

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029250.D
 Acq On : 06 Jun 2022 19:51
 Operator : JC/MD
 Sample : N3189-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20220428-SPLP-AMENDED-COMPOSITE-H

Quant Time: Jun 07 06:06:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

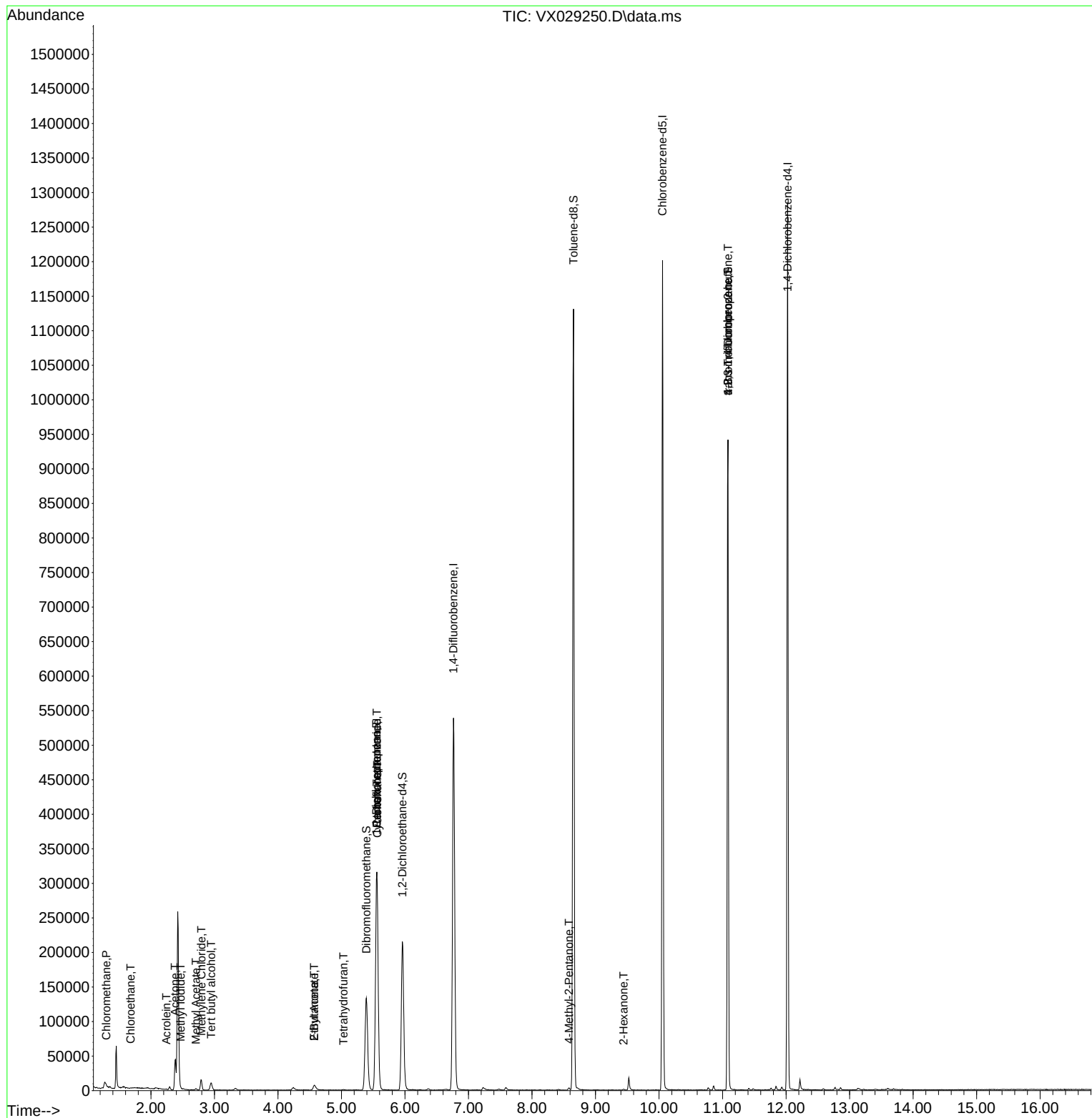
Internal Standards						
1) Pentafluorobenzene	5.556	168	295593	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	566566	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	550471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207731	62.321	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 124.640%	
35) Dibromofluoromethane	5.391	113	119859	31.850	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 63.700%#	
50) Toluene-d8	8.653	98	673346	48.922	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.840%	
62) 4-Bromofluorobenzene	11.085	95	271904	51.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	641	0.238	ug/l	# 80
5) Bromomethane	1.617	94	646	Below Cal		95
6) Chloroethane	1.678	64	316	1.523	ug/l	# 43
10) Methyl Iodide	2.465	142	384	4.332	ug/l	# 54
11) Tert butyl alcohol	2.946	59	6214	8.048	ug/l	# 72
13) Acrolein	2.239	56	845	2.415	ug/l	# 76
16) Acetone	2.380	43	46630	35.526	ug/l	95
18) Methyl Acetate	2.709	43	2409	0.710	ug/l	92
20) Methylene Chloride	2.794	84	6691	2.186	ug/l	95
25) 2-Butanone	4.568	43	9367	4.424	ug/l	92
29) Tetrahydrofuran	5.031	42	564	0.415	ug/l	# 68
31) Cyclohexane	5.562	56	5704	1.316	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	23739	4.903	ug/l	# 50
37) Ethyl Acetate	4.568	43	9367	1.996	ug/l	# 65
38) Carbon Tetrachloride	5.556	117	31732	5.734	ug/l	# 17
44) Trichloroethene	7.135	130	108	Below Cal		98
51) 4-Methyl-2-Pentanone	8.580	43	2093	0.429	ug/l	88
59) 2-Hexanone	9.439	43	1000	0.263	ug/l	71
76) 1,2,3-Trichloropropane	11.085	75	133043	25.379	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	133043	74.458	ug/l	# 15

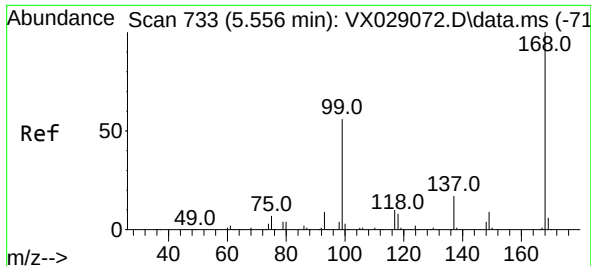
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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20220428-SLP-AMENDED-COMPOSITE-H

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
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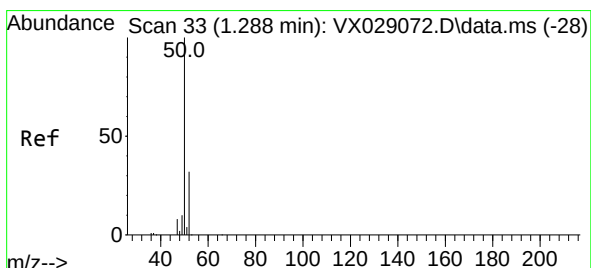
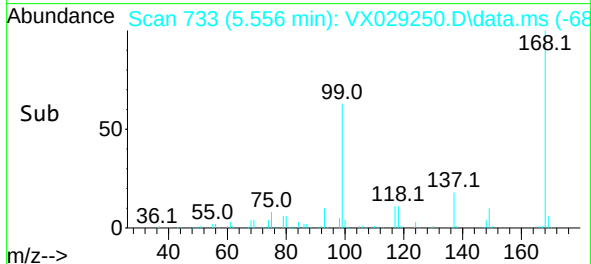
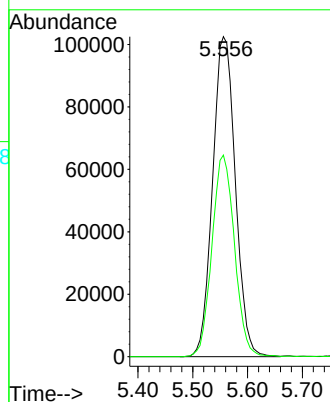
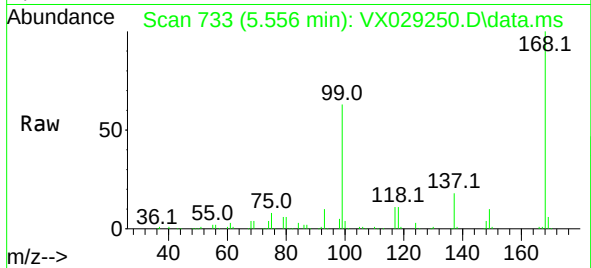




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

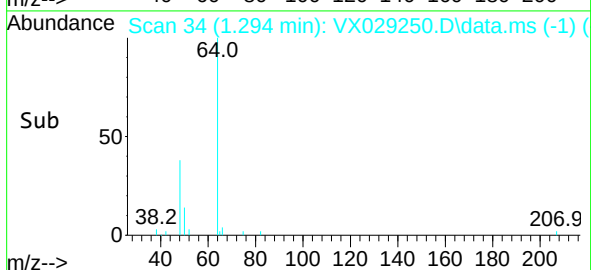
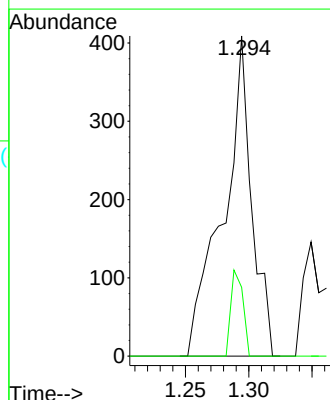
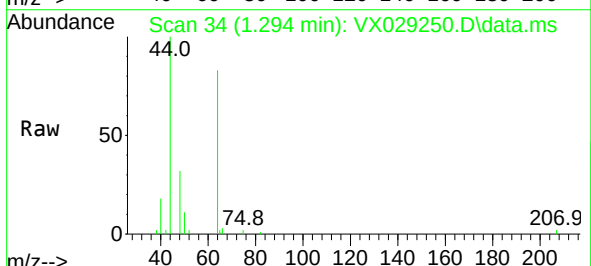
Instrument : MSVOA_X
ClientSampleId : 20220428-SPLP-AMENDED-COMPOSITE-H

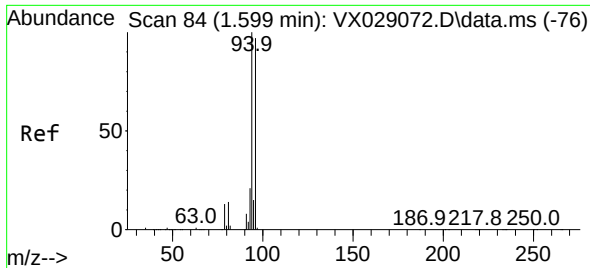
Tgt Ion:168 Resp: 295593
Ion Ratio Lower Upper
168 100
99 63.0 41.7 62.5#



#3
Chloromethane
Concen: 0.238 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion: 50 Resp: 641
Ion Ratio Lower Upper
50 100
52 21.5 26.4 39.6#

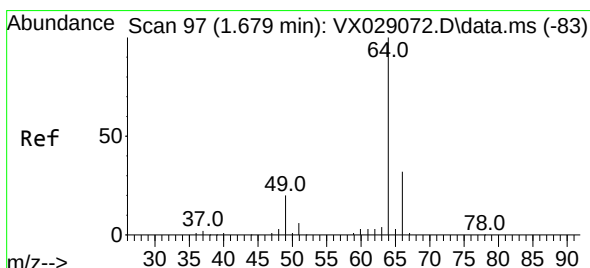
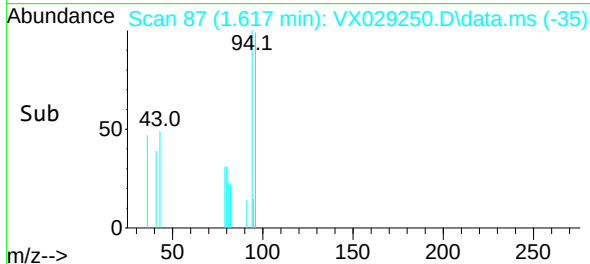
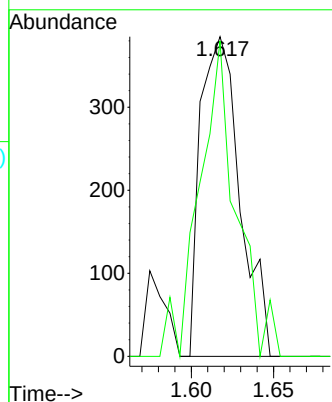
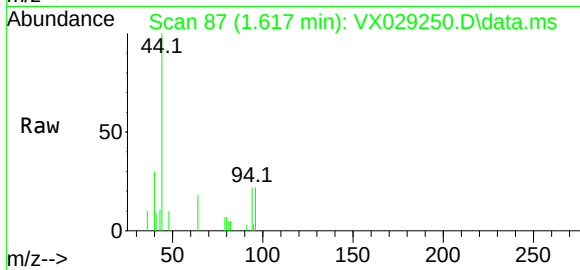




#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 81
Delta R.T. 0.018 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

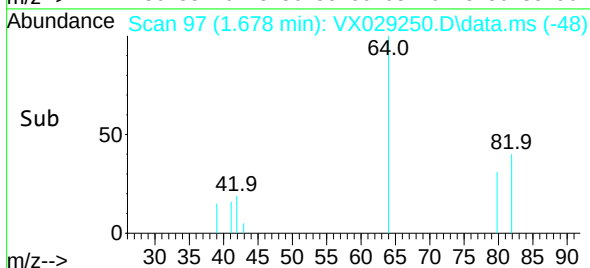
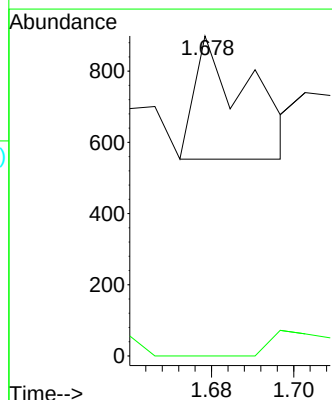
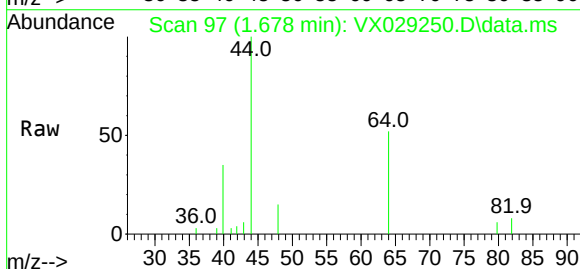
Instrument :
MSVOA_X
ClientSampleId :
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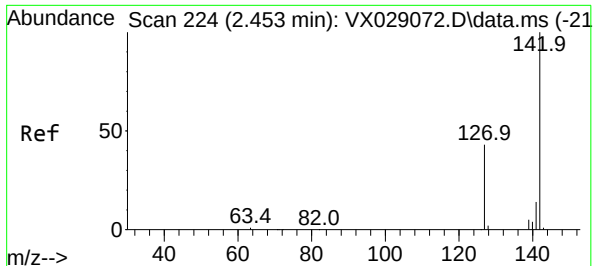
Tgt Ion: 94 Resp: 646
Ion Ratio Lower Upper
94 100
96 98.7 75.3 112.9



#6
Chloroethane
Concen: 1.523 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.001 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion: 64 Resp: 316
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

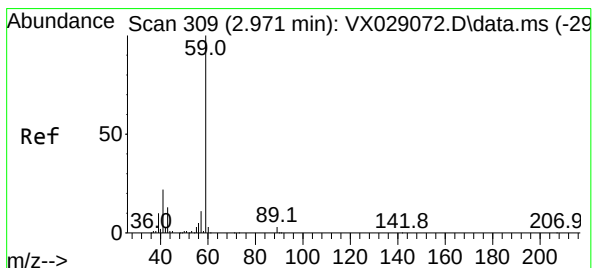
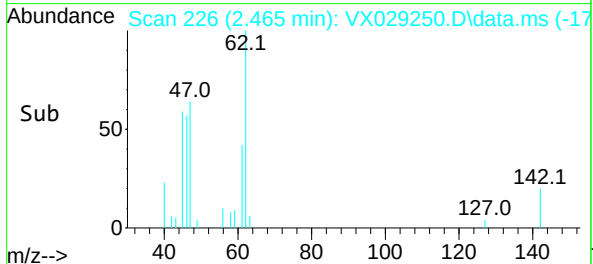
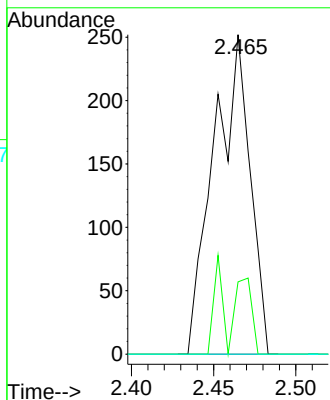
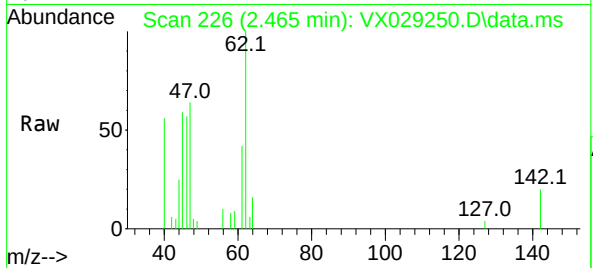




#10
Methyl Iodide
Concen: 4.332 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

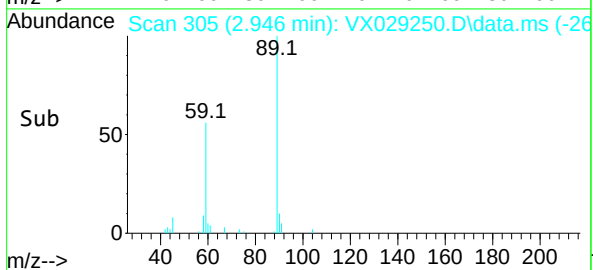
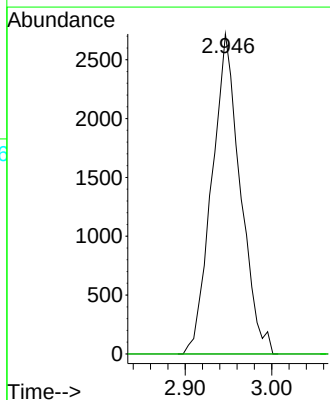
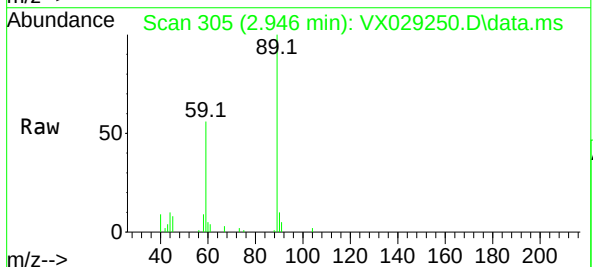
Instrument : MSVOA_X
ClientSampleId : 20220428-SPLP-AMENDED-COMPOSITE-H

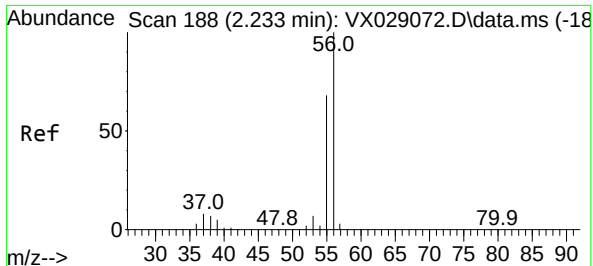
Tgt Ion:142 Resp: 384
Ion Ratio Lower Upper
142 100
127 11.2 33.9 50.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 8.048 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.025 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion: 59 Resp: 6214
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

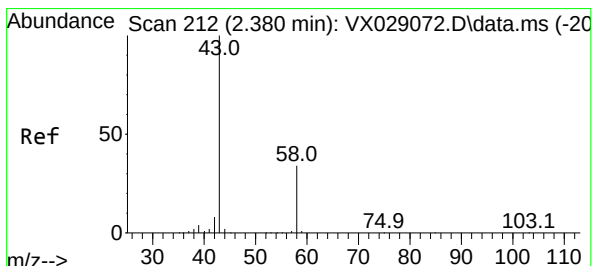
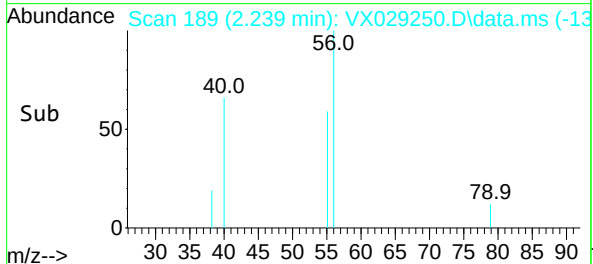
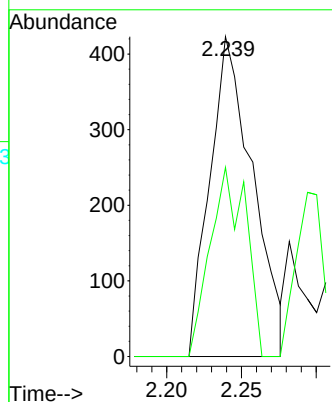
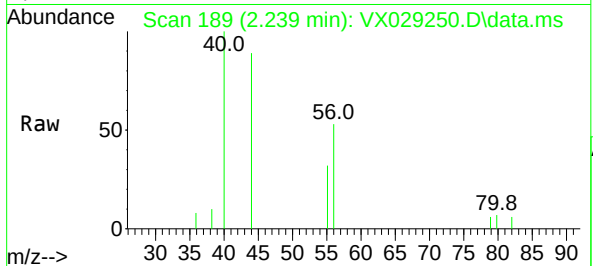




#13
Acrolein
Concen: 2.415 ug/l
RT: 2.239 min Scan# 188
Delta R.T. 0.006 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

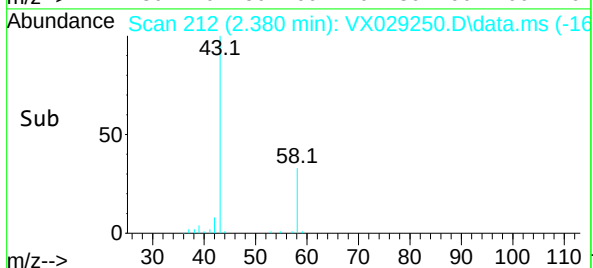
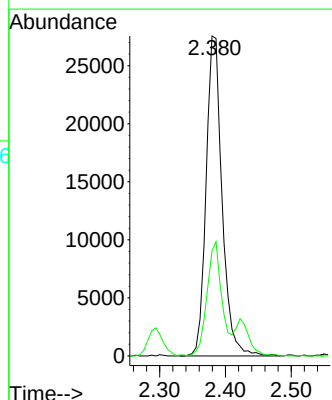
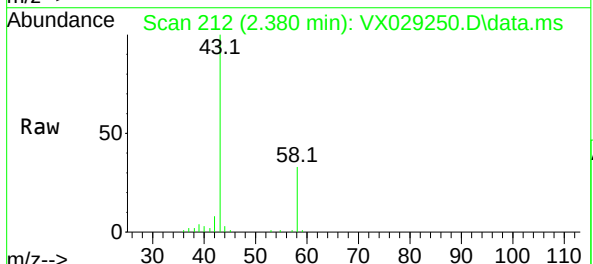
Instrument : MSVOA_X
ClientSampleId : 20220428-SPLP-AMENDED-COMPOSITE-H

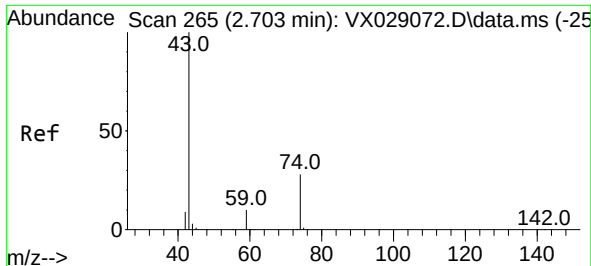
Tgt Ion: 56 Resp: 845
Ion Ratio Lower Upper
56 100
55 49.2 55.0 82.6#



#16
Acetone
Concen: 35.526 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion: 43 Resp: 46630
Ion Ratio Lower Upper
43 100
58 32.9 28.8 43.2

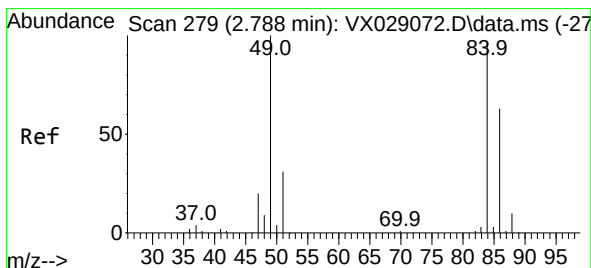
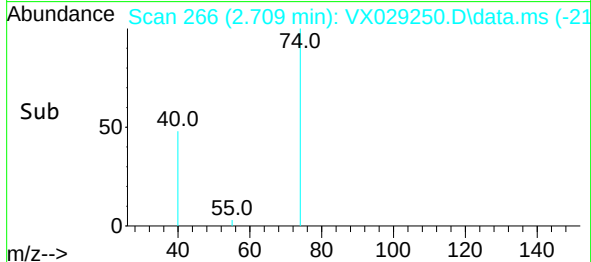
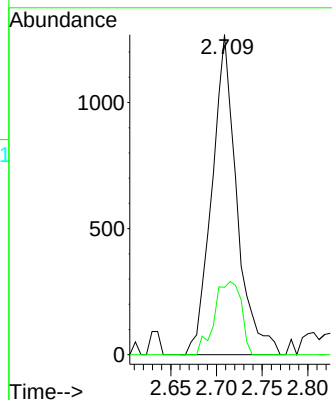
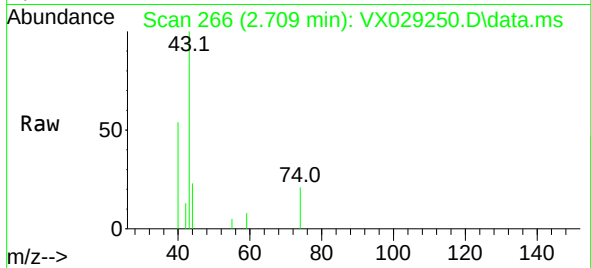




#18
Methyl Acetate
Concen: 0.710 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

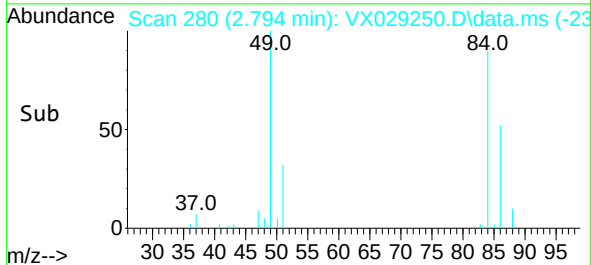
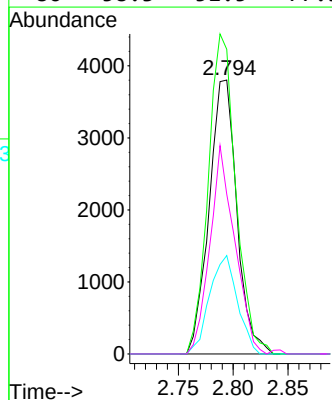
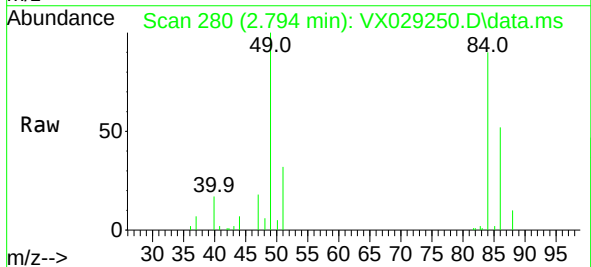
Instrument :
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ClientSampleId :
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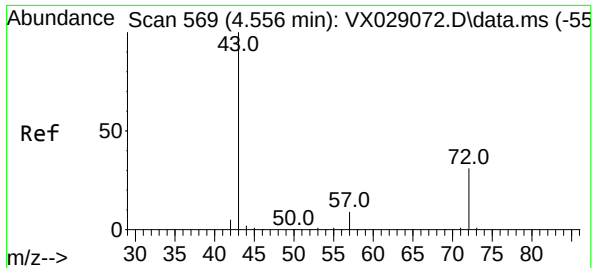
Tgt Ion: 43 Resp: 2409
Ion Ratio Lower Upper
43 100
74 24.5 22.8 34.2



#20
Methylene Chloride
Concen: 2.186 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion: 84 Resp: 6691
Ion Ratio Lower Upper
84 100
49 111.2 85.5 128.3
51 35.9 26.6 39.8
86 58.3 51.5 77.3

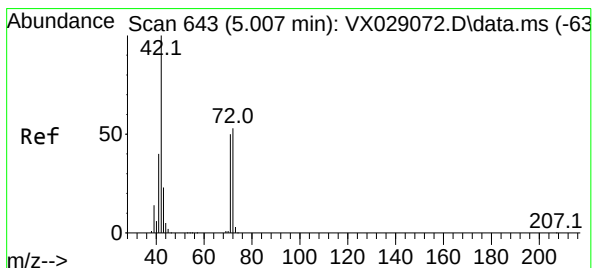
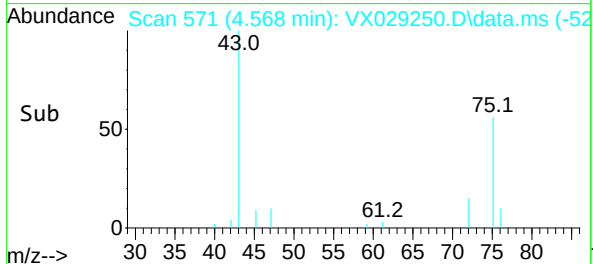
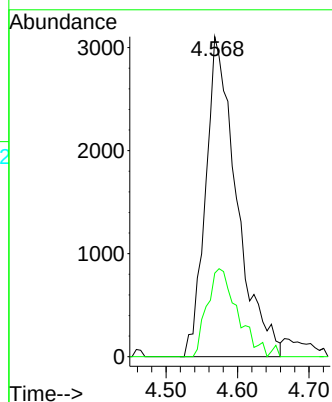
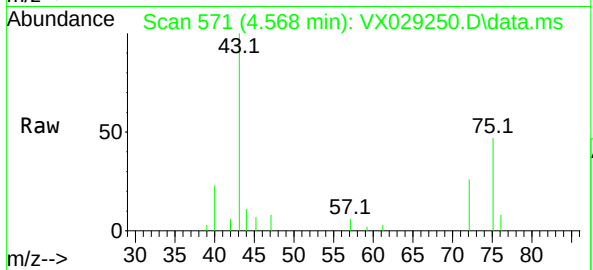




#25
2-Butanone
Concen: 4.424 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

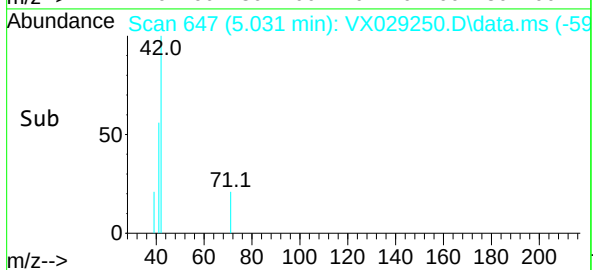
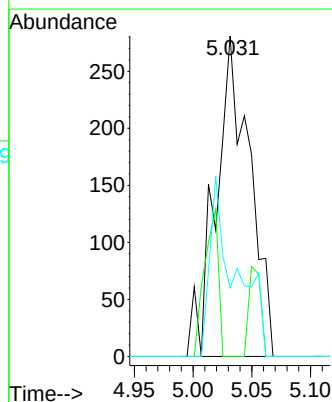
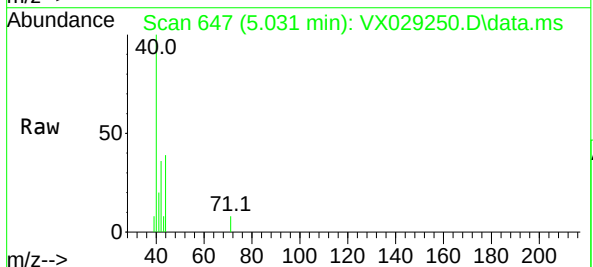
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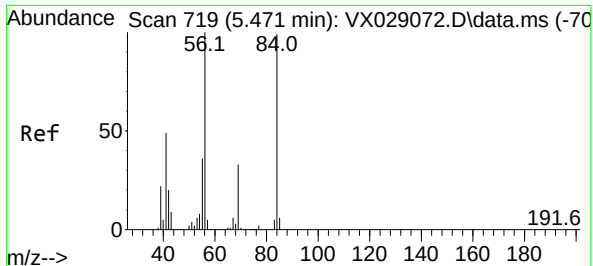
Tgt Ion: 43 Resp: 9367
Ion Ratio Lower Upper
43 100
72 26.1 24.4 36.6



#29
Tetrahydrofuran
Concen: 0.415 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.024 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion: 42 Resp: 564
Ion Ratio Lower Upper
42 100
72 18.8 44.1 66.1#
71 42.4 40.5 60.7

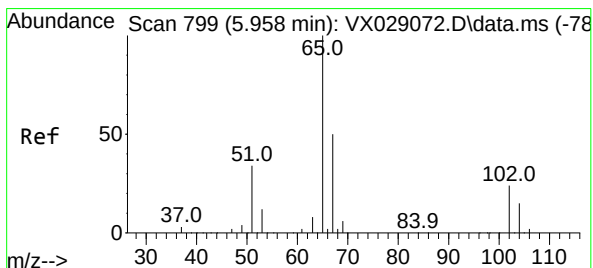
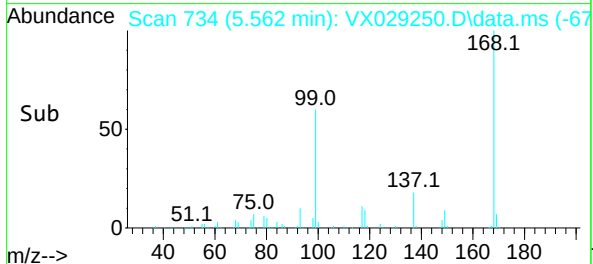
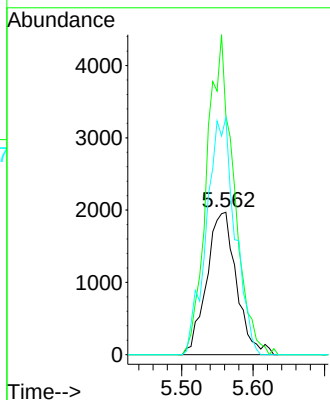
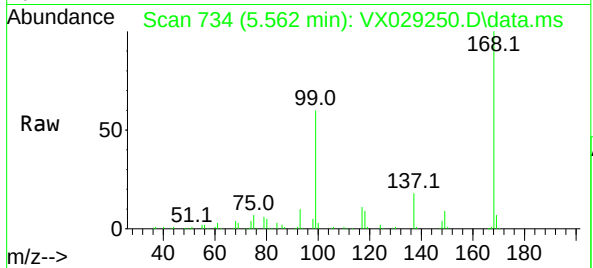




#31
Cyclohexane
Concen: 1.316 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

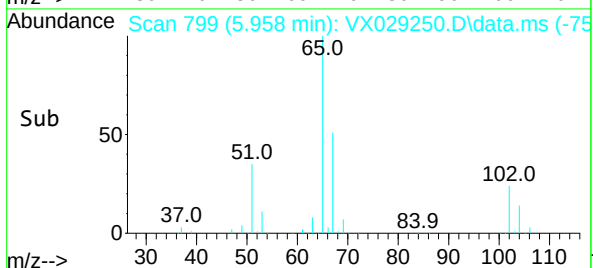
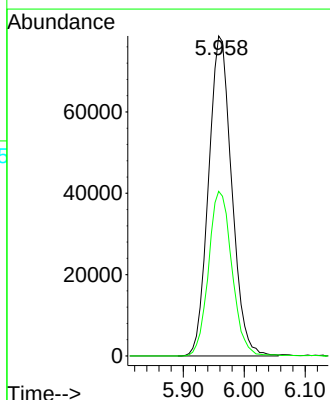
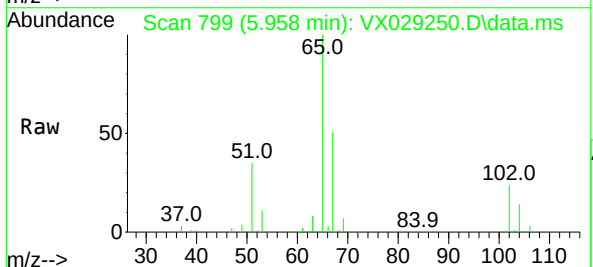
Instrument : MSVOA_X
ClientSampleId : 20220428-SPLP-AMENDED-COMPOSITE-H

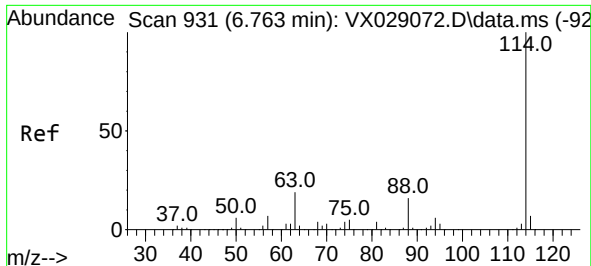
Tgt Ion: 56 Resp: 5704
Ion Ratio Lower Upper
56 100
69 167.7 26.7 40.1#
84 166.5 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 62.321 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion: 65 Resp: 207731
Ion Ratio Lower Upper
65 100
67 52.0 0.0 107.4

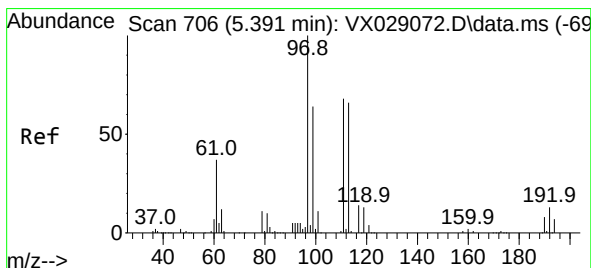
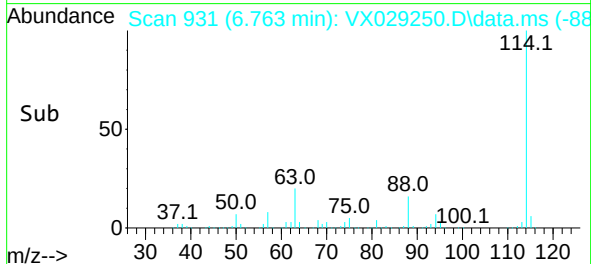
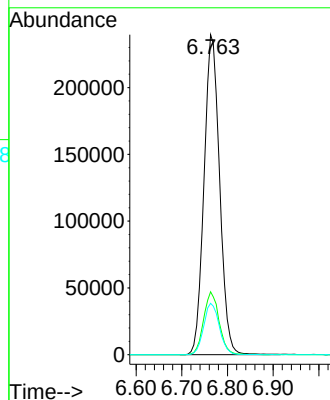
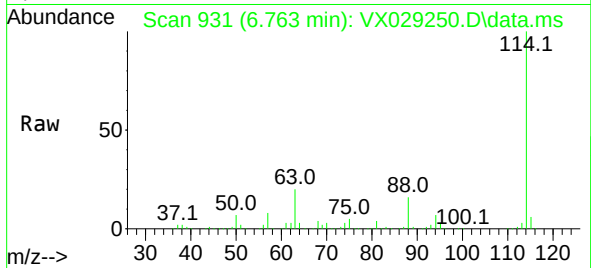




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

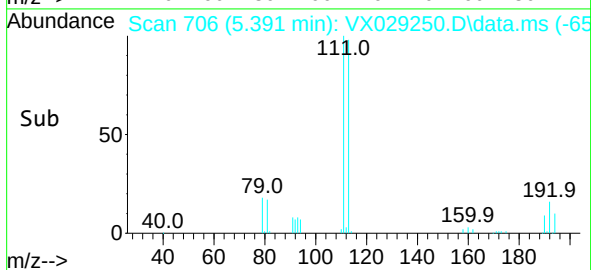
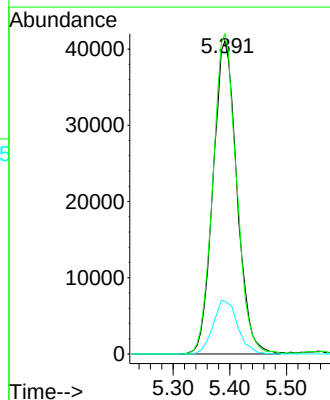
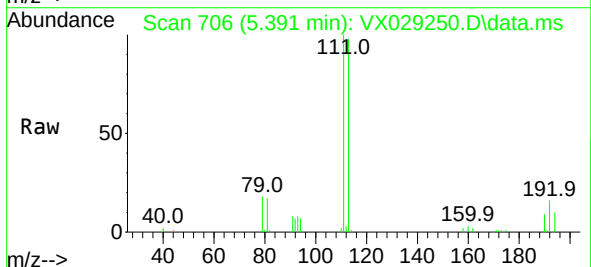
Instrument :
MSVOA_X
ClientSampleId :
20220428-SPLP-AMENDED-COMPOSITE-H

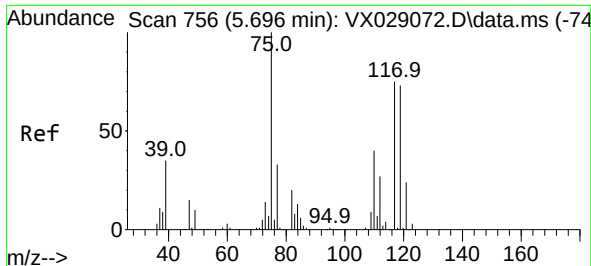
Tgt Ion:114 Resp: 566566
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 31.850 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

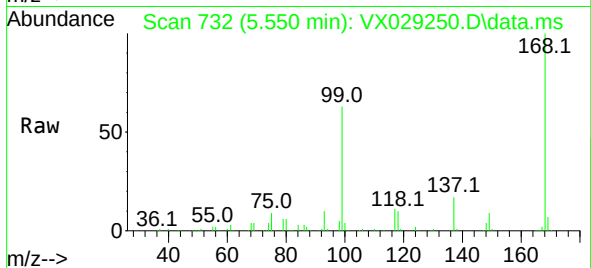
Tgt Ion:113 Resp: 119859
Ion Ratio Lower Upper
113 100
111 101.5 82.8 124.2
192 17.6 16.9 25.3



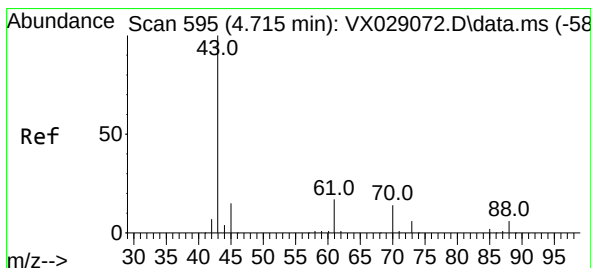
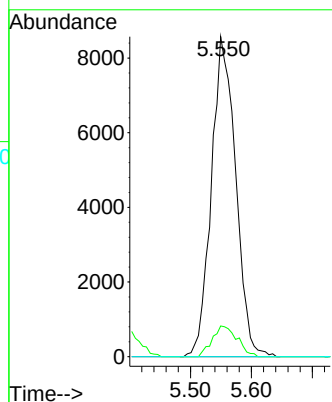
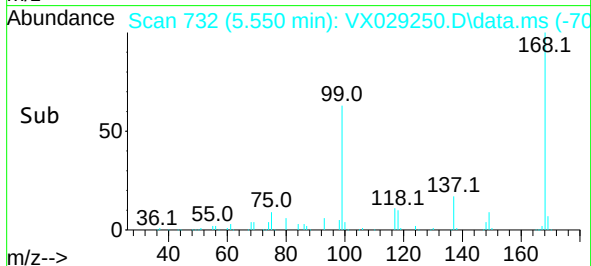


#36
1,1-Dichloropropene
Concen: 4.903 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Instrument : MSVOA_X
ClientSampleId : 20220428-SPLP-AMENDED-COMPOSITE-H

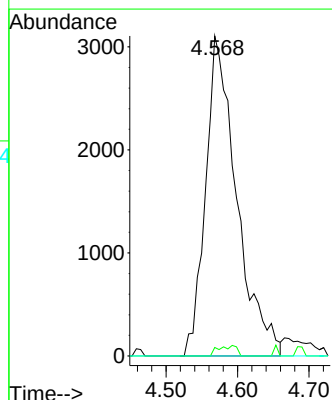
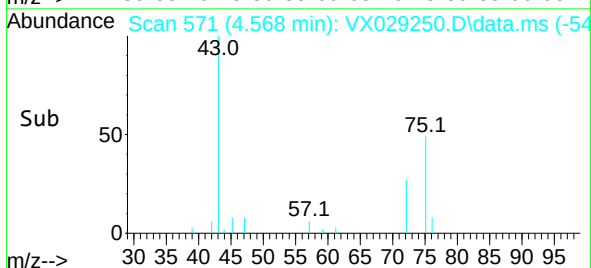
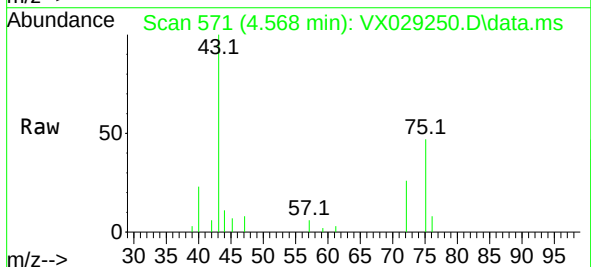


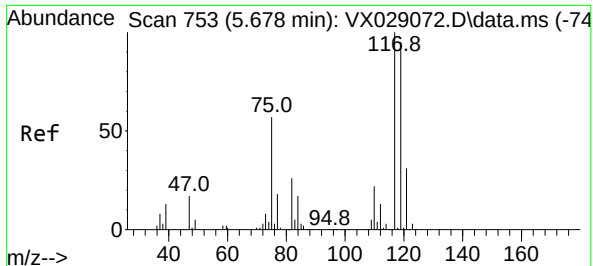
Tgt Ion: 75 Resp: 23739
Ion Ratio Lower Upper
75 100
110 9.9 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.996 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.147 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

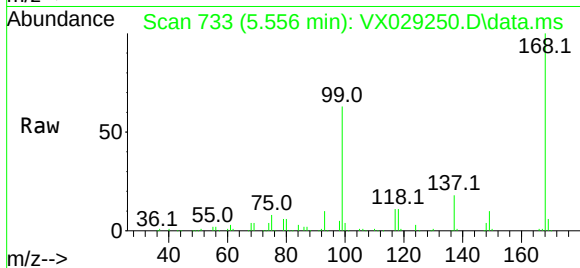
Tgt Ion: 43 Resp: 9367
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#



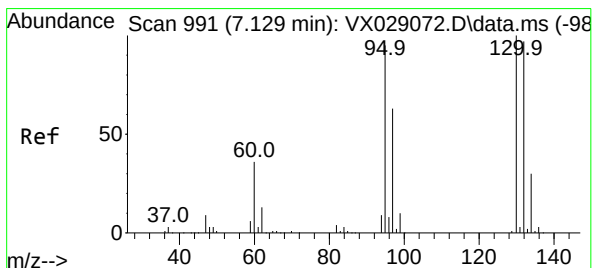
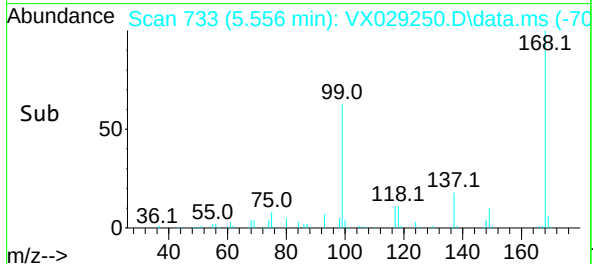
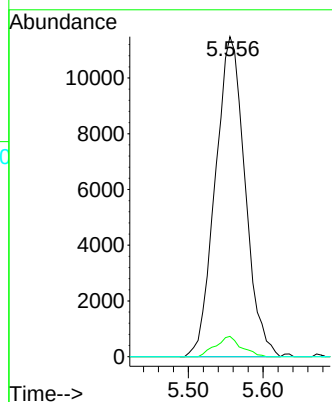


#38
Carbon Tetrachloride
Concen: 5.734 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Instrument :
MSVOA_X
ClientSampleId :
20220428-SPLP-AMENDED-COMPOSITE-H

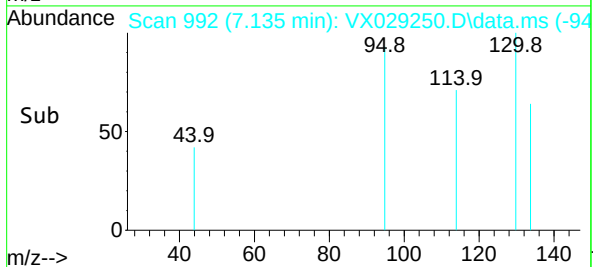
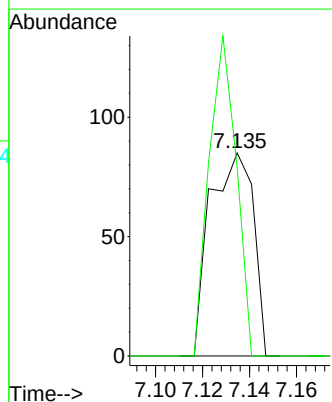
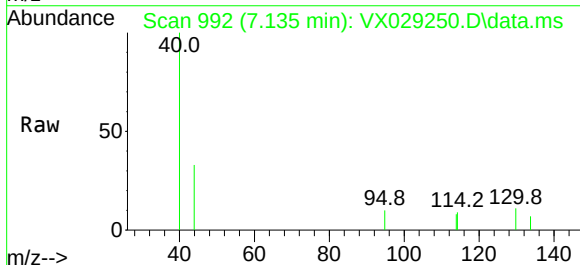


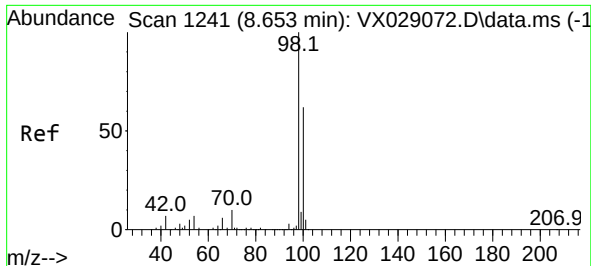
Tgt Ion:117 Resp: 31732
Ion Ratio Lower Upper
117 100
119 6.4 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion:130 Resp: 108
Ion Ratio Lower Upper
130 100
95 92.9 0.0 188.8

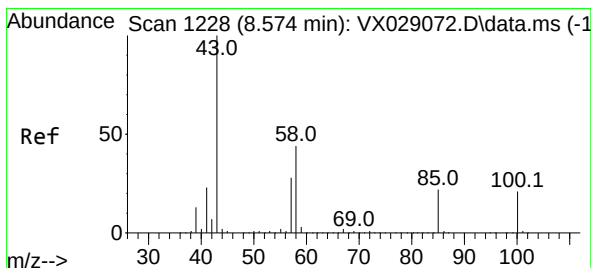
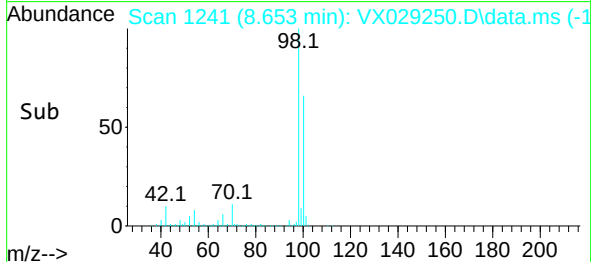
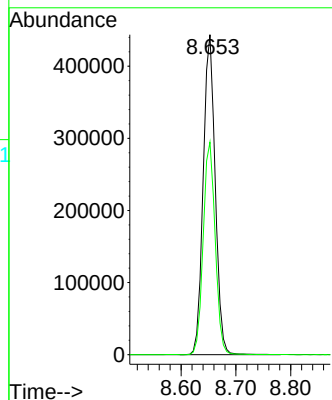
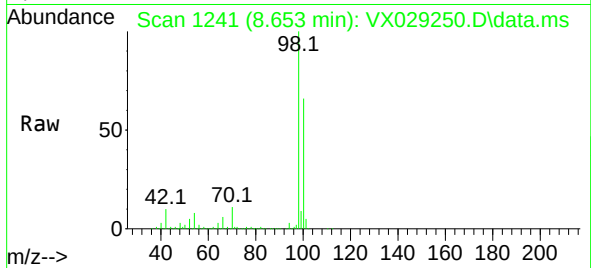




#50
Toluene-d8
Concen: 48.922 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

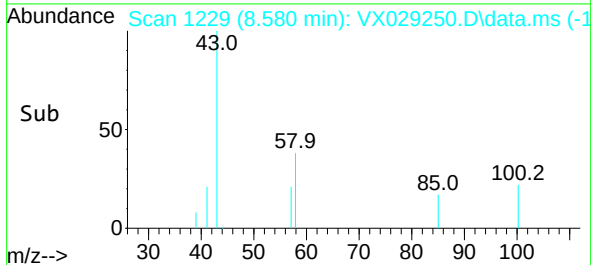
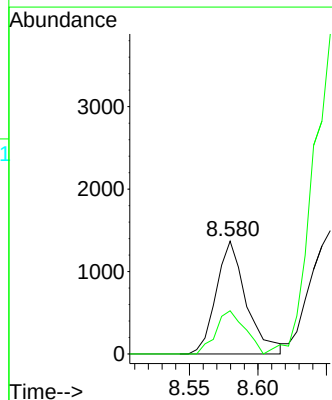
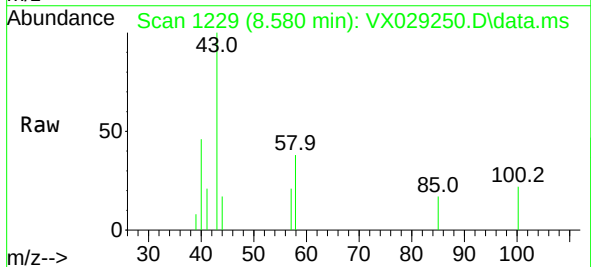
Instrument : MSVOA_X
ClientSampleId : 20220428-SPLP-AMENDED-COMPOSITE-H

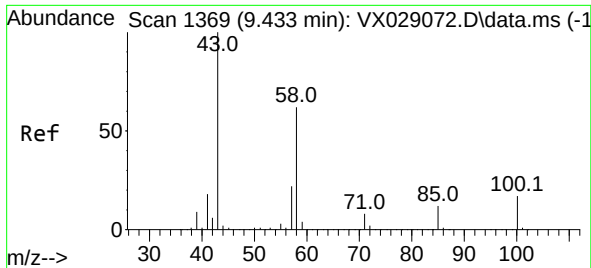
Tgt Ion: 98 Resp: 673346
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion: 43 Resp: 2093
Ion Ratio Lower Upper
43 100
58 37.0 36.1 54.1

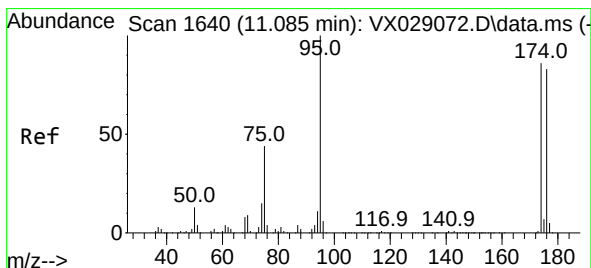
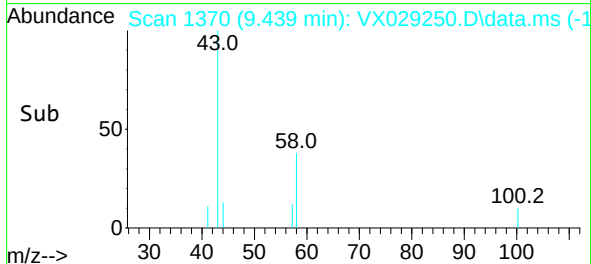
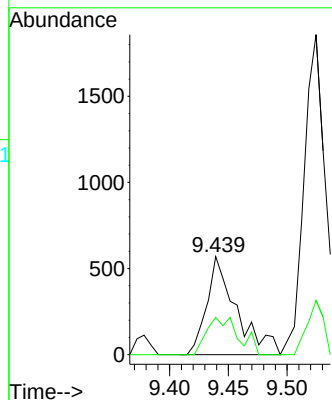
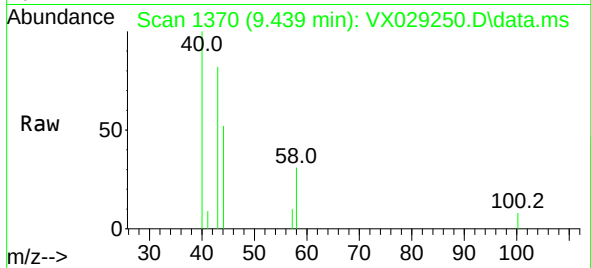




#59
2-Hexanone
Concen: 0.263 ug/l
RT: 9.439 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

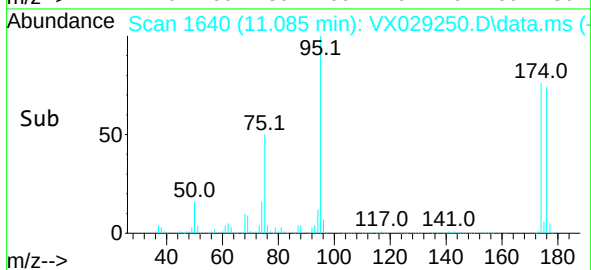
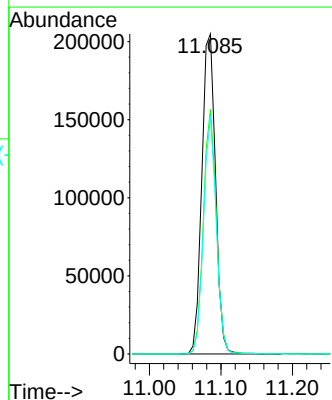
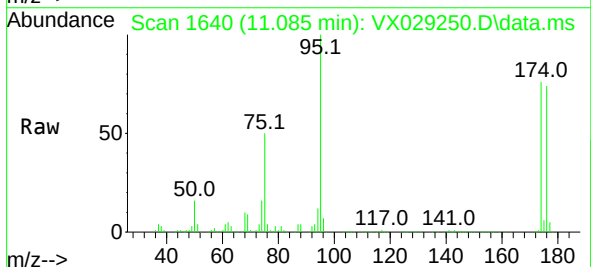
Instrument : MSVOA_X
ClientSampleId : 20220428-SPLP-AMENDED-COMPOSITE-H

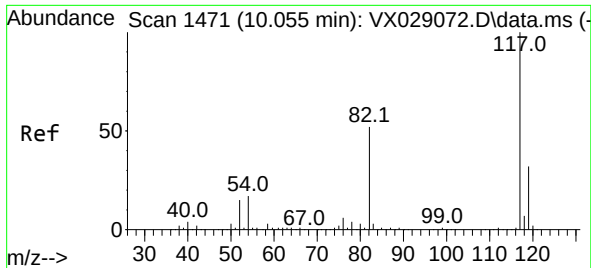
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 40.8 31.9 95.7



#62
4-Bromofluorobenzene
Concen: 51.106 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion: 95 Resp: 271904
Ion Ratio Lower Upper
95 100
174 73.0 0.0 163.0
176 69.4 0.0 155.0

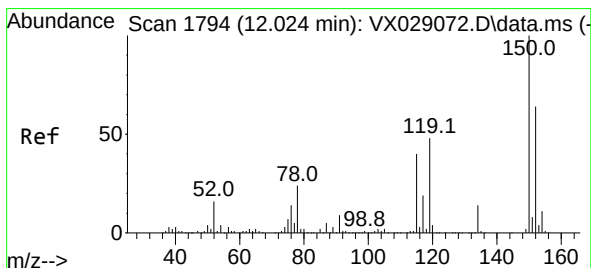
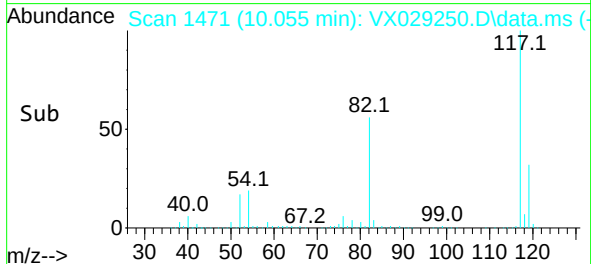
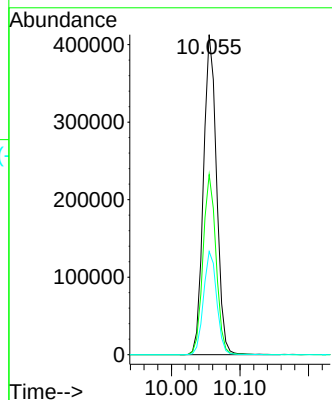
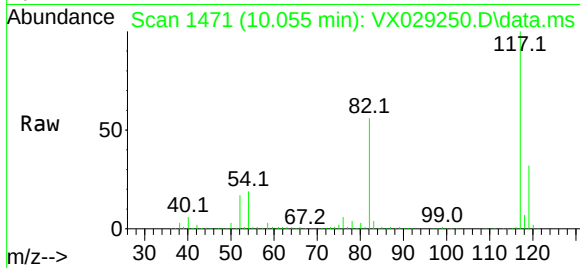




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

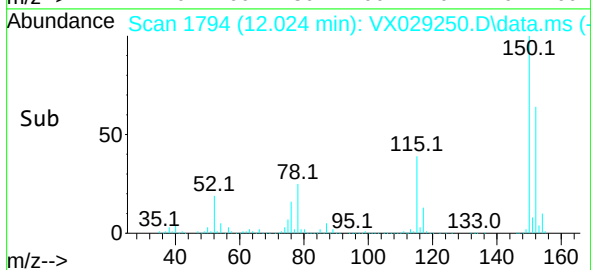
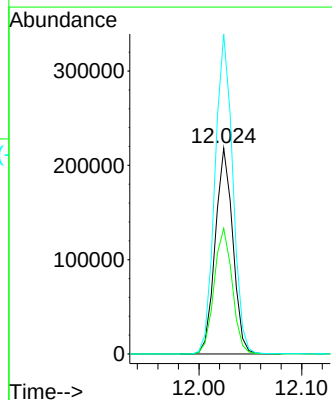
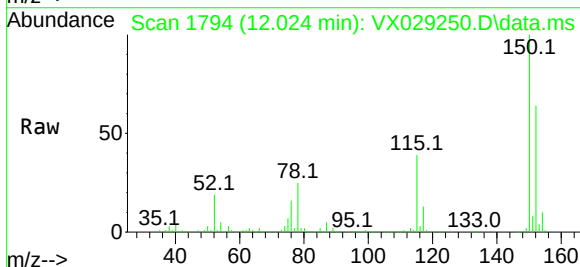
Instrument : MSVOA_X
ClientSampleId : 20220428-SPLP-AMENDED-COMPOSITE-H

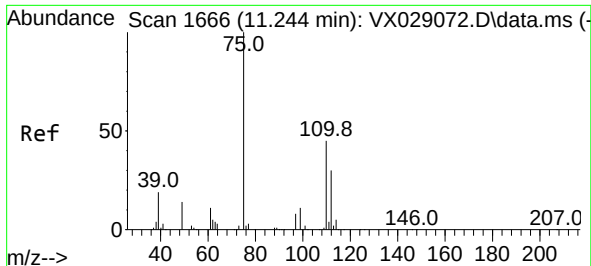
Tgt Ion:117 Resp: 550471
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion:152 Resp: 258595
Ion Ratio Lower Upper
152 100
115 62.9 37.5 112.7
150 157.8 0.0 338.2

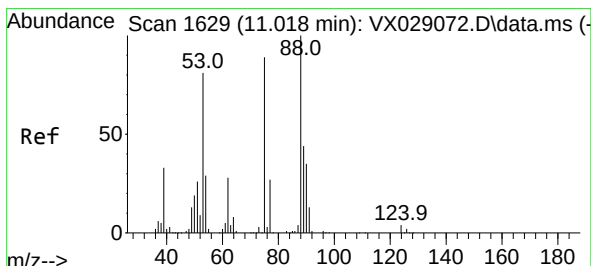
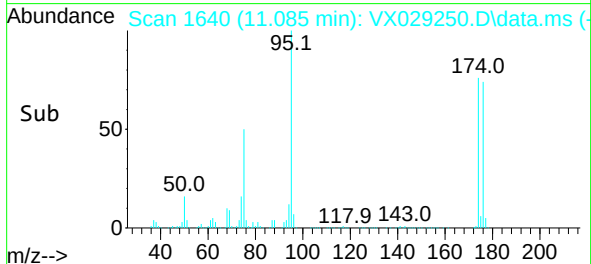
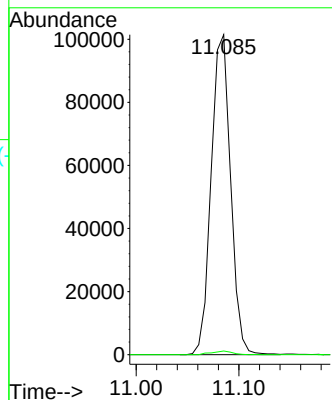
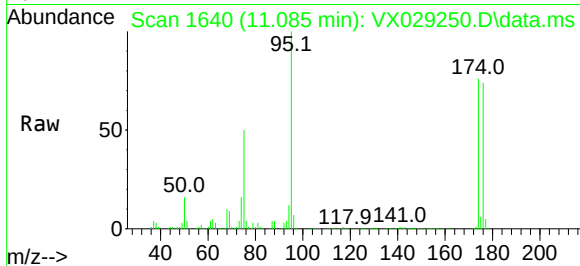




#76
1,2,3-Trichloropropane
Concen: 25.379 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Instrument : MSVOA_X
ClientSampleId : 20220428-SPLP-AMENDED-COMPOSITE-H

Tgt Ion: 75 Resp: 133043
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.458 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029250.D
Acq: 06 Jun 2022 19:51

Tgt Ion: 75 Resp: 133043
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

