

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039444.D
 Acq On : 22 Dec 2023 16:50
 Operator : JC/MD
 Sample : 05966-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 23 06:27:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	223024	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	114248	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96724	50.215	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.420%
35) Dibromofluoromethane	5.385	113	73688	47.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.660%
50) Toluene-d8	8.647	98	285150	49.850	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.700%
62) 4-Bromofluorobenzene	11.079	95	124954	52.945	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.880%

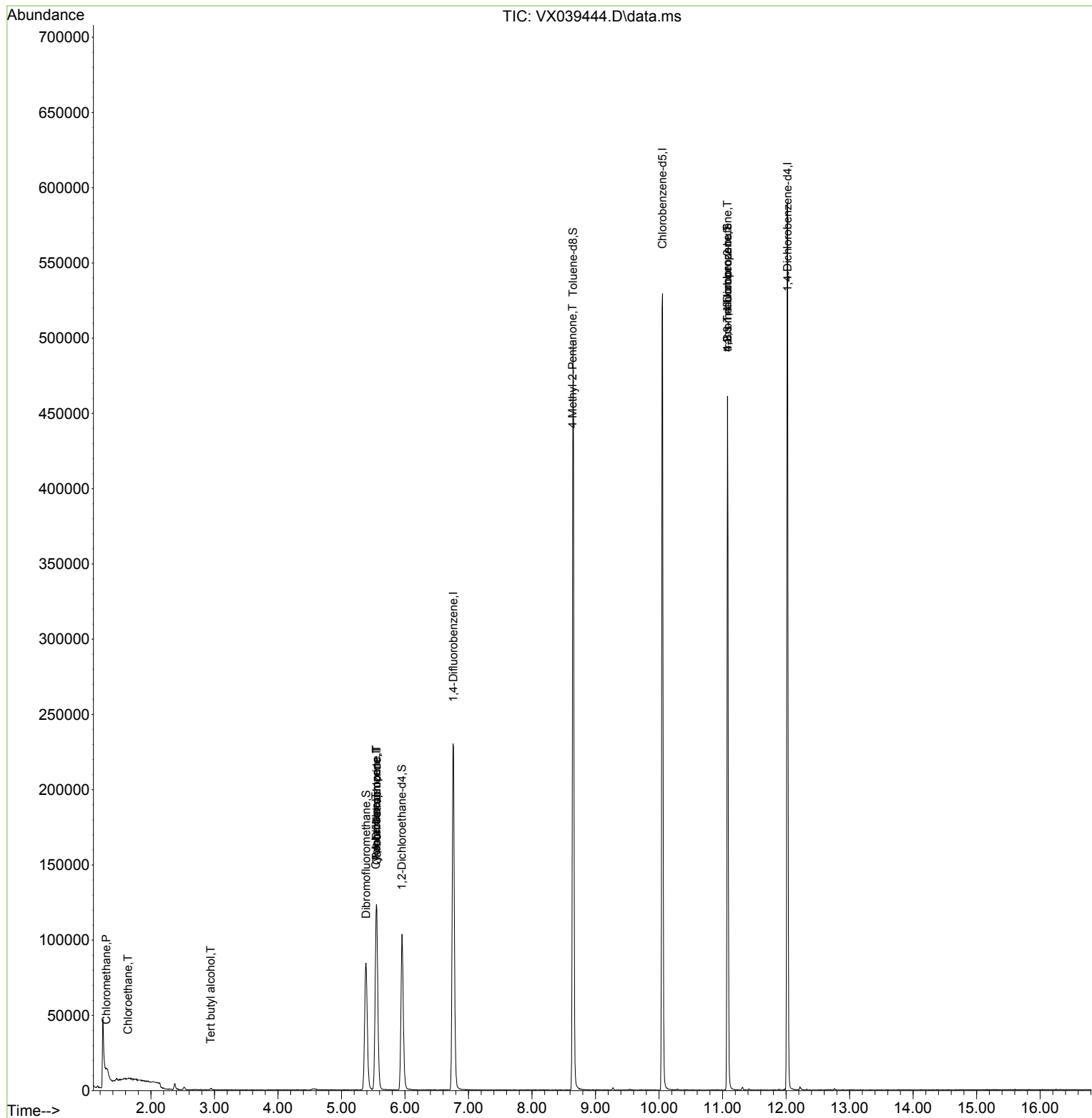
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	791	0.483	ug/l #	43
6) Chloroethane	1.636	64	530	0.577	ug/l #	58
11) Tert butyl alcohol	2.940	59	692	1.431	ug/l #	78
16) Acetone	2.373	43	4615	Below Cal		100
31) Cyclohexane	5.544	56	3062	1.231	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	10752	4.422	ug/l #	50
38) Carbon Tetrachloride	5.556	117	12728	5.486	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1456	0.468	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	67922	22.979	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	67922	64.824	ug/l #	5

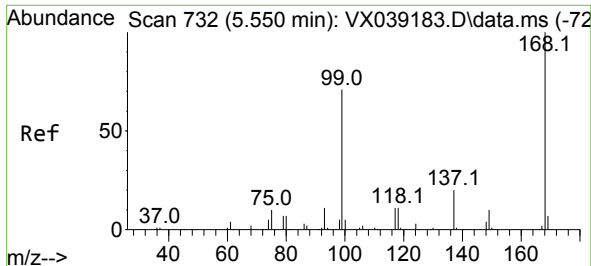
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
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MSVOA_X
ClientSampleId :

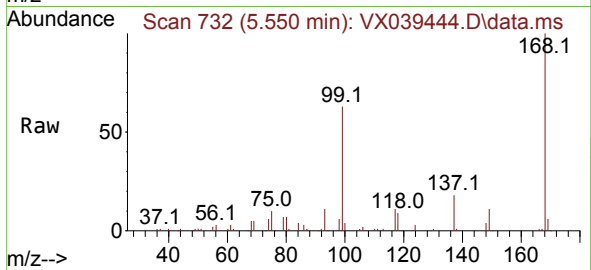
Quant Time: Dec 23 06:27:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



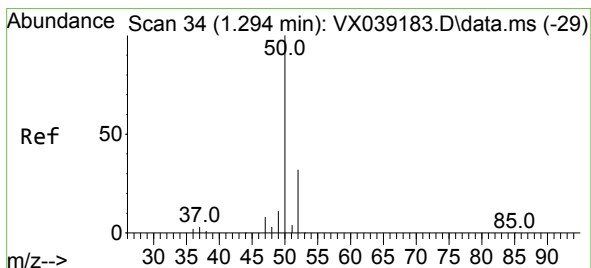
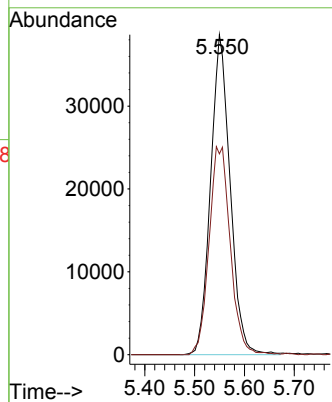
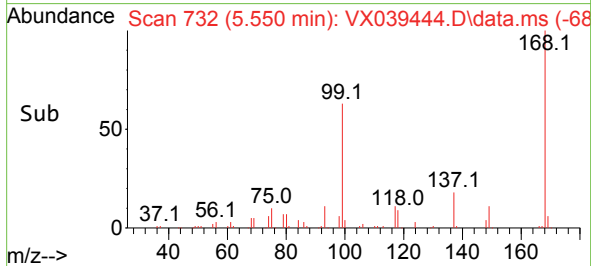


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :

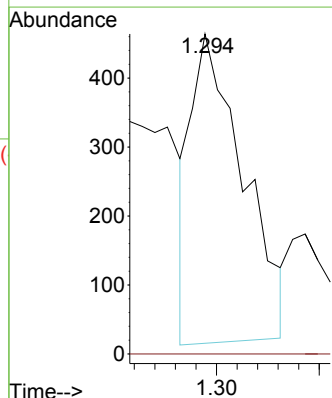
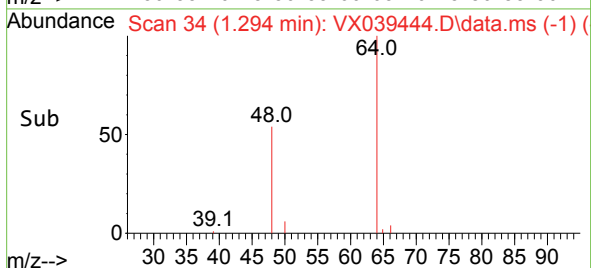
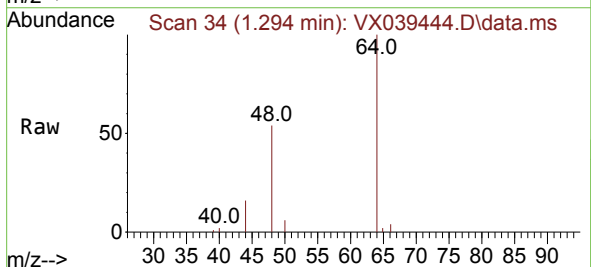


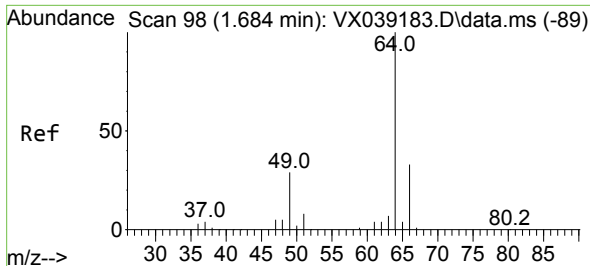
Tgt Ion:168 Resp: 105146
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0



#3
Chloromethane
Concen: 0.483 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Tgt Ion: 50 Resp: 791
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

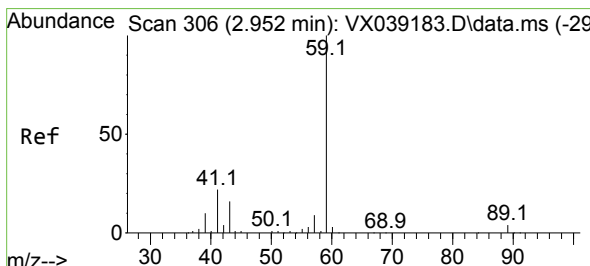
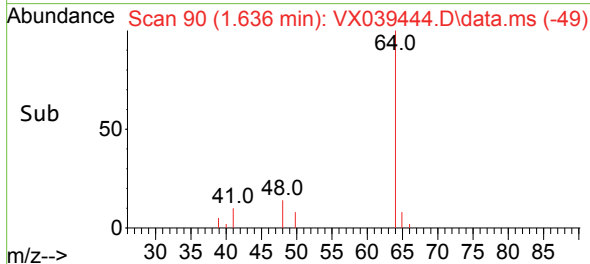
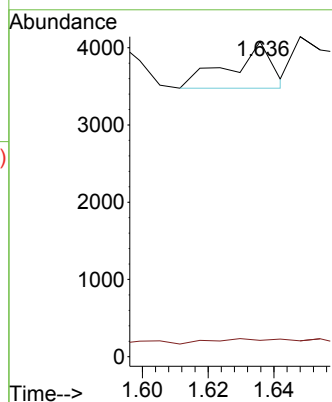
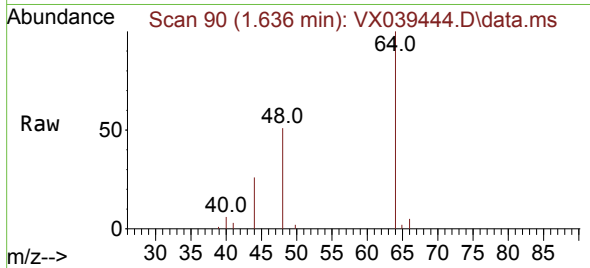




#6
Chloroethane
Concen: 0.577 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.049 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

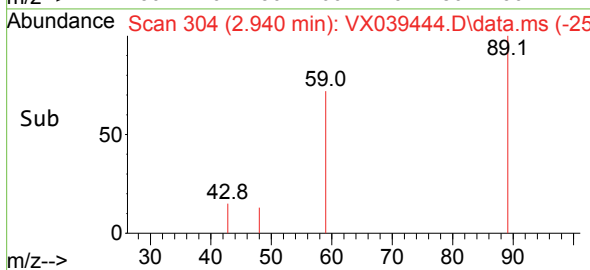
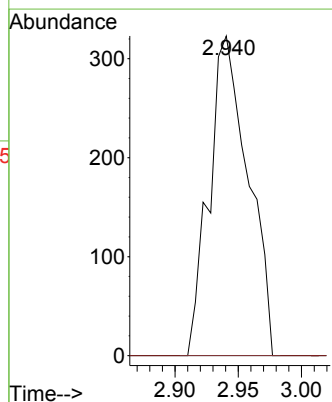
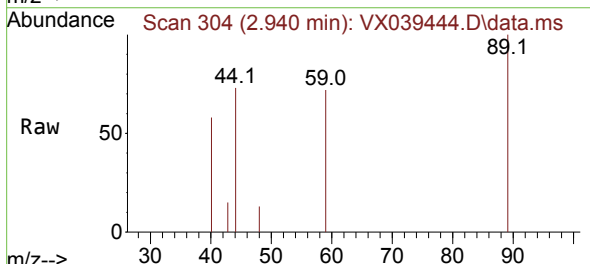
Instrument :
MSVOA_X
ClientSampleId :

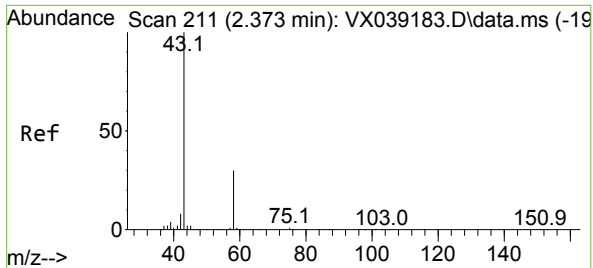
Tgt Ion: 64 Resp: 530
Ion Ratio Lower Upper
64 100
66 8.1 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.431 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.012 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Tgt Ion: 59 Resp: 692
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

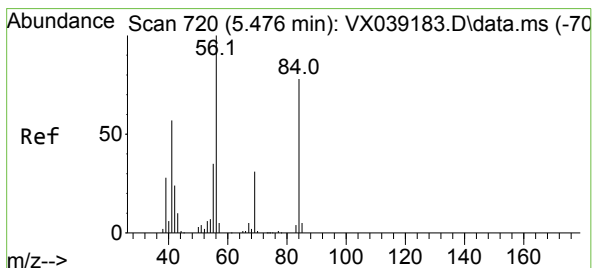
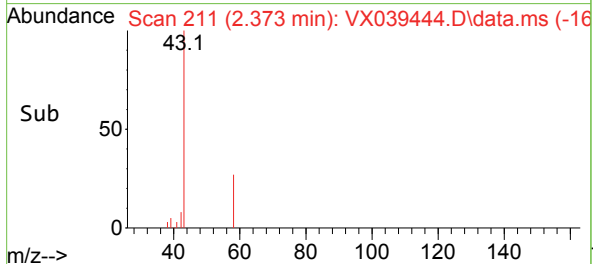
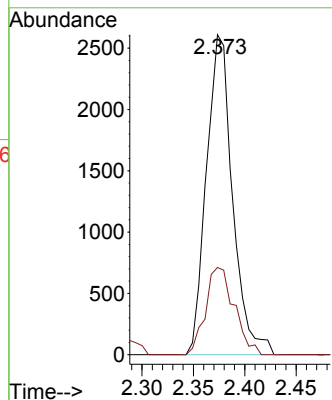
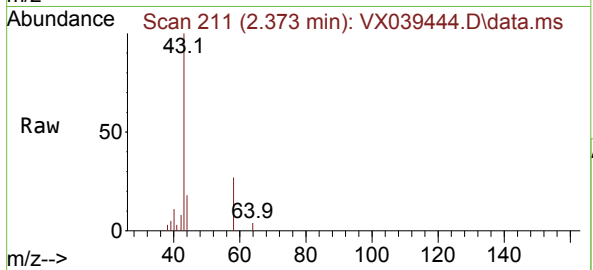




#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

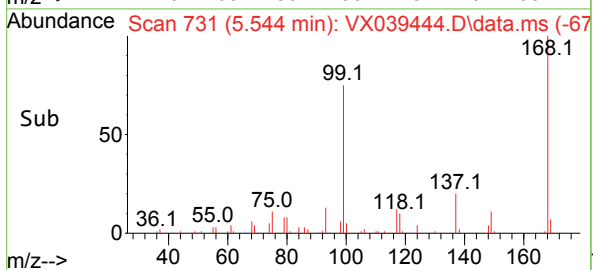
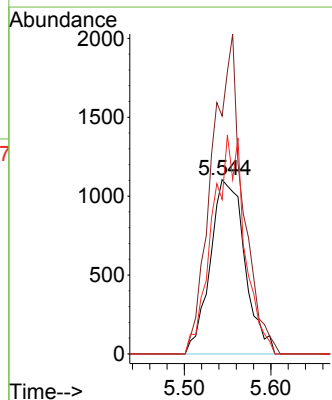
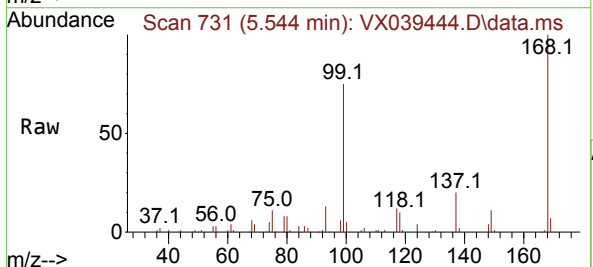
Instrument :
MSVOA_X
ClientSampleId :

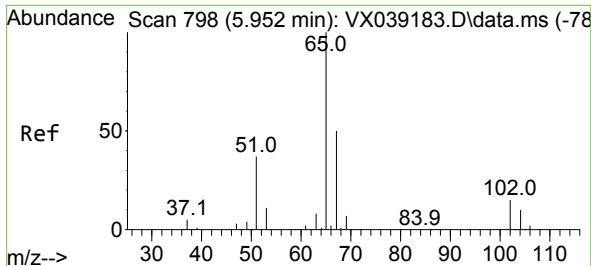
Tgt Ion: 43 Resp: 4615
Ion Ratio Lower Upper
43 100
58 27.3 21.9 32.9



#31
Cyclohexane
Concen: 1.231 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Tgt Ion: 56 Resp: 3062
Ion Ratio Lower Upper
56 100
69 136.6 23.4 35.2#
84 88.7 65.9 98.9

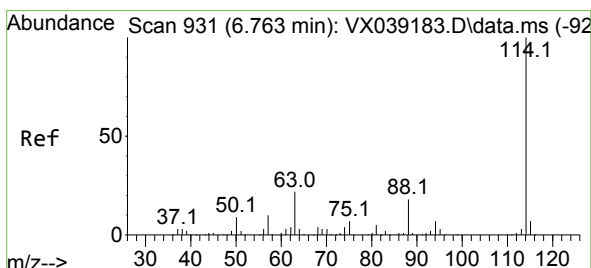
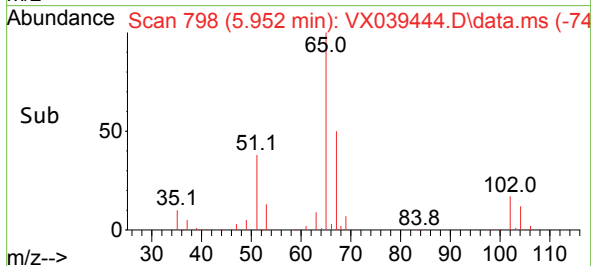
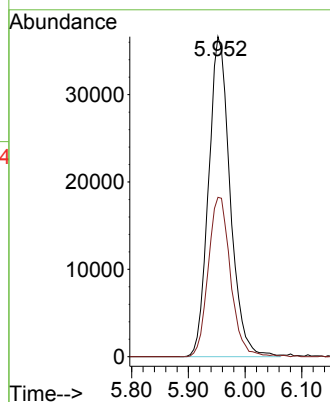
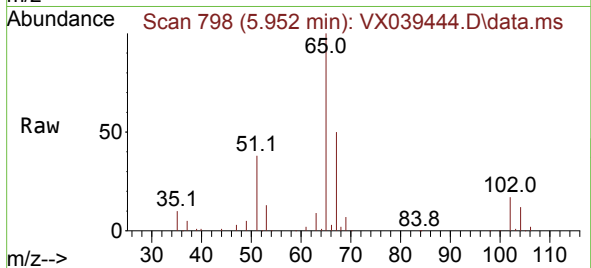




#33
 1,2-Dichloroethane-d4
 Concen: 50.215 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039444.D
 Acq: 22 Dec 2023 16:50

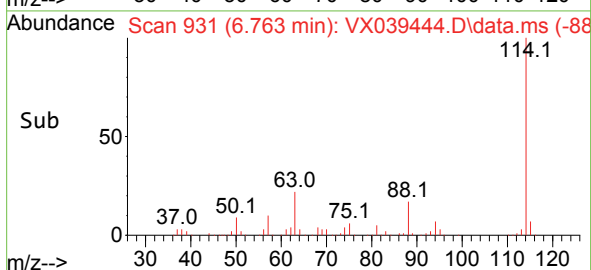
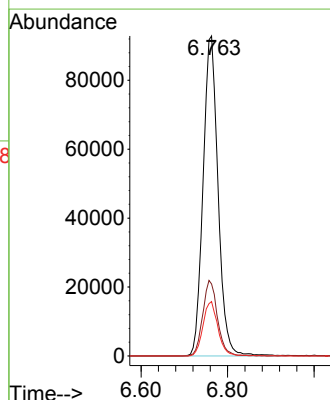
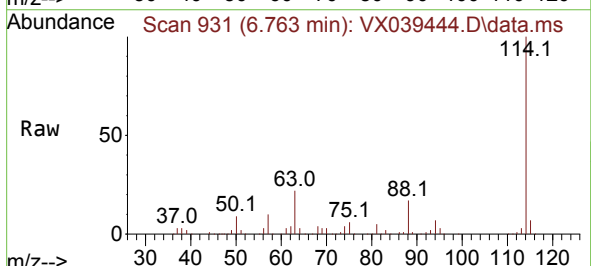
Instrument :
 MSVOA_X
 ClientSampleId :

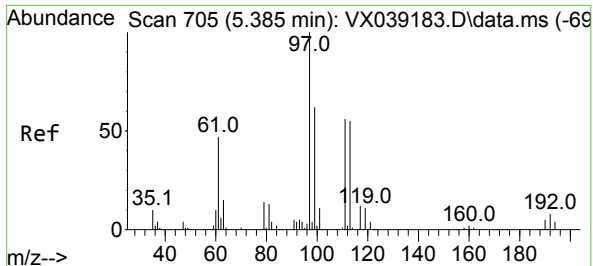
Tgt Ion: 65 Resp: 96724
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX039444.D
 Acq: 22 Dec 2023 16:50

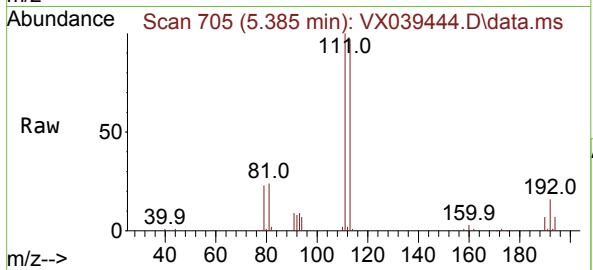
Tgt Ion: 114 Resp: 223024
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 17.0 0.0 36.6



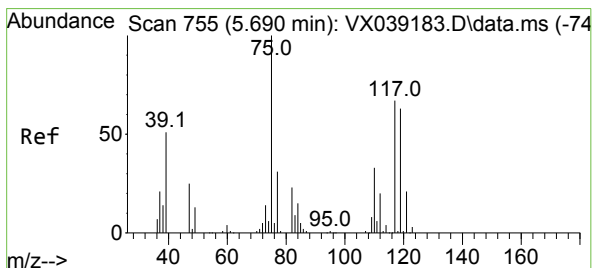
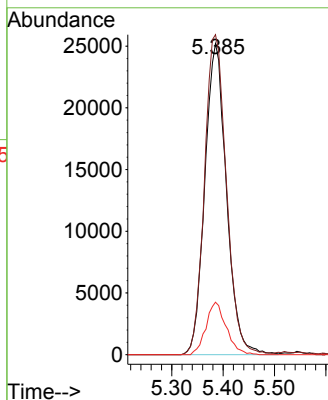
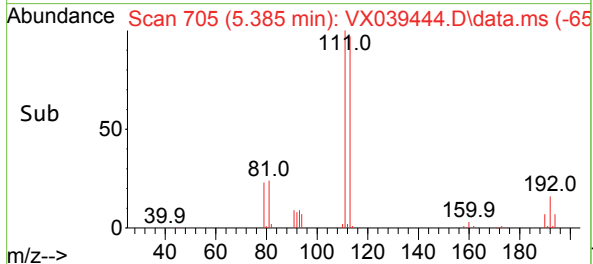


#35
Dibromofluoromethane
Concen: 47.826 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

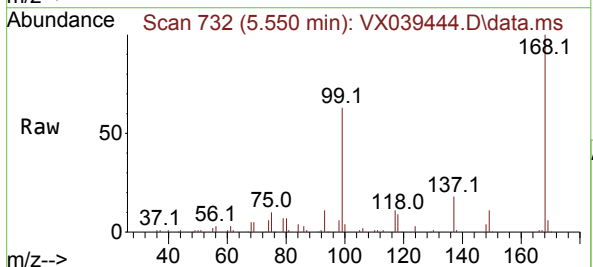
Instrument :
MSVOA_X
ClientSampleId :



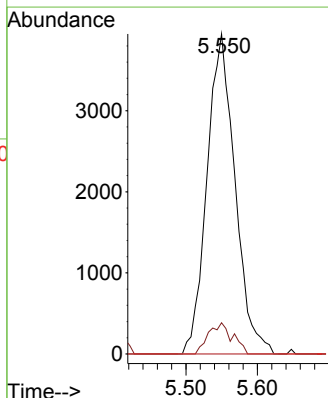
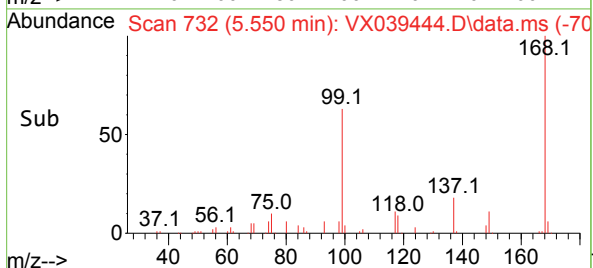
Tgt Ion:113 Resp: 73688
Ion Ratio Lower Upper
113 100
111 104.2 82.9 124.3
192 15.8 13.3 19.9

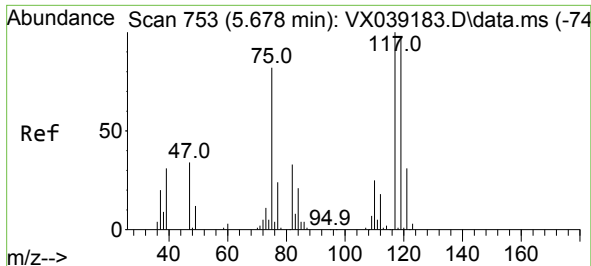


#36
1,1-Dichloropropene
Concen: 4.422 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50



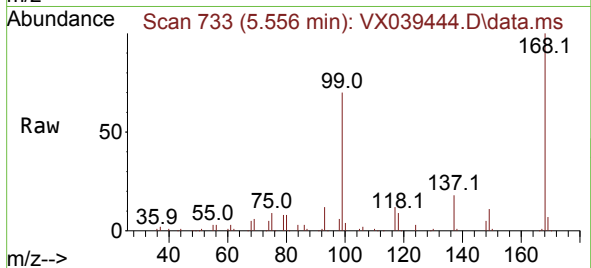
Tgt Ion: 75 Resp: 10752
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



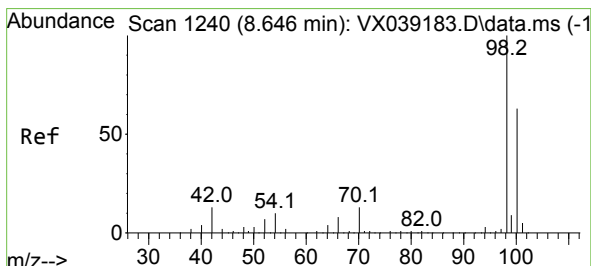
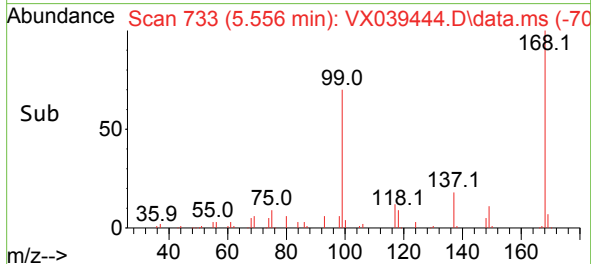
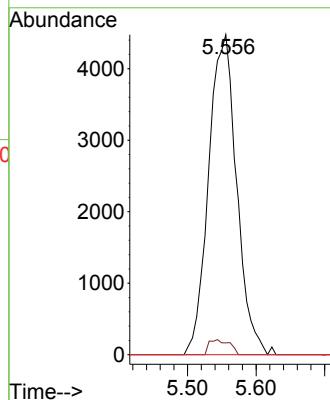


#38
Carbon Tetrachloride
Concen: 5.486 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :

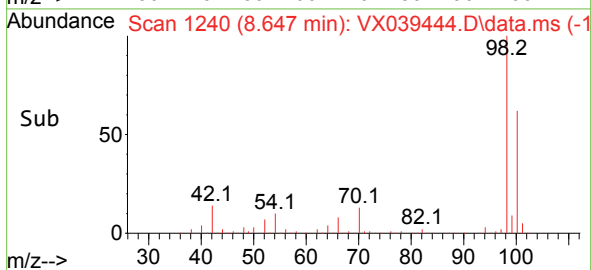
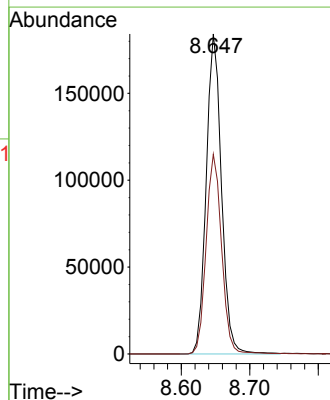
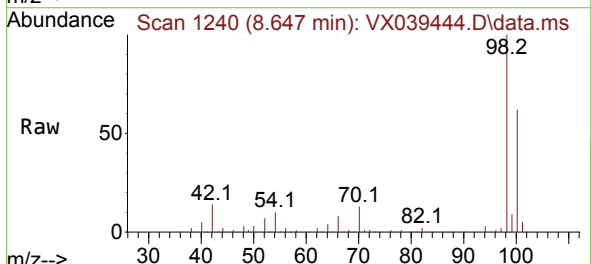


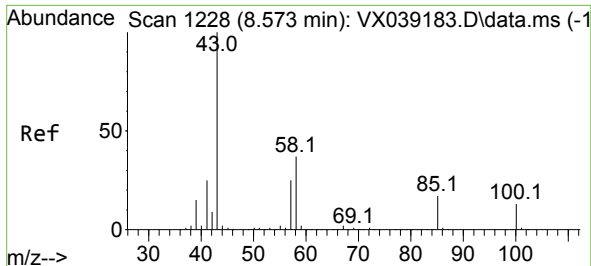
Tgt Ion:117 Resp: 12728
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.850 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Tgt Ion: 98 Resp: 285150
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.468 ug/l

RT: 8.641 min Scan# 1228

Delta R.T. 0.067 min

Lab File: VX039444.D

Acq: 22 Dec 2023 16:50

Instrument :

MSVOA_X

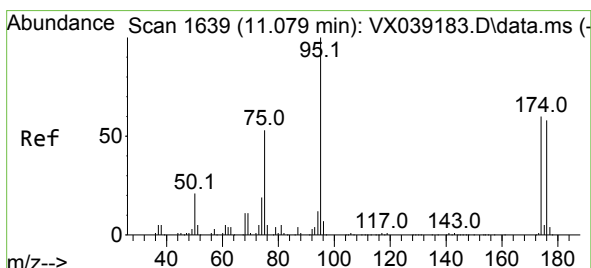
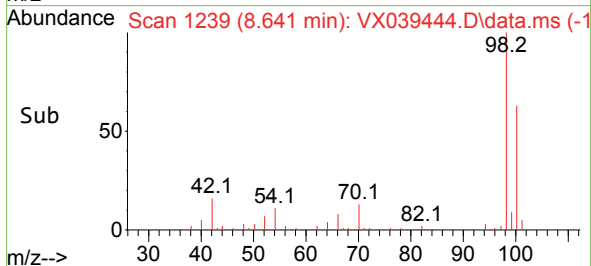
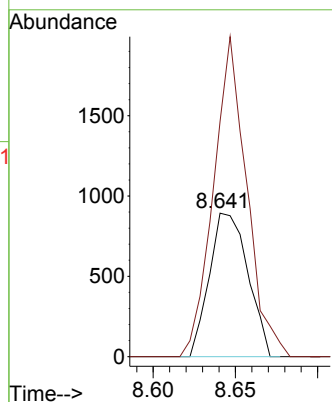
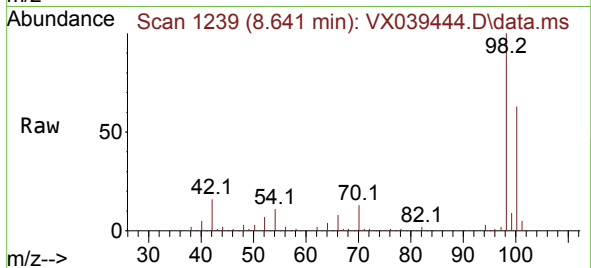
ClientSampleId :

Tgt Ion: 43 Resp: 1456

Ion Ratio Lower Upper

43 100

58 192.4 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 52.945 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039444.D

Acq: 22 Dec 2023 16:50

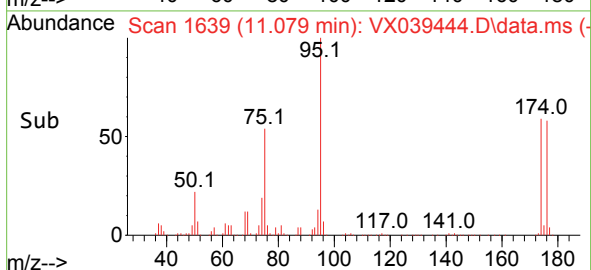
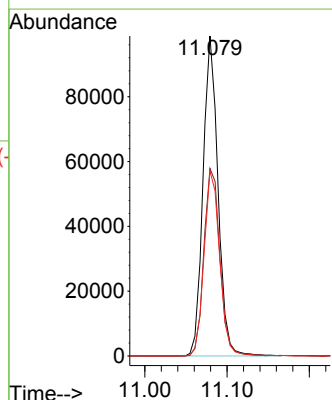
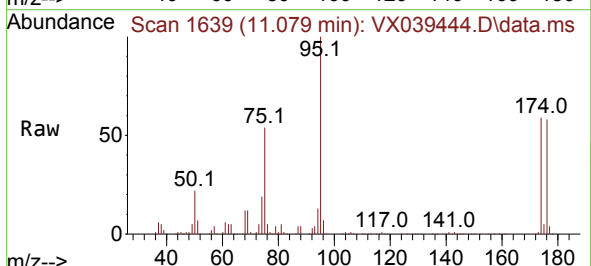
Tgt Ion: 95 Resp: 124954

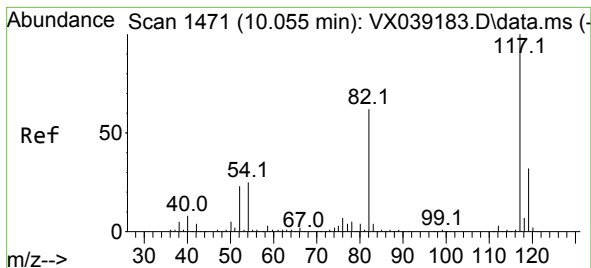
Ion Ratio Lower Upper

95 100

174 62.6 0.0 135.6

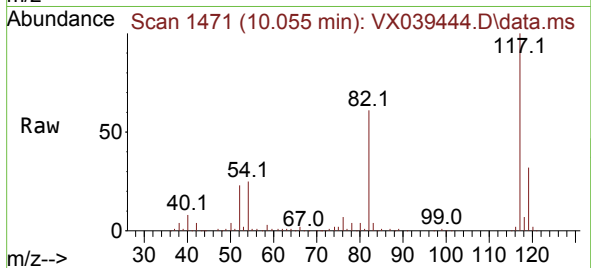
176 60.3 0.0 131.0



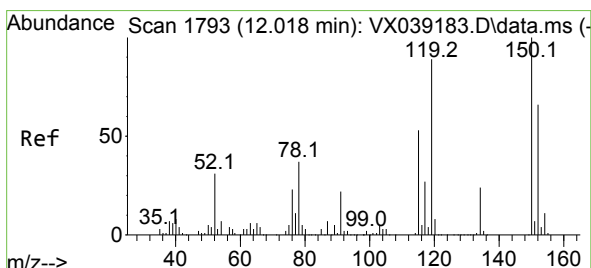
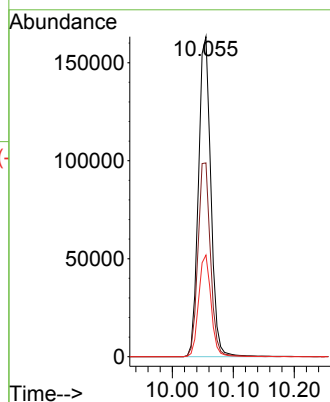
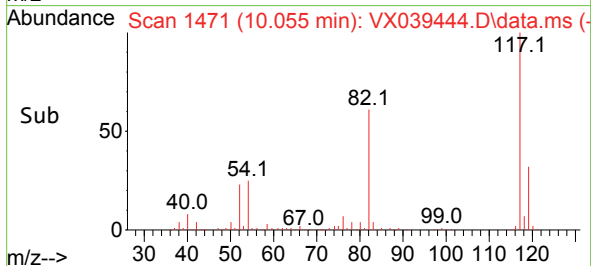


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

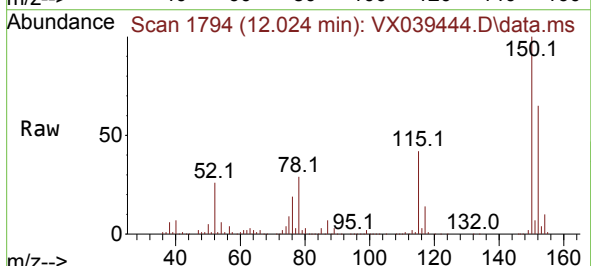
Instrument :
MSVOA_X
ClientSampleId :



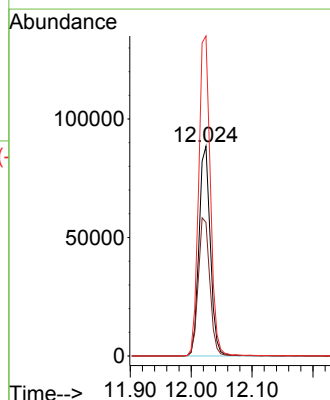
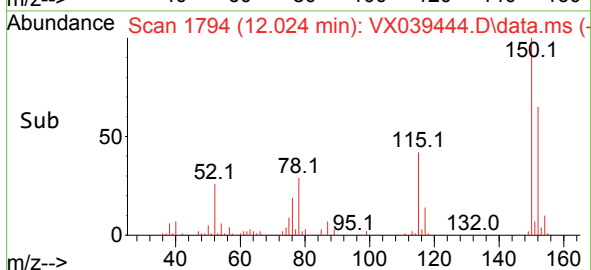
Tgt Ion:117 Resp: 230241
Ion Ratio Lower Upper
117 100
82 60.5 46.2 69.4
119 31.7 25.5 38.3

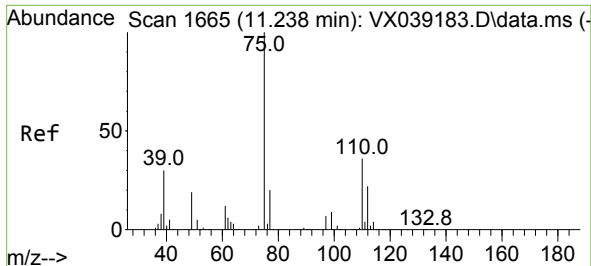


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50



Tgt Ion:152 Resp: 114248
Ion Ratio Lower Upper
152 100
115 67.1 43.3 129.9
150 157.3 0.0 345.0

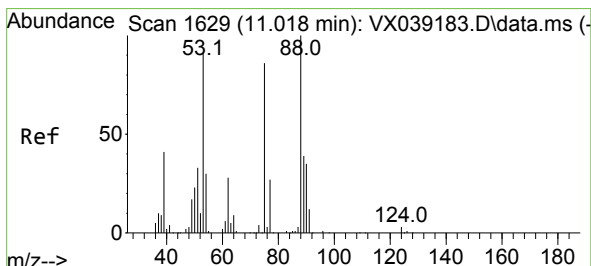
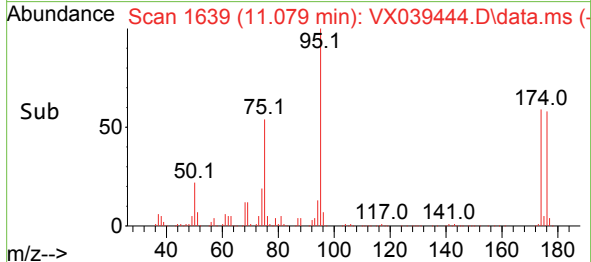
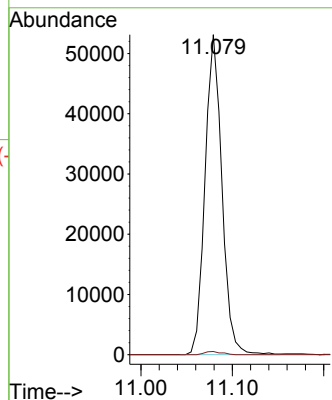
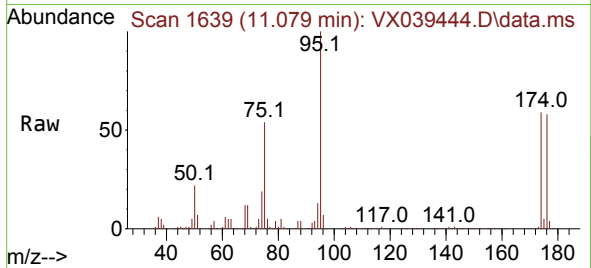




#76
1,2,3-Trichloropropane
Concen: 22.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 67922
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.824 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX039444.D
Acq: 22 Dec 2023 16:50

Tgt Ion: 75 Resp: 67922
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

