

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092923\
 Data File : VX037974.D
 Acq On : 29 Sep 2023 14:37
 Operator : JC/MD
 Sample : 04657-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2

Quant Time: Sep 29 23:05:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

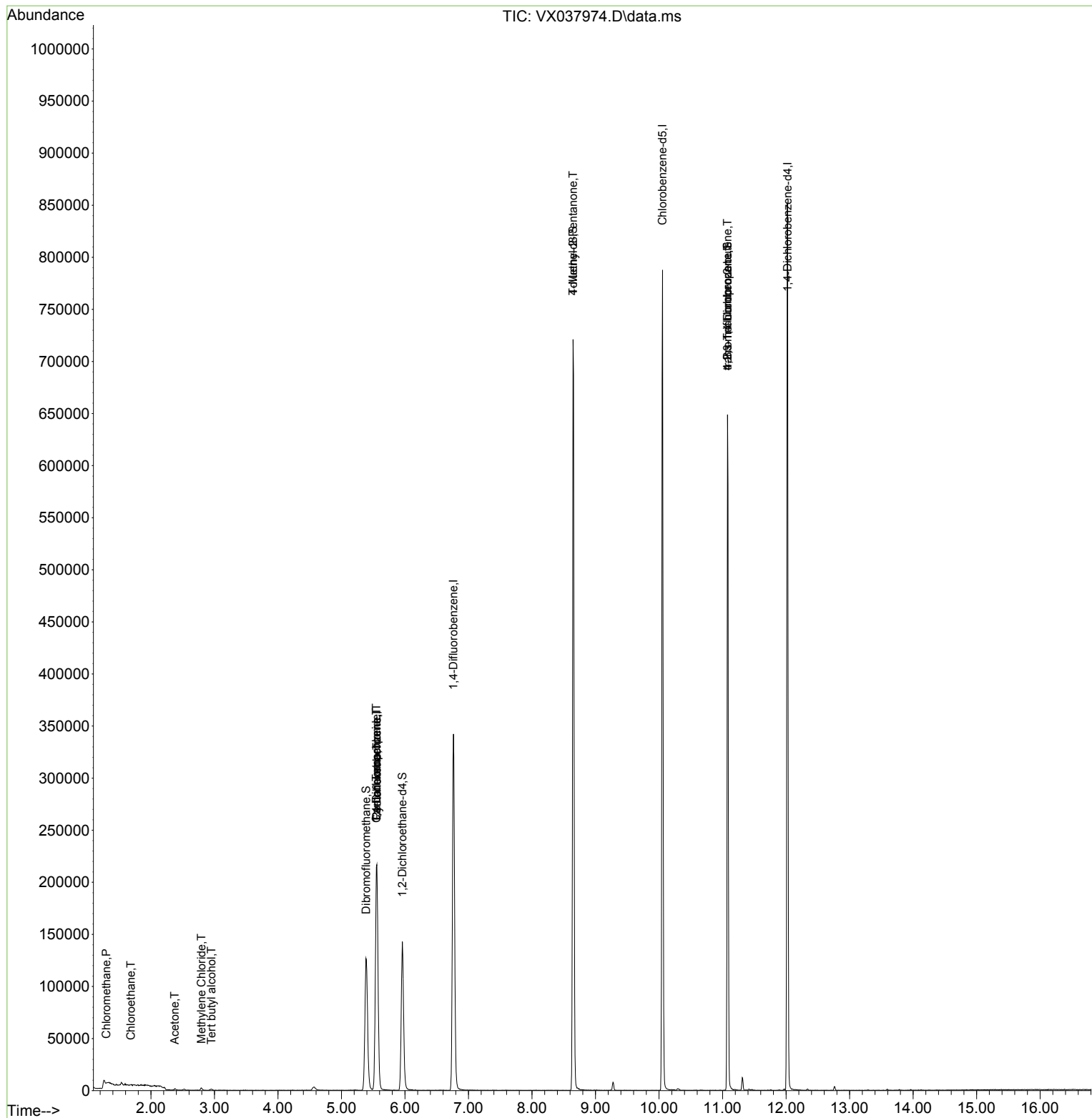
Internal Standards						
1) Pentafluorobenzene	5.556	168	212343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	361942	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	131889	47.274	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.540%
35) Dibromofluoromethane	5.385	113	112890	46.615	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.220%
50) Toluene-d8	8.647	98	441730	49.090	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.180%
62) 4-Bromofluorobenzene	11.079	95	167348	51.179	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.360%
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	591	0.243	ug/l #	43
6) Chloroethane	1.685	64	364	0.201	ug/l #	43
11) Tert butyl alcohol	2.953	59	732	1.222	ug/l #	78
16) Acetone	2.374	43	1411	1.051	ug/l #	54
20) Methylene Chloride	2.794	84	1071	0.407	ug/l #	81
31) Cyclohexane	5.556	56	4357	1.217	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	16135	4.836	ug/l #	51
38) Carbon Tetrachloride	5.550	117	21390	6.128	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1890	0.508	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85284	19.745	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	85284	63.250	ug/l #	5

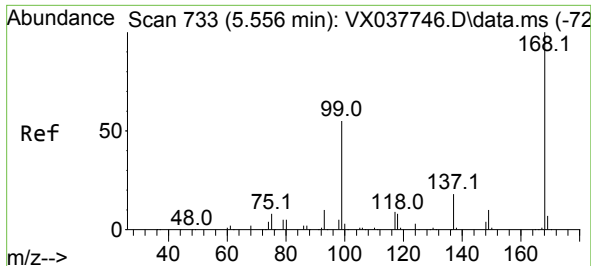
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 29 23:05:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
Quant Title : SW846 8260
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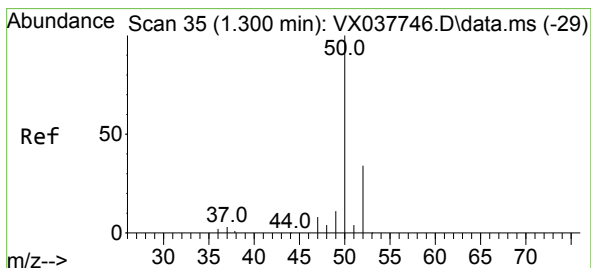
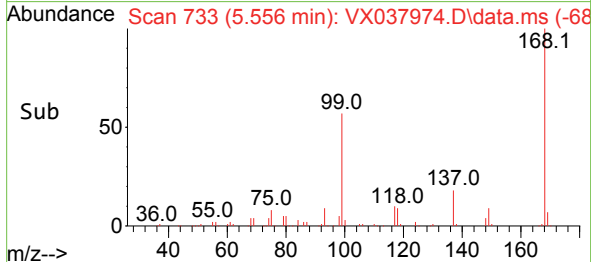
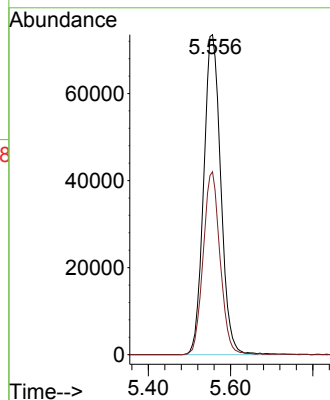
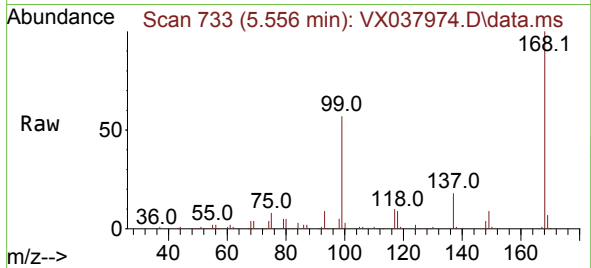




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

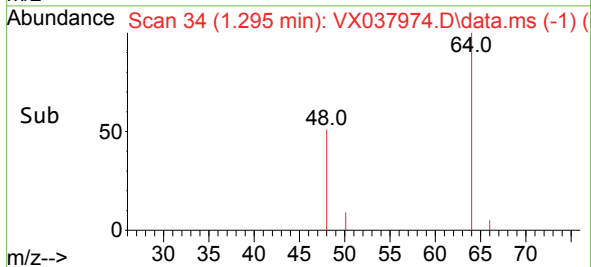
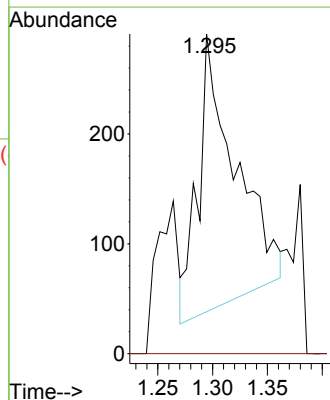
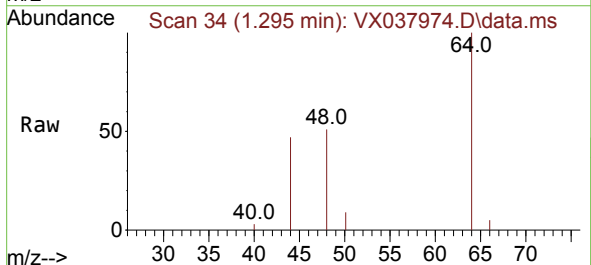
Instrument :
MSVOA_X
ClientSampleId :
TB-2

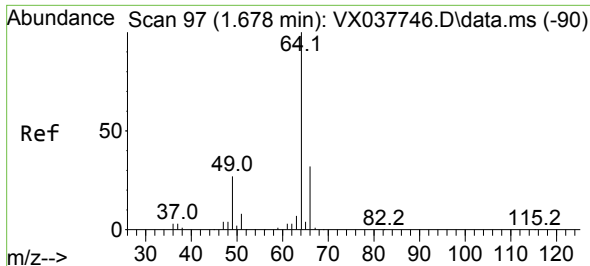
Tgt Ion:168 Resp: 212343
Ion Ratio Lower Upper
168 100
99 57.2 56.6 85.0



#3
Chloromethane
Concen: 0.243 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

Tgt Ion: 50 Resp: 591
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#

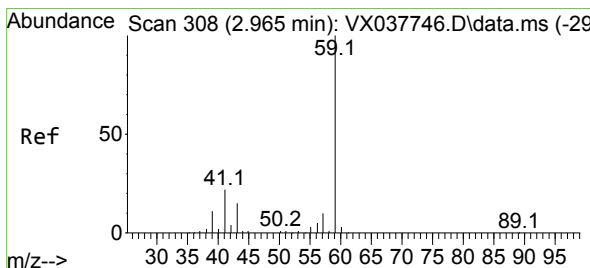
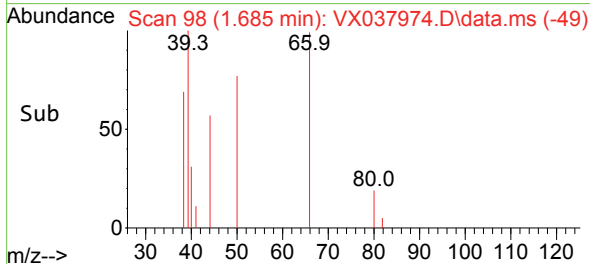
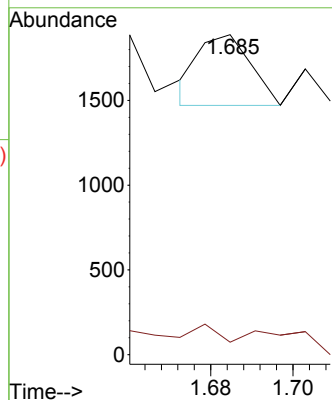
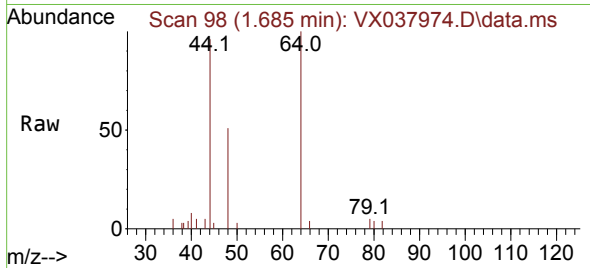




#6
Chloroethane
Concen: 0.201 ug/l
RT: 1.685 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

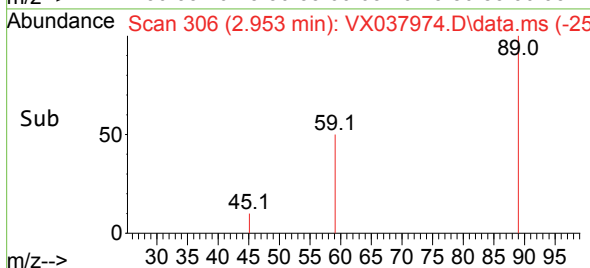
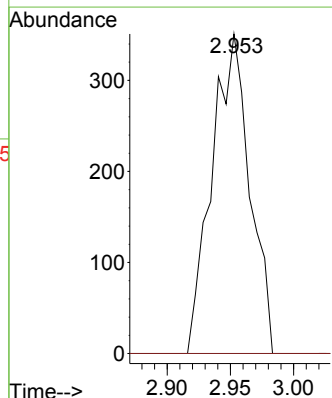
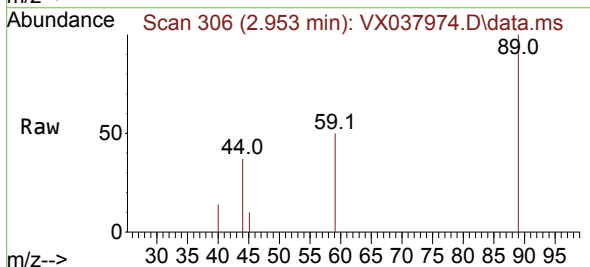
Instrument :
MSVOA_X
ClientSampleId :
TB-2

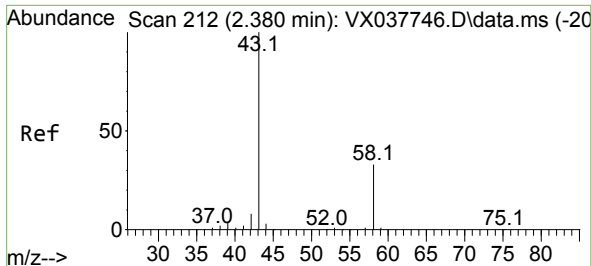
Tgt Ion: 64 Resp: 364
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.222 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.012 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

Tgt Ion: 59 Resp: 732
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

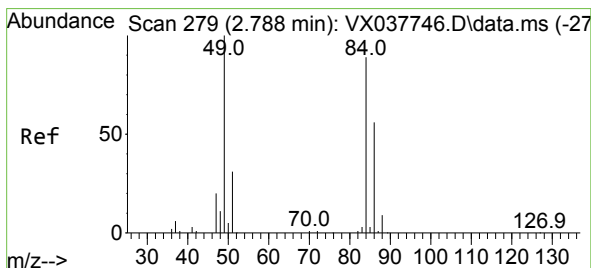
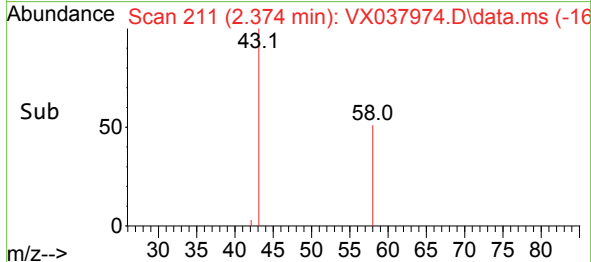
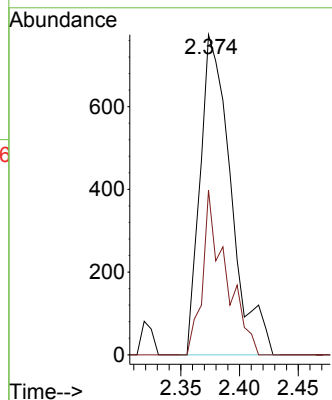
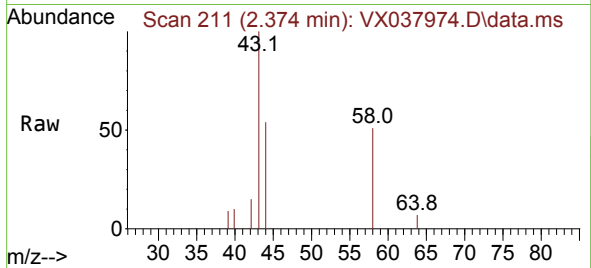




#16
Acetone
Concen: 1.051 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

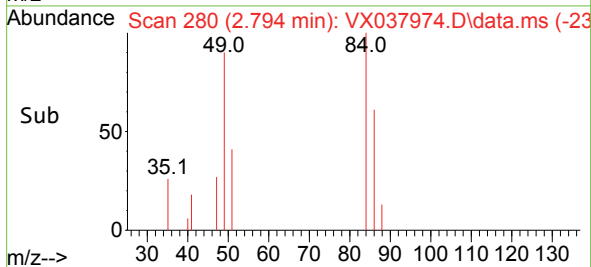
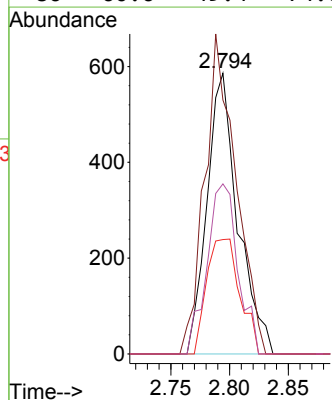
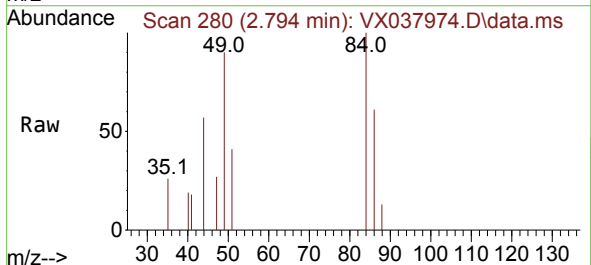
Instrument :
MSVOA_X
ClientSampleId :
TB-2

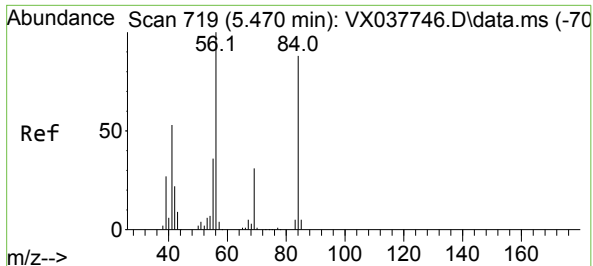
Tgt Ion: 43 Resp: 1411
Ion Ratio Lower Upper
43 100
58 51.4 21.9 32.9#



#20
Methylene Chloride
Concen: 0.407 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

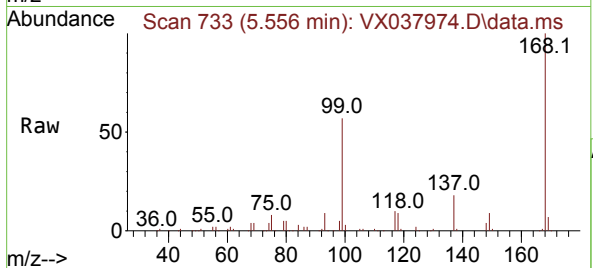
Tgt Ion: 84 Resp: 1071
Ion Ratio Lower Upper
84 100
49 90.4 103.6 155.4#
51 40.8 33.8 50.6
86 60.6 49.4 74.0



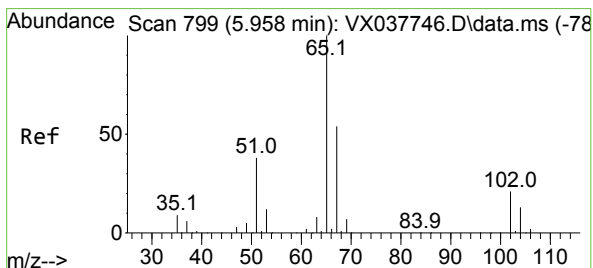
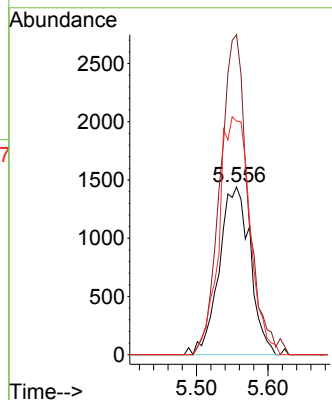
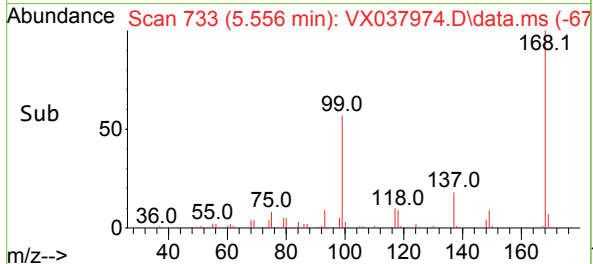


#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

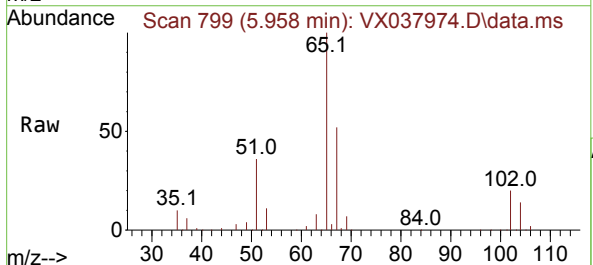
Instrument :
MSVOA_X
ClientSampleId :
TB-2



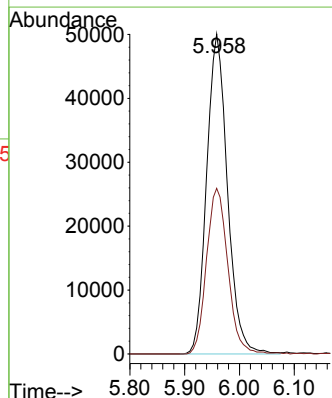
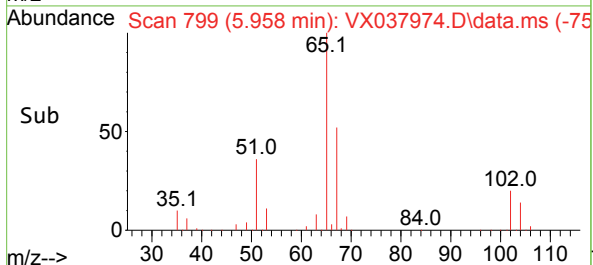
Tgt Ion: 56 Resp: 4357
Ion Ratio Lower Upper
56 100
69 190.9 23.4 35.2#
84 139.3 65.9 98.9#

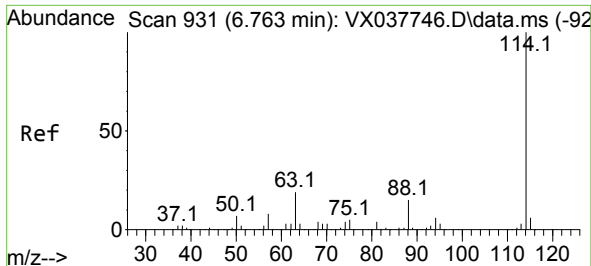


#33
1,2-Dichloroethane-d4
Concen: 47.274 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37



Tgt Ion: 65 Resp: 131889
Ion Ratio Lower Upper
65 100
67 53.0 0.0 100.2

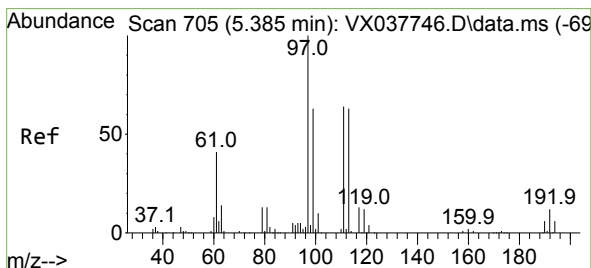
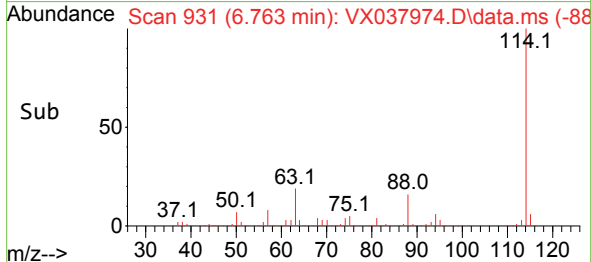
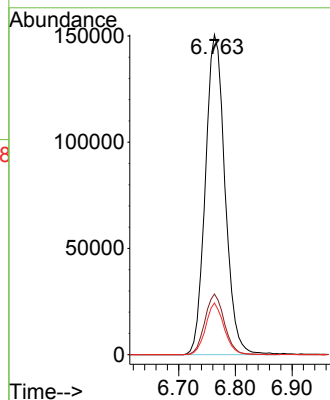
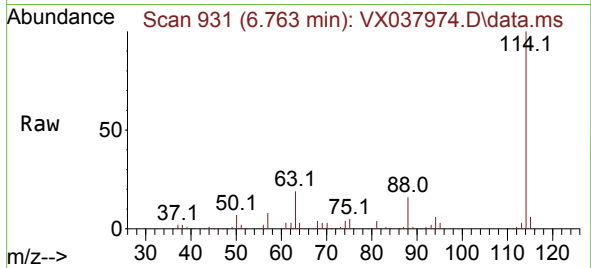




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

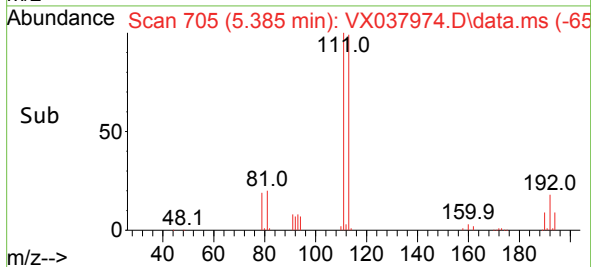
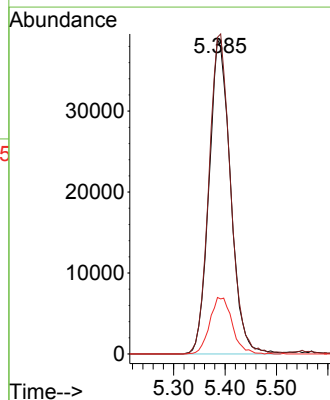
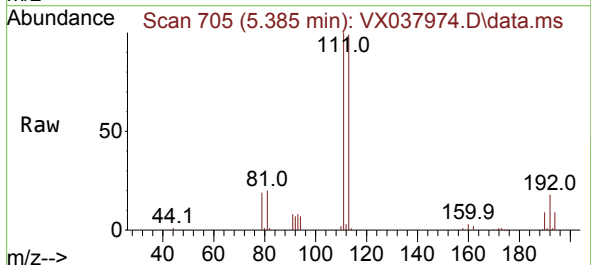
Instrument :
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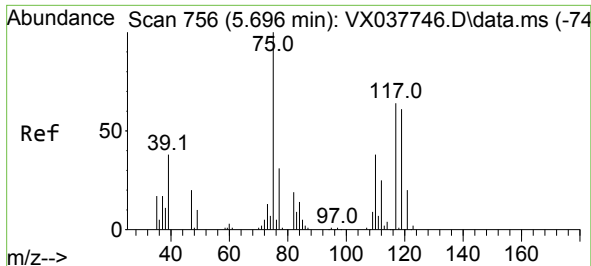
Tgt Ion:114 Resp: 361942
Ion Ratio Lower Upper
114 100
63 18.9 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.615 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

Tgt Ion:113 Resp: 112890
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 18.7 13.3 19.9

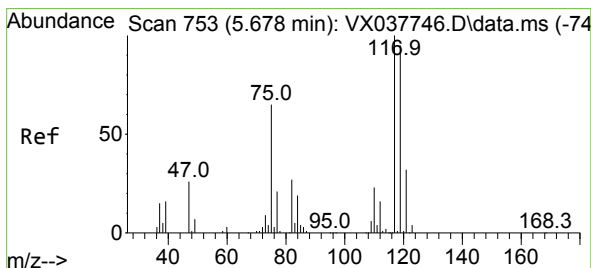
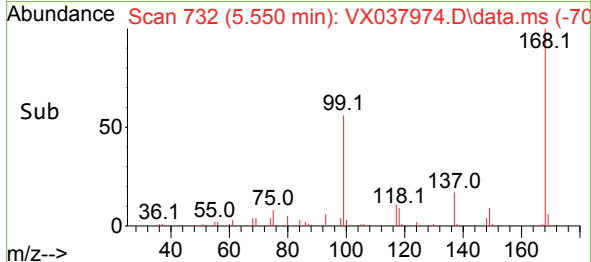
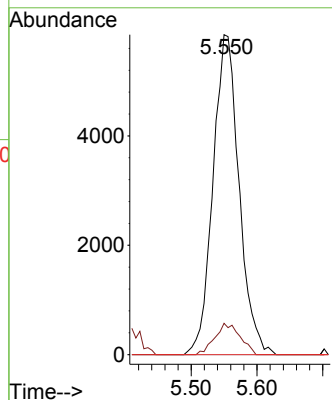
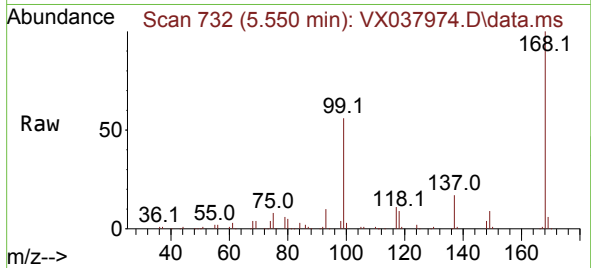




#36
1,1-Dichloropropene
Concen: 4.836 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

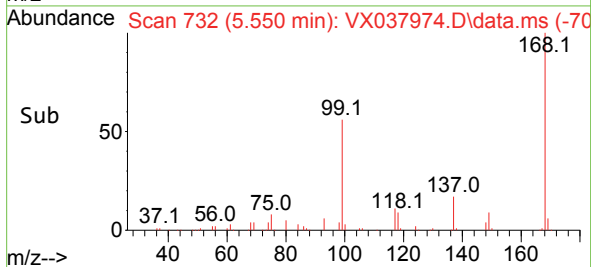
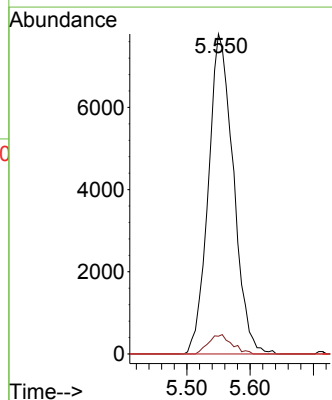
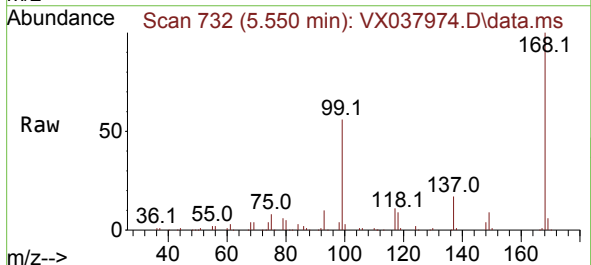
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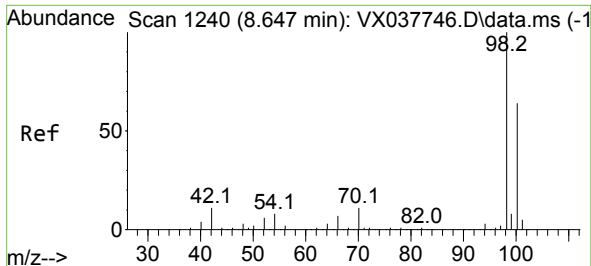
Tgt Ion: 75 Resp: 16135
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.128 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

Tgt Ion: 117 Resp: 21390
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

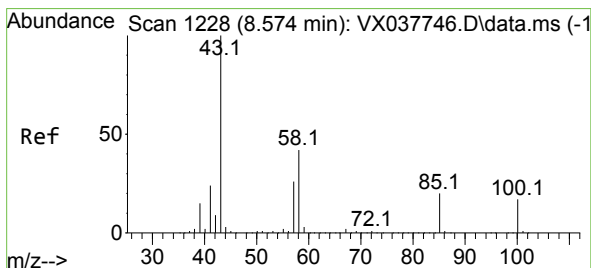
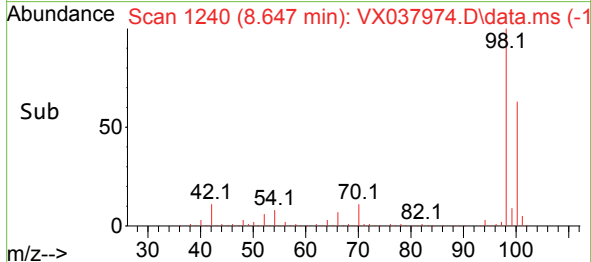
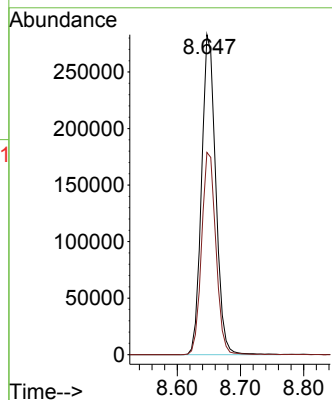
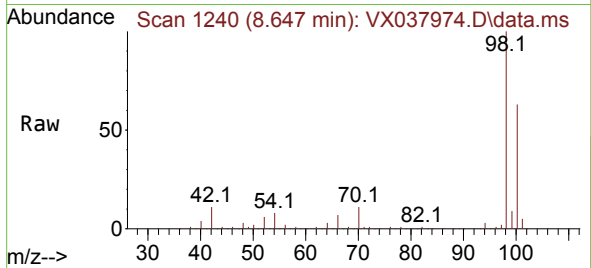




#50
Toluene-d8
Concen: 49.090 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

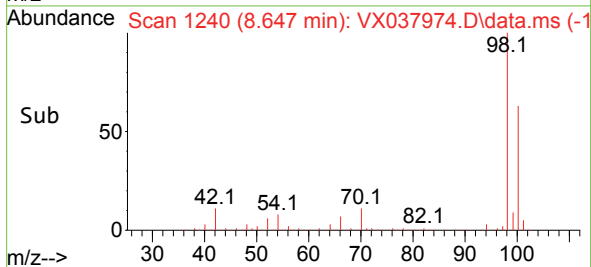
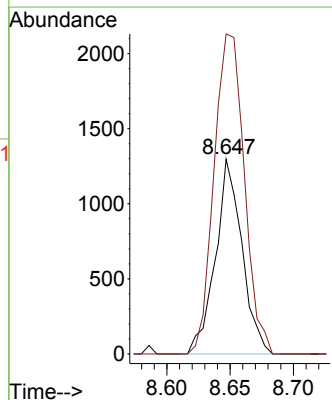
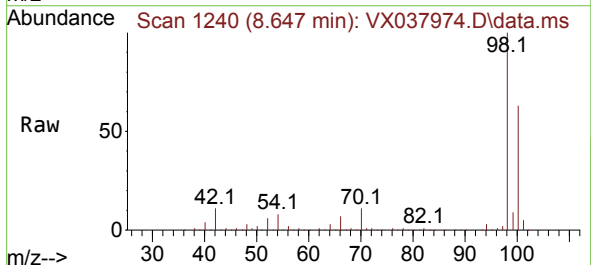
Instrument :
MSVOA_X
ClientSampleId :
TB-2

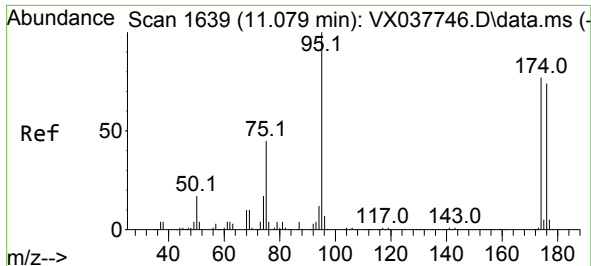
Tgt Ion: 98 Resp: 441730
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.508 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

Tgt Ion: 43 Resp: 1890
Ion Ratio Lower Upper
43 100
58 187.6 30.4 45.6#

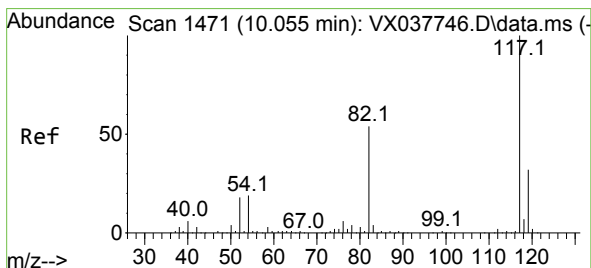
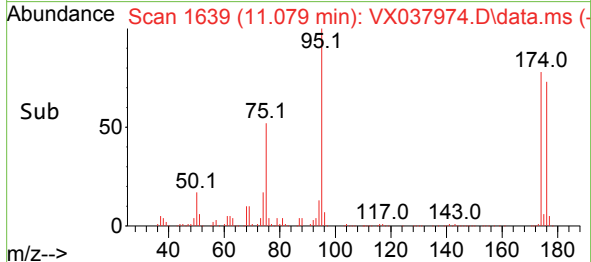
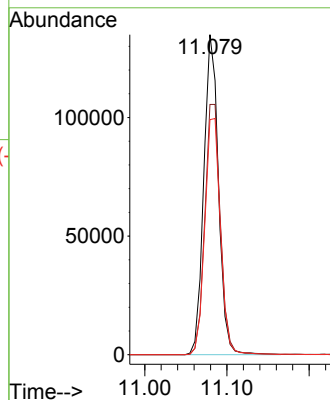
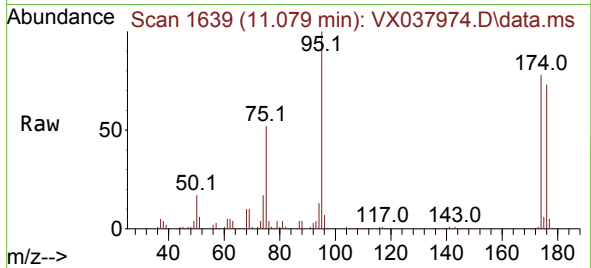




#62
4-Bromofluorobenzene
Concen: 51.179 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

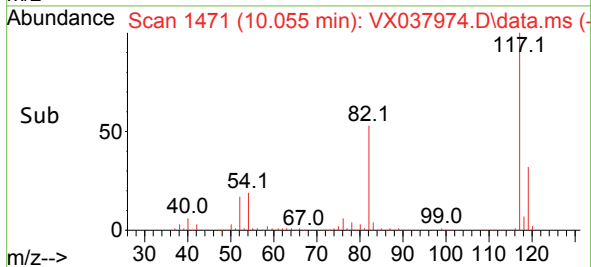
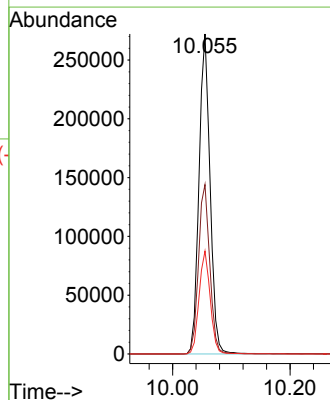
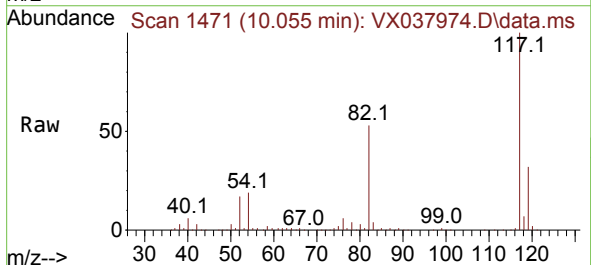
Instrument :
MSVOA_X
ClientSampleId :
TB-2

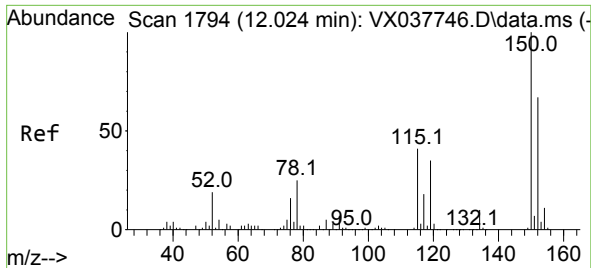
Tgt Ion: 95 Resp: 167348
Ion Ratio Lower Upper
95 100
174 83.3 0.0 135.6
176 79.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037974.D
Acq: 29 Sep 2023 14:37

Tgt Ion: 117 Resp: 356417
Ion Ratio Lower Upper
117 100
82 53.0 46.2 69.4
119 32.1 25.5 38.3

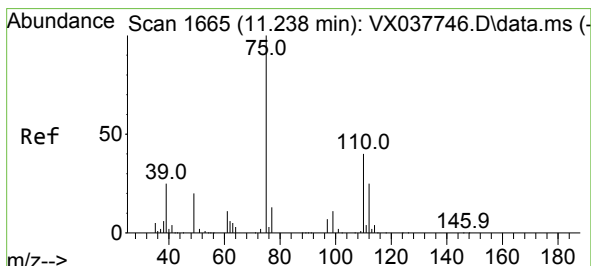
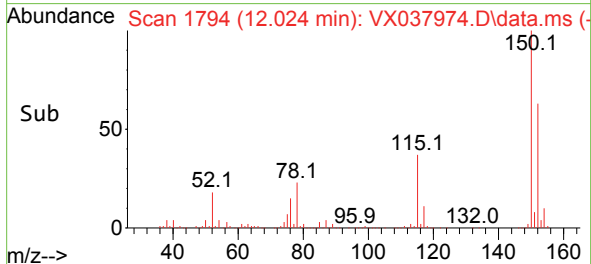
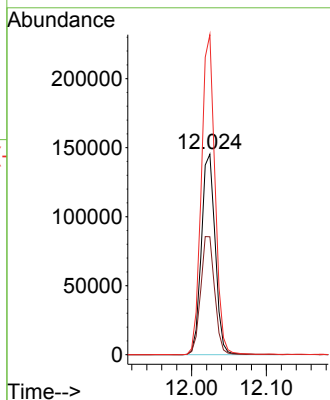
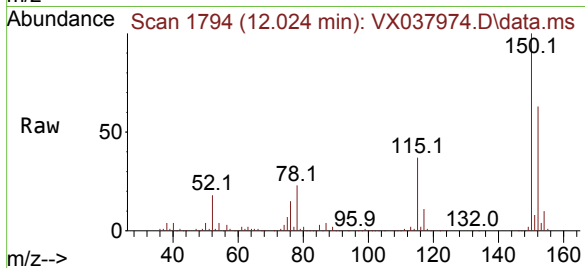




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX037974.D
 Acq: 29 Sep 2023 14:37

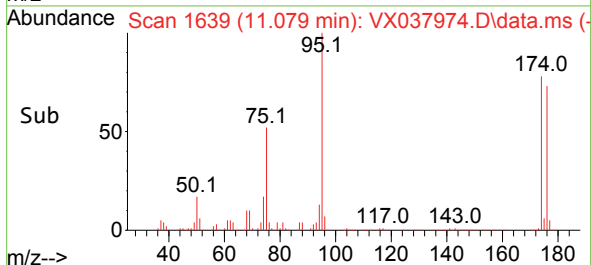
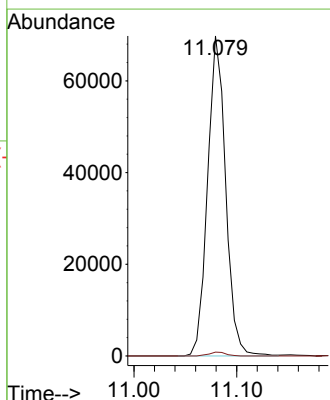
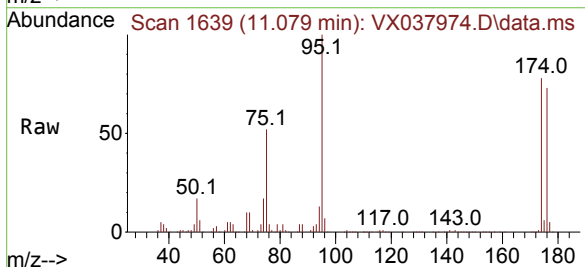
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2

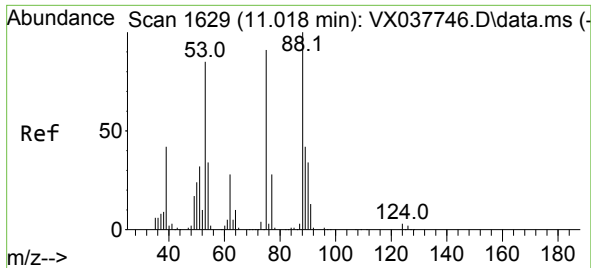
Tgt Ion:152 Resp: 186747
 Ion Ratio Lower Upper
 152 100
 115 59.7 43.3 129.9
 150 157.7 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 19.745 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037974.D
 Acq: 29 Sep 2023 14:37

Tgt Ion: 75 Resp: 85284
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.250 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX037974.D
 Acq: 29 Sep 2023 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2

Tgt Ion: 75 Resp: 85284
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

