

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113023\
 Data File : VX039068.D
 Acq On : 30 Nov 2023 15:13
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 01 01:58:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	105768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109767	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	84131	49.364	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.720%
35) Dibromofluoromethane	5.385	113	70218	44.801	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.600%
50) Toluene-d8	8.647	98	274298	45.741	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.480%#
62) 4-Bromofluorobenzene	11.079	95	116929	48.710	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.420%

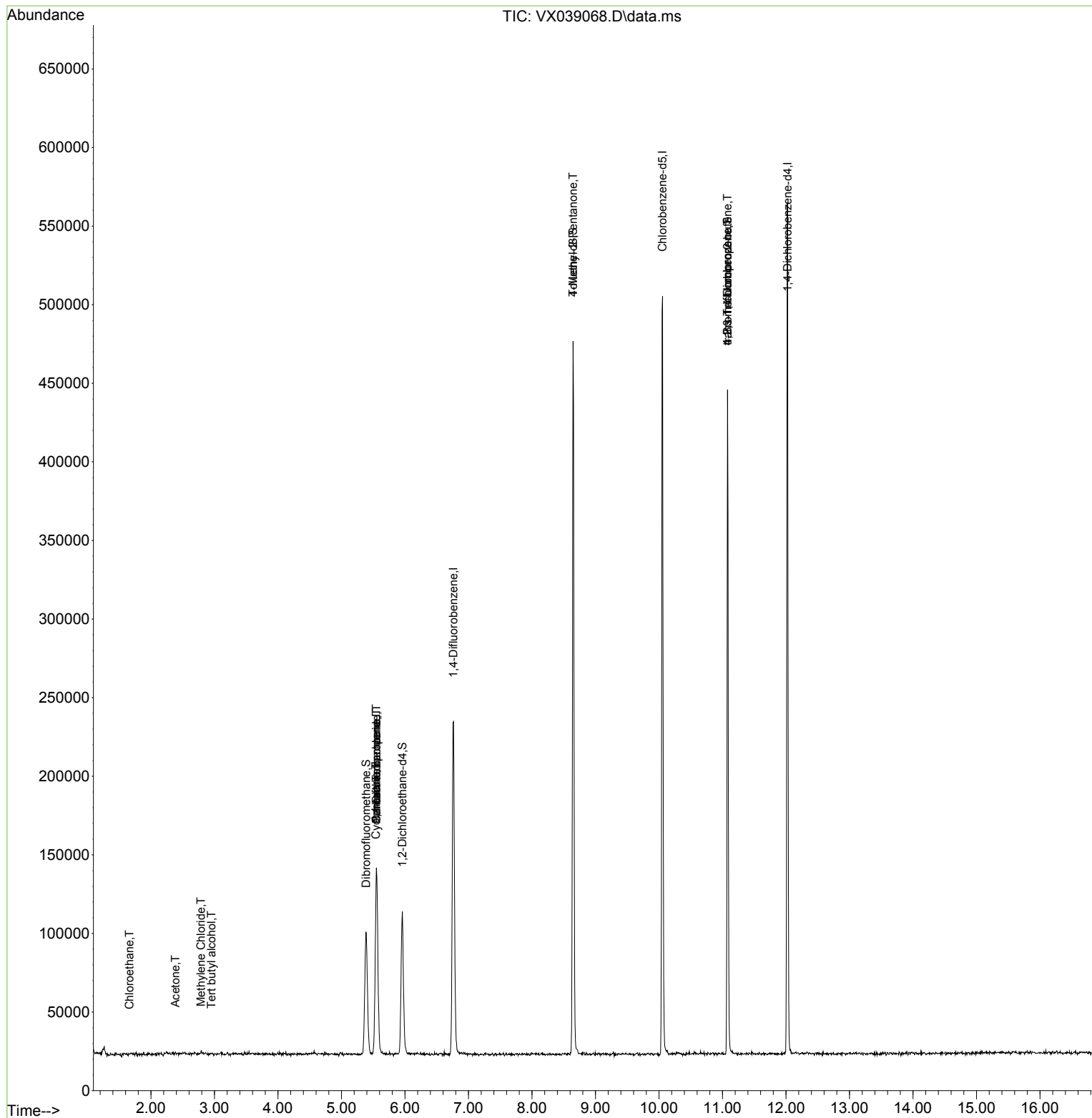
Target Compounds					Qvalue	
6) Chloroethane	1.660	64	237	0.268	ug/l #	43
11) Tert butyl alcohol	2.953	59	152	0.321	ug/l #	78
16) Acetone	2.386	43	576	0.635	ug/l #	47
20) Methylene Chloride	2.788	84	728	0.445	ug/l #	72
31) Cyclohexane	5.544	56	2757	1.133	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	9424	4.195	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11873	5.719	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1484	0.496	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	60420	22.062	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60420	48.935	ug/l #	5

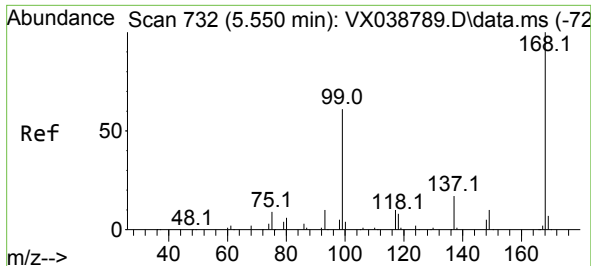
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX113023\
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

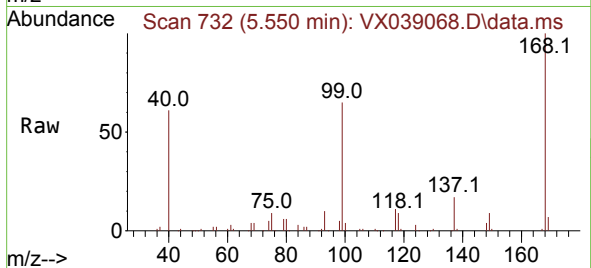
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration



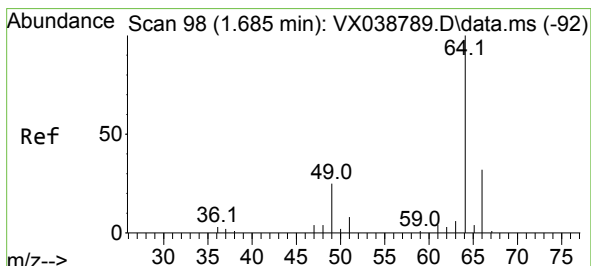
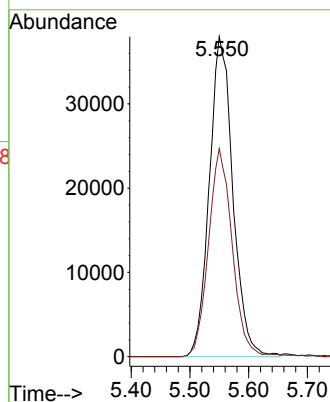
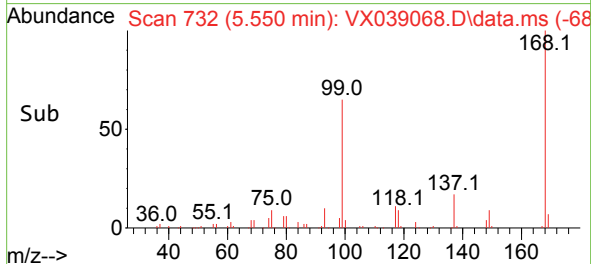


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :

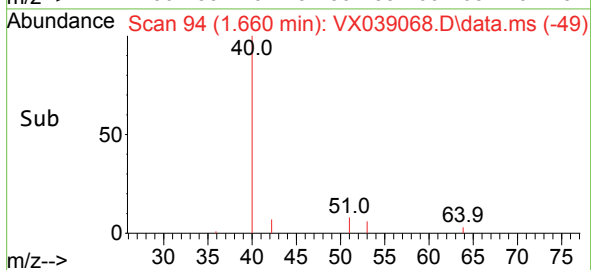
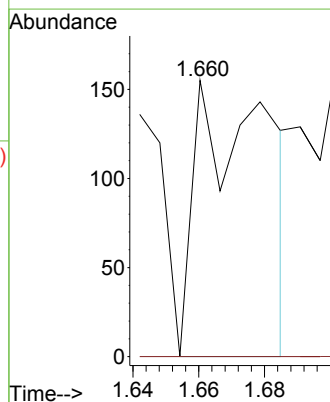
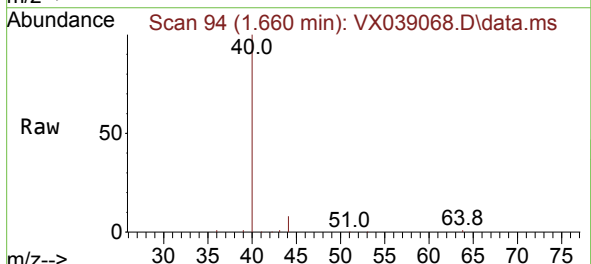


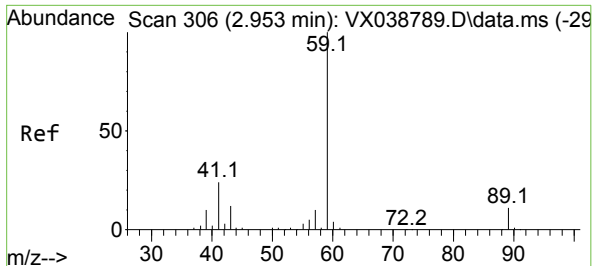
Tgt Ion:168 Resp: 105768
Ion Ratio Lower Upper
168 100
99 65.0 56.6 85.0



#6
Chloroethane
Concen: 0.268 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.025 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13

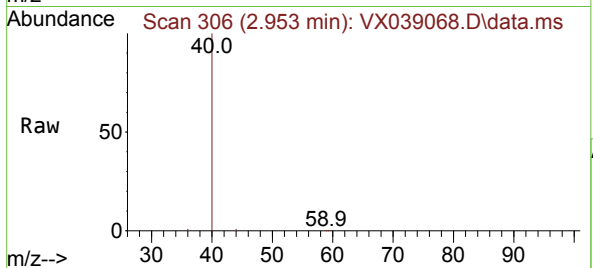
Tgt Ion: 64 Resp: 237
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



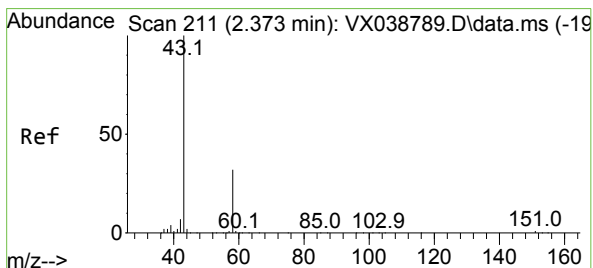
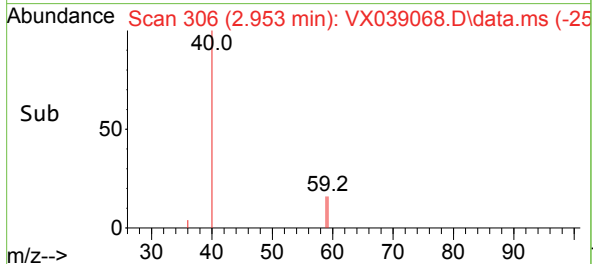
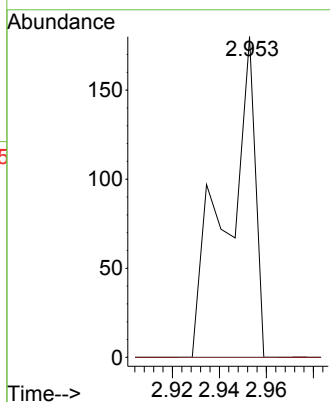


#11
Tert butyl alcohol
Concen: 0.321 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :

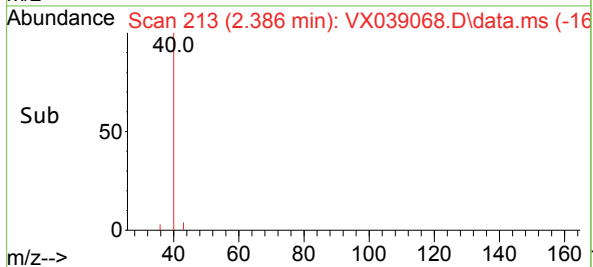
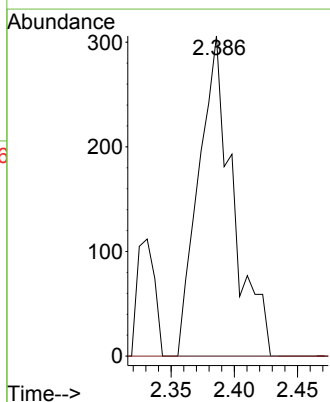
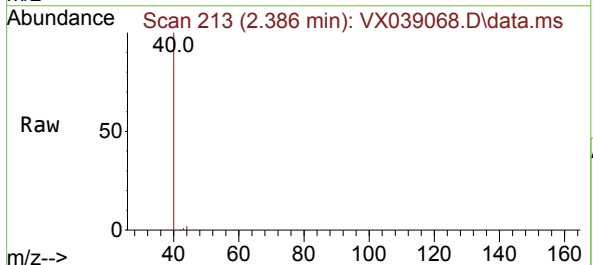


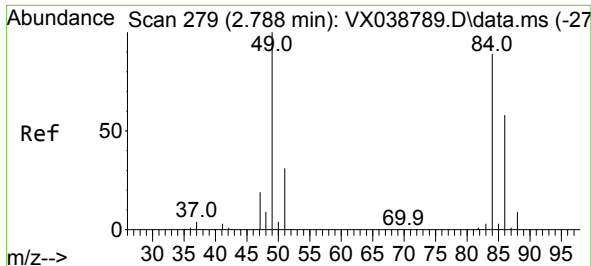
Tgt Ion: 59 Resp: 152
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#16
Acetone
Concen: 0.635 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13

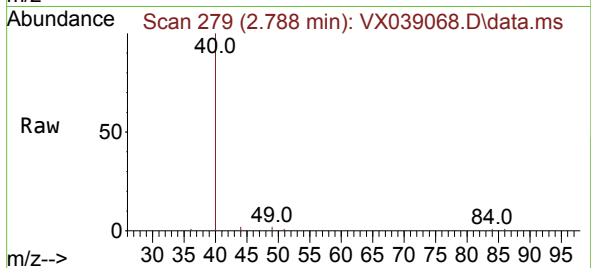
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



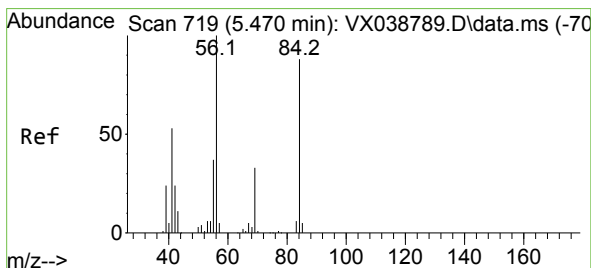
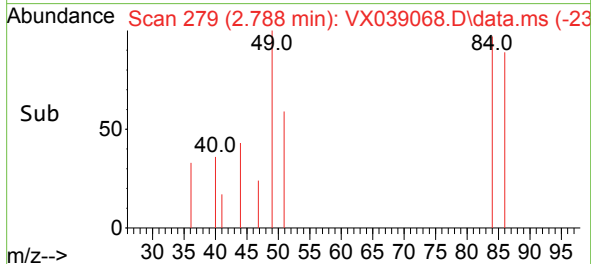
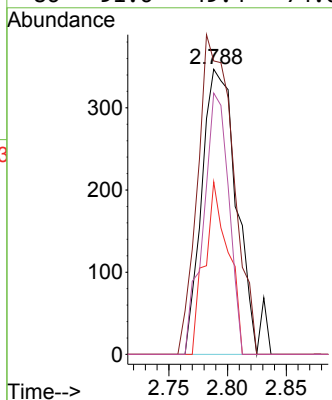


#20
Methylene Chloride
Concen: 0.445 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :

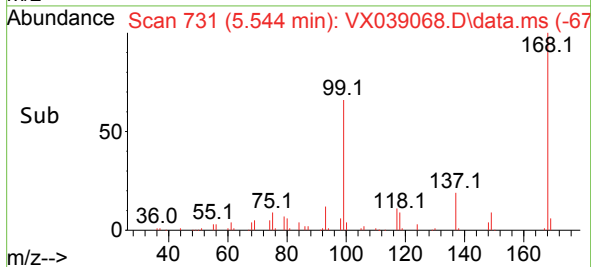
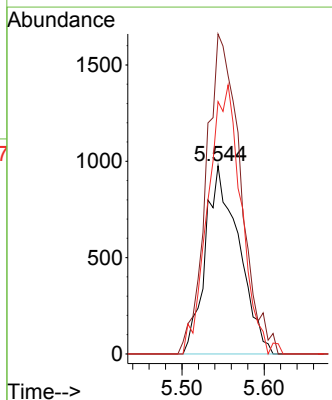
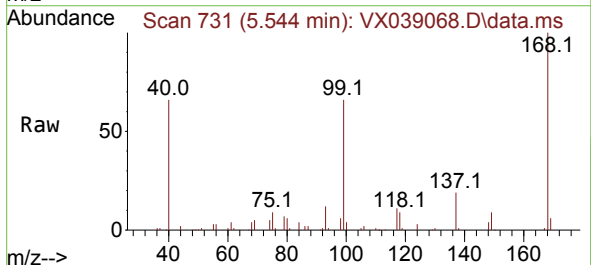


Tgt Ion:	84	Resp:	728
Ion	Ratio	Lower	Upper
84	100		
49	102.9	103.6	155.4#
51	60.5	33.8	50.6#
86	91.6	49.4	74.0#



#31
Cyclohexane
Concen: 1.133 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13

Tgt Ion:	56	Resp:	2757
Ion	Ratio	Lower	Upper
56	100		
69	170.0	23.4	35.2#
84	134.1	65.9	98.9#





#33

1,2-Dichloroethane-d4

Concen: 49.364 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX039068.D

Acq: 30 Nov 2023 15:13

Instrument :

MSVOA_X

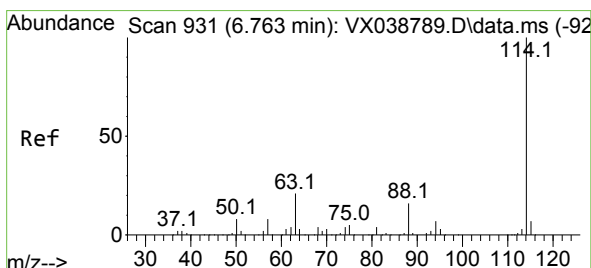
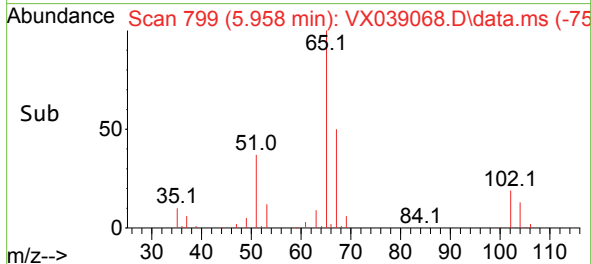
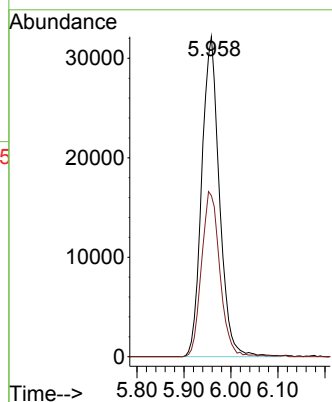
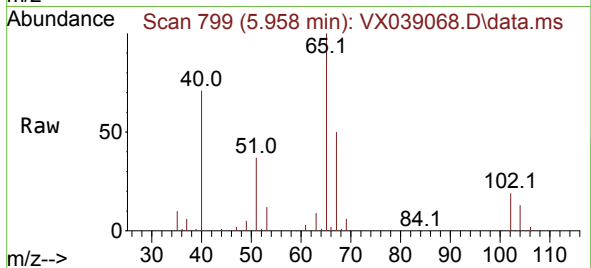
ClientSampleId :

Tgt Ion: 65 Resp: 84131

Ion Ratio Lower Upper

65 100

67 53.4 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: VX039068.D

Acq: 30 Nov 2023 15:13

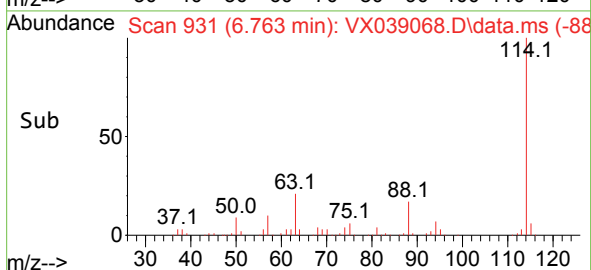
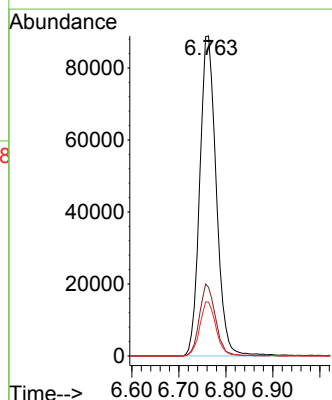
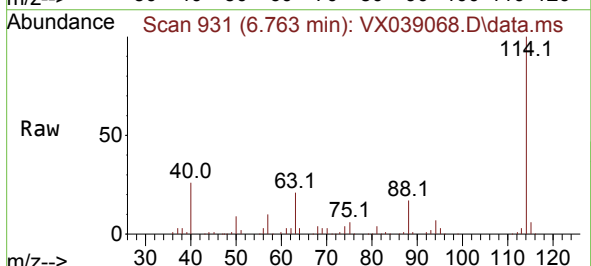
Tgt Ion:114 Resp: 217016

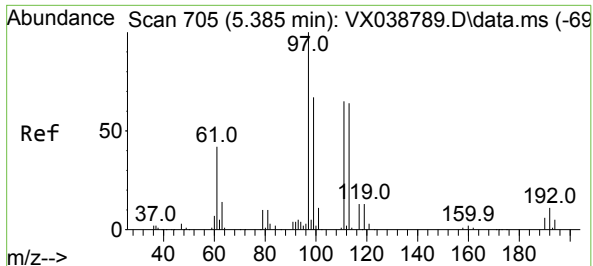
Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 16.9 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.801 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

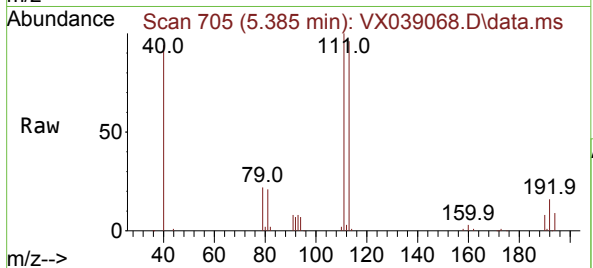
Lab File: VX039068.D

Acq: 30 Nov 2023 15:13

Instrument :

MSVOA_X

ClientSampleId :



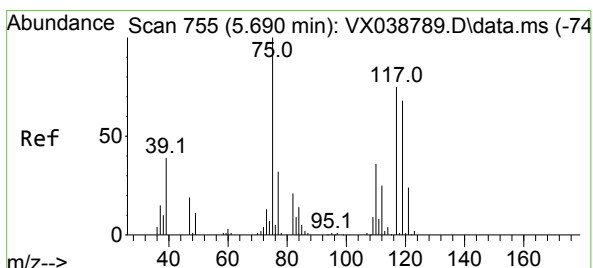
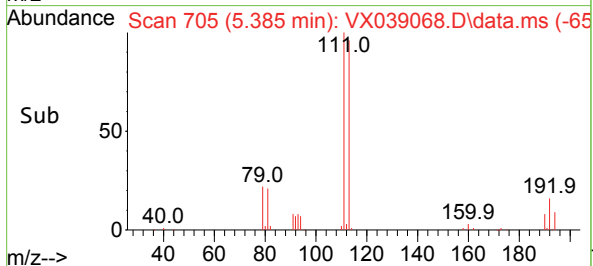
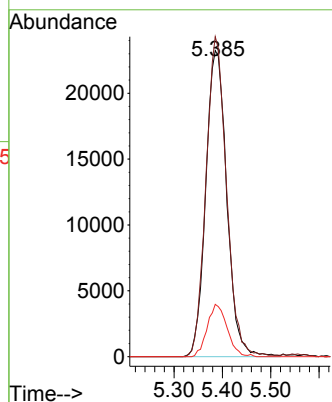
Tgt Ion:113 Resp: 70218

Ion Ratio Lower Upper

113 100

111 102.0 82.9 124.3

192 16.2 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.195 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX039068.D

Acq: 30 Nov 2023 15:13

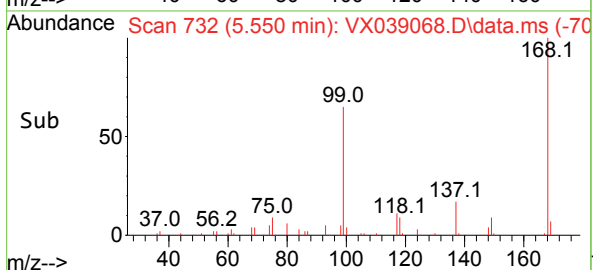
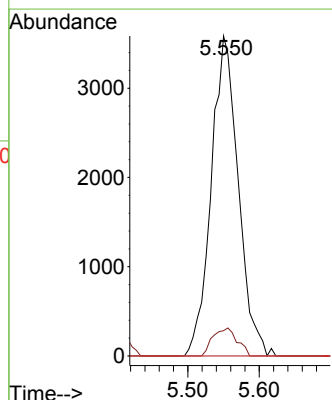
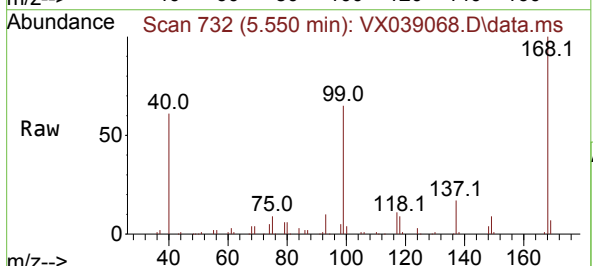
Tgt Ion: 75 Resp: 9424

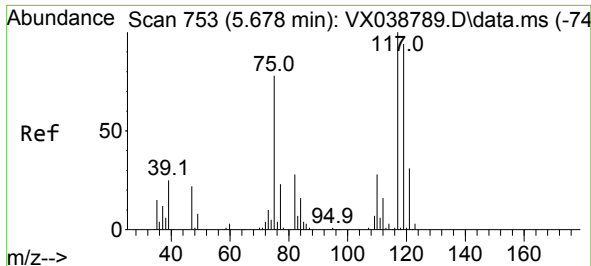
Ion Ratio Lower Upper

75 100

110 7.8 17.0 50.9#

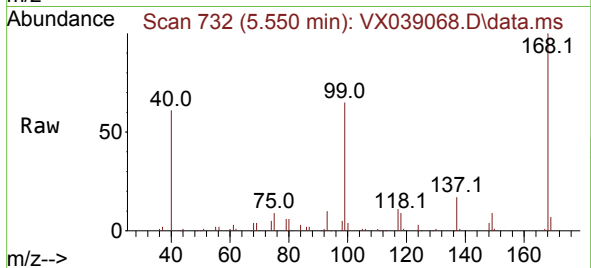
77 0.0 24.7 37.1#



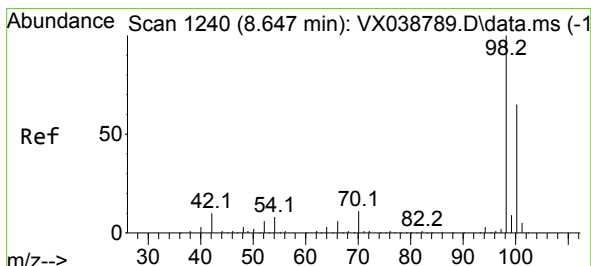
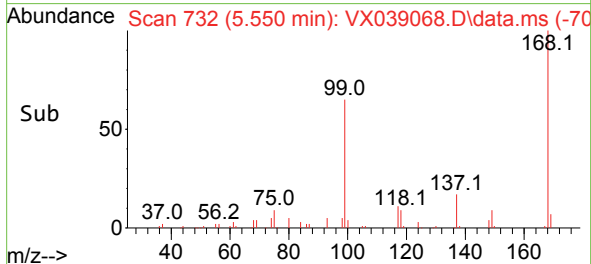
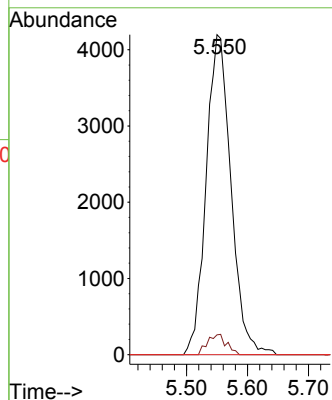


#38
Carbon Tetrachloride
Concen: 5.719 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13

Instrument :
MSVOA_X
ClientSampleId :

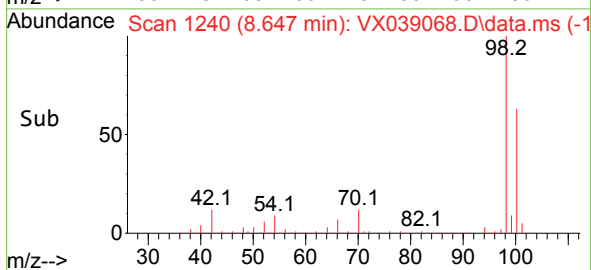
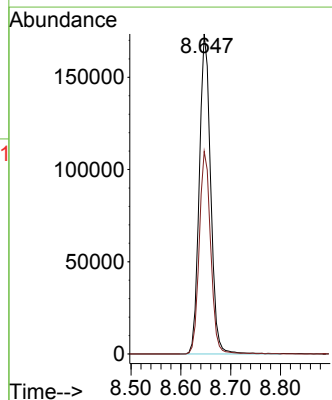
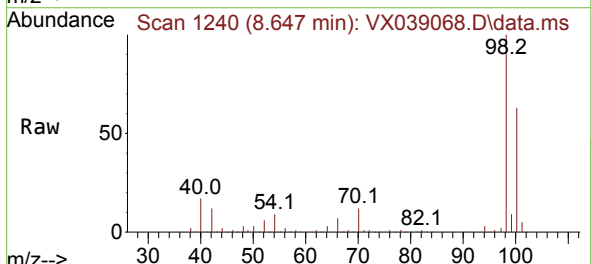


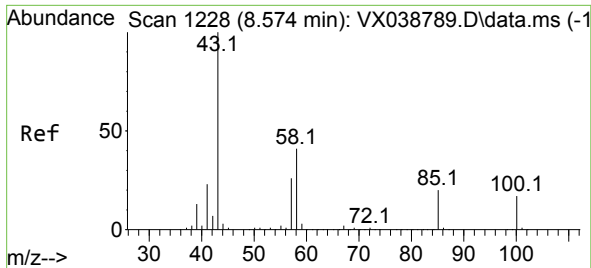
Tgt Ion:117 Resp: 11873
Ion Ratio Lower Upper
117 100
119 6.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.741 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13

Tgt Ion: 98 Resp: 274298
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

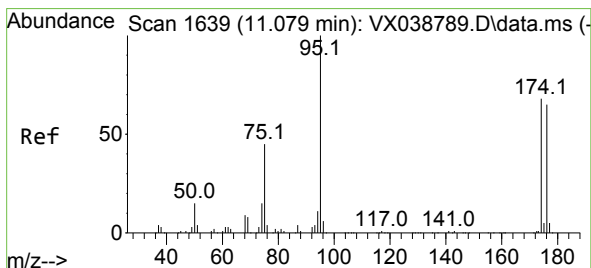
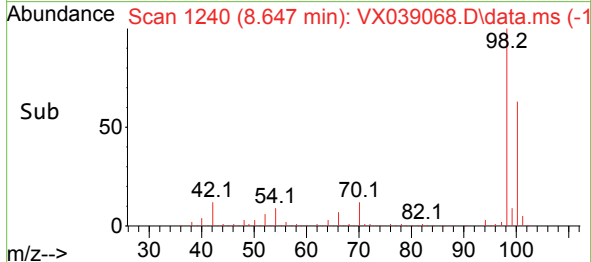
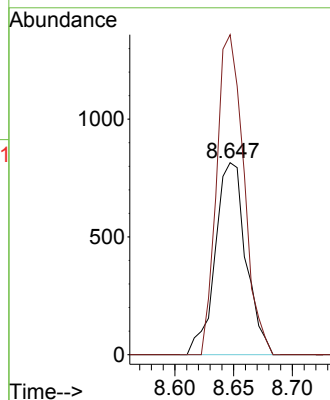
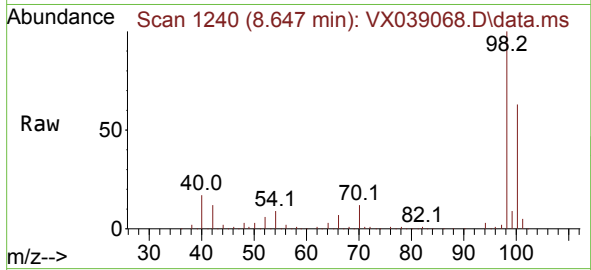




#51
4-Methyl-2-Pentanone
Concen: 0.496 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13

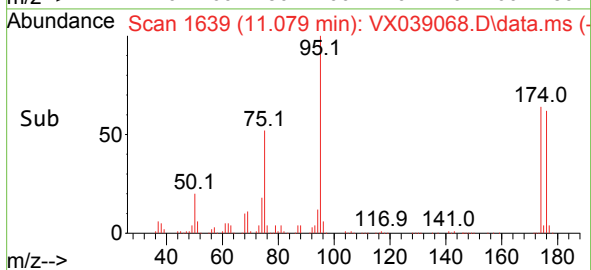
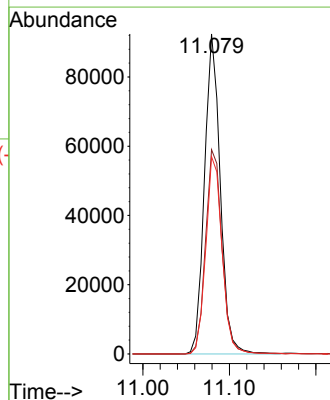
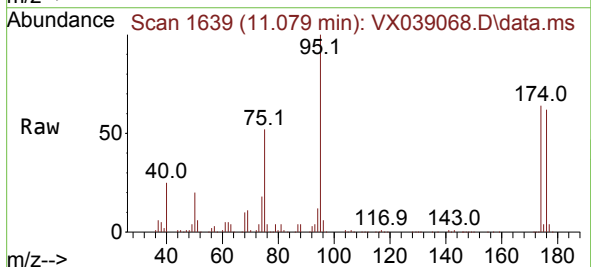
Instrument :
MSVOA_X
ClientSampleId :

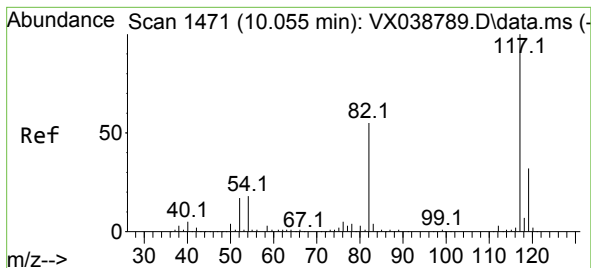
Tgt Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
58 147.2 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 48.710 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13

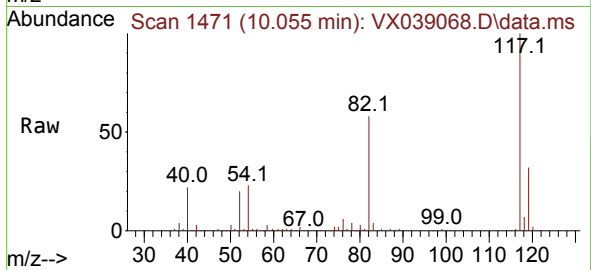
Tgt Ion: 95 Resp: 116929
Ion Ratio Lower Upper
95 100
174 66.8 0.0 135.6
176 63.9 0.0 131.0



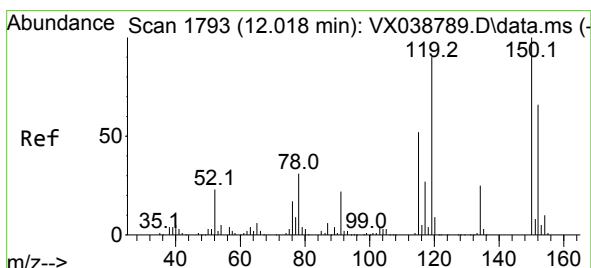
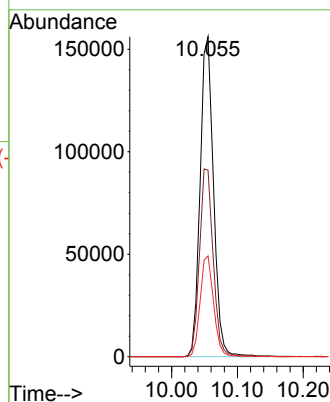
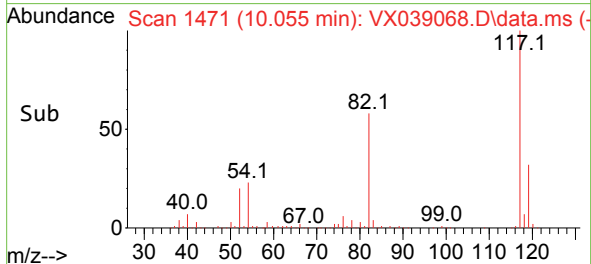


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13

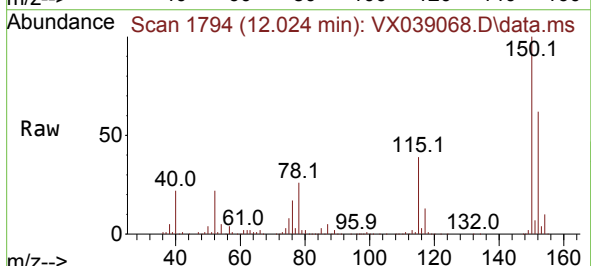
Instrument :
MSVOA_X
ClientSampleId :



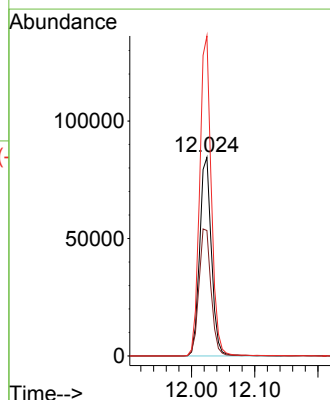
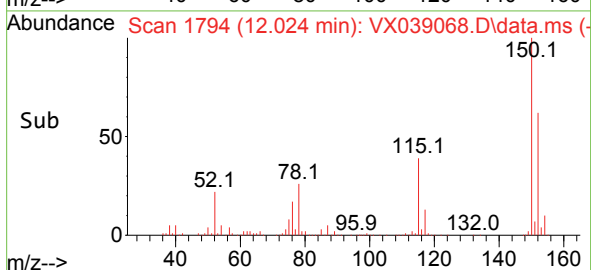
Tgt Ion:117 Resp: 221093
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 31.5 25.5 38.3

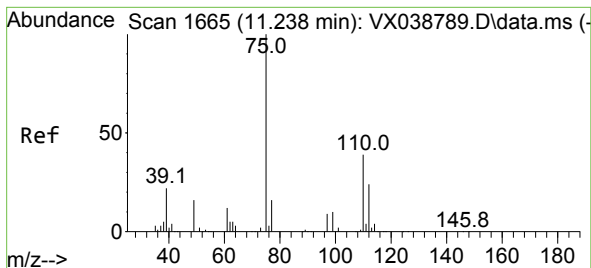


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039068.D
Acq: 30 Nov 2023 15:13



Tgt Ion:152 Resp: 109767
Ion Ratio Lower Upper
152 100
115 66.0 43.3 129.9
150 159.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.062 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039068.D

Acq: 30 Nov 2023 15:13

Instrument :

MSVOA_X

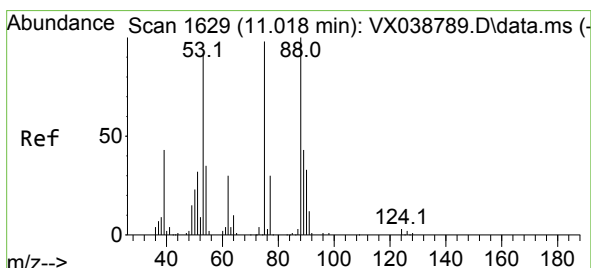
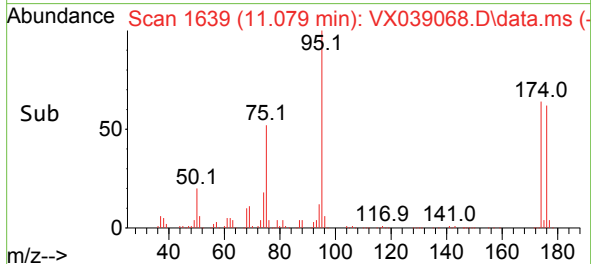
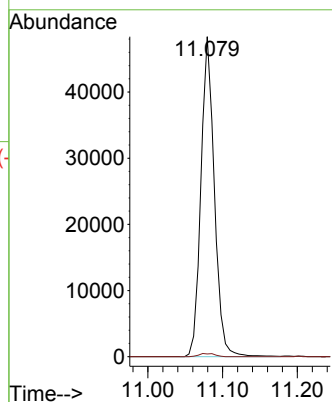
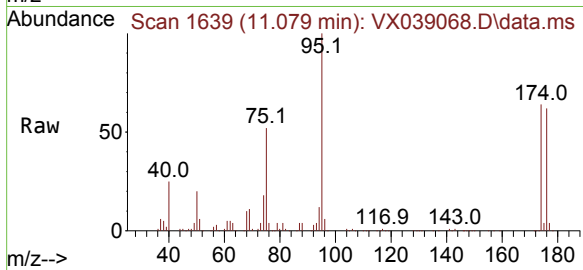
ClientSampleId :

Tgt Ion: 75 Resp: 60420

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 48.935 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039068.D

Acq: 30 Nov 2023 15:13

Tgt Ion: 75 Resp: 60420

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

