

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061621\
 Data File : VX022722.D
 Acq On : 16 Jun 2021 15:27
 Operator : JC/MD
 Sample : M2709-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-AMND-COMP-N(CL-22)RE

Quant Time: Jun 17 02:22:26 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	5.568	168	43805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	106135	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	46670	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	43035	54.63	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	109.26%
35) Dibromofluoromethane	5.397	113	23994	35.43	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	70.86%#
50) Toluene-d8	8.653	98	137954	51.68	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.36%
62) 4-Bromofluorobenzene	11.085	95	56690	56.15	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.30%

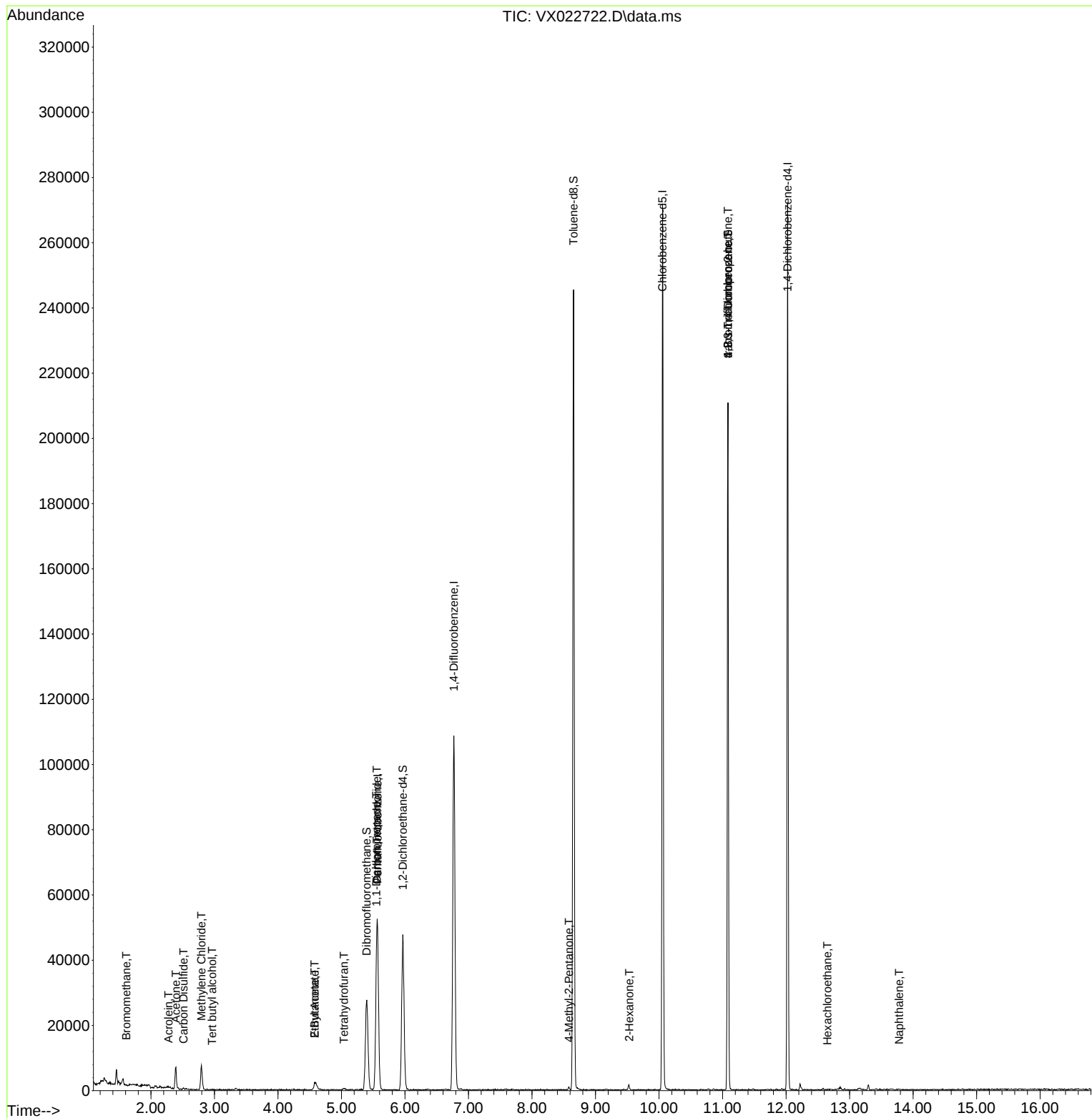
Target Compounds						Qvalue
5) Bromomethane	1.611	94	153	0.46	ug/l #	2
11) Tert butyl alcohol	2.965	59	86	0.47	ug/l #	73
13) Acrolein	2.276	56	42	0.55	ug/l #	1
16) Acetone	2.392	43	6828	19.36	ug/l	99
17) Carbon Disulfide	2.514	76	519	0.43	ug/l #	75
20) Methylene Chloride	2.794	84	3037	4.20	ug/l	93
25) 2-Butanone	4.574	43	1483	2.59	ug/l #	86
29) Tetrahydrofuran	5.038	42	346	1.04	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	4383	4.14	ug/l #	41
37) Ethyl Acetate	4.574	43	1483	1.10	ug/l #	64
38) Carbon Tetrachloride	5.556	117	5206	5.76	ug/l #	12
51) 4-Methyl-2-Pentanone	8.580	43	621	0.46	ug/l #	80
59) 2-Hexanone	9.531	43	275	0.27	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	30138	24.36	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	30138	61.48	ug/l #	12
90) Hexachloroethane	12.652	117	51	3.76	ug/l #	9
95) Naphthalene	13.780	128	83	1.49	ug/l #	69

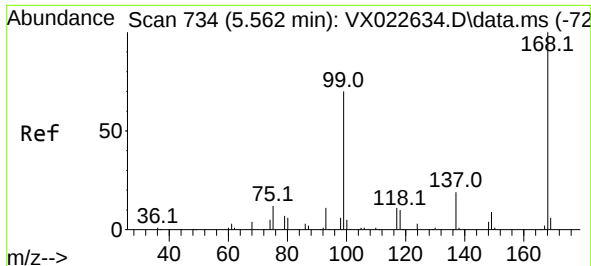
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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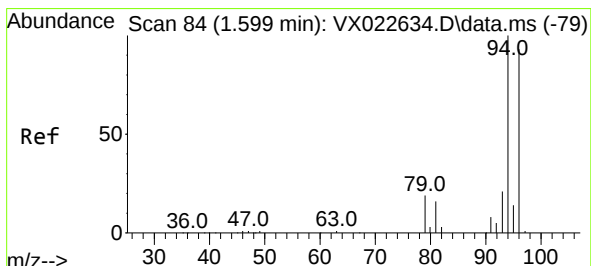
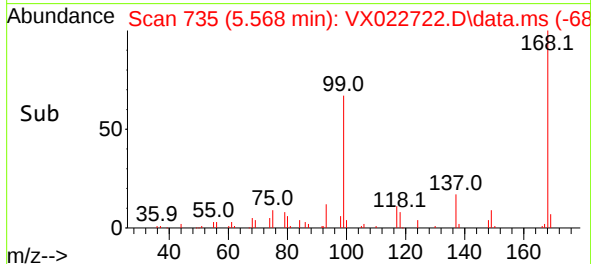
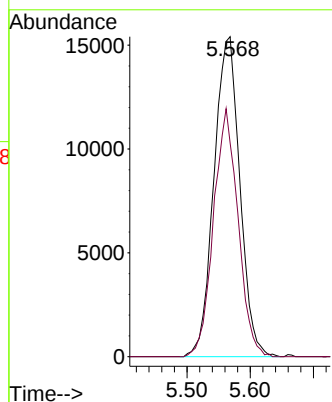
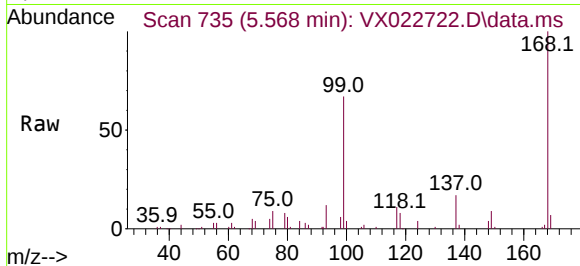




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

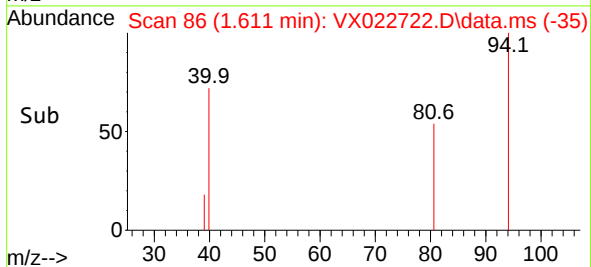
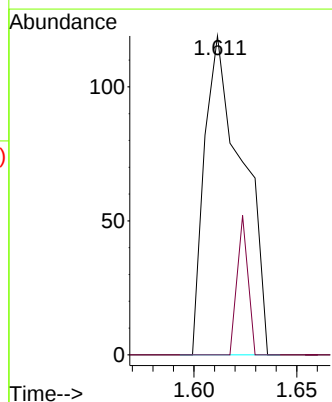
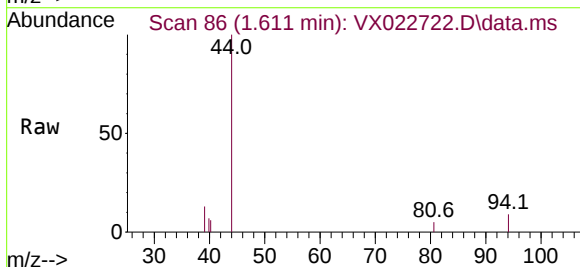
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-N(CL-22)RE

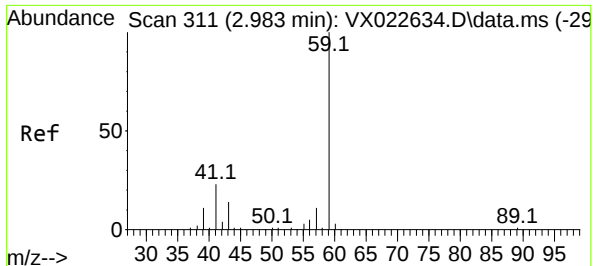
Tgt Ion:168 Resp: 43805
Ion Ratio Lower Upper
168 100
99 66.8 45.8 68.6



#5
Bromomethane
Concen: 0.46 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Tgt Ion: 94 Resp: 153
Ion Ratio Lower Upper
94 100
96 0.0 76.4 114.6#



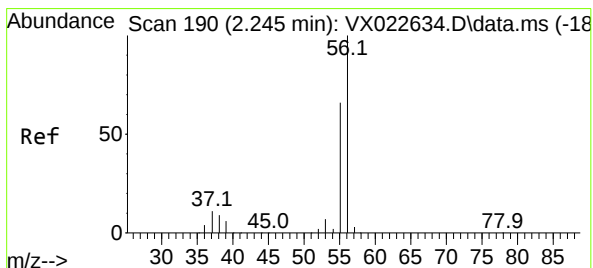
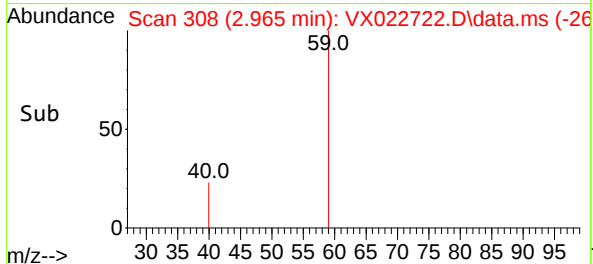
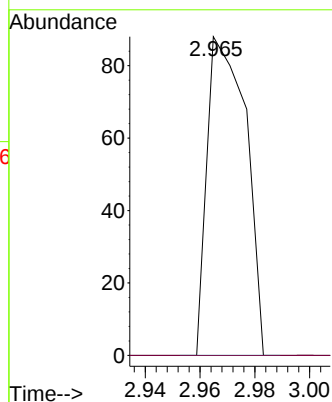
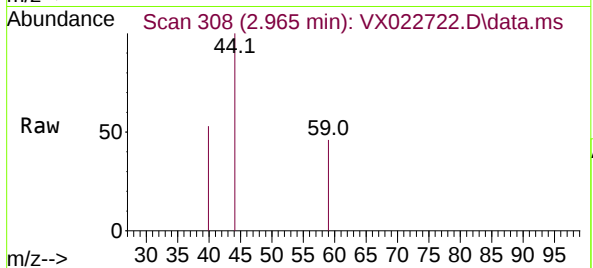


#11

Tert butyl alcohol
Concen: 0.47 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-N(CL-22)RE

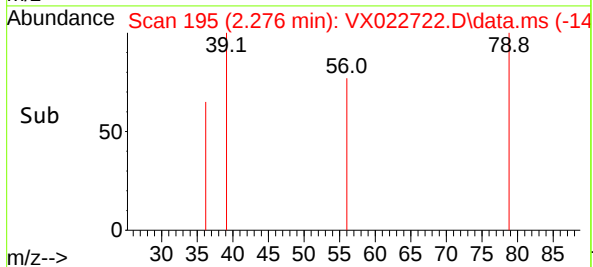
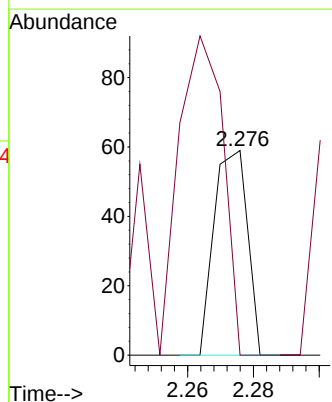
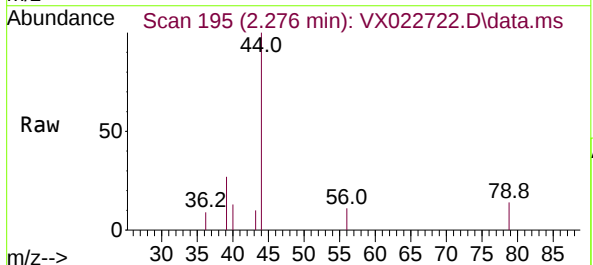
Tgt Ion: 59 Resp: 86
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

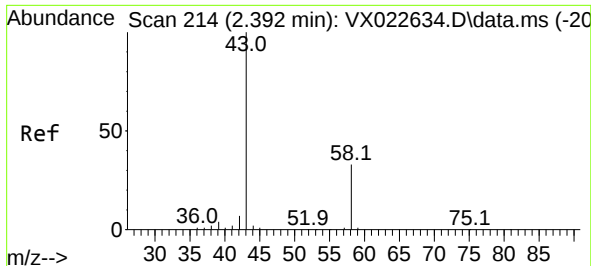


#13

Acrolein
Concen: 0.55 ug/l
RT: 2.276 min Scan# 195
Delta R.T. 0.037 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 252.4 56.4 84.6#

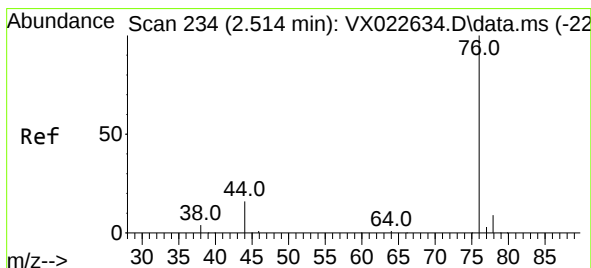
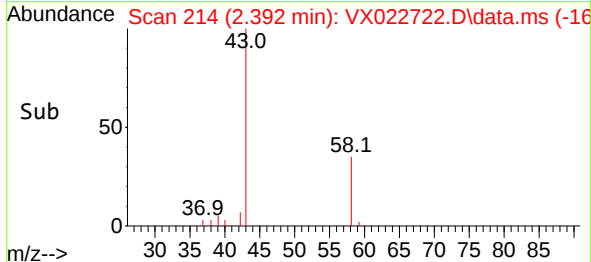
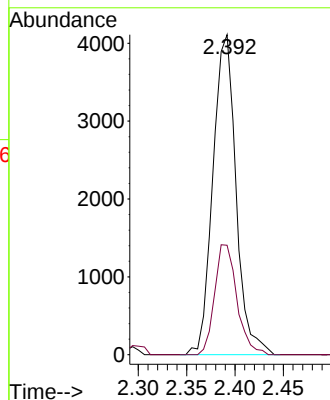
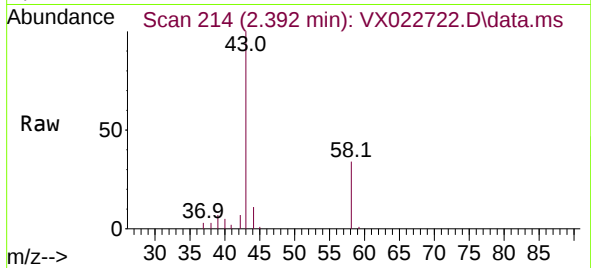




#16
Acetone
Concen: 19.36 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

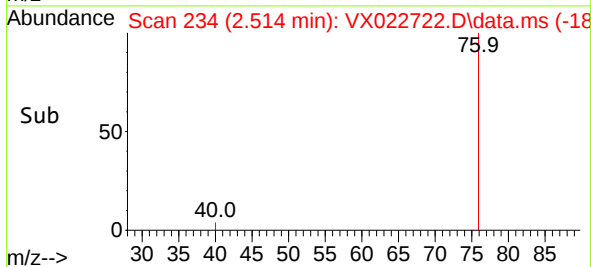
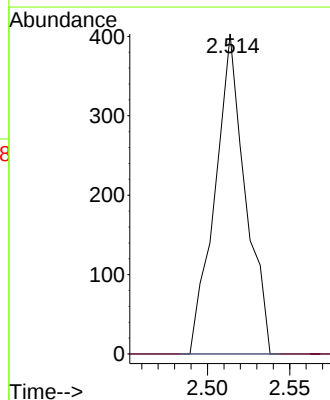
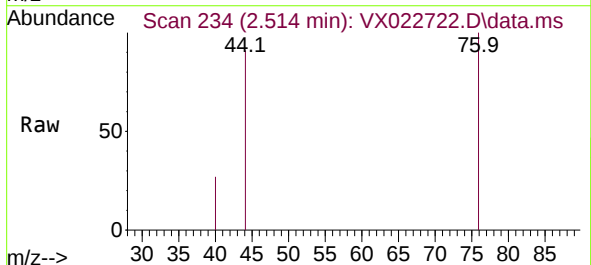
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-N(CL-22)RE

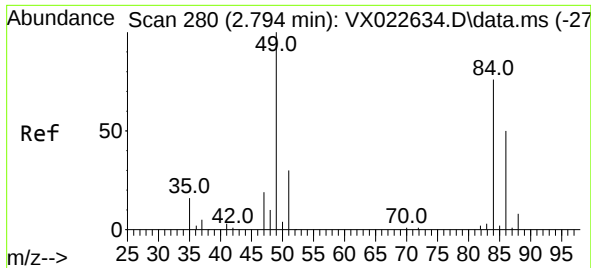
Tgt Ion: 43 Resp: 6828
Ion Ratio Lower Upper
43 100
58 34.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.43 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Tgt Ion: 76 Resp: 519
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

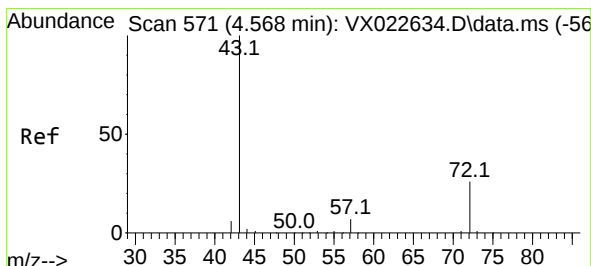
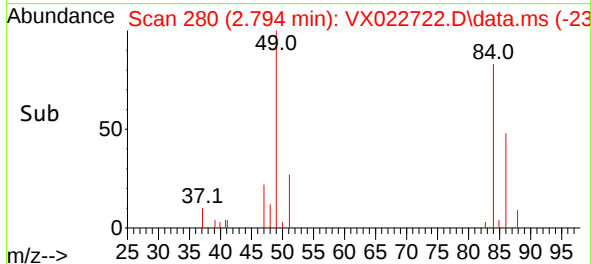
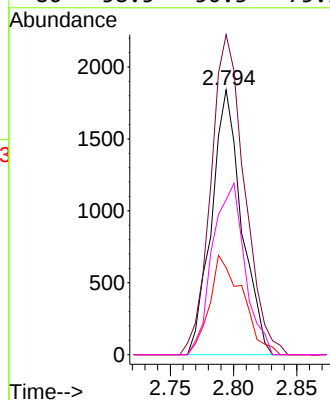
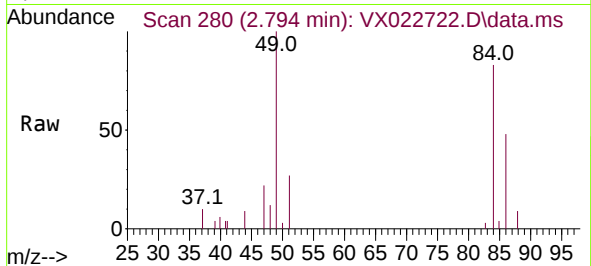




#20
Methylene Chloride
Concen: 4.20 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

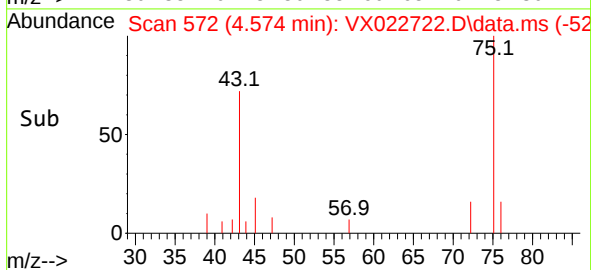
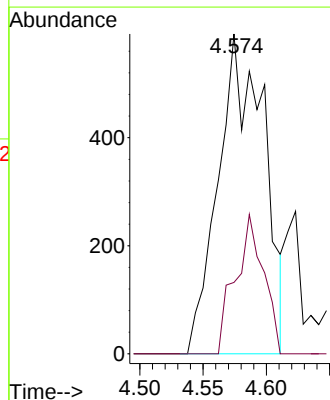
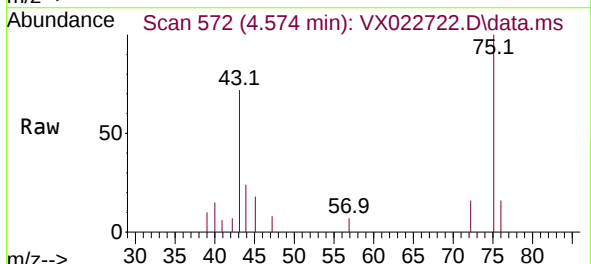
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-N(CL-22)RE

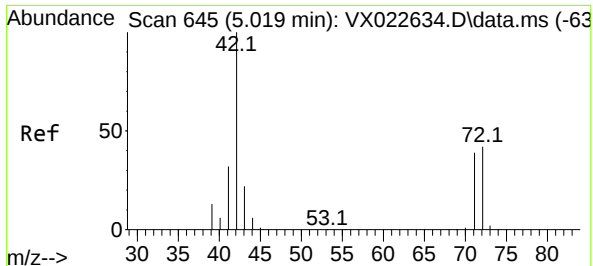
Tgt Ion:	84	Resp:	3037
Ion	Ratio	Lower	Upper
84	100		
49	120.9	88.6	132.8
51	32.9	27.0	40.6
86	58.5	50.3	75.5



#25
2-Butanone
Concen: 2.59 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Tgt Ion:	43	Resp:	1483
Ion	Ratio	Lower	Upper
43	100		
72	22.3	23.7	35.5#





#29

Tetrahydrofuran

Concen: 1.04 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.025 min

Lab File: VX022722.D

Acq: 16 Jun 2021 15:27

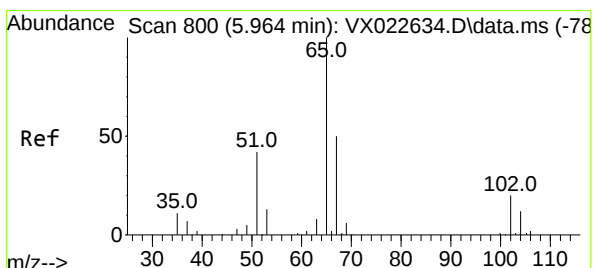
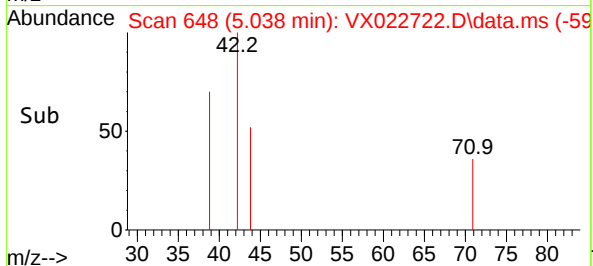
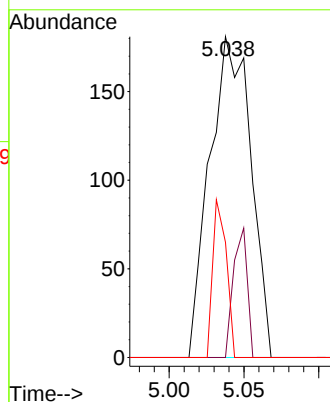
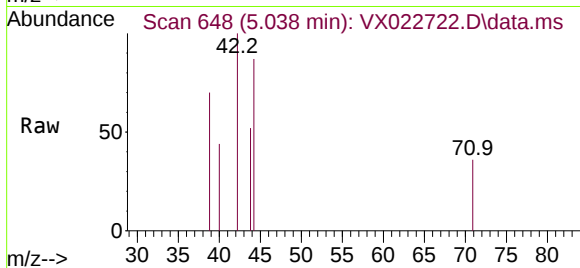
Tgt Ion:	42	Resp:	346
Ion	Ratio	Lower	Upper
42	100		
72	13.6	41.7	62.5#
71	16.2	38.4	57.6#

Instrument :

MSVOA_X

ClientSampleId :

SPLP-AMND-COMP-N(CL-22)RE



#33

1,2-Dichloroethane-d4

Concen: 54.63 ug/l

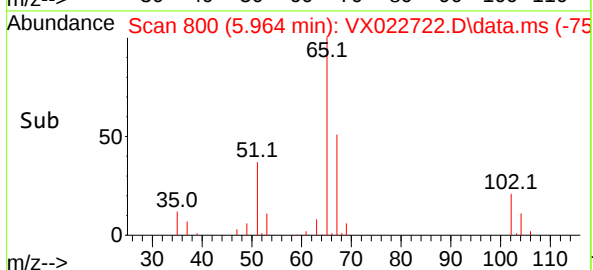
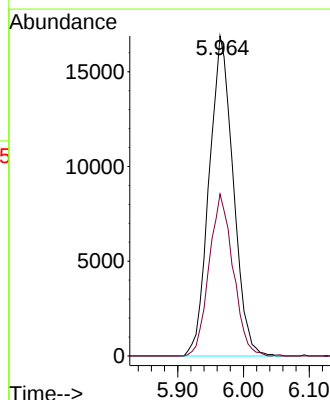
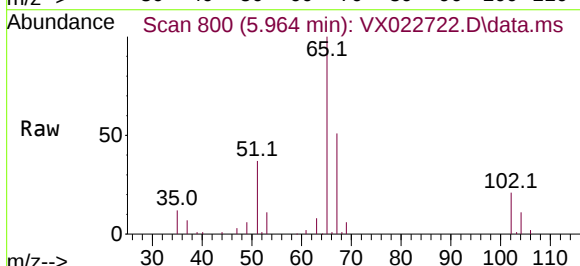
RT: 5.964 min Scan# 800

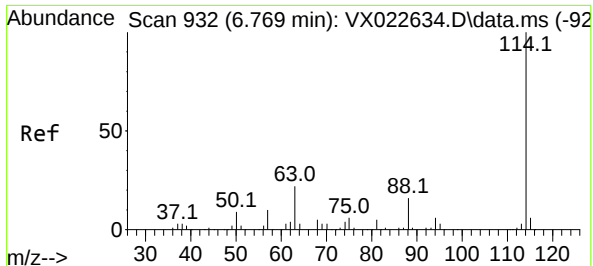
Delta R.T. 0.000 min

Lab File: VX022722.D

Acq: 16 Jun 2021 15:27

Tgt Ion:	65	Resp:	43035
Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	105.4

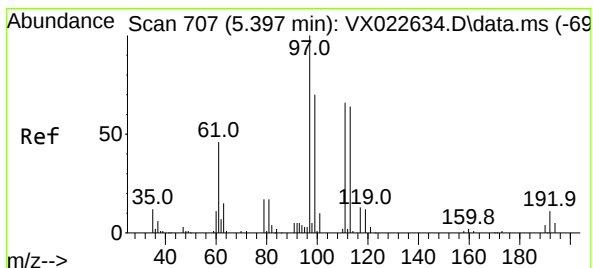
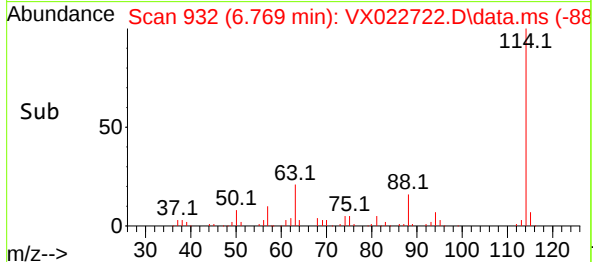
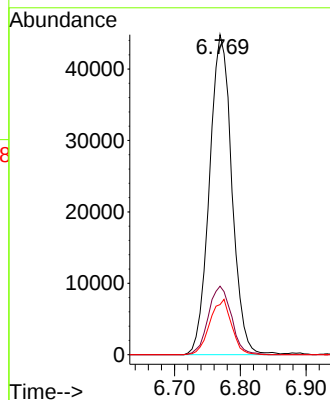
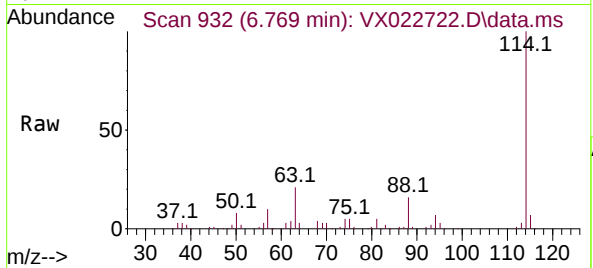




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

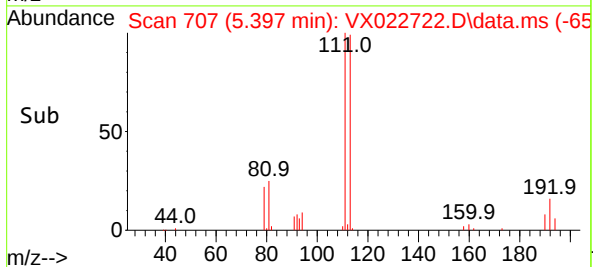
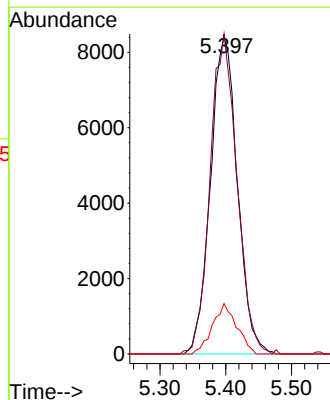
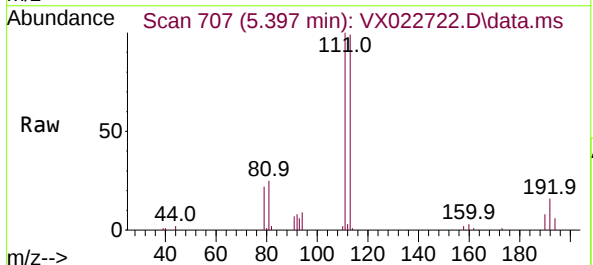
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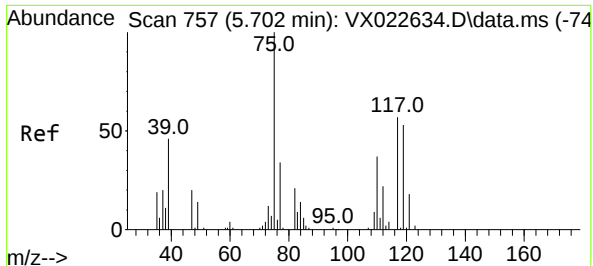
Tgt Ion:114 Resp: 106135
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.8
88 15.7 0.0 32.8



#35
Dibromofluoromethane
Concen: 35.43 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Tgt Ion:113 Resp: 23994
Ion Ratio Lower Upper
113 100
111 100.2 81.9 122.9
192 14.3 16.7 25.1#

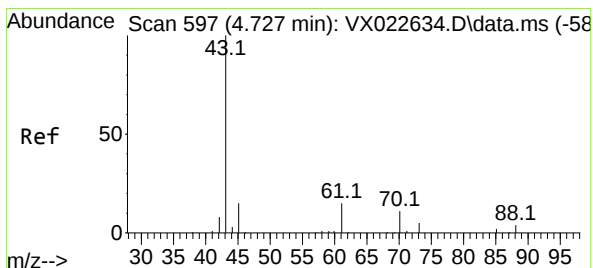
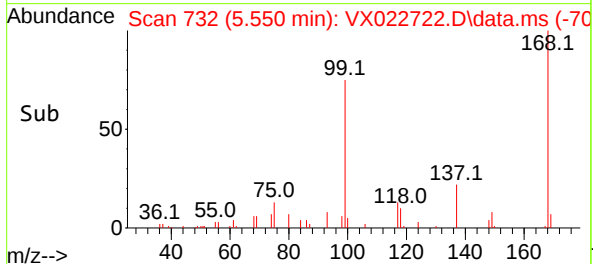
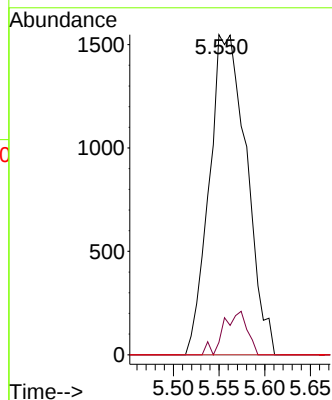
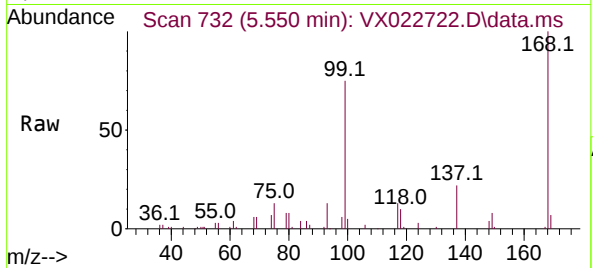




#36
1,1-Dichloropropene
Concen: 4.14 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

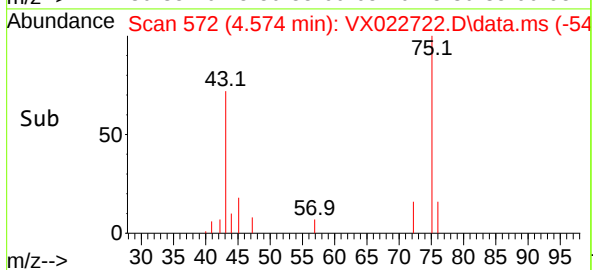
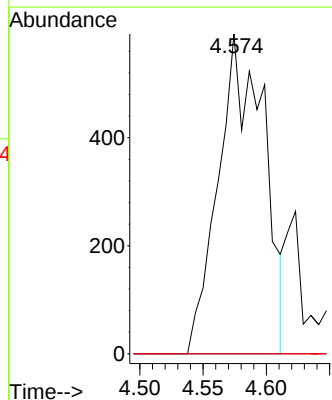
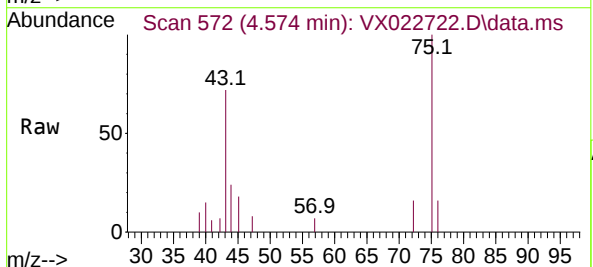
Instrument :
MSVOA_X
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SPLP-AMND-COMP-N(CL-22)RE

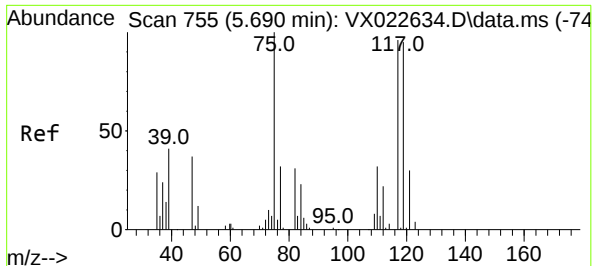
Tgt Ion: 75 Resp: 4383
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 1.10 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.153 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

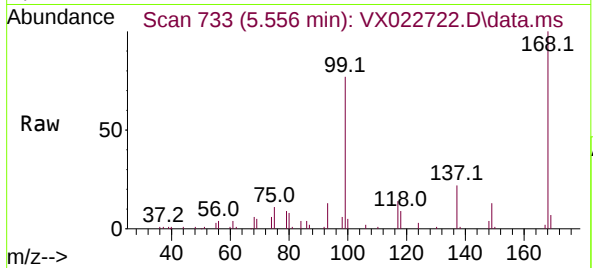
Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



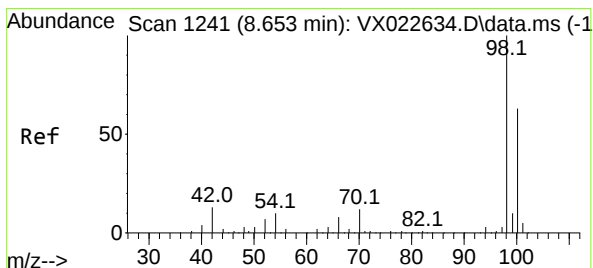
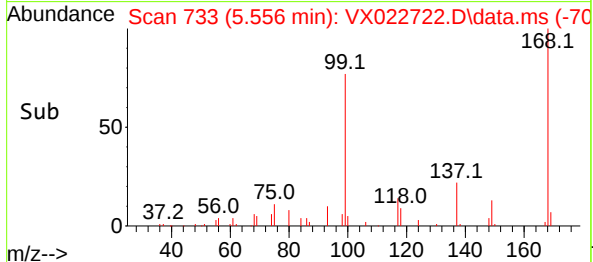
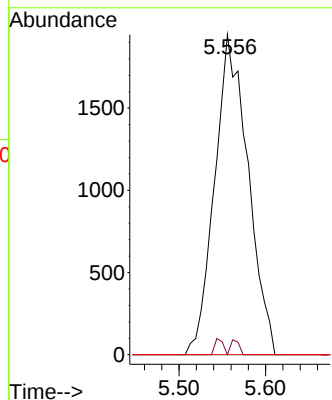


#38
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-N(CL-22)RE

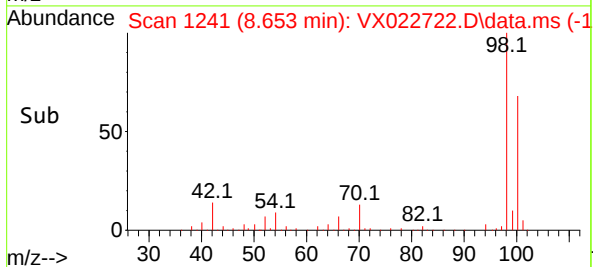
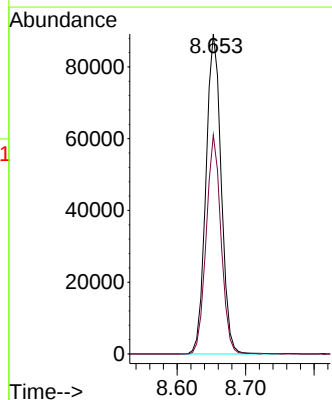
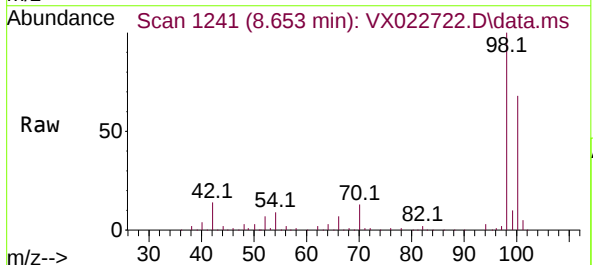


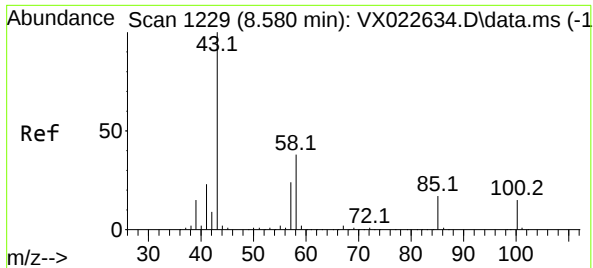
Tgt Ion:117 Resp: 5206
Ion Ratio Lower Upper
117 100
119 0.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.68 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Tgt Ion: 98 Resp: 137954
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9

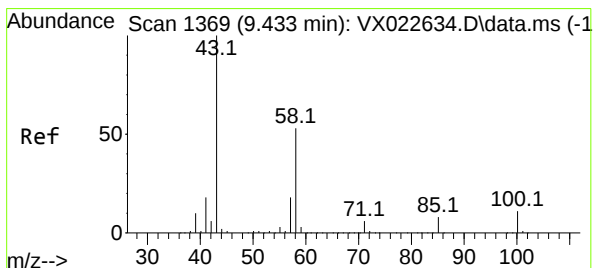
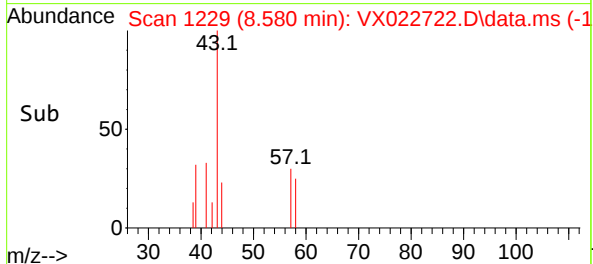
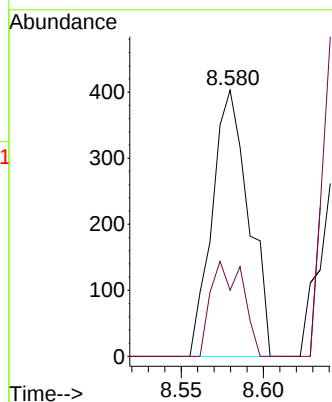
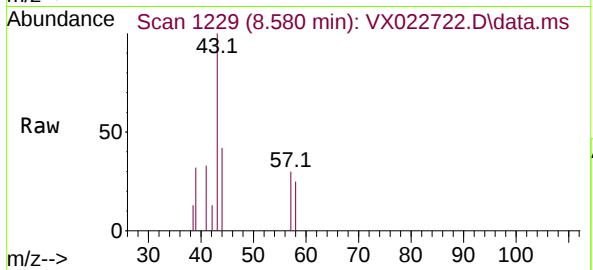




#51
4-Methyl-2-Pentanone
Concen: 0.46 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

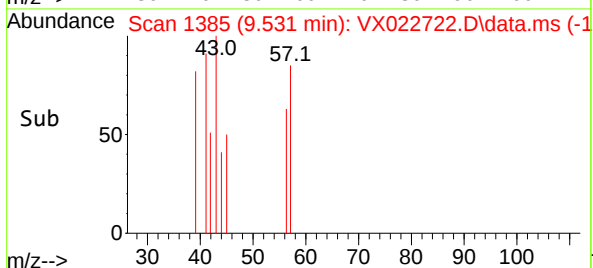
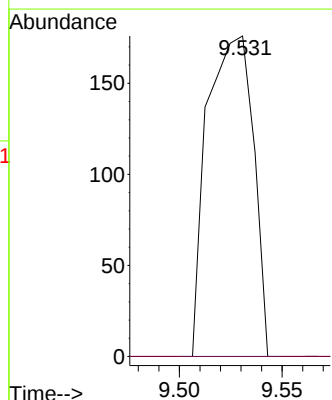
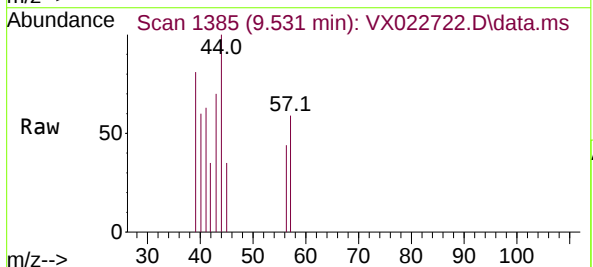
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-N(CL-22)RE

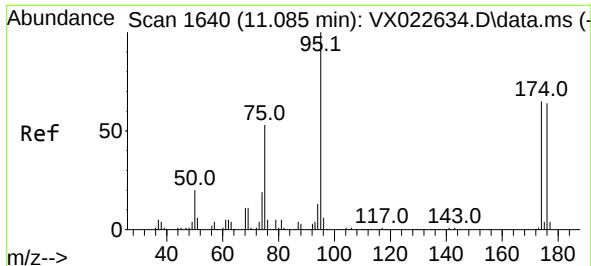
Tgt Ion: 43 Resp: 621
Ion Ratio Lower Upper
43 100
58 31.2 35.4 53.0#



#59
2-Hexanone
Concen: 0.27 ug/l
RT: 9.531 min Scan# 1385
Delta R.T. 0.098 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Tgt Ion: 43 Resp: 275
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

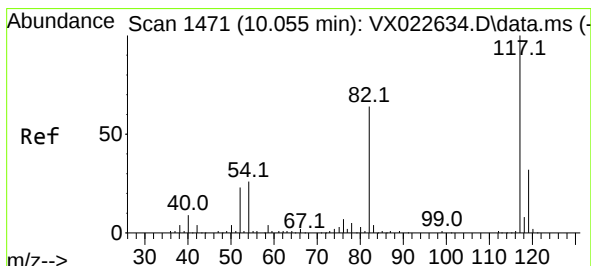
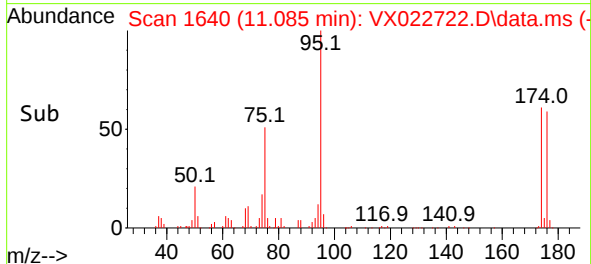
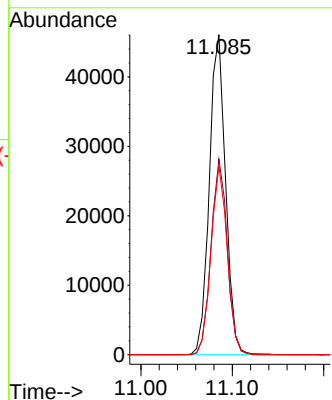
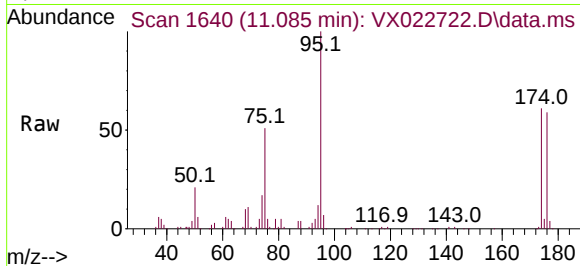




#62
4-Bromofluorobenzene
Concen: 56.15 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

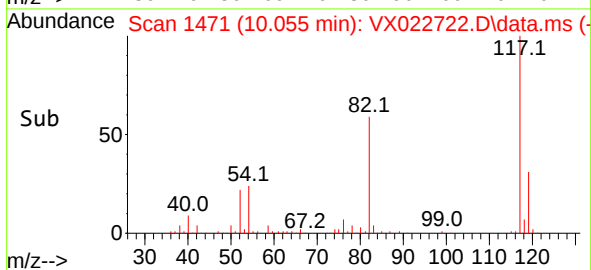
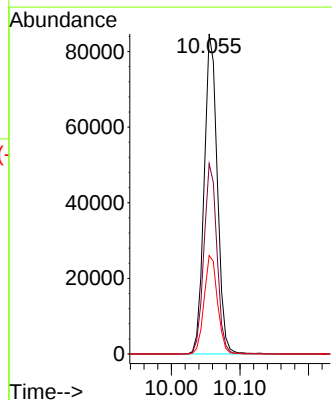
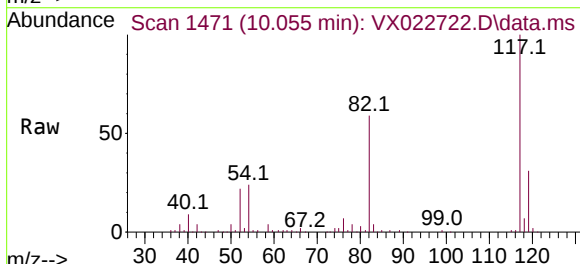
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-N(CL-22)RE

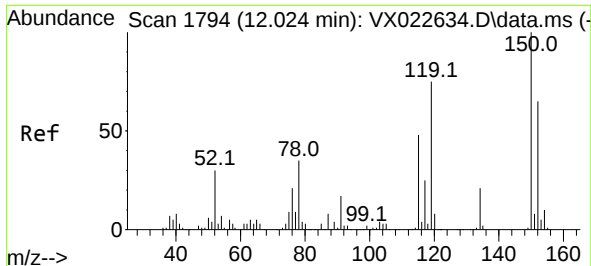
Tgt Ion: 95 Resp: 56690
Ion Ratio Lower Upper
95 100
174 60.9 0.0 154.6
176 58.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Tgt Ion: 117 Resp: 113139
Ion Ratio Lower Upper
117 100
82 59.5 47.4 71.2
119 30.7 26.6 39.8

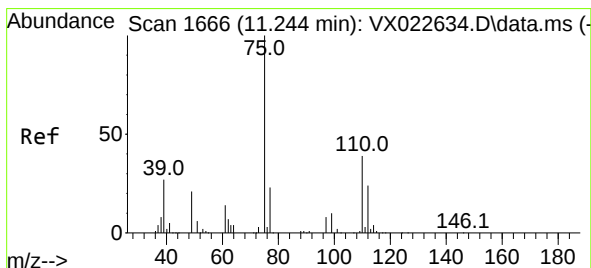
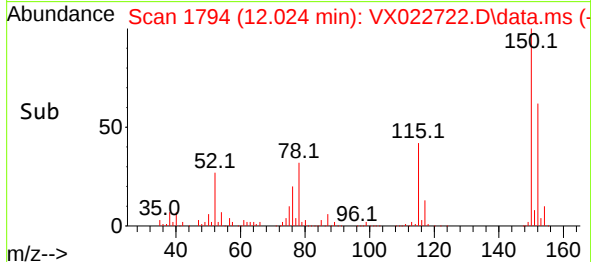
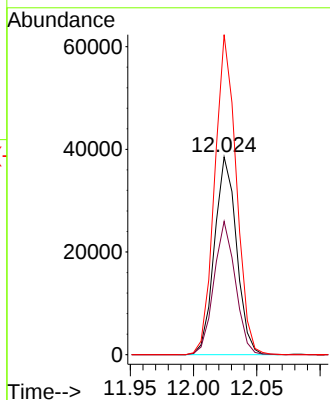
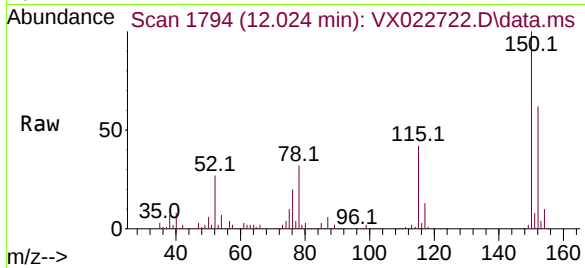




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX022722.D
 Acq: 16 Jun 2021 15:27

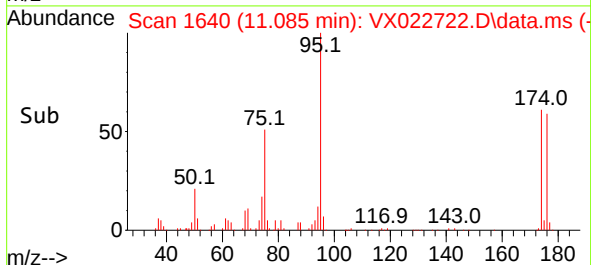
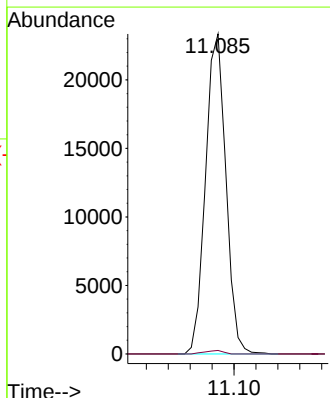
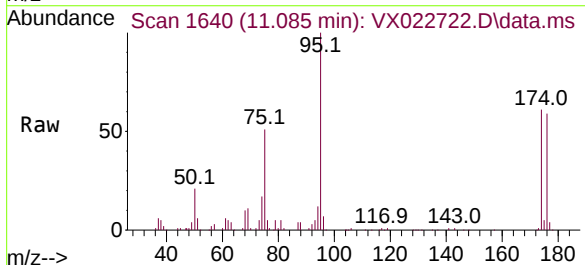
Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-AMND-COMP-N(CL-22)RE

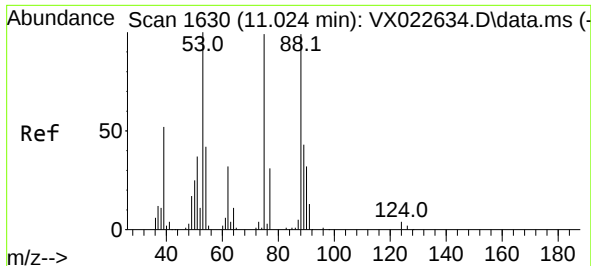
Tgt Ion:152 Resp: 46670
 Ion Ratio Lower Upper
 152 100
 115 65.6 41.1 123.3
 150 158.3 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.36 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX022722.D
 Acq: 16 Jun 2021 15:27

Tgt Ion: 75 Resp: 30138
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

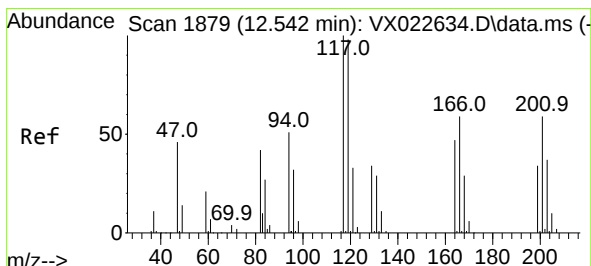
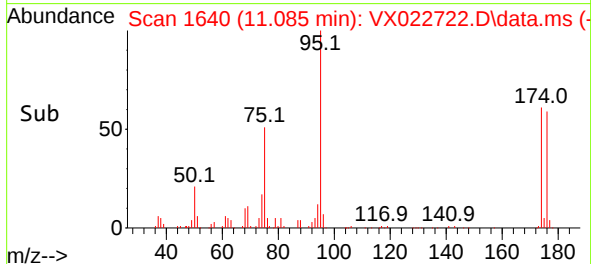
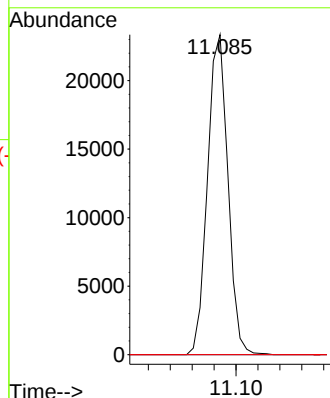
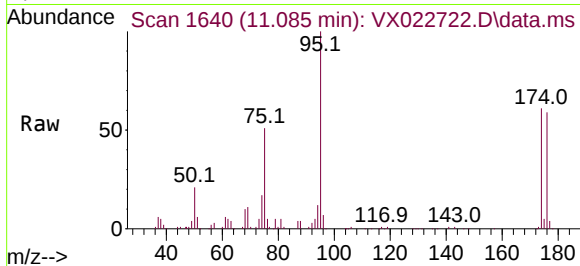




#81
trans-1,4-Dichloro-2-butene
Concen: 61.48 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

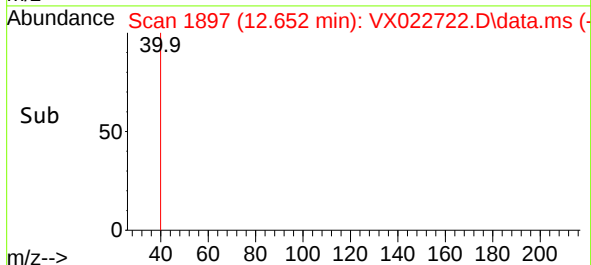
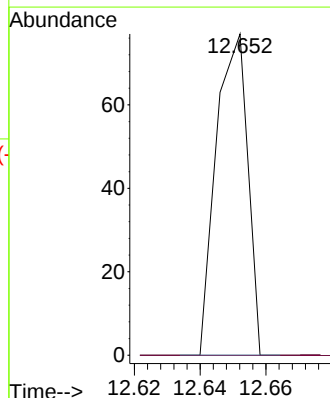
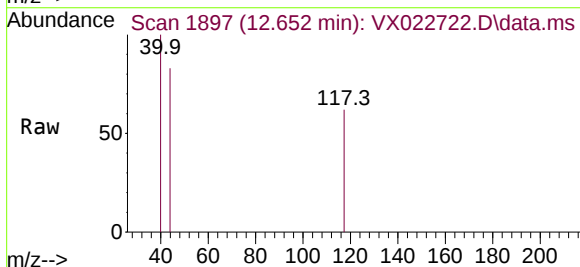
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-N(CL-22)RE

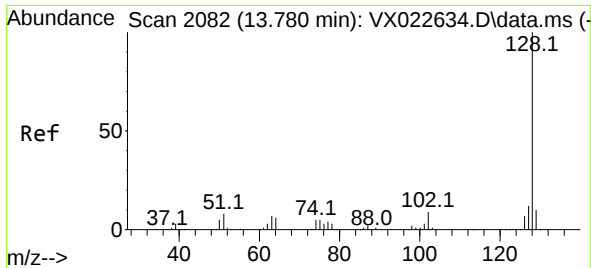
Tgt Ion: 75 Resp: 30138
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 3.76 ug/l
RT: 12.652 min Scan# 1897
Delta R.T. 0.110 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Tgt Ion: 117 Resp: 51
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#95
Naphthalene
Concen: 1.49 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022722.D
Acq: 16 Jun 2021 15:27

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-N(CL-22)RE

Tgt Ion:128 Resp: 83
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

