

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 :
 RE123D3-20230819

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)

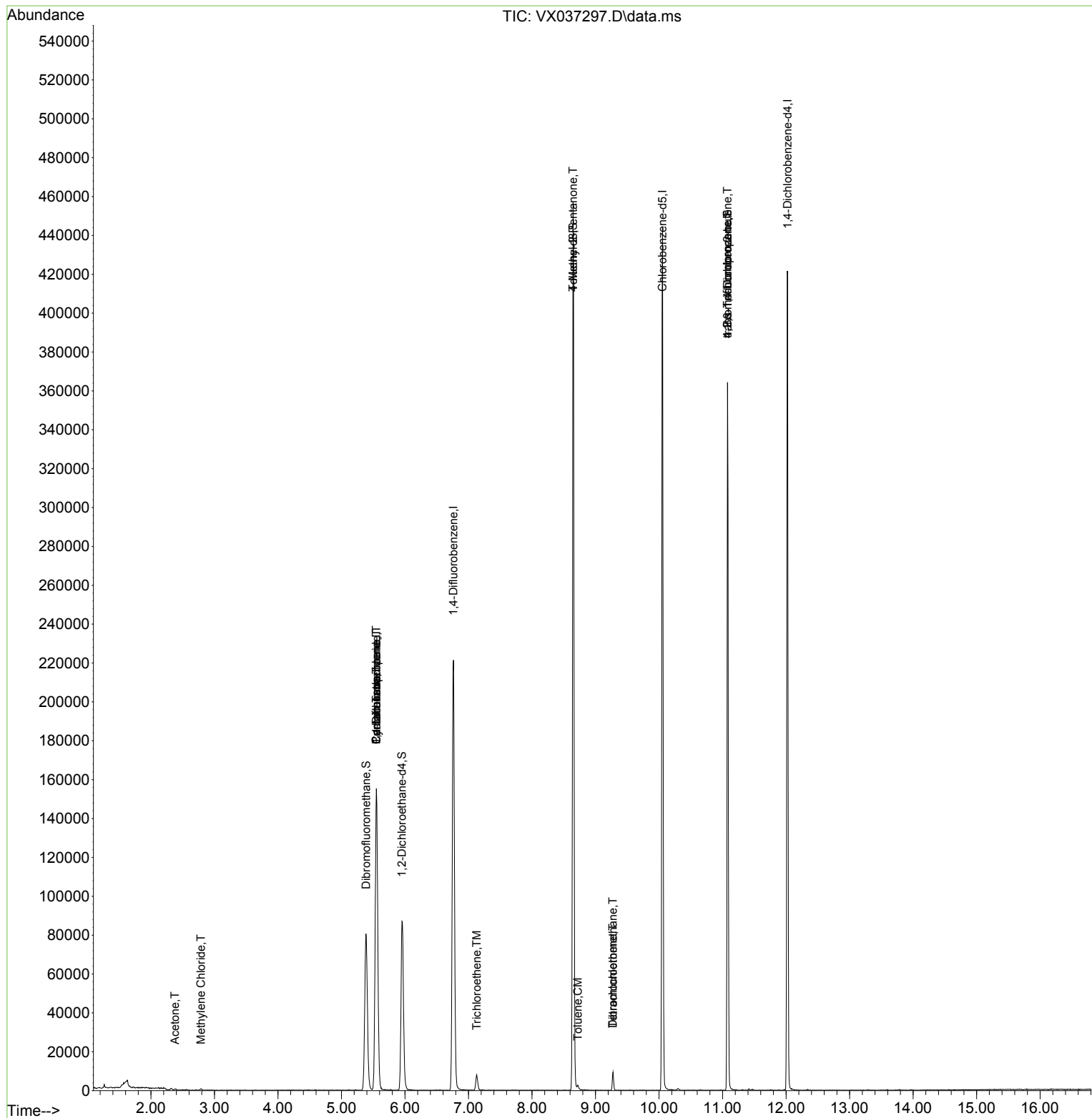
Internal Standards						
1) Pentafluorobenzene	5.550	168	143709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	237204	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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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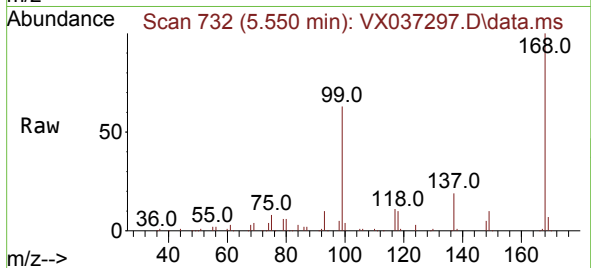
Quant Time: Aug 29 00:59:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



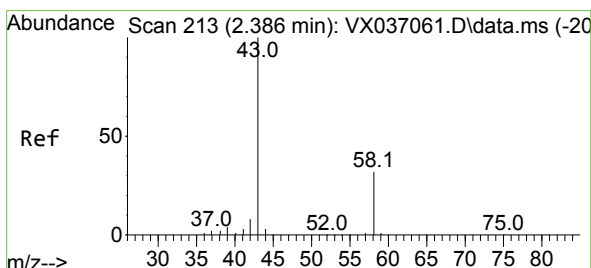
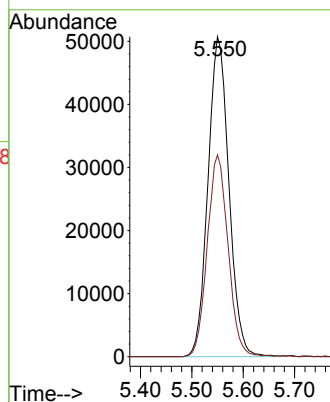
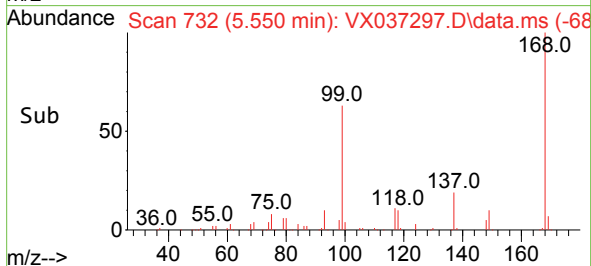


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20230819

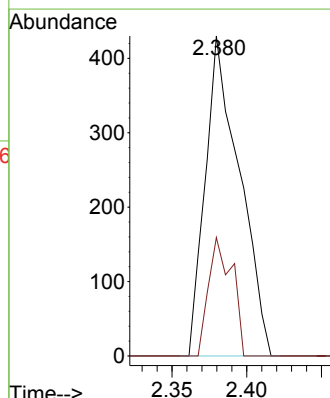
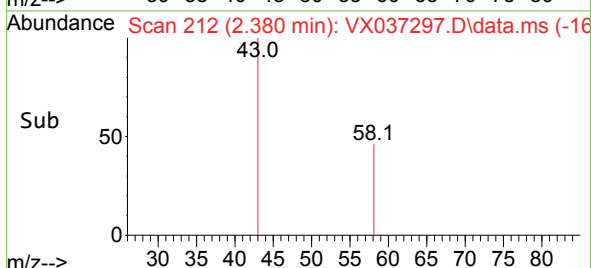
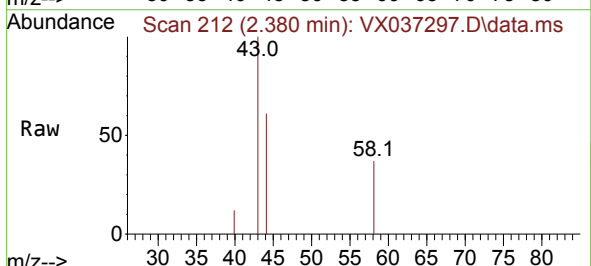


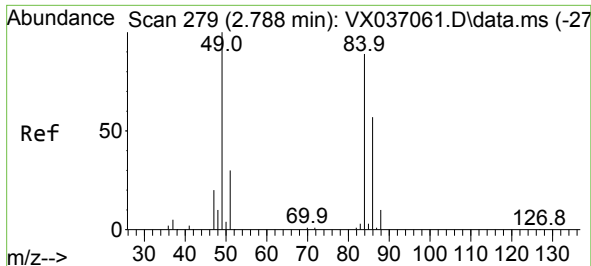
Tgt Ion:168 Resp: 143709
Ion Ratio Lower Upper
168 100
99 63.1 56.6 85.0



#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#

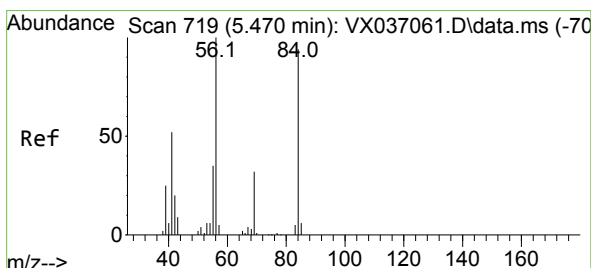
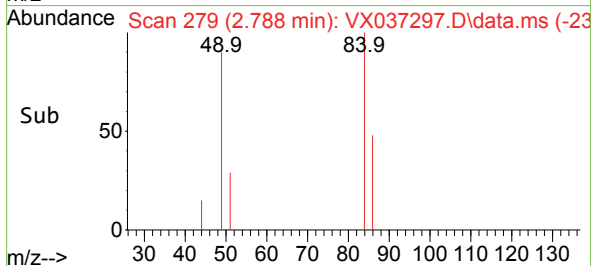
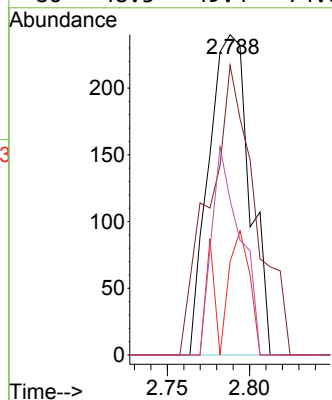
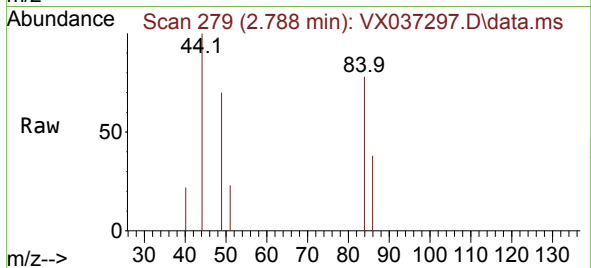




#20
Methylene Chloride
Concen: 0.230 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

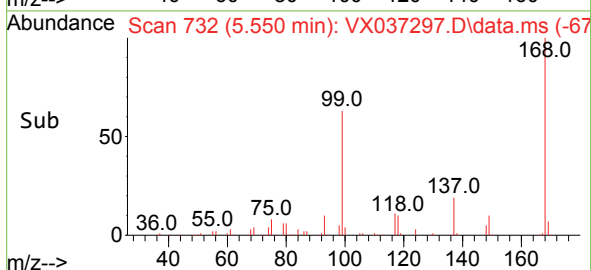
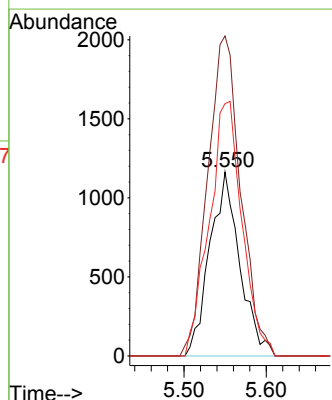
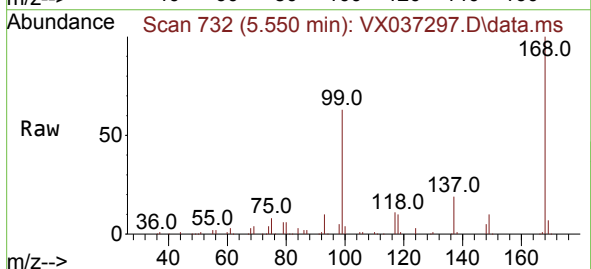
Instrument :
MSVOA_X
ClientSampleId :
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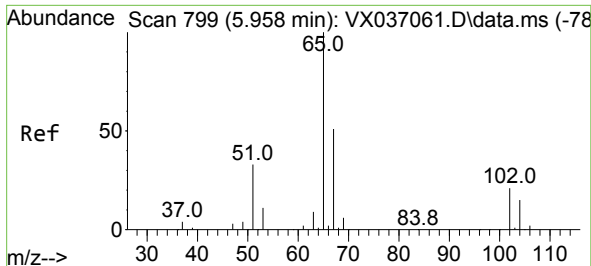
Tgt Ion:	84	Resp:	417
Ion	Ratio	Lower	Upper
84	100		
49	90.4	103.6	155.4#
51	29.2	33.8	50.6#
86	48.3	49.4	74.0#



#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#

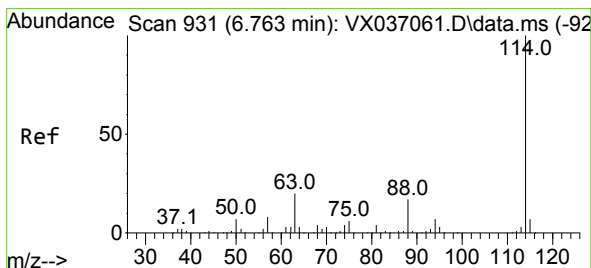
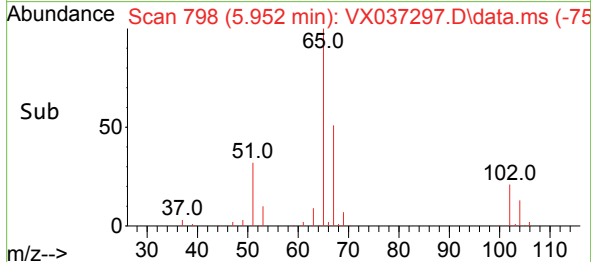
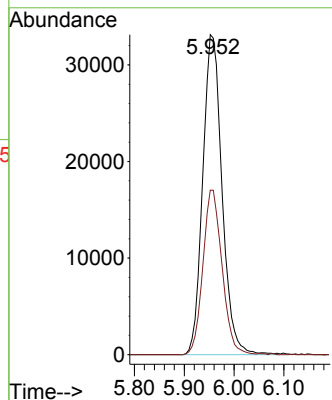
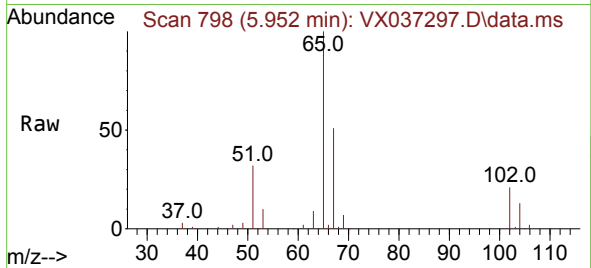




#33
1,2-Dichloroethane-d4
Concen: 43.039 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

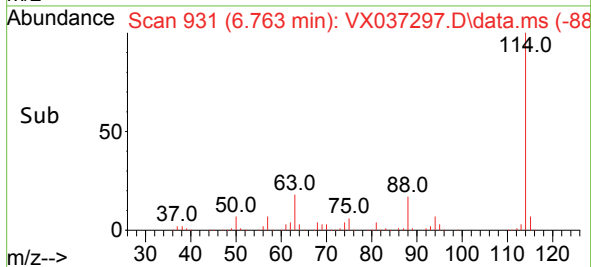
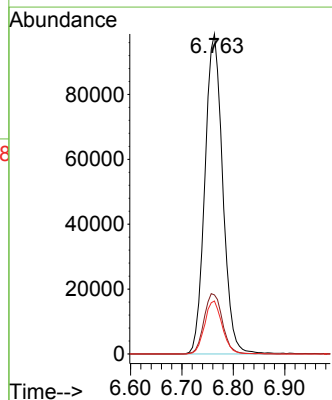
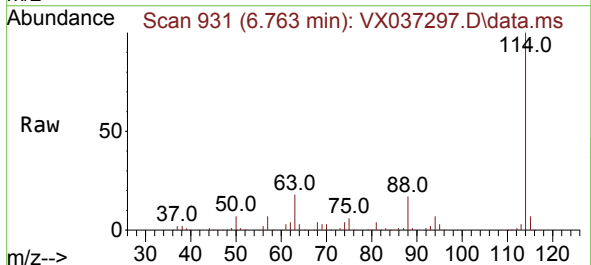
Instrument :
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RE123D3-20230819

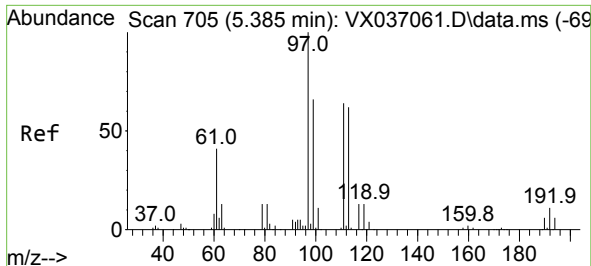
Tgt Ion: 65 Resp: 89170
Ion Ratio Lower Upper
65 100
67 50.9 0.0 100.2



#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

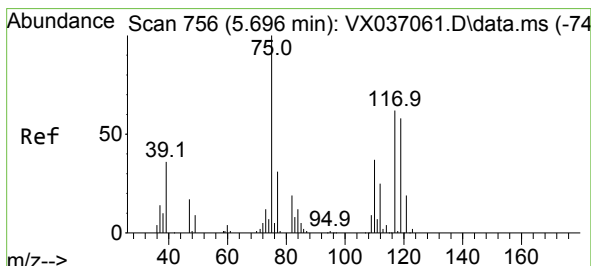
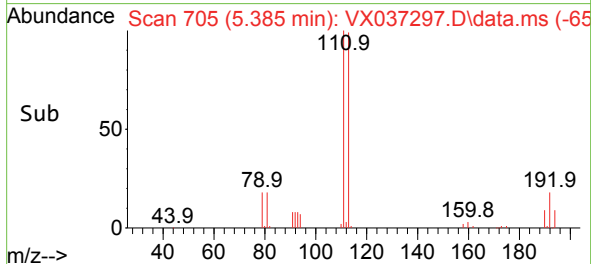
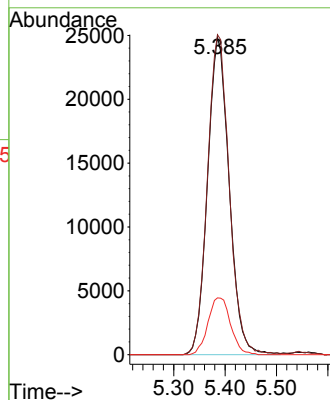
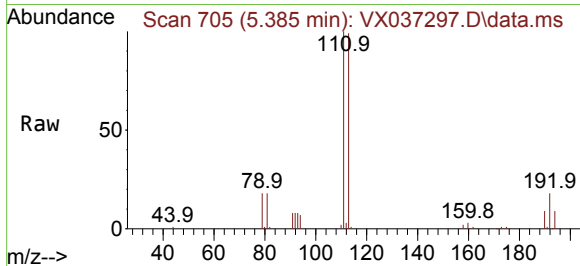




#35
Dibromofluoromethane
Concen: 46.081 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

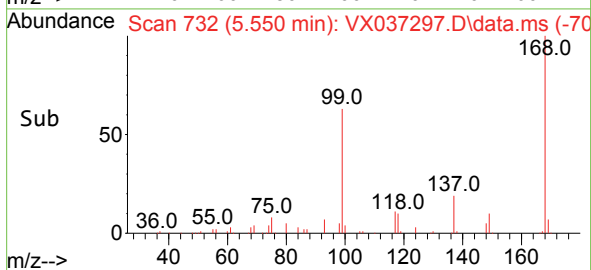
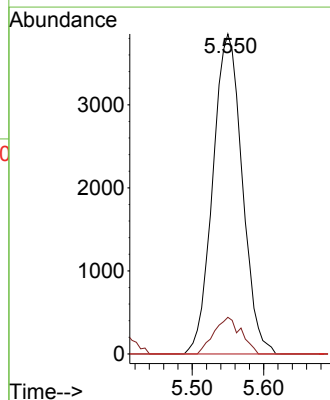
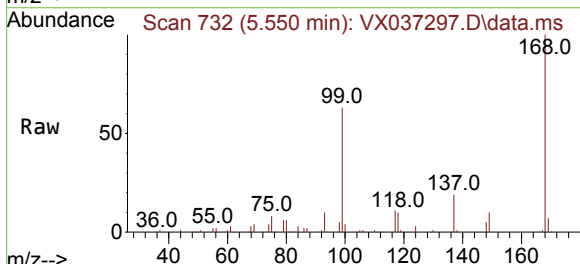
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20230819

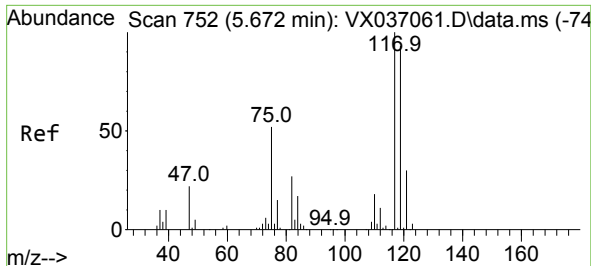
Tgt Ion:	113	Resp:	72391
Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.9	124.3
192	18.7	13.3	19.9



#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

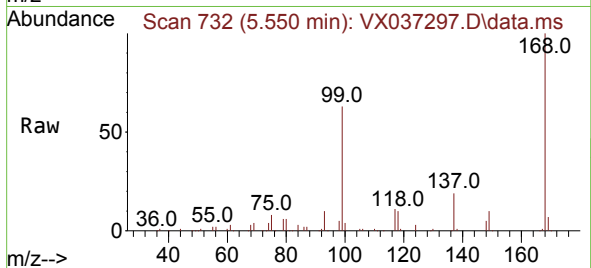
Tgt Ion:	75	Resp:	10995
Ion	Ratio	Lower	Upper
75	100		
110	10.6	17.0	50.9#
77	0.0	24.7	37.1#



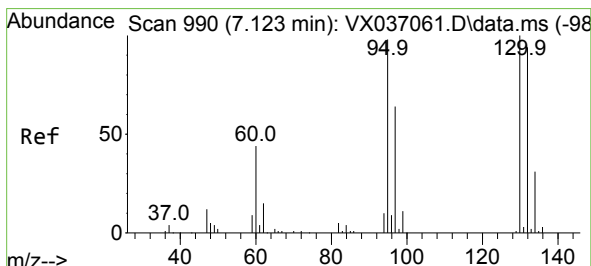
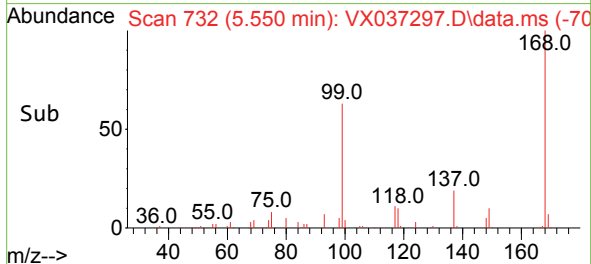
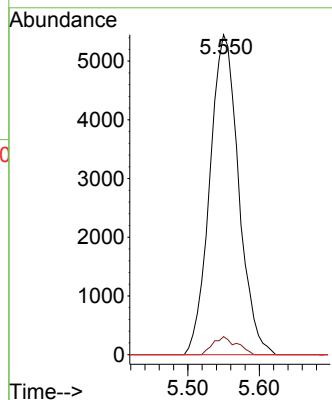


#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20230819

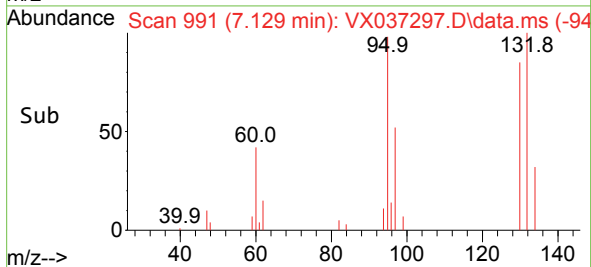
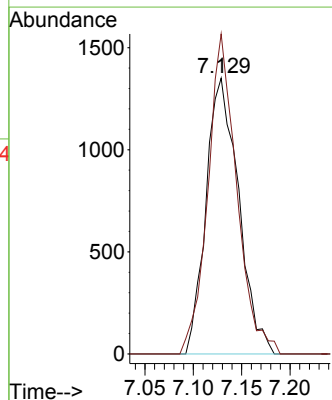
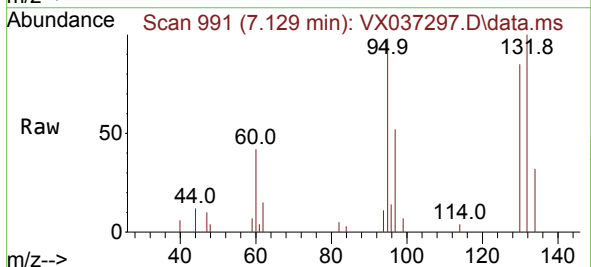


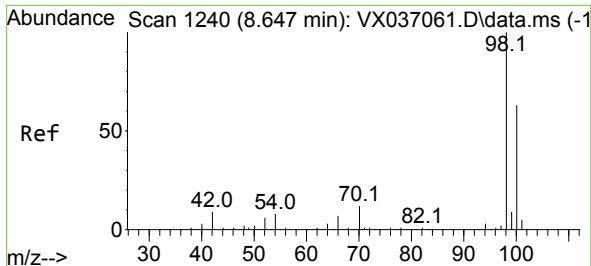
Tgt Ion:117 Resp: 15301
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#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

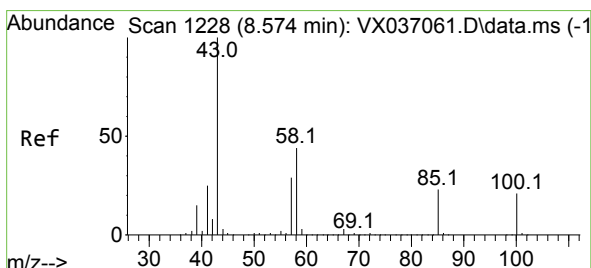
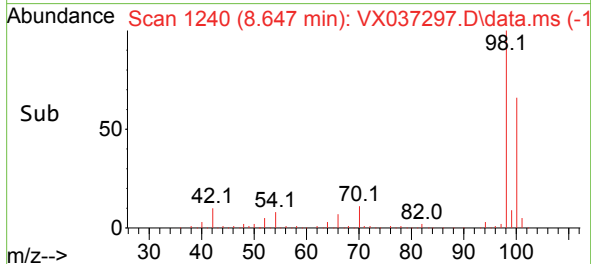
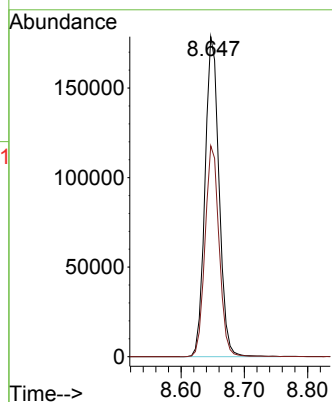
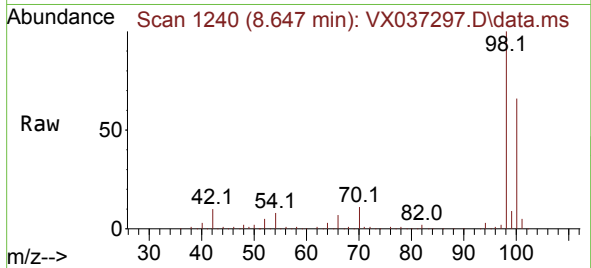




#50
Toluene-d8
Concen: 48.412 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

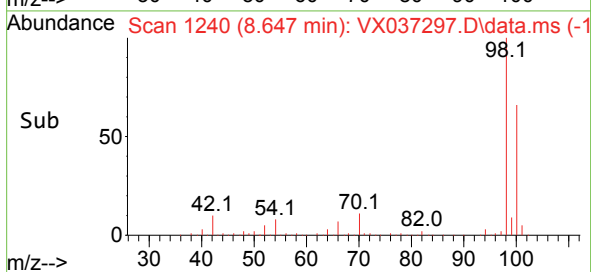
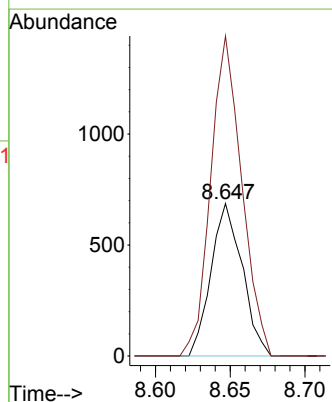
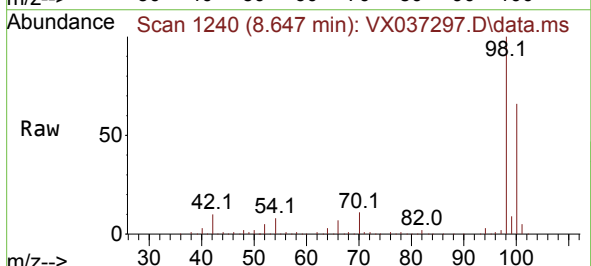
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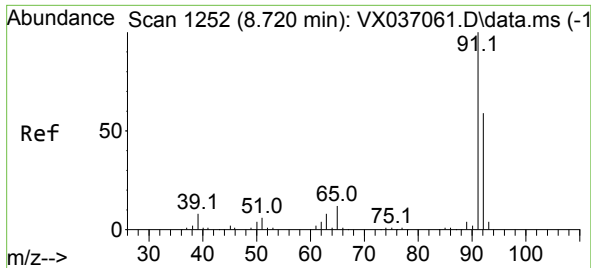
Tgt Ion: 98 Resp: 275874
Ion Ratio Lower Upper
98 100
100 66.2 53.1 79.7



#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#

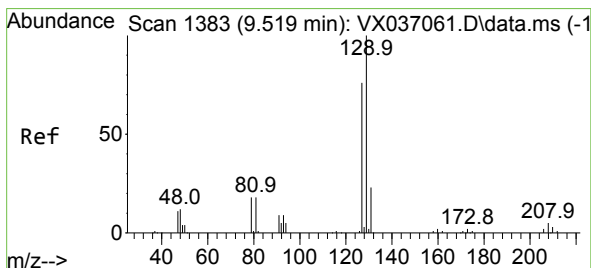
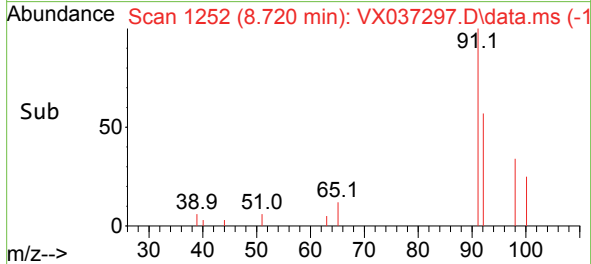
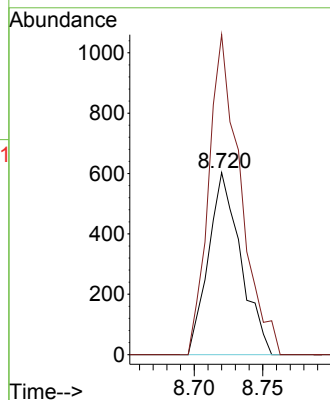
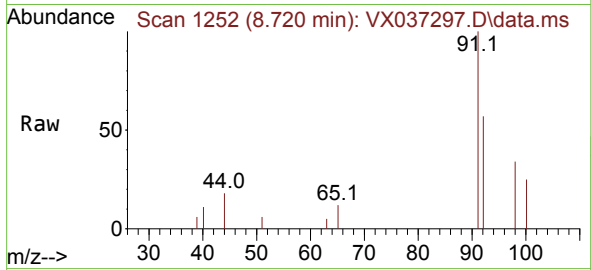




#52
Toluene
Concen: 0.234 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

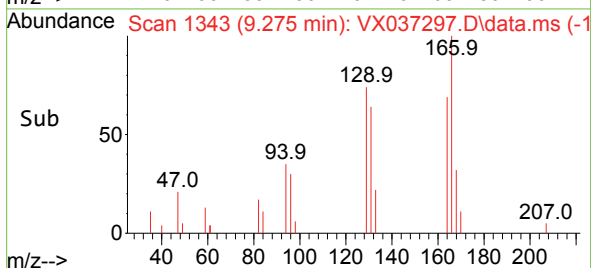
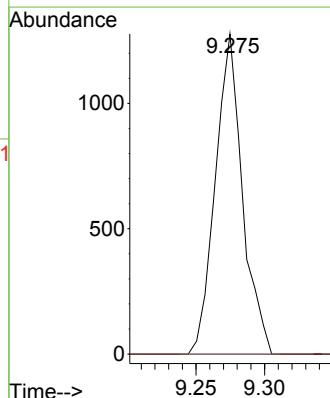
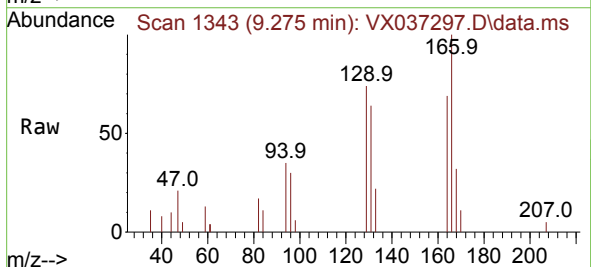
Instrument :
MSVOA_X
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RE123D3-20230819

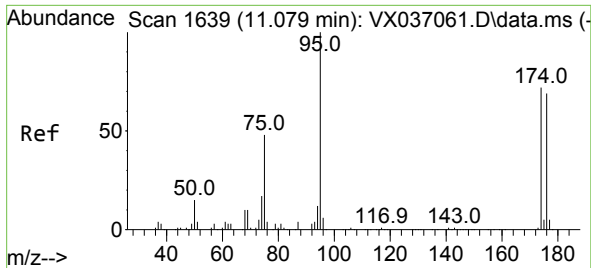
Tgt Ion: 92 Resp: 990
Ion Ratio Lower Upper
92 100
91 172.5 134.2 201.2



#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#

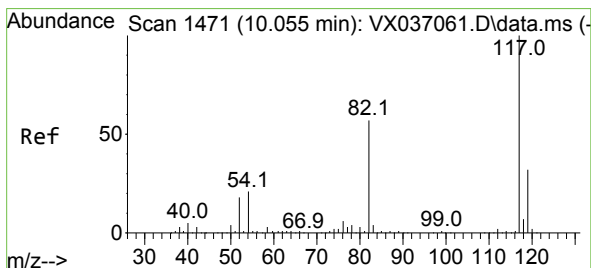
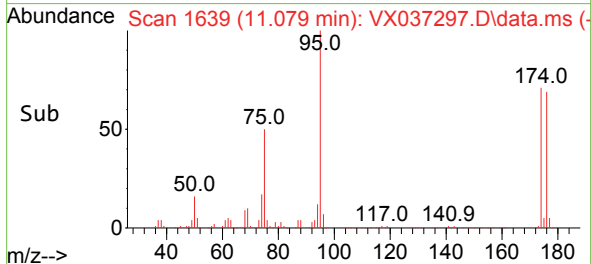
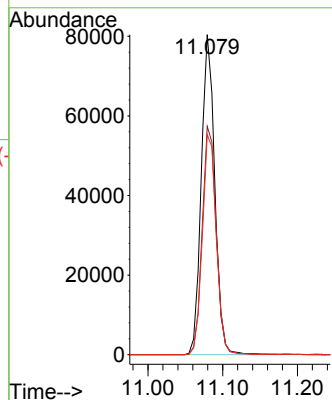
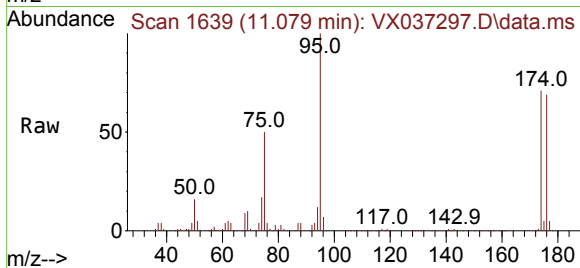




#62
4-Bromofluorobenzene
Concen: 44.957 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

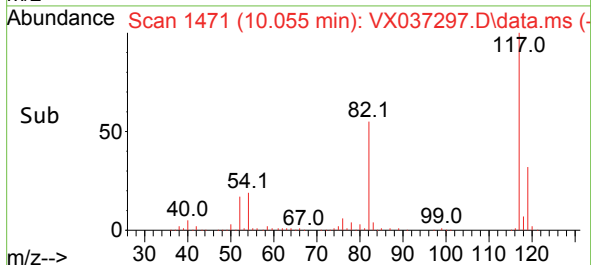
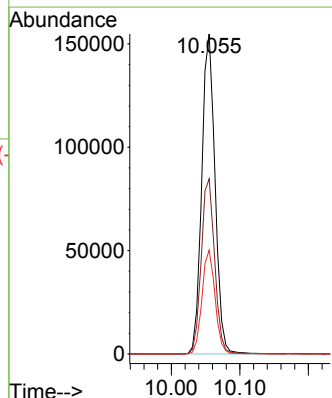
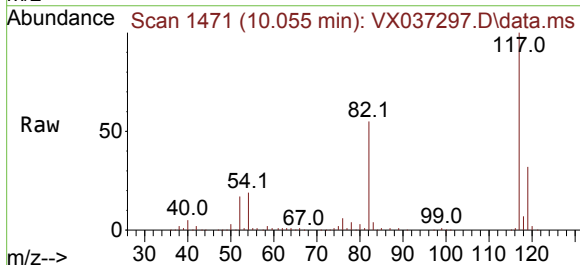
Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20230819

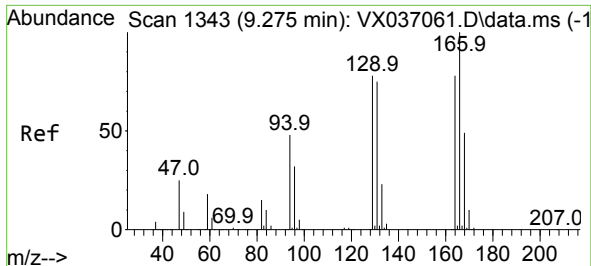
Tgt Ion: 95 Resp: 100677
Ion Ratio Lower Upper
95 100
174 74.4 0.0 135.6
176 71.1 0.0 131.0



#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



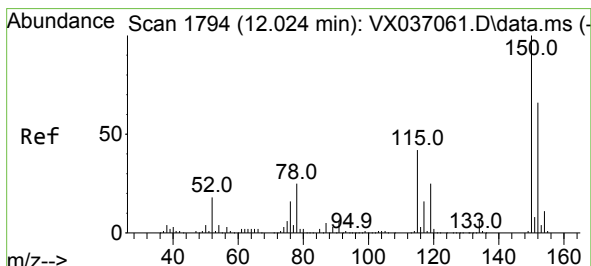
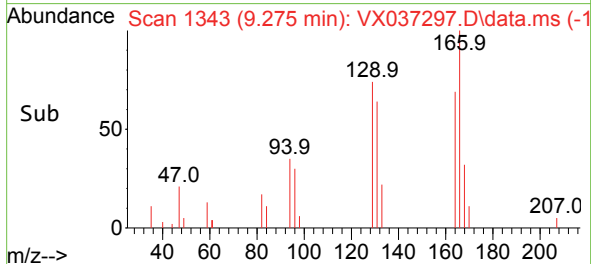
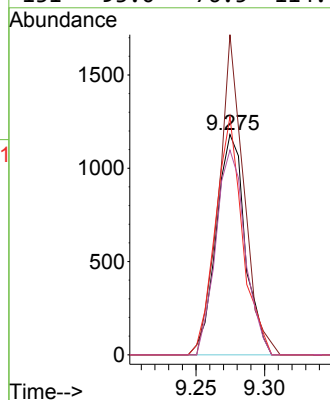
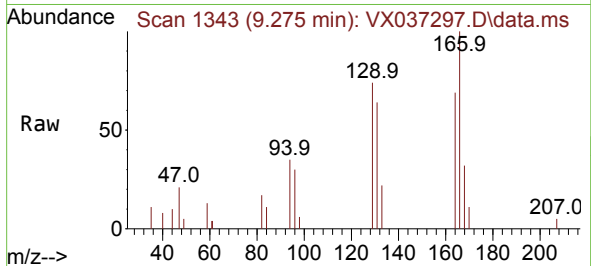


#64
Tetrachloroethene
Concen: 1.131 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :
RE123D3-20230819

Tgt Ion:164 Resp: 1730

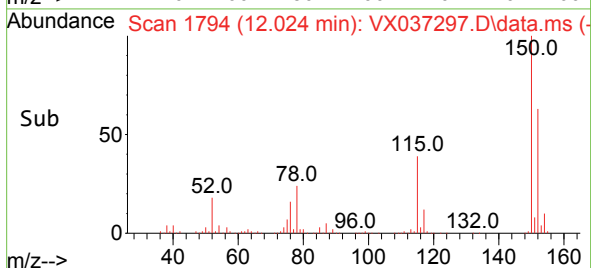
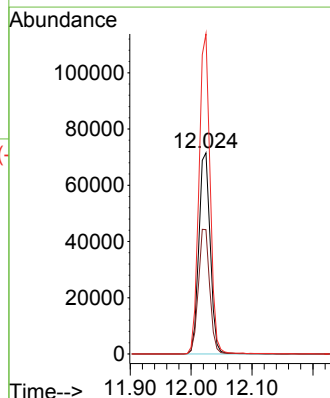
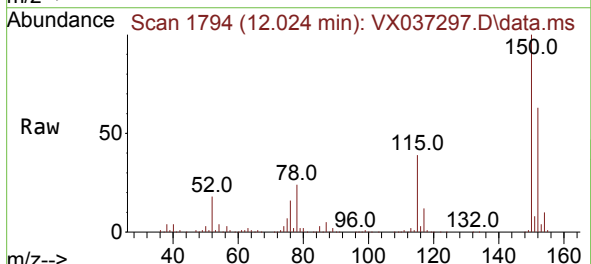
Ion	Ratio	Lower	Upper
164	100		
166	145.3	102.7	154.1
129	108.1	80.4	120.6
131	93.0	76.5	114.7

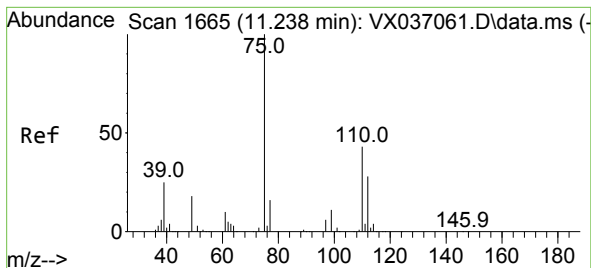


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037297.D
Acq: 28 Aug 2023 16:12

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 :

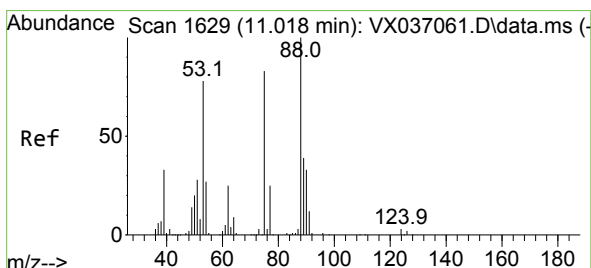
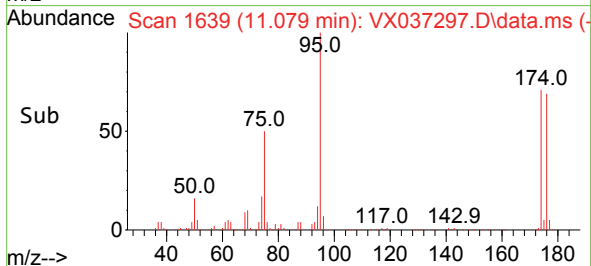
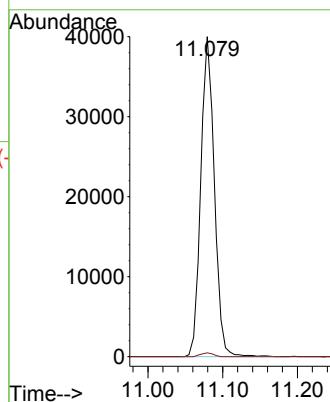
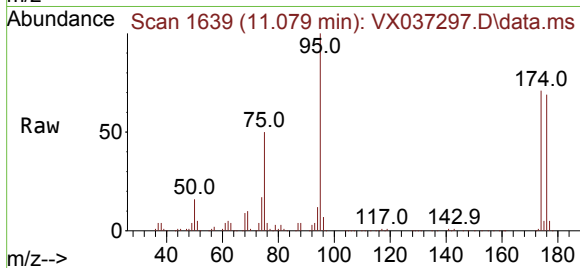
RE123D3-20230819

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#

