

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061621\
 Data File : VX022719.D
 Acq On : 16 Jun 2021 14:17
 Operator : JC/MD
 Sample : M2678-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-AMND-COMP-G(CL-07)RE

Quant Time: Jun 17 02:21:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

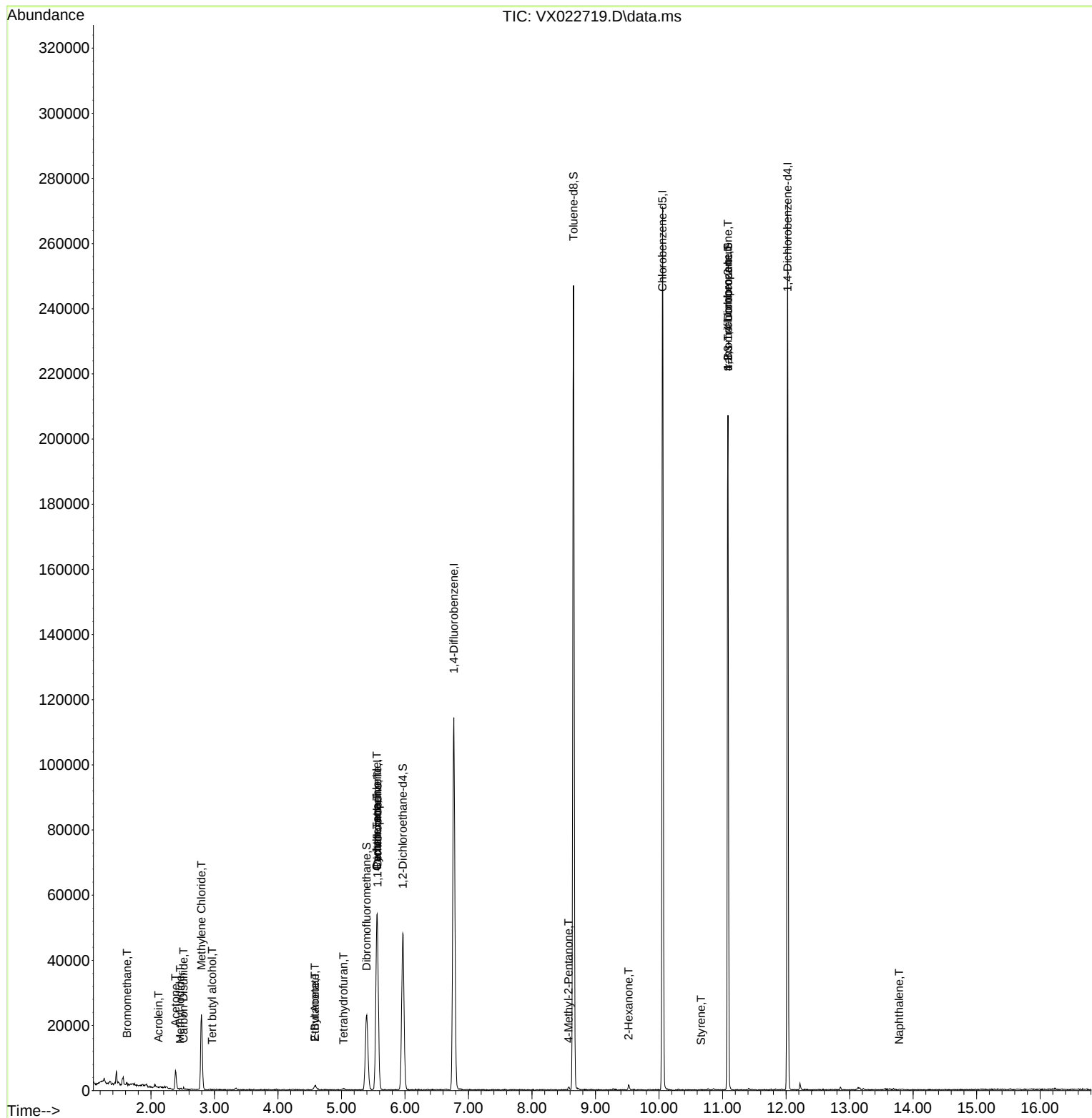
Internal Standards						
1) Pentafluorobenzene	5.562	168	44768	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	109148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	44630	55.43	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	110.86%		
35) Dibromofluoromethane	5.397	113	20029	28.76	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	57.52%#		
50) Toluene-d8	8.653	98	139832	50.94	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.88%		
62) 4-Bromofluorobenzene	11.085	95	57045	54.94	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	109.88%		
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	212	0.62	ug/l #	42
10) Methyl Iodide	2.459	142	265	0.43	ug/l #	65
11) Tert butyl alcohol	2.965	59	55	0.30	ug/l #	73
13) Acrolein	2.117	56	22	0.28	ug/l #	14
16) Acetone	2.386	43	6229	17.28	ug/l	89
17) Carbon Disulfide	2.514	76	389	0.32	ug/l #	47
20) Methylene Chloride	2.794	84	9917	14.05	ug/l #	83
25) 2-Butanone	4.580	43	1209	2.07	ug/l #	45
29) Tetrahydrofuran	5.032	42	324	0.95	ug/l #	53
31) Cyclohexane	5.556	56	1297	1.34	ug/l #	4
36) 1,1-Dichloropropene	5.568	75	4546	4.18	ug/l #	47
37) Ethyl Acetate	4.580	43	1209	0.87	ug/l #	64
38) Carbon Tetrachloride	5.556	117	5397	5.80	ug/l #	16
51) 4-Methyl-2-Pentanone	8.574	43	644	0.46	ug/l	90
59) 2-Hexanone	9.519	43	241	0.23	ug/l #	19
70) Styrene	10.659	104	30	1.46	ug/l #	26
76) 1,2,3-Trichloropropane	11.085	75	30012	24.15	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	30012	61.01	ug/l #	12
95) Naphthalene	13.780	128	165	1.51	ug/l #	69

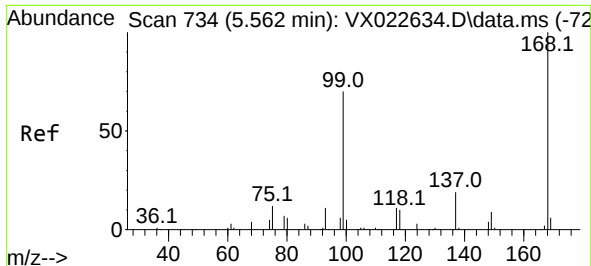
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SPLP-AMND-COMP-G(CL-07)RE

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Quant Title : SW846 8260
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Response via : Initial Calibration

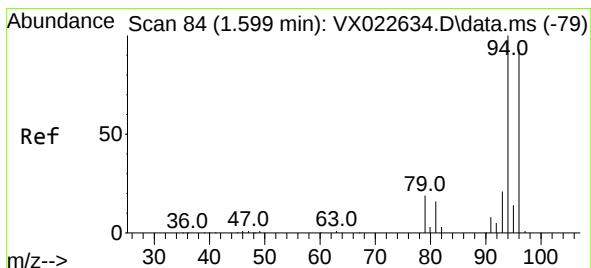
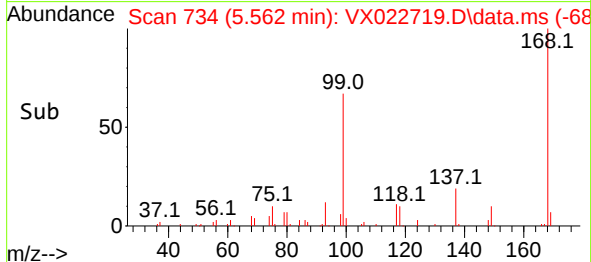
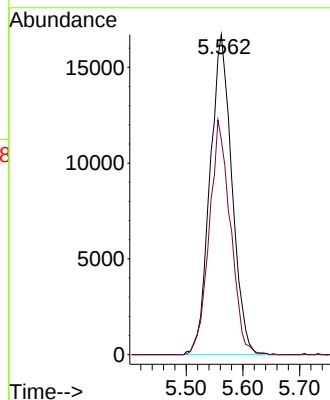
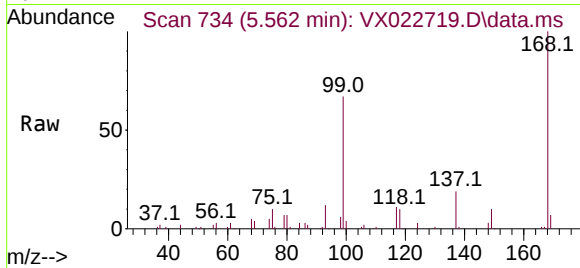




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

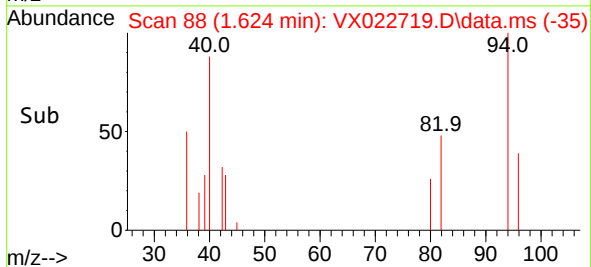
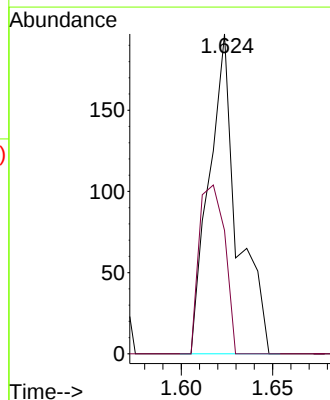
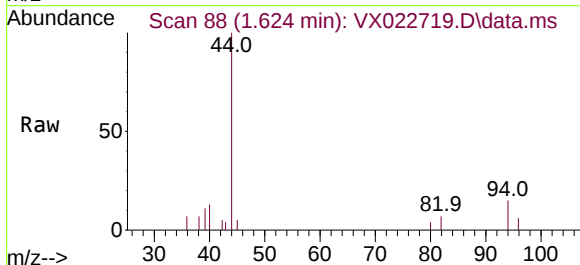
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)RE

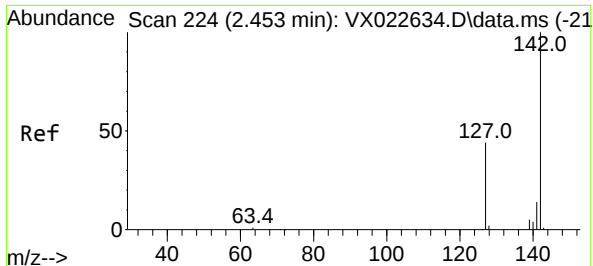
Tgt Ion:168 Resp: 44768
Ion Ratio Lower Upper
168 100
99 67.2 45.8 68.6



#5
Bromomethane
Concen: 0.62 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.025 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

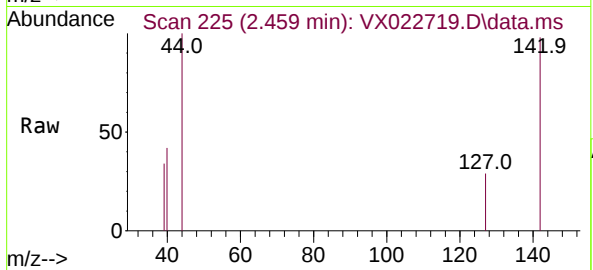
Tgt Ion: 94 Resp: 212
Ion Ratio Lower Upper
94 100
96 38.6 76.4 114.6#



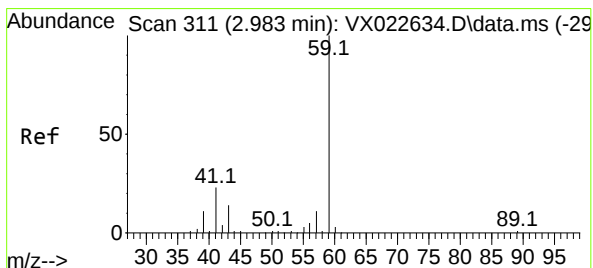
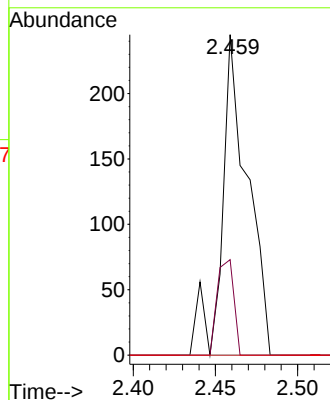
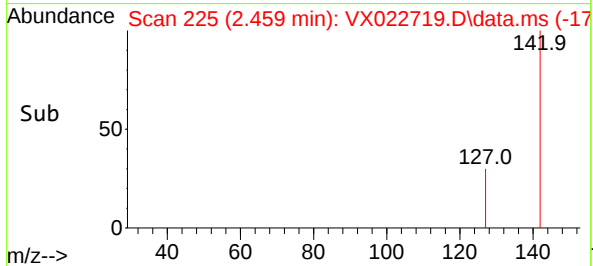


#10
Methyl Iodide
Concen: 0.43 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

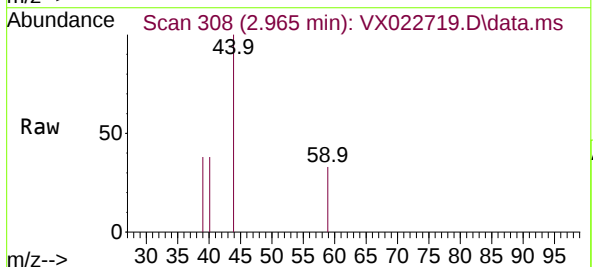
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)RE



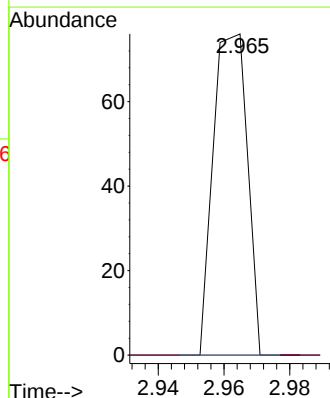
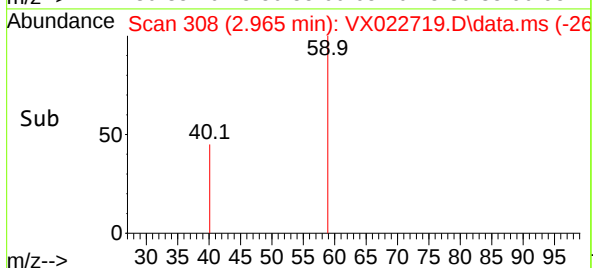
Tgt Ion:142 Resp: 265
Ion Ratio Lower Upper
142 100
127 19.2 33.3 49.9#
141 0.0 11.4 17.0#

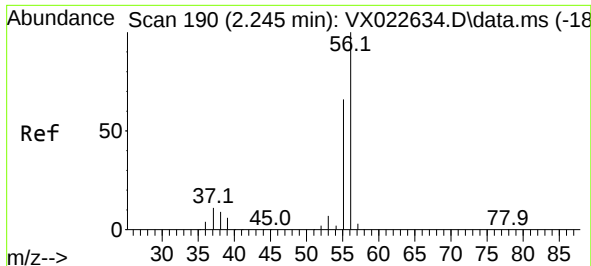


#11
Tert butyl alcohol
Concen: 0.30 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17



Tgt Ion: 59 Resp: 55
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

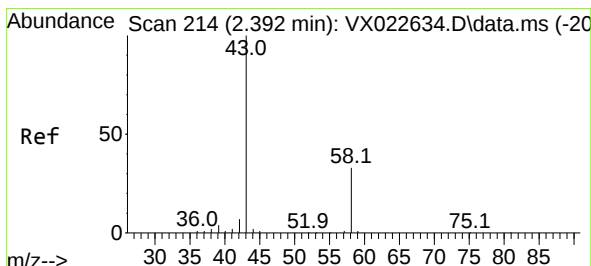
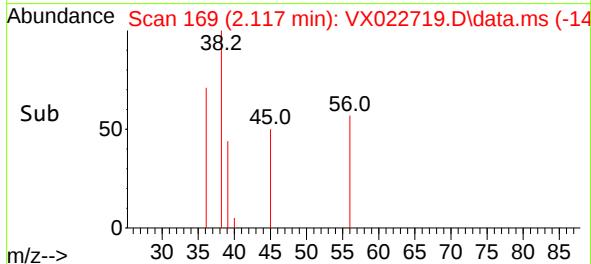
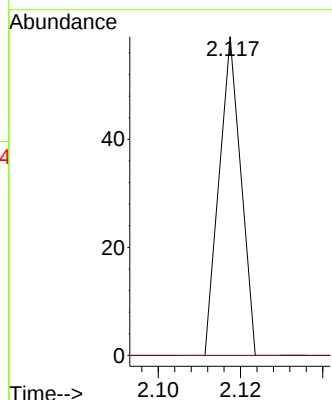
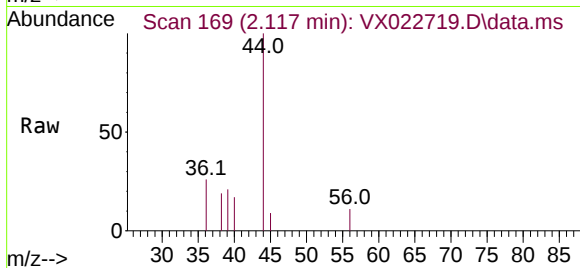




#13
Acrolein
Concen: 0.28 ug/l
RT: 2.117 min Scan# 169
Delta R.T. -0.122 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

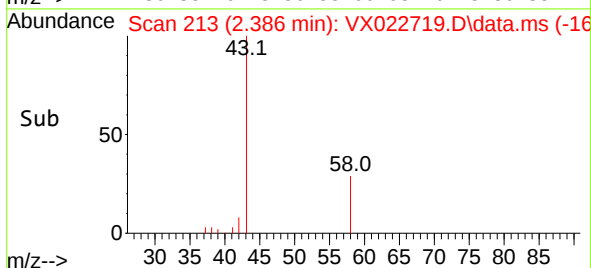
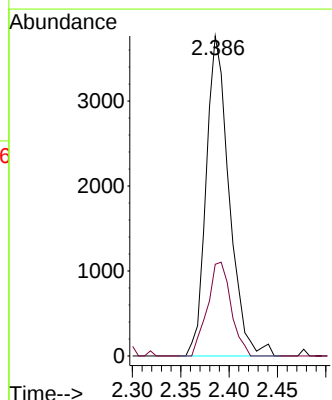
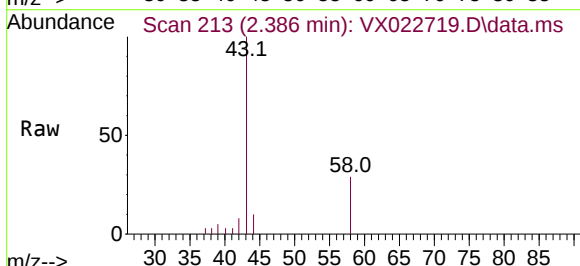
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)RE

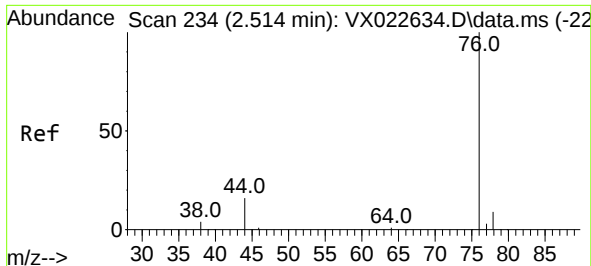
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 17.28 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

Tgt Ion: 43 Resp: 6229
Ion Ratio Lower Upper
43 100
58 28.7 27.8 41.8

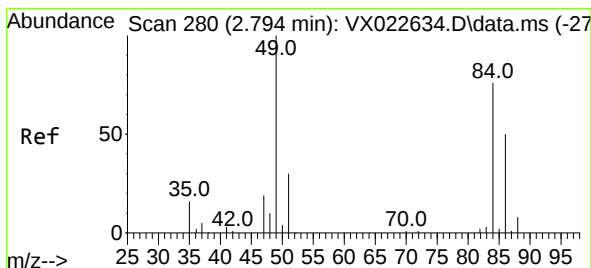
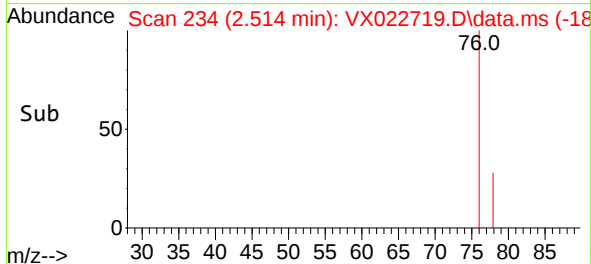
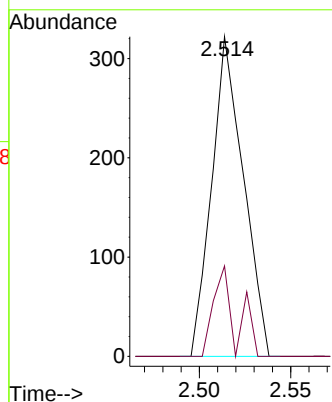
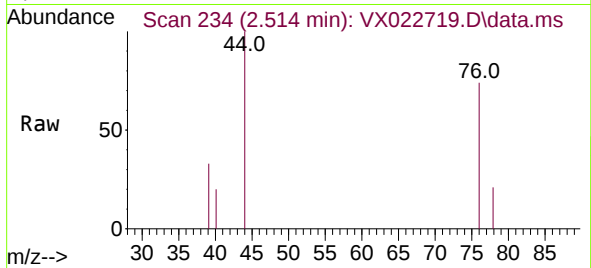




#17
Carbon Disulfide
Concen: 0.32 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

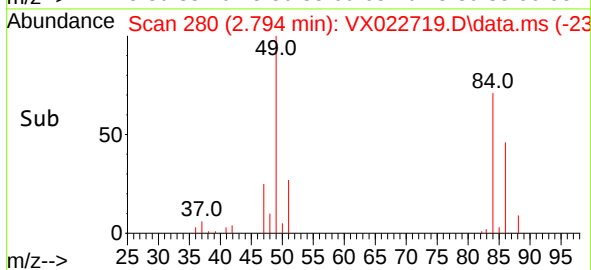
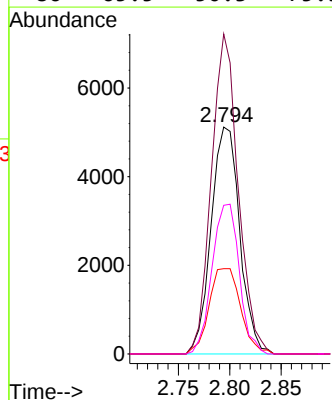
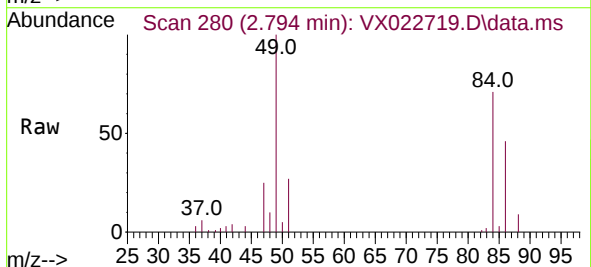
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)RE

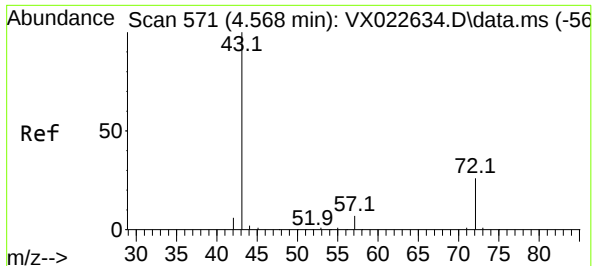
Tgt Ion: 76 Resp: 389
Ion Ratio Lower Upper
76 100
78 28.3 7.2 10.8#



#20
Methylene Chloride
Concen: 14.05 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

Tgt Ion: 84 Resp: 9917
Ion Ratio Lower Upper
84 100
49 141.0 88.6 132.8#
51 37.6 27.0 40.6
86 65.5 50.3 75.5





#25

2-Butanone

Concen: 2.07 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022719.D

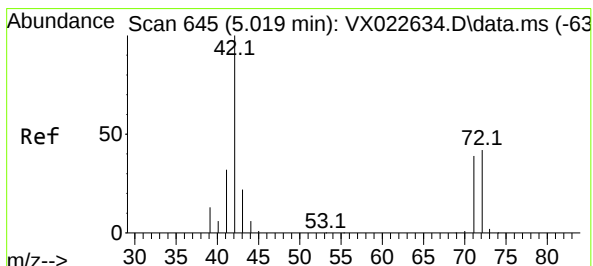
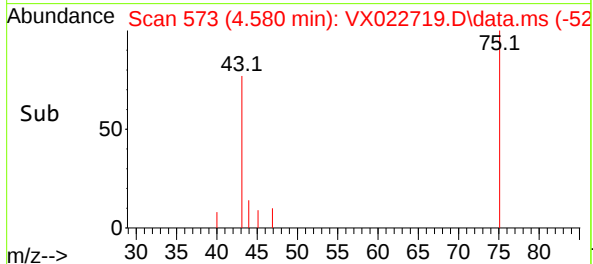
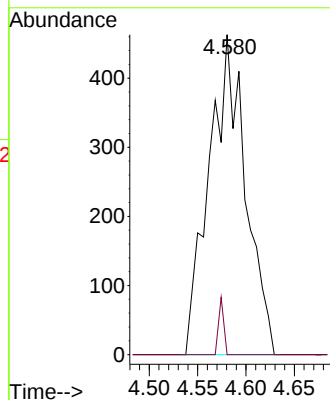
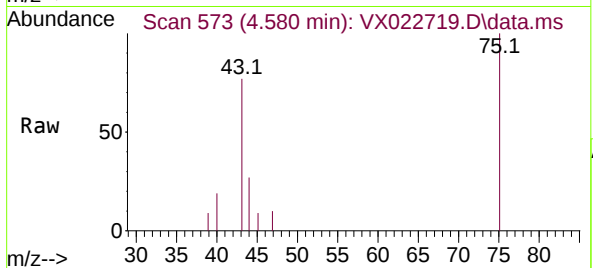
Acq: 16 Jun 2021 14:17

Tgt Ion: 43 Resp: 1209

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.95 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.019 min

Lab File: VX022719.D

Acq: 16 Jun 2021 14:17

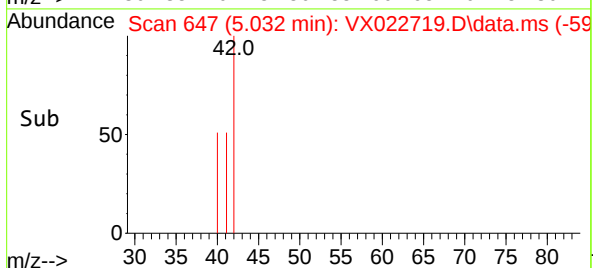
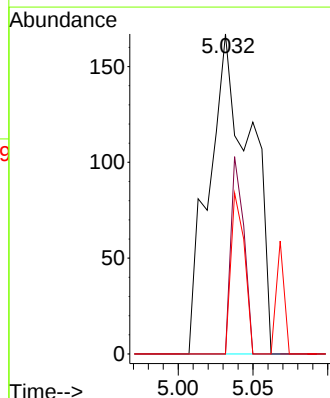
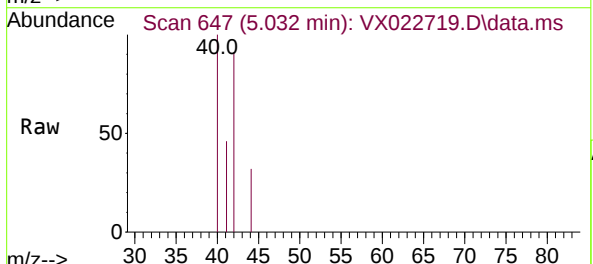
Tgt Ion: 42 Resp: 324

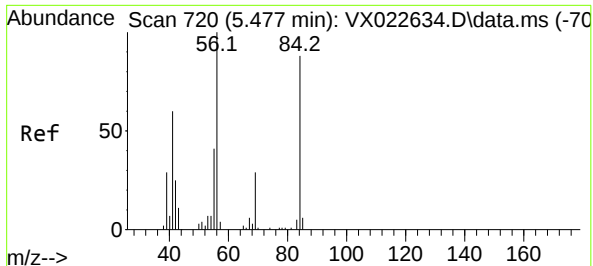
Ion Ratio Lower Upper

42 100

72 19.1 41.7 62.5#

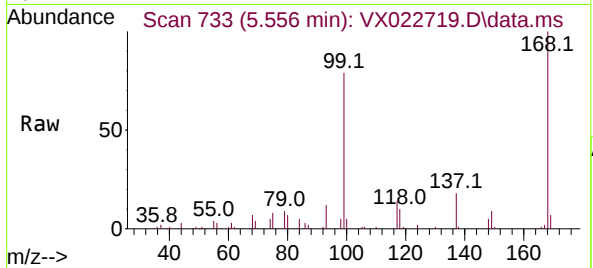
71 16.4 38.4 57.6#



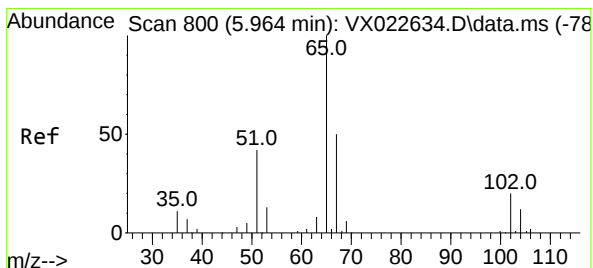
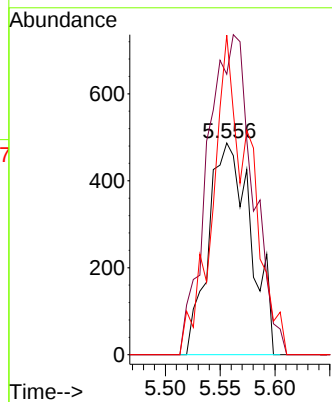
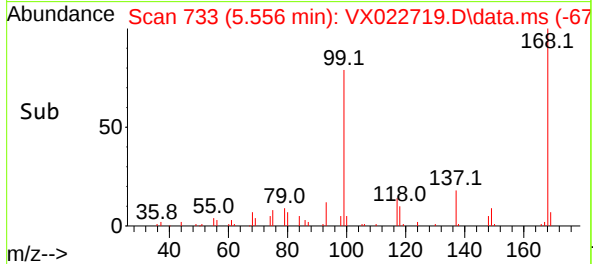


#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

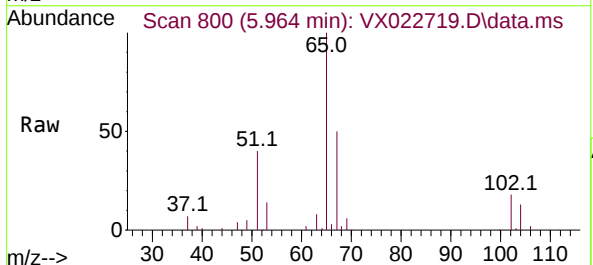
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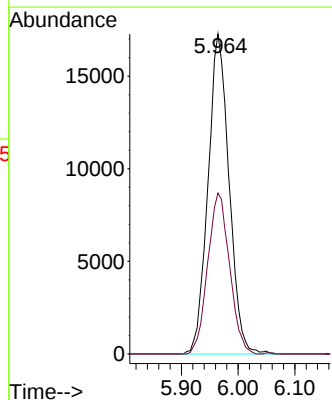
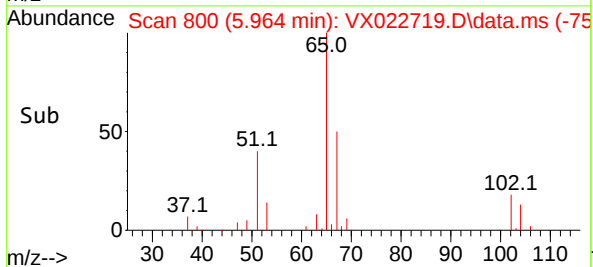
Tgt Ion: 56 Resp: 1297
Ion Ratio Lower Upper
56 100
69 132.4 25.3 37.9#
84 150.9 71.4 107.0#

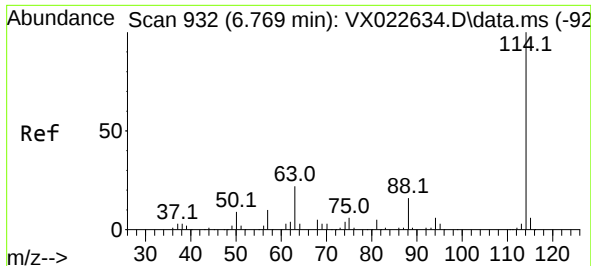


#33
1,2-Dichloroethane-d4
Concen: 55.43 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17



Tgt Ion: 65 Resp: 44630
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

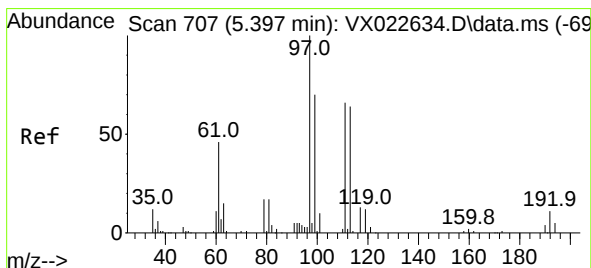
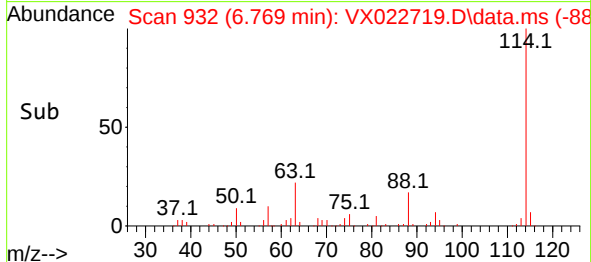
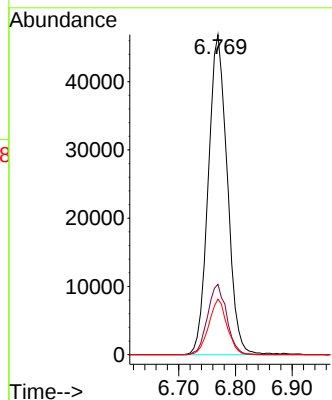
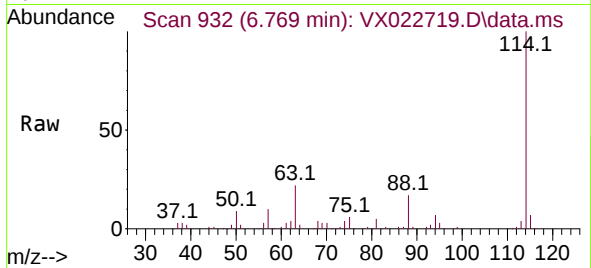




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

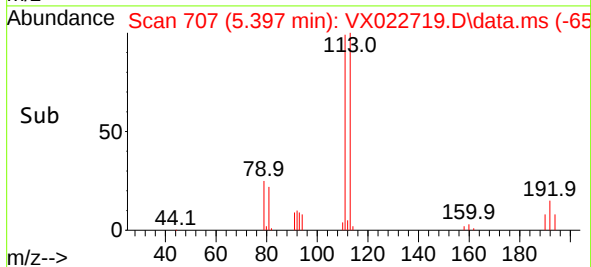
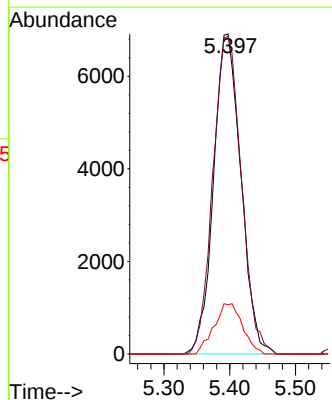
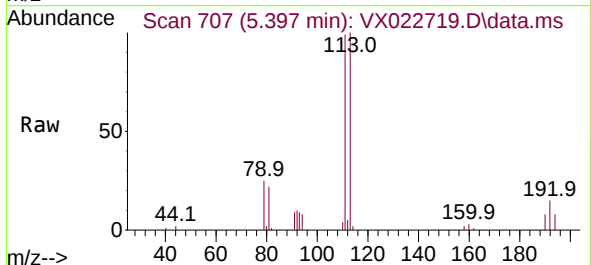
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)RE

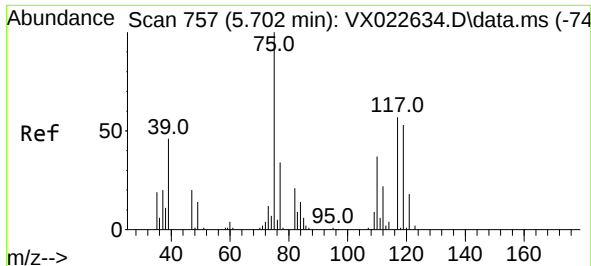
Tgt Ion:114 Resp: 109148
Ion Ratio Lower Upper
114 100
63 22.0 0.0 40.8
88 17.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 28.76 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

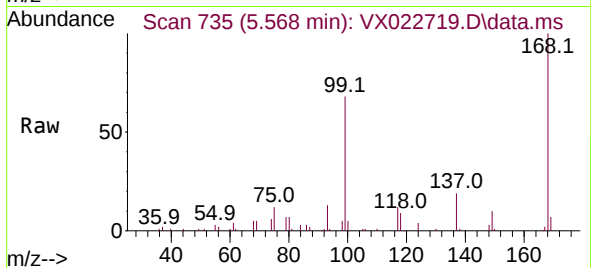
Tgt Ion:113 Resp: 20029
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 16.4 16.7 25.1#



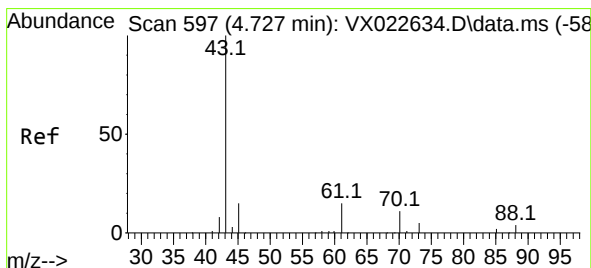
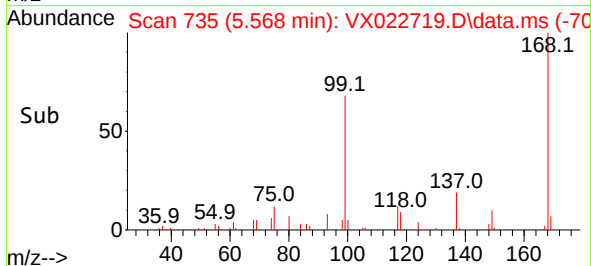
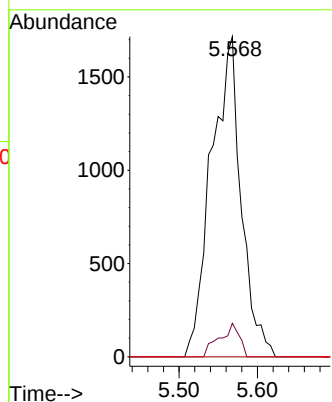


#36
1,1-Dichloropropene
Concen: 4.18 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.134 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)RE

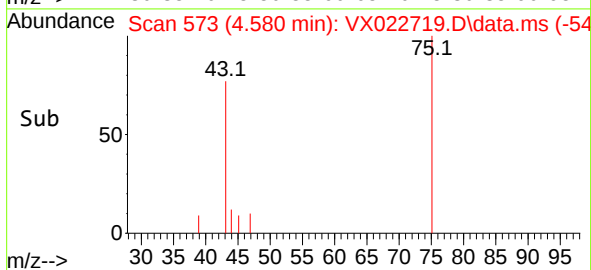
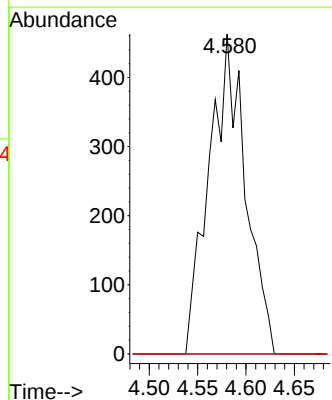
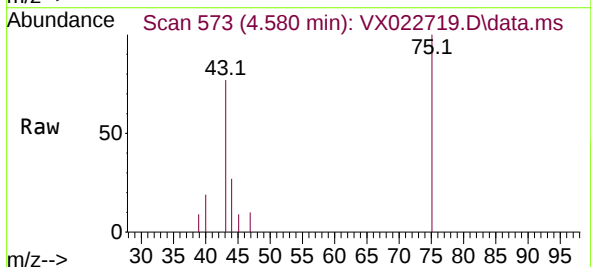


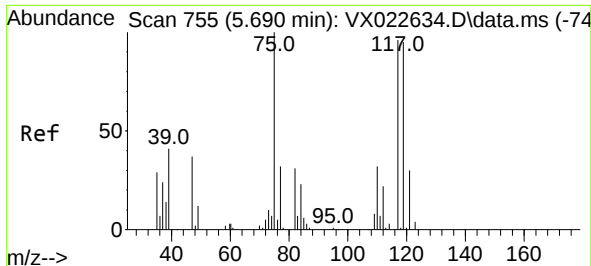
Tgt Ion: 75 Resp: 4546
Ion Ratio Lower Upper
75 100
110 7.0 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.87 ug/l
RT: 4.580 min Scan# 573
Delta R.T. -0.147 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

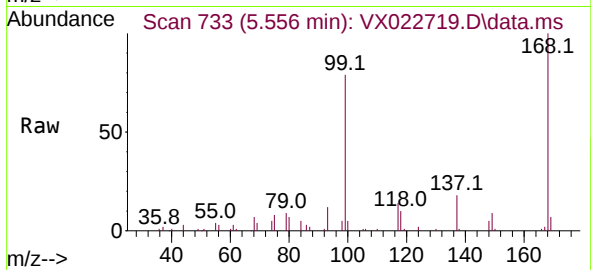
Tgt Ion: 43 Resp: 1209
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



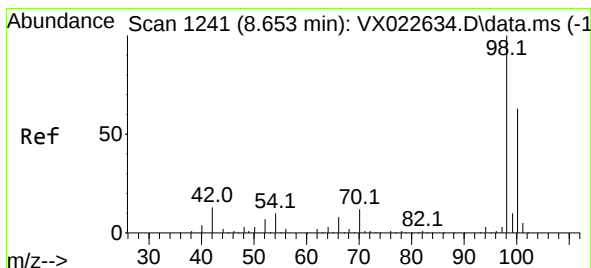
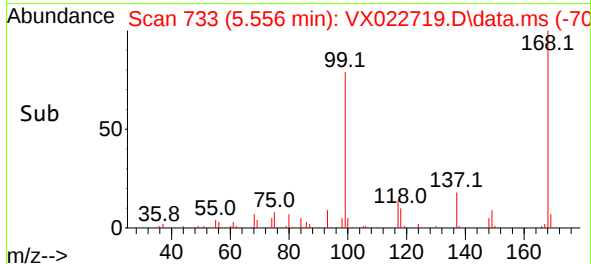
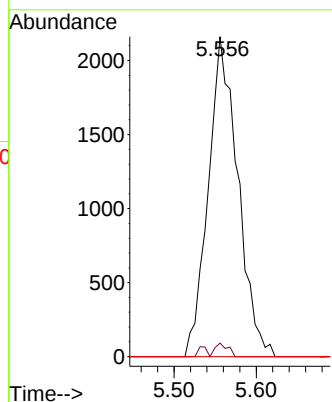


#38
Carbon Tetrachloride
Concen: 5.80 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)RE

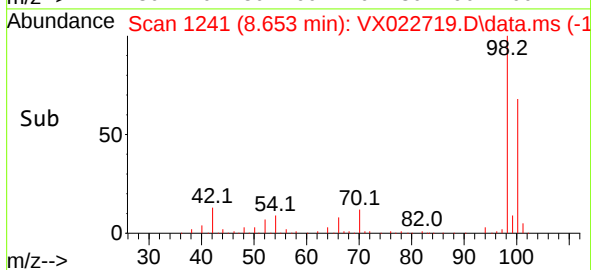
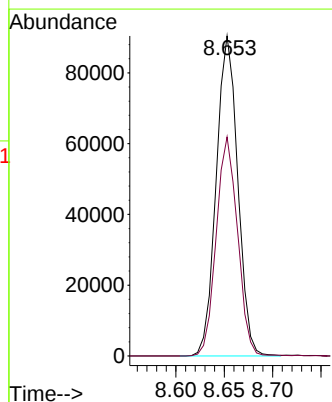
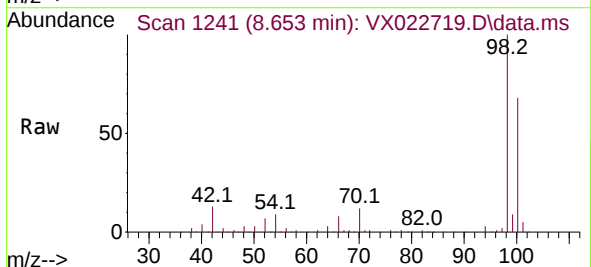


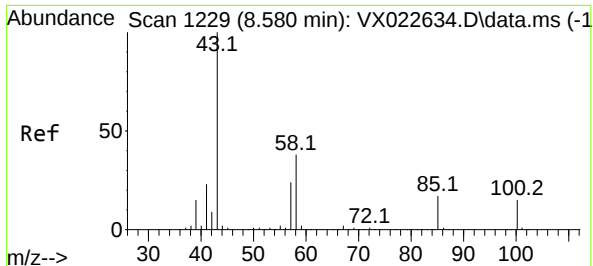
Tgt Ion:117 Resp: 5397
Ion Ratio Lower Upper
117 100
119 4.3 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.94 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

Tgt Ion: 98 Resp: 139832
Ion Ratio Lower Upper
98 100
100 67.6 51.9 77.9

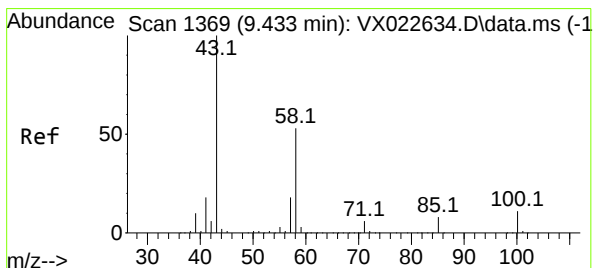
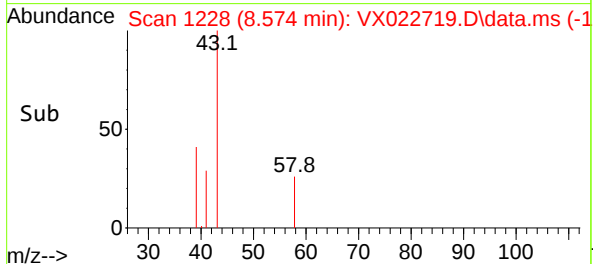
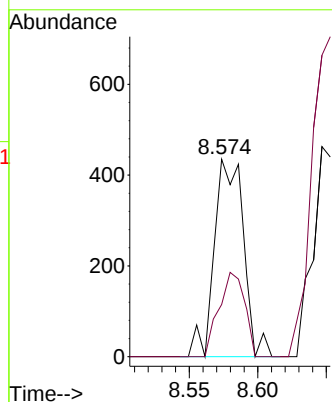
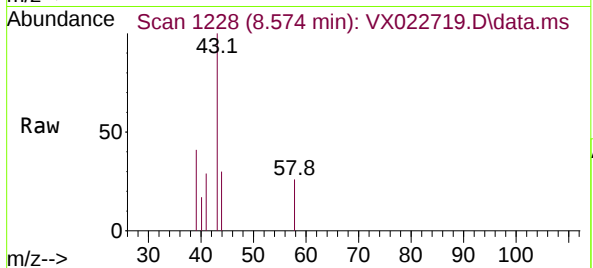




#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

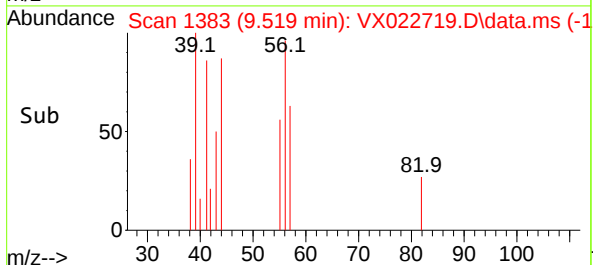
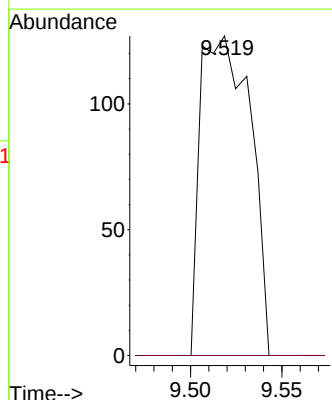
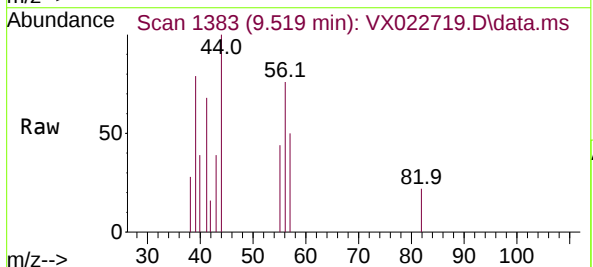
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)RE

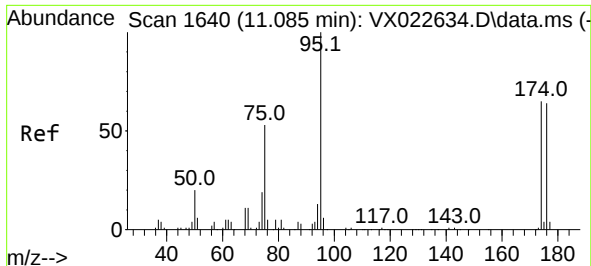
Tgt Ion: 43 Resp: 644
Ion Ratio Lower Upper
43 100
58 37.4 35.4 53.0



#59
2-Hexanone
Concen: 0.23 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.086 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

Tgt Ion: 43 Resp: 241
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

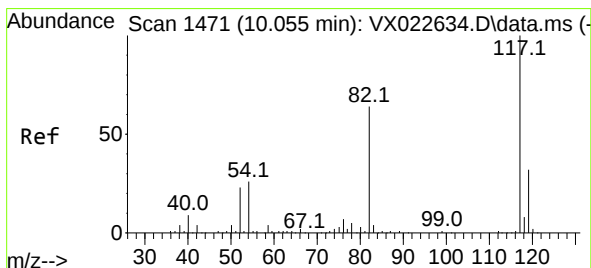
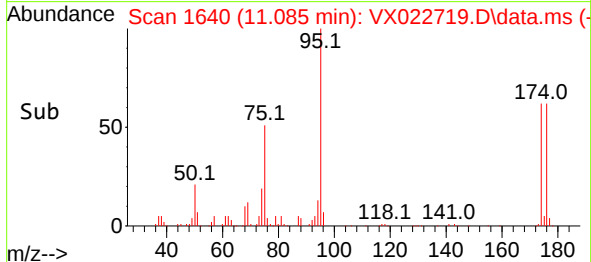
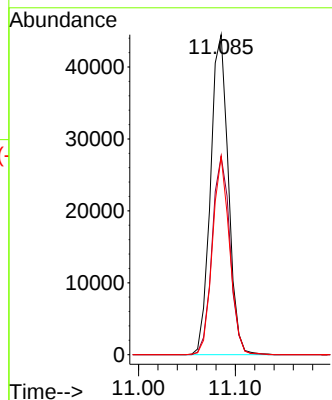
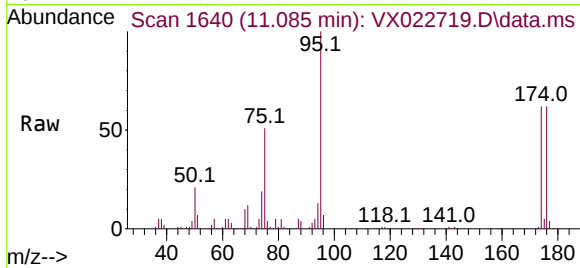




#62
4-Bromofluorobenzene
Concen: 54.94 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

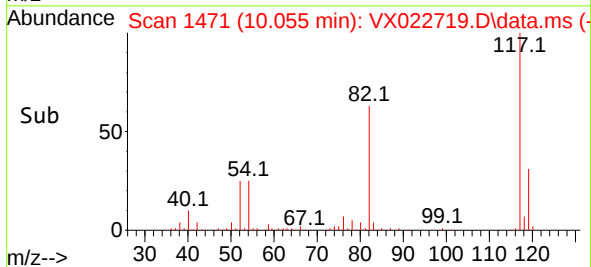
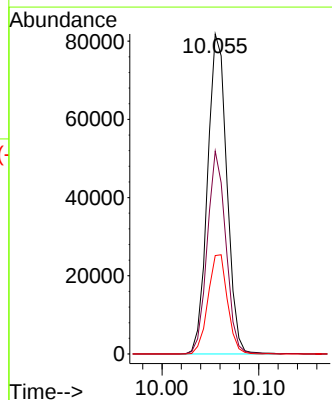
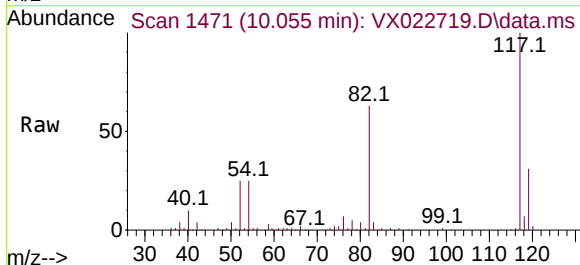
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)RE

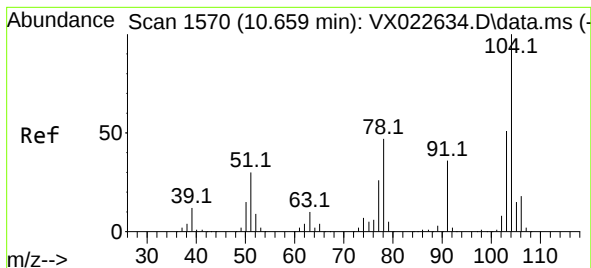
Tgt Ion: 95 Resp: 57045
Ion Ratio Lower Upper
95 100
174 62.1 0.0 154.6
176 59.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

Tgt Ion: 117 Resp: 113425
Ion Ratio Lower Upper
117 100
82 63.4 47.4 71.2
119 30.7 26.6 39.8





#70

Styrene

Concen: 1.46 ug/l

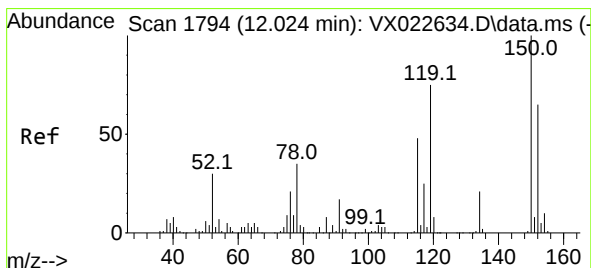
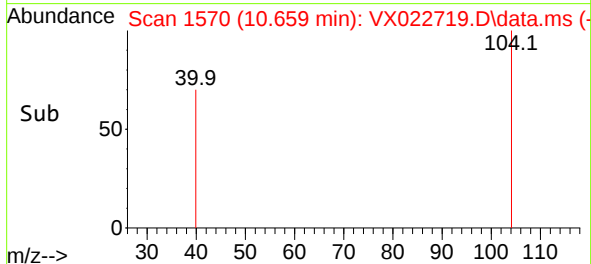
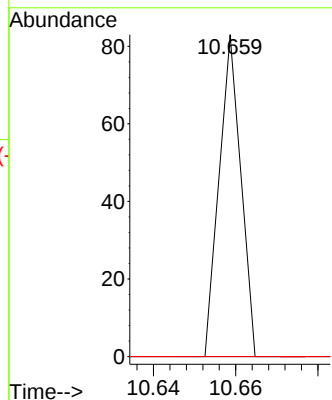
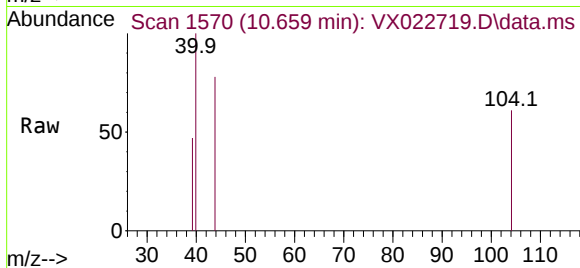
RT: 10.659 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VX022719.D

Acq: 16 Jun 2021 14:17

Tgt Ion:	104	Resp:	30
Ion Ratio	Lower	Upper	
104	100		
78	0.0	40.0	60.0#
103	0.0	43.4	65.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

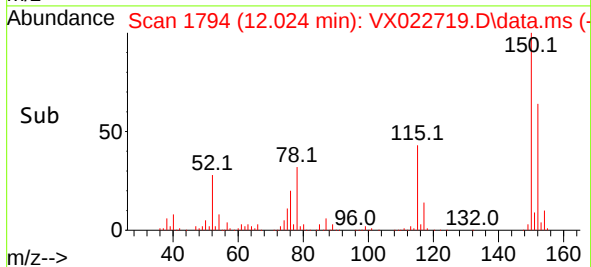
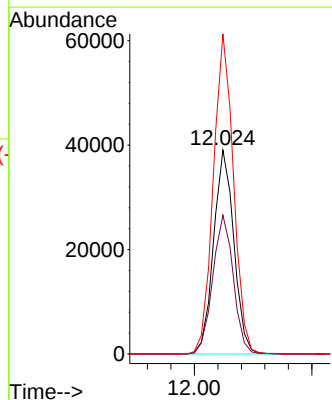
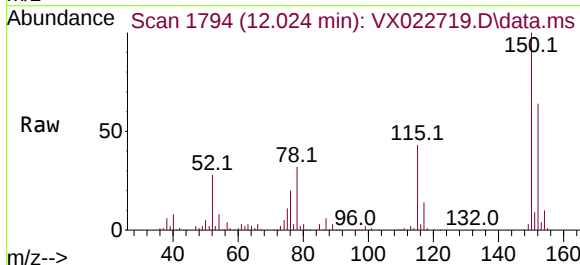
RT: 12.024 min Scan# 1794

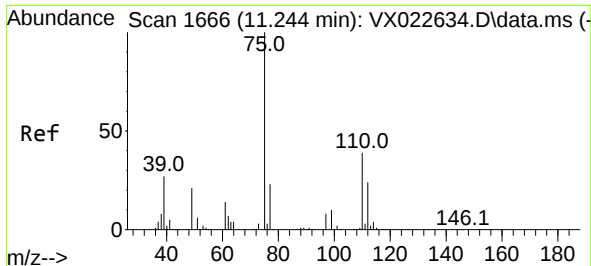
Delta R.T. -0.000 min

Lab File: VX022719.D

Acq: 16 Jun 2021 14:17

Tgt Ion:	152	Resp:	46871
Ion Ratio	Lower	Upper	
152	100		
115	68.9	41.1	123.3
150	155.7	0.0	349.0

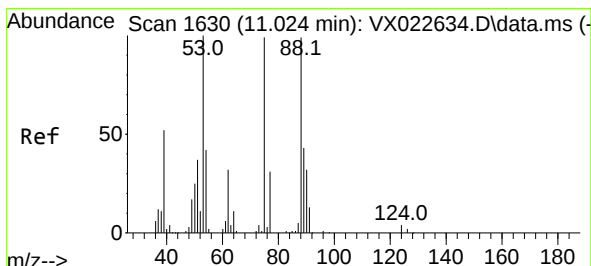
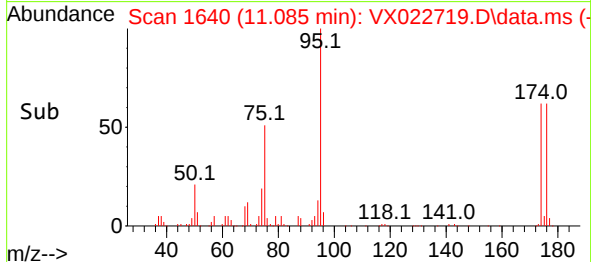
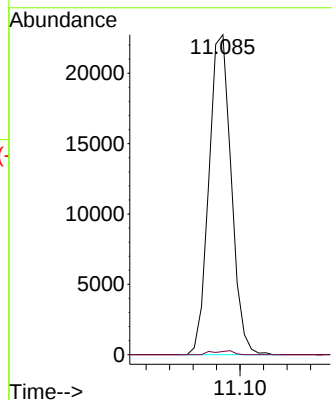
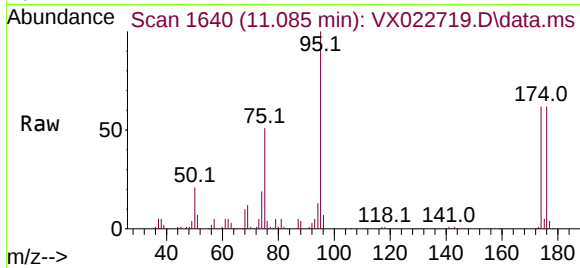




#76
1,2,3-Trichloropropane
Concen: 24.15 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

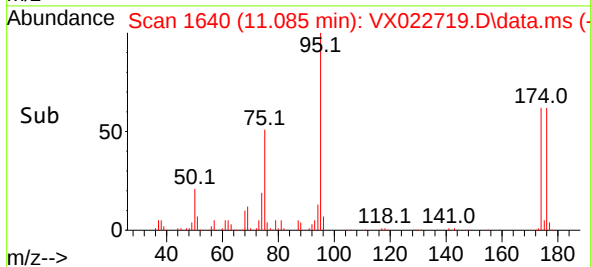
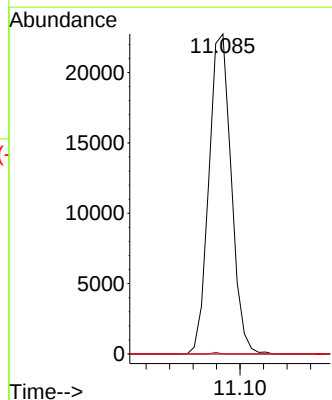
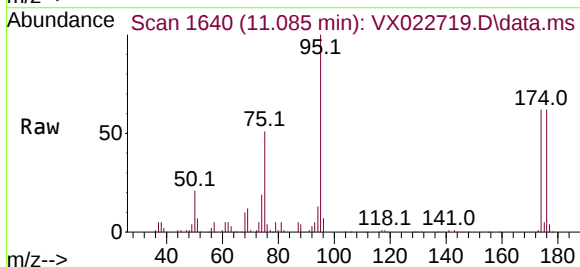
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)RE

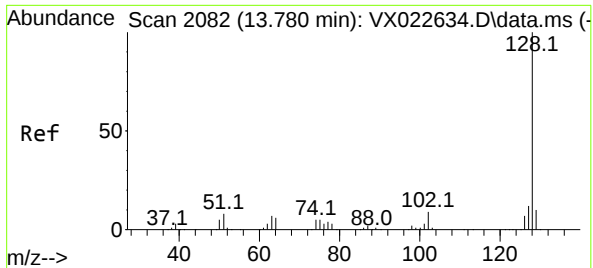
Tgt Ion: 75 Resp: 30012
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.01 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

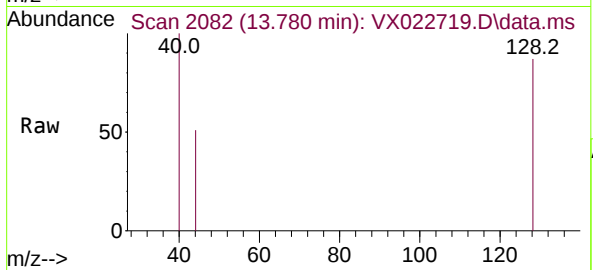
Tgt Ion: 75 Resp: 30012
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#





#95
Naphthalene
Concen: 1.51 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022719.D
Acq: 16 Jun 2021 14:17

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-G(CL-07)RE



Tgt Ion:	128	Resp:	165
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

