

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
 Data File : VX028790.D
 Acq On : 18 May 2022 04:32
 Operator : JC/MD
 Sample : N2881-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SLP-1

Quant Time: May 18 07:16:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

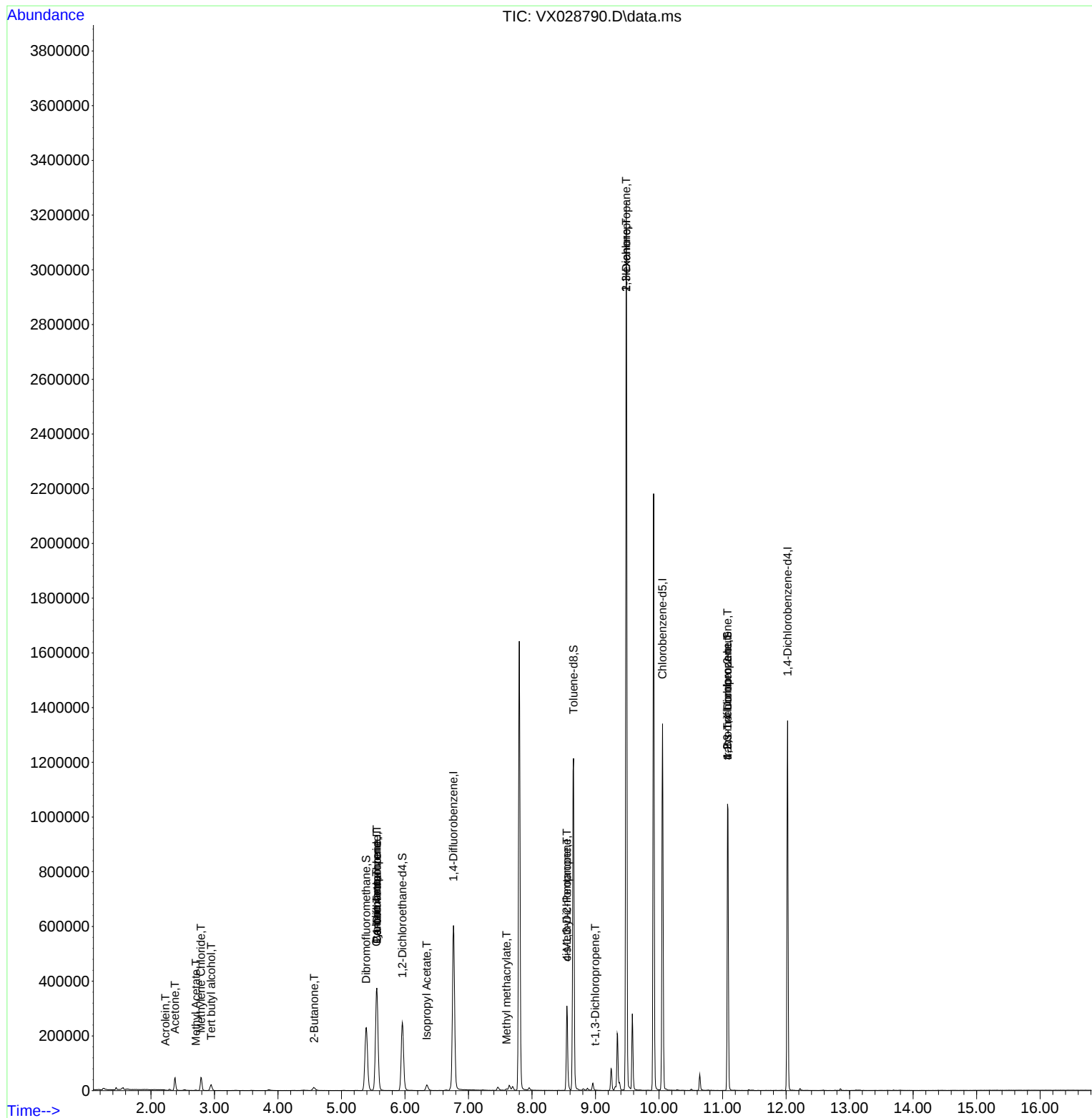
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	341179	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	606911	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	577665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	267657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	249948	53.445	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.880%	
35) Dibromofluoromethane	5.385	113	200493	50.421	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.840%	
50) Toluene-d8	8.653	98	726230	48.442	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.880%	
62) 4-Bromofluorobenzene	11.079	95	285999	51.076	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.160%	
Target Compounds						Qvalue
5) Bromomethane	1.611	94	531	Below Cal	#	60
6) Chloroethane	1.660	64	273	Below Cal		94
11) Tert butyl alcohol	2.947	59	12146	4.399	ug/l #	76
13) Acrolein	2.227	56	245	0.319	ug/l #	67
16) Acetone	2.380	43	48082	23.955	ug/l	88
18) Methyl Acetate	2.709	43	2481	0.494	ug/l #	83
20) Methylene Chloride	2.788	84	21205	5.036	ug/l #	89
25) 2-Butanone	4.568	43	10841	3.441	ug/l #	78
31) Cyclohexane	5.550	56	7815	1.204	ug/l #	39
36) 1,1-Dichloropropene	5.556	75	28136	4.711	ug/l #	50
38) Carbon Tetrachloride	5.556	117	37416	6.225	ug/l #	16
43) Isopropyl Acetate	6.342	43	27588	2.827	ug/l	95
48) Methyl methacrylate	7.598	41	7940	1.684	ug/l #	7
51) 4-Methyl-2-Pentanone	8.549	43	103892	16.162	ug/l #	44
53) t-1,3-Dichloropropene	8.994	75	22	1.644	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	49792	7.453	ug/l #	71
57) 1,3-Dichloropropane	9.482	76	28760	3.787	ug/l #	42
59) 2-Hexanone	9.482	43	370459	74.176	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	152579	24.342	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	152579	70.866	ug/l #	15

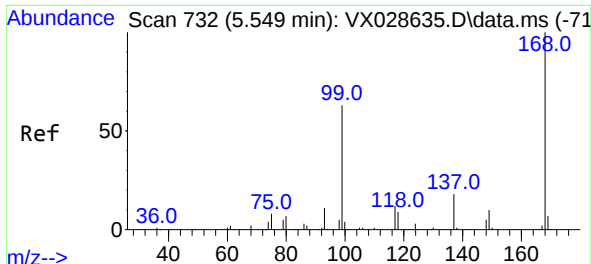
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051722\
Data File : VX028790.D
Acq On : 18 May 2022 04:32
Operator : JC/MD
Sample : N2881-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SLP-1

Quant Time: May 18 07:16:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

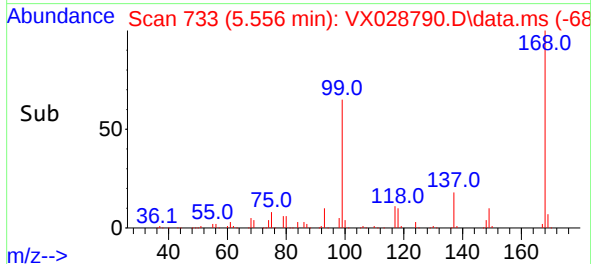
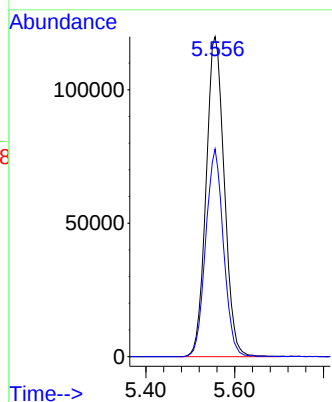
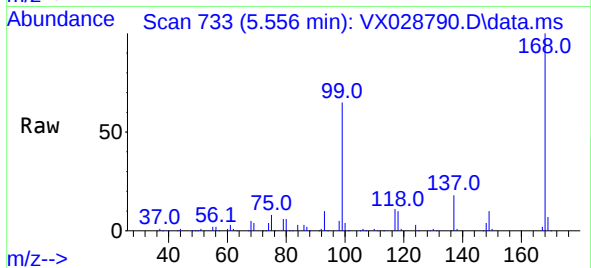




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

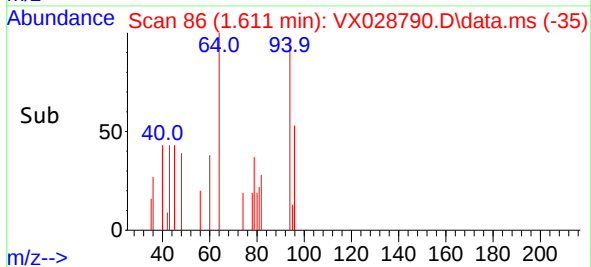
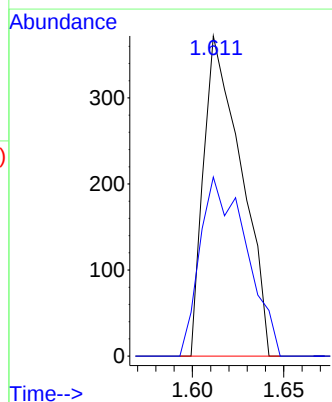
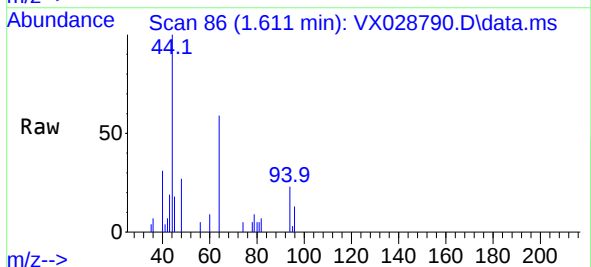
Instrument :
MSVOA_X
ClientSampleId :
SLP-1

Tgt Ion:168 Resp: 341179
Ion Ratio Lower Upper
168 100
99 64.9 41.7 62.5#

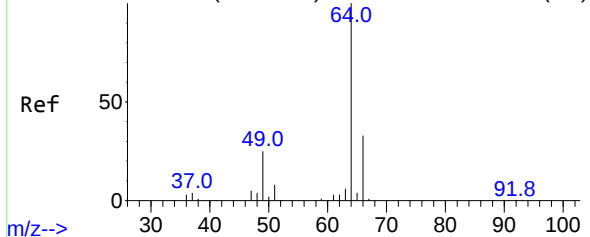


#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

Tgt Ion: 94 Resp: 531
Ion Ratio Lower Upper
94 100
96 55.9 75.3 112.9#



Abundance Scan 97 (1.678 min): VX028635.D\data.ms (-90)

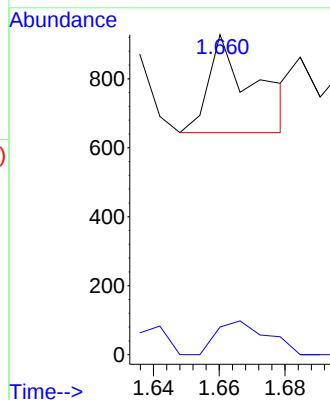
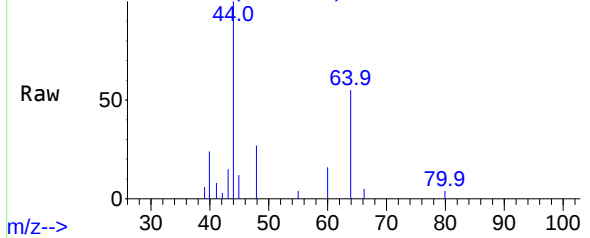


#6
Chloroethane
Concen: Below Cal
RT: 1.660 min Scan# 94
Delta R.T. -0.018 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

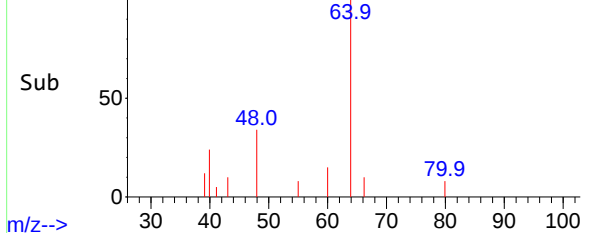
Instrument :
MSVOA_X
ClientSampleId :
SLP-1

Tgt Ion: 64 Resp: 273
Ion Ratio Lower Upper
64 100
66 28.2 25.3 37.9

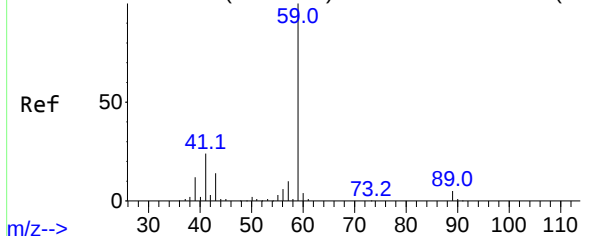
Abundance Scan 94 (1.660 min): VX028790.D\data.ms



Abundance Scan 94 (1.660 min): VX028790.D\data.ms (-48)



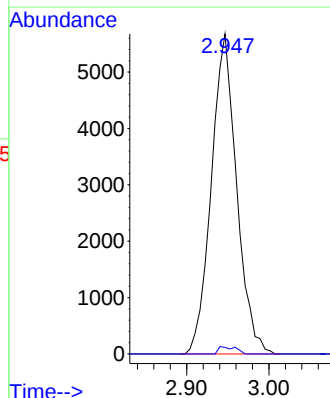
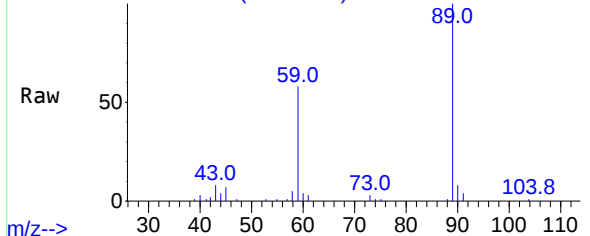
Abundance Scan 307 (2.958 min): VX028635.D\data.ms (-29)



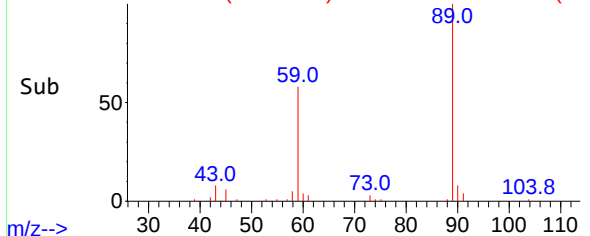
#11
Tert butyl alcohol
Concen: 4.399 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.011 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

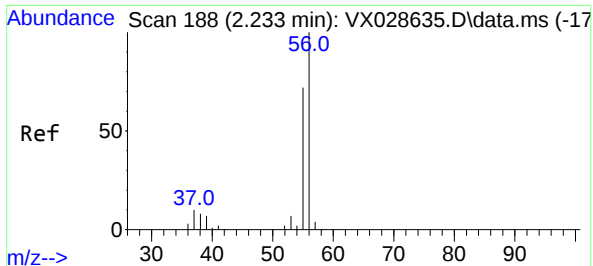
Tgt Ion: 59 Resp: 12146
Ion Ratio Lower Upper
59 100
57 1.6 8.3 12.5#

Abundance Scan 305 (2.947 min): VX028790.D\data.ms



Abundance Scan 305 (2.947 min): VX028790.D\data.ms (-25)





#13

Acrolein

Concen: 0.319 ug/l

RT: 2.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX028790.D

Acq: 18 May 2022 04:32

Instrument :

MSVOA_X

ClientSampleId :

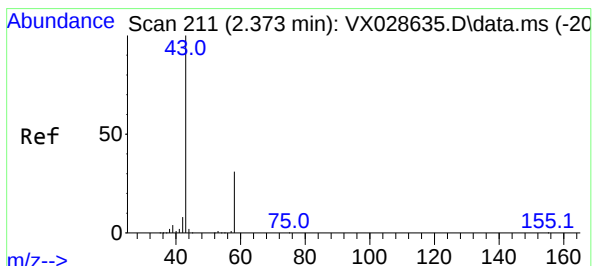
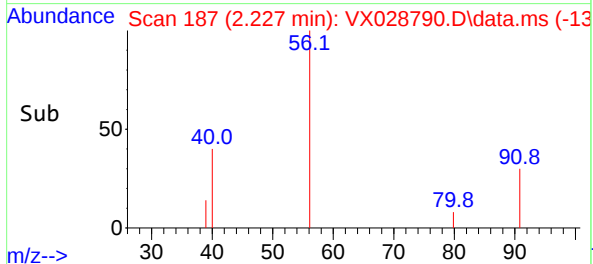
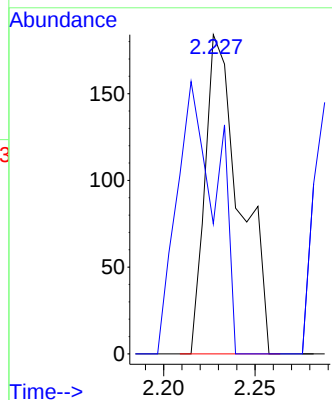
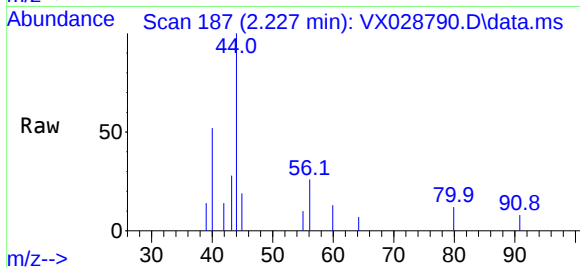
SLP-1

Tgt Ion: 56 Resp: 245

Ion Ratio Lower Upper

56 100

55 95.9 55.0 82.6#



#16

Acetone

Concen: 23.955 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.007 min

Lab File: VX028790.D

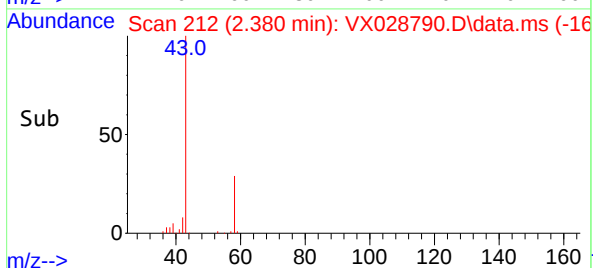
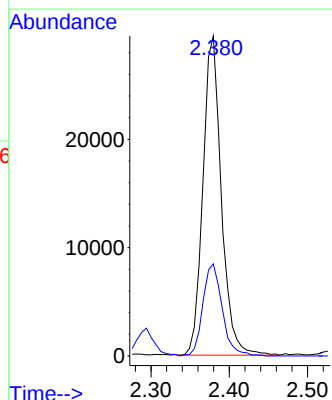
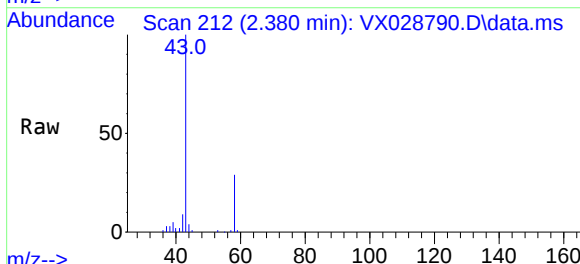
Acq: 18 May 2022 04:32

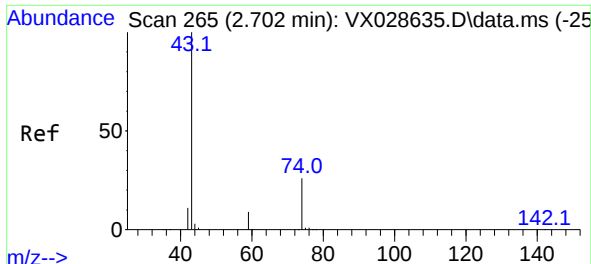
Tgt Ion: 43 Resp: 48082

Ion Ratio Lower Upper

43 100

58 28.9 28.8 43.2





#18

Methyl Acetate

Concen: 0.494 ug/l

RT: 2.709 min Scan# 2

Delta R.T. 0.007 min

Lab File: VX028790.D

Acq: 18 May 2022 04:32

Instrument :

MSVOA_X

ClientSampleId :

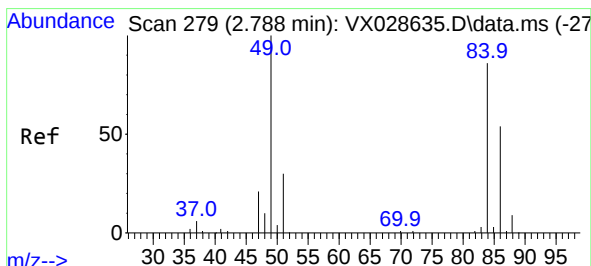
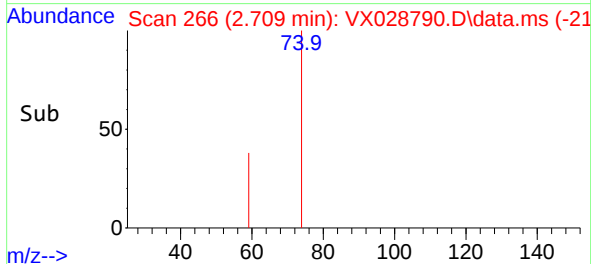
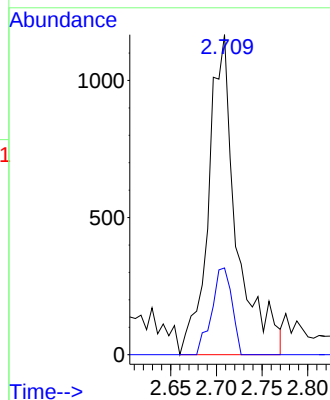
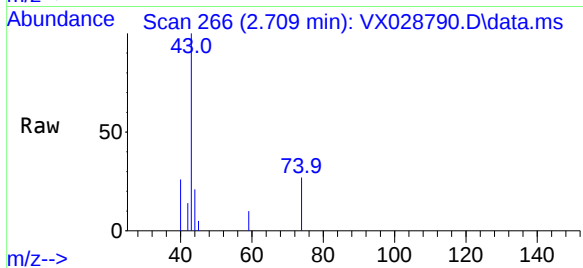
SLP-1

Tgt Ion: 43 Resp: 2481

Ion Ratio Lower Upper

43 100

74 19.5 22.8 34.2#



#20

Methylene Chloride

Concen: 5.036 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX028790.D

Acq: 18 May 2022 04:32

Tgt Ion: 84 Resp: 21205

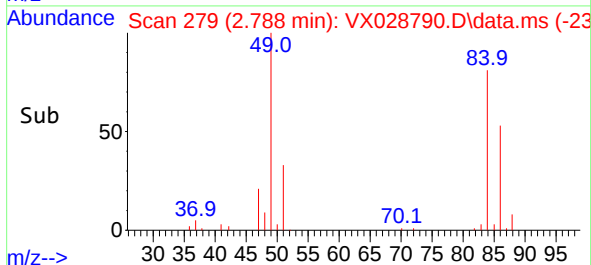
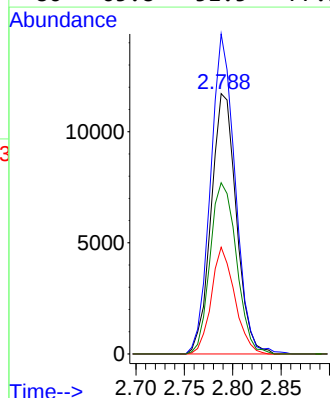
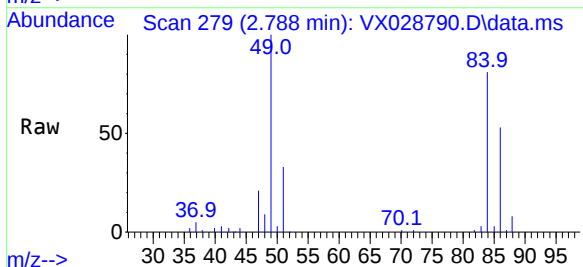
Ion Ratio Lower Upper

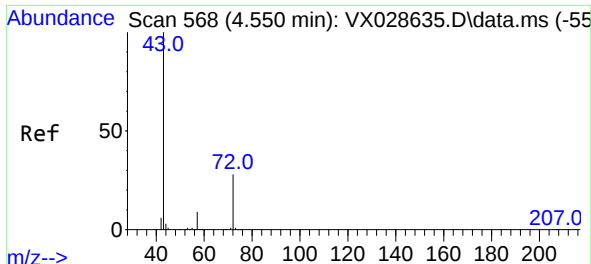
84 100

49 122.9 85.5 128.3

51 41.0 26.6 39.8#

86 65.8 51.5 77.3

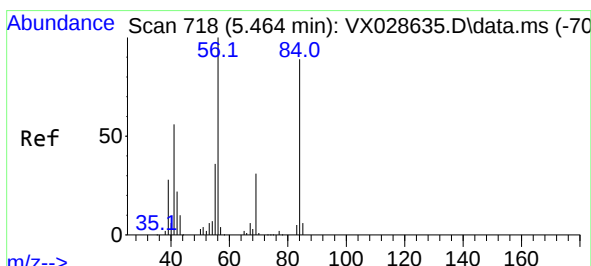
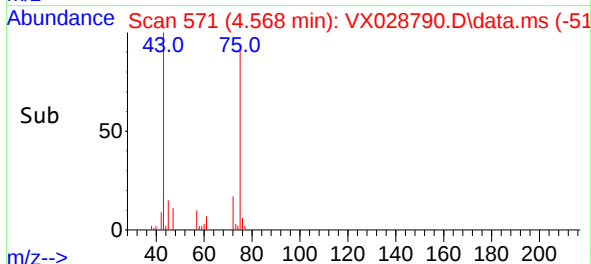
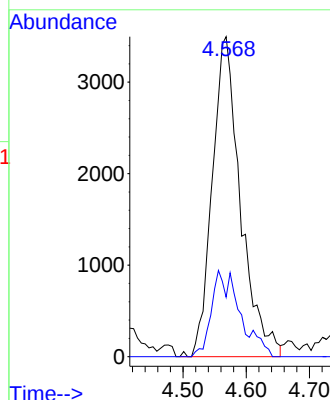
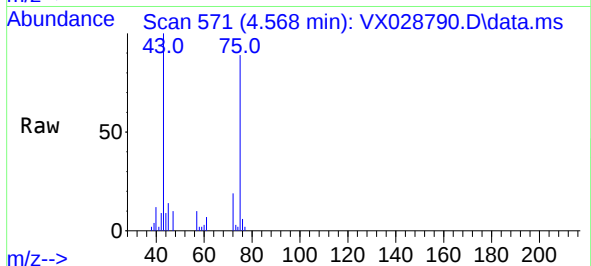




#25
2-Butanone
Concen: 3.441 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

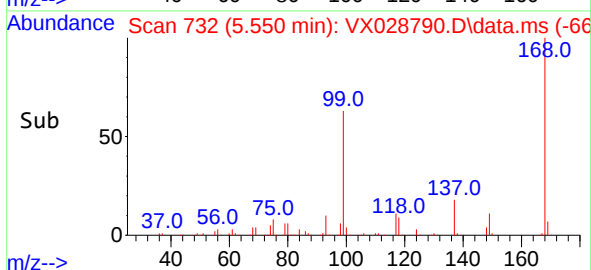
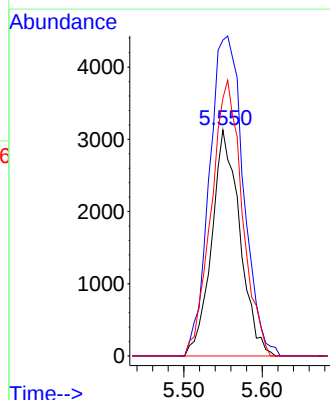
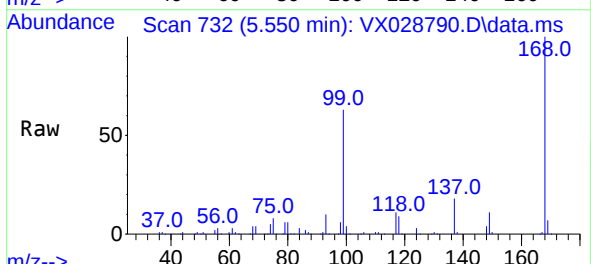
Instrument :
MSVOA_X
ClientSampleId :
SLP-1

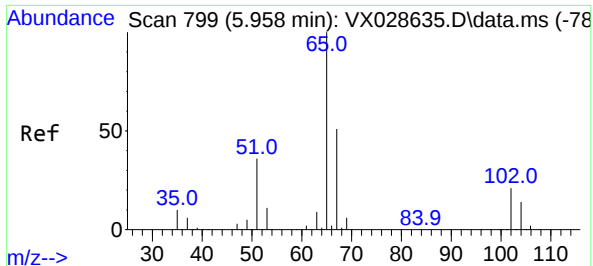
Tgt Ion: 43 Resp: 10841
Ion Ratio Lower Upper
43 100
72 18.6 24.4 36.6#



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.086 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

Tgt Ion: 56 Resp: 7815
Ion Ratio Lower Upper
56 100
69 139.7 26.7 40.1#
84 114.0 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 53.445 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028790.D

Acq: 18 May 2022 04:32

Instrument :

MSVOA_X

ClientSampleId :

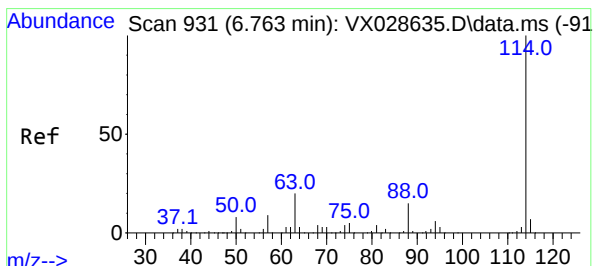
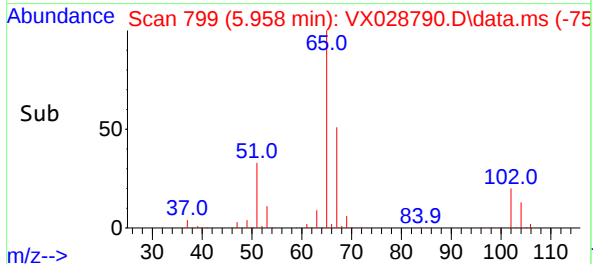
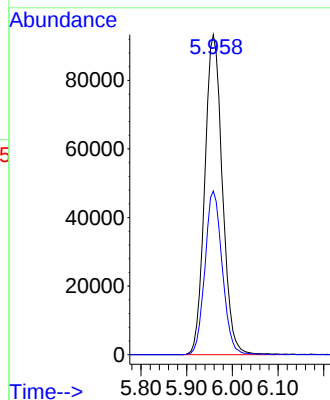
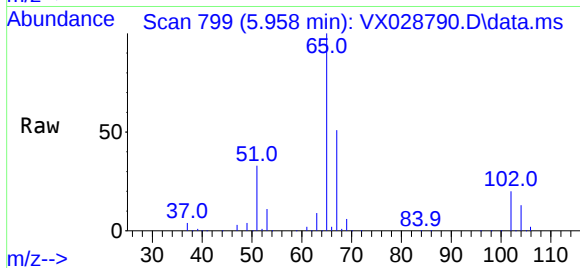
SLP-1

Tgt Ion: 65 Resp: 249948

Ion Ratio Lower Upper

65 100

67 50.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028790.D

Acq: 18 May 2022 04:32

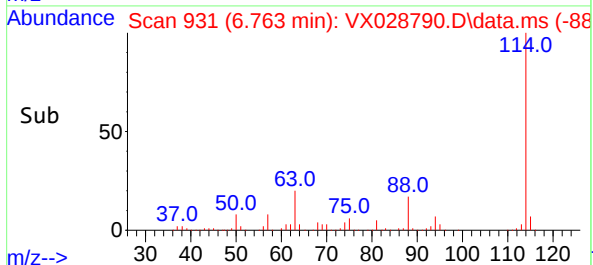
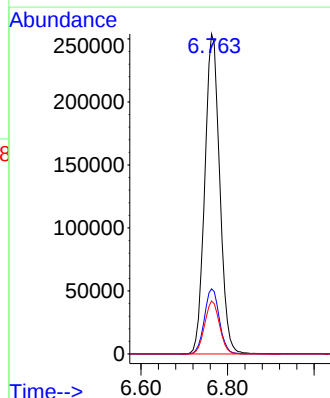
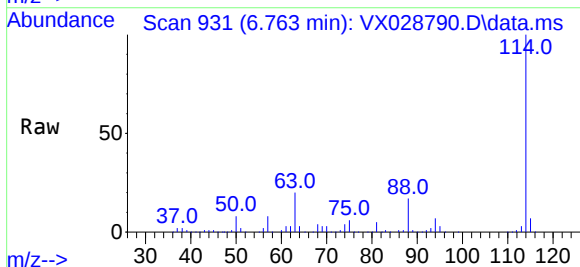
Tgt Ion: 114 Resp: 606911

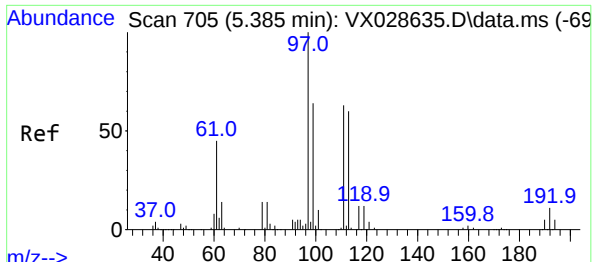
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.8

88 16.5 0.0 32.4

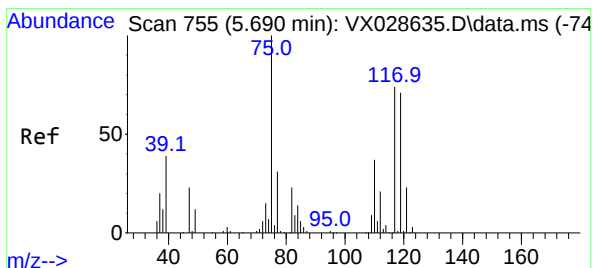
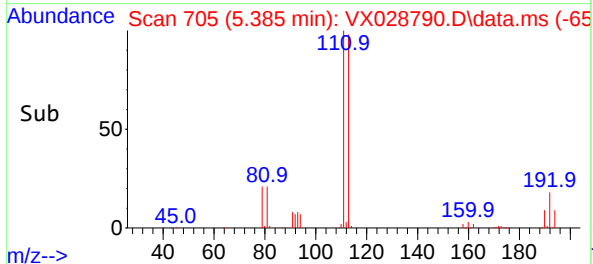
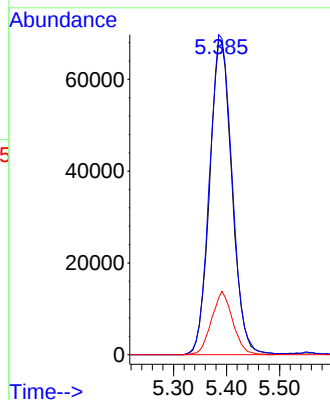
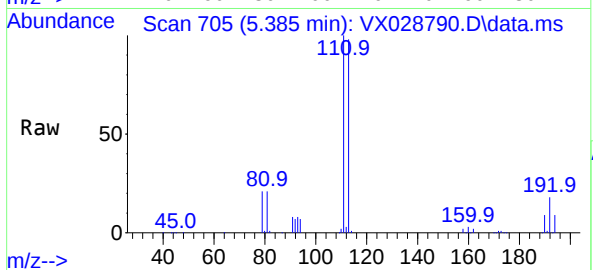




#35
Dibromofluoromethane
Concen: 50.421 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

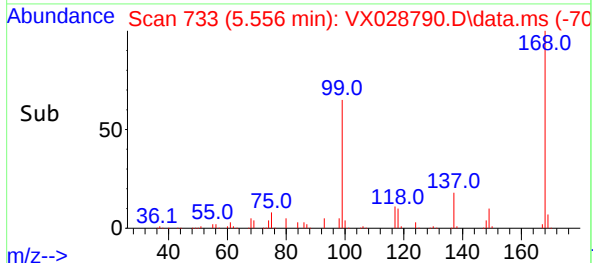
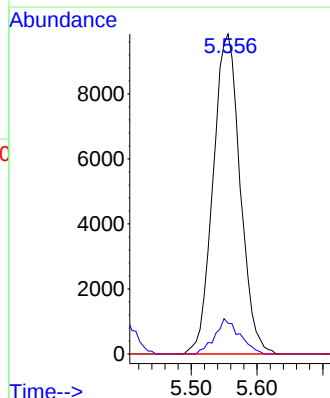
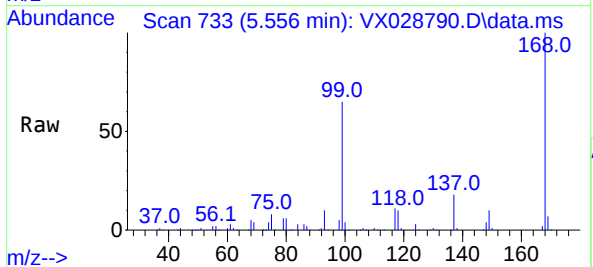
Instrument :
MSVOA_X
ClientSampleId :
SLP-1

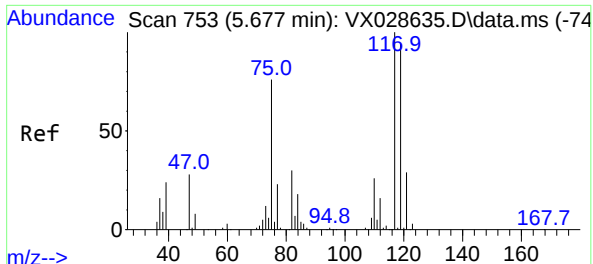
Tgt Ion:113 Resp: 200493
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

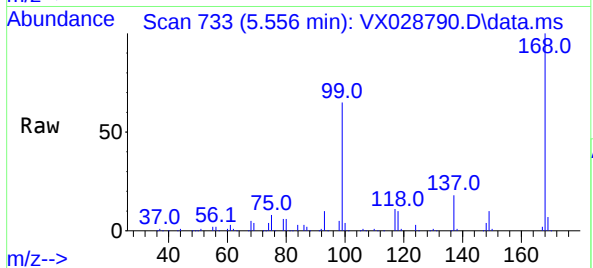
Tgt Ion: 75 Resp: 28136
Ion Ratio Lower Upper
75 100
110 10.1 18.3 54.8#
77 0.0 24.8 37.2#



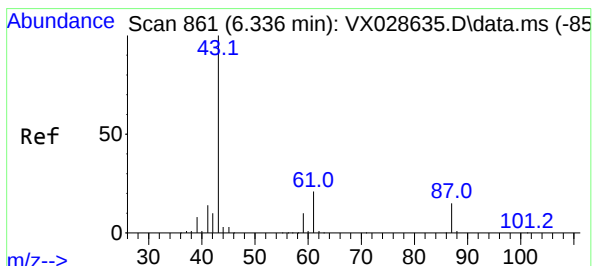
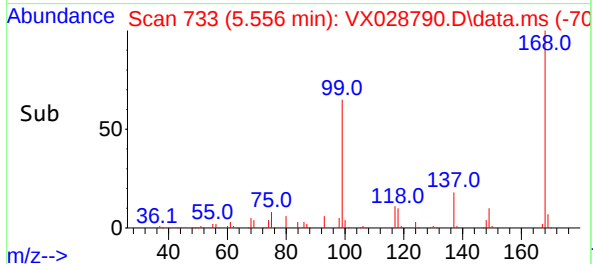
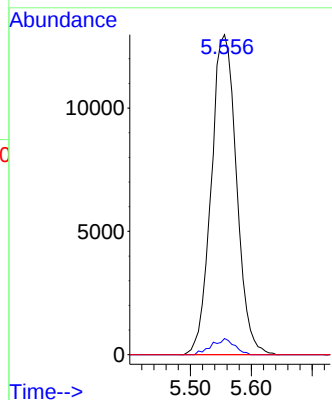


#38
Carbon Tetrachloride
Concen: 6.225 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

Instrument :
MSVOA_X
ClientSampleId :
SLP-1

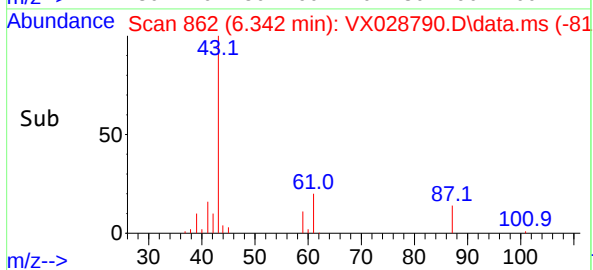
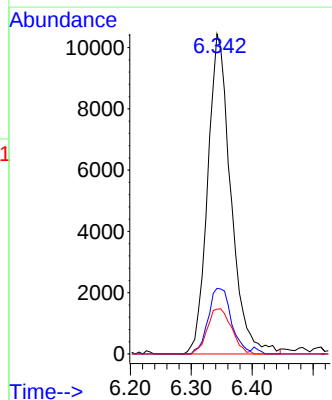
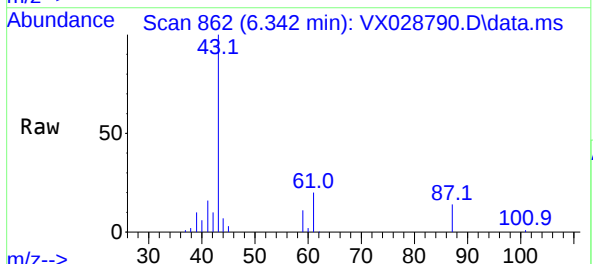


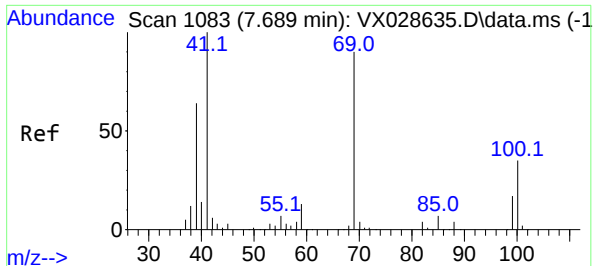
Tgt Ion:117 Resp: 37416
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 2.827 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

Tgt Ion: 43 Resp: 27588
Ion Ratio Lower Upper
43 100
61 20.4 18.5 27.7
87 14.7 13.0 19.6





#48

Methyl methacrylate

Concen: 1.684 ug/l

RT: 7.598 min Scan# 1068

Delta R.T. -0.091 min

Lab File: VX028790.D

Acq: 18 May 2022 04:32

Instrument :

MSVOA_X

ClientSampleId :

SLP-1

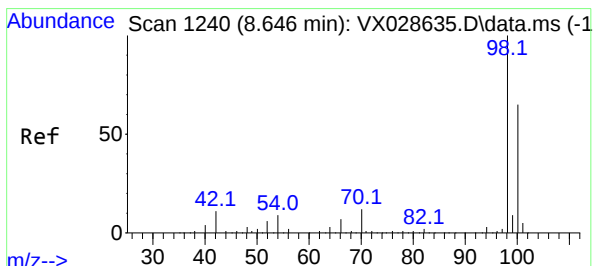
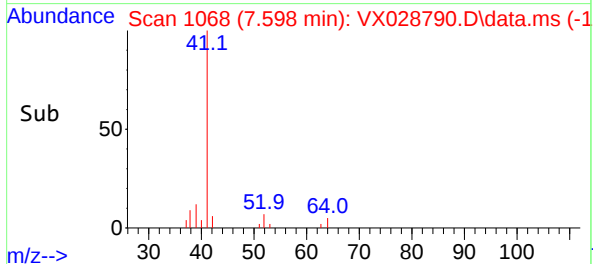
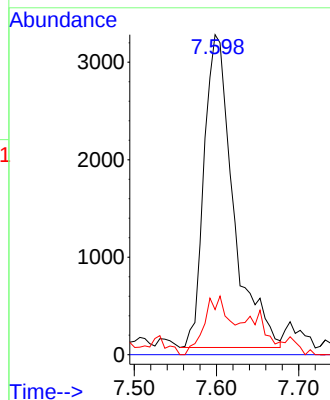
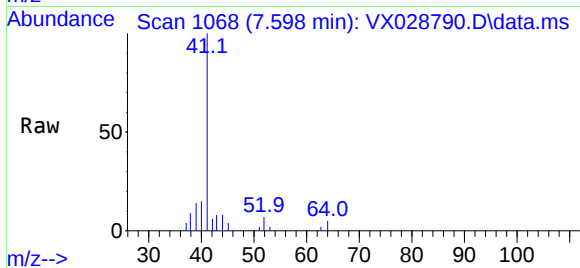
Tgt Ion: 41 Resp: 7940

Ion Ratio Lower Upper

41 100

69 0.0 82.5 123.7#

39 0.0 43.8 65.8#



#50

Toluene-d8

Concen: 48.442 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028790.D

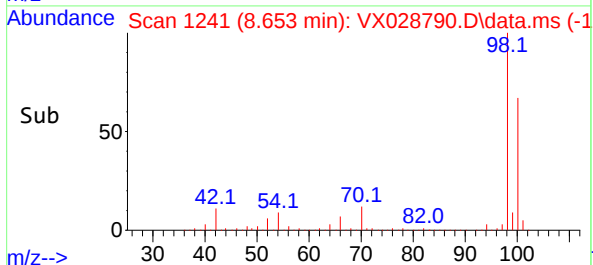
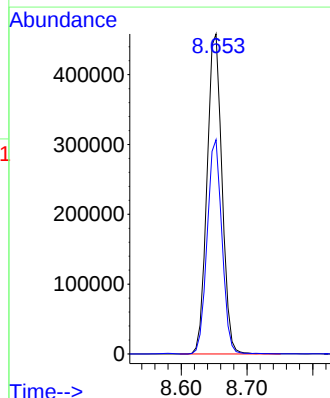
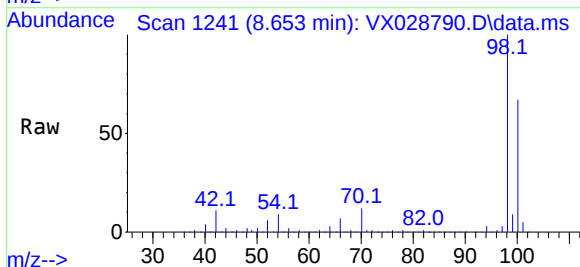
Acq: 18 May 2022 04:32

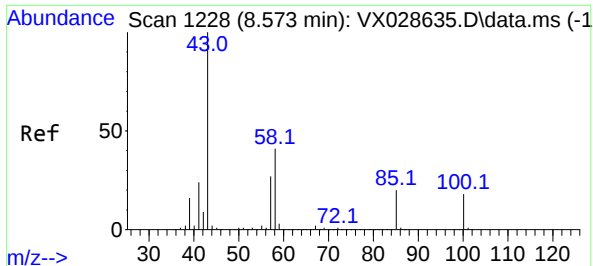
Tgt Ion: 98 Resp: 726230

Ion Ratio Lower Upper

98 100

100 66.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 16.162 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX028790.D

Acq: 18 May 2022 04:32

Instrument :

MSVOA_X

ClientSampleId :

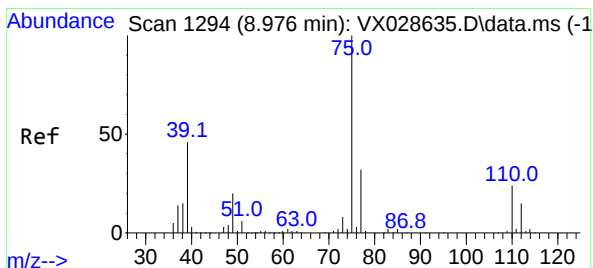
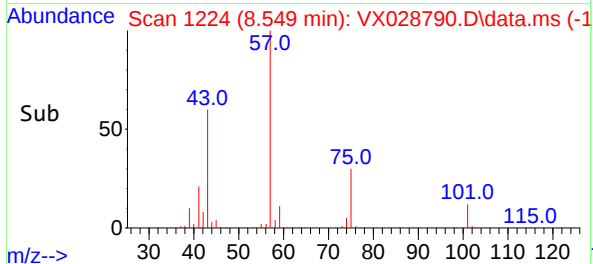
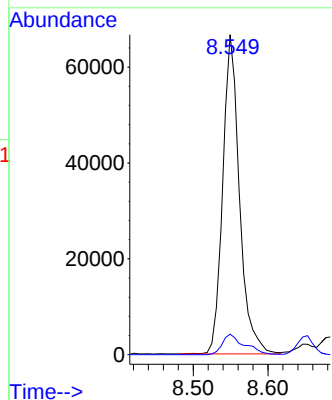
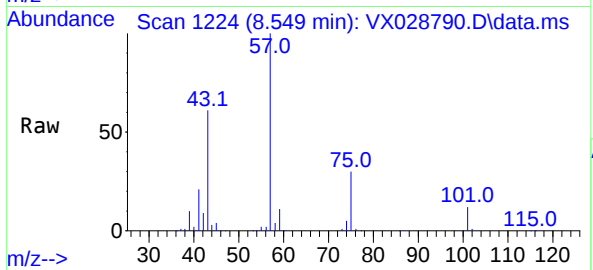
SLP-1

Tgt Ion: 43 Resp: 103892

Ion Ratio Lower Upper

43 100

58 8.5 36.1 54.1#



#53

t-1,3-Dichloropropene

Concen: 1.644 ug/l

RT: 8.994 min Scan# 1297

Delta R.T. 0.018 min

Lab File: VX028790.D

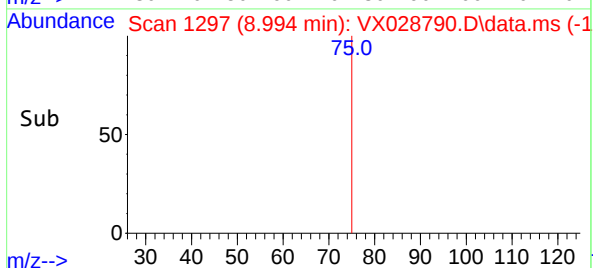
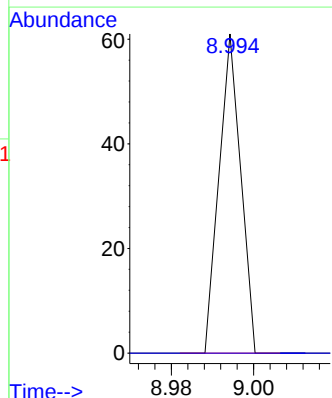
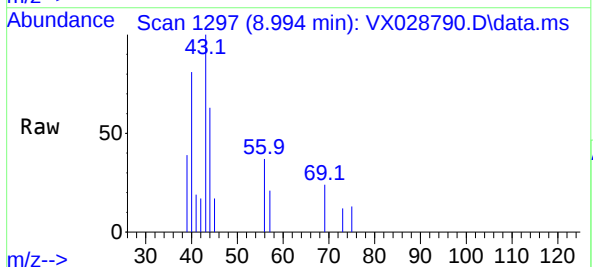
Acq: 18 May 2022 04:32

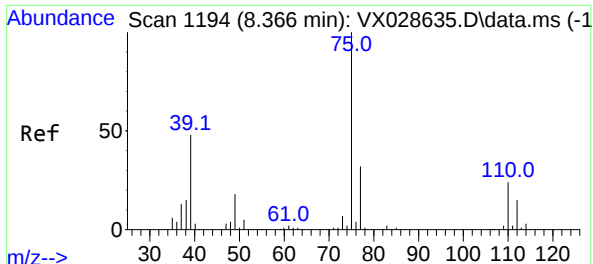
Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

77 0.0 25.4 38.0#

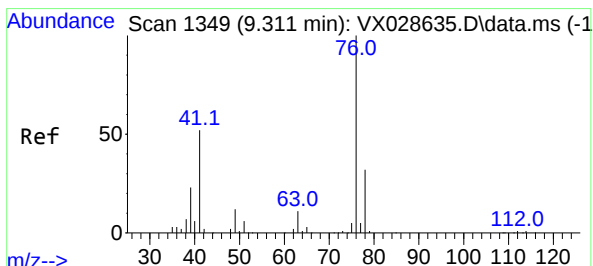
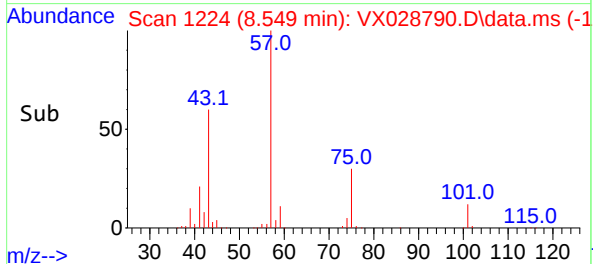
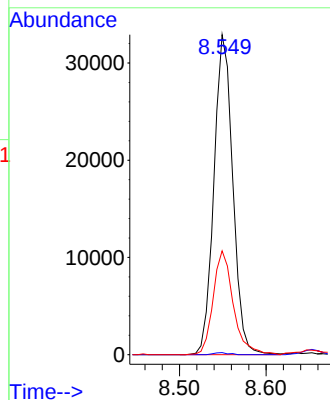
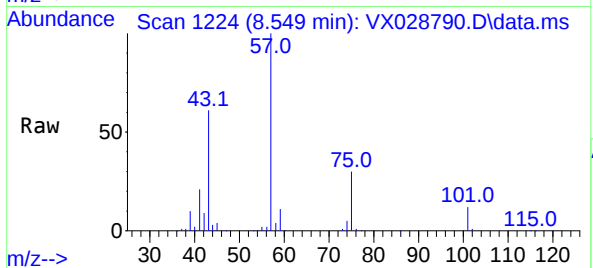




#54
 cis-1,3-Dichloropropene
 Concen: 7.453 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX028790.D
 Acq: 18 May 2022 04:32

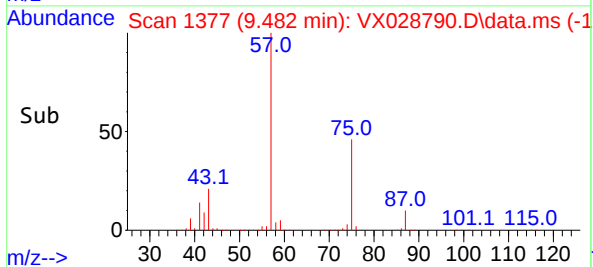
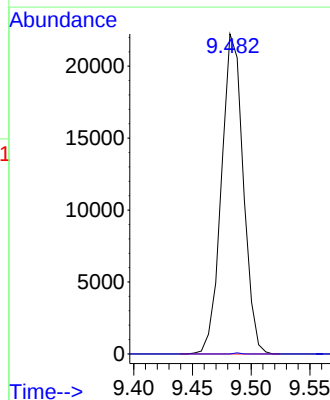
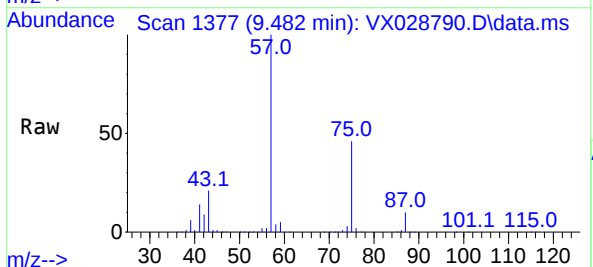
Instrument :
 MSVOA_X
 ClientSampleId :
 SLP-1

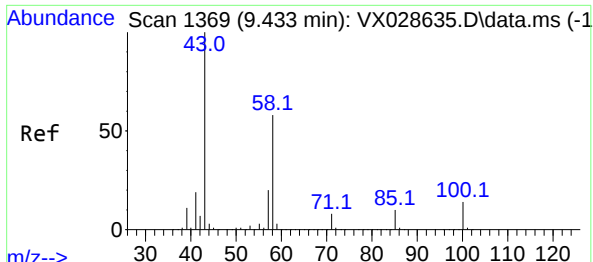
Tgt Ion: 75 Resp: 49792
 Ion Ratio Lower Upper
 75 100
 77 0.6 24.8 37.2#
 39 32.5 29.6 44.4



#57
 1,3-Dichloropropane
 Concen: 3.787 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX028790.D
 Acq: 18 May 2022 04:32

Tgt Ion: 76 Resp: 28760
 Ion Ratio Lower Upper
 76 100
 78 0.1 25.8 38.8#





#59

2-Hexanone

Concen: 74.176 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX028790.D

Acq: 18 May 2022 04:32

Instrument :

MSVOA_X

ClientSampleId :

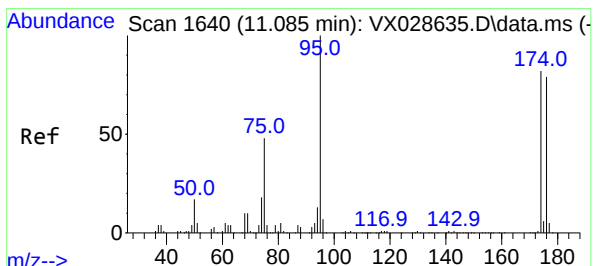
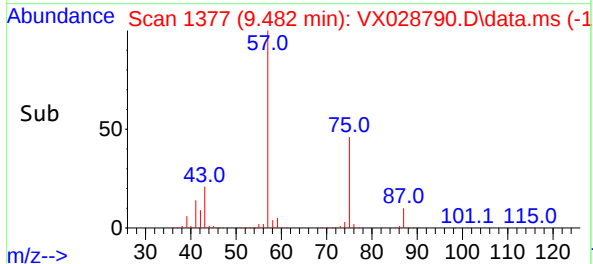
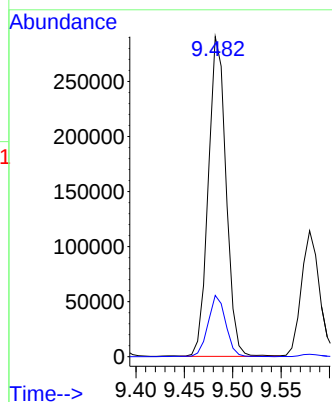
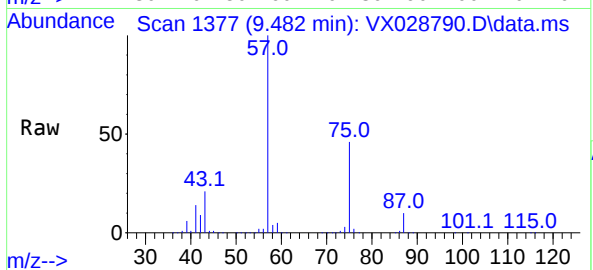
SLP-1

Tgt Ion: 43 Resp: 370459

Ion Ratio Lower Upper

43 100

58 19.2 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 51.076 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX028790.D

Acq: 18 May 2022 04:32

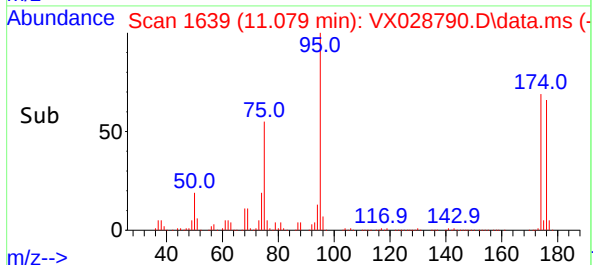
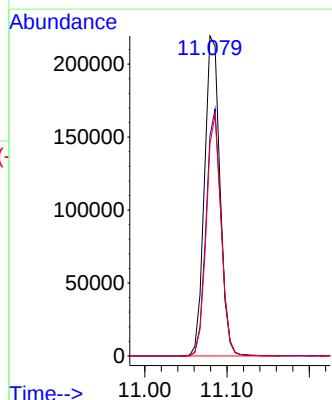
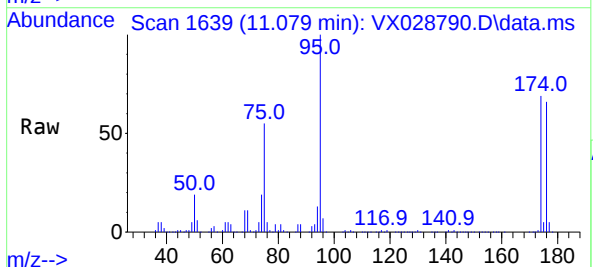
Tgt Ion: 95 Resp: 285999

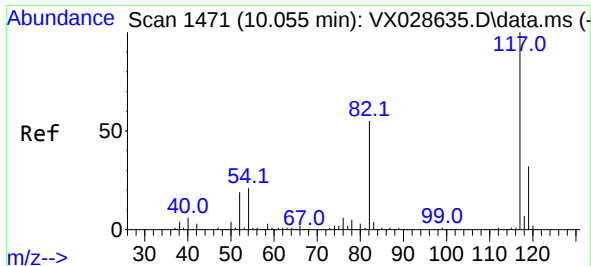
Ion Ratio Lower Upper

95 100

174 74.6 0.0 163.0

176 72.1 0.0 155.0

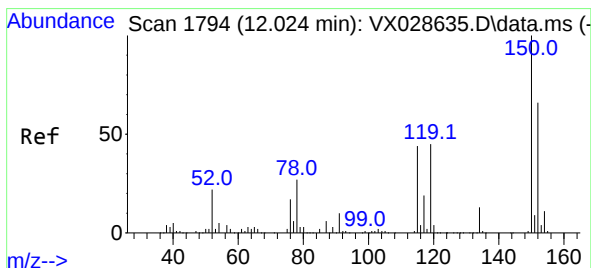
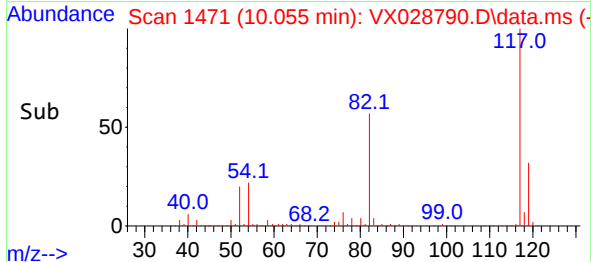
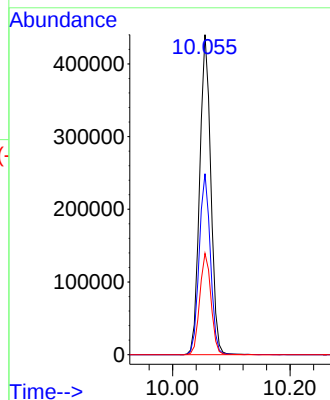
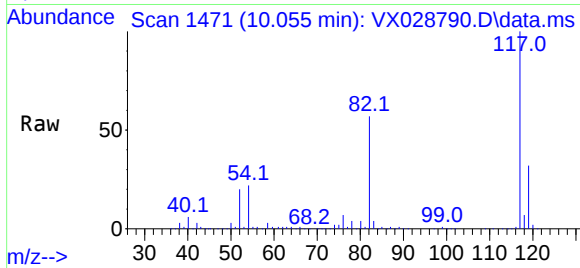




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

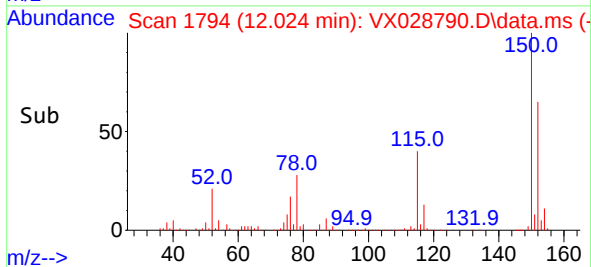
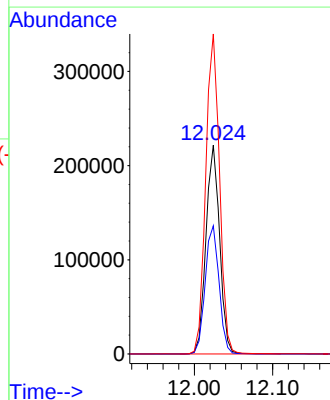
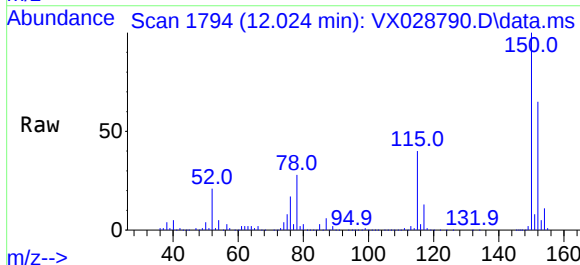
Instrument :
MSVOA_X
ClientSampleId :
SLP-1

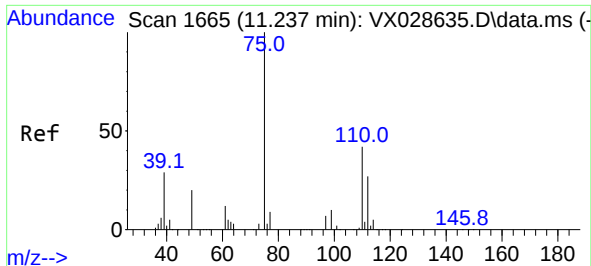
Tgt Ion:117 Resp: 577665
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 31.7 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

Tgt Ion:152 Resp: 267657
Ion Ratio Lower Upper
152 100
115 62.5 37.5 112.7
150 155.1 0.0 338.2

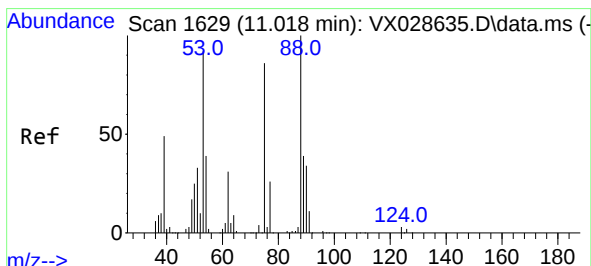
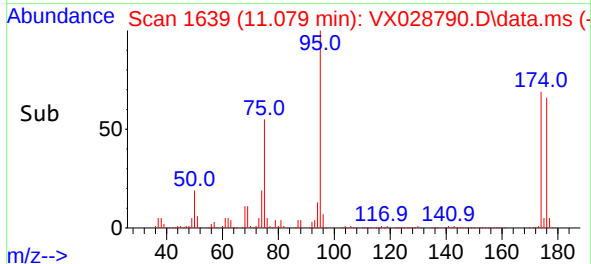
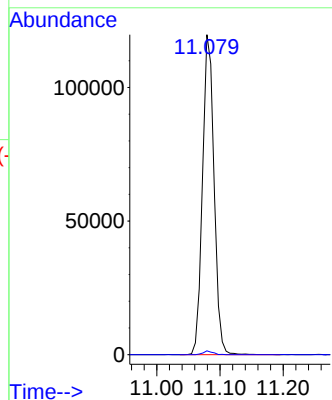
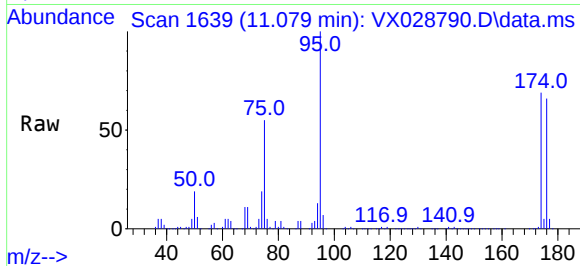




#76
1,2,3-Trichloropropane
Concen: 24.342 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

Instrument :
MSVOA_X
ClientSampleId :
SLP-1

Tgt Ion: 75 Resp: 152579
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.866 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028790.D
Acq: 18 May 2022 04:32

Tgt Ion: 75 Resp: 152579
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

