

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
 Data File : VX037445.D
 Acq On : 31 Aug 2023 21:08
 Operator : JC/MD
 Sample : 04251-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 01 03:17:42 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	144313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	88256	42.420	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.840%
35) Dibromofluoromethane	5.385	113	72427	45.876	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.760%
50) Toluene-d8	8.647	98	281134	49.091	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	101261	44.994	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%

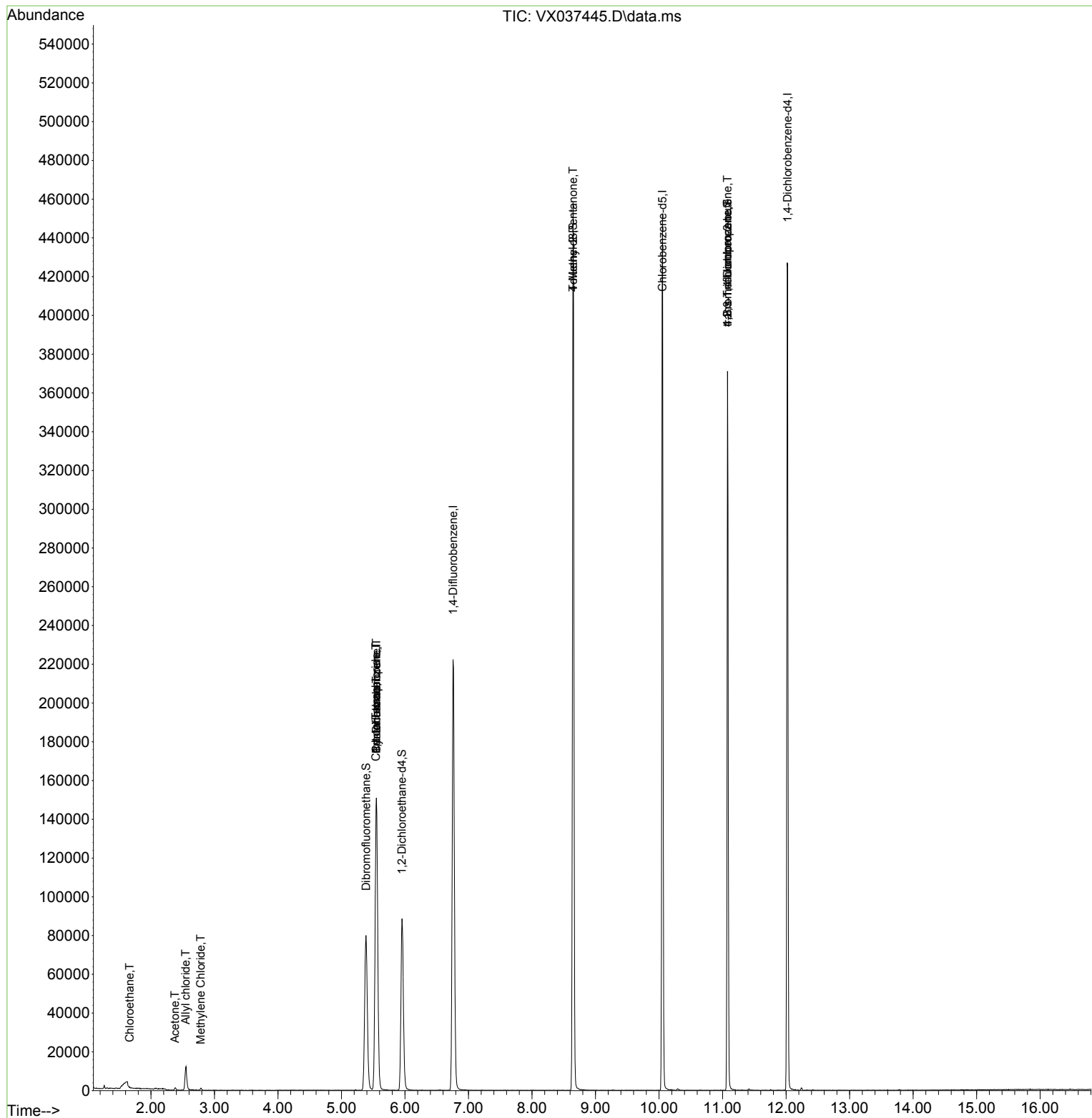
Target Compounds					Qvalue	
6) Chloroethane	1.666	64	236	0.251	ug/l #	43
14) Allyl chloride	2.544	41	1206	0.524	ug/l #	61
16) Acetone	2.380	43	1441	1.770	ug/l	90
20) Methylene Chloride	2.782	84	483	0.265	ug/l #	74
31) Cyclohexane	5.550	56	2716	1.161	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	10806	4.818	ug/l #	51
38) Carbon Tetrachloride	5.544	117	15207	6.241	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	985	0.446	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	49797	24.572	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49797	68.630	ug/l #	5

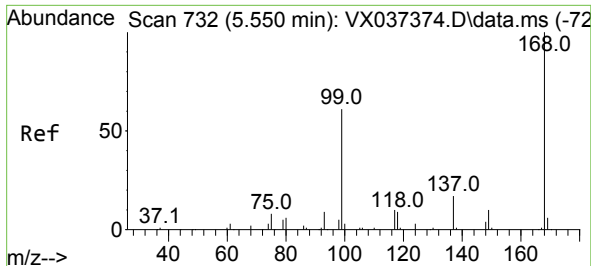
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083123\
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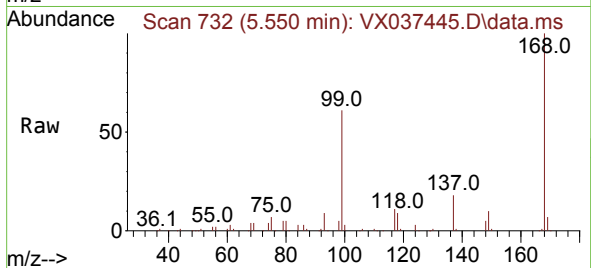
Quant Time: Sep 01 03:17:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



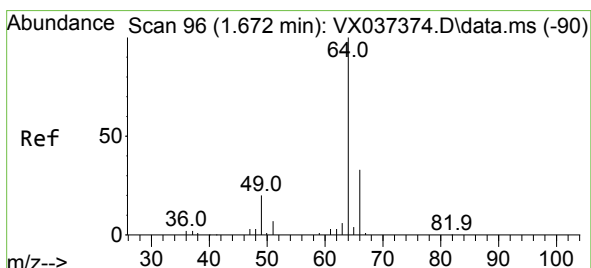
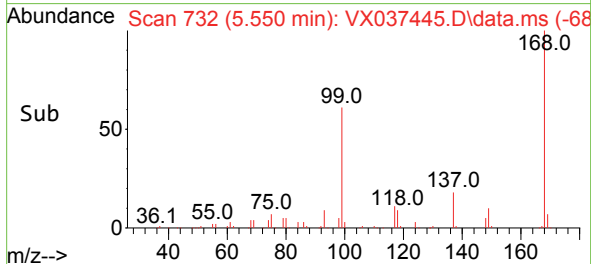
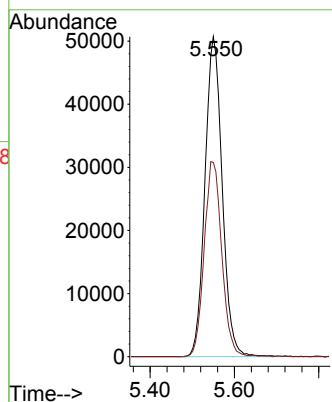


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Instrument :
MSVOA_X
ClientSampleId :

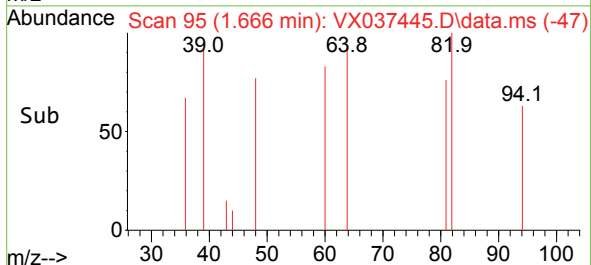
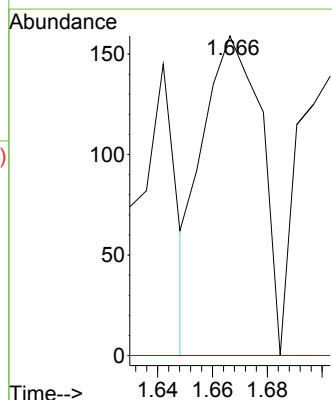
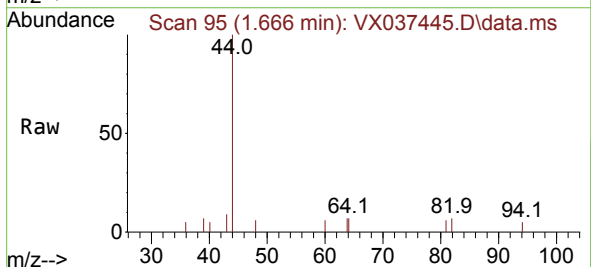


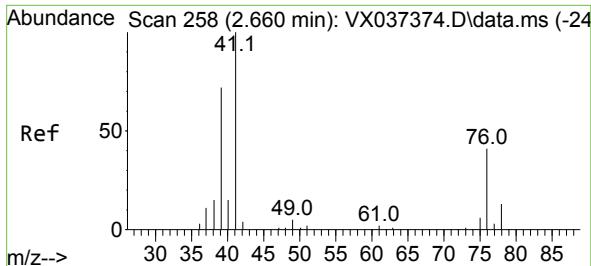
Tgt Ion:168 Resp: 144313
Ion Ratio Lower Upper
168 100
99 60.7 56.6 85.0



#6
Chloroethane
Concen: 0.251 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.006 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion: 64 Resp: 236
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#14

Allyl chloride

Concen: 0.524 ug/l

RT: 2.544 min Scan# 21

Delta R.T. -0.116 min

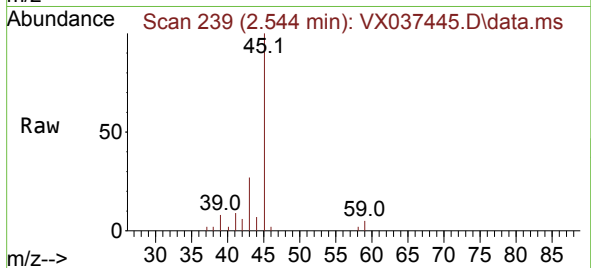
Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

Instrument :

MSVOA_X

ClientSampleId :



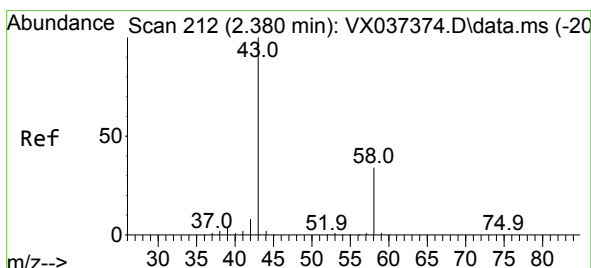
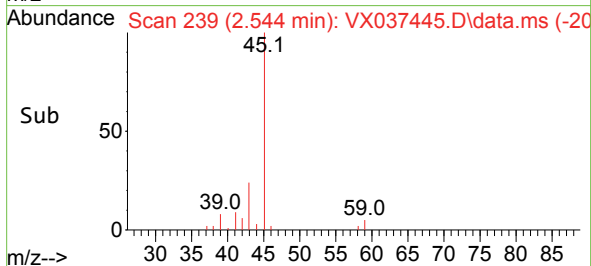
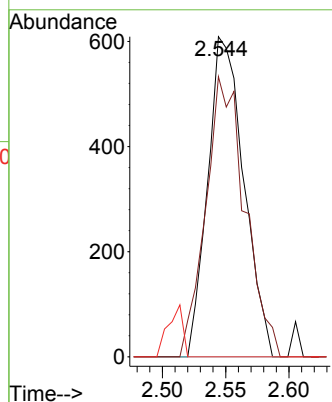
Tgt Ion: 41 Resp: 1206

Ion Ratio Lower Upper

41 100

39 95.1 55.8 83.6#

76 0.0 24.3 36.5#



#16

Acetone

Concen: 1.770 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.006 min

Lab File: VX037445.D

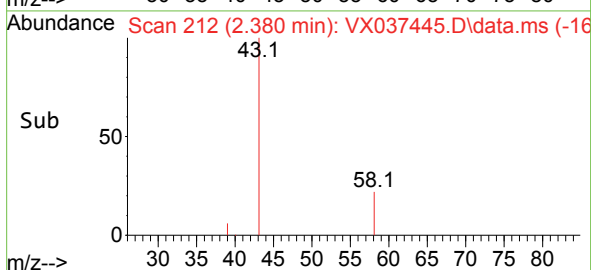
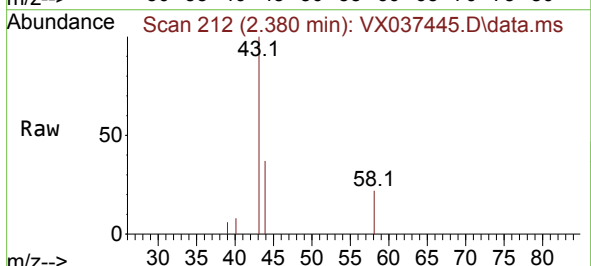
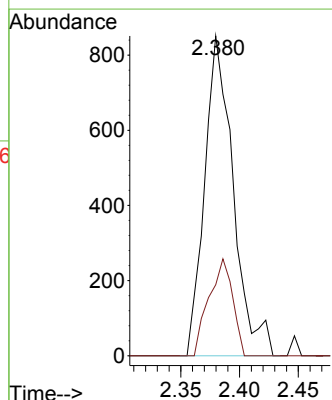
Acq: 31 Aug 2023 21:08

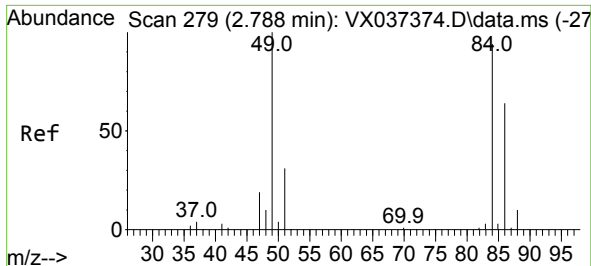
Tgt Ion: 43 Resp: 1441

Ion Ratio Lower Upper

43 100

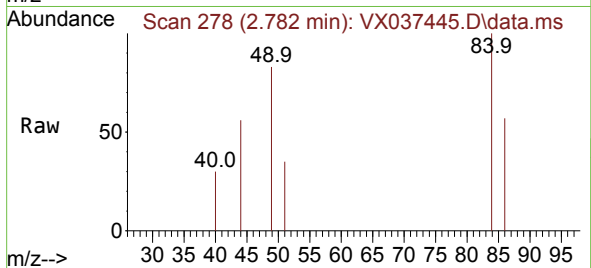
58 22.2 21.9 32.9



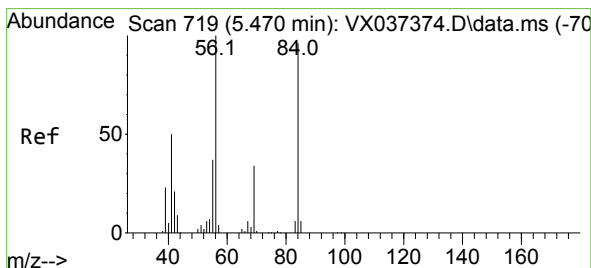
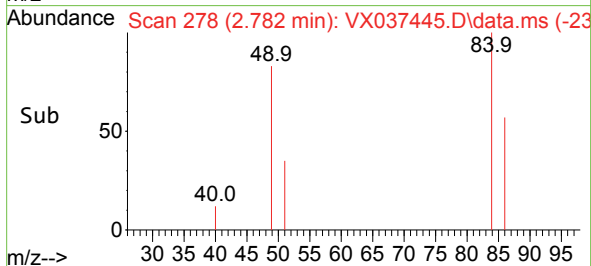
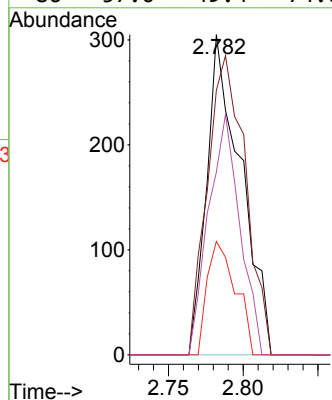


#20
Methylene Chloride
Concen: 0.265 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Instrument :
MSVOA_X
ClientSampleId :

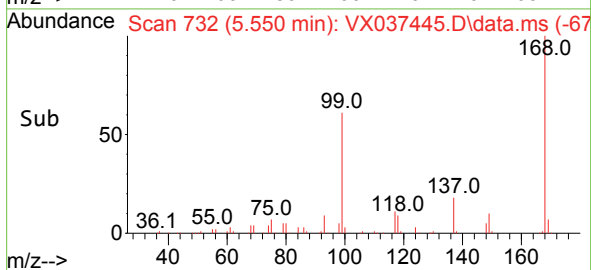
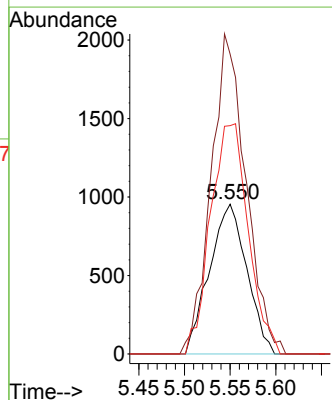
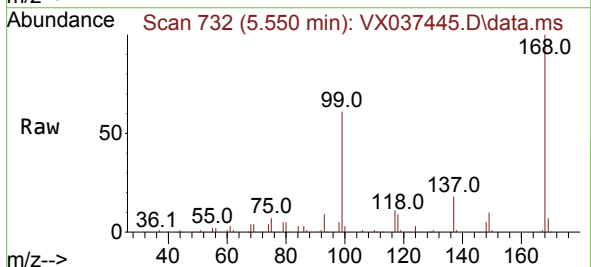


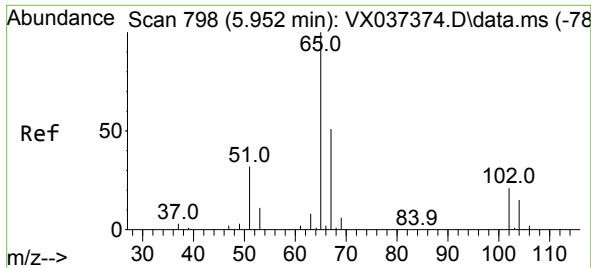
Tgt Ion: 84	Resp: 483
Ion Ratio	Lower Upper
84 100	
49 82.6	103.6 155.4#
51 35.4	33.8 50.6
86 57.0	49.4 74.0



#31
Cyclohexane
Concen: 1.161 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion: 56	Resp: 2716
Ion Ratio	Lower Upper
56 100	
69 200.3	23.4 35.2#
84 152.5	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 42.420 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

Instrument :

MSVOA_X

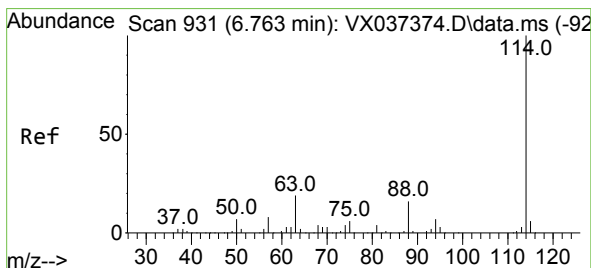
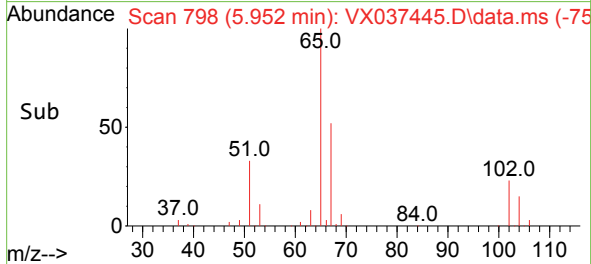
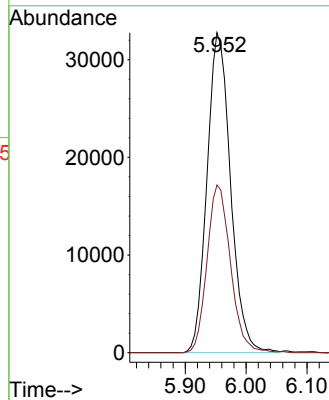
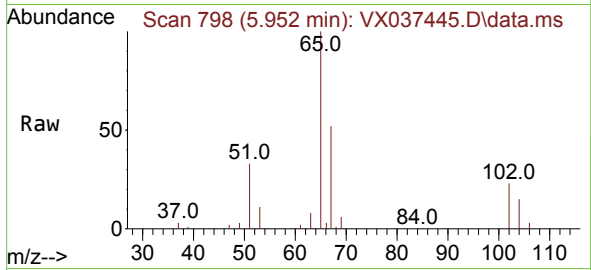
ClientSampleId :

Tgt Ion: 65 Resp: 88256

Ion Ratio Lower Upper

65 100

67 52.2 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

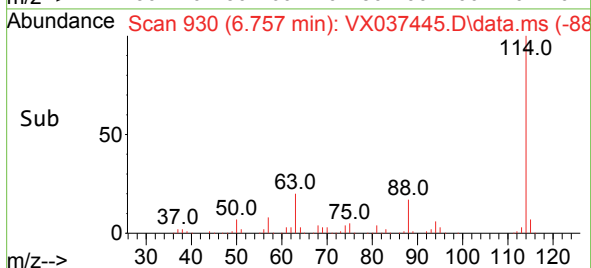
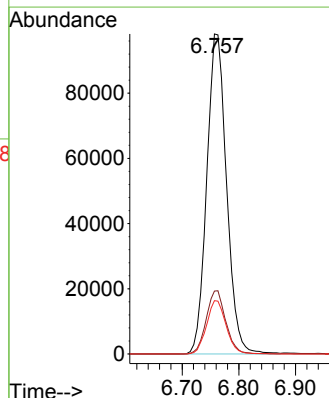
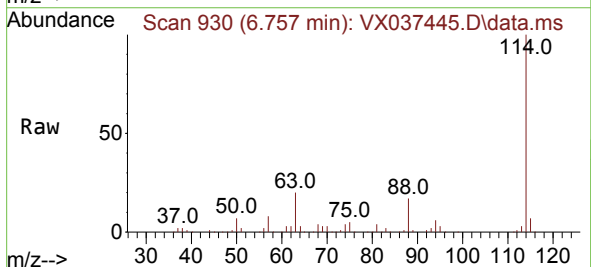
Tgt Ion: 114 Resp: 238384

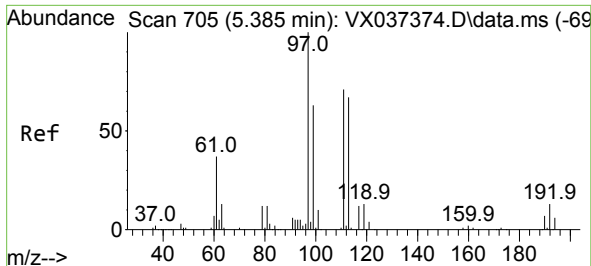
Ion Ratio Lower Upper

114 100

63 19.6 0.0 45.0

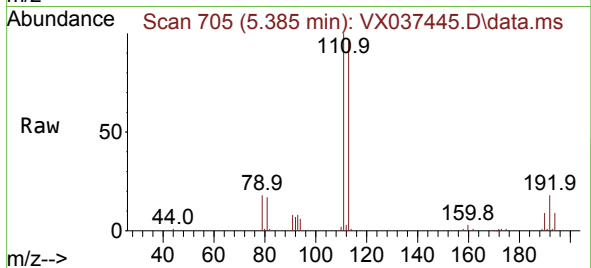
88 16.6 0.0 36.6



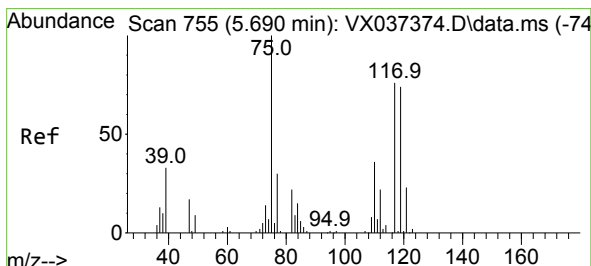
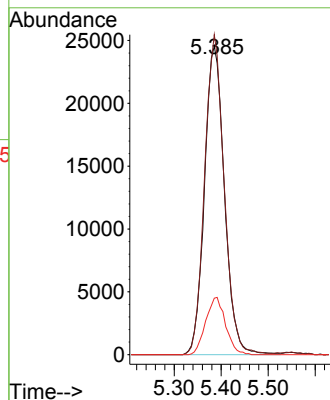
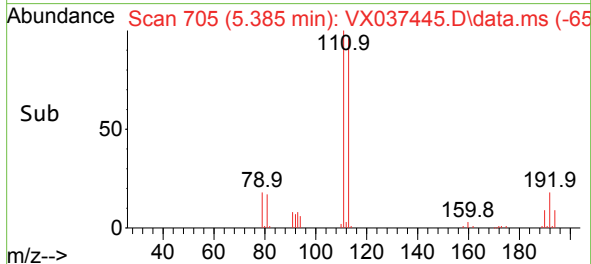


#35
Dibromofluoromethane
Concen: 45.876 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Instrument :
MSVOA_X
ClientSampleId :

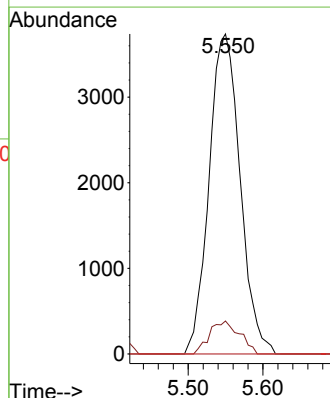
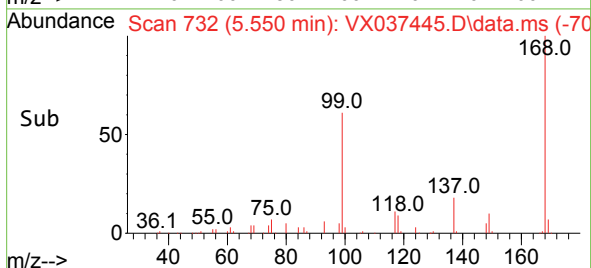
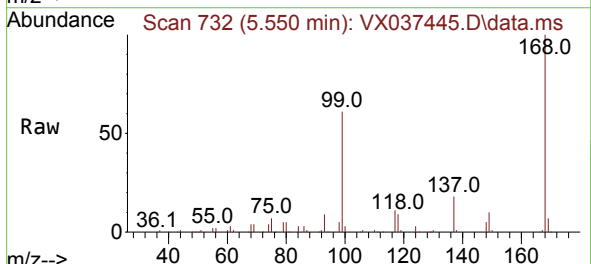


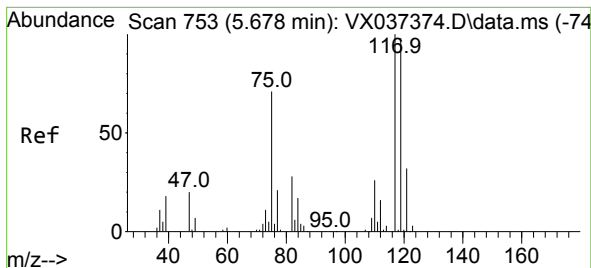
Tgt Ion:113 Resp: 72427
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 18.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.818 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion: 75 Resp: 10806
Ion Ratio Lower Upper
75 100
110 10.0 17.0 50.9#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.241 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.128 min

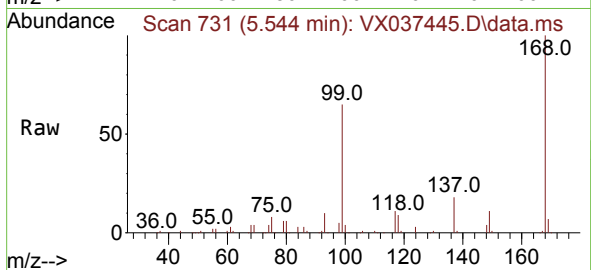
Lab File: VX037445.D

Acq: 31 Aug 2023 21:08

Instrument :

MSVOA_X

ClientSampleId :



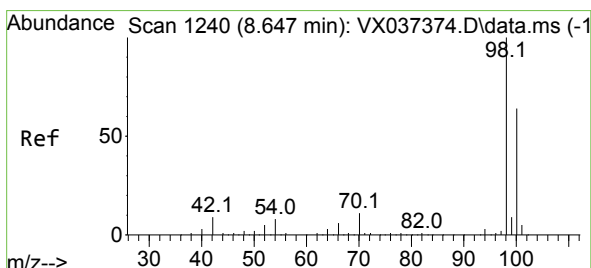
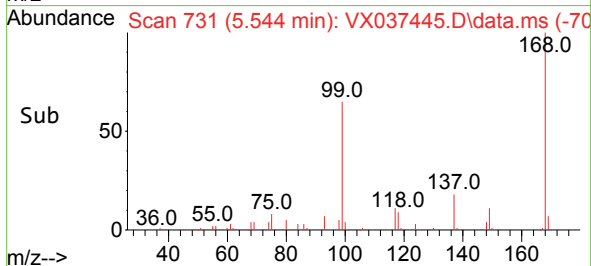
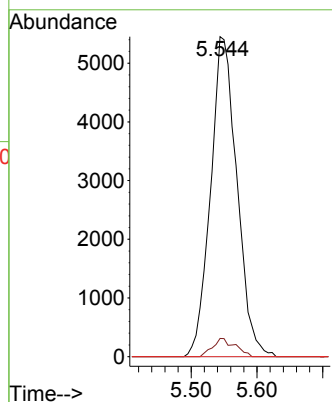
Tgt Ion:117 Resp: 15207

Ion Ratio Lower Upper

117 100

119 5.7 78.2 117.2#

121 0.0 24.4 36.6#



#50

Toluene-d8

Concen: 49.091 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX037445.D

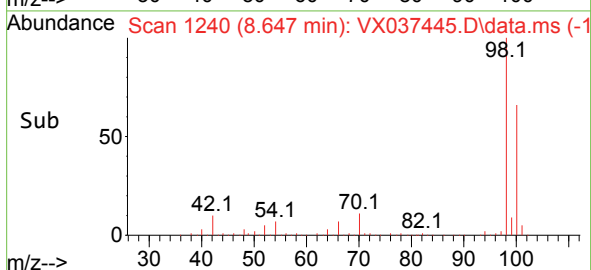
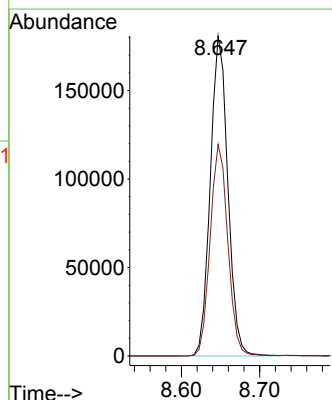
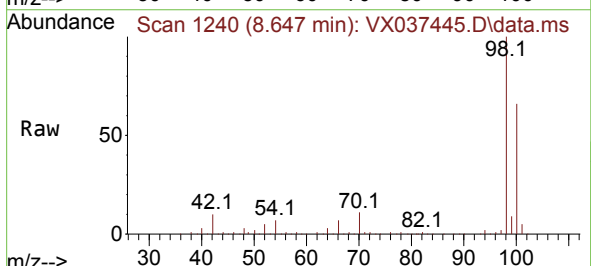
Acq: 31 Aug 2023 21:08

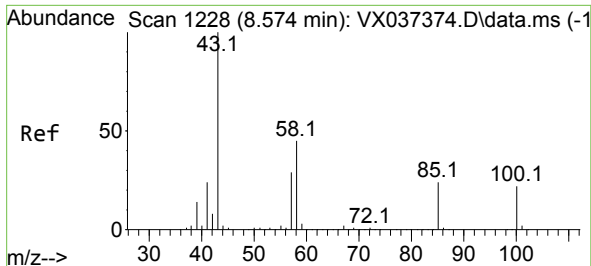
Tgt Ion: 98 Resp: 281134

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7

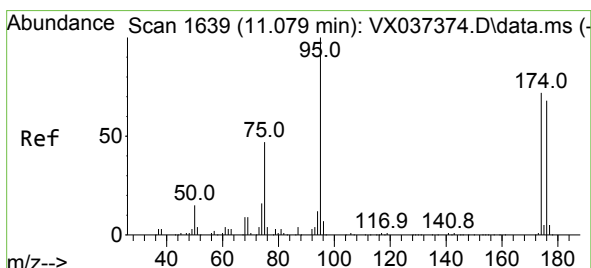
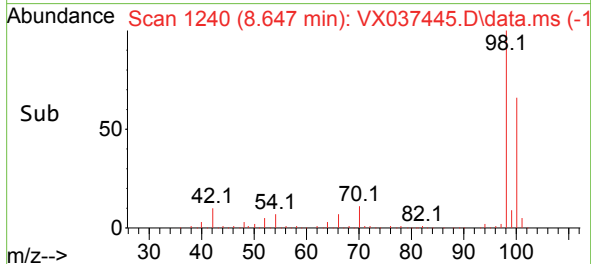
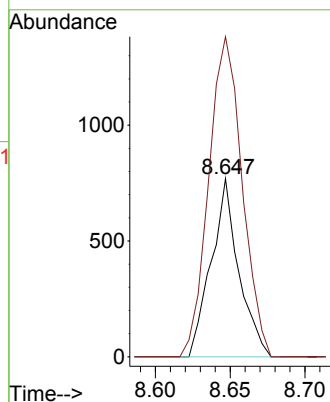
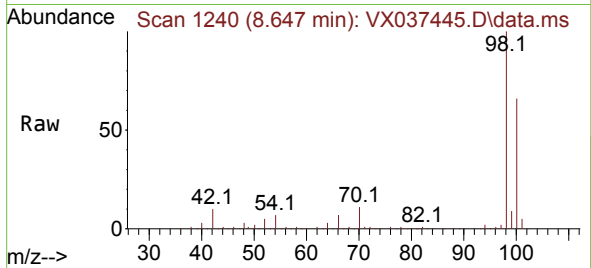




#51
4-Methyl-2-Pentanone
Concen: 0.446 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

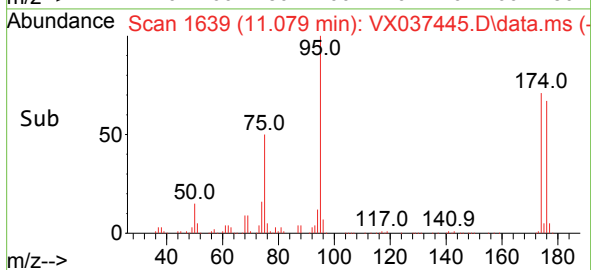
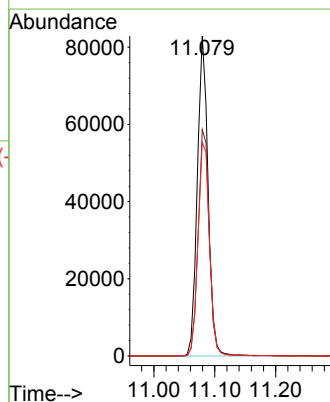
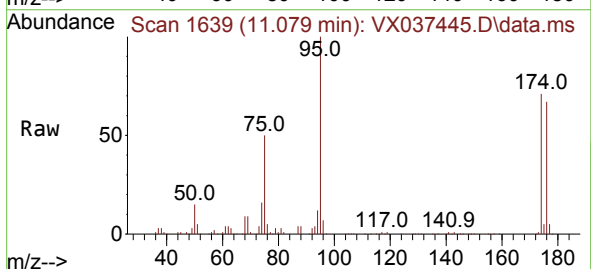
Instrument :
MSVOA_X
ClientSampleId :

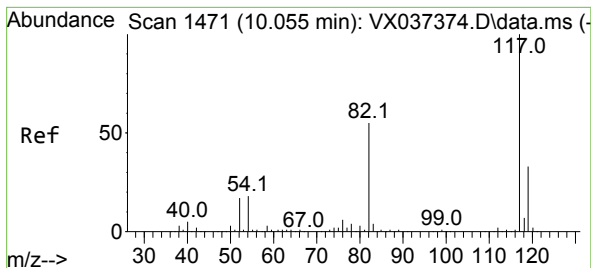
Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 218.1 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 44.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion: 95 Resp: 101261
Ion Ratio Lower Upper
95 100
174 73.9 0.0 135.6
176 70.8 0.0 131.0

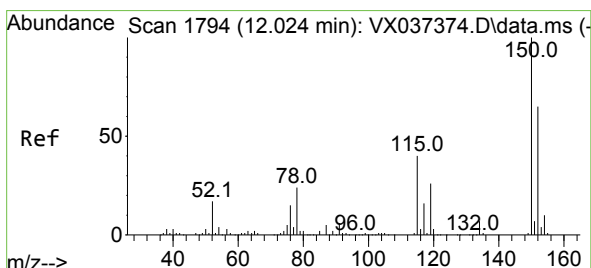
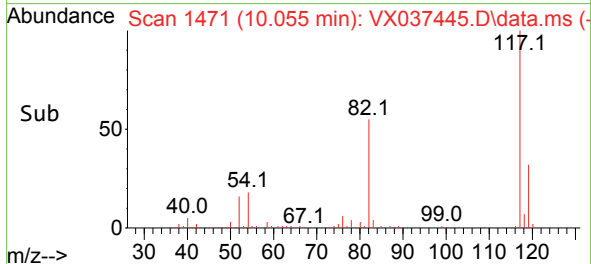
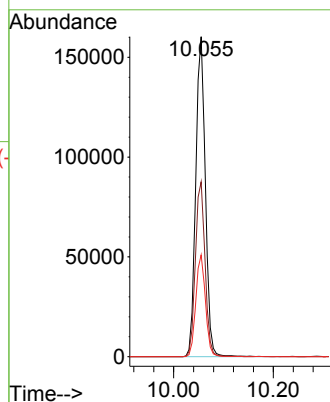
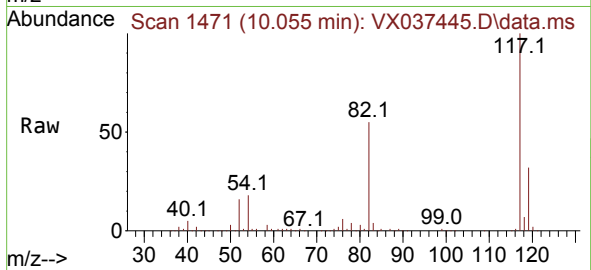




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

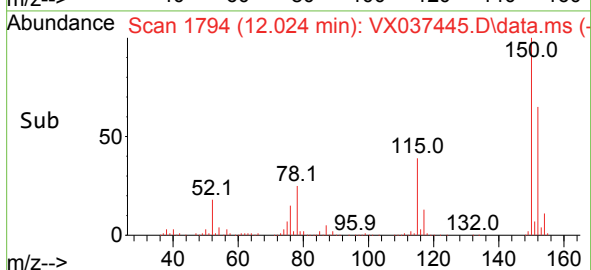
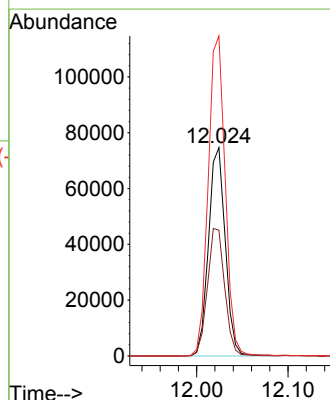
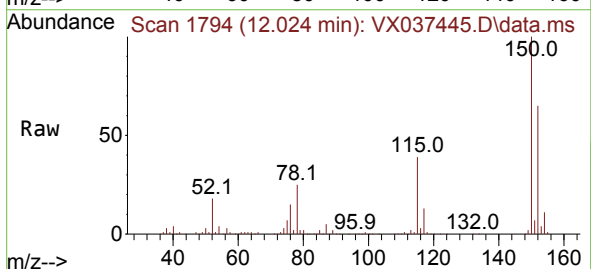
Instrument :
MSVOA_X
ClientSampleId :

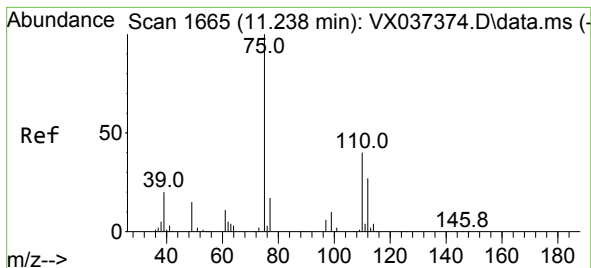
Tgt Ion:117 Resp: 214543
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion:152 Resp: 95160
Ion Ratio Lower Upper
152 100
115 63.0 43.3 129.9
150 155.4 0.0 345.0

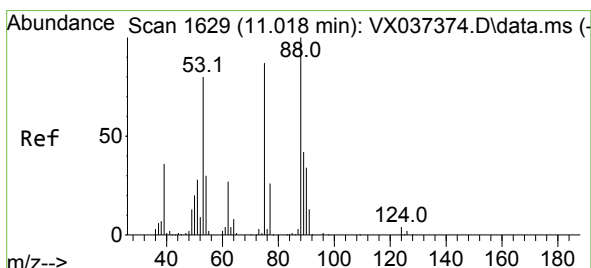
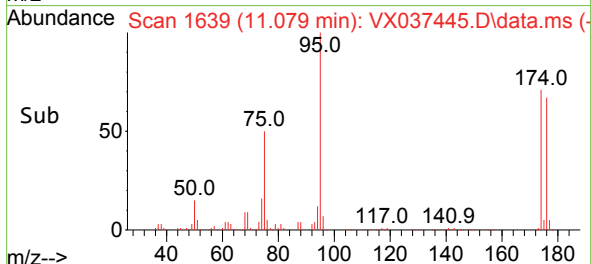
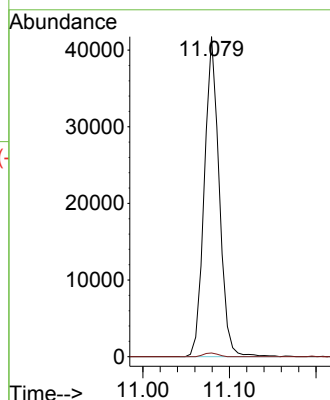
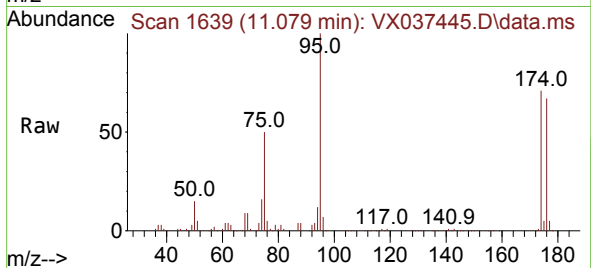




#76
1,2,3-Trichloropropane
Concen: 24.572 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 49797
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.630 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037445.D
Acq: 31 Aug 2023 21:08

Tgt Ion: 75 Resp: 49797
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

