

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037297.D
 Acq On : 28 Aug 2023 16:12
 Operator : JC/MD
 Sample : 04126-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 29 00:59:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

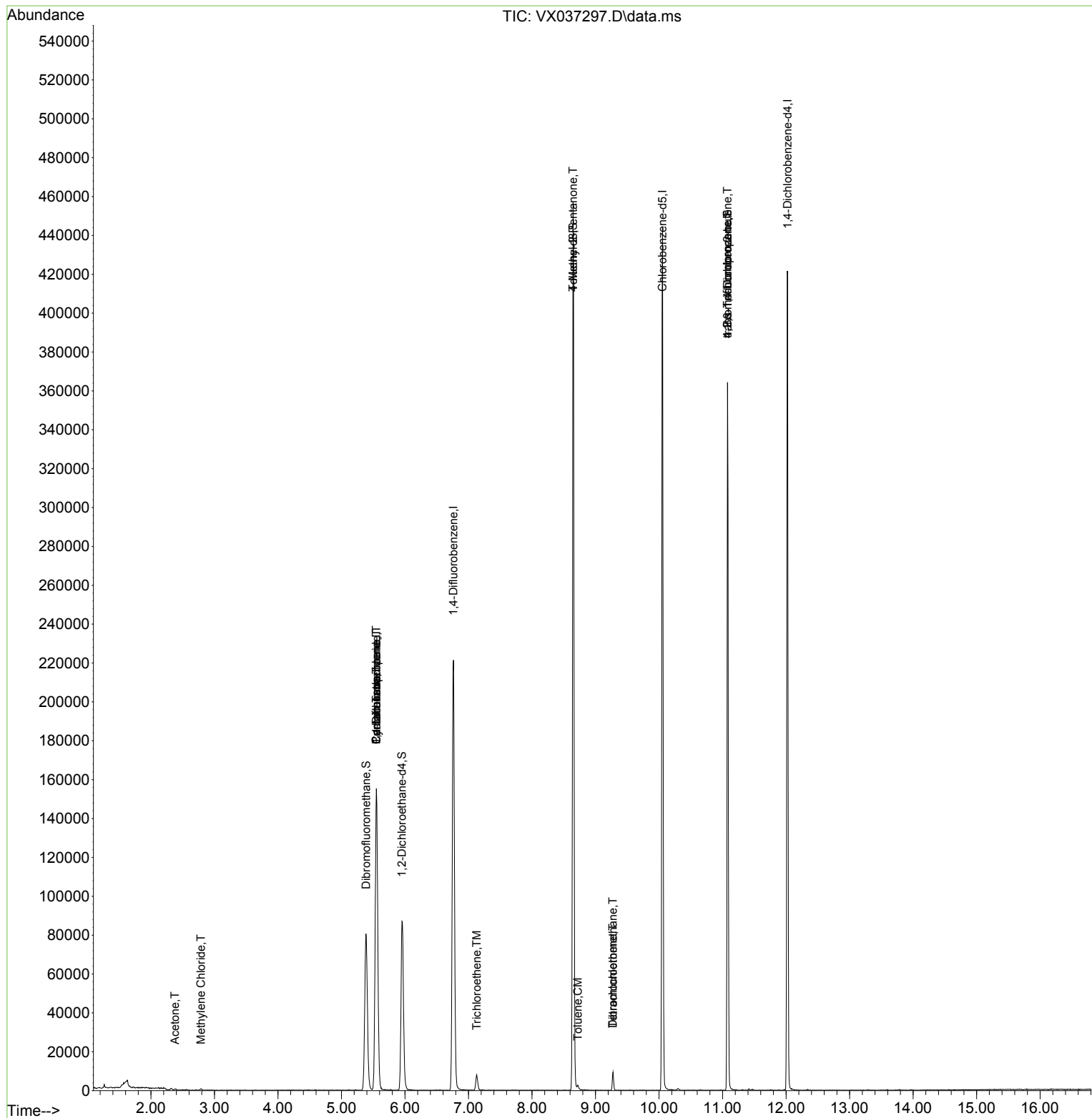
Internal Standards						
1) Pentafluorobenzene	5.550	168	143709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237204	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89170	43.039	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.080%
35) Dibromofluoromethane	5.385	113	72391	46.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.160%
50) Toluene-d8	8.647	98	275874	48.412	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.820%
62) 4-Bromofluorobenzene	11.079	95	100677	44.957	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.920%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	683	0.843	ug/l #	82
20) Methylene Chloride	2.788	84	417	0.230	ug/l #	73
31) Cyclohexane	5.550	56	2958	1.270	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10995	4.926	ug/l #	52
38) Carbon Tetrachloride	5.550	117	15301	6.311	ug/l #	16
44) Trichloroethene	7.129	130	3159	1.740	ug/l	86
51) 4-Methyl-2-Pentanone	8.647	43	998	0.454	ug/l #	1
52) Toluene	8.720	92	990	0.234	ug/l	96
60) Dibromochloromethane	9.275	129	1755	0.957	ug/l #	11
64) Tetrachloroethene	9.275	164	1730	1.131	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	50422	25.469	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	50422	71.137	ug/l #	5

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

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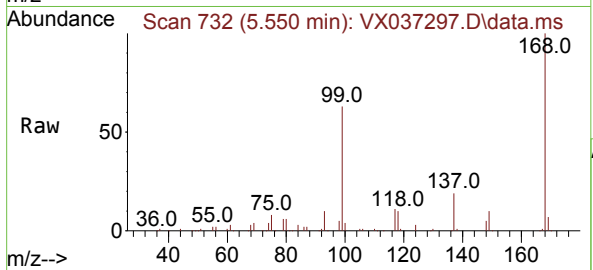
Quant Time: Aug 29 00:59:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
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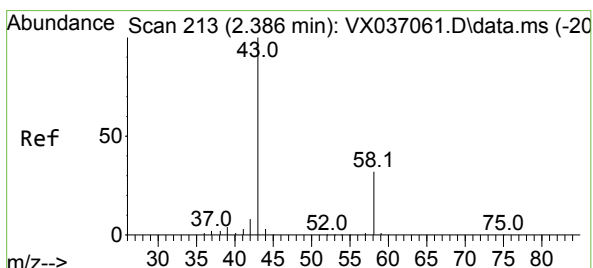
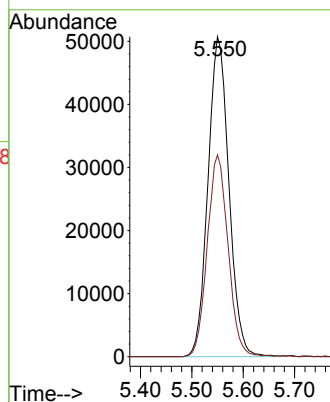
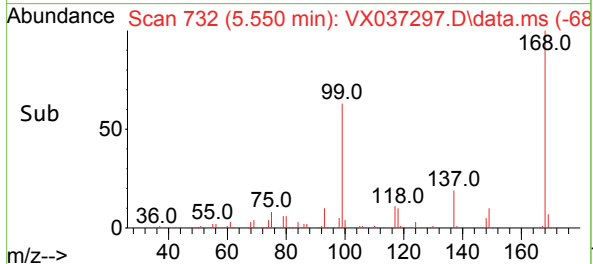


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

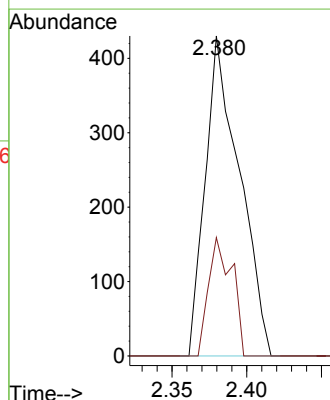
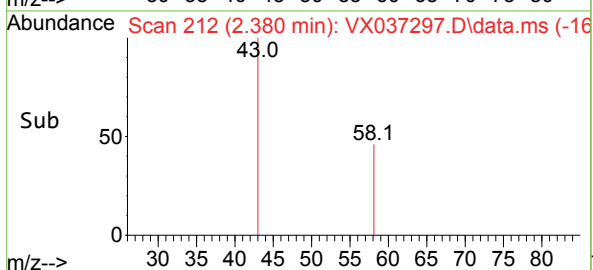
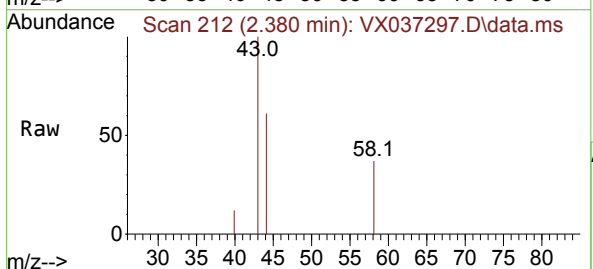


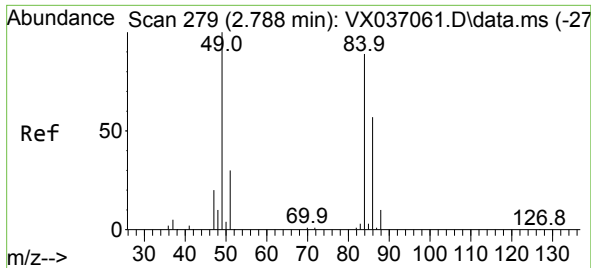
Tgt Ion:168 Resp: 143709
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#16
Acetone
Concen: 0.843 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Tgt Ion: 43 Resp: 683
Ion Ratio Lower Upper
43 100
58 37.0 21.9 32.9#





#20

Methylene Chloride

Concen: 0.230 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX037297.D

Acq: 28 Aug 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 84 Resp: 417

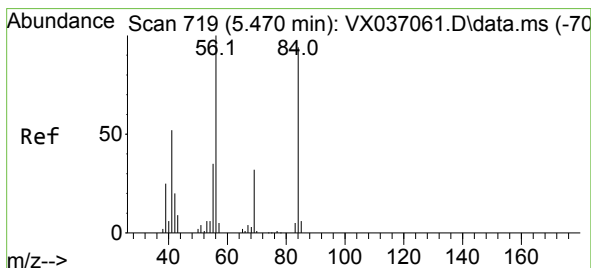
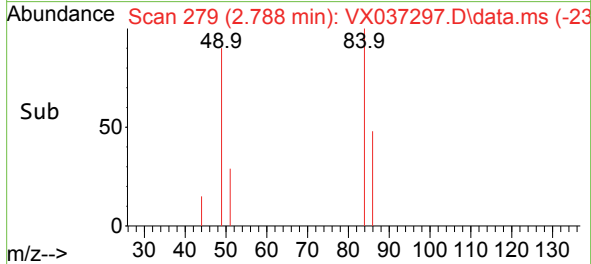
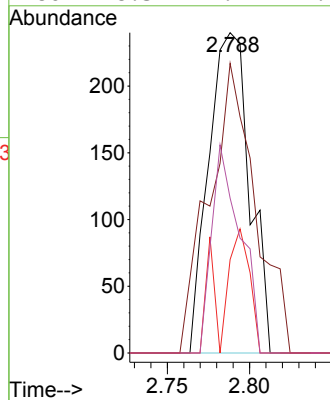
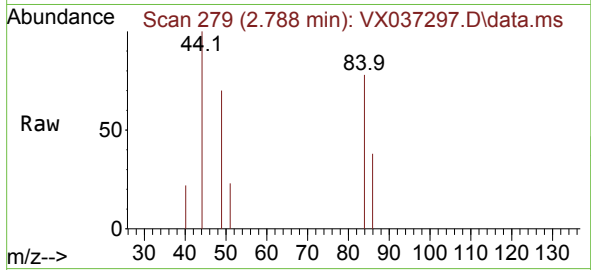
Ion Ratio Lower Upper

84 100

49 90.4 103.6 155.4#

51 29.2 33.8 50.6#

86 48.3 49.4 74.0#



#31

Cyclohexane

Concen: 1.270 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX037297.D

Acq: 28 Aug 2023 16:12

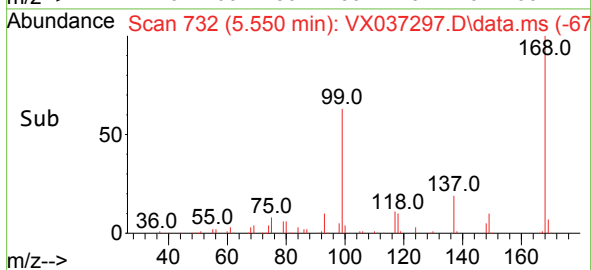
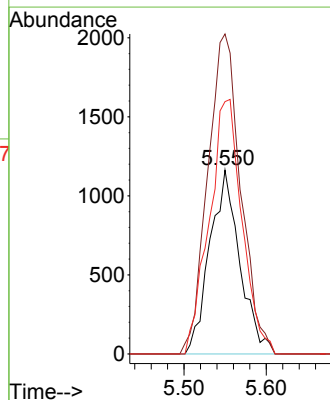
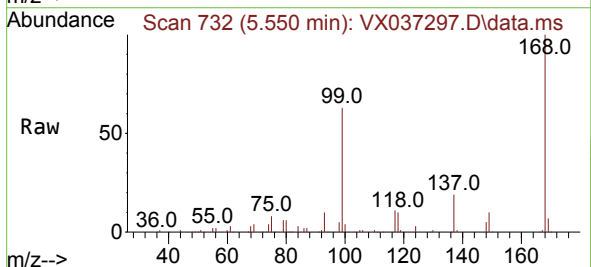
Tgt Ion: 56 Resp: 2958

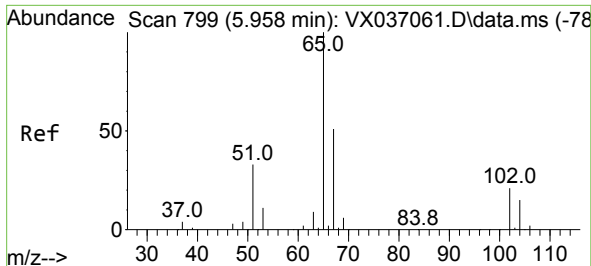
Ion Ratio Lower Upper

56 100

69 174.0 23.4 35.2#

84 137.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.039 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037297.D

Acq: 28 Aug 2023 16:12

Instrument :

MSVOA_X

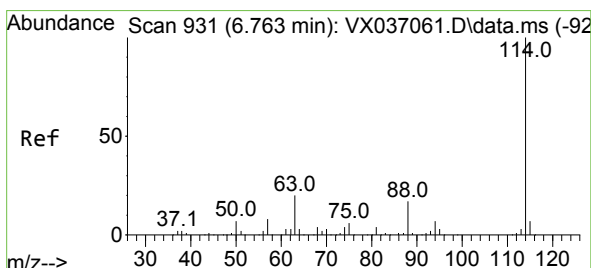
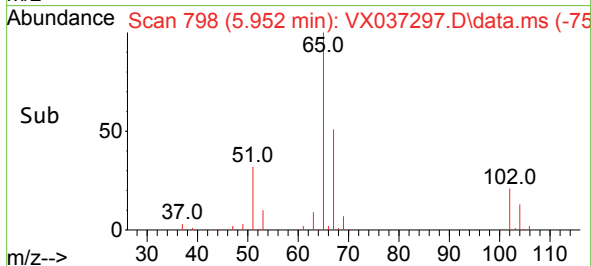
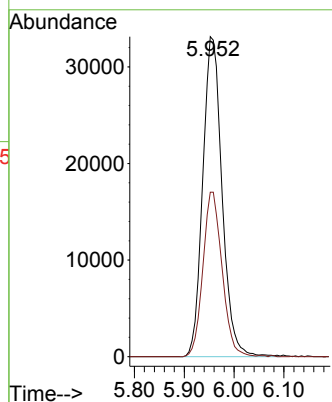
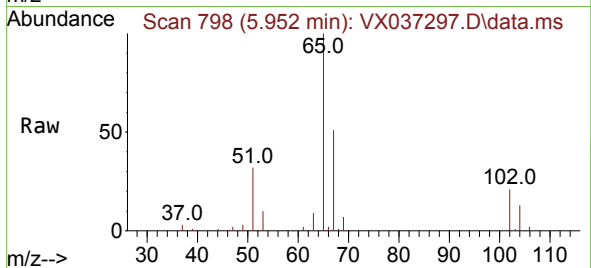
ClientSampleId :

Tgt Ion: 65 Resp: 89170

Ion Ratio Lower Upper

65 100

67 50.9 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: VX037297.D

Acq: 28 Aug 2023 16:12

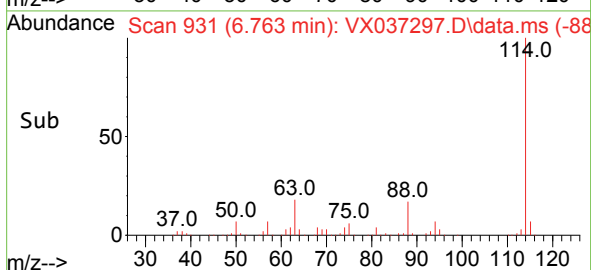
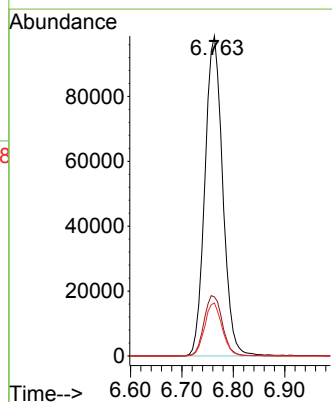
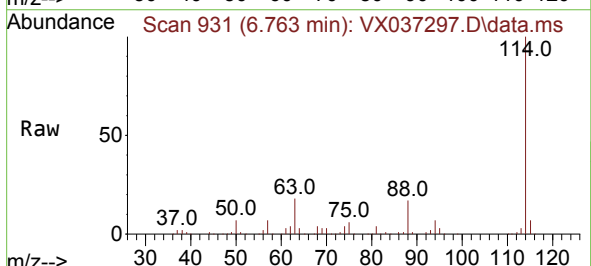
Tgt Ion: 114 Resp: 237204

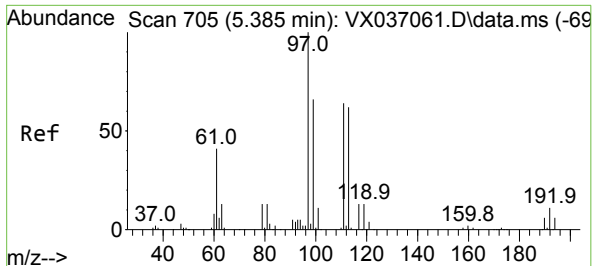
Ion Ratio Lower Upper

114 100

63 18.5 0.0 45.0

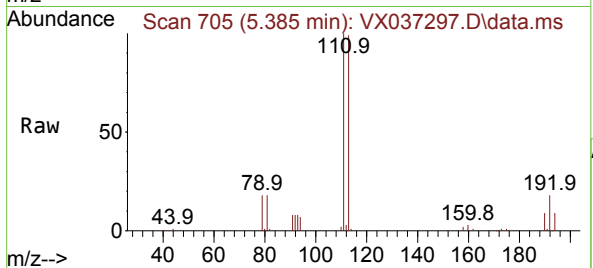
88 16.5 0.0 36.6



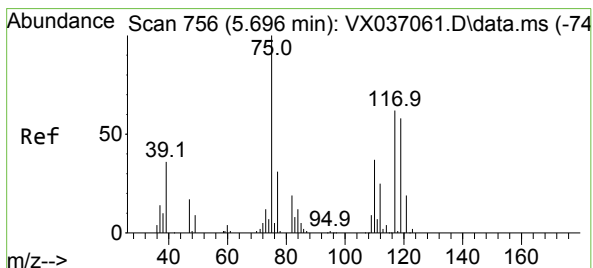
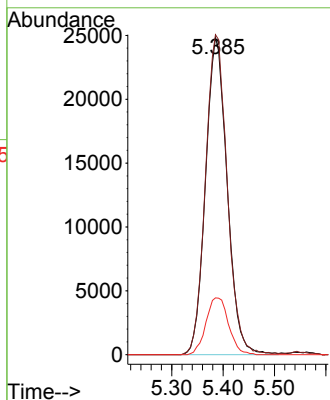
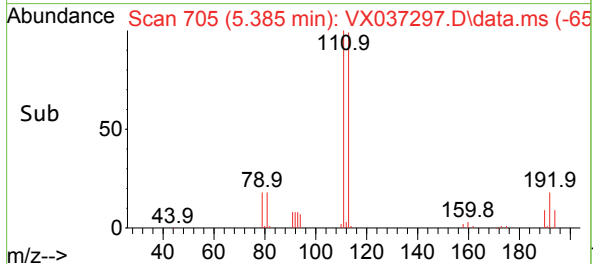


#35
Dibromofluoromethane
Concen: 46.081 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

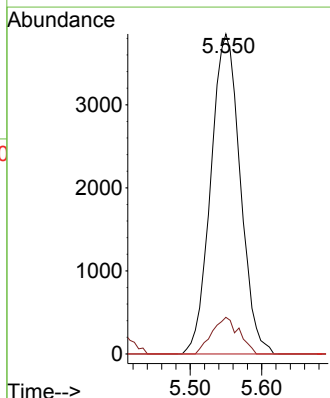
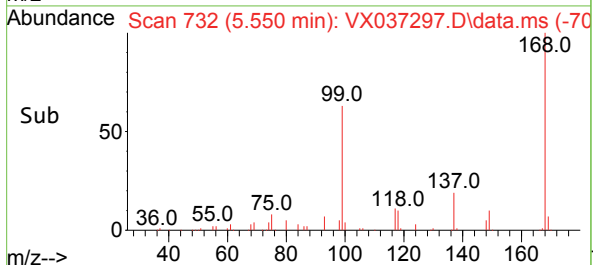
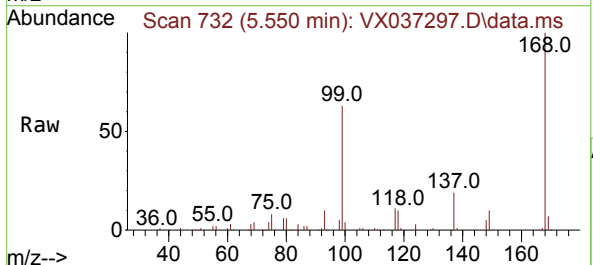


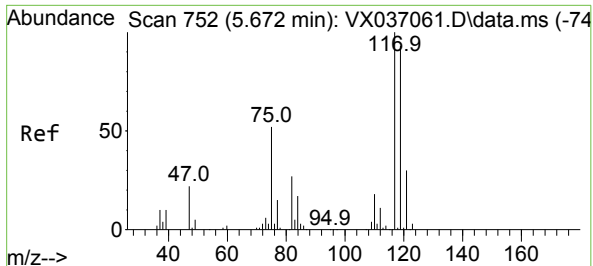
Tgt Ion:113 Resp: 72391
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.926 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

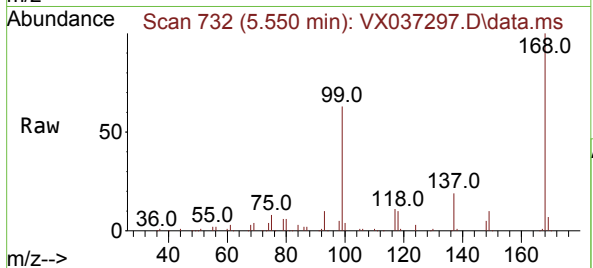
Tgt Ion: 75 Resp: 10995
Ion Ratio Lower Upper
75 100
110 10.6 17.0 50.9#
77 0.0 24.7 37.1#



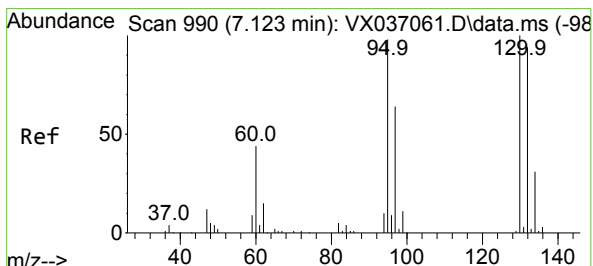
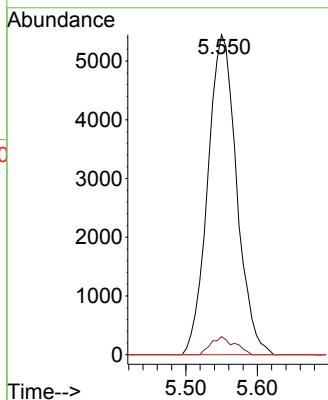
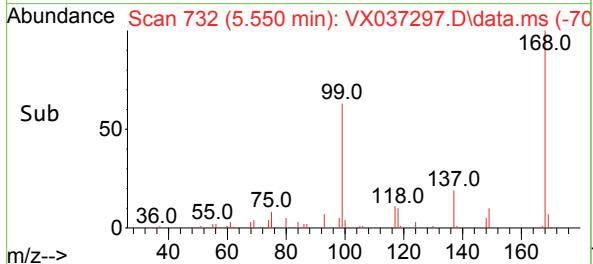


#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

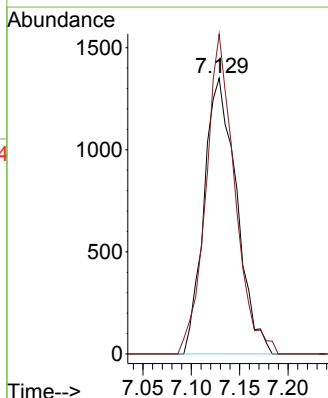
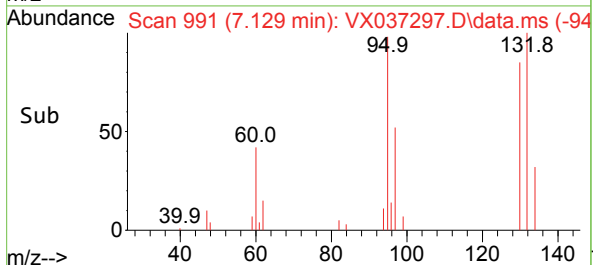
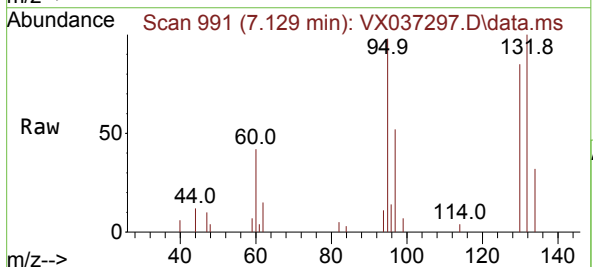


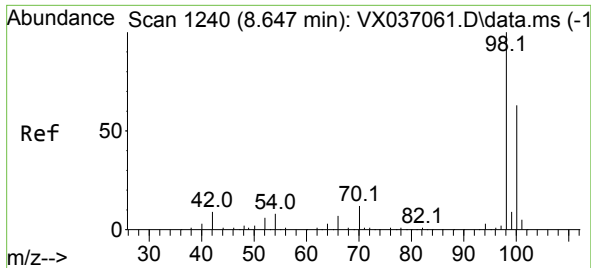
Tgt Ion:117 Resp: 15301
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.740 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Tgt Ion:130 Resp: 3159
Ion Ratio Lower Upper
130 100
95 116.0 0.0 204.4

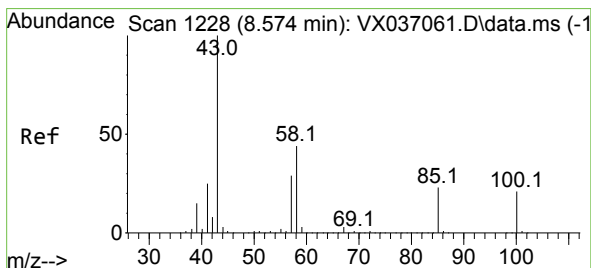
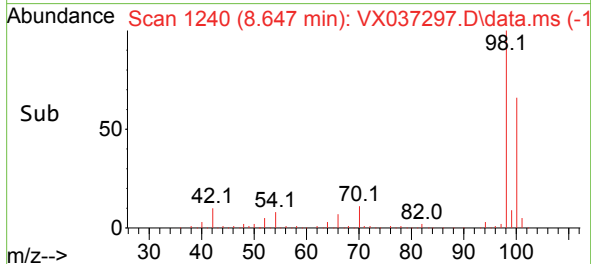
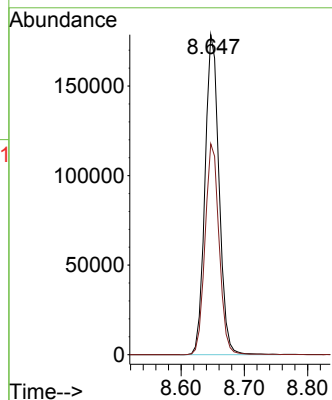
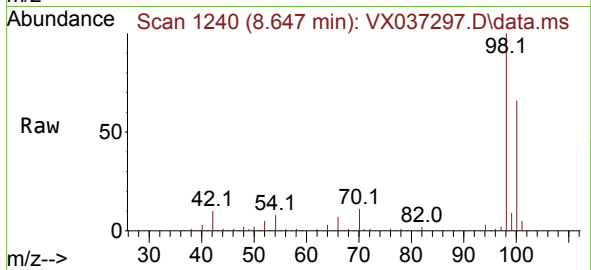




#50
Toluene-d8
Concen: 48.412 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

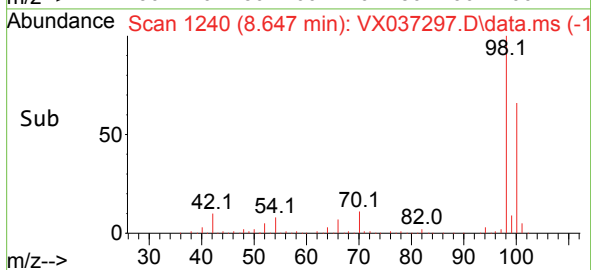
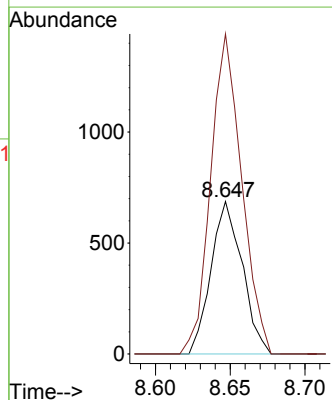
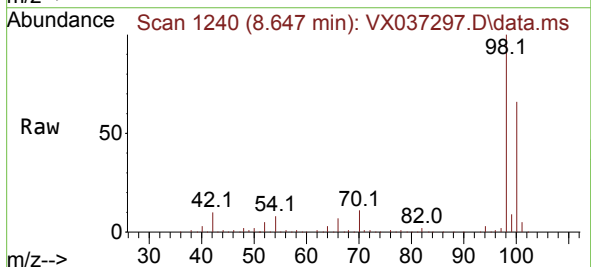
Instrument :
MSVOA_X
ClientSampleId :

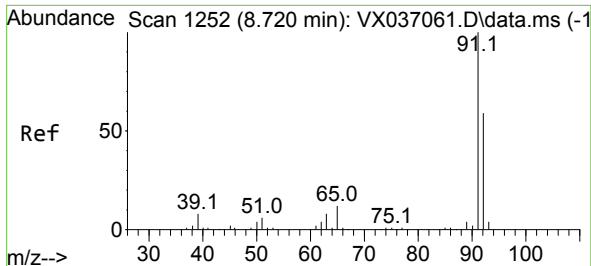
Tgt Ion: 98 Resp: 275874
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

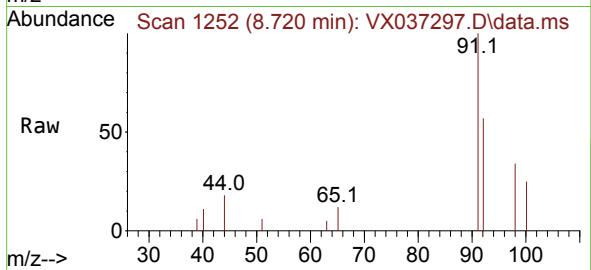
Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
58 208.6 30.4 45.6#



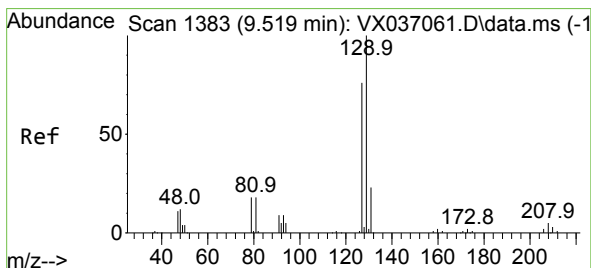
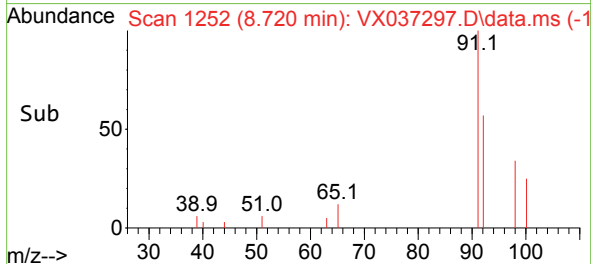
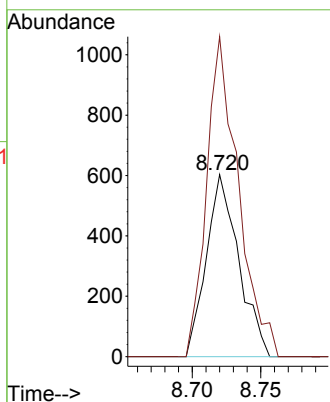


#52
Toluene
Concen: 0.234 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

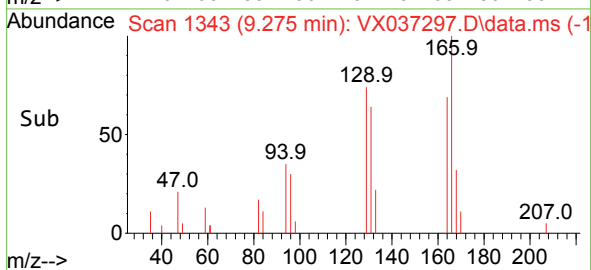
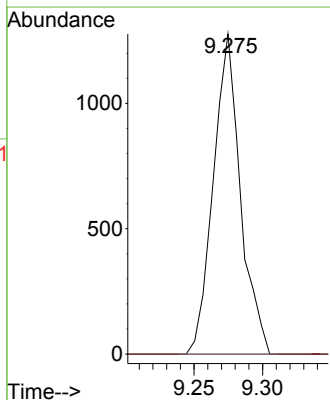
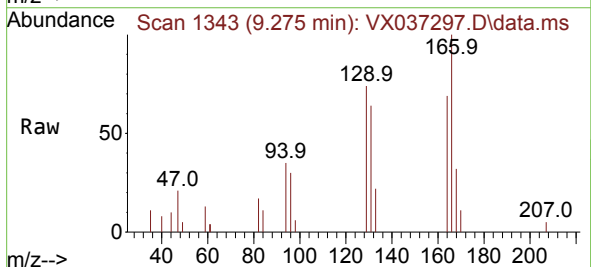


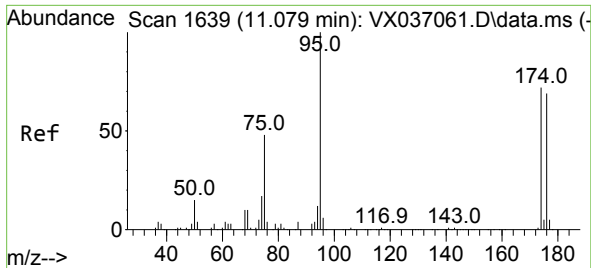
Tgt Ion: 92 Resp: 990
Ion Ratio Lower Upper
92 100
91 172.5 134.2 201.2



#60
Dibromochloromethane
Concen: 0.957 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Tgt Ion: 129 Resp: 1755
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

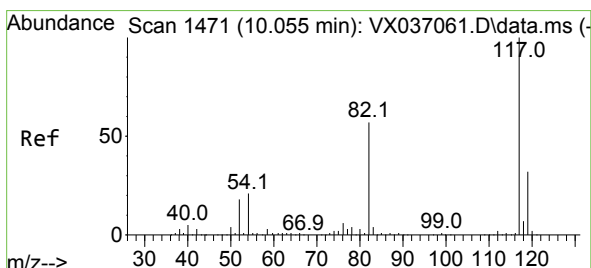
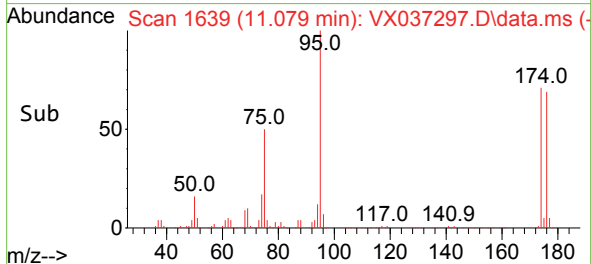
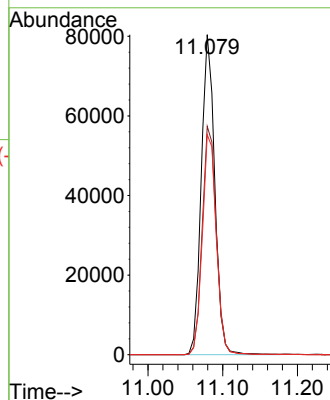
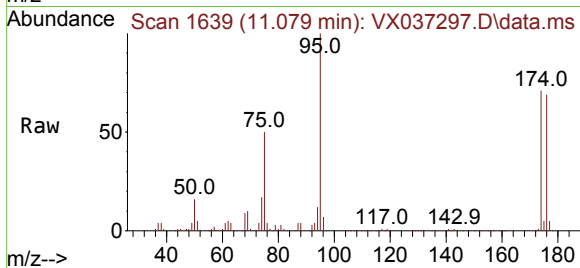




#62
4-Bromofluorobenzene
Concen: 44.957 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

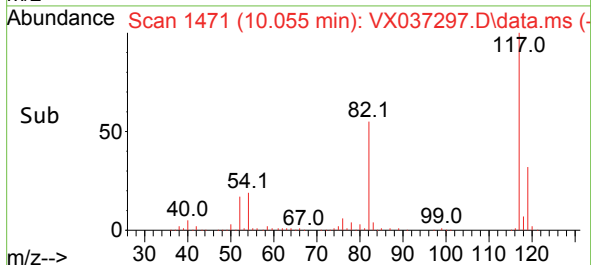
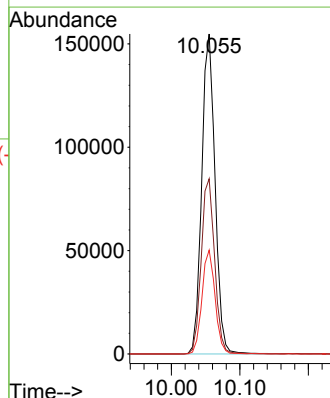
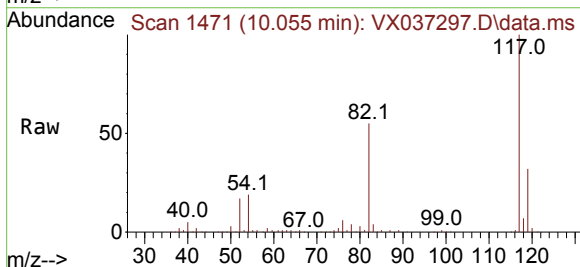
Instrument :
MSVOA_X
ClientSampleId :

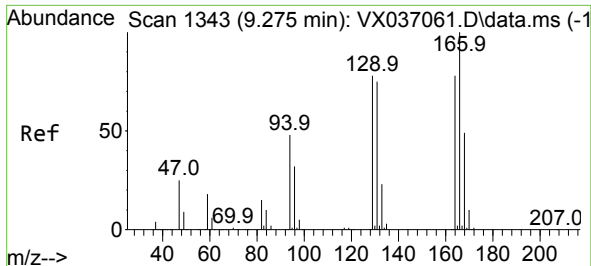
Tgt Ion: 95 Resp: 100677
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 71.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

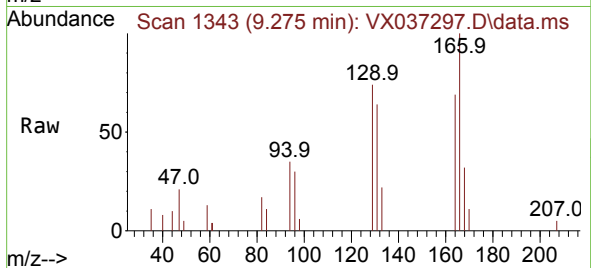
Tgt Ion: 117 Resp: 209593
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 32.5 25.5 38.3



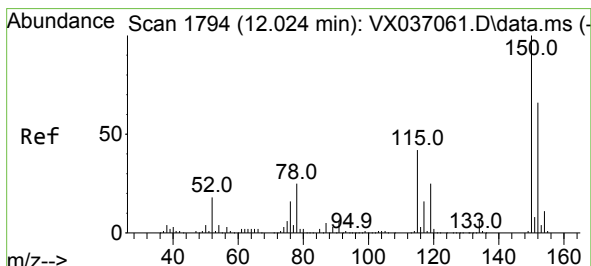
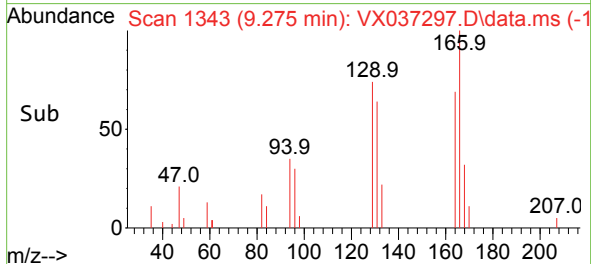
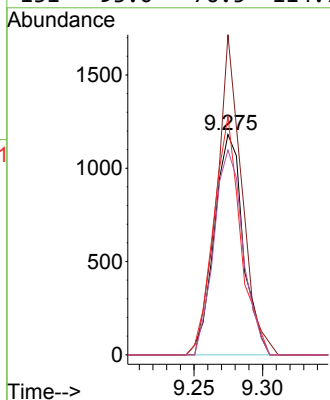


#64
Tetrachloroethene
Concen: 1.131 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :

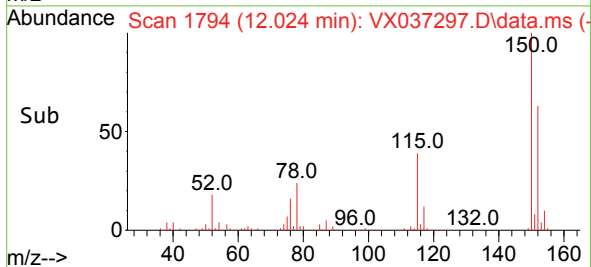
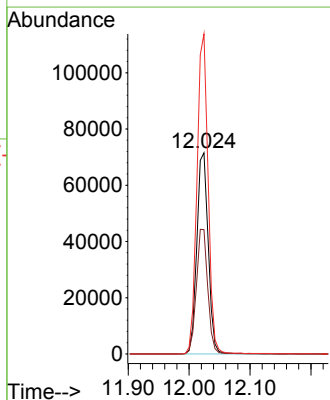
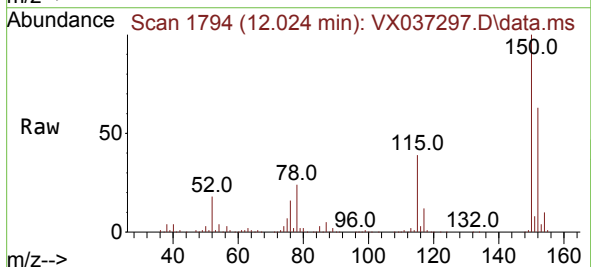


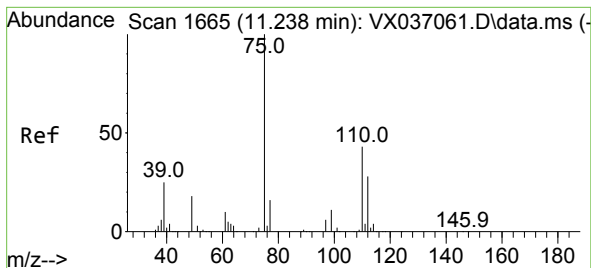
Tgt Ion:164 Resp: 1730
Ion Ratio Lower Upper
164 100
166 145.3 102.7 154.1
129 108.1 80.4 120.6
131 93.0 76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Tgt Ion:152 Resp: 92959
Ion Ratio Lower Upper
152 100
115 62.0 43.3 129.9
150 155.4 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.469 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037297.D

Acq: 28 Aug 2023 16:12

Instrument :

MSVOA_X

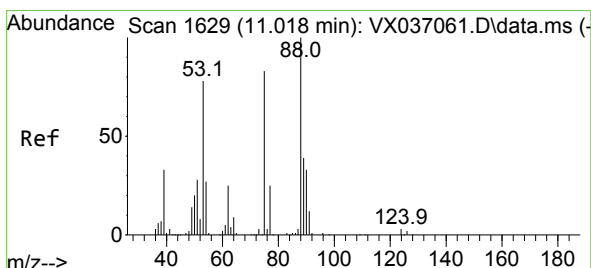
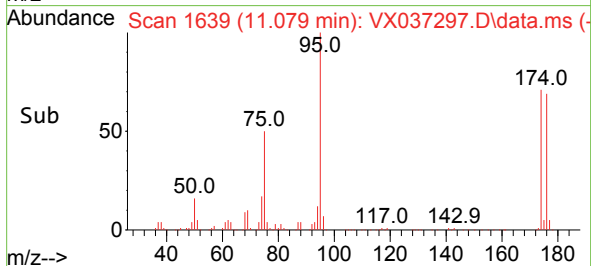
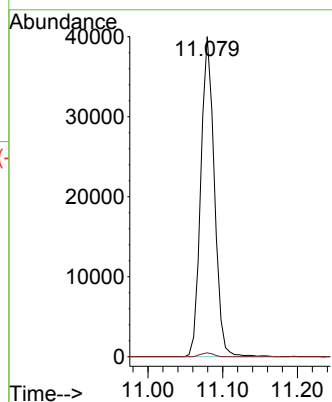
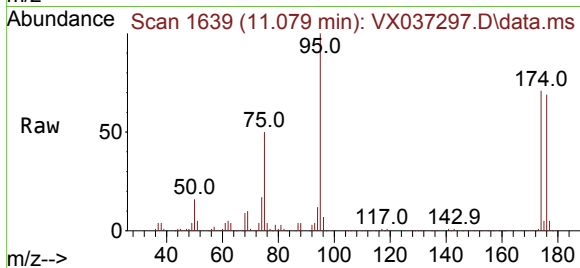
ClientSampleId :

Tgt Ion: 75 Resp: 50422

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.137 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037297.D

Acq: 28 Aug 2023 16:12

Tgt Ion: 75 Resp: 50422

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

