

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037667.D
 Acq On : 12 Sep 2023 14:35
 Operator : JC/MD
 Sample : 04373-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 13 01:45:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 10:10:04 2023
 Response via : Initial Calibration

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

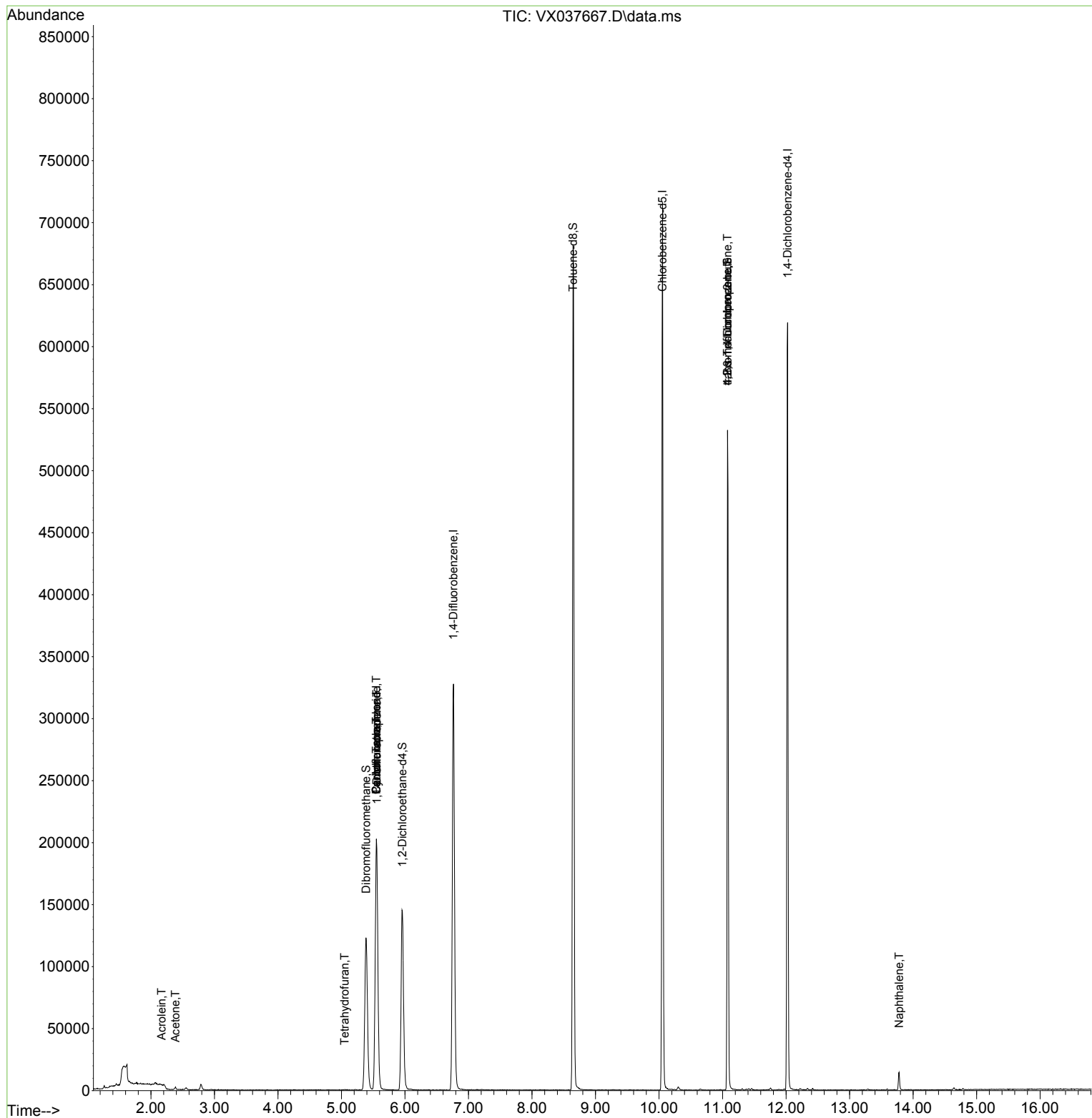
Internal Standards						
1) Pentafluorobenzene	5.550	168	186256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	336924	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	308251	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	139861	46.412	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.820%
35) Dibromofluoromethane	5.385	113	108871	45.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.180%
50) Toluene-d8	8.647	98	415461	46.128	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.260%
62) 4-Bromofluorobenzene	11.079	95	138237	42.542	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	254	Below Cal	#	78
13) Acrolein	2.166	56	260	0.528	ug/l #	14
16) Acetone	2.386	43	2064	1.694	ug/l	94
20) Methylene Chloride	2.782	84	2321	Below Cal	#	78
29) Tetrahydrofuran	5.050	42	332	0.262	ug/l #	34
31) Cyclohexane	5.550	56	4725	1.362	ug/l #	32
36) 1,1-Dichloropropene	5.556	75	15450	4.756	ug/l #	51
38) Carbon Tetrachloride	5.550	117	20081	6.050	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	73342	26.937	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	73342	81.882	ug/l #	5
95) Naphthalene	13.780	128	9861	1.083	ug/l	99

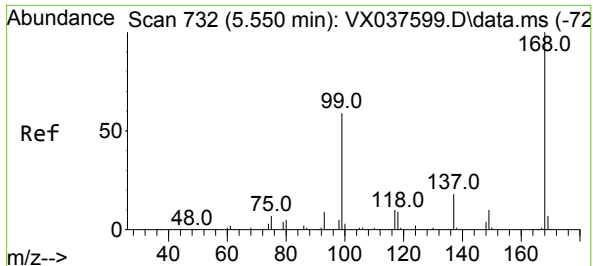
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
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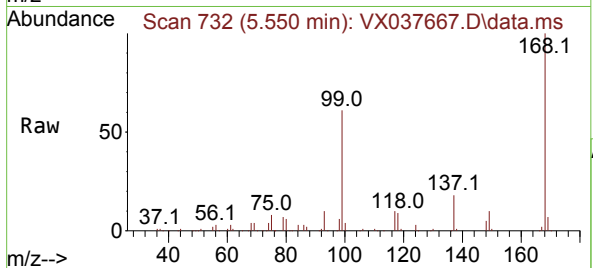
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 10:10:04 2023
Response via : Initial Calibration



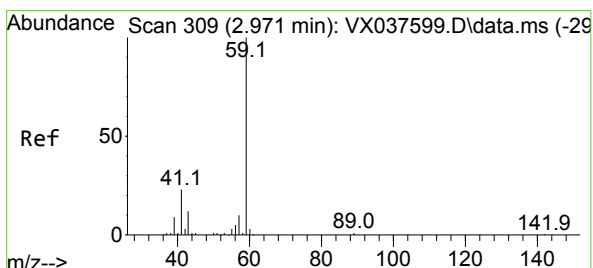
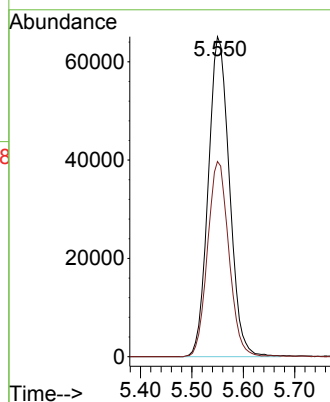
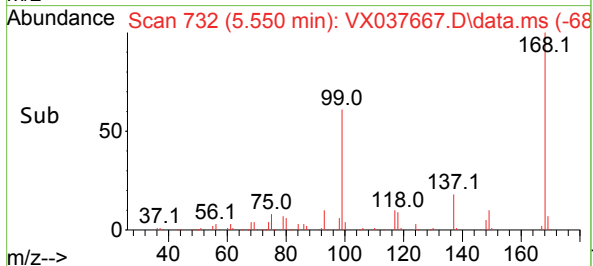


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :

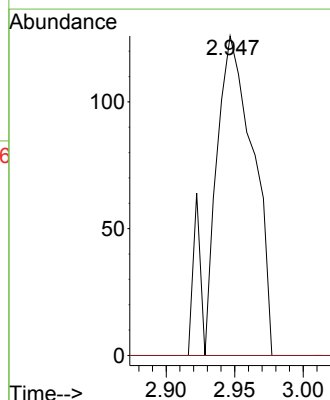
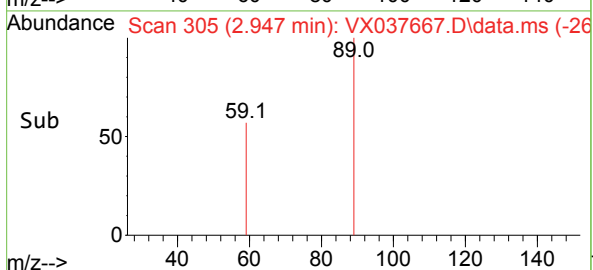
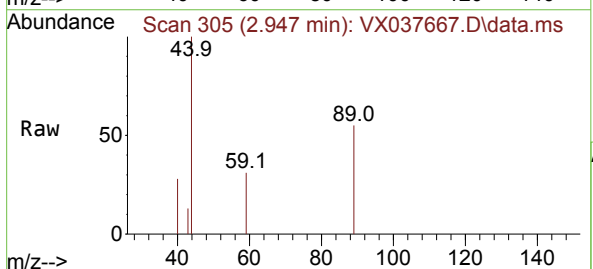


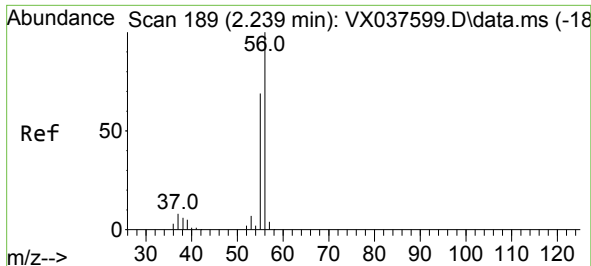
Tgt Ion:168 Resp: 186256
Ion Ratio Lower Upper
168 100
99 61.0 56.6 85.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.024 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

Tgt Ion: 59 Resp: 254
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.528 ug/l

RT: 2.166 min Scan# 11

Delta R.T. -0.073 min

Lab File: VX037667.D

Acq: 12 Sep 2023 14:35

Instrument :

MSVOA_X

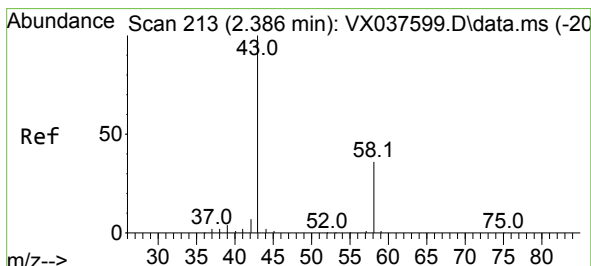
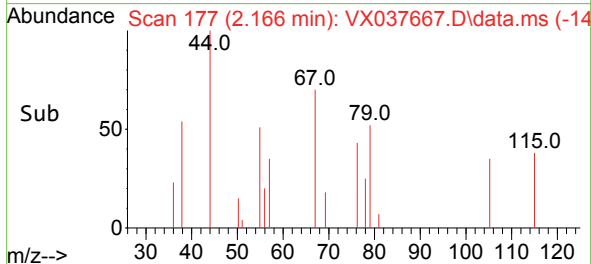
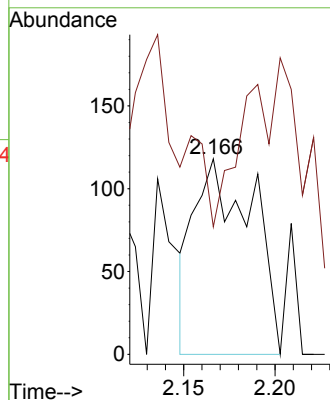
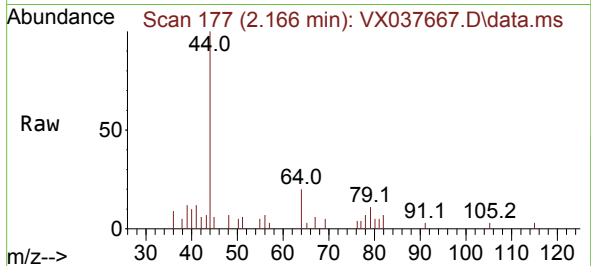
ClientSampleId :

Tgt Ion: 56 Resp: 260

Ion Ratio Lower Upper

56 100

55 0.0 57.1 85.7#



#16

Acetone

Concen: 1.694 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX037667.D

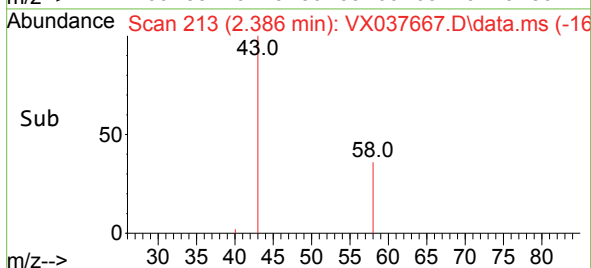
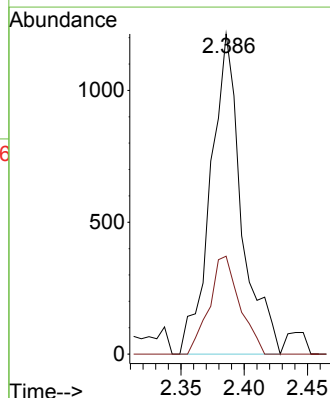
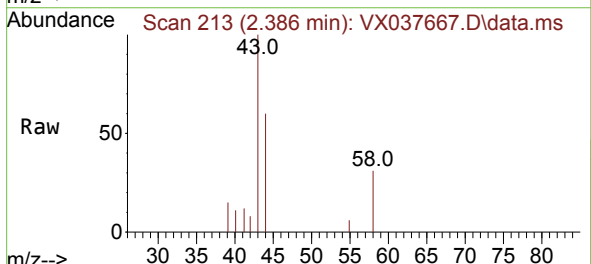
Acq: 12 Sep 2023 14:35

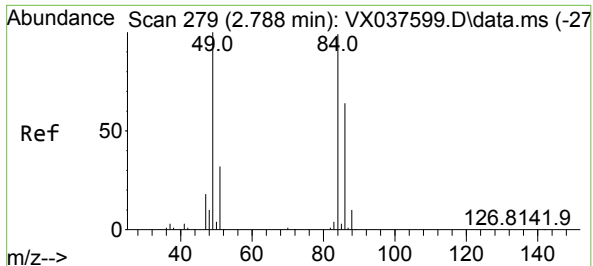
Tgt Ion: 43 Resp: 2064

Ion Ratio Lower Upper

43 100

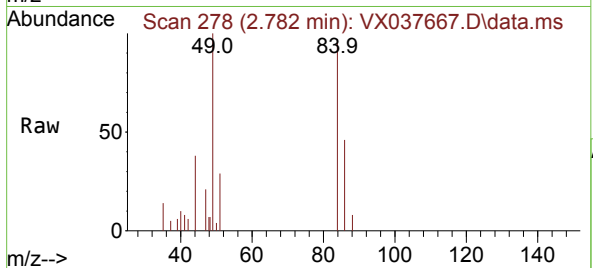
58 30.6 21.9 32.9



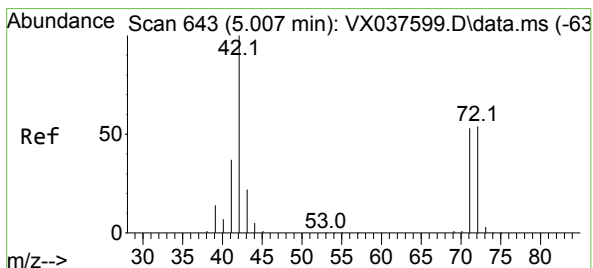
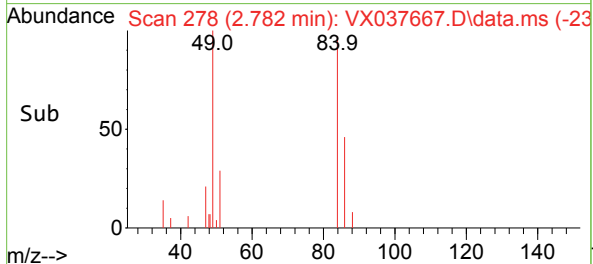
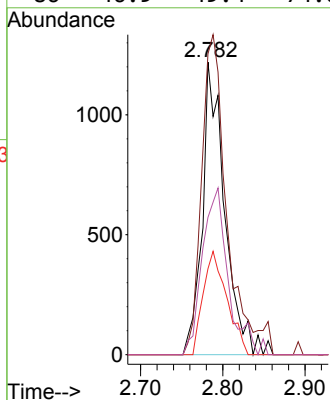


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :

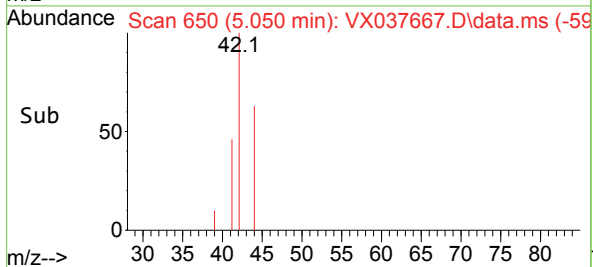
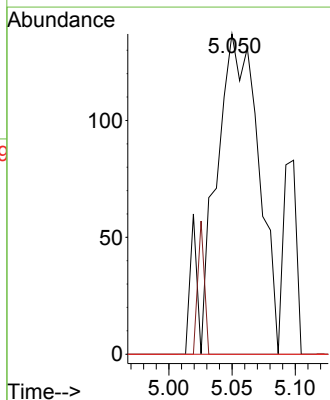
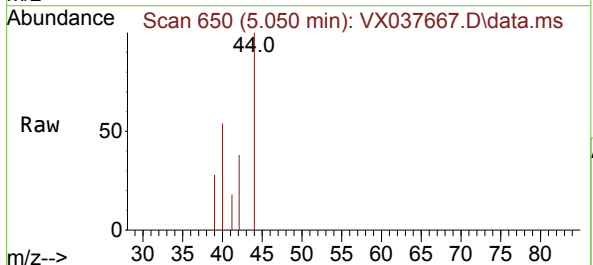


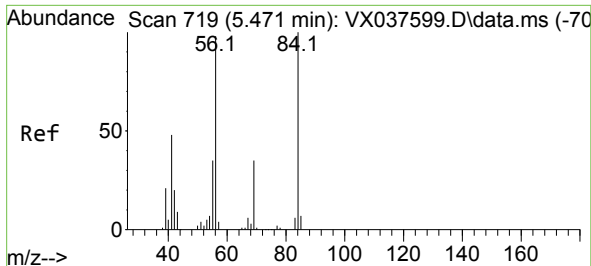
Tgt Ion:	84	Resp:	2321
Ion	Ratio	Lower	Upper
84	100		
49	102.8	103.6	155.4#
51	29.3	33.8	50.6#
86	46.9	49.4	74.0#



#29
Tetrahydrofuran
Concen: 0.262 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.043 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

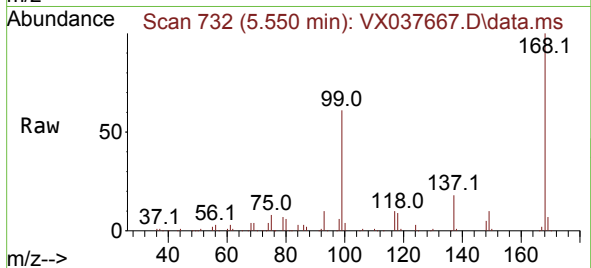
Tgt Ion:	42	Resp:	332
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



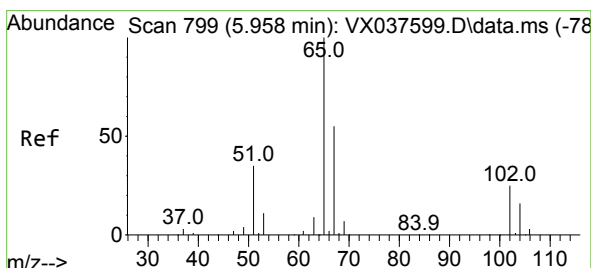
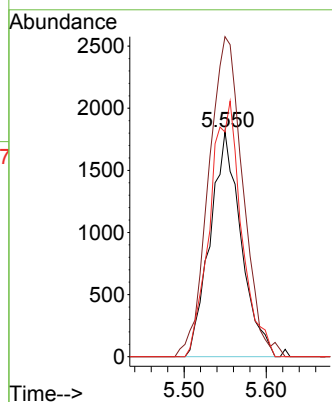
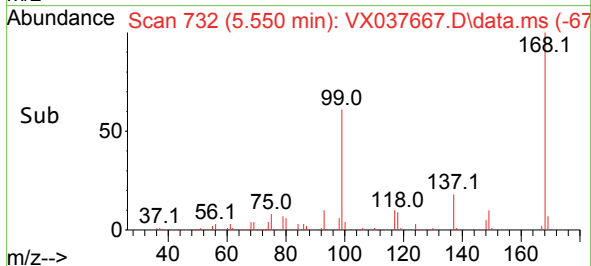


#31
Cyclohexane
Concen: 1.362 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

Instrument :
MSVOA_X
ClientSampleId :

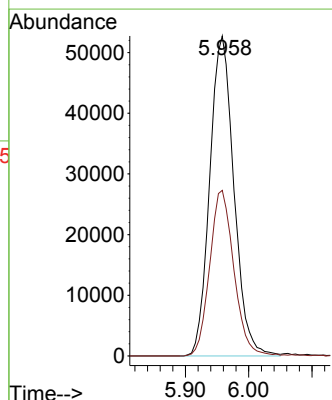
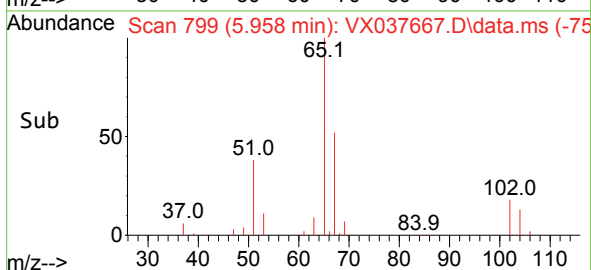
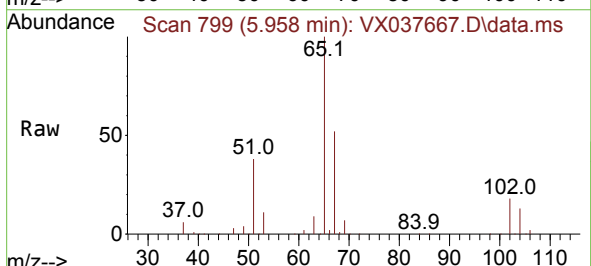


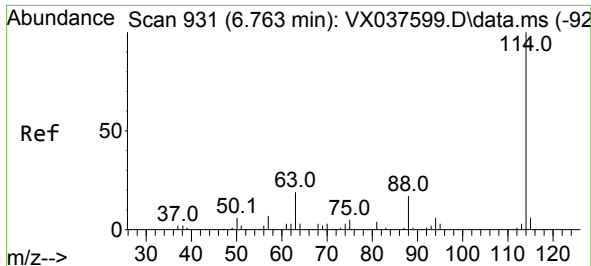
Tgt Ion: 56 Resp: 4725
Ion Ratio Lower Upper
56 100
69 139.0 23.4 35.2#
84 99.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.412 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

Tgt Ion: 65 Resp: 139861
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2

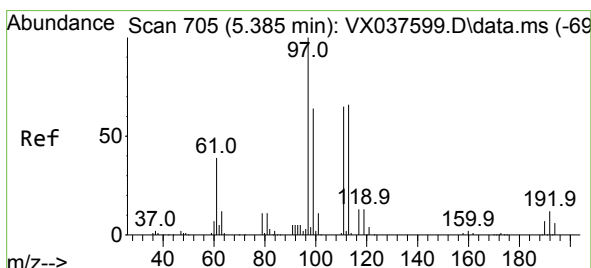
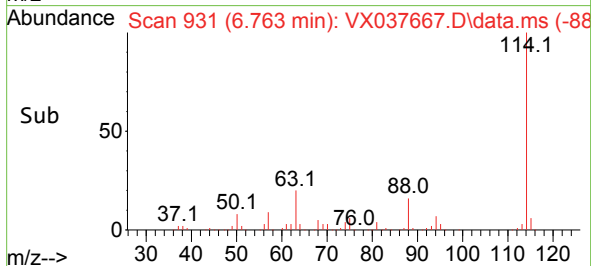
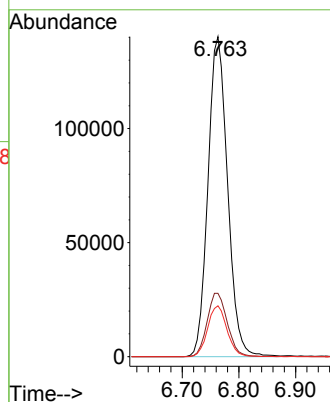
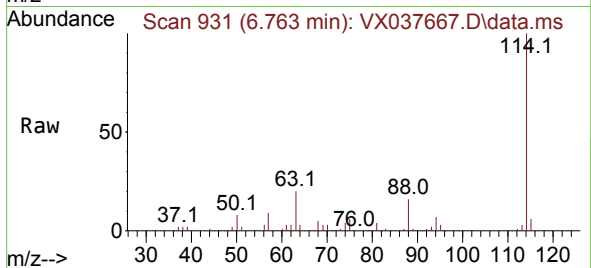




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

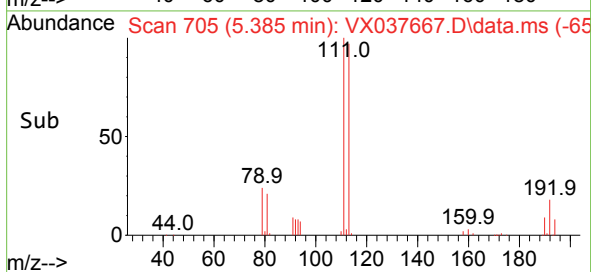
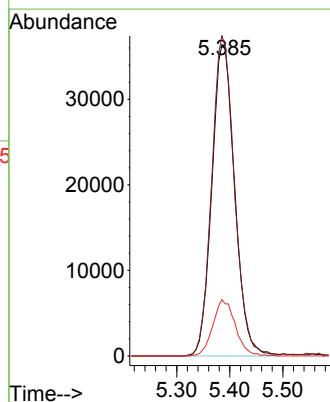
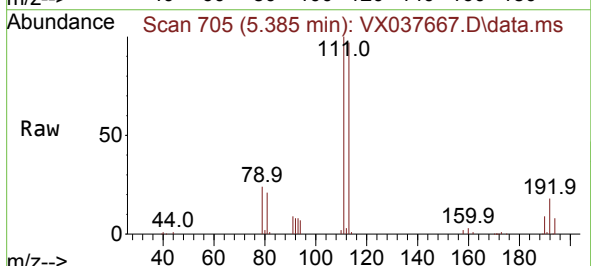
Instrument :
MSVOA_X
ClientSampleId :

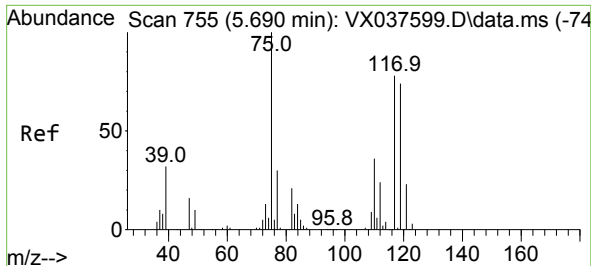
Tgt Ion:114 Resp: 336924
Ion Ratio Lower Upper
114 100
63 19.8 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.588 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

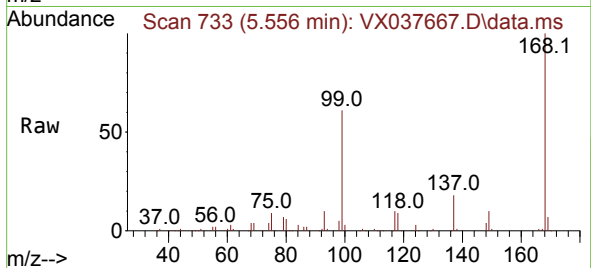
Tgt Ion:113 Resp: 108871
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 17.8 13.3 19.9



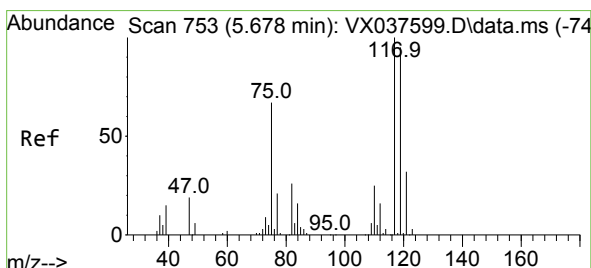
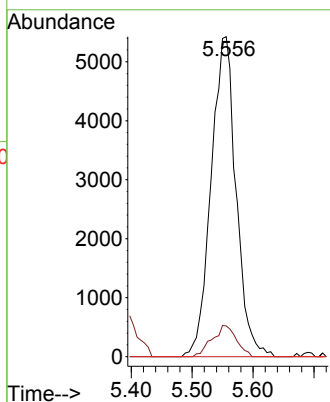
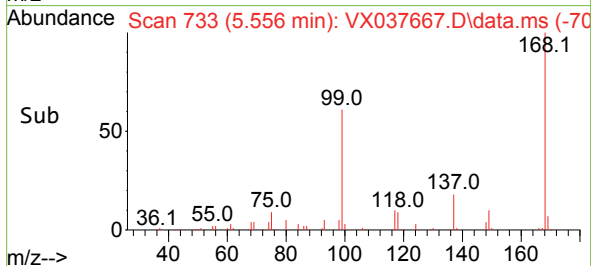


#36
1,1-Dichloropropene
Concen: 4.756 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.134 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

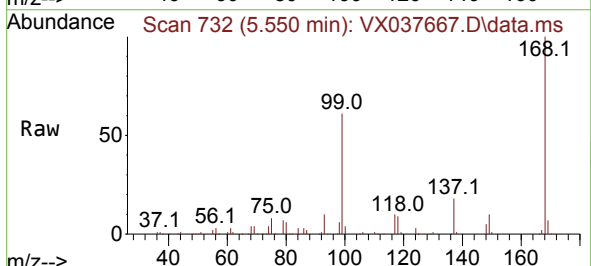
Instrument :
MSVOA_X
ClientSampleId :



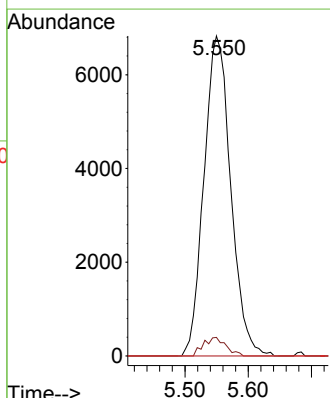
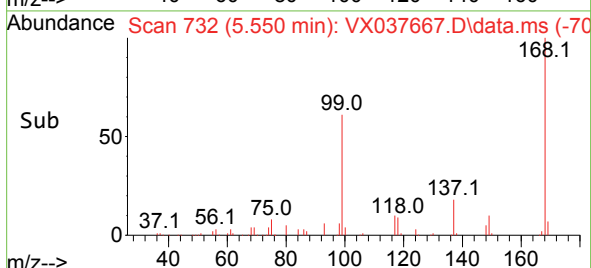
Tgt Ion: 75 Resp: 15450
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#

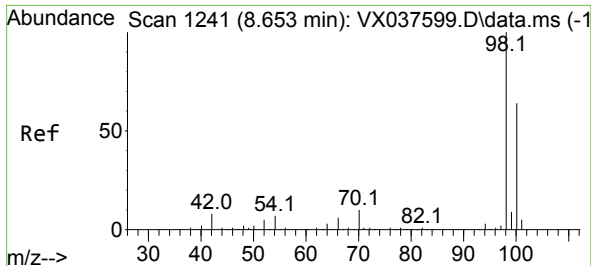


#38
Carbon Tetrachloride
Concen: 6.050 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35



Tgt Ion: 117 Resp: 20081
Ion Ratio Lower Upper
117 100
119 5.8 78.2 117.2#
121 0.0 24.4 36.6#

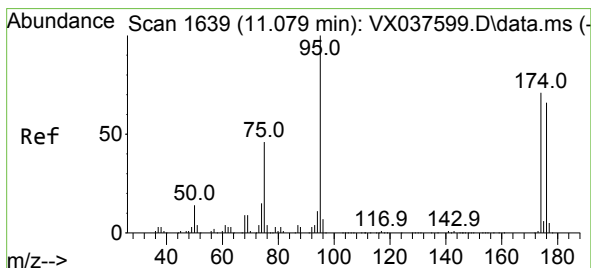
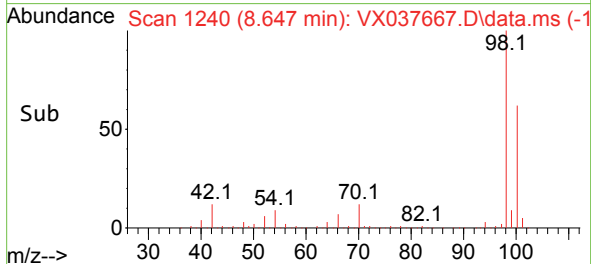
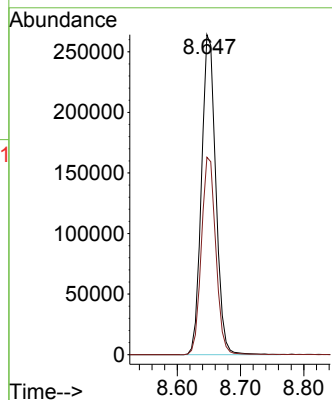
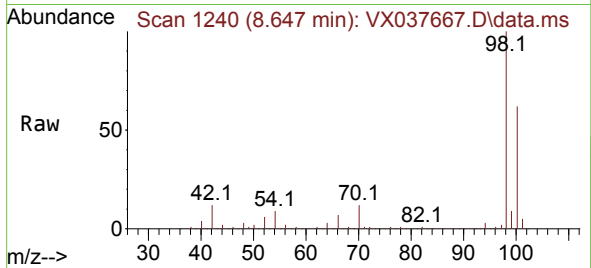




#50
Toluene-d8
Concen: 46.128 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

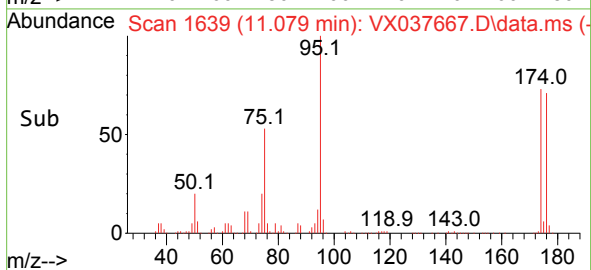
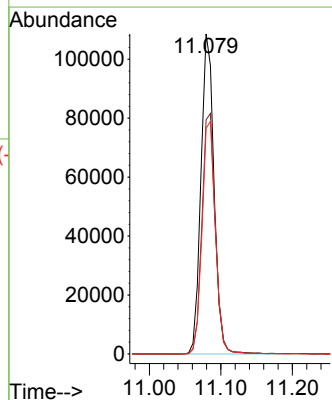
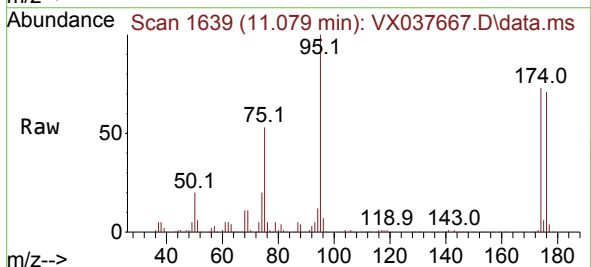
Instrument :
MSVOA_X
ClientSampleId :

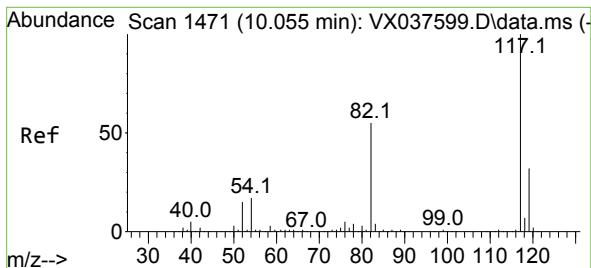
Tgt Ion: 98 Resp: 415461
Ion Ratio Lower Upper
98 100
100 62.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 42.542 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

Tgt Ion: 95 Resp: 138237
Ion Ratio Lower Upper
95 100
174 76.9 0.0 135.6
176 74.2 0.0 131.0

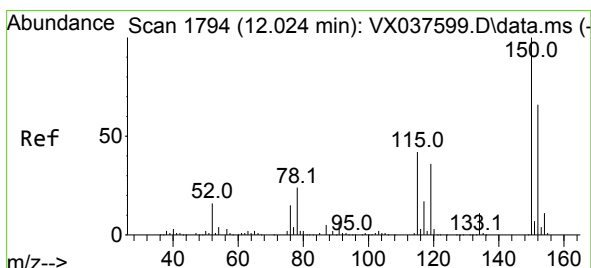
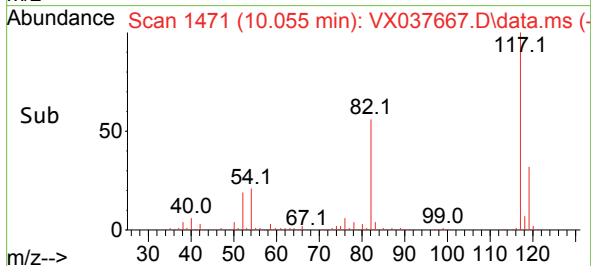
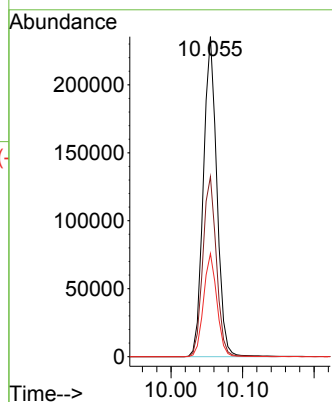
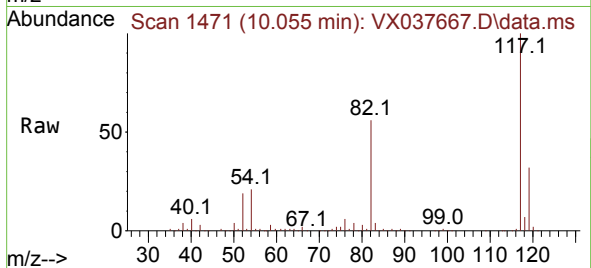




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

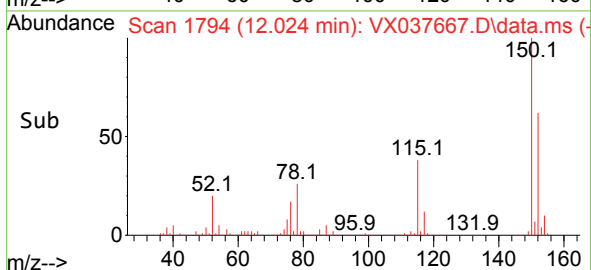
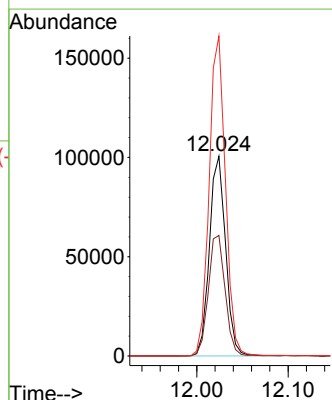
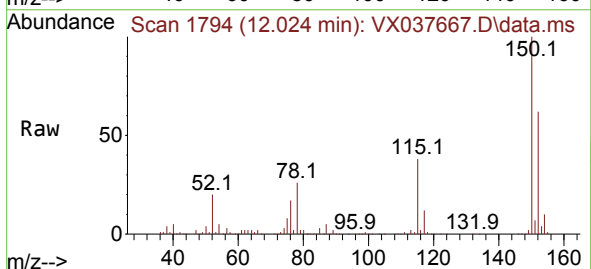
Instrument :
MSVOA_X
ClientSampleId :

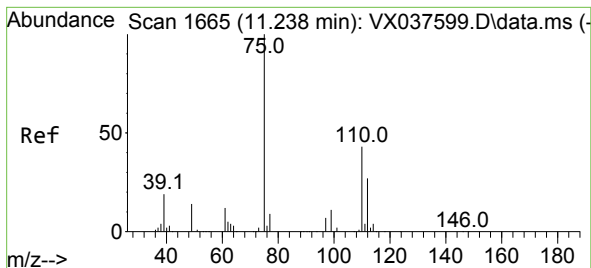
Tgt Ion:117 Resp: 308251
Ion Ratio Lower Upper
117 100
82 56.3 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037667.D
Acq: 12 Sep 2023 14:35

Tgt Ion:152 Resp: 123845
Ion Ratio Lower Upper
152 100
115 62.8 43.3 129.9
150 160.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.937 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037667.D

Acq: 12 Sep 2023 14:35

Instrument :

MSVOA_X

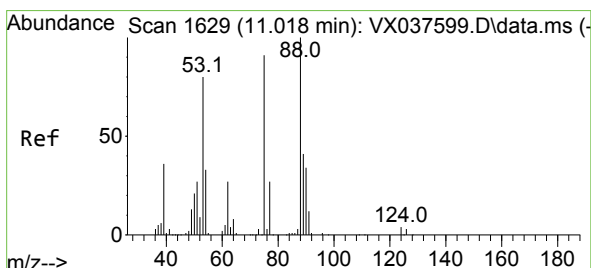
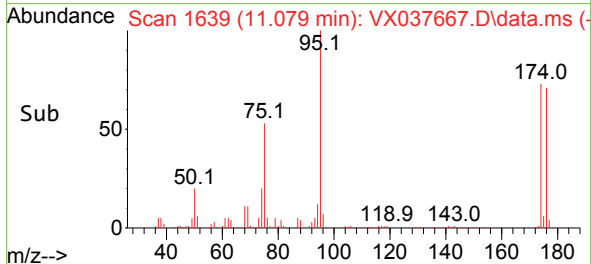
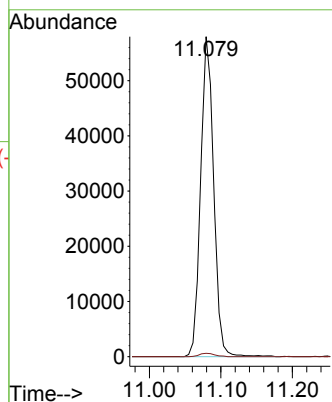
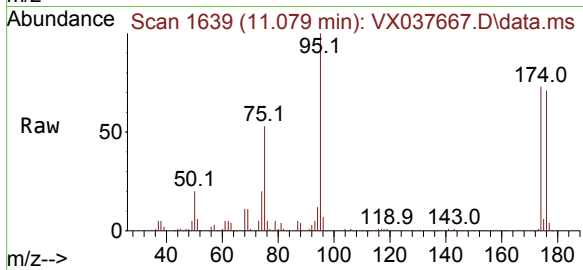
ClientSampleId :

Tgt Ion: 75 Resp: 73342

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.882 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037667.D

Acq: 12 Sep 2023 14:35

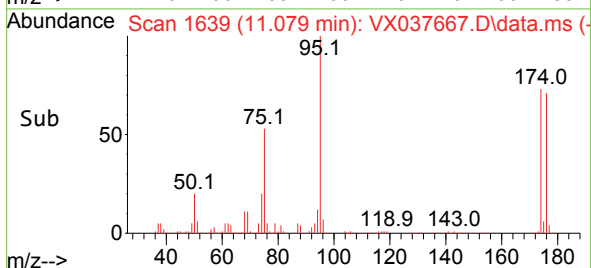
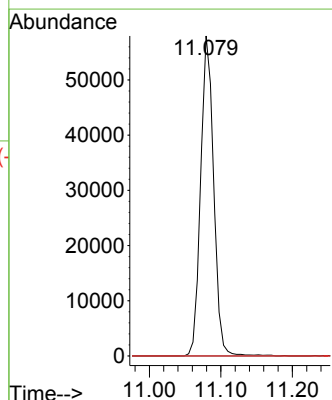
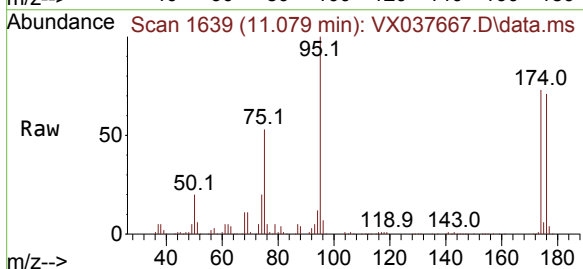
Tgt Ion: 75 Resp: 73342

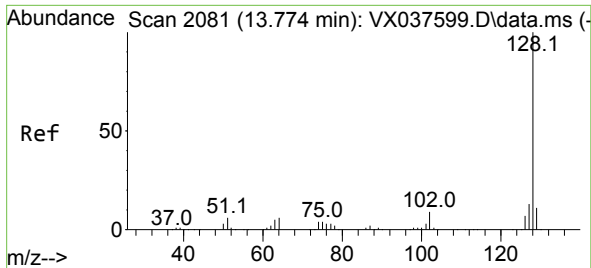
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 1.083 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

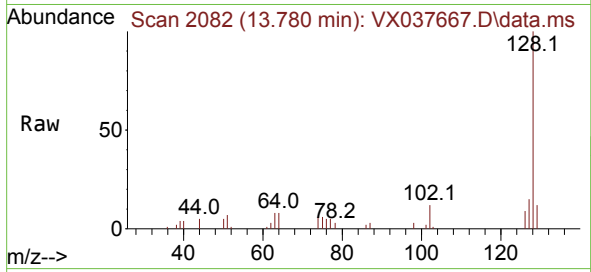
Lab File: VX037667.D

Acq: 12 Sep 2023 14:35

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128 Resp: 9861

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.5 8.8 13.2

