

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036743.D
 Acq On : 01 Aug 2023 13:01
 Operator : JC/MD
 Sample : 03808-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1712DL

Quant Time: Aug 02 06:24:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

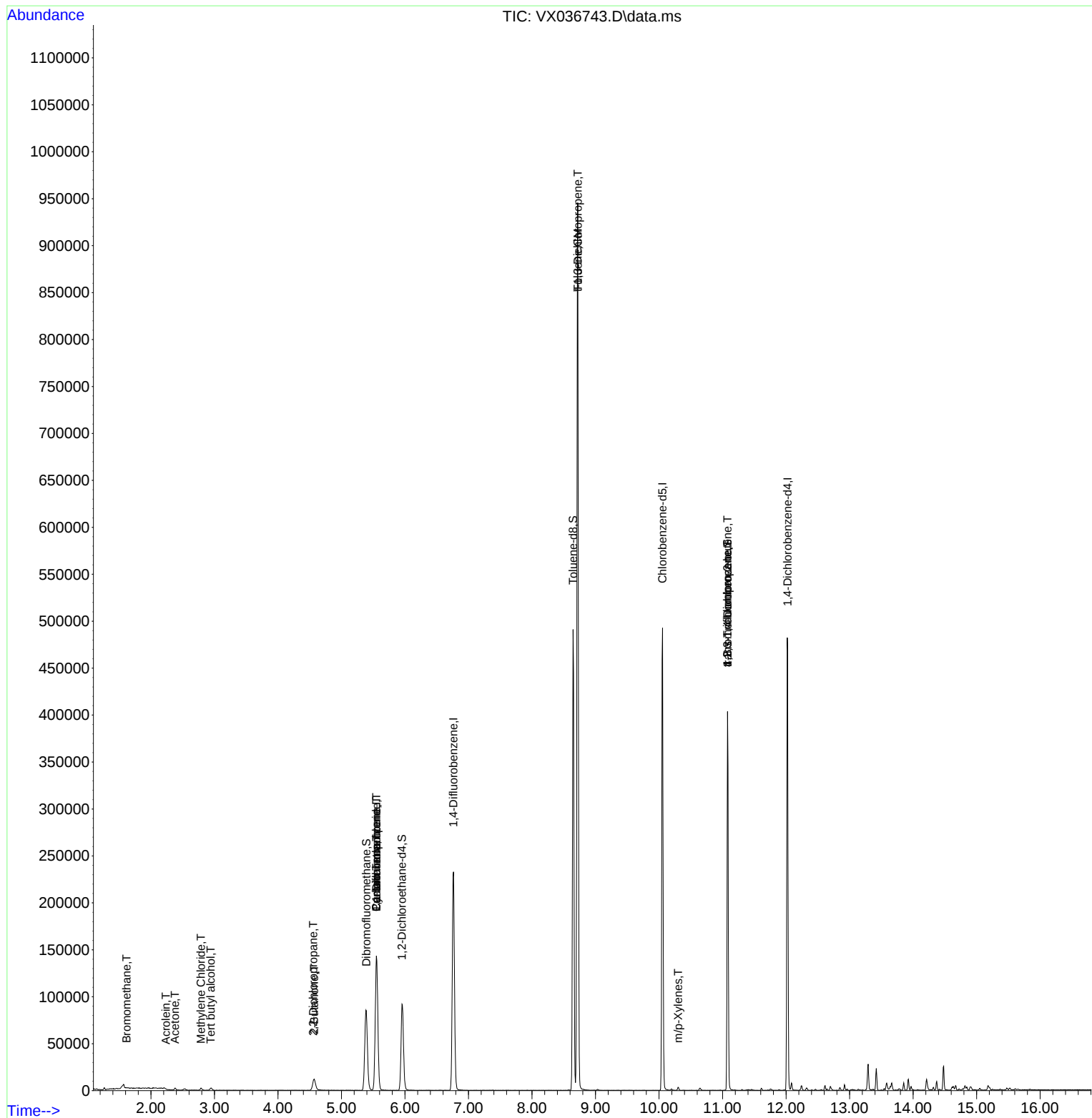
Internal Standards						
1) Pentafluorobenzene	5.550	168	132164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241575	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	90105	46.076	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.160%
35) Dibromofluoromethane	5.391	113	77119	46.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.880%
50) Toluene-d8	8.647	98	288687	49.027	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.079	95	108575	48.873	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	289	0.299	ug/l	95
11) Tert butyl alcohol	2.941	59	1587	3.428	ug/l #	78
13) Acrolein	2.233	56	176	0.666	ug/l #	37
16) Acetone	2.380	43	2374	2.926	ug/l	92
20) Methylene Chloride	2.788	84	1180	0.654	ug/l	94
25) 2-Butanone	4.568	43	1849	1.404	ug/l	98
26) 2,2-Dichloropropane	4.556	77	1016	0.348	ug/l #	54
31) Cyclohexane	5.550	56	2981	1.101	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11115	4.491	ug/l #	51
38) Carbon Tetrachloride	5.550	117	13859	5.267	ug/l #	16
52) Toluene	8.720	92	359777	79.741	ug/l	98
53) t-1,3-Dichloropropene	8.720	75	4341	1.391	ug/l #	1
68) m/p-Xylenes	10.299	106	830	0.246	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	56547	23.873	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	56547	54.109	ug/l #	5

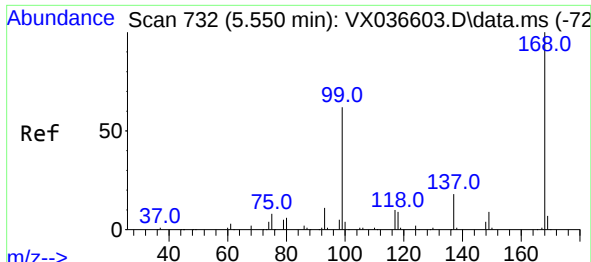
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

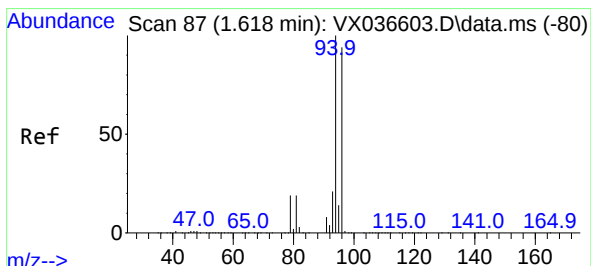
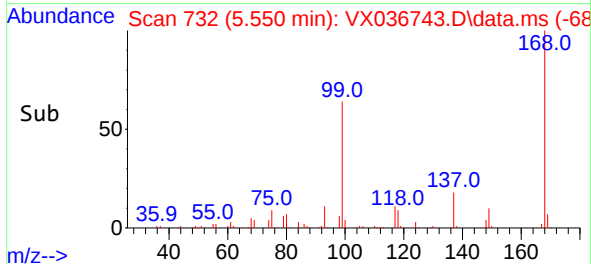
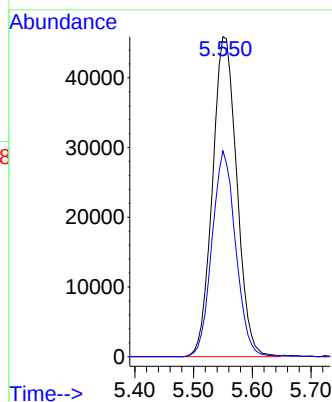
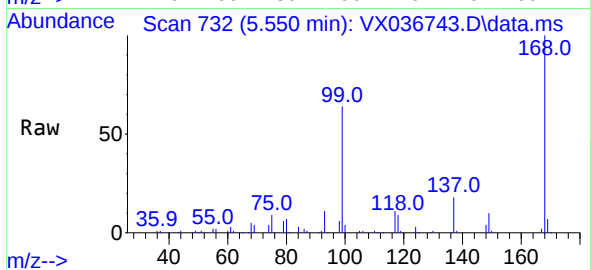




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

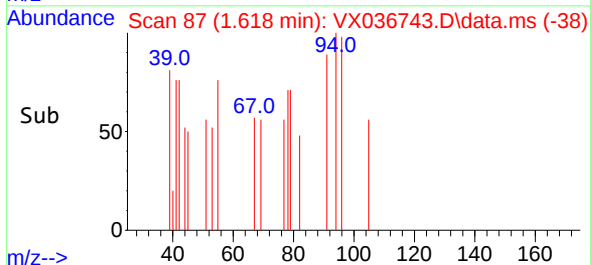
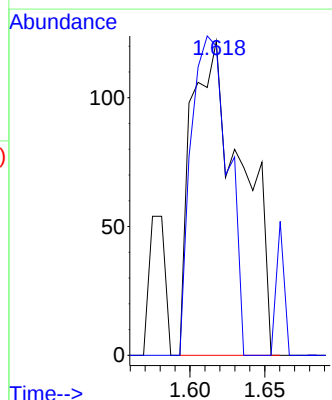
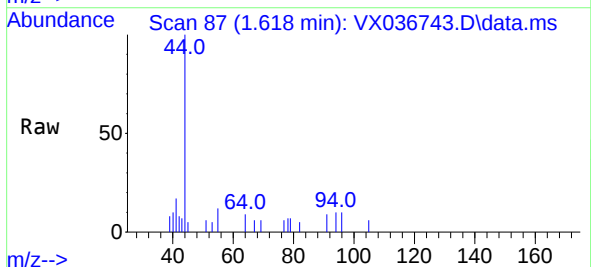
Instrument :
MSVOA_X
ClientSampleId :
1712DL

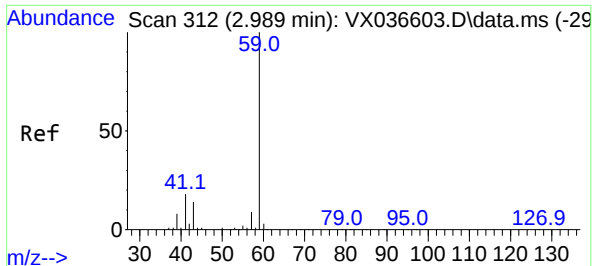
Tgt Ion:168 Resp: 132164
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#5
Bromomethane
Concen: 0.299 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion: 94 Resp: 289
Ion Ratio Lower Upper
94 100
96 98.4 74.6 111.8

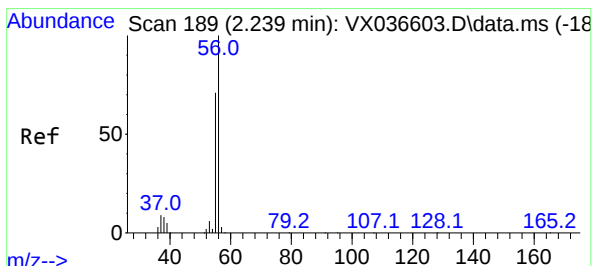
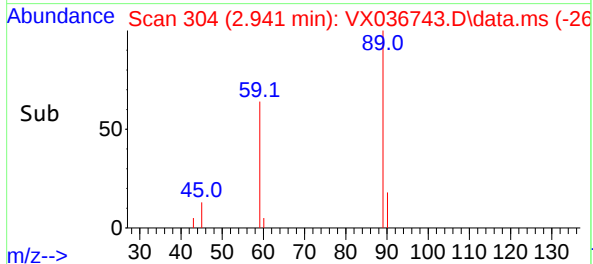
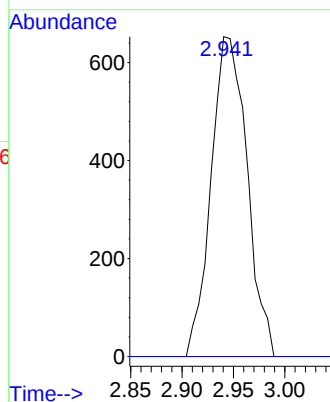
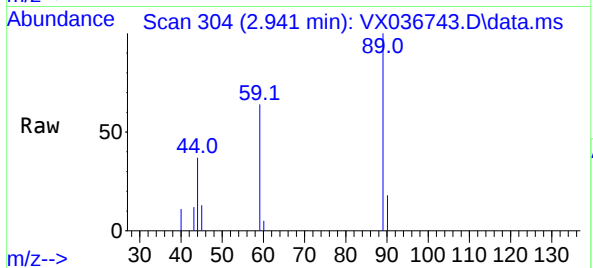




#11
Tert butyl alcohol
Concen: 3.428 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

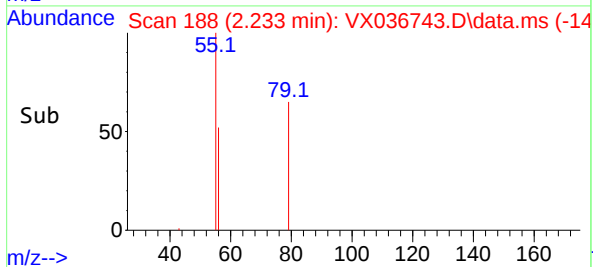
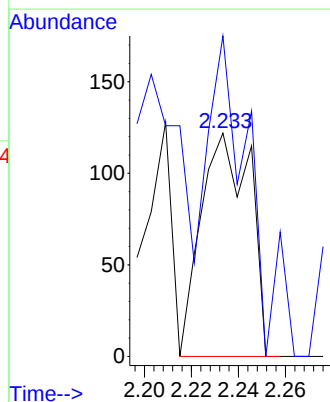
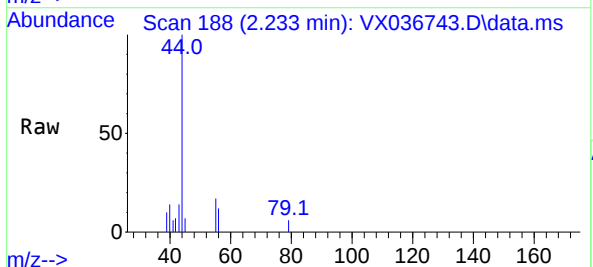
Instrument :
MSVOA_X
ClientSampleId :
1712DL

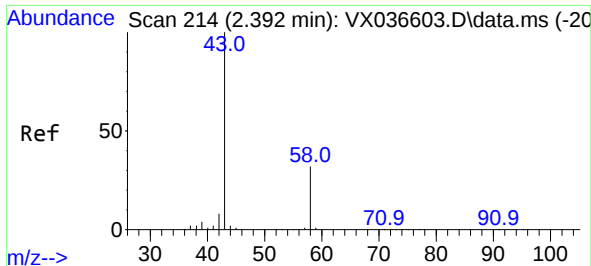
Tgt Ion: 59 Resp: 1587
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.666 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion: 56 Resp: 176
Ion Ratio Lower Upper
56 100
55 123.3 57.1 85.7#

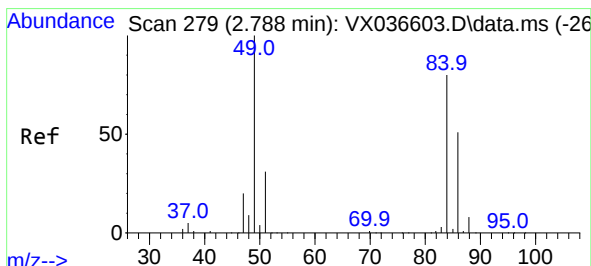
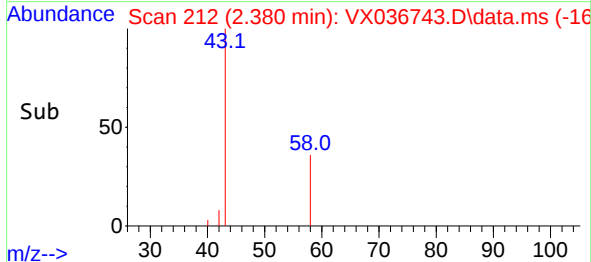
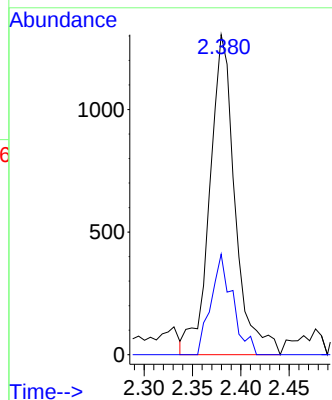
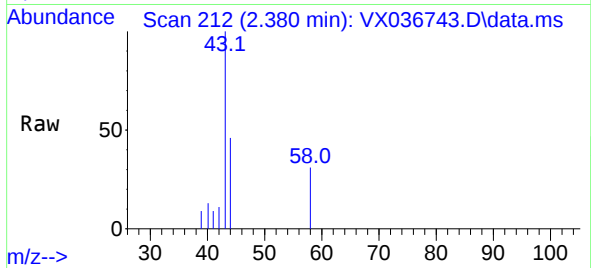




#16
Acetone
Concen: 2.926 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

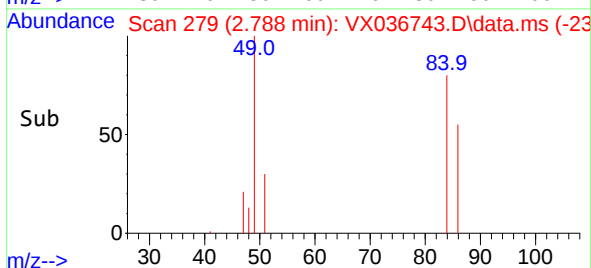
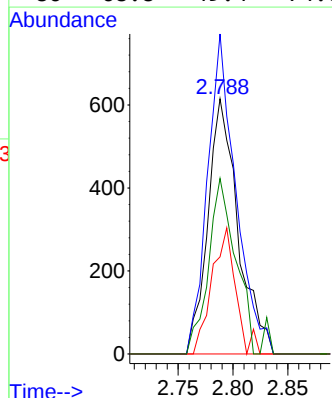
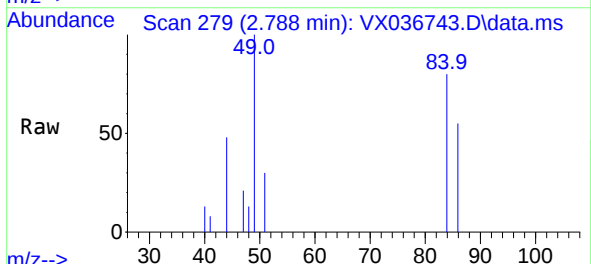
Instrument :
MSVOA_X
ClientSampleId :
1712DL

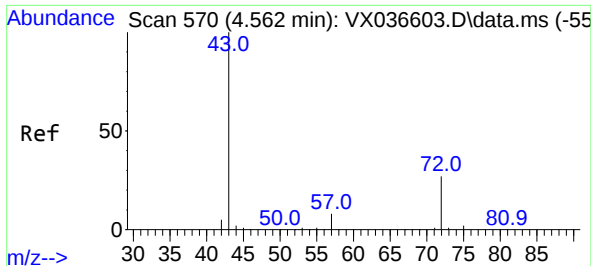
Tgt Ion: 43 Resp: 2374
Ion Ratio Lower Upper
43 100
58 31.4 21.9 32.9



#20
Methylene Chloride
Concen: 0.654 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion: 84 Resp: 1180
Ion Ratio Lower Upper
84 100
49 125.4 103.6 155.4
51 38.0 33.8 50.6
86 68.8 49.4 74.0

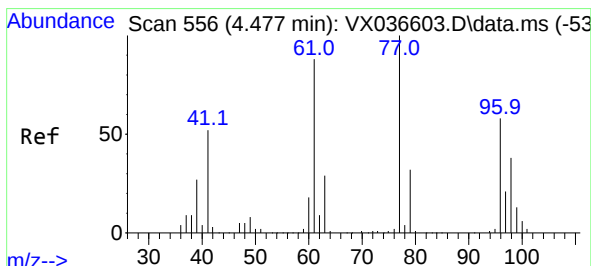
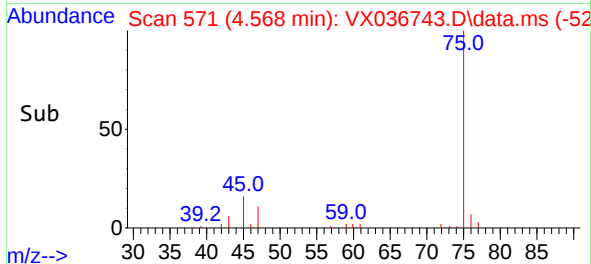
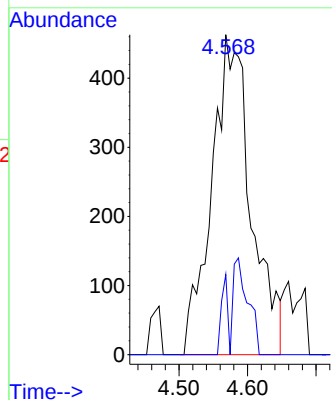
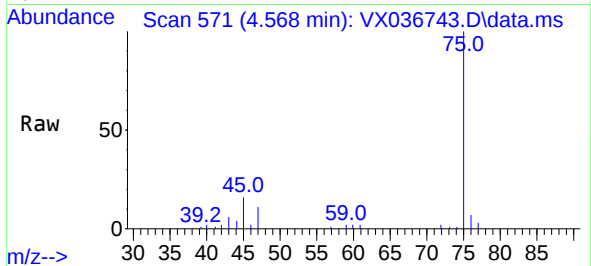




#25
2-Butanone
Concen: 1.404 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

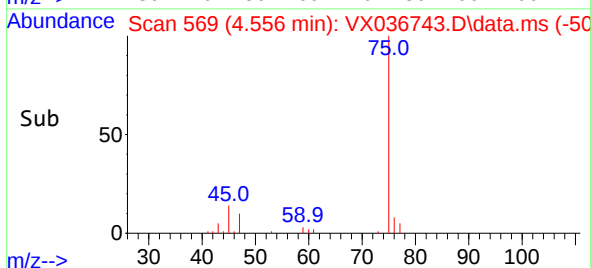
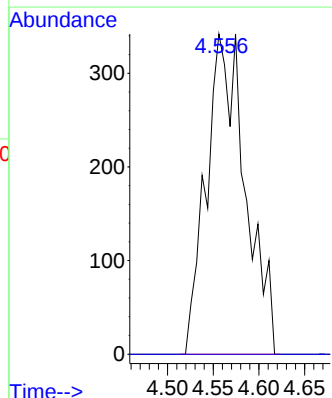
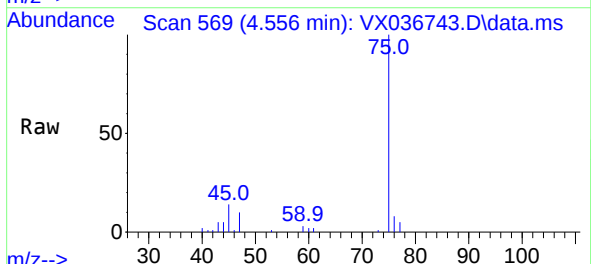
Instrument :
MSVOA_X
ClientSampleId :
1712DL

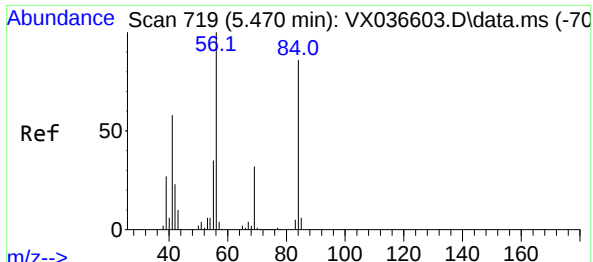
Tgt Ion: 43 Resp: 1849
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.2



#26
2,2-Dichloropropane
Concen: 0.348 ug/l
RT: 4.556 min Scan# 569
Delta R.T. 0.079 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

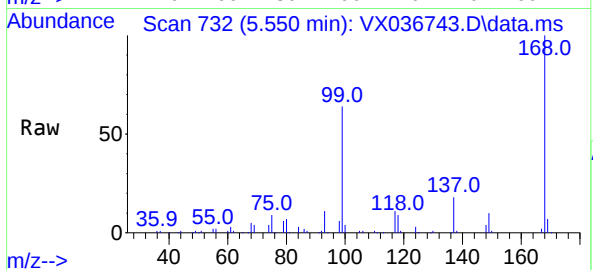
Tgt Ion: 77 Resp: 1016
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



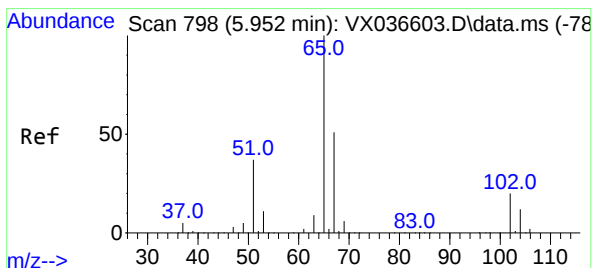
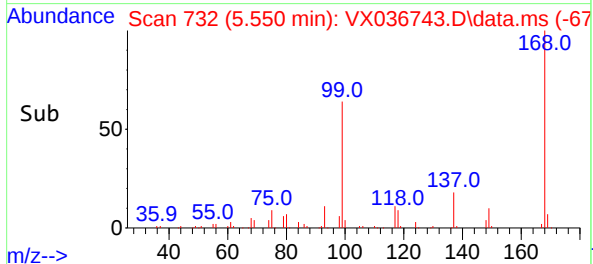
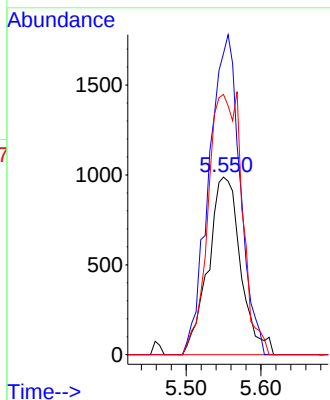


#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
1712DL

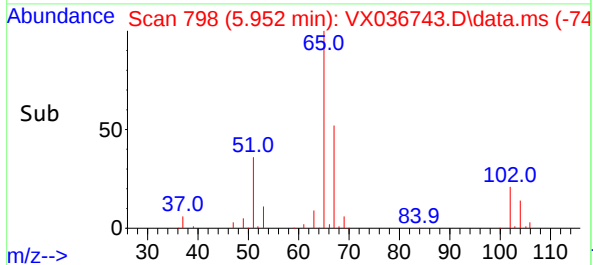
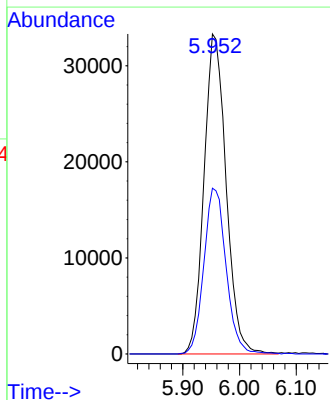
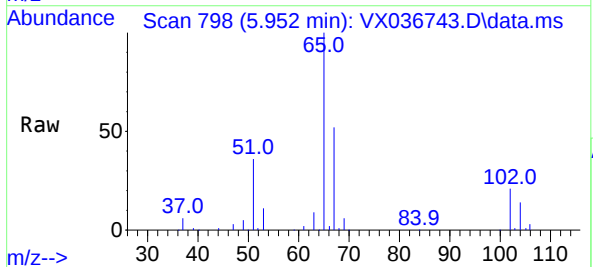


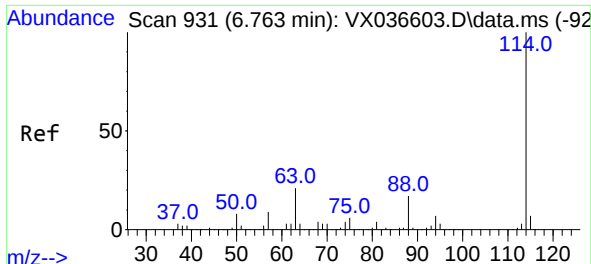
Tgt Ion: 56 Resp: 2981
Ion Ratio Lower Upper
56 100
69 169.5 23.4 35.2#
84 146.6 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.076 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion: 65 Resp: 90105
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

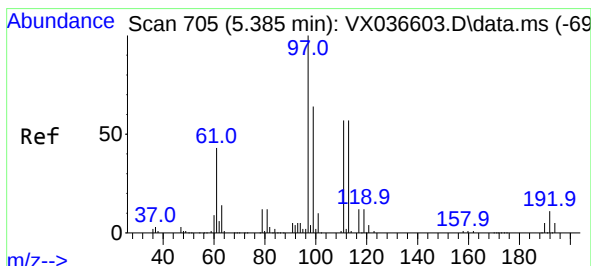
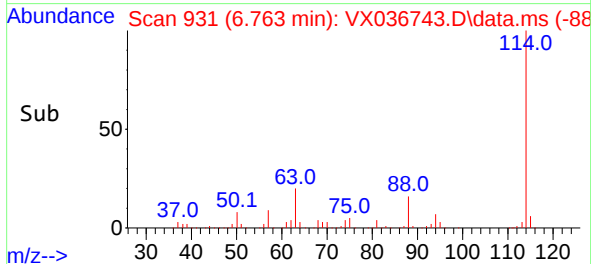
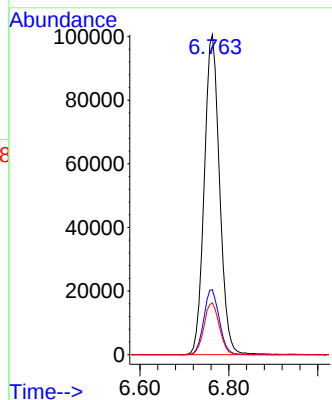
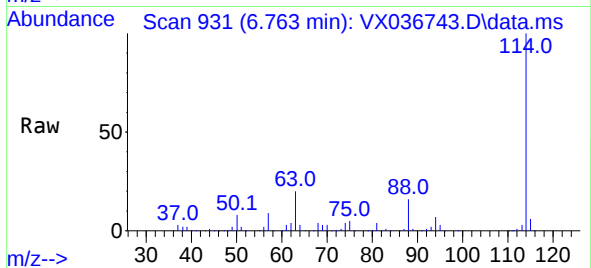




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

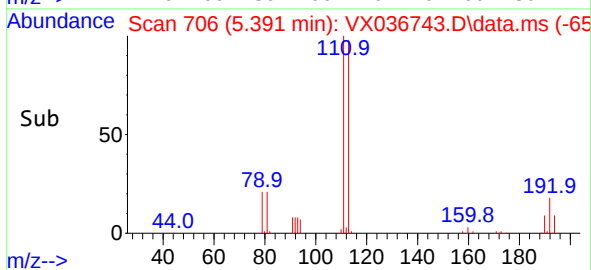
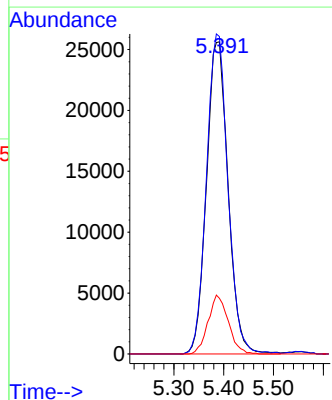
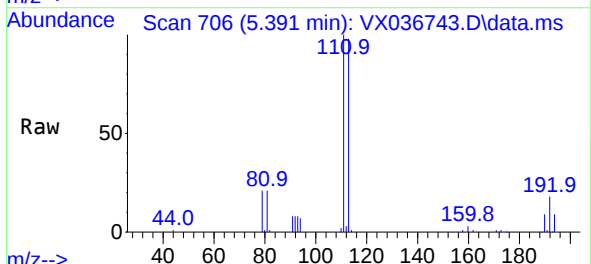
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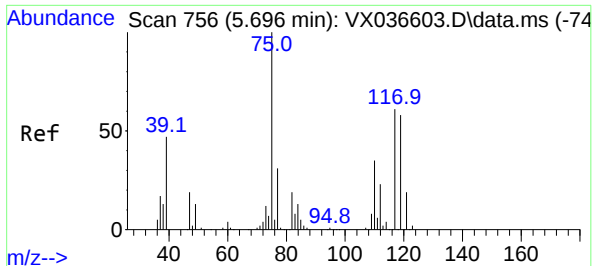
Tgt Ion:114 Resp: 241575
Ion Ratio Lower Upper
114 100
63 20.3 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.445 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion:113 Resp: 77119
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 17.6 13.3 19.9

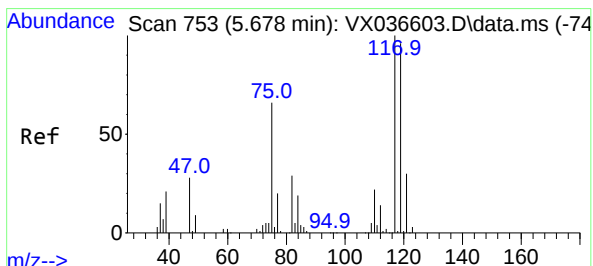
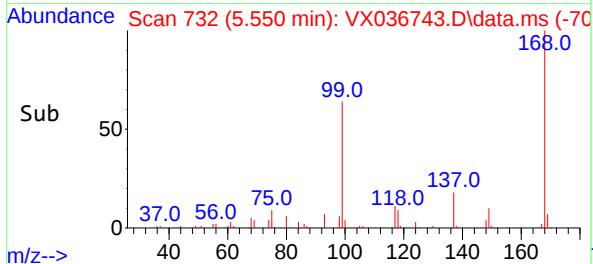
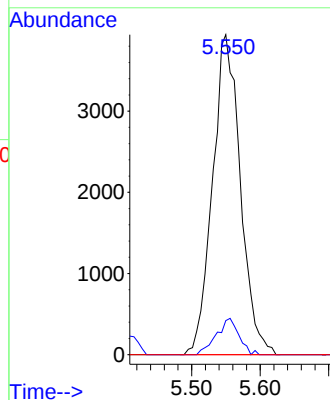
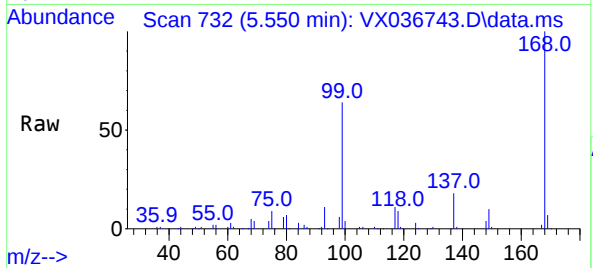




#36
1,1-Dichloropropene
Concen: 4.491 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

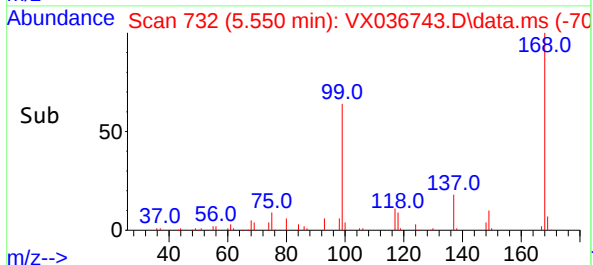
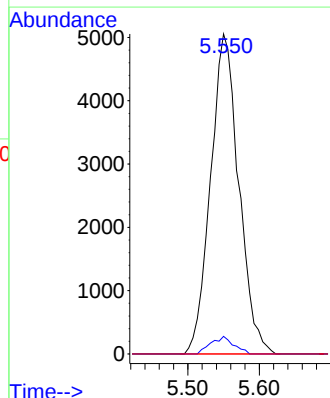
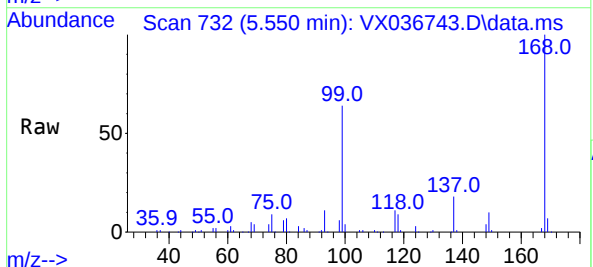
Instrument :
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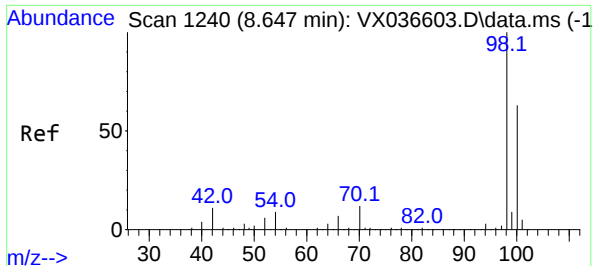
Tgt Ion: 75 Resp: 11115
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.267 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion: 117 Resp: 13859
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

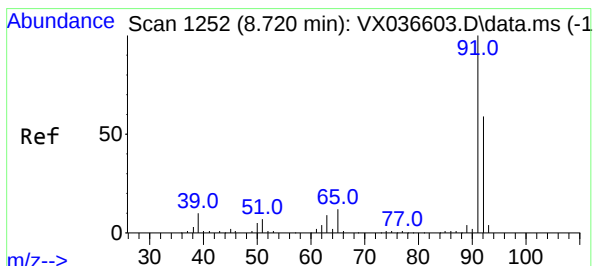
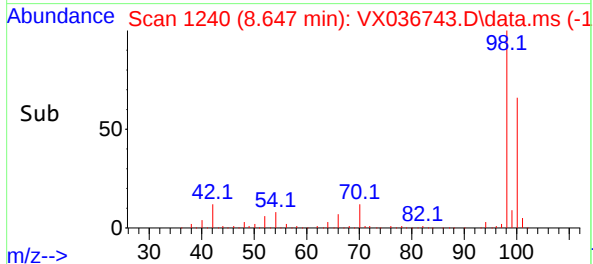
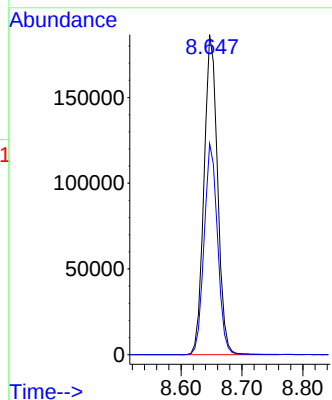
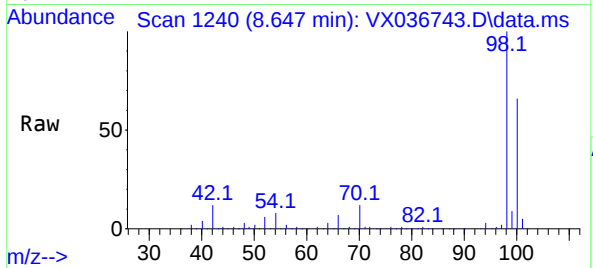




#50
Toluene-d8
Concen: 49.027 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

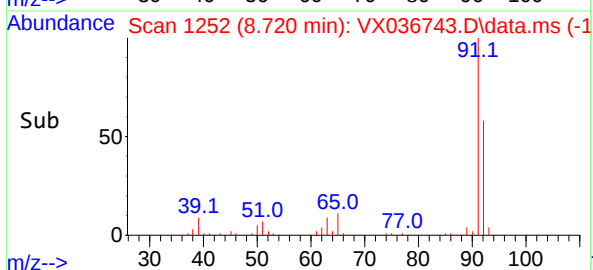
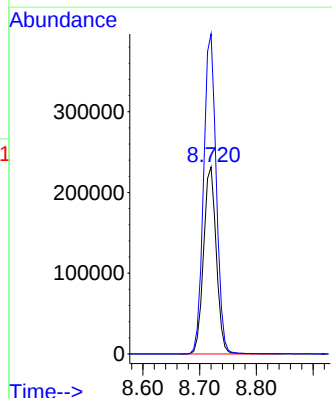
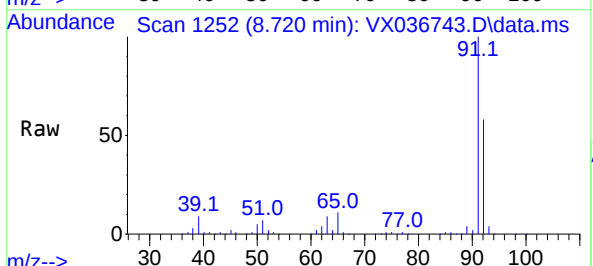
Instrument :
MSVOA_X
ClientSampleId :
1712DL

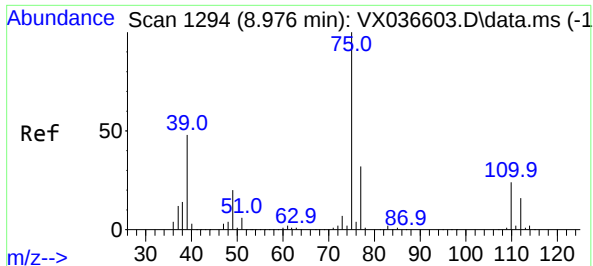
Tgt Ion: 98 Resp: 288687
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#52
Toluene
Concen: 79.741 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion: 92 Resp: 359777
Ion Ratio Lower Upper
92 100
91 170.9 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 1.391 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.256 min

Lab File: VX036743.D

Acq: 01 Aug 2023 13:01

Instrument :

MSVOA_X

ClientSampleId :

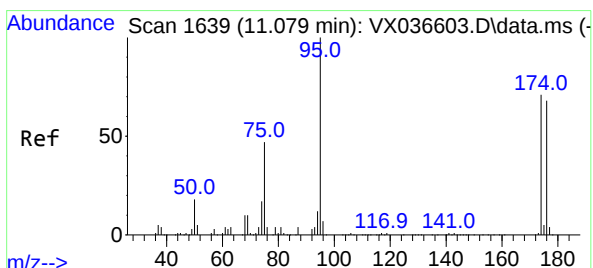
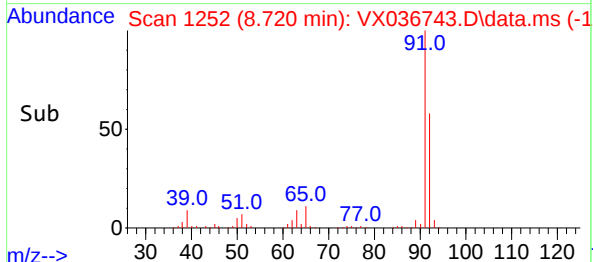
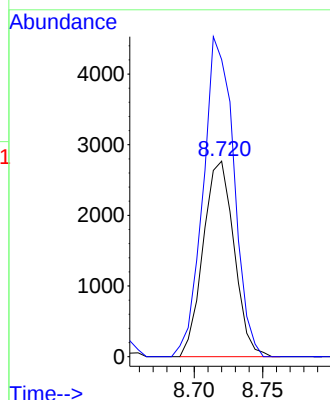
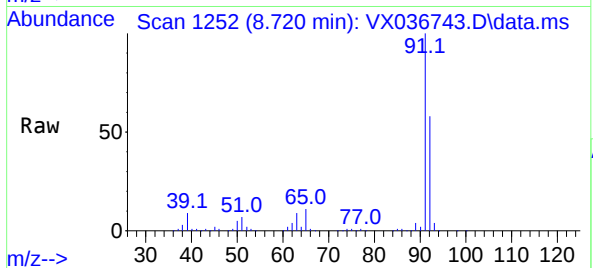
1712DL

Tgt Ion: 75 Resp: 4341

Ion Ratio Lower Upper

75 100

77 151.9 25.7 38.5#



#62

4-Bromofluorobenzene

Concen: 48.873 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036743.D

Acq: 01 Aug 2023 13:01

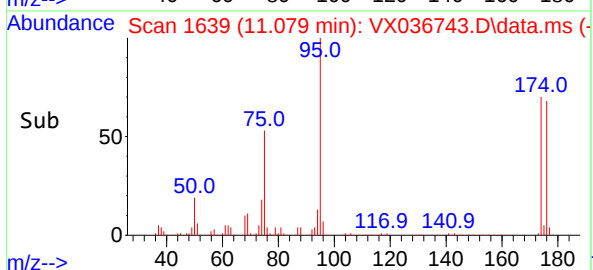
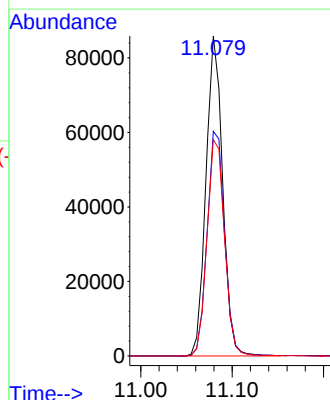
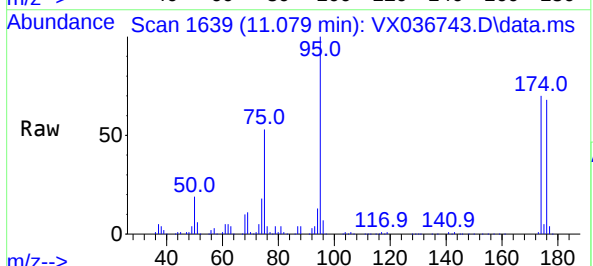
Tgt Ion: 95 Resp: 108575

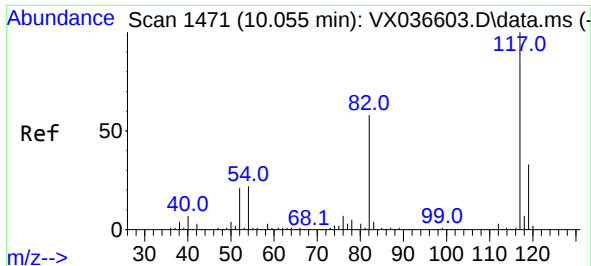
Ion Ratio Lower Upper

95 100

174 73.7 0.0 135.6

176 71.1 0.0 131.0

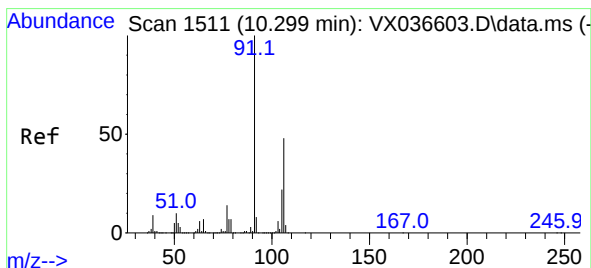
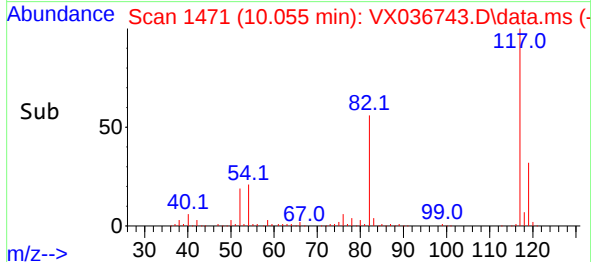
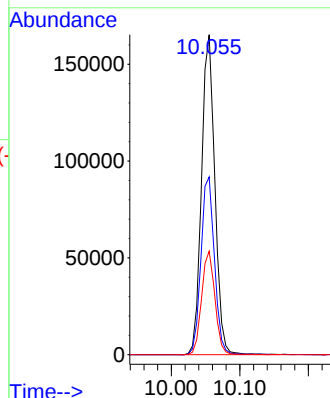
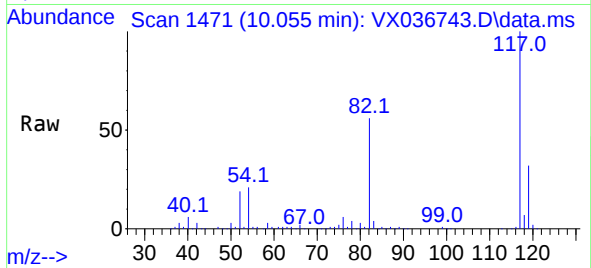




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

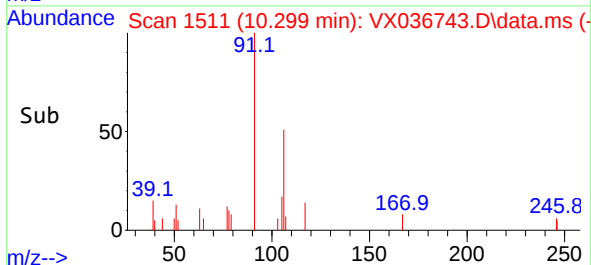
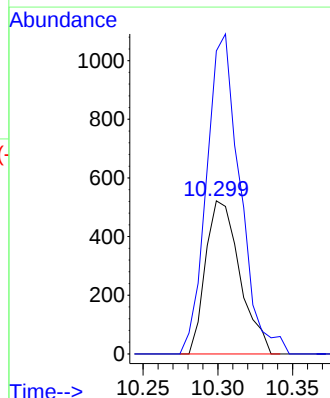
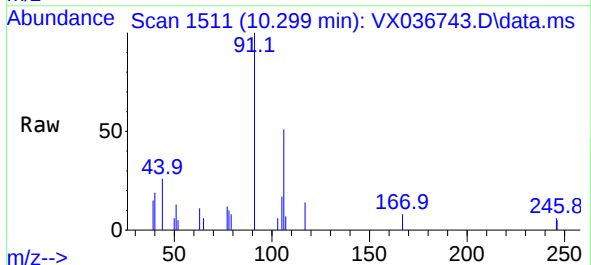
Instrument :
MSVOA_X
ClientSampleId :
1712DL

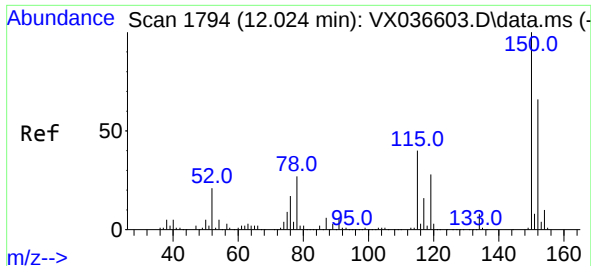
Tgt Ion:117 Resp: 224223
Ion Ratio Lower Upper
117 100
82 55.5 46.2 69.4
119 32.4 25.5 38.3



#68
m/p-Xylenes
Concen: 0.246 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion:106 Resp: 830
Ion Ratio Lower Upper
106 100
91 204.5 165.5 248.3

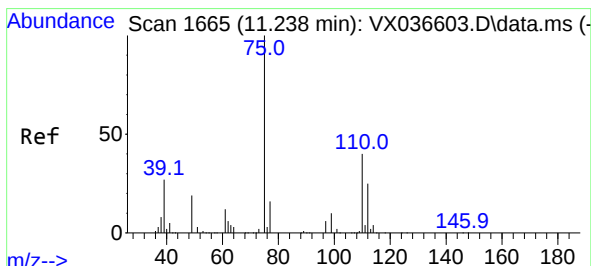
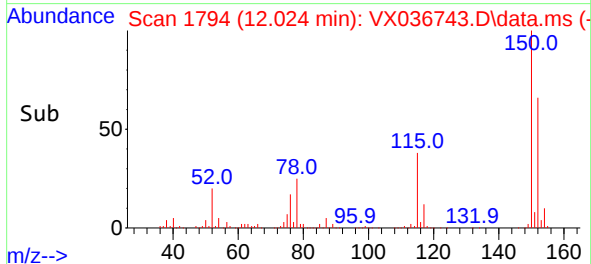
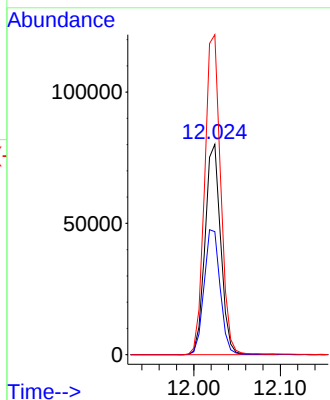
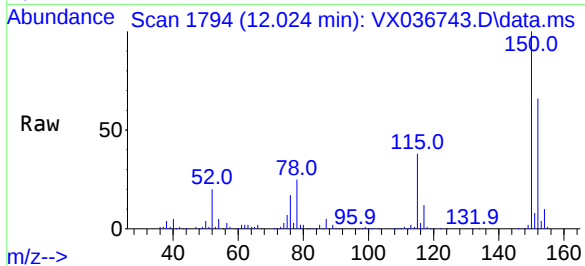




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

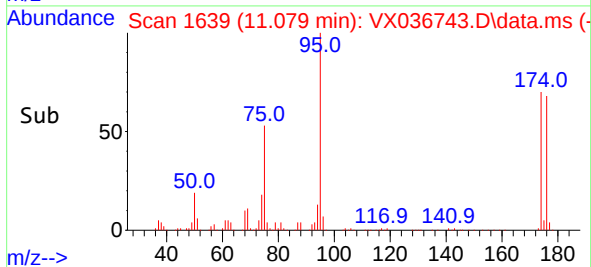
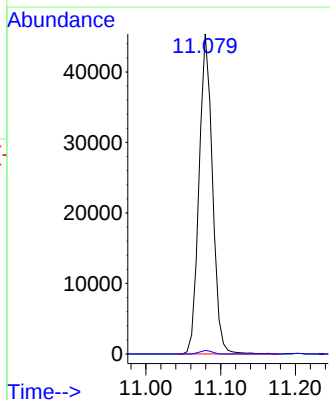
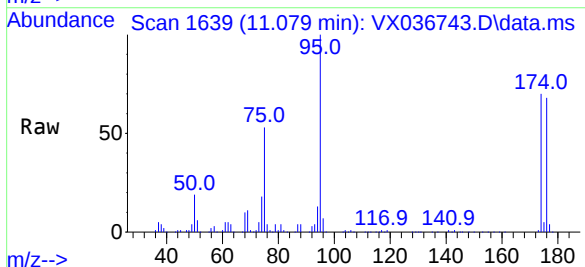
Instrument :
MSVOA_X
ClientSampleId :
1712DL

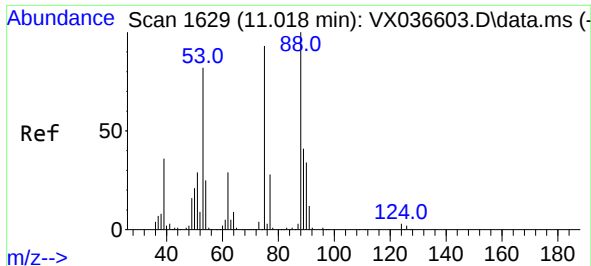
Tgt Ion:152 Resp: 100704
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 155.3 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 23.873 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Tgt Ion: 75 Resp: 56547
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 54.109 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX036743.D
Acq: 01 Aug 2023 13:01

Instrument :
MSVOA_X
ClientSampleId :
1712DL

Tgt Ion: 75 Resp: 56547
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

