

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122623\
 Data File : VX039472.D
 Acq On : 26 Dec 2023 16:58
 Operator : JC/MD
 Sample : 06019-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 27 04:40:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

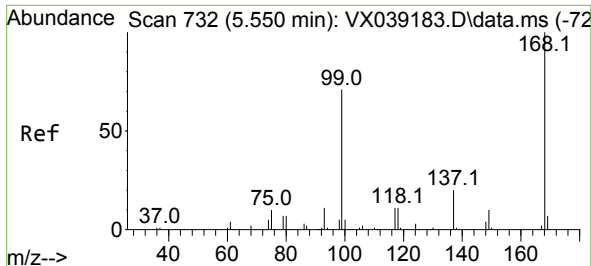
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	93719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	193665	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80897	47.119	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.240%
35) Dibromofluoromethane	5.385	113	63338	47.340	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	8.647	98	246098	49.546	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.079	95	97956	47.797	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.600%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	234	0.300	ug/l #	3
6) Chloroethane	1.691	64	784	0.958	ug/l #	43
11) Tert butyl alcohol	2.941	59	245	0.568	ug/l #	78
16) Acetone	2.386	43	1061	Below Cal	#	81
20) Methylene Chloride	2.788	84	1314	0.918	ug/l	87
31) Cyclohexane	5.550	56	2603	1.174	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	8879	4.205	ug/l #	46
38) Carbon Tetrachloride	5.544	117	10983	5.451	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	1228	0.454	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	53477	26.677	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53477	75.254	ug/l #	5
84) 1,2,4-Trimethylbenzene	11.750	105	3434	0.658	ug/l	99
85) sec-Butylbenzene	11.750	105	3434	0.557	ug/l #	57

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

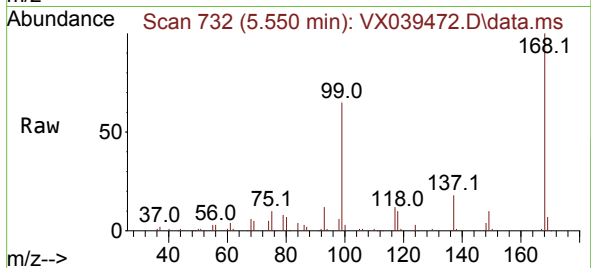
Quant Time: Dec 27 04:40:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



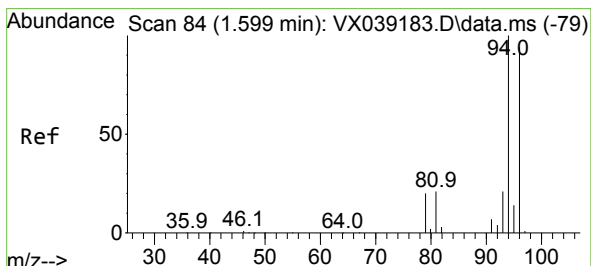
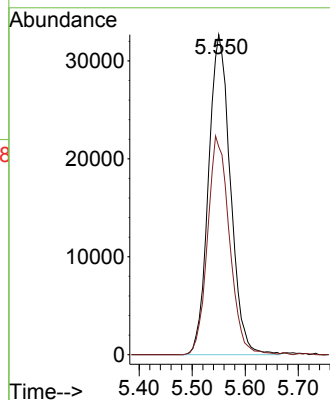
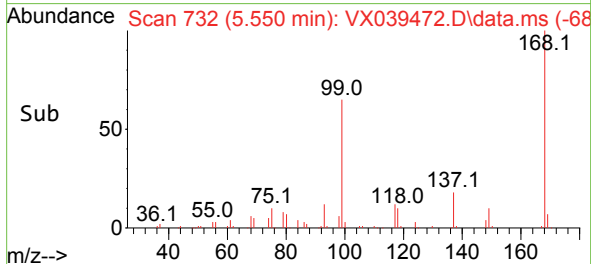


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

Instrument :
MSVOA_X
ClientSampleId :

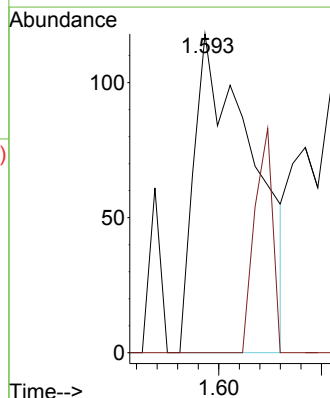
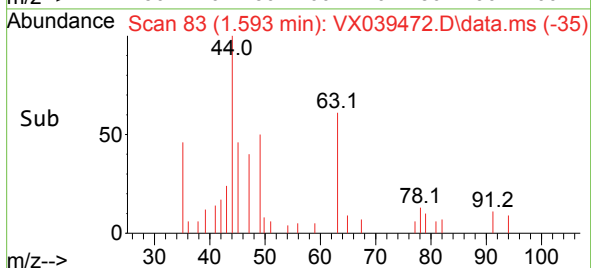
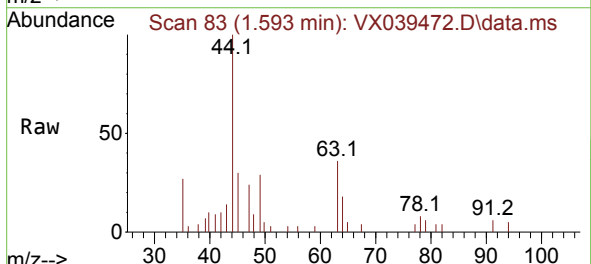


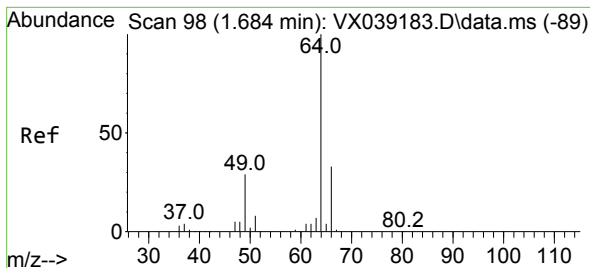
Tgt Ion:168 Resp: 93719
Ion Ratio Lower Upper
168 100
99 64.9 56.6 85.0



#5
Bromomethane
Concen: 0.300 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

Tgt Ion: 94 Resp: 234
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#6

Chloroethane

Concen: 0.958 ug/l

RT: 1.691 min Scan# 91

Delta R.T. 0.007 min

Lab File: VX039472.D

Acq: 26 Dec 2023 16:58

Instrument :

MSVOA_X

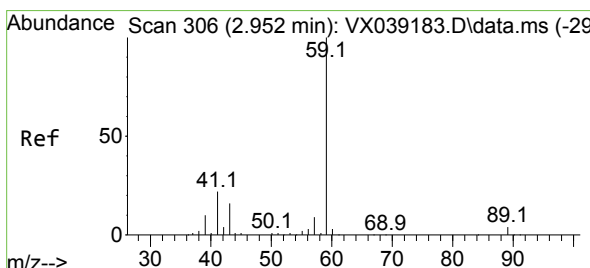
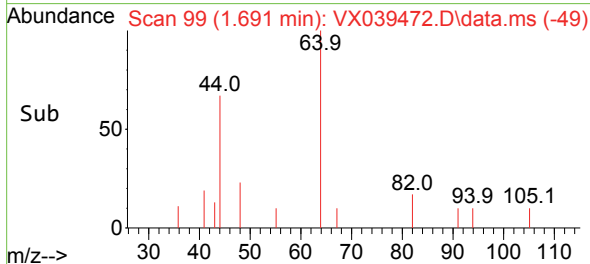
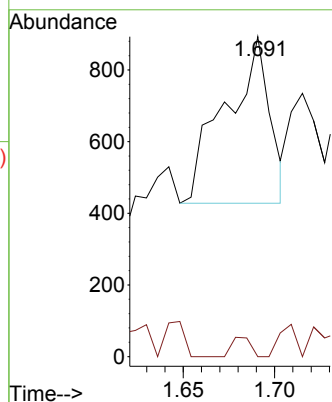
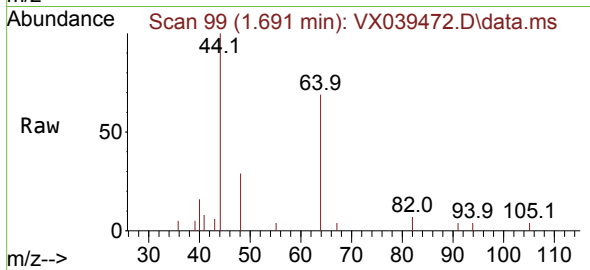
ClientSampleId :

Tgt Ion: 64 Resp: 784

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#



#11

Tert butyl alcohol

Concen: 0.568 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.012 min

Lab File: VX039472.D

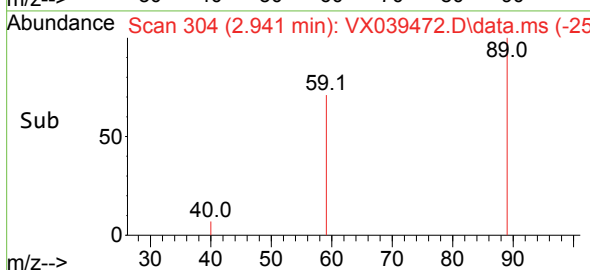
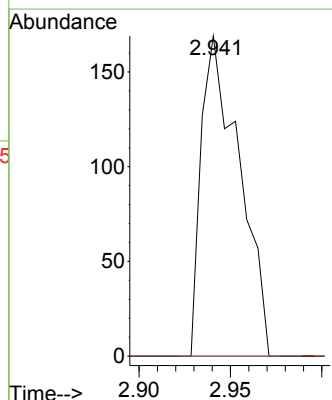
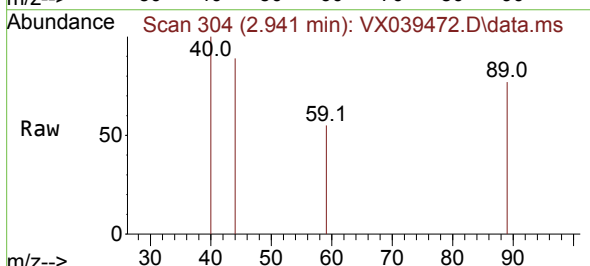
Acq: 26 Dec 2023 16:58

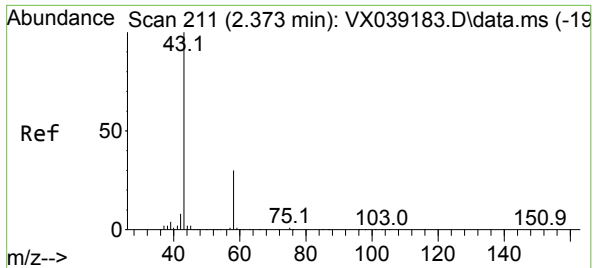
Tgt Ion: 59 Resp: 245

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#

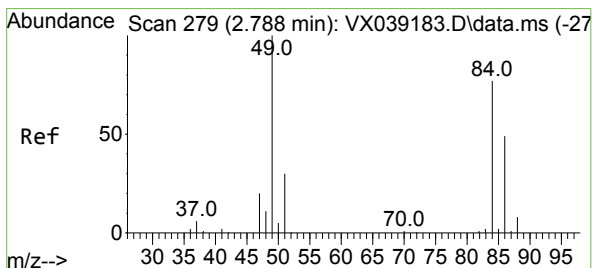
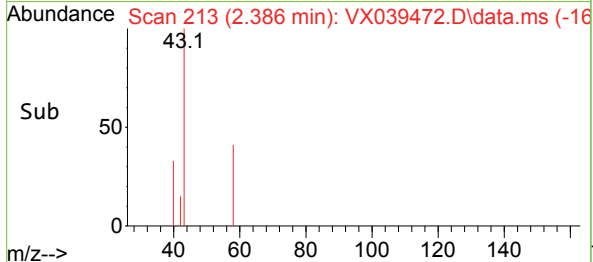
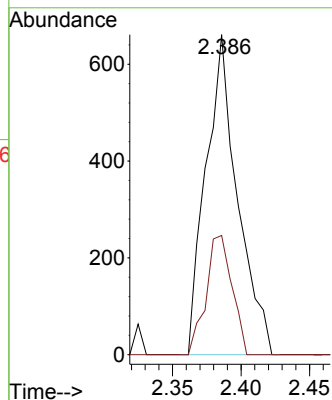
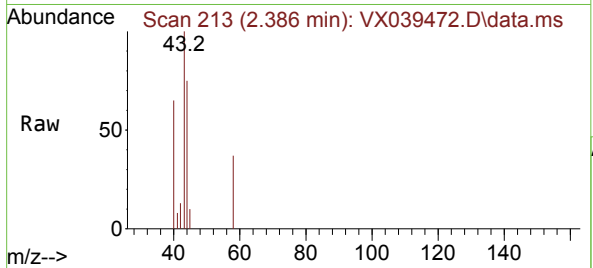




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

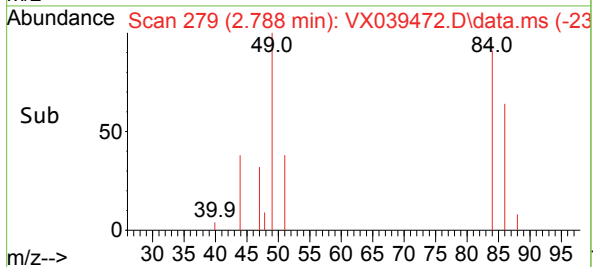
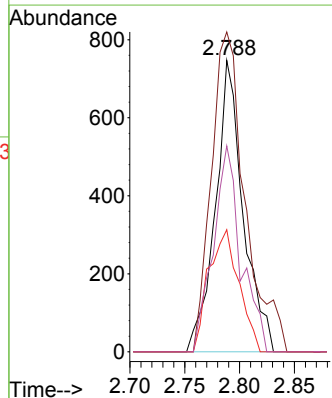
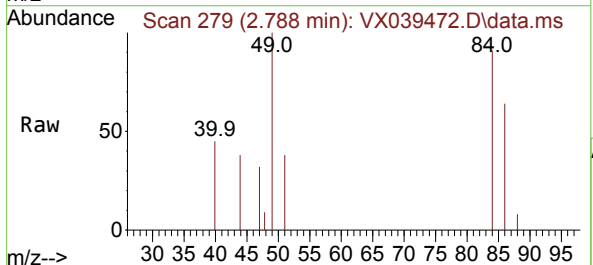
Instrument :
MSVOA_X
ClientSampleId :

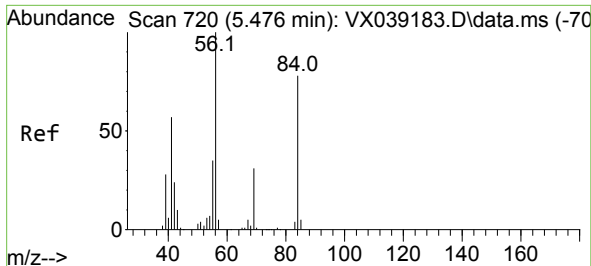
Tgt Ion: 43 Resp: 1061
Ion Ratio Lower Upper
43 100
58 37.2 21.9 32.9#



#20
Methylene Chloride
Concen: 0.918 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

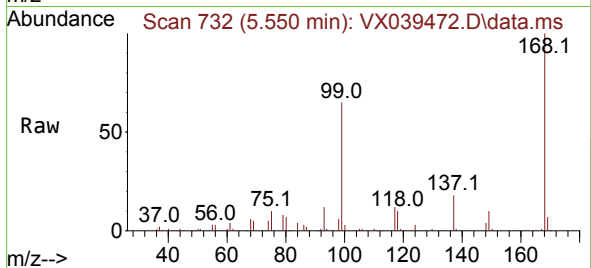
Tgt Ion: 84 Resp: 1314
Ion Ratio Lower Upper
84 100
49 109.8 103.6 155.4
51 41.9 33.8 50.6
86 70.7 49.4 74.0



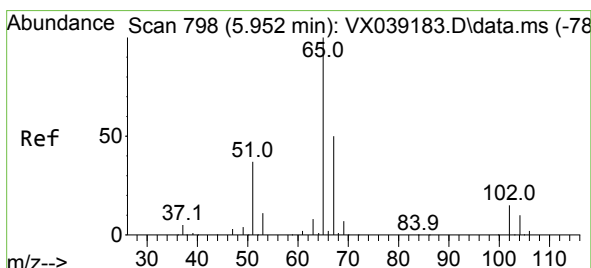
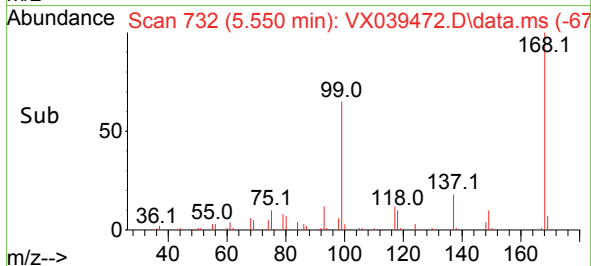
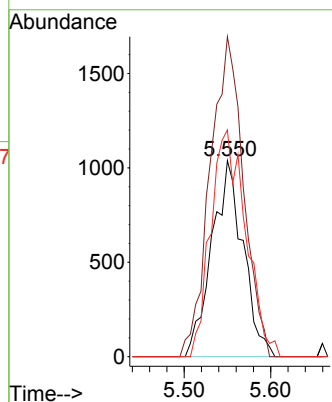


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.074 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

Instrument :
MSVOA_X
ClientSampleId :

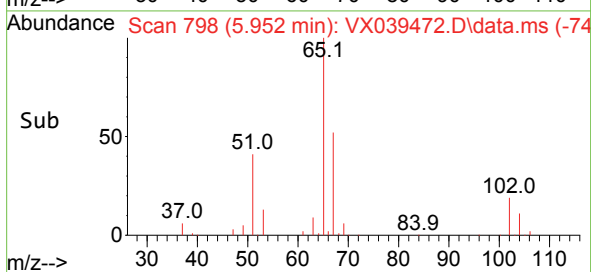
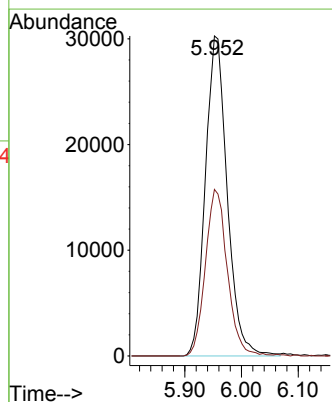
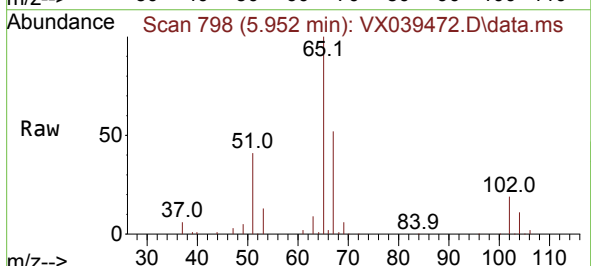


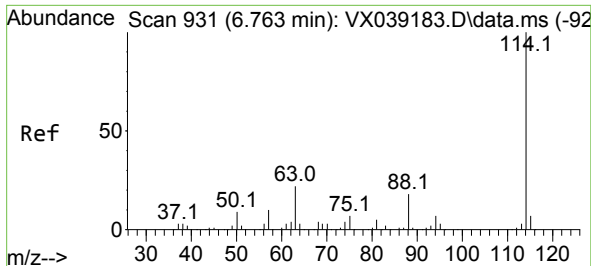
Tgt Ion: 56 Resp: 2603
Ion Ratio Lower Upper
56 100
69 163.3 23.4 35.2#
84 115.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.119 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

Tgt Ion: 65 Resp: 80897
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

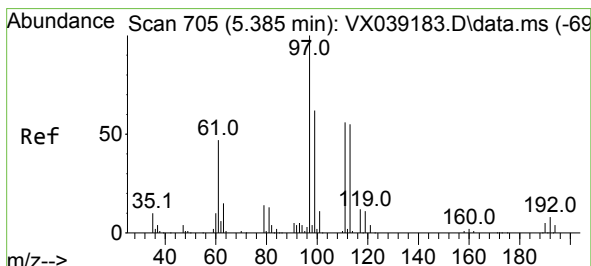
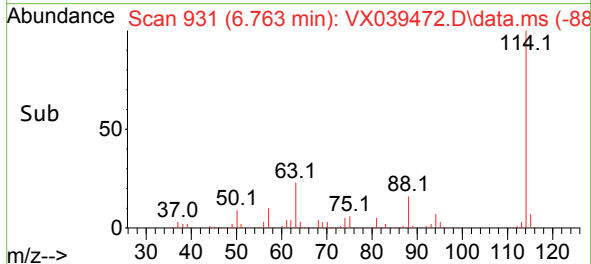
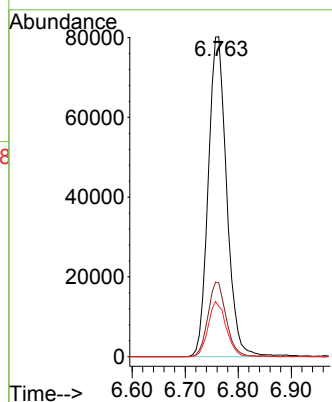
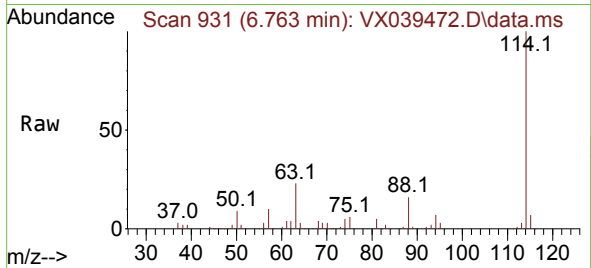




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

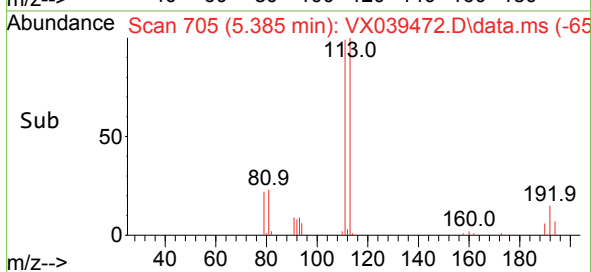
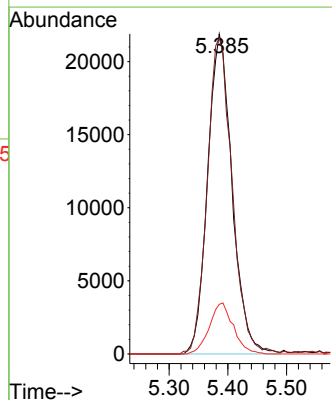
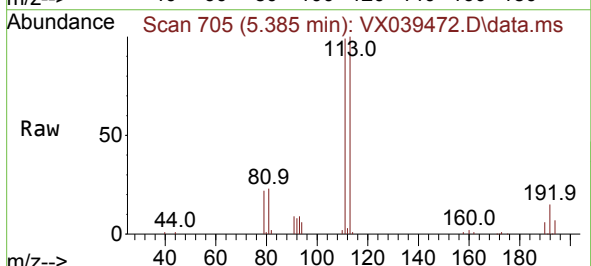
Instrument :
MSVOA_X
ClientSampleId :

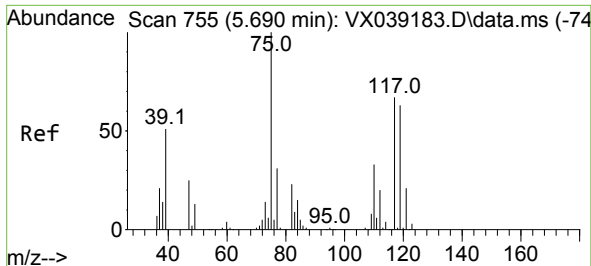
Tgt Ion:114 Resp: 193665
Ion Ratio Lower Upper
114 100
63 23.1 0.0 45.0
88 15.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.340 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

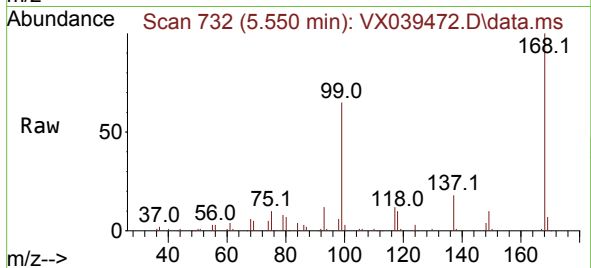
Tgt Ion:113 Resp: 63338
Ion Ratio Lower Upper
113 100
111 100.3 82.9 124.3
192 15.6 13.3 19.9



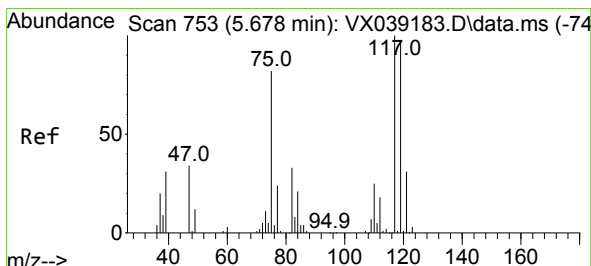
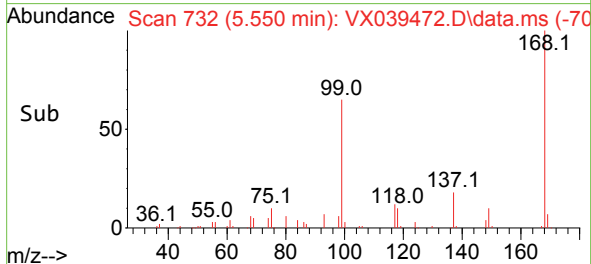
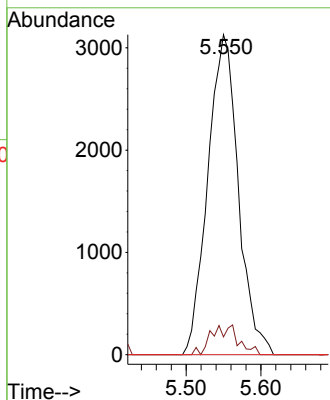


#36
1,1-Dichloropropene
Concen: 4.205 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

Instrument :
MSVOA_X
ClientSampleId :

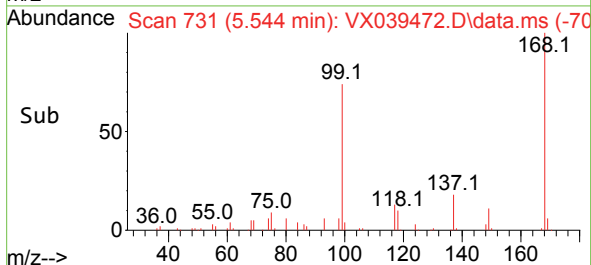
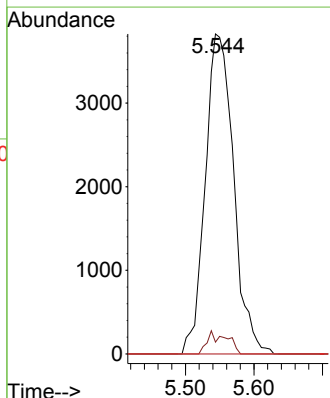
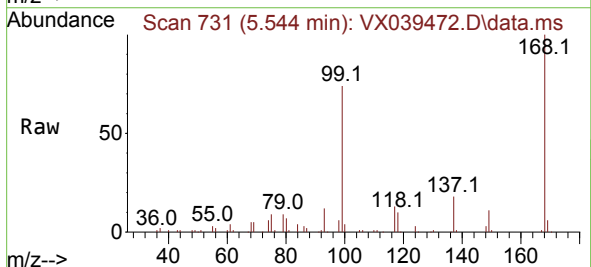


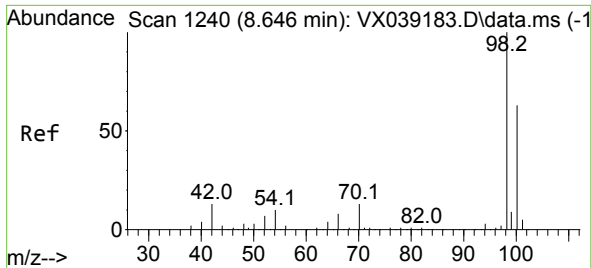
Tgt Ion: 75 Resp: 8879
Ion Ratio Lower Upper
75 100
110 4.2 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.451 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

Tgt Ion: 117 Resp: 10983
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#

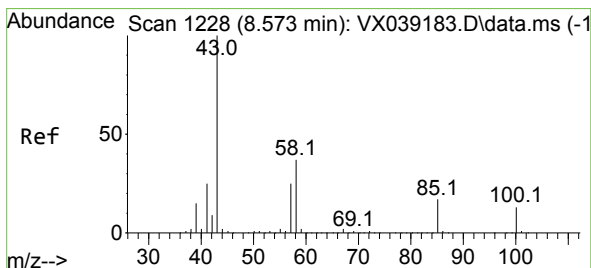
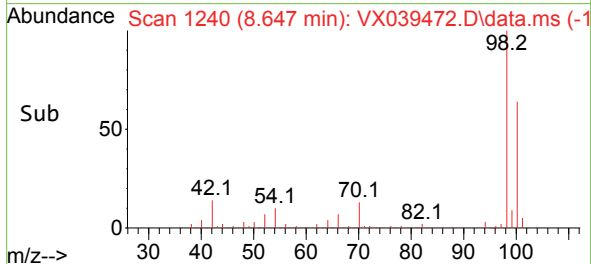
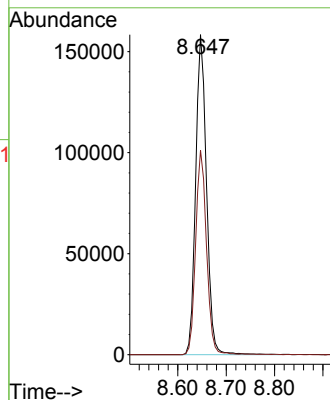
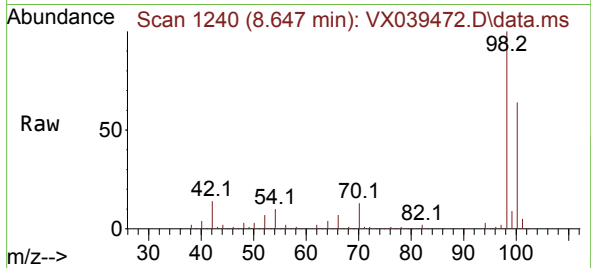




#50
Toluene-d8
Concen: 49.546 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

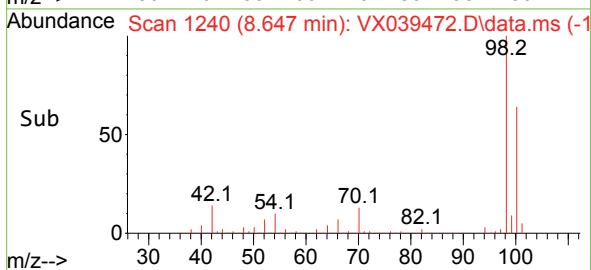
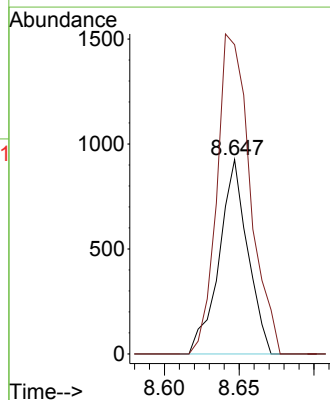
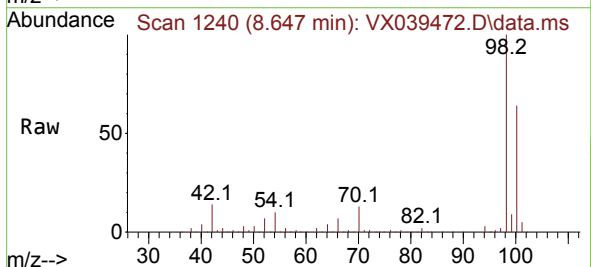
Instrument :
MSVOA_X
ClientSampleId :

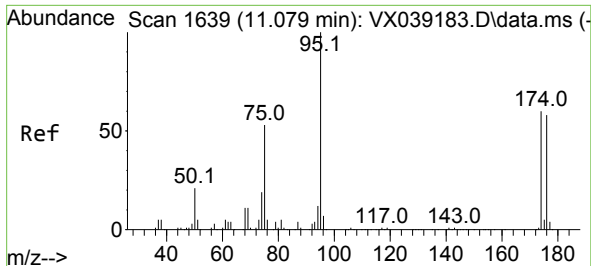
Tgt Ion: 98 Resp: 246098
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.454 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.074 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

Tgt Ion: 43 Resp: 1228
Ion Ratio Lower Upper
43 100
58 191.4 30.4 45.6#

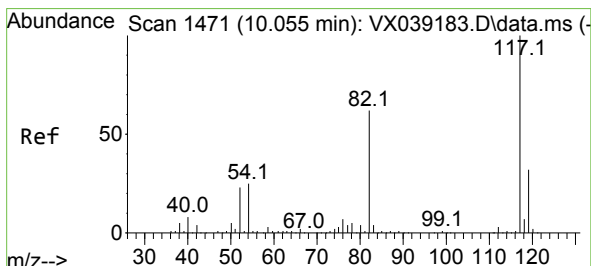
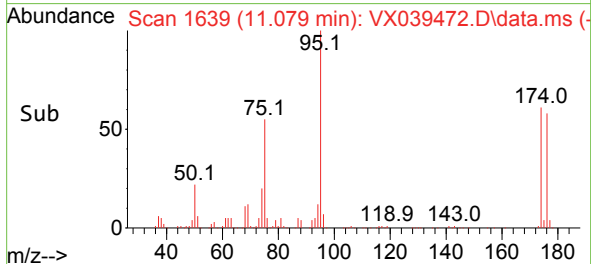
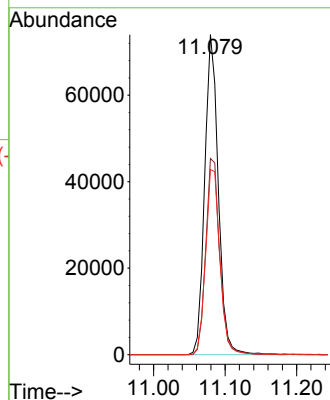
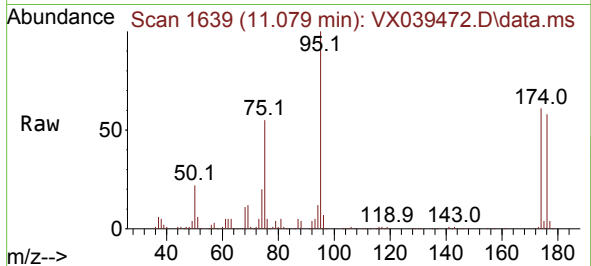




#62
4-Bromofluorobenzene
Concen: 47.797 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

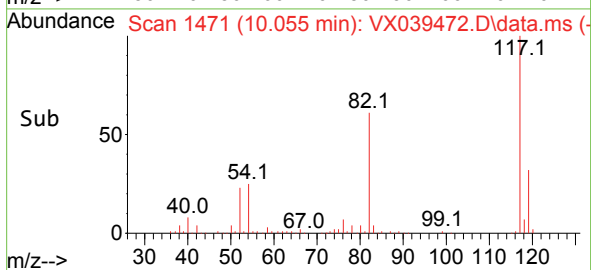
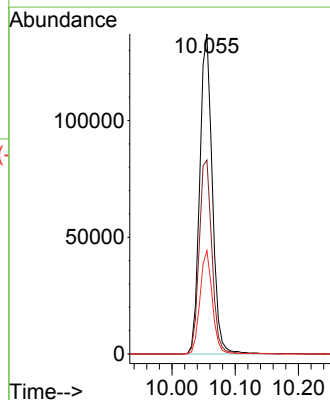
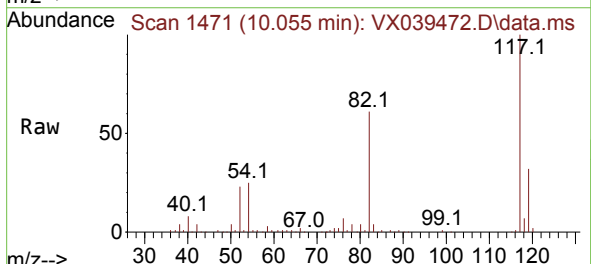
Instrument :
MSVOA_X
ClientSampleId :

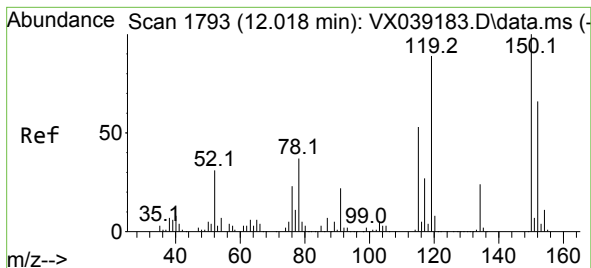
Tgt Ion: 95 Resp: 97956
Ion Ratio Lower Upper
95 100
174 62.9 0.0 135.6
176 60.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039472.D
Acq: 26 Dec 2023 16:58

Tgt Ion: 117 Resp: 189509
Ion Ratio Lower Upper
117 100
82 60.6 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# 1

Delta R.T. 0.007 min

Lab File: VX039472.D

Acq: 26 Dec 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :

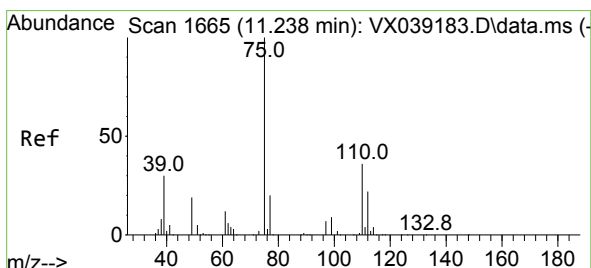
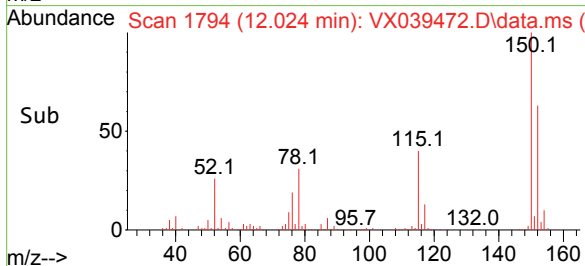
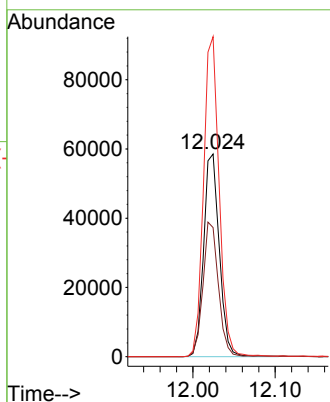
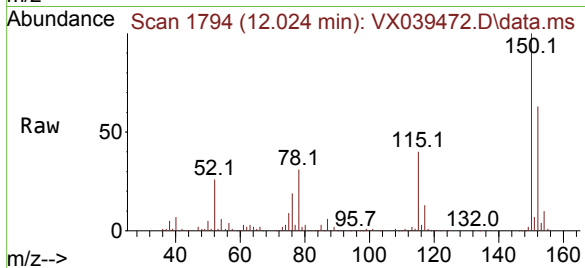
Tgt Ion:152 Resp: 77484

Ion Ratio Lower Upper

152 100

115 65.5 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 26.677 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039472.D

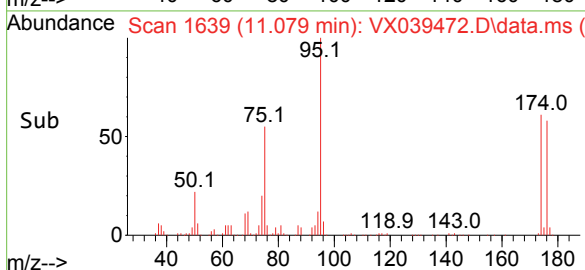
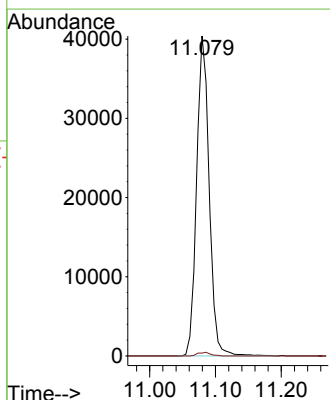
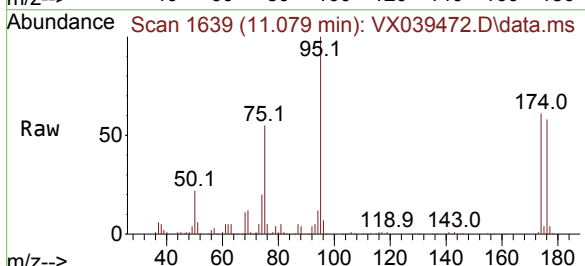
Acq: 26 Dec 2023 16:58

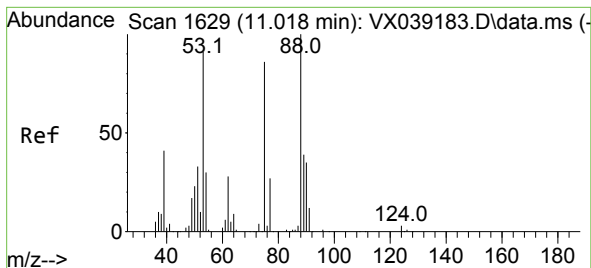
Tgt Ion: 75 Resp: 53477

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

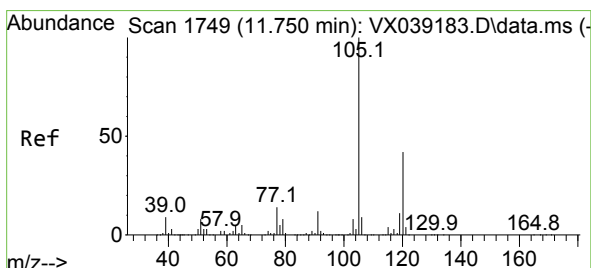
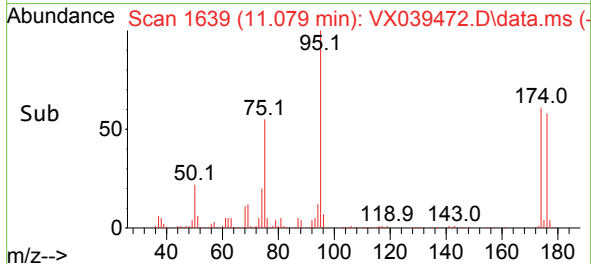
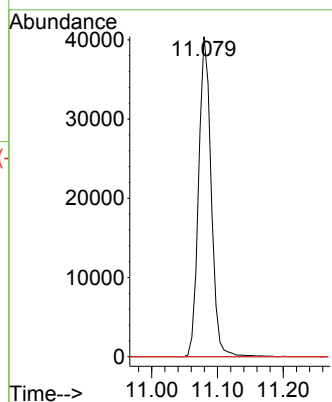
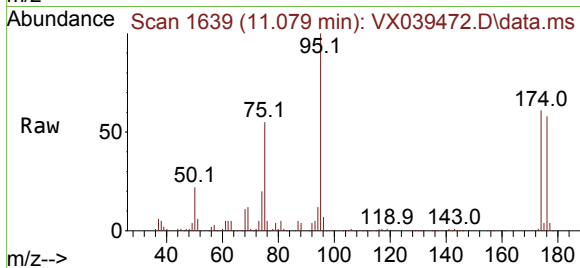




#81
 trans-1,4-Dichloro-2-butene
 Concen: 75.254 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX039472.D
 Acq: 26 Dec 2023 16:58

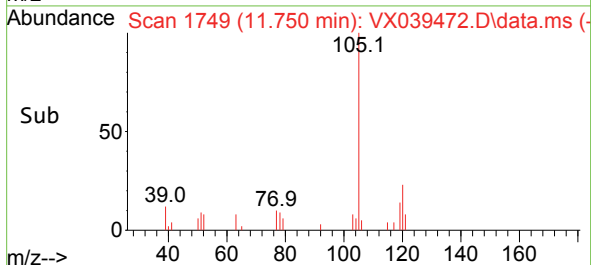
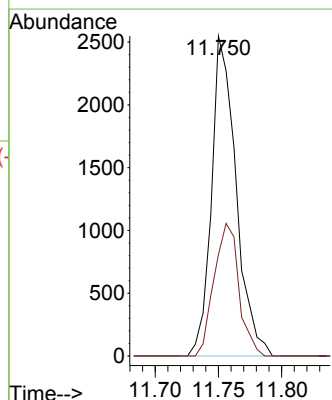
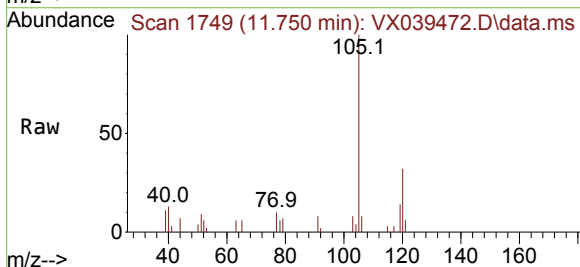
Instrument :
 MSVOA_X
 ClientSampleId :

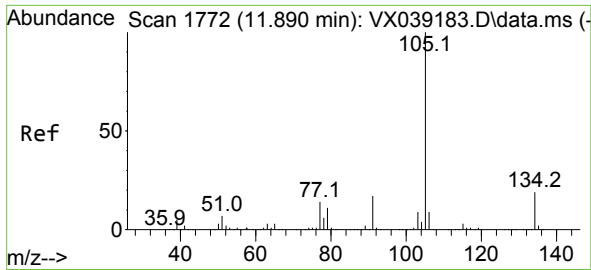
Tgt Ion: 75 Resp: 53477
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.658 ug/l
 RT: 11.750 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VX039472.D
 Acq: 26 Dec 2023 16:58

Tgt Ion: 105 Resp: 3434
 Ion Ratio Lower Upper
 105 100
 120 41.9 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.557 ug/l

RT: 11.750 min Scan# 11

Delta R.T. -0.140 min

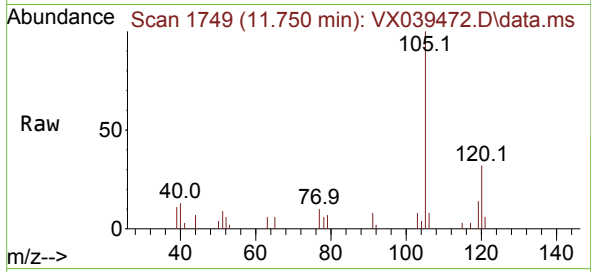
Lab File: VX039472.D

Acq: 26 Dec 2023 16:58

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:105 Resp: 3434

Ion	Ratio	Lower	Upper
105	100		
134	0.0	9.8	29.4#

