

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061621\
 Data File : VX022723.D
 Acq On : 16 Jun 2021 15:51
 Operator : JC/MD
 Sample : M2709-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPLP-AMND-COMP-O(CL-24)RE

Quant Time: Jun 17 02:48:04 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)

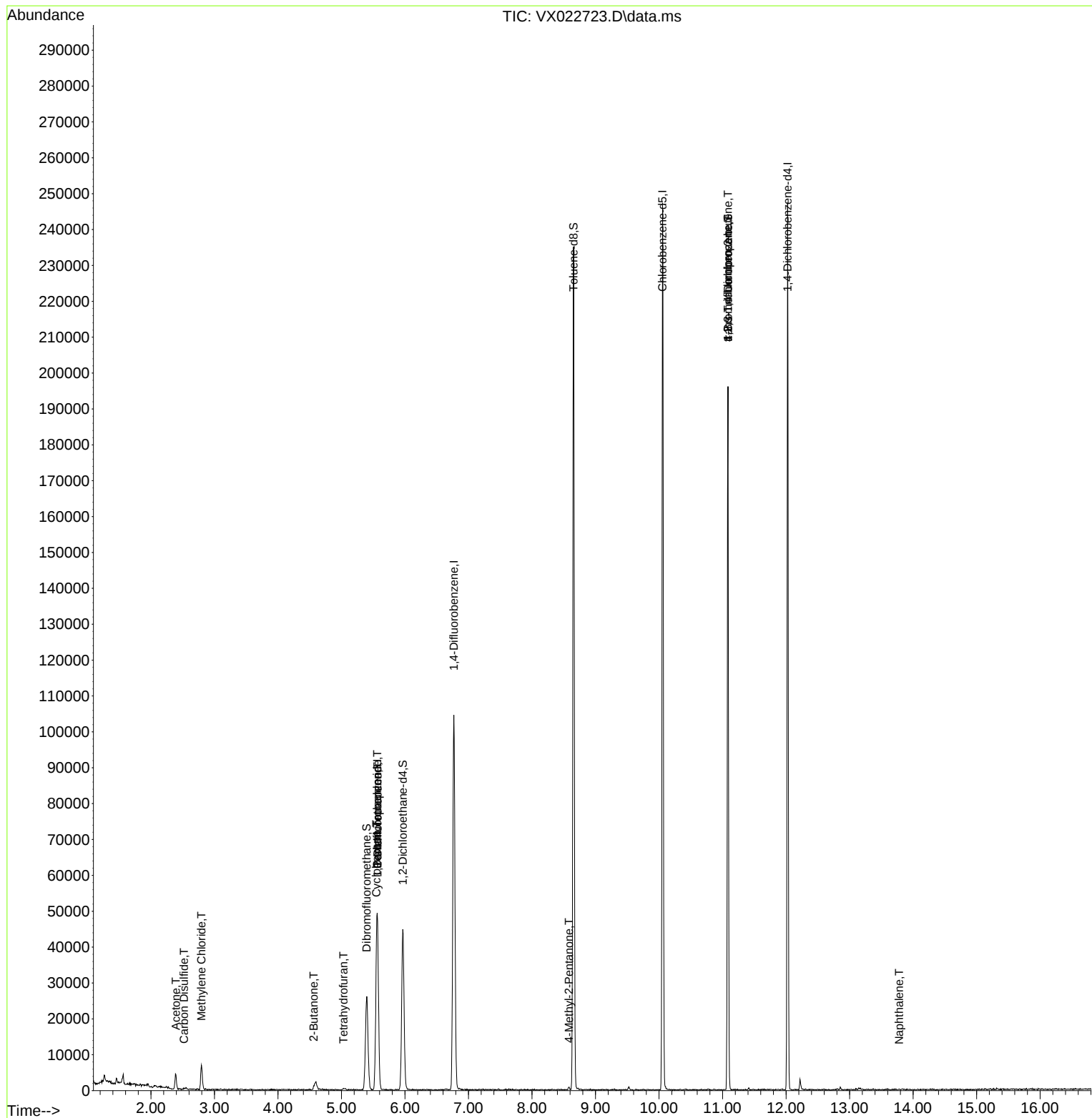
Internal Standards						
1) Pentafluorobenzene	5.562	168	41580	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	102347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	104919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	43486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	39902	53.36	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	106.72%		
35) Dibromofluoromethane	5.397	113	22643	34.68	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	69.36%#		
50) Toluene-d8	8.653	98	129597	50.35	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.70%		
62) 4-Bromofluorobenzene	11.085	95	52284	53.70	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	107.40%		
Target Compounds						
16) Acetone	2.392	43	4575	13.66	ug/l	# 86
17) Carbon Disulfide	2.520	76	261	0.23	ug/l	# 75
20) Methylene Chloride	2.794	84	2951	4.31	ug/l	# 79
25) 2-Butanone	4.562	43	1133	2.09	ug/l	95
29) Tetrahydrofuran	5.032	42	215	0.68	ug/l	# 27
31) Cyclohexane	5.550	56	1210	1.34	ug/l	# 62
36) 1,1-Dichloropropene	5.568	75	4170	4.09	ug/l	# 43
38) Carbon Tetrachloride	5.562	117	5006	5.74	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.580	43	546	0.42	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	28837	25.01	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	28837	62.97	ug/l	# 12
95) Naphthalene	13.780	128	41	1.49	ug/l	# 69

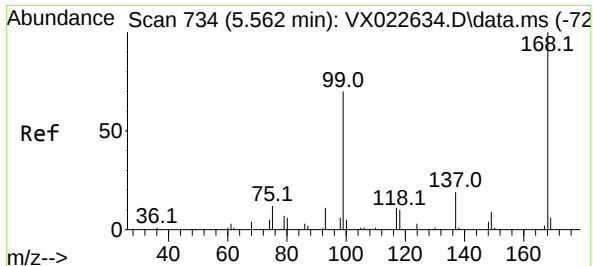
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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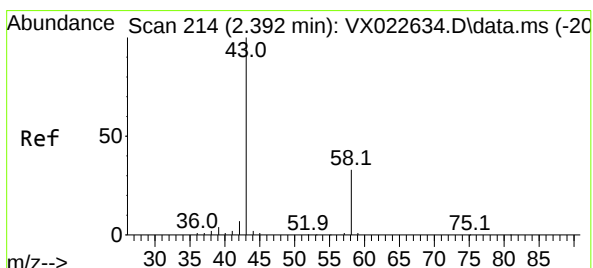
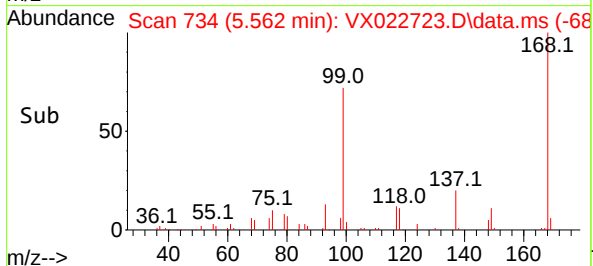
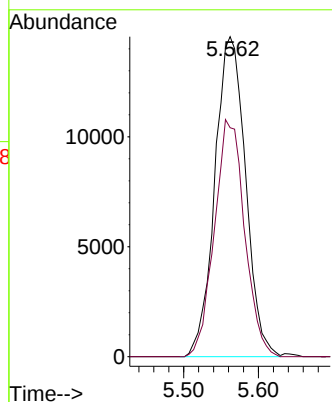
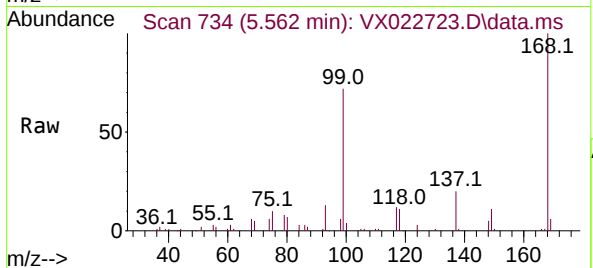




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

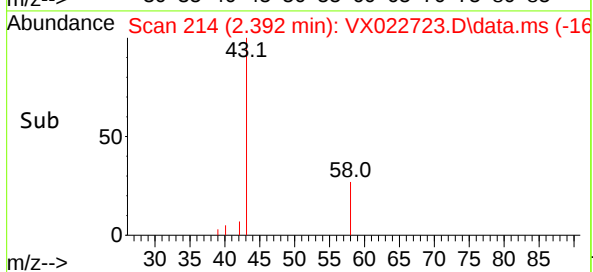
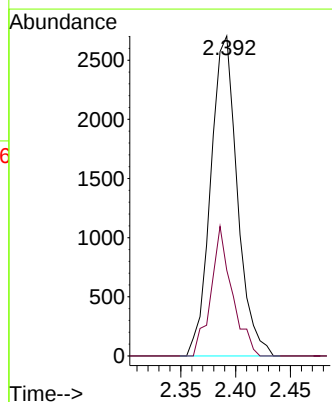
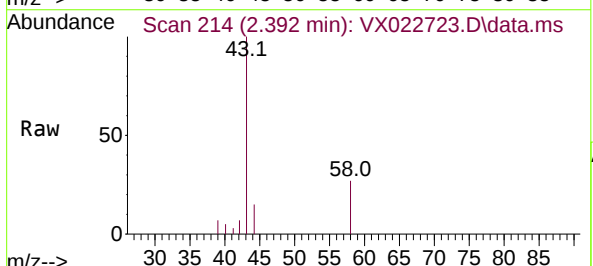
Instrument :
MSVOA_X
ClientSampleId :
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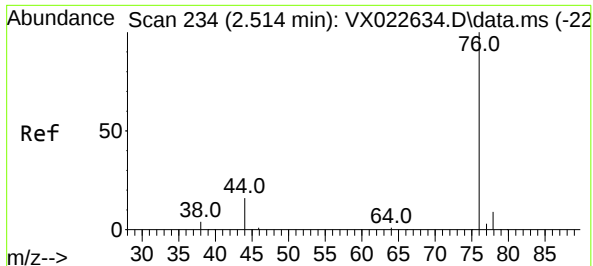
Tgt Ion:168 Resp: 41580
Ion Ratio Lower Upper
168 100
99 71.6 45.8 68.6#



#16
Acetone
Concen: 13.66 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

Tgt Ion: 43 Resp: 4575
Ion Ratio Lower Upper
43 100
58 26.8 27.8 41.8#

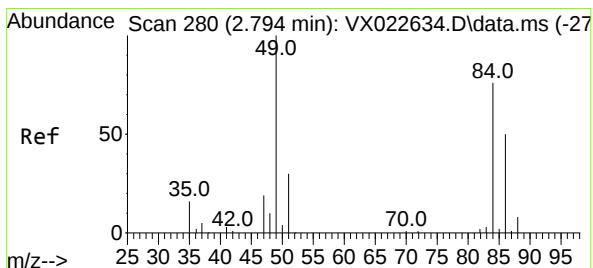
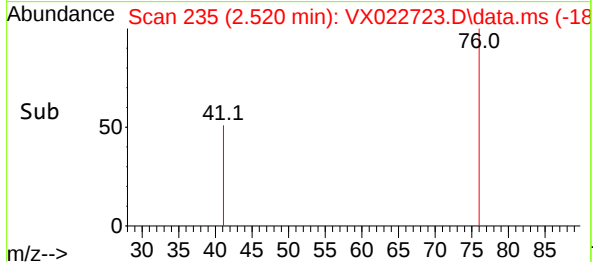
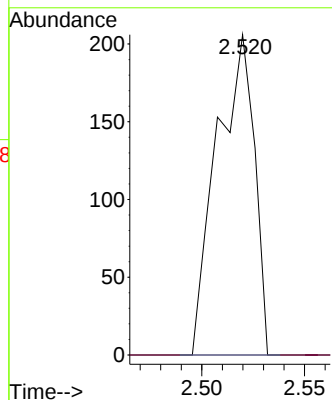
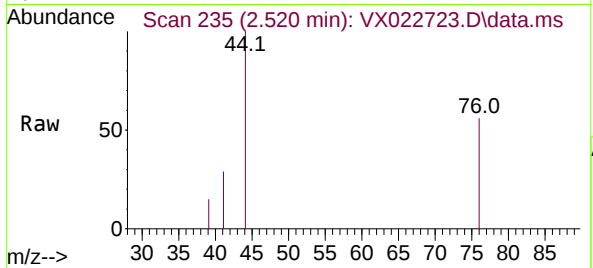




#17
Carbon Disulfide
Concen: 0.23 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

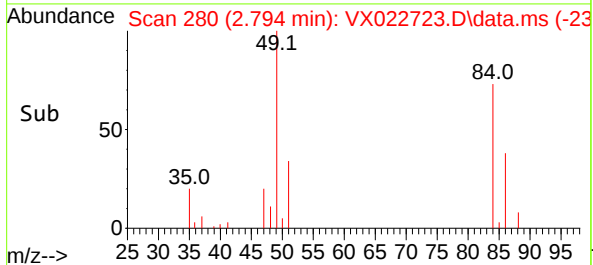
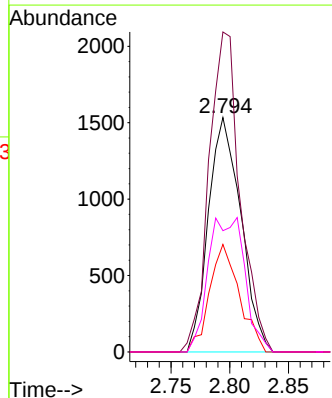
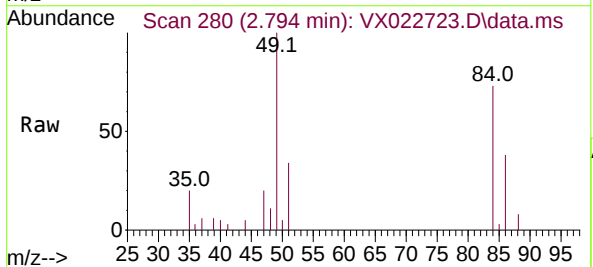
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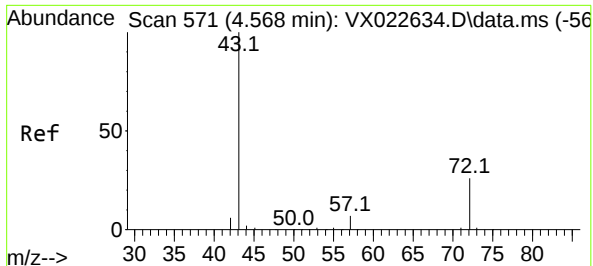
Tgt Ion: 76 Resp: 261
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 4.31 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

Tgt Ion: 84 Resp: 2951
Ion Ratio Lower Upper
84 100
49 136.5 88.6 132.8#
51 45.9 27.0 40.6#
86 51.8 50.3 75.5

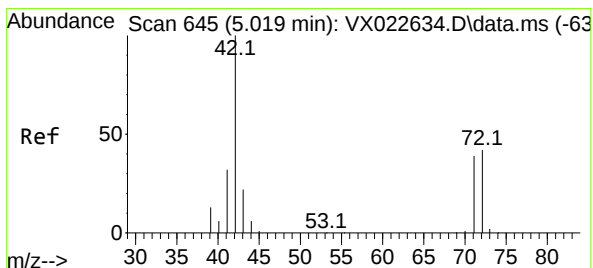
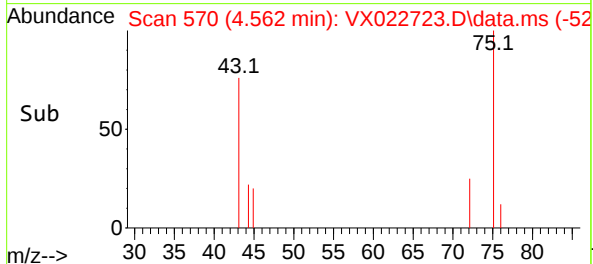
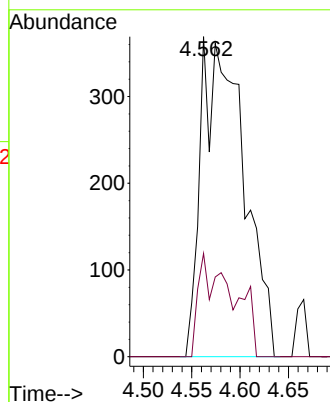
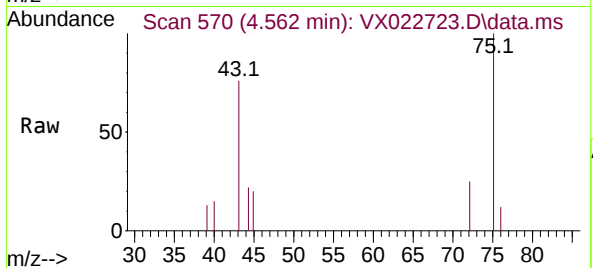




#25
2-Butanone
Concen: 2.09 ug/l
RT: 4.562 min Scan# 570
Delta R.T. -0.006 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

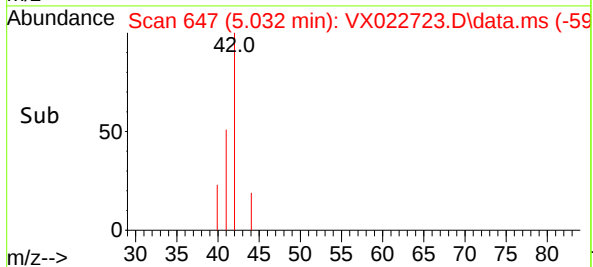
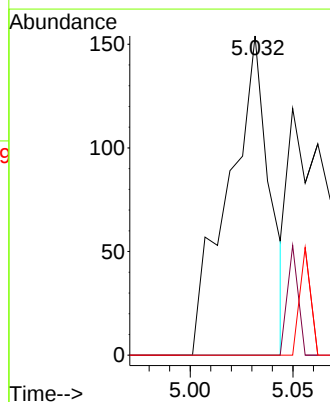
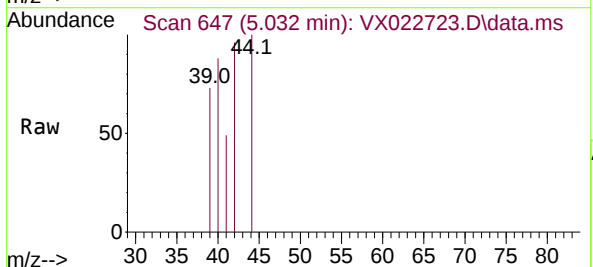
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-O(CL-24)RE

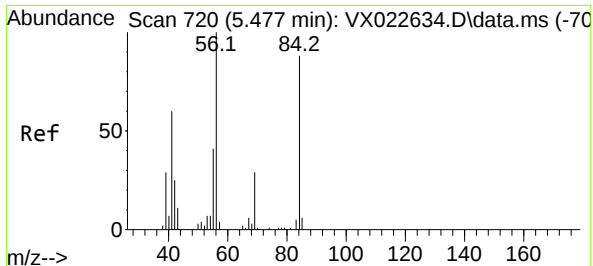
Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
72 32.2 23.7 35.5



#29
Tetrahydrofuran
Concen: 0.68 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.019 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

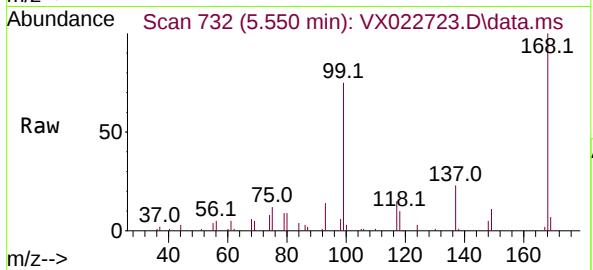
Tgt Ion: 42 Resp: 215
Ion Ratio Lower Upper
42 100
72 0.0 41.7 62.5#
71 0.0 38.4 57.6#



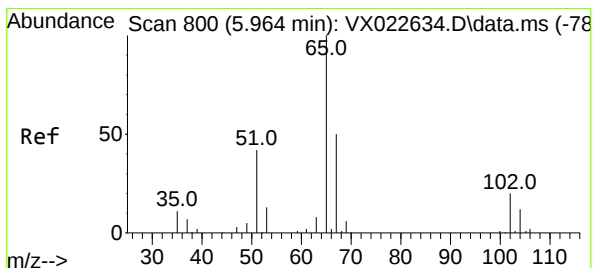
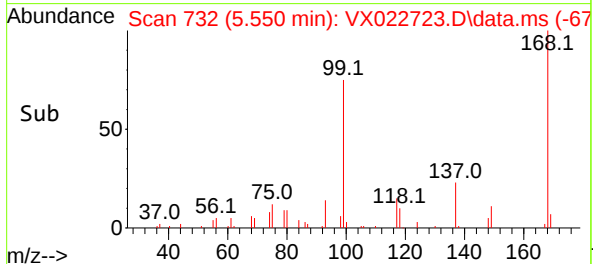
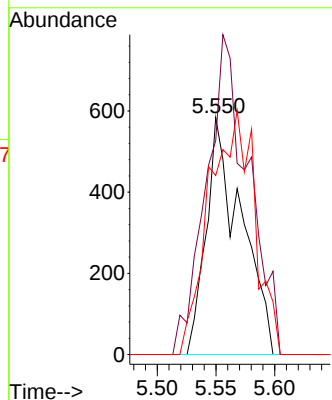


#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-O(CL-24)RE

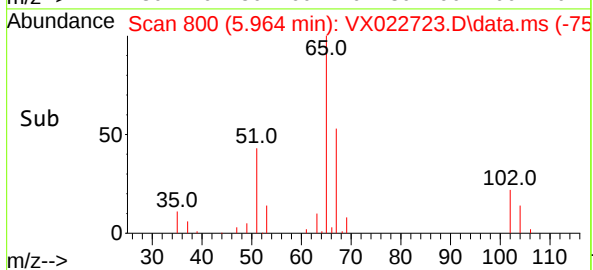
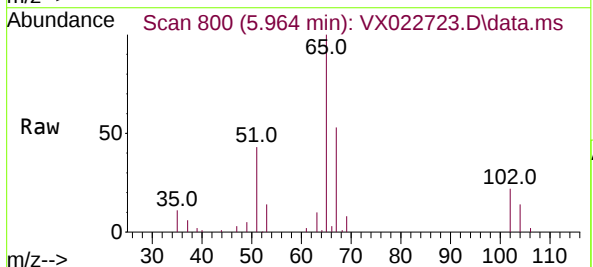
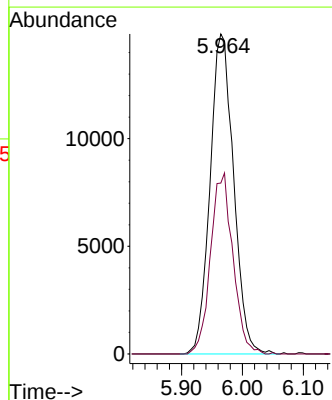


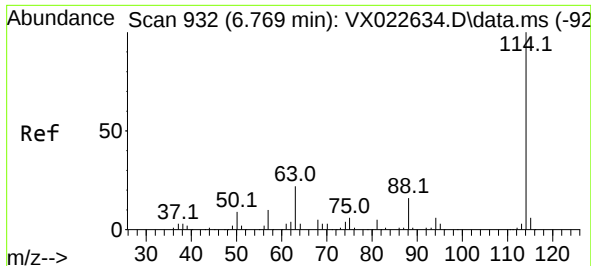
Tgt Ion: 56 Resp: 1210
Ion Ratio Lower Upper
56 100
69 90.2 25.3 37.9#
84 75.5 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.36 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

Tgt Ion: 65 Resp: 39902
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.4

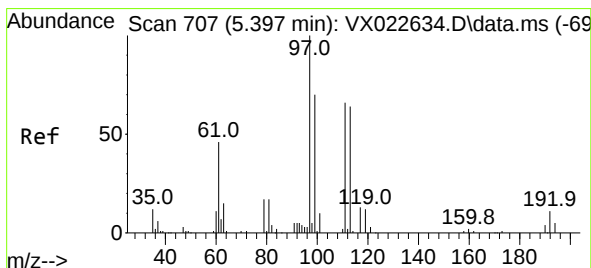
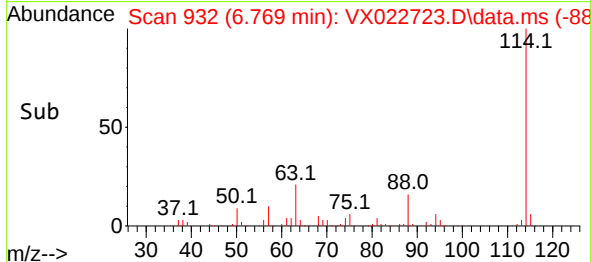
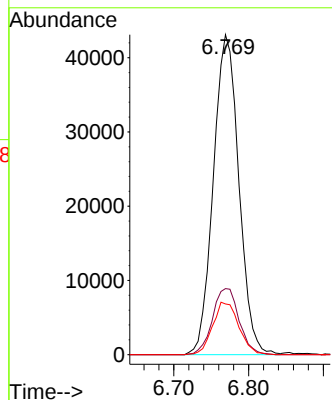
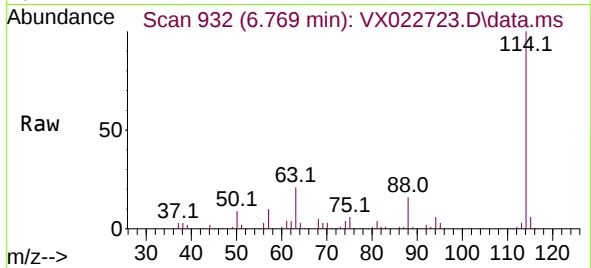




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

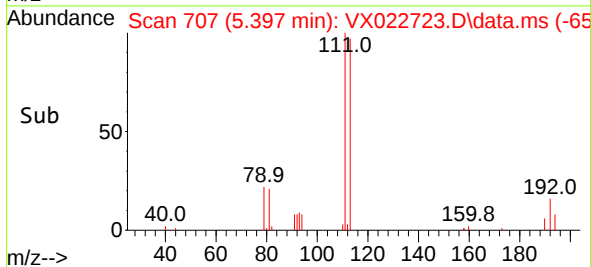
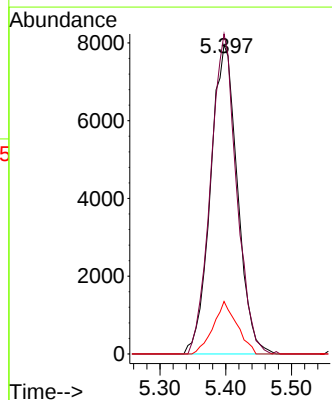
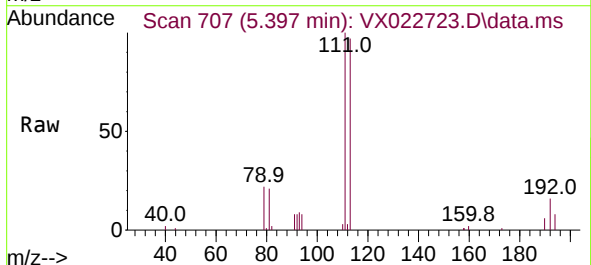
Instrument :
MSVOA_X
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SPLP-AMND-COMP-O(CL-24)RE

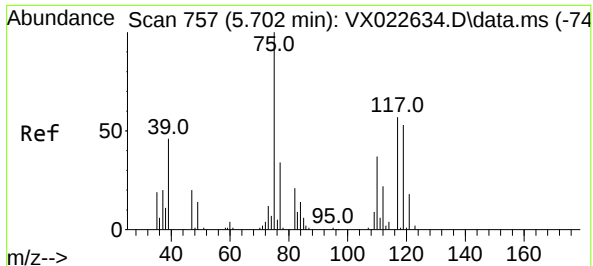
Tgt Ion:114 Resp: 102347
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 34.68 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

Tgt Ion:113 Resp: 22643
Ion Ratio Lower Upper
113 100
111 100.0 81.9 122.9
192 15.0 16.7 25.1#





#36

1,1-Dichloropropene

Concen: 4.09 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.134 min

Lab File: VX022723.D

Acq: 16 Jun 2021 15:51

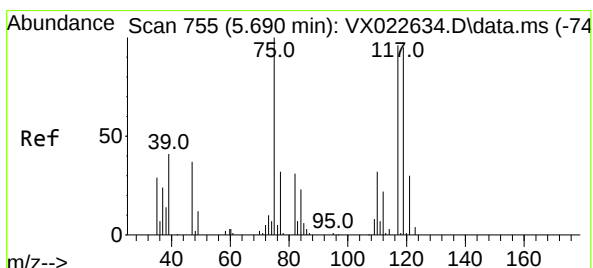
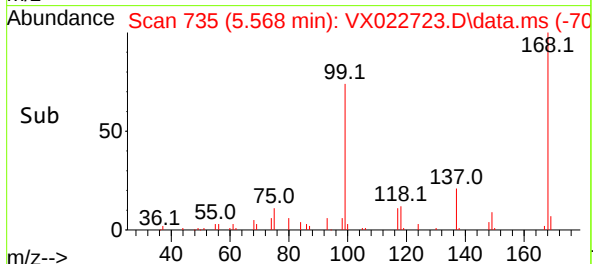
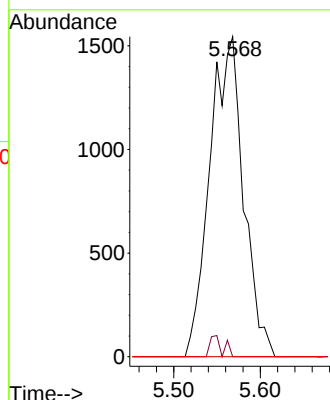
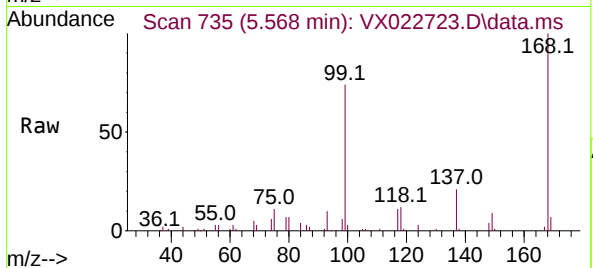
Tgt Ion:	75	Resp:	4170
Ion	Ratio	Lower	Upper
75	100		
110	2.4	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

SPLP-AMND-COMP-O(CL-24)RE



#38

Carbon Tetrachloride

Concen: 5.74 ug/l

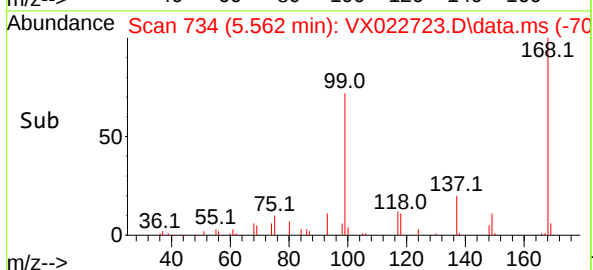
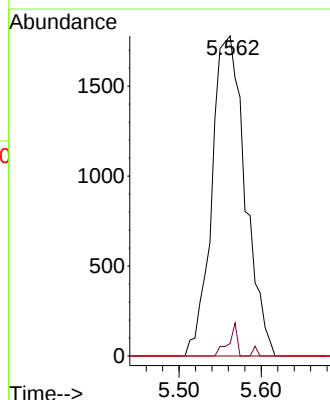
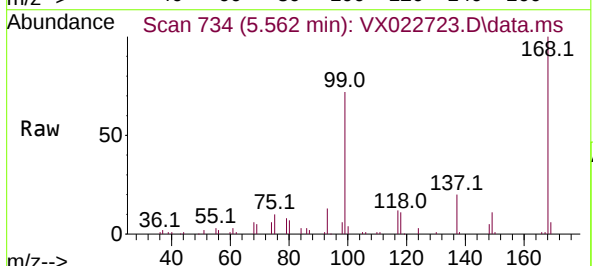
RT: 5.562 min Scan# 734

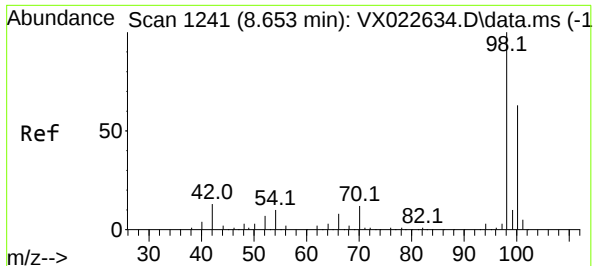
Delta R.T. -0.116 min

Lab File: VX022723.D

Acq: 16 Jun 2021 15:51

Tgt Ion:	117	Resp:	5006
Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.2	114.2#
121	0.0	24.8	37.2#

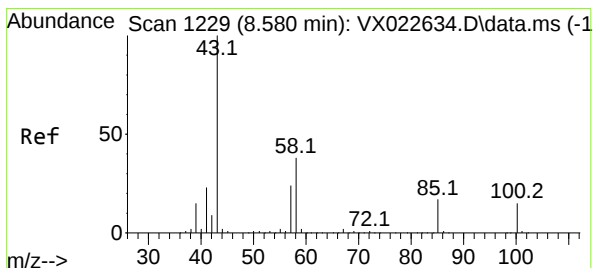
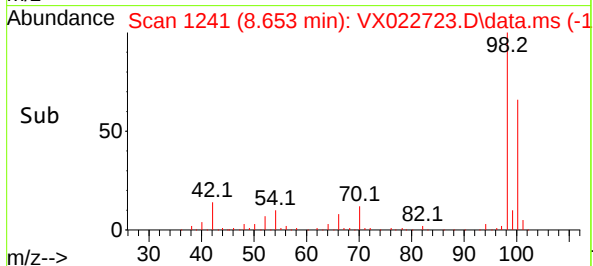
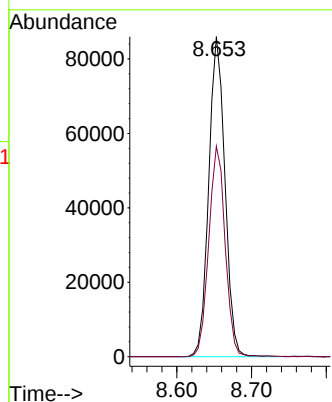
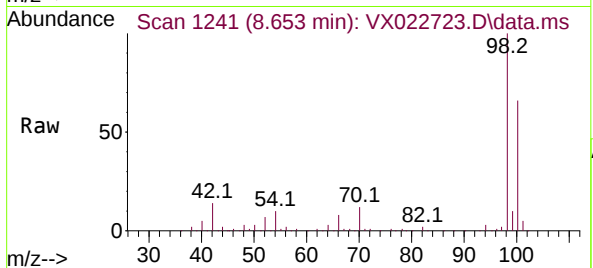




#50
Toluene-d8
Concen: 50.35 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

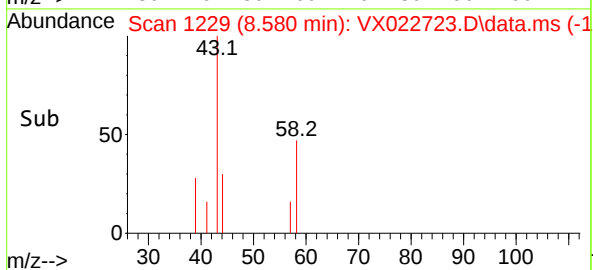
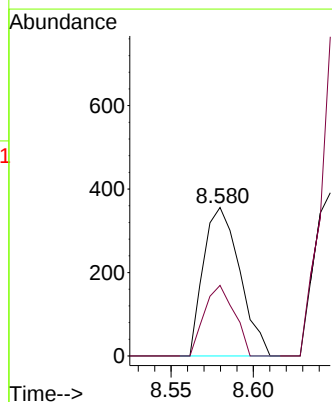
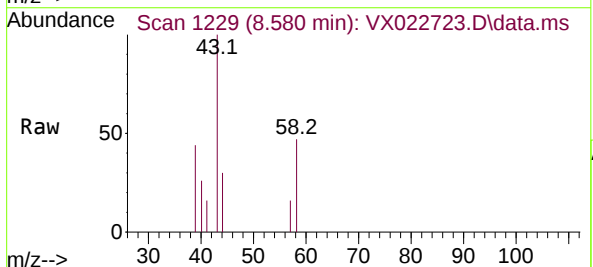
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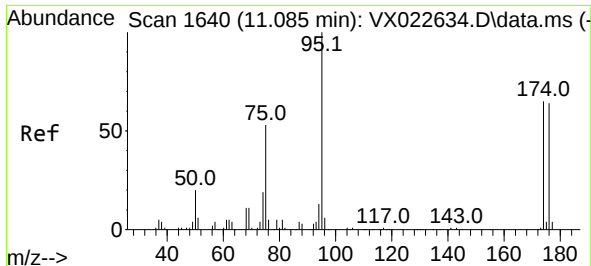
Tgt Ion: 98 Resp: 129597
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.42 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
58 39.4 35.4 53.0

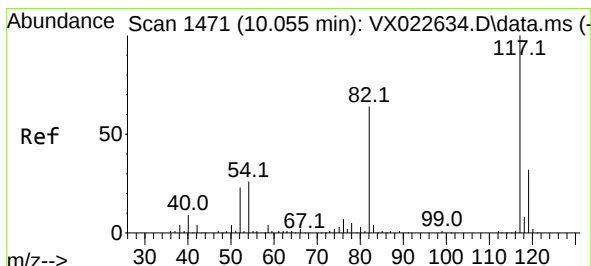
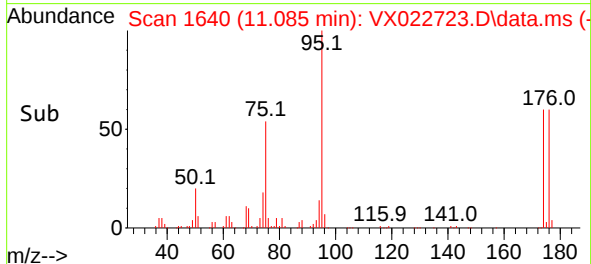
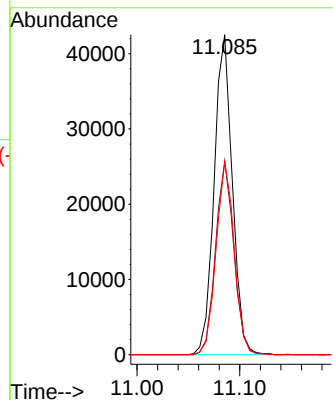
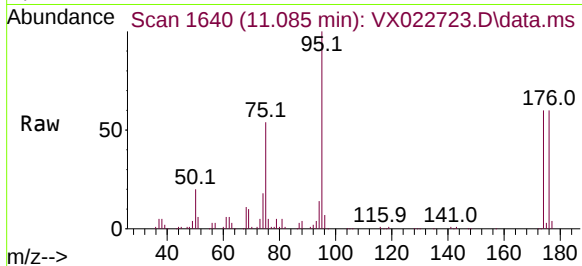




#62
4-Bromofluorobenzene
Concen: 53.70 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

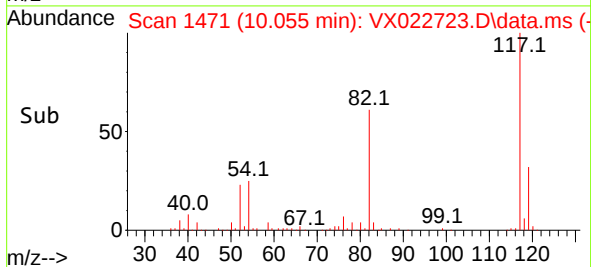
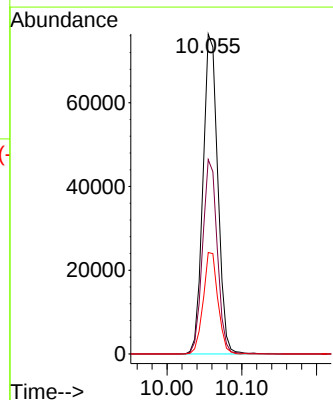
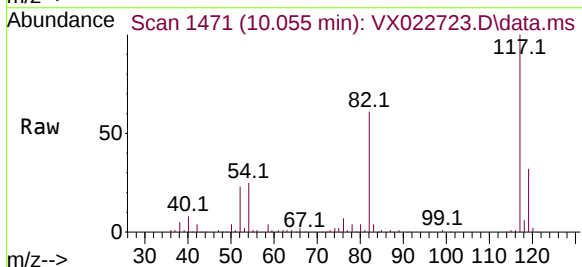
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-O(CL-24)RE

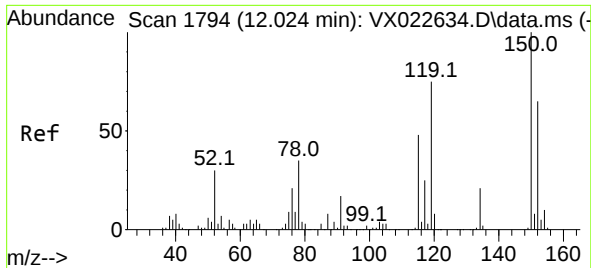
Tgt Ion: 95 Resp: 52284
Ion Ratio Lower Upper
95 100
174 60.8 0.0 154.6
176 59.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

Tgt Ion: 117 Resp: 104919
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 31.7 26.6 39.8

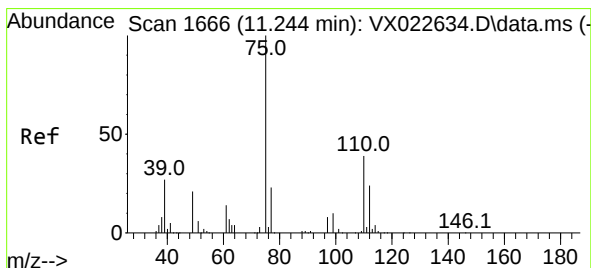
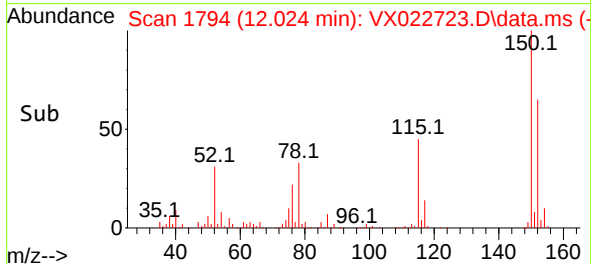
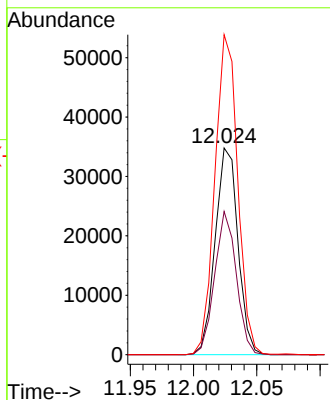
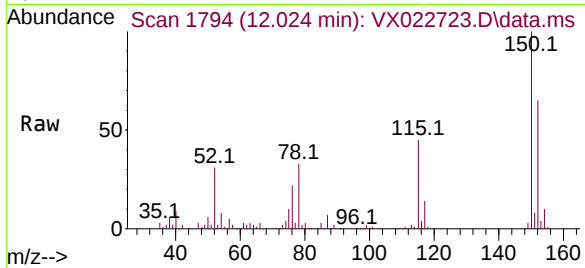




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

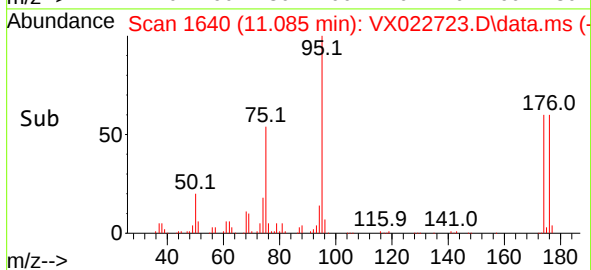
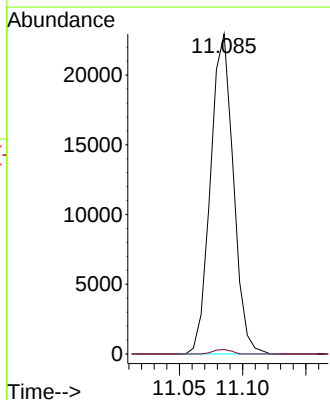
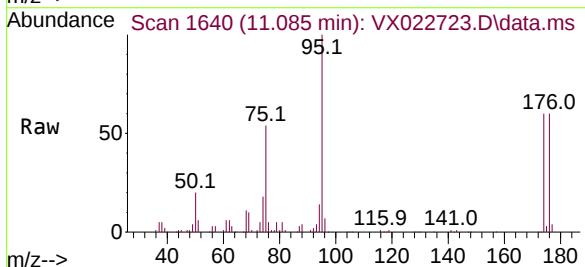
Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-O(CL-24)RE

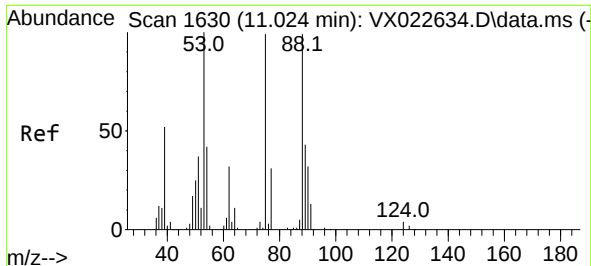
Tgt Ion:152 Resp: 43486
Ion Ratio Lower Upper
152 100
115 66.0 41.1 123.3
150 155.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.01 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

Tgt Ion: 75 Resp: 28837
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#

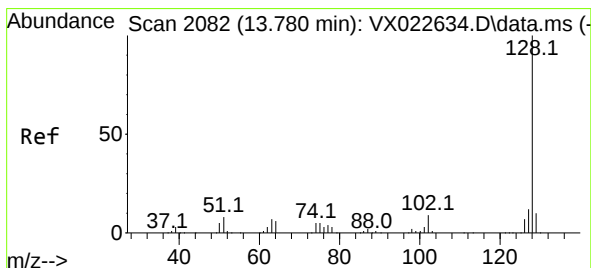
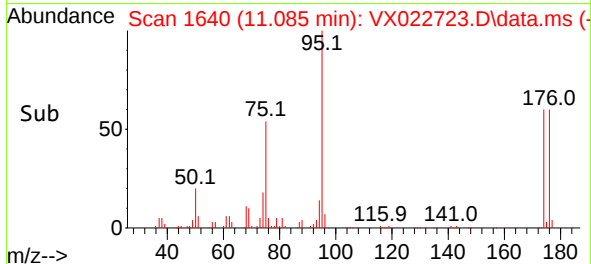
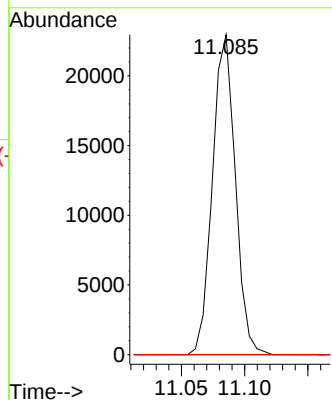
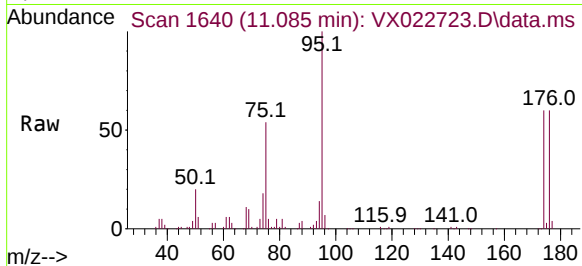




#81
trans-1,4-Dichloro-2-butene
Concen: 62.97 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

Instrument :
MSVOA_X
ClientSampleId :
SPLP-AMND-COMP-O(CL-24)RE

Tgt Ion: 75 Resp: 28837
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.49 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022723.D
Acq: 16 Jun 2021 15:51

Tgt Ion:128 Resp: 41
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

