

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082423\
 Data File : VX037248.D
 Acq On : 25 Aug 2023 05:11
 Operator : JC/MD
 Sample : 04095-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 25 07:46:17 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	147091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	218833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98653	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	92665	43.698	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.400%
35) Dibromofluoromethane	5.385	113	74600	46.261	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	8.647	98	282735	48.335	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.660%
62) 4-Bromofluorobenzene	11.079	95	106389	46.281	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.560%

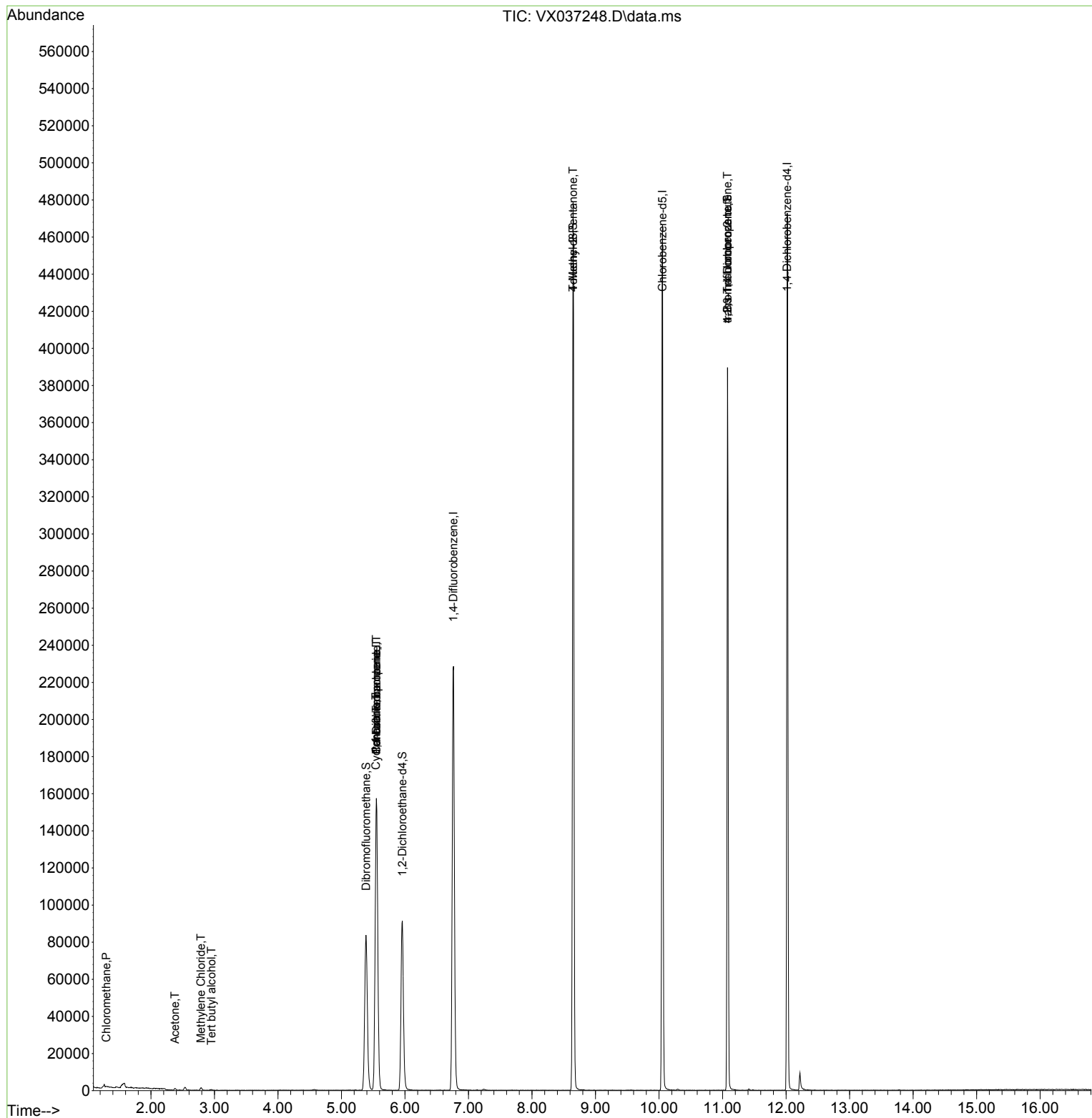
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	402	0.269	ug/l #	80
11) Tert butyl alcohol	2.953	59	292	0.587	ug/l #	78
16) Acetone	2.380	43	1122	1.352	ug/l	92
20) Methylene Chloride	2.788	84	753	0.406	ug/l #	72
31) Cyclohexane	5.544	56	2989	1.254	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11649	5.085	ug/l #	51
38) Carbon Tetrachloride	5.550	117	16073	6.458	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1049	0.465	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53725	25.571	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53725	71.422	ug/l #	5

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

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ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

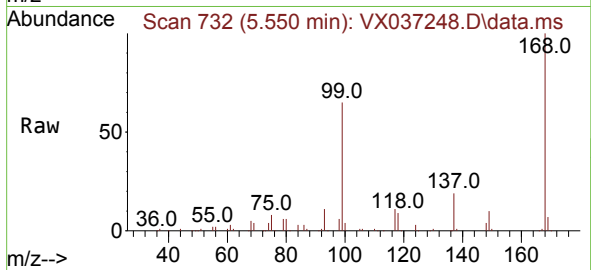
Quant Time: Aug 25 07:46:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration



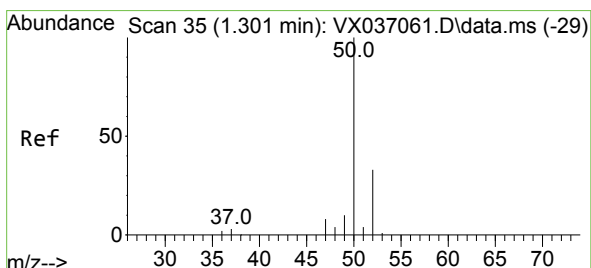
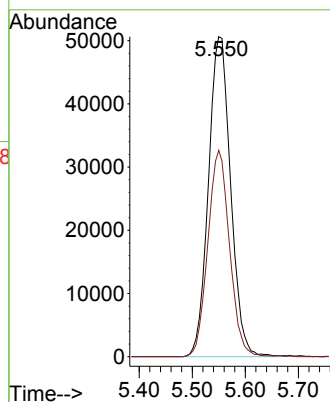
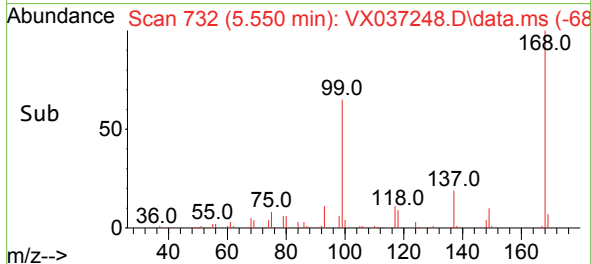


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

Instrument :
MSVOA_X
ClientSampleId :

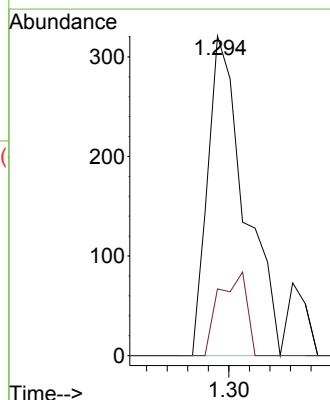
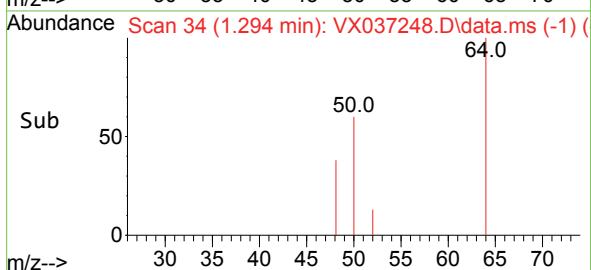
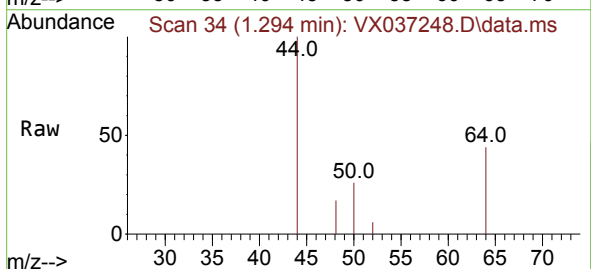


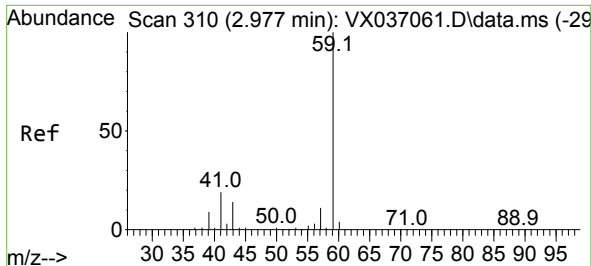
Tgt Ion:168 Resp: 147091
Ion Ratio Lower Upper
168 100
99 64.5 56.6 85.0



#3
Chloromethane
Concen: 0.269 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

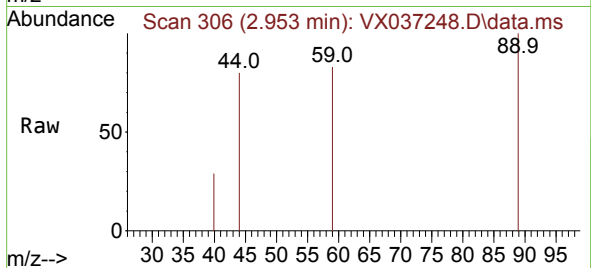
Tgt Ion: 50 Resp: 402
Ion Ratio Lower Upper
50 100
52 20.9 25.5 38.3#



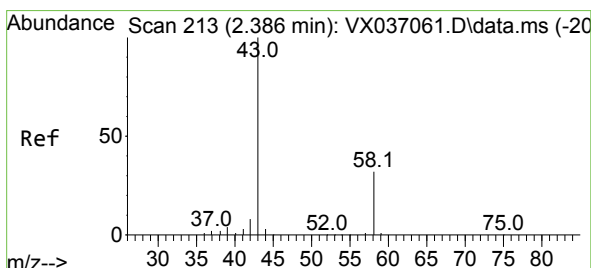
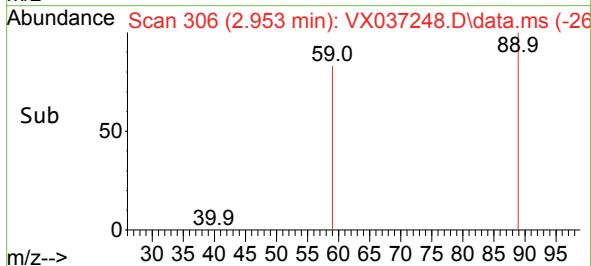
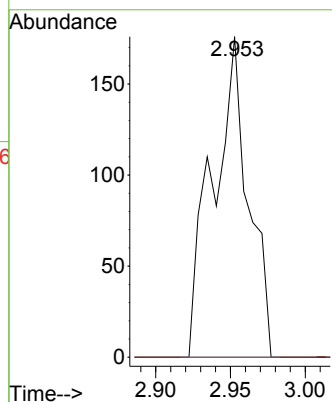


#11
Tert butyl alcohol
Concen: 0.587 ug/l
RT: 2.953 min Scan# 30
Delta R.T. -0.024 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

Instrument :
MSVOA_X
ClientSampleId :

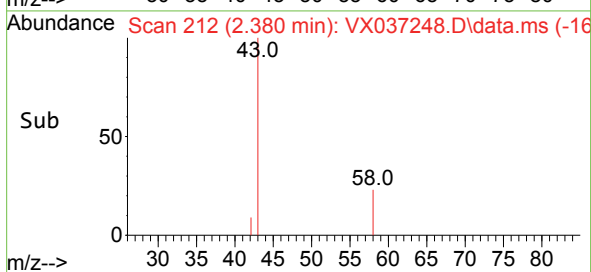
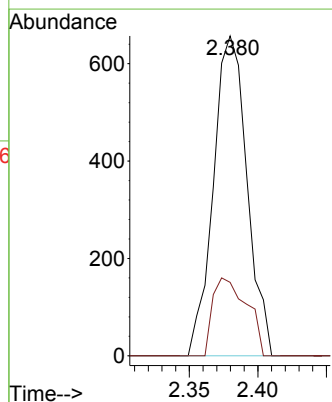
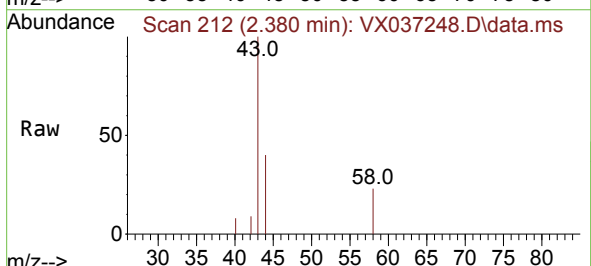


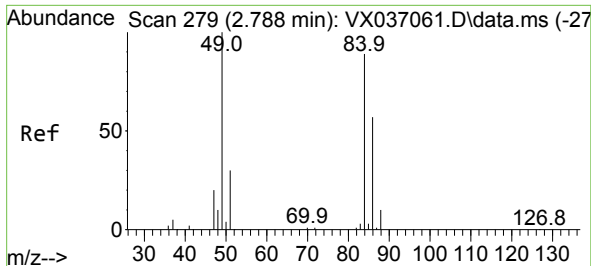
Tgt Ion: 59 Resp: 292
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 1.352 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

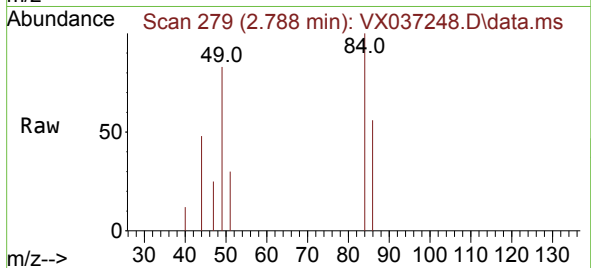
Tgt Ion: 43 Resp: 1122
Ion Ratio Lower Upper
43 100
58 23.0 21.9 32.9





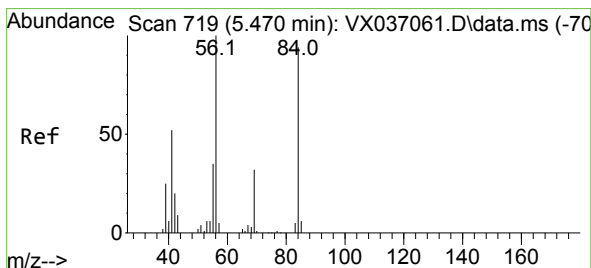
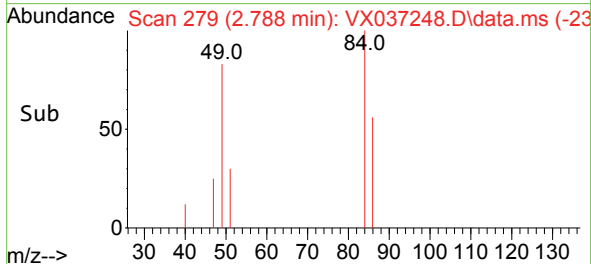
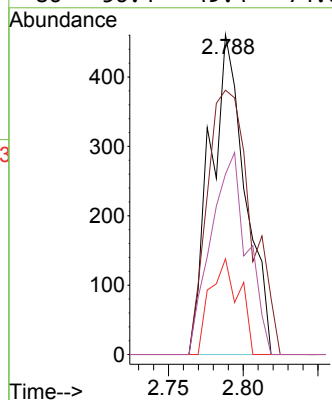
#20
Methylene Chloride
Concen: 0.406 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 753

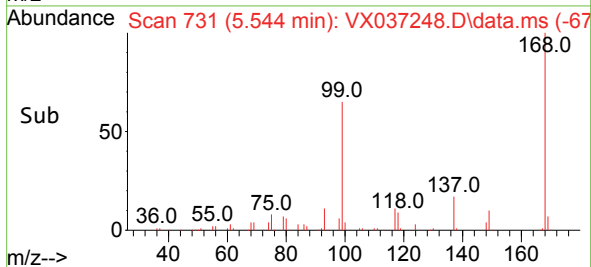
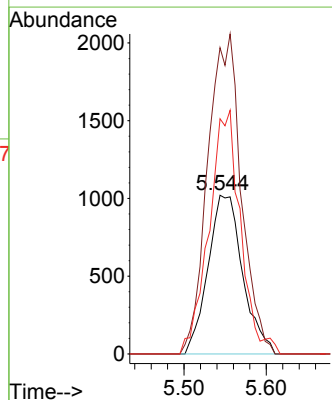
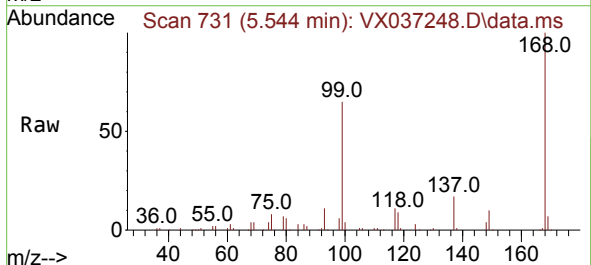
Ion	Ratio	Lower	Upper
84	100		
49	82.6	103.6	155.4#
51	29.9	33.8	50.6#
86	56.4	49.4	74.0

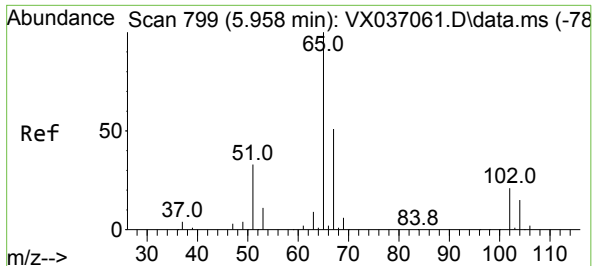


#31
Cyclohexane
Concen: 1.254 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

Tgt Ion: 56 Resp: 2989

Ion	Ratio	Lower	Upper
56	100		
69	192.9	23.4	35.2#
84	148.2	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.698 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX037248.D

Acq: 25 Aug 2023 05:11

Instrument :

MSVOA_X

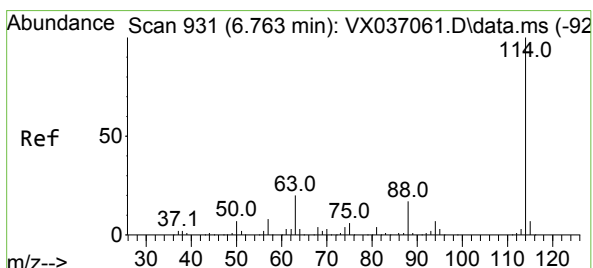
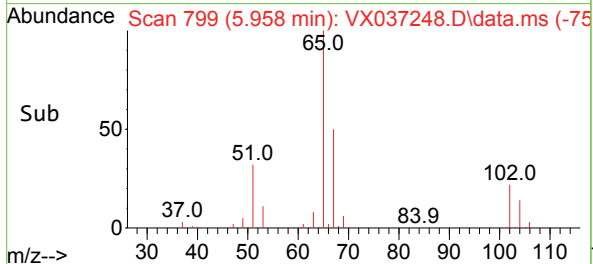
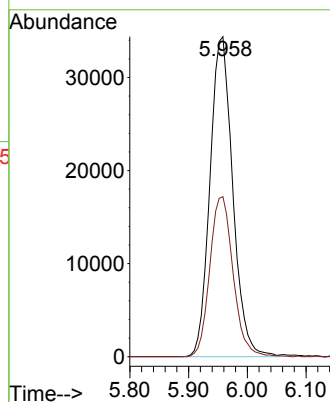
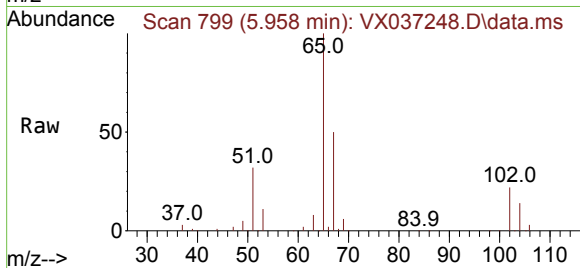
ClientSampleId :

Tgt Ion: 65 Resp: 92665

Ion Ratio Lower Upper

65 100

67 51.1 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: VX037248.D

Acq: 25 Aug 2023 05:11

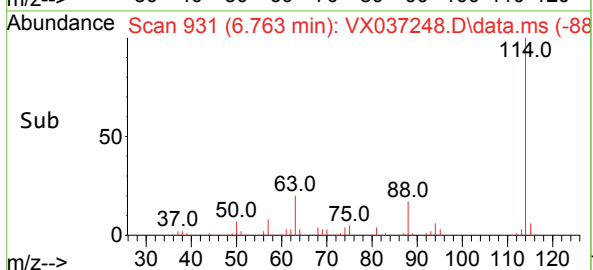
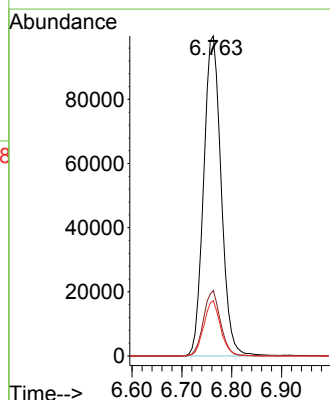
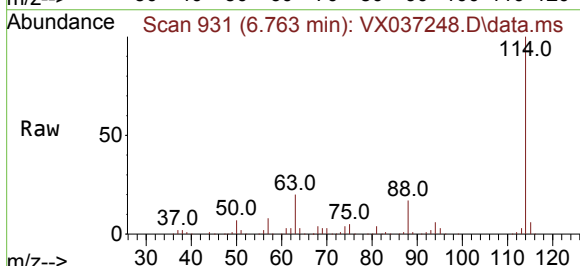
Tgt Ion: 114 Resp: 243494

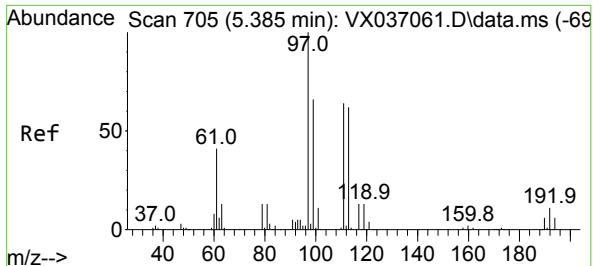
Ion Ratio Lower Upper

114 100

63 20.5 0.0 45.0

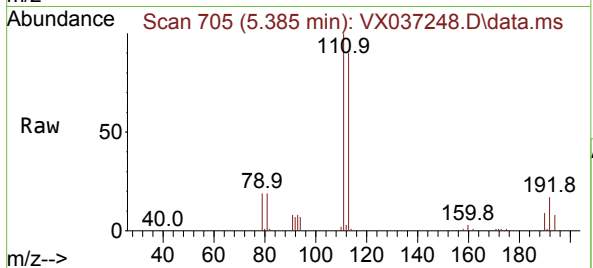
88 17.3 0.0 36.6



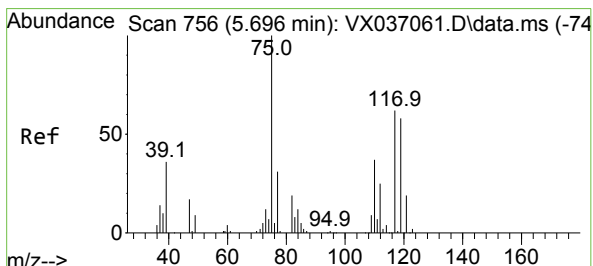
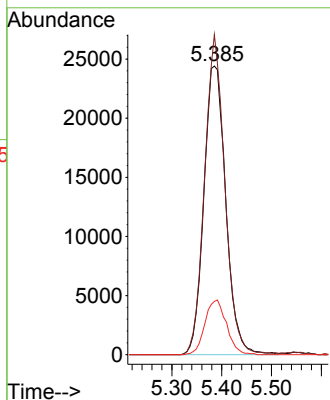
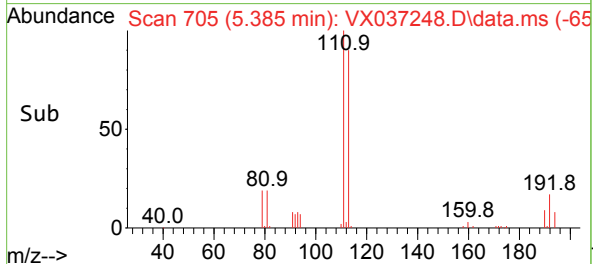


#35
Dibromofluoromethane
Concen: 46.261 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

Instrument :
MSVOA_X
ClientSampleId :

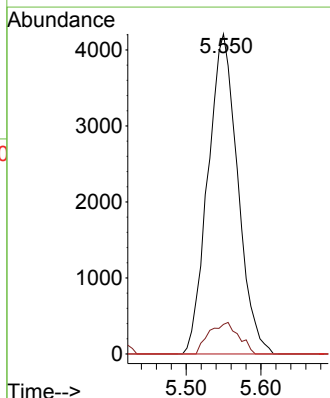
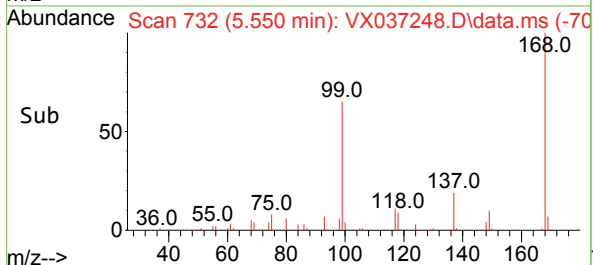
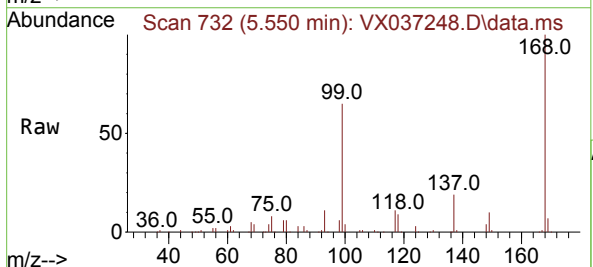


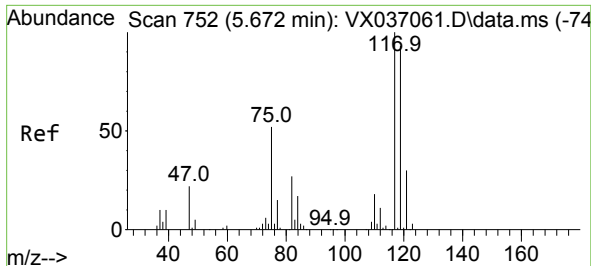
Tgt Ion:113 Resp: 74600
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 18.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.085 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

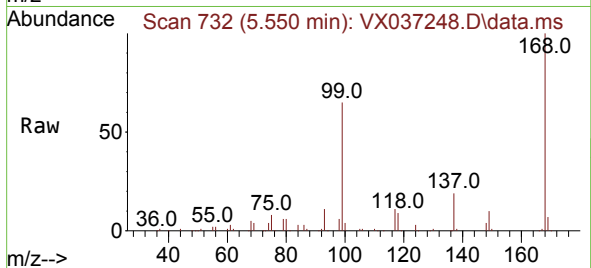
Tgt Ion: 75 Resp: 11649
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



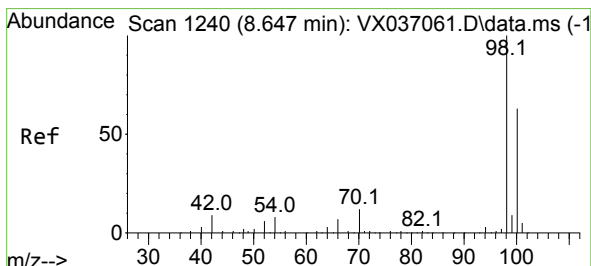
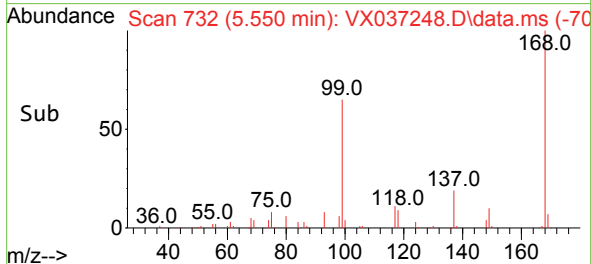
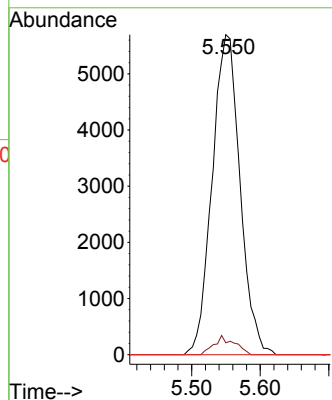


#38
Carbon Tetrachloride
Concen: 6.458 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

Instrument :
MSVOA_X
ClientSampleId :

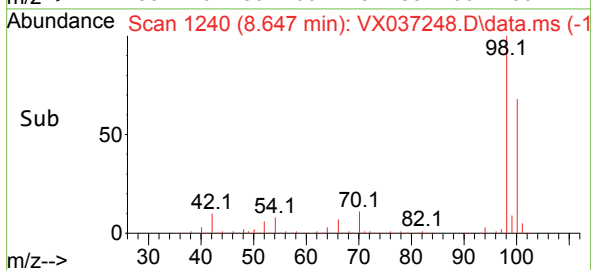
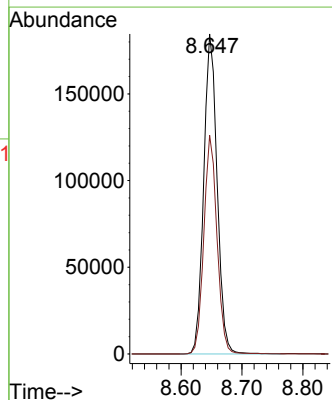
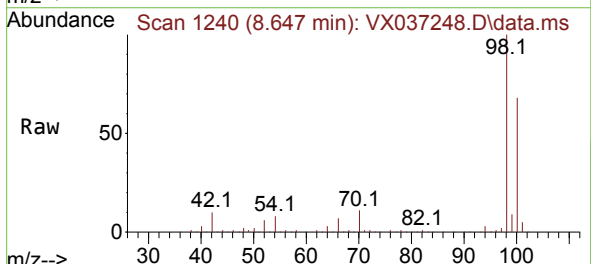


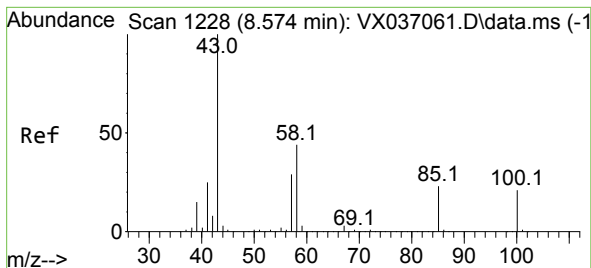
Tgt Ion:117 Resp: 16073
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.335 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

Tgt Ion: 98 Resp: 282735
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

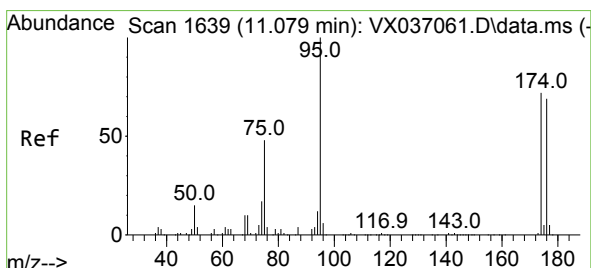
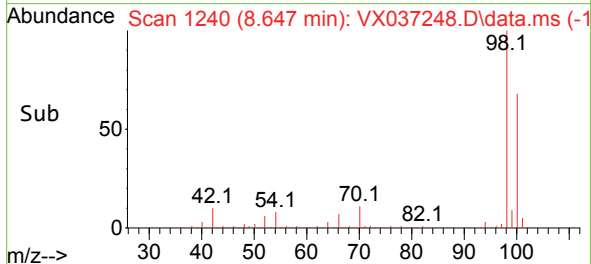
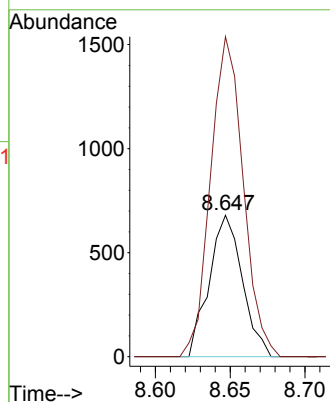
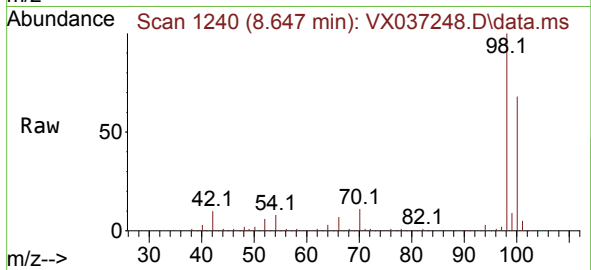




#51
4-Methyl-2-Pentanone
Concen: 0.465 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

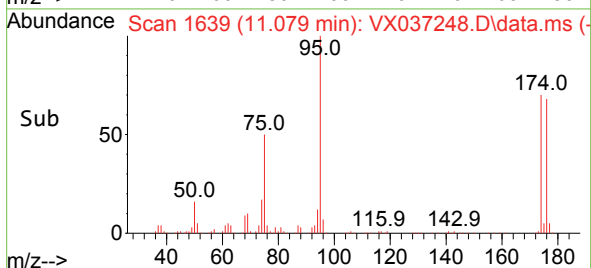
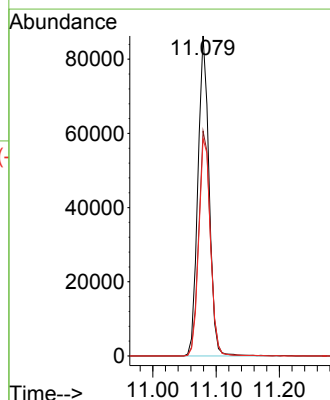
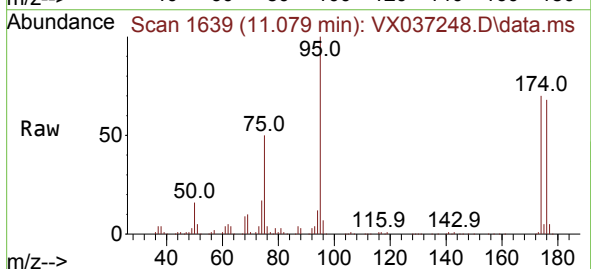
Instrument :
MSVOA_X
ClientSampleId :

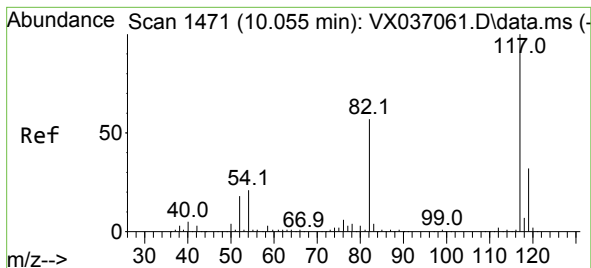
Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
58 222.4 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 46.281 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

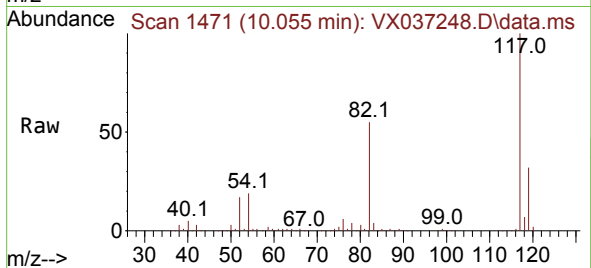
Tgt Ion: 95 Resp: 106389
Ion Ratio Lower Upper
95 100
174 73.4 0.0 135.6
176 70.8 0.0 131.0



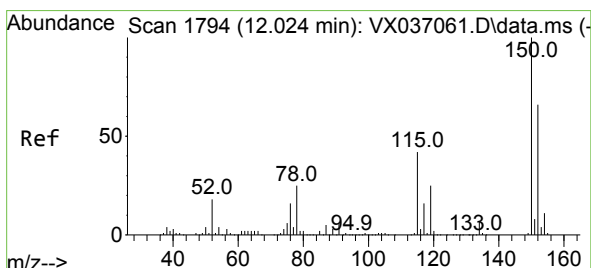
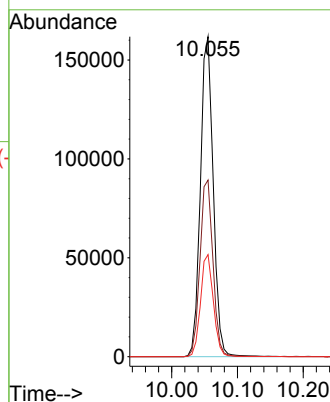
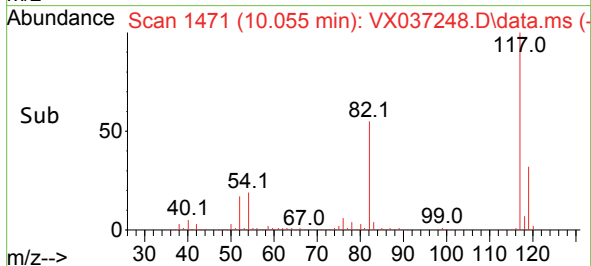


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11

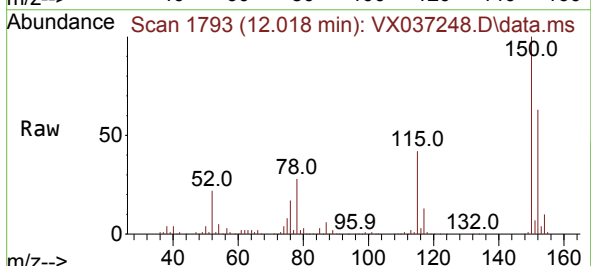
Instrument :
MSVOA_X
ClientSampleId :



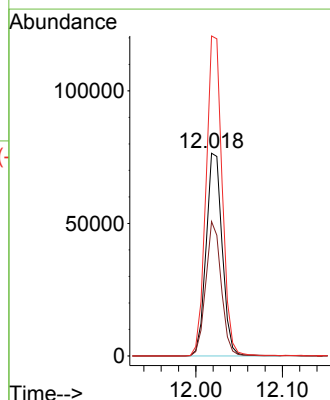
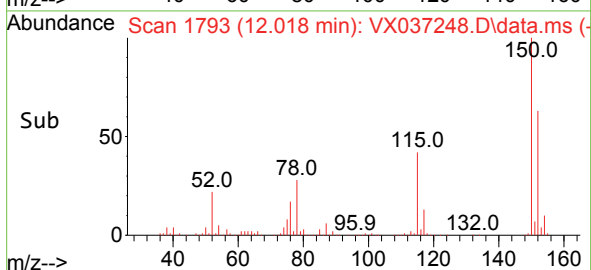
Tgt Ion:117 Resp: 218833
Ion Ratio Lower Upper
117 100
82 55.2 46.2 69.4
119 31.9 25.5 38.3

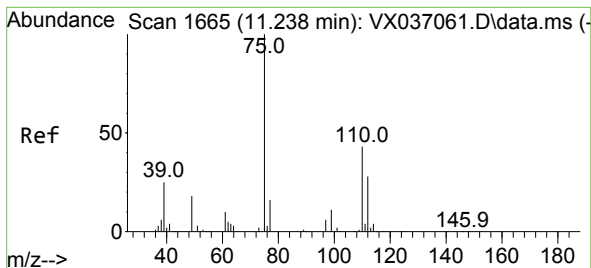


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037248.D
Acq: 25 Aug 2023 05:11



Tgt Ion:152 Resp: 98653
Ion Ratio Lower Upper
152 100
115 63.6 43.3 129.9
150 158.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.571 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX037248.D

Acq: 25 Aug 2023 05:11

Instrument :

MSVOA_X

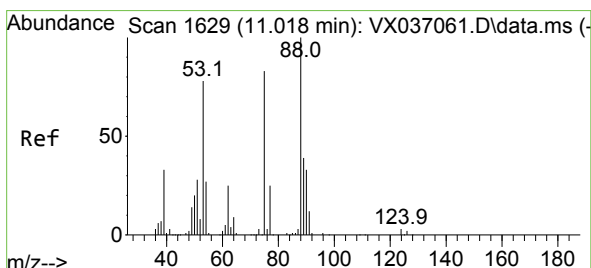
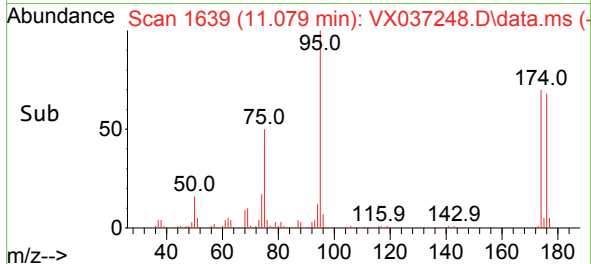
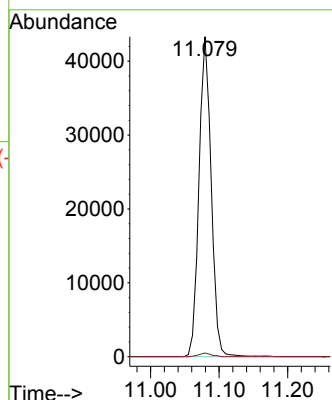
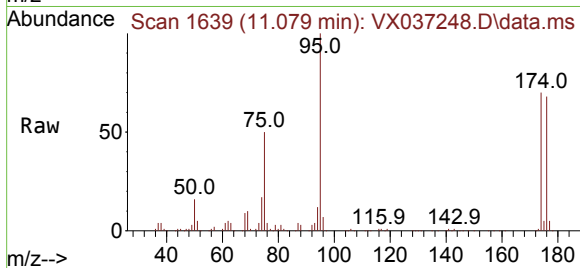
ClientSampleId :

Tgt Ion: 75 Resp: 53725

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.422 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037248.D

Acq: 25 Aug 2023 05:11

Tgt Ion: 75 Resp: 53725

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

