

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071624\
 Data File : VX042333.D
 Acq On : 16 Jul 2024 09:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Jul 17 05:31:52 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	5.550	168	156247	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	217312	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	116103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83243	46.202	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.400%		
35) Dibromofluoromethane	5.385	113	80698	52.335	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.680%		
50) Toluene-d8	8.647	98	262618	48.481	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.960%		
62) 4-Bromofluorobenzene	11.079	95	107322	53.747	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.500%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	66558	55.915	ug/l	98
3) Chloromethane	1.307	50	66107	44.268	ug/l	100
4) Vinyl Chloride	1.374	62	68007	45.431	ug/l	97
5) Bromomethane	1.599	94	35184	47.599	ug/l	97
6) Chloroethane	1.666	64	36467	59.169	ug/l	98
7) Trichlorofluoromethane	1.867	101	109633	55.900	ug/l	94
8) Diethyl Ether	2.136	74	42238	45.880	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.313	101	66841	49.475	ug/l #	85
10) Methyl Iodide	2.441	142	71882	42.808	ug/l #	87
11) Tert butyl alcohol	3.001	59	84043	245.785	ug/l #	92
12) 1,1-Dichloroethene	2.306	96	63738	47.296	ug/l	86
13) Acrolein	2.239	56	60234	157.147	ug/l	99
14) Allyl chloride	2.654	41	99087	46.361	ug/l	88
15) Acrylonitrile	3.075	53	233484	261.419	ug/l	99
16) Acetone	2.392	43	198938	251.458	ug/l #	88
17) Carbon Disulfide	2.495	76	138454	50.387	ug/l	98
18) Methyl Acetate	2.709	43	109207	50.601	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	236816	53.191	ug/l	100
20) Methylene Chloride	2.782	84	80525	46.484	ug/l	88
21) trans-1,2-Dichloroethene	3.081	96	70609	51.625	ug/l	86
22) Diisopropyl ether	3.770	45	226847	50.213	ug/l #	80
23) Vinyl Acetate	3.727	43	1005530	260.625	ug/l #	93
24) 1,1-Dichloroethane	3.605	63	129954	51.367	ug/l	97
25) 2-Butanone	4.568	43	325609	264.547	ug/l	93
26) 2,2-Dichloropropane	4.471	77	104989	57.306	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	89022	51.968	ug/l	85
28) Bromochloromethane	4.897	49	45928	42.385	ug/l #	68
29) Tetrahydrofuran	5.013	42	206271	259.492	ug/l	92
30) Chloroform	5.093	83	137590	52.202	ug/l	99
31) Cyclohexane	5.458	56	106315	50.456	ug/l	86
32) 1,1,1-Trichloroethane	5.379	97	119513	54.265	ug/l	95
36) 1,1-Dichloropropene	5.690	75	87852	53.654	ug/l	93
37) Ethyl Acetate	4.721	43	119847	56.188	ug/l	98
38) Carbon Tetrachloride	5.672	117	105749	58.453	ug/l	96
39) Methylcyclohexane	7.379	83	116154	56.092	ug/l	90
40) Benzene	6.037	78	295203	53.456	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	63456	54.882	ug/l	91
42) 1,2-Dichloroethane	6.086	62	95253	53.549	ug/l	90
43) Isopropyl Acetate	6.348	43	173849	53.100	ug/l #	92
44) Trichloroethene	7.123	130	83355	56.311	ug/l	90
45) 1,2-Dichloropropane	7.427	63	73198	53.907	ug/l	99
46) Dibromomethane	7.580	93	55191	55.784	ug/l #	75
47) Bromodichloromethane	7.824	83	103048	56.730	ug/l	97
48) Methyl methacrylate	7.696	41	86662	55.464	ug/l #	84
49) 1,4-Dioxane	7.665	88	41382	1000.912	ug/l #	89
51) 4-Methyl-2-Pentanone	8.574	43	615523	272.929	ug/l	94
52) Toluene	8.720	92	196726	55.943	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	105523	54.704	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	117038	58.852	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	82583	56.373	ug/l	98
56) Ethyl methacrylate	9.116	69	129349	56.756	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	130202	55.012	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	291622	274.584	ug/l	92
59) 2-Hexanone	9.433	43	481197	278.580	ug/l	91
60) Dibromochloromethane	9.519	129	95027	59.717	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86674	57.051	ug/l	99
64) Tetrachloroethene	9.275	164	83526	57.676	ug/l	90
65) Chlorobenzene	10.079	112	230909	55.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	83655	57.761	ug/l	98
67) Ethyl Benzene	10.195	91	369095	56.934	ug/l	97
68) m/p-Xylenes	10.299	106	301465	115.197	ug/l	90
69) o-Xylene	10.640	106	148846	57.450	ug/l	92
70) Styrene	10.653	104	256780	59.103	ug/l	94
71) Bromoform	10.799	173	79905	56.730	ug/l #	99
73) Isopropylbenzene	10.963	105	386315	54.723	ug/l	97
74) N-amyl acetate	10.842	43	156373	49.867	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	131255	50.003	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	104374m	49.520	ug/l	
77) Bromobenzene	11.201	156	112523	53.518	ug/l	76
78) n-propylbenzene	11.305	91	422979	55.221	ug/l	95
79) 2-Chlorotoluene	11.366	91	262990	53.290	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	326430	55.515	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	39822	53.655	ug/l	86
82) 4-Chlorotoluene	11.457	91	297930	54.611	ug/l	91
83) tert-Butylbenzene	11.713	119	354940	55.013	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	331000	56.109	ug/l	92
85) sec-Butylbenzene	11.890	105	414630	56.816	ug/l	95
86) p-Isopropyltoluene	12.012	119	370391	58.102	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	203172	54.977	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	203210	53.592	ug/l	95
89) n-Butylbenzene	12.335	91	287185	58.523	ug/l	96
90) Hexachloroethane	12.536	117	61047	56.248	ug/l #	56
91) 1,2-Dichlorobenzene	12.335	146	203471	53.806	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28595	54.971	ug/l #	46
93) 1,2,4-Trichlorobenzene	13.591	180	143737	58.023	ug/l	96
94) Hexachlorobutadiene	13.725	225	74857	59.758	ug/l	99
95) Naphthalene	13.774	128	434528	52.168	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	148119	56.692	ug/l	95

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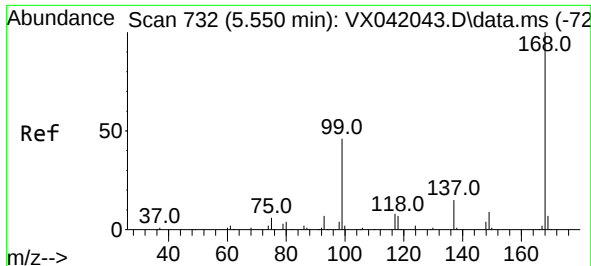
Manual Integrations
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Response via : Initial Calibration

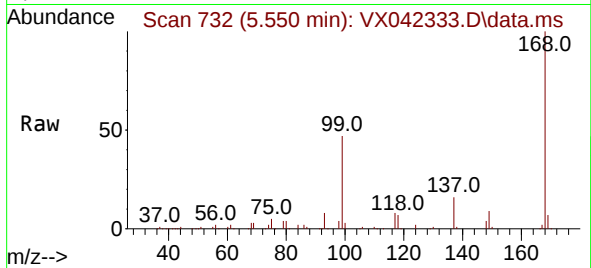
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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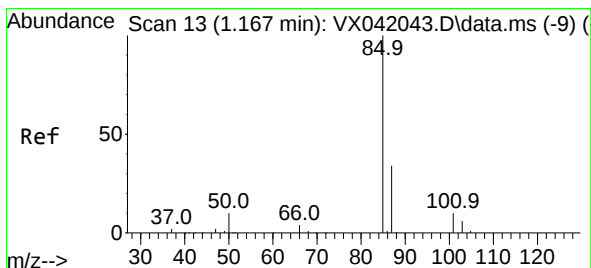
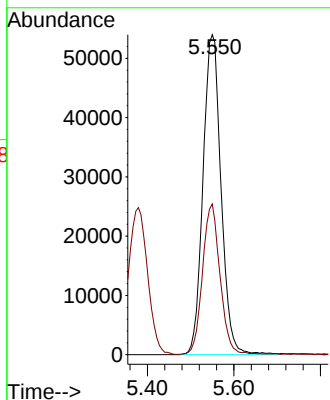
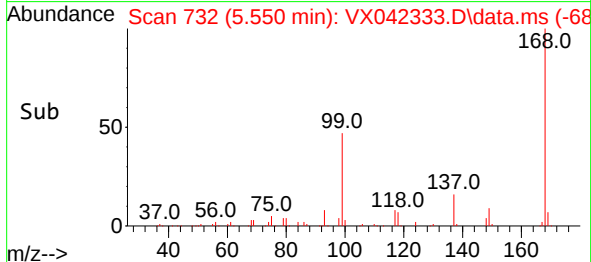
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 15624
Ion Ratio Lower Upper
168 100
99 47.0 56.6 85.0

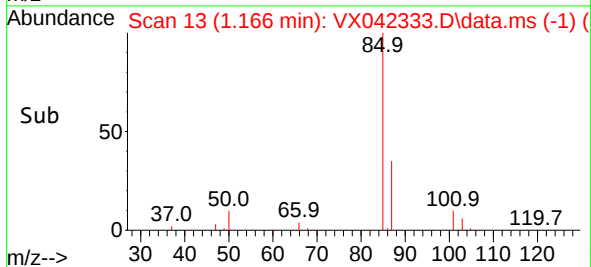
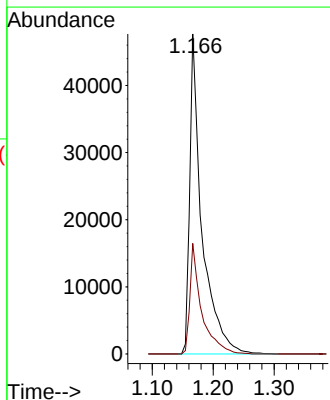
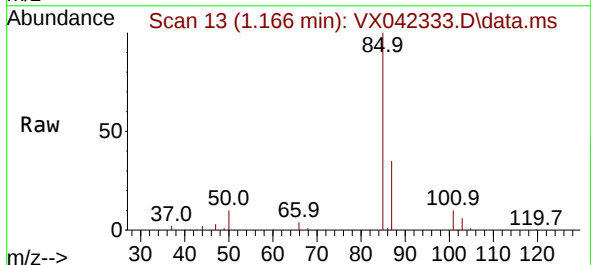
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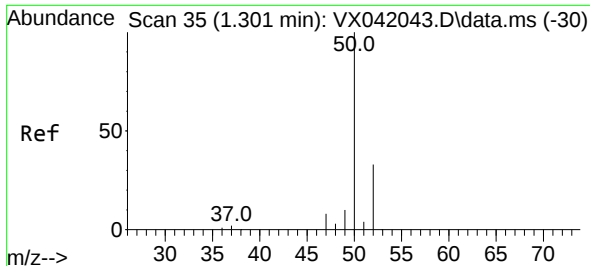
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#2
Dichlorodifluoromethane
Concen: 55.915 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion: 85 Resp: 66558
Ion Ratio Lower Upper
85 100
87 34.5 16.7 50.1





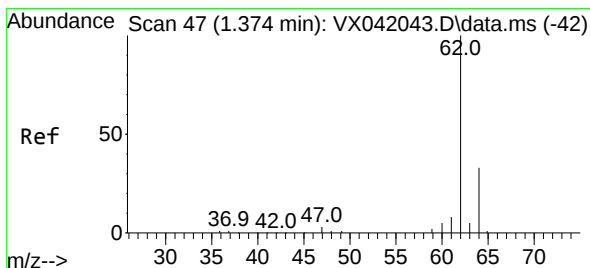
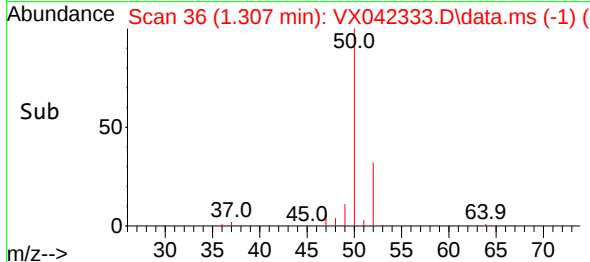
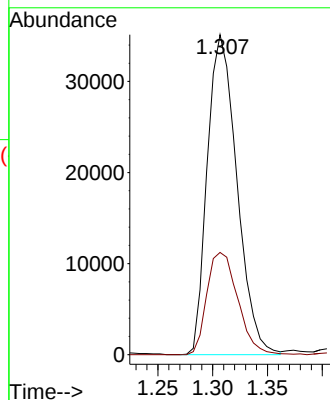
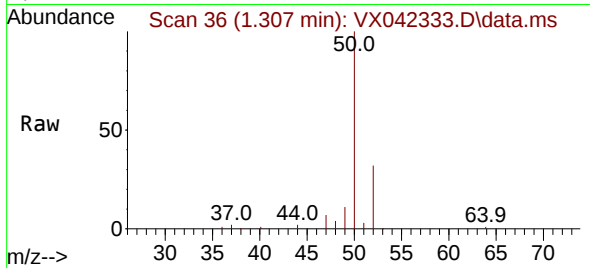
#3
Chloromethane
Concen: 44.268 ug/l
RT: 1.307 min Scan# 30
Delta R.T. 0.000 min
Lab File: VX042333.D
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Instrument :
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Tgt Ion: 50 Resp: 6610
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3

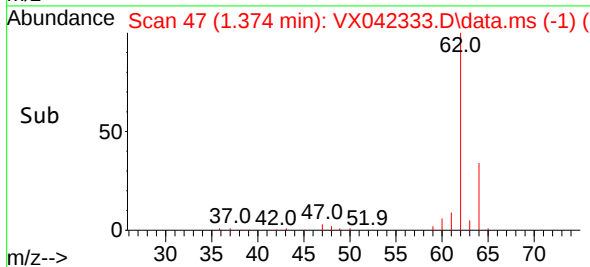
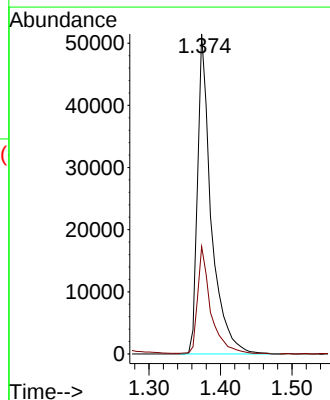
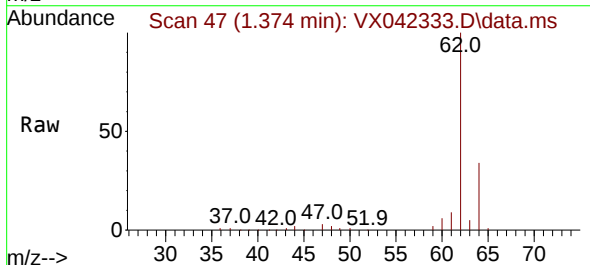
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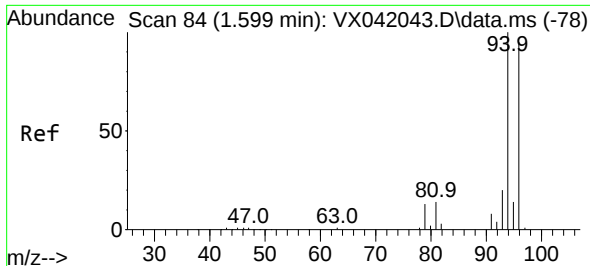
Reviewed By :John Carlone 07/17/2024
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#4
Vinyl Chloride
Concen: 45.431 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

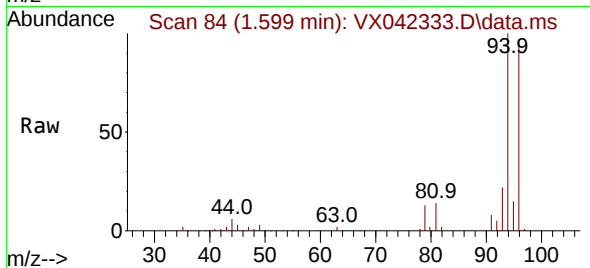
Tgt Ion: 62 Resp: 68007
Ion Ratio Lower Upper
62 100
64 33.6 25.4 38.0





#5
Bromomethane
Concen: 47.599 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

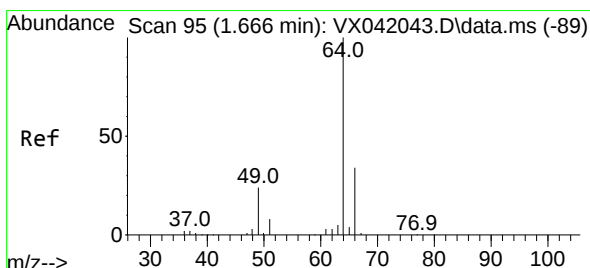
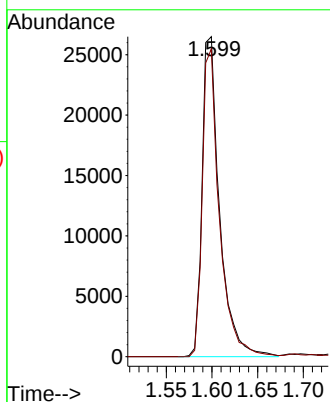
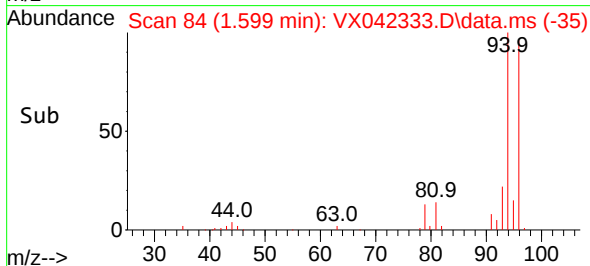
Instrument :
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Tgt Ion: 94 Resp: 35184
Ion Ratio Lower Upper
94 100
96 96.2 74.6 111.8

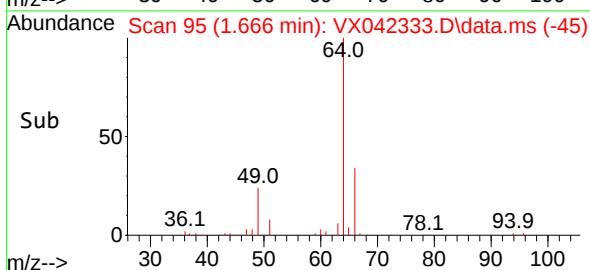
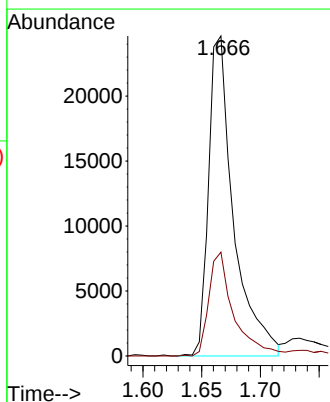
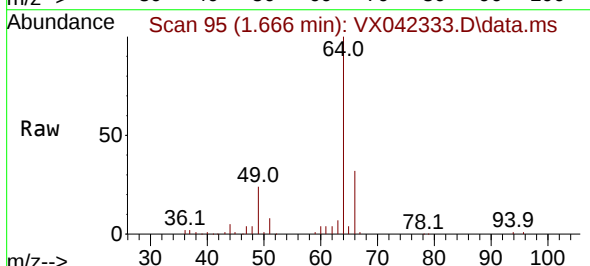
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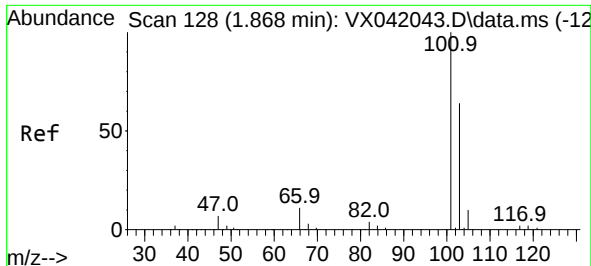
Reviewed By :John Carlone 07/17/2024
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#6
Chloroethane
Concen: 59.169 ug/l
RT: 1.666 min Scan# 95
Delta R.T. 0.006 min
Lab File: VX042333.D
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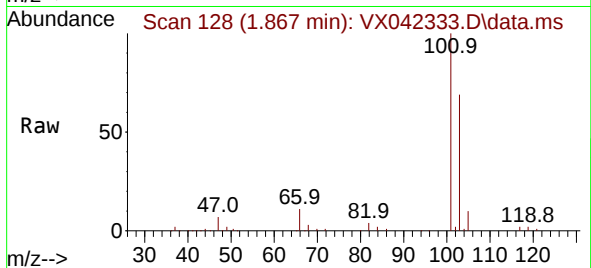
Tgt Ion: 64 Resp: 36467
Ion Ratio Lower Upper
64 100
66 32.4 25.1 37.7





#7
Trichlorofluoromethane
Concen: 55.900 ug/l
RT: 1.867 min Scan# 128
Delta R.T. 0.000 min
Lab File: VX042333.D
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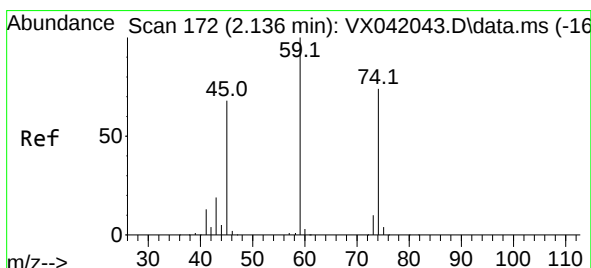
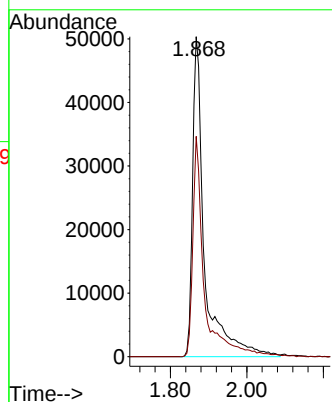
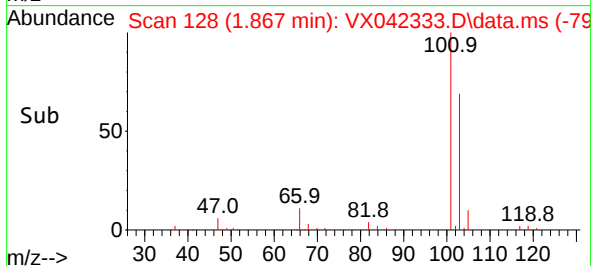
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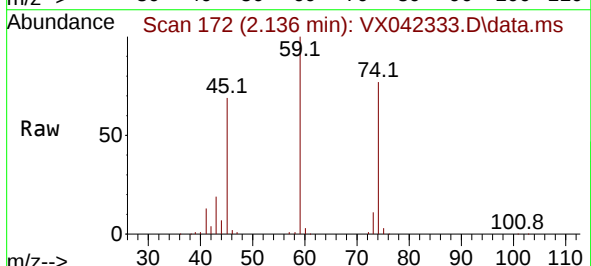
Tgt Ion:101 Resp: 10963
Ion Ratio Lower Upper
101 100
103 68.9 51.4 77.2

Manual Integrations
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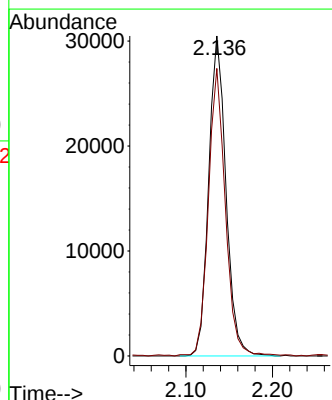
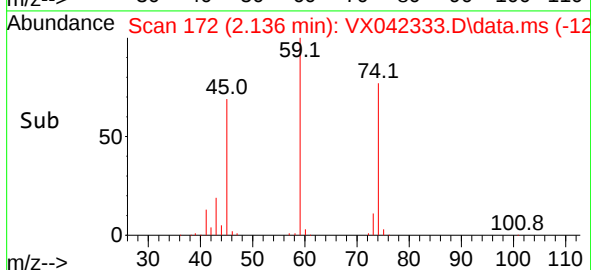
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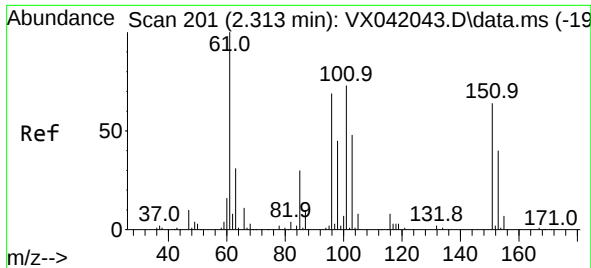


#8
Diethyl Ether
Concen: 45.880 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 42238
Ion Ratio Lower Upper
74 100
45 88.7 53.3 159.8





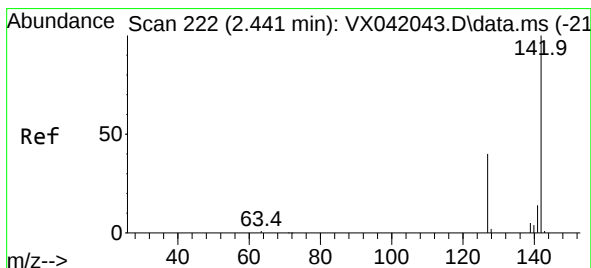
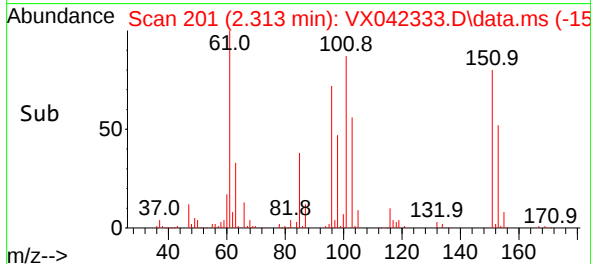
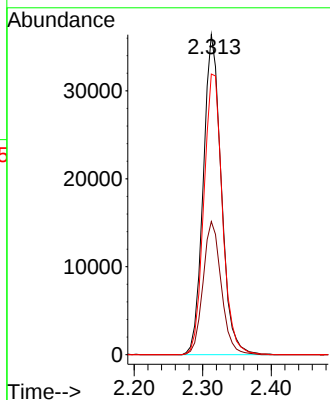
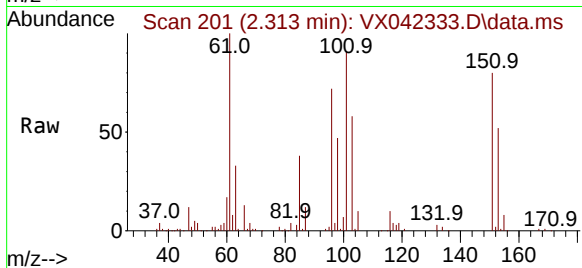
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.475 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 6684
Ion Ratio Lower Upper
101 100
85 41.9 37.0 55.6
151 90.4 58.6 87.8

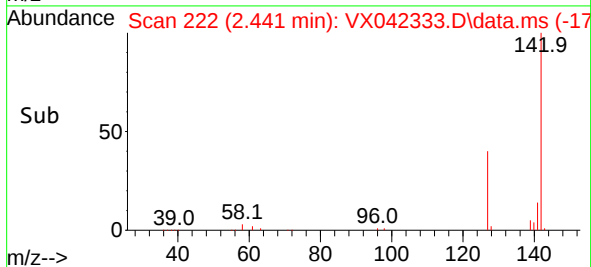
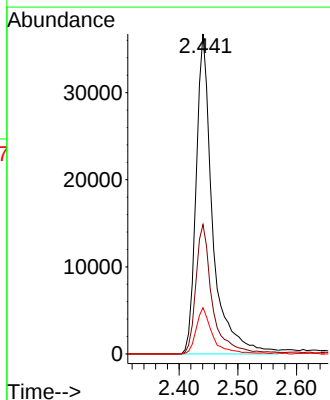
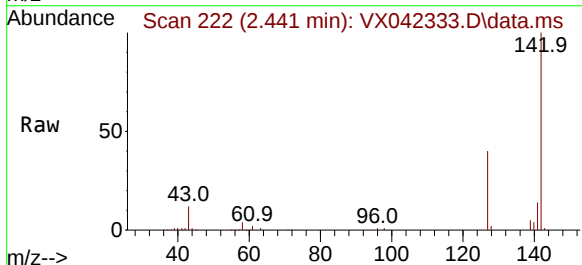
Manual Integrations
APPROVED

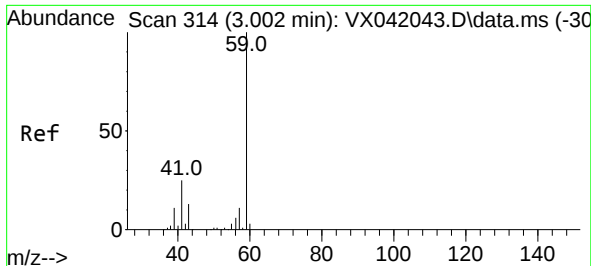
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#10
Methyl Iodide
Concen: 42.808 ug/l
RT: 2.441 min Scan# 222
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

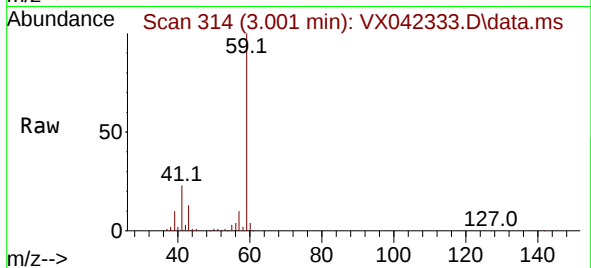
Tgt Ion:142 Resp: 71882
Ion Ratio Lower Upper
142 100
127 40.8 41.6 62.4#
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 245.785 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

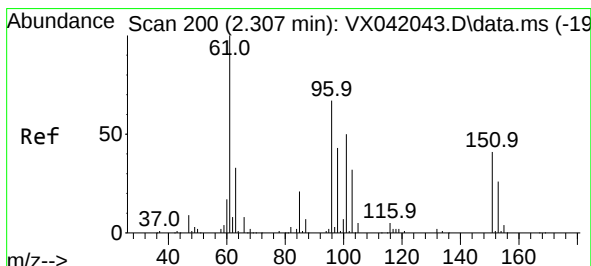
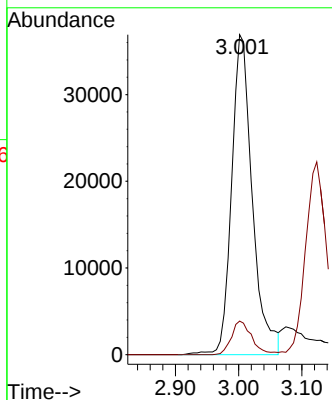
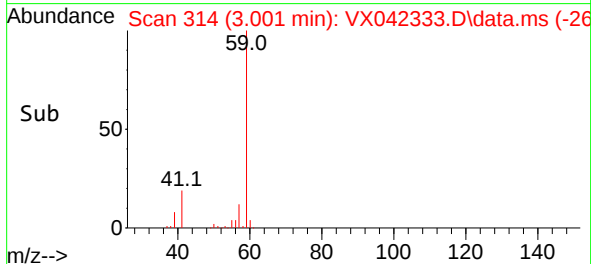
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



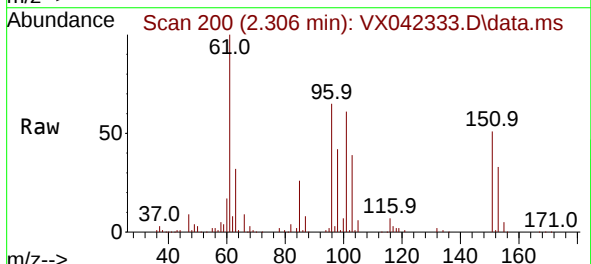
Tgt Ion: 59 Resp: 8404
Ion Ratio Lower Upper
59 100
57 10.4 6.0 9.0

Manual Integrations
APPROVED

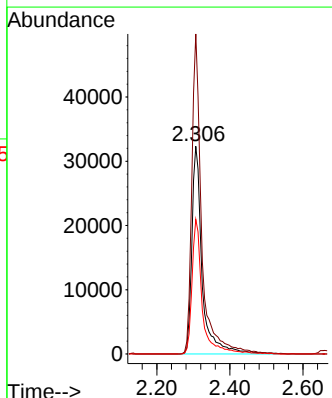
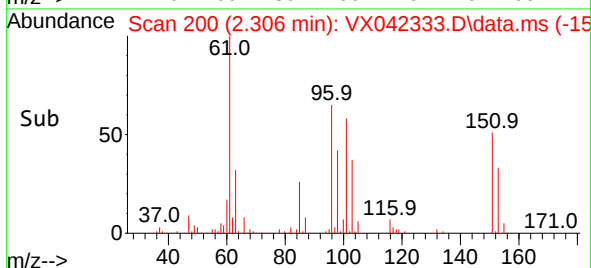
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

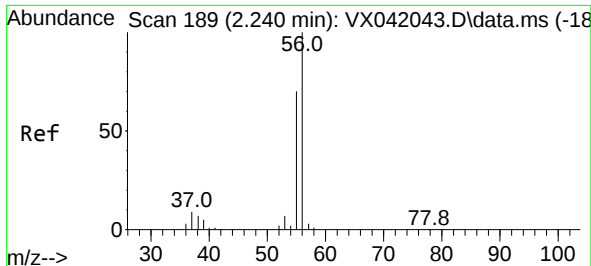


#12
1,1-Dichloroethene
Concen: 47.296 ug/l
RT: 2.306 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49



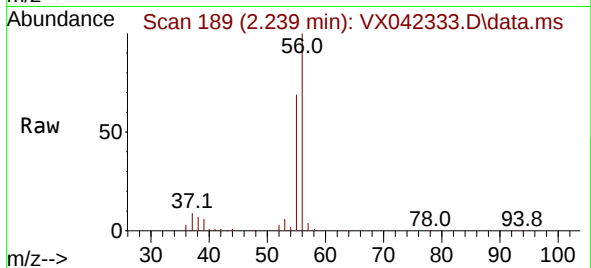
Tgt Ion: 96 Resp: 63738
Ion Ratio Lower Upper
96 100
61 154.1 144.6 216.8
98 64.8 50.4 75.6





#13
Acrolein
Concen: 157.147 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

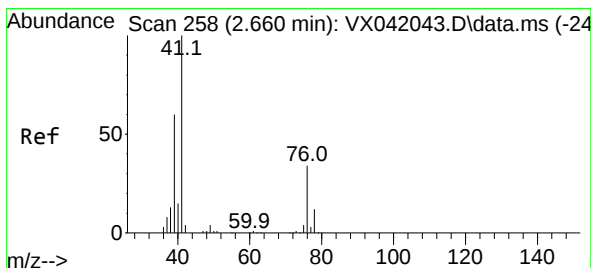
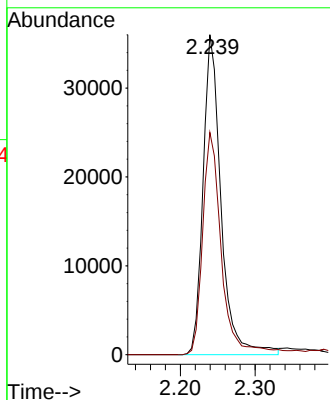
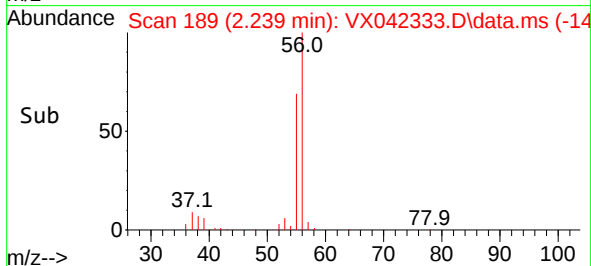
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 60234
Ion Ratio Lower Upper
56 100
55 72.6 57.1 85.7

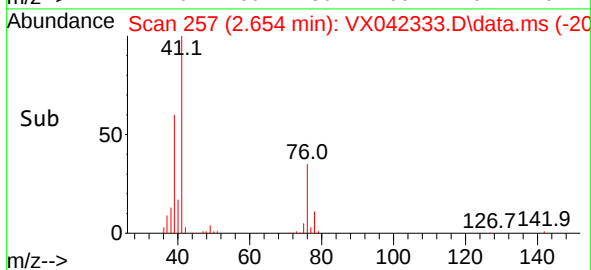
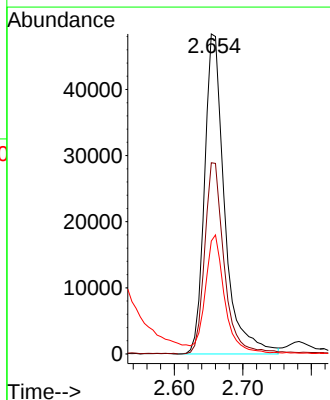
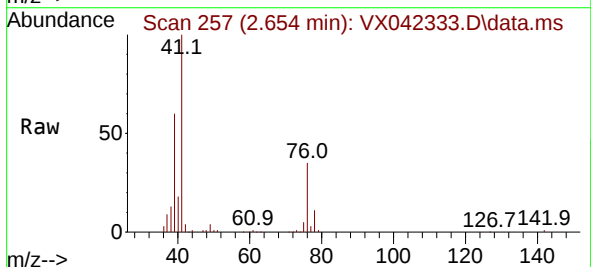
Manual Integrations
APPROVED

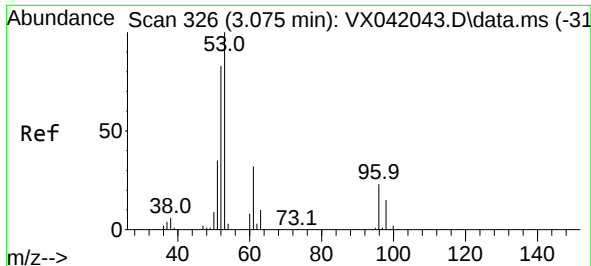
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#14
Allyl chloride
Concen: 46.361 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

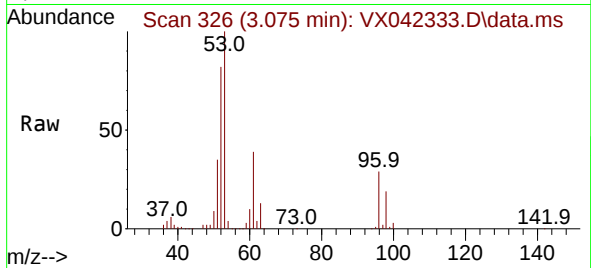
Tgt Ion: 41 Resp: 99087
Ion Ratio Lower Upper
41 100
39 58.3 55.8 83.6
76 35.3 24.3 36.5





#15
Acrylonitrile
Concen: 261.419 ug/l
RT: 3.075 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

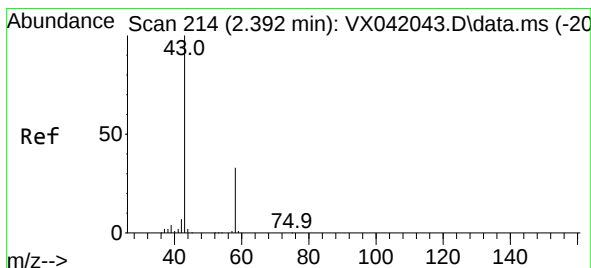
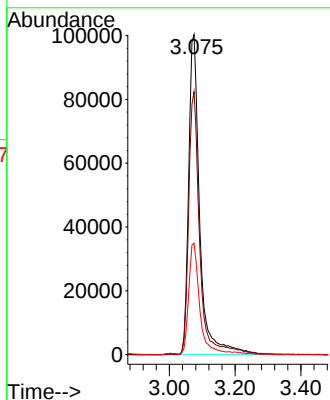
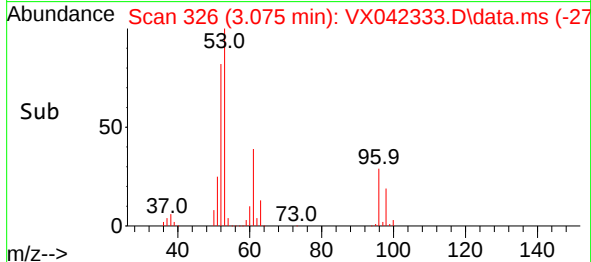
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 233484
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 35.2 29.8 44.6

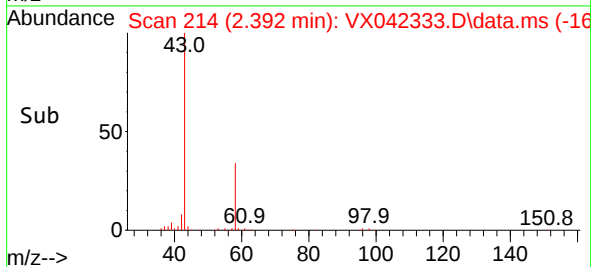
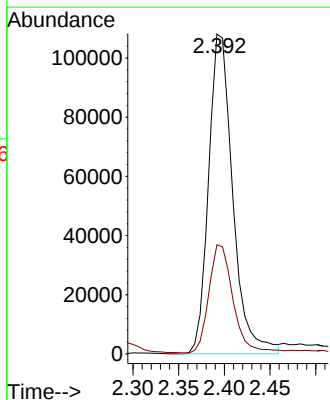
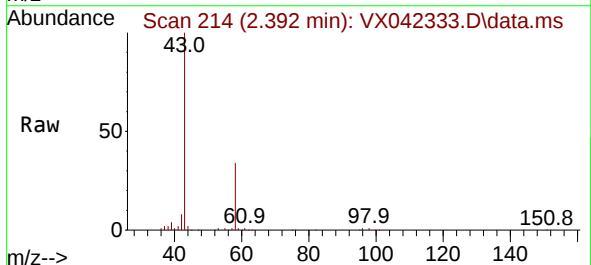
Manual Integrations
APPROVED

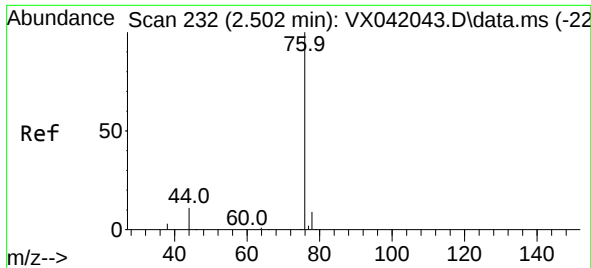
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#16
Acetone
Concen: 251.458 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion: 43 Resp: 198938
Ion Ratio Lower Upper
43 100
58 33.7 21.9 32.9#





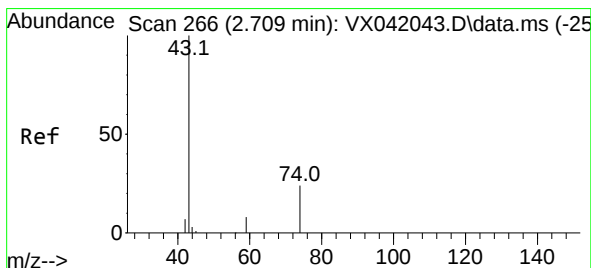
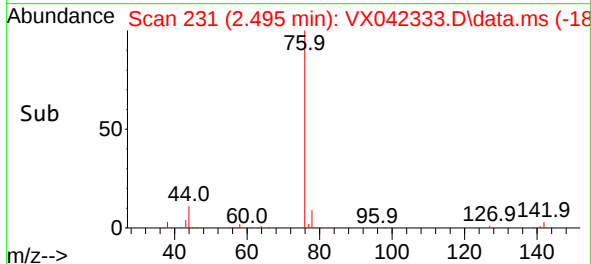
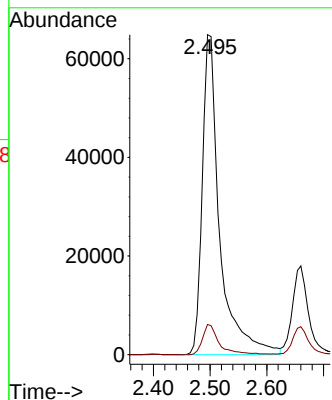
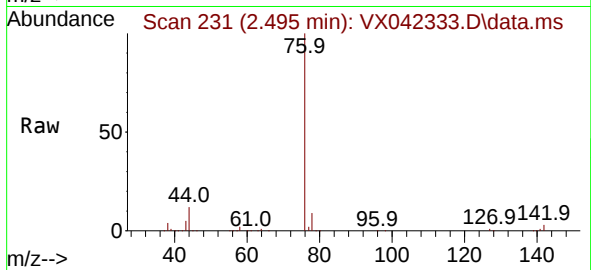
#17
Carbon Disulfide
Concen: 50.387 ug/l
RT: 2.495 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 138454
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6

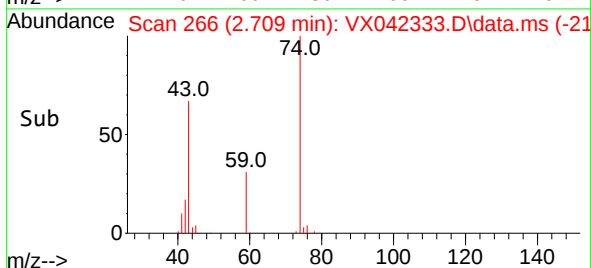
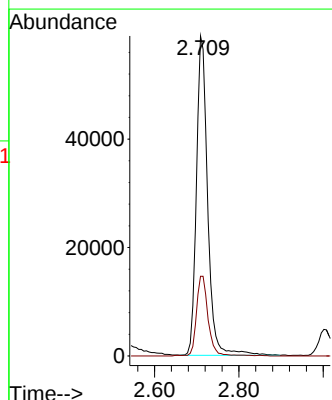
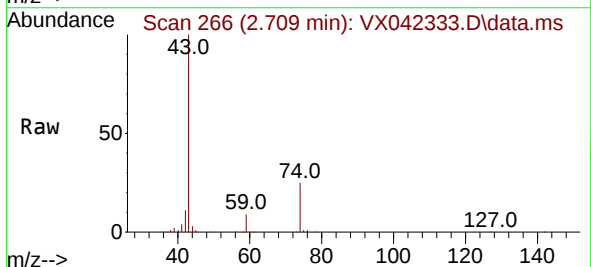
Manual Integrations
APPROVED

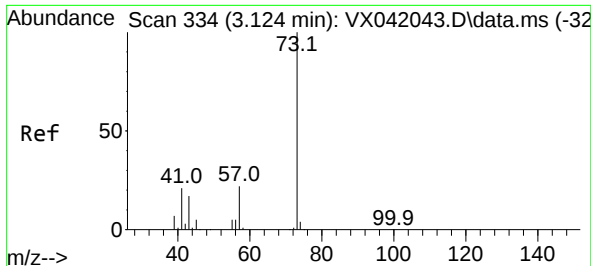
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#18
Methyl Acetate
Concen: 50.601 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

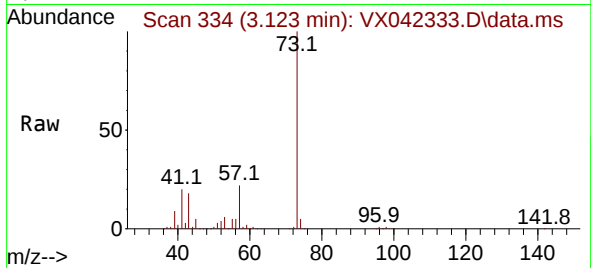
Tgt Ion: 43 Resp: 109207
Ion Ratio Lower Upper
43 100
74 25.2 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 53.191 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

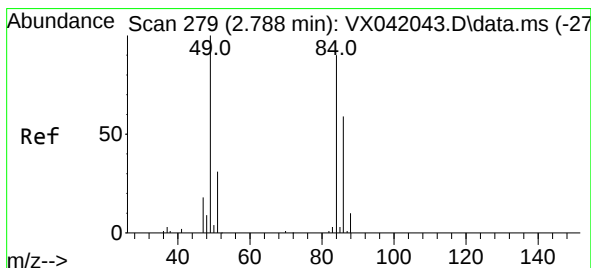
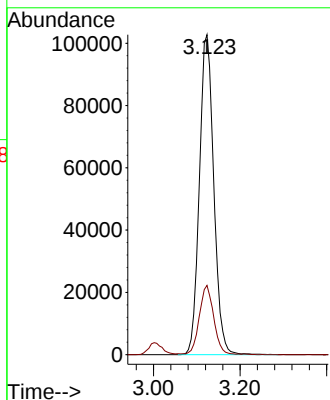
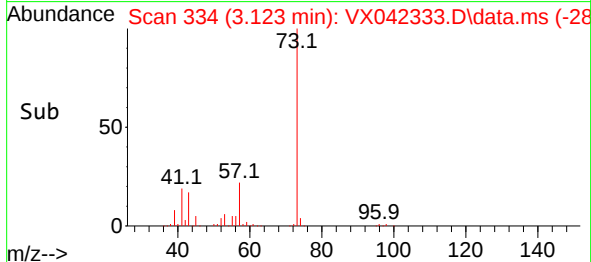
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 236810
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9

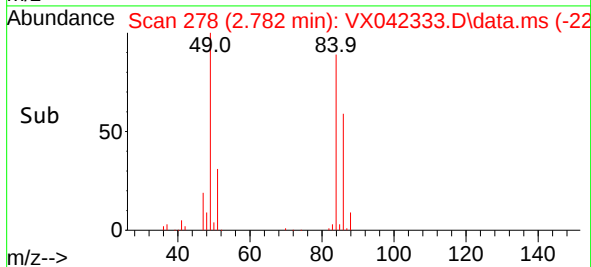
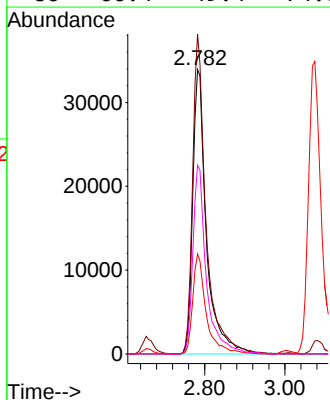
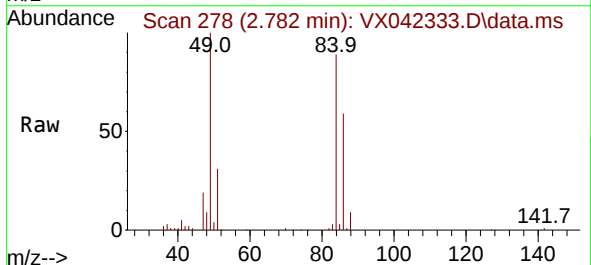
Manual Integrations
APPROVED

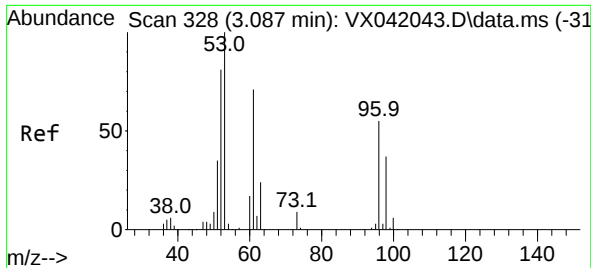
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#20
Methylene Chloride
Concen: 46.484 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

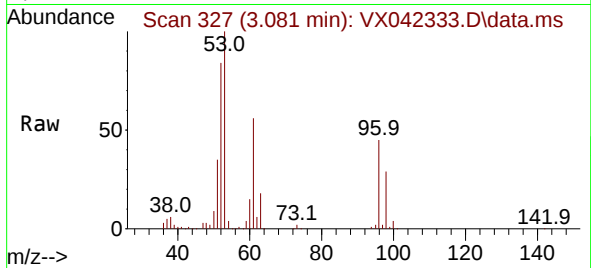
Tgt Ion: 84 Resp: 80525
Ion Ratio Lower Upper
84 100
49 112.6 103.6 155.4
51 35.2 33.8 50.6
86 66.4 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 51.625 ug/l
RT: 3.081 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

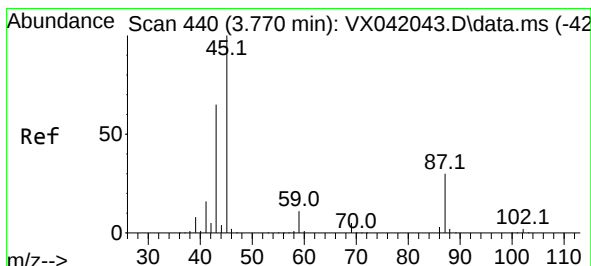
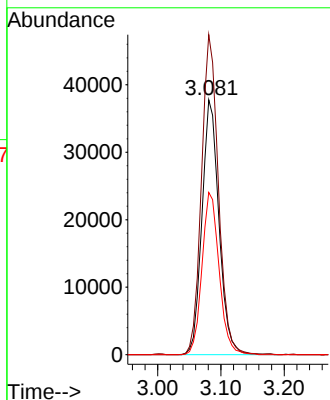
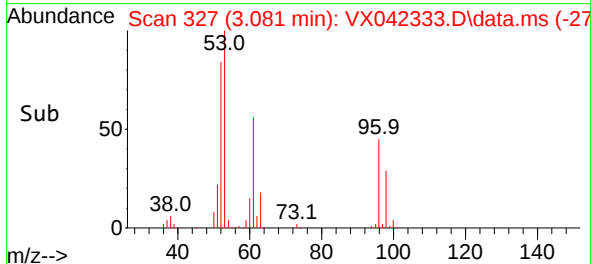
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 70609
Ion Ratio Lower Upper
96 100
61 125.6 119.2 178.8
98 63.7 48.7 73.1

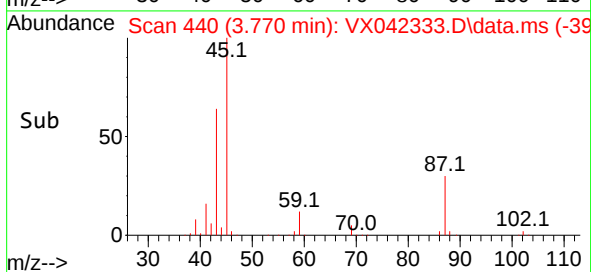
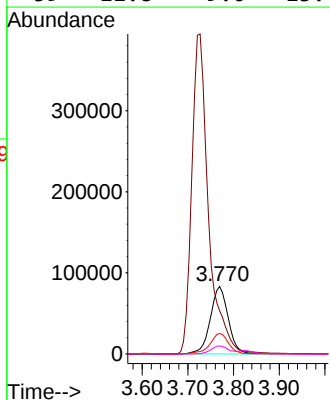
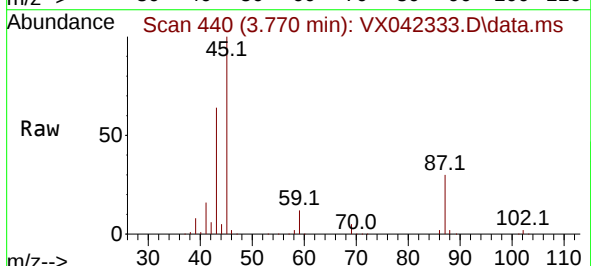
Manual Integrations
APPROVED

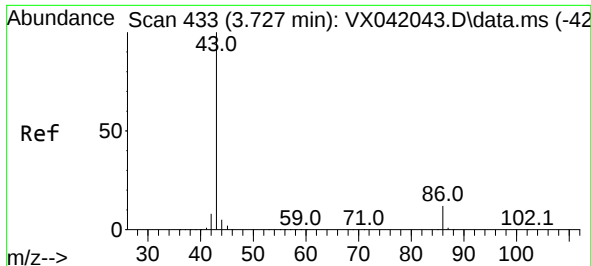
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#22
Diisopropyl ether
Concen: 50.213 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

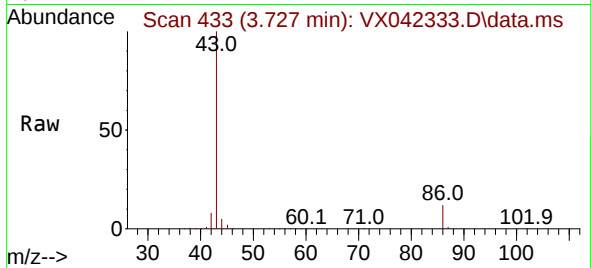
Tgt Ion: 45 Resp: 226847
Ion Ratio Lower Upper
45 100
43 63.5 69.7 104.5#
87 30.3 20.8 31.2
59 11.8 9.0 13.4





#23
 Vinyl Acetate
 Concen: 260.625 ug/l
 RT: 3.727 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX042333.D
 Acq: 16 Jul 2024 09:49

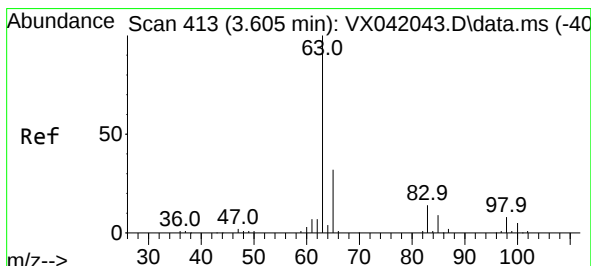
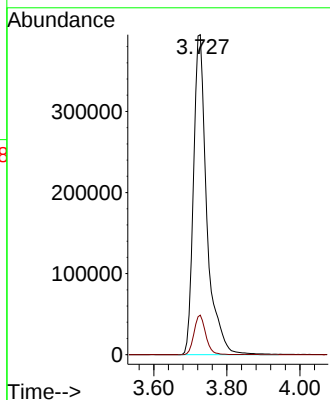
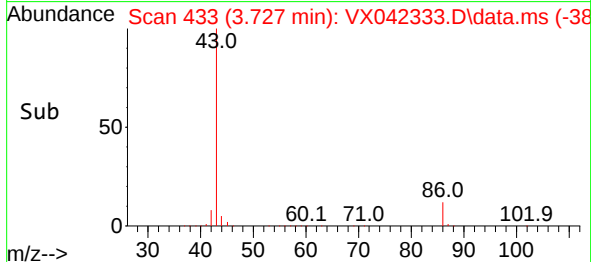
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



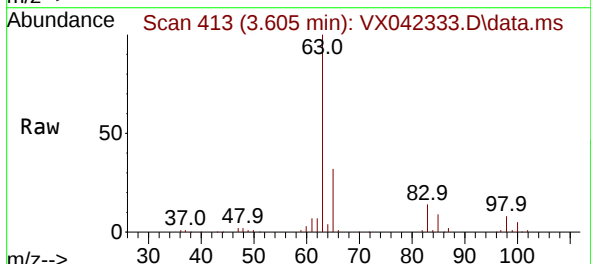
Tgt Ion: 43 Resp: 1005530
 Ion Ratio Lower Upper
 43 100
 86 12.3 7.8 11.8

Manual Integrations
 APPROVED

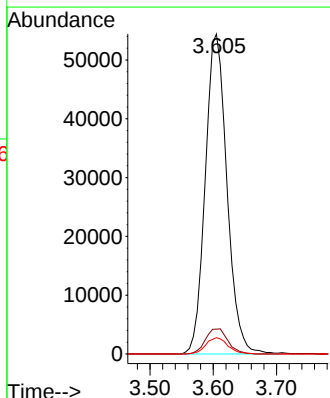
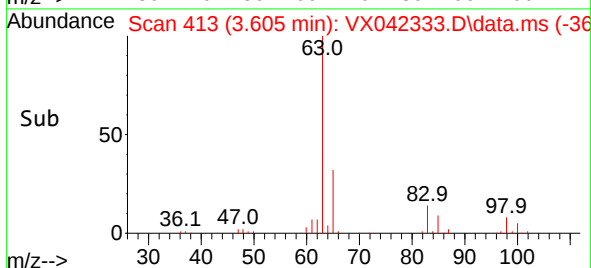
Reviewed By :John Carlone 07/17/2024
 Supervised By :Mahesh Dadoda 07/17/2024

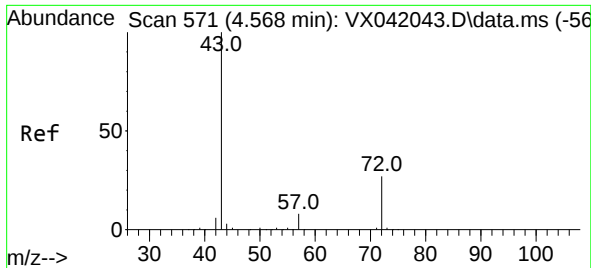


#24
 1,1-Dichloroethane
 Concen: 51.367 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. 0.000 min
 Lab File: VX042333.D
 Acq: 16 Jul 2024 09:49



Tgt Ion: 63 Resp: 129954
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.3 9.8
 100 5.1 2.1 6.5





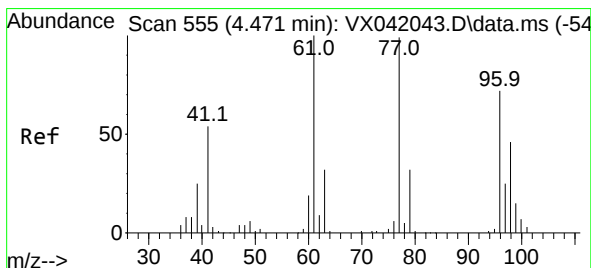
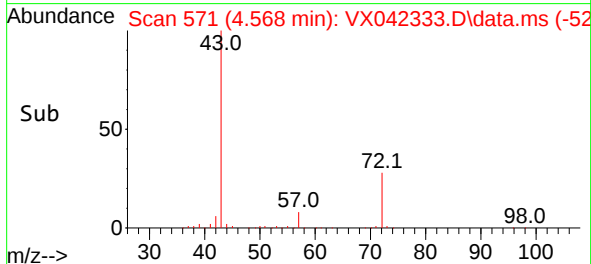
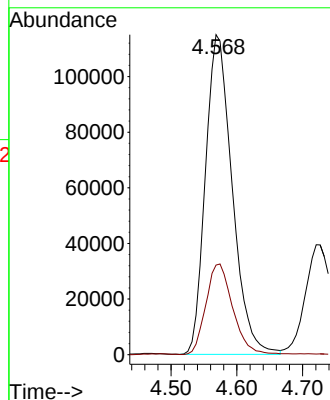
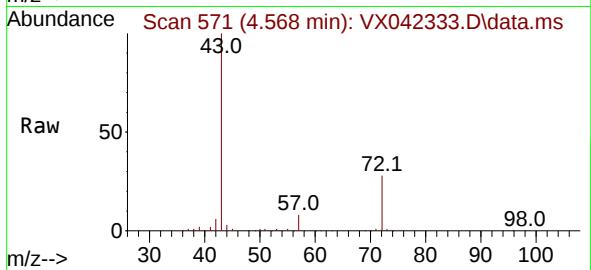
#25
2-Butanone
Concen: 264.547 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 325609
Ion Ratio Lower Upper
43 100
72 28.0 19.4 29.2

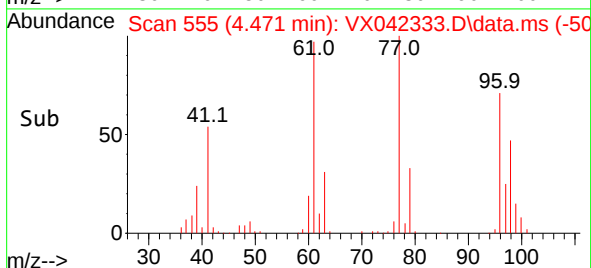
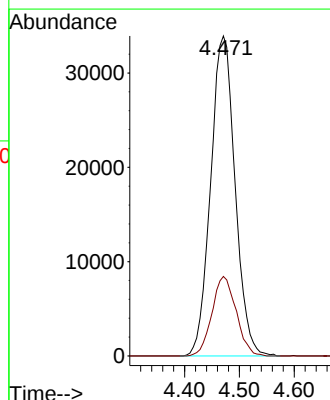
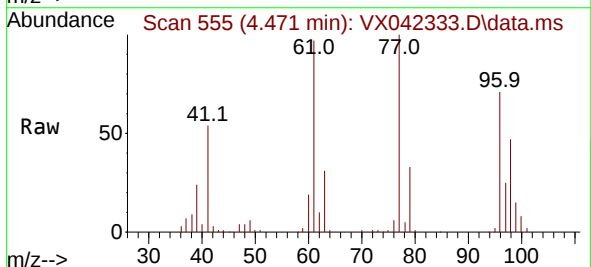
Manual Integrations
APPROVED

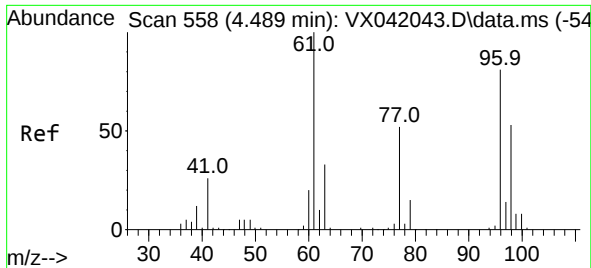
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#26
2,2-Dichloropropane
Concen: 57.306 ug/l
RT: 4.471 min Scan# 555
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

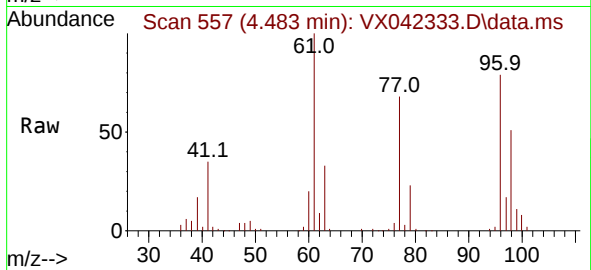
Tgt Ion: 77 Resp: 104989
Ion Ratio Lower Upper
77 100
97 24.6 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 51.968 ug/l
 RT: 4.483 min Scan# 557
 Delta R.T. -0.006 min
 Lab File: VX042333.D
 Acq: 16 Jul 2024 09:49

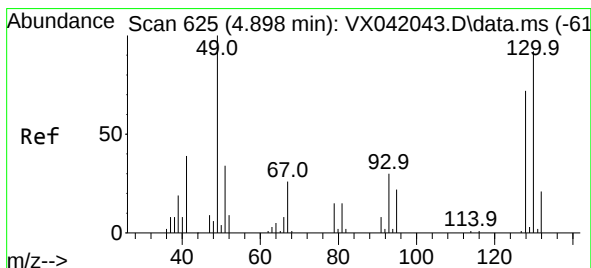
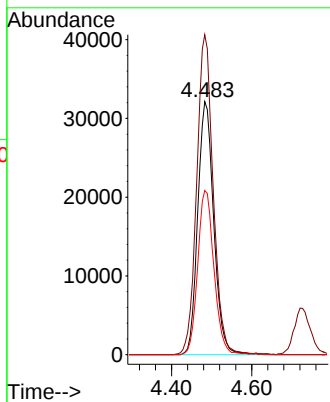
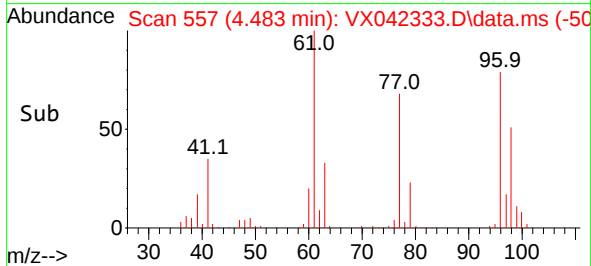
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 8902
 Ion Ratio Lower Upper
 96 100
 61 130.3 0.0 312.2
 98 65.9 0.0 129.0

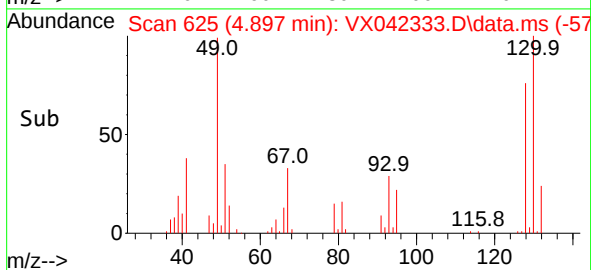
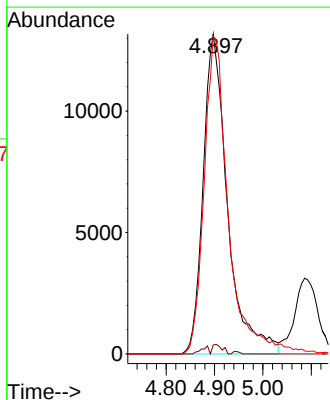
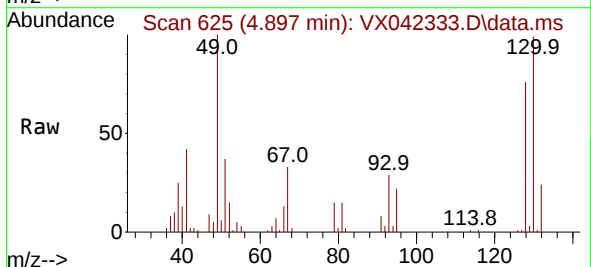
Manual Integrations
 APPROVED

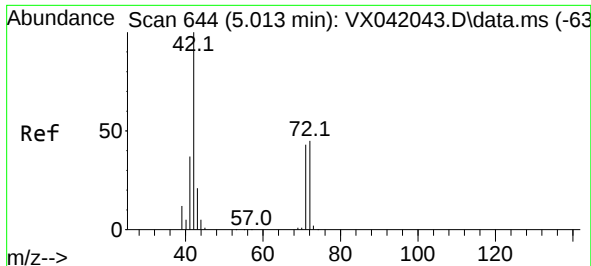
Reviewed By :John Carlone 07/17/2024
 Supervised By :Mahesh Dadoda 07/17/2024



#28
 Bromochloromethane
 Concen: 42.385 ug/l
 RT: 4.897 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX042333.D
 Acq: 16 Jul 2024 09:49

Tgt Ion: 49 Resp: 45928
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 99.3 57.5 86.3#





#29

Tetrahydrofuran

Concen: 259.492 ug/l

RT: 5.013 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 20627

Ion Ratio Lower Upper

42 100

72 48.3 34.2 51.4

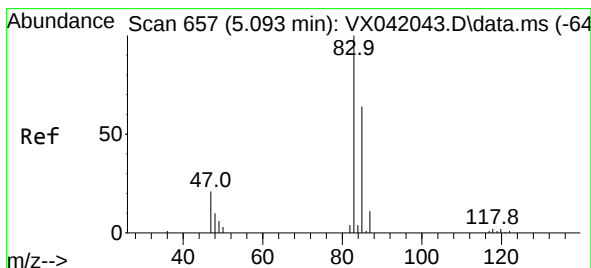
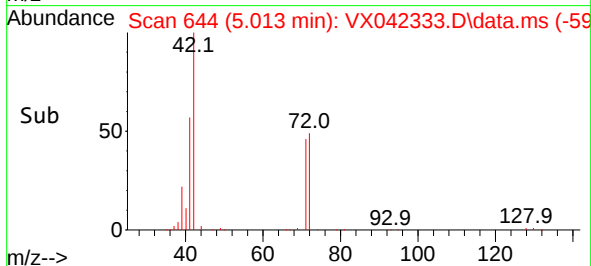
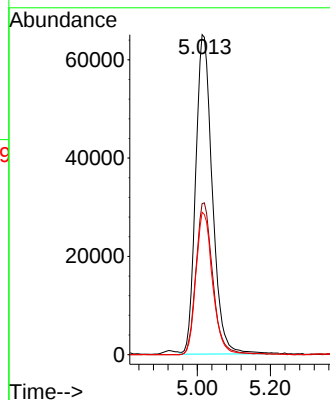
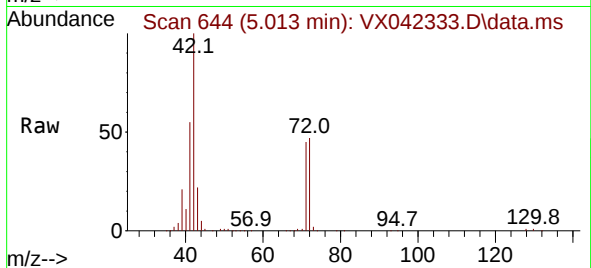
71 44.6 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#30

Chloroform

Concen: 52.202 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX042333.D

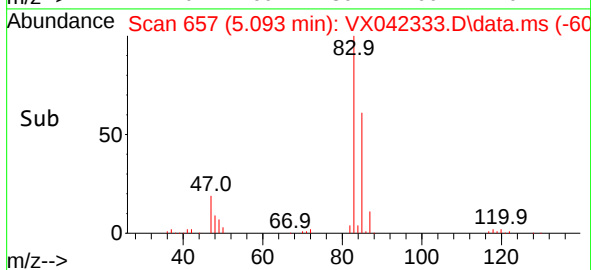
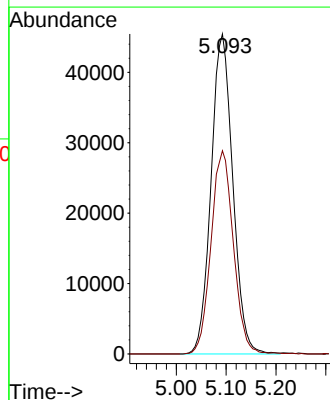
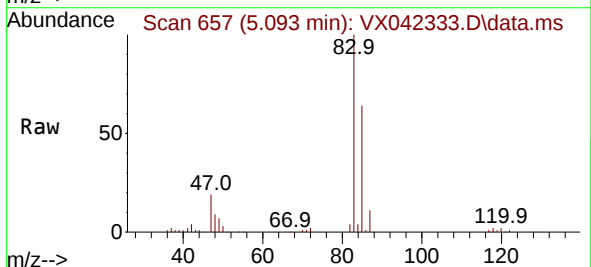
Acq: 16 Jul 2024 09:49

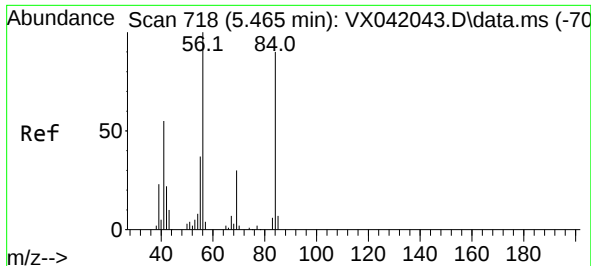
Tgt Ion: 83 Resp: 137590

Ion Ratio Lower Upper

83 100

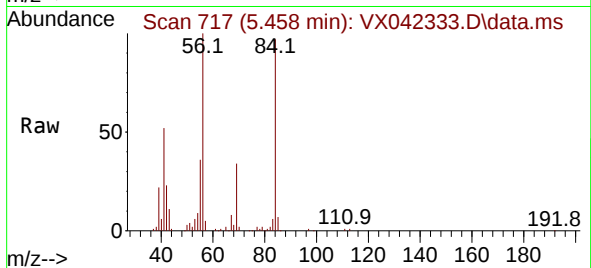
85 63.5 50.3 75.5





#31
Cyclohexane
Concen: 50.456 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

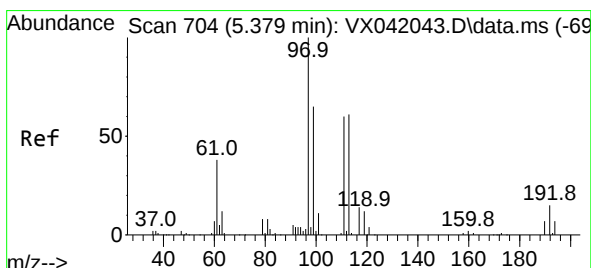
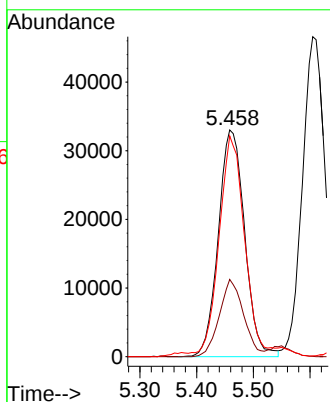
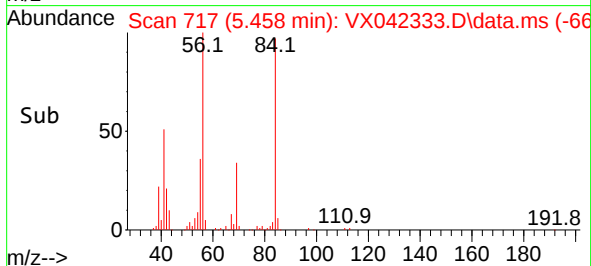
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 10631
Ion Ratio Lower Upper
56 100
69 34.1 23.4 35.2
84 96.0 65.9 98.9

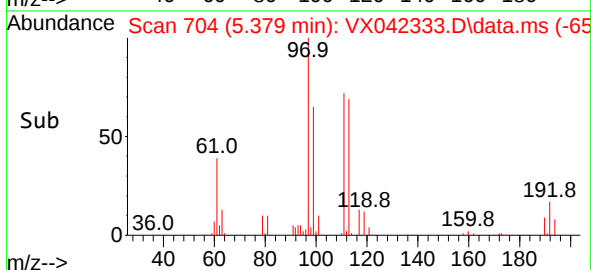
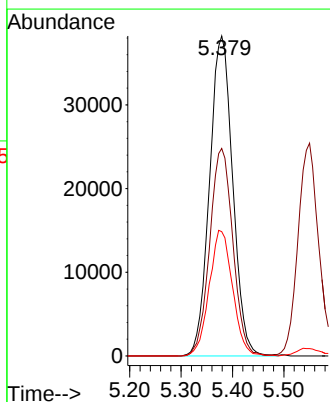
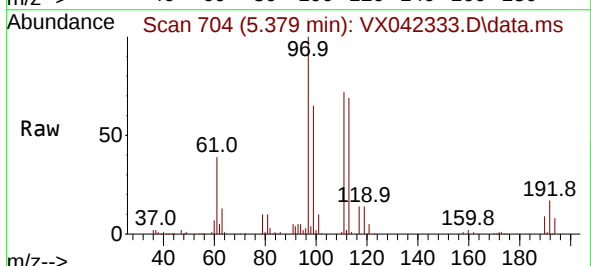
Manual Integrations
APPROVED

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



#32
1,1,1-Trichloroethane
Concen: 54.265 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion: 97 Resp: 119513
Ion Ratio Lower Upper
97 100
99 65.0 51.1 76.7
61 39.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 46.202 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8324

Ion Ratio Lower Upper

65 100

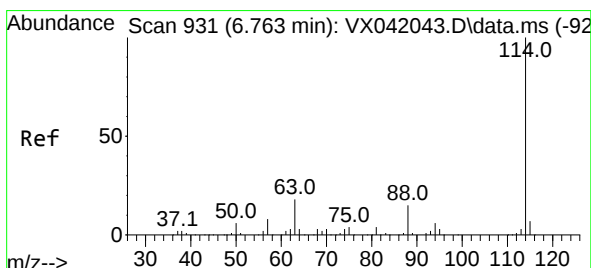
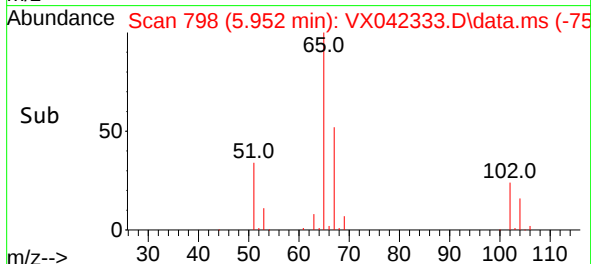
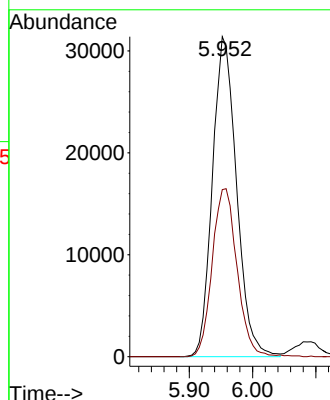
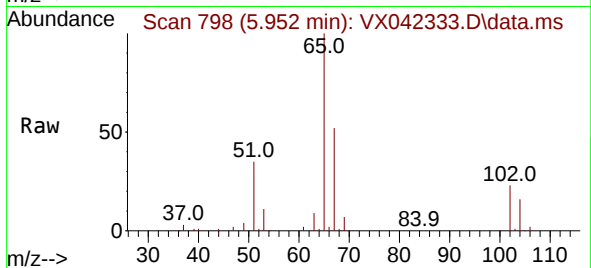
67 54.0 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

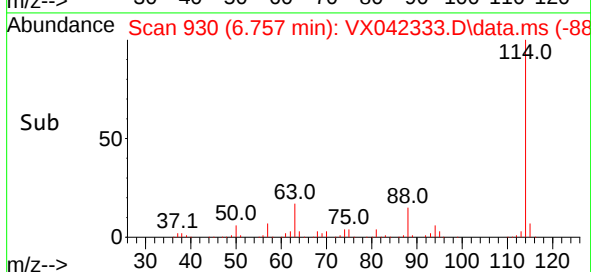
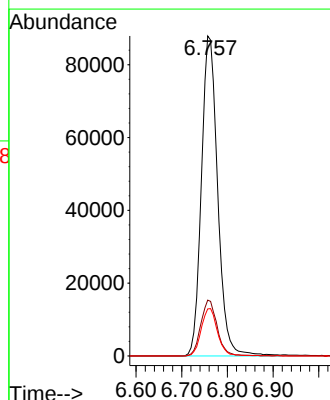
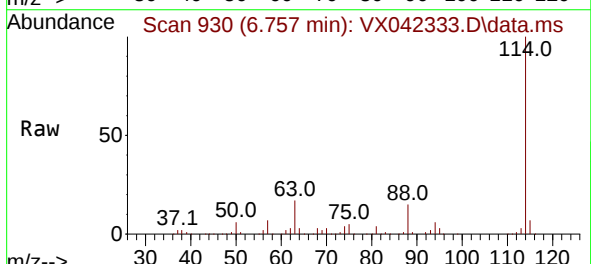
Tgt Ion:114 Resp: 217312

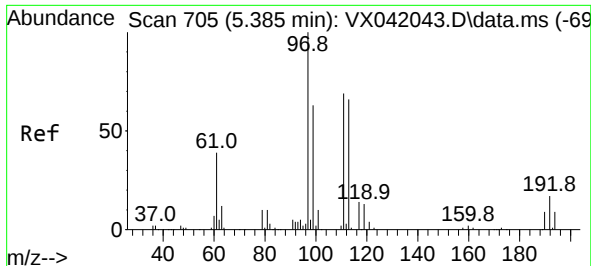
Ion Ratio Lower Upper

114 100

63 17.5 0.0 45.0

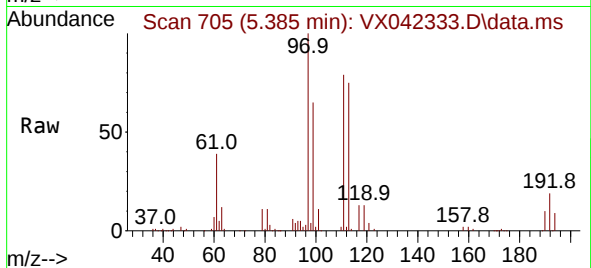
88 14.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.335 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

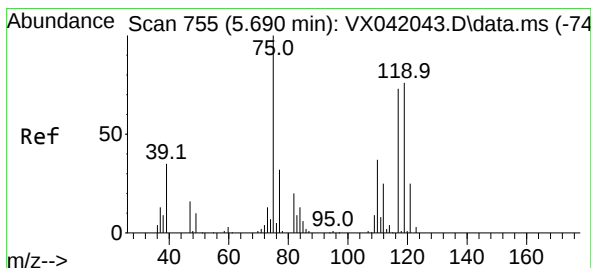
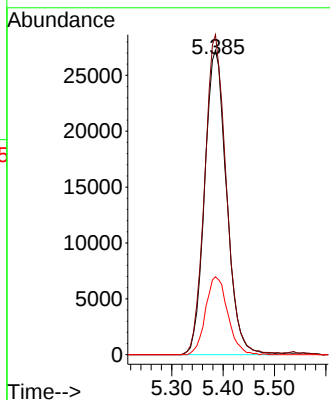
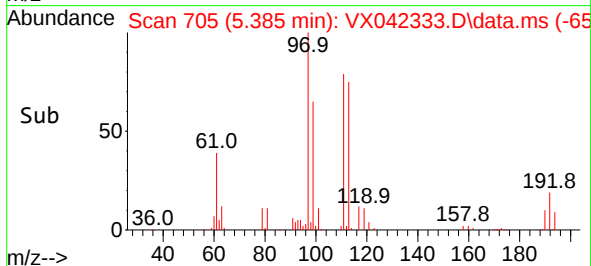
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 80698
Ion Ratio Lower Upper
113 100
111 103.7 82.9 124.3
192 25.8 13.3 19.9

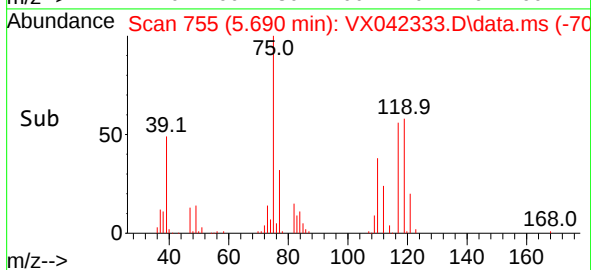
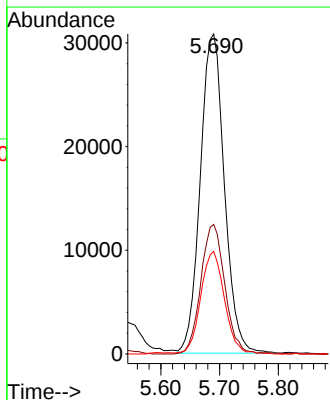
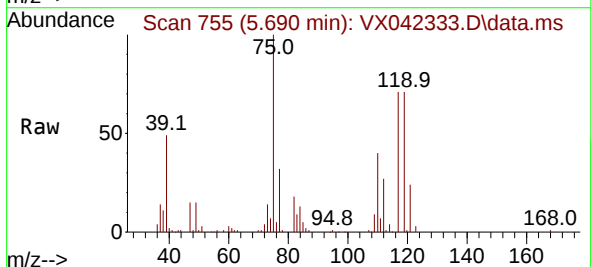
Manual Integrations
APPROVED

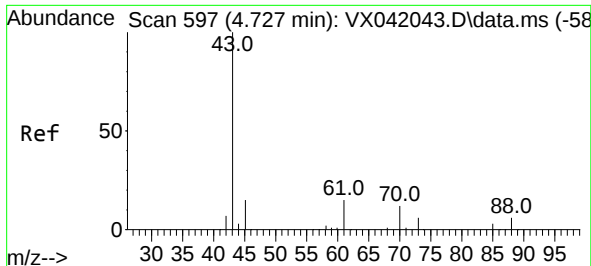
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#36
1,1-Dichloropropene
Concen: 53.654 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion: 75 Resp: 87852
Ion Ratio Lower Upper
75 100
110 40.4 17.0 50.9
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 56.188 ug/l

RT: 4.721 min Scan# 597

Delta R.T. -0.006 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 11984

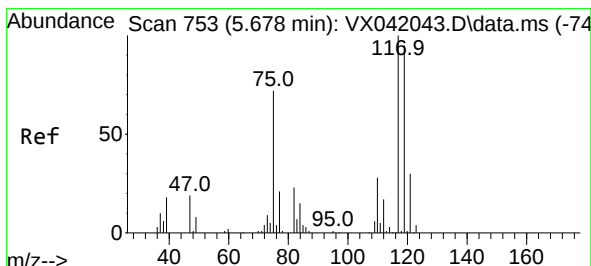
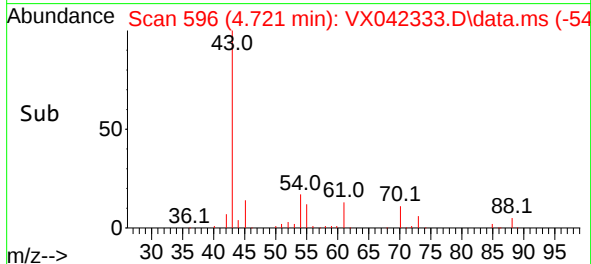
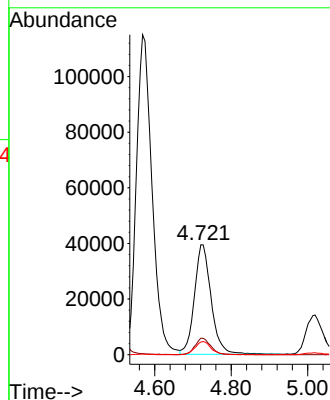
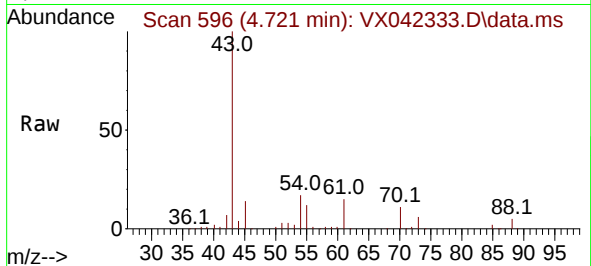
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.6	16.0
70	11.4	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#38

Carbon Tetrachloride

Concen: 58.453 ug/l

RT: 5.672 min Scan# 752

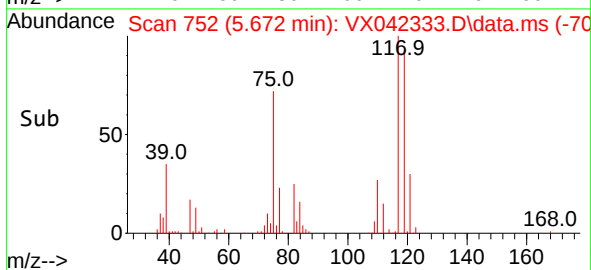
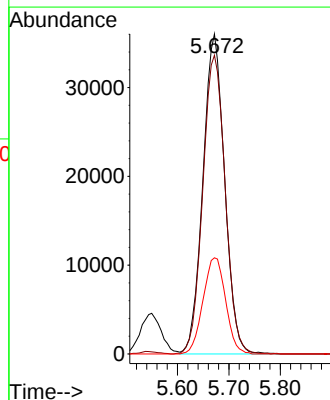
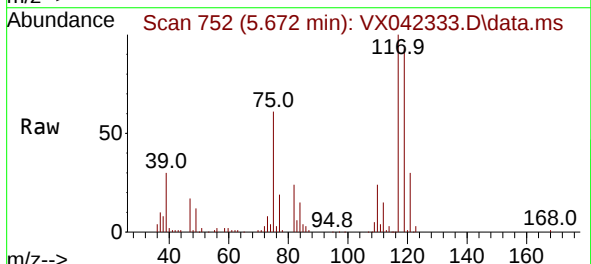
Delta R.T. -0.006 min

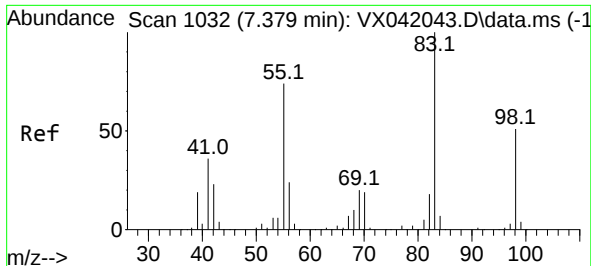
Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Tgt Ion:117 Resp: 105749

Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.2	117.2
121	30.1	24.4	36.6





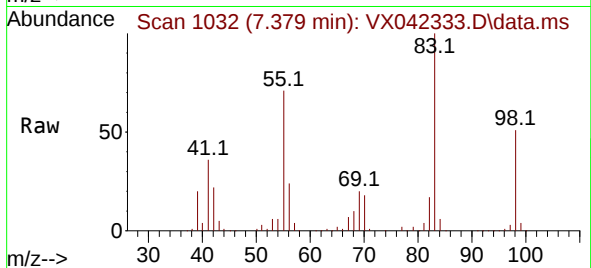
#39
Methylcyclohexane
Concen: 56.092 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



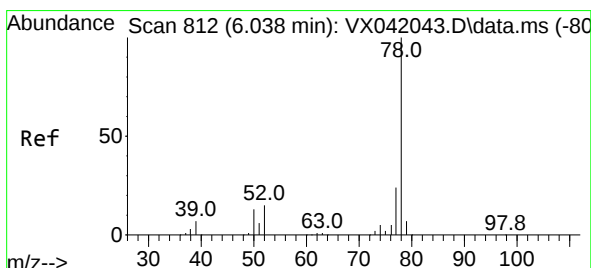
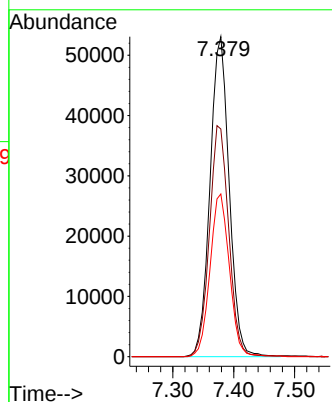
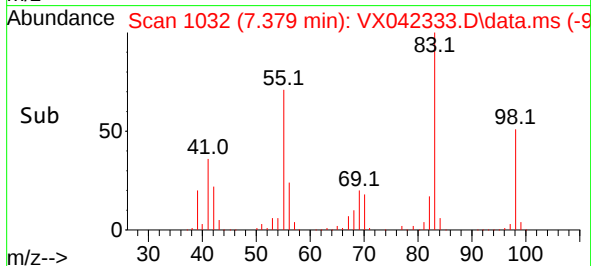
Tgt Ion: 83 Resp: 116154
Ion Ratio Lower Upper
83 100
55 71.1 64.6 97.0
98 50.8 36.7 55.1

Manual Integrations

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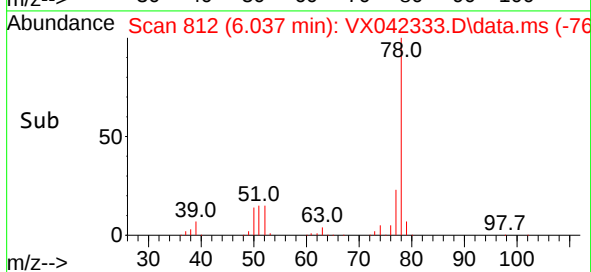
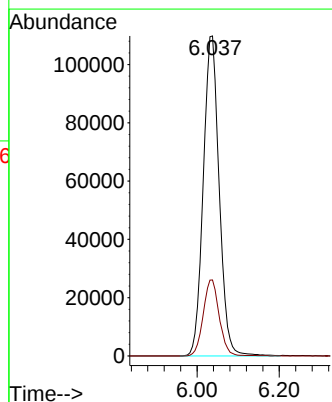
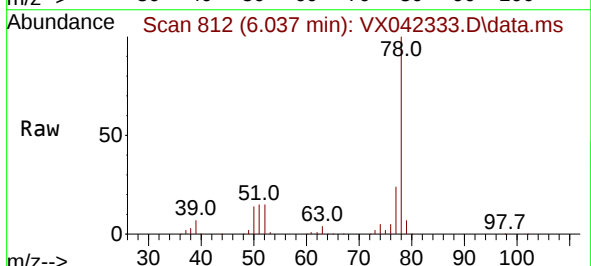
Reviewed By :John Carlone 07/17/2024

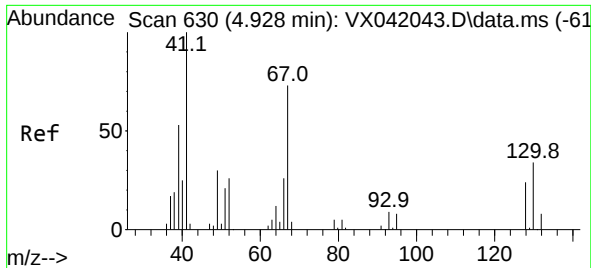
Supervised By :Mahesh Dadoda 07/17/2024



#40
Benzene
Concen: 53.456 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

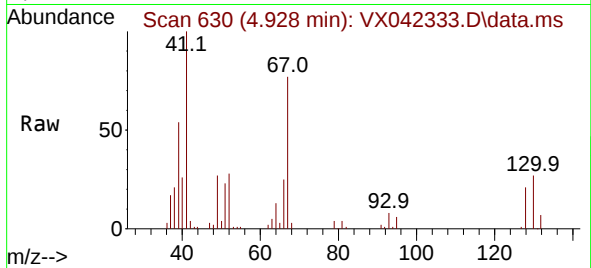
Tgt Ion: 78 Resp: 295203
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9





#41
Methacrylonitrile
Concen: 54.882 ug/l
RT: 4.928 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

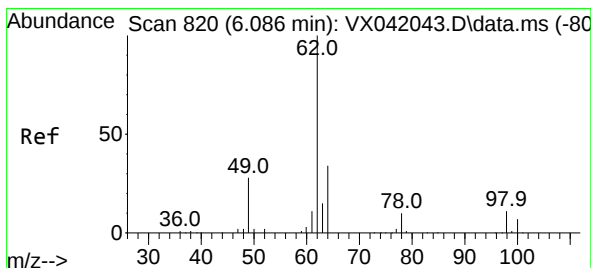
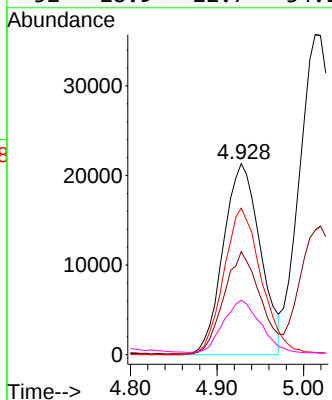
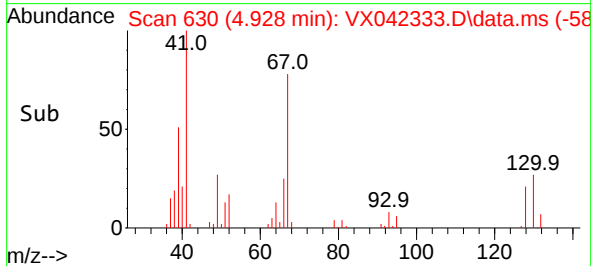
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 63450
Ion Ratio Lower Upper
41 100
39 53.5 45.2 67.8
67 78.2 52.6 78.8
52 28.9 22.7 34.1

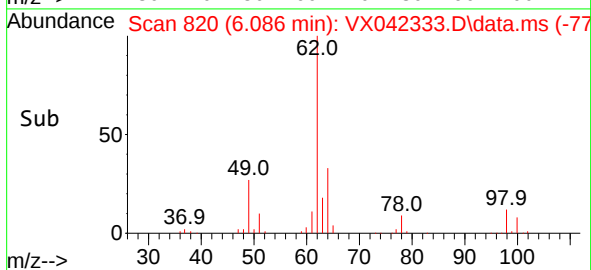
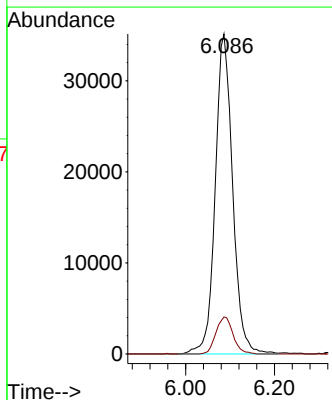
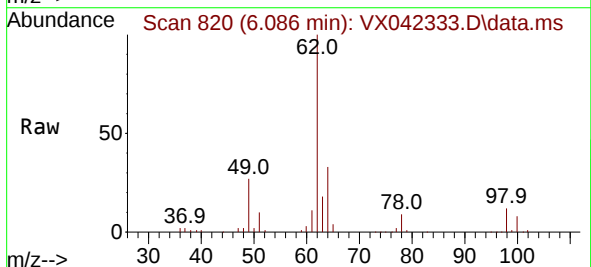
Manual Integrations
APPROVED

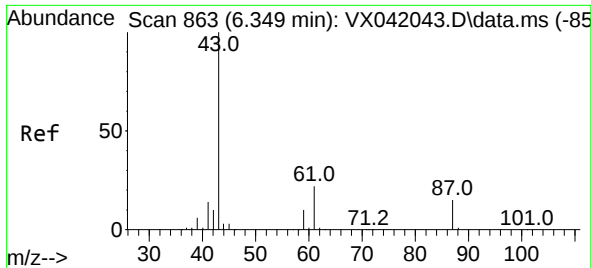
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#42
1,2-Dichloroethane
Concen: 53.549 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

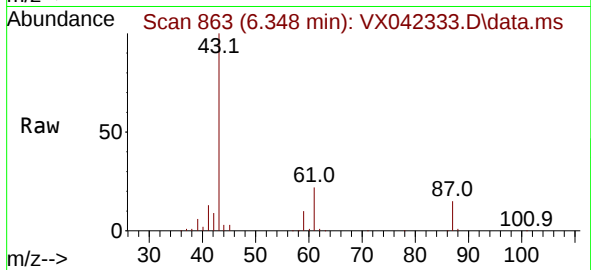
Tgt Ion: 62 Resp: 95253
Ion Ratio Lower Upper
62 100
98 11.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 53.100 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

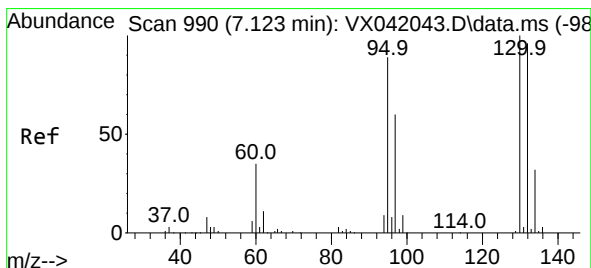
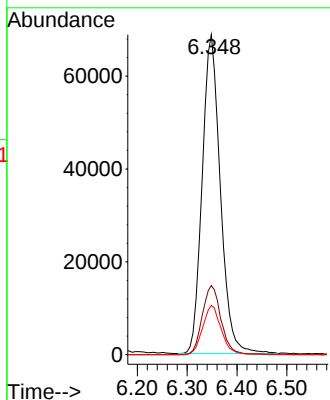
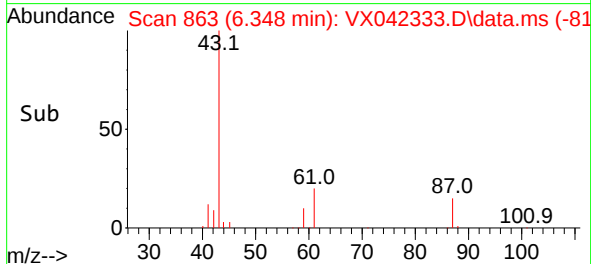
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 173849
Ion Ratio Lower Upper
43 100
61 22.3 15.2 22.8
87 15.8 9.8 14.6

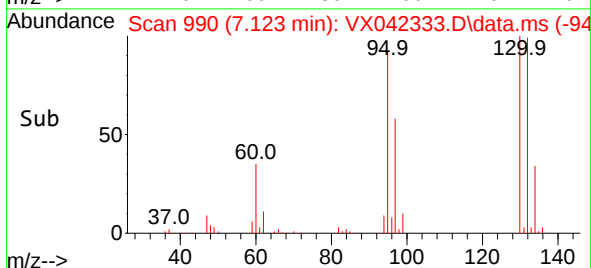
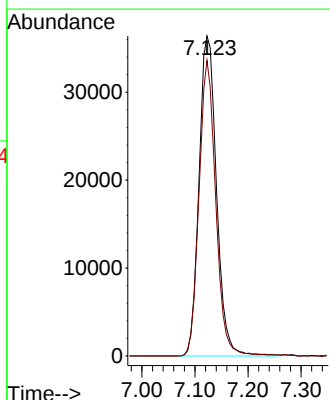
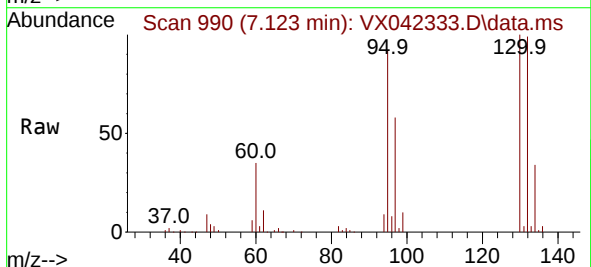
Manual Integrations
APPROVED

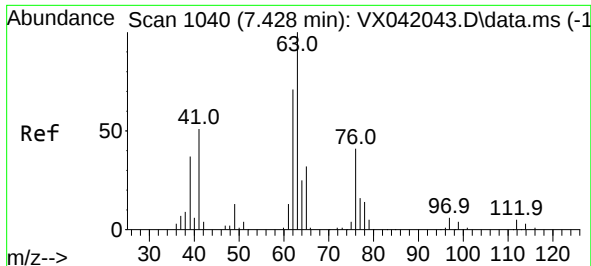
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#44
Trichloroethene
Concen: 56.311 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion:130 Resp: 83355
Ion Ratio Lower Upper
130 100
95 92.4 0.0 204.4





#45

1,2-Dichloropropane

Concen: 53.907 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 73198

Ion Ratio Lower Upper

63 100

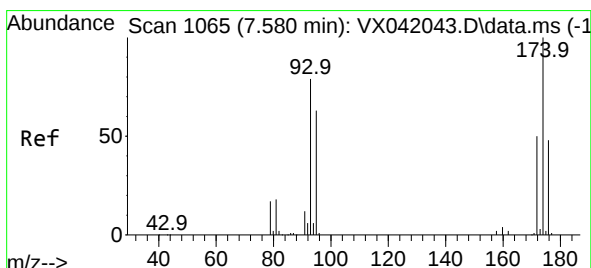
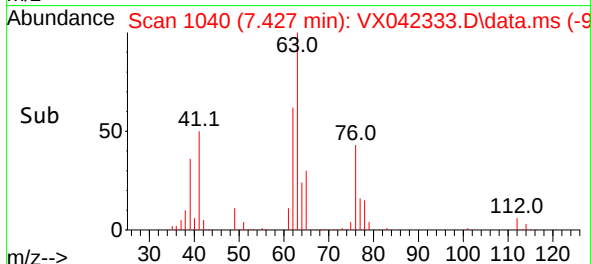
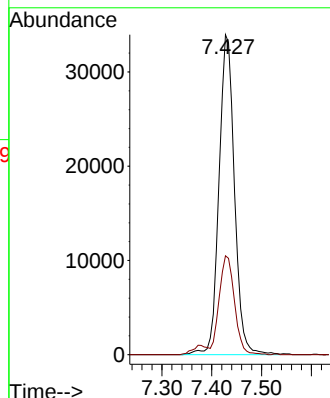
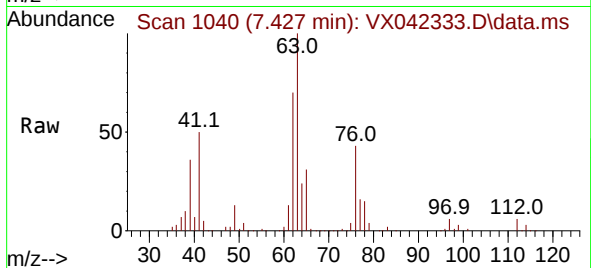
65 30.9 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#46

Dibromomethane

Concen: 55.784 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

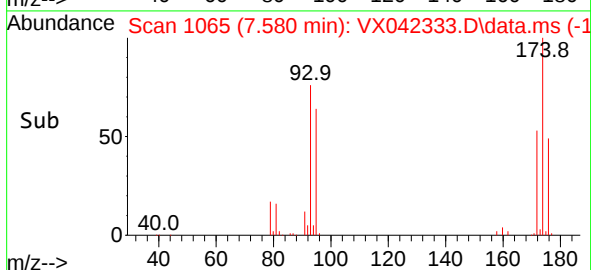
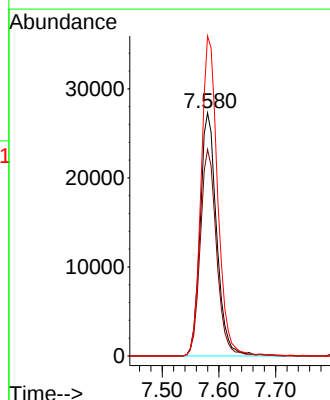
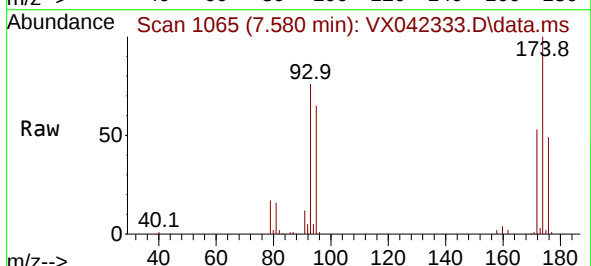
Tgt Ion: 93 Resp: 55191

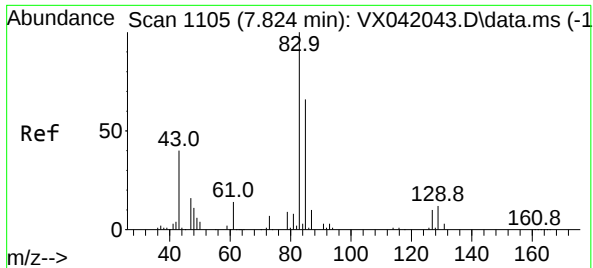
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

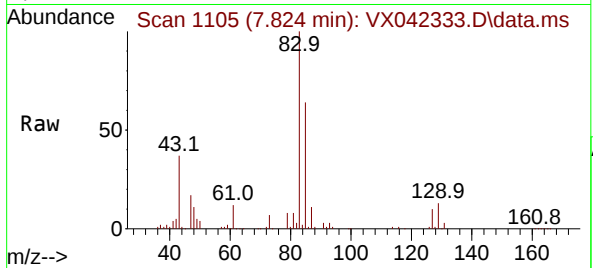
174 131.8 69.4 104.0#





#47
Bromodichloromethane
Concen: 56.730 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

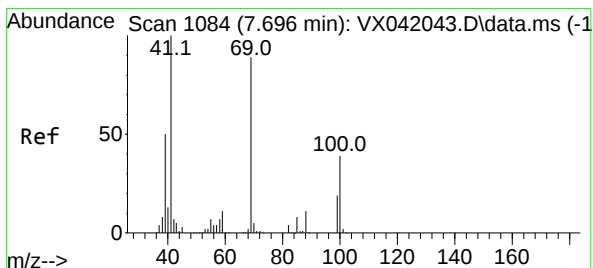
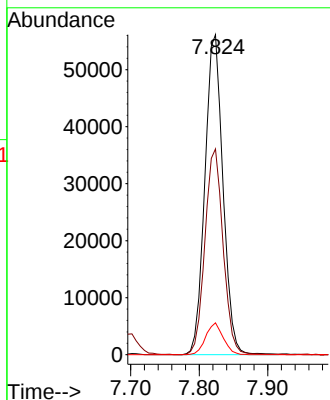
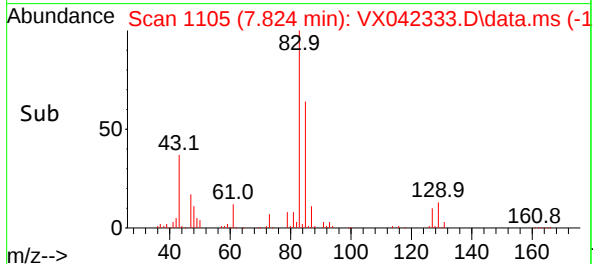
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 103048
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 9.9 7.1 10.7

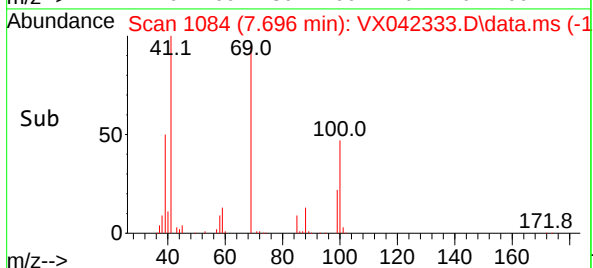
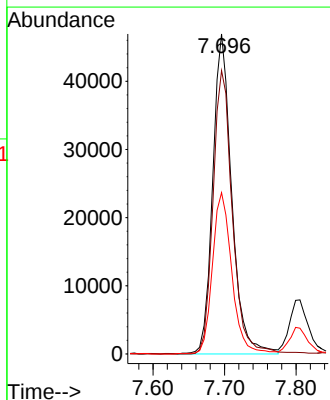
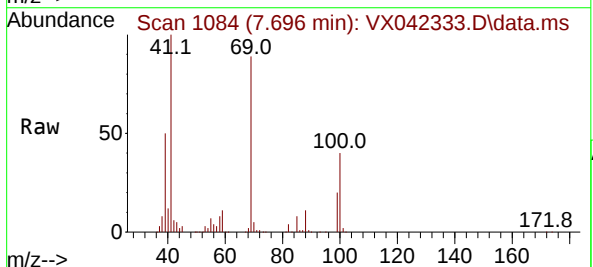
Manual Integrations
APPROVED

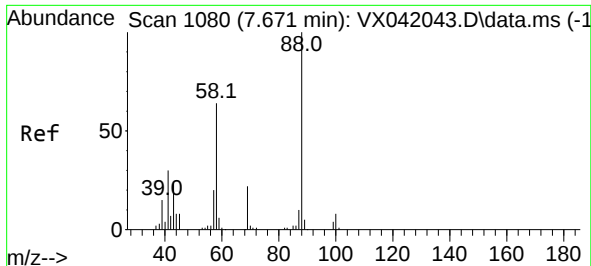
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#48
Methyl methacrylate
Concen: 55.464 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

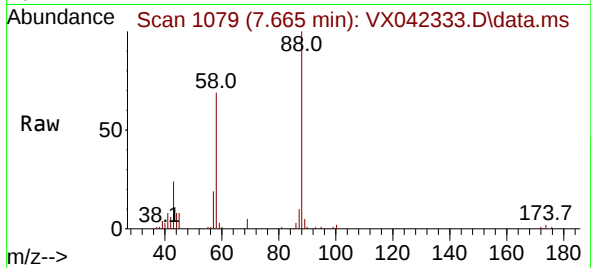
Tgt Ion: 41 Resp: 86662
Ion Ratio Lower Upper
41 100
69 90.4 59.2 88.8
39 51.4 47.7 71.5





#49
1,4-Dioxane
Concen: 1000.912 ug/l
RT: 7.665 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

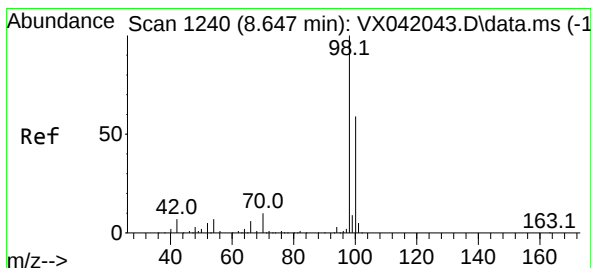
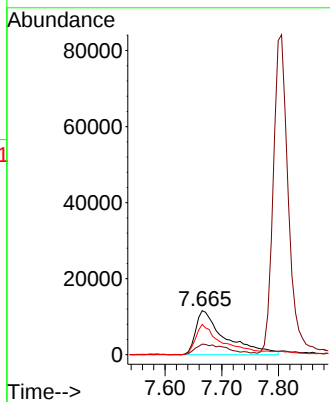
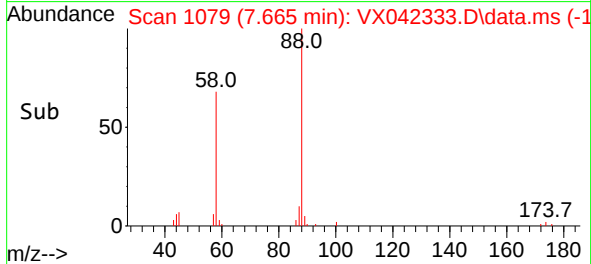
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 41382
Ion Ratio Lower Upper
88 100
43 27.2 0.0 0.0
58 65.5 60.1 90.1

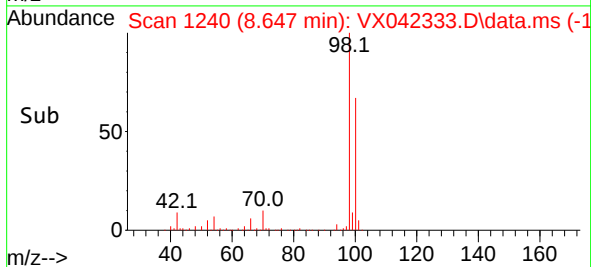
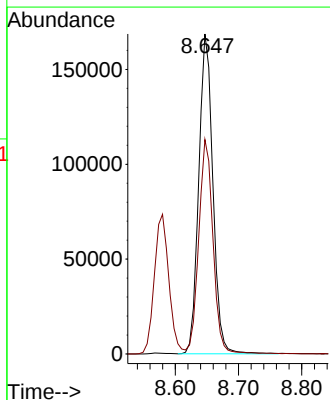
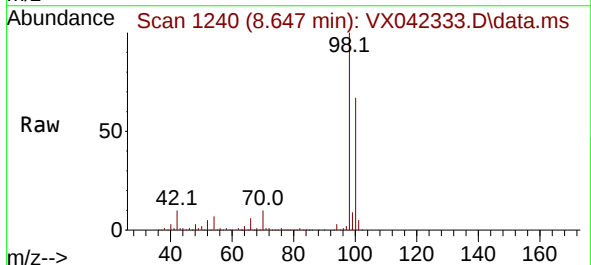
Manual Integrations
APPROVED

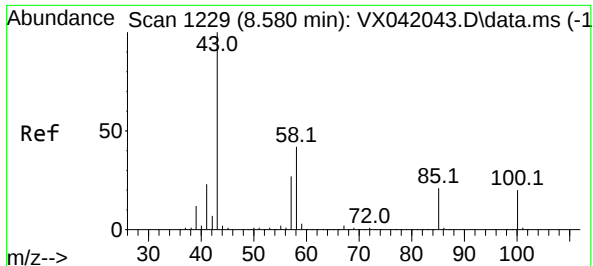
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#50
Toluene-d8
Concen: 48.481 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion: 98 Resp: 262618
Ion Ratio Lower Upper
98 100
100 67.4 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 272.929 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

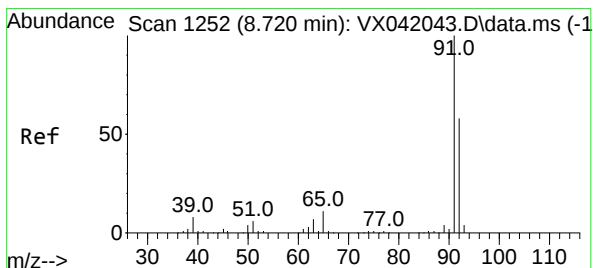
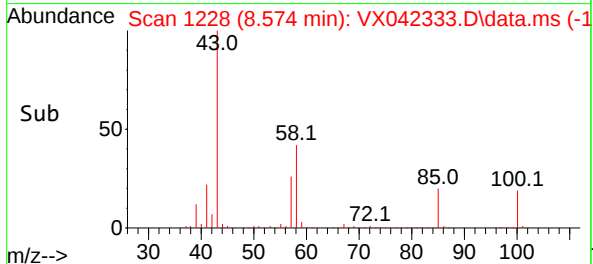
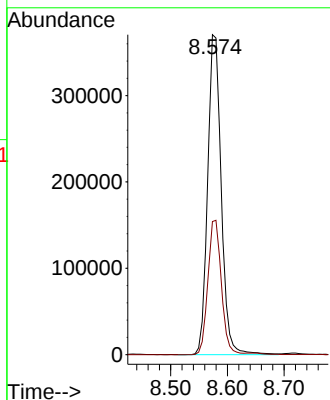
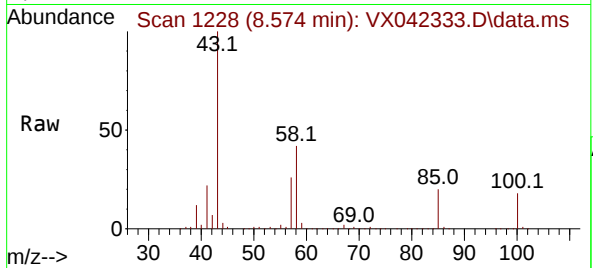
Tgt Ion: 43 Resp: 61552
Ion Ratio Lower Upper
43 100
58 41.7 30.4 45.6

Manual Integrations

APPROVED

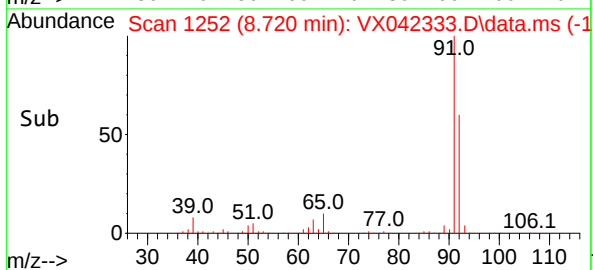
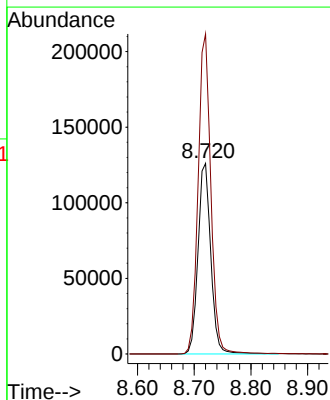
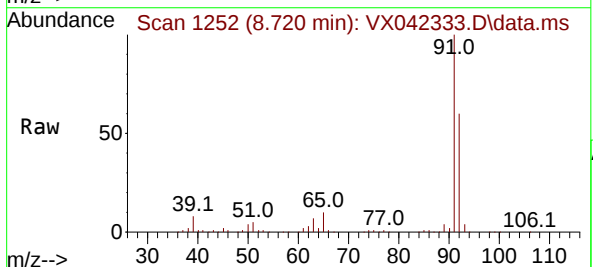
Reviewed By :John Carlone 07/17/2024

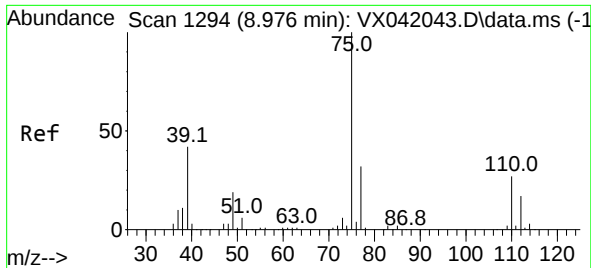
Supervised By :Mahesh Dadoda 07/17/2024



#52
Toluene
Concen: 55.943 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion: 92 Resp: 196726
Ion Ratio Lower Upper
92 100
91 167.4 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 54.704 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

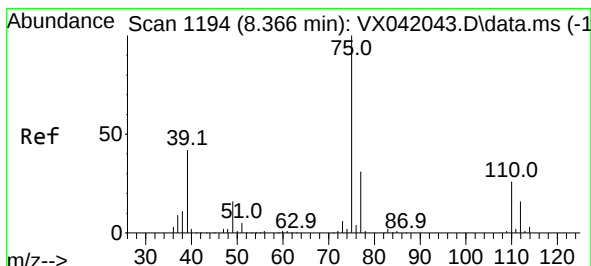
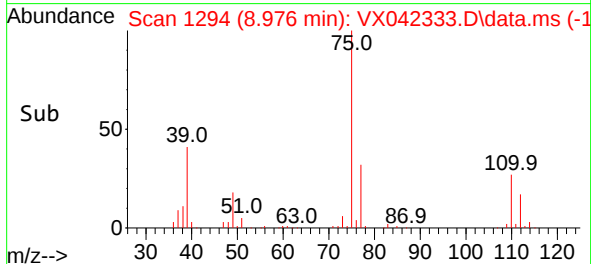
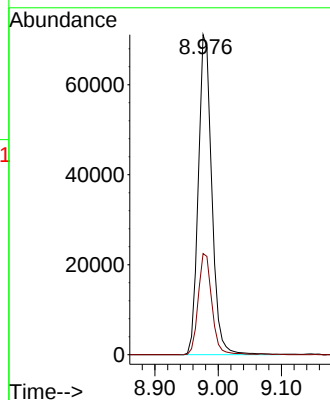
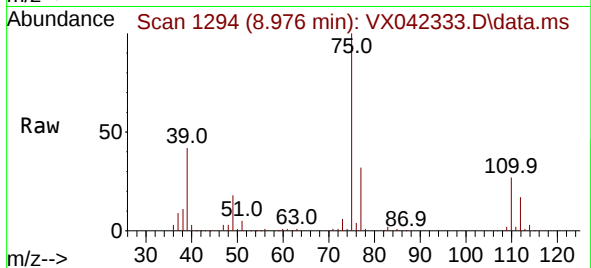
VSTDCCC050

Tgt Ion: 75 Resp: 10552
Ion Ratio Lower Upper
75 100
77 31.6 25.7 38.5

Manual Integrations

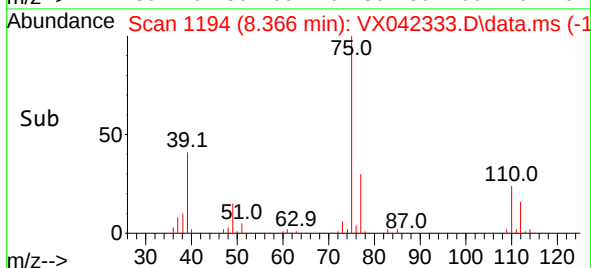
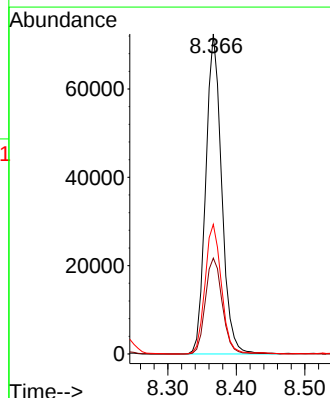
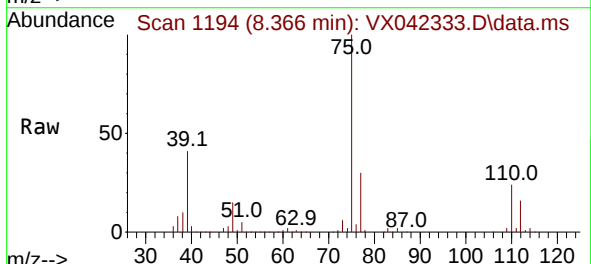
APPROVED

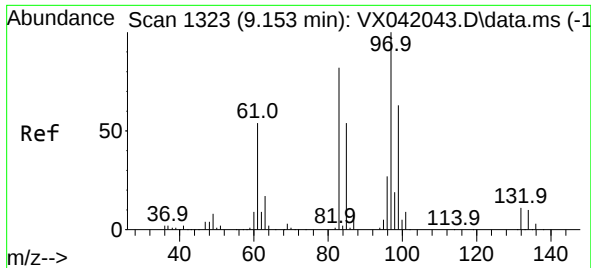
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#54
cis-1,3-Dichloropropene
Concen: 58.852 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

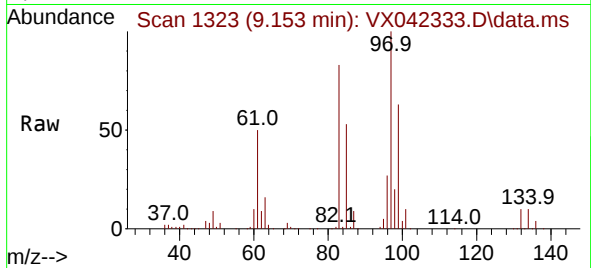
Tgt Ion: 75 Resp: 117038
Ion Ratio Lower Upper
75 100
77 30.0 25.3 37.9
39 40.5 46.7 70.1#





#55
1,1,2-Trichloroethane
Concen: 56.373 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

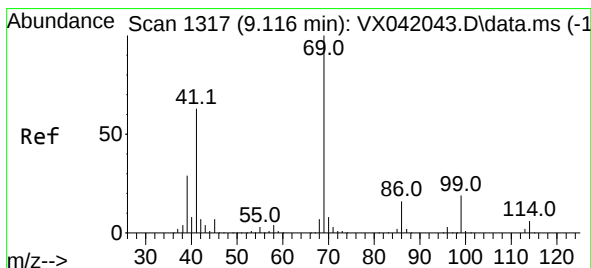
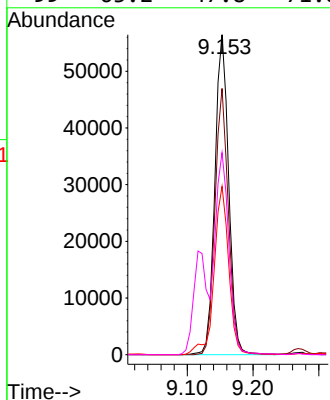
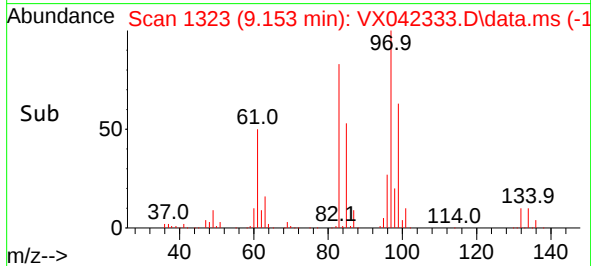
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



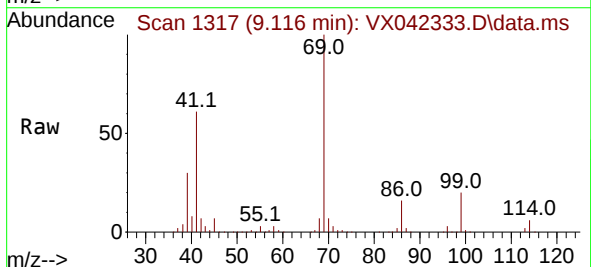
Tgt Ion: 97 Resp: 82583
Ion Ratio Lower Upper
97 100
83 83.2 65.8 98.8
85 52.6 41.6 62.4
99 63.2 47.8 71.8

Manual Integrations
APPROVED

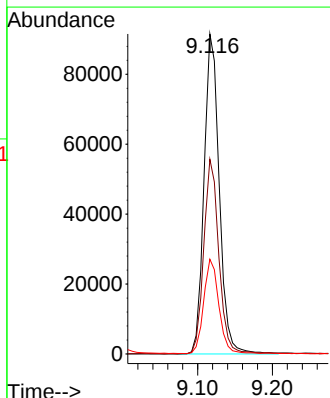
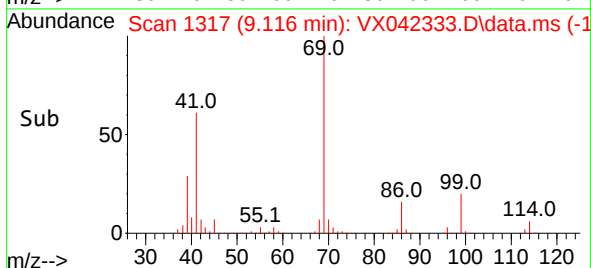
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

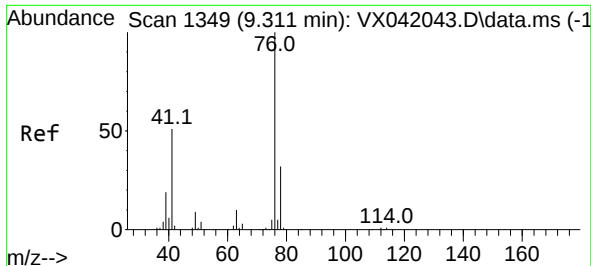


#56
Ethyl methacrylate
Concen: 56.756 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49



Tgt Ion: 69 Resp: 129349
Ion Ratio Lower Upper
69 100
41 60.8 56.8 85.2
39 29.7 32.0 48.0#





#57
1,3-Dichloropropane
Concen: 55.012 ug/l
RT: 9.311 min Scan# 11349
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

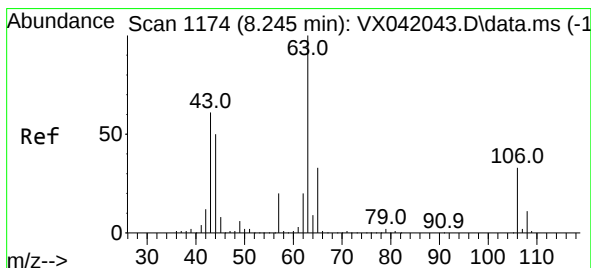
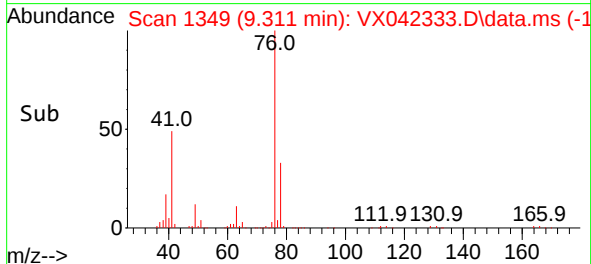
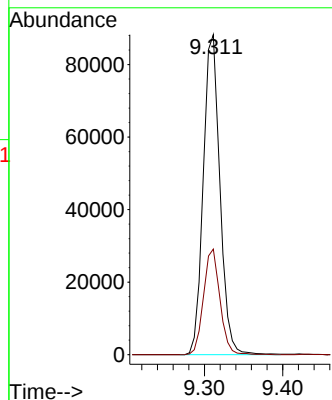
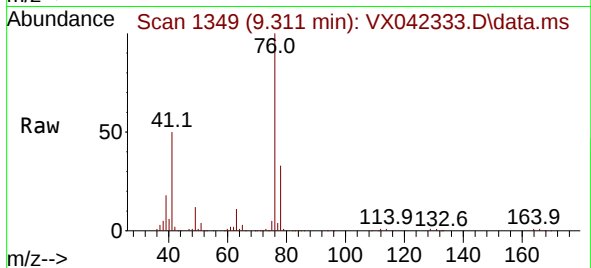
VSTDCCC050

Tgt Ion: 76 Resp: 13020
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations

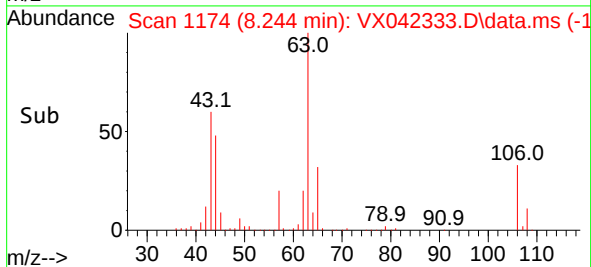
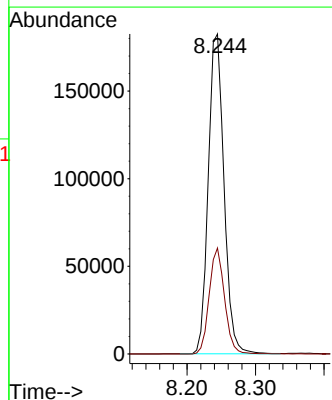
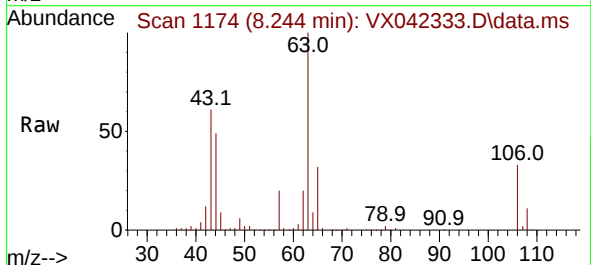
APPROVED

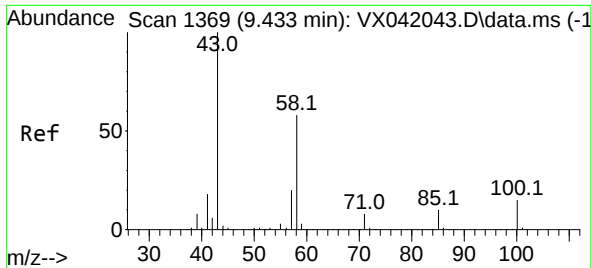
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#58
2-Chloroethyl Vinyl ether
Concen: 274.584 ug/l
RT: 8.244 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

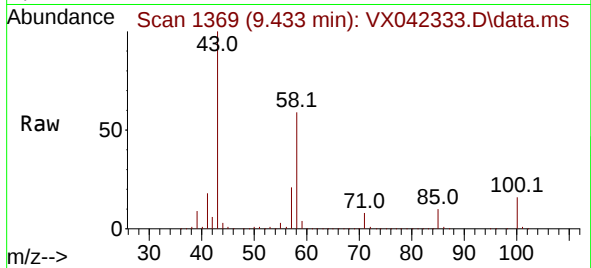
Tgt Ion: 63 Resp: 291622
Ion Ratio Lower Upper
63 100
106 32.3 22.5 33.7





#59
2-Hexanone
Concen: 278.580 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

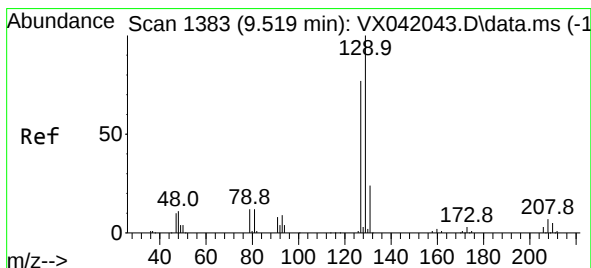
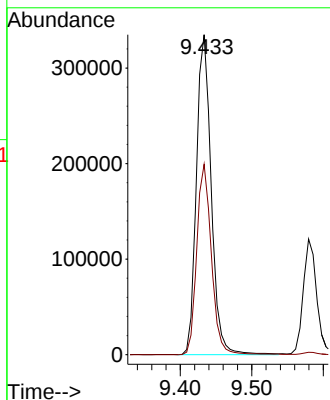
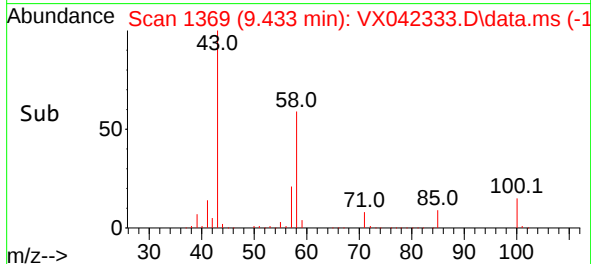
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



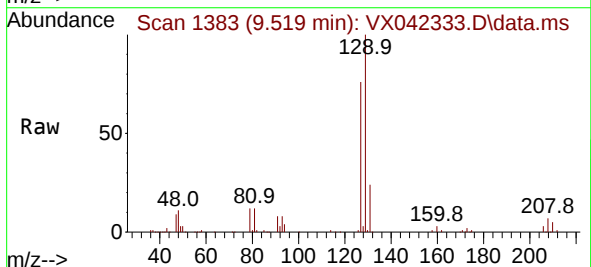
Tgt Ion: 43 Resp: 481197
Ion Ratio Lower Upper
43 100
58 59.0 26.2 78.5

Manual Integrations
APPROVED

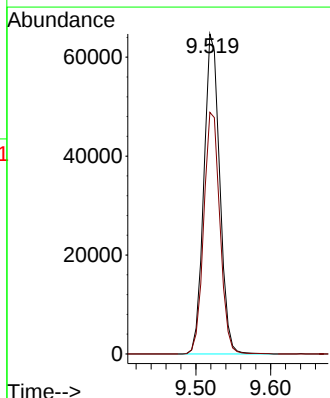
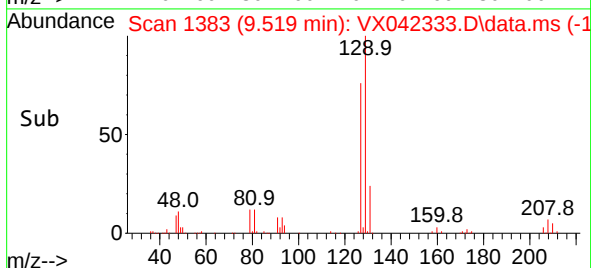
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

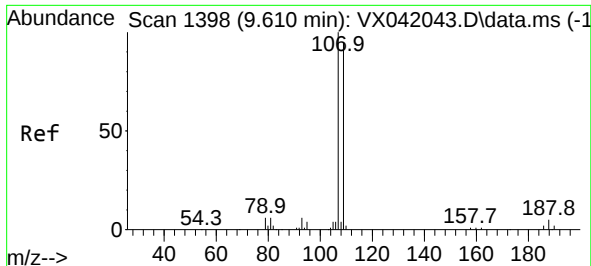


#60
Dibromochloromethane
Concen: 59.717 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49



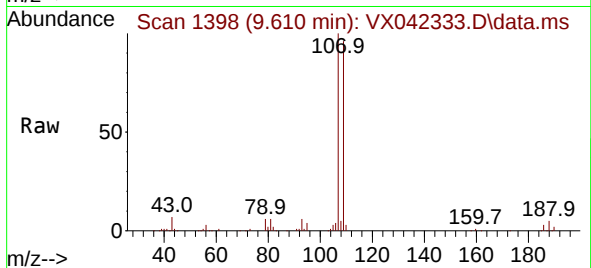
Tgt Ion:129 Resp: 95027
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 57.051 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

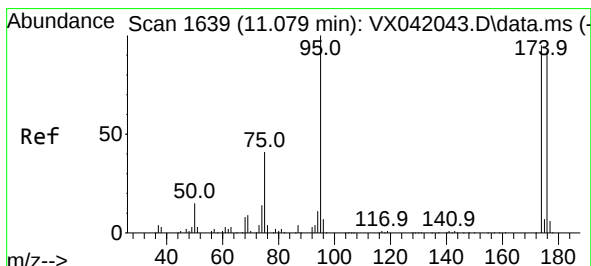
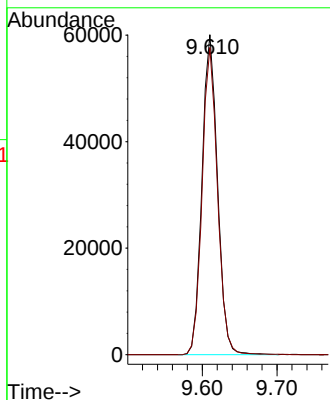
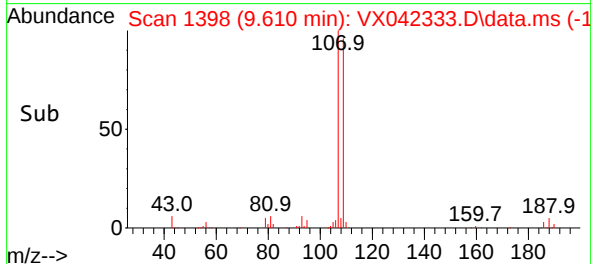
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



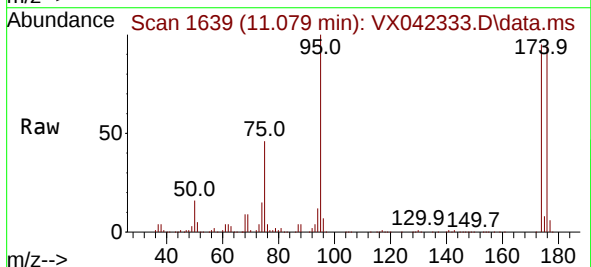
Tgt Ion:107 Resp: 86674
Ion Ratio Lower Upper
107 100
109 95.1 75.2 112.8

Manual Integrations
APPROVED

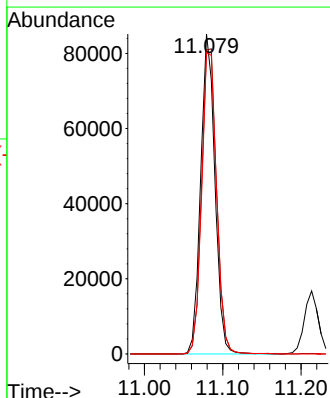
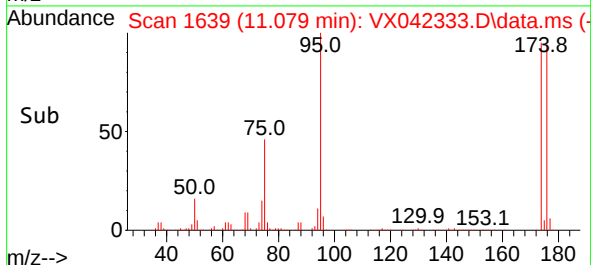
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

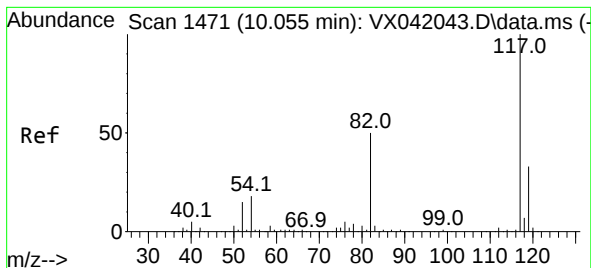


#62
4-Bromofluorobenzene
Concen: 53.747 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49



Tgt Ion: 95 Resp: 107322
Ion Ratio Lower Upper
95 100
174 100.6 0.0 135.6
176 98.8 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: VX042333.D

Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 198902

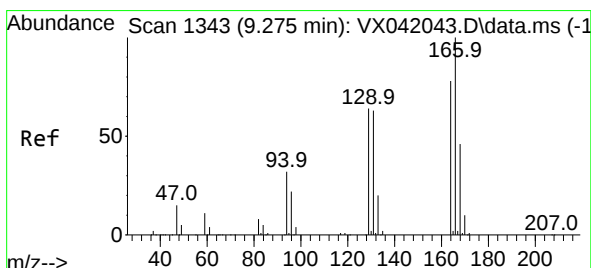
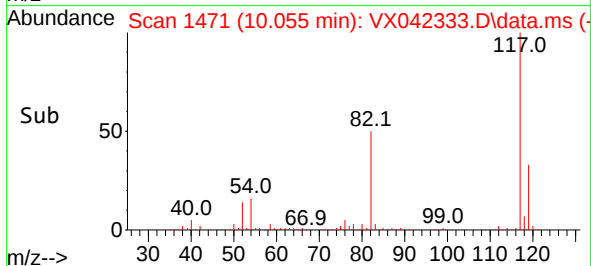
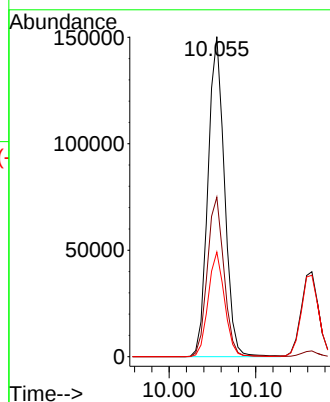
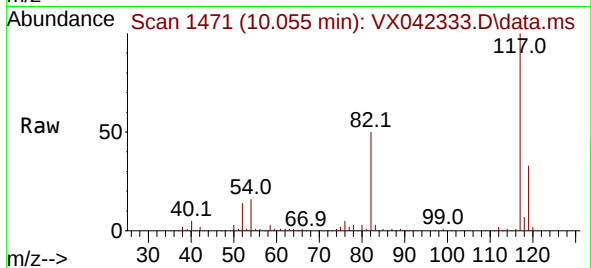
Ion	Ratio	Lower	Upper
117	100		
82	49.8	46.2	69.4
119	32.7	25.5	38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#64

Tetrachloroethene

Concen: 57.676 ug/l

RT: 9.275 min Scan# 1343

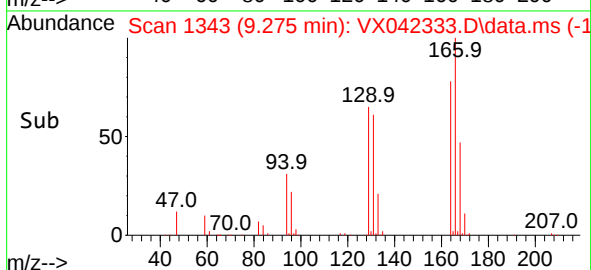
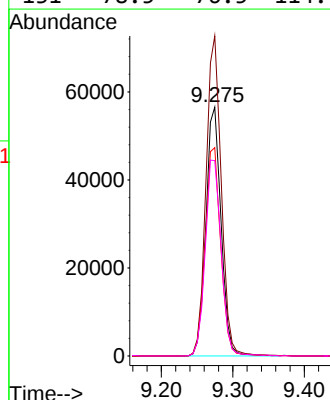
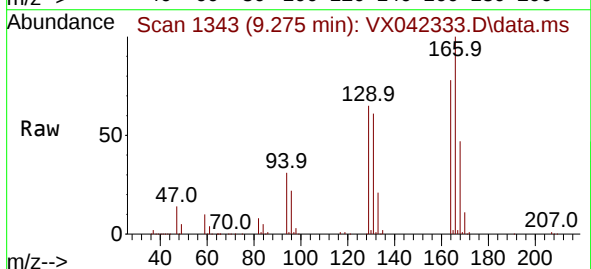
Delta R.T. 0.000 min

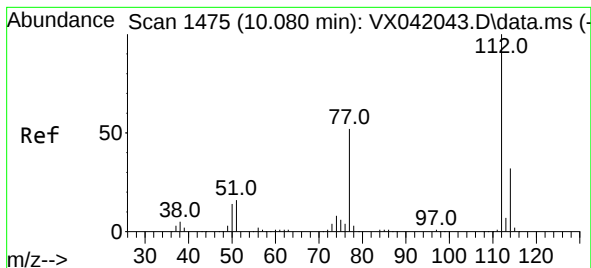
Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Tgt Ion:164 Resp: 83526

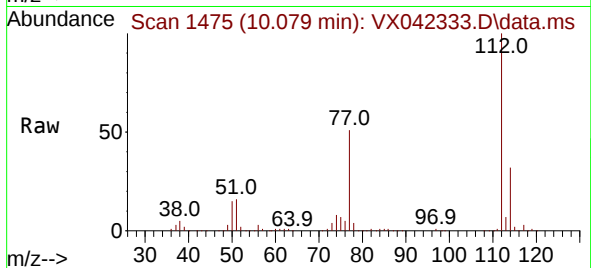
Ion	Ratio	Lower	Upper
164	100		
166	128.6	102.7	154.1
129	83.7	80.4	120.6
131	78.5	76.5	114.7





#65
Chlorobenzene
Concen: 55.820 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

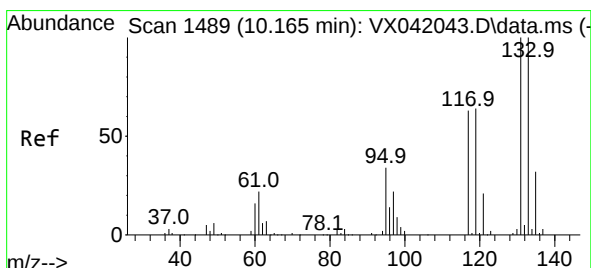
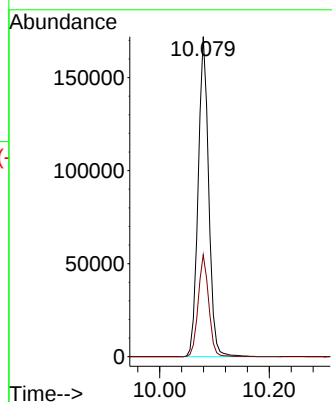
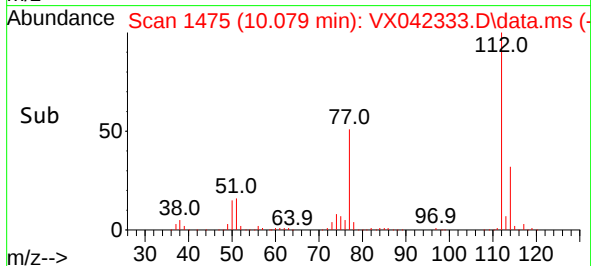
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



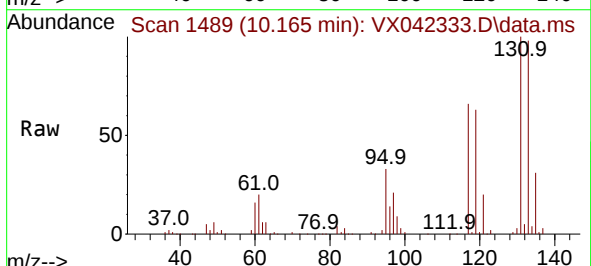
Tgt Ion:112 Resp: 230909
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5

Manual Integrations
APPROVED

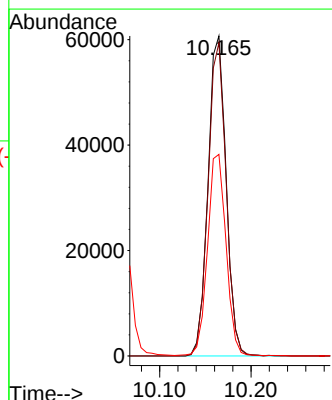
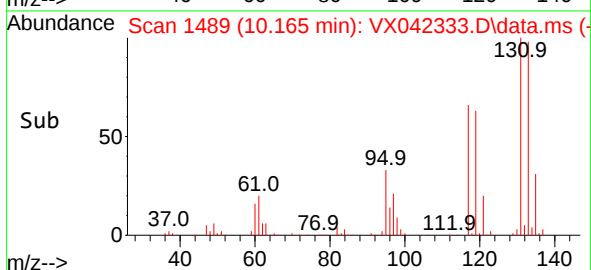
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

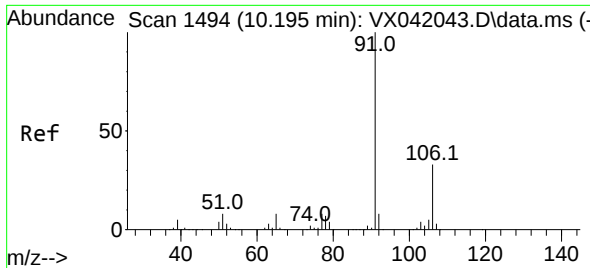


#66
1,1,1,2-Tetrachloroethane
Concen: 57.761 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49



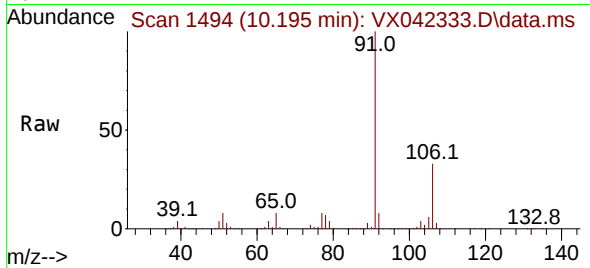
Tgt Ion:131 Resp: 83655
Ion Ratio Lower Upper
131 100
133 97.1 47.1 141.4
119 64.6 32.2 96.6





#67
Ethyl Benzene
Concen: 56.934 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

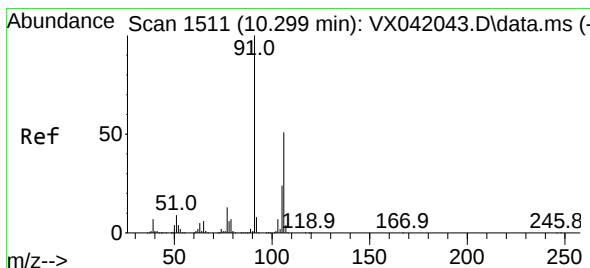
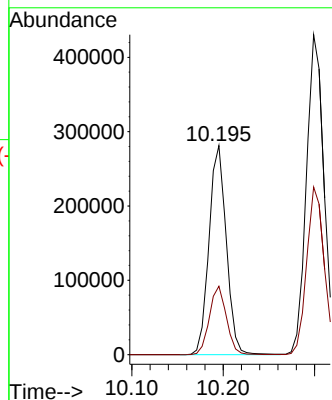
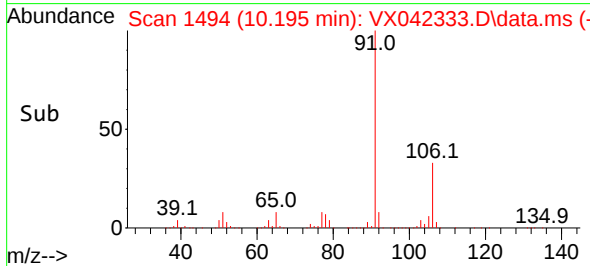
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



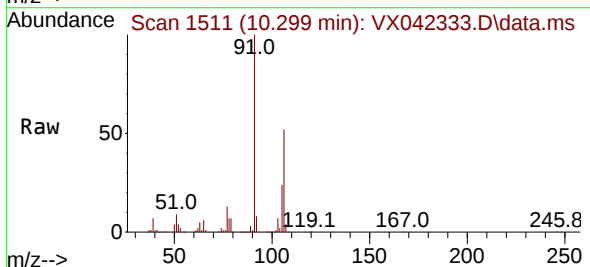
Tgt Ion: 91 Resp: 369095
Ion Ratio Lower Upper
91 100
106 32.8 24.9 37.3

Manual Integrations
APPROVED

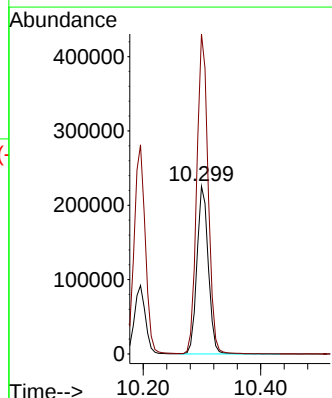
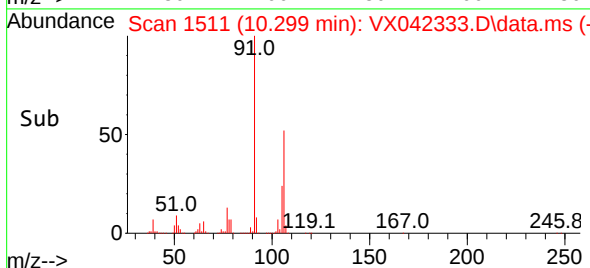
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

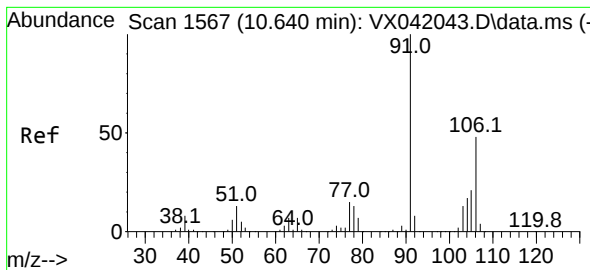


#68
m/p-Xylenes
Concen: 115.197 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49



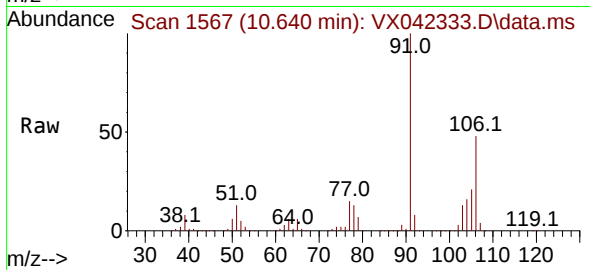
Tgt Ion:106 Resp: 301465
Ion Ratio Lower Upper
106 100
91 191.1 165.5 248.3





#69
o-Xylene
Concen: 57.450 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

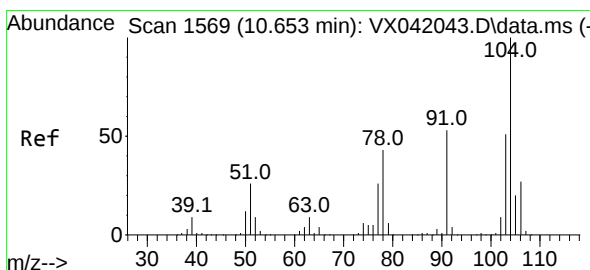
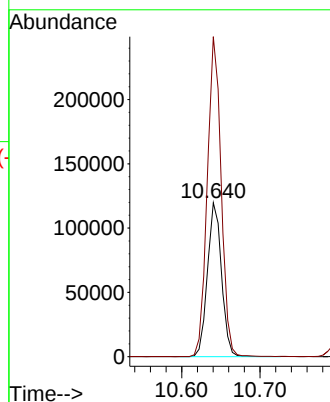
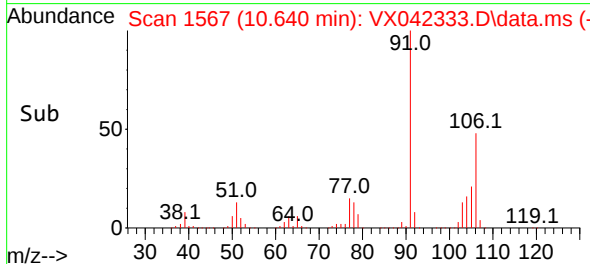
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



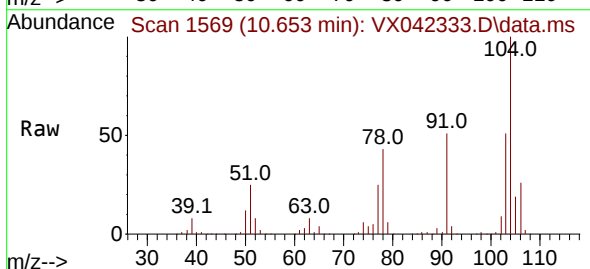
Tgt Ion:106 Resp: 148840
Ion Ratio Lower Upper
106 100
91 205.0 108.9 326.8

Manual Integrations
APPROVED

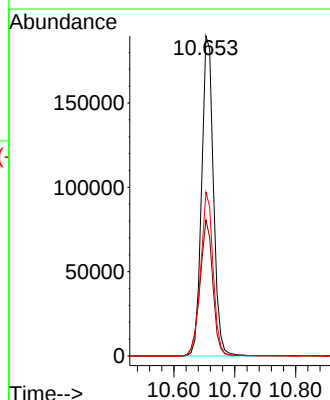
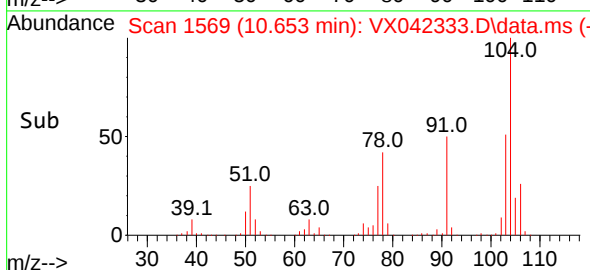
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

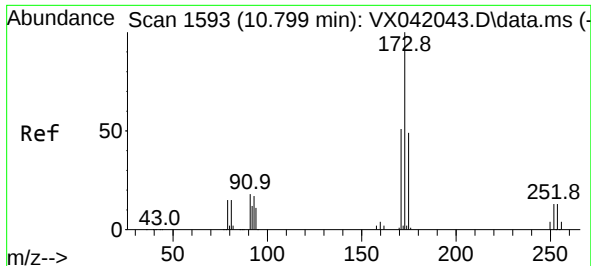


#70
Styrene
Concen: 59.103 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49



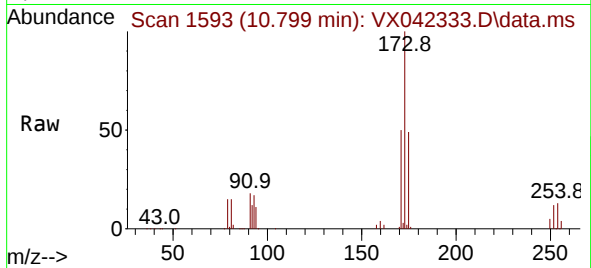
Tgt Ion:104 Resp: 256780
Ion Ratio Lower Upper
104 100
78 45.9 43.6 65.4
103 54.2 43.6 65.4





#71
Bromoform
Concen: 56.730 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

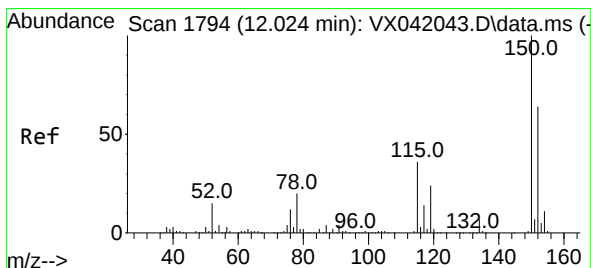
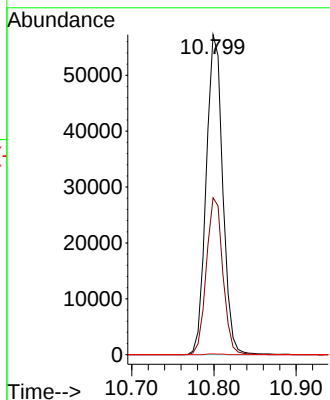
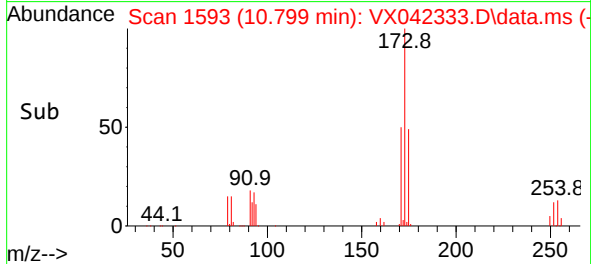
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 7990
Ion Ratio Lower Upper
173 100
175 48.9 24.1 72.4
254 0.2 0.0 0.0

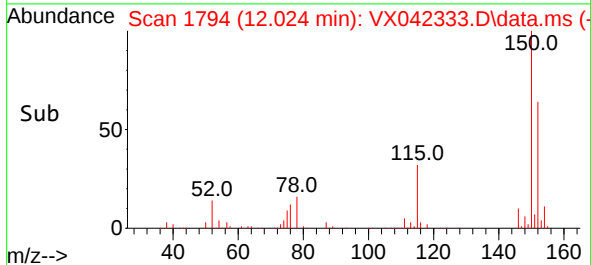
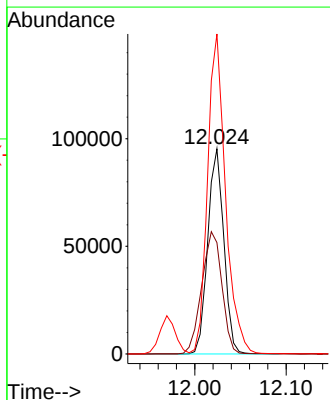
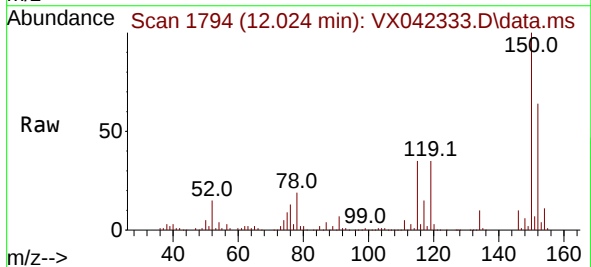
Manual Integrations
APPROVED

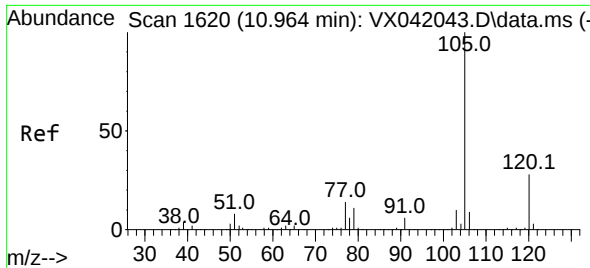
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

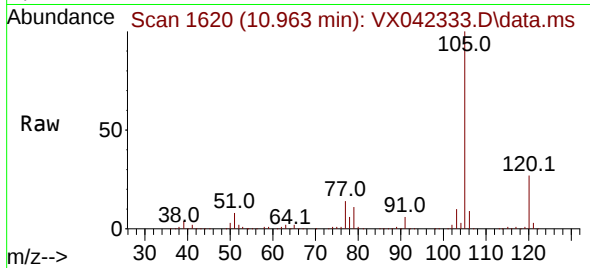
Tgt Ion:152 Resp: 116103
Ion Ratio Lower Upper
152 100
115 75.3 43.3 129.9
150 174.5 0.0 345.0





#73
Isopropylbenzene
Concen: 54.723 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

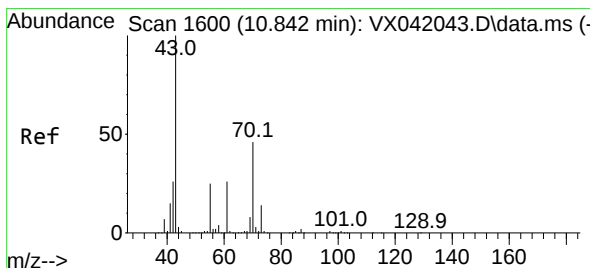
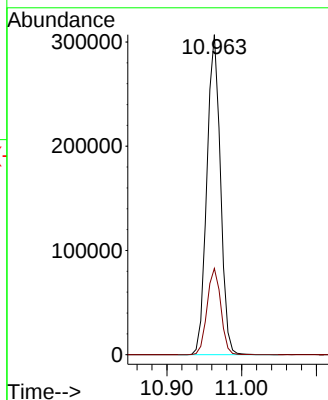
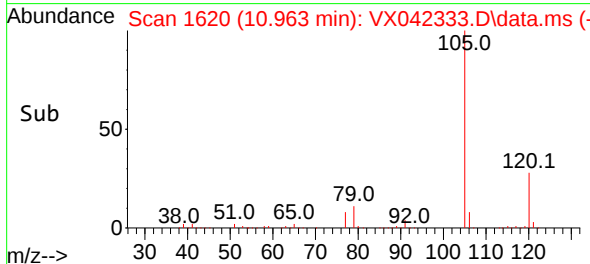
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



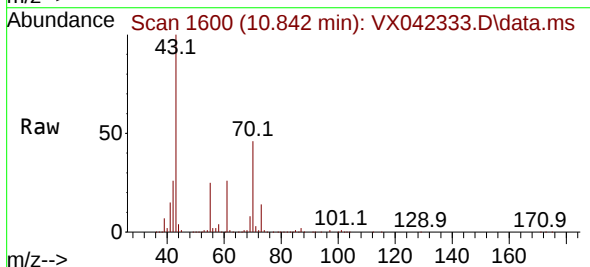
Tgt Ion:105 Resp: 386315
Ion Ratio Lower Upper
105 100
120 27.3 12.9 38.6

Manual Integrations
APPROVED

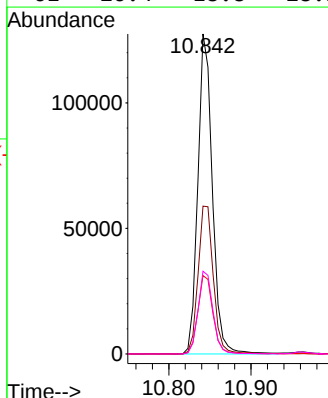
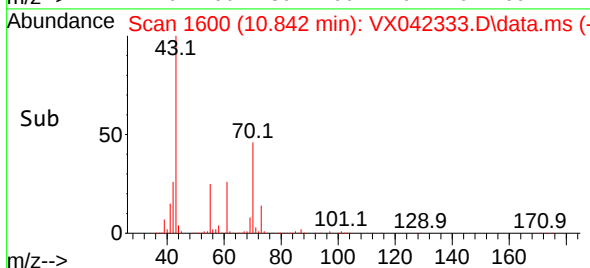
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024

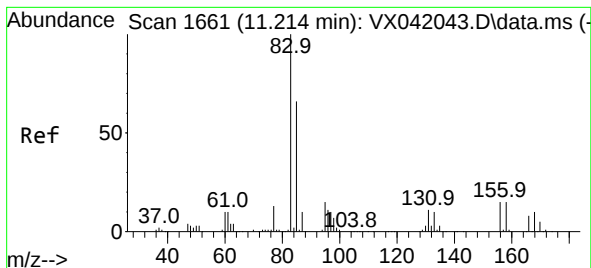


#74
N-ethyl acetate
Concen: 49.867 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49



Tgt Ion: 43 Resp: 156373
Ion Ratio Lower Upper
43 100
70 48.8 32.9 49.3
55 25.6 19.3 28.9
61 26.4 18.8 28.2





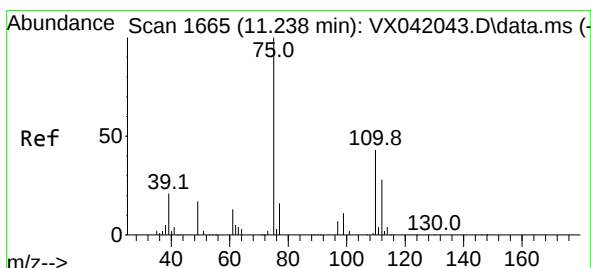
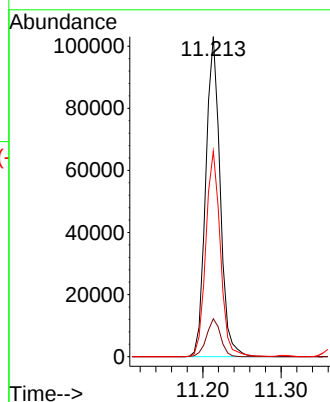
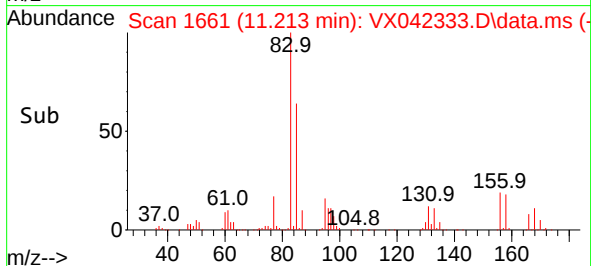
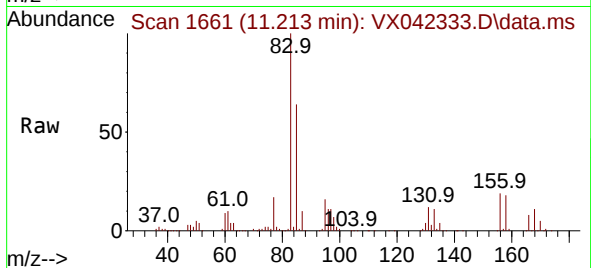
#75
1,1,2,2-Tetrachloroethane
Concen: 50.003 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 13125
Ion Ratio Lower Upper
83 100
131 11.6 5.3 15.8
85 64.7 32.0 96.2

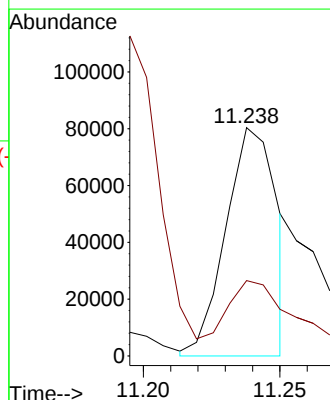
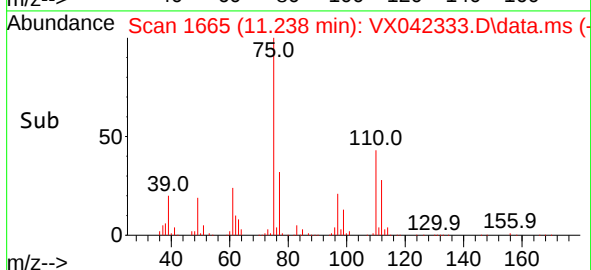
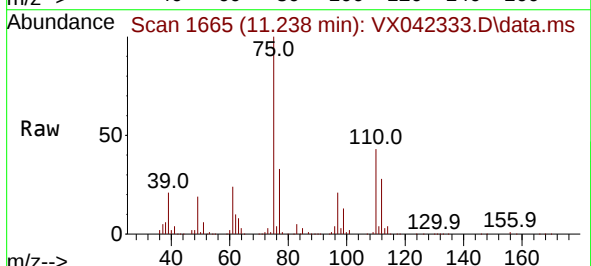
Manual Integrations
APPROVED

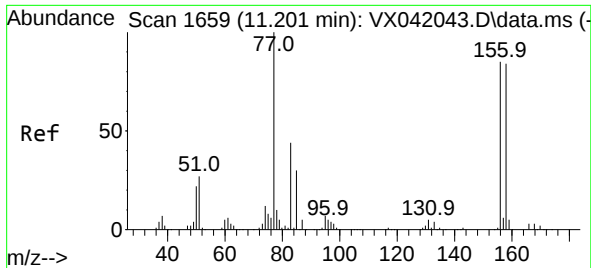
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#76
1,2,3-Trichloropropane
Concen: 49.520 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion: 75 Resp: 104374
Ion Ratio Lower Upper
75 100
77 45.7 19.1 57.5





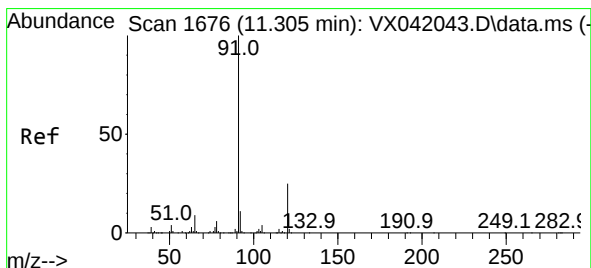
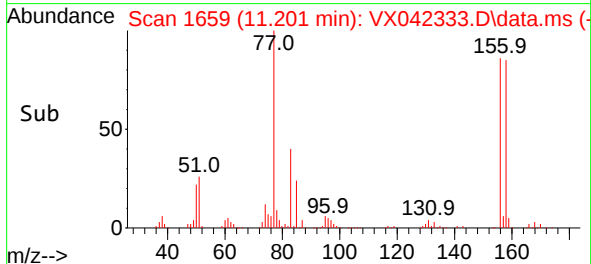
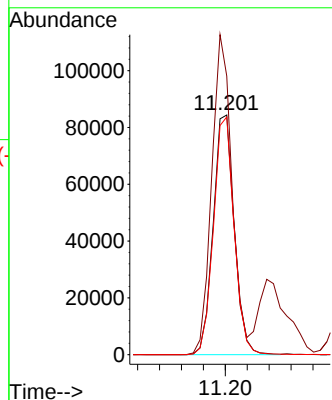
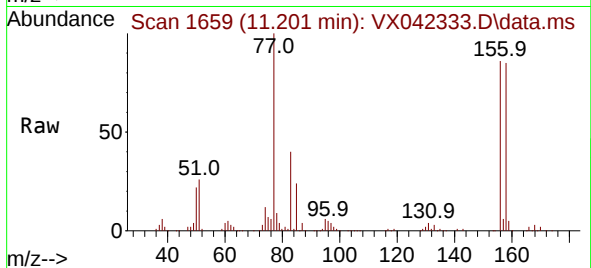
#77
Bromobenzene
Concen: 53.518 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 11252
Ion Ratio Lower Upper
156 100
77 127.2 88.4 265.3
158 97.6 48.0 144.0

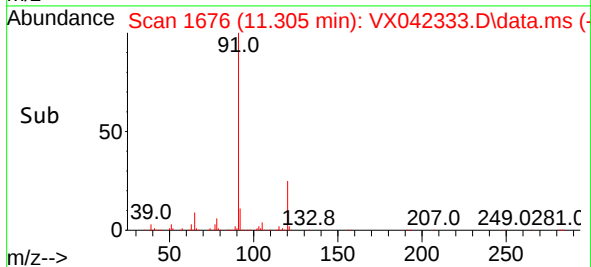
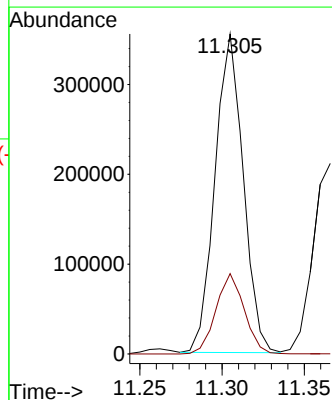
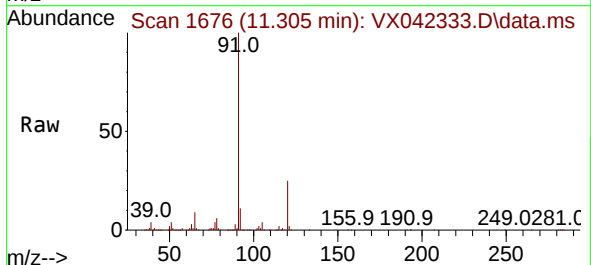
Manual Integrations
APPROVED

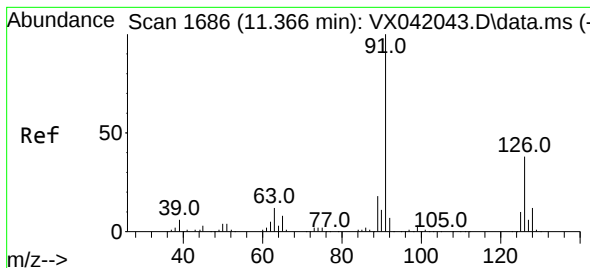
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#78
n-propylbenzene
Concen: 55.221 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion: 91 Resp: 422979
Ion Ratio Lower Upper
91 100
120 25.3 11.5 34.4





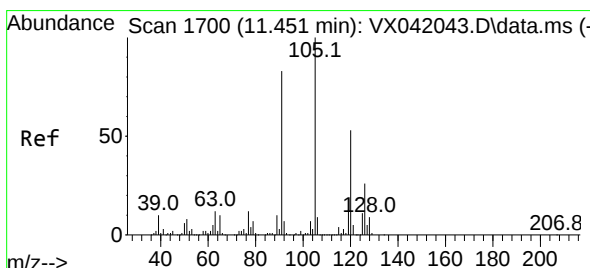
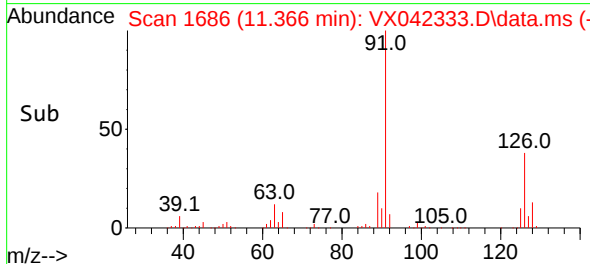
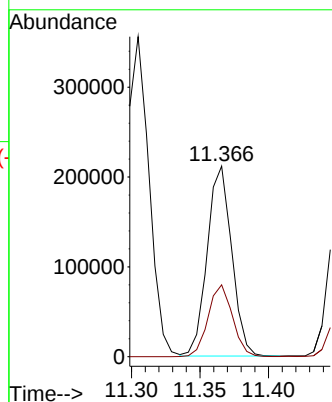
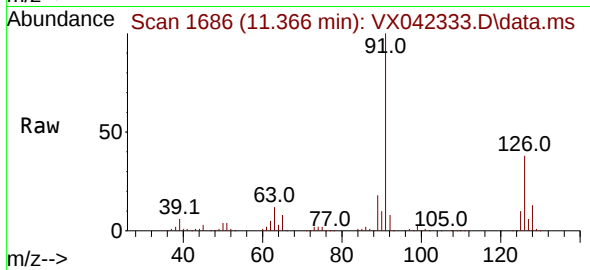
#79
2-Chlorotoluene
Concen: 53.290 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 262990
Ion Ratio Lower Upper
91 100
126 37.7 16.3 48.8

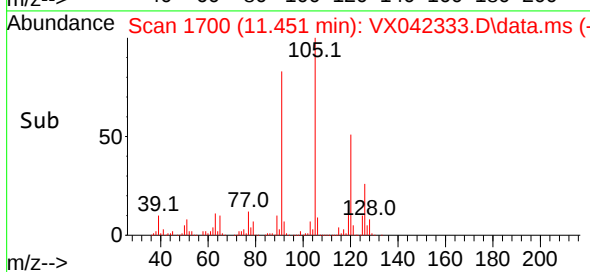
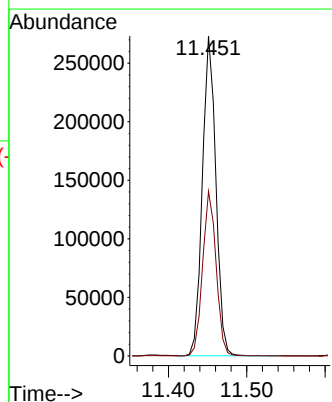
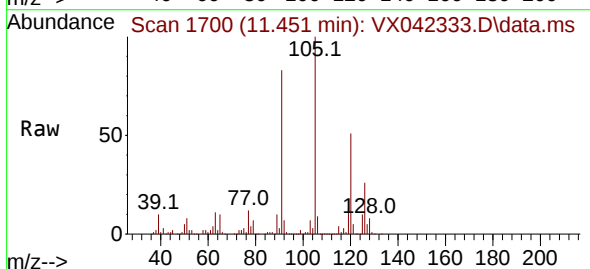
Manual Integrations
APPROVED

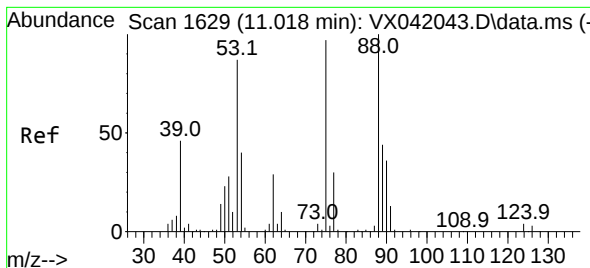
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#80
1,3,5-Trimethylbenzene
Concen: 55.515 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion:105 Resp: 326430
Ion Ratio Lower Upper
105 100
120 51.7 24.1 72.3





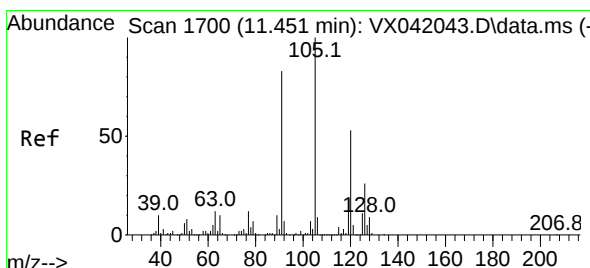
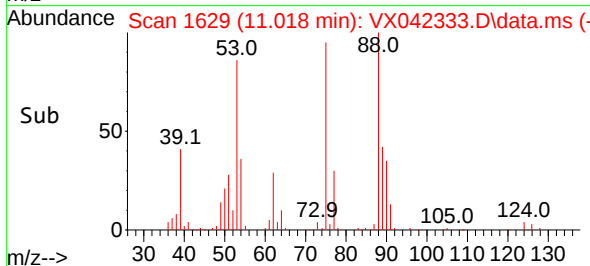
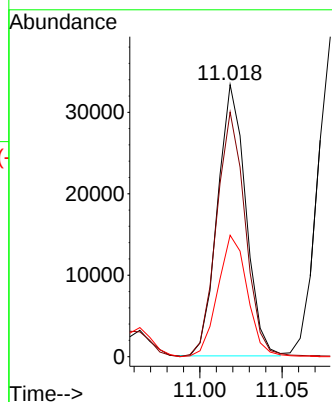
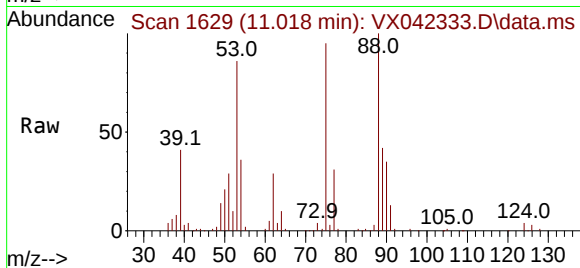
#81
trans-1,4-Dichloro-2-butene
Concen: 53.655 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 3982
Ion Ratio Lower Upper
75 100
53 92.1 90.5 135.7
89 46.9 36.9 55.3

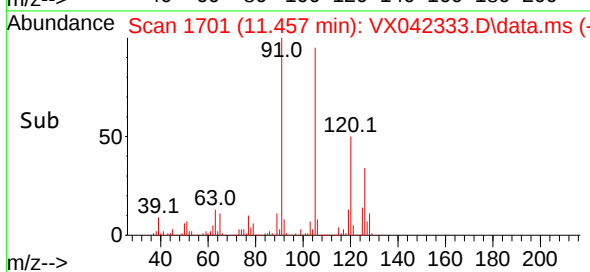
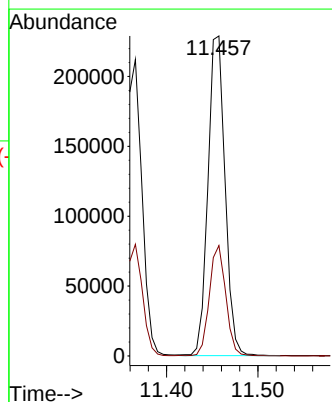
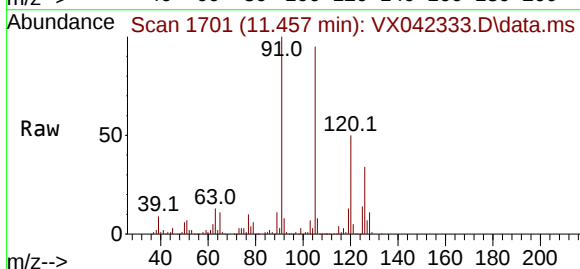
Manual Integrations
APPROVED

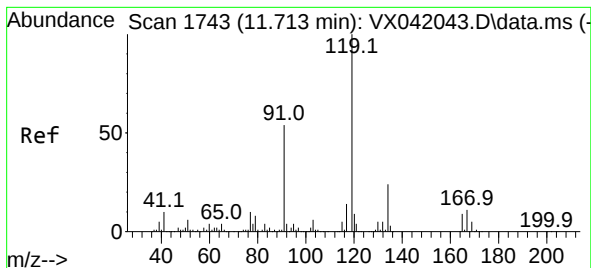
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#82
4-Chlorotoluene
Concen: 54.611 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion: 91 Resp: 297930
Ion Ratio Lower Upper
91 100
126 33.3 14.2 42.6





#83

tert-Butylbenzene

Concen: 55.013 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 354940

Ion Ratio Lower Upper

119 100

91 51.4 31.2 93.6

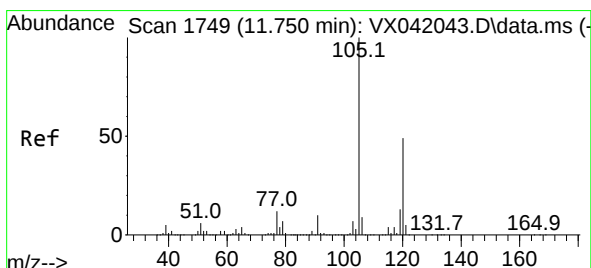
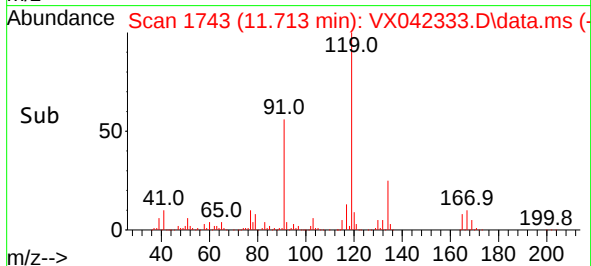
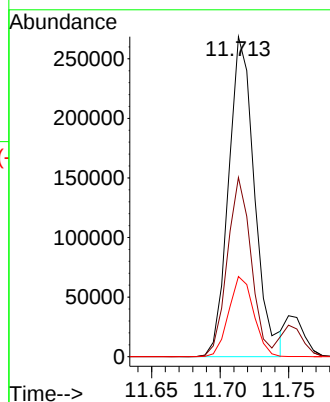
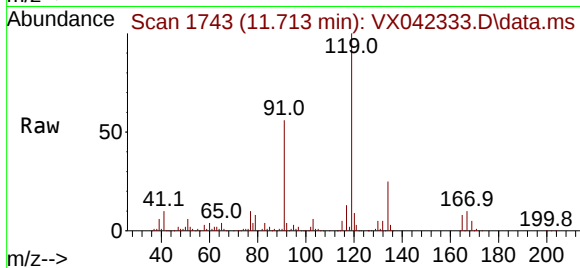
134 24.2 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#84

1,2,4-Trimethylbenzene

Concen: 56.109 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042333.D

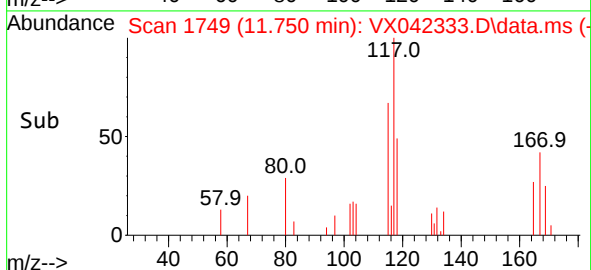
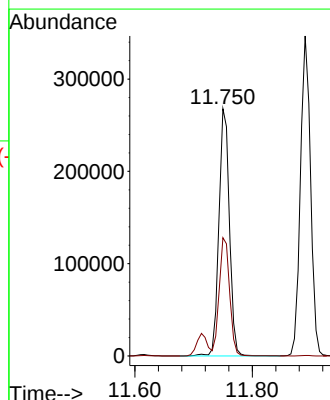
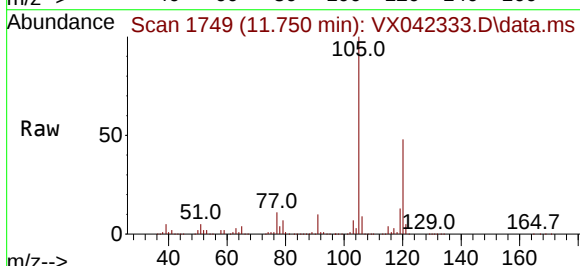
Acq: 16 Jul 2024 09:49

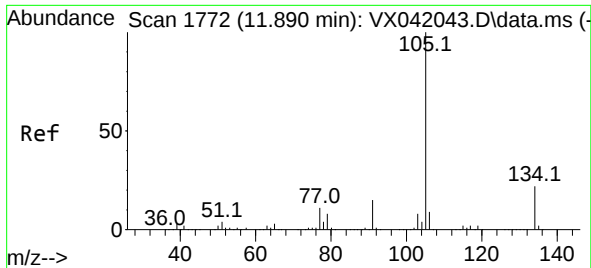
Tgt Ion:105 Resp: 331000

Ion Ratio Lower Upper

105 100

120 47.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 56.816 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX042333.D
 Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

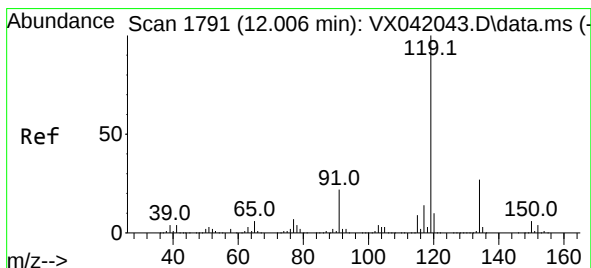
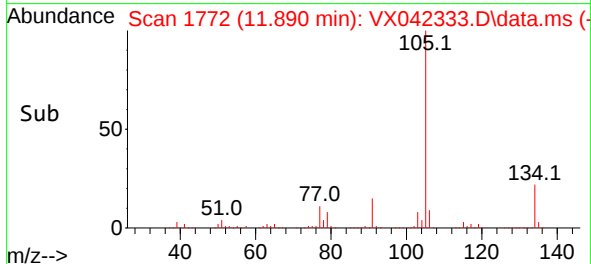
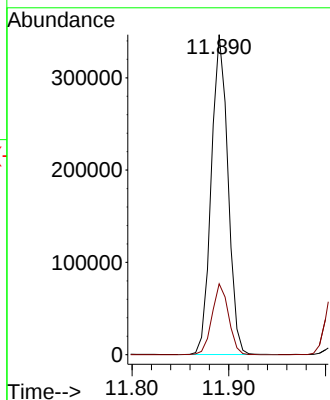
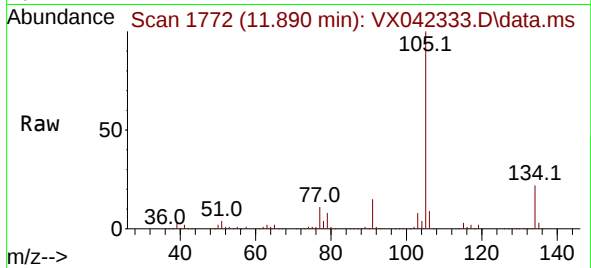
Tgt Ion:105 Resp: 414630
 Ion Ratio Lower Upper
 105 100
 134 22.0 9.8 29.4

Manual Integrations

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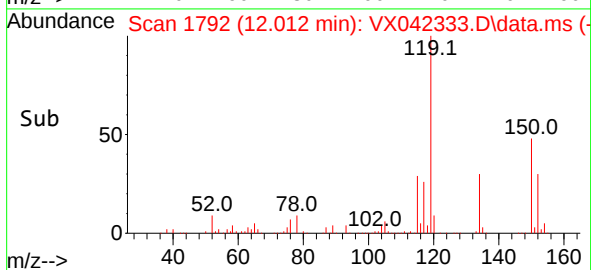
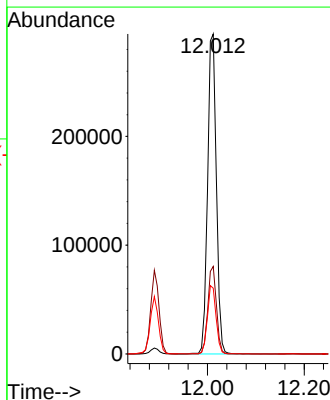
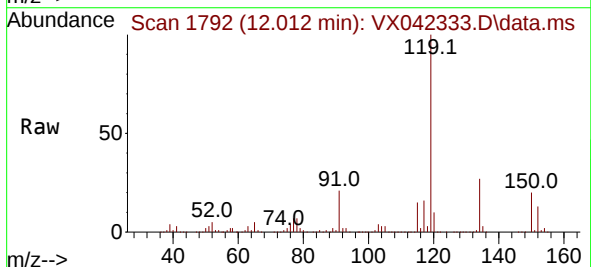
Reviewed By :John Carlone 07/17/2024

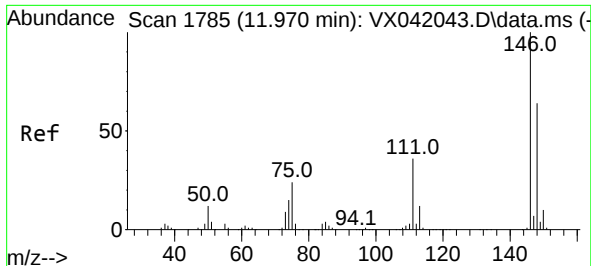
Supervised By :Mahesh Dadoda 07/17/2024



#86
 p-Isopropyltoluene
 Concen: 58.102 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX042333.D
 Acq: 16 Jul 2024 09:49

Tgt Ion:119 Resp: 370391
 Ion Ratio Lower Upper
 119 100
 134 26.9 12.8 38.3
 91 21.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 54.977 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 203172

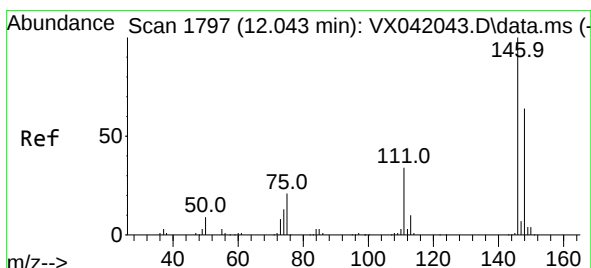
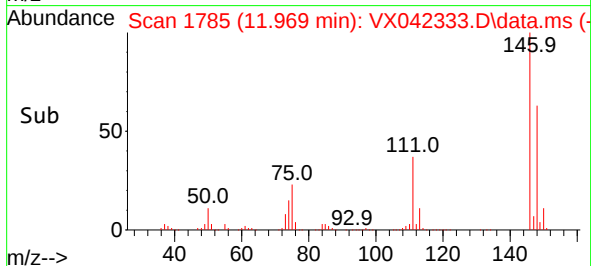
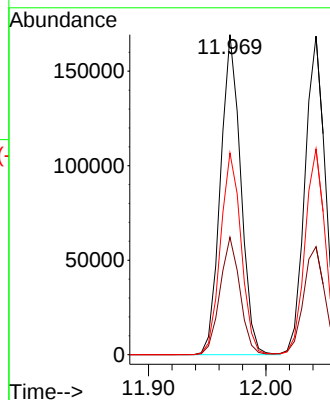
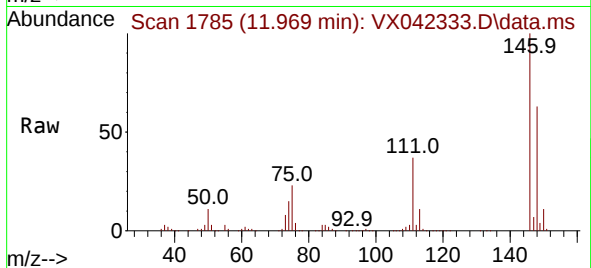
Ion	Ratio	Lower	Upper
146	100		
111	36.2	22.1	66.1
148	64.2	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#88

1,4-Dichlorobenzene

Concen: 53.592 ug/l

RT: 12.043 min Scan# 1797

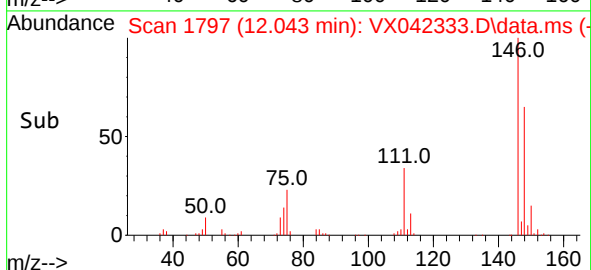
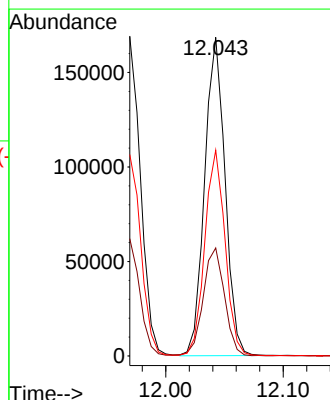
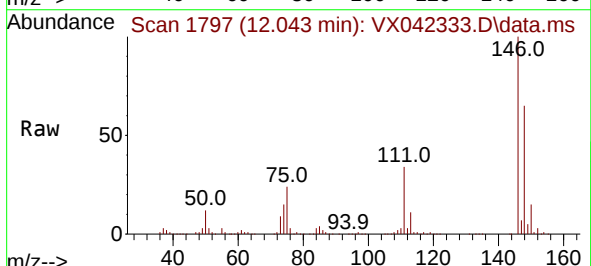
Delta R.T. 0.000 min

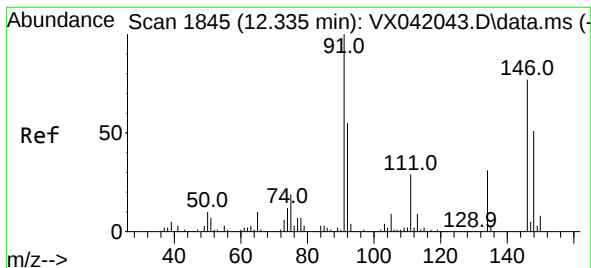
Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Tgt Ion:146 Resp: 203210

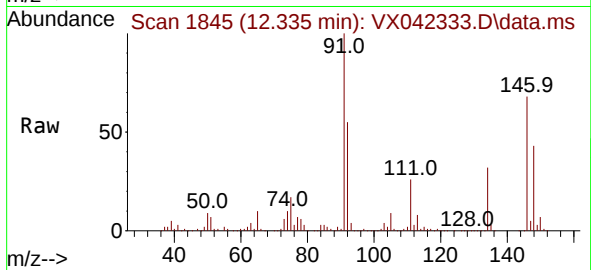
Ion	Ratio	Lower	Upper
146	100		
111	35.5	21.3	63.7
148	64.9	31.8	95.4





#89
n-Butylbenzene
Concen: 58.523 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

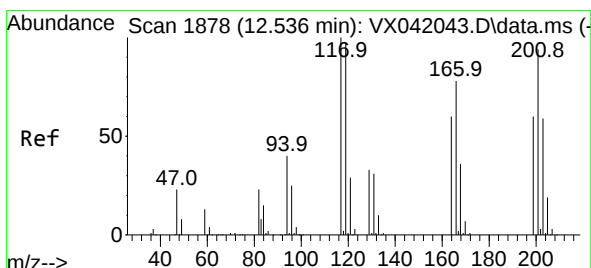
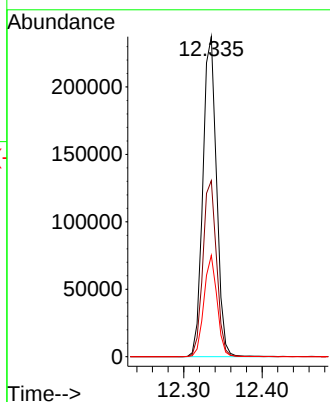
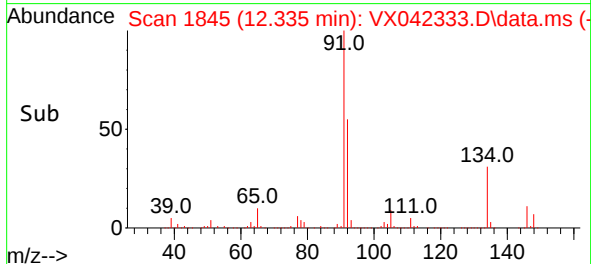
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 28718
Ion Ratio Lower Upper
91 100
92 55.1 27.4 82.0
134 30.4 12.6 37.8

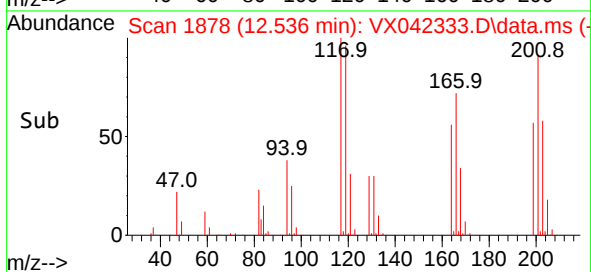
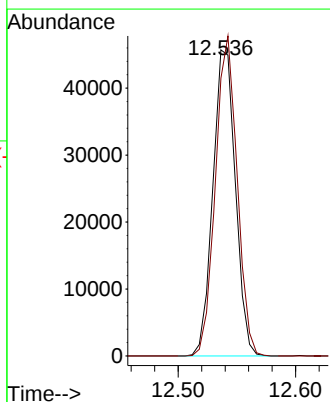
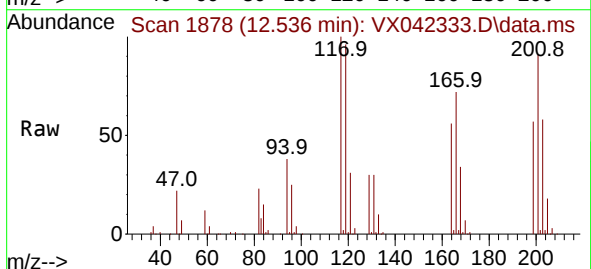
Manual Integrations
APPROVED

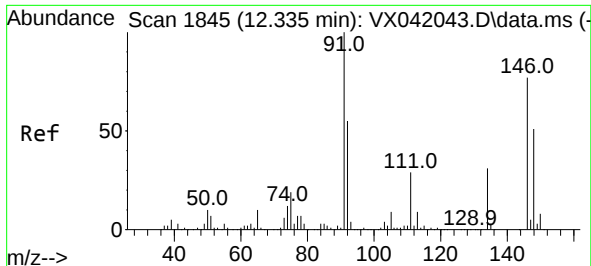
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#90
Hexachloroethane
Concen: 56.248 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

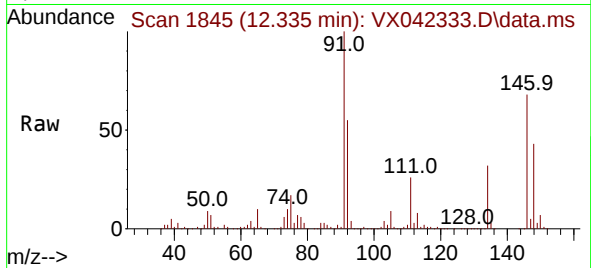
Tgt Ion:117 Resp: 61047
Ion Ratio Lower Upper
117 100
201 100.6 32.9 98.6#





#91
1,2-Dichlorobenzene
Concen: 53.806 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

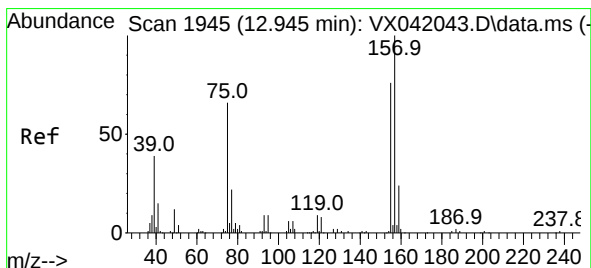
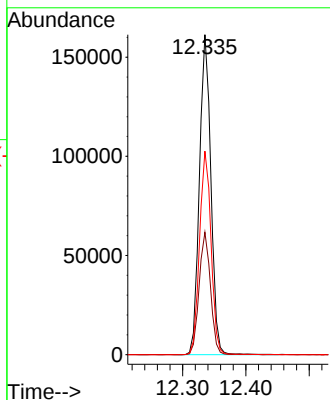
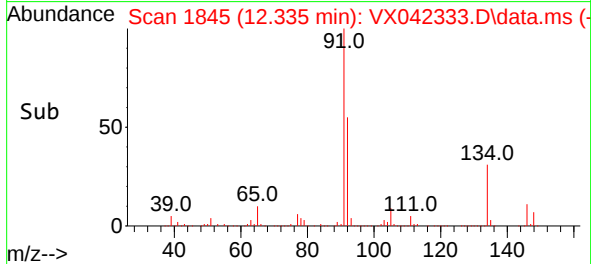
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 20347
Ion Ratio Lower Upper
146 100
111 38.0 22.4 67.0
148 64.0 31.6 95.0

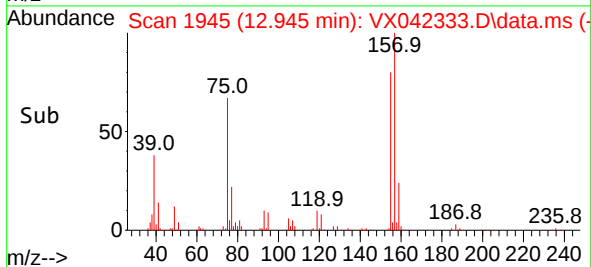
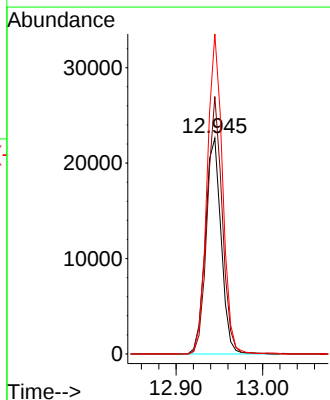
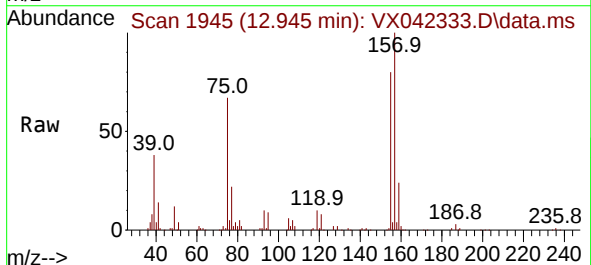
Manual Integrations
APPROVED

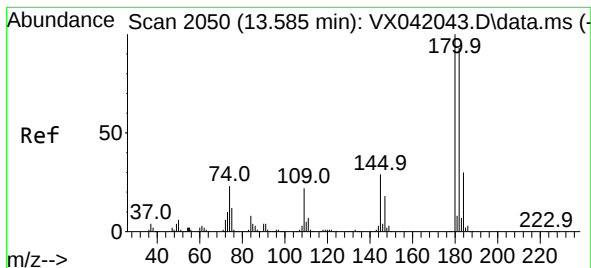
Reviewed By :John Carlone 07/17/2024
Supervised By :Mahesh Dadoda 07/17/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.971 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX042333.D
Acq: 16 Jul 2024 09:49

Tgt Ion: 75 Resp: 28595
Ion Ratio Lower Upper
75 100
155 112.5 36.1 108.5#
157 144.5 44.9 134.7#





#93

1,2,4-Trichlorobenzene

Concen: 58.023 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

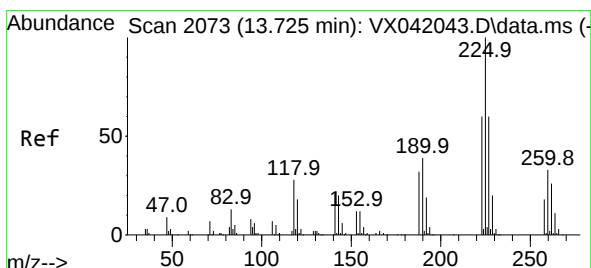
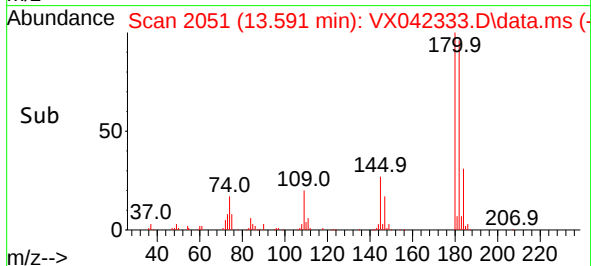
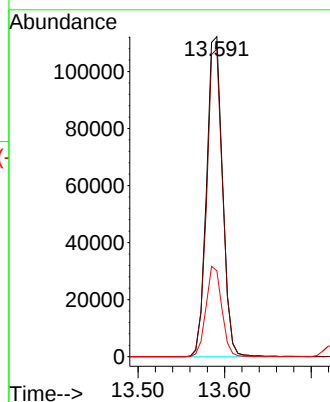
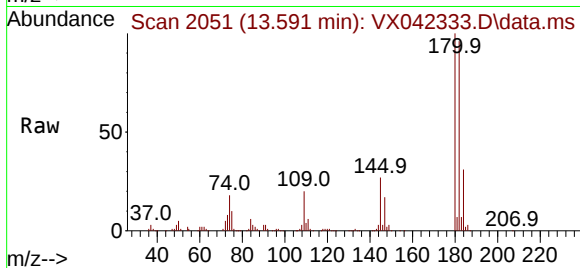
Tgt Ion:180	Resp: 14373
Ion Ratio	Lower Upper
180	100
182	96.2 48.3 144.8
145	27.9 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#94

Hexachlorobutadiene

Concen: 59.758 ug/l

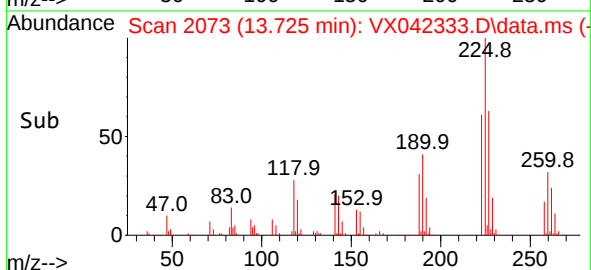
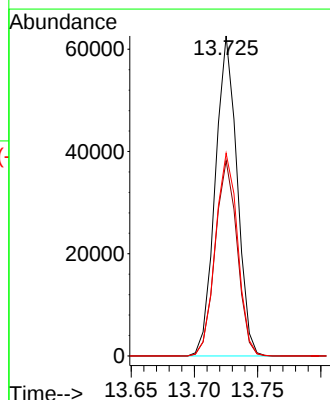
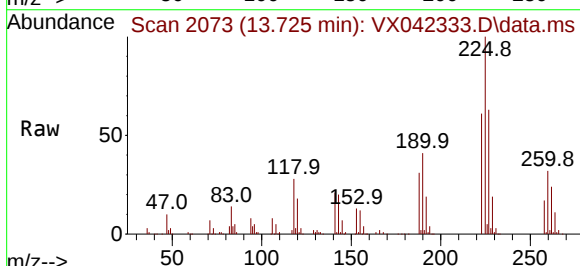
RT: 13.725 min Scan# 2073

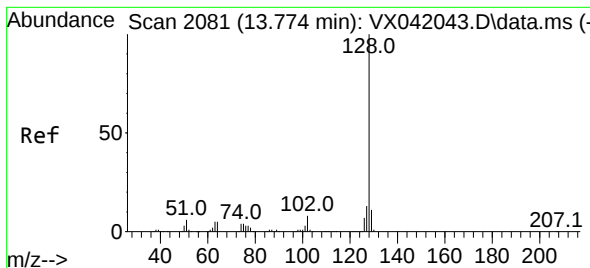
Delta R.T. 0.000 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Tgt Ion:225	Resp: 74857
Ion Ratio	Lower Upper
225	100
223	61.5 31.1 93.2
227	64.8 32.5 97.5





#95

Naphthalene

Concen: 52.168 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 434528

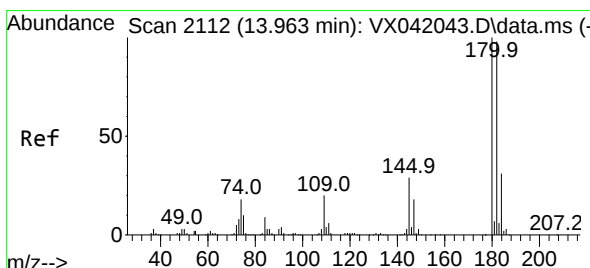
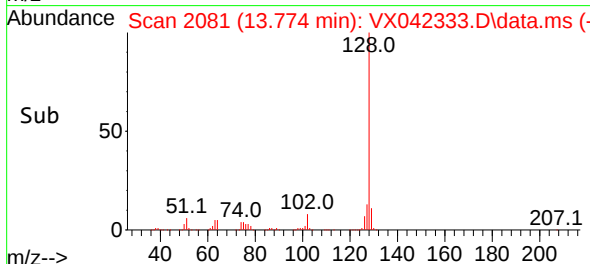
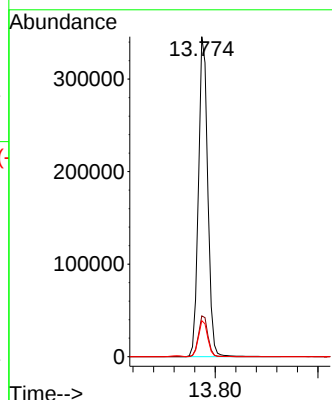
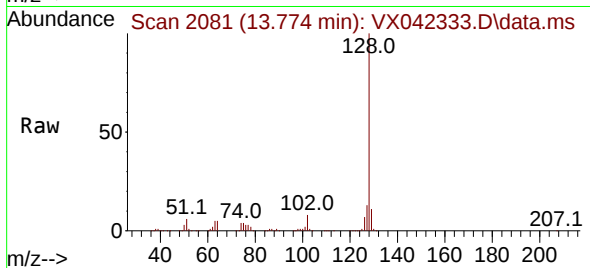
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.2	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2024

Supervised By :Mahesh Dadoda 07/17/2024



#96

1,2,3-Trichlorobenzene

Concen: 56.692 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX042333.D

Acq: 16 Jul 2024 09:49

Tgt Ion:180 Resp: 148119

Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.9	140.6
145	29.3	17.8	53.5

