

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051223\
 Data File : VX035628.D
 Acq On : 12 May 2023 10:57
 Operator : JC/MD
 Sample : VX0512WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL01

Quant Time: May 15 01:52:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

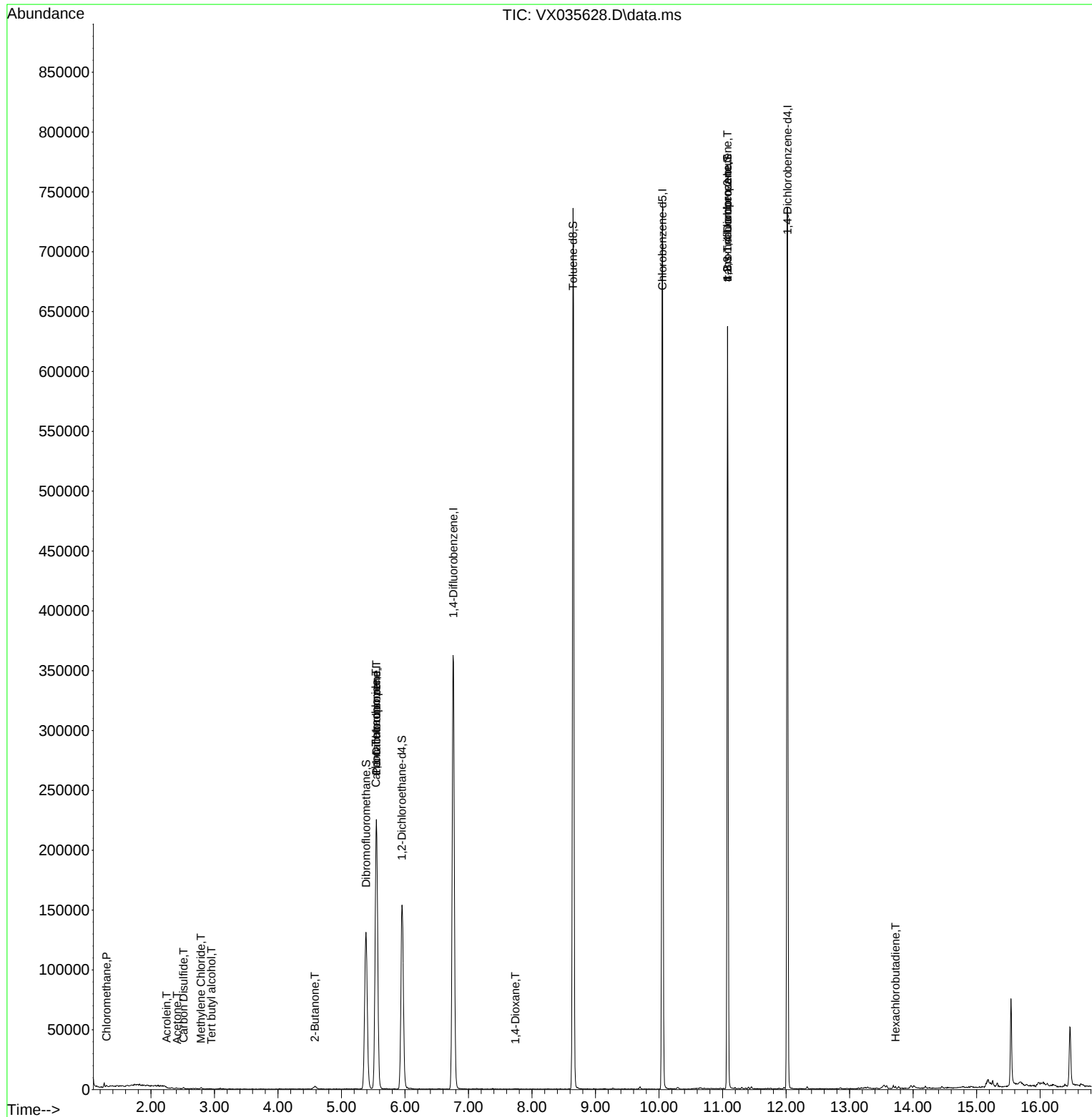
Internal Standards						
1) Pentafluorobenzene	5.550	168	192762	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	346597	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	315901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136813	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	157291	46.774	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.540%
35) Dibromofluoromethane	5.385	113	115194	49.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.560%
50) Toluene-d8	8.647	98	419384	48.567	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.140%
62) 4-Bromofluorobenzene	11.079	95	170011	48.898	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	653	0.214	ug/l	# 79
11) Tert butyl alcohol	2.953	59	124	0.209	ug/l	# 73
13) Acrolein	2.245	56	360	0.511	ug/l	# 38
16) Acetone	2.410	43	977	0.676	ug/l	# 85
17) Carbon Disulfide	2.514	76	1293	0.250	ug/l	# 90
20) Methylene Chloride	2.788	84	623	0.238	ug/l	# 85
25) 2-Butanone	4.580	43	521	0.260	ug/l	# 51
36) 1,1-Dichloropropene	5.550	75	18758	5.084	ug/l	# 50
38) Carbon Tetrachloride	5.544	117	22168	6.343	ug/l	# 15
49) 1,4-Dioxane	7.738	88	207	4.817	ug/l	# 61
76) 1,2,3-Trichloropropane	11.079	75	92620	27.677	ug/l	# 34
81) trans-1,4-Dichloro-2-b...	11.079	75	92620	89.198	ug/l	# 8
94) Hexachlorobutadiene	13.725	225	269	0.231	ug/l	79

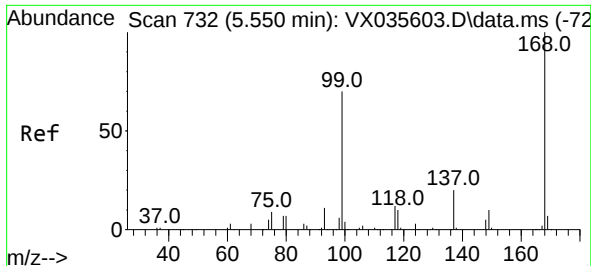
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 15 01:52:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

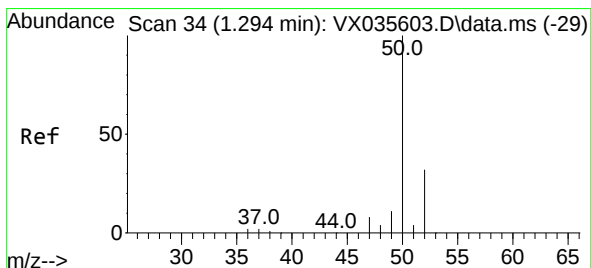
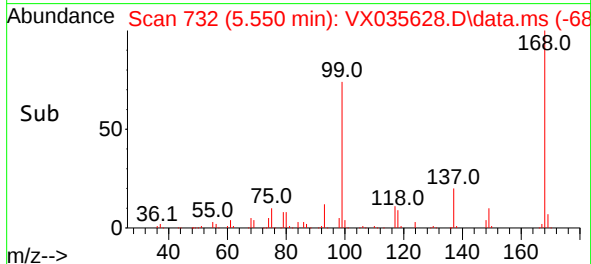
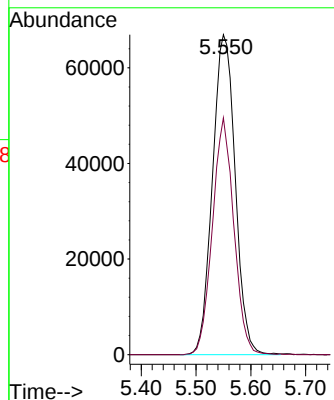
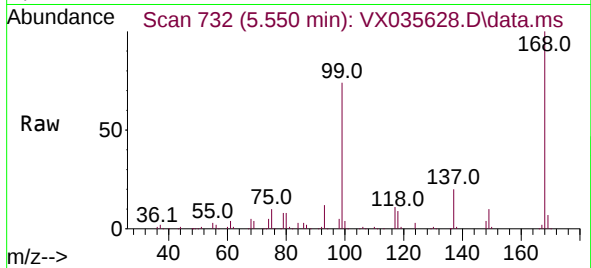




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

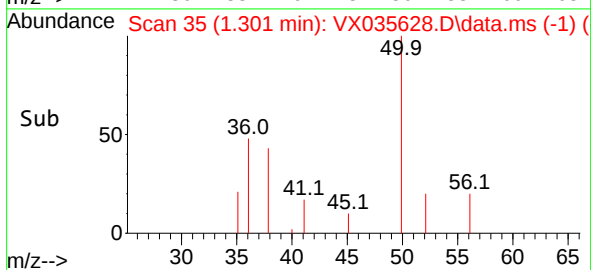
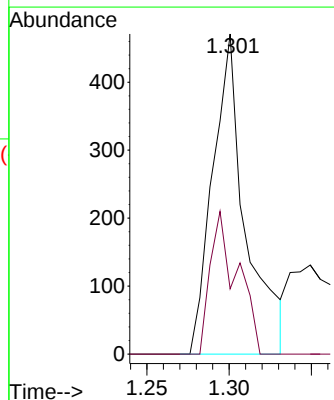
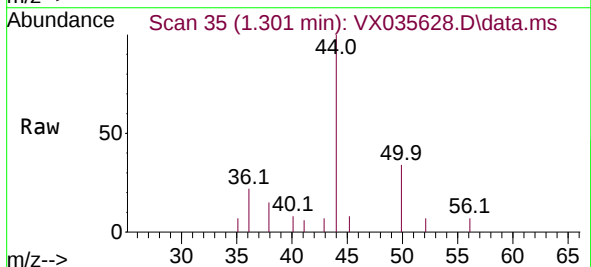
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

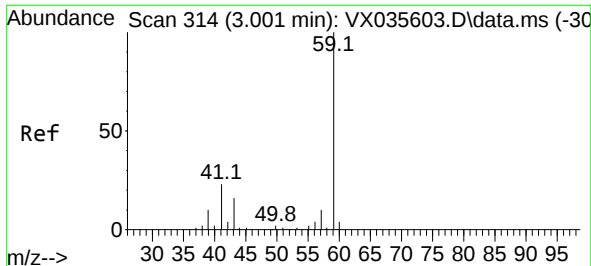
Tgt Ion:168 Resp: 192762
Ion Ratio Lower Upper
168 100
99 74.0 45.7 68.5#



#3
Chloromethane
Concen: 0.214 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

Tgt Ion: 50 Resp: 653
Ion Ratio Lower Upper
50 100
52 20.4 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.209 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX035628.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

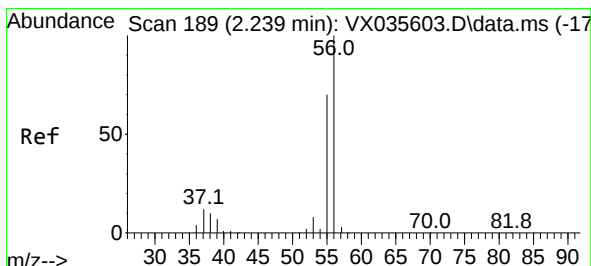
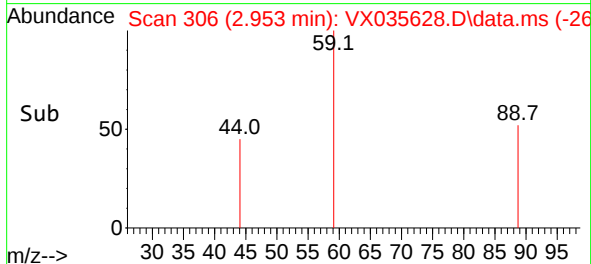
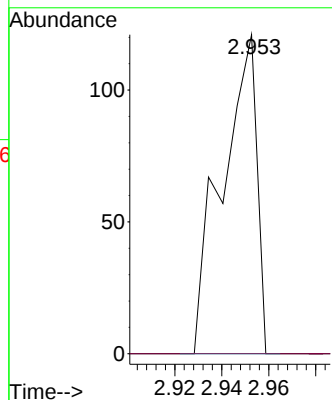
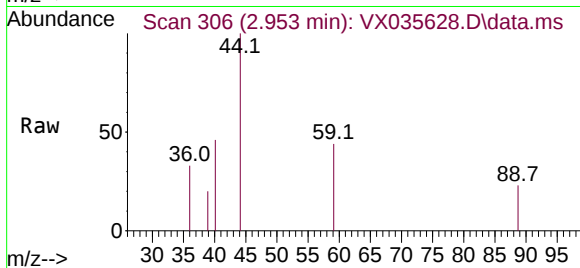
VX0512WBL01

Tgt Ion: 59 Resp: 124

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#13

Acrolein

Concen: 0.511 ug/l

RT: 2.245 min Scan# 190

Delta R.T. 0.006 min

Lab File: VX035628.D

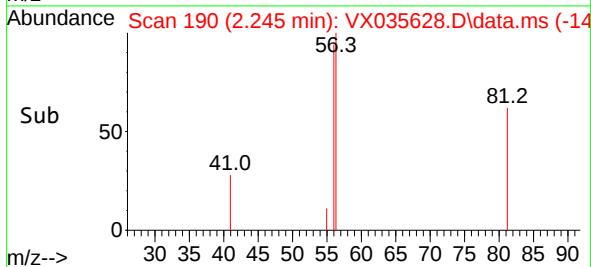
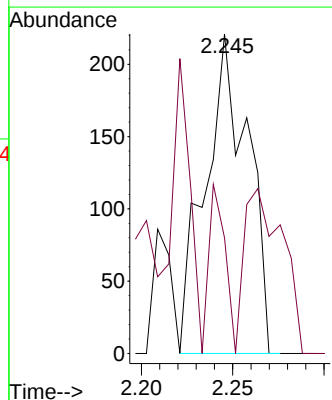
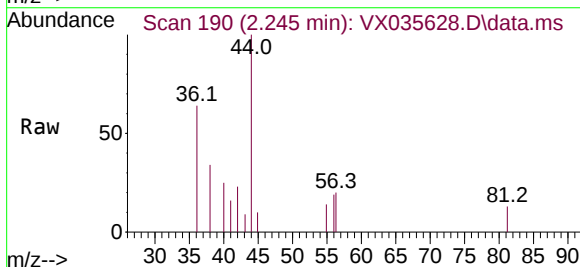
Acq: 12 May 2023 10:57

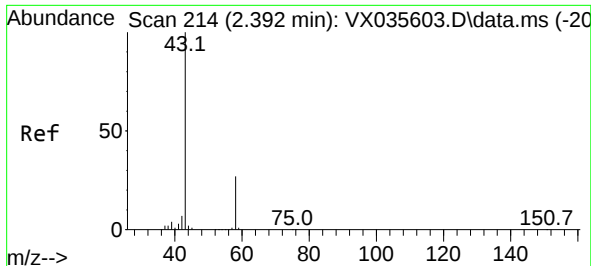
Tgt Ion: 56 Resp: 360

Ion Ratio Lower Upper

56 100

55 20.0 56.6 85.0#

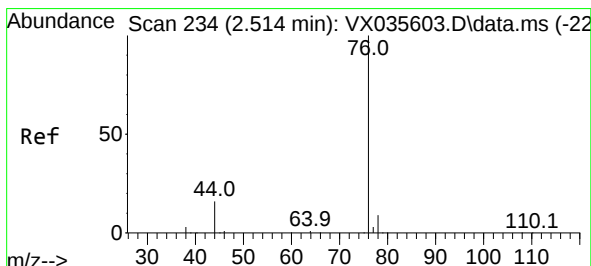
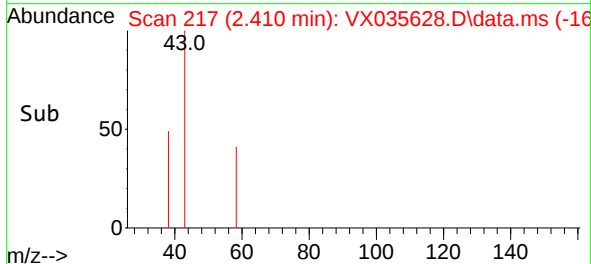
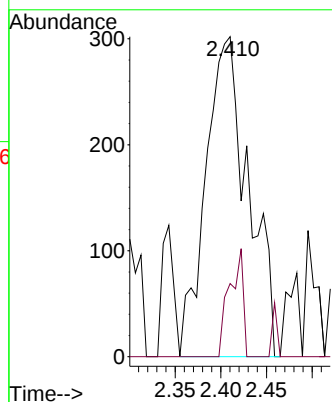
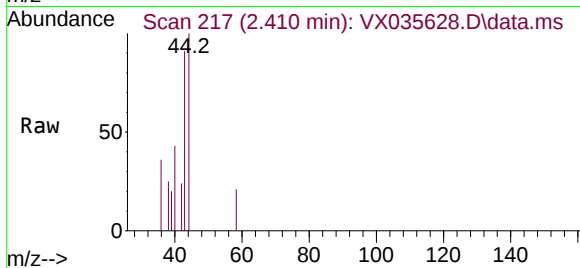




#16
Acetone
Concen: 0.676 ug/l
RT: 2.410 min Scan# 214
Delta R.T. 0.018 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

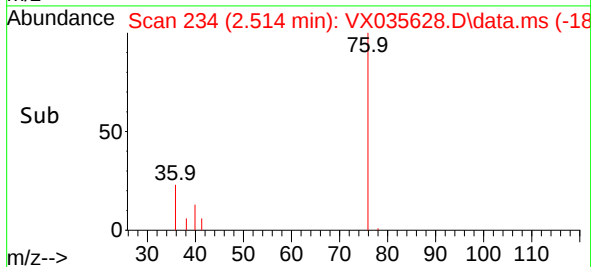
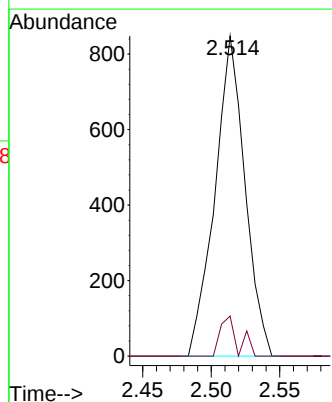
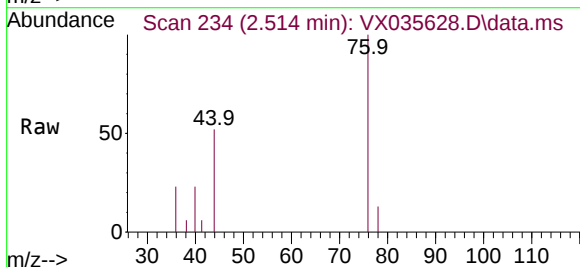
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

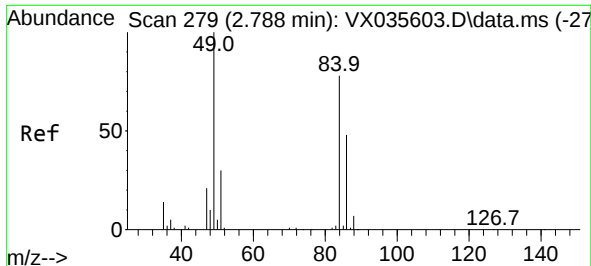
Tgt Ion: 43 Resp: 977
Ion Ratio Lower Upper
43 100
58 22.8 24.7 37.1#



#17
Carbon Disulfide
Concen: 0.250 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

Tgt Ion: 76 Resp: 1293
Ion Ratio Lower Upper
76 100
78 12.5 7.2 10.8#

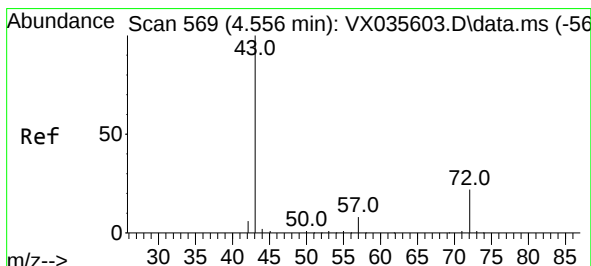
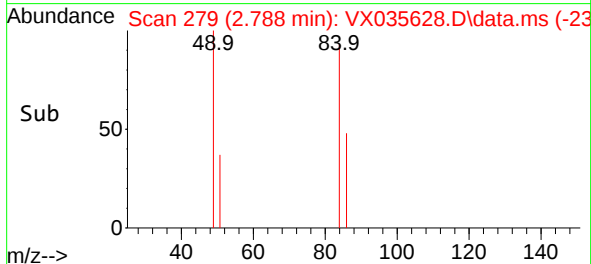
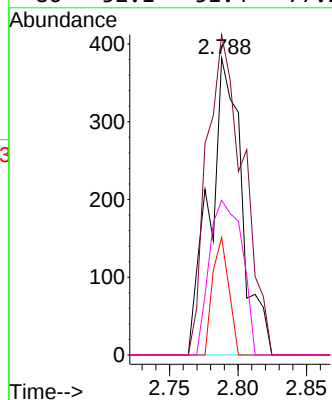
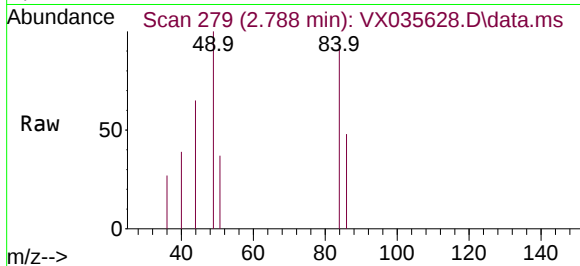




#20
Methylene Chloride
Concen: 0.238 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

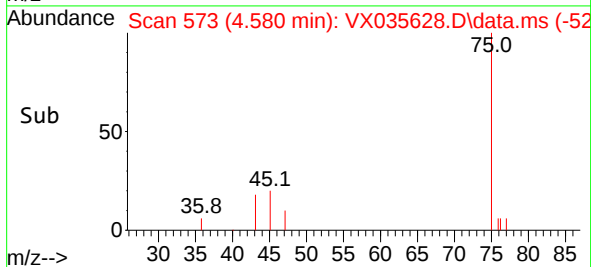
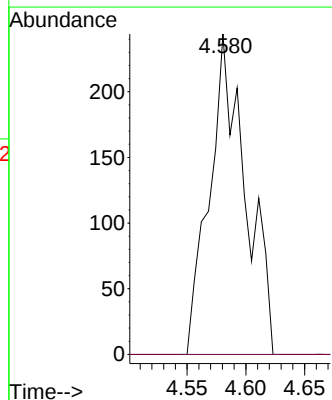
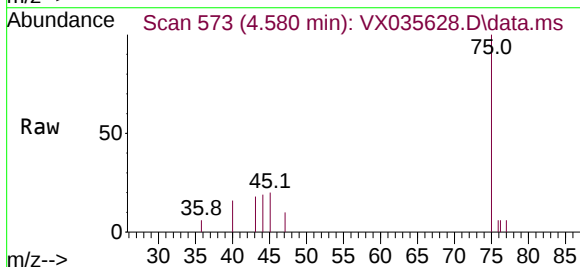
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

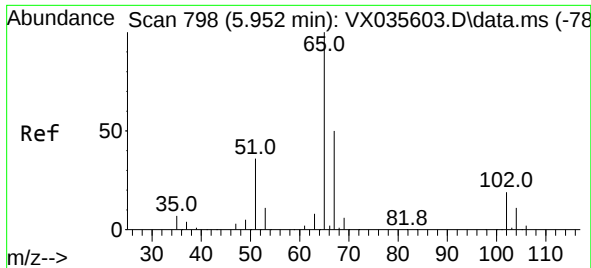
Tgt Ion: 84	Resp: 623
Ion Ratio	Lower Upper
84 100	
49 107.9	103.8 155.8
51 39.5	31.8 47.8
86 52.1	51.4 77.2



#25
2-Butanone
Concen: 0.260 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.024 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

Tgt Ion: 43	Resp: 521		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	19.3	28.9#	





#33

1,2-Dichloroethane-d4

Concen: 46.774 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035628.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

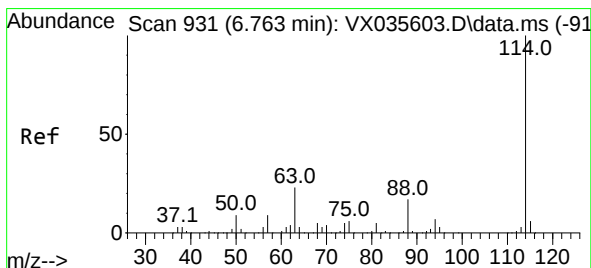
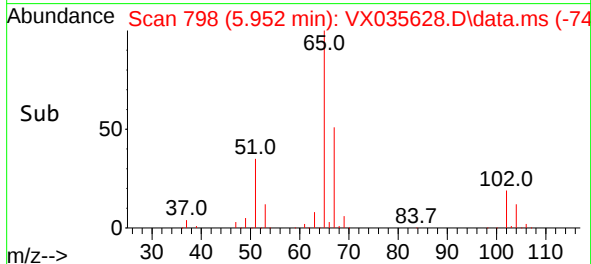
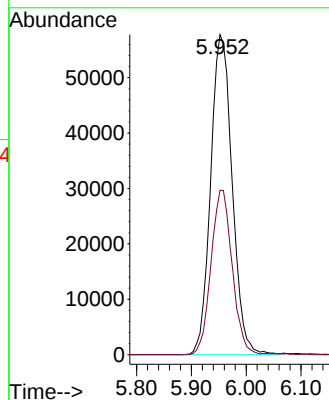
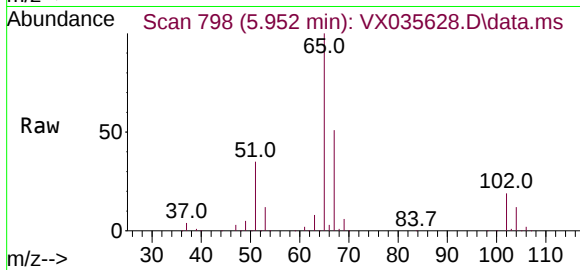
VX0512WBL01

Tgt Ion: 65 Resp: 157291

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035628.D

Acq: 12 May 2023 10:57

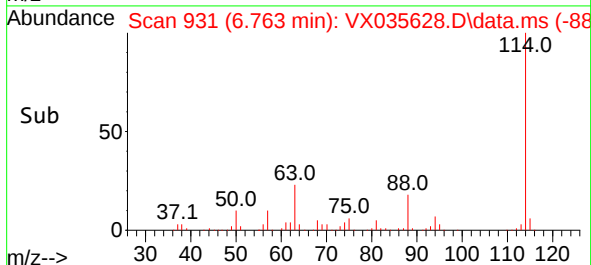
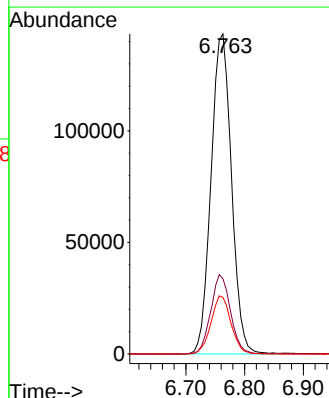
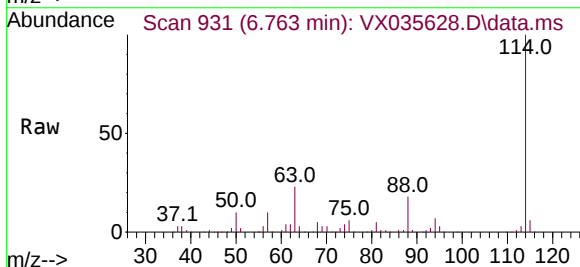
Tgt Ion: 114 Resp: 346597

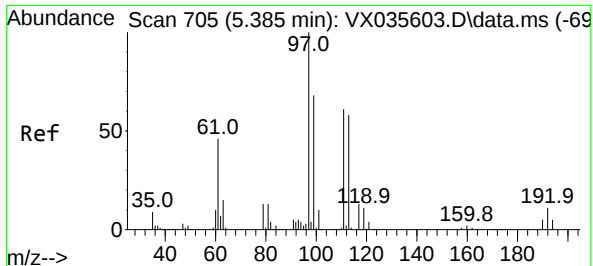
Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.2

88 17.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.282 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035628.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBL01

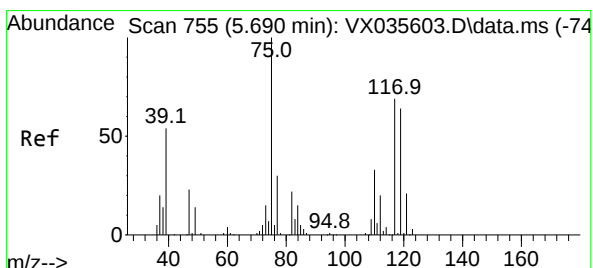
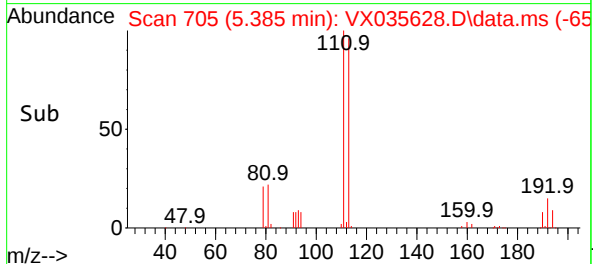
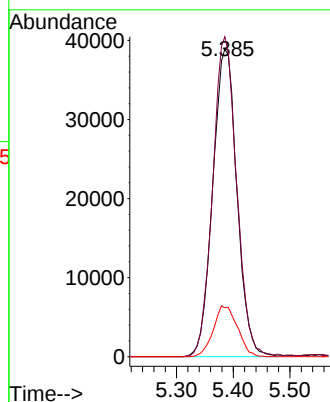
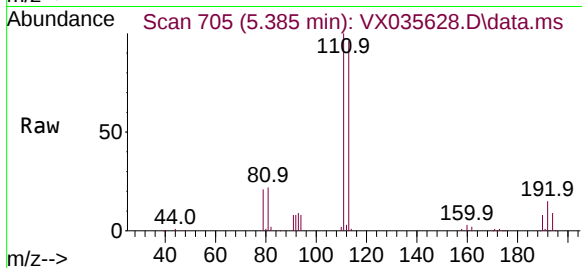
Tgt Ion:113 Resp: 115194

Ion Ratio Lower Upper

113 100

111 102.8 83.7 125.5

192 16.5 15.4 23.2



#36

1,1-Dichloropropene

Concen: 5.084 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX035628.D

Acq: 12 May 2023 10:57

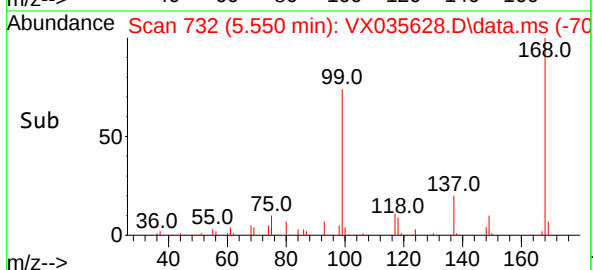
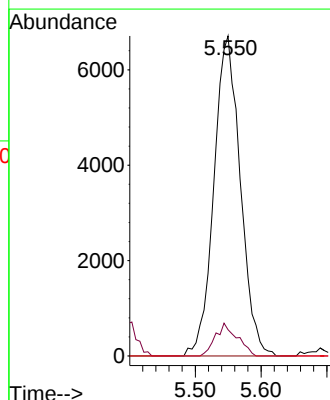
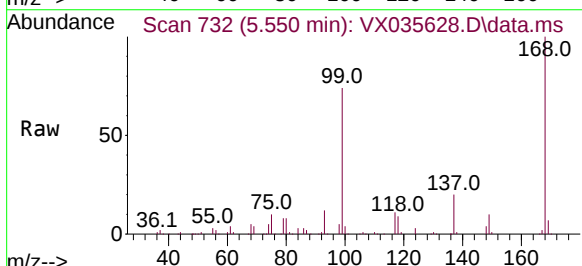
Tgt Ion: 75 Resp: 18758

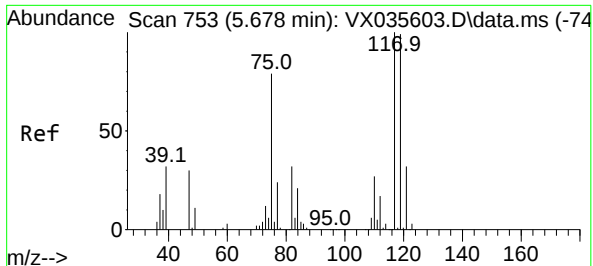
Ion Ratio Lower Upper

75 100

110 8.5 17.5 52.5#

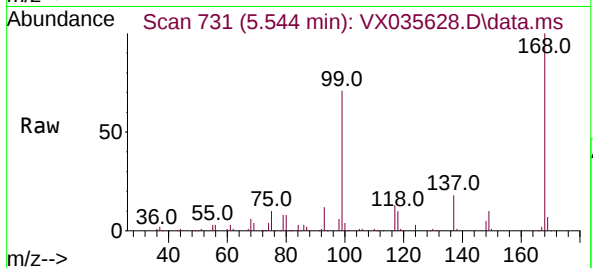
77 0.0 24.3 36.5#



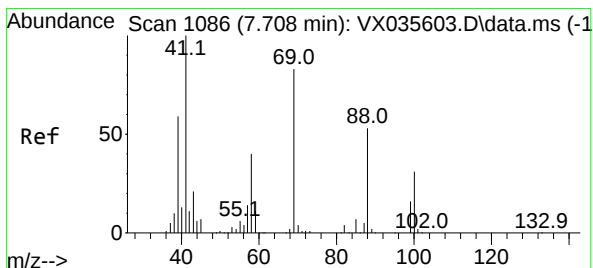
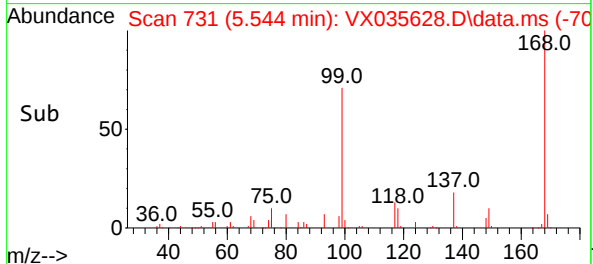
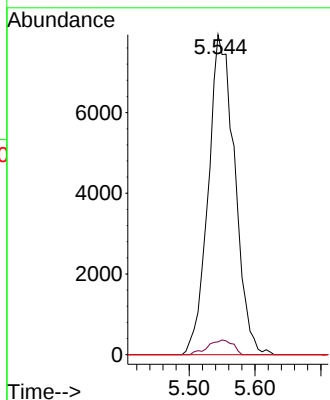


#38
Carbon Tetrachloride
Concen: 6.343 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

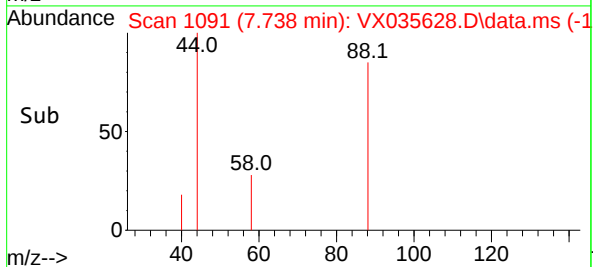
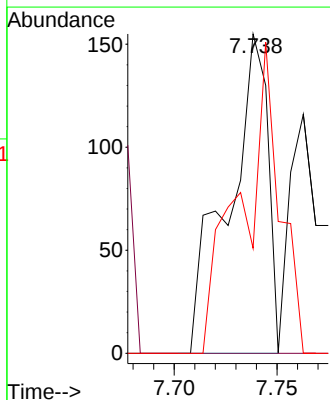
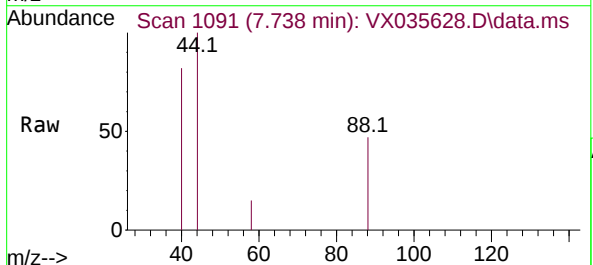


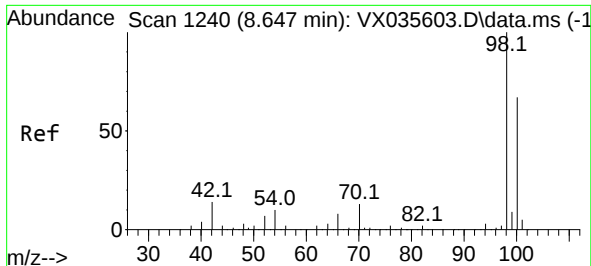
Tgt Ion:117 Resp: 22168
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#



#49
1,4-Dioxane
Concen: 4.817 ug/l
RT: 7.738 min Scan# 1091
Delta R.T. 0.030 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

Tgt Ion: 88 Resp: 207
Ion Ratio Lower Upper
88 100
43 0.0 27.7 41.5#
58 95.2 56.8 85.2#

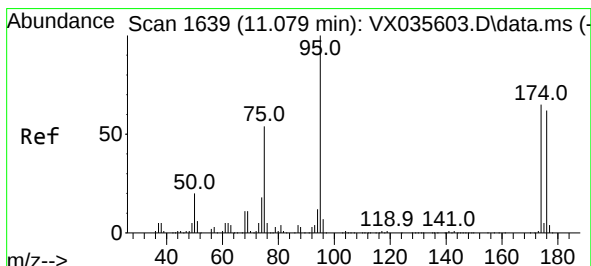
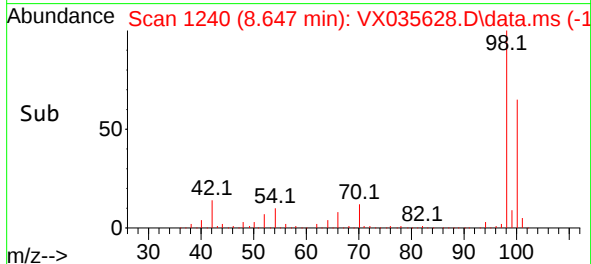
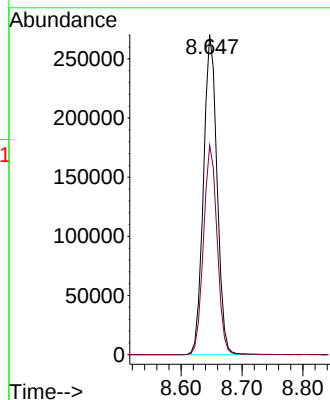
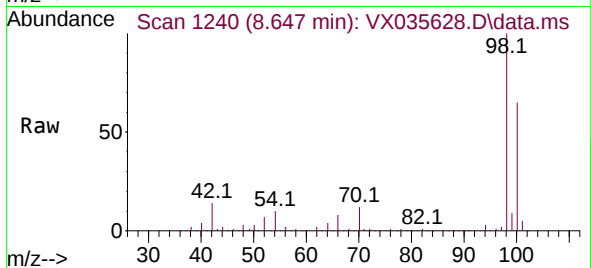




#50
Toluene-d8
Concen: 48.567 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

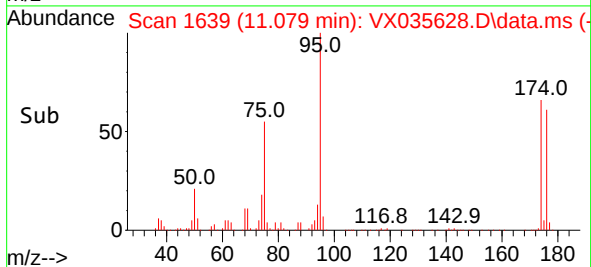
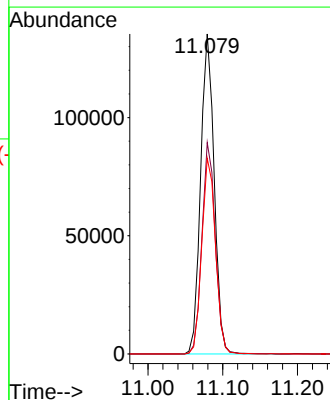
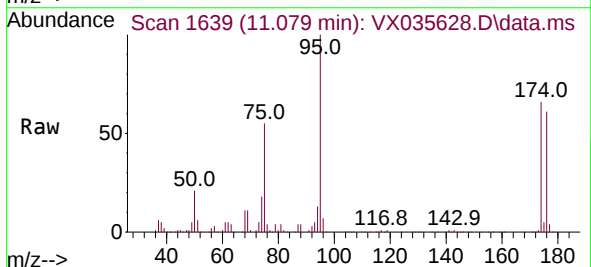
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

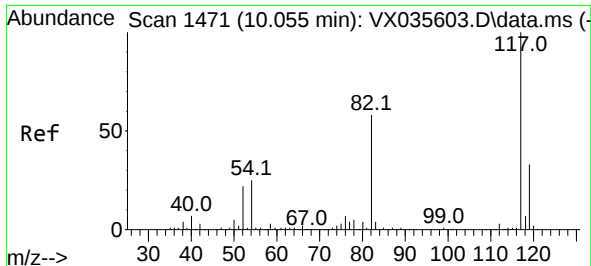
Tgt Ion: 98 Resp: 419384
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.898 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

Tgt Ion: 95 Resp: 170011
Ion Ratio Lower Upper
95 100
174 65.3 0.0 147.4
176 62.2 0.0 140.6

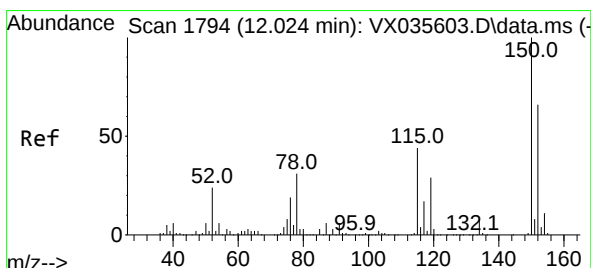
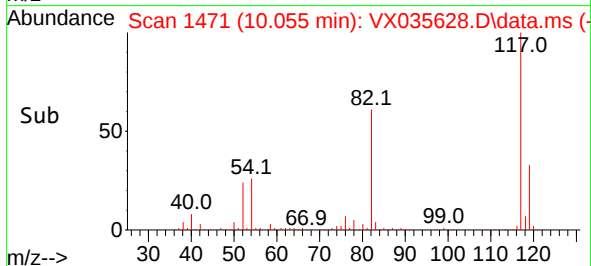
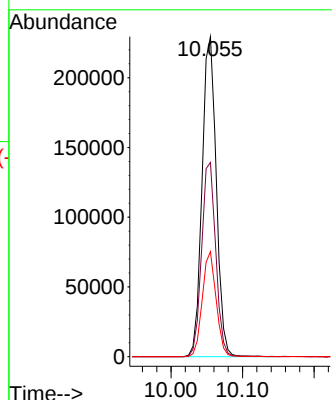
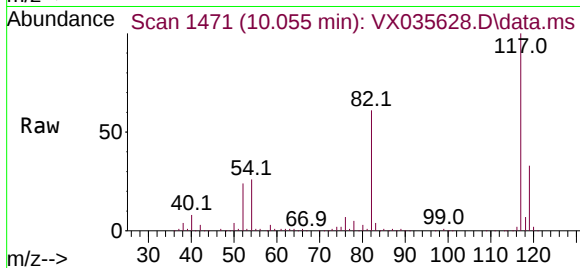




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

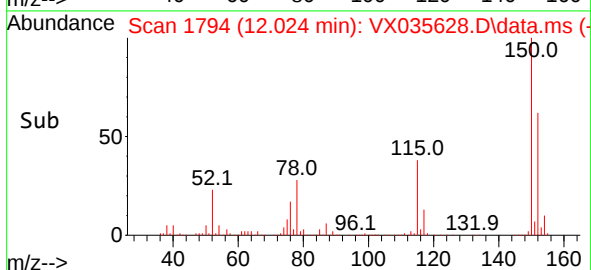
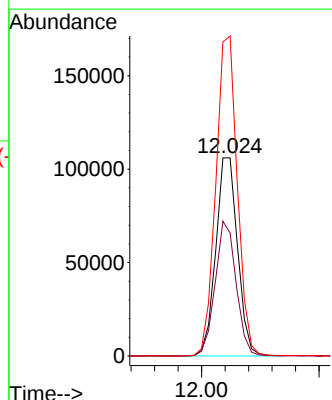
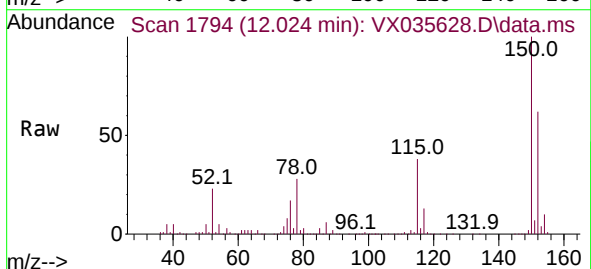
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

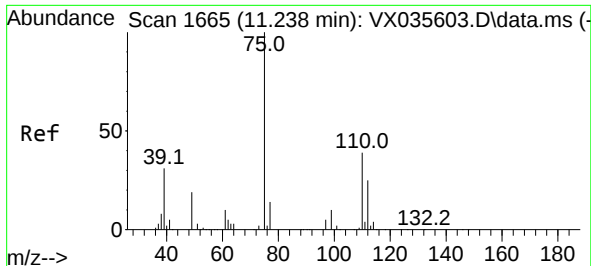
Tgt Ion:117 Resp: 315901
Ion Ratio Lower Upper
117 100
82 60.7 45.0 67.4
119 32.9 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

Tgt Ion:152 Resp: 136813
Ion Ratio Lower Upper
152 100
115 65.3 45.0 135.0
150 159.1 0.0 352.4

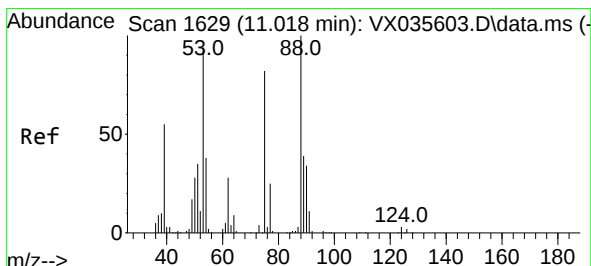
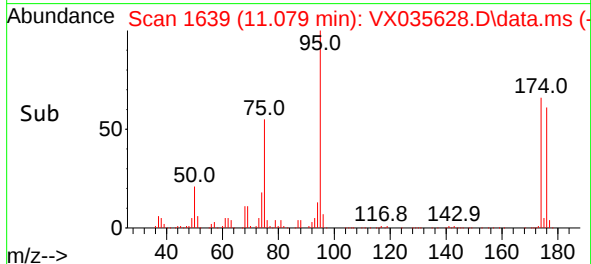
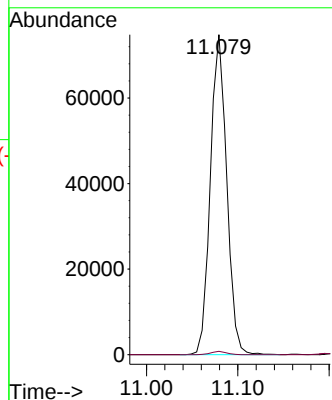
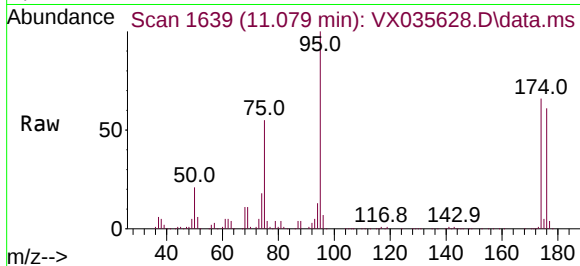




#76
1,2,3-Trichloropropane
Concen: 27.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

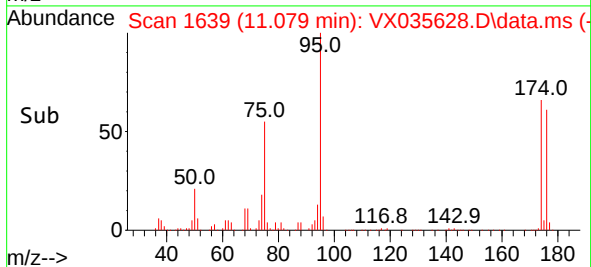
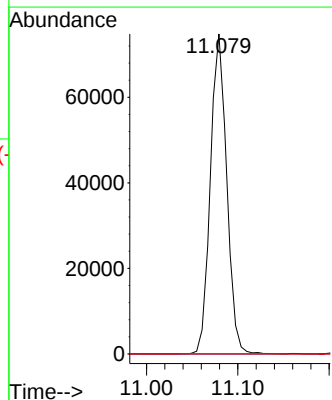
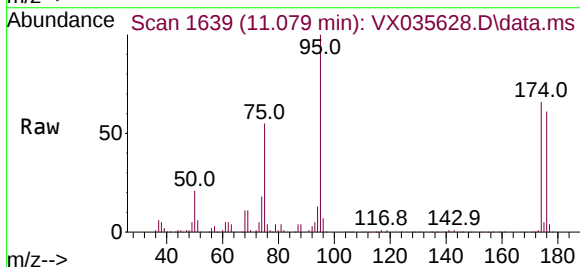
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBL01

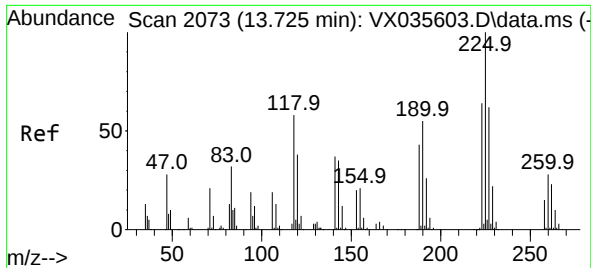
Tgt Ion: 75 Resp: 92620
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.198 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035628.D
Acq: 12 May 2023 10:57

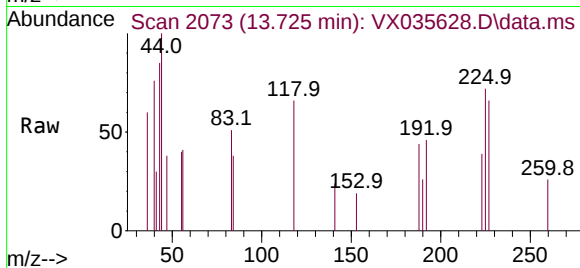
Tgt Ion: 75 Resp: 92620
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.231 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX035628.D
 Acq: 12 May 2023 10:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBL01



Tgt Ion:	225	Resp:	269
Ion	Ratio	Lower	Upper
225	100		
223	53.9	32.1	96.5
227	85.5	31.8	95.4

