

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080123\
 Data File : VX036744.D
 Acq On : 01 Aug 2023 13:25
 Operator : JC/MD
 Sample : 03808-08DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1715DL

Quant Time: Aug 02 06:24:16 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)

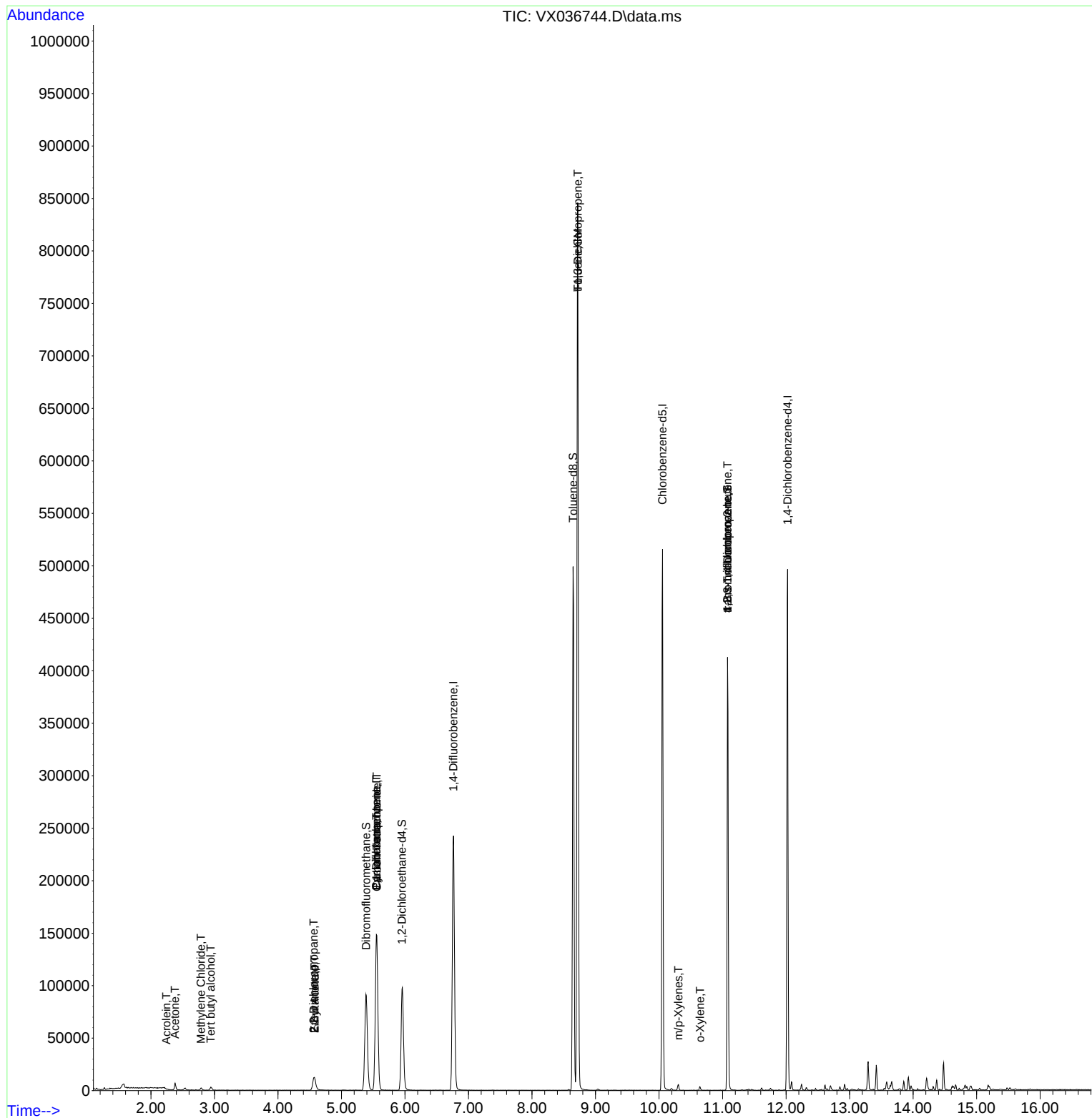
Internal Standards						
1) Pentafluorobenzene	5.550	168	138222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	250682	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	93321	45.629	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.260%
35) Dibromofluoromethane	5.385	113	79890	46.366	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.740%
50) Toluene-d8	8.647	98	296189	48.474	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.940%
62) 4-Bromofluorobenzene	11.079	95	109490	47.495	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	1783	3.682	ug/l #	78
13) Acrolein	2.239	56	101	0.366	ug/l #	14
16) Acetone	2.379	43	6636	7.819	ug/l	99
20) Methylene Chloride	2.788	84	1086	0.575	ug/l	92
25) 2-Butanone	4.574	43	2322	1.686	ug/l #	82
26) 2,2-Dichloropropane	4.562	77	1121	0.367	ug/l #	54
31) Cyclohexane	5.550	56	3199	1.130	ug/l #	9
36) 1,1-Dichloropropene	5.550	75	11710	4.560	ug/l #	50
37) Ethyl Acetate	4.574	43	2322	0.799	ug/l #	71
38) Carbon Tetrachloride	5.556	117	14782	5.414	ug/l #	16
52) Toluene	8.720	92	321825	68.738	ug/l	97
53) t-1,3-Dichloropropene	8.720	75	3723	1.149	ug/l #	1
68) m/p-Xylenes	10.305	106	1253	0.369	ug/l	95
69) o-Xylene	10.646	106	898	0.265	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	57063	24.019	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	57063	54.440	ug/l #	5

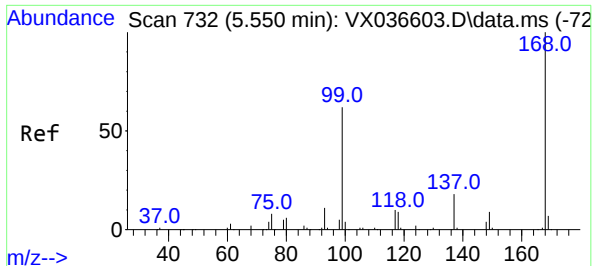
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

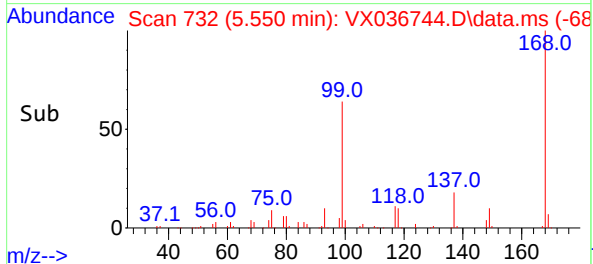
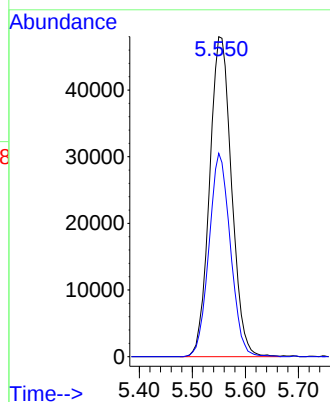
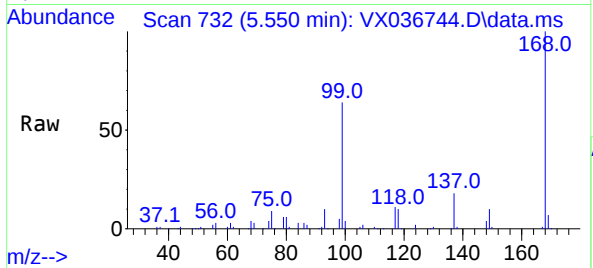




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

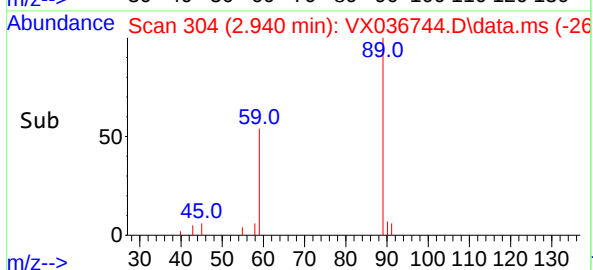
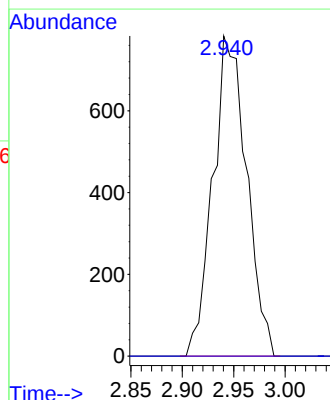
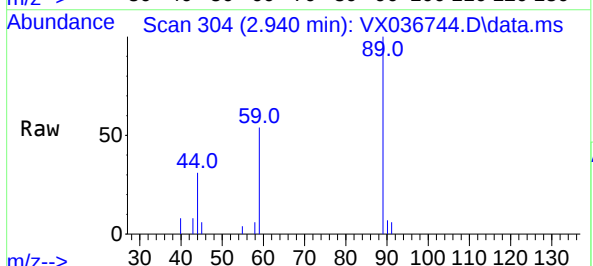
Instrument :
MSVOA_X
ClientSampleId :
1715DL

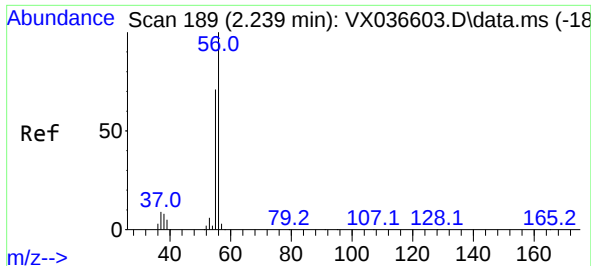
Tgt Ion:168 Resp: 138222
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.682 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.049 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

Tgt Ion: 59 Resp: 1783
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

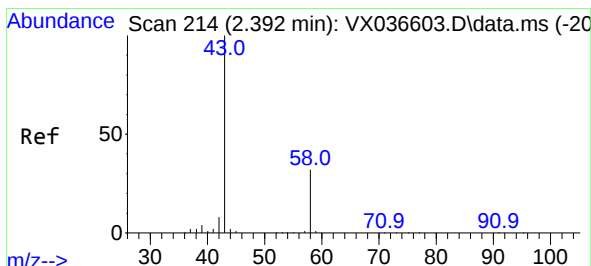
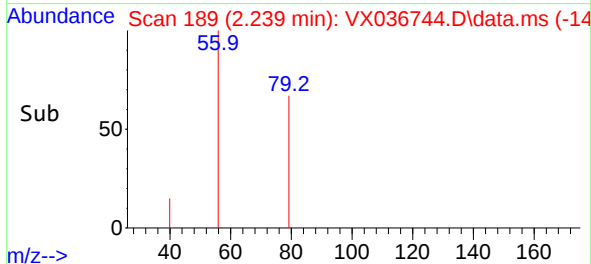
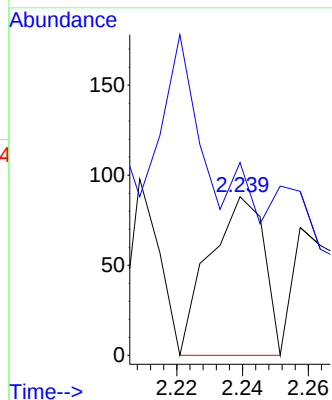
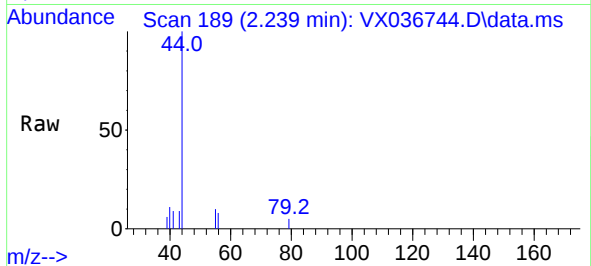




#13
Acrolein
Concen: 0.366 ug/l
RT: 2.239 min Scan# 189
Delta R.T. -0.000 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

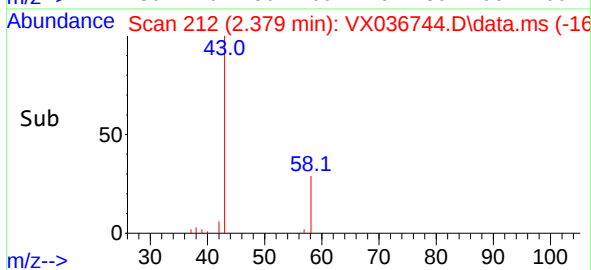
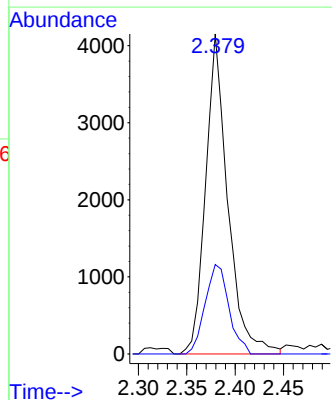
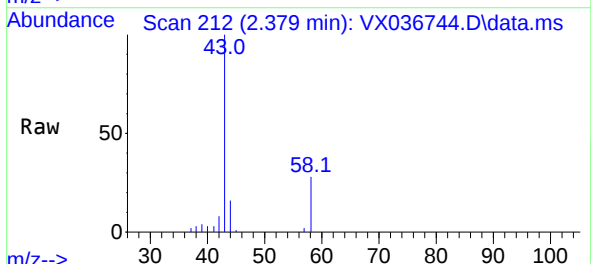
Instrument :
MSVOA_X
ClientSampleId :
1715DL

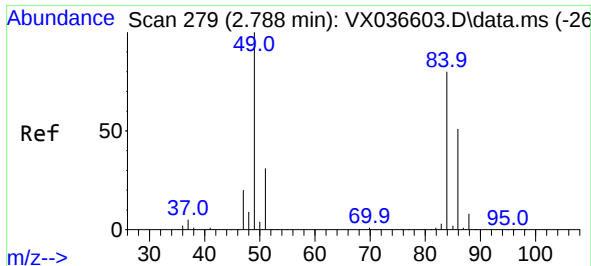
Tgt Ion: 56 Resp: 101
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 7.819 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

Tgt Ion: 43 Resp: 6636
Ion Ratio Lower Upper
43 100
58 27.9 21.9 32.9



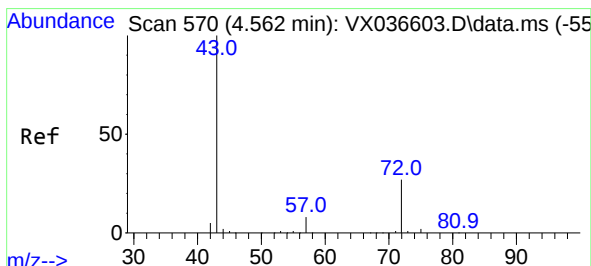
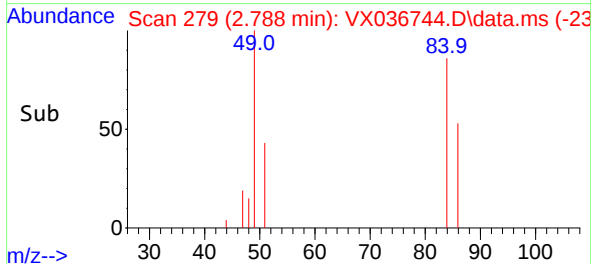
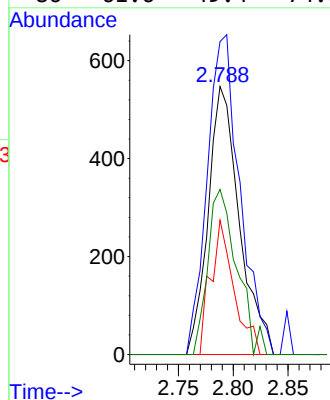
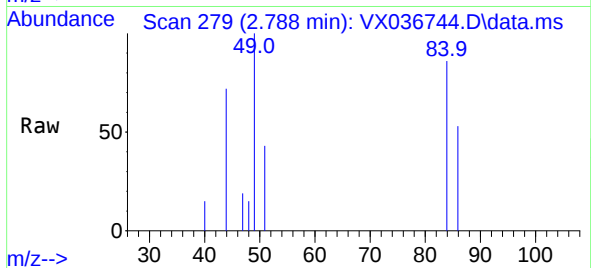


#20
Methylene Chloride
Concen: 0.575 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

Instrument :
MSVOA_X
ClientSampleId :
1715DL

Tgt Ion: 84 Resp: 1086

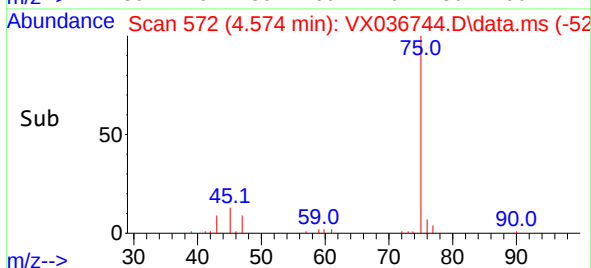
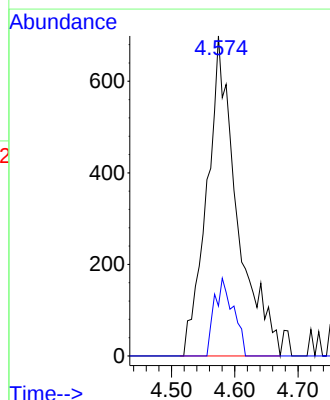
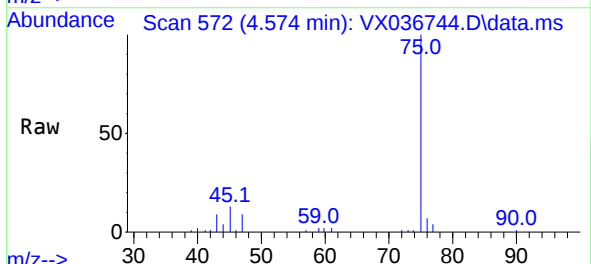
Ion	Ratio	Lower	Upper
84	100		
49	116.8	103.6	155.4
51	50.1	33.8	50.6
86	61.6	49.4	74.0

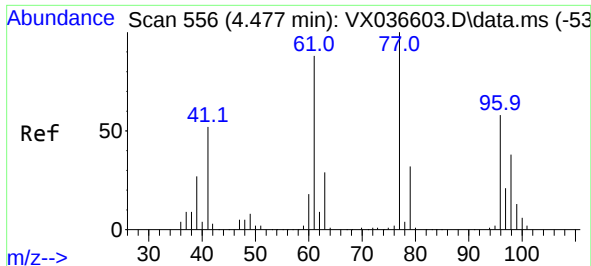


#25
2-Butanone
Concen: 1.686 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

Tgt Ion: 43 Resp: 2322

Ion	Ratio	Lower	Upper
43	100		
72	15.6	19.4	29.2#

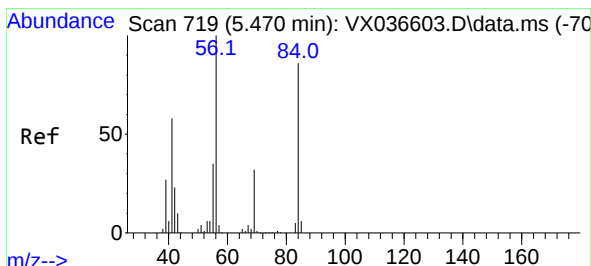
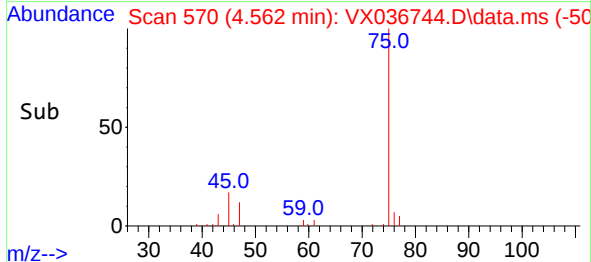
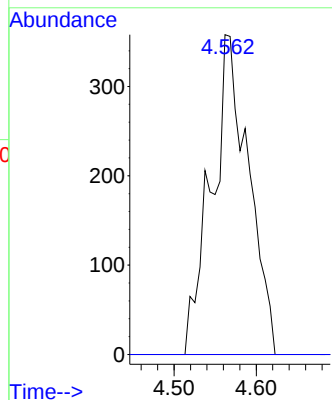
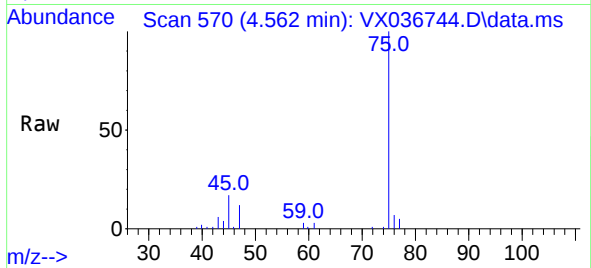




#26
2,2-Dichloropropane
Concen: 0.367 ug/l
RT: 4.562 min Scan# 511
Delta R.T. 0.085 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

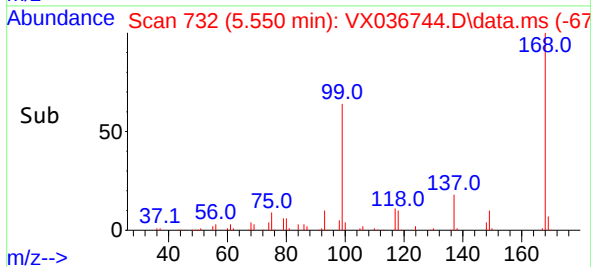
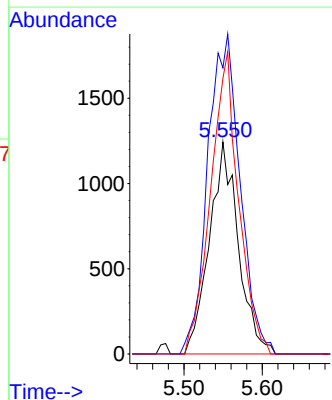
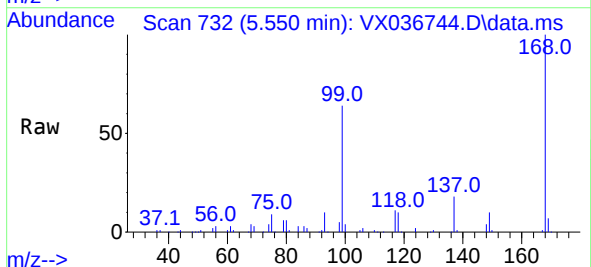
Instrument :
MSVOA_X
ClientSampleId :
1715DL

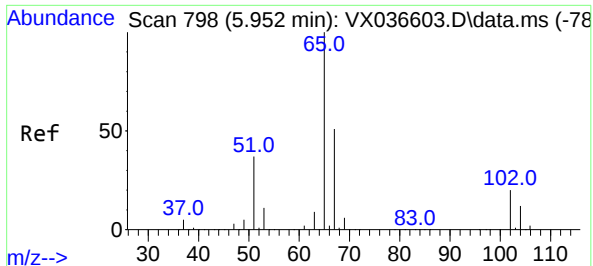
Tgt Ion: 77 Resp: 1121
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



#31
Cyclohexane
Concen: 1.130 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

Tgt Ion: 56 Resp: 3199
Ion Ratio Lower Upper
56 100
69 134.9 23.4 35.2#
84 130.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.629 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX036744.D

Acq: 01 Aug 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

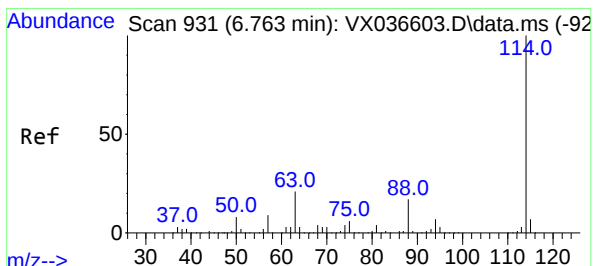
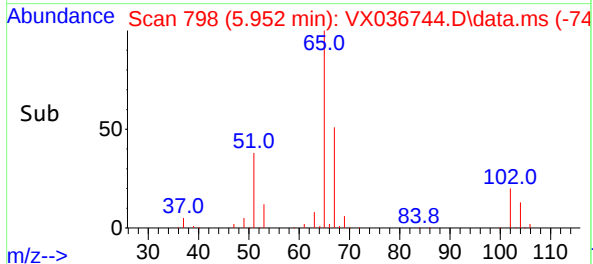
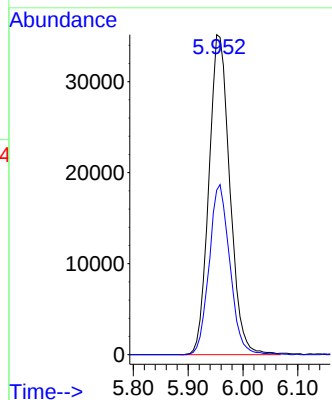
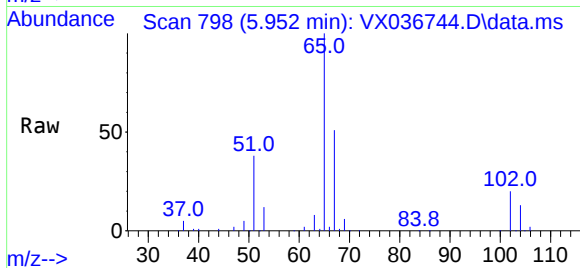
1715DL

Tgt Ion: 65 Resp: 93321

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX036744.D

Acq: 01 Aug 2023 13:25

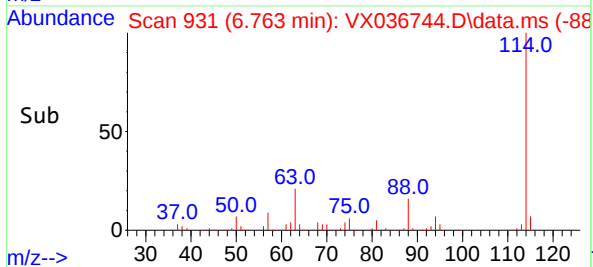
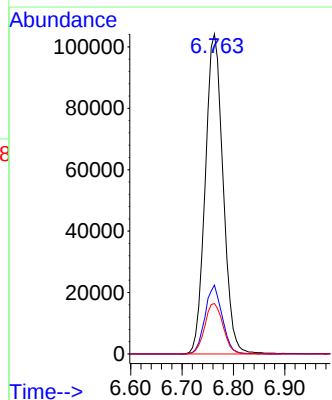
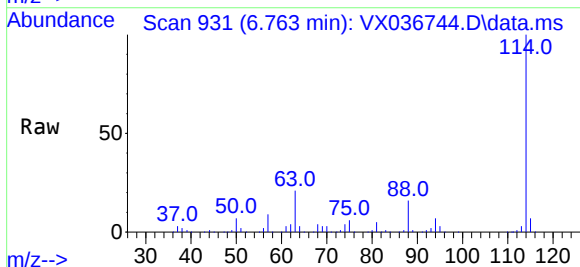
Tgt Ion: 114 Resp: 250682

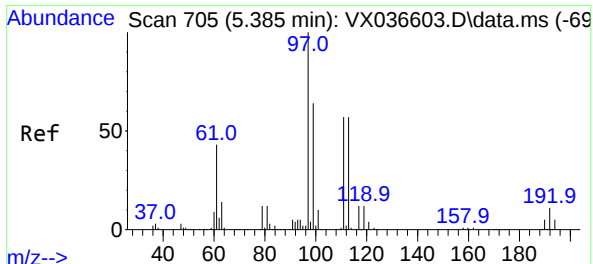
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 15.8 0.0 36.6

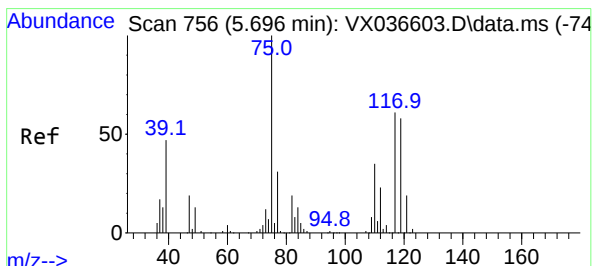
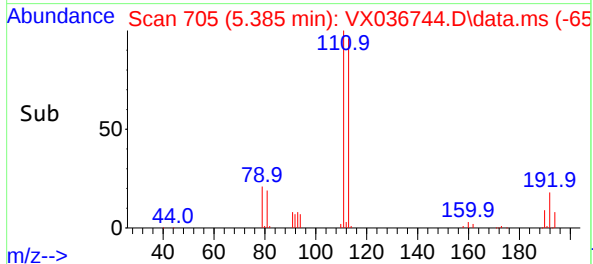
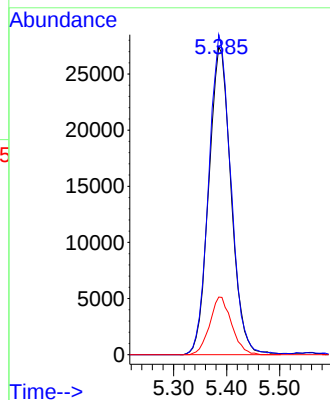
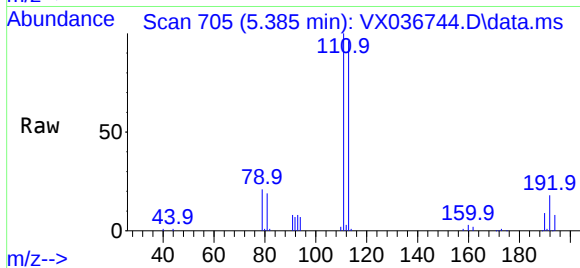




#35
Dibromofluoromethane
Concen: 46.366 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

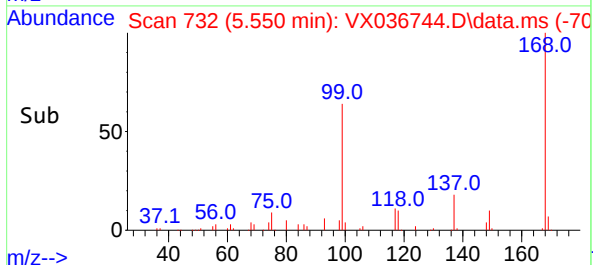
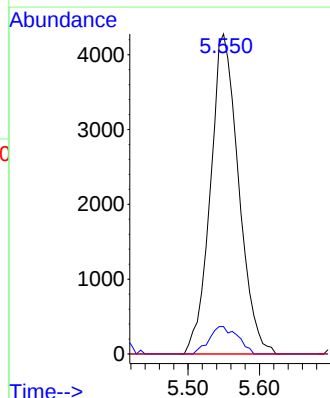
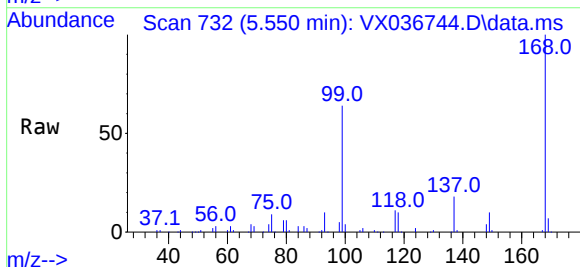
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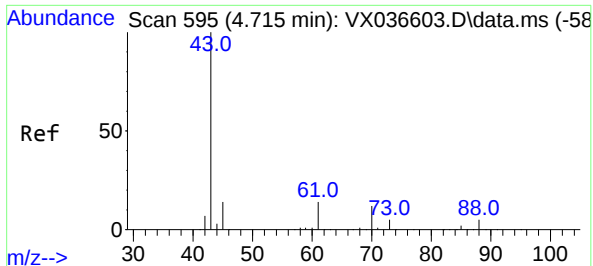
Tgt Ion:	113	Resp:	79890
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.9	124.3
192	18.4	13.3	19.9



#36
1,1-Dichloropropene
Concen: 4.560 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

Tgt Ion:	75	Resp:	11710
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.0	50.9#
77	0.0	24.7	37.1#





#37

Ethyl Acetate

Concen: 0.799 ug/l

RT: 4.574 min Scan# 51

Delta R.T. -0.140 min

Lab File: VX036744.D

Acq: 01 Aug 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

1715DL

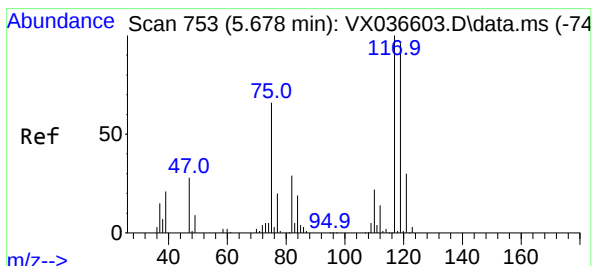
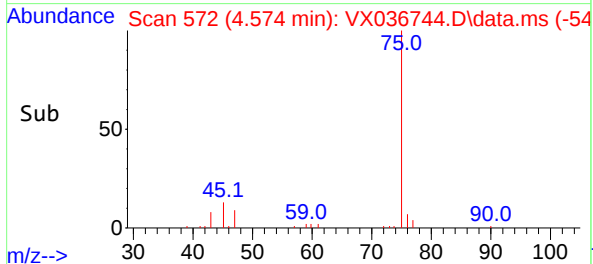
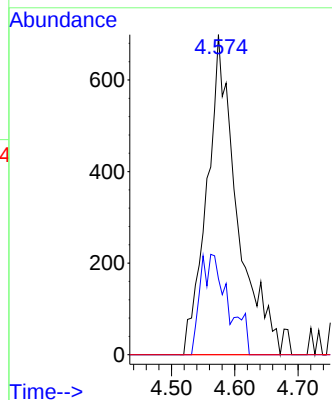
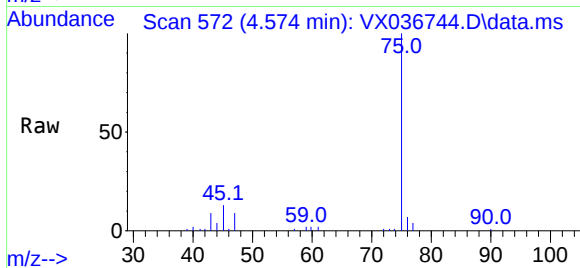
Tgt Ion: 43 Resp: 2322

Ion Ratio Lower Upper

43 100

61 25.1 10.6 16.0#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.414 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX036744.D

Acq: 01 Aug 2023 13:25

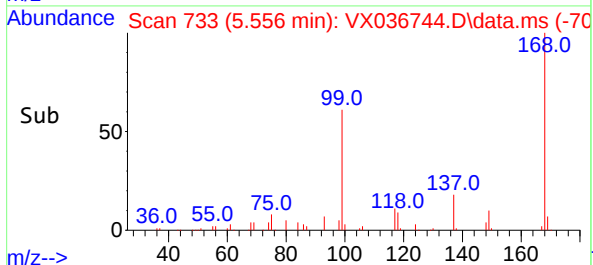
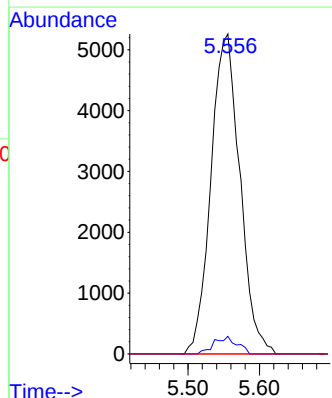
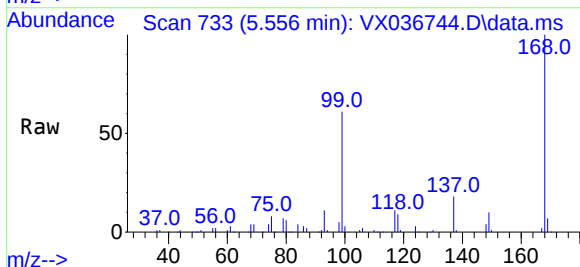
Tgt Ion: 117 Resp: 14782

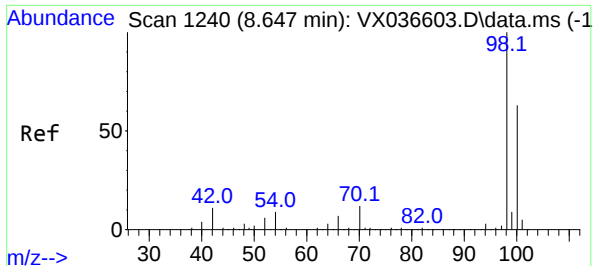
Ion Ratio Lower Upper

117 100

119 5.5 78.2 117.2#

121 0.0 24.4 36.6#

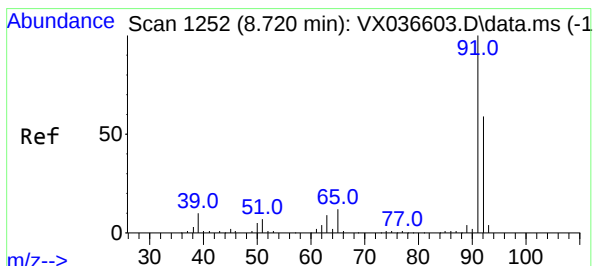
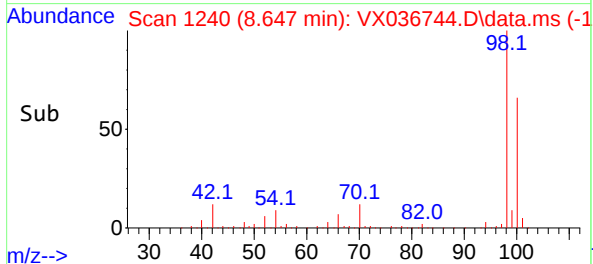
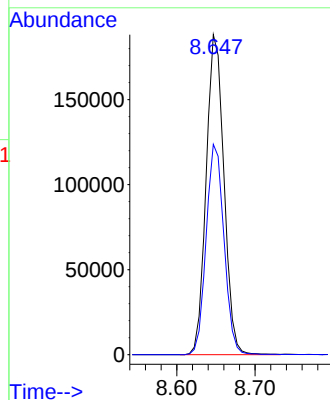
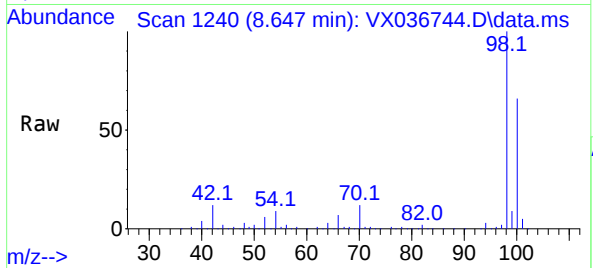




#50
Toluene-d8
Concen: 48.474 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

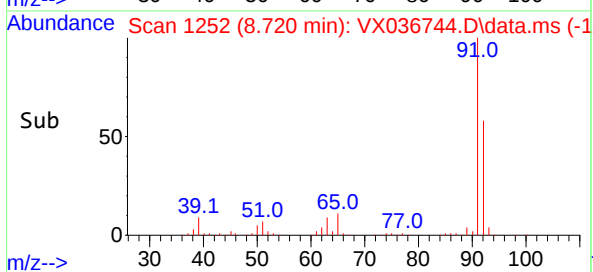
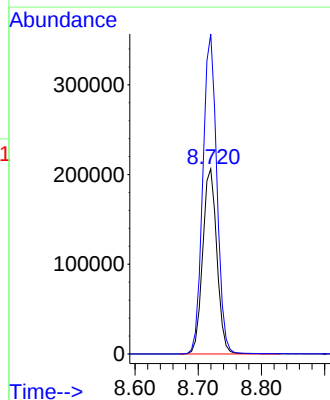
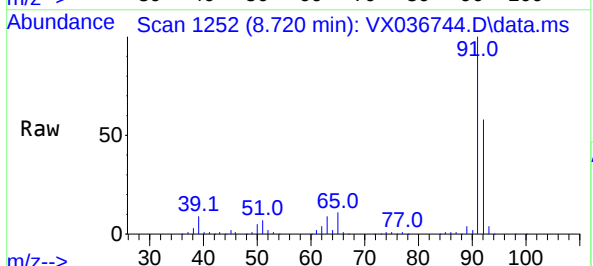
Instrument :
MSVOA_X
ClientSampleId :
1715DL

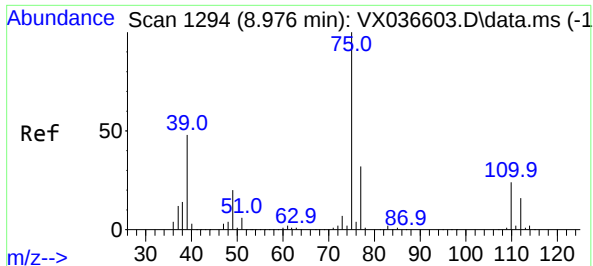
Tgt Ion: 98 Resp: 296189
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#52
Toluene
Concen: 68.738 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

Tgt Ion: 92 Resp: 321825
Ion Ratio Lower Upper
92 100
91 171.7 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 1.149 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.256 min

Lab File: VX036744.D

Acq: 01 Aug 2023 13:25

Instrument :

MSVOA_X

ClientSampleId :

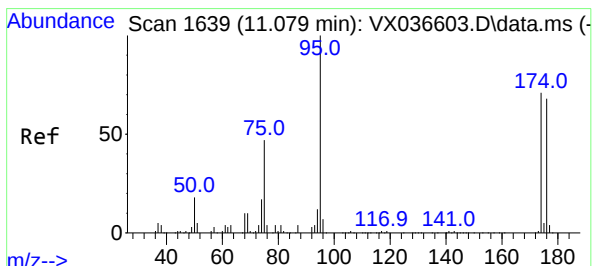
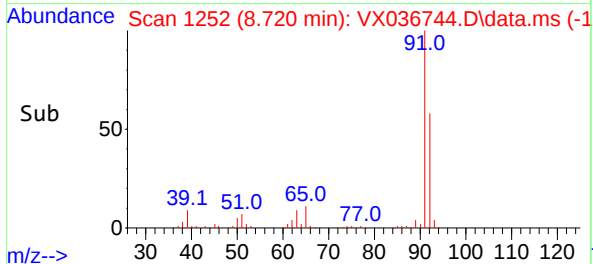
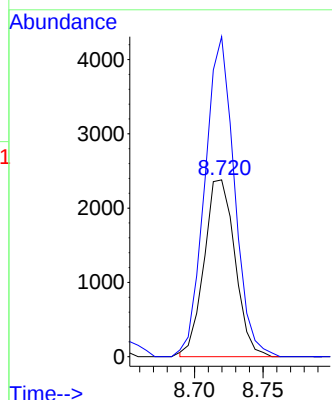
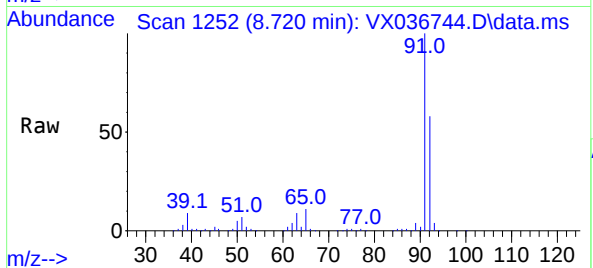
1715DL

Tgt Ion: 75 Resp: 3723

Ion Ratio Lower Upper

75 100

77 181.0 25.7 38.5#



#62

4-Bromofluorobenzene

Concen: 47.495 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX036744.D

Acq: 01 Aug 2023 13:25

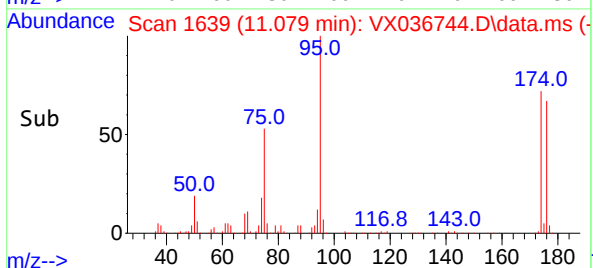
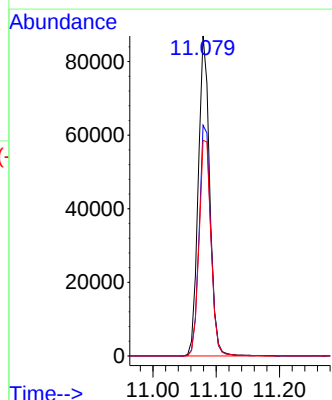
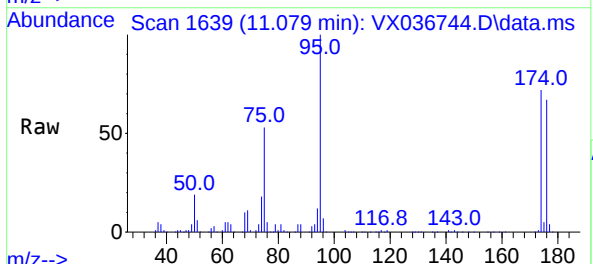
Tgt Ion: 95 Resp: 109490

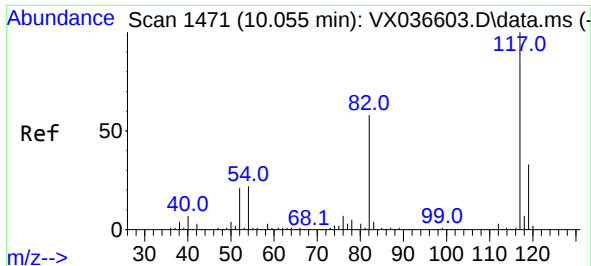
Ion Ratio Lower Upper

95 100

174 73.7 0.0 135.6

176 70.6 0.0 131.0

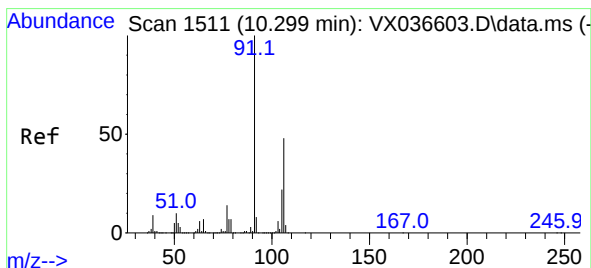
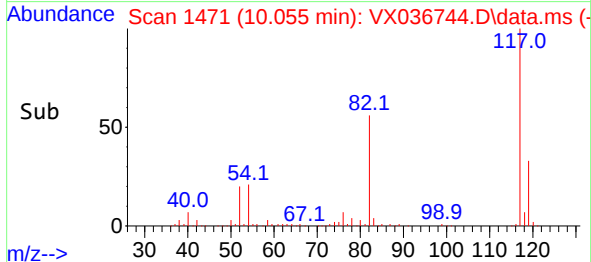
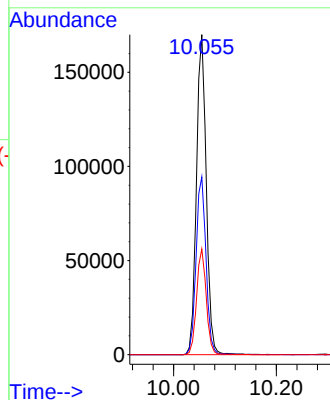
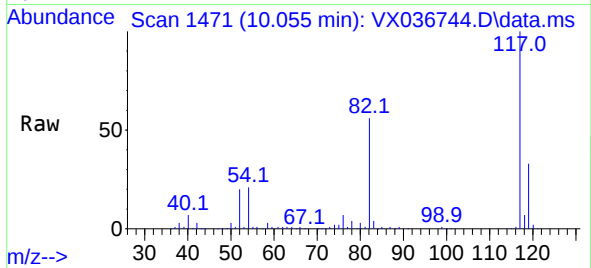




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

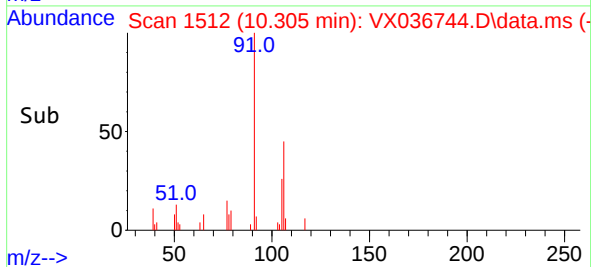
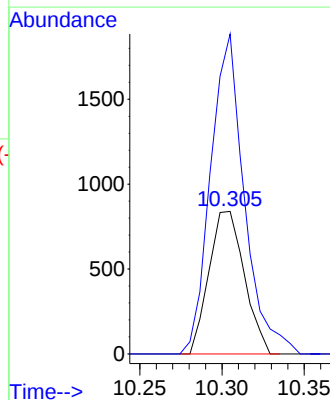
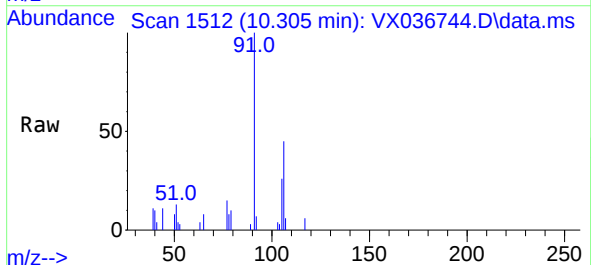
Instrument :
MSVOA_X
ClientSampleId :
1715DL

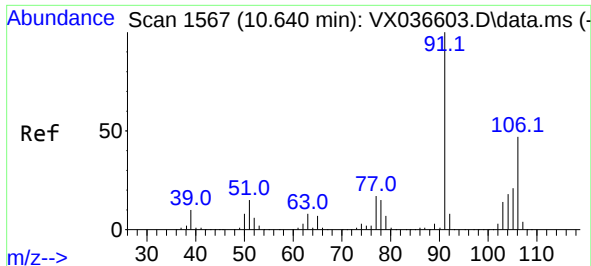
Tgt Ion:117 Resp: 226051
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 33.0 25.5 38.3



#68
m/p-Xylenes
Concen: 0.369 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

Tgt Ion:106 Resp: 1253
Ion Ratio Lower Upper
106 100
91 214.7 165.5 248.3

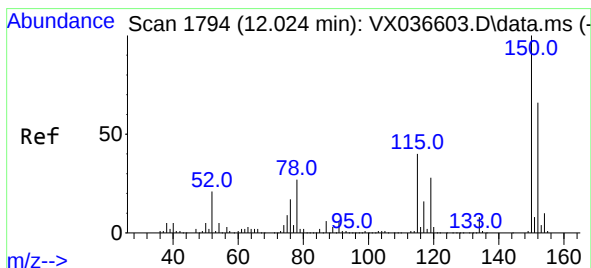
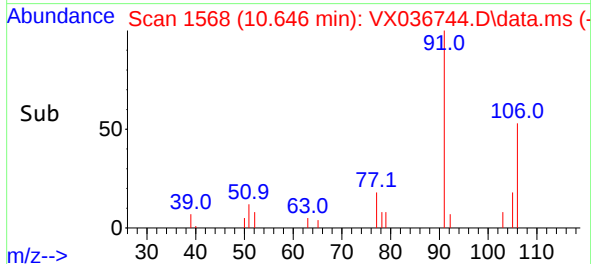
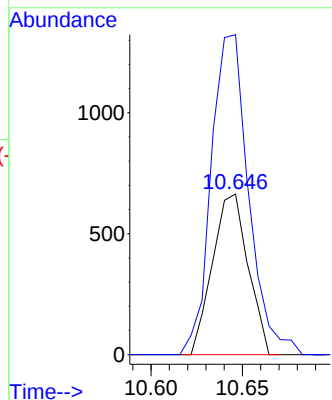
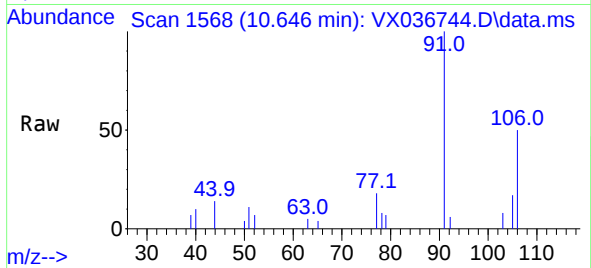




#69
o-Xylene
Concen: 0.265 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

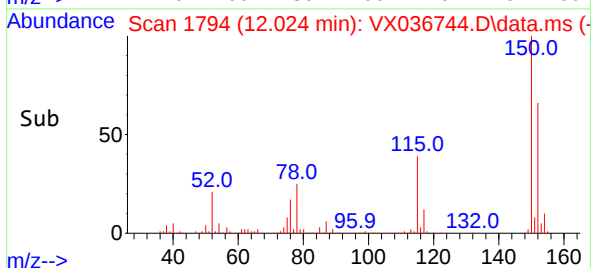
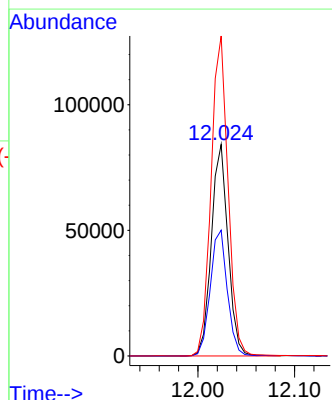
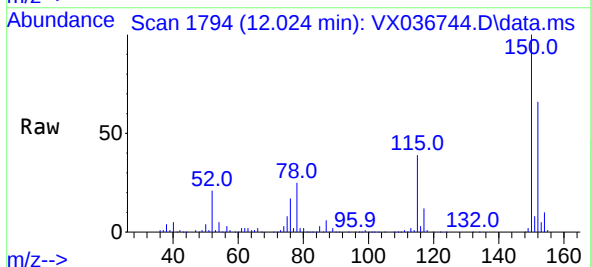
Instrument :
MSVOA_X
ClientSampleId :
1715DL

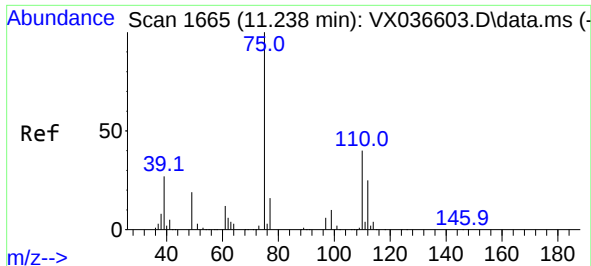
Tgt Ion:106 Resp: 898
Ion Ratio Lower Upper
106 100
91 210.6 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

Tgt Ion:152 Resp: 101005
Ion Ratio Lower Upper
152 100
115 61.0 43.3 129.9
150 153.9 0.0 345.0

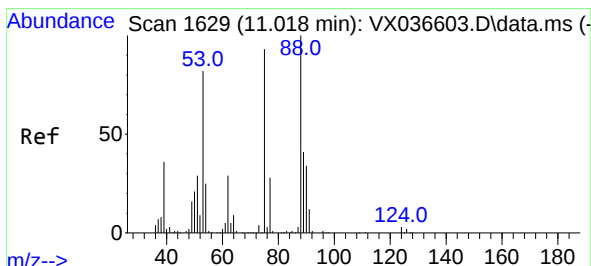
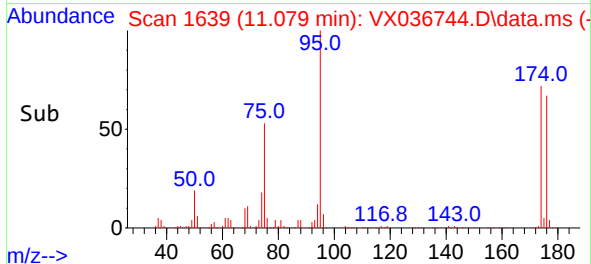
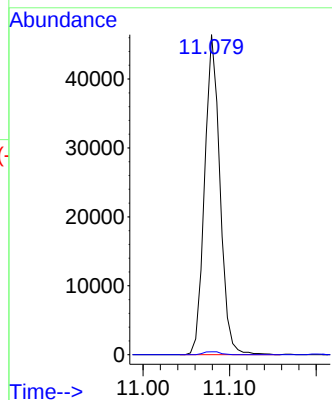
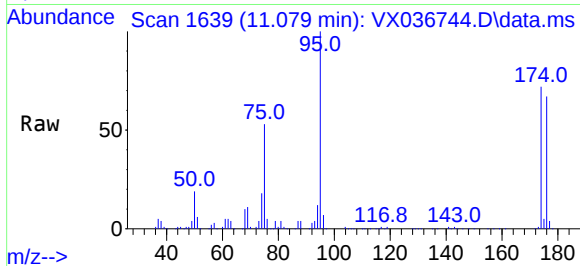




#76
1,2,3-Trichloropropane
Concen: 24.019 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

Instrument :
MSVOA_X
ClientSampleId :
1715DL

Tgt Ion: 75 Resp: 57063
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 54.440 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036744.D
Acq: 01 Aug 2023 13:25

Tgt Ion: 75 Resp: 57063
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

