

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042350.D
 Acq On : 16 Jul 2024 18:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/17/2024
 Supervised By : Mahesh Dadoda 07/17/2024

Quant Time: Jul 17 05:41:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	159209	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	228673	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	86477	47.104	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.200%		
35) Dibromofluoromethane	5.391	113	86419	53.261	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.520%		
50) Toluene-d8	8.653	98	287161	50.378	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.760%		
62) 4-Bromofluorobenzene	11.079	95	122481	58.291	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	116.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	63328	52.211	ug/l	98
3) Chloromethane	1.307	50	62270	40.923	ug/l	100
4) Vinyl Chloride	1.374	62	65509	42.948	ug/l	99
5) Bromomethane	1.599	94	35265	46.821	ug/l	96
6) Chloroethane	1.679	64	44162	70.940	ug/l	98
7) Trichlorofluoromethane	1.886	101	110248	55.168	ug/l	99
8) Diethyl Ether	2.136	74	43056	45.899	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.325	101	66376	48.217	ug/l #	84
10) Methyl Iodide	2.453	142	81750	47.779	ug/l #	85
11) Tert butyl alcohol	2.983	59	100253	287.737	ug/l #	91
12) 1,1-Dichloroethene	2.319	96	65018	47.348	ug/l	81
13) Acrolein	2.240	56	54731	140.134	ug/l	100
14) Allyl chloride	2.666	41	100523	46.158	ug/l	87
15) Acrylonitrile	3.075	53	240377	264.130	ug/l	99
16) Acetone	2.392	43	190301	236.065	ug/l #	87
17) Carbon Disulfide	2.508	76	141885	50.675	ug/l	99
18) Methyl Acetate	2.709	43	113549	51.634	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	244671	53.933	ug/l	99
20) Methylene Chloride	2.794	84	82504	46.740	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	71886	51.581	ug/l	85
22) Diisopropyl ether	3.770	45	233203	50.660	ug/l	87
23) Vinyl Acetate	3.727	43	1035702	263.451	ug/l #	93
24) 1,1-Dichloroethane	3.611	63	133529	51.798	ug/l	97
25) 2-Butanone	4.568	43	323873	258.241	ug/l	91
26) 2,2-Dichloropropane	4.477	77	82912	44.414	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	92369	52.918	ug/l	83
28) Bromochloromethane	4.904	49	43866	39.729	ug/l #	68
29) Tetrahydrofuran	5.013	42	213364	263.421	ug/l	92
30) Chloroform	5.099	83	141906	52.838	ug/l	97
31) Cyclohexane	5.471	56	101519	47.284	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	123963	55.239	ug/l	95
36) 1,1-Dichloropropene	5.696	75	88613	51.430	ug/l	93
37) Ethyl Acetate	4.727	43	118785	52.924	ug/l	96
38) Carbon Tetrachloride	5.684	117	109383	57.458	ug/l	95
39) Methylcyclohexane	7.385	83	111977	51.388	ug/l	89
40) Benzene	6.044	78	301279	51.846	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	66067	54.302	ug/l #	90
42) 1,2-Dichloroethane	6.092	62	98837	52.803	ug/l	90
43) Isopropyl Acetate	6.349	43	181762	52.759	ug/l #	93
44) Trichloroethene	7.129	130	85972	55.193	ug/l	87
45) 1,2-Dichloropropane	7.434	63	75288	52.691	ug/l	99
46) Dibromomethane	7.586	93	56864	54.620	ug/l #	72
47) Bromodichloromethane	7.824	83	109841	57.466	ug/l	97
48) Methyl methacrylate	7.696	41	89301	54.313	ug/l #	83
49) 1,4-Dioxane	7.665	88	44796	1029.084	ug/l #	86
51) 4-Methyl-2-Pentanone	8.574	43	627512	264.421	ug/l	93
52) Toluene	8.720	92	199621	53.946	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	107083	52.837	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	117960	56.368	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	85340	55.360	ug/l	97
56) Ethyl methacrylate	9.116	69	133763	55.777	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	133426	53.573	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	288221	257.899	ug/l	90
59) 2-Hexanone	9.433	43	487783	268.362	ug/l	90
60) Dibromochloromethane	9.525	129	100998	60.316	ug/l	98
61) 1,2-Dibromoethane	9.610	107	90330	56.503	ug/l	99
64) Tetrachloroethene	9.275	164	84626	52.512	ug/l	90
65) Chlorobenzene	10.080	112	236372	51.348	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	87432	54.249	ug/l	98
67) Ethyl Benzene	10.195	91	376020	52.123	ug/l	97
68) m/p-Xylenes	10.299	106	304769	104.654	ug/l	90
69) o-Xylene	10.640	106	148403	51.472	ug/l	93
70) Styrene	10.659	104	261709	54.131	ug/l	94
71) Bromoform	10.799	173	83689	53.585	ug/l #	99
73) Isopropylbenzene	10.964	105	388291	46.489	ug/l	96
74) N-amyl acetate	10.842	43	163041	43.946	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.214	83	136011	43.795	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	105032m	42.119	ug/l	
77) Bromobenzene	11.201	156	115680	46.504	ug/l	76
78) n-propylbenzene	11.305	91	429767	47.423	ug/l	95
79) 2-Chlorotoluene	11.366	91	262869	45.021	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	324480	46.642	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	38938	44.344	ug/l	86
82) 4-Chlorotoluene	11.457	91	301866	46.768	ug/l	91
83) tert-Butylbenzene	11.713	119	358333	46.942	ug/l	88
84) 1,2,4-Trimethylbenzene	11.750	105	328915	47.126	ug/l	92
85) sec-Butylbenzene	11.890	105	412538	47.780	ug/l	95
86) p-Isopropyltoluene	12.012	119	365620	48.476	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	208303	47.641	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	206571	46.047	ug/l	95
89) n-Butylbenzene	12.335	91	291353	50.183	ug/l	96
90) Hexachloroethane	12.536	117	62387	48.585	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	207447	46.367	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	30158	49.002	ug/l #	45
93) 1,2,4-Trichlorobenzene	13.591	180	149886	51.140	ug/l	96
94) Hexachlorobutadiene	13.725	225	70646	47.668	ug/l	99
95) Naphthalene	13.774	128	461709	46.928	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	153743	49.737	ug/l	95

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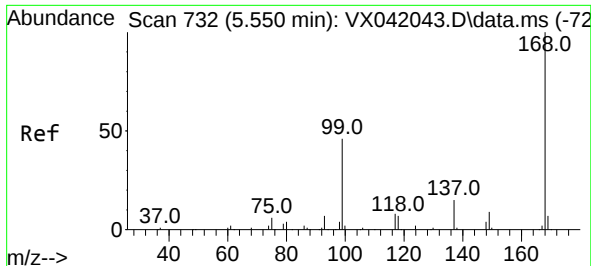
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



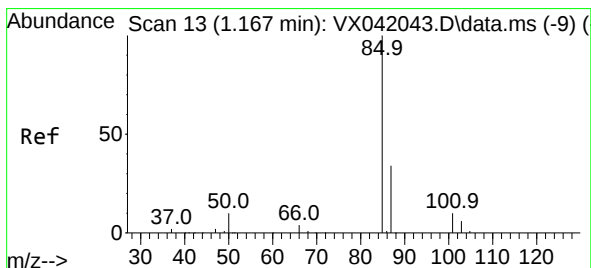
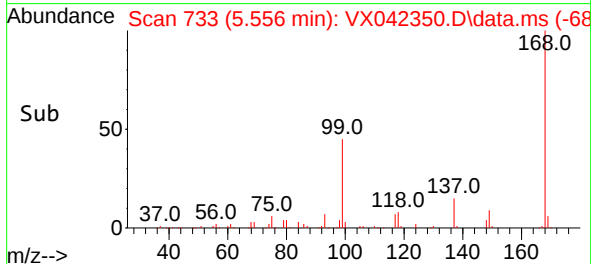
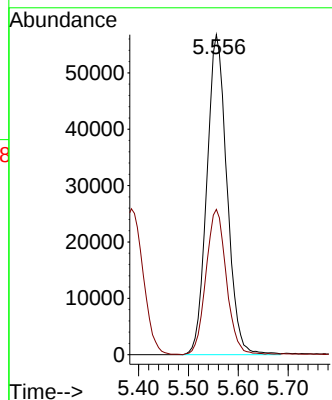
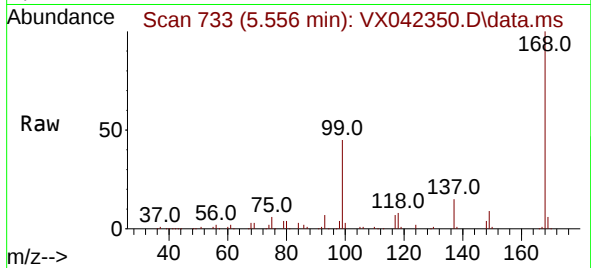
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042350.D
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MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 159209
Ion Ratio Lower Upper
168 100
99 45.3 56.6 85.0

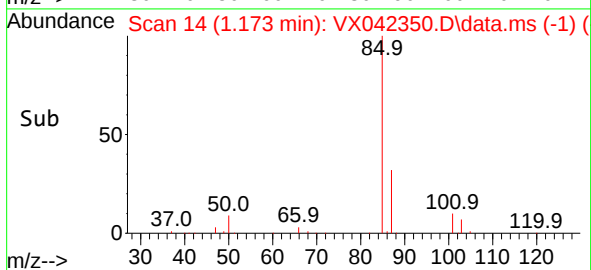
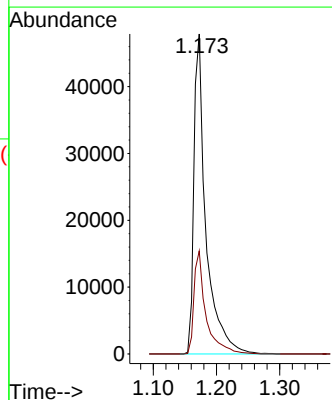
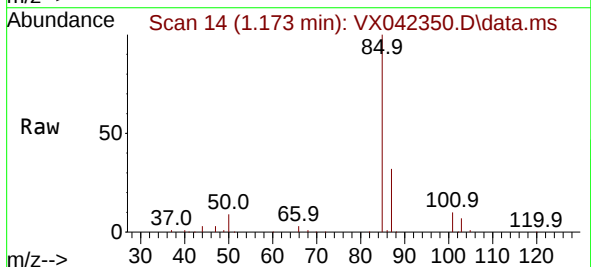
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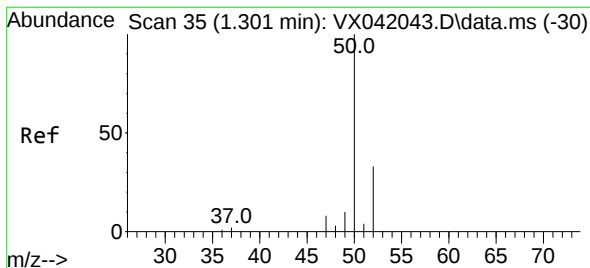
Reviewed By :John Carlone 07/17/2024
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#2
Dichlorodifluoromethane
Concen: 52.211 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion: 85 Resp: 63328
Ion Ratio Lower Upper
85 100
87 32.2 16.7 50.1





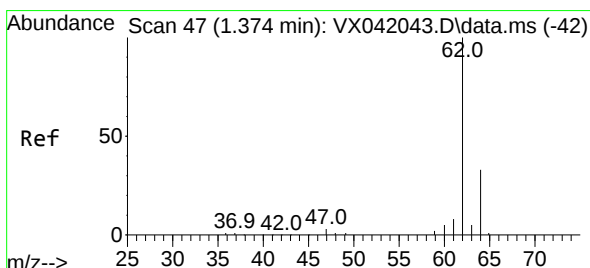
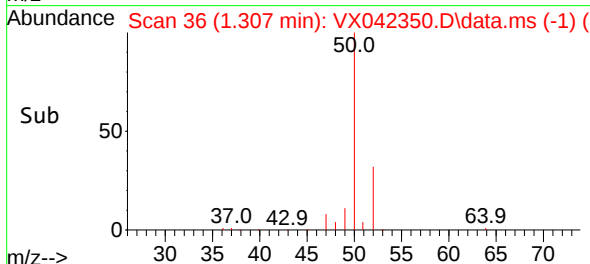
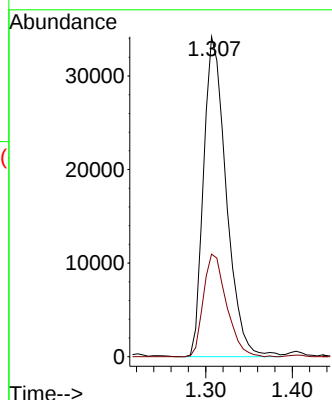
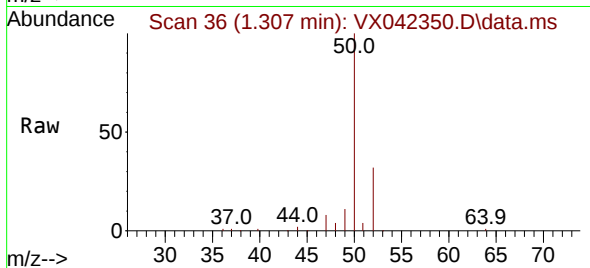
#3
Chloromethane
Concen: 40.923 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 62270
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

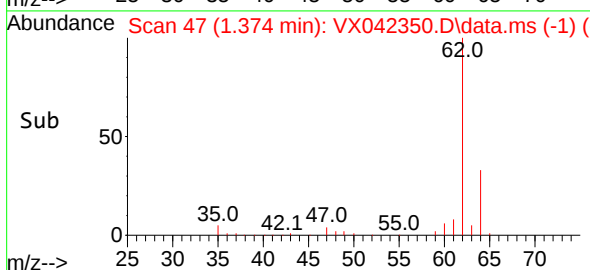
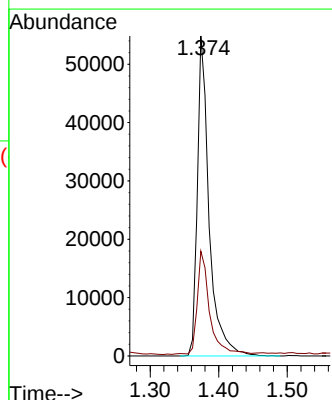
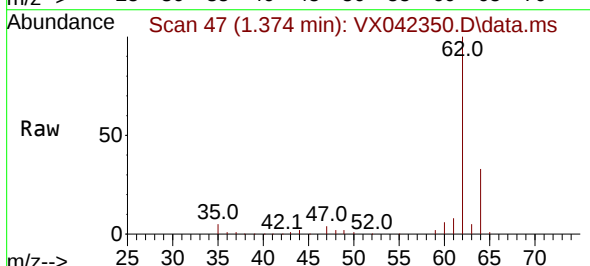
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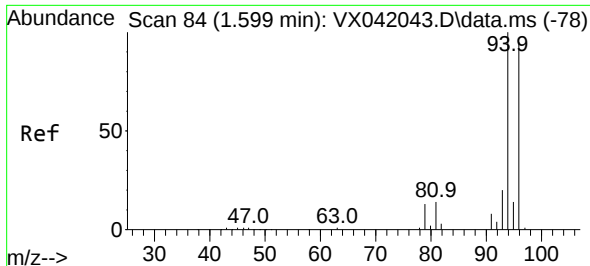
Reviewed By :John Carlone 07/17/2024
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#4
Vinyl Chloride
Concen: 42.948 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

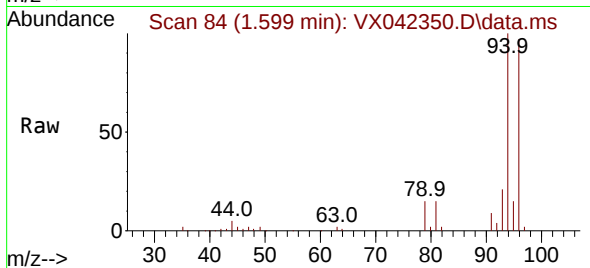
Tgt Ion: 62 Resp: 65509
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0





#5
Bromomethane
Concen: 46.821 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

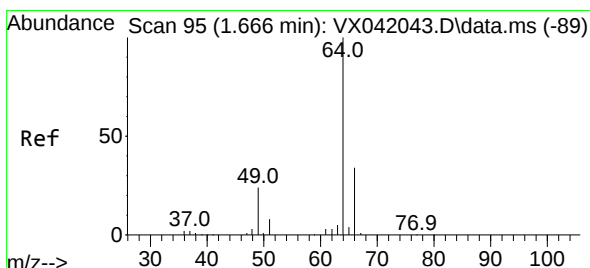
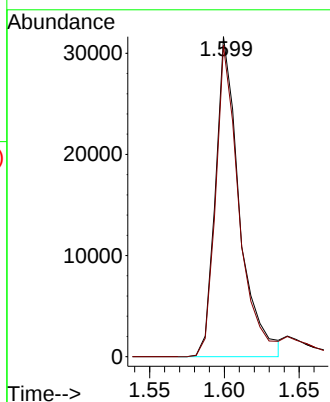
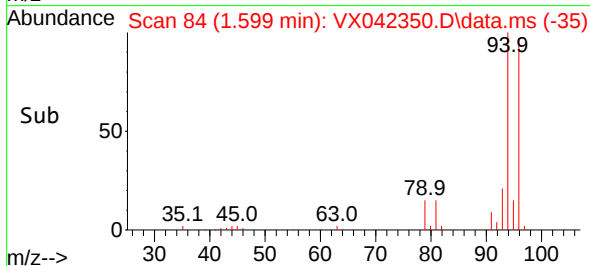
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Tgt Ion: 94 Resp: 3526
Ion Ratio Lower Upper
94 100
96 97.2 74.6 111.8

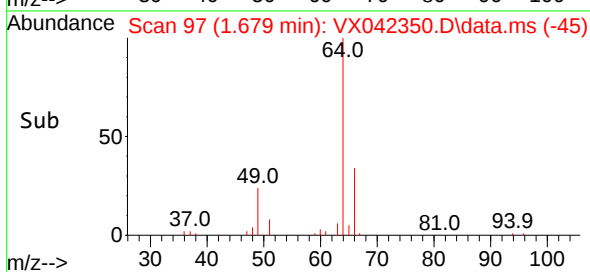
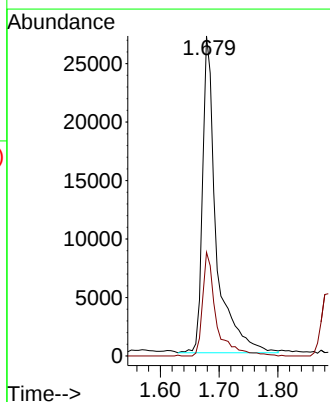
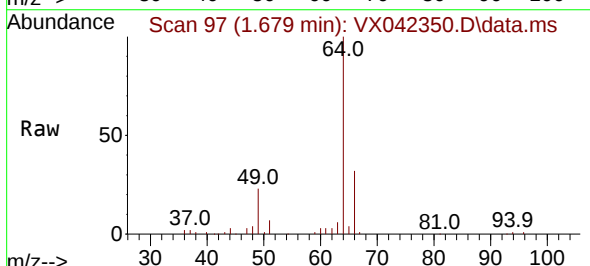
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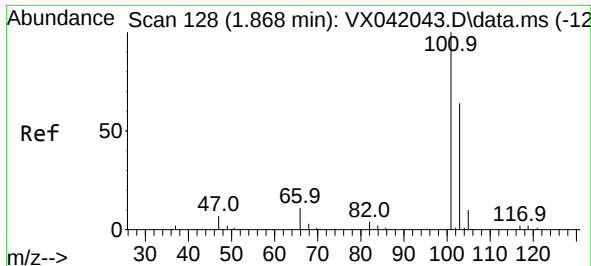
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#6
Chloroethane
Concen: 70.940 ug/l
RT: 1.679 min Scan# 97
Delta R.T. 0.019 min
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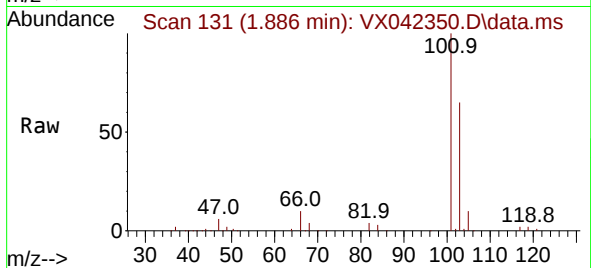
Tgt Ion: 64 Resp: 44162
Ion Ratio Lower Upper
64 100
66 32.7 25.1 37.7





#7
 Trichlorofluoromethane
 Concen: 55.168 ug/l
 RT: 1.886 min Scan# 110
 Delta R.T. 0.018 min
 Lab File: VX042350.D
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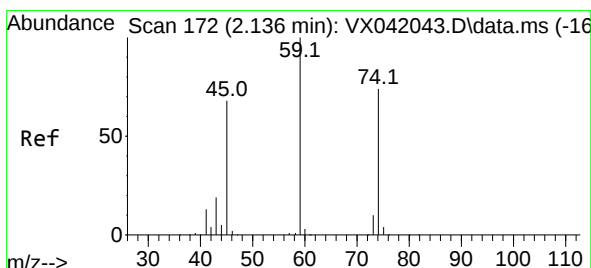
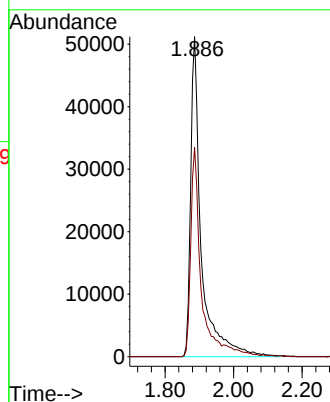
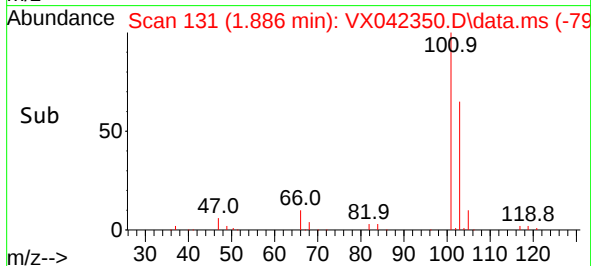
Instrument :
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 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 110248
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.2

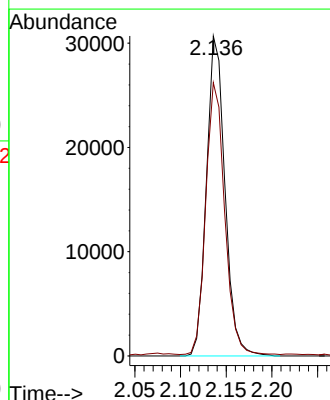
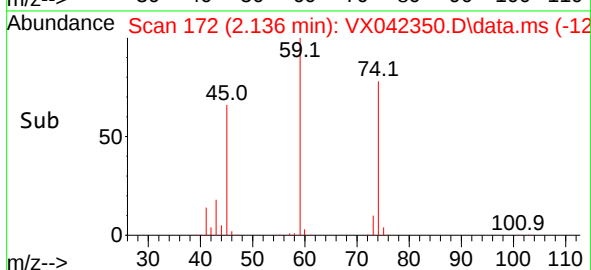
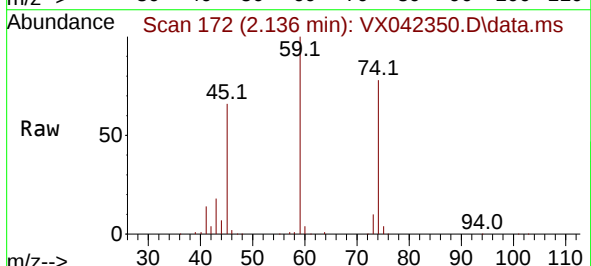
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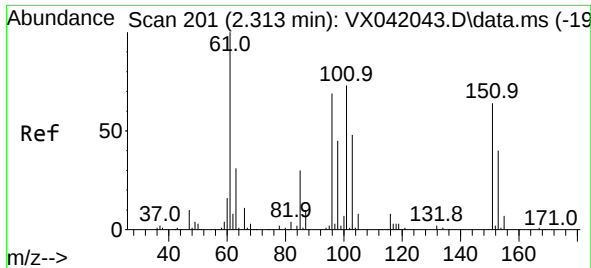
Reviewed By :John Carlone 07/17/2024
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#8
 Diethyl Ether
 Concen: 45.899 ug/l
 RT: 2.136 min Scan# 172
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 43056
 Ion Ratio Lower Upper
 74 100
 45 86.8 53.3 159.8





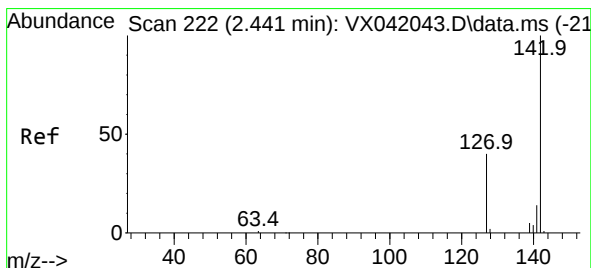
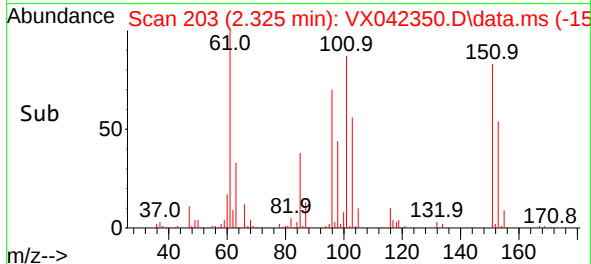
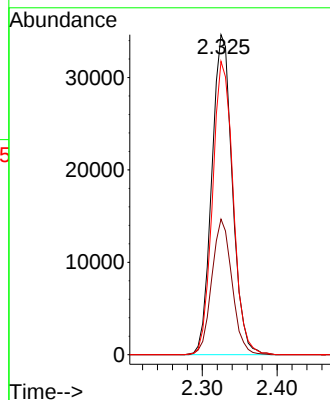
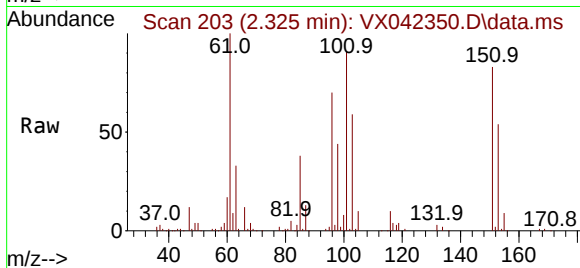
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.217 ug/l
RT: 2.325 min Scan# 201
Delta R.T. 0.012 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 66370
Ion Ratio Lower Upper
101 100
85 41.4 37.0 55.6
151 91.8 58.6 87.8

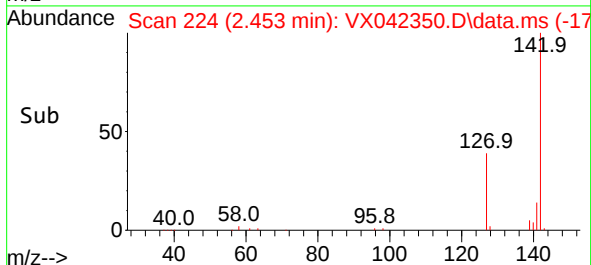
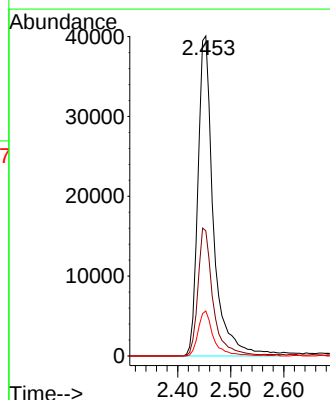
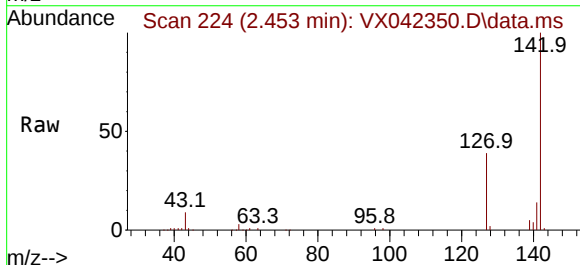
Manual Integrations
APPROVED

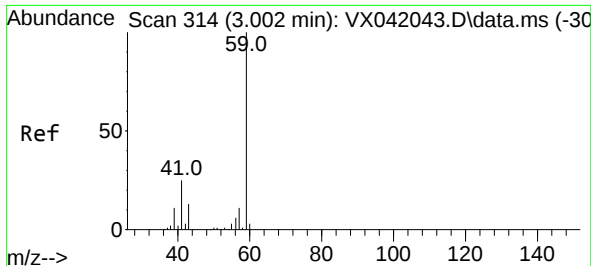
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#10
Methyl Iodide
Concen: 47.779 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.012 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

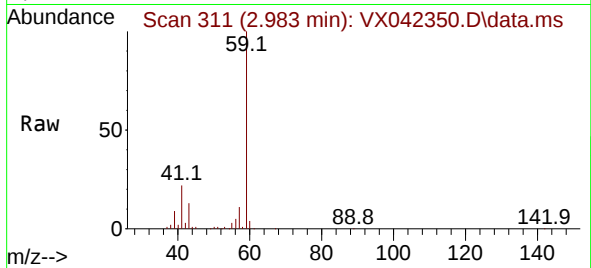
Tgt Ion:142 Resp: 81750
Ion Ratio Lower Upper
142 100
127 38.8 41.6 62.4#
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 287.737 ug/l
RT: 2.983 min Scan# 314
Delta R.T. -0.024 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

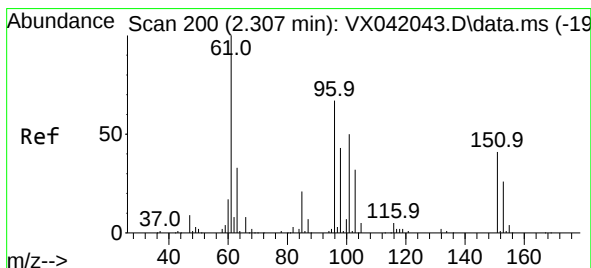
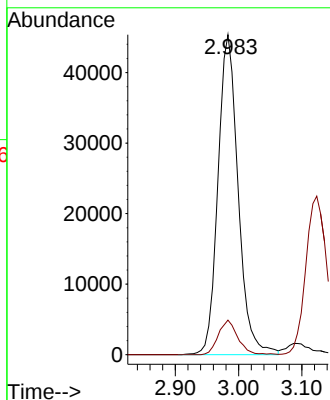
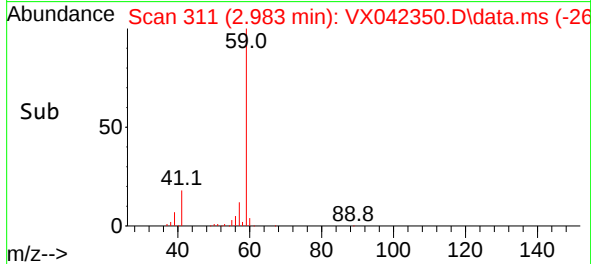
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 10025
Ion Ratio Lower Upper
59 100
57 10.5 6.0 9.0

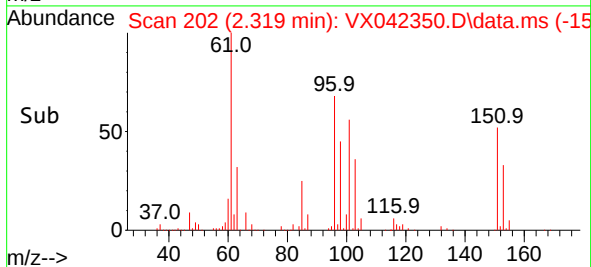
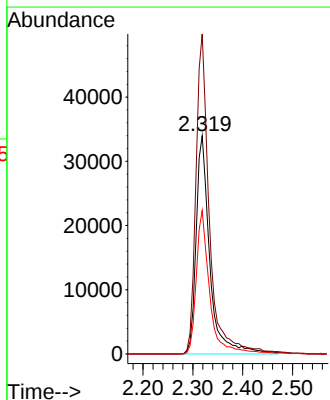
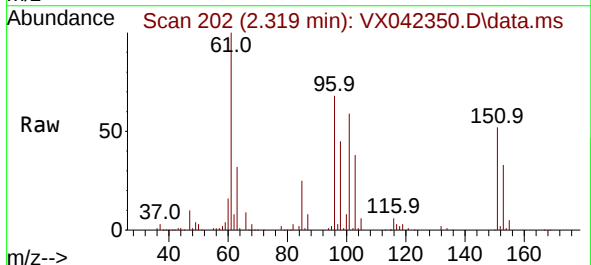
Manual Integrations
APPROVED

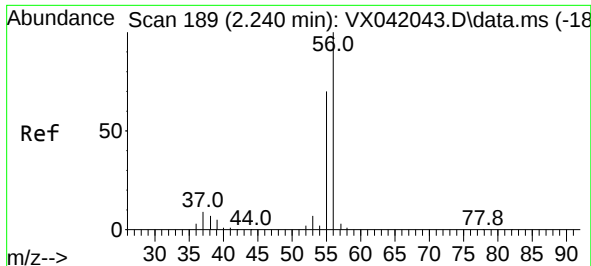
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#12
1,1-Dichloroethene
Concen: 47.348 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.012 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

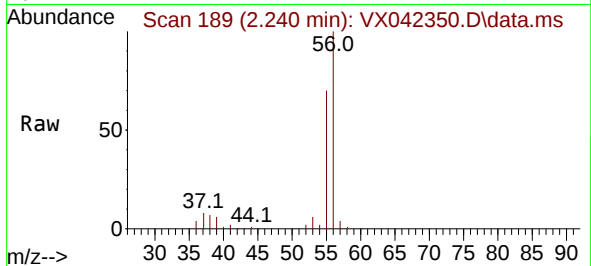
Tgt Ion: 96 Resp: 65018
Ion Ratio Lower Upper
96 100
61 146.6 144.6 216.8
98 65.6 50.4 75.6





#13
Acrolein
Concen: 140.134 ug/l
RT: 2.240 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

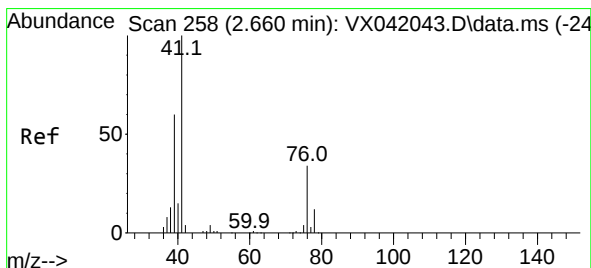
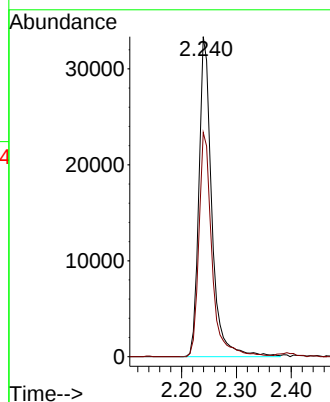
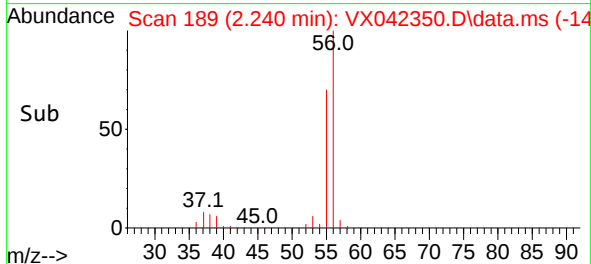
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 5473
Ion Ratio Lower Upper
56 100
55 71.1 57.1 85.7

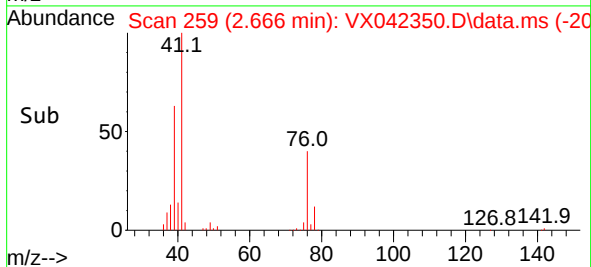
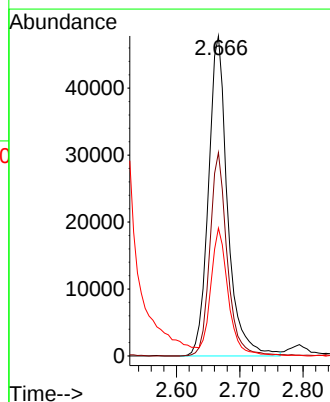
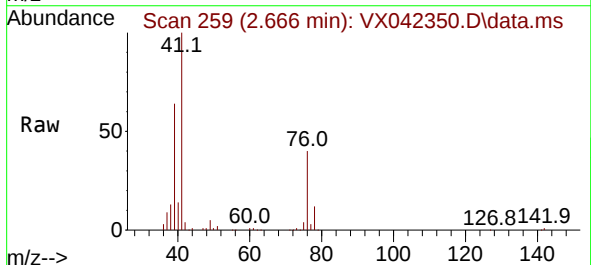
Manual Integrations
APPROVED

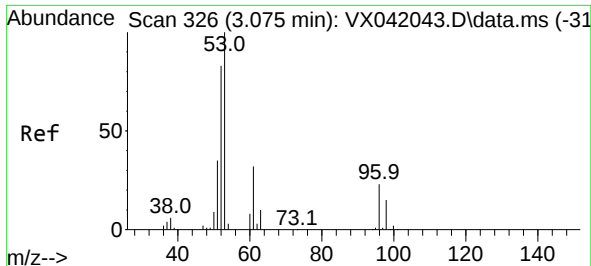
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#14
Allyl chloride
Concen: 46.158 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

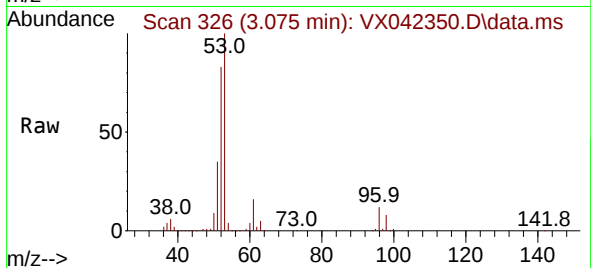
Tgt Ion: 41 Resp: 100523
Ion Ratio Lower Upper
41 100
39 58.1 55.8 83.6
76 35.9 24.3 36.5





#15
Acrylonitrile
Concen: 264.130 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

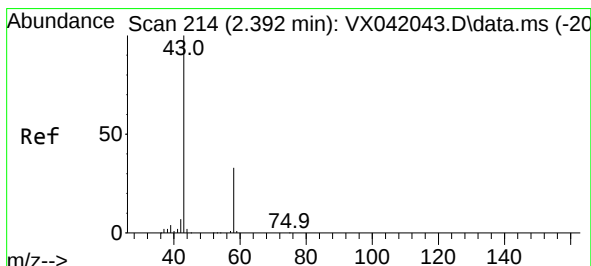
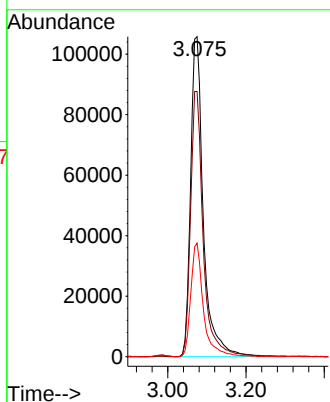
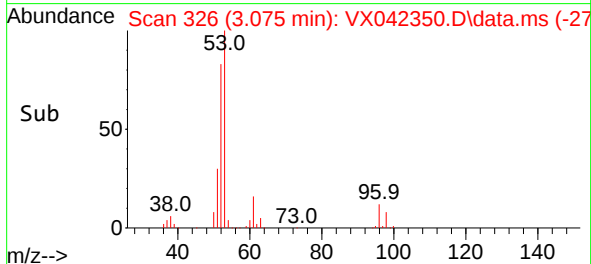
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 24037
Ion Ratio Lower Upper
53 100
52 82.1 66.0 99.0
51 35.3 29.8 44.6

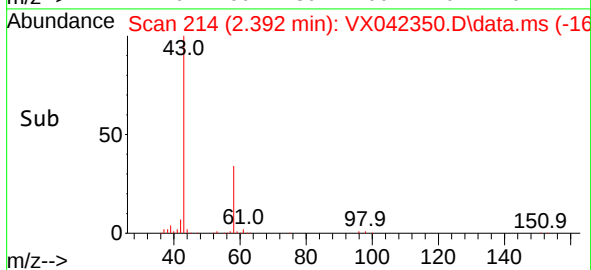
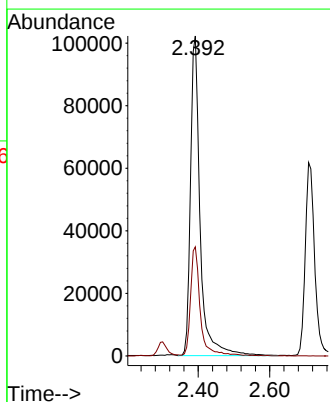
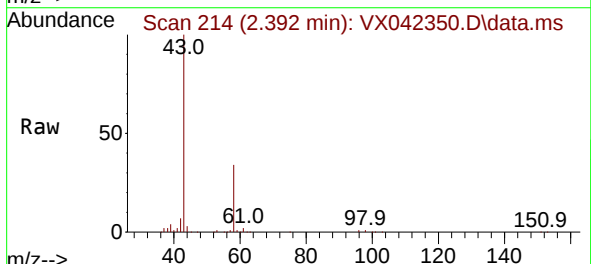
Manual Integrations
APPROVED

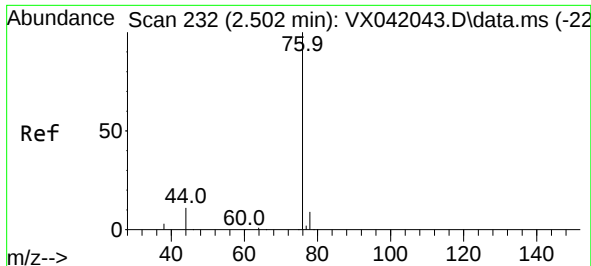
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#16
Acetone
Concen: 236.065 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion: 43 Resp: 190301
Ion Ratio Lower Upper
43 100
58 34.1 21.9 32.9#





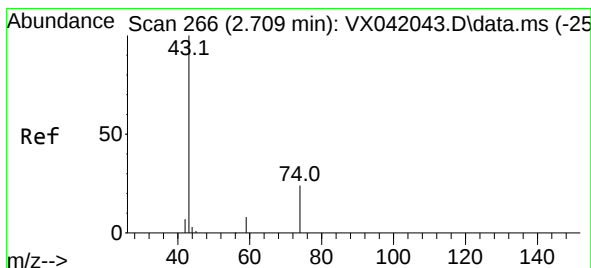
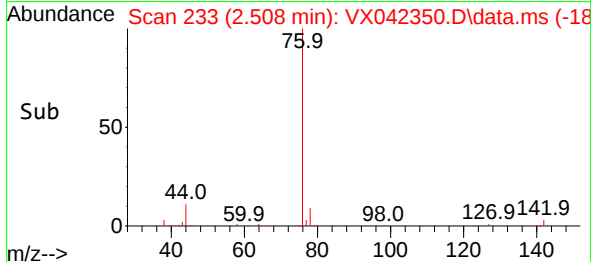
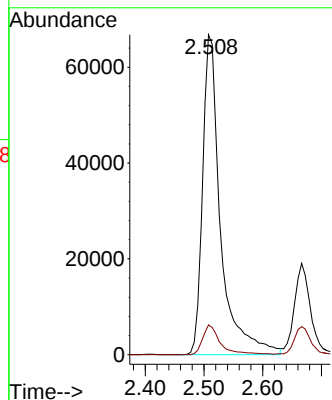
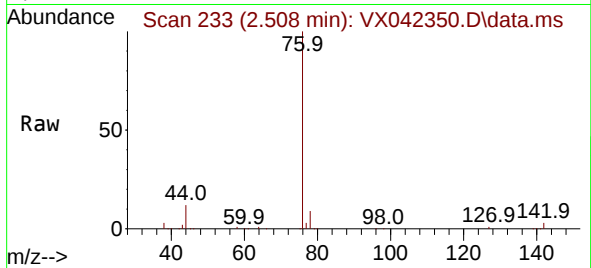
#17
Carbon Disulfide
Concen: 50.675 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 141885
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6

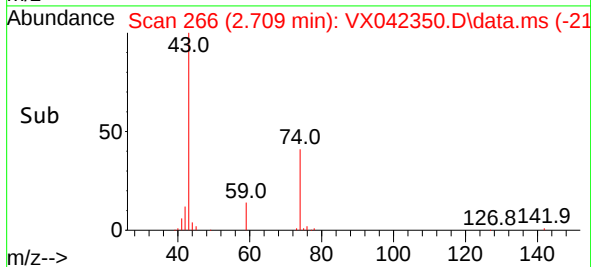
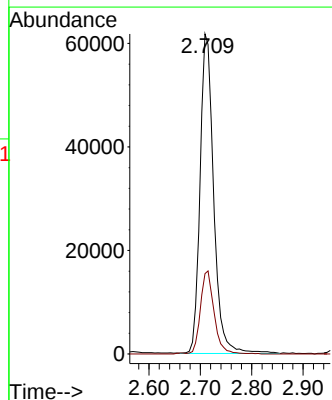
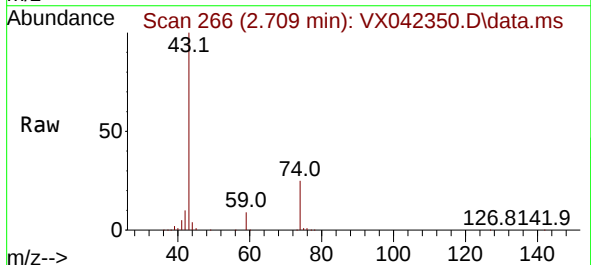
Manual Integrations
APPROVED

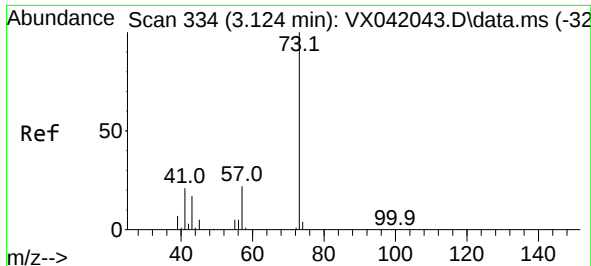
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#18
Methyl Acetate
Concen: 51.634 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

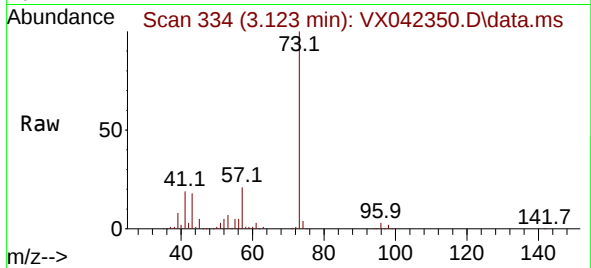
Tgt Ion: 43 Resp: 113549
Ion Ratio Lower Upper
43 100
74 26.1 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 53.933 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

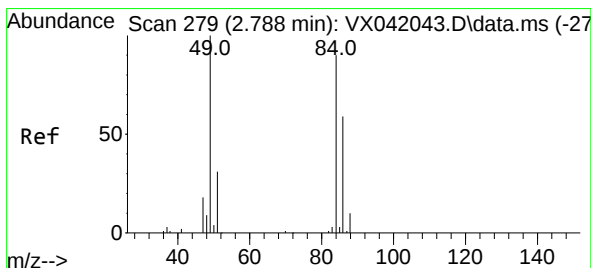
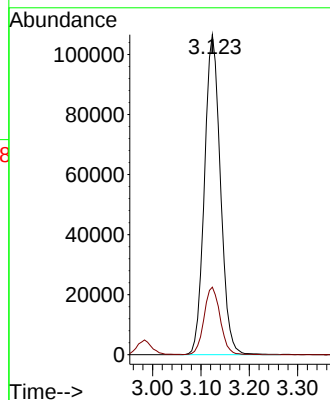
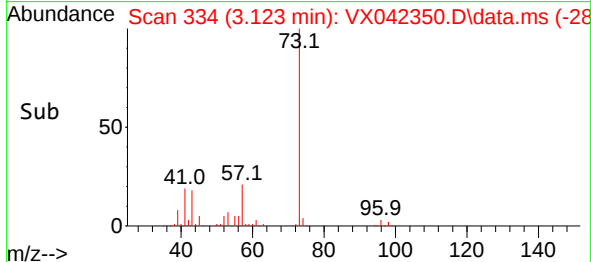
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 24467
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

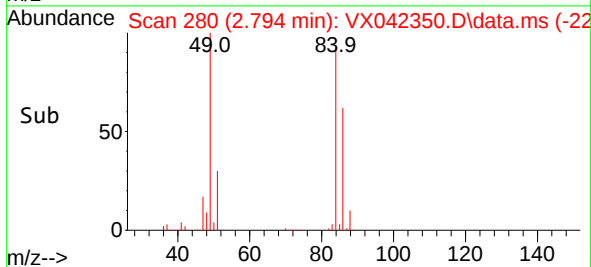
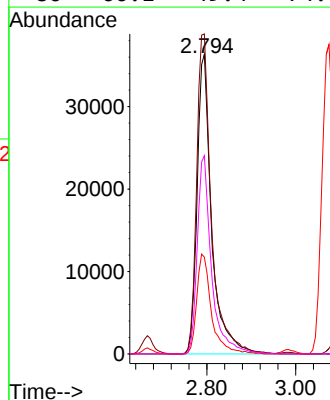
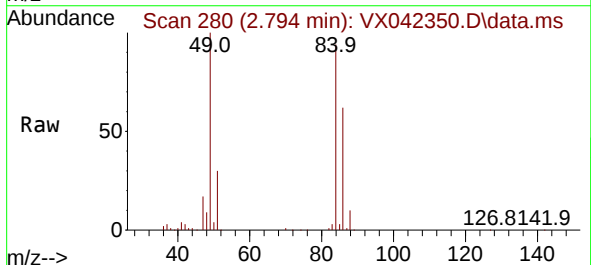
Manual Integrations
APPROVED

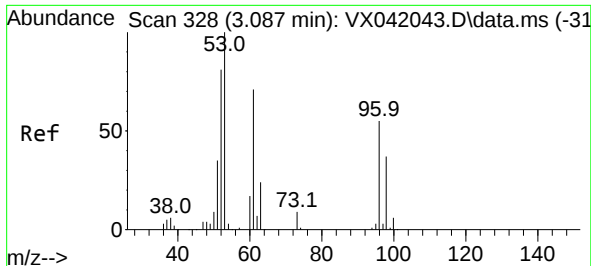
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#20
Methylene Chloride
Concen: 46.740 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

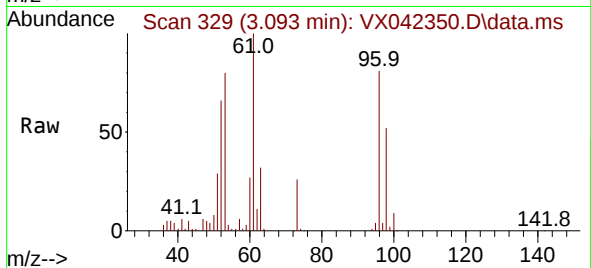
Tgt Ion: 84 Resp: 82504
Ion Ratio Lower Upper
84 100
49 106.8 103.6 155.4
51 32.3 33.8 50.6#
86 66.1 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.581 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

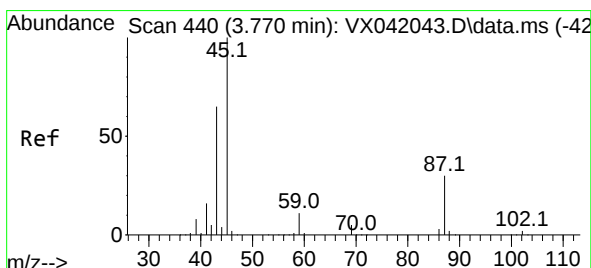
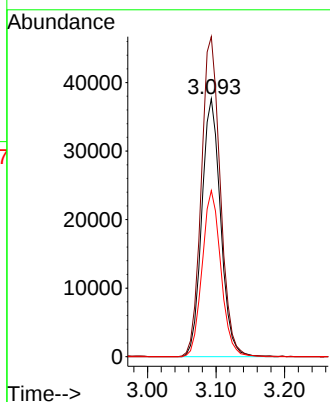
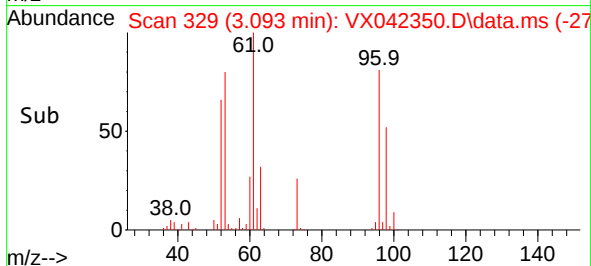
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 71880
Ion Ratio Lower Upper
96 100
61 124.1 119.2 178.8
98 64.4 48.7 73.1

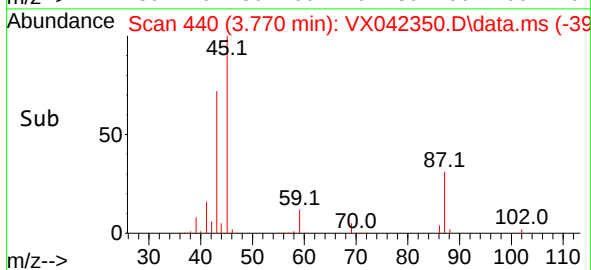
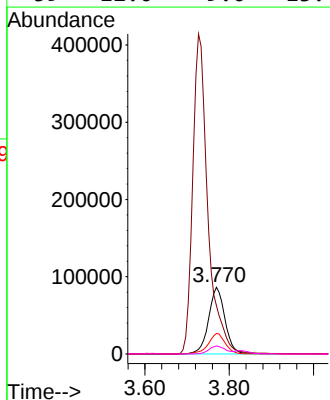
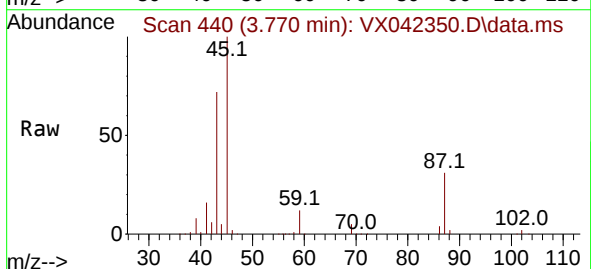
Manual Integrations
APPROVED

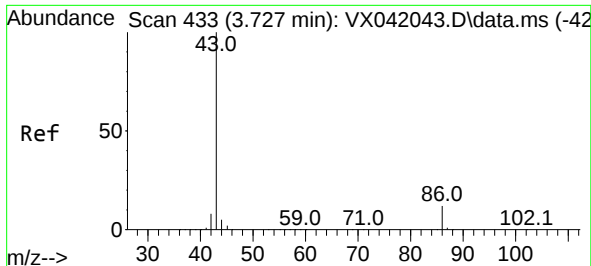
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#22
Diisopropyl ether
Concen: 50.660 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

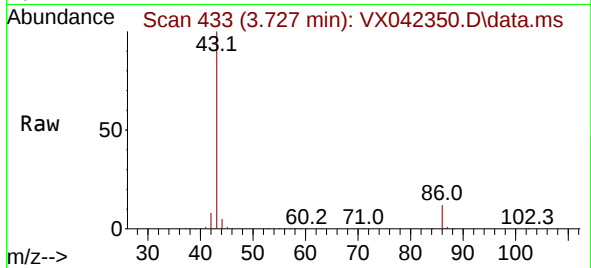
Tgt Ion: 45 Resp: 233203
Ion Ratio Lower Upper
45 100
43 72.2 69.7 104.5
87 30.6 20.8 31.2
59 12.0 9.0 13.4





#23
 Vinyl Acetate
 Concen: 263.451 ug/l
 RT: 3.727 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX042350.D
 Acq: 16 Jul 2024 18:17

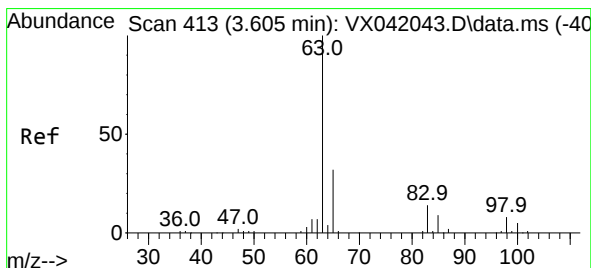
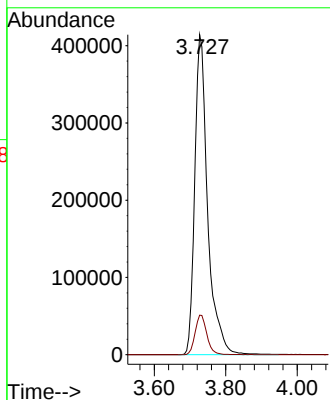
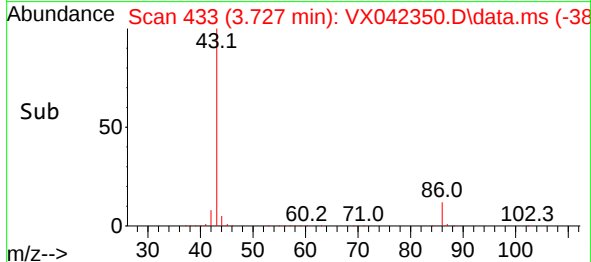
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



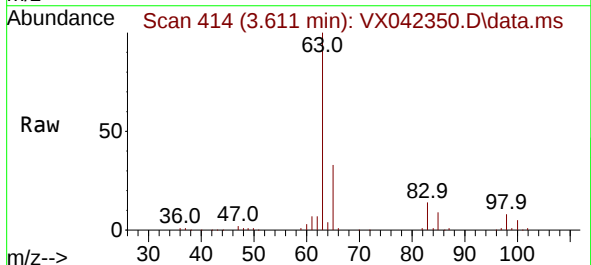
Tgt Ion: 43 Resp: 103570
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.8 11.8

Manual Integrations
 APPROVED

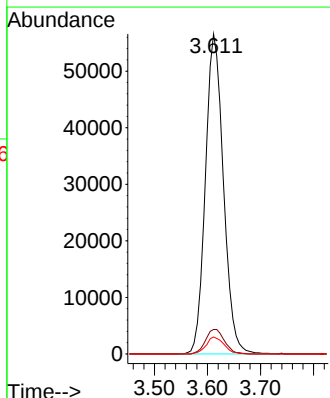
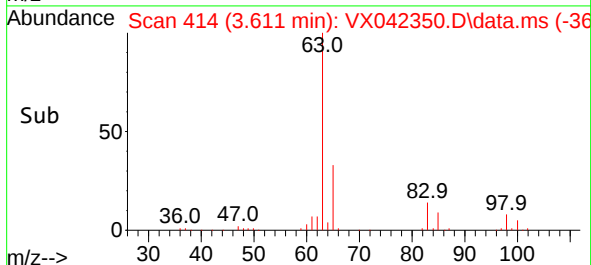
Reviewed By :John Carlone 07/17/2024
 Supervised By :Mahesh Dadoda 07/17/2024

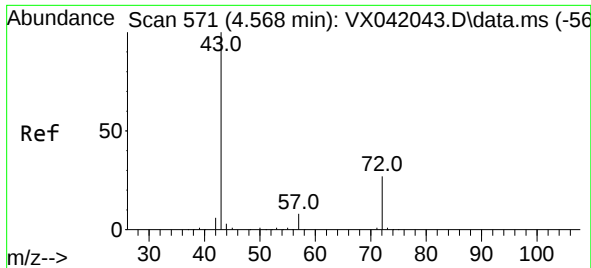


#24
 1,1-Dichloroethane
 Concen: 51.798 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX042350.D
 Acq: 16 Jul 2024 18:17



Tgt Ion: 63 Resp: 133529
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.3 9.8
 100 5.3 2.1 6.5





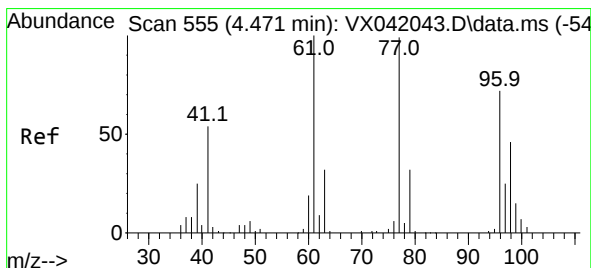
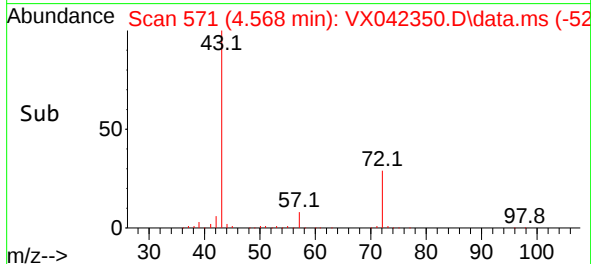
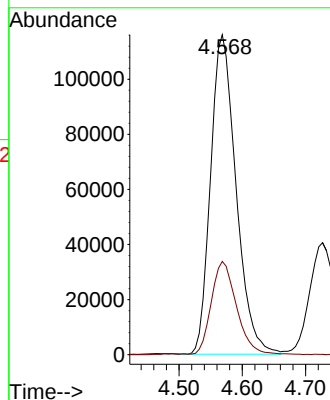
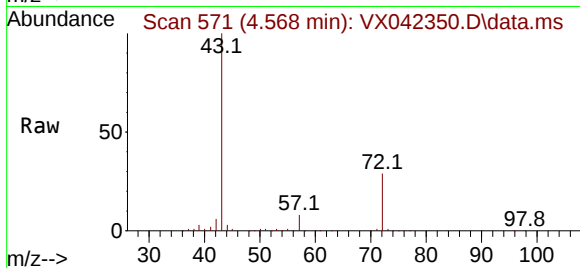
#25
2-Butanone
Concen: 258.241 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 32387
Ion Ratio Lower Upper
43 100
72 29.0 19.4 29.2

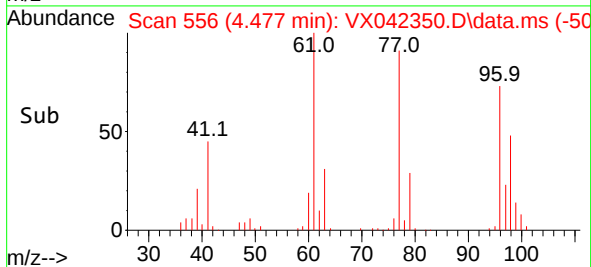
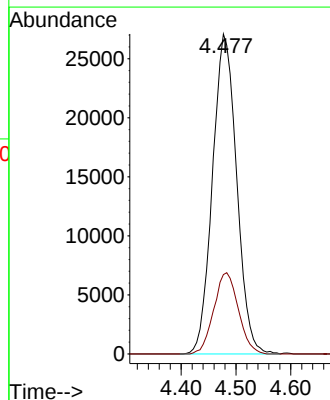
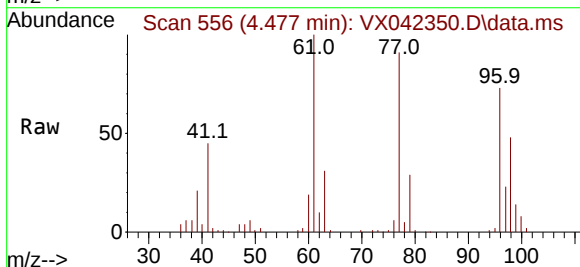
Manual Integrations
APPROVED

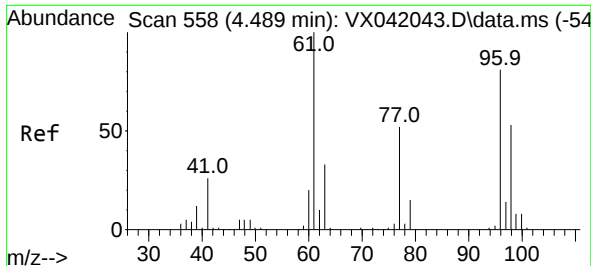
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#26
2,2-Dichloropropane
Concen: 44.414 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion: 77 Resp: 82912
Ion Ratio Lower Upper
77 100
97 25.8 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 52.918 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 92369

Ion Ratio Lower Upper

96 100

61 124.8 0.0 312.2

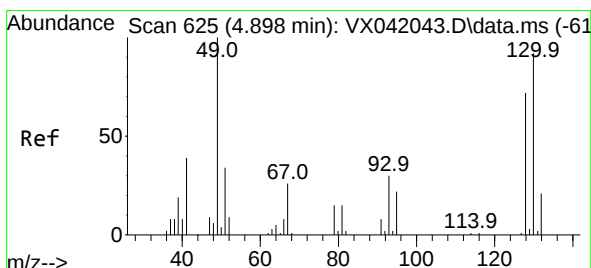
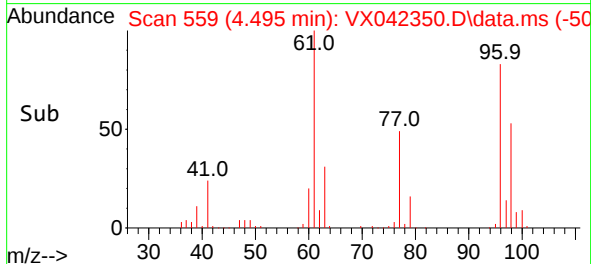
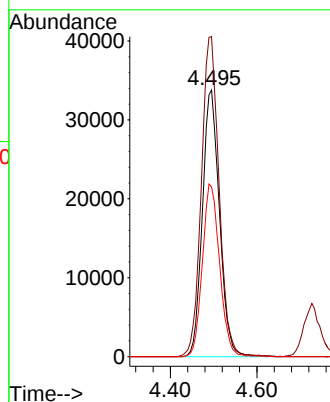
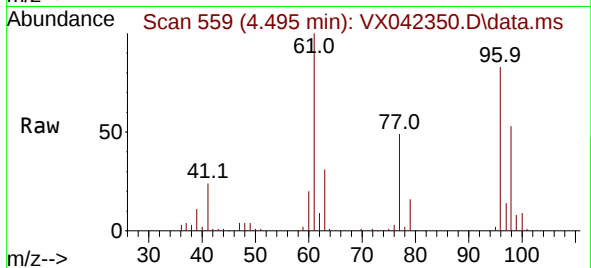
98 65.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#28

Bromochloromethane

Concen: 39.729 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.000 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

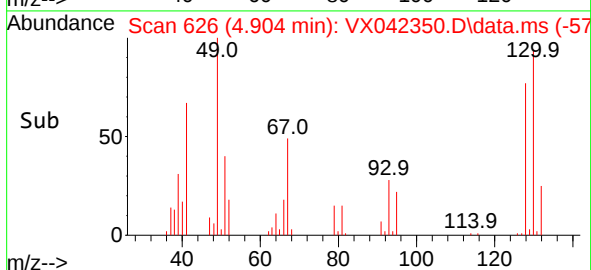
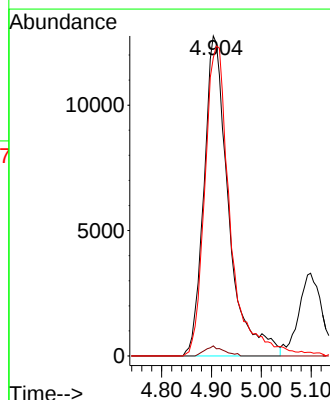
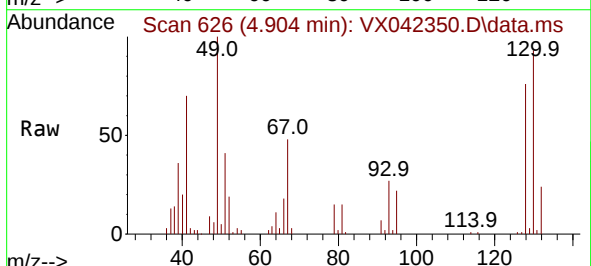
Tgt Ion: 49 Resp: 43866

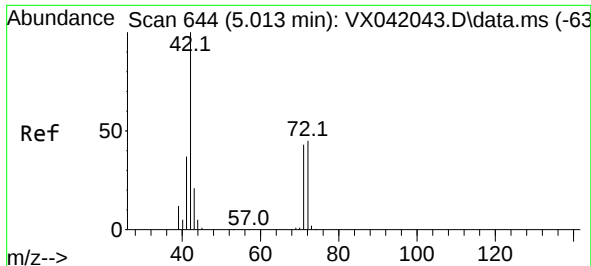
Ion Ratio Lower Upper

49 100

129 2.3 0.0 3.8

130 99.2 57.5 86.3#





#29

Tetrahydrofuran

Concen: 263.421 ug/l

RT: 5.013 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 213364

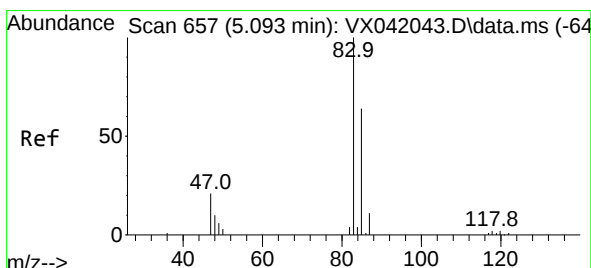
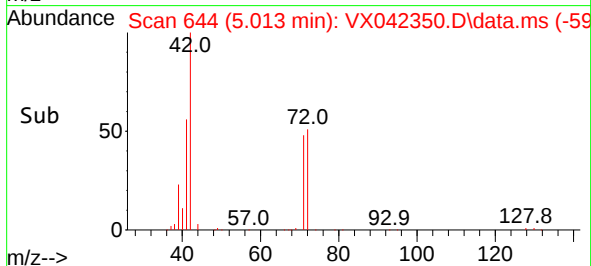
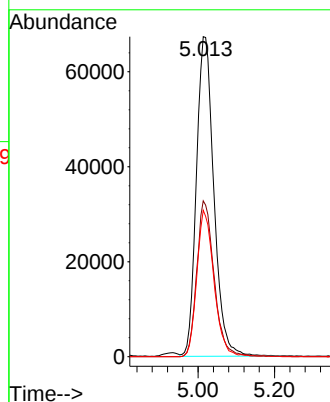
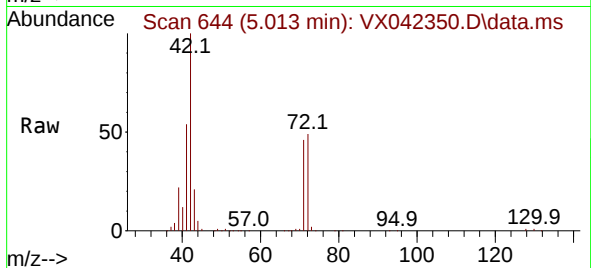
Ion	Ratio	Lower	Upper
42	100		
72	48.5	34.2	51.4
71	44.9	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#30

Chloroform

Concen: 52.838 ug/l

RT: 5.099 min Scan# 658

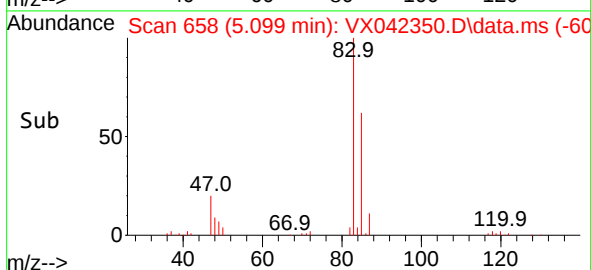
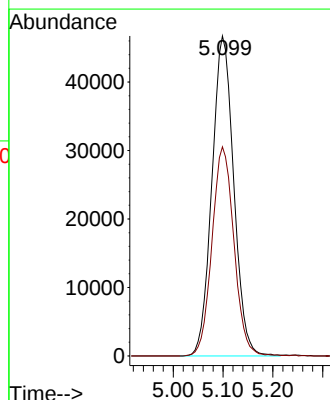
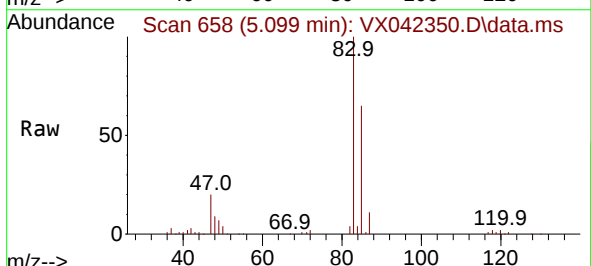
Delta R.T. 0.000 min

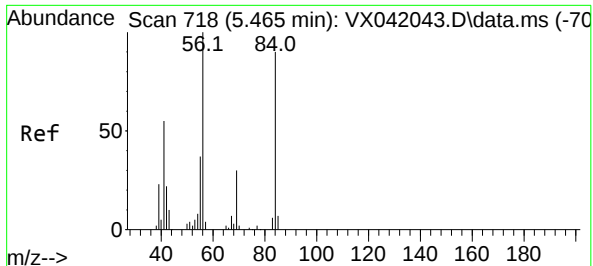
Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

Tgt Ion: 83 Resp: 141906

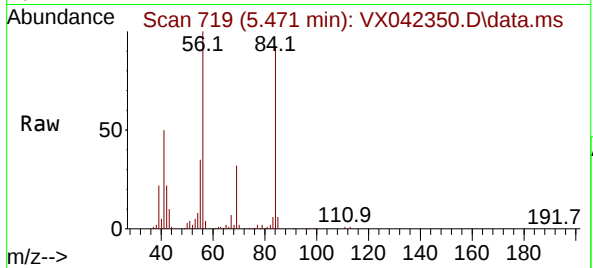
Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.3	75.5





#31
Cyclohexane
Concen: 47.284 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

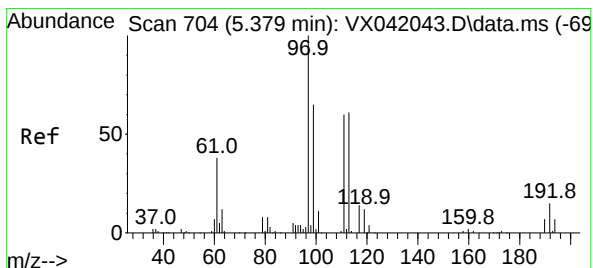
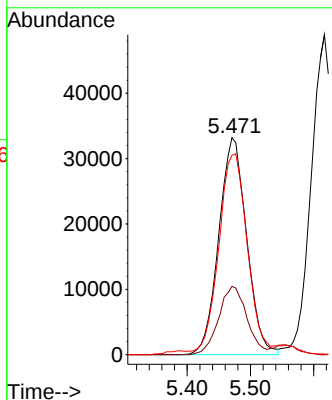
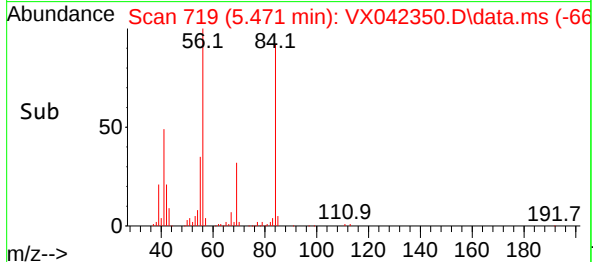
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



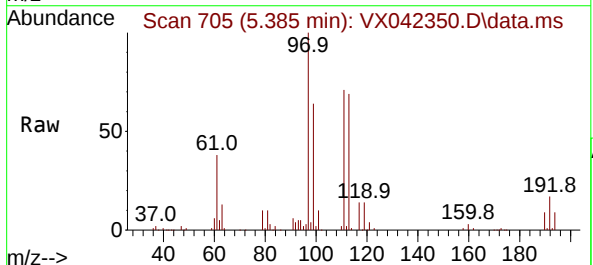
Tgt Ion: 56 Resp: 101519
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 90.1 65.9 98.9

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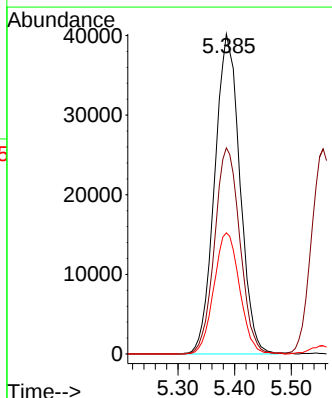
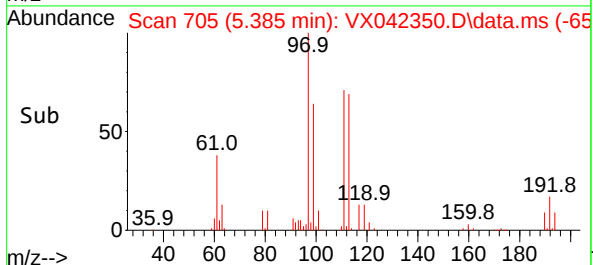
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

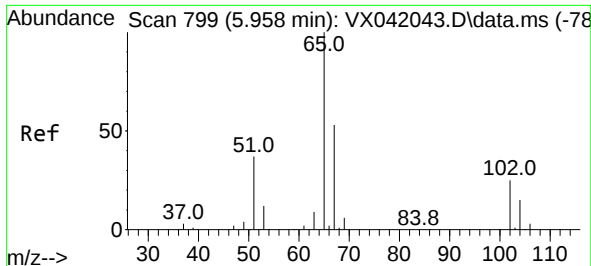


#32
1,1,1-Trichloroethane
Concen: 55.239 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17



Tgt Ion: 97 Resp: 123963
Ion Ratio Lower Upper
97 100
99 64.8 51.1 76.7
61 38.7 36.4 54.6





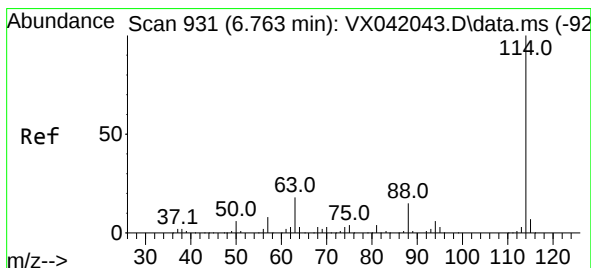
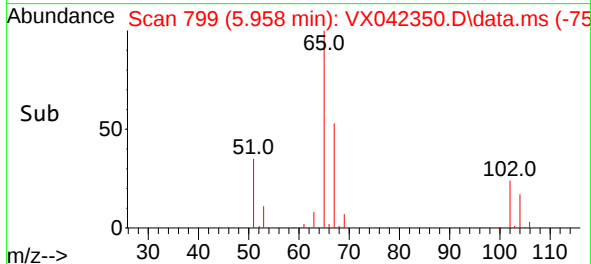
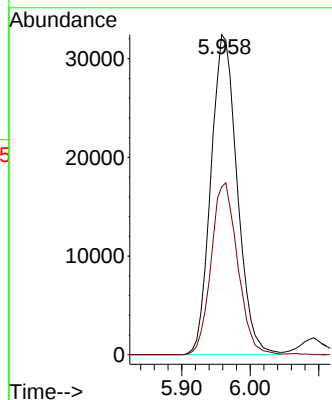
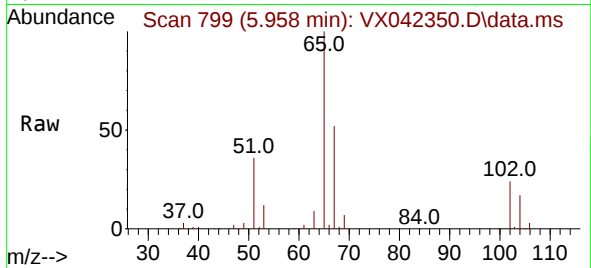
#33
 1,2-Dichloroethane-d4
 Concen: 47.104 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX042350.D
 Acq: 16 Jul 2024 18:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 65 Resp: 8647
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 100.2

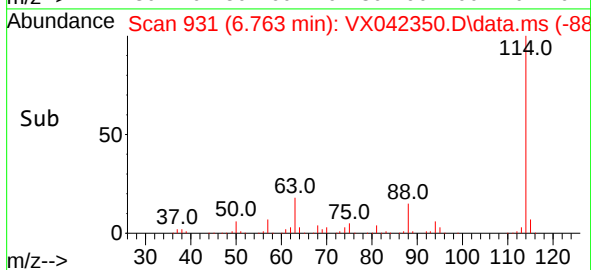
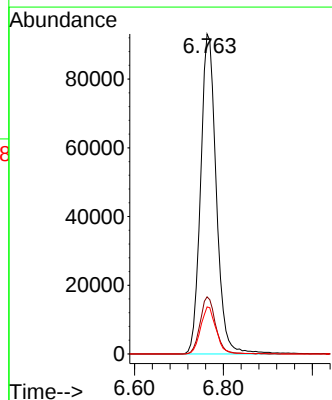
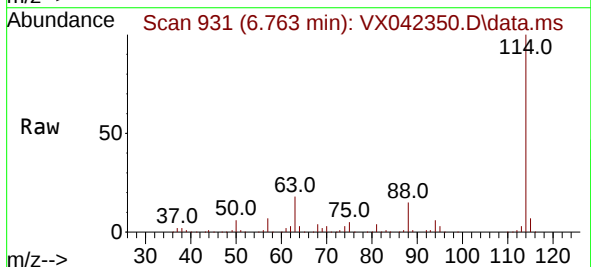
Manual Integrations
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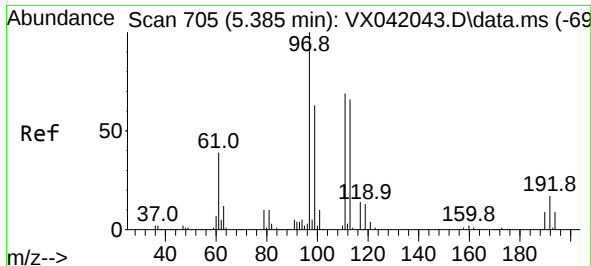
Reviewed By :John Carlone 07/17/2024
 Supervised By :Mahesh Dadoda 07/17/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX042350.D
 Acq: 16 Jul 2024 18:17

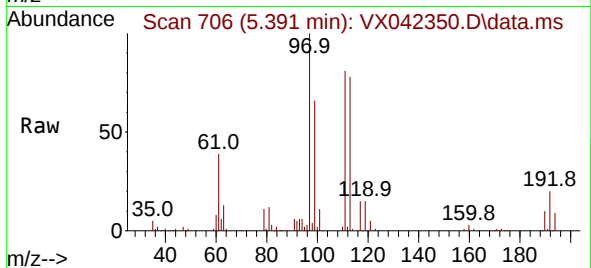
Tgt Ion:114 Resp: 228673
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 45.0
 88 14.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 53.261 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

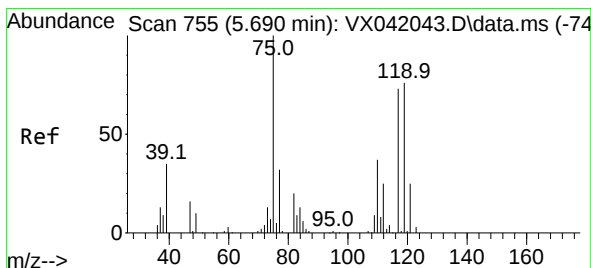
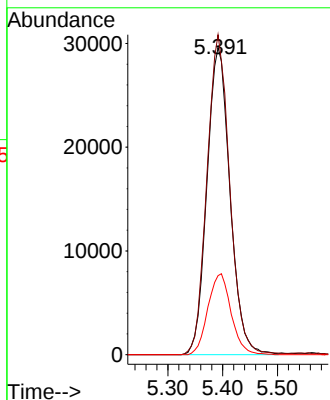
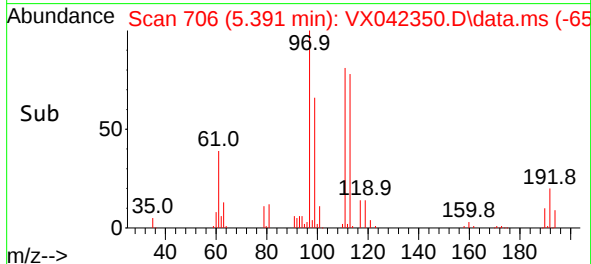
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 86419
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 26.5 13.3 19.9

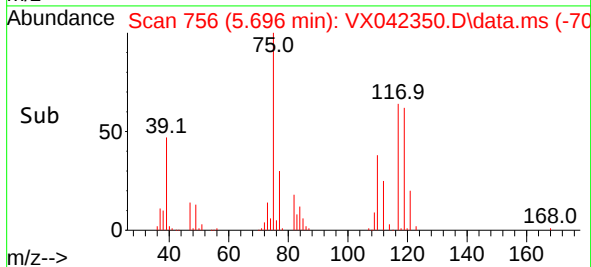
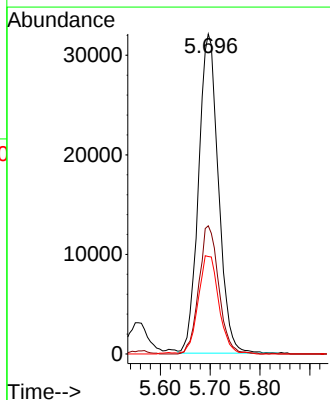
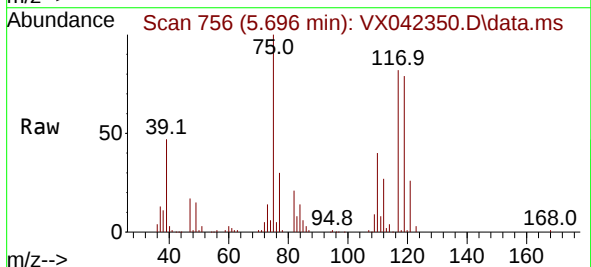
Manual Integrations
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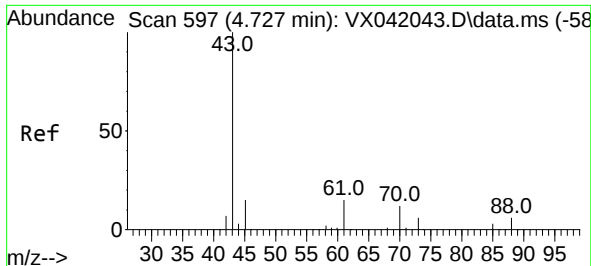
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#36
1,1-Dichloropropene
Concen: 51.430 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

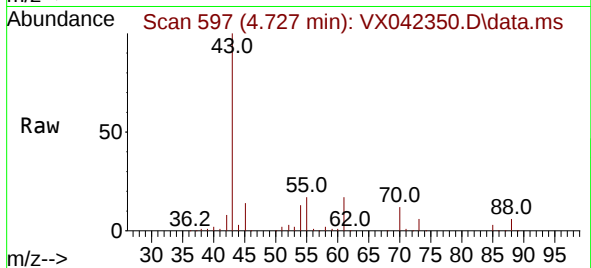
Tgt Ion: 75 Resp: 88613
Ion Ratio Lower Upper
75 100
110 40.2 17.0 50.9
77 32.0 24.7 37.1





#37
Ethyl Acetate
Concen: 52.924 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

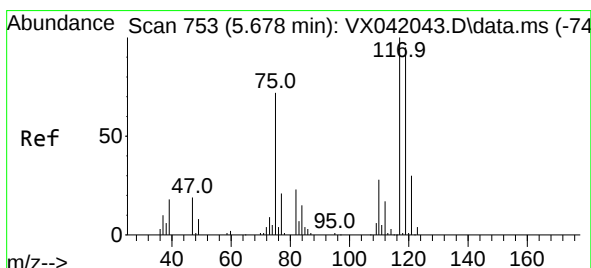
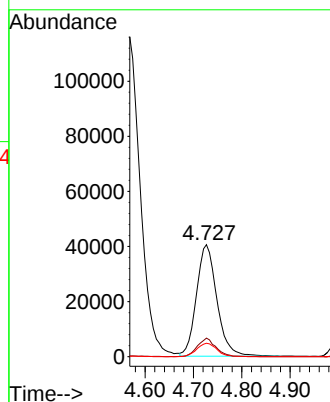
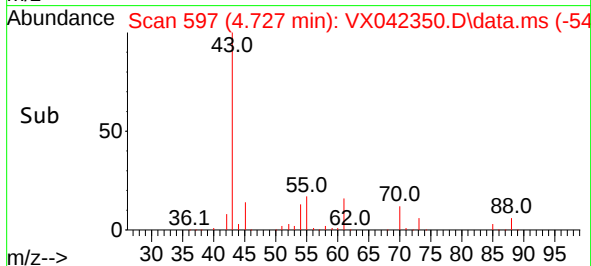
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 118785
Ion Ratio Lower Upper
43 100
61 15.2 10.6 16.0
70 11.9 8.3 12.5

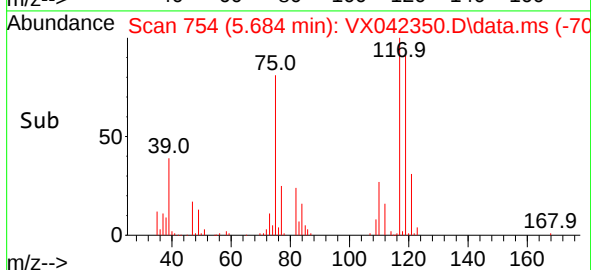
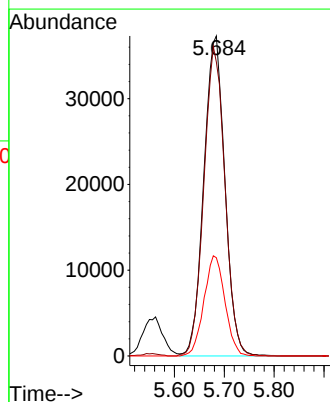
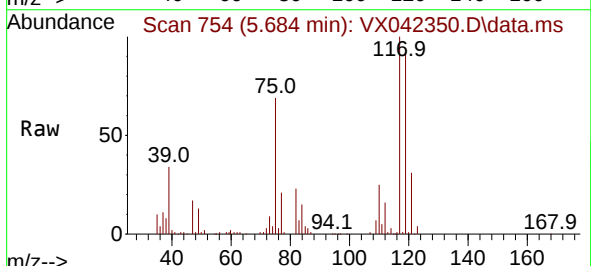
Manual Integrations
APPROVED

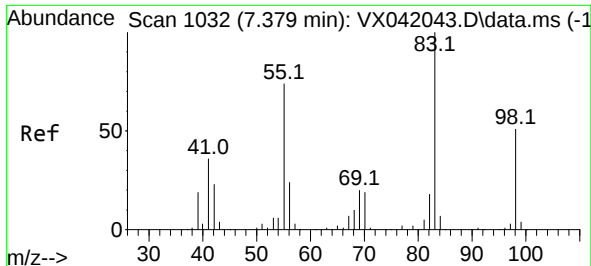
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#38
Carbon Tetrachloride
Concen: 57.458 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion:117 Resp: 109383
Ion Ratio Lower Upper
117 100
119 91.9 78.2 117.2
121 30.7 24.4 36.6





#39

Methylcyclohexane

Concen: 51.388 ug/l

RT: 7.385 min Scan# 11197

Delta R.T. 0.006 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 11197

Ion Ratio Lower Upper

83 100

55 69.9 64.6 97.0

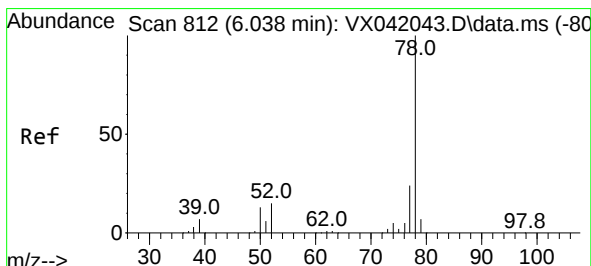
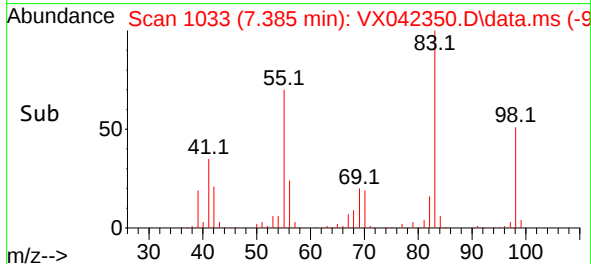
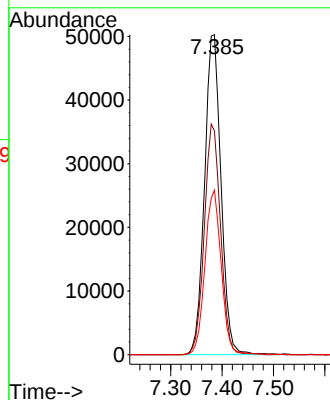
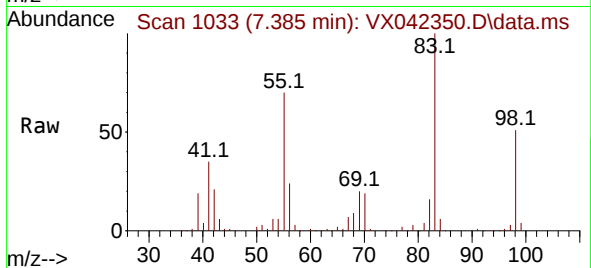
98 51.5 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#40

Benzene

Concen: 51.846 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX042350.D

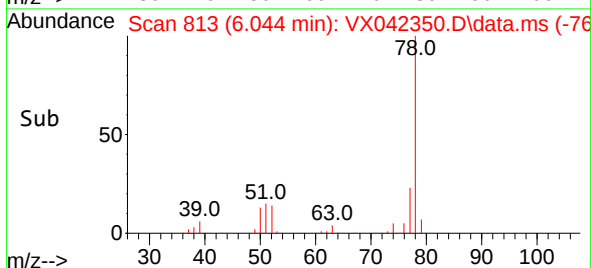
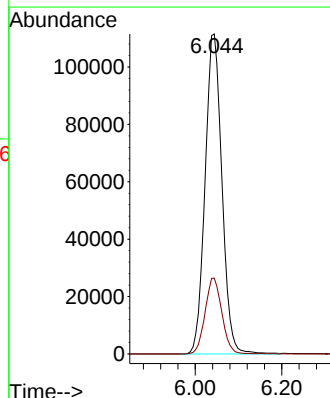
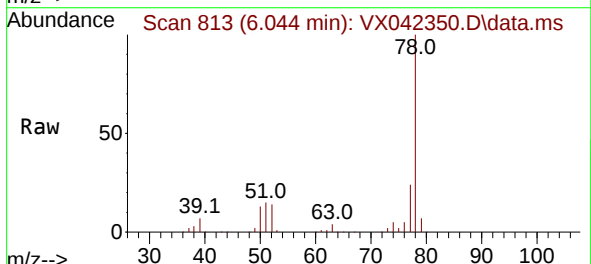
Acq: 16 Jul 2024 18:17

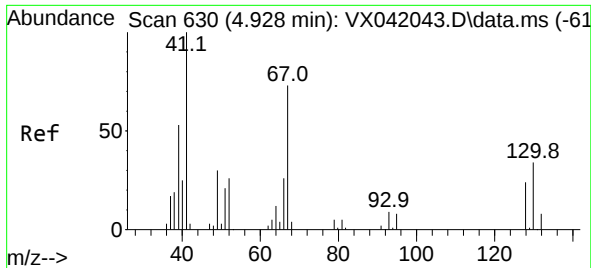
Tgt Ion: 78 Resp: 301279

Ion Ratio Lower Upper

78 100

77 23.7 19.3 28.9





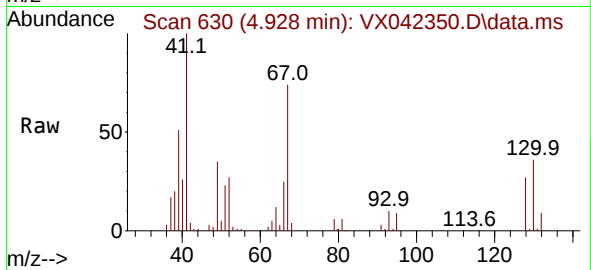
#41
Methacrylonitrile
Concen: 54.302 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



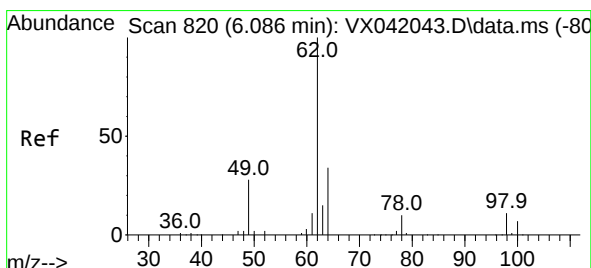
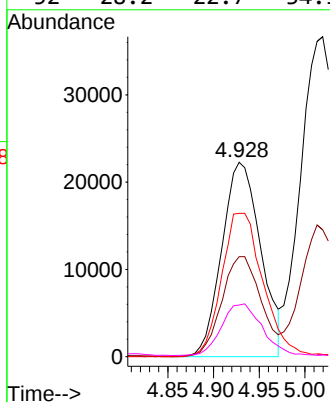
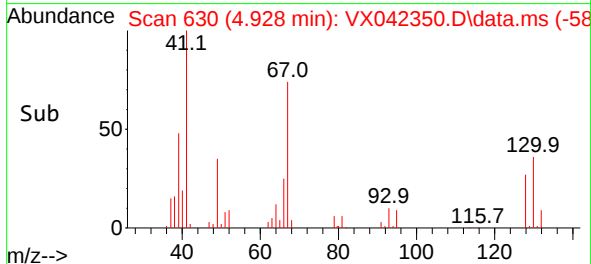
Tgt Ion: 41 Resp: 6606
Ion Ratio Lower Upper
41 100
39 51.9 45.2 67.8
67 79.2 52.6 78.8
52 28.2 22.7 34.1

Manual Integrations

APPROVED

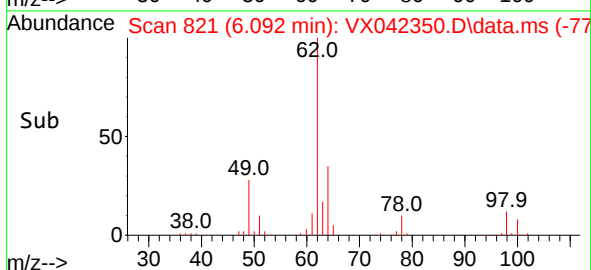
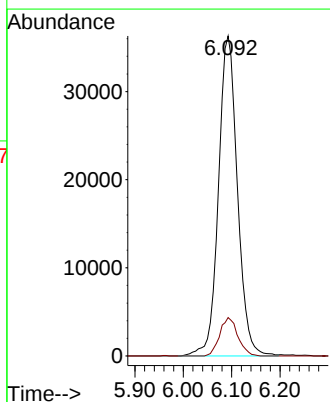
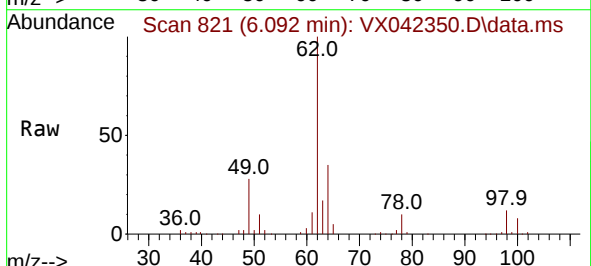
Reviewed By :John Carlone 07/17/2024

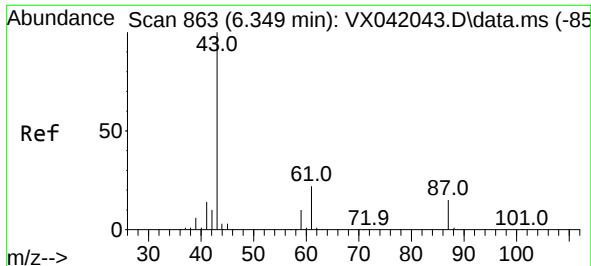
Supervised By :Mahesh Dadoda 07/17/2024



#42
1,2-Dichloroethane
Concen: 52.803 ug/l
RT: 6.092 min Scan# 821
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

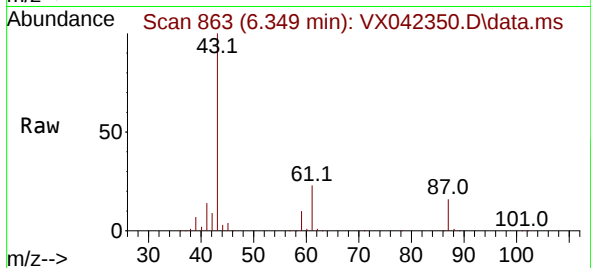
Tgt Ion: 62 Resp: 98837
Ion Ratio Lower Upper
62 100
98 11.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 52.759 ug/l
RT: 6.349 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

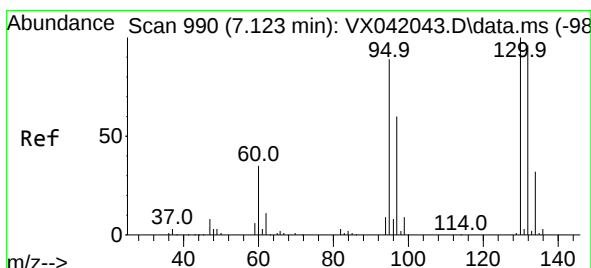
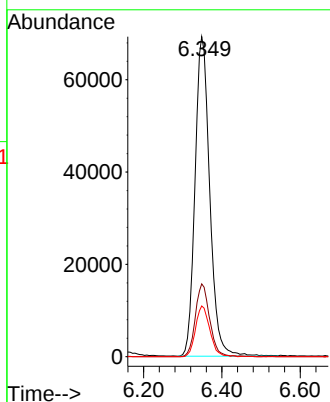
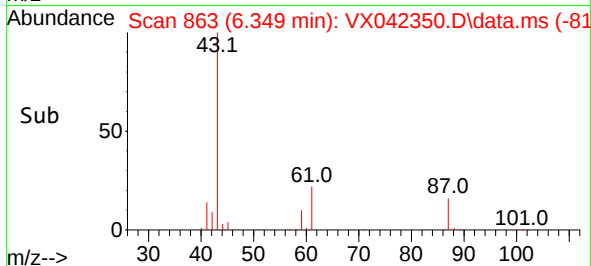
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 181762
Ion Ratio Lower Upper
43 100
61 22.2 15.2 22.8
87 15.3 9.8 14.6

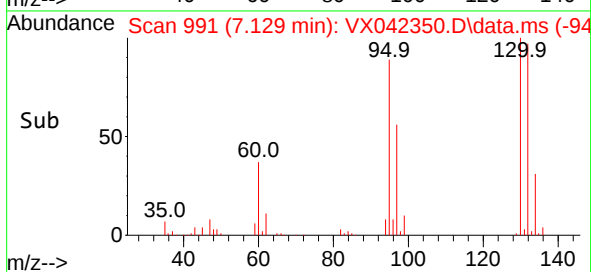
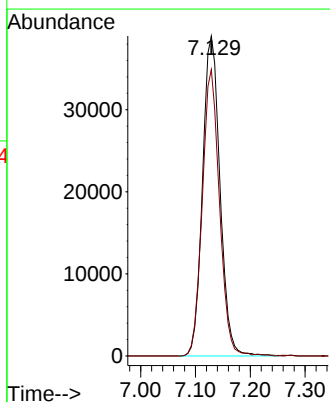
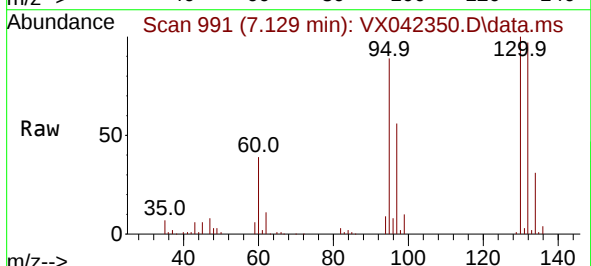
Manual Integrations
APPROVED

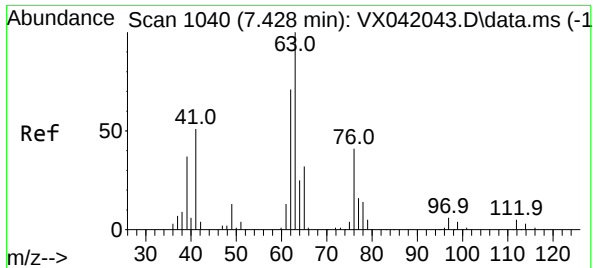
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#44
Trichloroethene
Concen: 55.193 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion:130 Resp: 85972
Ion Ratio Lower Upper
130 100
95 89.5 0.0 204.4





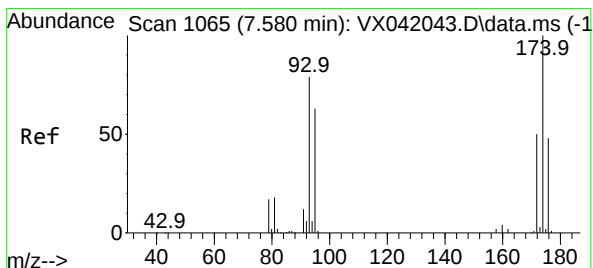
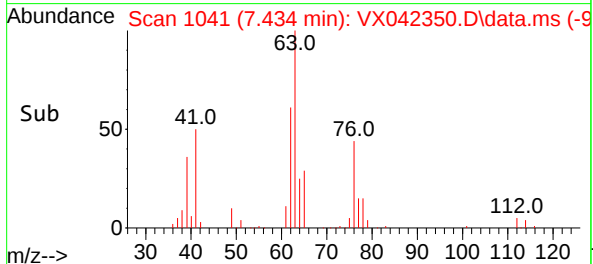
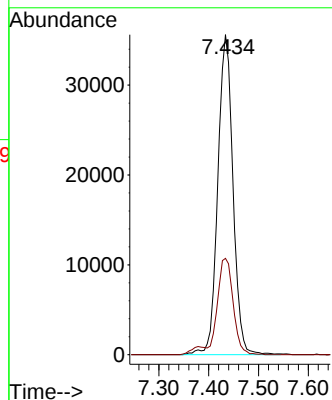
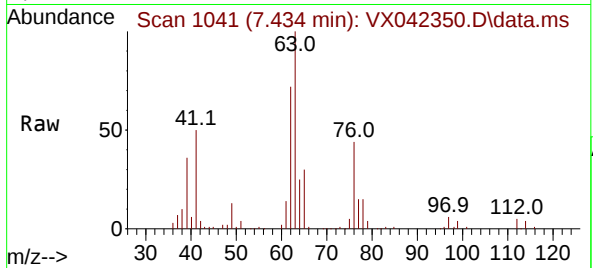
#45
1,2-Dichloropropane
Concen: 52.691 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 7528
Ion Ratio Lower Upper
63 100
65 30.1 24.3 36.5

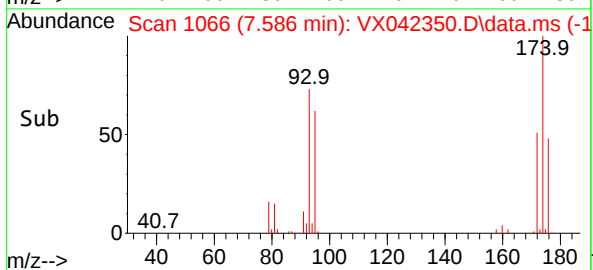
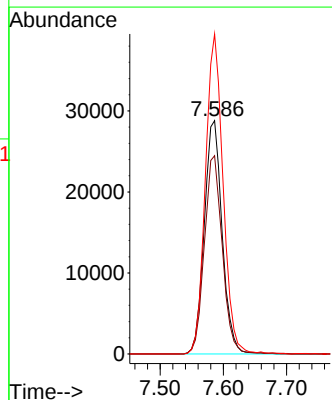
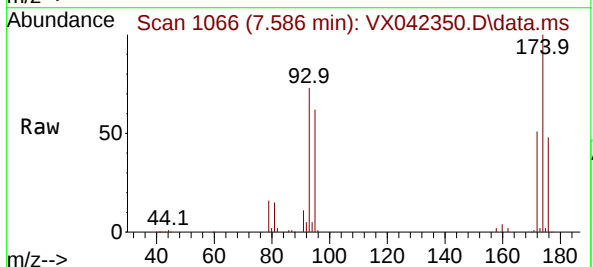
Manual Integrations
APPROVED

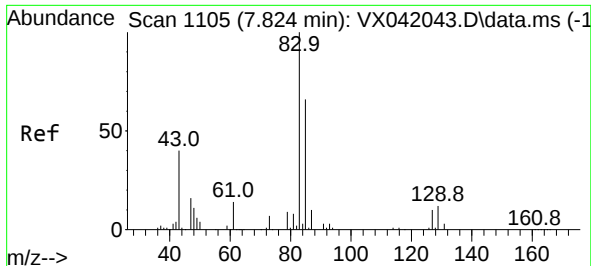
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#46
Dibromomethane
Concen: 54.620 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

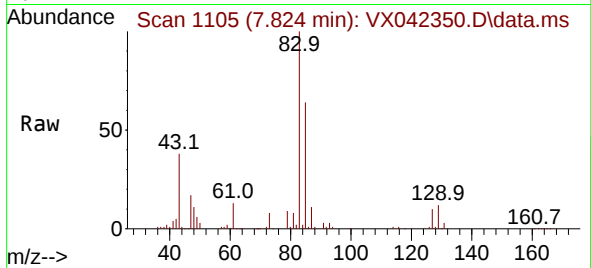
Tgt Ion: 93 Resp: 56864
Ion Ratio Lower Upper
93 100
95 84.9 66.6 100.0
174 135.2 69.4 104.0#





#47
Bromodichloromethane
Concen: 57.466 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

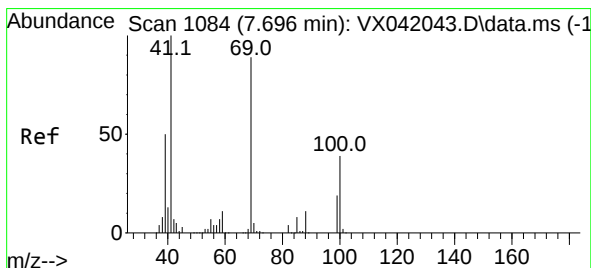
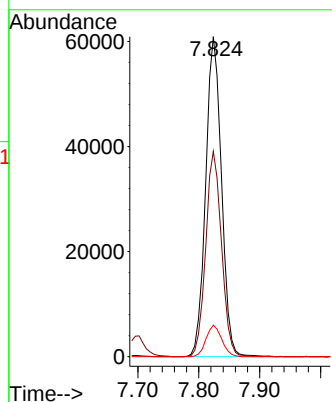
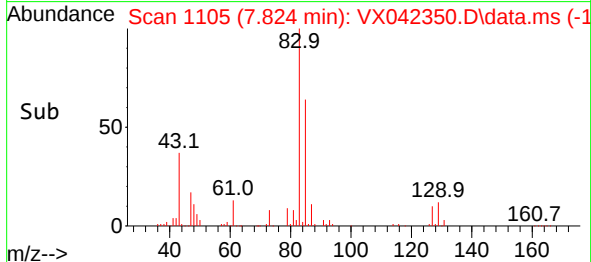
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 10984
Ion Ratio Lower Upper
83 100
85 64.1 49.8 74.6
127 9.8 7.1 10.7

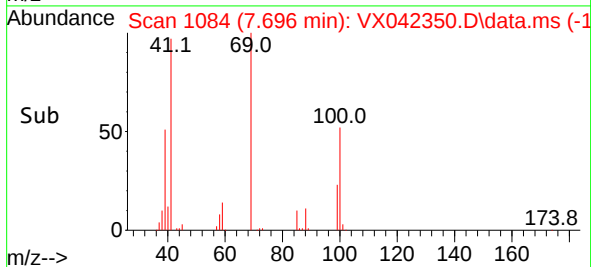
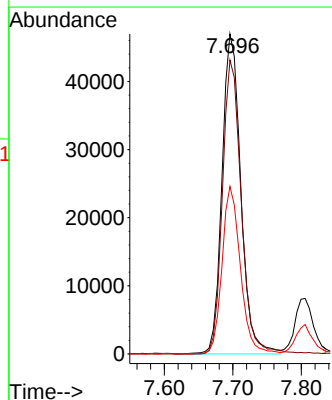
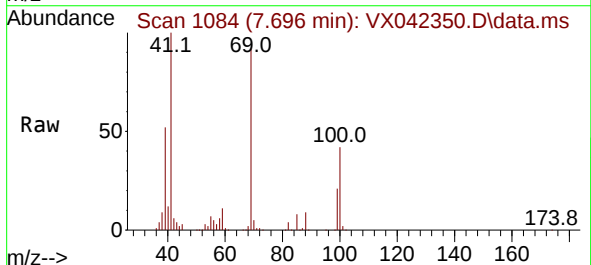
Manual Integrations
APPROVED

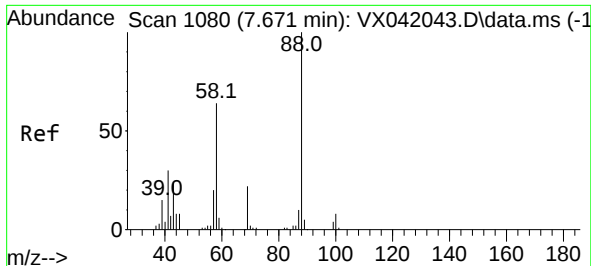
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#48
Methyl methacrylate
Concen: 54.313 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion: 41 Resp: 89301
Ion Ratio Lower Upper
41 100
69 92.2 59.2 88.8
39 51.1 47.7 71.5





#49

1,4-Dioxane

Concen: 1029.084 ug/l

RT: 7.665 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

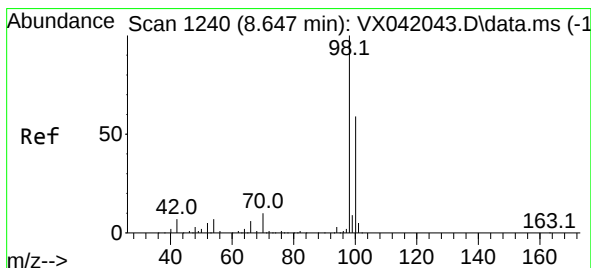
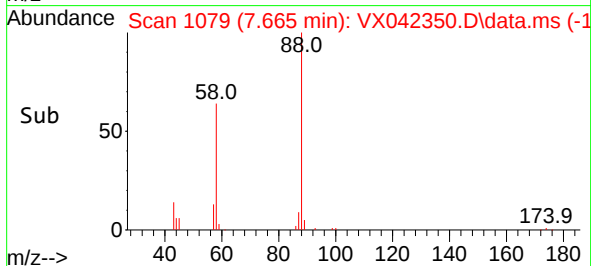
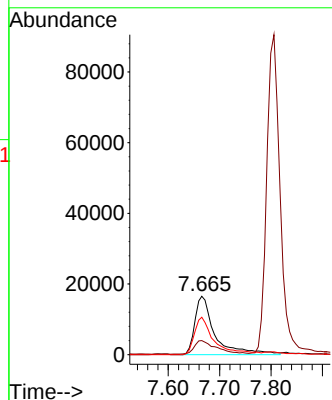
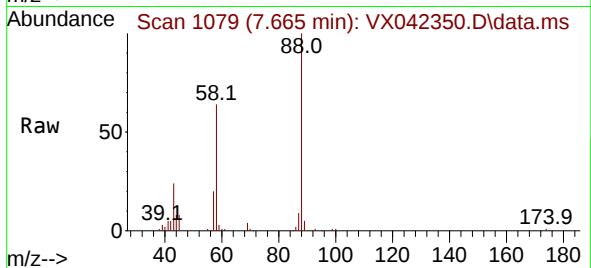
Tgt Ion: 88 Resp: 44790
 Ion Ratio Lower Upper
 88 100
 43 26.0 0.0 0.0
 58 63.1 60.1 90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#50

Toluene-d8

Concen: 50.378 ug/l

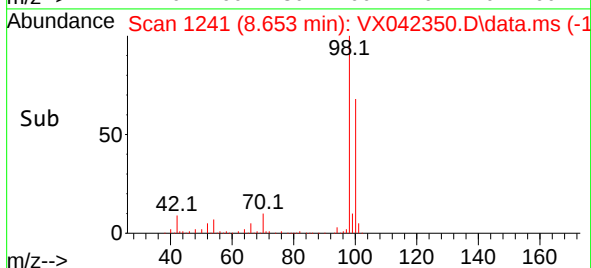
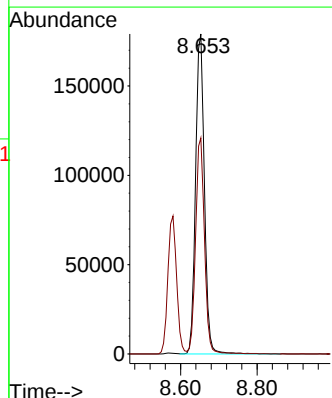
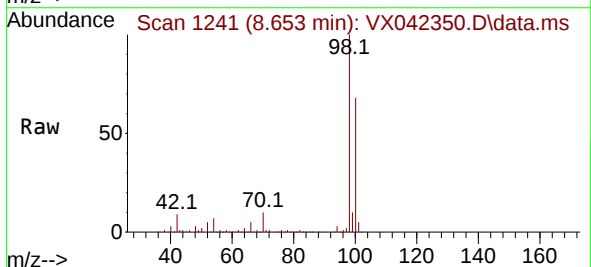
RT: 8.653 min Scan# 1241

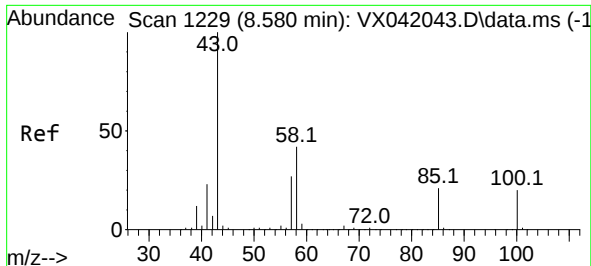
Delta R.T. 0.006 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

Tgt Ion: 98 Resp: 287161
 Ion Ratio Lower Upper
 98 100
 100 67.5 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 264.421 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

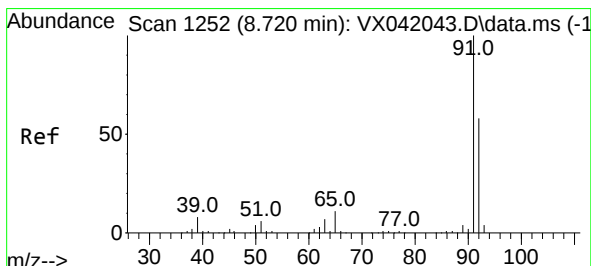
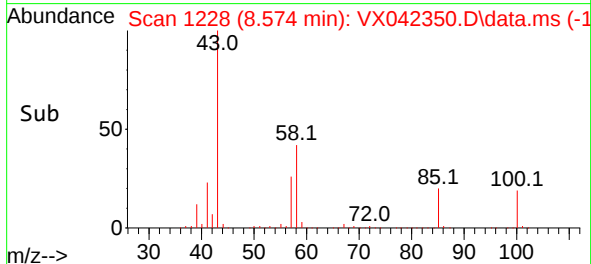
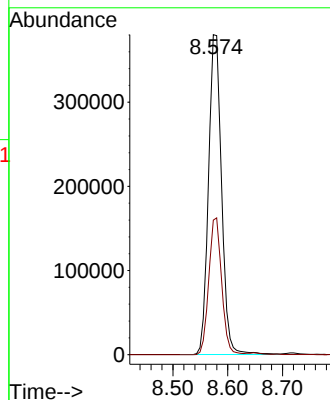
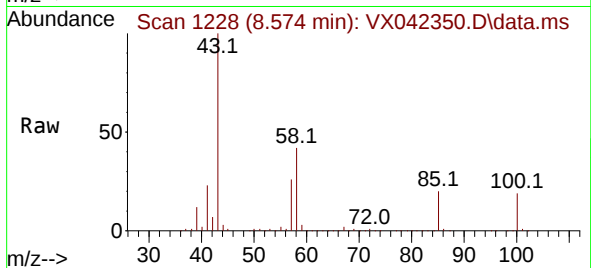
Tgt Ion: 43 Resp: 62751
Ion Ratio Lower Upper
43 100
58 42.0 30.4 45.6

Manual Integrations

APPROVED

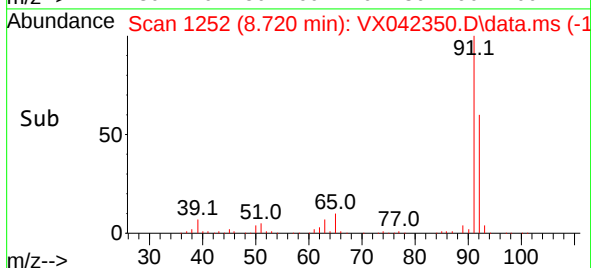
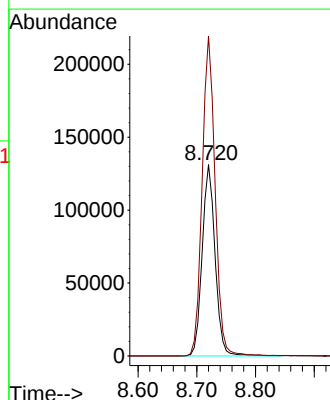
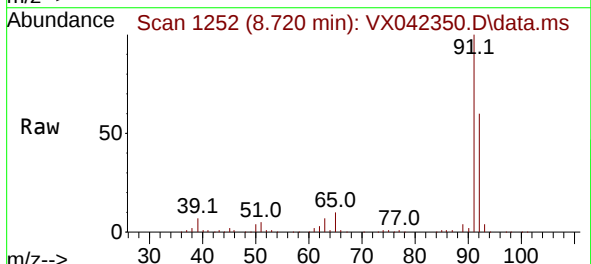
Reviewed By :John Carlone 07/17/2024

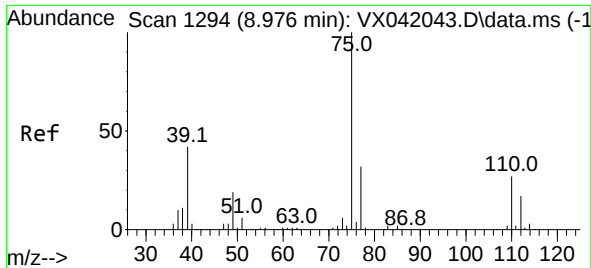
Supervised By :Mahesh Dadoda 07/17/2024



#52
Toluene
Concen: 53.946 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion: 92 Resp: 199621
Ion Ratio Lower Upper
92 100
91 168.7 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 52.837 ug/l
RT: 8.982 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

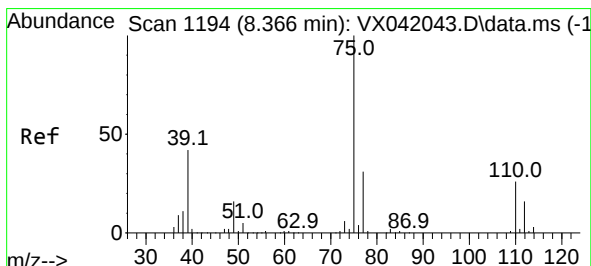
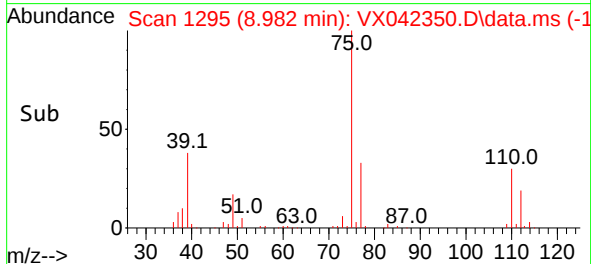
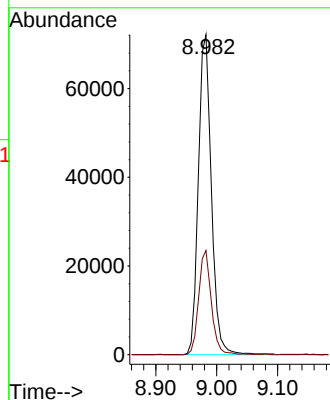
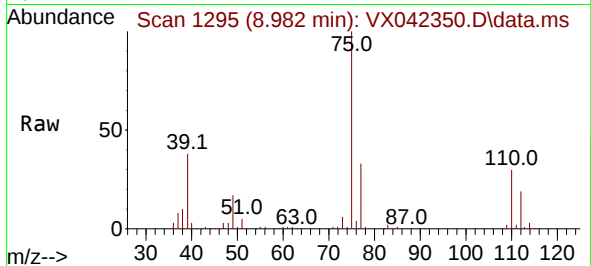
VSTDCCC050EC

Tgt Ion: 75 Resp: 107083
Ion Ratio Lower Upper
75 100
77 32.6 25.7 38.5

Manual Integrations

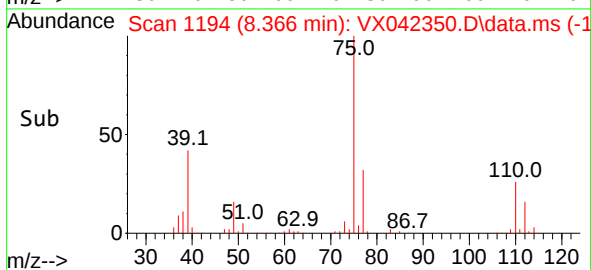
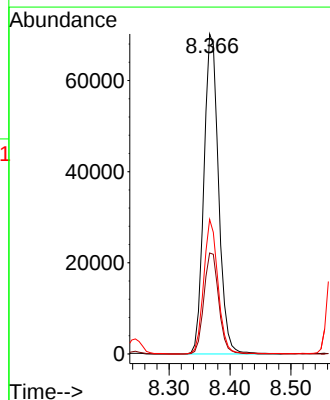
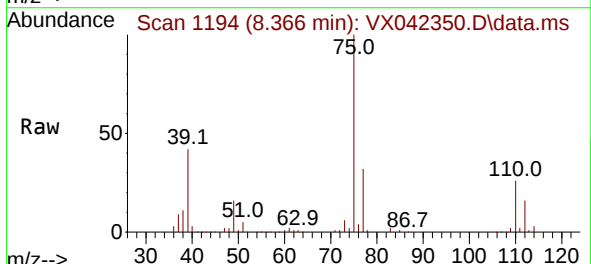
APPROVED

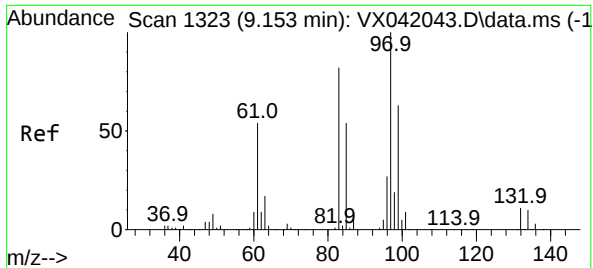
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#54
cis-1,3-Dichloropropene
Concen: 56.368 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

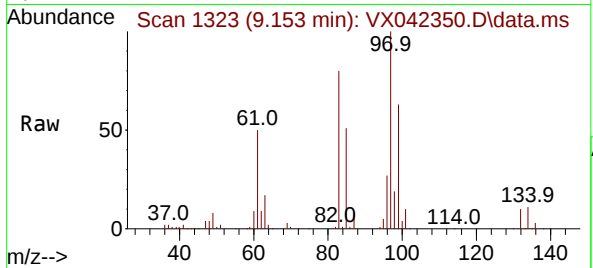
Tgt Ion: 75 Resp: 117960
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 42.1 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 55.360 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

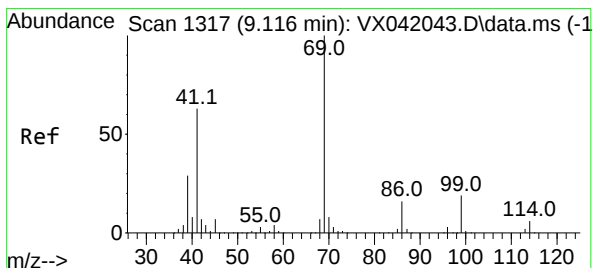
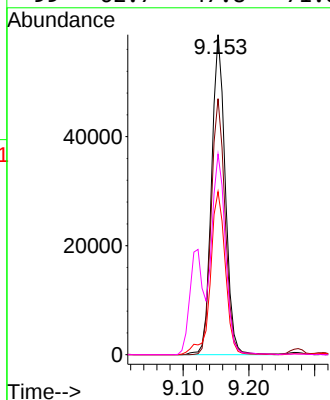
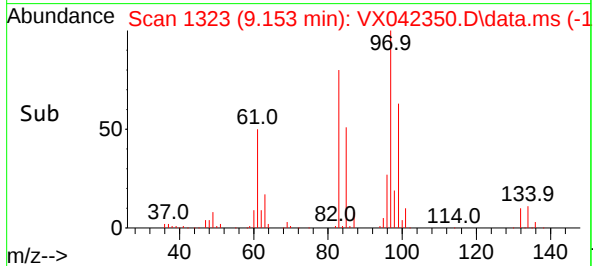
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



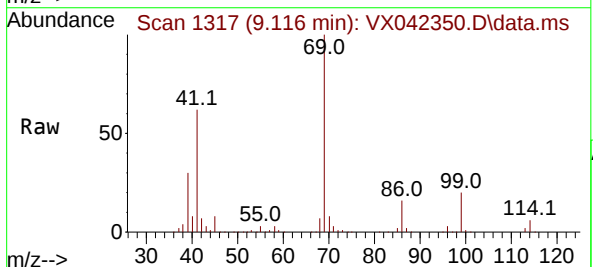
Tgt Ion:	97	Resp:	85340
Ion	Ratio	Lower	Upper
97	100		
83	80.0	65.8	98.8
85	50.9	41.6	62.4
99	62.7	47.8	71.8

Manual Integrations
APPROVED

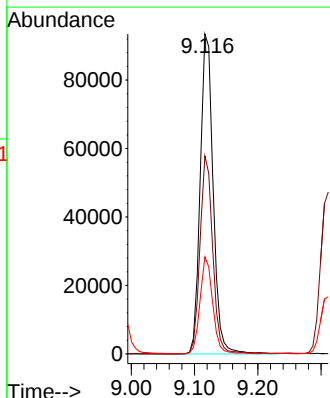
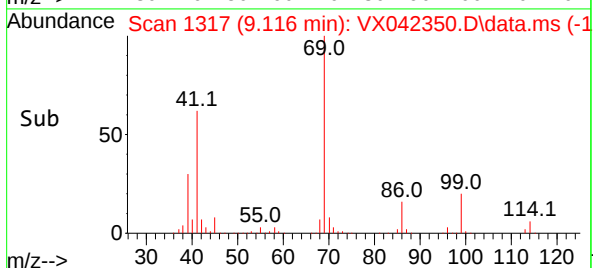
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

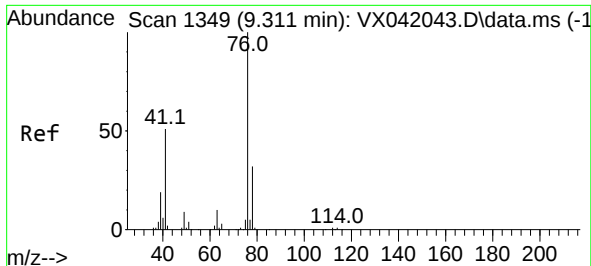


#56
Ethyl methacrylate
Concen: 55.777 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17



Tgt Ion:	69	Resp:	133763
Ion	Ratio	Lower	Upper
69	100		
41	61.1	56.8	85.2
39	29.5	32.0	48.0





#57
1,3-Dichloropropane
Concen: 53.573 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

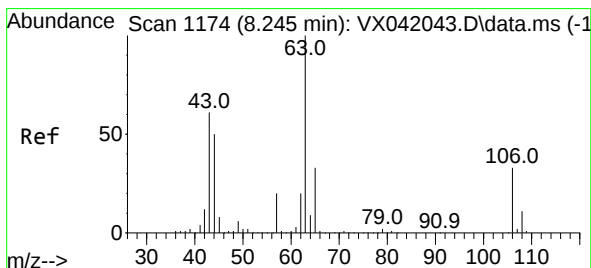
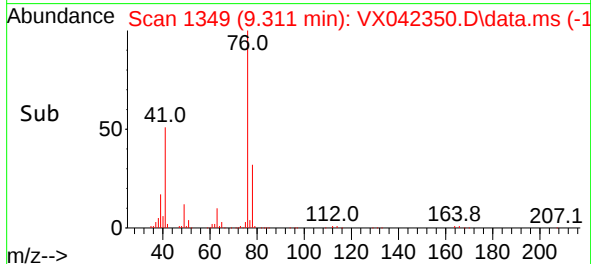
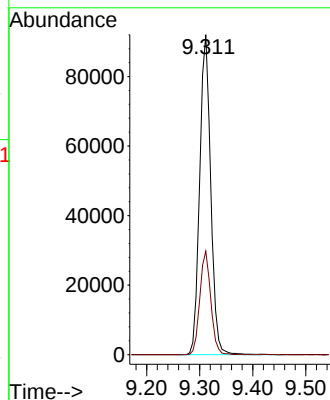
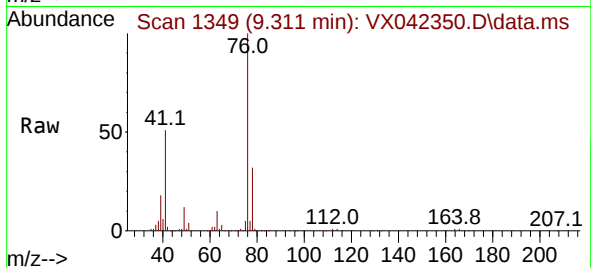
Tgt Ion: 76 Resp: 133420
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1

Manual Integrations

APPROVED

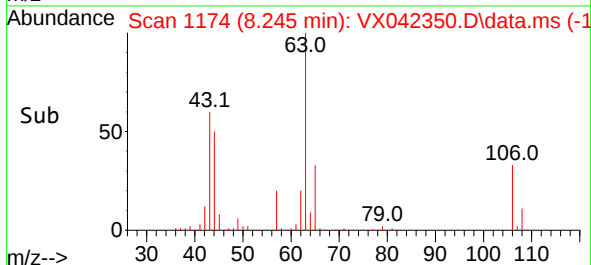
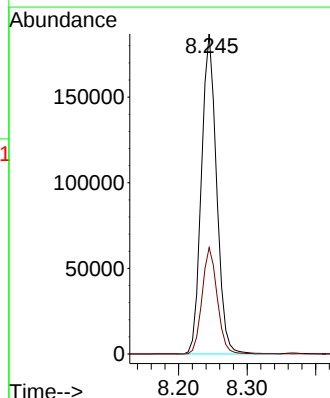
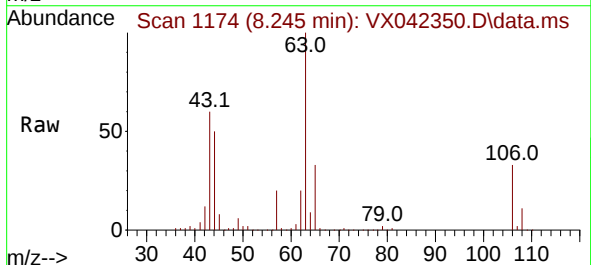
Reviewed By :John Carlone 07/17/2024

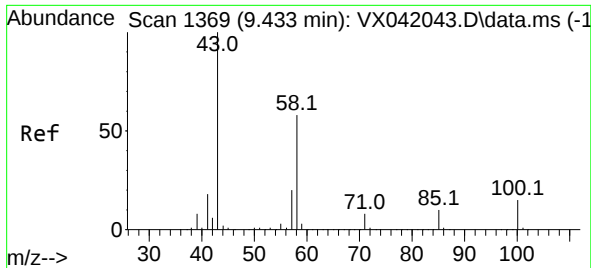
Supervised By :Mahesh Dadoda 07/17/2024



#58
2-Chloroethyl Vinyl ether
Concen: 257.899 ug/l
RT: 8.245 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion: 63 Resp: 288221
Ion Ratio Lower Upper
63 100
106 33.1 22.5 33.7





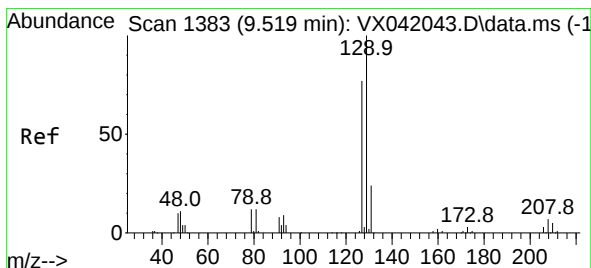
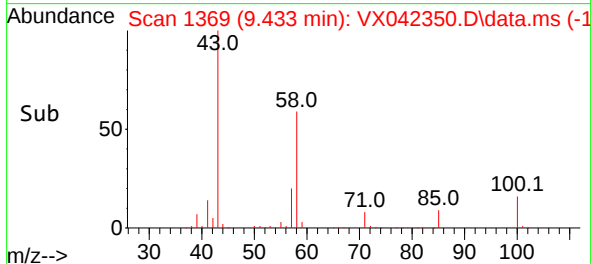
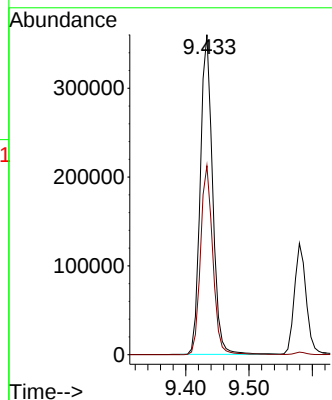
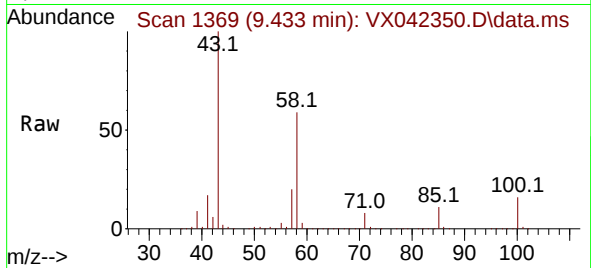
#59
2-Hexanone
Concen: 268.362 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 48778
Ion Ratio Lower Upper
43 100
58 59.0 26.2 78.5

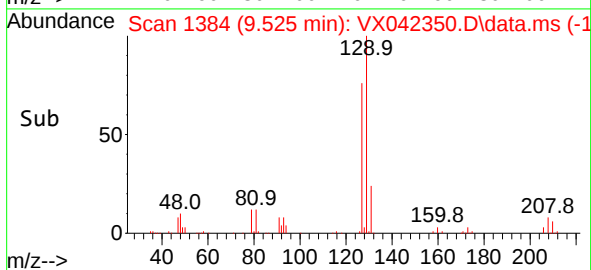
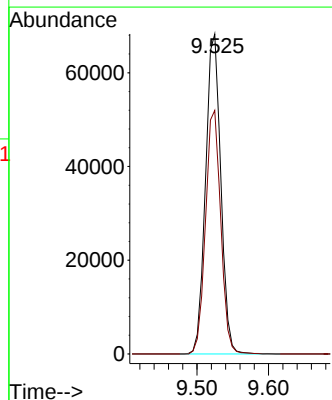
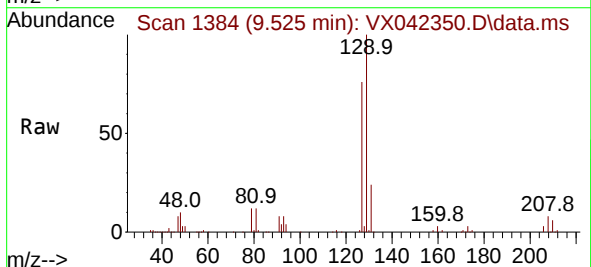
Manual Integrations
APPROVED

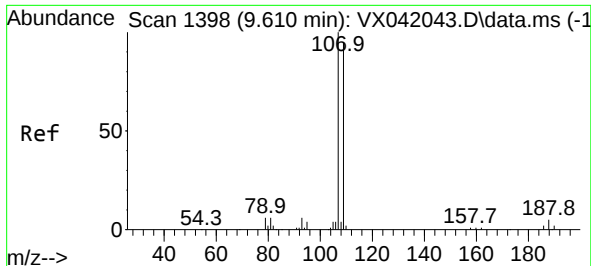
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#60
Dibromochloromethane
Concen: 60.316 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

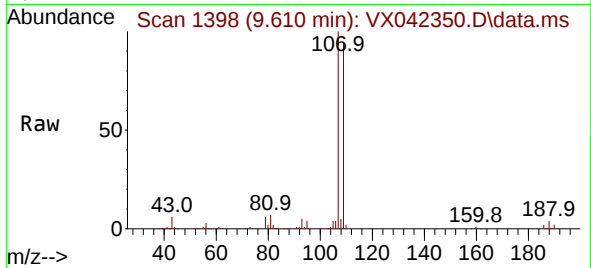
Tgt Ion:129 Resp: 100998
Ion Ratio Lower Upper
129 100
127 76.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.503 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

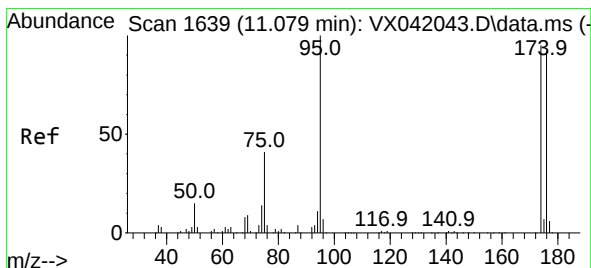
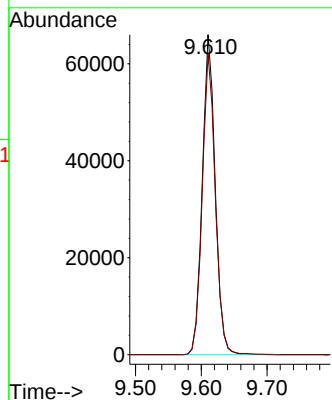
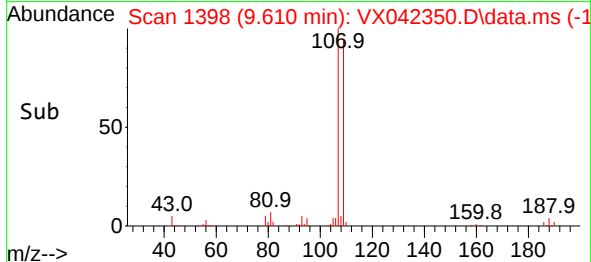
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 90330
Ion Ratio Lower Upper
107 100
109 94.8 75.2 112.8

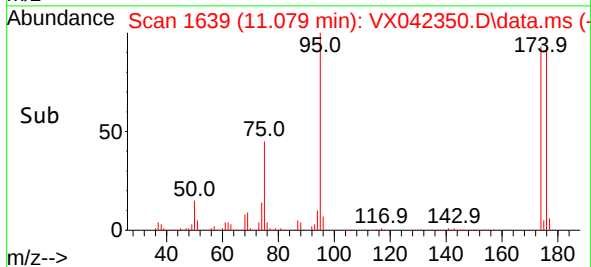
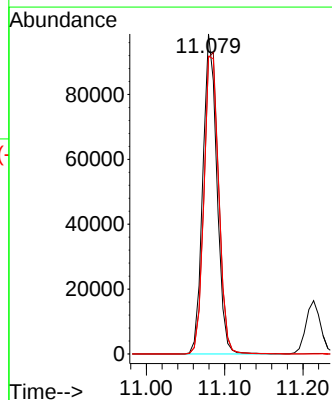
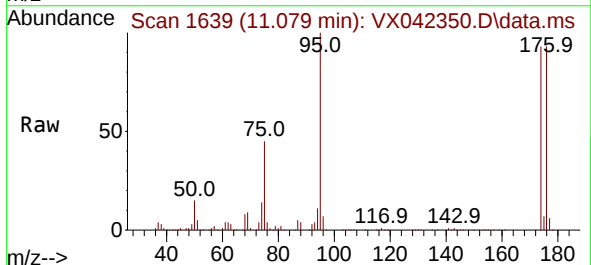
Manual Integrations
APPROVED

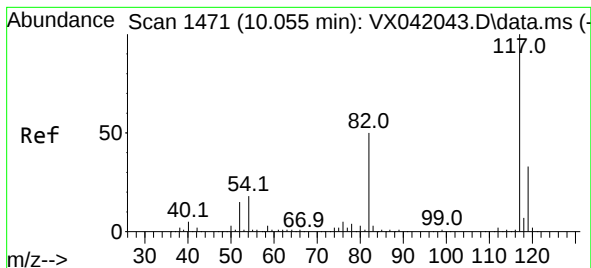
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#62
4-Bromofluorobenzene
Concen: 58.291 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

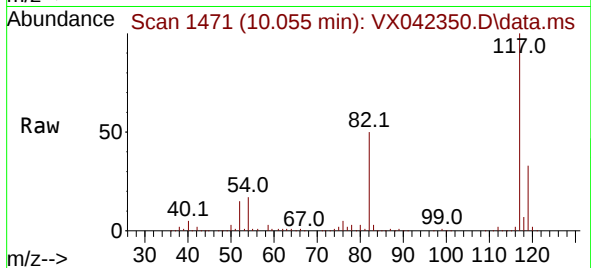
Tgt Ion: 95 Resp: 122481
Ion Ratio Lower Upper
95 100
174 99.5 0.0 135.6
176 98.1 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

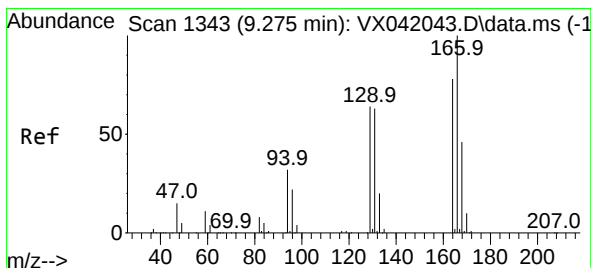
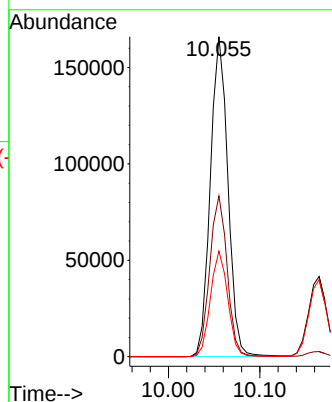
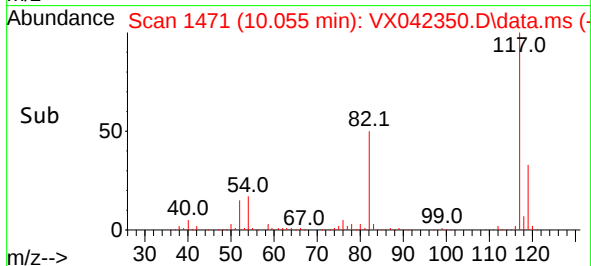
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 221339
Ion Ratio Lower Upper
117 100
82 50.3 46.2 69.4
119 33.0 25.5 38.3

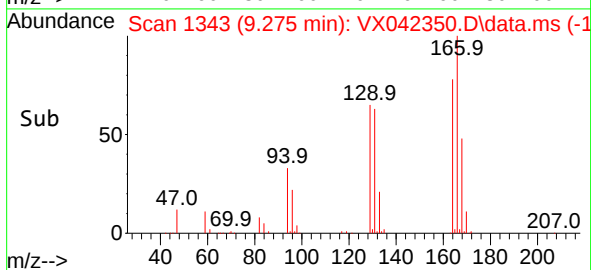
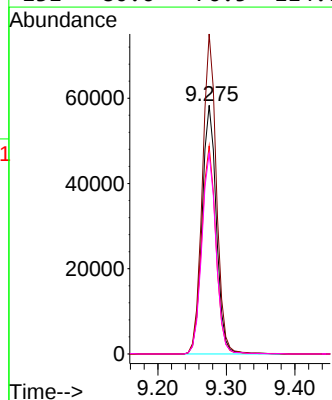
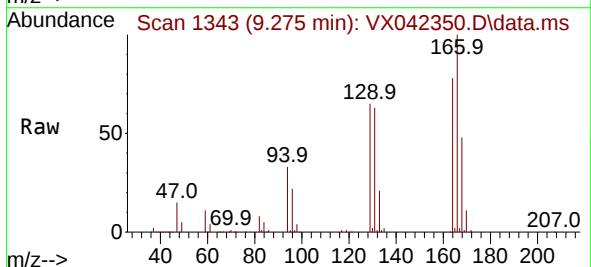
Manual Integrations
APPROVED

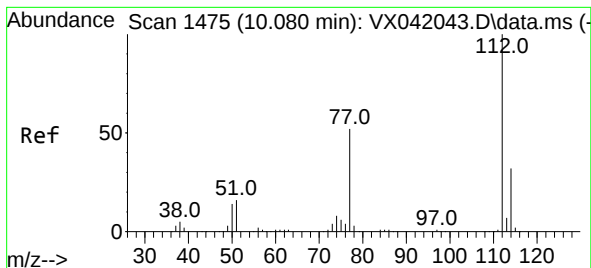
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#64
Tetrachloroethene
Concen: 52.512 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

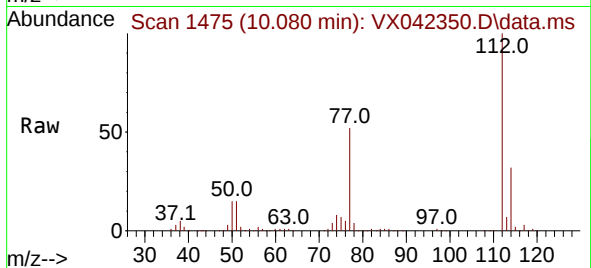
Tgt Ion:164 Resp: 84626
Ion Ratio Lower Upper
164 100
166 128.7 102.7 154.1
129 83.7 80.4 120.6
131 80.6 76.5 114.7





#65
Chlorobenzene
Concen: 51.348 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

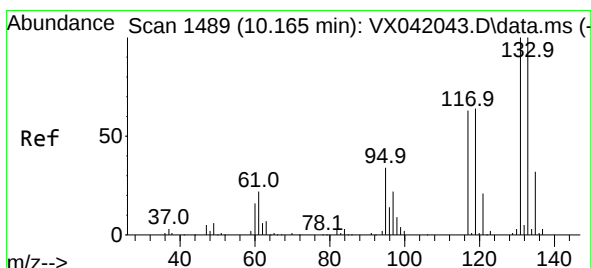
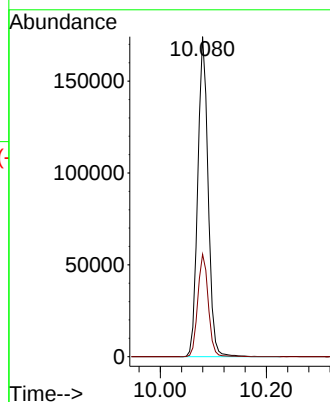
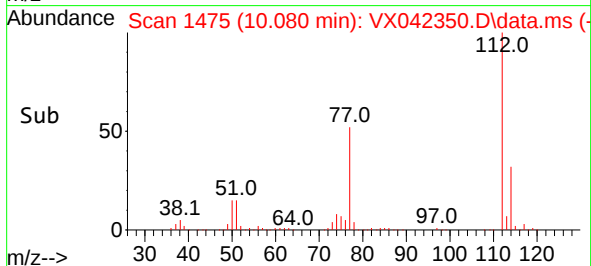
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



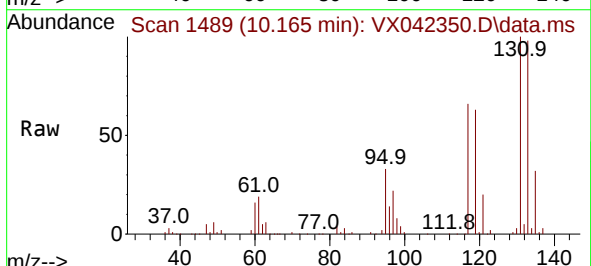
Tgt Ion:112 Resp: 236372
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

Manual Integrations
APPROVED

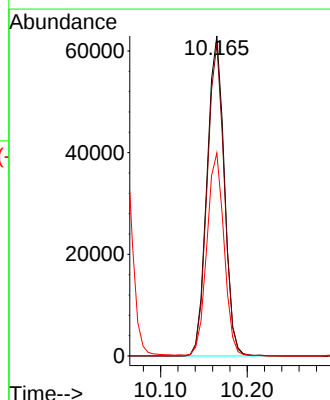
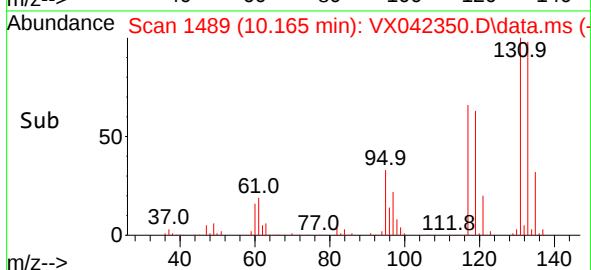
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

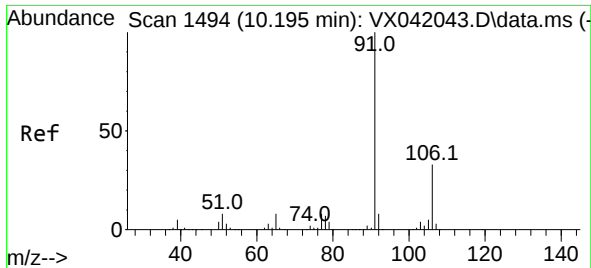


#66
1,1,1,2-Tetrachloroethane
Concen: 54.249 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17



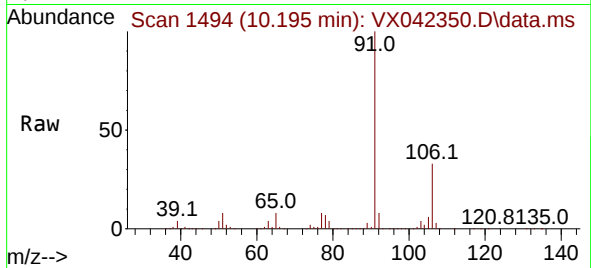
Tgt Ion:131 Resp: 87432
Ion Ratio Lower Upper
131 100
133 96.2 47.1 141.4
119 62.9 32.2 96.6





#67
Ethyl Benzene
Concen: 52.123 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

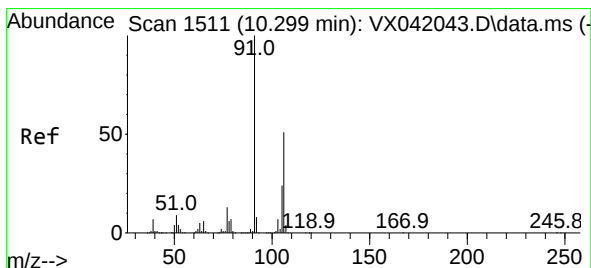
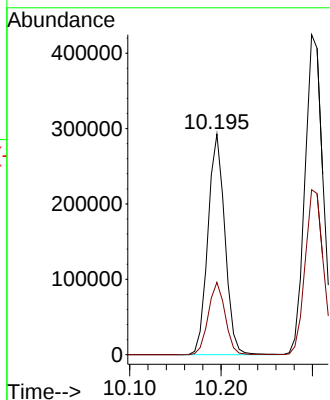
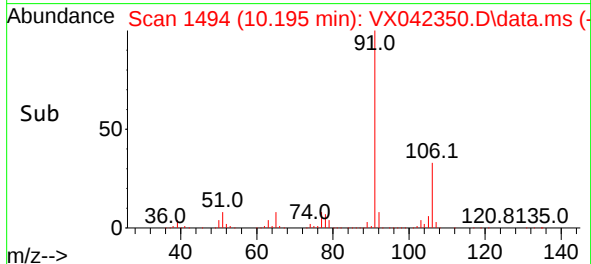
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 376020
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

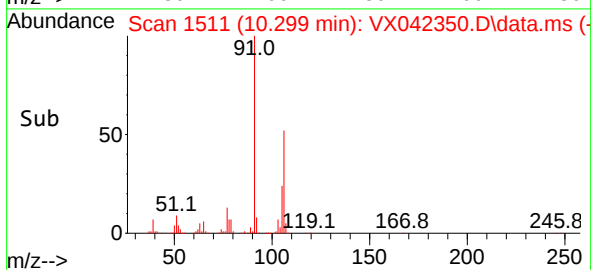
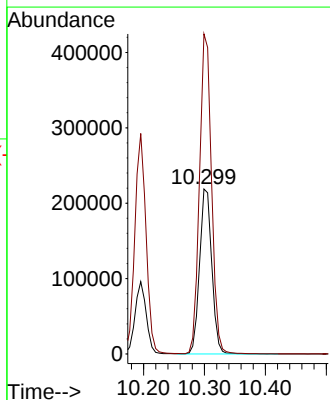
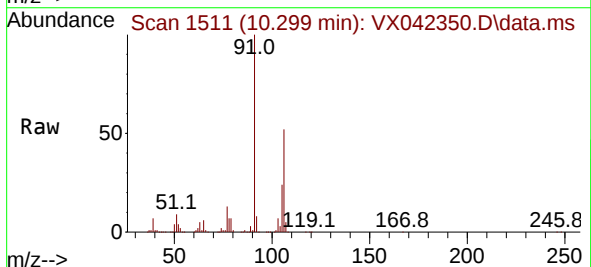
Manual Integrations
APPROVED

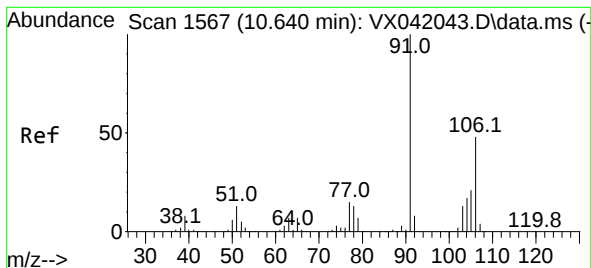
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#68
m/p-Xylenes
Concen: 104.654 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

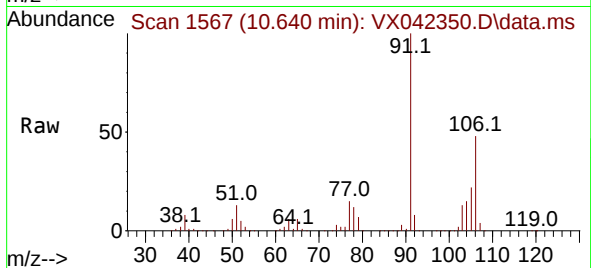
Tgt Ion:106 Resp: 304769
Ion Ratio Lower Upper
106 100
91 192.1 165.5 248.3





#69
o-Xylene
Concen: 51.472 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

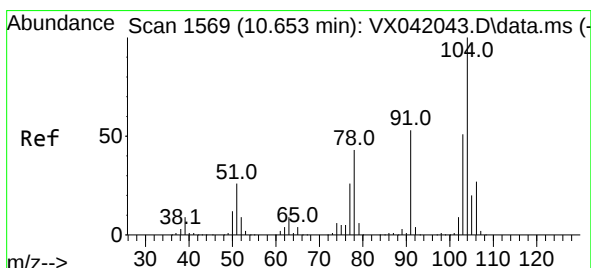
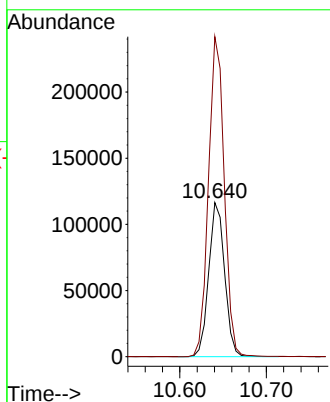
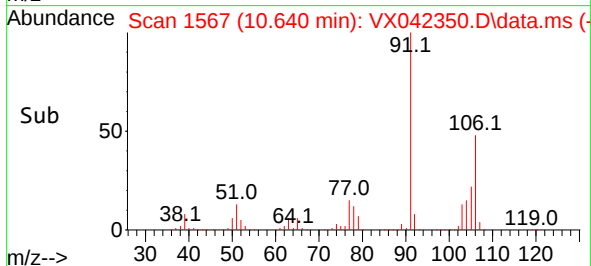
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 14840
Ion Ratio Lower Upper
106 100
91 206.5 108.9 326.8

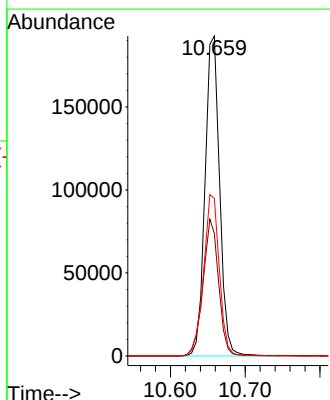
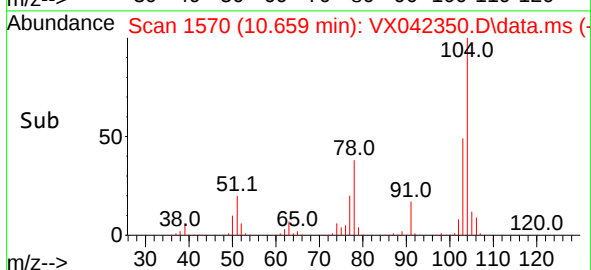
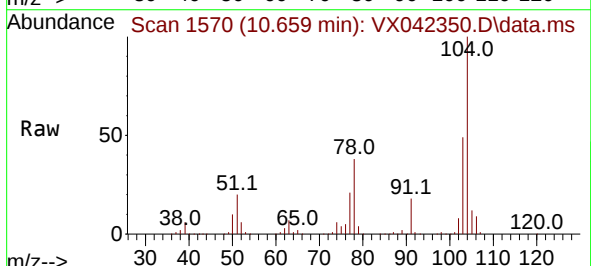
Manual Integrations
APPROVED

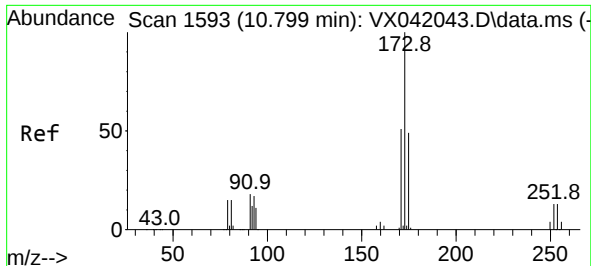
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#70
Styrene
Concen: 54.131 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

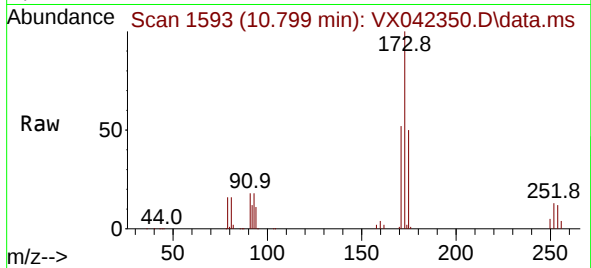
Tgt Ion:104 Resp: 261709
Ion Ratio Lower Upper
104 100
78 45.6 43.6 65.4
103 54.5 43.6 65.4





#71
Bromoform
Concen: 53.585 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

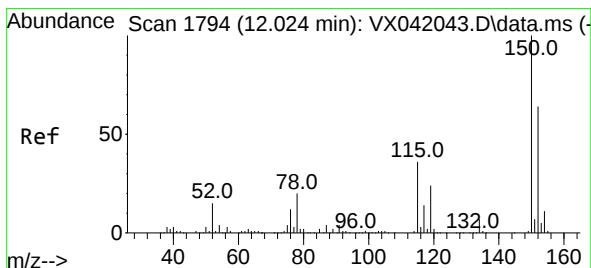
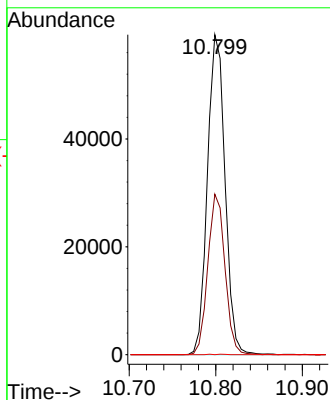
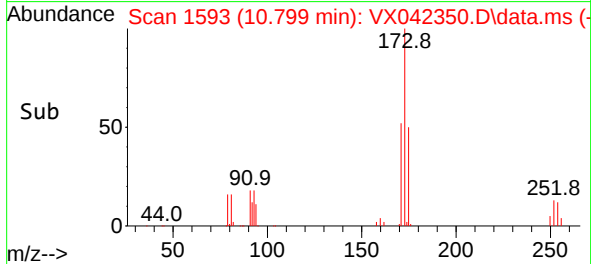
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 83689
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.0 0.0 0.0

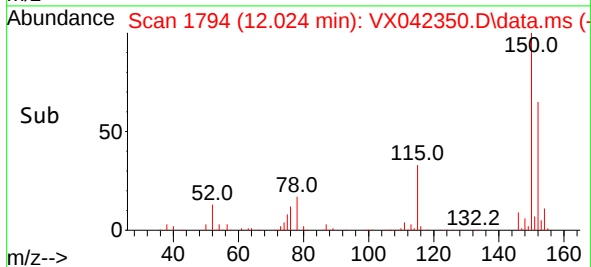
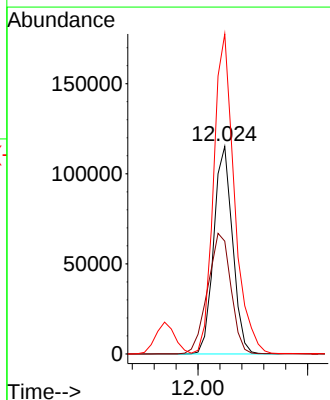
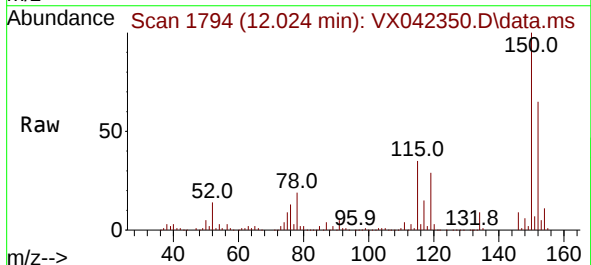
Manual Integrations
APPROVED

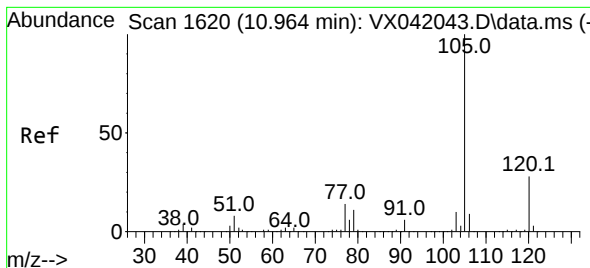
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion:152 Resp: 137364
Ion Ratio Lower Upper
152 100
115 72.1 43.3 129.9
150 170.3 0.0 345.0





#73

Isopropylbenzene

Concen: 46.489 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 38829

Ion Ratio Lower Upper

105 100

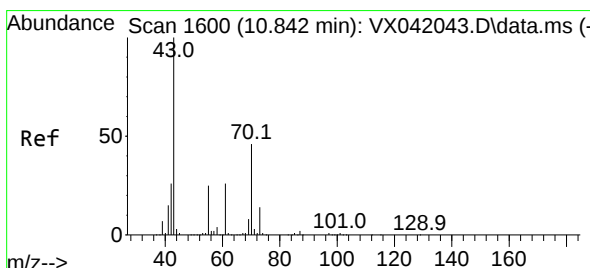
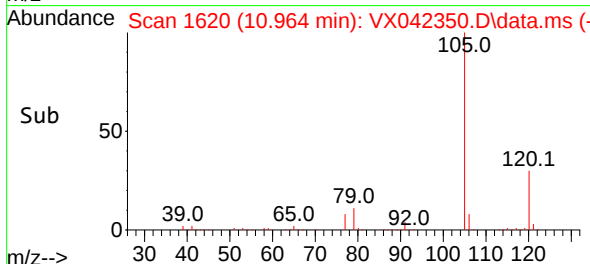
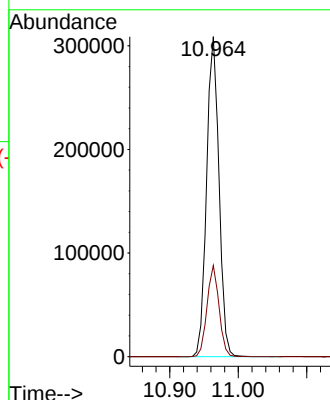
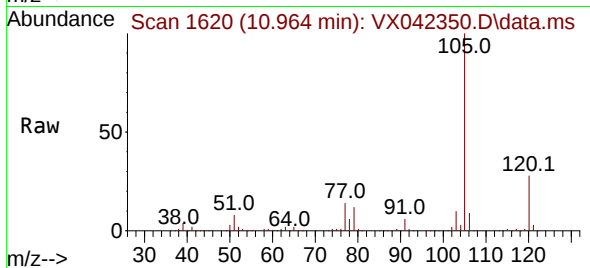
120 27.6 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#74

N-ethyl acetate

Concen: 43.946 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

Tgt Ion: 43 Resp: 163041

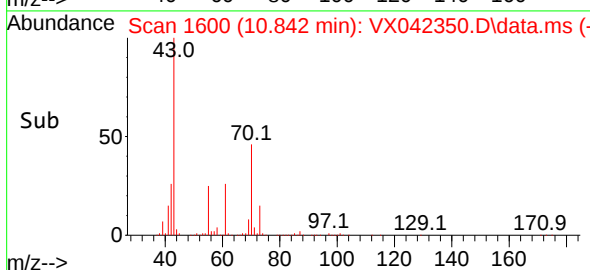
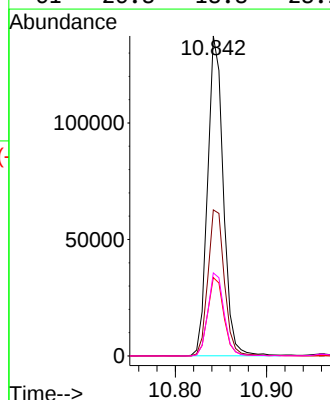
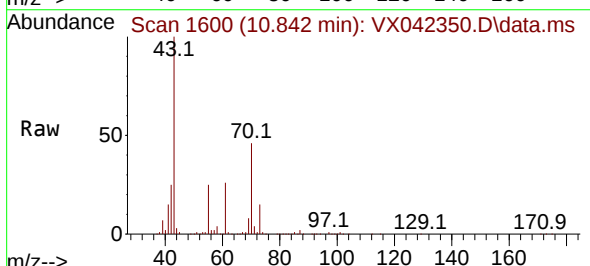
Ion Ratio Lower Upper

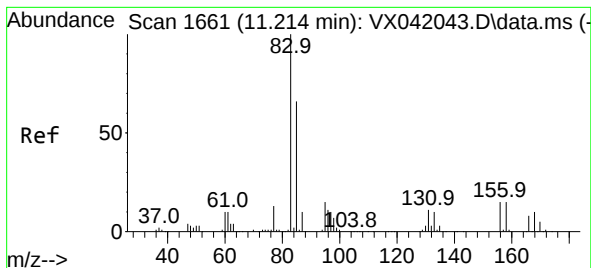
43 100

70 48.4 32.9 49.3

55 25.6 19.3 28.9

61 26.8 18.8 28.2





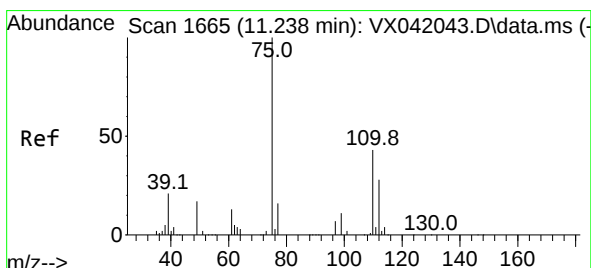
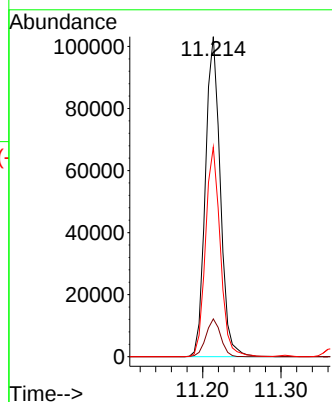
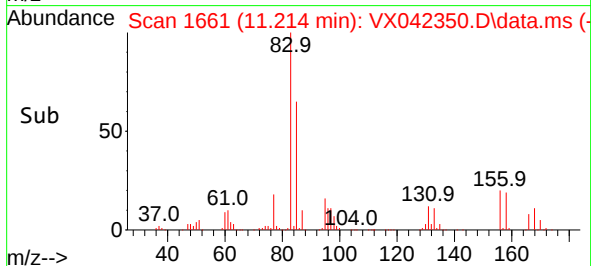
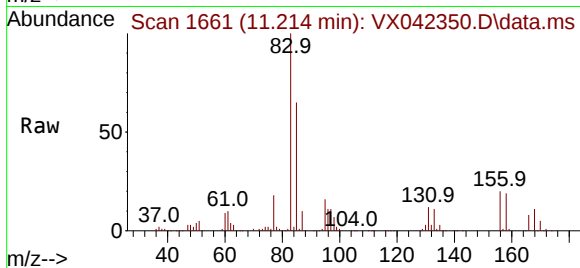
#75
1,1,2,2-Tetrachloroethane
Concen: 43.795 ug/l
RT: 11.214 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 13601
Ion Ratio Lower Upper
83 100
131 11.7 5.3 15.8
85 65.0 32.0 96.2

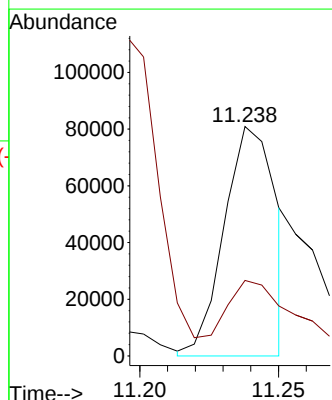
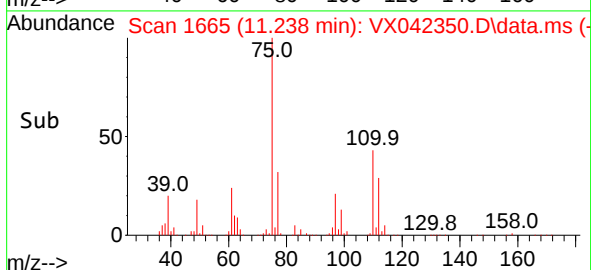
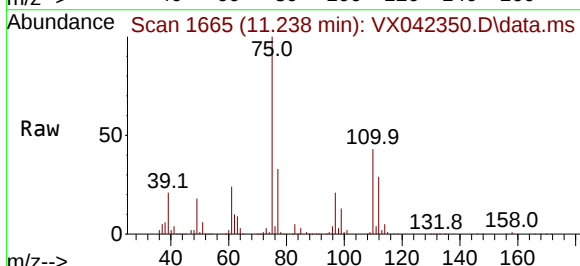
Manual Integrations
APPROVED

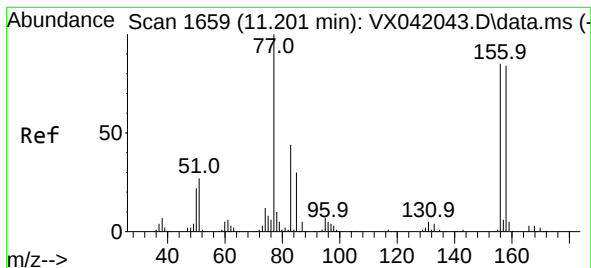
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#76
1,2,3-Trichloropropane
Concen: 42.119 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion: 75 Resp: 105032
Ion Ratio Lower Upper
75 100
77 45.7 19.1 57.5





#77

Bromobenzene

Concen: 46.504 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

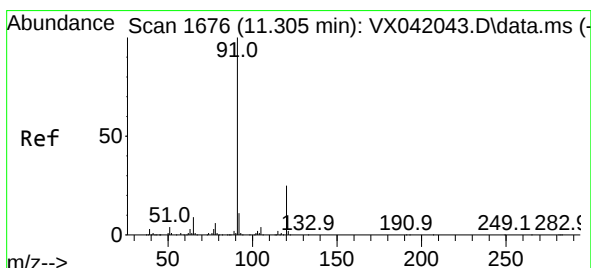
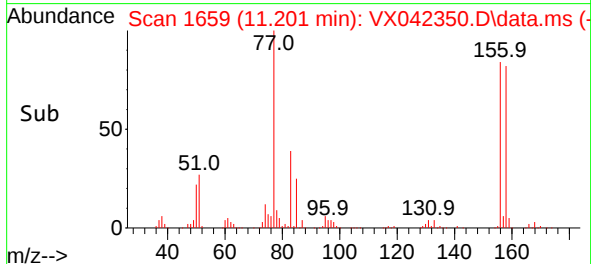
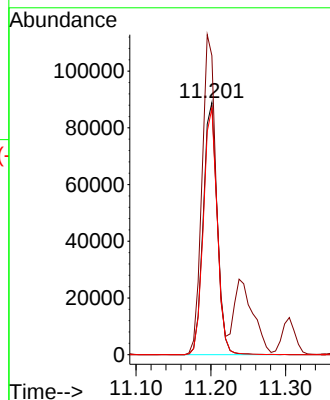
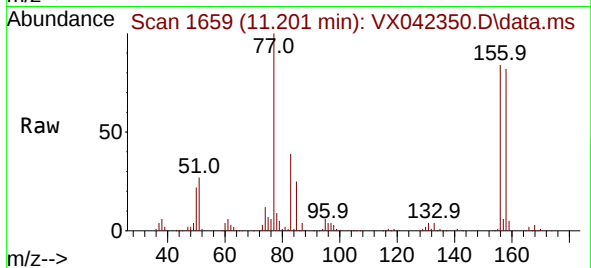
Tgt Ion:	156	Resp:	115680
Ion Ratio	Lower	Upper	
156	100		
77	126.6	88.4	265.3
158	97.3	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#78

n-propylbenzene

Concen: 47.423 ug/l

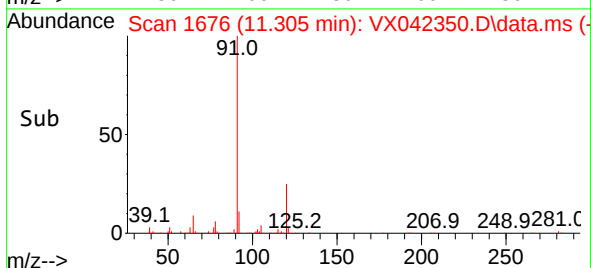
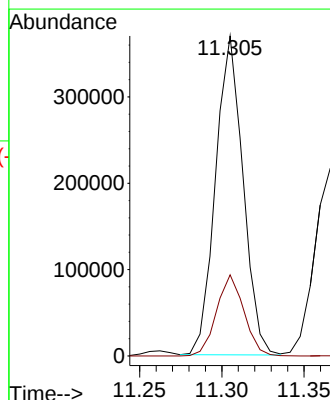
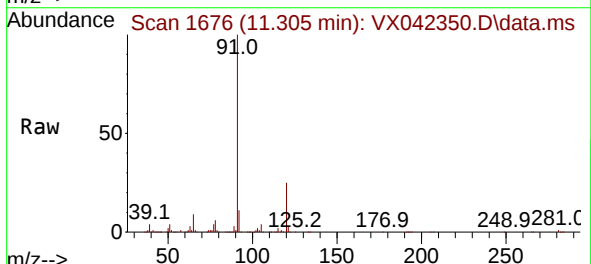
RT: 11.305 min Scan# 1676

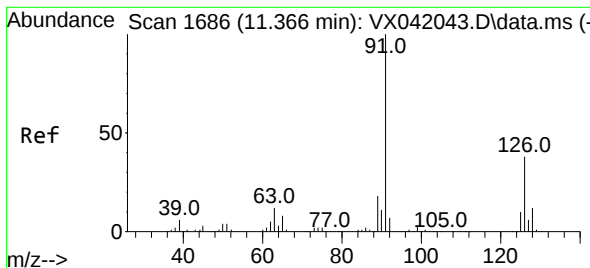
Delta R.T. 0.000 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

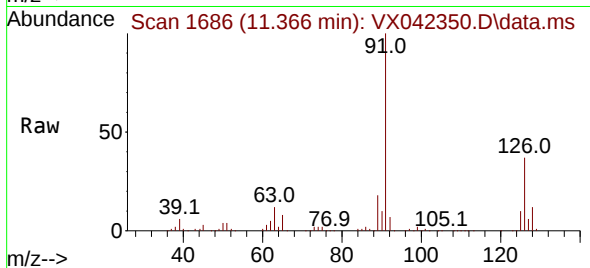
Tgt Ion:	91	Resp:	429767
Ion Ratio	Lower	Upper	
91	100		
120	25.3	11.5	34.4





#79
2-Chlorotoluene
Concen: 45.021 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

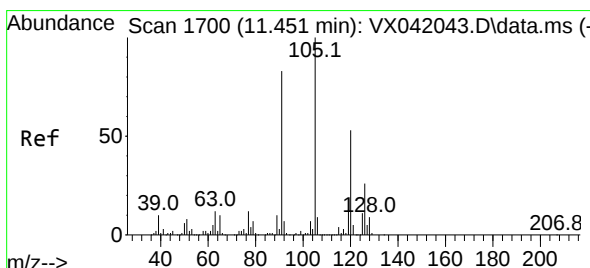
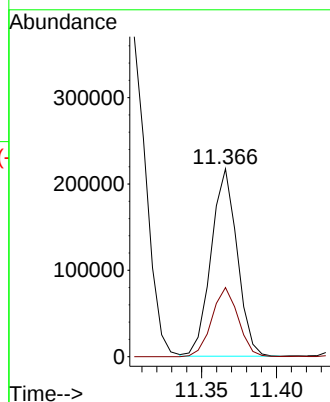
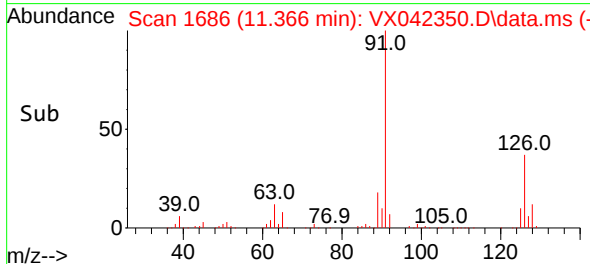
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



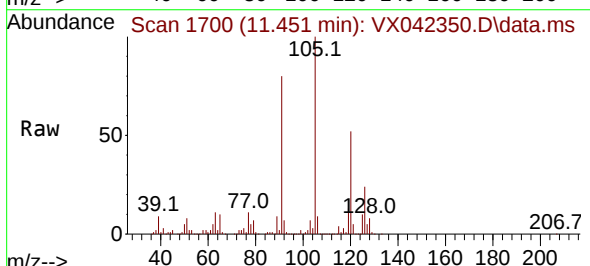
Tgt Ion: 91 Resp: 262869
Ion Ratio Lower Upper
91 100
126 37.3 16.3 48.8

Manual Integrations
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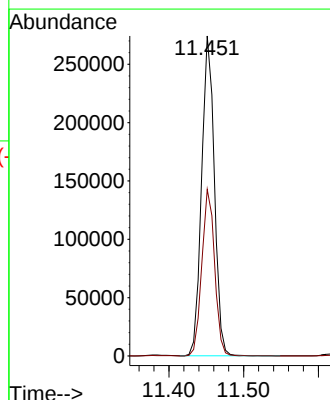
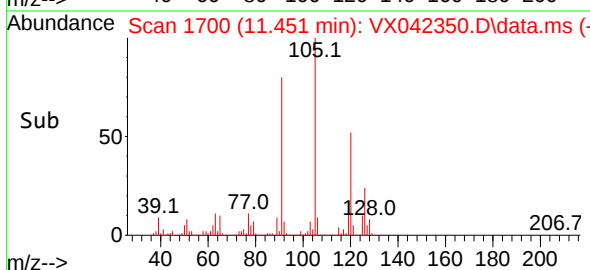
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

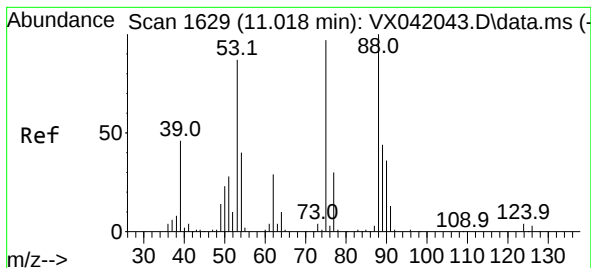


#80
1,3,5-Trimethylbenzene
Concen: 46.642 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17



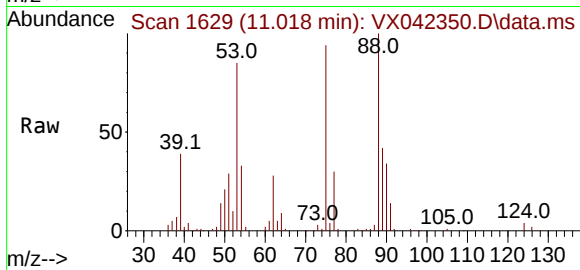
Tgt Ion:105 Resp: 324480
Ion Ratio Lower Upper
105 100
120 52.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 44.344 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

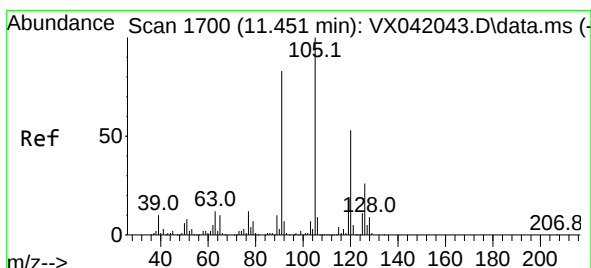
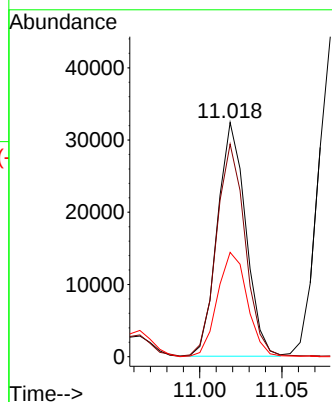
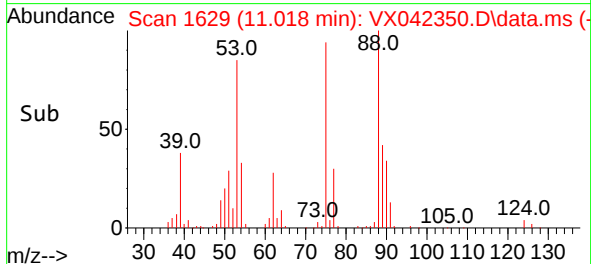
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 38938
Ion Ratio Lower Upper
75 100
53 92.6 90.5 135.7
89 47.2 36.9 55.3

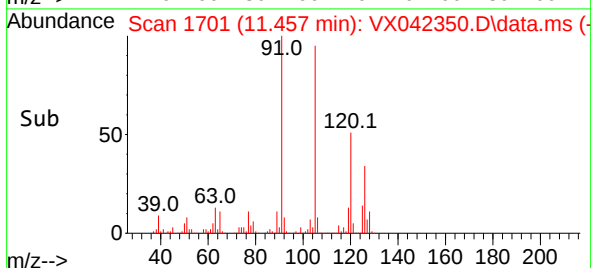
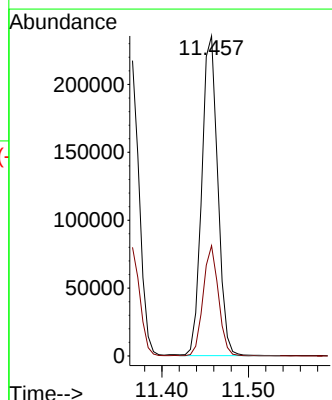
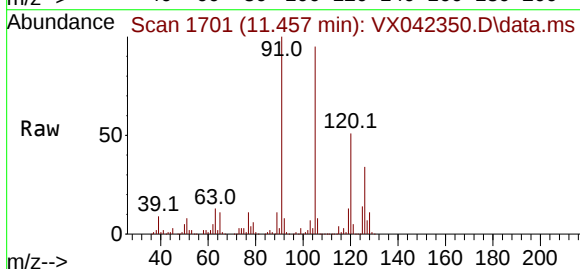
Manual Integrations
APPROVED

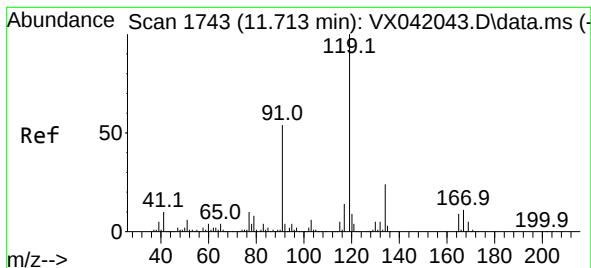
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#82
4-Chlorotoluene
Concen: 46.768 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion: 91 Resp: 301866
Ion Ratio Lower Upper
91 100
126 33.0 14.2 42.6





#83

tert-Butylbenzene

Concen: 46.942 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

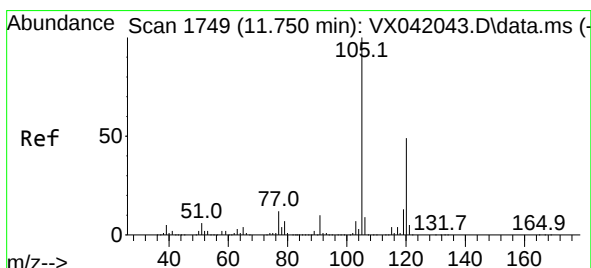
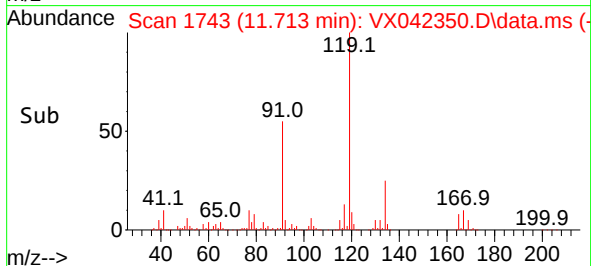
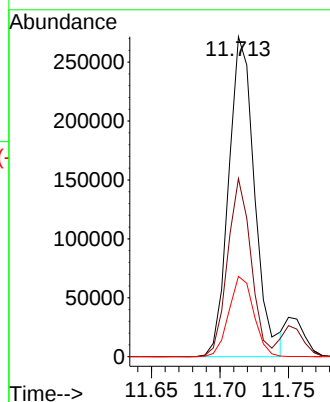
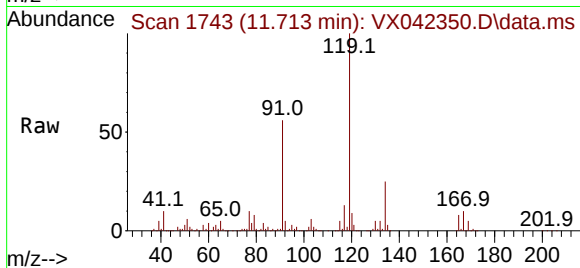
Tgt Ion:	119	Resp:	35833
Ion Ratio	Lower	Upper	
119	100		
91	50.5	31.2	93.6
134	24.2	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#84

1,2,4-Trimethylbenzene

Concen: 47.126 ug/l

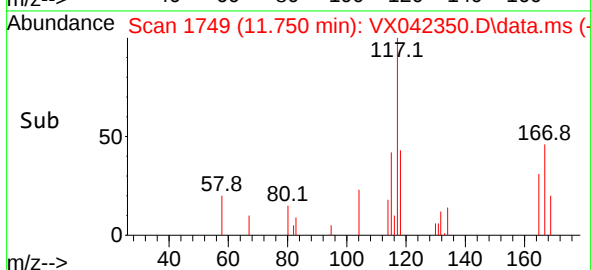
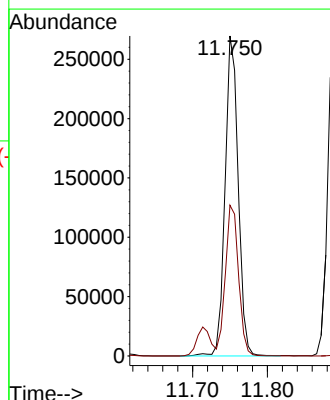
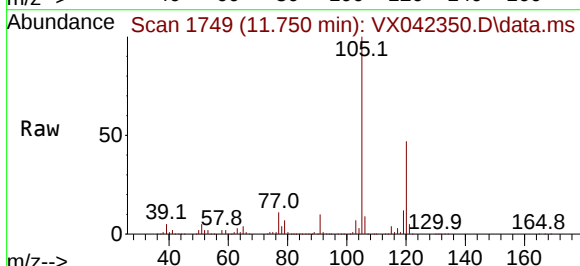
RT: 11.750 min Scan# 1749

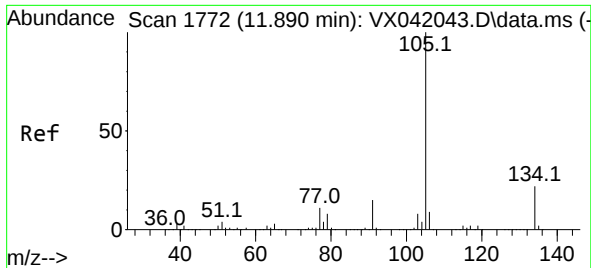
Delta R.T. 0.000 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

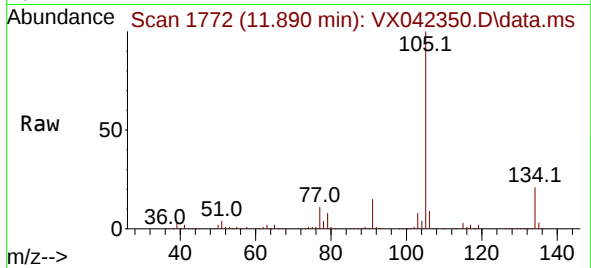
Tgt Ion:	105	Resp:	328915
Ion Ratio	Lower	Upper	
105	100		
120	47.3	21.2	63.6





#85
sec-Butylbenzene
Concen: 47.780 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

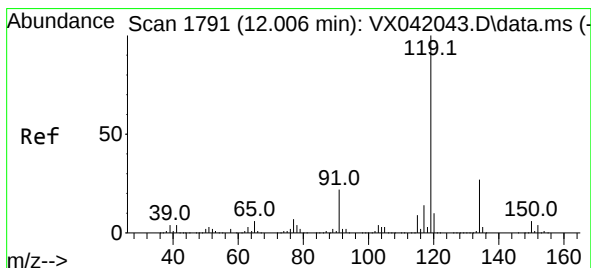
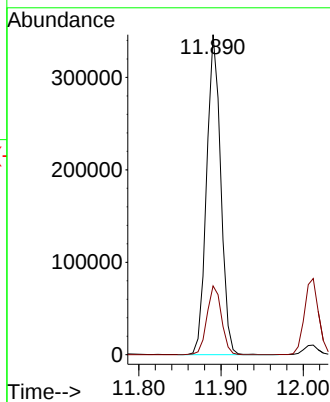
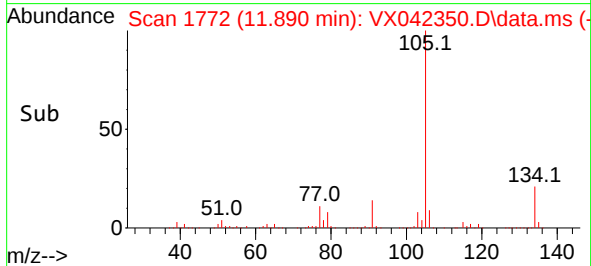
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



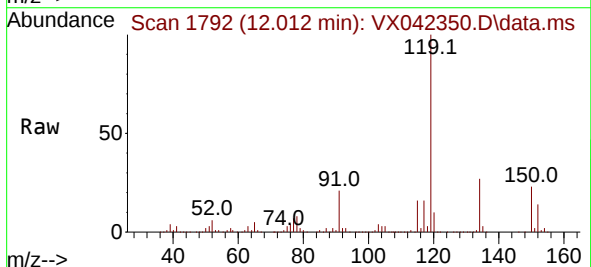
Tgt Ion:105 Resp: 412538
Ion Ratio Lower Upper
105 100
134 22.1 9.8 29.4

Manual Integrations
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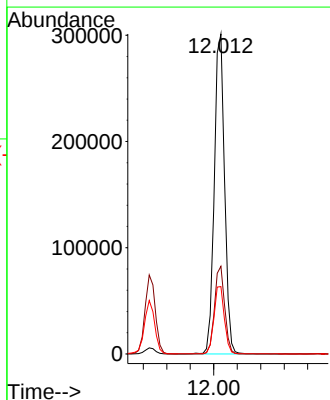
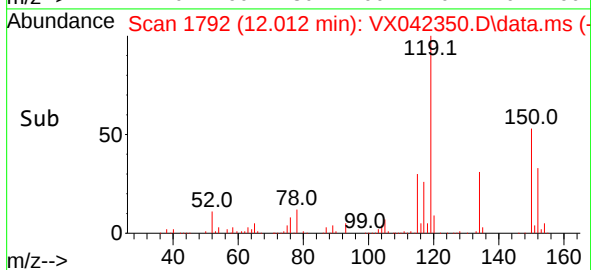
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

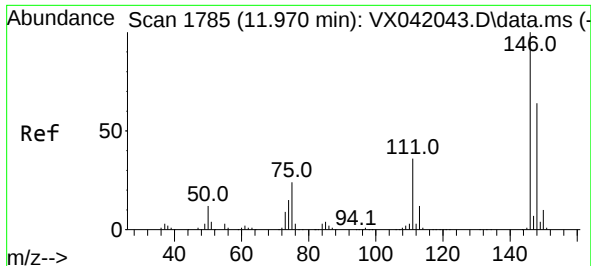


#86
p-Isopropyltoluene
Concen: 48.476 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17



Tgt Ion:119 Resp: 365620
Ion Ratio Lower Upper
119 100
134 27.1 12.8 38.3
91 21.5 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 47.641 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042350.D

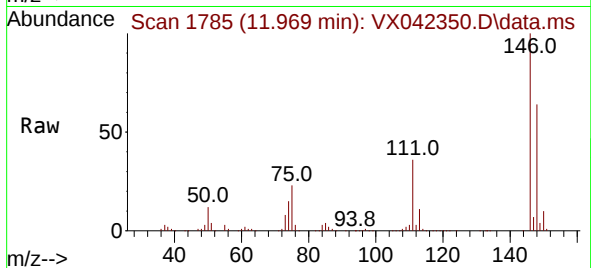
Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion:146 Resp: 20830

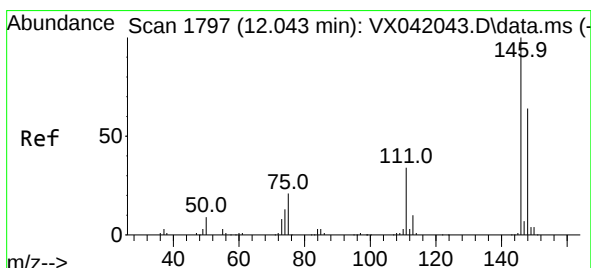
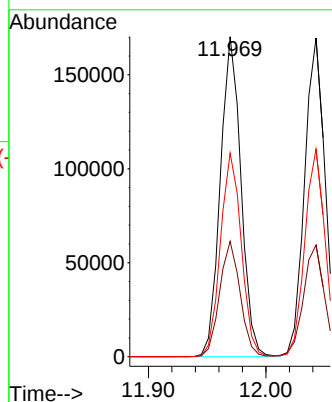
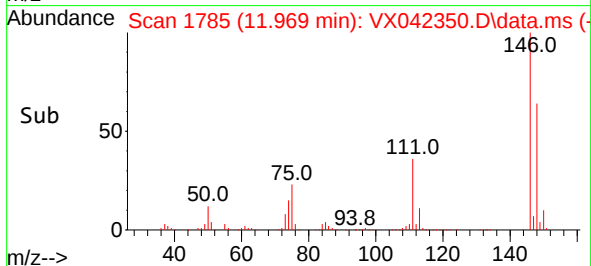
Ion	Ratio	Lower	Upper
146	100		
111	35.9	22.1	66.1
148	64.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#88

1,4-Dichlorobenzene

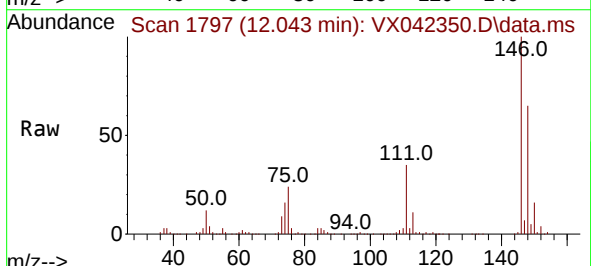
Concen: 46.047 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

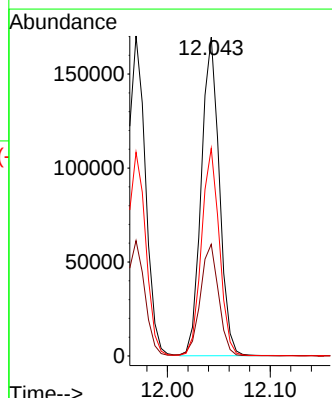
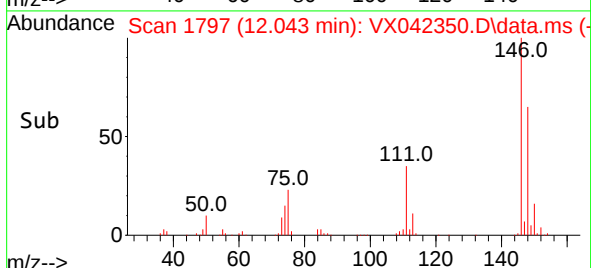
Lab File: VX042350.D

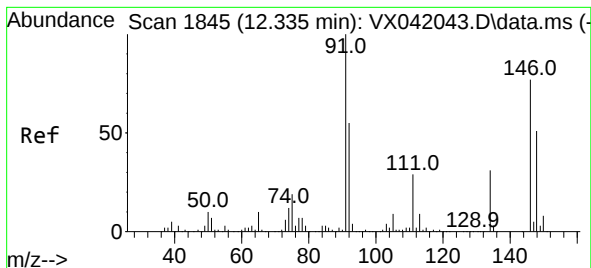
Acq: 16 Jul 2024 18:17



Tgt Ion:146 Resp: 206571

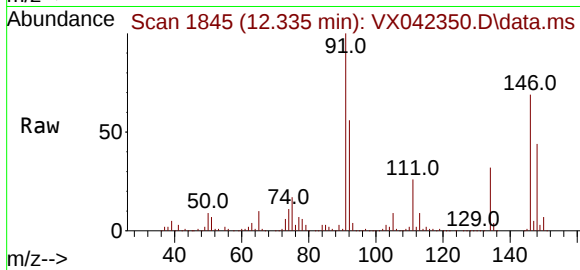
Ion	Ratio	Lower	Upper
146	100		
111	35.7	21.3	63.7
148	64.9	31.8	95.4





#89
n-Butylbenzene
Concen: 50.183 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

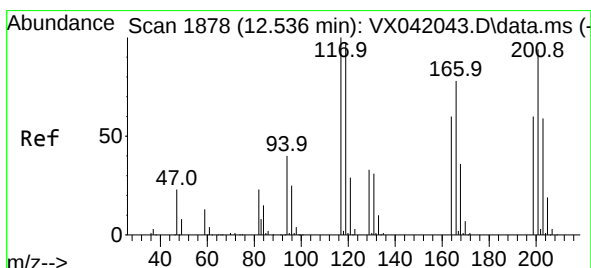
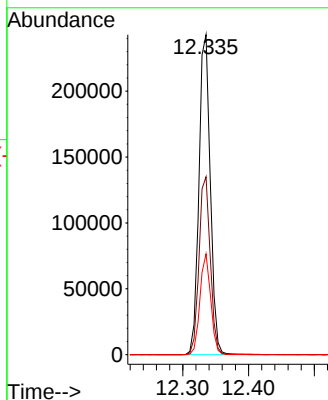
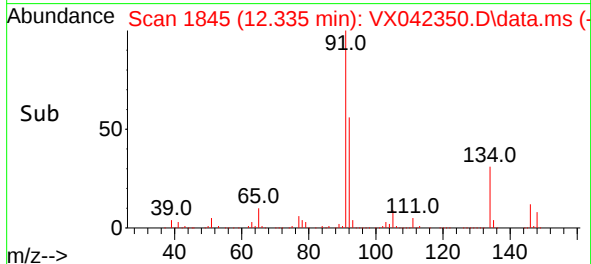
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 29135
Ion Ratio Lower Upper
91 100
92 55.3 27.4 82.0
134 29.9 12.6 37.8

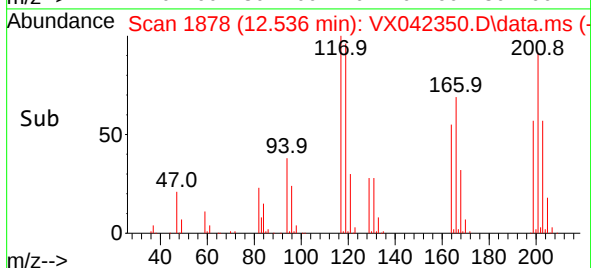
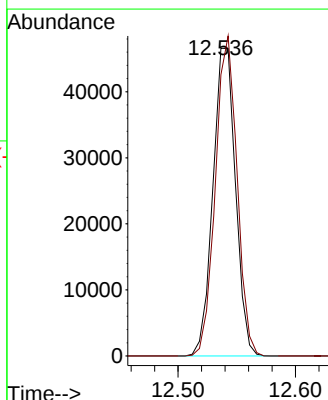
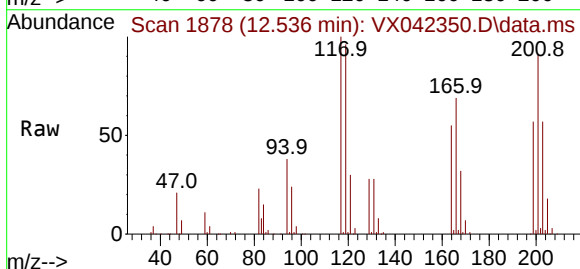
Manual Integrations
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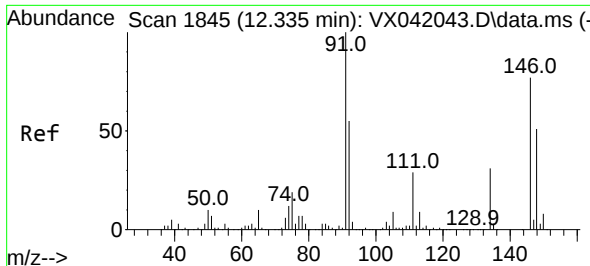
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#90
Hexachloroethane
Concen: 48.585 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

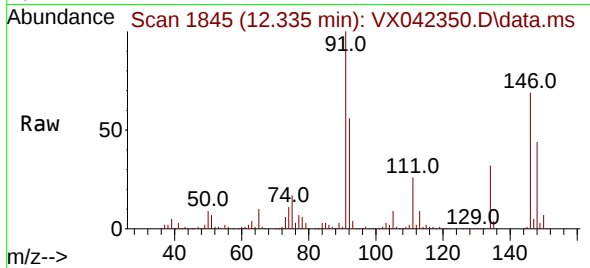
Tgt Ion:117 Resp: 62387
Ion Ratio Lower Upper
117 100
201 99.5 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 46.367 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

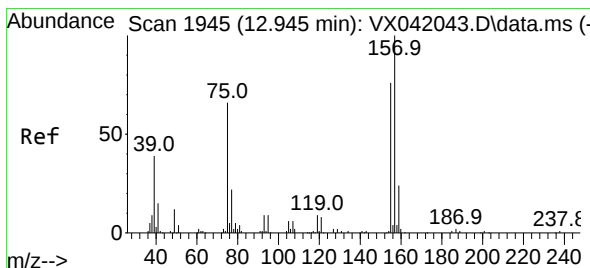
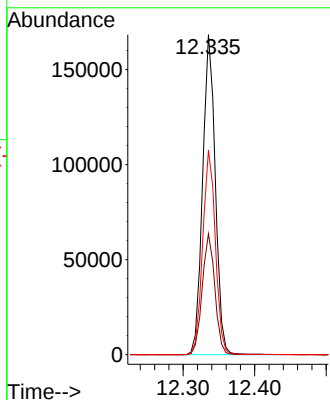
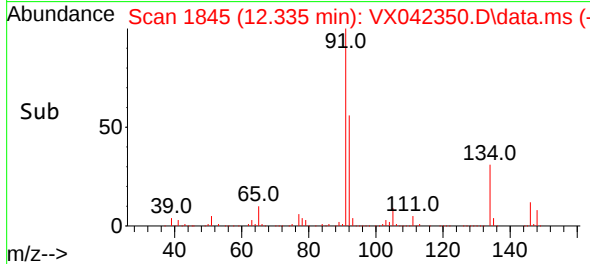
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 20744
Ion Ratio Lower Upper
146 100
111 37.7 22.4 67.0
148 64.2 31.6 95.0

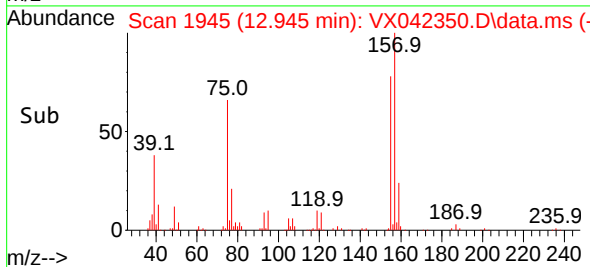
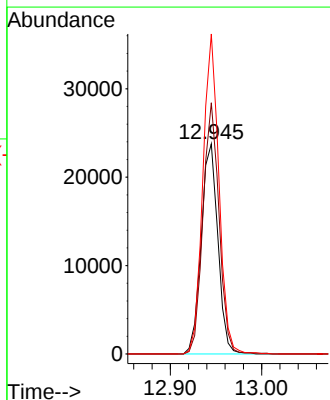
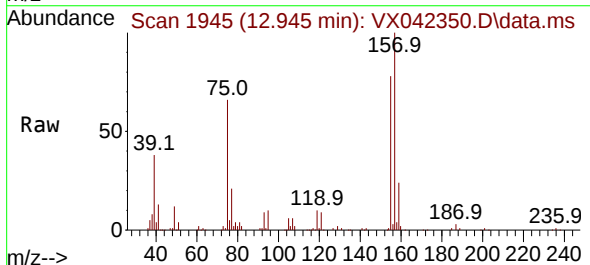
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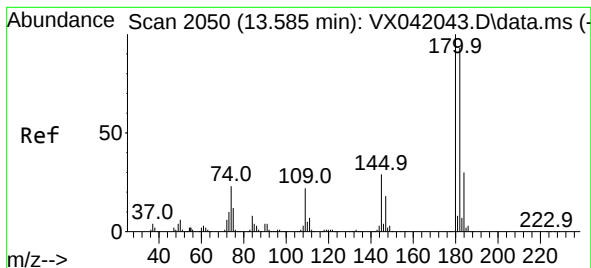
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.002 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion: 75 Resp: 30158
Ion Ratio Lower Upper
75 100
155 114.4 36.1 108.5#
157 145.4 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 51.140 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 149880

Ion Ratio Lower Upper

180 100

182 96.0 48.3 144.8

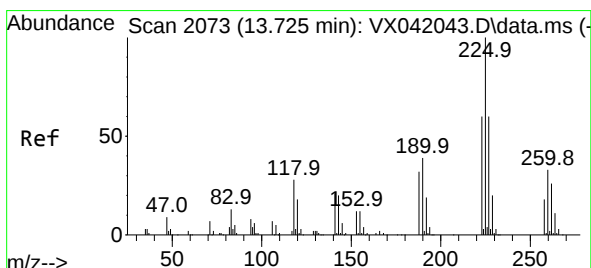
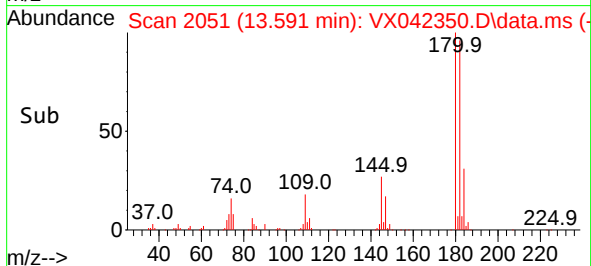
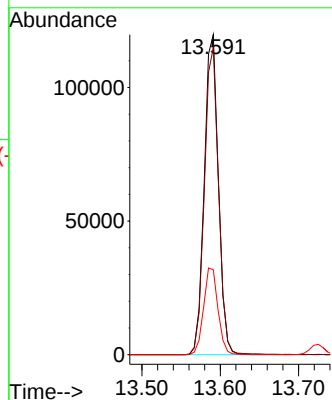
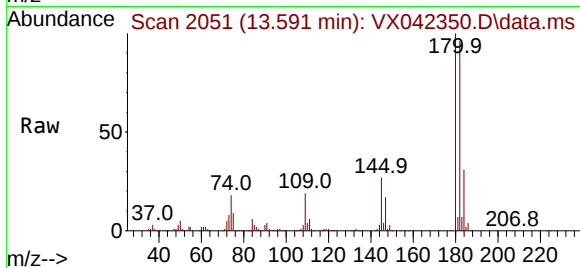
145 27.5 18.0 54.0

Manual Integrations

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Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#94

Hexachlorobutadiene

Concen: 47.668 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX042350.D

Acq: 16 Jul 2024 18:17

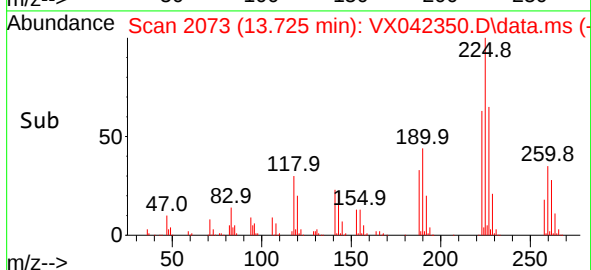
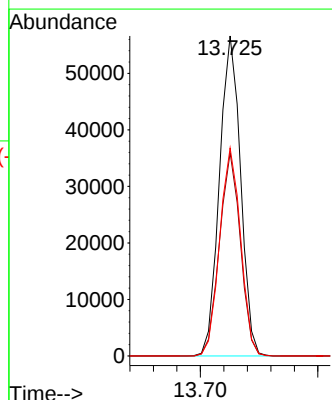
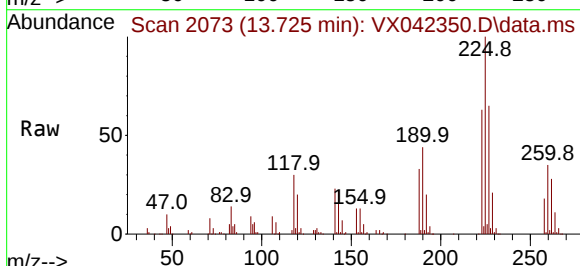
Tgt Ion:225 Resp: 70646

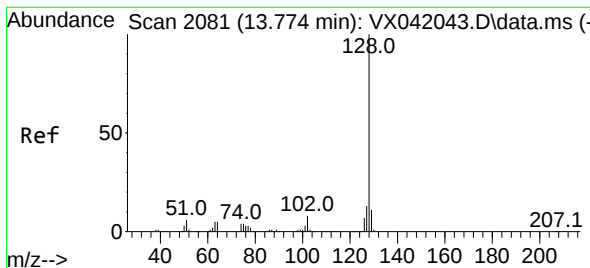
Ion Ratio Lower Upper

225 100

223 62.9 31.1 93.2

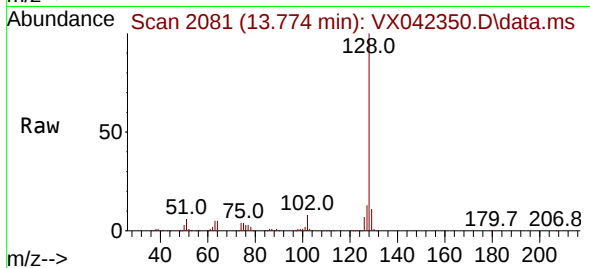
227 64.6 32.5 97.5





#95
Naphthalene
Concen: 46.928 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

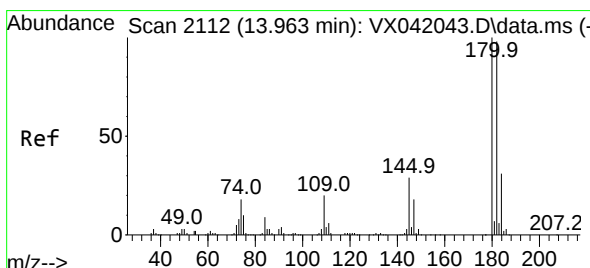
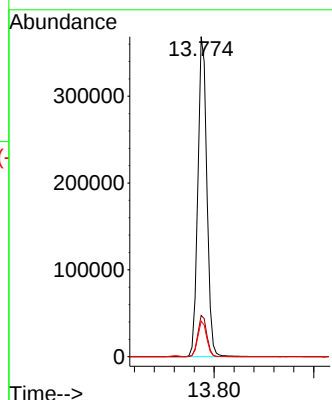
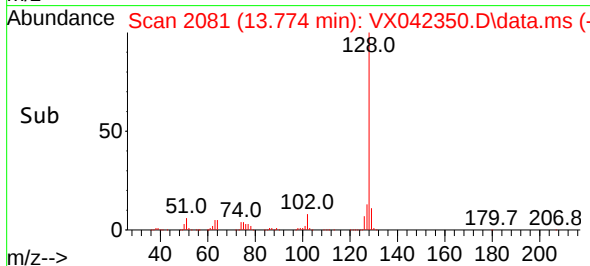
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 461709
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.8 13.2

Manual Integrations
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Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#96
1,2,3-Trichlorobenzene
Concen: 49.737 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042350.D
Acq: 16 Jul 2024 18:17

Tgt Ion:180 Resp: 153743
Ion Ratio Lower Upper
180 100
182 96.8 46.9 140.6
145 29.2 17.8 53.5

