

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028739.D
 Acq On : 16 May 2022 18:15
 Operator : JC/MD
 Sample : N2820-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STONE-PILE

Quant Time: May 17 03:40:15 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)

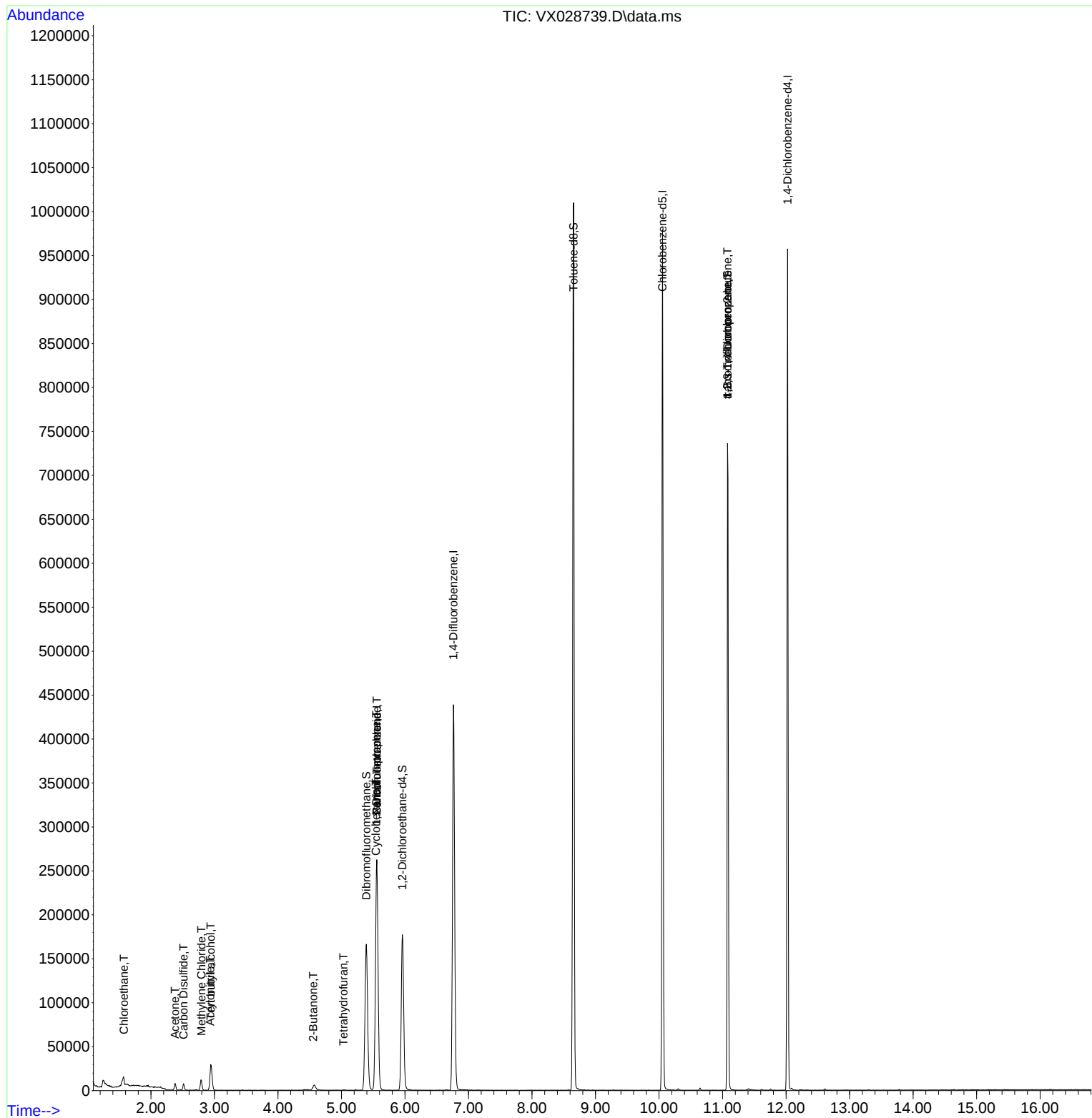
Internal Standards						
1) Pentafluorobenzene	5.556	168	239914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	437767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	412281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	180951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169404	51.512	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.020%	
35) Dibromofluoromethane	5.391	113	143271	49.952	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.900%	
50) Toluene-d8	8.653	98	585634	54.157	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.320%	
62) 4-Bromofluorobenzene	11.079	95	190956	47.279	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.560%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	944	Below Cal		83
6) Chloroethane	1.575	64	8261	2.001	ug/l #	57
11) Tert butyl alcohol	2.941	59	17161	17.157	ug/l #	75
15) Acrylonitrile	2.934	53	377	0.238	ug/l #	18
16) Acetone	2.380	43	8175	5.792	ug/l	93
17) Carbon Disulfide	2.514	76	8512	1.322	ug/l	96
20) Methylene Chloride	2.794	84	5488	1.853	ug/l	95
25) 2-Butanone	4.556	43	1115	0.503	ug/l #	80
29) Tetrahydrofuran	5.032	42	324	0.225	ug/l #	44
31) Cyclohexane	5.544	56	5873	1.287	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	20046	4.653	ug/l #	50
38) Carbon Tetrachloride	5.556	117	25750	5.939	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	102284	24.137	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	102284	70.302	ug/l #	15

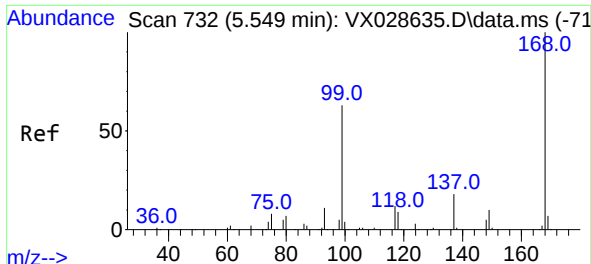
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 17 03:40:15 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

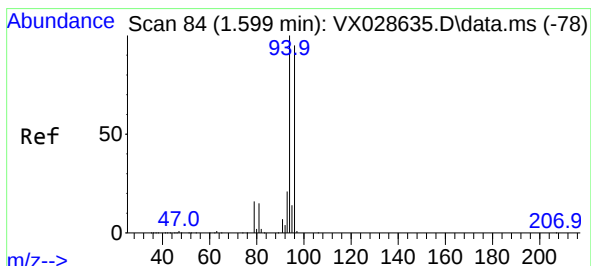
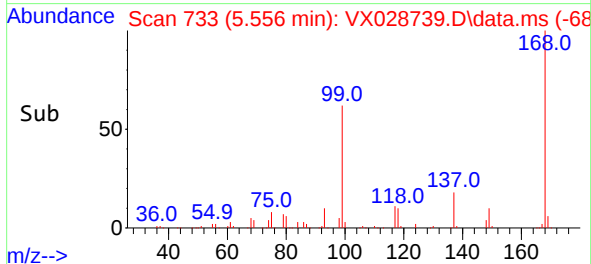
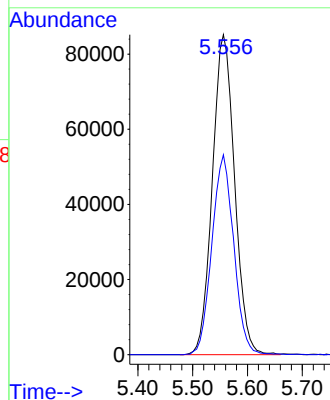
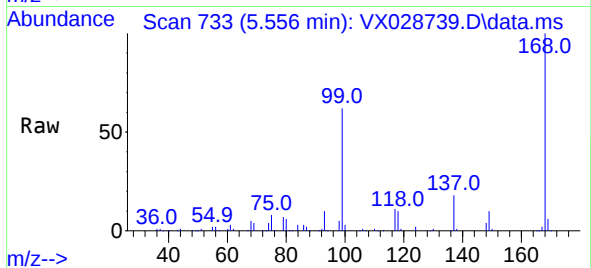




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

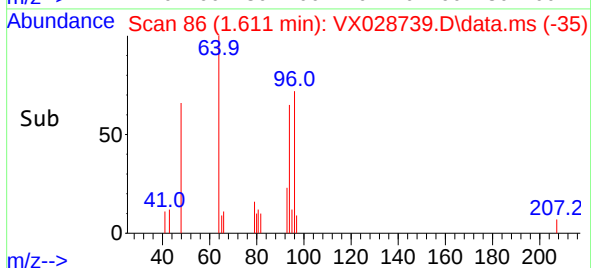
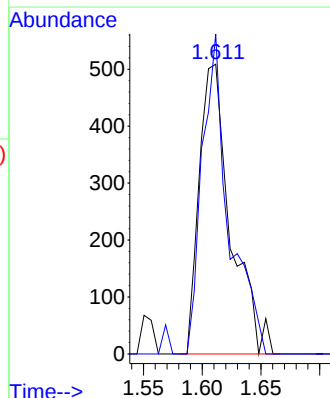
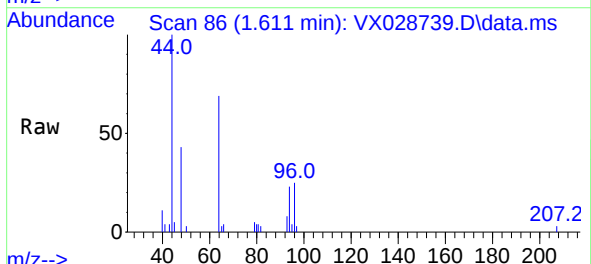
Instrument :
MSVOA_X
ClientSampleId :
STONE-PILE

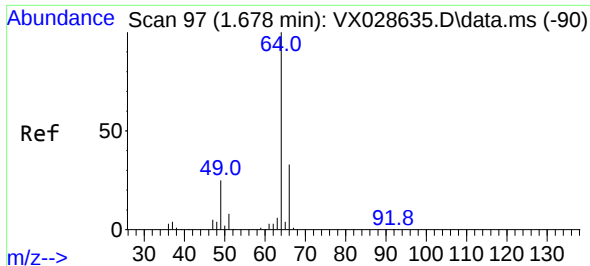
Tgt Ion:168 Resp: 239914
Ion Ratio Lower Upper
168 100
99 62.4 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Tgt Ion: 94 Resp: 944
Ion Ratio Lower Upper
94 100
96 110.4 75.3 112.9

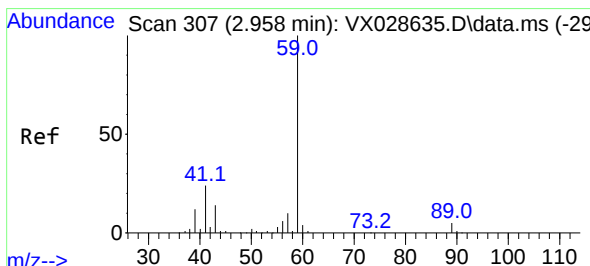
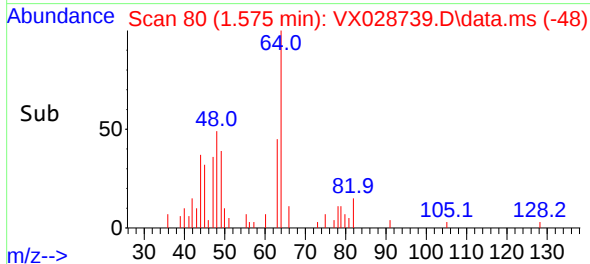
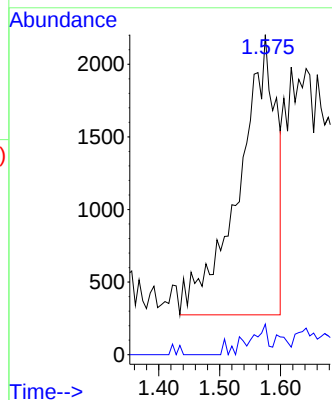
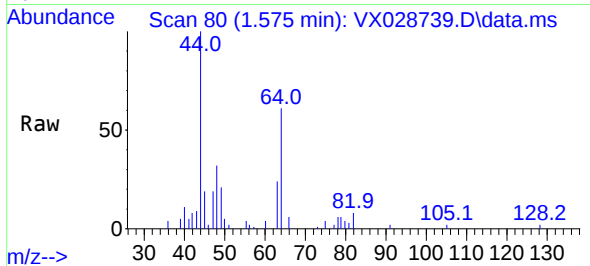




#6
Chloroethane
Concen: 2.001 ug/l
RT: 1.575 min Scan# 80
Delta R.T. -0.103 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

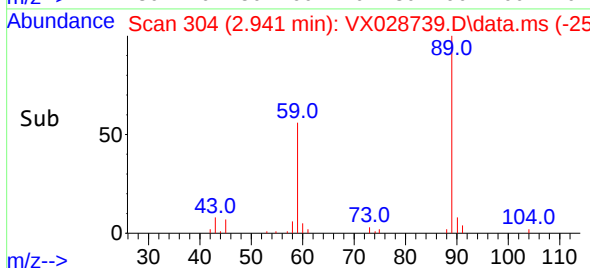
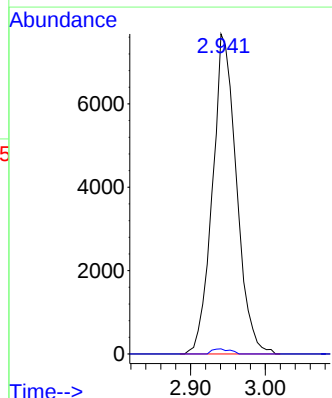
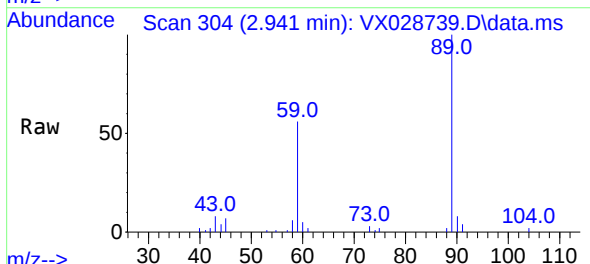
Instrument :
MSVOA_X
ClientSampleId :
STONE-PILE

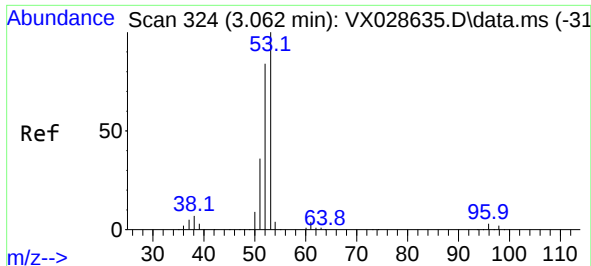
Tgt Ion: 64 Resp: 8261
Ion Ratio Lower Upper
64 100
66 7.6 25.3 37.9#



#11
Tert butyl alcohol
Concen: 17.157 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.018 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Tgt Ion: 59 Resp: 17161
Ion Ratio Lower Upper
59 100
57 1.2 8.3 12.5#

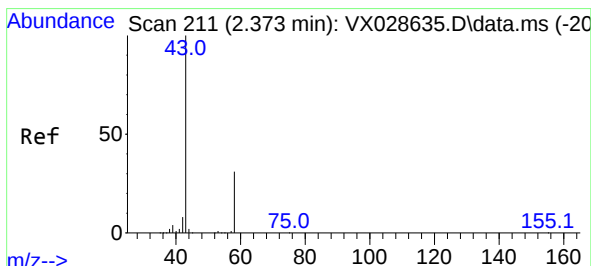
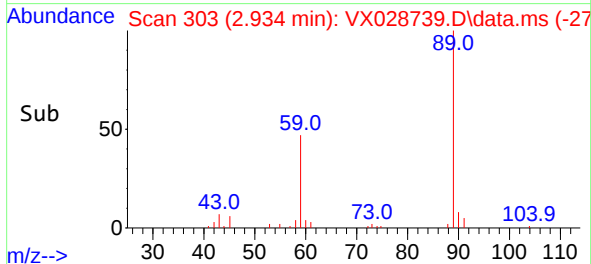
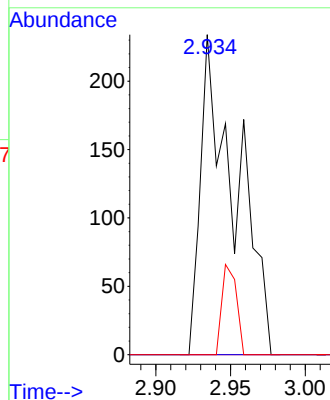
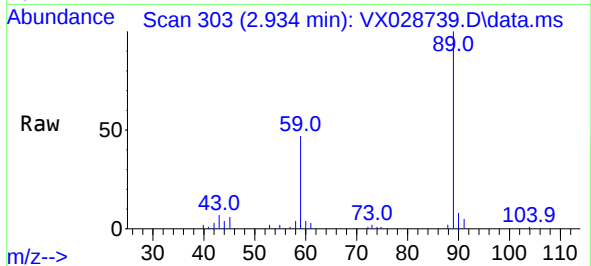




#15
Acrylonitrile
Concen: 0.238 ug/l
RT: 2.934 min Scan# 30
Delta R.T. -0.128 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

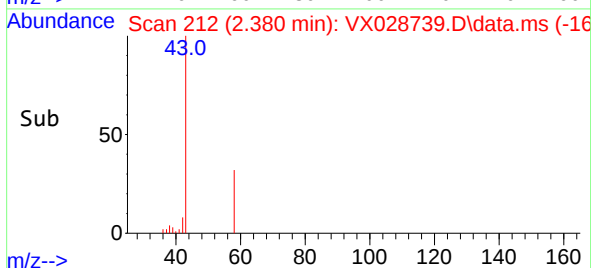
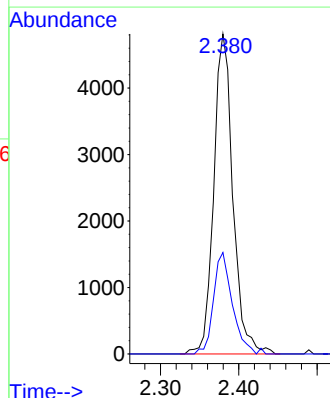
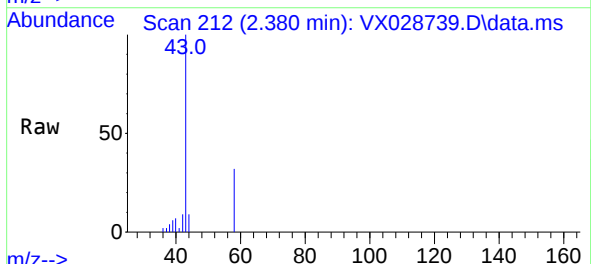
Instrument :
MSVOA_X
ClientSampleId :
STONE-PILE

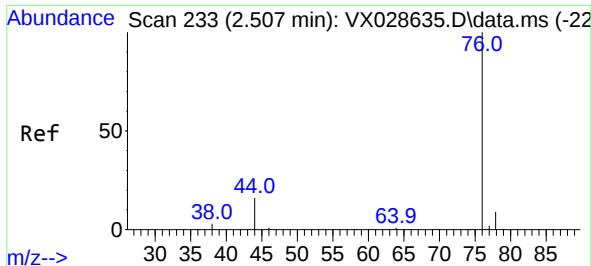
Tgt Ion: 53 Resp: 377
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 5.792 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Tgt Ion: 43 Resp: 8175
Ion Ratio Lower Upper
43 100
58 31.7 28.8 43.2

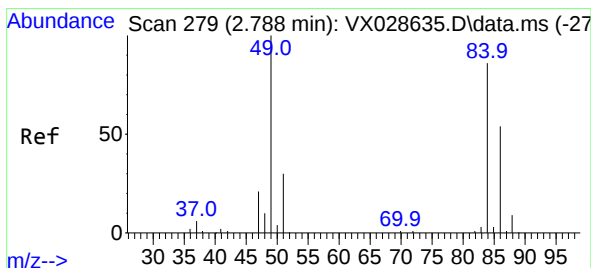
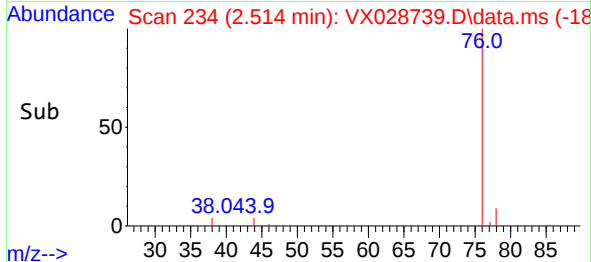
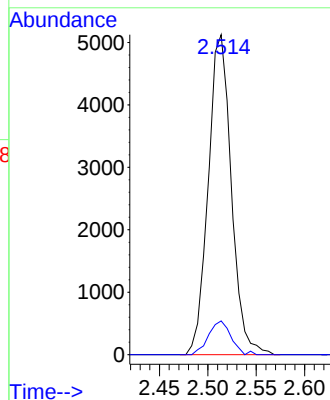
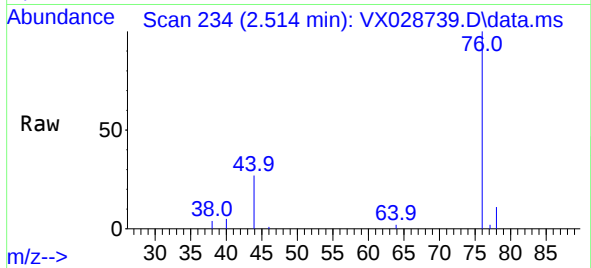




#17
Carbon Disulfide
Concen: 1.322 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

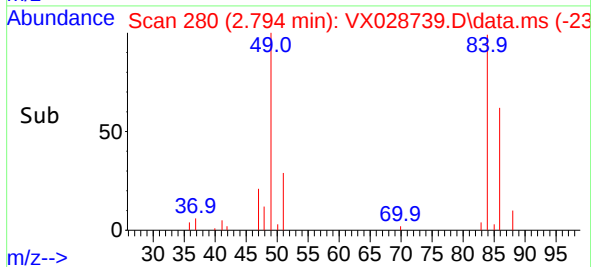
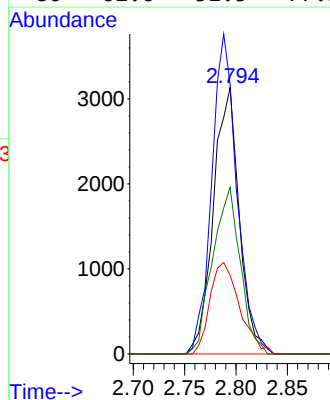
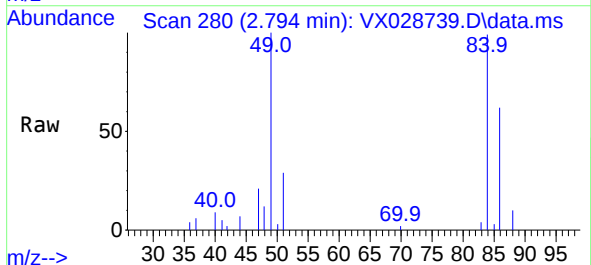
Instrument :
MSVOA_X
ClientSampleId :
STONE-PILE

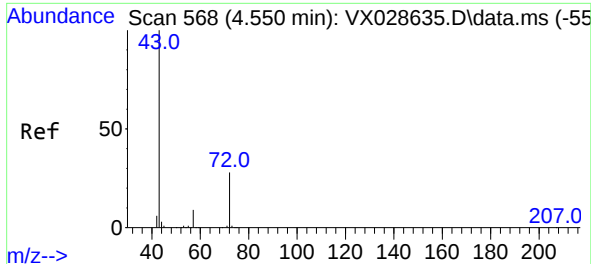
Tgt Ion: 76 Resp: 8512
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8



#20
Methylene Chloride
Concen: 1.853 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Tgt Ion: 84 Resp: 5488
Ion Ratio Lower Upper
84 100
49 101.1 85.5 128.3
51 29.5 26.6 39.8
86 62.6 51.5 77.3





#25

2-Butanone

Concen: 0.503 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX028739.D

Acq: 16 May 2022 18:15

Instrument :

MSVOA_X

ClientSampleId :

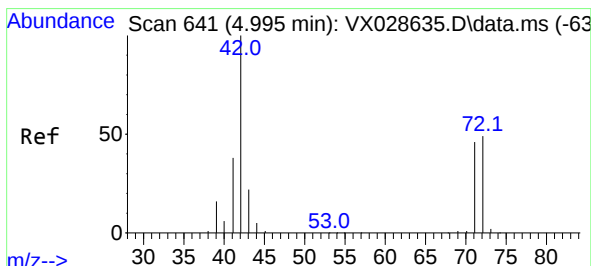
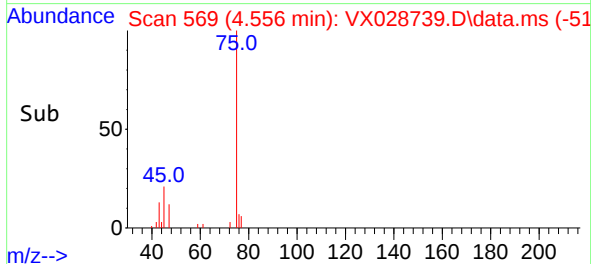
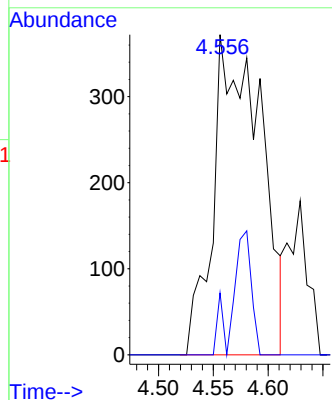
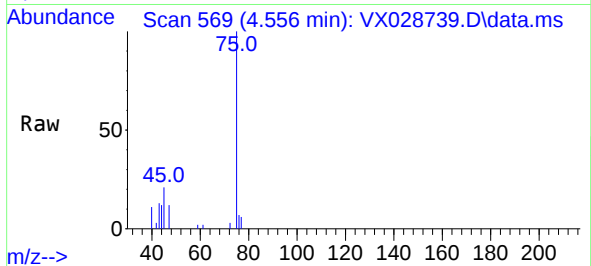
STONE-PILE

Tgt Ion: 43 Resp: 1115

Ion Ratio Lower Upper

43 100

72 19.4 24.4 36.6#



#29

Tetrahydrofuran

Concen: 0.225 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.037 min

Lab File: VX028739.D

Acq: 16 May 2022 18:15

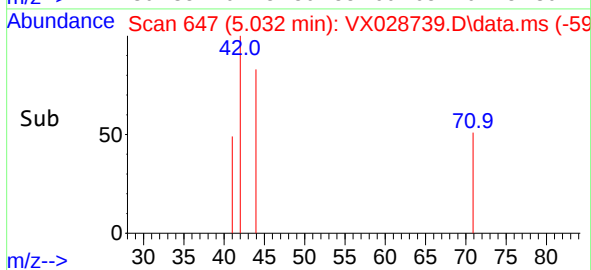
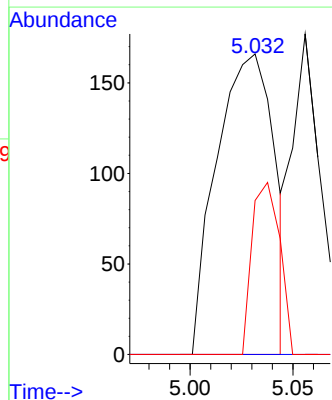
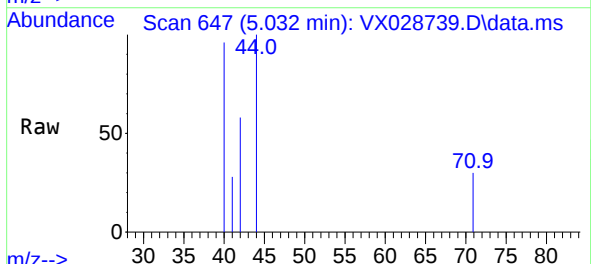
Tgt Ion: 42 Resp: 324

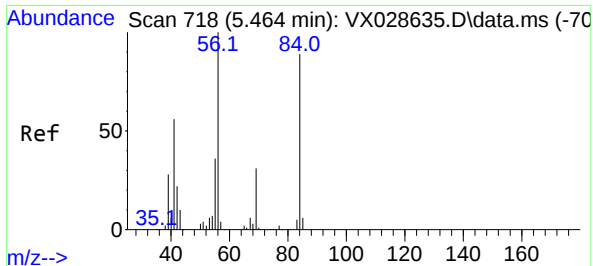
Ion Ratio Lower Upper

42 100

72 0.0 44.1 66.1#

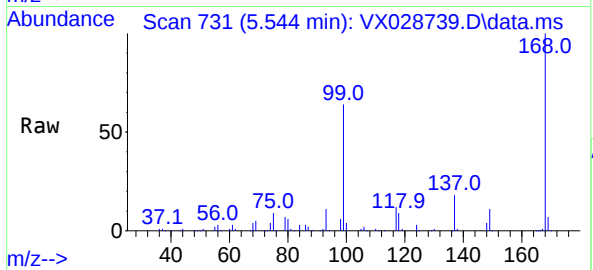
71 27.5 40.5 60.7#



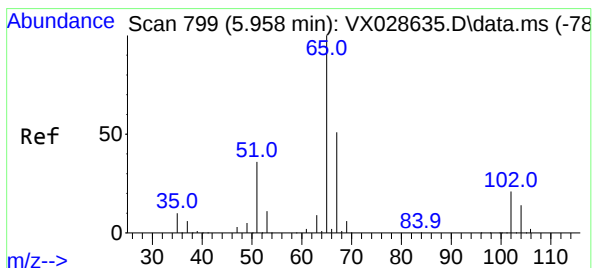
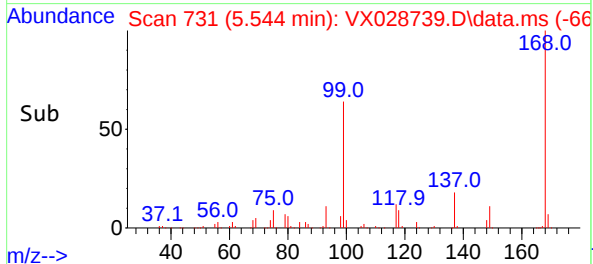
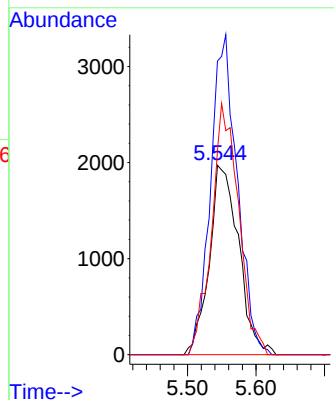


#31
Cyclohexane
Concen: 1.287 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.080 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Instrument :
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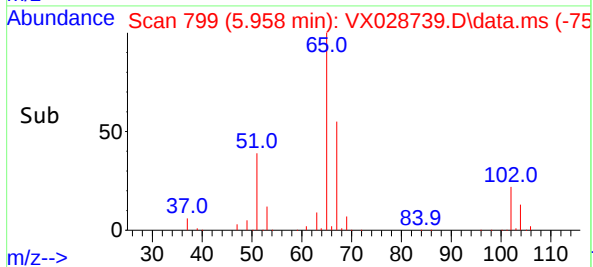
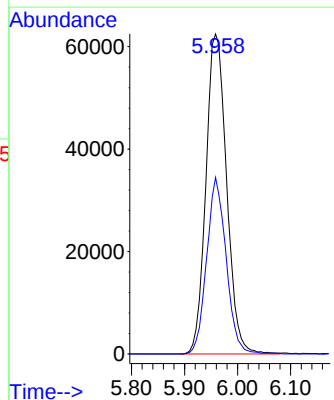
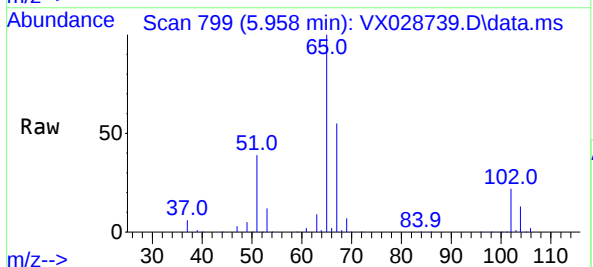


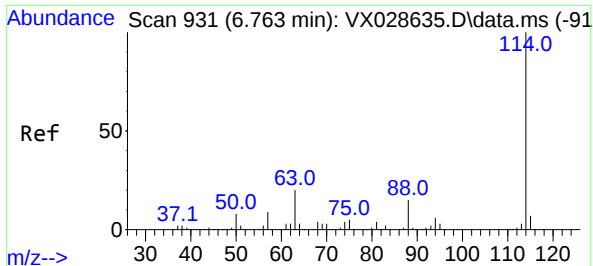
Tgt Ion: 56 Resp: 5873
Ion Ratio Lower Upper
56 100
69 155.0 26.7 40.1#
84 107.9 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 51.512 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Tgt Ion: 65 Resp: 169404
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4

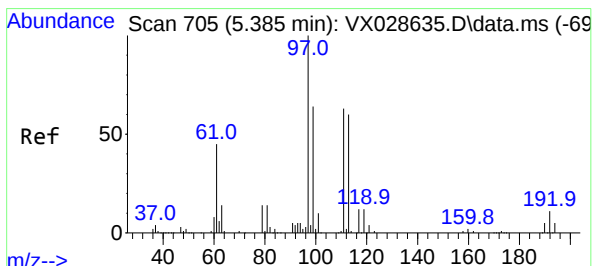
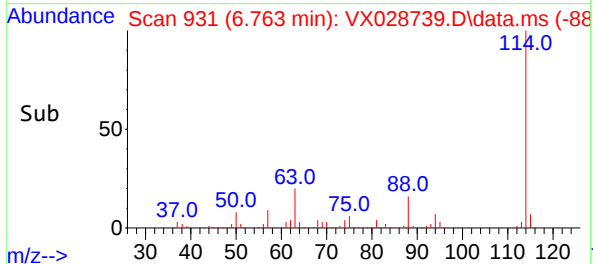
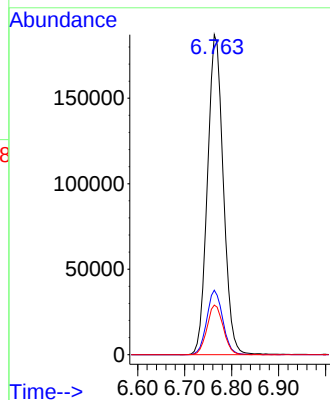
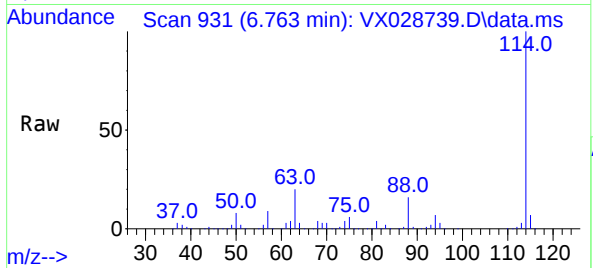




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

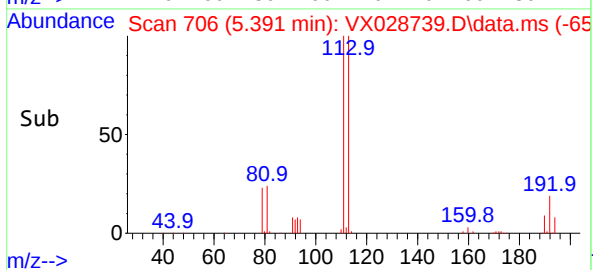
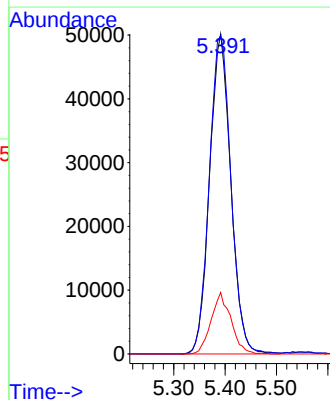
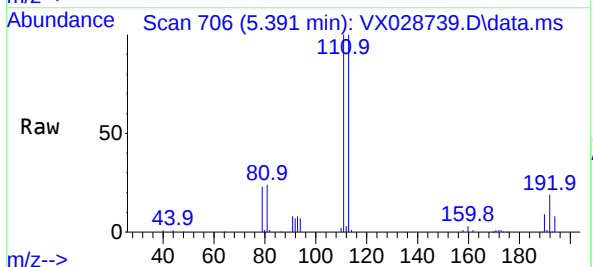
Instrument :
MSVOA_X
ClientSampleId :
STONE-PILE

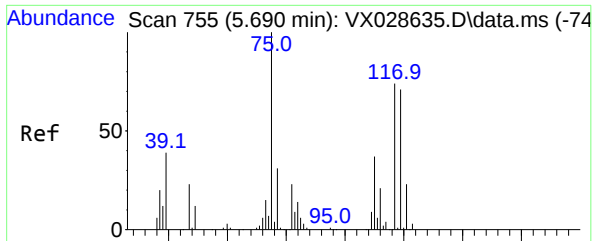
Tgt Ion:114 Resp: 437767
Ion Ratio Lower Upper
114 100
63 20.2 0.0 36.8
88 15.5 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.952 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

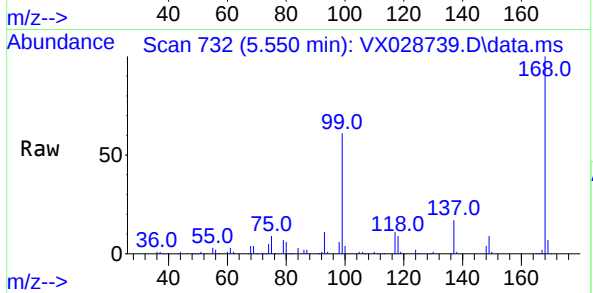
Tgt Ion:113 Resp: 143271
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 18.1 16.9 25.3



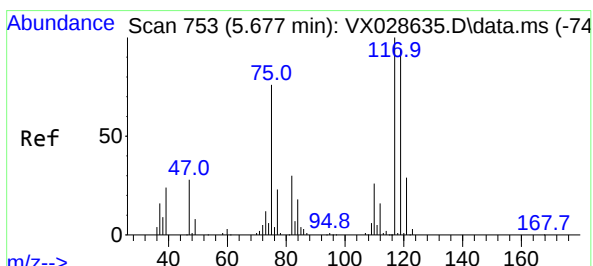
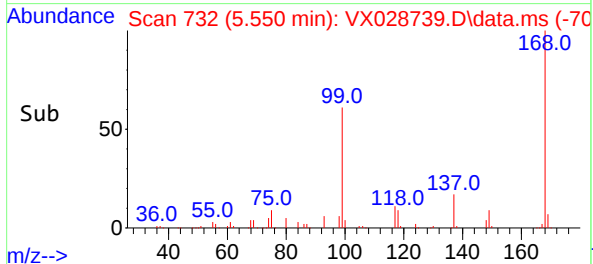
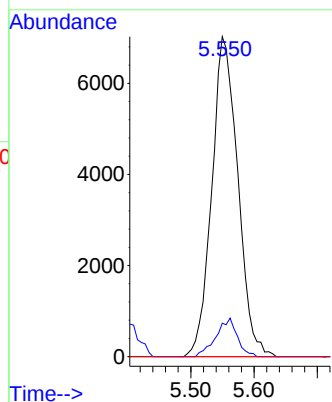


#36
1,1-Dichloropropene
Concen: 4.653 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Instrument :
MSVOA_X
ClientSampleId :
STONE-PILE

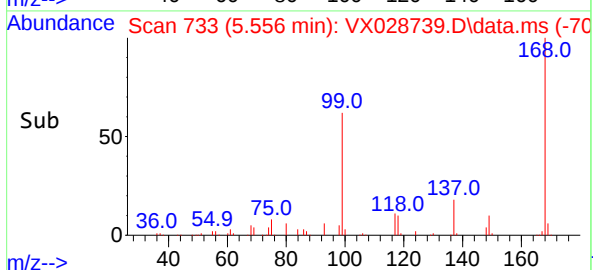
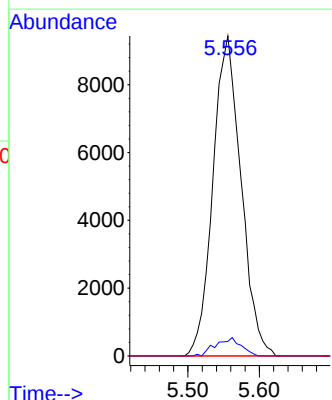
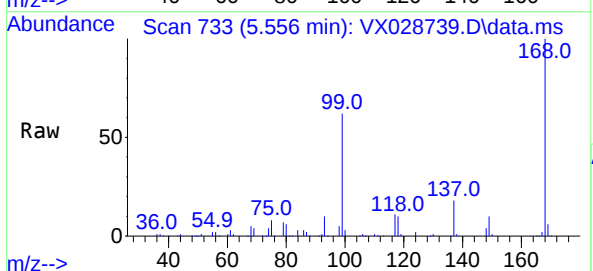


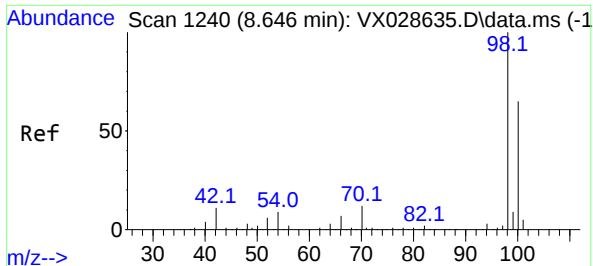
Tgt Ion: 75 Resp: 20046
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 5.939 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.121 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Tgt Ion: 117 Resp: 25750
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#

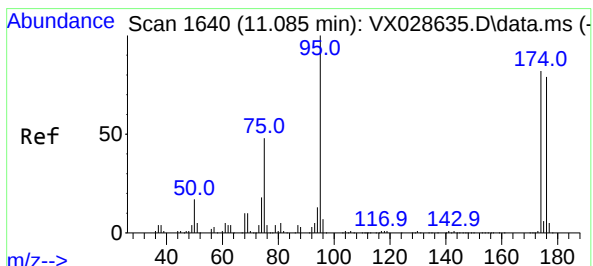
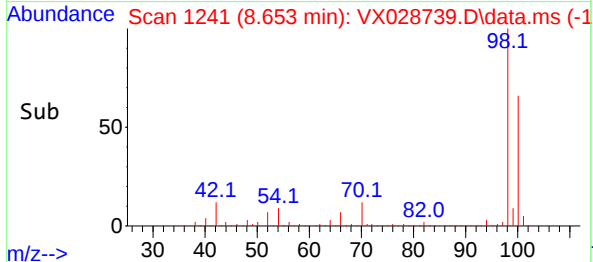
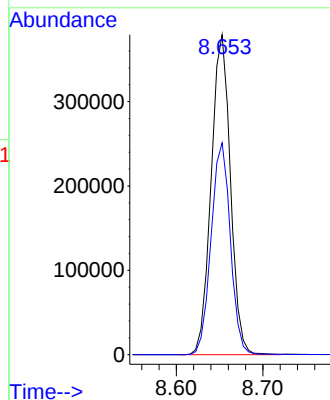
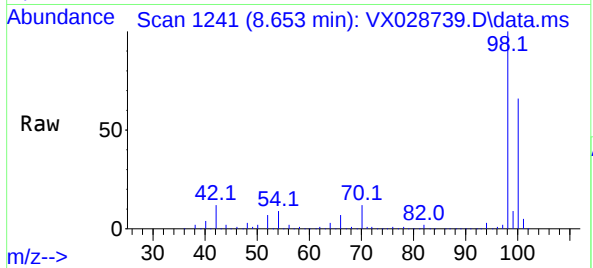




#50
Toluene-d8
Concen: 54.157 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

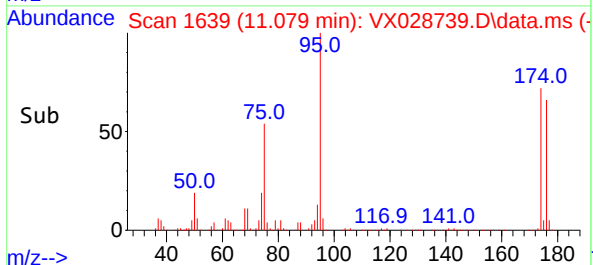
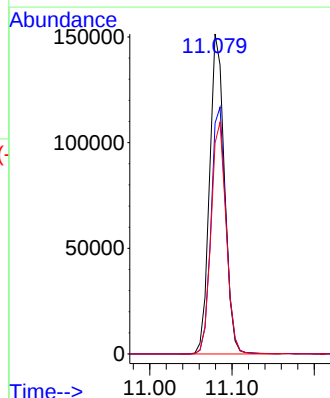
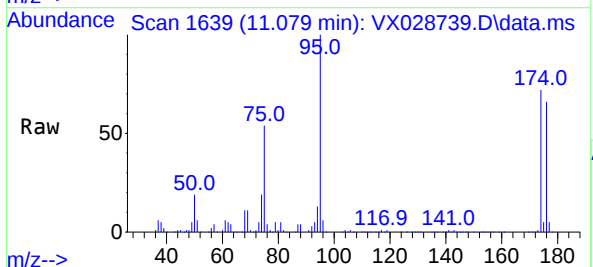
Instrument :
MSVOA_X
ClientSampleId :
STONE-PILE

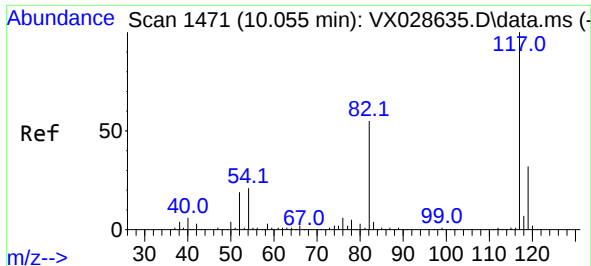
Tgt Ion: 98 Resp: 585634
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.279 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Tgt Ion: 95 Resp: 190956
Ion Ratio Lower Upper
95 100
174 77.3 0.0 163.0
176 73.1 0.0 155.0

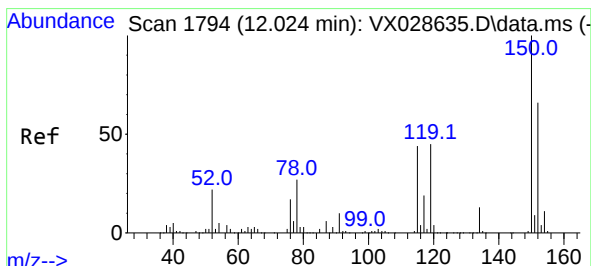
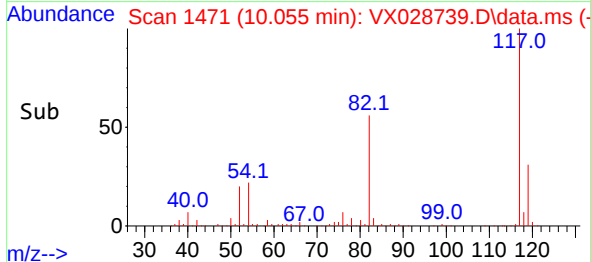
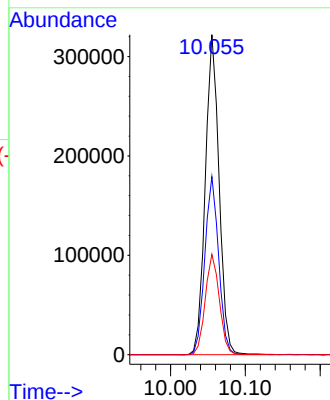
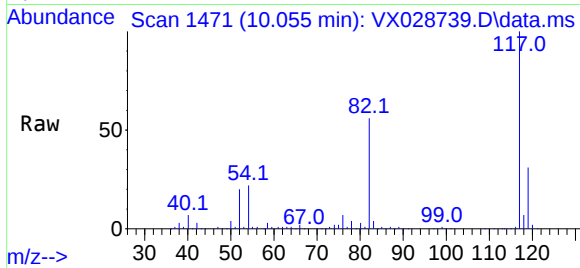




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

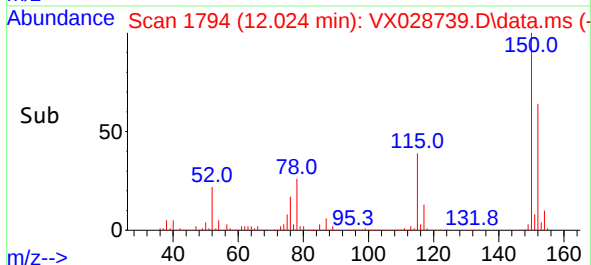
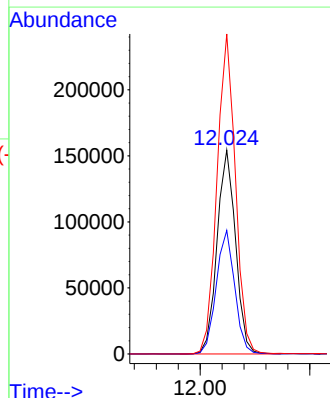
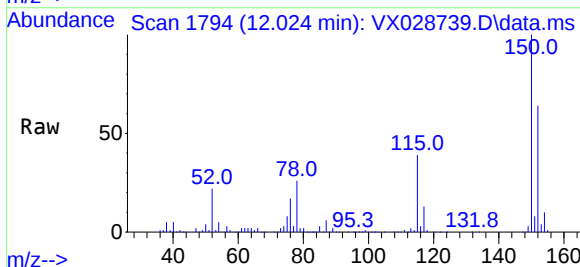
Instrument :
MSVOA_X
ClientSampleId :
STONE-PILE

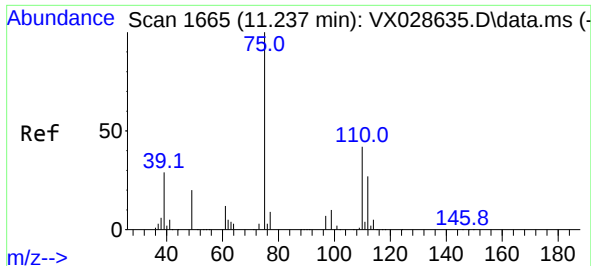
Tgt Ion:117 Resp: 412281
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 31.4 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Tgt Ion:152 Resp: 180951
Ion Ratio Lower Upper
152 100
115 60.7 37.5 112.7
150 156.8 0.0 338.2

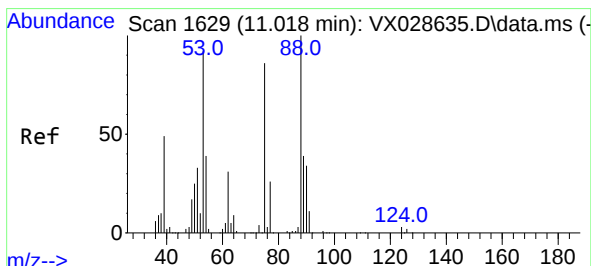
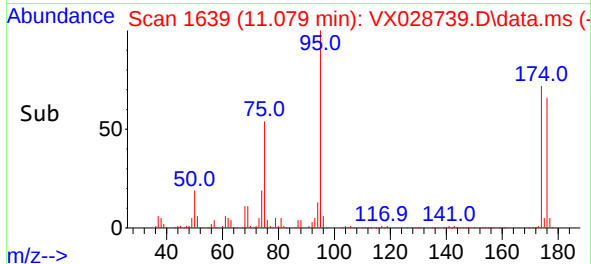
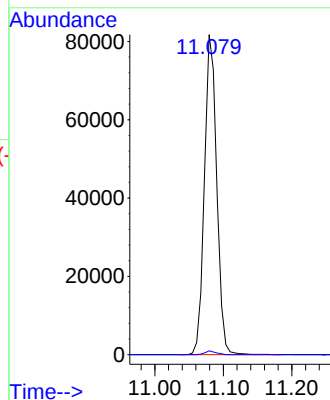
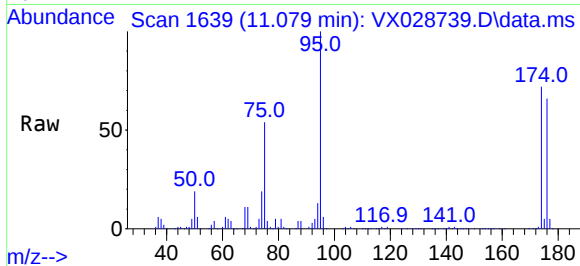




#76
1,2,3-Trichloropropane
Concen: 24.137 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Instrument :
MSVOA_X
ClientSampleId :
STONE-PILE

Tgt Ion: 75 Resp: 102284
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.302 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX028739.D
Acq: 16 May 2022 18:15

Tgt Ion: 75 Resp: 102284
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

