

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023569.D
 Acq On : 05 Aug 2021 13:52
 Operator : JC/MD
 Sample : M3279-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-AMENDED-COM-3

Quant Time: Aug 06 03:22:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

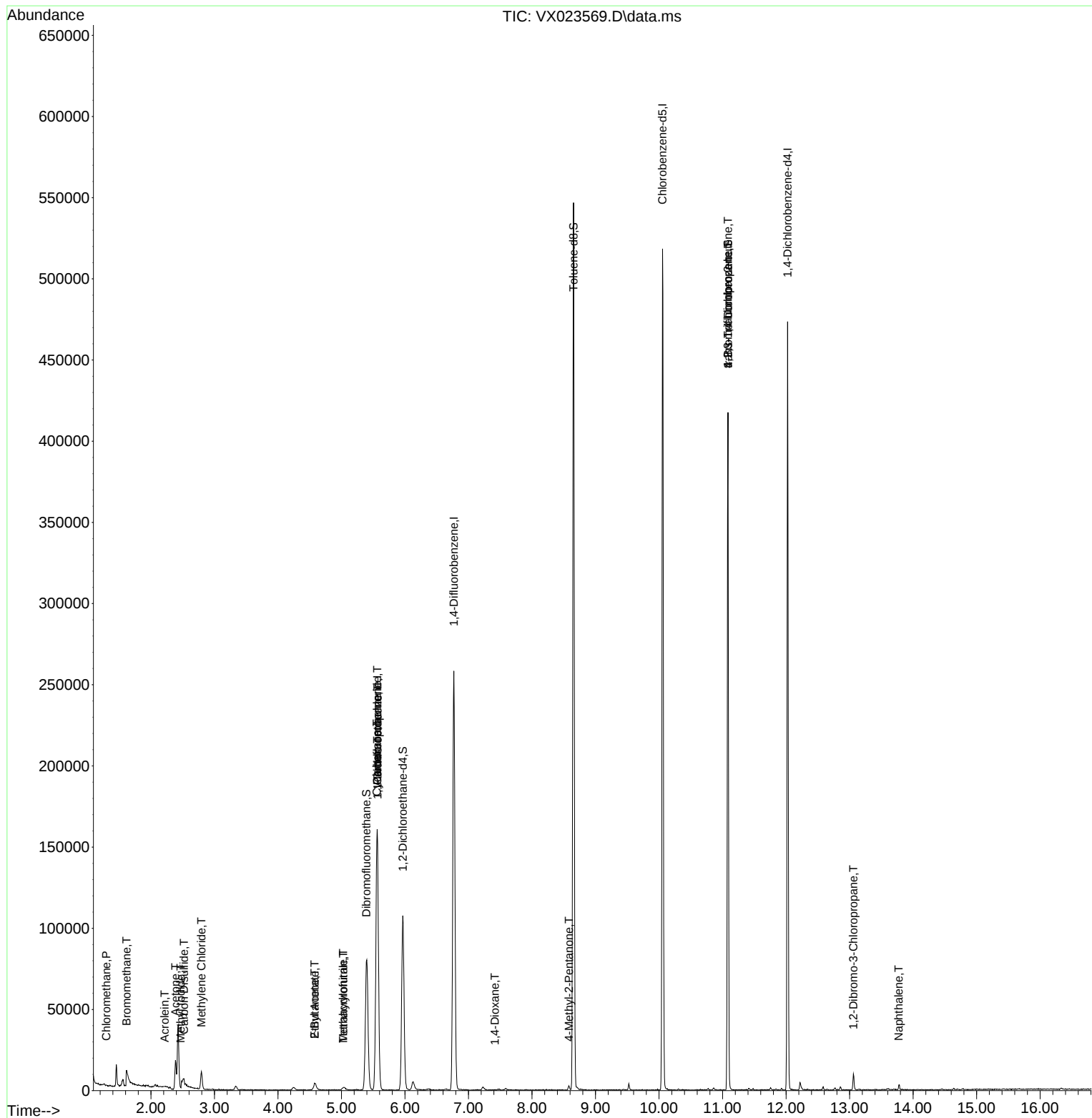
Internal Standards						
1) Pentafluorobenzene	5.562	168	152661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	259712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101494	53.297	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 106.600%		
35) Dibromofluoromethane	5.391	113	69721	42.936	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 85.880%		
50) Toluene-d8	8.653	98	309871	51.939	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 103.880%		
62) 4-Bromofluorobenzene	11.085	95	103321	50.930	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 101.860%		
Target Compounds						Qvalue
3) Chloromethane	1.295	50	424	0.259	ug/l #	82
5) Bromomethane	1.618	94	316	0.321	ug/l #	71
10) Methyl Iodide	2.465	142	591	0.312	ug/l #	78
13) Acrolein	2.215	56	62	1.643	ug/l #	1
16) Acetone	2.386	43	18821	20.148	ug/l #	85
17) Carbon Disulfide	2.520	76	3583	0.969	ug/l #	94
20) Methylene Chloride	2.794	84	4432	2.439	ug/l #	82
25) 2-Butanone	4.574	43	4988	3.439	ug/l	97
29) Tetrahydrofuran	5.026	42	1603	1.686	ug/l #	79
31) Cyclohexane	5.556	56	3432	1.217	ug/l #	35
36) 1,1-Dichloropropene	5.568	75	12124	5.161	ug/l #	49
37) Ethyl Acetate	4.574	43	4988	1.684	ug/l #	64
38) Carbon Tetrachloride	5.562	117	15041	6.295	ug/l #	16
41) Methacrylonitrile	5.026	41	537	0.343	ug/l #	7
49) 1,4-Dioxane	7.415	88	26	0.574	ug/l #	24
51) 4-Methyl-2-Pentanone	8.580	43	1604	0.571	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	53872	26.377	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	53872	70.924	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	13.061	75	2783	6.934	ug/l #	1
95) Naphthalene	13.774	128	2101	0.321	ug/l	97

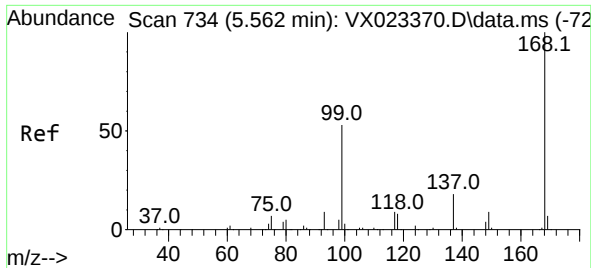
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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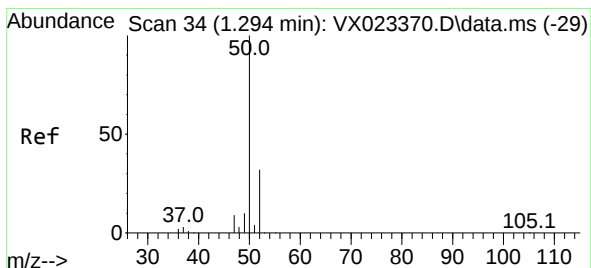
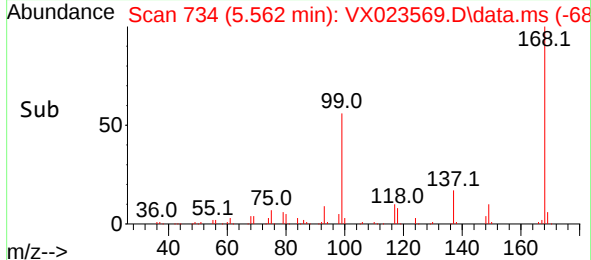
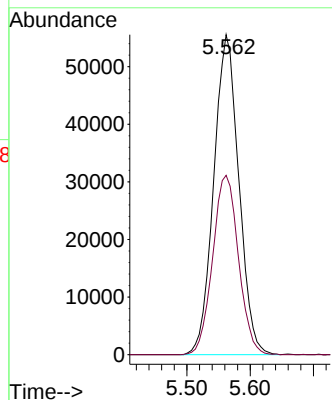
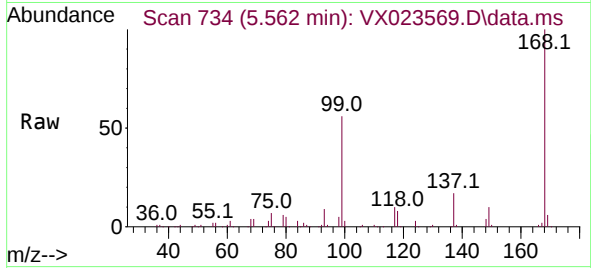




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

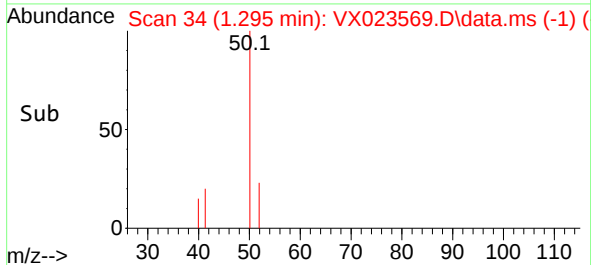
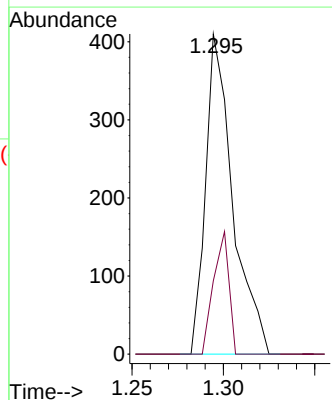
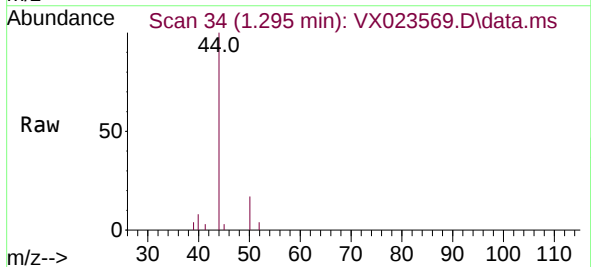
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMENDED-COM-3

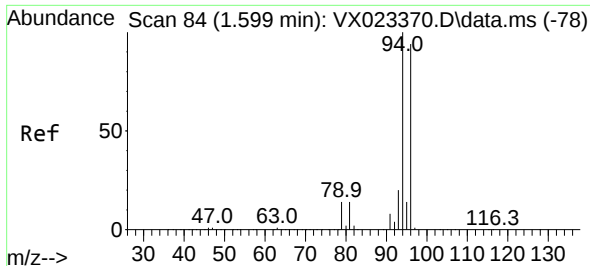
Tgt Ion:168 Resp: 152661
Ion Ratio Lower Upper
168 100
99 56.0 45.8 68.6



#3
Chloromethane
Concen: 0.259 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion: 50 Resp: 424
Ion Ratio Lower Upper
50 100
52 22.9 26.4 39.6#

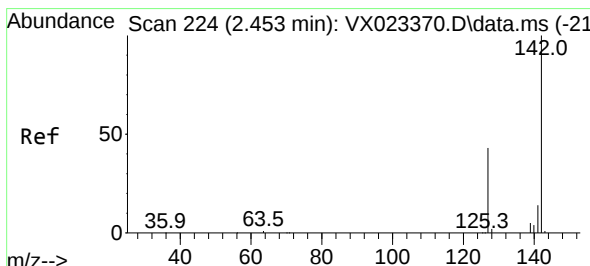
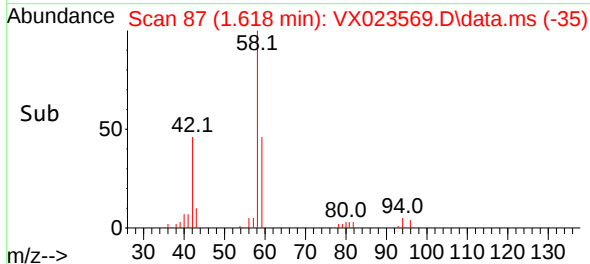
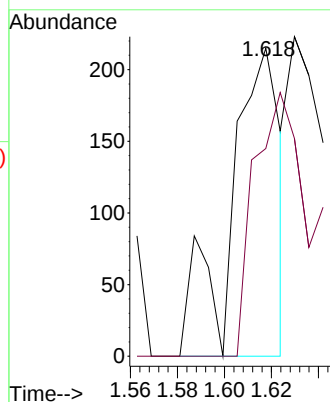
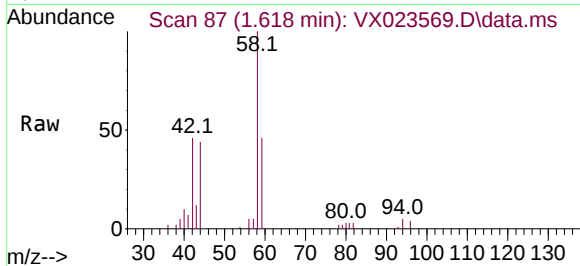




#5
Bromomethane
Concen: 0.321 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

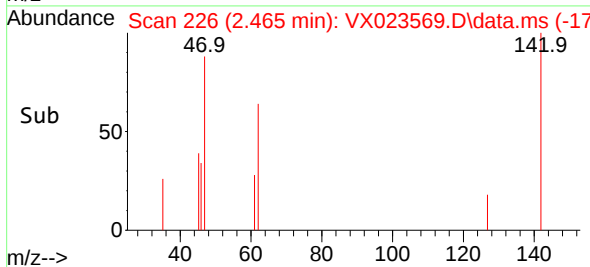
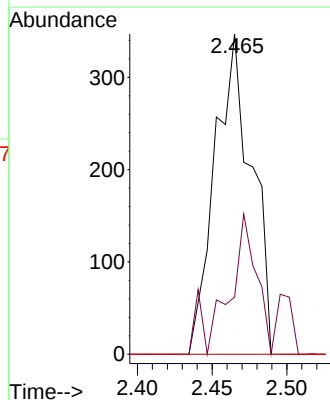
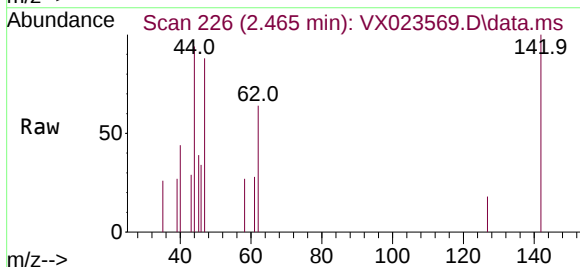
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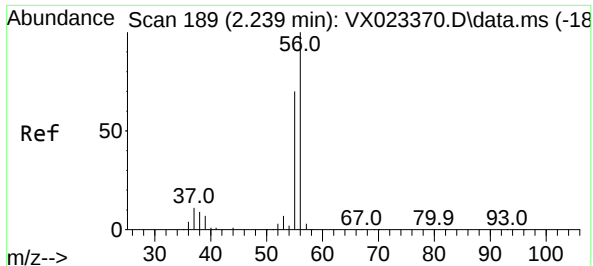
Tgt Ion: 94 Resp: 316
Ion Ratio Lower Upper
94 100
96 67.4 76.4 114.6#



#10
Methyl Iodide
Concen: 0.312 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion: 142 Resp: 591
Ion Ratio Lower Upper
142 100
127 30.6 33.3 49.9#
141 0.0 11.4 17.0#

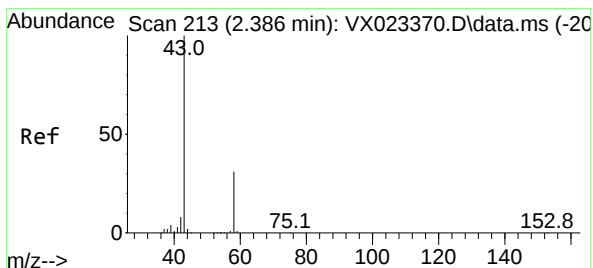
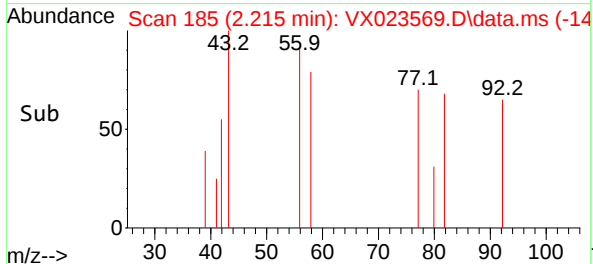
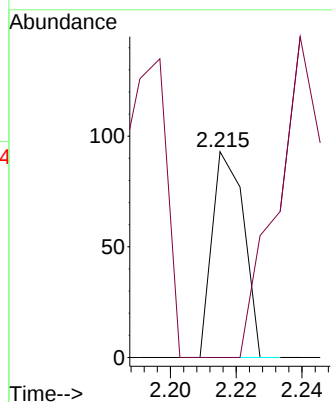
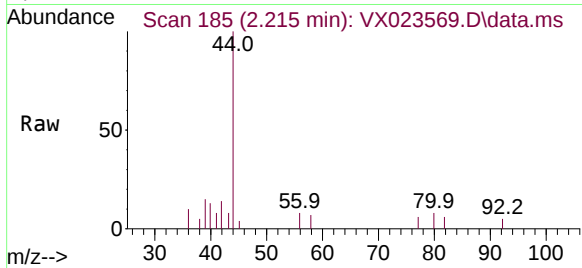




#13
Acrolein
Concen: 1.643 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

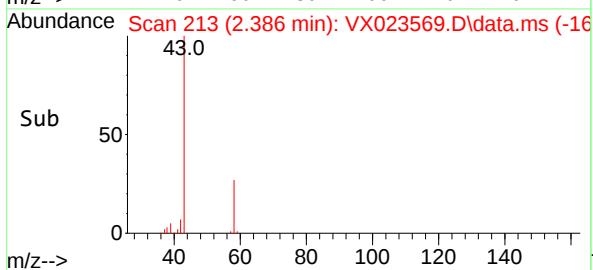
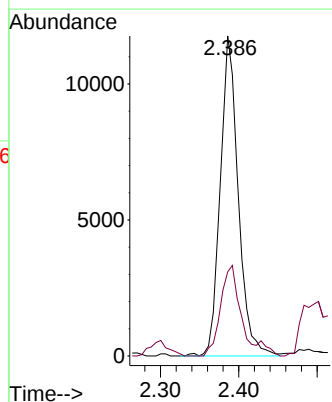
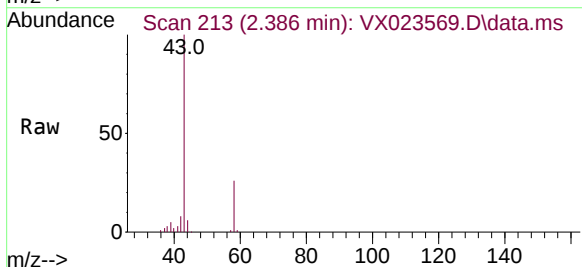
Instrument :
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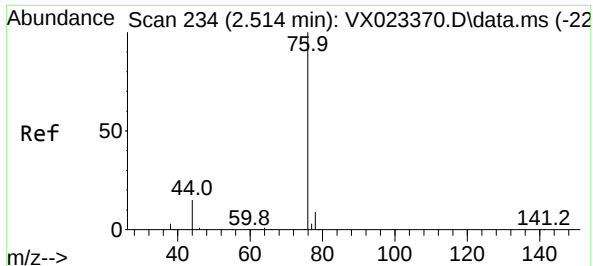
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 232.3 56.4 84.6#



#16
Acetone
Concen: 20.148 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion: 43 Resp: 18821
Ion Ratio Lower Upper
43 100
58 26.3 27.8 41.8#

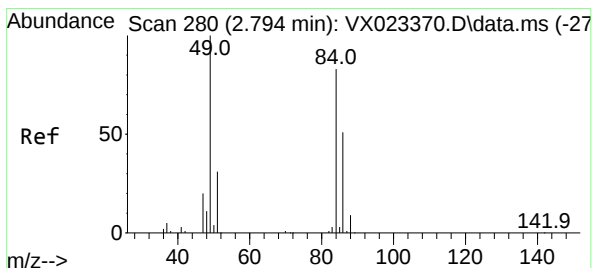
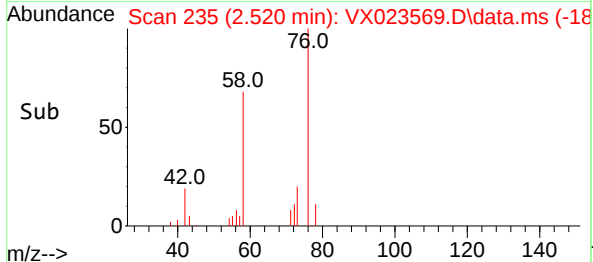
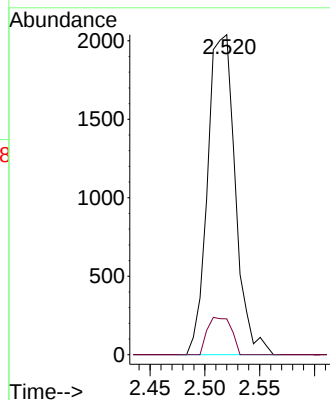
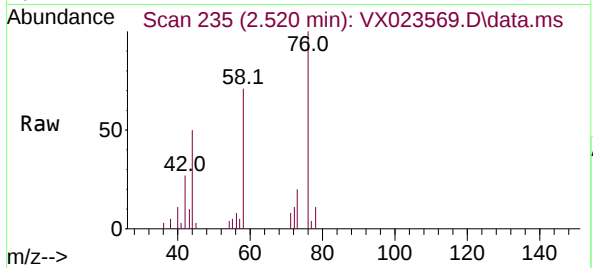




#17
Carbon Disulfide
Concen: 0.969 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

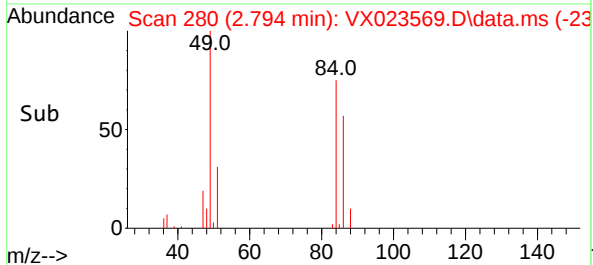
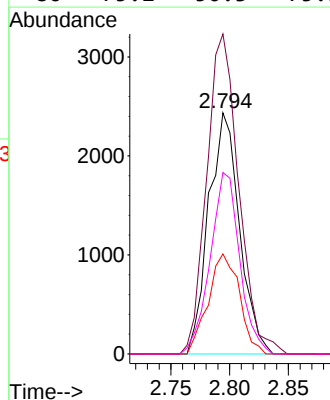
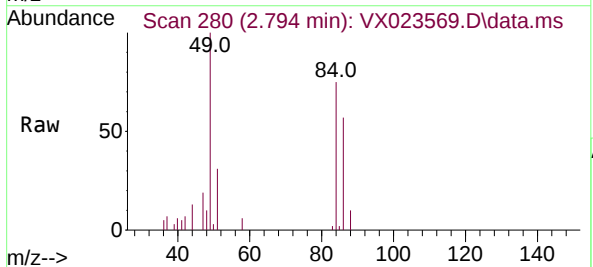
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ClientSampleId :
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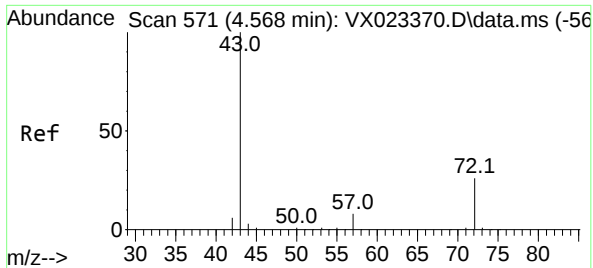
Tgt Ion: 76 Resp: 3583
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8#



#20
Methylene Chloride
Concen: 2.439 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion: 84 Resp: 4432
Ion Ratio Lower Upper
84 100
49 132.7 88.6 132.8
51 41.5 27.0 40.6#
86 75.2 50.3 75.5

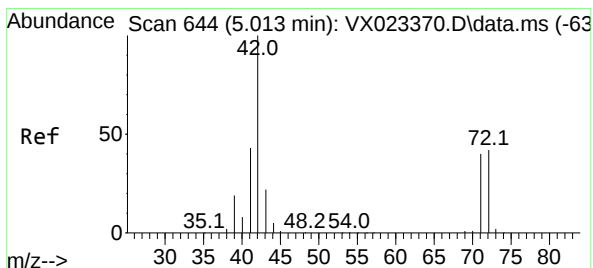
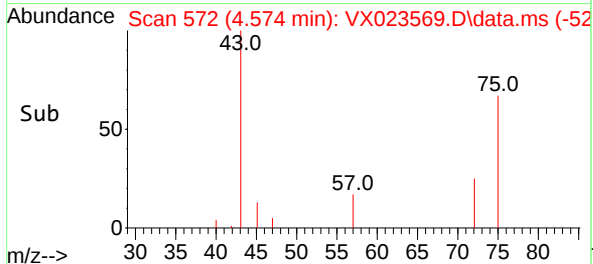
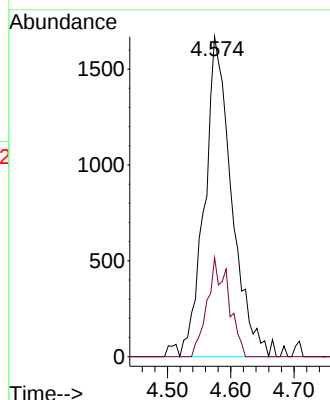
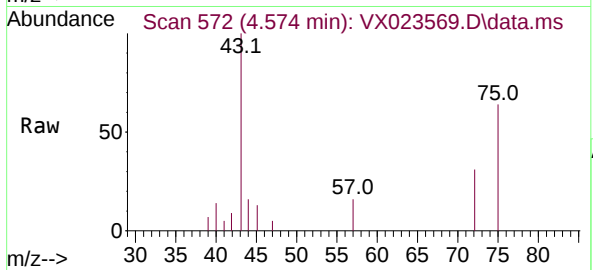




#25
2-Butanone
Concen: 3.439 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

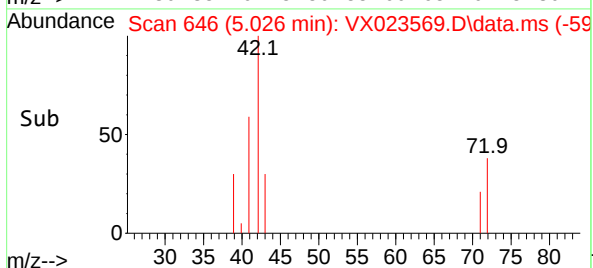
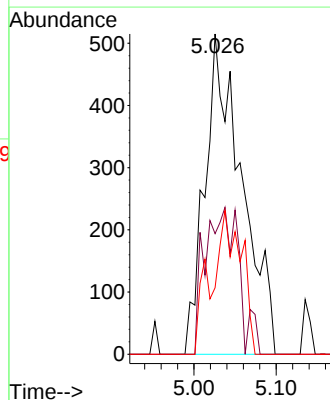
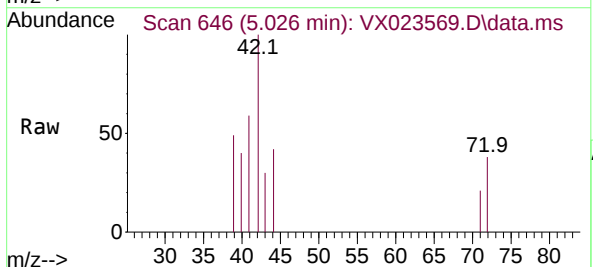
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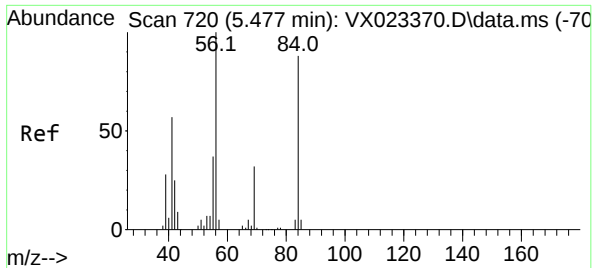
Tgt Ion: 43 Resp: 4988
Ion Ratio Lower Upper
43 100
72 31.0 23.7 35.5



#29
Tetrahydrofuran
Concen: 1.686 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.013 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion: 42 Resp: 1603
Ion Ratio Lower Upper
42 100
72 42.5 41.7 62.5
71 28.8 38.4 57.6#

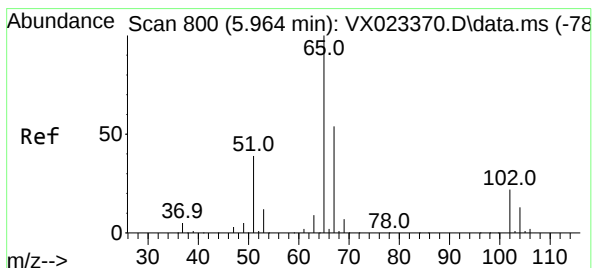
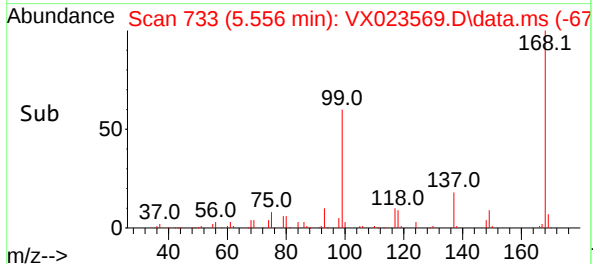
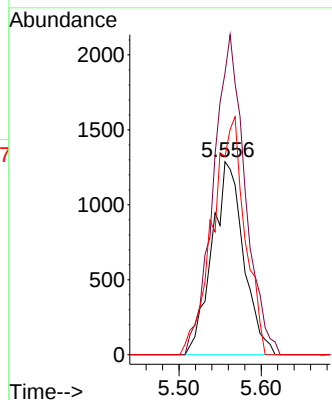
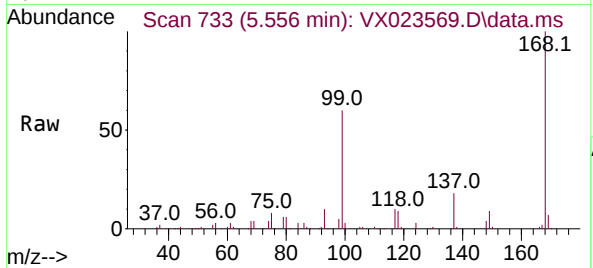




#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

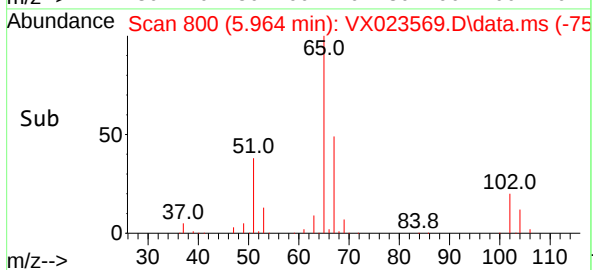
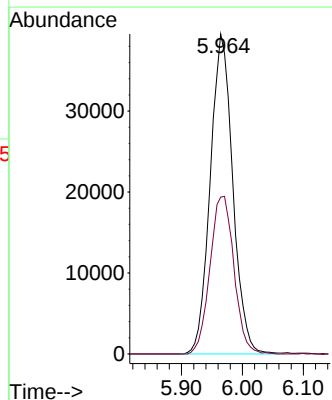
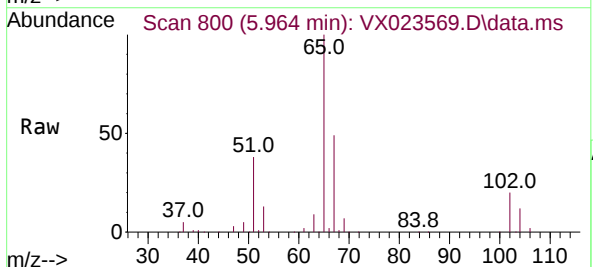
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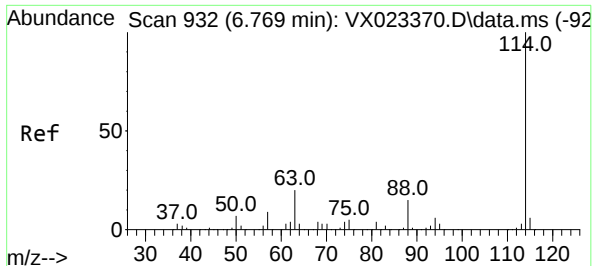
Tgt Ion: 56 Resp: 3432
Ion Ratio Lower Upper
56 100
69 146.0 25.3 37.9#
84 102.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.297 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion: 65 Resp: 101494
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4

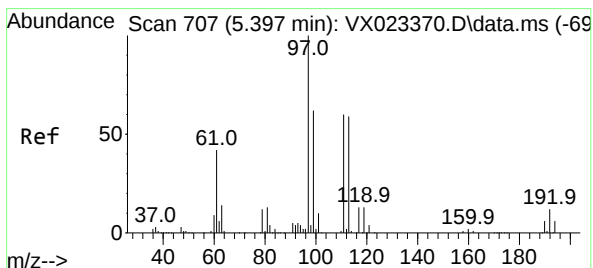
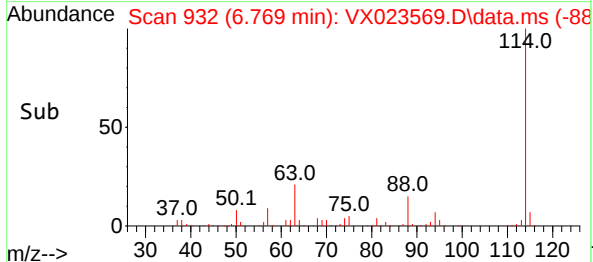
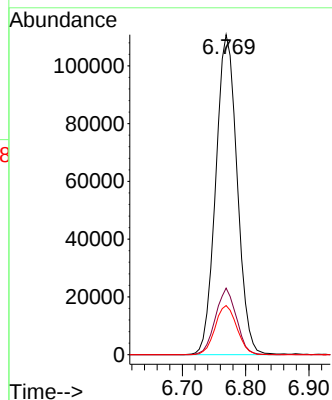
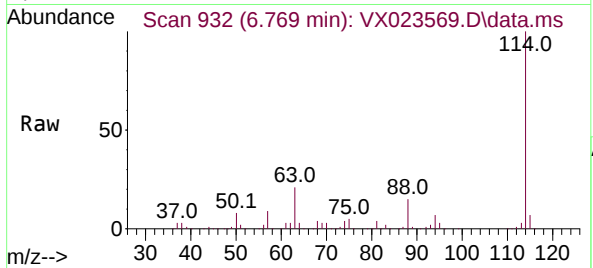




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

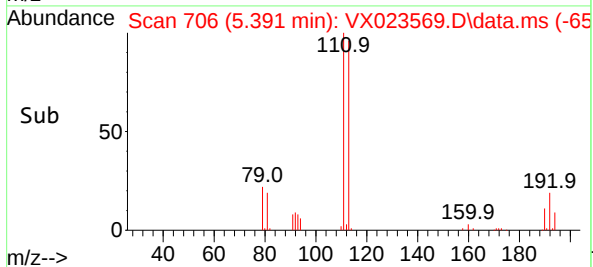
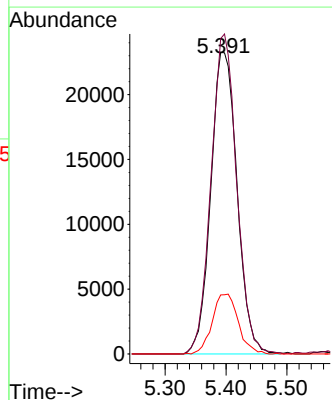
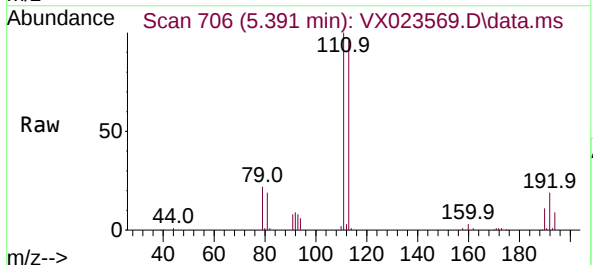
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMENDED-COM-3

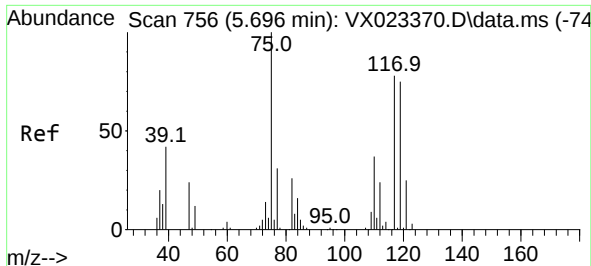
Tgt Ion:114 Resp: 259712
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 42.936 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion:113 Resp: 69721
Ion Ratio Lower Upper
113 100
111 103.4 81.9 122.9
192 19.6 16.7 25.1

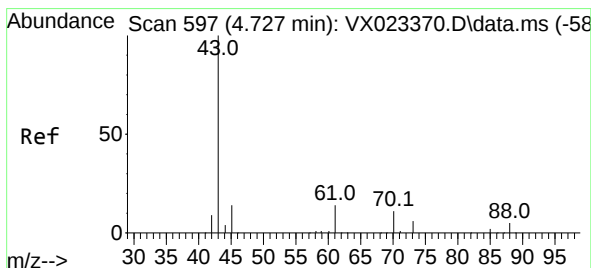
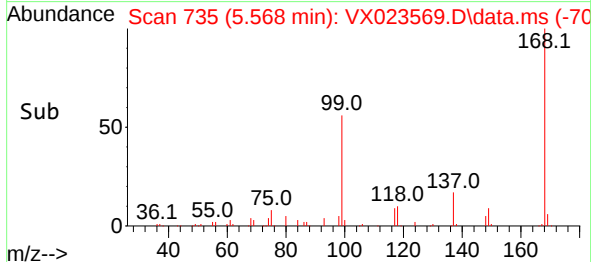
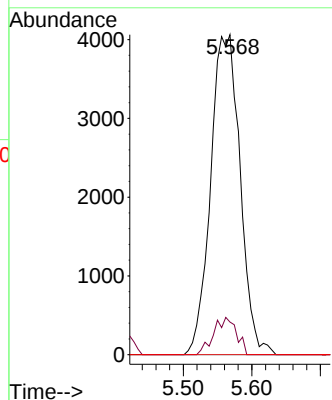
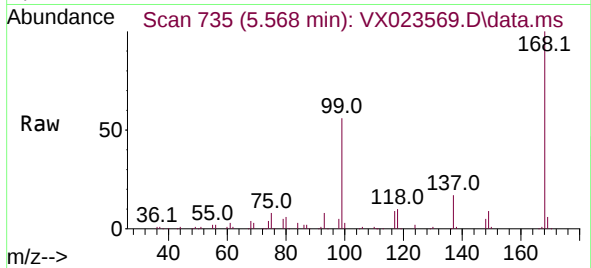




#36
1,1-Dichloropropene
Concen: 5.161 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.128 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

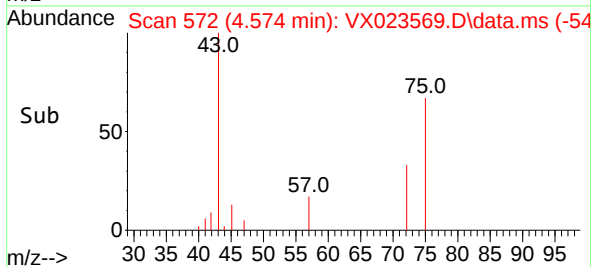
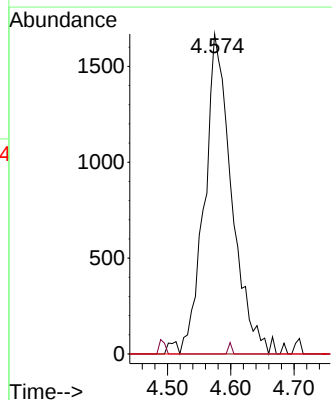
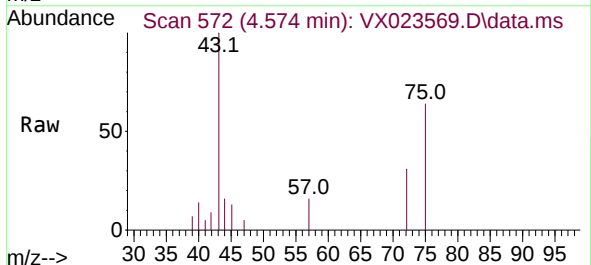
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMENDED-COM-3

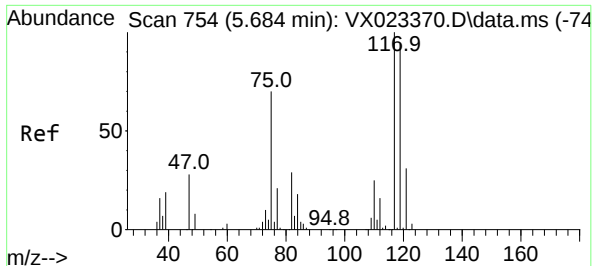
Tgt Ion: 75	Resp: 12124
Ion Ratio	Lower Upper
75 100	
110 9.0	18.1 54.4#
77 0.0	25.3 37.9#



#37
Ethyl Acetate
Concen: 1.684 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.153 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

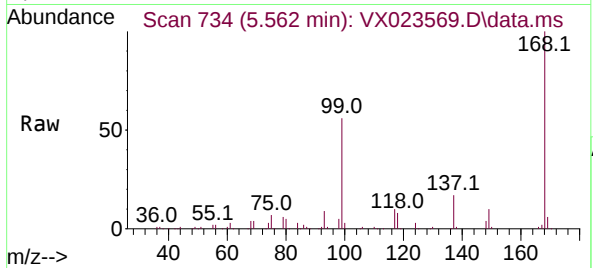
Tgt Ion: 43	Resp: 4988
Ion Ratio	Lower Upper
43 100	
61 0.0	12.8 19.2#
70 0.0	10.5 15.7#



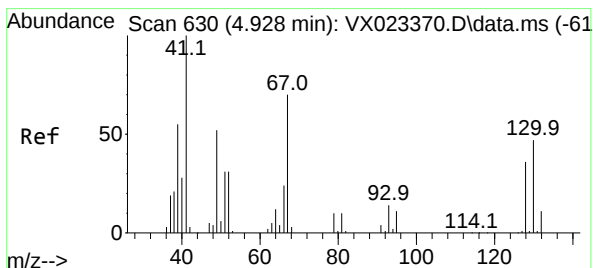
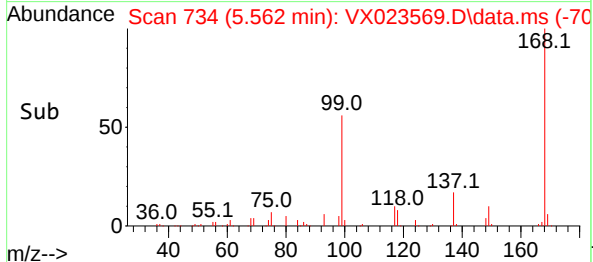
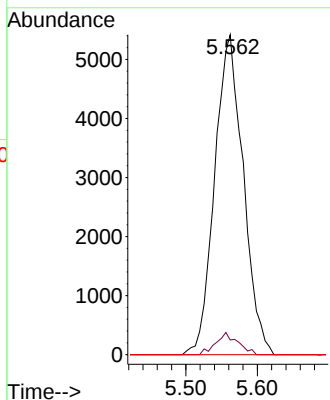


#38
Carbon Tetrachloride
Concen: 6.295 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMENDED-COM-3

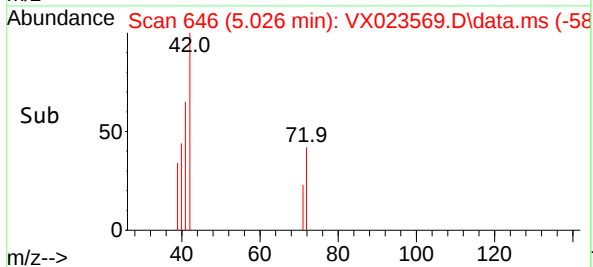
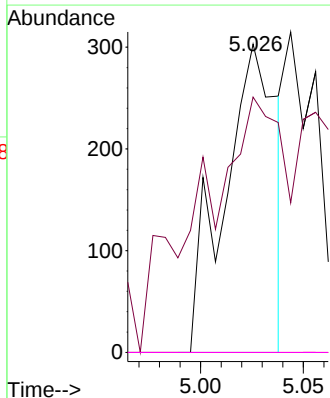
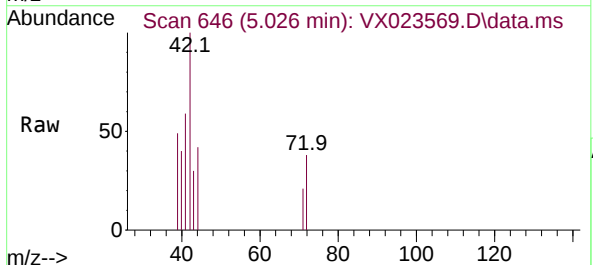


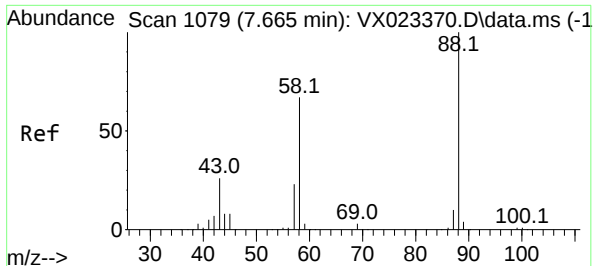
Tgt Ion: 117 Resp: 15041
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.343 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.098 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion: 41 Resp: 537
Ion Ratio Lower Upper
41 100
39 135.4 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#





#49

1,4-Dioxane

Concen: 0.574 ug/l

RT: 7.415 min Scan# 1038

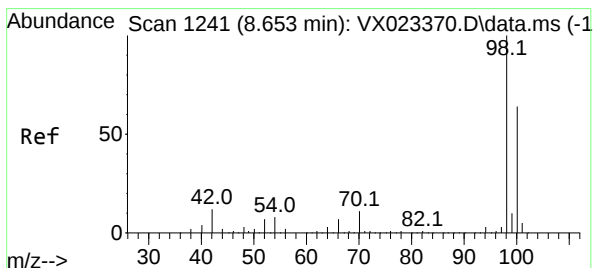
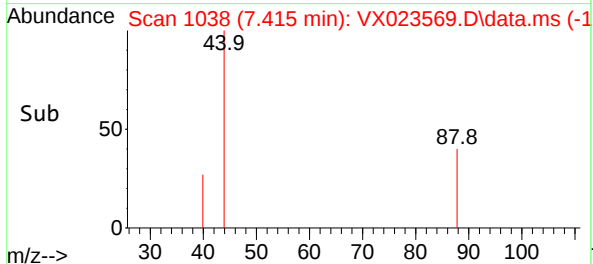
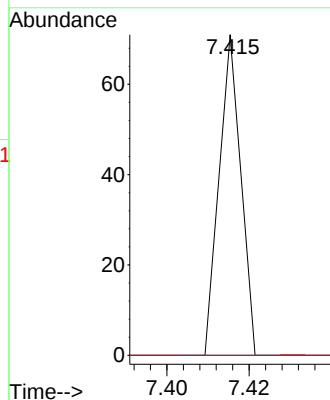
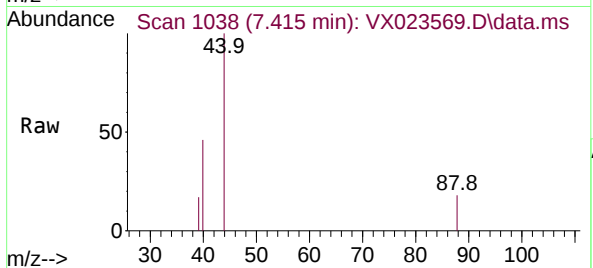
Delta R.T. -0.250 min

Lab File: VX023569.D

Acq: 05 Aug 2021 13:52

Tgt Ion: 88	Resp: 26
Ion Ratio	Lower Upper
88 100	
43 0.0	23.2 34.8#
58 0.0	55.0 82.4#

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMENDED-COM-3



#50

Toluene-d8

Concen: 51.939 ug/l

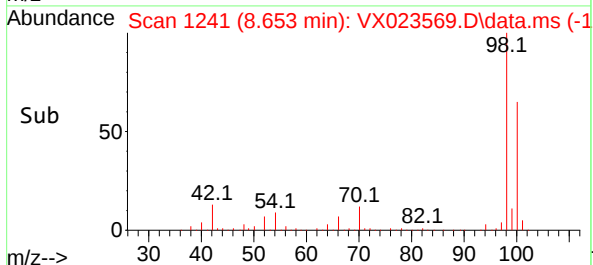
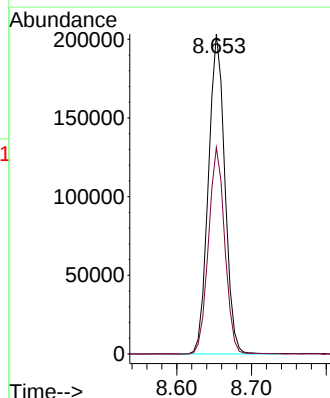
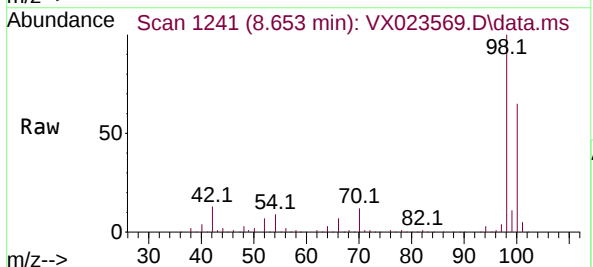
RT: 8.653 min Scan# 1241

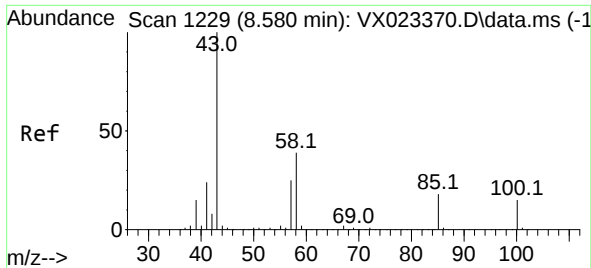
Delta R.T. -0.000 min

Lab File: VX023569.D

Acq: 05 Aug 2021 13:52

Tgt Ion: 98	Resp: 309871
Ion Ratio	Lower Upper
98 100	
100 63.8	51.9 77.9

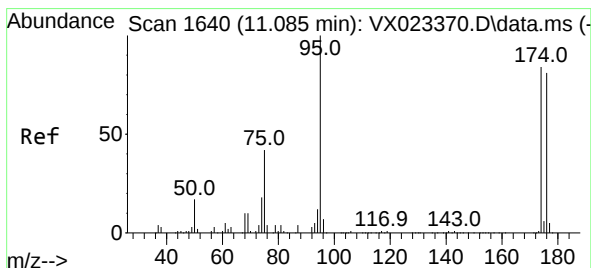
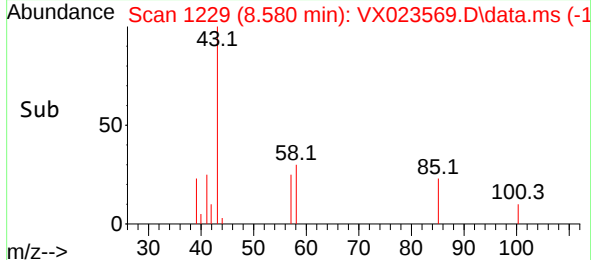
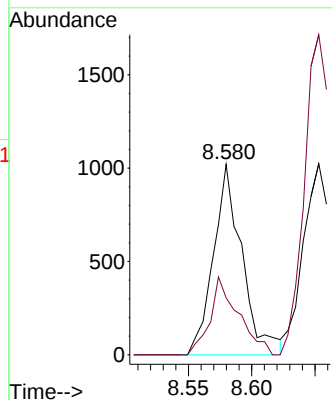
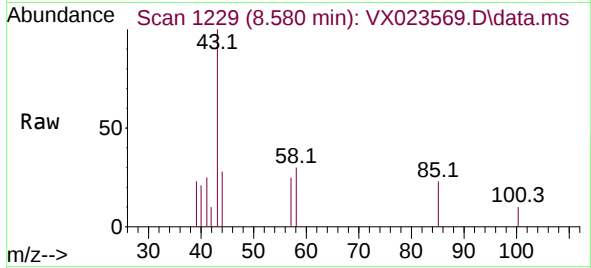




#51
4-Methyl-2-Pentanone
Concen: 0.571 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

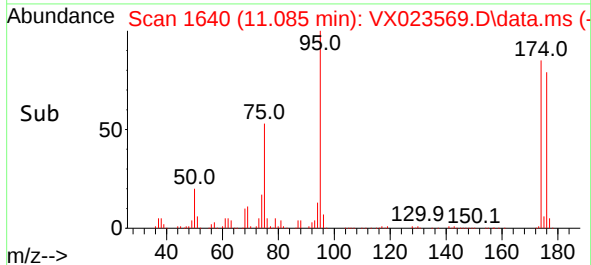
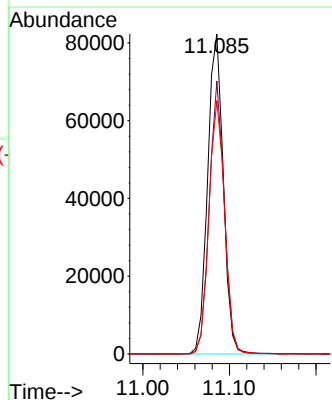
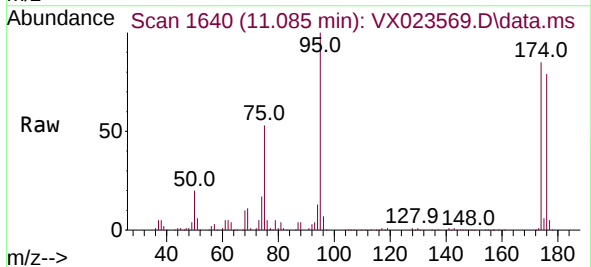
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMENDED-COM-3

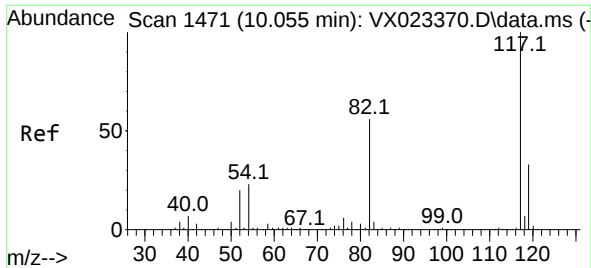
Tgt Ion: 43 Resp: 1604
Ion Ratio Lower Upper
43 100
58 40.5 35.4 53.0



#62
4-Bromofluorobenzene
Concen: 50.930 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion: 95 Resp: 103321
Ion Ratio Lower Upper
95 100
174 81.9 0.0 154.6
176 79.2 0.0 155.8

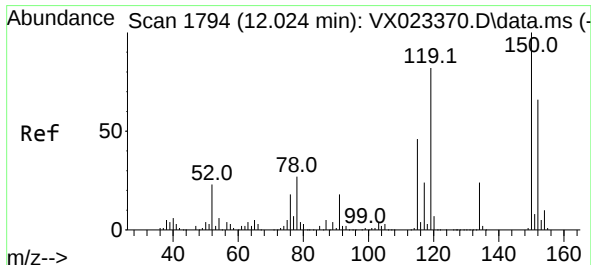
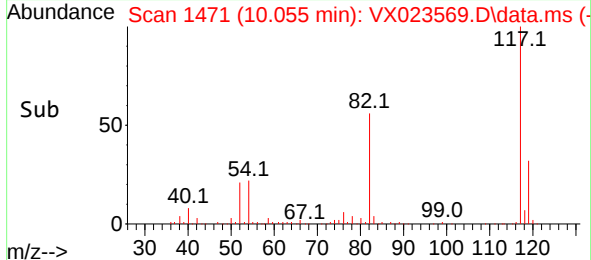
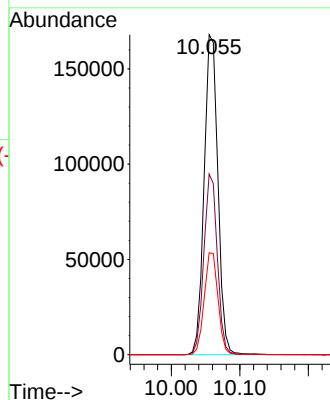
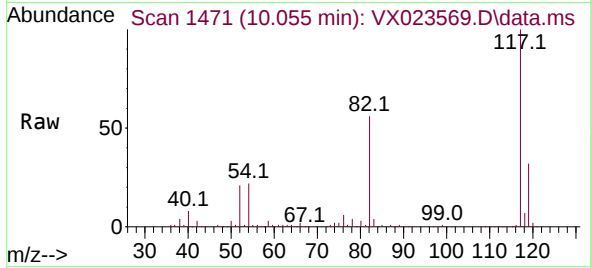




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

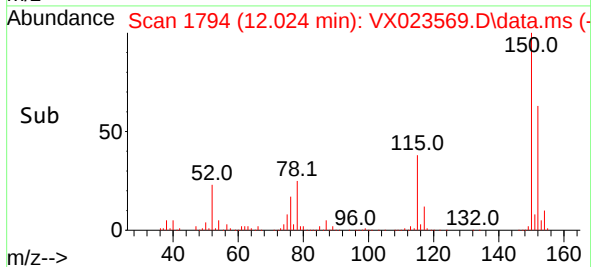
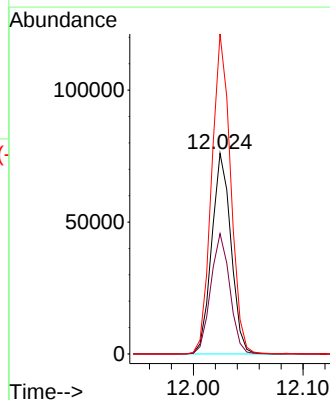
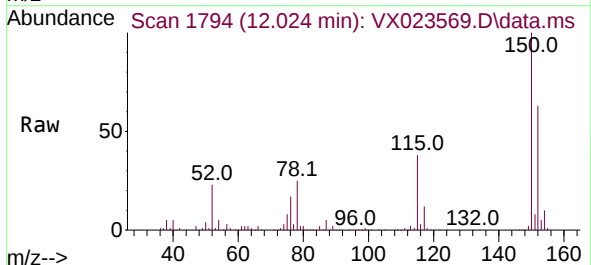
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMENDED-COM-3

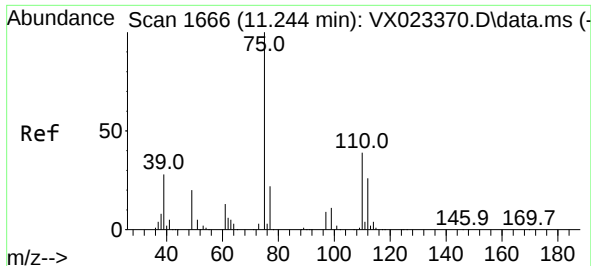
Tgt Ion:117 Resp: 235512
Ion Ratio Lower Upper
117 100
82 56.5 47.4 71.2
119 31.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion:152 Resp: 92812
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 157.4 0.0 349.0

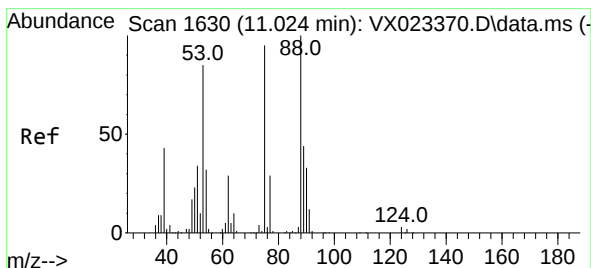
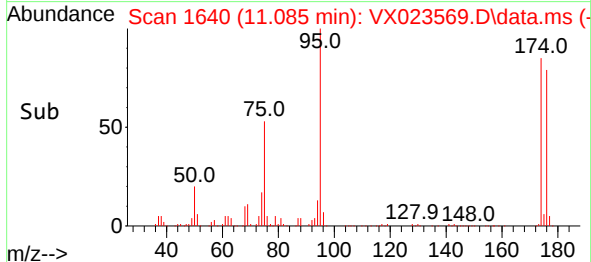
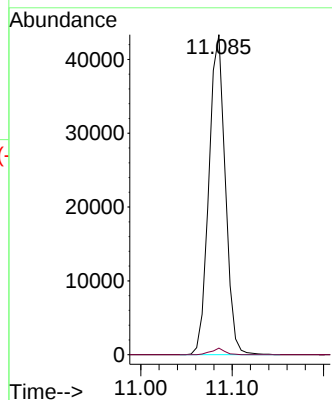
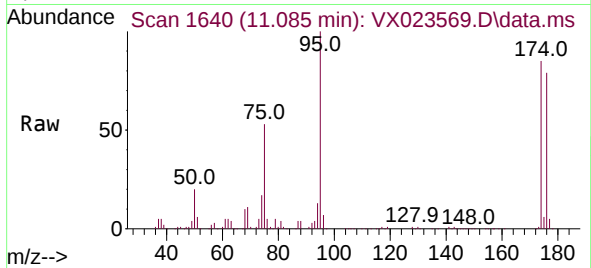




#76
1,2,3-Trichloropropane
Concen: 26.377 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

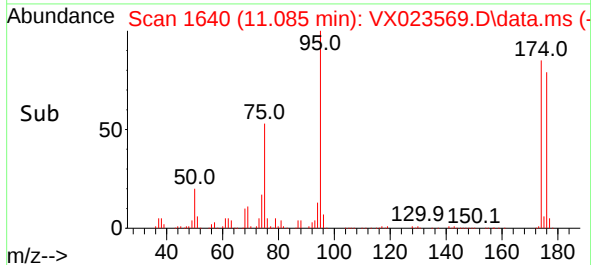
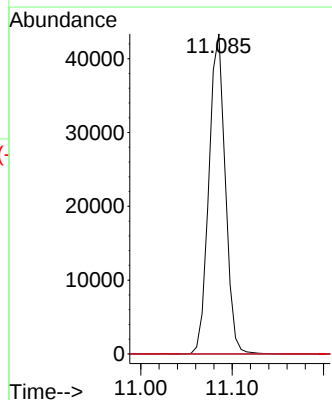
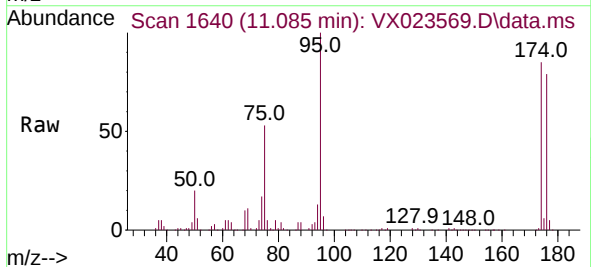
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMENDED-COM-3

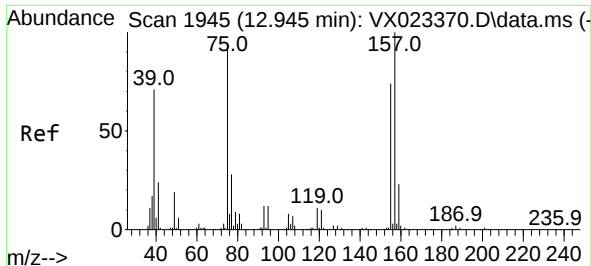
Tgt Ion: 75 Resp: 53872
Ion Ratio Lower Upper
75 100
77 1.6 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.924 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion: 75 Resp: 53872
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

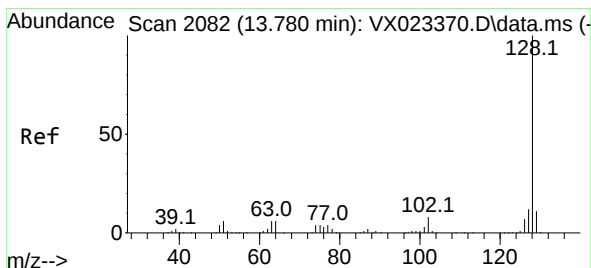
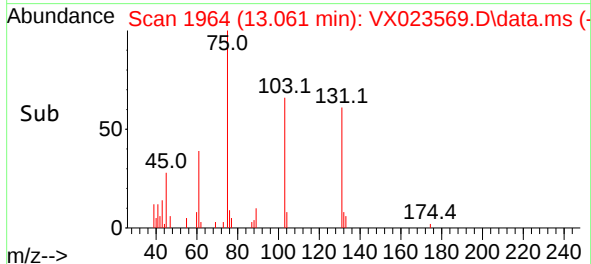
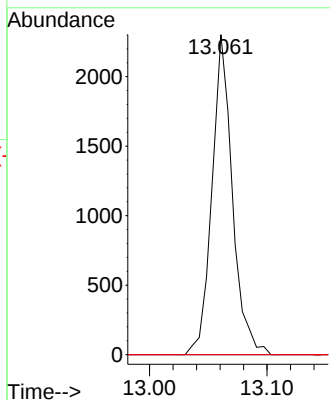
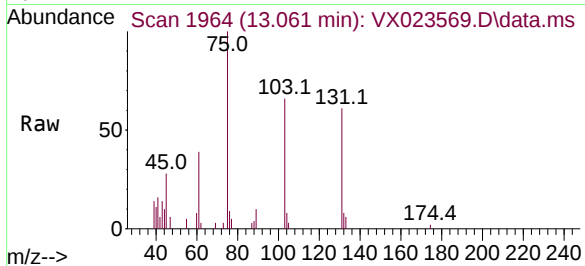




#92
1,2-Dibromo-3-Chloropropane
Concen: 6.934 ug/l
RT: 13.061 min Scan# 1964
Delta R.T. 0.116 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMENDED-COM-3

Tgt Ion: 75 Resp: 2783
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#



#95
Naphthalene
Concen: 0.321 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX023569.D
Acq: 05 Aug 2021 13:52

Tgt Ion: 128 Resp: 2101
Ion Ratio Lower Upper
128 100
127 13.8 10.3 15.5
129 9.3 8.8 13.2

