

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071724\
 Data File : VX042359.D
 Acq On : 17 Jul 2024 16:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/18/2024
 Supervised By : Mahesh Dadoda 07/18/2024

Quant Time: Jul 18 00:58:47 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	5.544	168	160487	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	222311	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	205408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122360	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85714	46.316	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.640%		
35) Dibromofluoromethane	5.379	113	86448	54.804	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.600%		
50) Toluene-d8	8.647	98	276310	49.862	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.720%		
62) 4-Bromofluorobenzene	11.079	95	113718	55.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	65203	53.329	ug/l	97
3) Chloromethane	1.301	50	62494	40.743	ug/l	97
4) Vinyl Chloride	1.374	62	64688	42.072	ug/l	99
5) Bromomethane	1.593	94	36465	48.028	ug/l	98
6) Chloroethane	1.666	64	36424	57.447	ug/l	100
7) Trichlorofluoromethane	1.874	101	110427	54.817	ug/l	96
8) Diethyl Ether	2.136	74	41657	44.054	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.319	101	74572	53.739	ug/l #	84
10) Methyl Iodide	2.441	142	77216	44.769	ug/l #	86
11) Tert butyl alcohol	2.983	59	88210	251.156	ug/l #	93
12) 1,1-Dichloroethene	2.306	96	69198	49.991	ug/l #	80
13) Acrolein	2.239	56	47730	121.235	ug/l	97
14) Allyl chloride	2.654	41	103715	47.245	ug/l	88
15) Acrylonitrile	3.069	53	227856	248.378	ug/l	98
16) Acetone	2.386	43	184567	227.129	ug/l #	86
17) Carbon Disulfide	2.502	76	132674	47.008	ug/l	100
18) Methyl Acetate	2.703	43	111531	50.313	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	237095	51.846	ug/l	100
20) Methylene Chloride	2.782	84	80682	45.344	ug/l	87
21) trans-1,2-Dichloroethene	3.081	96	70842	50.427	ug/l	85
22) Diisopropyl ether	3.764	45	228182	49.174	ug/l #	81
23) Vinyl Acetate	3.721	43	994622	250.987	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	130255	50.126	ug/l	97
25) 2-Butanone	4.556	43	304943	241.211	ug/l	91
26) 2,2-Dichloropropane	4.465	77	103984	55.258	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	90984	51.710	ug/l	85
28) Bromochloromethane	4.891	49	46702	41.960	ug/l #	65
29) Tetrahydrofuran	5.007	42	195688	239.674	ug/l	91
30) Chloroform	5.086	83	140080	51.743	ug/l	96
31) Cyclohexane	5.458	56	103436	47.793	ug/l	90
32) 1,1,1-Trichloroethane	5.373	97	121166	53.562	ug/l	95
36) 1,1-Dichloropropene	5.678	75	89328	53.328	ug/l	94
37) Ethyl Acetate	4.715	43	113612	52.067	ug/l	97
38) Carbon Tetrachloride	5.666	117	106855	57.736	ug/l	96
39) Methylcyclohexane	7.373	83	117952	55.679	ug/l	91
40) Benzene	6.031	78	297492	52.659	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	62589	52.915	ug/l	91
42) 1,2-Dichloroethane	6.080	62	95461	52.459	ug/l	90
43) Isopropyl Acetate	6.336	43	173069	51.673	ug/l #	93
44) Trichloroethene	7.117	130	84968	56.110	ug/l	84
45) 1,2-Dichloropropane	7.428	63	73507	52.917	ug/l	98
46) Dibromomethane	7.574	93	54978	54.319	ug/l #	74
47) Bromodichloromethane	7.818	83	104306	56.132	ug/l	98
48) Methyl methacrylate	7.690	41	84930	53.133	ug/l #	83
49) 1,4-Dioxane	7.665	88	42048	994.286	ug/l #	87
51) 4-Methyl-2-Pentanone	8.574	43	595511	258.118	ug/l	93
52) Toluene	8.714	92	197605	54.929	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	104973	53.259	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	117553	57.782	ug/l #	85
55) 1,1,2-Trichloroethane	9.147	97	82502	55.051	ug/l	98
56) Ethyl methacrylate	9.116	69	129925	55.727	ug/l #	85
57) 1,3-Dichloropropane	9.305	76	129572	53.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	285569	262.839	ug/l	91
59) 2-Hexanone	9.427	43	458906	259.700	ug/l	90
60) Dibromochloromethane	9.519	129	96176	59.080	ug/l	100
61) 1,2-Dibromoethane	9.610	107	87116	56.052	ug/l	99
64) Tetrachloroethene	9.269	164	83084	55.554	ug/l	90
65) Chlorobenzene	10.079	112	233754	54.718	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	85612	57.240	ug/l	98
67) Ethyl Benzene	10.189	91	375495	56.087	ug/l	99
68) m/p-Xylenes	10.299	106	303127	112.163	ug/l	91
69) o-Xylene	10.640	106	150323	56.182	ug/l	91
70) Styrene	10.653	104	259389	57.813	ug/l	94
71) Bromoform	10.799	173	81795	56.262	ug/l #	100
73) Isopropylbenzene	10.963	105	391676	52.645	ug/l	96
74) N-amyl acetate	10.842	43	155631	47.092	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	129900	46.957	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	107200m	48.260	ug/l	
77) Bromobenzene	11.195	156	113307	51.136	ug/l	76
78) n-propylbenzene	11.305	91	430859	53.373	ug/l	95
79) 2-Chlorotoluene	11.366	91	262835	50.535	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	326903	52.752	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	39430	50.410	ug/l	86
82) 4-Chlorotoluene	11.451	91	300644	52.290	ug/l	91
83) tert-Butylbenzene	11.713	119	356936	52.493	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	331765	53.363	ug/l	93
85) sec-Butylbenzene	11.890	105	419884	54.594	ug/l	96
86) p-Isopropyltoluene	12.006	119	375046	55.824	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	208738	53.595	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	206720	51.730	ug/l	95
89) n-Butylbenzene	12.329	91	292735	56.604	ug/l	96
90) Hexachloroethane	12.536	117	61490	53.759	ug/l #	55
91) 1,2-Dichlorobenzene	12.335	146	206585	51.836	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	27823	50.751	ug/l #	43
93) 1,2,4-Trichlorobenzene	13.585	180	147889	56.646	ug/l	96
94) Hexachlorobutadiene	13.725	225	73372	55.578	ug/l	98
95) Naphthalene	13.774	128	435146	49.608	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	151247	54.929	ug/l	95

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Instrument :
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VSTDCCC050EC

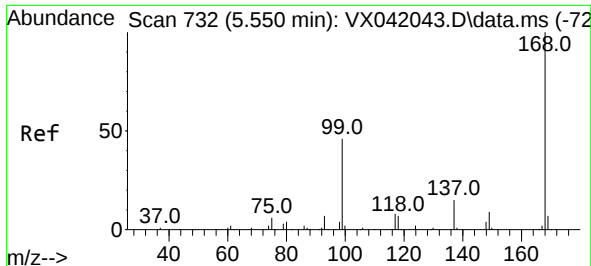
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/18/2024

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



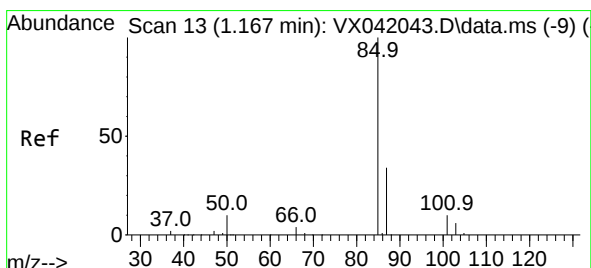
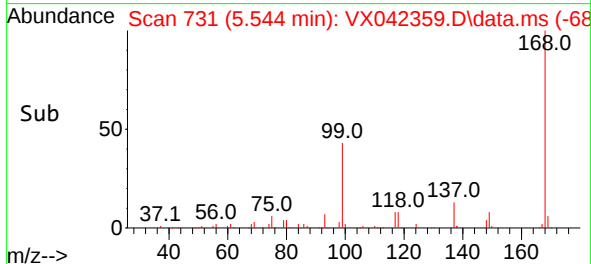
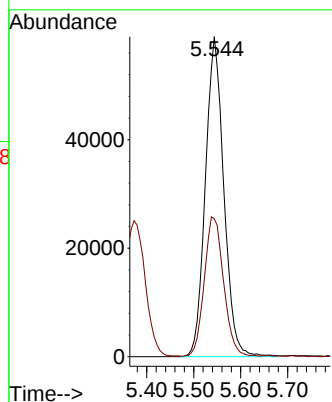
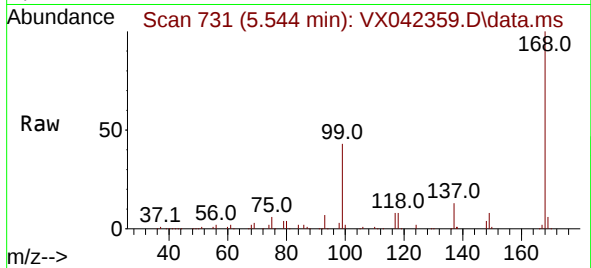
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 16048
Ion Ratio Lower Upper
168 100
99 42.9 56.6 85.0

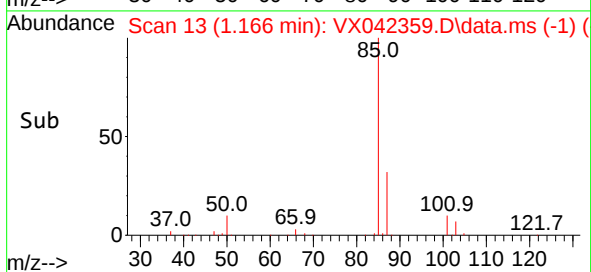
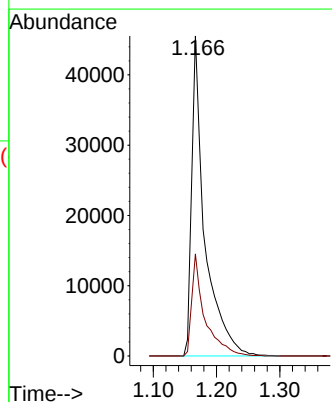
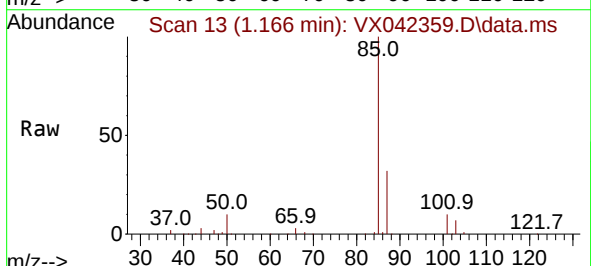
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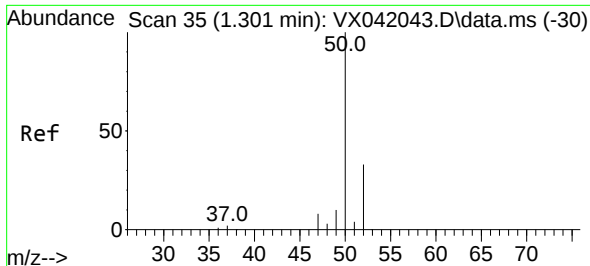
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#2
Dichlorodifluoromethane
Concen: 53.329 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion: 85 Resp: 65203
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1





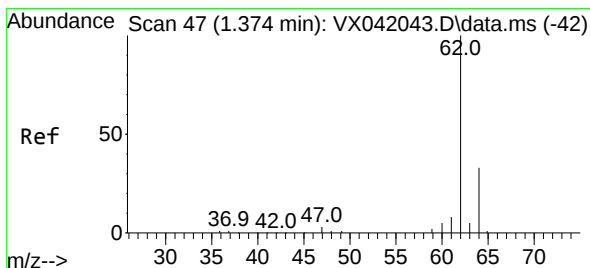
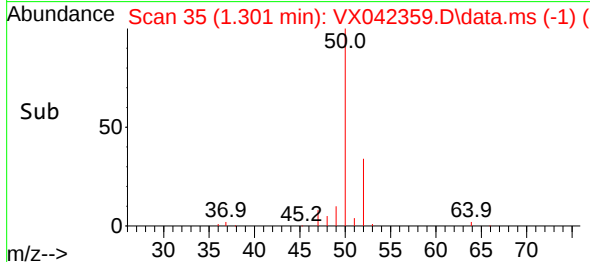
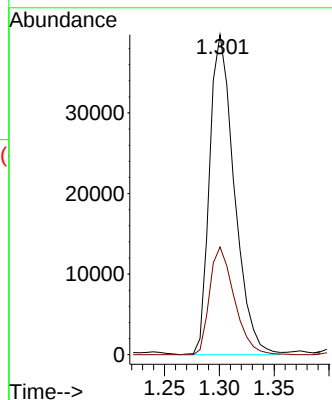
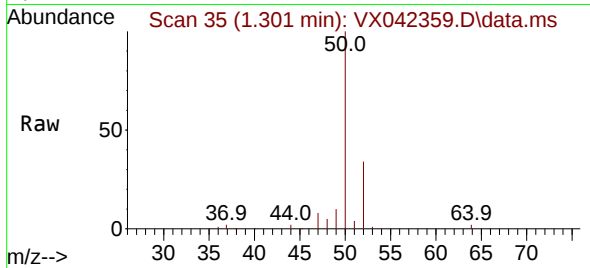
#3
Chloromethane
Concen: 40.743 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 50 Resp: 62494
Ion Ratio Lower Upper
50 100
52 33.6 25.5 38.3

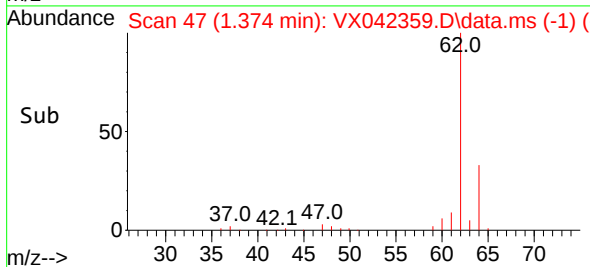
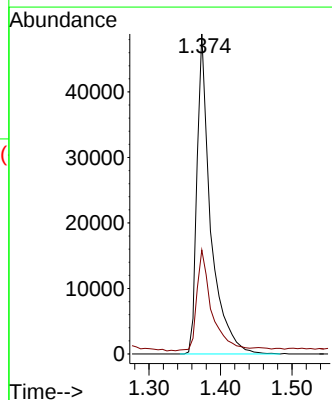
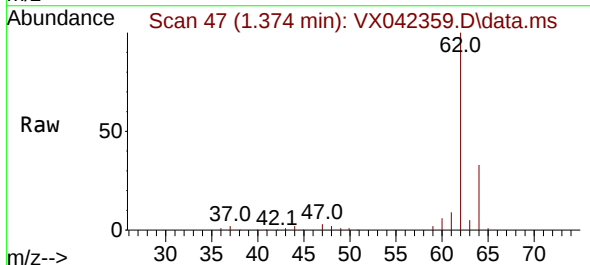
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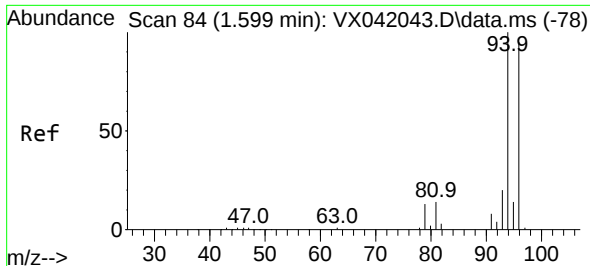
Reviewed By :John Carlone 07/18/2024
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#4
Vinyl Chloride
Concen: 42.072 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

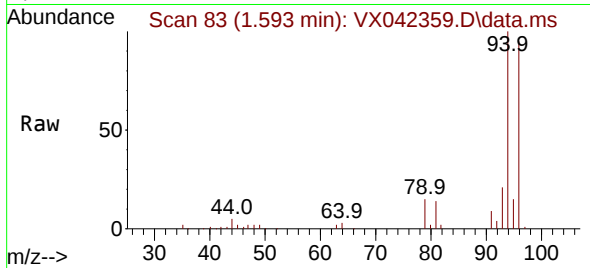
Tgt Ion: 62 Resp: 64688
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5
Bromomethane
Concen: 48.028 ug/l
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

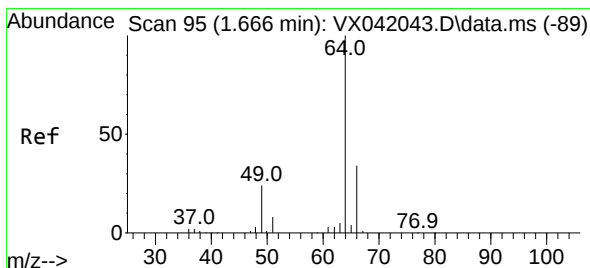
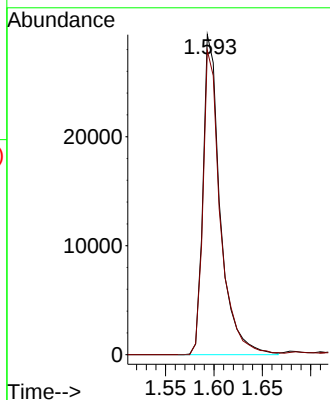
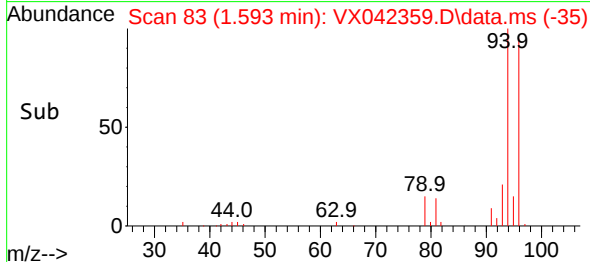
Instrument :
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Tgt Ion: 94 Resp: 3646
Ion Ratio Lower Upper
94 100
96 95.1 74.6 111.8

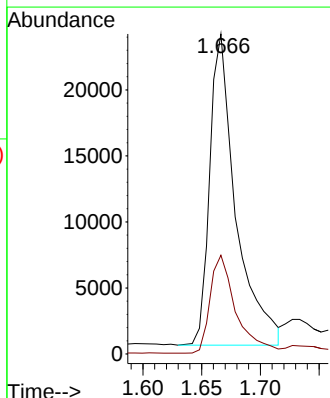
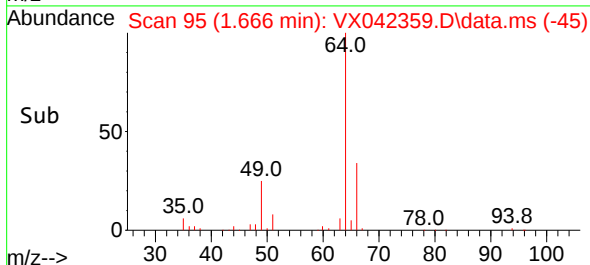
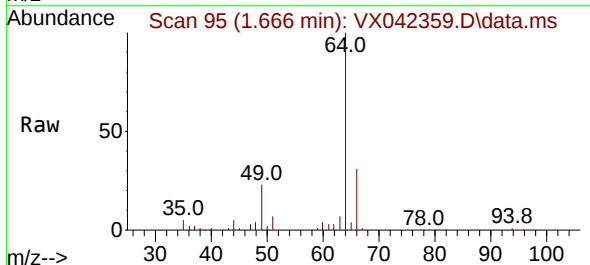
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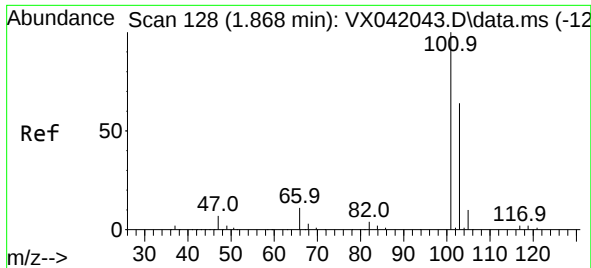
Reviewed By :John Carlone 07/18/2024
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#6
Chloroethane
Concen: 57.447 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

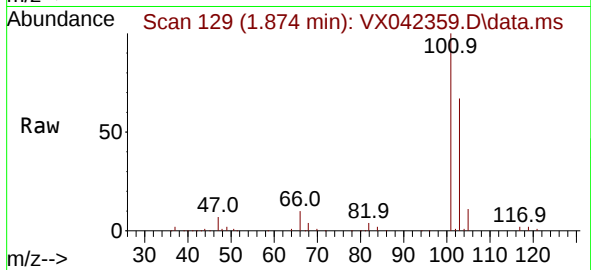
Tgt Ion: 64 Resp: 36424
Ion Ratio Lower Upper
64 100
66 31.5 25.1 37.7





#7
Trichlorofluoromethane
Concen: 54.817 ug/l
RT: 1.874 min Scan# 110
Delta R.T. 0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

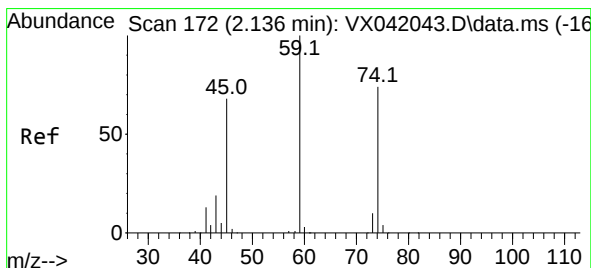
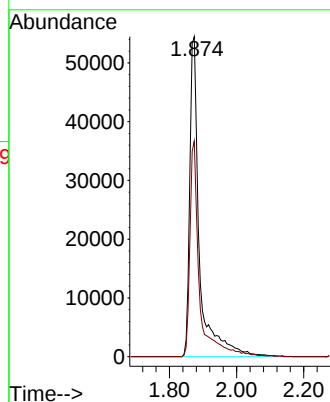
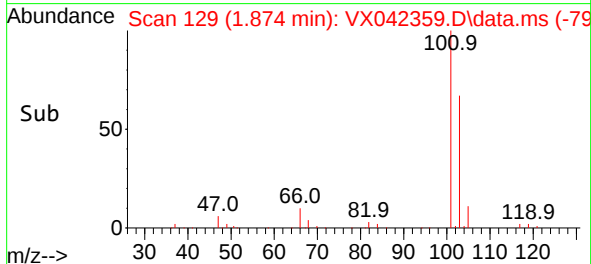
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 11042
Ion Ratio Lower Upper
101 100
103 67.4 51.4 77.2

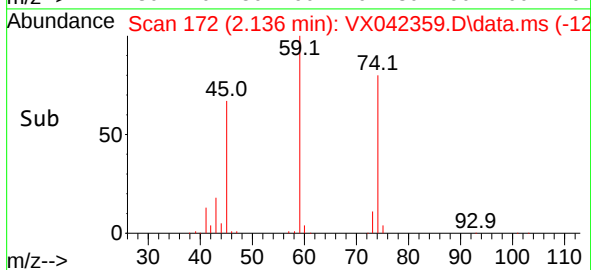
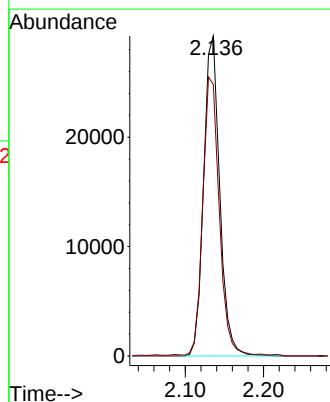
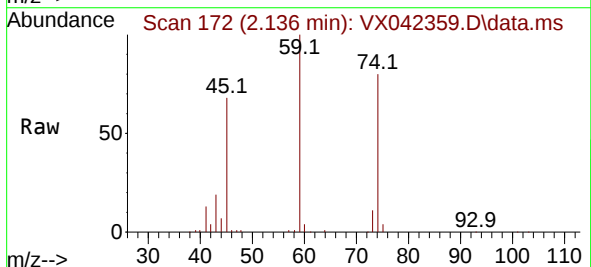
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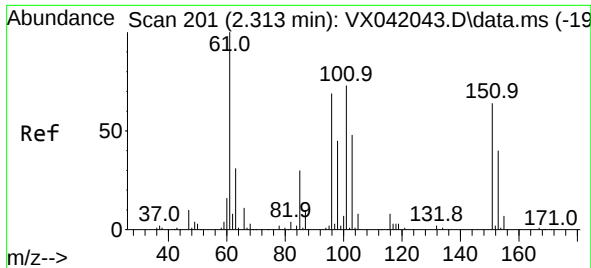
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#8
Diethyl Ether
Concen: 44.054 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion: 74 Resp: 41657
Ion Ratio Lower Upper
74 100
45 88.8 53.3 159.8





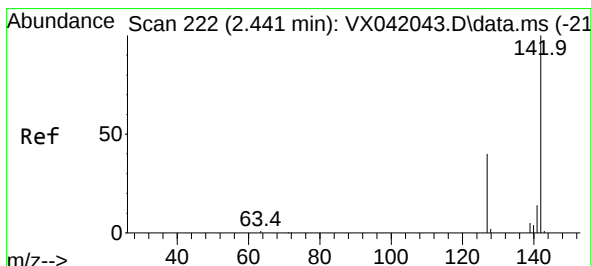
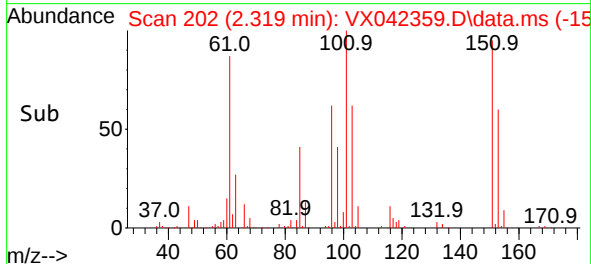
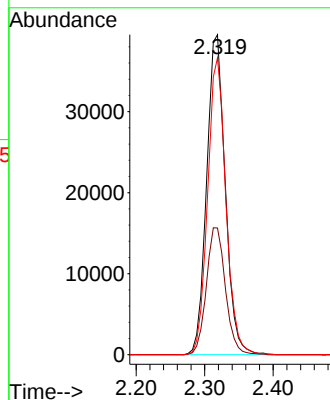
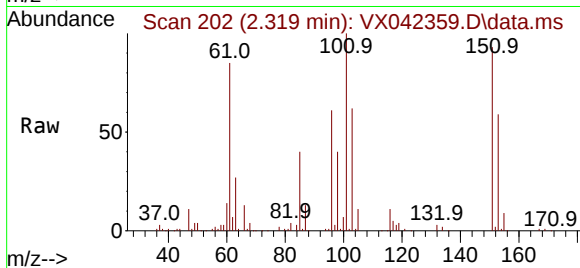
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.739 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 74572
Ion Ratio Lower Upper
101 100
85 40.8 37.0 55.6
151 91.2 58.6 87.8

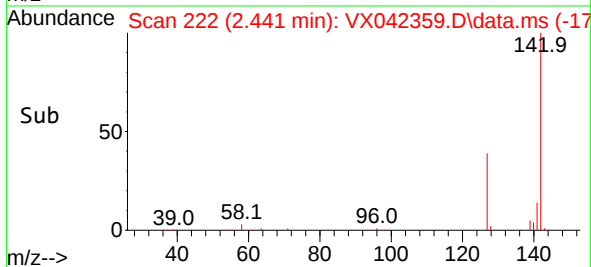
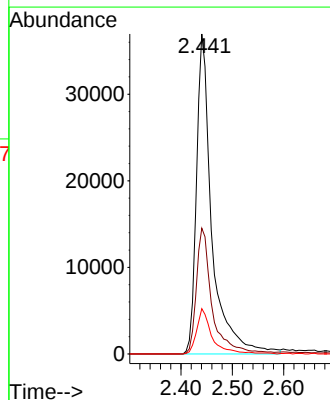
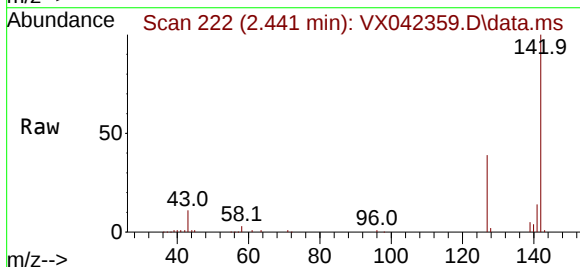
Manual Integrations
APPROVED

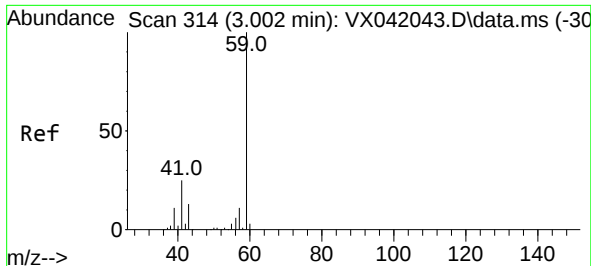
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#10
Methyl Iodide
Concen: 44.769 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion:142 Resp: 77216
Ion Ratio Lower Upper
142 100
127 40.0 41.6 62.4#
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 251.156 ug/l

RT: 2.983 min Scan# 314

Delta R.T. -0.024 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 88210

Ion Ratio Lower Upper

59 100

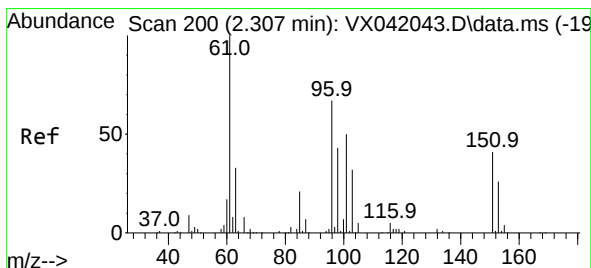
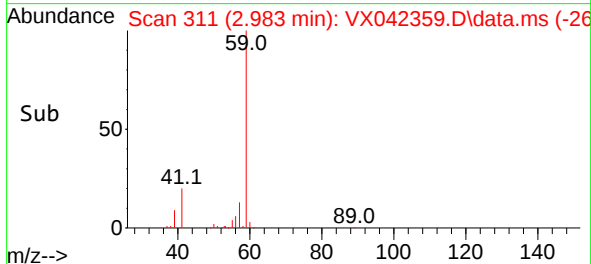
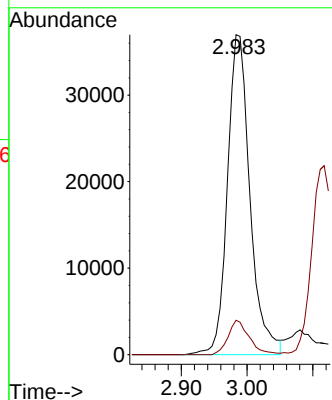
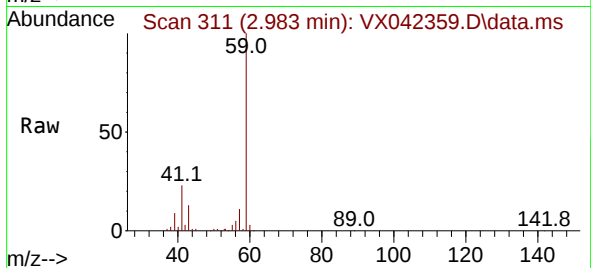
57 10.1 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#12

1,1-Dichloroethene

Concen: 49.991 ug/l

RT: 2.306 min Scan# 200

Delta R.T. 0.000 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

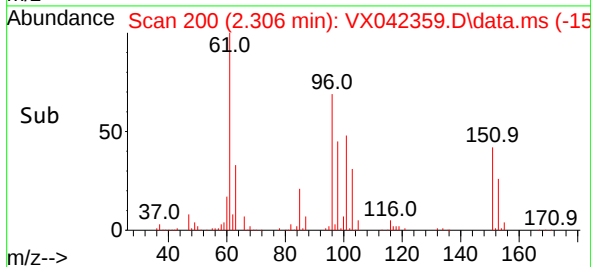
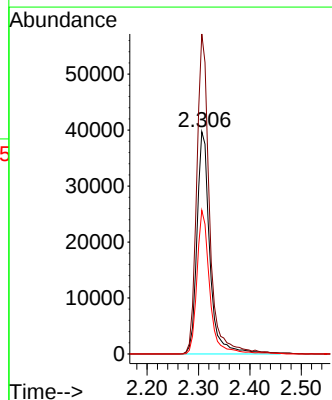
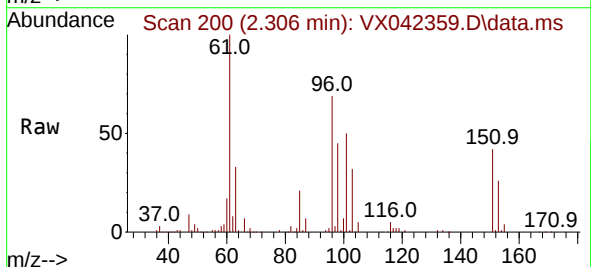
Tgt Ion: 96 Resp: 69198

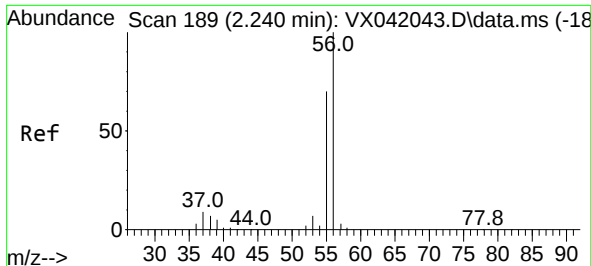
Ion Ratio Lower Upper

96 100

61 143.9 144.6 216.8

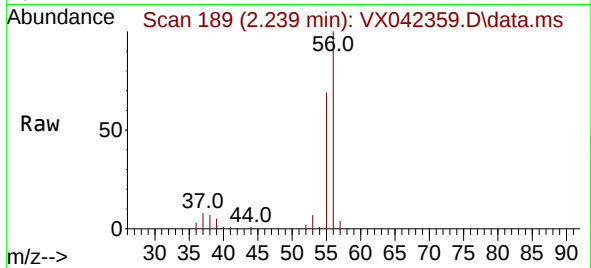
98 64.6 50.4 75.6





#13
Acrolein
Concen: 121.235 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

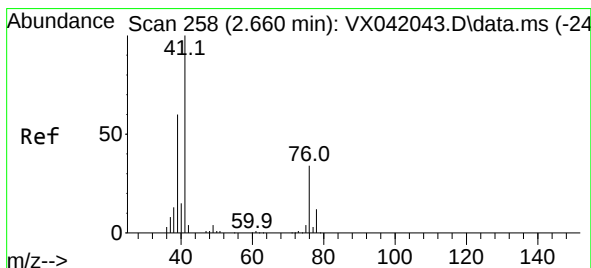
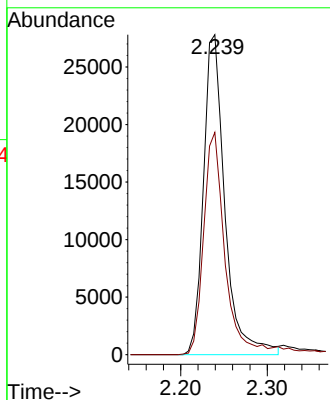
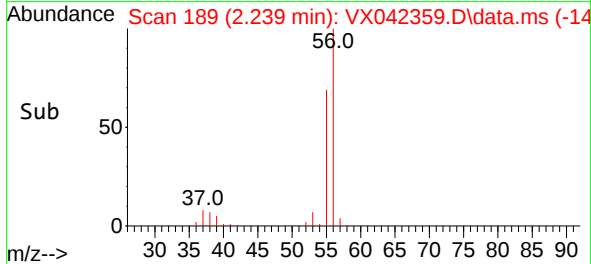
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 47730
Ion Ratio Lower Upper
56 100
55 68.7 57.1 85.7

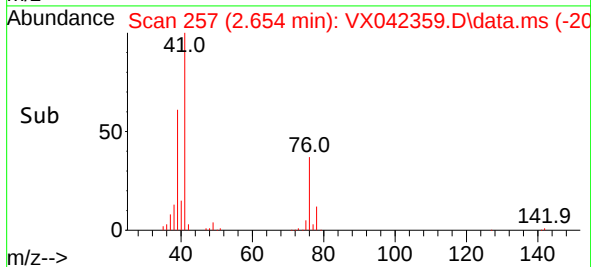
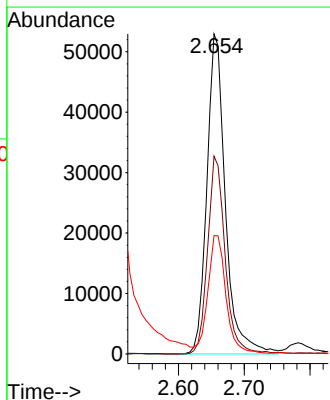
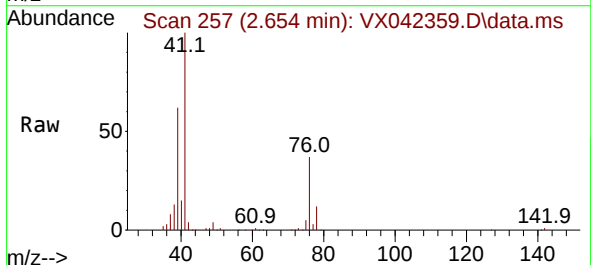
Manual Integrations
APPROVED

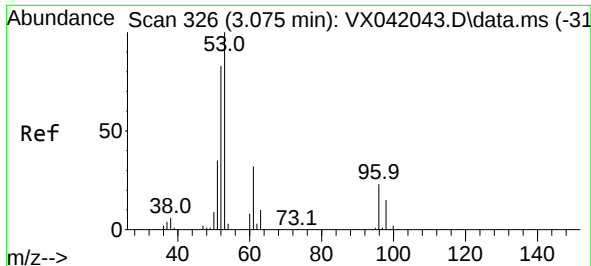
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#14
Allyl chloride
Concen: 47.245 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

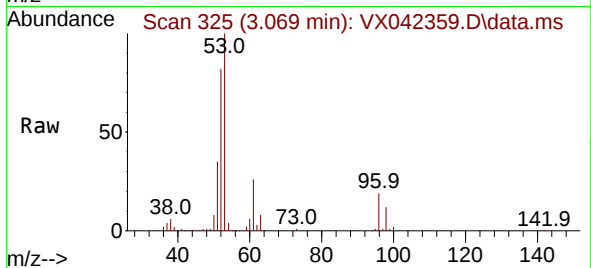
Tgt Ion: 41 Resp: 103715
Ion Ratio Lower Upper
41 100
39 58.8 55.8 83.6
76 36.0 24.3 36.5





#15
Acrylonitrile
Concen: 248.378 ug/l
RT: 3.069 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

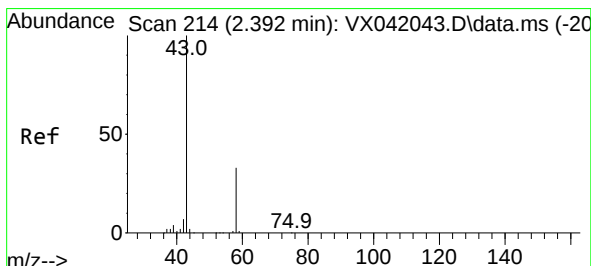
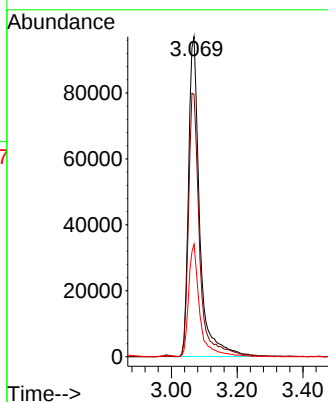
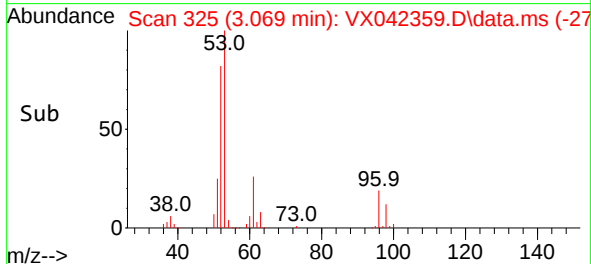
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 227850
Ion Ratio Lower Upper
53 100
52 82.2 66.0 99.0
51 34.6 29.8 44.6

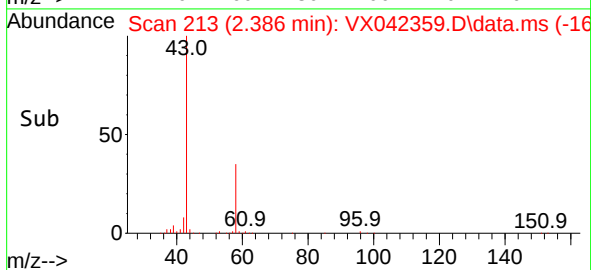
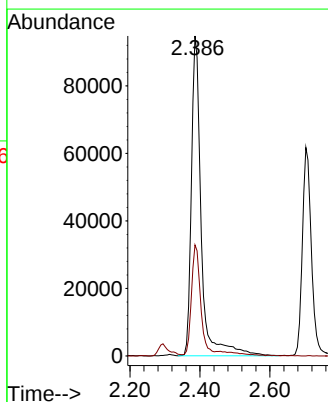
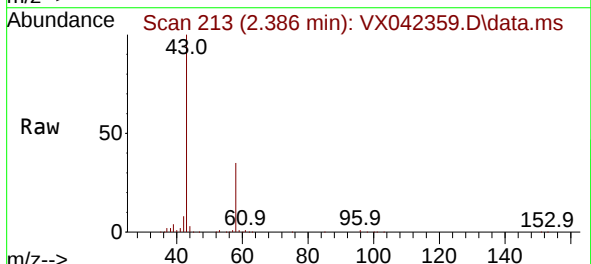
Manual Integrations
APPROVED

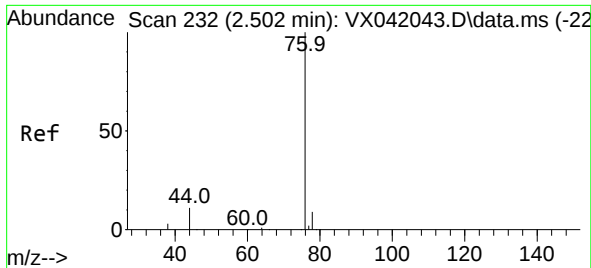
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#16
Acetone
Concen: 227.129 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

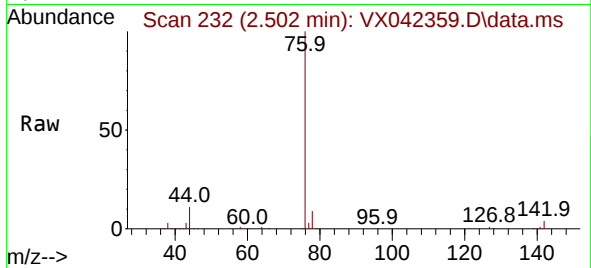
Tgt Ion: 43 Resp: 184567
Ion Ratio Lower Upper
43 100
58 34.6 21.9 32.9#





#17
Carbon Disulfide
Concen: 47.008 ug/l
RT: 2.502 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

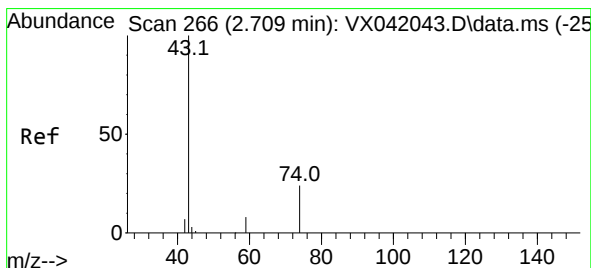
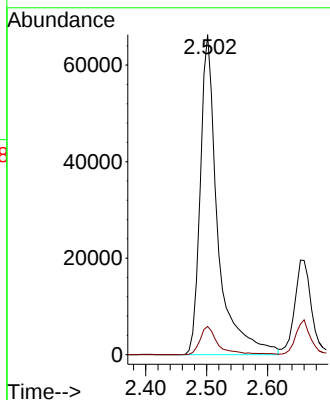
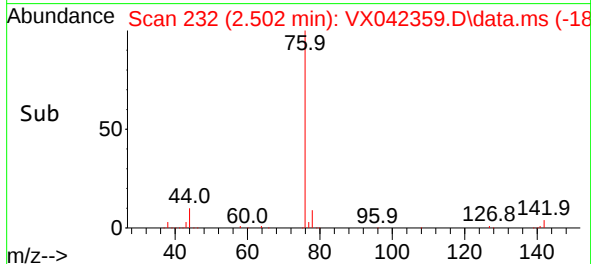
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



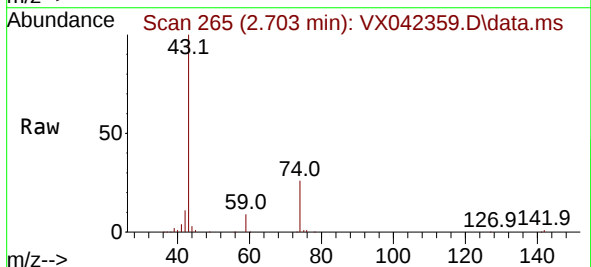
Tgt Ion: 76 Resp: 132674
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

Manual Integrations
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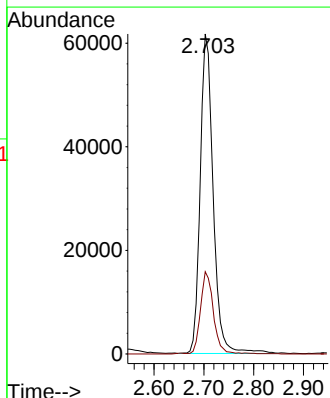
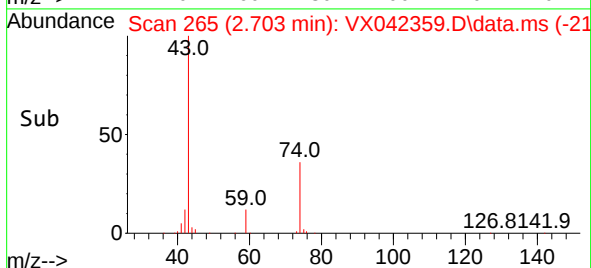
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

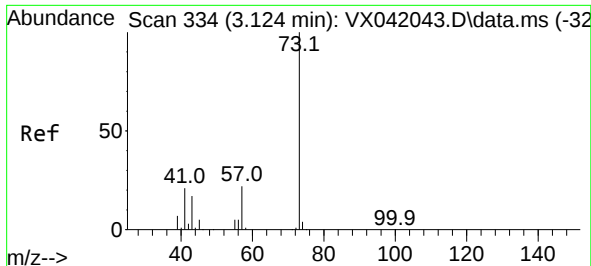


#18
Methyl Acetate
Concen: 50.313 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32



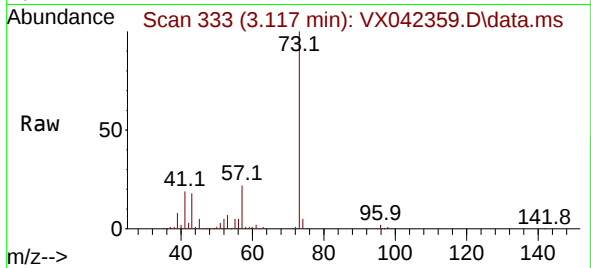
Tgt Ion: 43 Resp: 111531
Ion Ratio Lower Upper
43 100
74 24.8 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 51.846 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

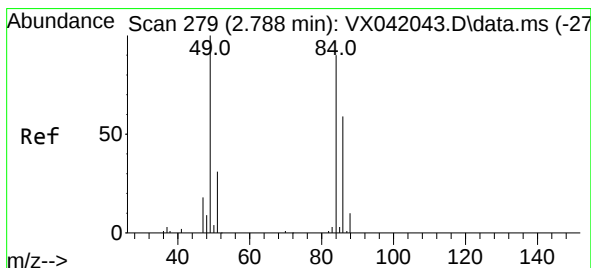
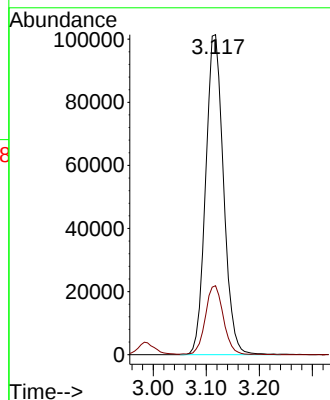
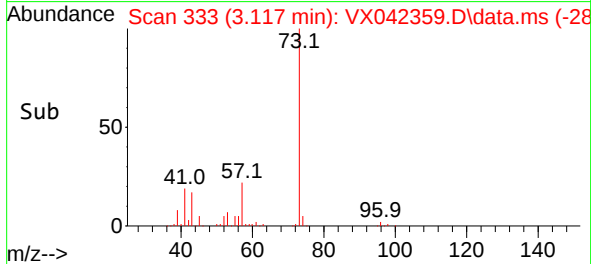
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 237095
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

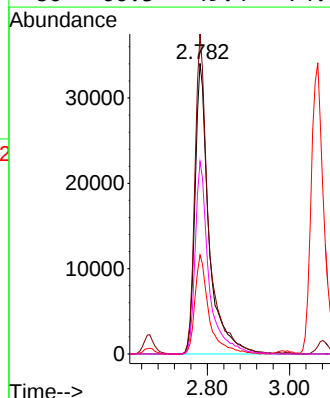
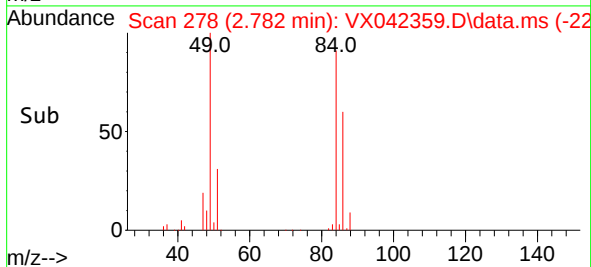
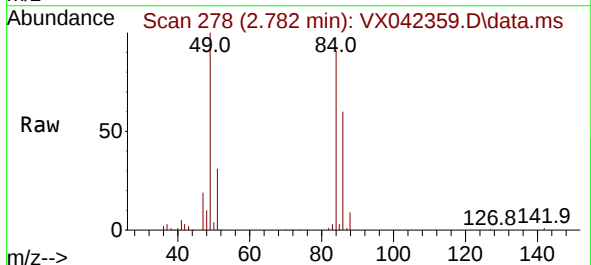
Manual Integrations
APPROVED

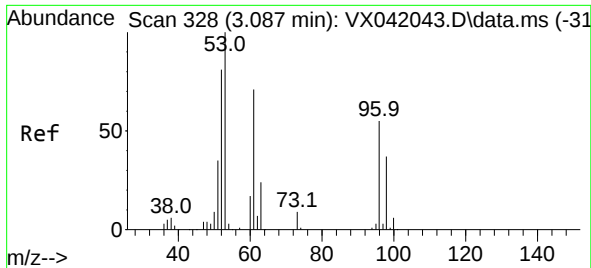
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#20
Methylene Chloride
Concen: 45.344 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

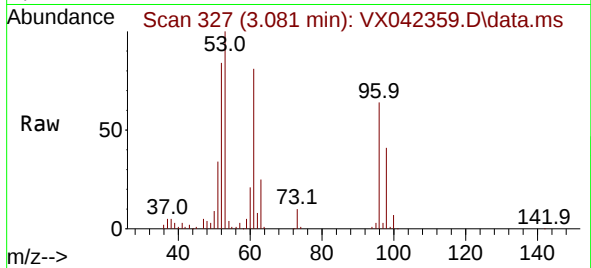
Tgt Ion: 84 Resp: 80682
Ion Ratio Lower Upper
84 100
49 110.2 103.6 155.4
51 34.1 33.8 50.6
86 66.3 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 50.427 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

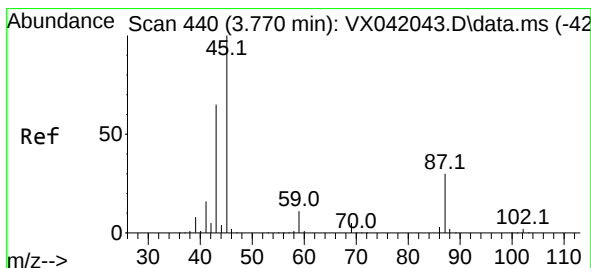
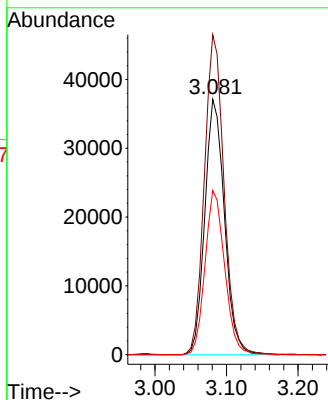
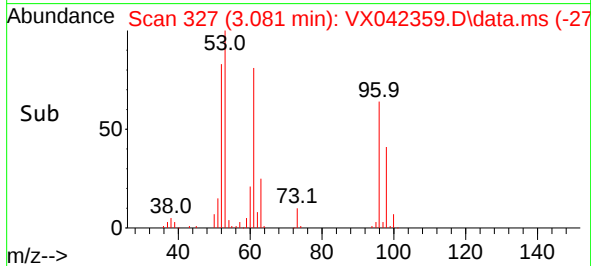
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 7084
Ion Ratio Lower Upper
96 100
61 125.3 119.2 178.8
98 64.3 48.7 73.1

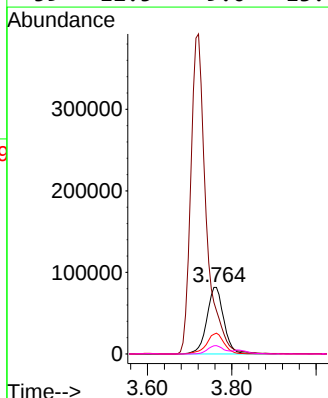
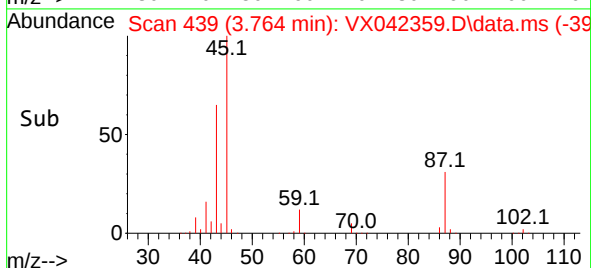
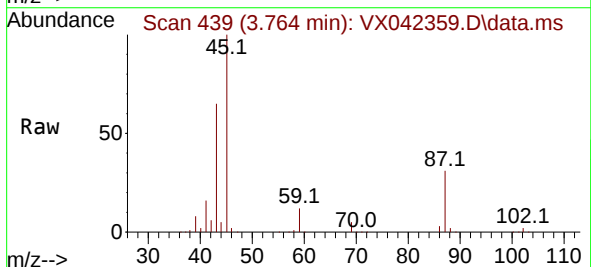
Manual Integrations
APPROVED

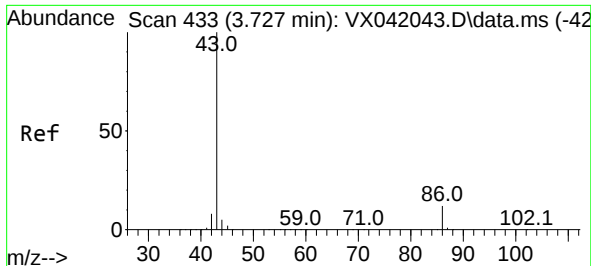
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#22
Diisopropyl ether
Concen: 49.174 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

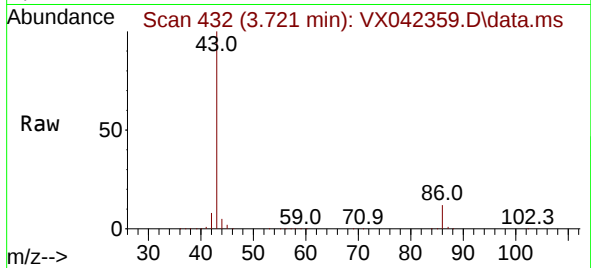
Tgt Ion: 45 Resp: 228182
Ion Ratio Lower Upper
45 100
43 64.7 69.7 104.5#
87 31.3 20.8 31.2#
59 12.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 250.987 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX042359.D
 Acq: 17 Jul 2024 16:32

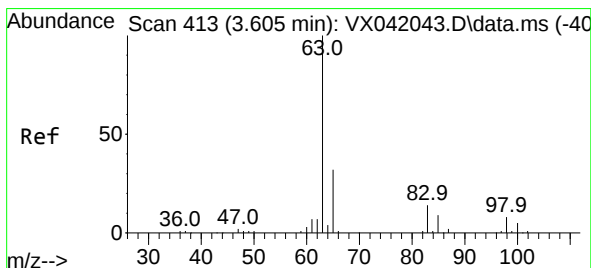
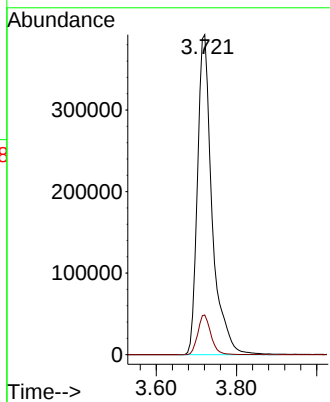
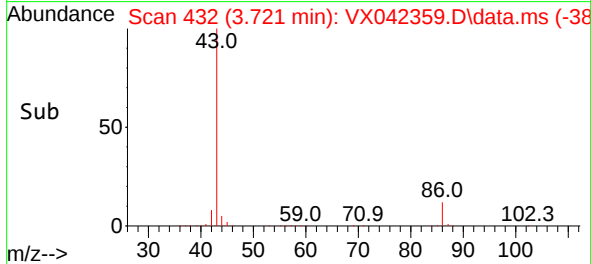
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



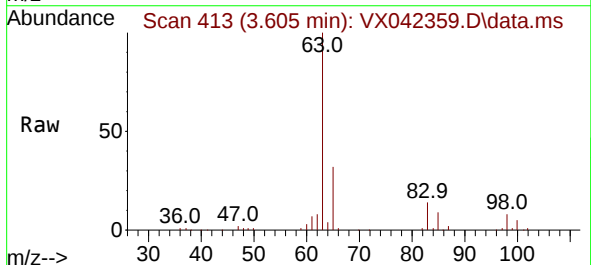
Tgt Ion: 43 Resp: 99462
 Ion Ratio Lower Upper
 43 100
 86 12.4 7.8 11.8

Manual Integrations
 APPROVED

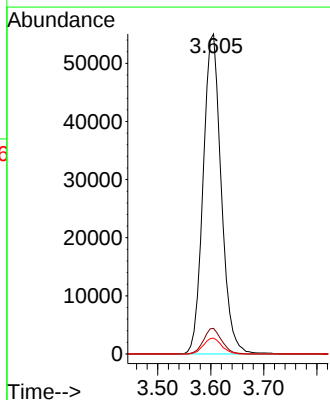
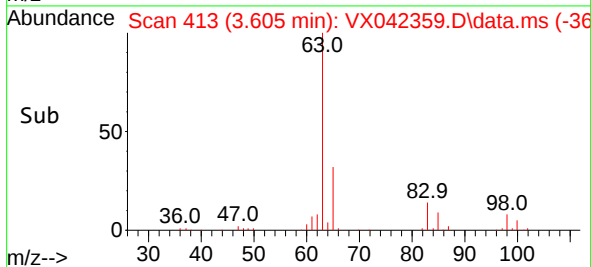
Reviewed By :John Carlone 07/18/2024
 Supervised By :Mahesh Dadoda 07/18/2024

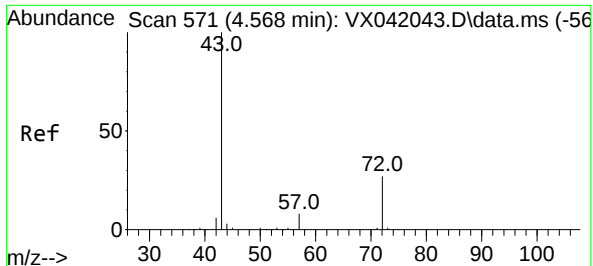


#24
 1,1-Dichloroethane
 Concen: 50.126 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX042359.D
 Acq: 17 Jul 2024 16:32



Tgt Ion: 63 Resp: 130255
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.3 9.8
 100 5.0 2.1 6.5





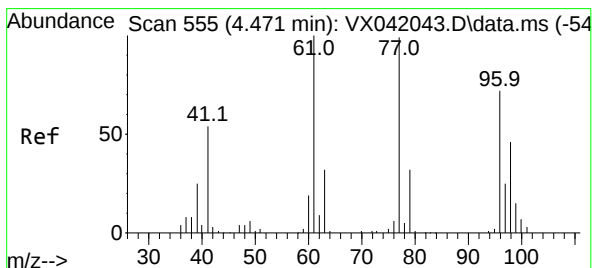
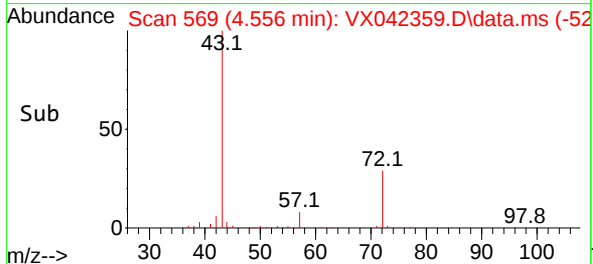
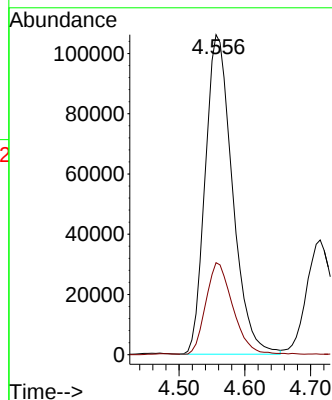
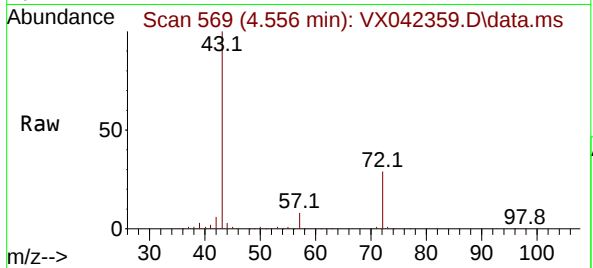
#25
2-Butanone
Concen: 241.211 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.018 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 30494
Ion Ratio Lower Upper
43 100
72 28.6 19.4 29.2

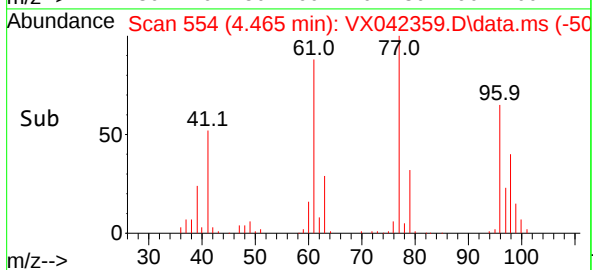
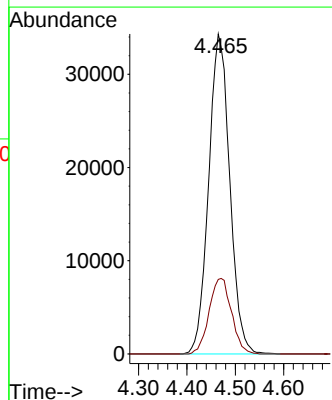
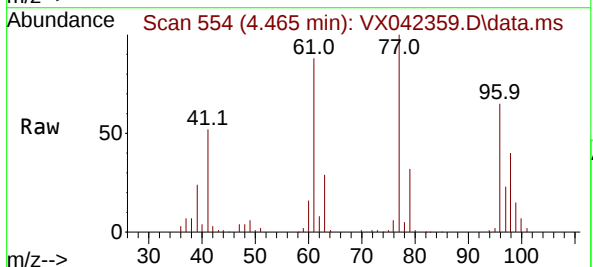
Manual Integrations
APPROVED

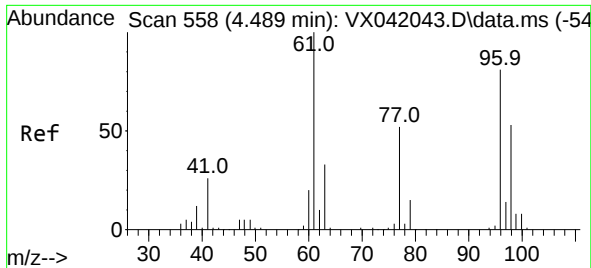
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#26
2,2-Dichloropropane
Concen: 55.258 ug/l
RT: 4.465 min Scan# 554
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

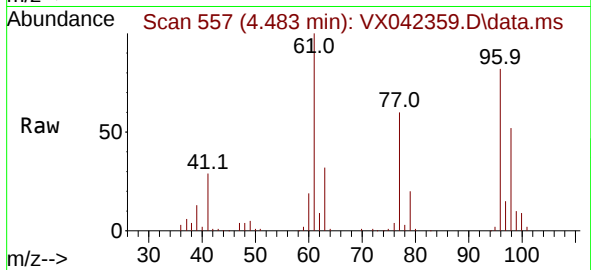
Tgt Ion: 77 Resp: 103984
Ion Ratio Lower Upper
77 100
97 25.0 10.8 32.3





#27
cis-1,2-Dichloroethene
Concen: 51.710 ug/l
RT: 4.483 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

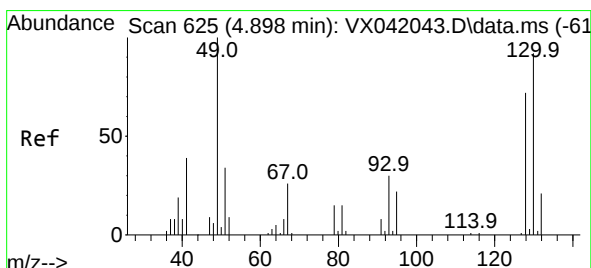
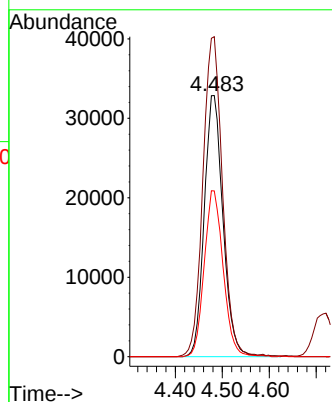
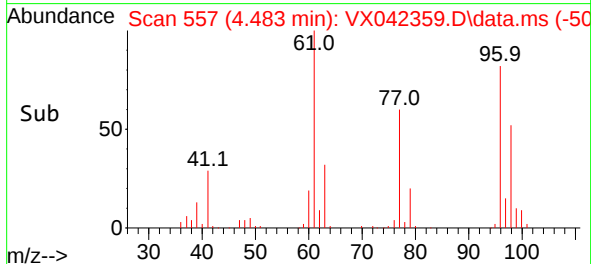
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 90984
Ion Ratio Lower Upper
96 100
61 128.5 0.0 312.2
98 64.3 0.0 129.0

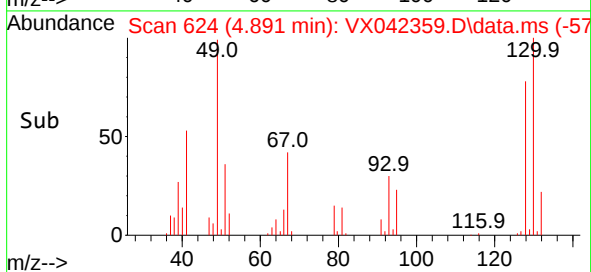
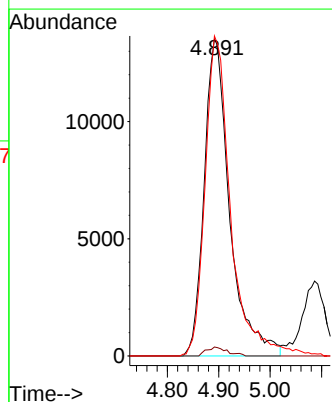
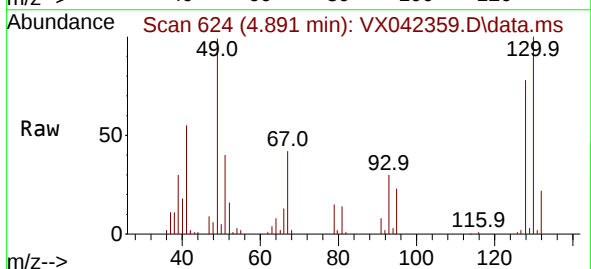
Manual Integrations
APPROVED

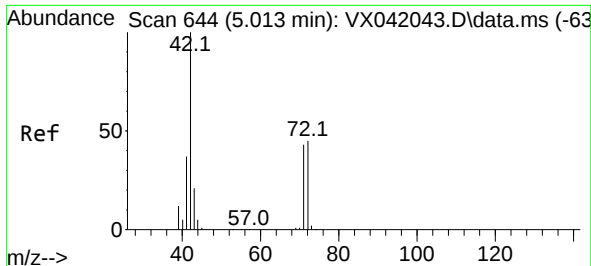
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#28
Bromochloromethane
Concen: 41.960 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.012 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion: 49 Resp: 46702
Ion Ratio Lower Upper
49 100
129 2.3 0.0 3.8
130 101.7 57.5 86.3#





#29

Tetrahydrofuran

Concen: 239.674 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.012 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 19568

Ion Ratio Lower Upper

42 100

72 49.3 34.2 51.4

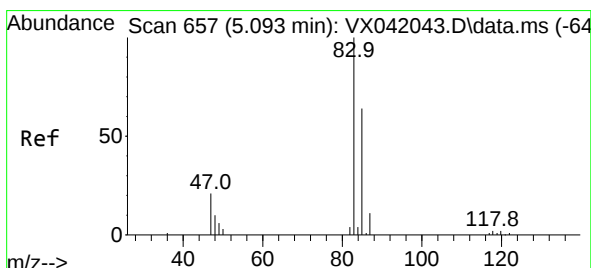
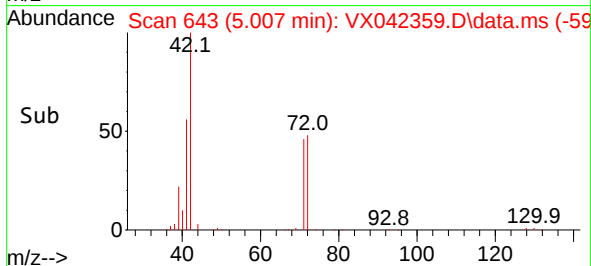
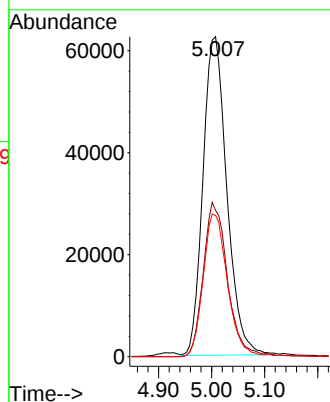
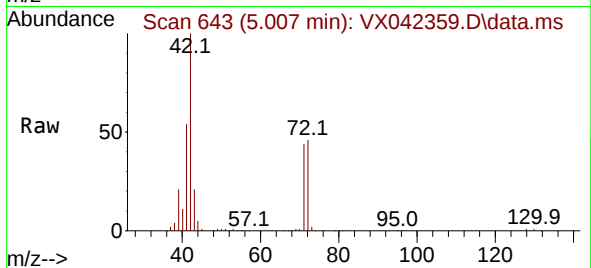
71 45.5 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#30

Chloroform

Concen: 51.743 ug/l

RT: 5.086 min Scan# 656

Delta R.T. -0.012 min

Lab File: VX042359.D

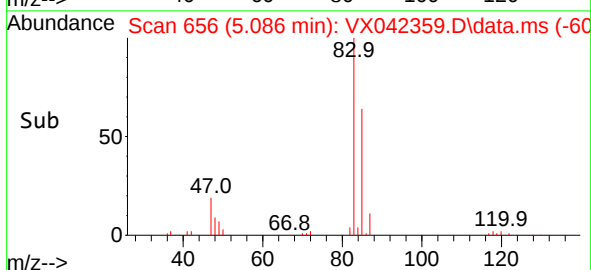
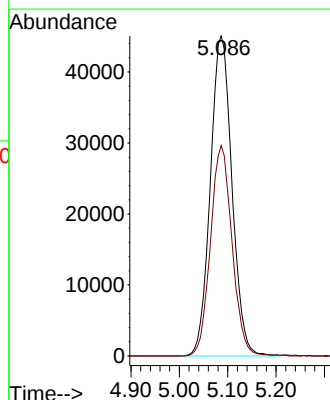
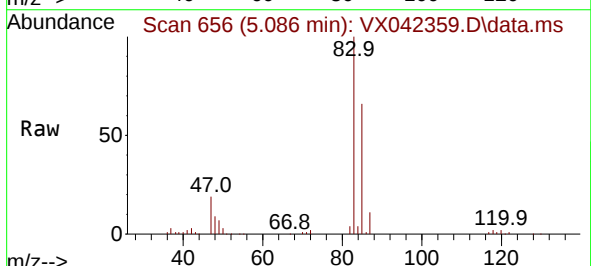
Acq: 17 Jul 2024 16:32

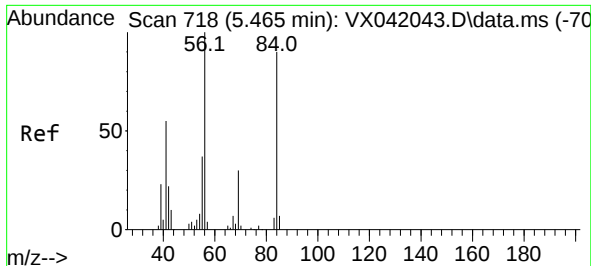
Tgt Ion: 83 Resp: 140080

Ion Ratio Lower Upper

83 100

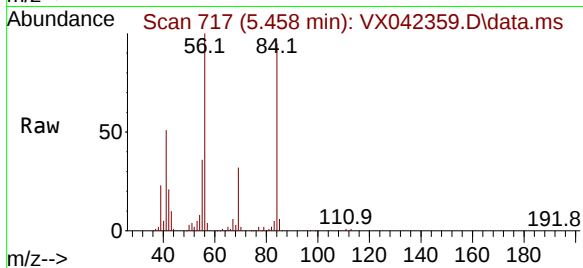
85 65.8 50.3 75.5





#31
Cyclohexane
Concen: 47.793 ug/l
RT: 5.458 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

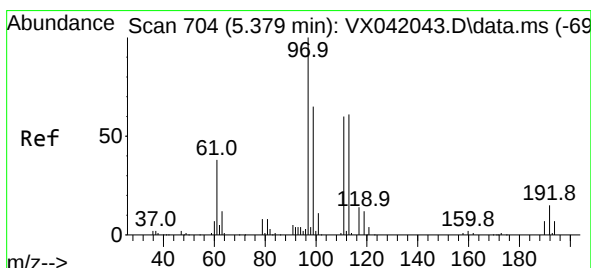
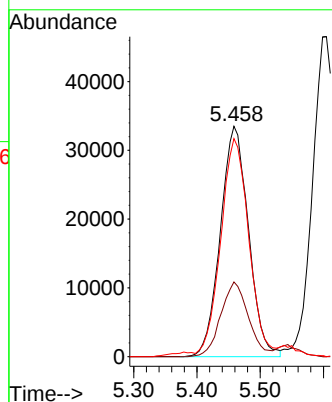
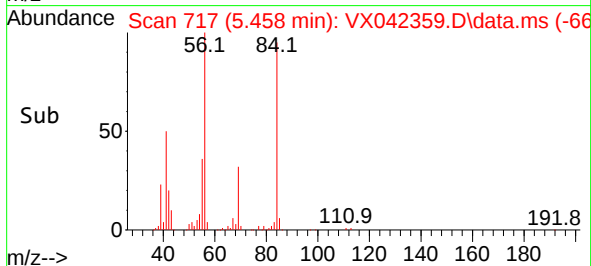
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



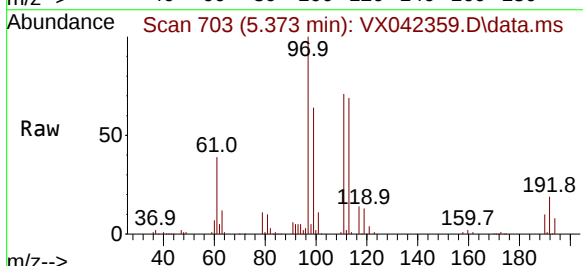
Tgt Ion: 56 Resp: 103436
Ion Ratio Lower Upper
56 100
69 32.4 23.4 35.2
84 93.2 65.9 98.9

Manual Integrations
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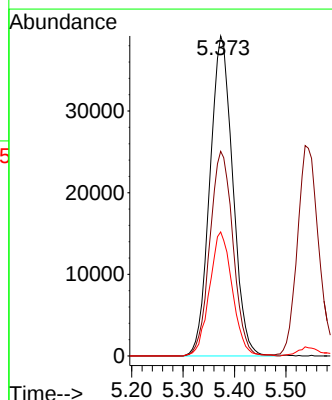
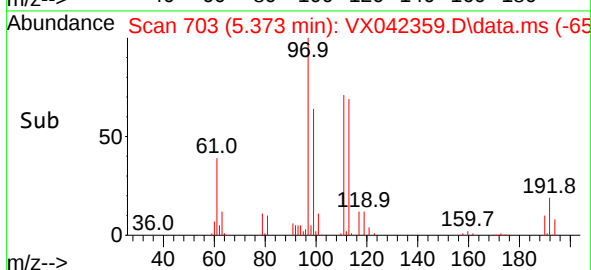
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#32
1,1,1-Trichloroethane
Concen: 53.562 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32



Tgt Ion: 97 Resp: 121166
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: 46.316 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 85714

Ion Ratio Lower Upper

65 100

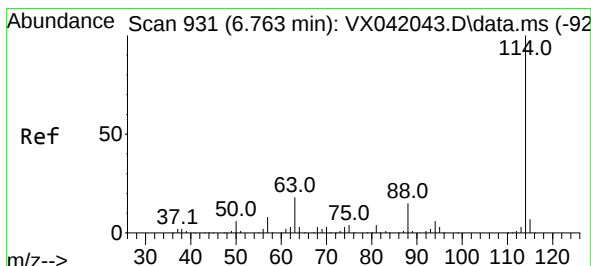
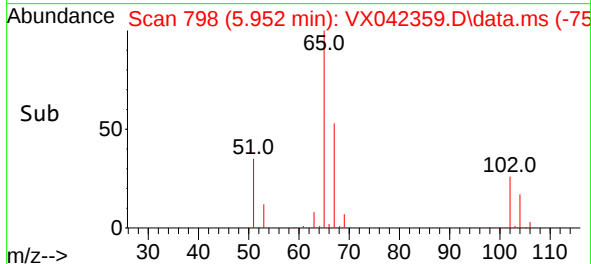
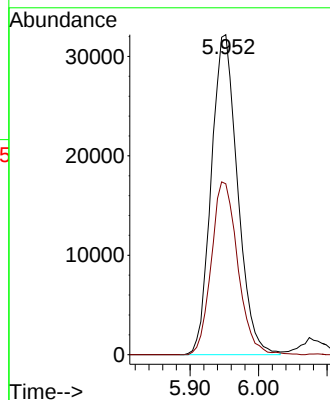
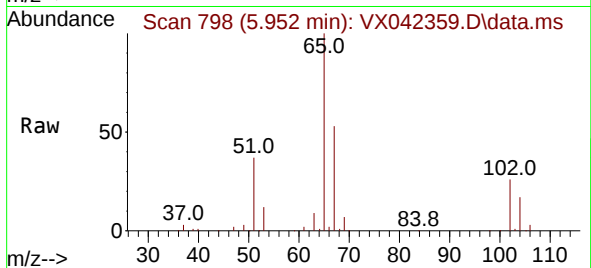
67 54.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

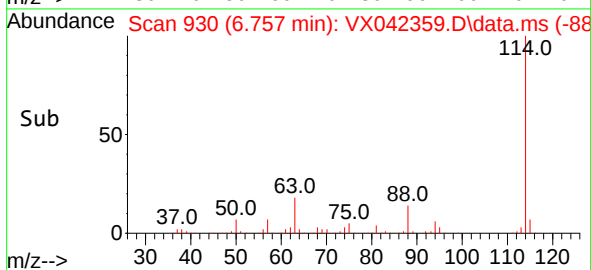
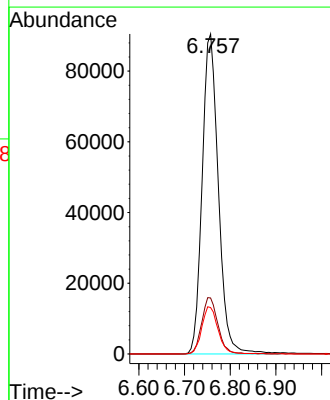
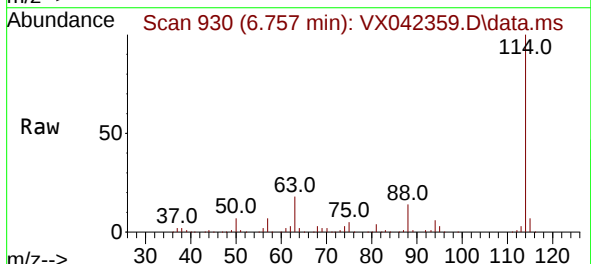
Tgt Ion:114 Resp: 222311

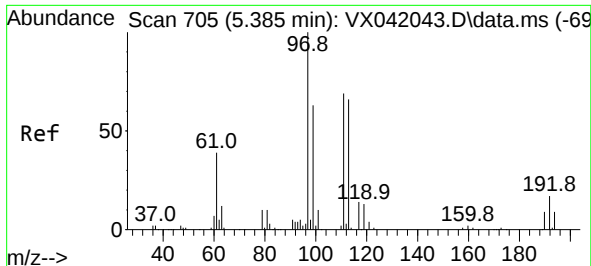
Ion Ratio Lower Upper

114 100

63 17.5 0.0 45.0

88 14.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 54.804 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.012 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 8644

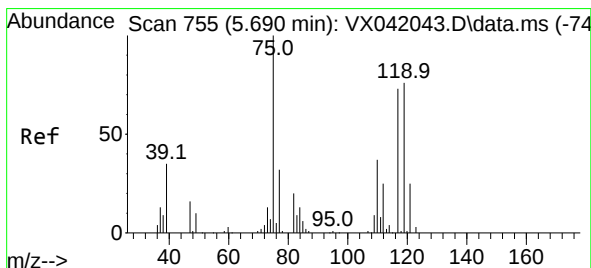
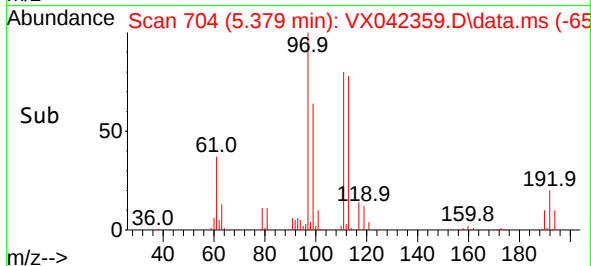
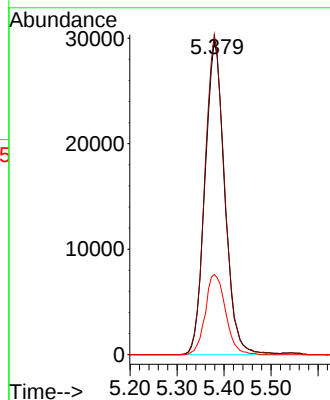
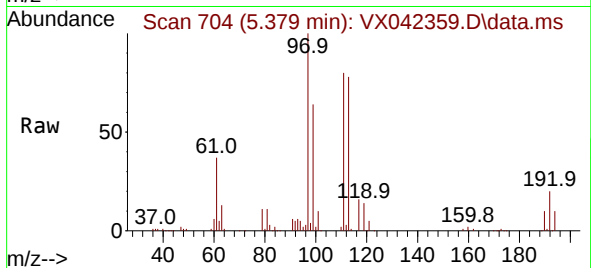
Ion	Ratio	Lower	Upper
113	100		
111	102.2	82.9	124.3
192	26.4	13.3	19.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#36

1,1-Dichloropropene

Concen: 53.328 ug/l

RT: 5.678 min Scan# 753

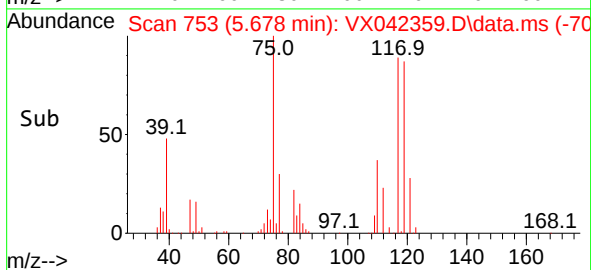
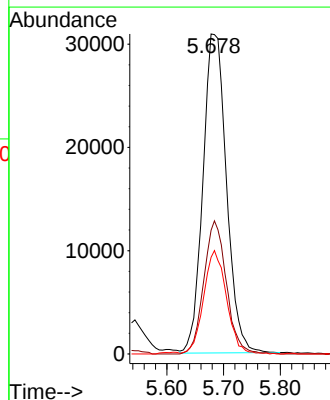
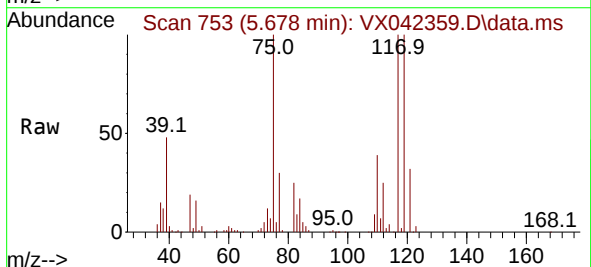
Delta R.T. -0.012 min

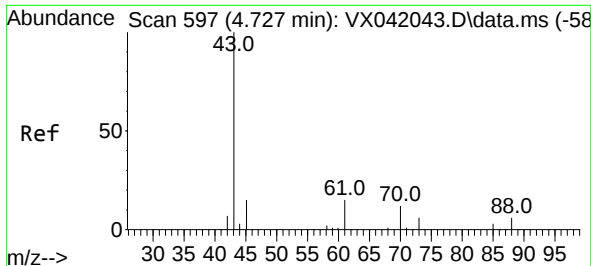
Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Tgt Ion: 75 Resp: 89328

Ion	Ratio	Lower	Upper
75	100		
110	40.0	17.0	50.9
77	31.5	24.7	37.1





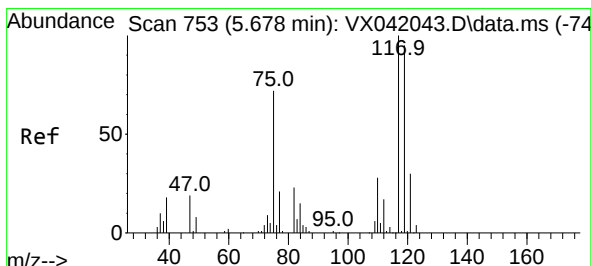
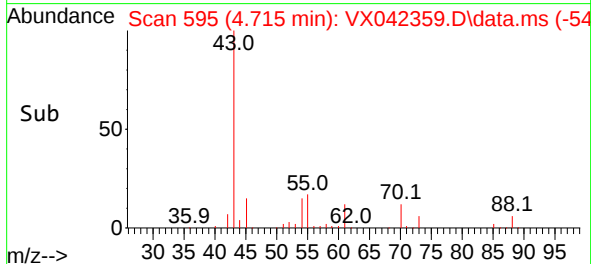
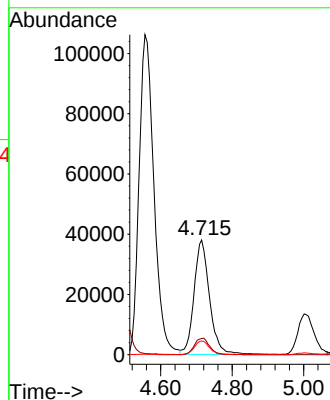
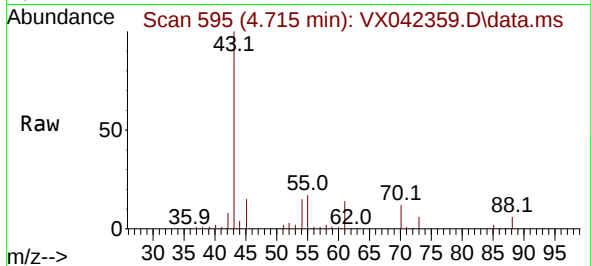
#37
Ethyl Acetate
Concen: 52.067 ug/l
RT: 4.715 min Scan# 597
Delta R.T. -0.012 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 113612
Ion Ratio Lower Upper
43 100
61 14.5 10.6 16.0
70 11.7 8.3 12.5

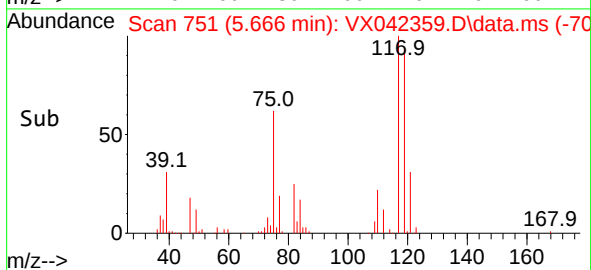
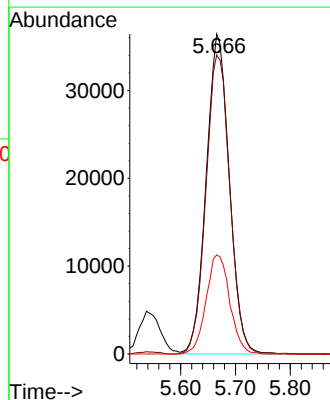
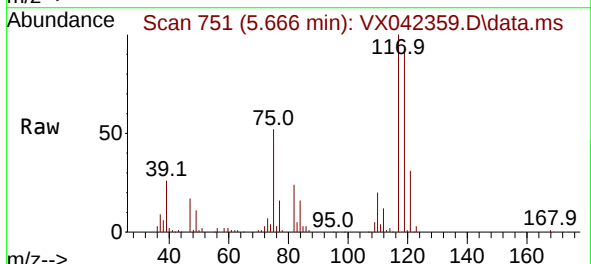
Manual Integrations
APPROVED

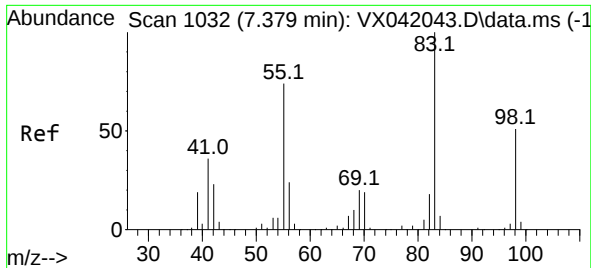
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#38
Carbon Tetrachloride
Concen: 57.736 ug/l
RT: 5.666 min Scan# 751
Delta R.T. -0.012 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion:117 Resp: 106855
Ion Ratio Lower Upper
117 100
119 93.3 78.2 117.2
121 31.0 24.4 36.6





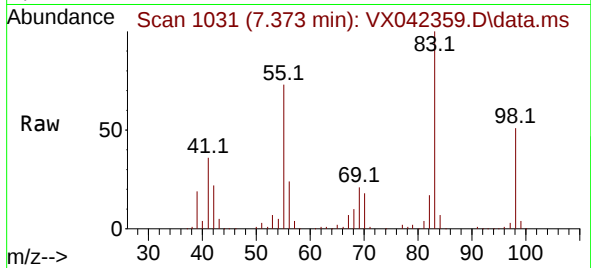
#39
Methylcyclohexane
Concen: 55.679 ug/l
RT: 7.373 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



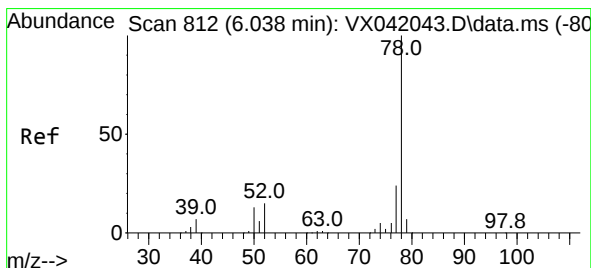
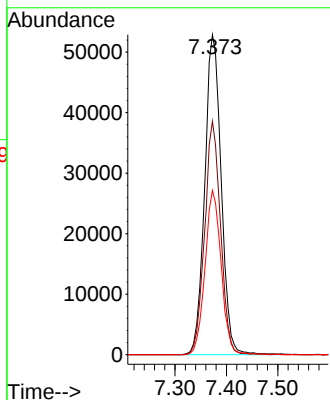
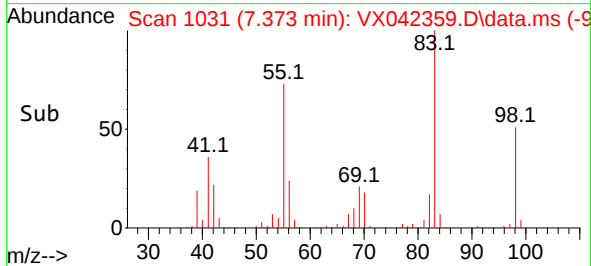
Tgt Ion: 83 Resp: 117952
Ion Ratio Lower Upper
83 100
55 73.0 64.6 97.0
98 51.3 36.7 55.1

Manual Integrations

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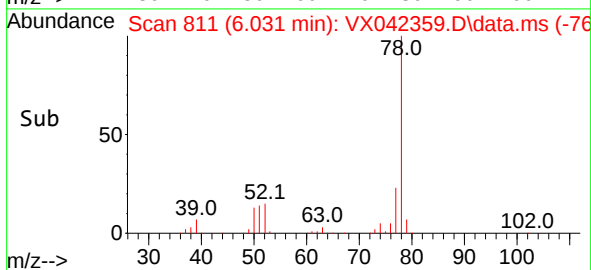
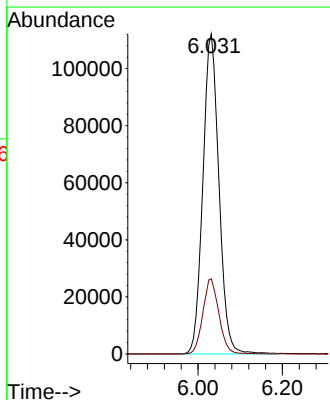
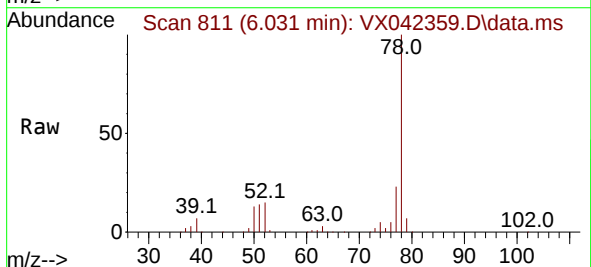
Reviewed By :John Carlone 07/18/2024

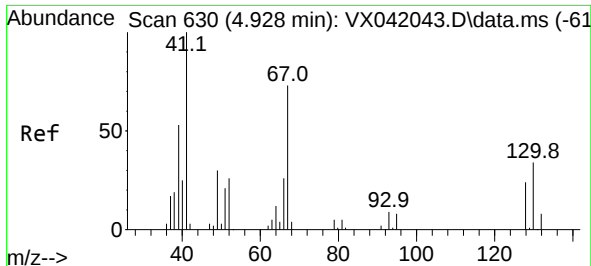
Supervised By :Mahesh Dadoda 07/18/2024



#40
Benzene
Concen: 52.659 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion: 78 Resp: 297492
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9





#41
Methacrylonitrile
Concen: 52.915 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

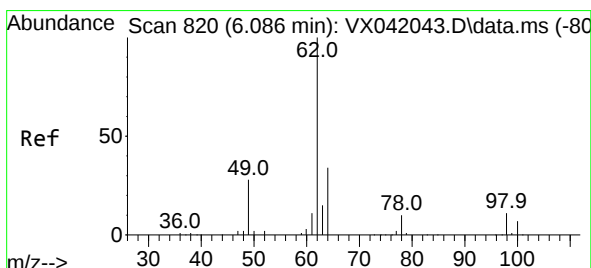
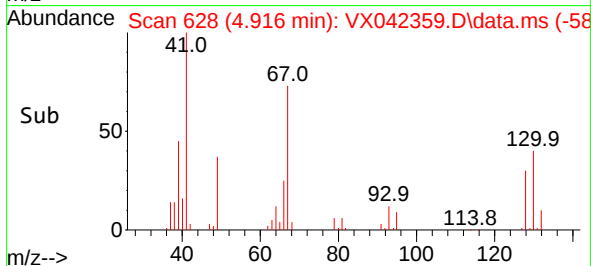
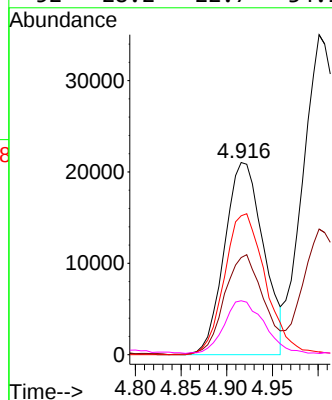
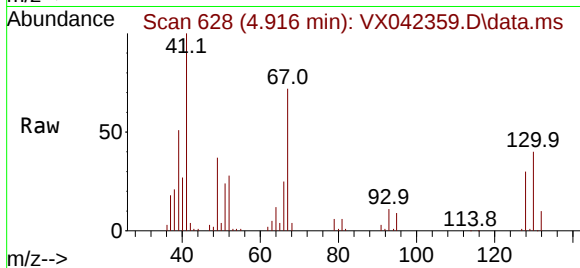
Tgt Ion: 41 Resp: 62589
Ion Ratio Lower Upper
41 100
39 51.9 45.2 67.8
67 77.7 52.6 78.8
52 28.2 22.7 34.1

Manual Integrations

APPROVED

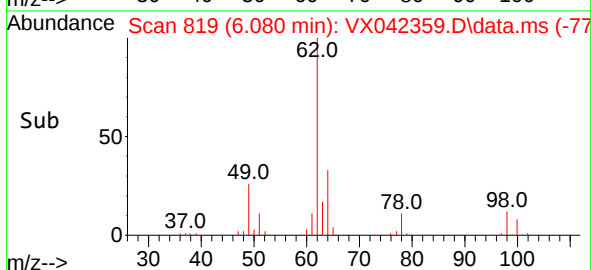
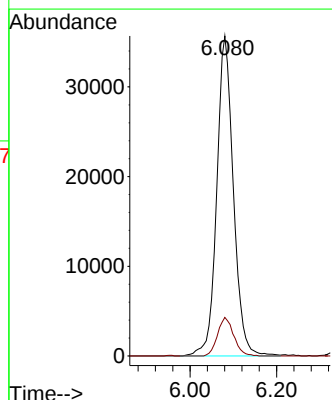
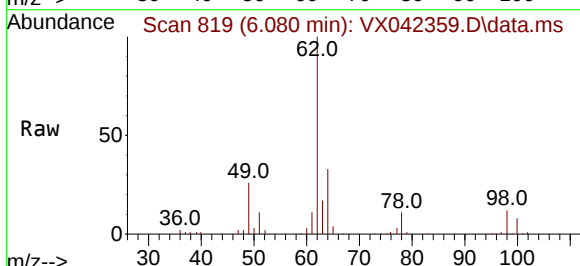
Reviewed By :John Carlone 07/18/2024

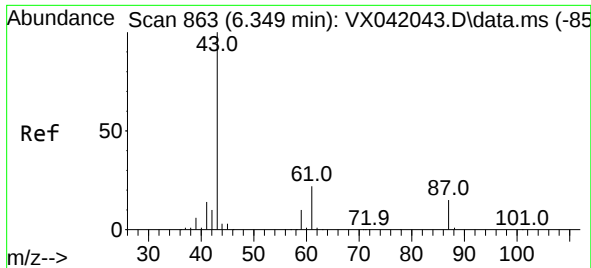
Supervised By :Mahesh Dadoda 07/18/2024



#42
1,2-Dichloroethane
Concen: 52.459 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion: 62 Resp: 95461
Ion Ratio Lower Upper
62 100
98 11.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.673 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.012 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

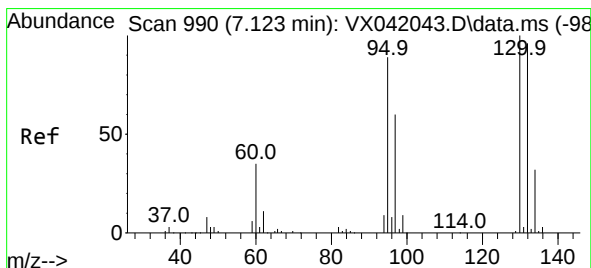
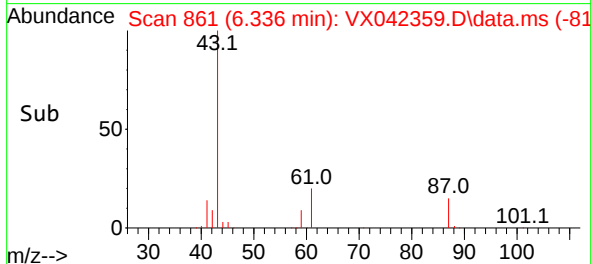
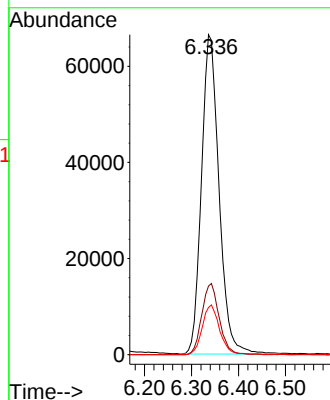
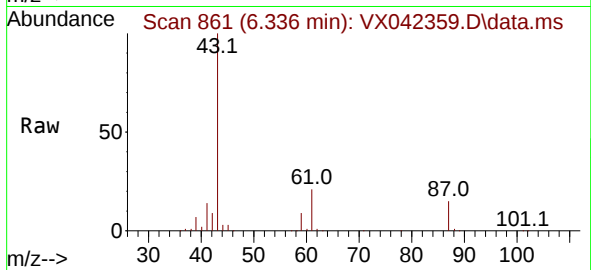
Tgt Ion: 43	Resp: 173069
Ion Ratio	Lower Upper
43 100	
61 22.1	15.2 22.8
87 15.3	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#44

Trichloroethene

Concen: 56.110 ug/l

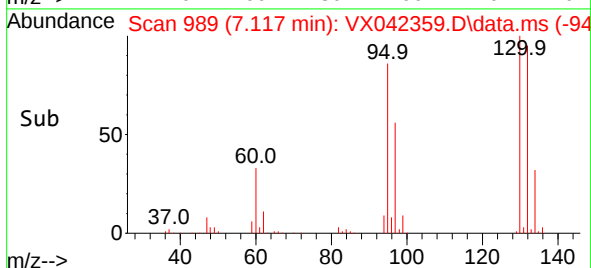
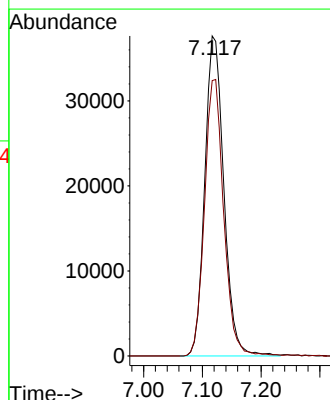
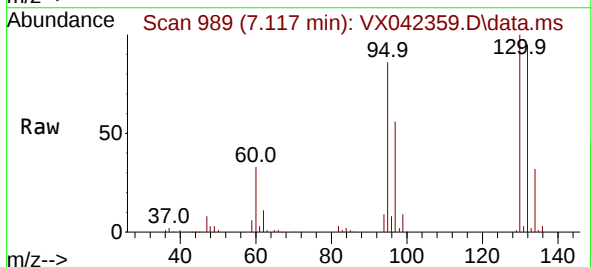
RT: 7.117 min Scan# 989

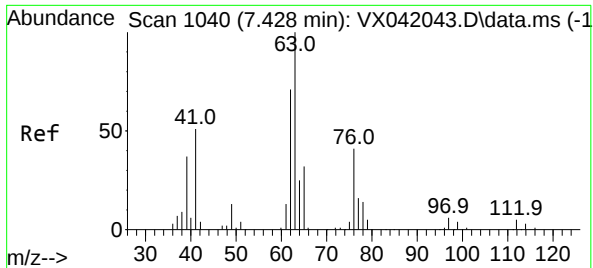
Delta R.T. -0.012 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Tgt Ion:130	Resp: 84968
Ion Ratio	Lower Upper
130 100	
95 86.0	0.0 204.4





#45
1,2-Dichloropropane
Concen: 52.917 ug/l
RT: 7.428 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

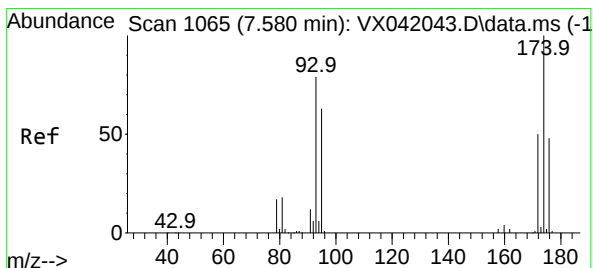
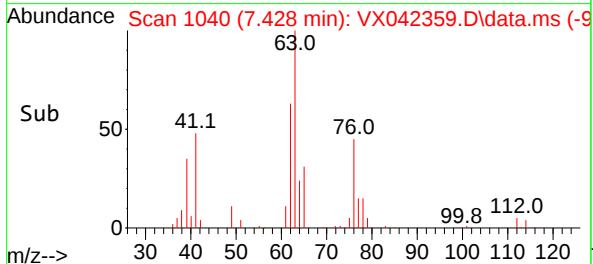
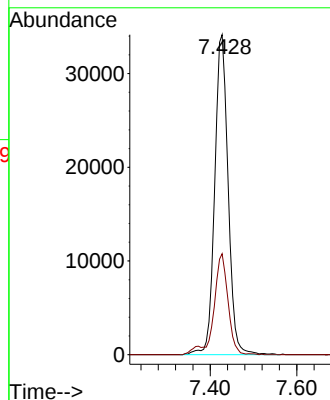
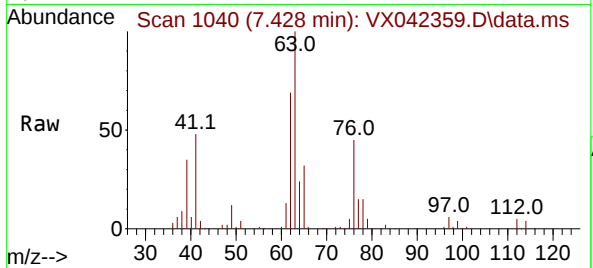
Tgt Ion: 63 Resp: 7350
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5

Manual Integrations

APPROVED

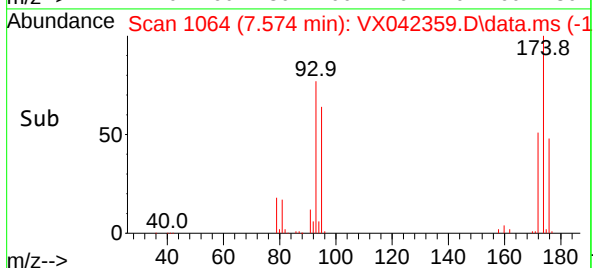
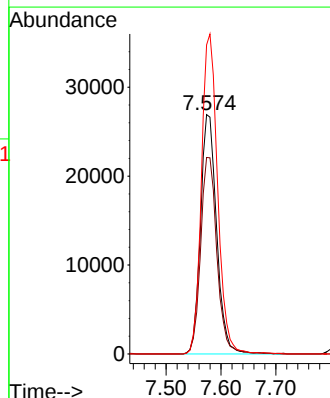
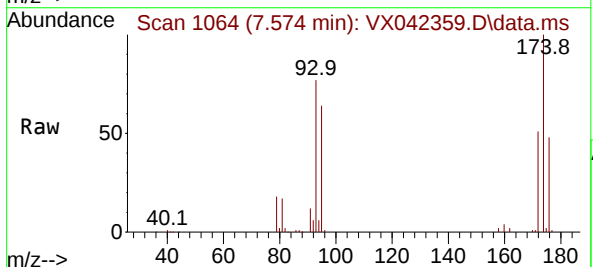
Reviewed By :John Carlone 07/18/2024

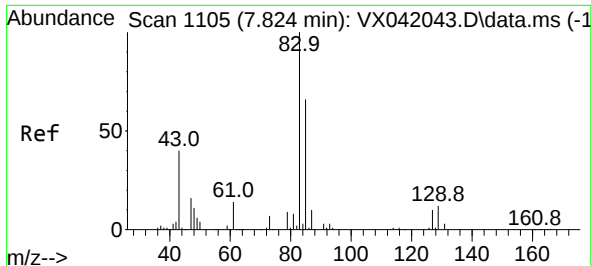
Supervised By :Mahesh Dadoda 07/18/2024



#46
Dibromomethane
Concen: 54.319 ug/l
RT: 7.574 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

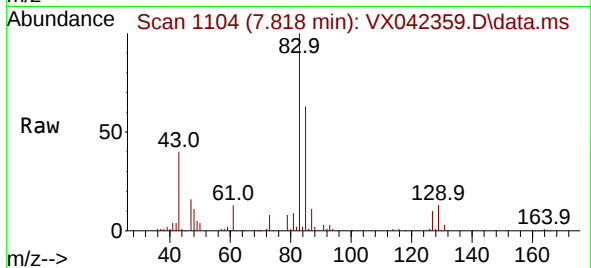
Tgt Ion: 93 Resp: 54978
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 133.6 69.4 104.0#





#47
Bromodichloromethane
Concen: 56.132 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

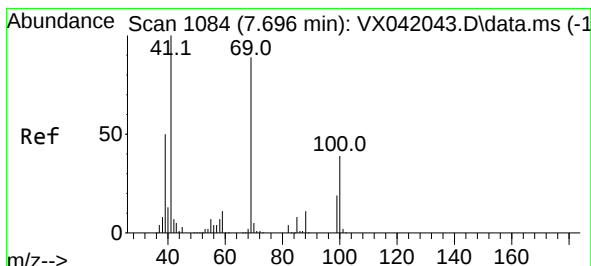
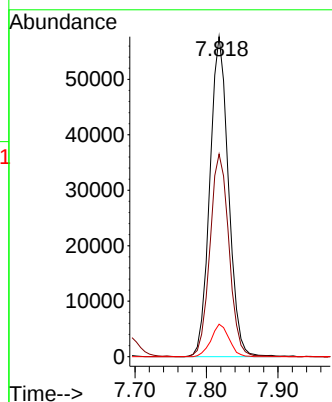
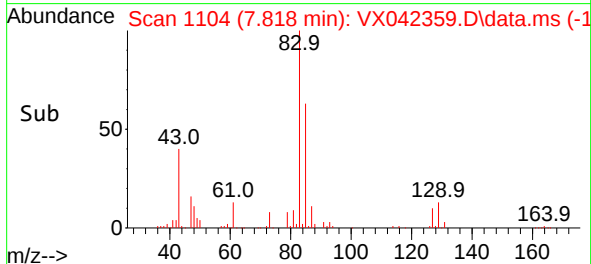
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 104300
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.6
127 10.1 7.1 10.7

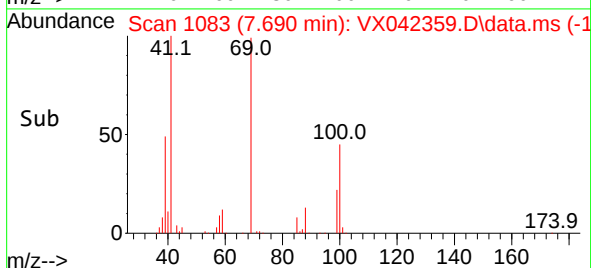
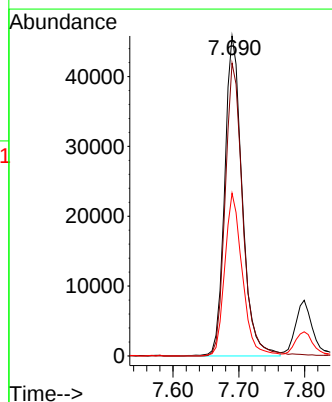
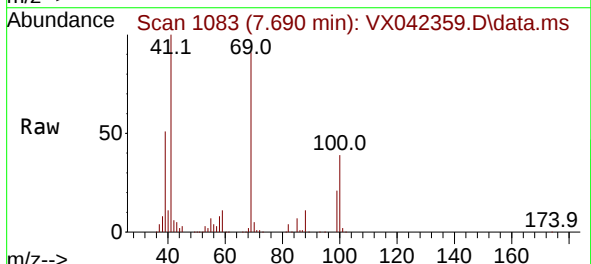
Manual Integrations
APPROVED

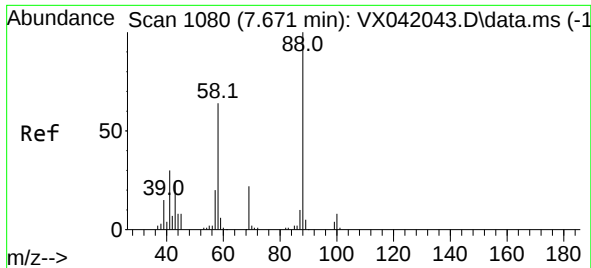
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#48
Methyl methacrylate
Concen: 53.133 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

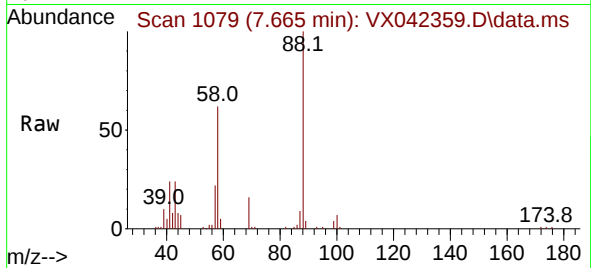
Tgt Ion: 41 Resp: 84930
Ion Ratio Lower Upper
41 100
69 92.0 59.2 88.8
39 50.9 47.7 71.5





#49
1,4-Dioxane
Concen: 994.286 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

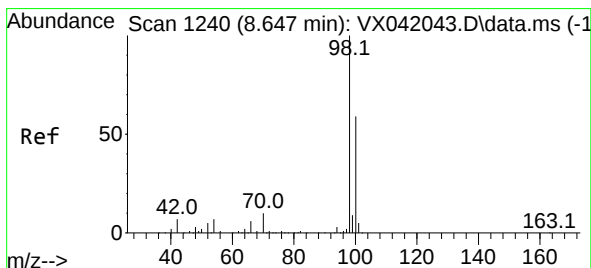
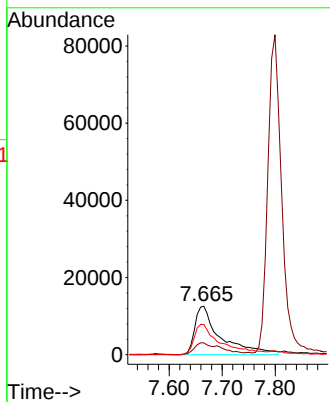
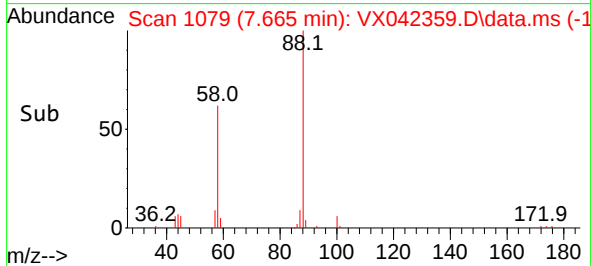
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 42048
Ion Ratio Lower Upper
88 100
43 26.0 0.0 0.0
58 64.1 60.1 90.1

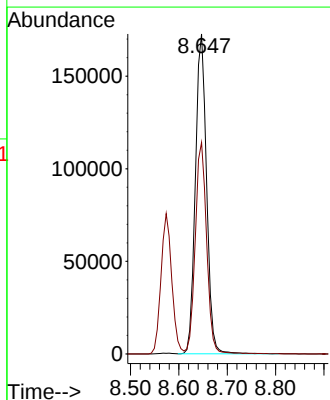
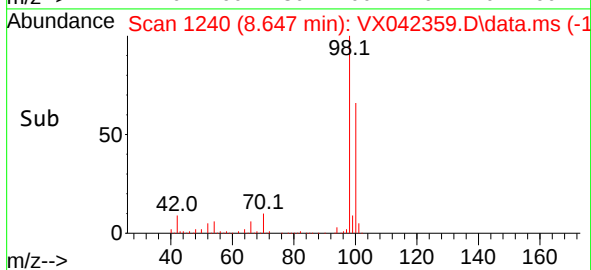
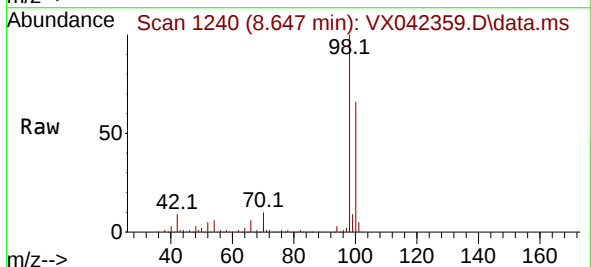
Manual Integrations
APPROVED

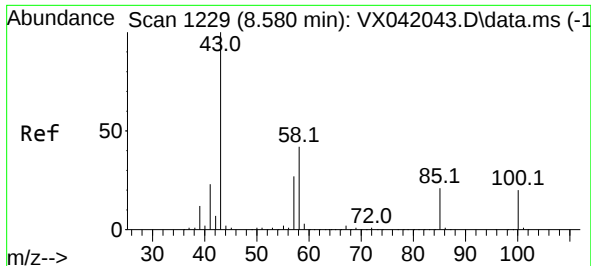
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#50
Toluene-d8
Concen: 49.862 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion: 98 Resp: 276310
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 258.118 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

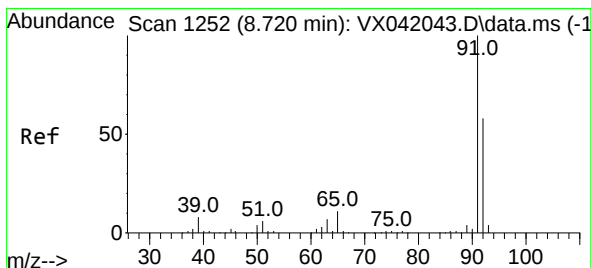
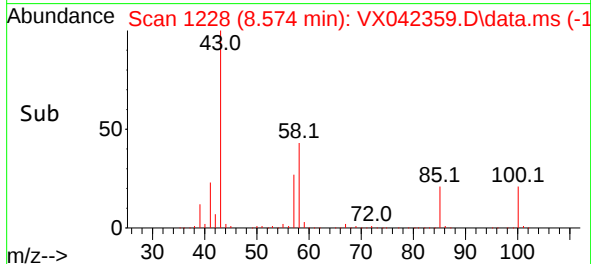
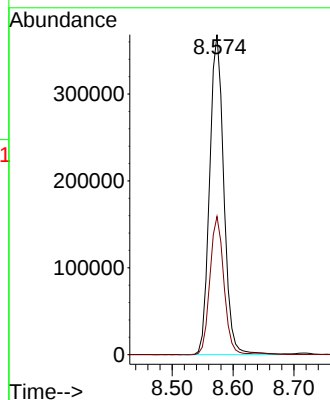
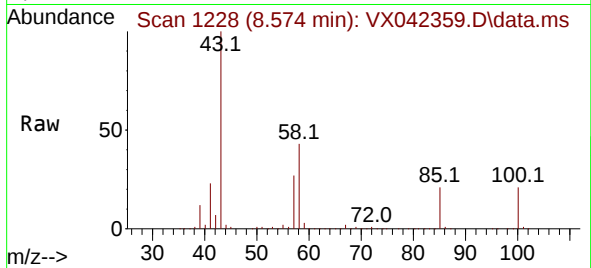
Tgt Ion: 43 Resp: 59551
Ion Ratio Lower Upper
43 100
58 42.4 30.4 45.6

Manual Integrations

APPROVED

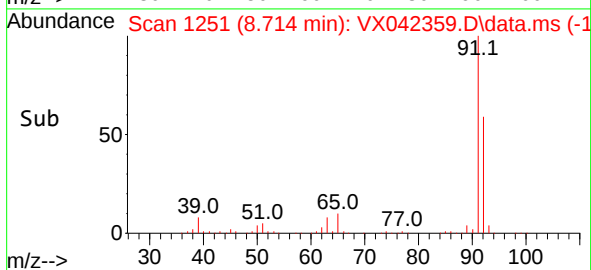
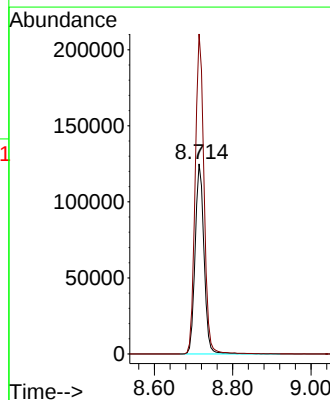
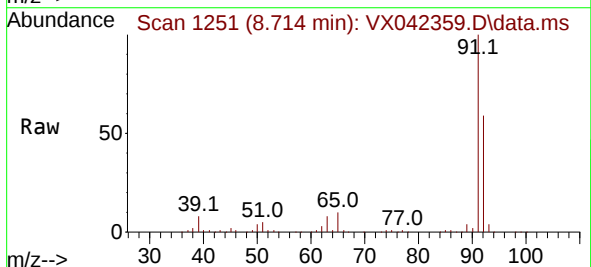
Reviewed By :John Carlone 07/18/2024

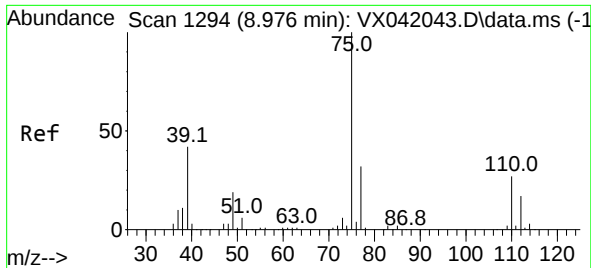
Supervised By :Mahesh Dadoda 07/18/2024



#52
Toluene
Concen: 54.929 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion: 92 Resp: 197605
Ion Ratio Lower Upper
92 100
91 167.6 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 53.259 ug/l
RT: 8.976 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

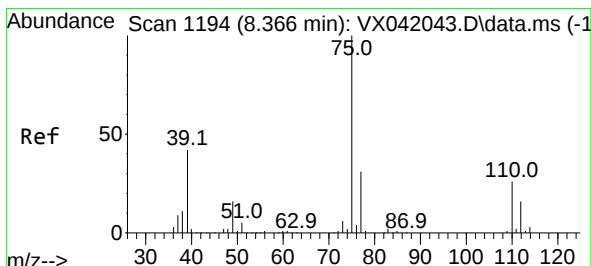
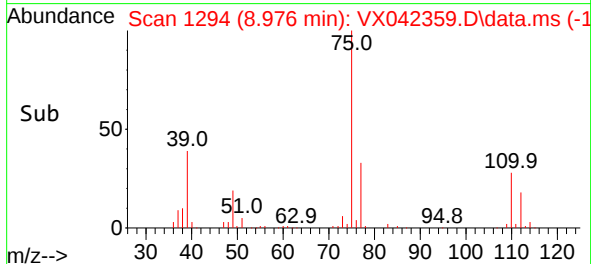
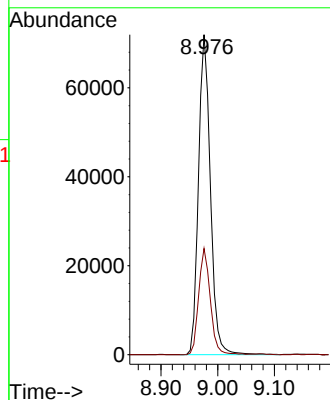
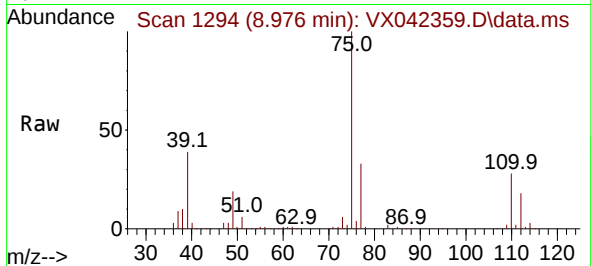
VSTDCCC050EC

Tgt Ion: 75 Resp: 10497
Ion Ratio Lower Upper
75 100
77 33.2 25.7 38.5

Manual Integrations

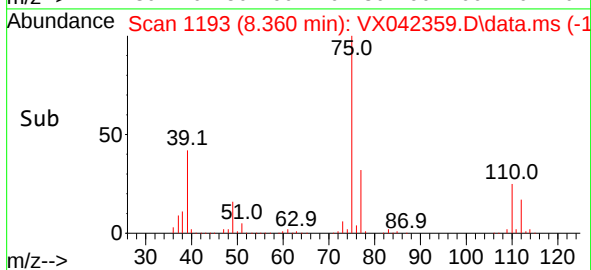
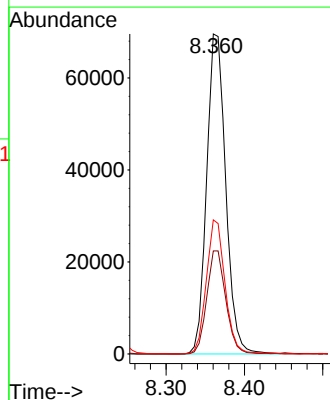
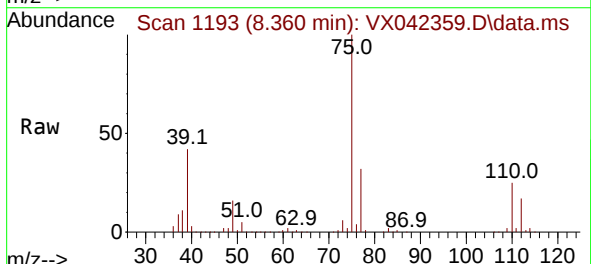
APPROVED

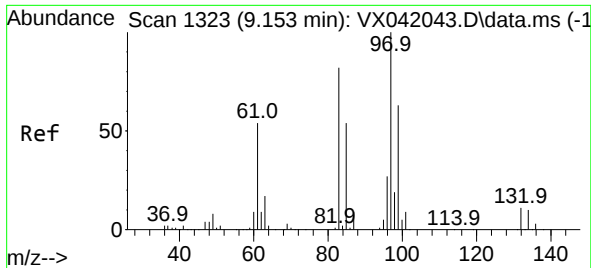
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#54
cis-1,3-Dichloropropene
Concen: 57.782 ug/l
RT: 8.360 min Scan# 1193
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion: 75 Resp: 117553
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 41.9 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 55.051 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

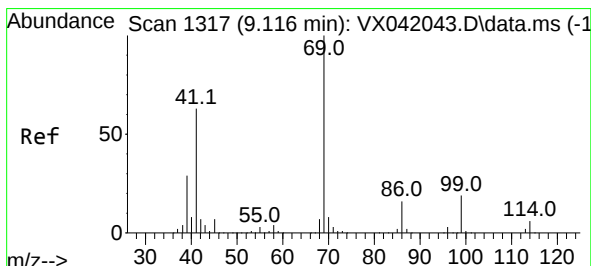
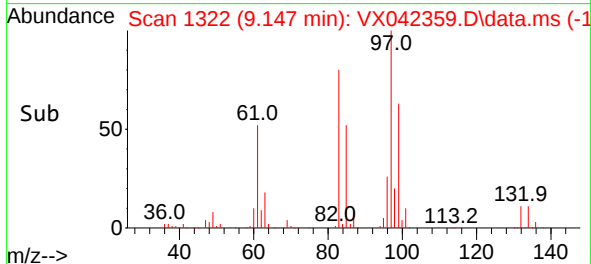
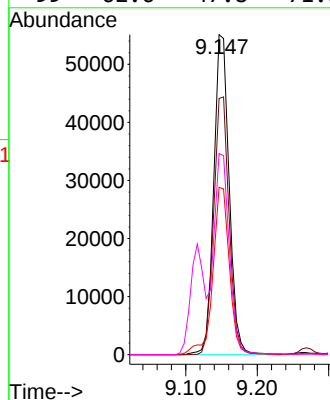
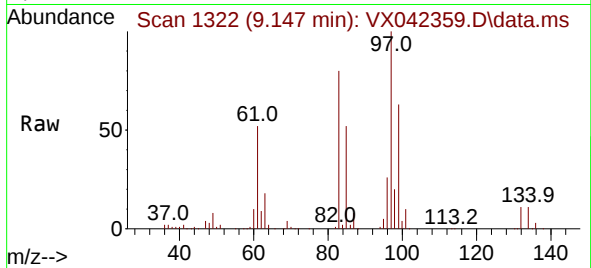
VSTDCCC050EC

Tgt Ion: 97 Resp: 82502
Ion Ratio Lower Upper
97 100
83 80.1 65.8 98.8
85 52.3 41.6 62.4
99 62.6 47.8 71.8

Manual Integrations

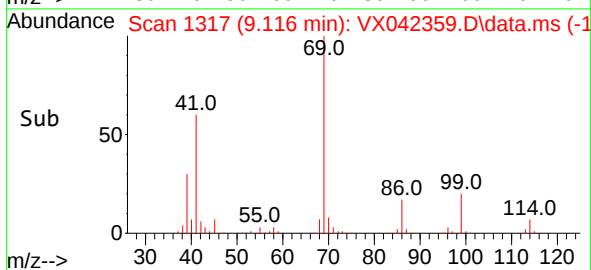
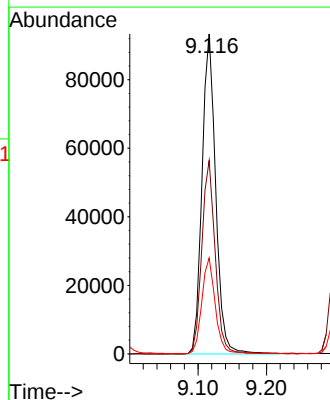
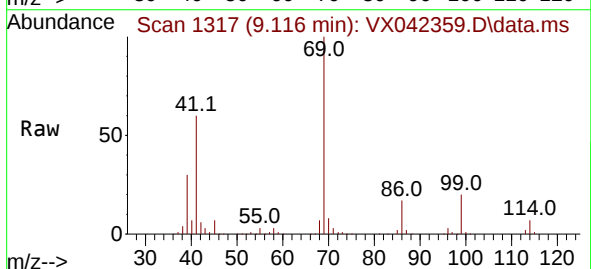
APPROVED

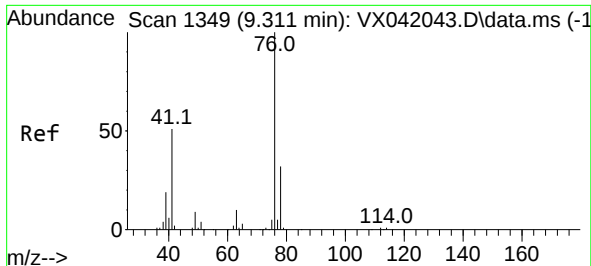
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#56
Ethyl methacrylate
Concen: 55.727 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion: 69 Resp: 129925
Ion Ratio Lower Upper
69 100
41 59.8 56.8 85.2
39 29.3 32.0 48.0#





#57
1,3-Dichloropropane
Concen: 53.515 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

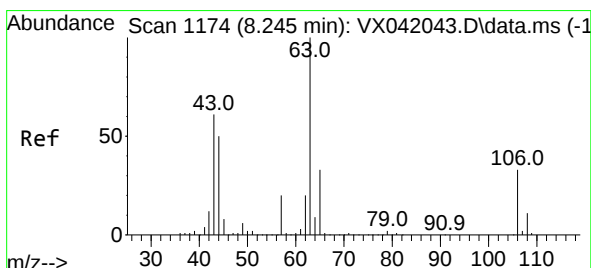
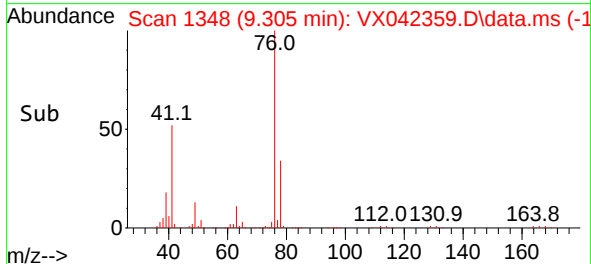
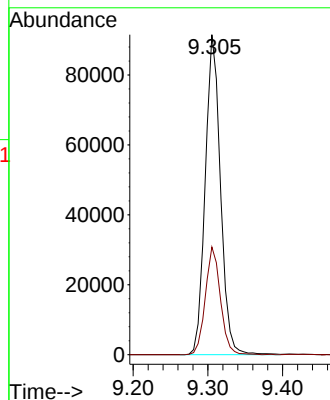
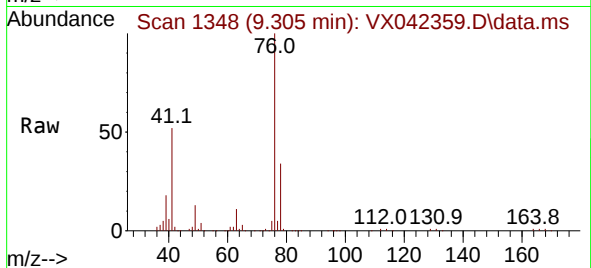
Tgt Ion: 76 Resp: 129572
Ion Ratio Lower Upper
76 100
78 33.2 26.1 39.1

Manual Integrations

APPROVED

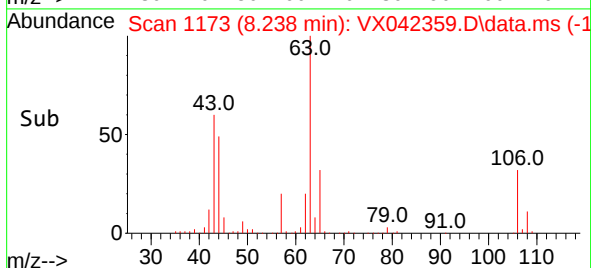
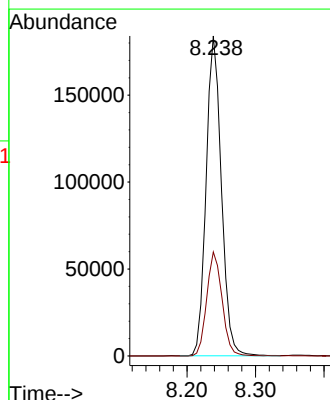
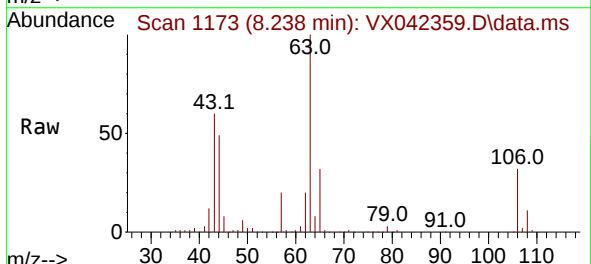
Reviewed By :John Carlone 07/18/2024

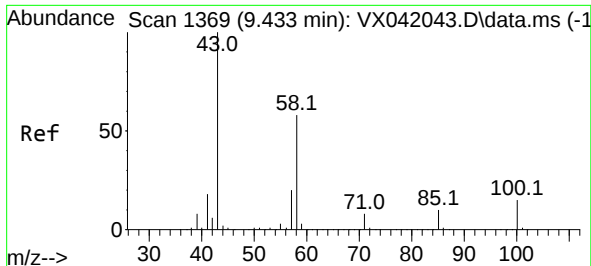
Supervised By :Mahesh Dadoda 07/18/2024



#58
2-Chloroethyl Vinyl ether
Concen: 262.839 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

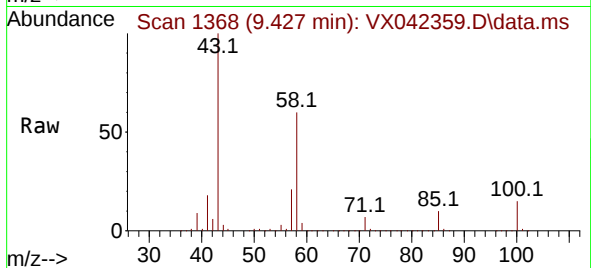
Tgt Ion: 63 Resp: 285569
Ion Ratio Lower Upper
63 100
106 32.8 22.5 33.7





#59
2-Hexanone
Concen: 259.700 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

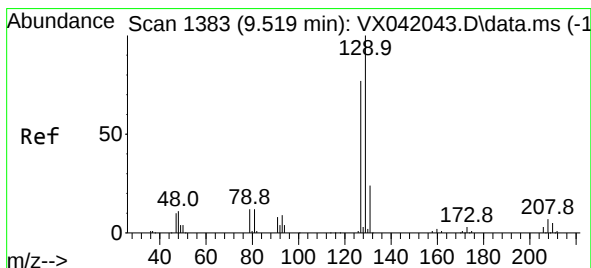
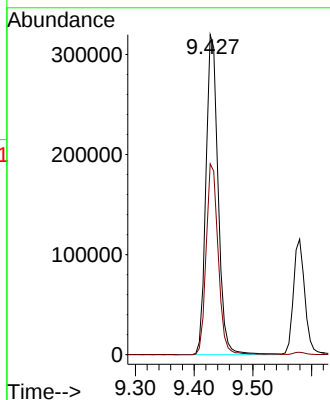
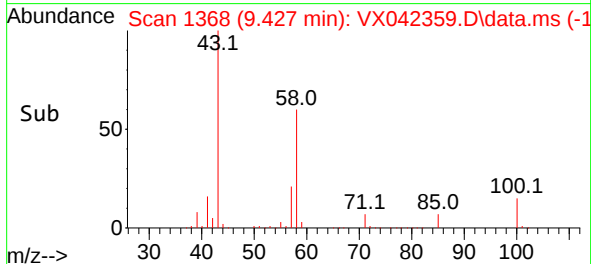
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 458900
Ion Ratio Lower Upper
43 100
58 59.2 26.2 78.5

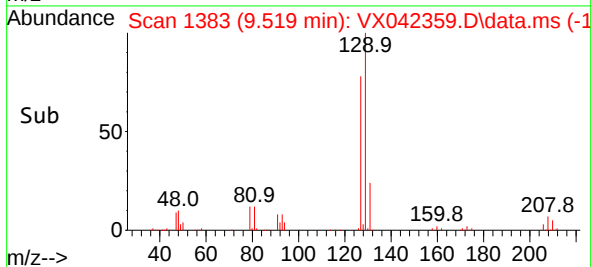
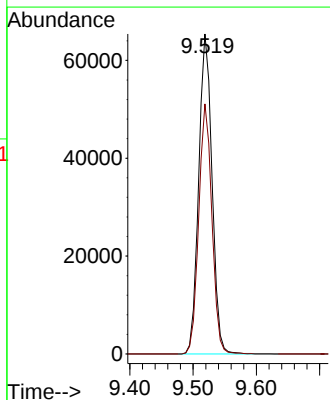
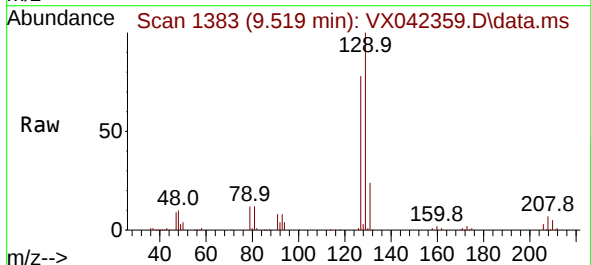
Manual Integrations
APPROVED

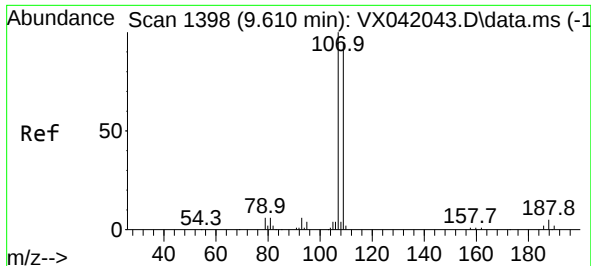
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#60
Dibromochloromethane
Concen: 59.080 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion:129 Resp: 96176
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.052 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

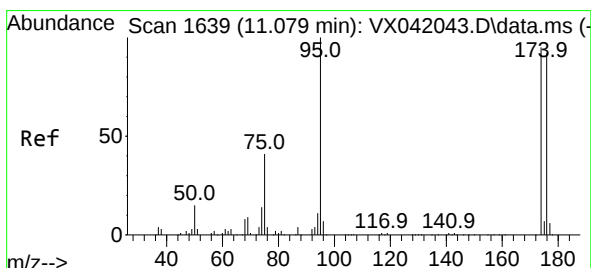
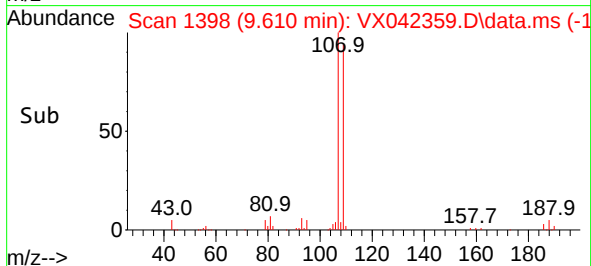
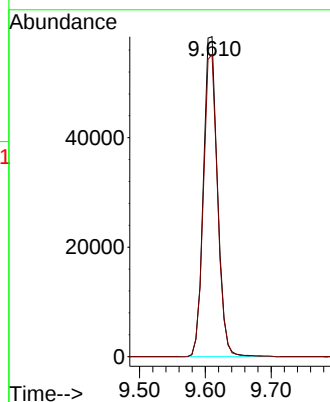
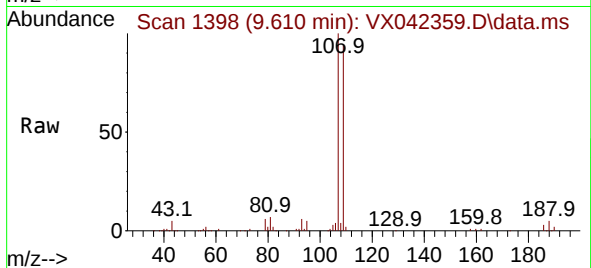
Tgt Ion:107 Resp: 87110
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

Manual Integrations

APPROVED

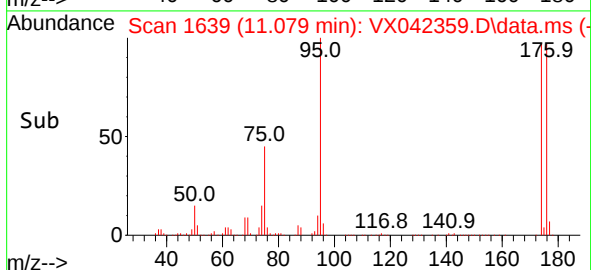
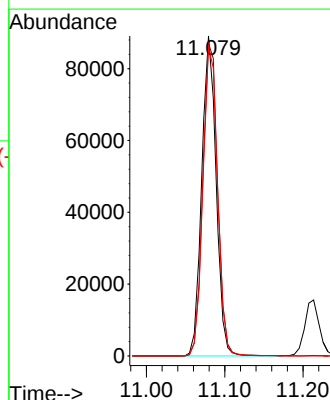
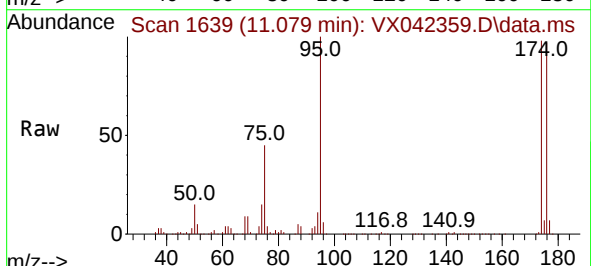
Reviewed By :John Carlone 07/18/2024

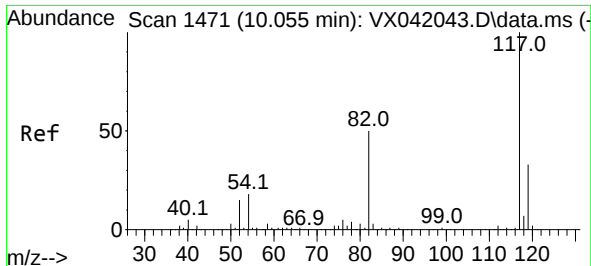
Supervised By :Mahesh Dadoda 07/18/2024



#62
4-Bromofluorobenzene
Concen: 55.669 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

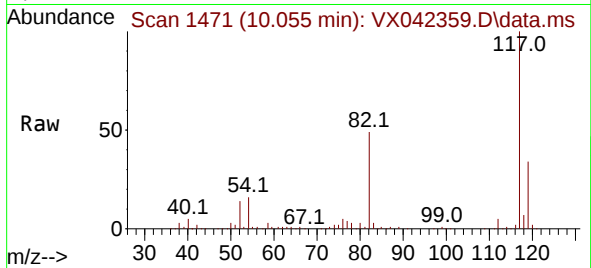
Tgt Ion: 95 Resp: 113718
Ion Ratio Lower Upper
95 100
174 100.9 0.0 135.6
176 98.2 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

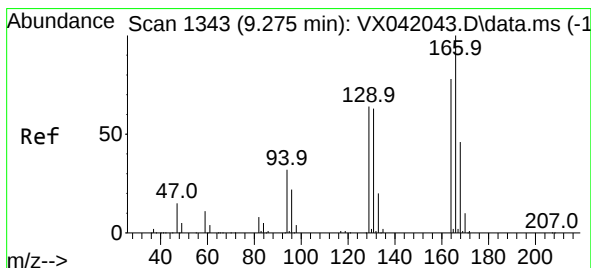
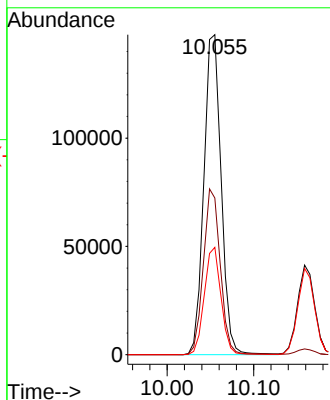
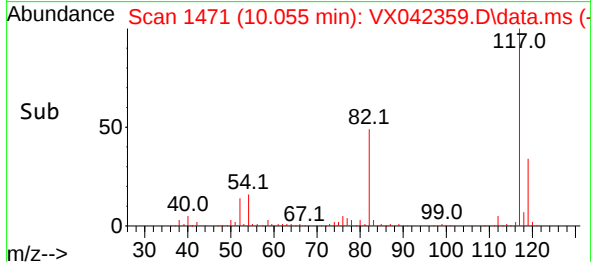
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 205408
Ion Ratio Lower Upper
117 100
82 49.0 46.2 69.4
119 33.5 25.5 38.3

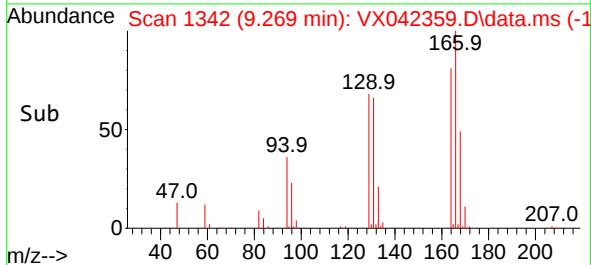
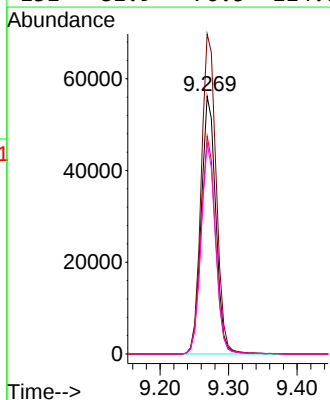
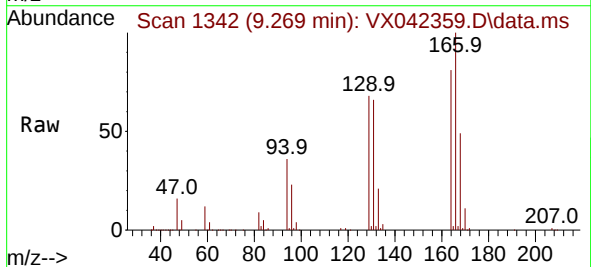
Manual Integrations
APPROVED

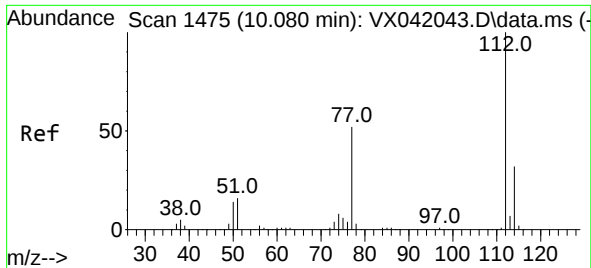
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#64
Tetrachloroethene
Concen: 55.554 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion:164 Resp: 83084
Ion Ratio Lower Upper
164 100
166 124.2 102.7 154.1
129 84.6 80.4 120.6
131 81.9 76.5 114.7





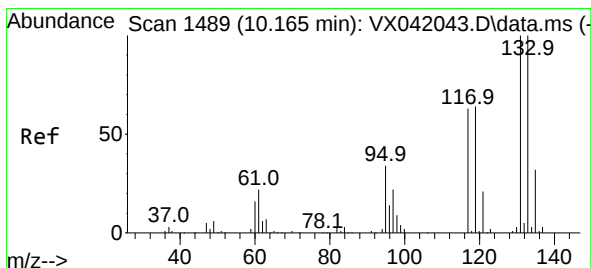
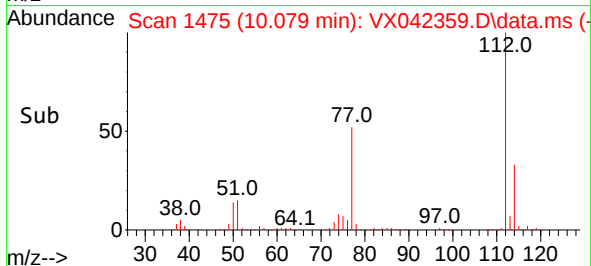
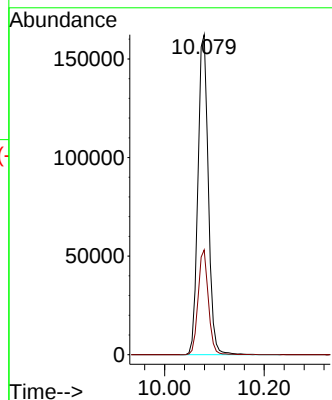
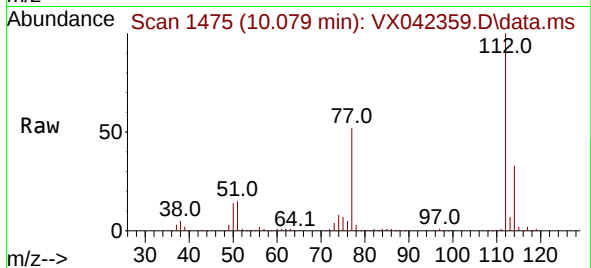
#65
Chlorobenzene
Concen: 54.718 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 233754
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

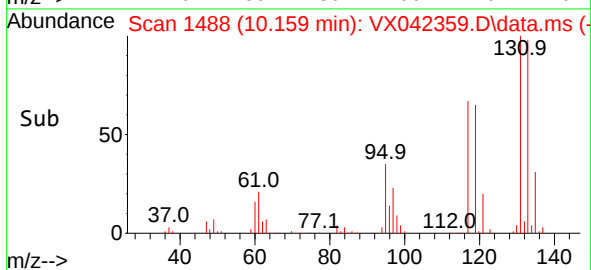
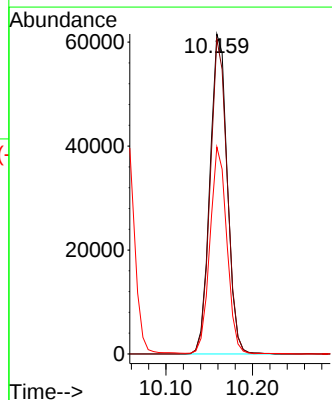
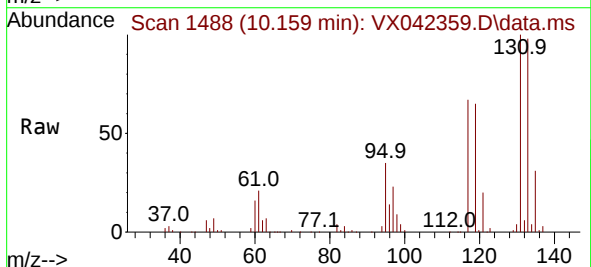
Manual Integrations
APPROVED

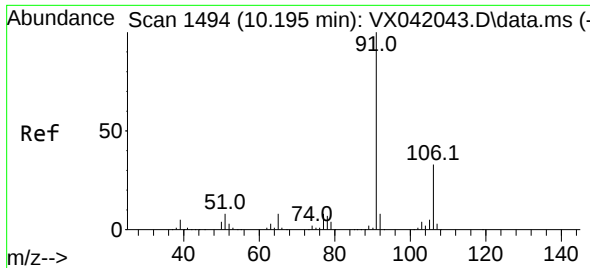
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 57.240 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion:131 Resp: 85612
Ion Ratio Lower Upper
131 100
133 96.8 47.1 141.4
119 62.6 32.2 96.6





#67

Ethyl Benzene

Concen: 56.087 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 37549

Ion Ratio Lower Upper

91 100

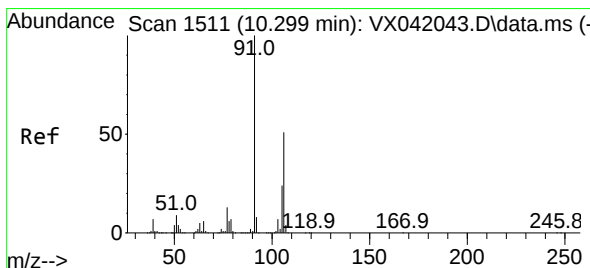
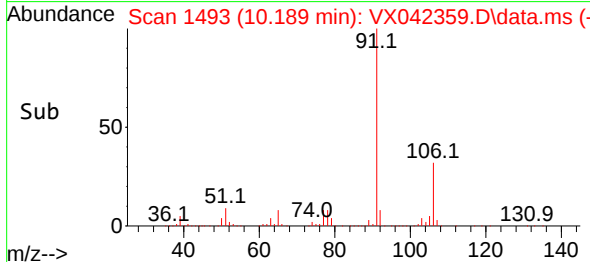
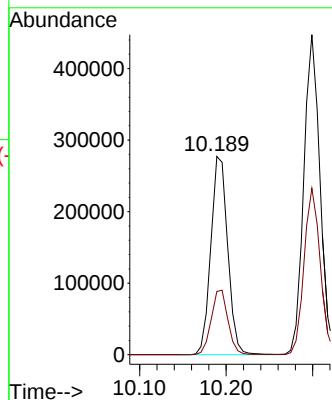
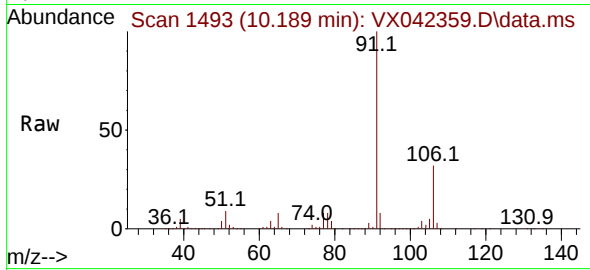
106 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#68

m/p-Xylenes

Concen: 112.163 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX042359.D

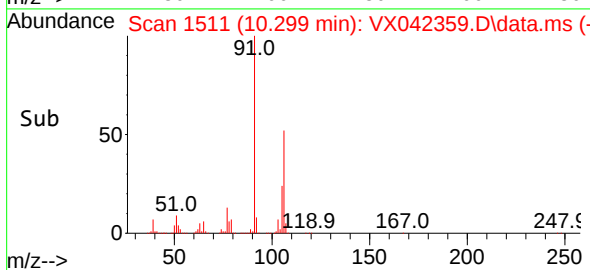
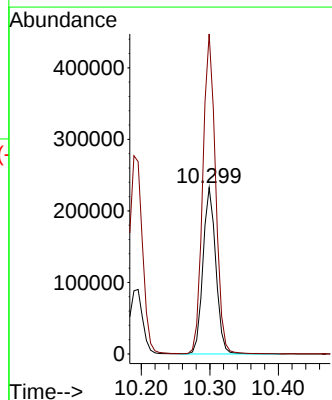
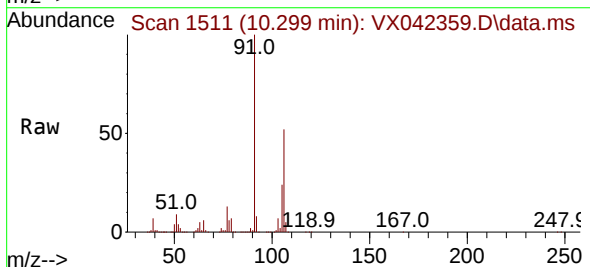
Acq: 17 Jul 2024 16:32

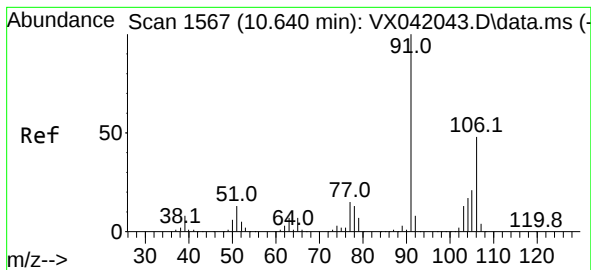
Tgt Ion:106 Resp: 303127

Ion Ratio Lower Upper

106 100

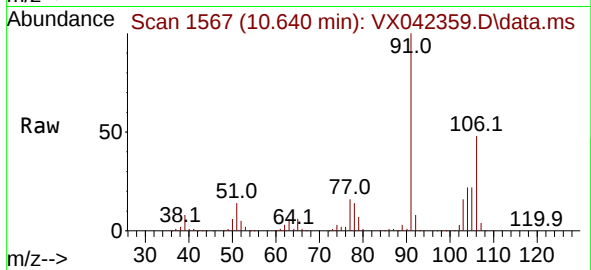
91 192.2 165.5 248.3





#69
o-Xylene
Concen: 56.182 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

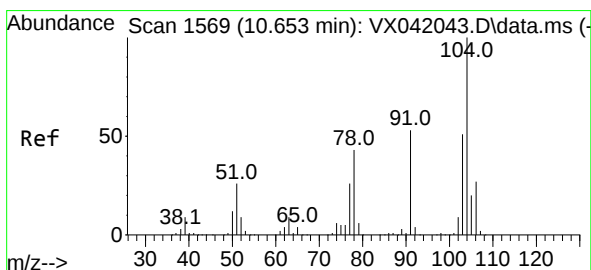
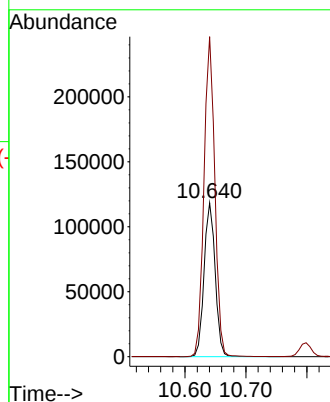
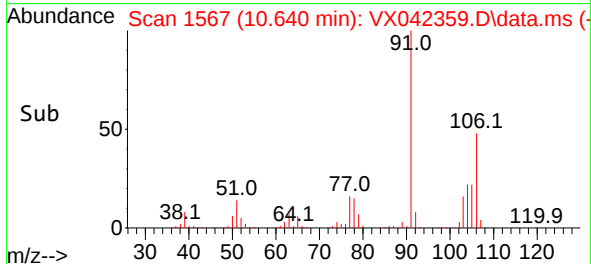
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 150323
Ion Ratio Lower Upper
106 100
91 203.1 108.9 326.8

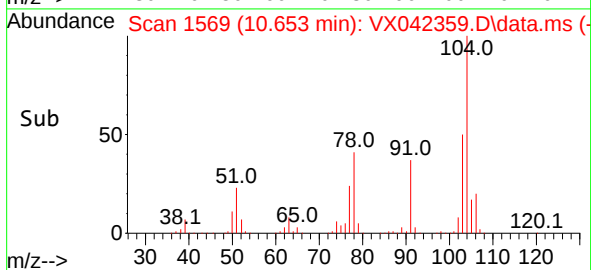
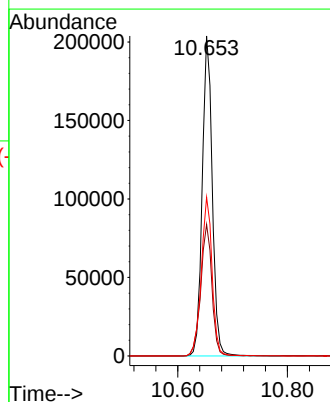
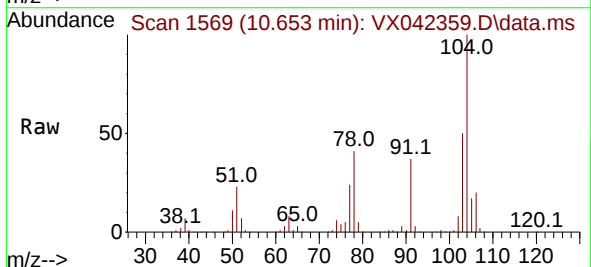
Manual Integrations
APPROVED

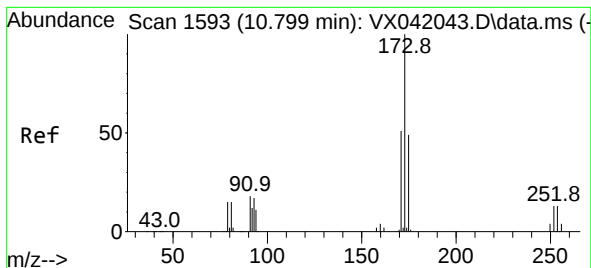
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#70
Styrene
Concen: 57.813 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

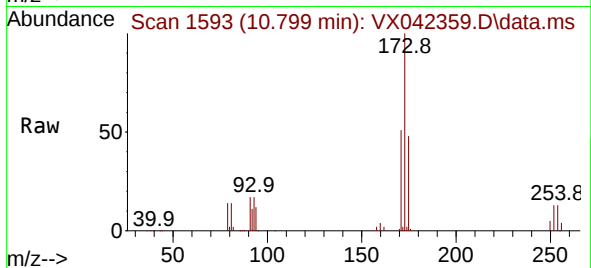
Tgt Ion:104 Resp: 259389
Ion Ratio Lower Upper
104 100
78 45.7 43.6 65.4
103 54.0 43.6 65.4





#71
Bromoform
Concen: 56.262 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

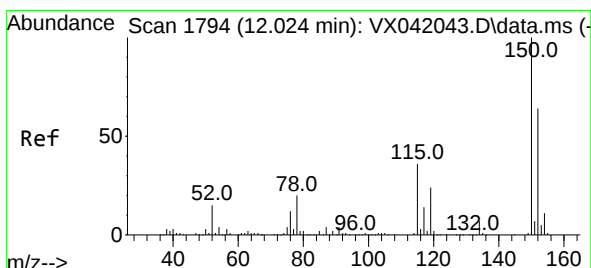
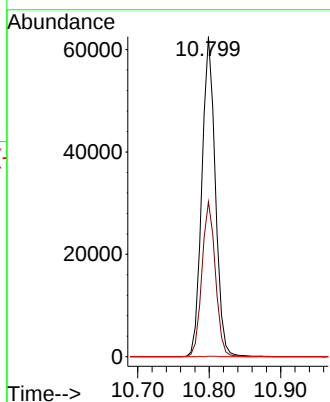
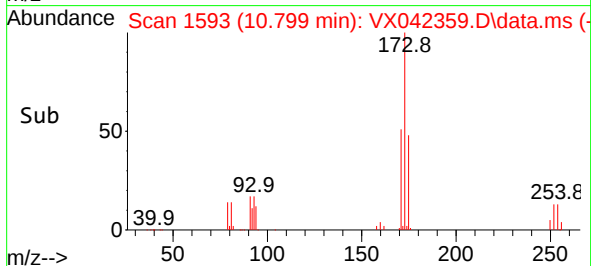
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



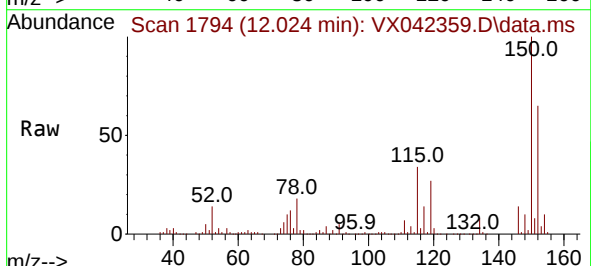
Tgt Ion:173 Resp: 81795
Ion Ratio Lower Upper
173 100
175 48.3 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

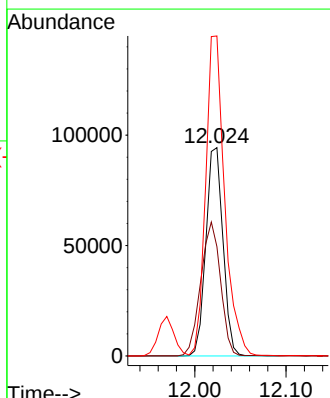
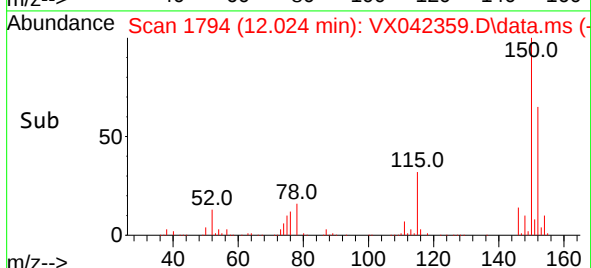
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

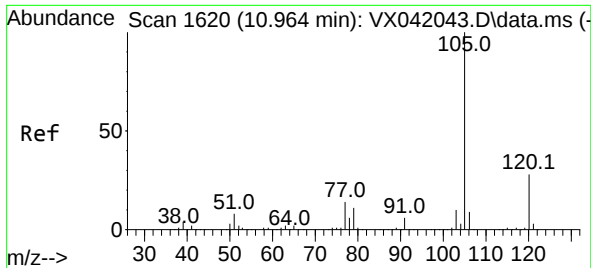


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32



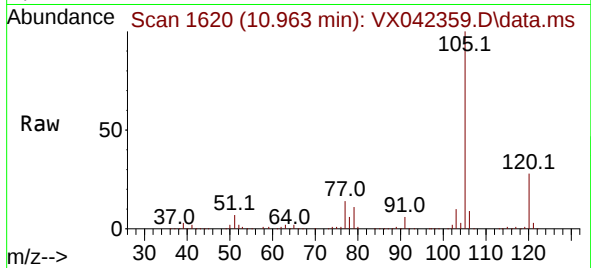
Tgt Ion:152 Resp: 122360
Ion Ratio Lower Upper
152 100
115 74.5 43.3 129.9
150 170.2 0.0 345.0





#73
Isopropylbenzene
Concen: 52.645 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

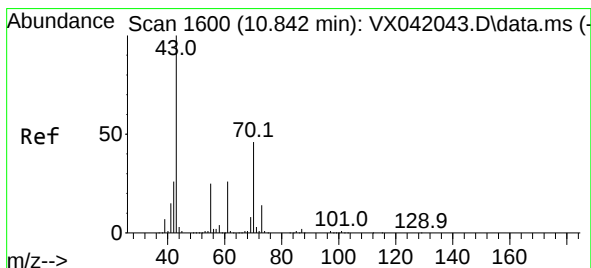
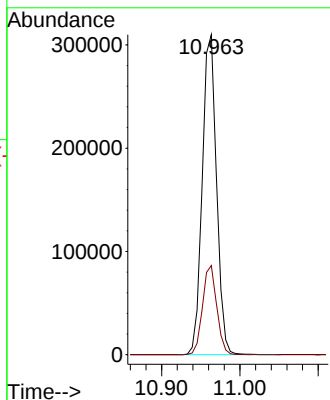
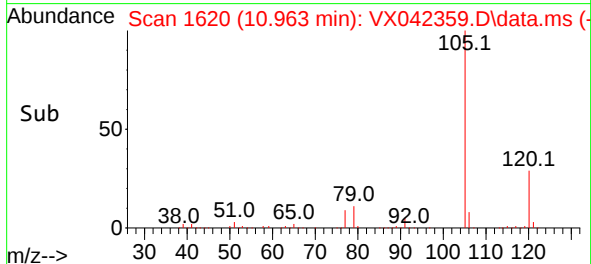
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



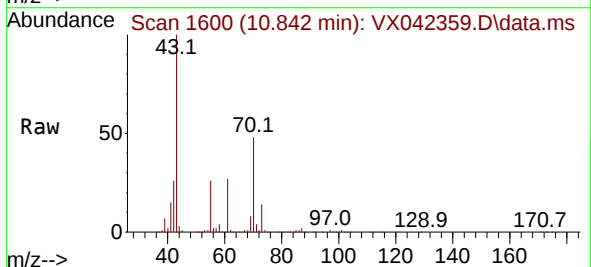
Tgt Ion:105 Resp: 391670
Ion Ratio Lower Upper
105 100
120 27.7 12.9 38.6

Manual Integrations
APPROVED

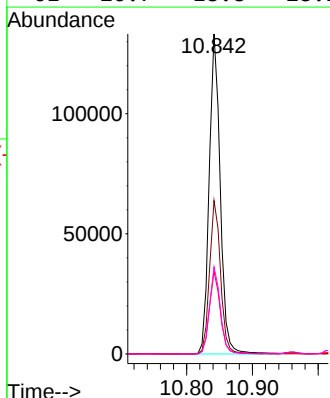
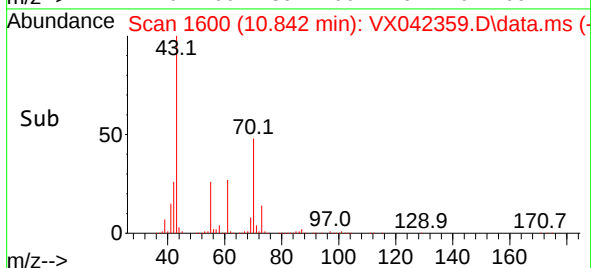
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

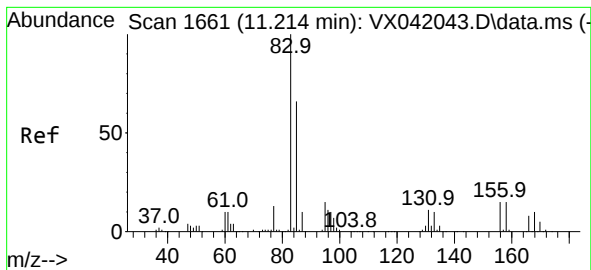


#74
N-ethyl acetate
Concen: 47.092 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32



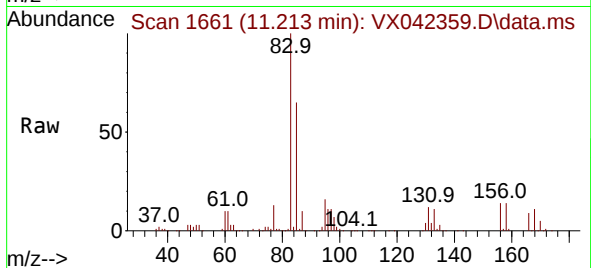
Tgt Ion: 43 Resp: 155631
Ion Ratio Lower Upper
43 100
70 48.0 32.9 49.3
55 25.8 19.3 28.9
61 26.7 18.8 28.2





#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.957 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX042359.D
 Acq: 17 Jul 2024 16:32

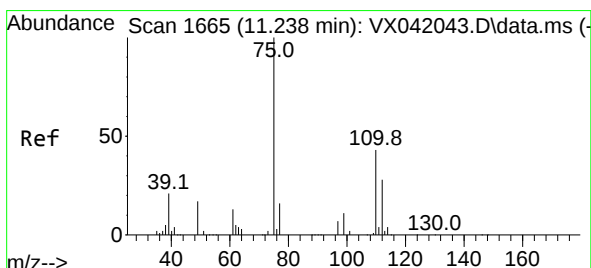
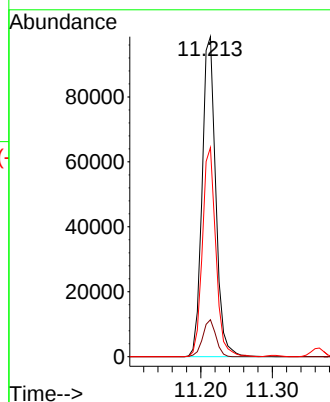
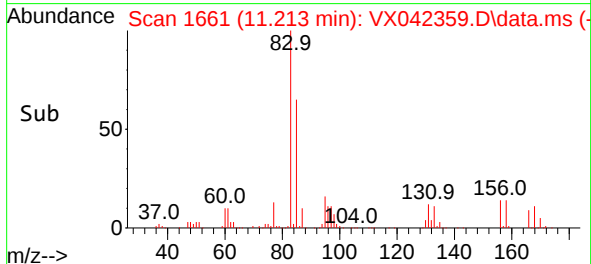
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



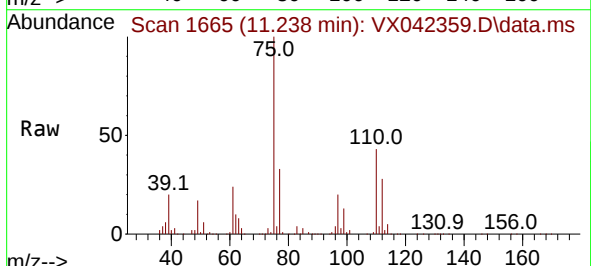
Tgt Ion: 83 Resp: 129900
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.3 15.8
 85 64.7 32.0 96.2

Manual Integrations
 APPROVED

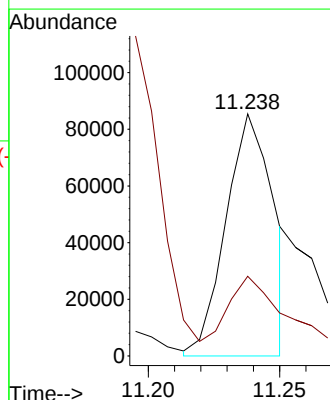
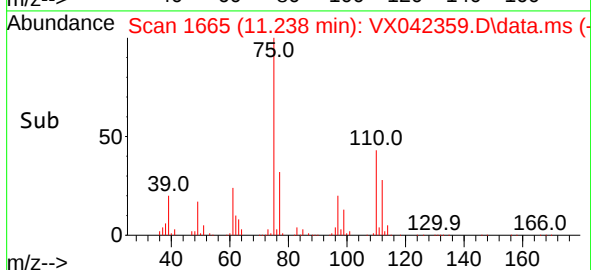
Reviewed By :John Carlone 07/18/2024
 Supervised By :Mahesh Dadoda 07/18/2024

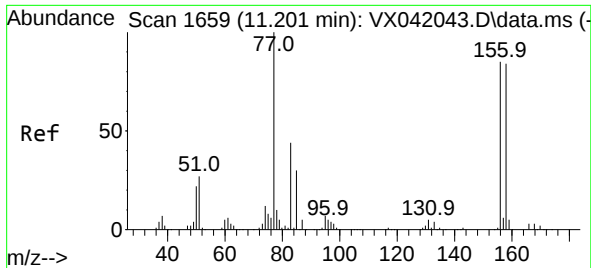


#76
 1,2,3-Trichloropropane
 Concen: 48.260 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. 0.000 min
 Lab File: VX042359.D
 Acq: 17 Jul 2024 16:32



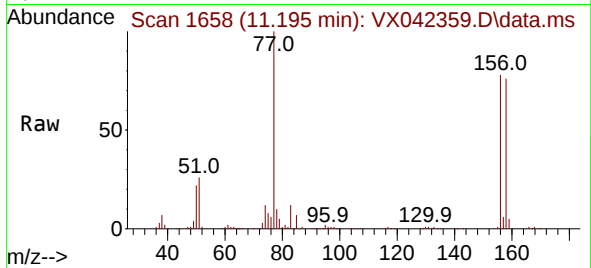
Tgt Ion: 75 Resp: 107200
 Ion Ratio Lower Upper
 75 100
 77 43.2 19.1 57.5





#77
Bromobenzene
Concen: 51.136 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

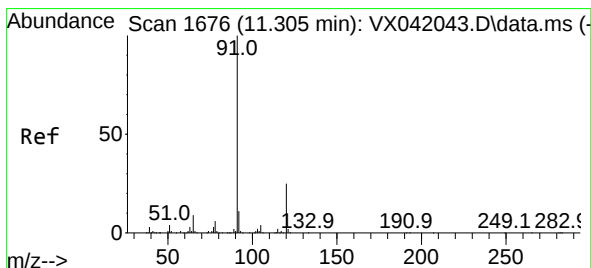
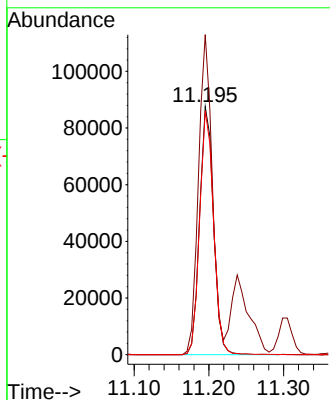
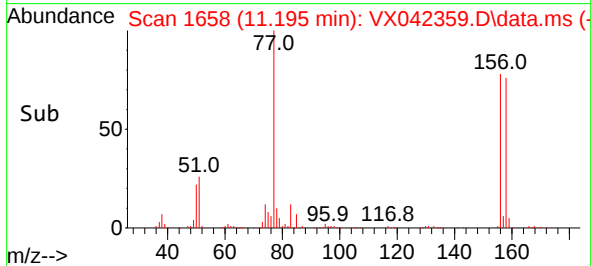
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



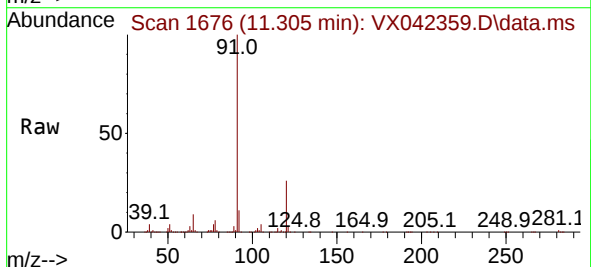
Tgt Ion:156 Resp: 11330
Ion Ratio Lower Upper
156 100
77 127.0 88.4 265.3
158 98.4 48.0 144.0

Manual Integrations
APPROVED

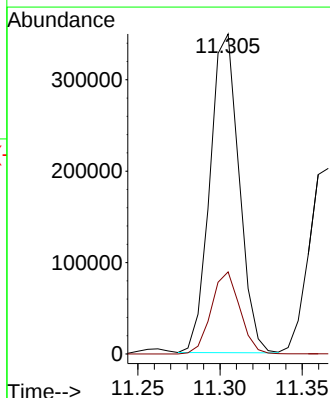
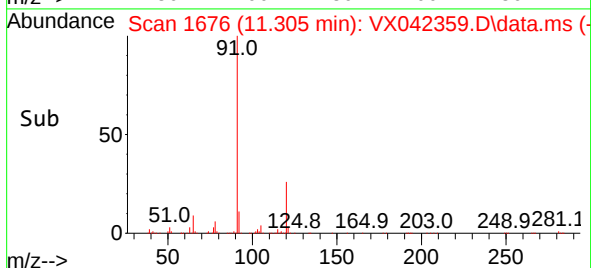
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024

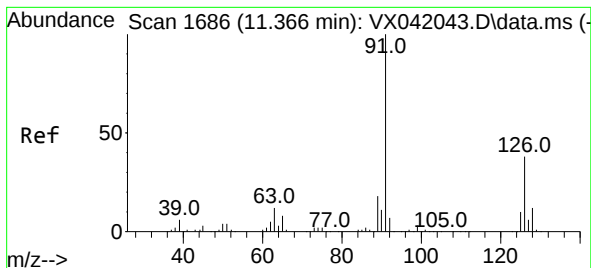


#78
n-propylbenzene
Concen: 53.373 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32



Tgt Ion: 91 Resp: 430859
Ion Ratio Lower Upper
91 100
120 25.2 11.5 34.4





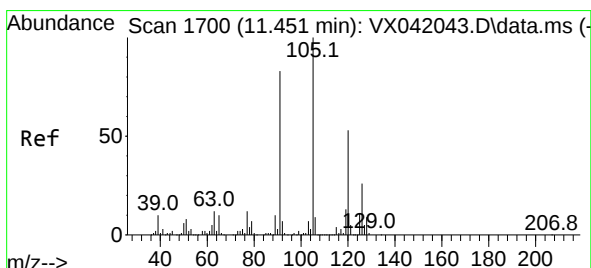
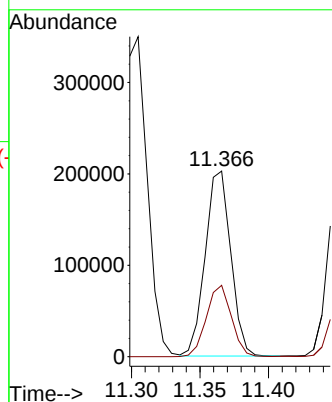
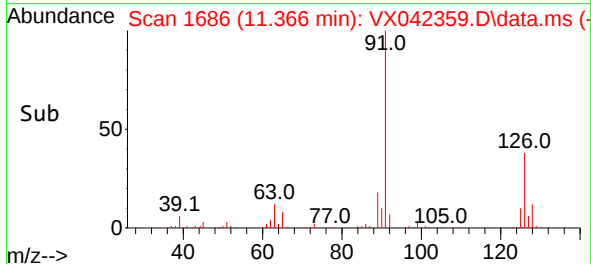
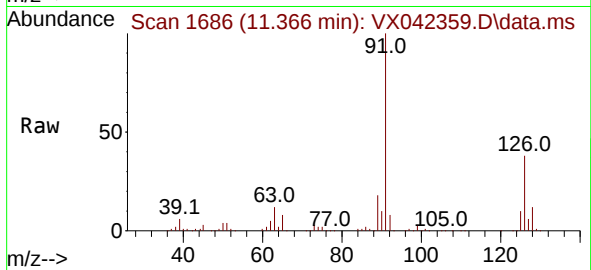
#79
2-Chlorotoluene
Concen: 50.535 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 262835
Ion Ratio Lower Upper
91 100
126 37.8 16.3 48.8

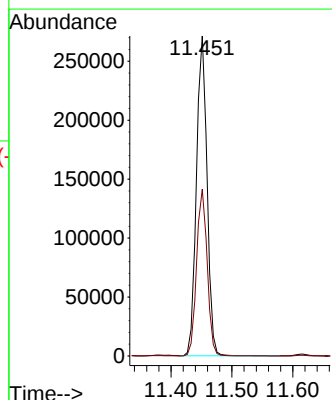
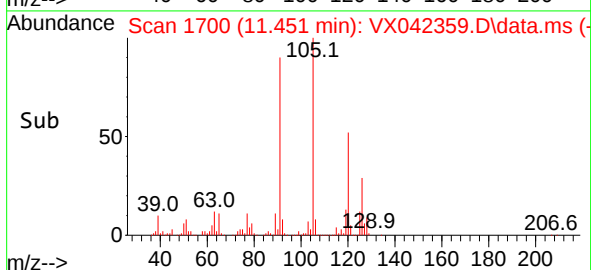
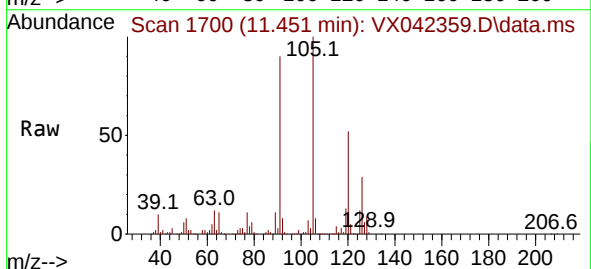
Manual Integrations
APPROVED

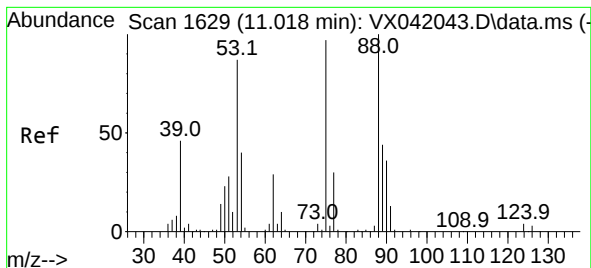
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.752 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

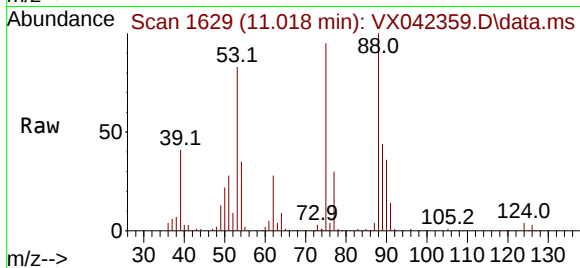
Tgt Ion:105 Resp: 326903
Ion Ratio Lower Upper
105 100
120 52.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 50.410 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

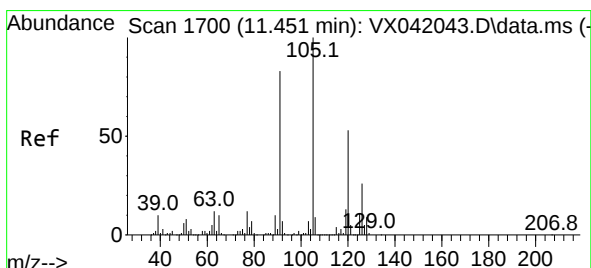
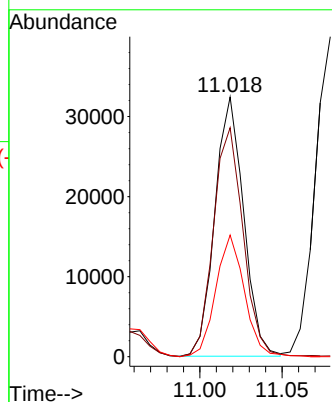
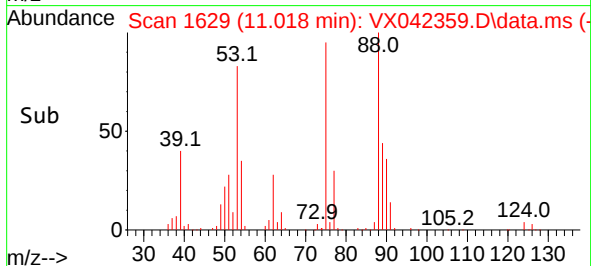
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 39430
Ion Ratio Lower Upper
75 100
53 91.9 90.5 135.7
89 46.7 36.9 55.3

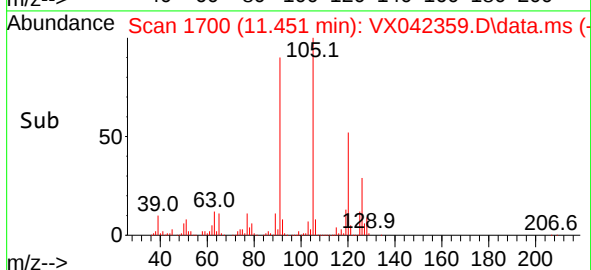
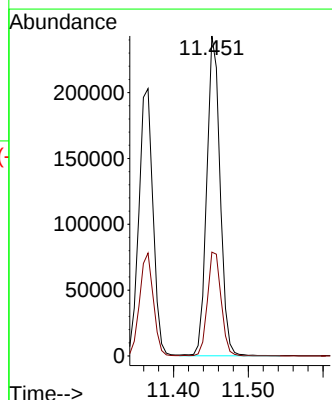
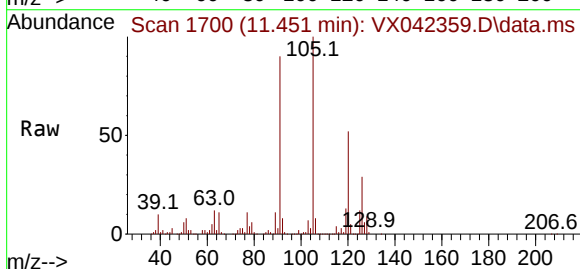
Manual Integrations
APPROVED

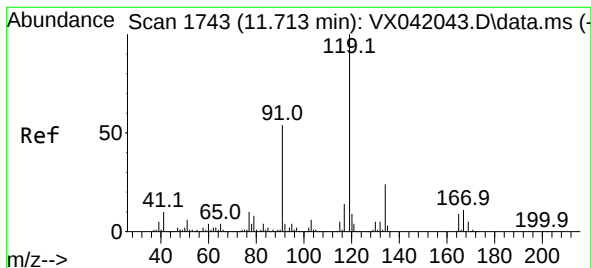
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#82
4-Chlorotoluene
Concen: 52.290 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion: 91 Resp: 300644
Ion Ratio Lower Upper
91 100
126 33.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 52.493 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:119 Resp: 356930

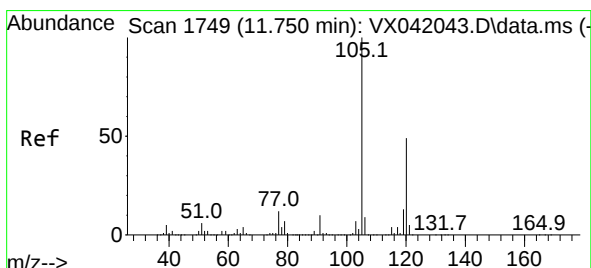
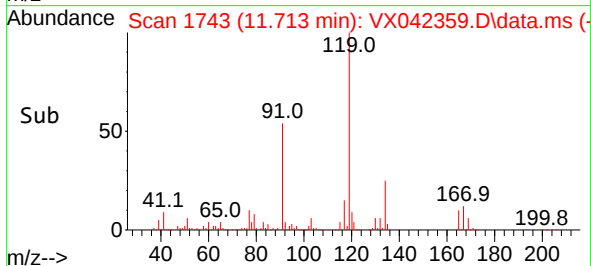
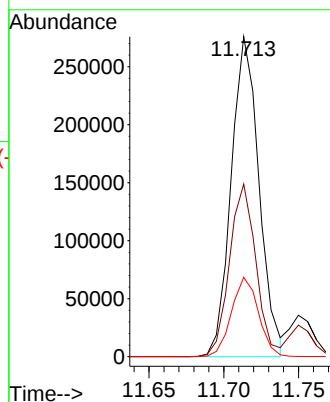
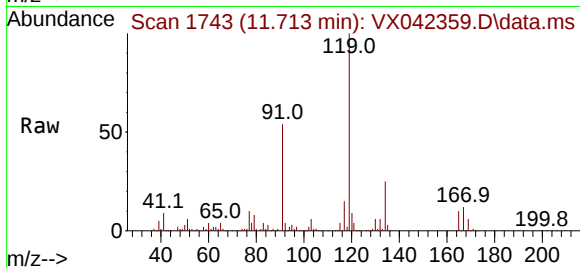
Ion	Ratio	Lower	Upper
119	100		
91	51.3	31.2	93.6
134	24.2	11.7	35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#84

1,2,4-Trimethylbenzene

Concen: 53.363 ug/l

RT: 11.750 min Scan# 1749

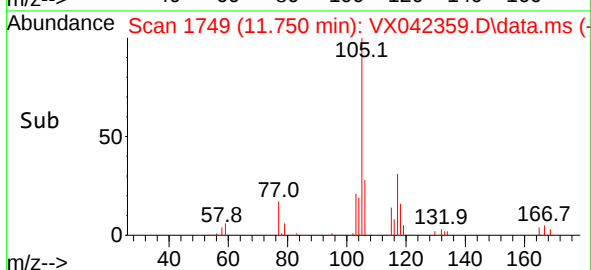
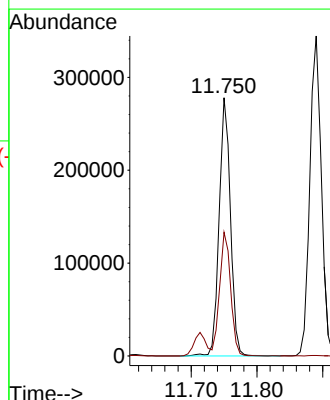
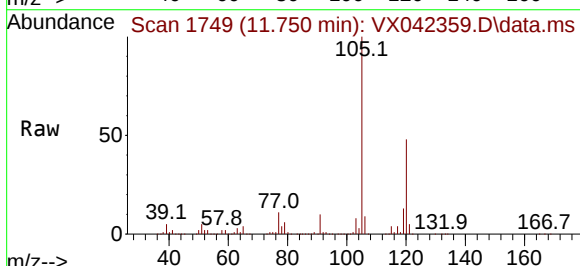
Delta R.T. 0.000 min

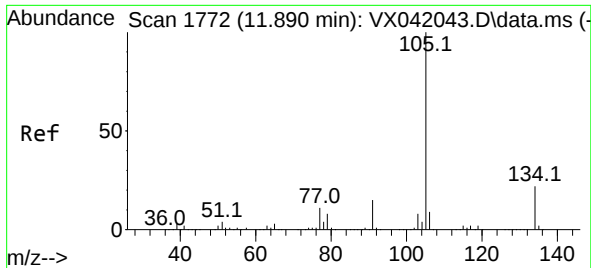
Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Tgt Ion:105 Resp: 331765

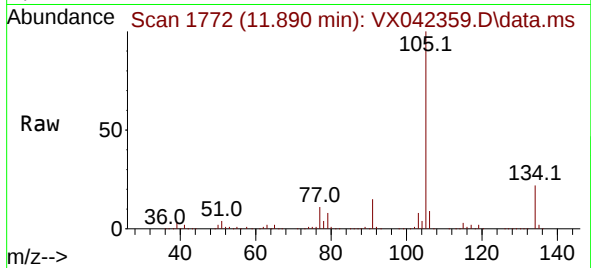
Ion	Ratio	Lower	Upper
105	100		
120	46.7	21.2	63.6





#85
sec-Butylbenzene
Concen: 54.594 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

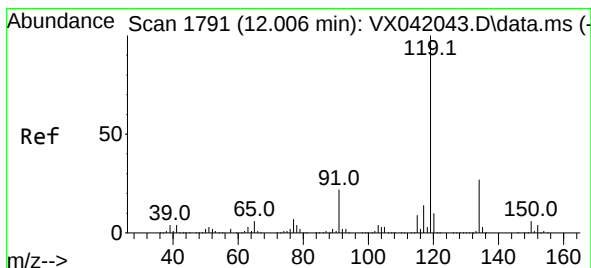
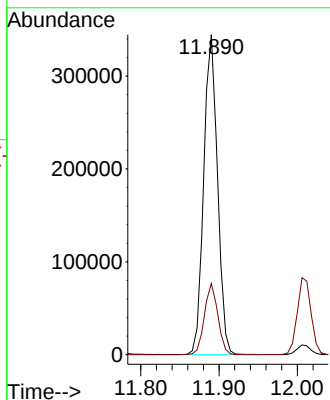
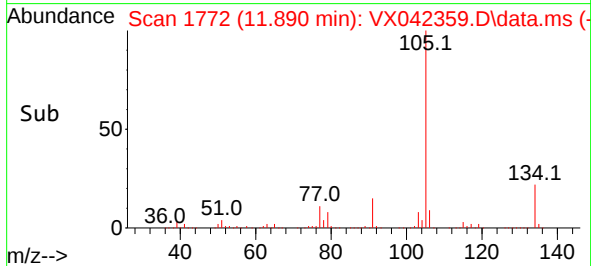
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 419884
Ion Ratio Lower Upper
105 100
134 21.7 9.8 29.4

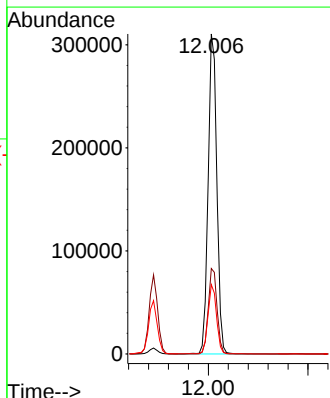
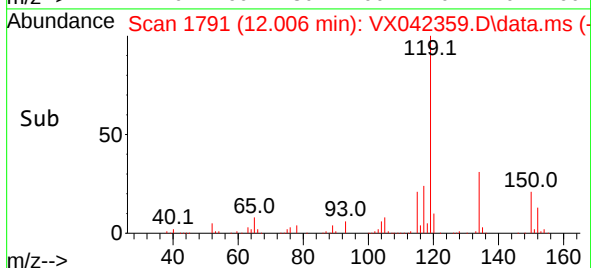
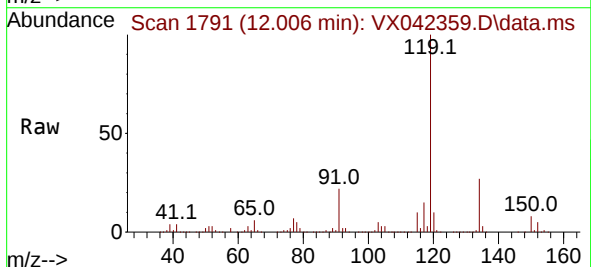
Manual Integrations
APPROVED

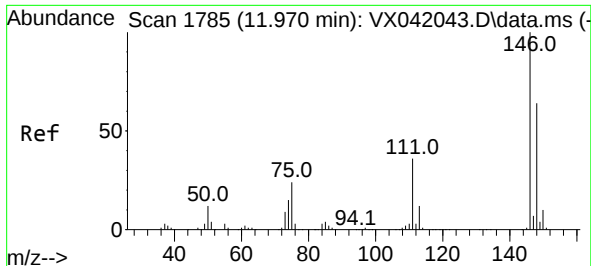
Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#86
p-Isopropyltoluene
Concen: 55.824 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion:119 Resp: 375046
Ion Ratio Lower Upper
119 100
134 27.0 12.8 38.3
91 21.2 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.595 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 208738

Ion Ratio Lower Upper

146 100

111 35.7 22.1 66.1

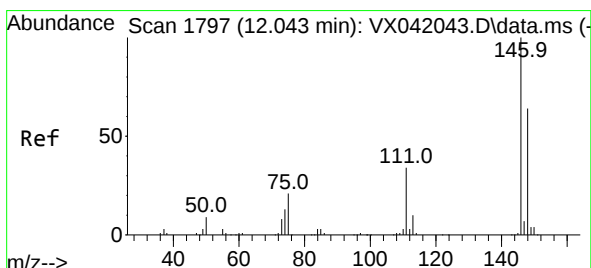
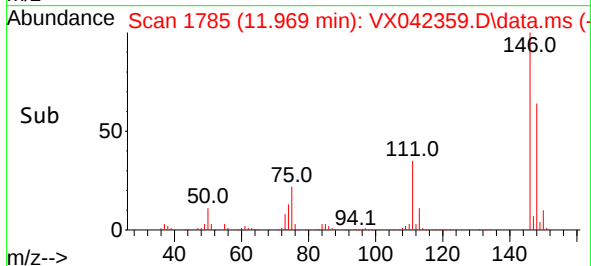
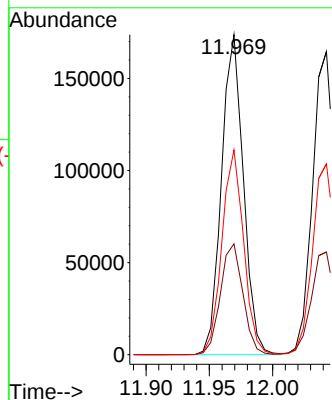
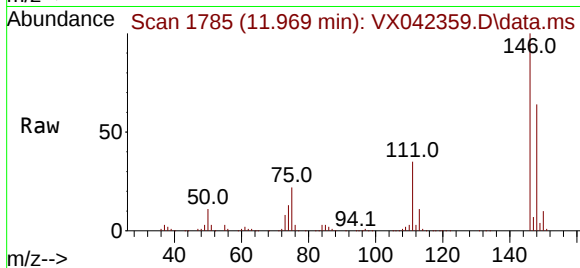
148 63.6 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#88

1,4-Dichlorobenzene

Concen: 51.730 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

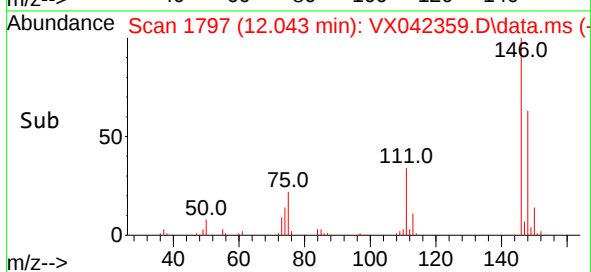
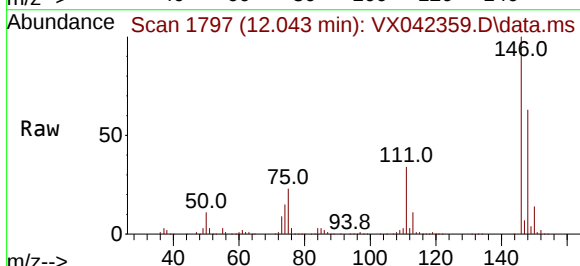
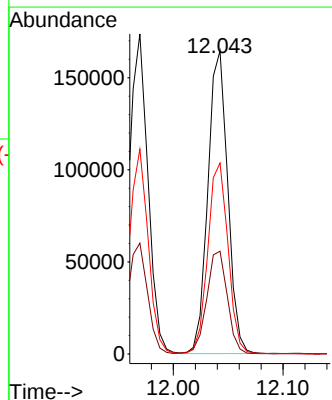
Tgt Ion:146 Resp: 206720

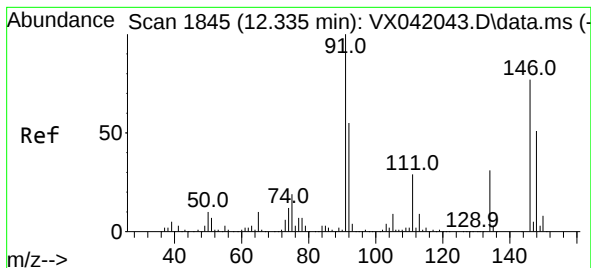
Ion Ratio Lower Upper

146 100

111 35.4 21.3 63.7

148 64.5 31.8 95.4





#89

n-Butylbenzene

Concen: 56.604 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.006 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 29273

Ion Ratio Lower Upper

91 100

92 55.7 27.4 82.0

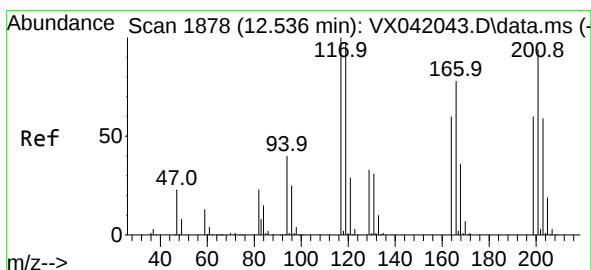
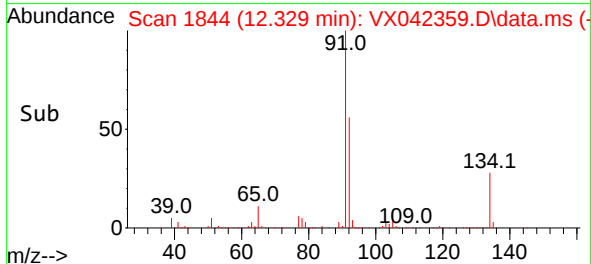
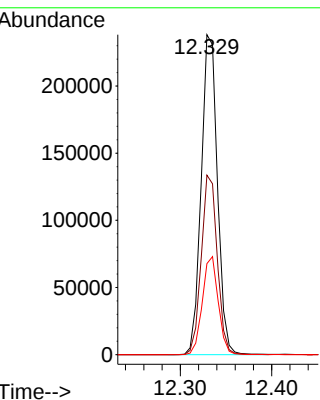
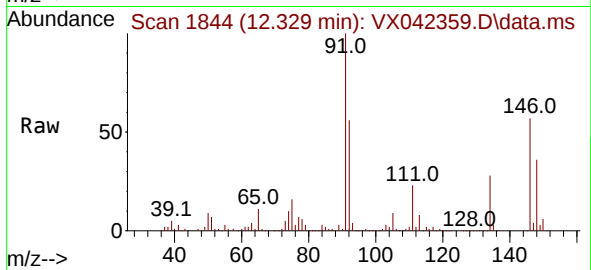
134 30.1 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#90

Hexachloroethane

Concen: 53.759 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX042359.D

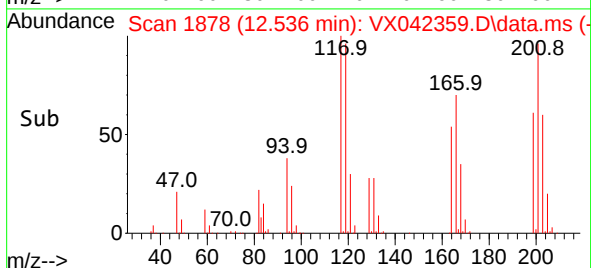
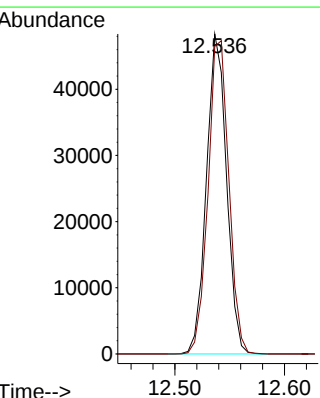
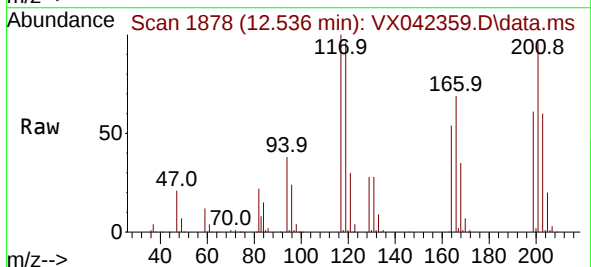
Acq: 17 Jul 2024 16:32

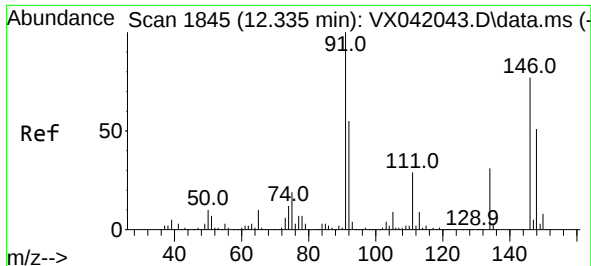
Tgt Ion:117 Resp: 61490

Ion Ratio Lower Upper

117 100

201 101.6 32.9 98.6#





#91

1,2-Dichlorobenzene

Concen: 51.836 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

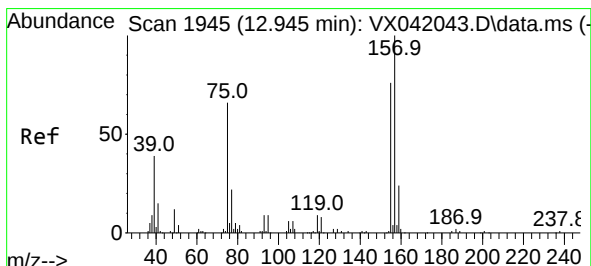
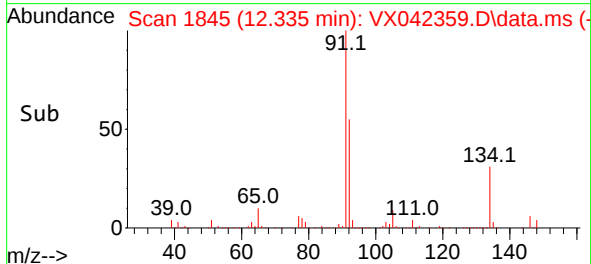
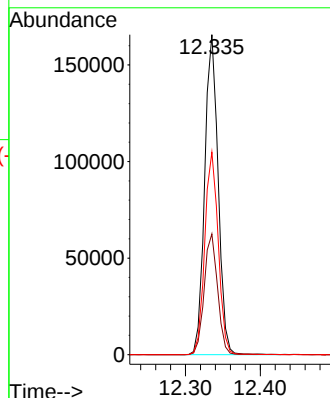
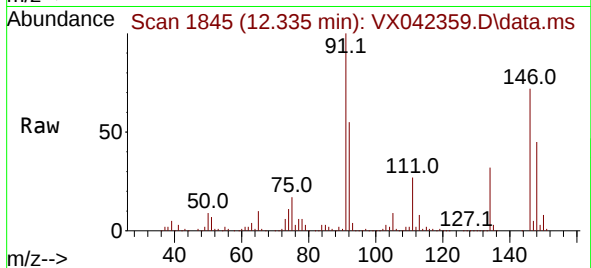
Tgt Ion:146 Resp: 206589
 Ion Ratio Lower Upper
 146 100
 111 37.7 22.4 67.0
 148 63.7 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.751 ug/l

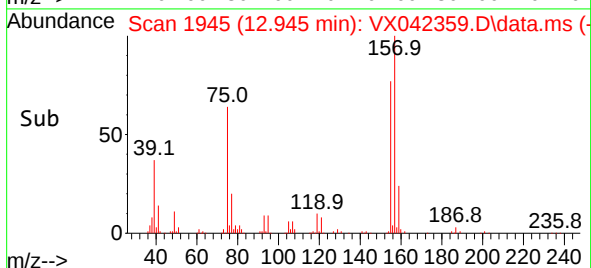
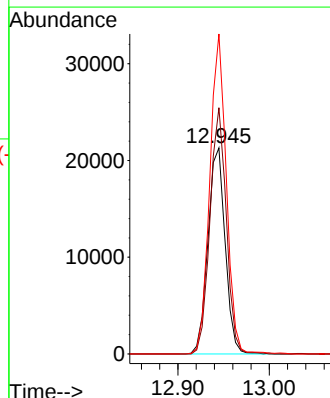
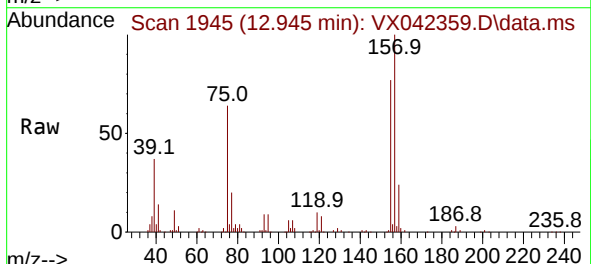
RT: 12.945 min Scan# 1945

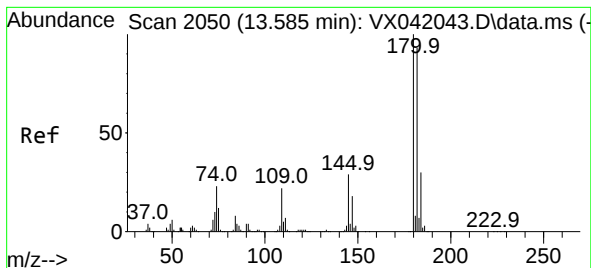
Delta R.T. 0.000 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Tgt Ion: 75 Resp: 27823
 Ion Ratio Lower Upper
 75 100
 155 113.5 36.1 108.5#
 157 148.7 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 56.646 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

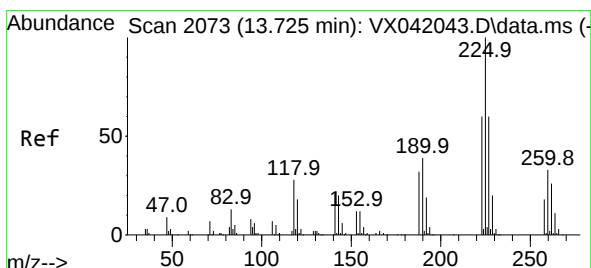
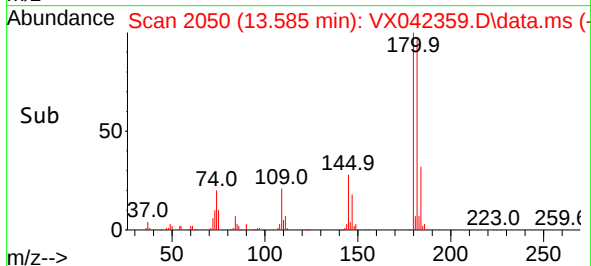
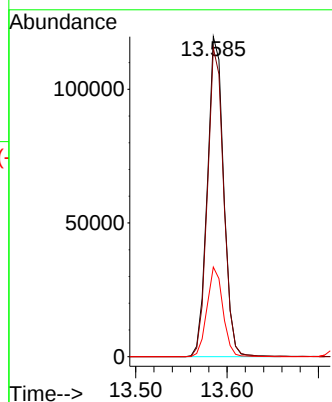
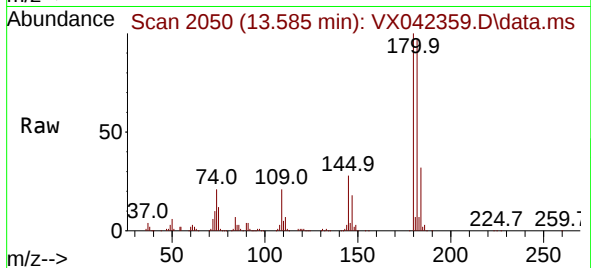
Tgt Ion:180	Resp: 147889
Ion Ratio	Lower Upper
180	100
182	95.9 48.3 144.8
145	27.3 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2024

Supervised By :Mahesh Dadoda 07/18/2024



#94

Hexachlorobutadiene

Concen: 55.578 ug/l

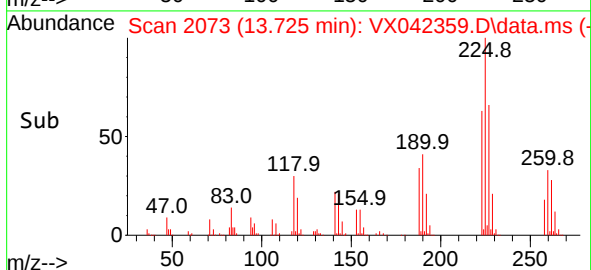
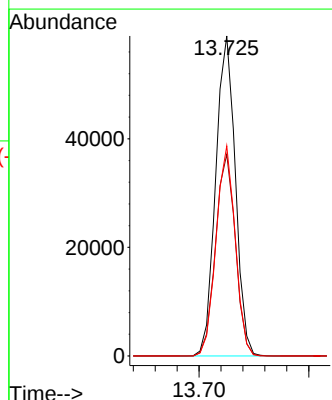
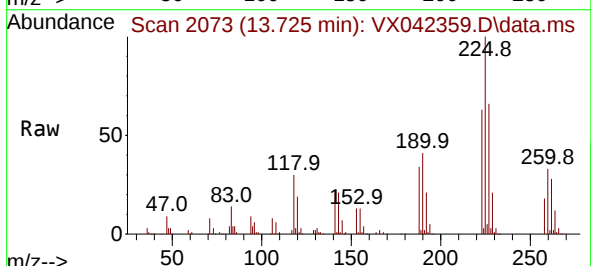
RT: 13.725 min Scan# 2073

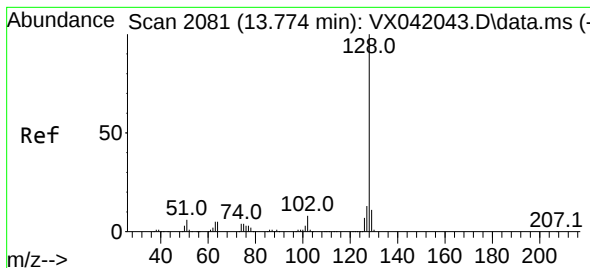
Delta R.T. 0.000 min

Lab File: VX042359.D

Acq: 17 Jul 2024 16:32

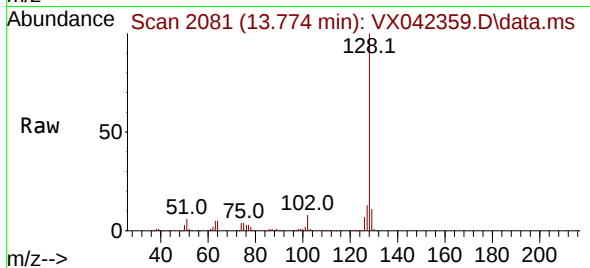
Tgt Ion:225	Resp: 73372
Ion Ratio	Lower Upper
225	100
223	63.4 31.1 93.2
227	64.0 32.5 97.5





#95
Naphthalene
Concen: 49.608 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

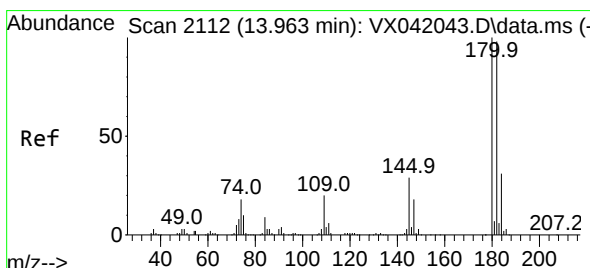
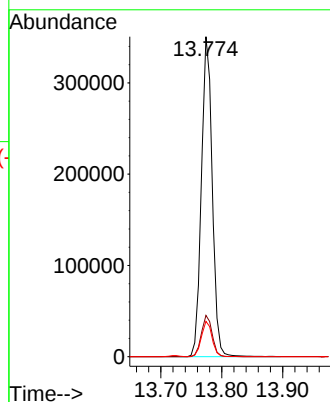
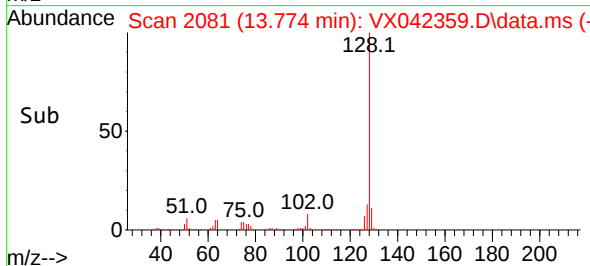
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 435140
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2024
Supervised By :Mahesh Dadoda 07/18/2024



#96
1,2,3-Trichlorobenzene
Concen: 54.929 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX042359.D
Acq: 17 Jul 2024 16:32

Tgt Ion:180 Resp: 151247
Ion Ratio Lower Upper
180 100
182 96.5 46.9 140.6
145 29.1 17.8 53.5

