

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037444.D
 Acq On : 31 Aug 2023 20:44
 Operator : JC/MD
 Sample : 04251-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-02B-20.3-083023

Quant Time: Sep 01 03:17:22 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)

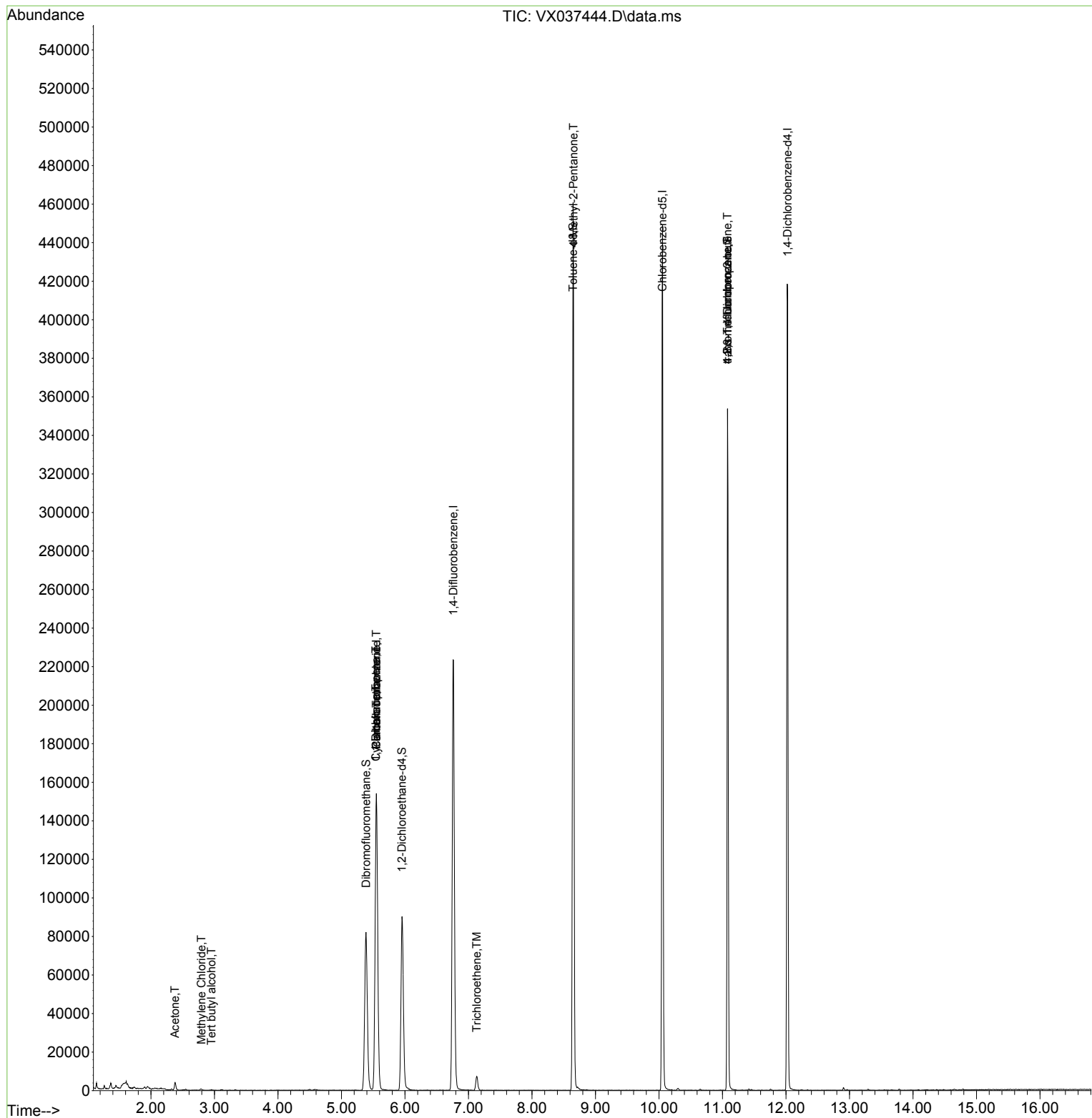
Internal Standards						
1) Pentafluorobenzene	5.550	168	145285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	240771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89225	42.599	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.200%		
35) Dibromofluoromethane	5.385	113	73142	45.869	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.740%		
50) Toluene-d8	8.647	98	280001	48.409	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.820%		
62) 4-Bromofluorobenzene	11.079	95	99615	43.824	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.640%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.953	59	177	0.360	ug/l #	78
16) Acetone	2.380	43	4200	5.126	ug/l #	84
20) Methylene Chloride	2.794	84	458	0.250	ug/l #	48
31) Cyclohexane	5.544	56	2723	1.156	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	10924	4.822	ug/l #	52
38) Carbon Tetrachloride	5.550	117	15209	6.180	ug/l #	16
44) Trichloroethene	7.129	130	3247	1.762	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	926	0.415	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49094	25.349	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49094	70.801	ug/l #	5

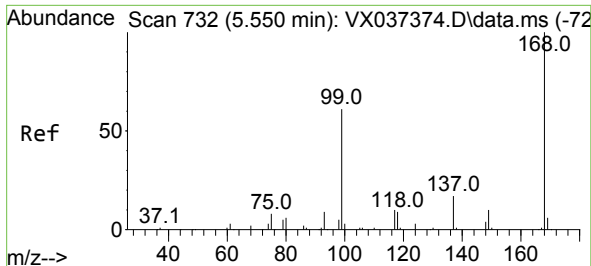
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
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OW-02B-20.3-083023

Quant Time: Sep 01 03:17:22 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

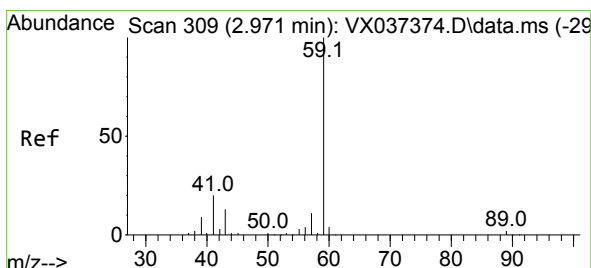
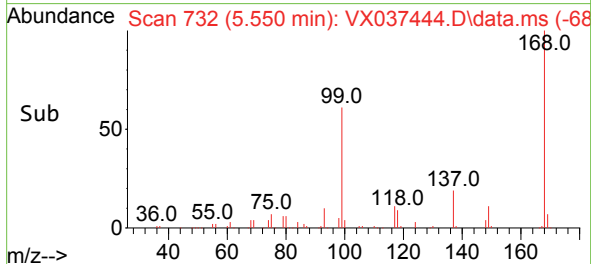
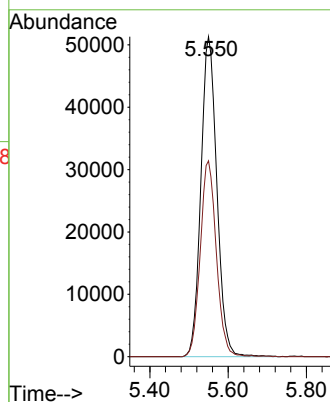
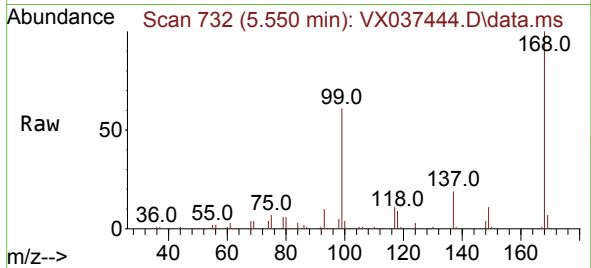




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

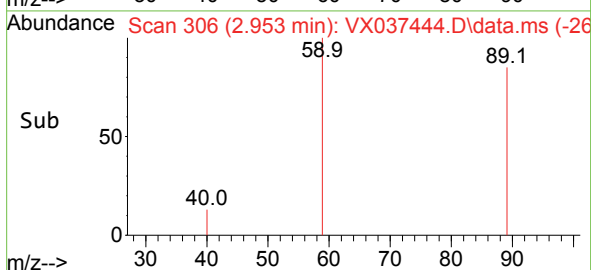
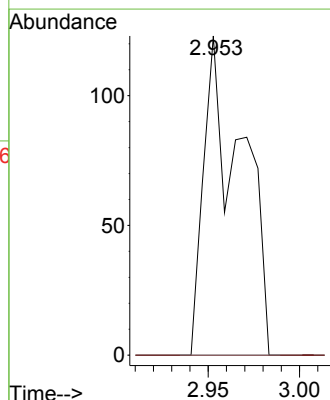
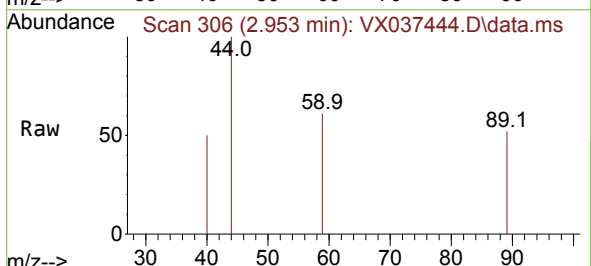
Instrument :
MSVOA_X
ClientSampleId :
OW-02B-20.3-083023

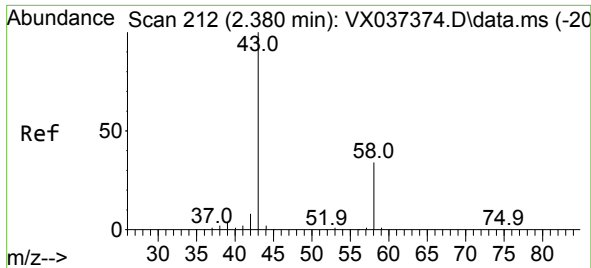
Tgt Ion:168 Resp: 145285
Ion Ratio Lower Upper
168 100
99 61.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.360 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

Tgt Ion: 59 Resp: 177
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

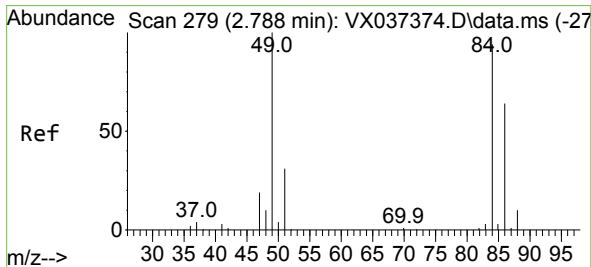
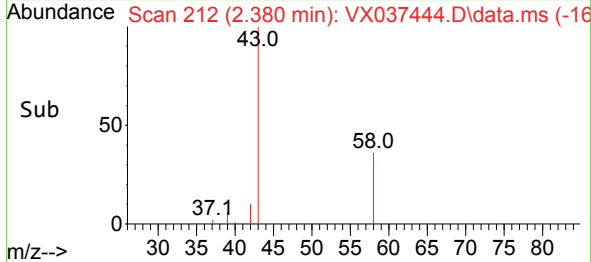
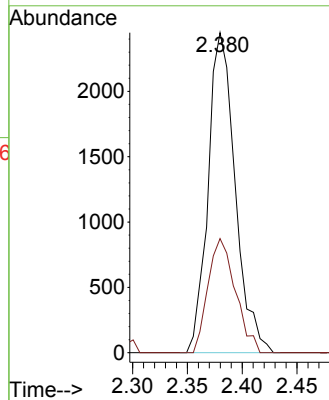
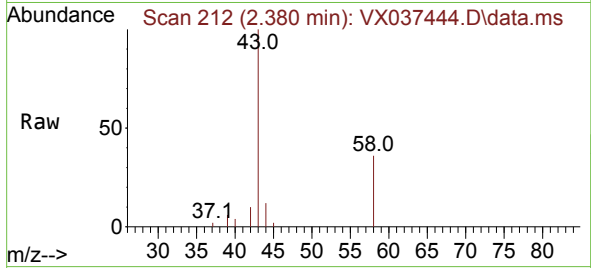




#16
Acetone
Concen: 5.126 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

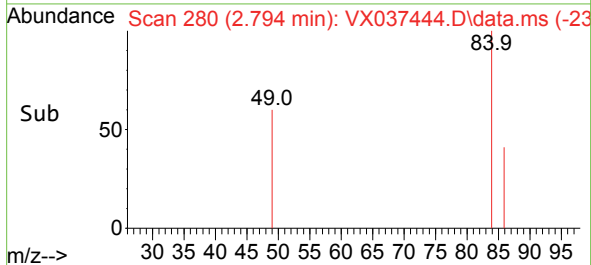
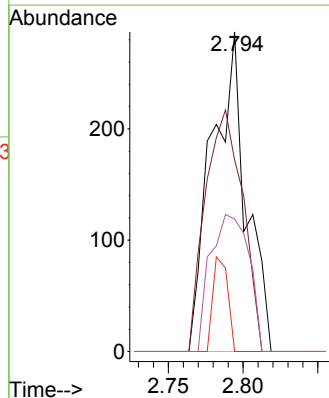
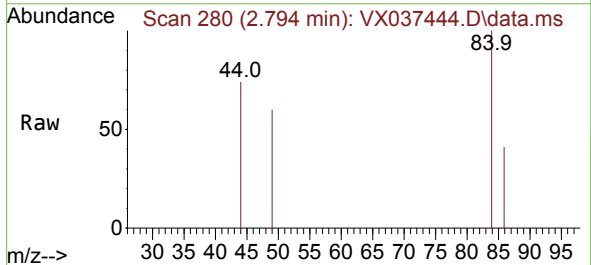
Instrument :
MSVOA_X
ClientSampleId :
OW-02B-20.3-083023

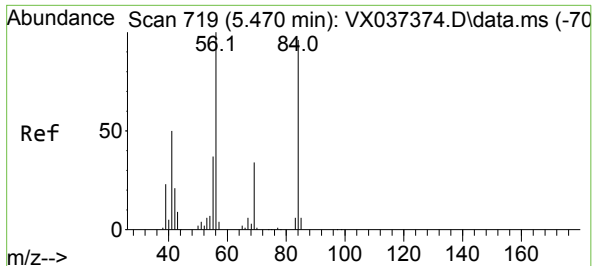
Tgt Ion: 43 Resp: 4200
Ion Ratio Lower Upper
43 100
58 35.6 21.9 32.9#



#20
Methylene Chloride
Concen: 0.250 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

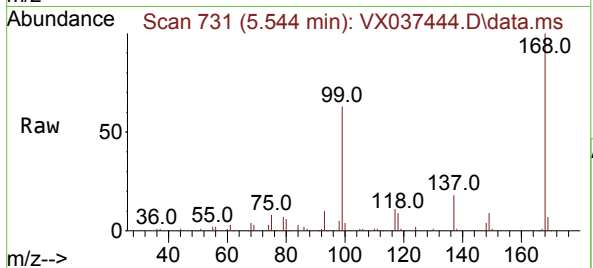
Tgt Ion: 84 Resp: 458
Ion Ratio Lower Upper
84 100
49 59.9 103.6 155.4#
51 0.0 33.8 50.6#
86 41.5 49.4 74.0#



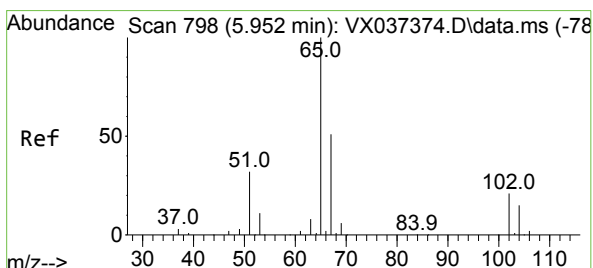
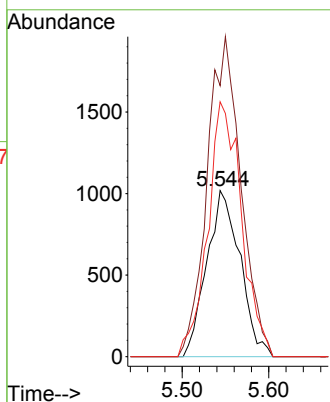
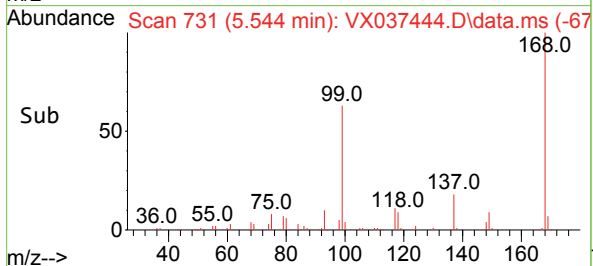


#31
Cyclohexane
Concen: 1.156 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

Instrument :
MSVOA_X
ClientSampleId :
OW-02B-20.3-083023

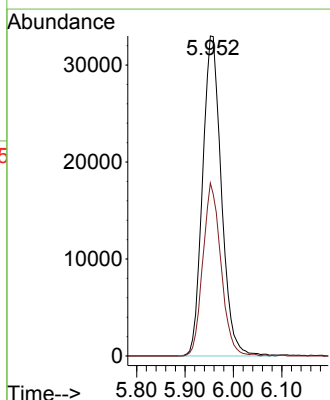
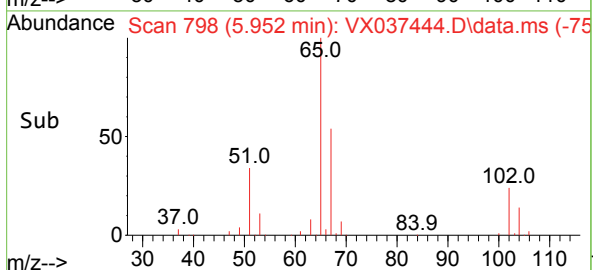
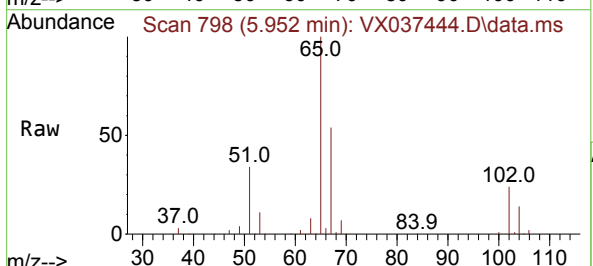


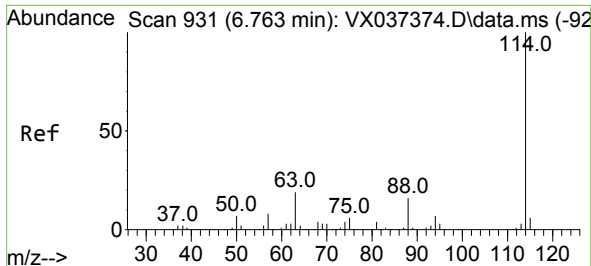
Tgt Ion: 56 Resp: 2723
Ion Ratio Lower Upper
56 100
69 163.3 23.4 35.2#
84 153.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.599 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

Tgt Ion: 65 Resp: 89225
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

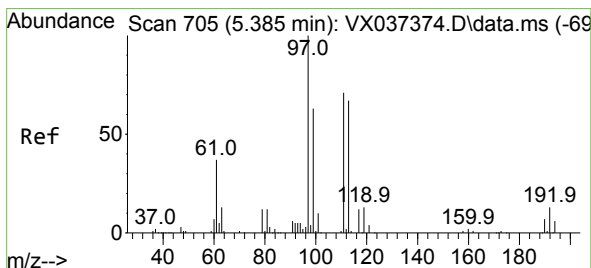
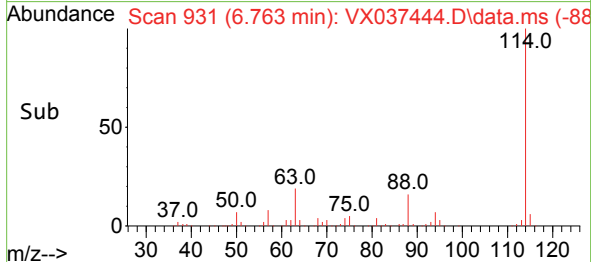
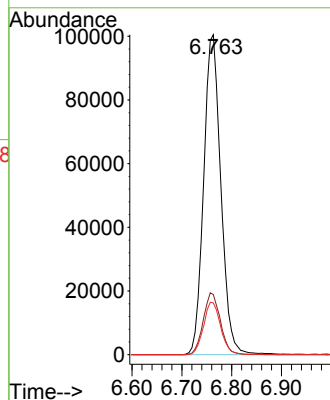
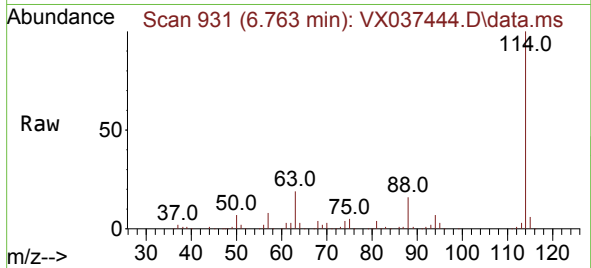




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

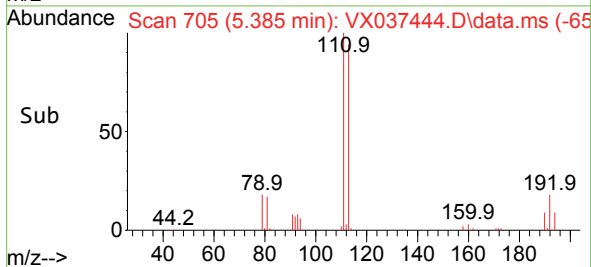
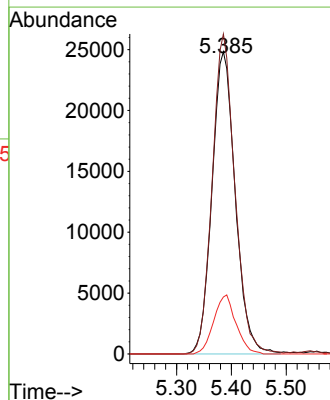
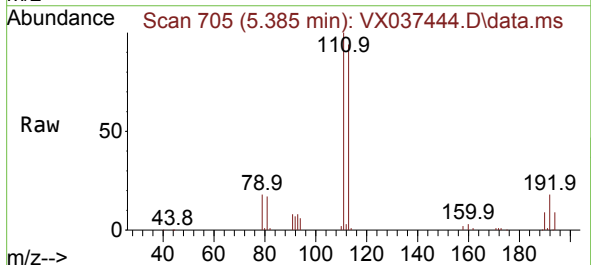
Instrument :
MSVOA_X
ClientSampleId :
OW-02B-20.3-083023

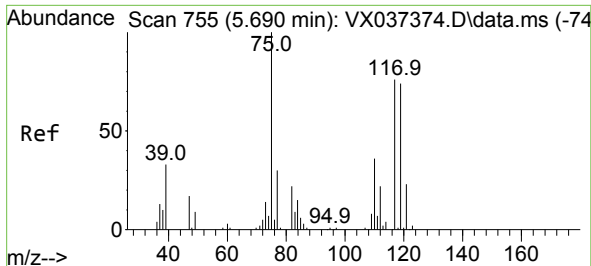
Tgt Ion:114 Resp: 240771
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.869 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

Tgt Ion:113 Resp: 73142
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 18.7 13.3 19.9

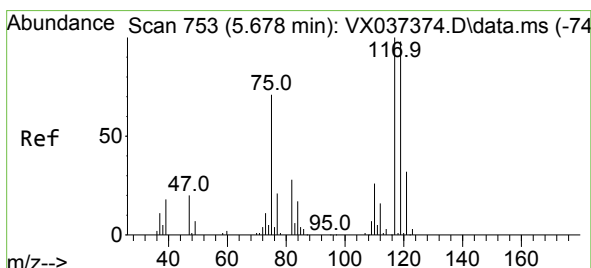
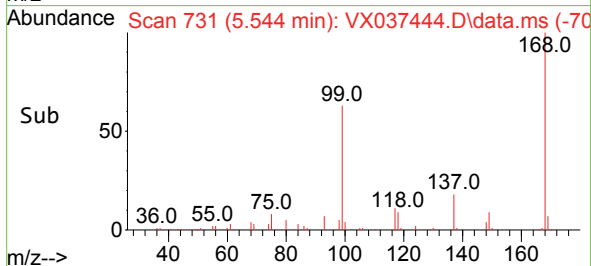
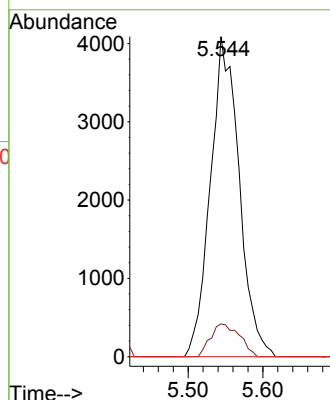
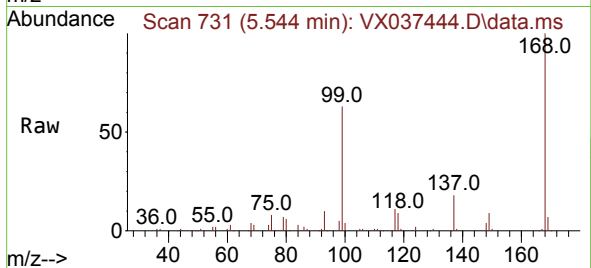




#36
1,1-Dichloropropene
Concen: 4.822 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.152 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

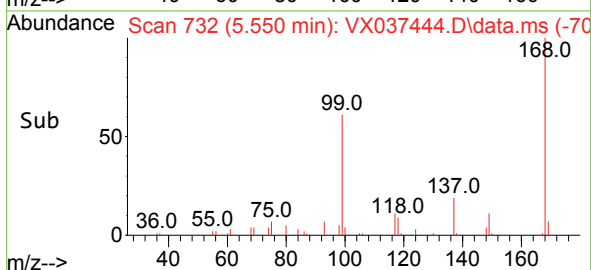
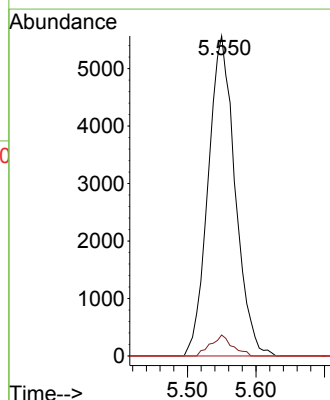
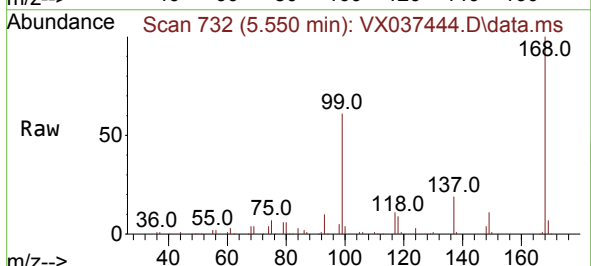
Instrument :
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ClientSampleId :
OW-02B-20.3-083023

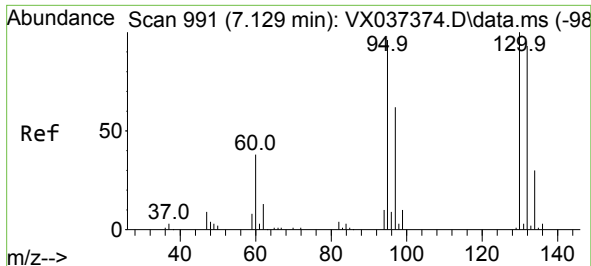
Tgt Ion: 75 Resp: 10924
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

Tgt Ion: 117 Resp: 15209
Ion Ratio Lower Upper
117 100
119 6.6 78.2 117.2#
121 0.0 24.4 36.6#

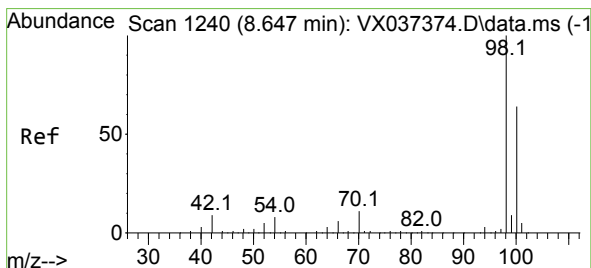
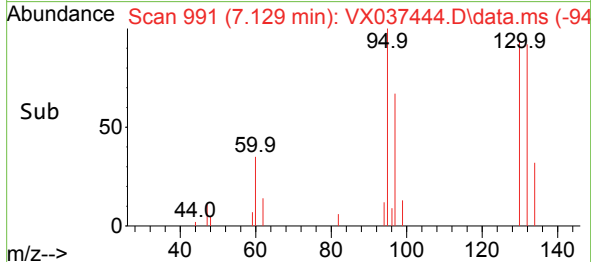
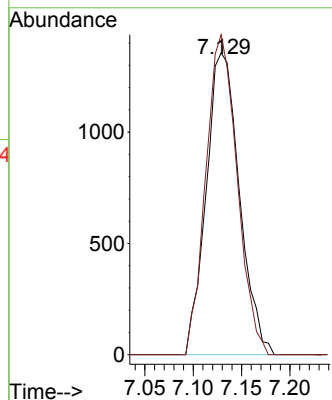
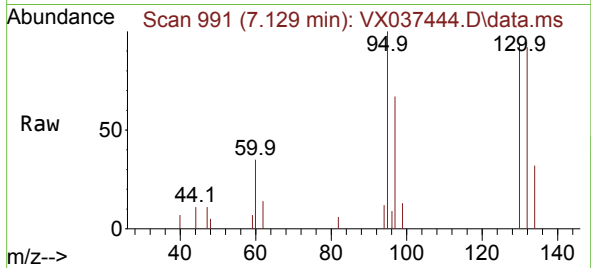




#44
Trichloroethene
Concen: 1.762 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

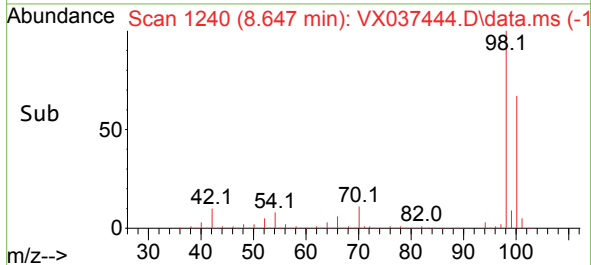
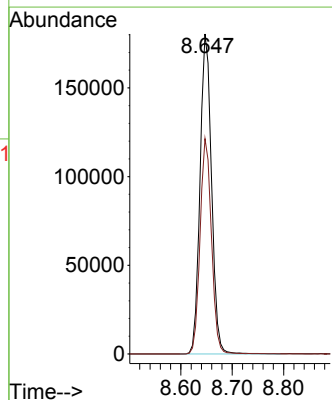
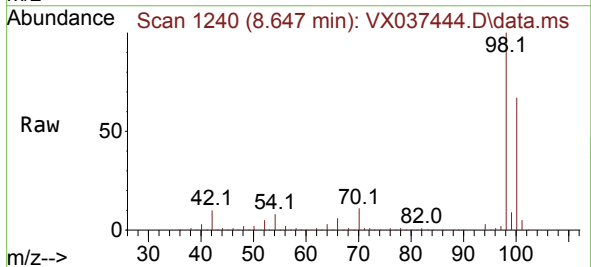
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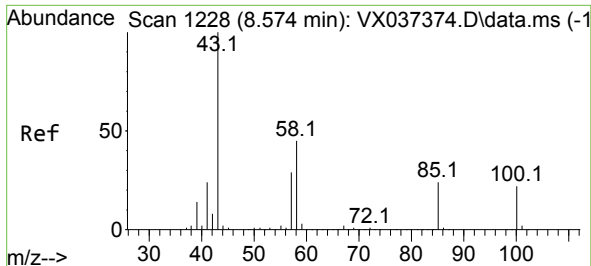
Tgt Ion:130 Resp: 3247
Ion Ratio Lower Upper
130 100
95 106.0 0.0 204.4



#50
Toluene-d8
Concen: 48.409 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

Tgt Ion: 98 Resp: 280001
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7

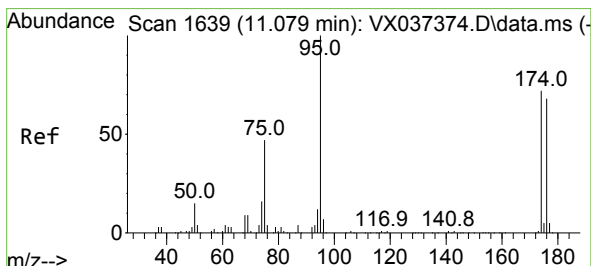
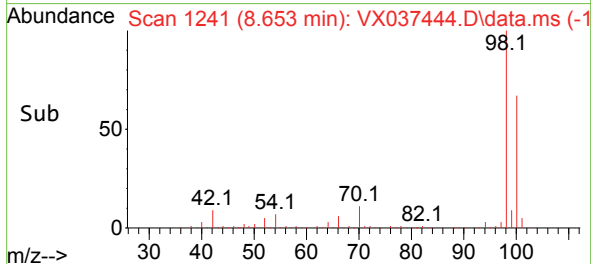
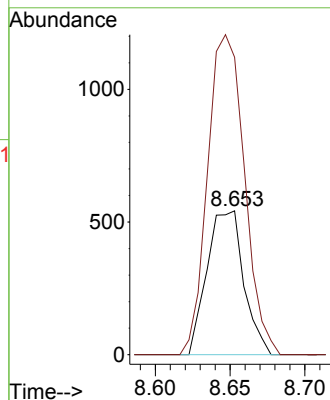
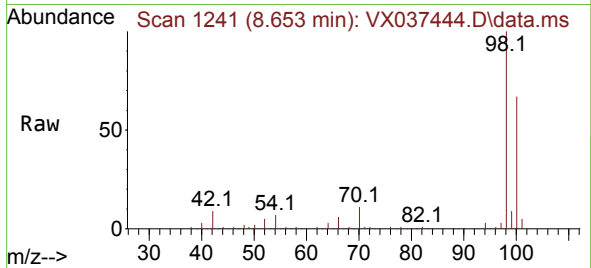




#51
4-Methyl-2-Pentanone
Concen: 0.415 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

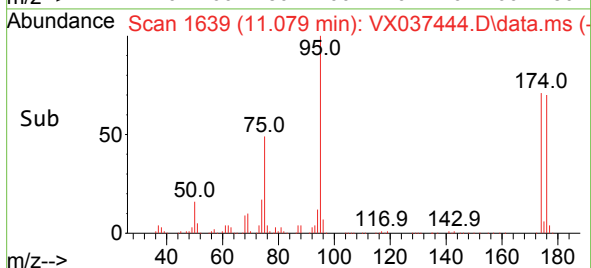
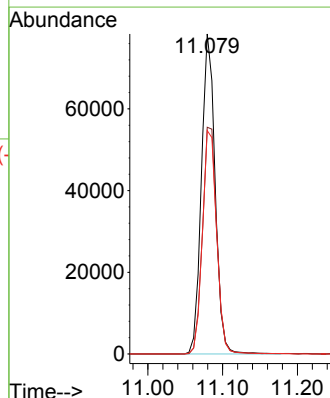
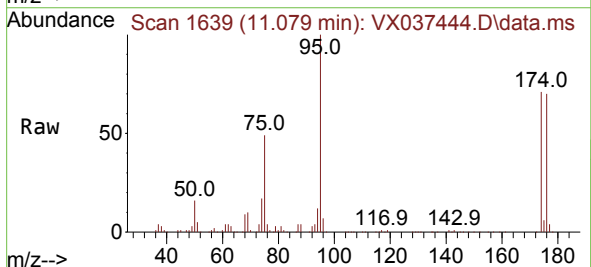
Instrument :
MSVOA_X
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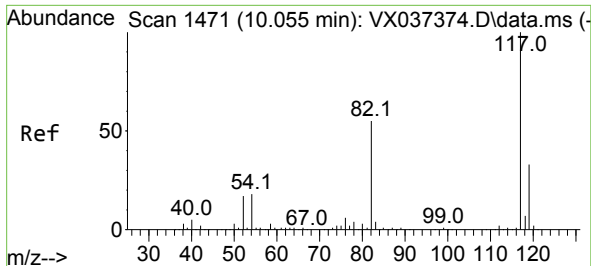
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 223.7 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.824 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

Tgt Ion: 95 Resp: 99615
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 72.6 0.0 131.0

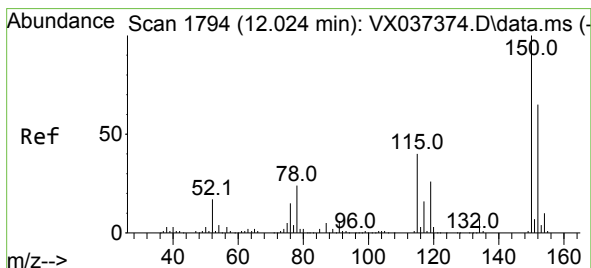
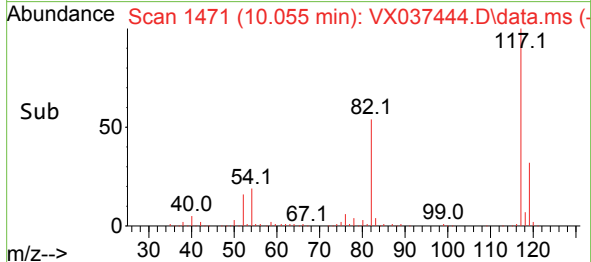
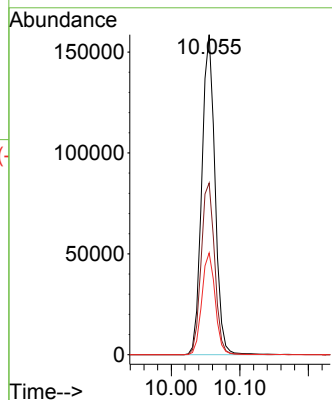
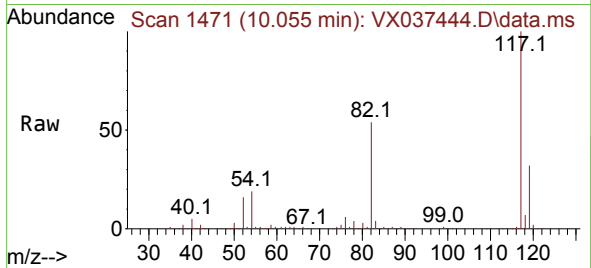




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

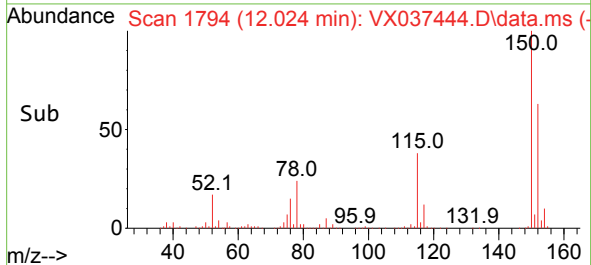
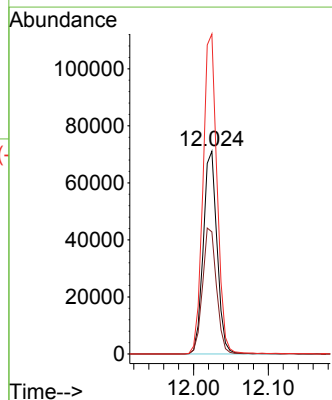
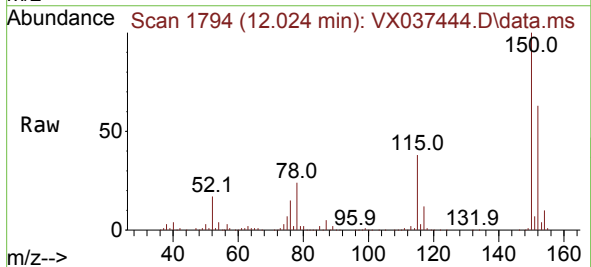
Instrument :
MSVOA_X
ClientSampleId :
OW-02B-20.3-083023

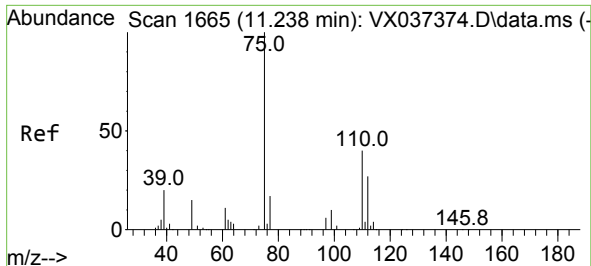
Tgt Ion:117 Resp: 212851
Ion Ratio Lower Upper
117 100
82 53.7 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

Tgt Ion:152 Resp: 90940
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 160.8 0.0 345.0

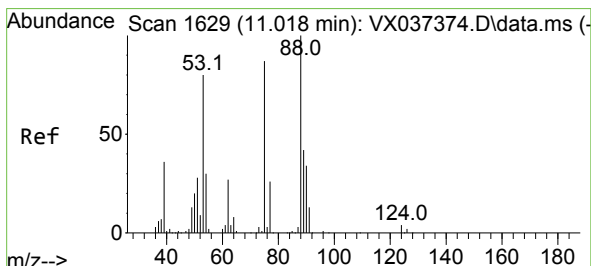
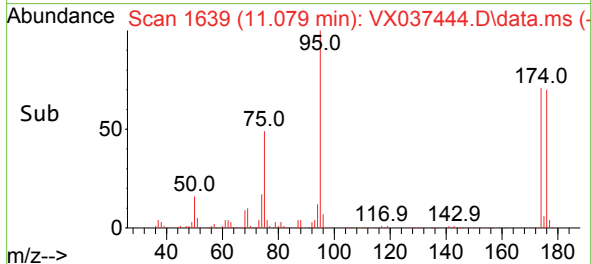
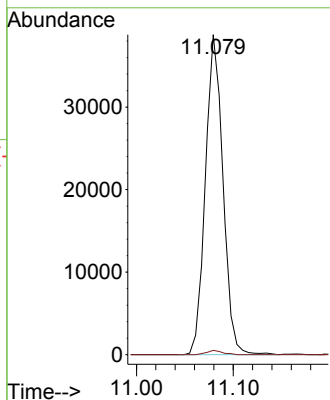
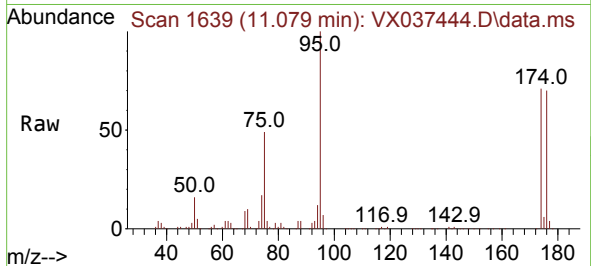




#76
1,2,3-Trichloropropane
Concen: 25.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

Instrument :
MSVOA_X
ClientSampleId :
OW-02B-20.3-083023

Tgt Ion: 75 Resp: 49094
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.801 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037444.D
Acq: 31 Aug 2023 20:44

Tgt Ion: 75 Resp: 49094
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

