

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
 Data File : VX040569.D
 Acq On : 04 Mar 2024 15:20
 Operator : JC/MD
 Sample : P1669-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

Quant Time: Mar 05 00:26:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

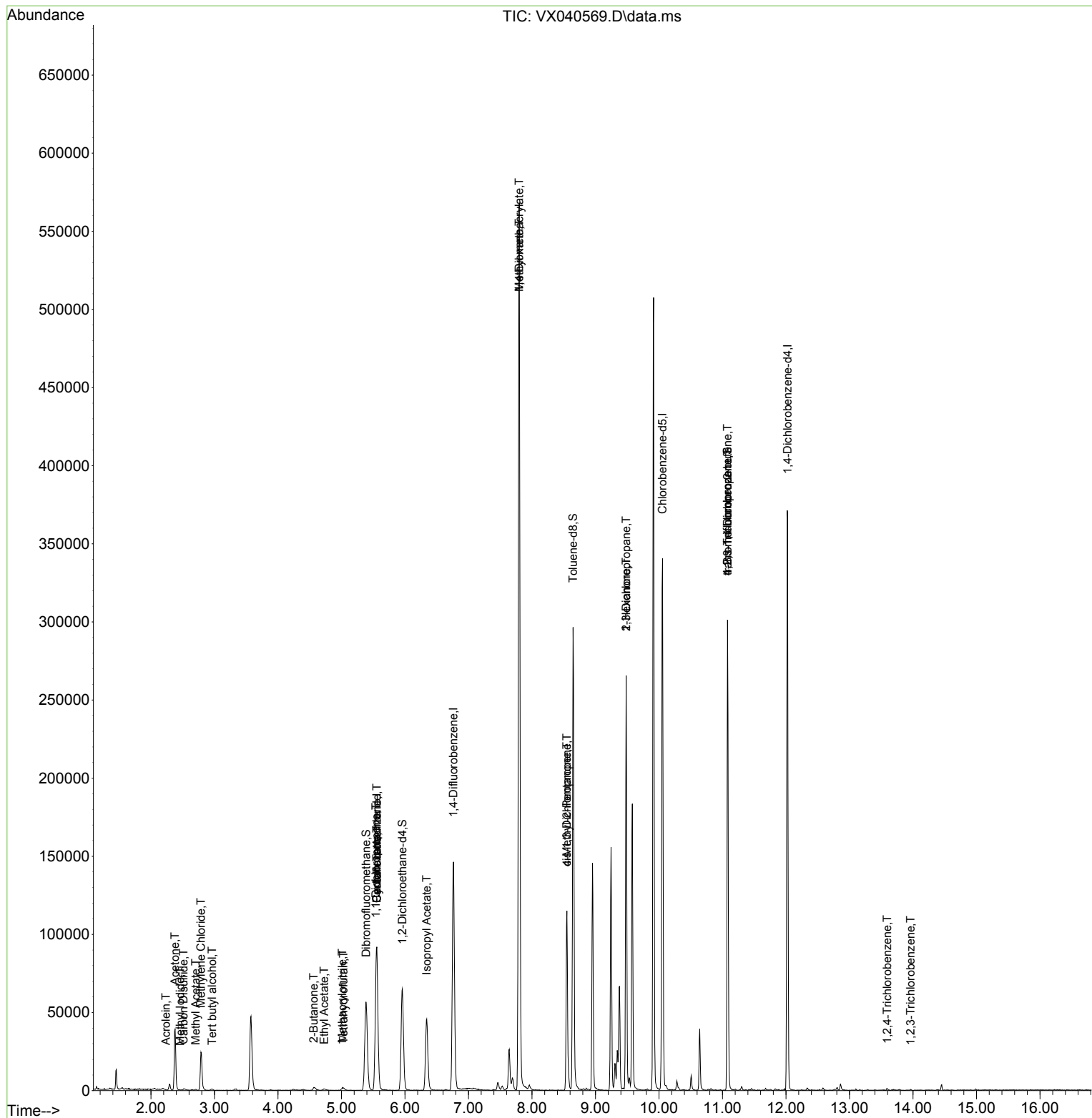
Internal Standards						
1) Pentafluorobenzene	5.556	168	80977	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	139732	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143035	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66450	49.063	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.120%		
35) Dibromofluoromethane	5.385	113	48278	49.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.360%		
50) Toluene-d8	8.647	98	165747	46.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.980%		
62) 4-Bromofluorobenzene	11.079	95	73283	54.506	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	109.020%		
Target Compounds					Qvalue	
10) Methyl Iodide	2.459	142	19	3.024	ug/l #	34
11) Tert butyl alcohol	2.965	59	882	3.874	ug/l #	95
13) Acrolein	2.233	56	153	1.048	ug/l	86
16) Acetone	2.380	43	43553	98.606	ug/l	97
17) Carbon Disulfide	2.514	76	560	0.219	ug/l #	76
18) Methyl Acetate	2.703	43	836	0.614	ug/l #	89
20) Methylene Chloride	2.788	84	11302	10.693	ug/l	95
25) 2-Butanone	4.562	43	3743	4.864	ug/l	92
29) Tetrahydrofuran	5.032	42	1513	2.818	ug/l #	51
31) Cyclohexane	5.556	56	2259	1.472	ug/l #	35
36) 1,1-Dichloropropene	5.544	75	7365	4.920	ug/l #	51
37) Ethyl Acetate	4.727	43	2327	1.420	ug/l #	78
38) Carbon Tetrachloride	5.556	117	9043	6.253	ug/l #	16
41) Methacrylonitrile	5.013	41	932	1.018	ug/l #	40
43) Isopropyl Acetate	6.342	43	63834	24.830	ug/l	98
48) Methyl methacrylate	7.800	41	53680	41.776	ug/l #	51
49) 1,4-Dioxane	7.800	88	31	1.275	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	44583	26.229	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	16466	9.613	ug/l #	68
57) 1,3-Dichloropropane	9.482	76	2199	1.223	ug/l #	42
59) 2-Hexanone	9.482	43	31851	24.373	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	43879	26.842	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43879	77.927	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	401	0.250	ug/l	96
96) 1,2,3-Trichlorobenzene	13.963	180	313	0.205	ug/l #	71

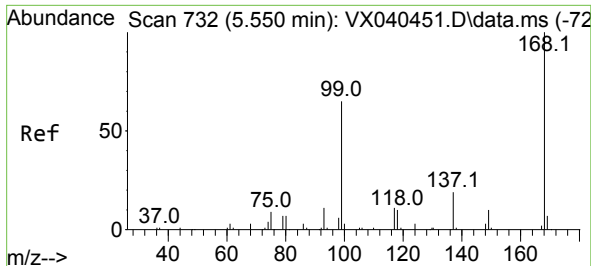
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
Data File : VX040569.D
Acq On : 04 Mar 2024 15:20
Operator : JC/MD
Sample : P1669-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-11

Quant Time: Mar 05 00:26:54 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 27 05:01:33 2024
Response via : Initial Calibration

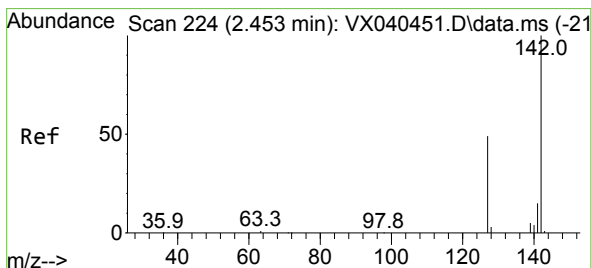
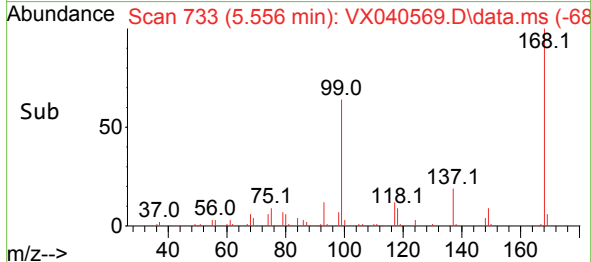
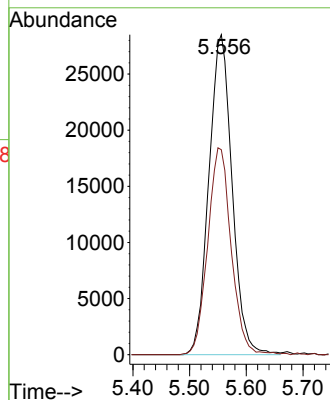
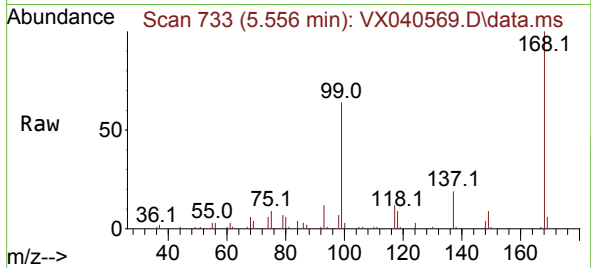




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

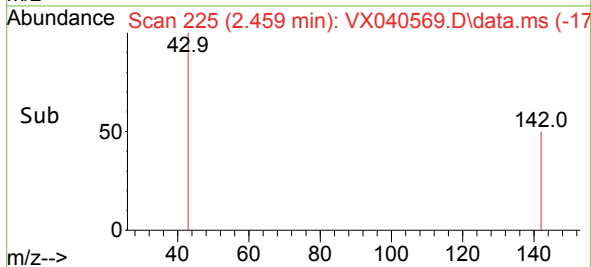
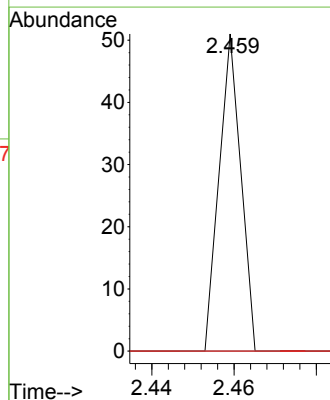
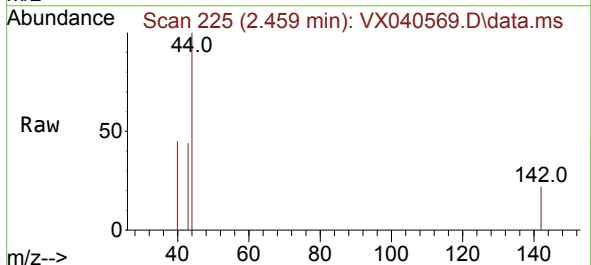
Instrument :
MSVOA_X
ClientSampleId :
TP-11

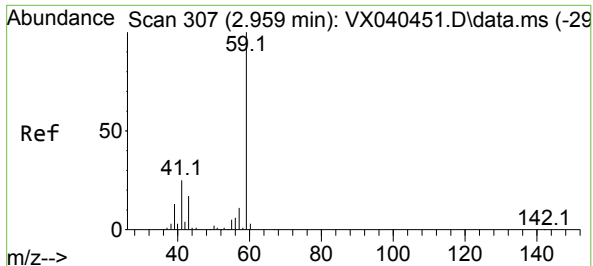
Tgt Ion:168 Resp: 80977
Ion Ratio Lower Upper
168 100
99 64.0 56.6 85.0



#10
Methyl Iodide
Concen: 3.024 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

Tgt Ion:142 Resp: 19
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#





#11

Tert butyl alcohol

Concen: 3.874 ug/l

RT: 2.965 min Scan# 307

Delta R.T. 0.006 min

Lab File: VX040569.D

Acq: 04 Mar 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

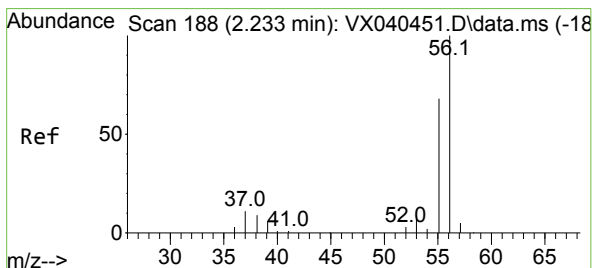
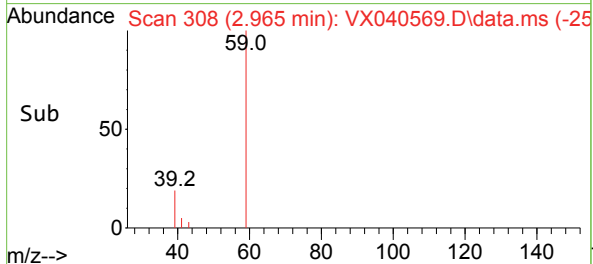
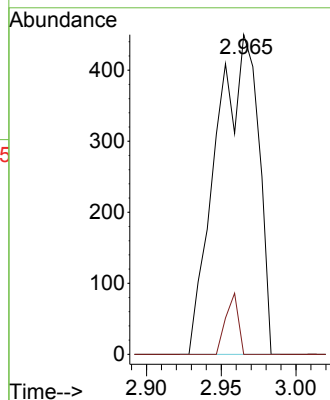
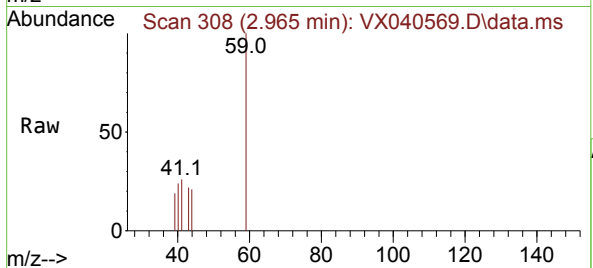
TP-11

Tgt Ion: 59 Resp: 882

Ion Ratio Lower Upper

59 100

57 5.7 6.0 9.0#



#13

Acrolein

Concen: 1.048 ug/l

RT: 2.233 min Scan# 188

Delta R.T. 0.000 min

Lab File: VX040569.D

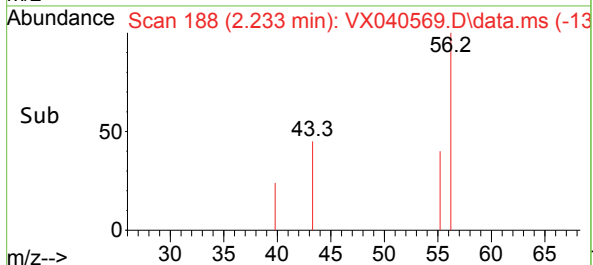
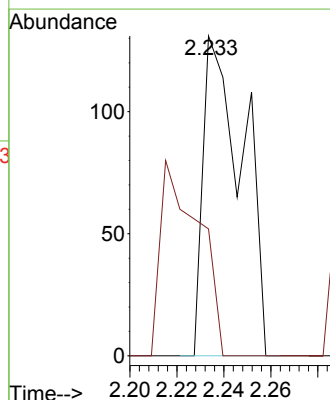
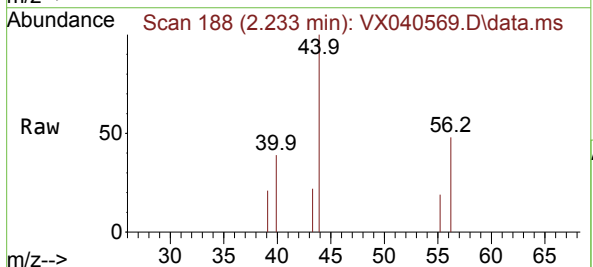
Acq: 04 Mar 2024 15:20

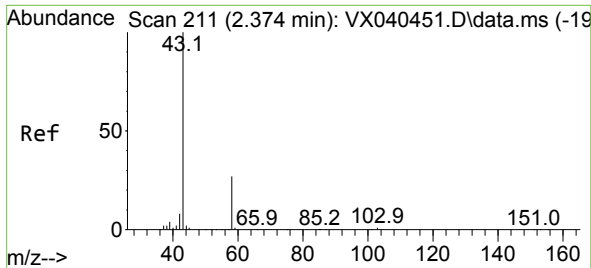
Tgt Ion: 56 Resp: 153

Ion Ratio Lower Upper

56 100

55 59.5 57.1 85.7

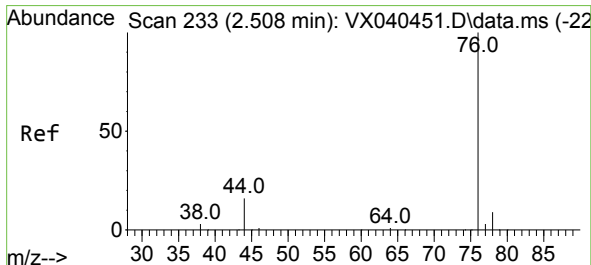
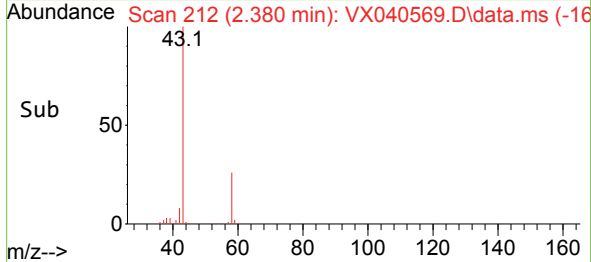
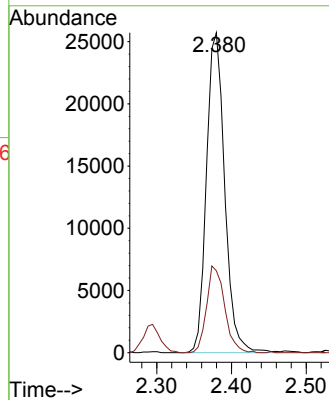
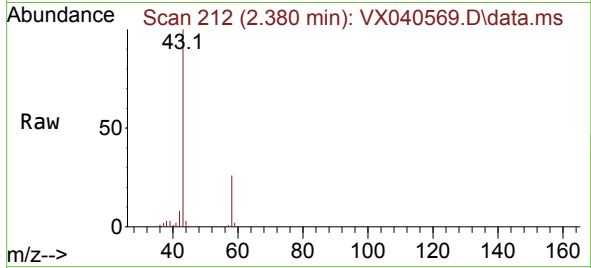




#16
Acetone
Concen: 98.606 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

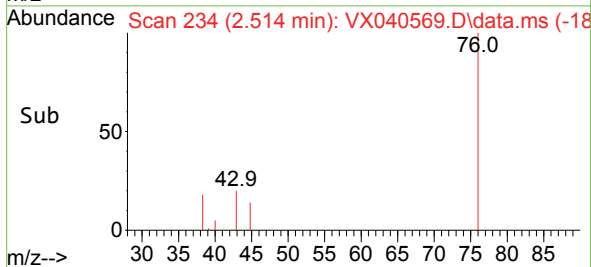
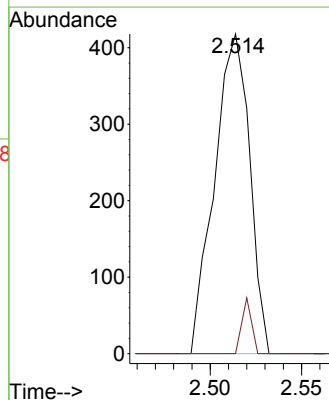
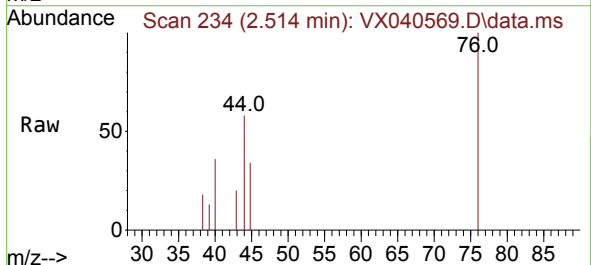
Instrument :
MSVOA_X
ClientSampleId :
TP-11

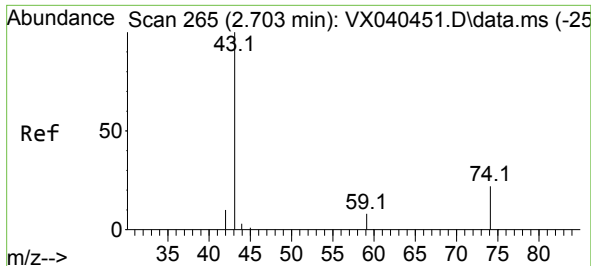
Tgt Ion: 43 Resp: 43553
Ion Ratio Lower Upper
43 100
58 25.6 21.9 32.9



#17
Carbon Disulfide
Concen: 0.219 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

Tgt Ion: 76 Resp: 560
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#18

Methyl Acetate

Concen: 0.614 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX040569.D

Acq: 04 Mar 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

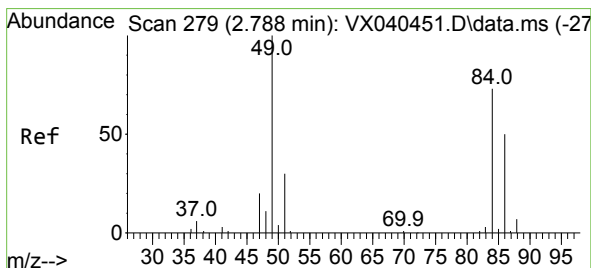
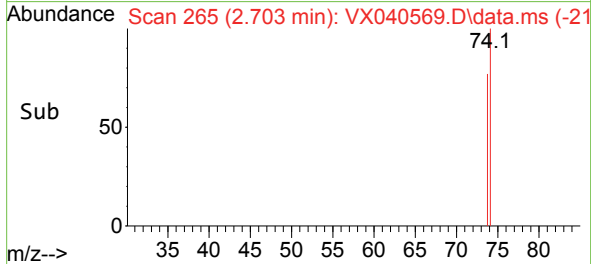
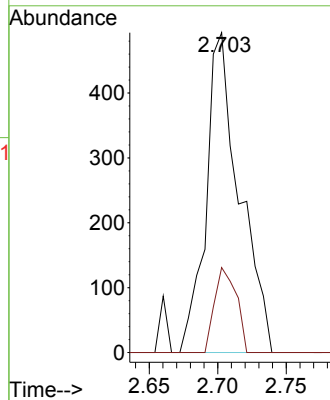
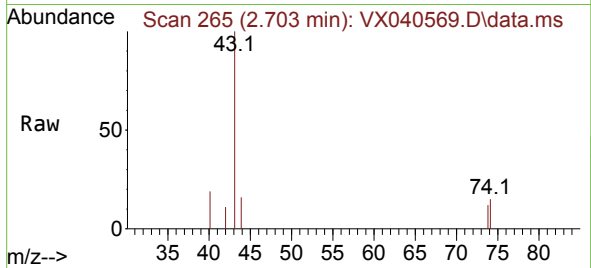
TP-11

Tgt Ion: 43 Resp: 836

Ion Ratio Lower Upper

43 100

74 17.2 17.8 26.8#



#20

Methylene Chloride

Concen: 10.693 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX040569.D

Acq: 04 Mar 2024 15:20

Tgt Ion: 84 Resp: 11302

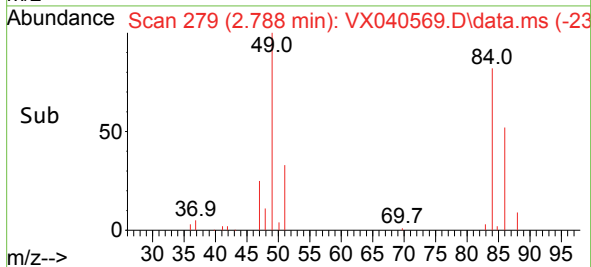
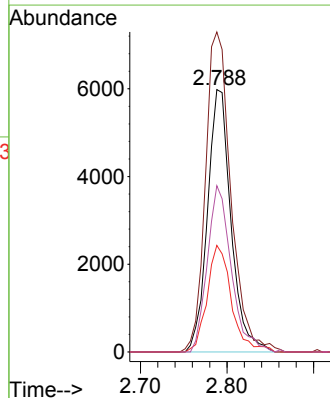
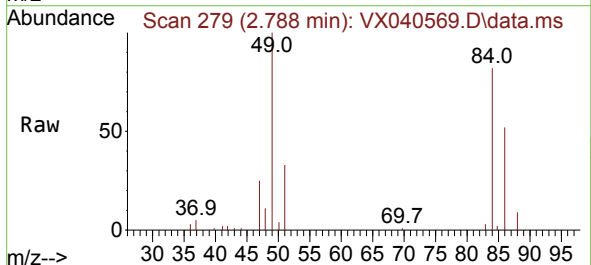
Ion Ratio Lower Upper

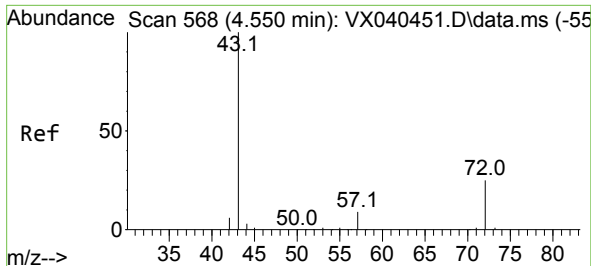
84 100

49 122.0 103.6 155.4

51 40.6 33.8 50.6

86 63.4 49.4 74.0

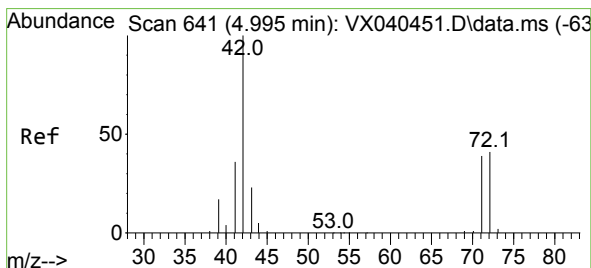
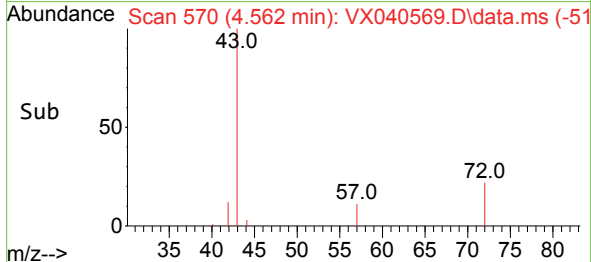
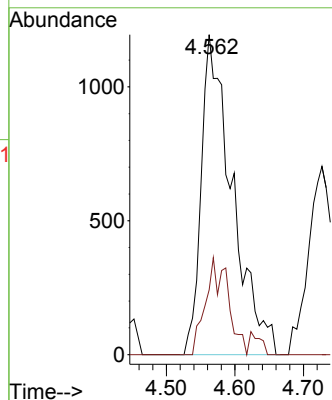
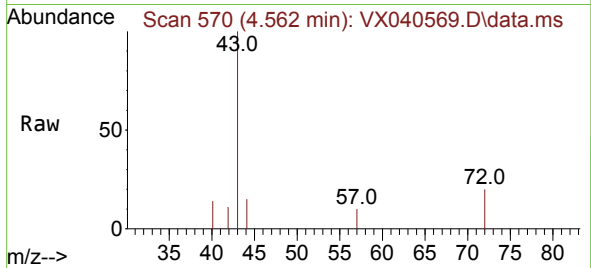




#25
2-Butanone
Concen: 4.864 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

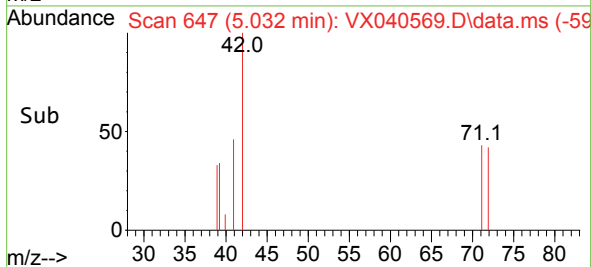
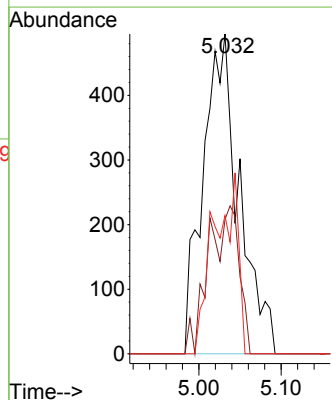
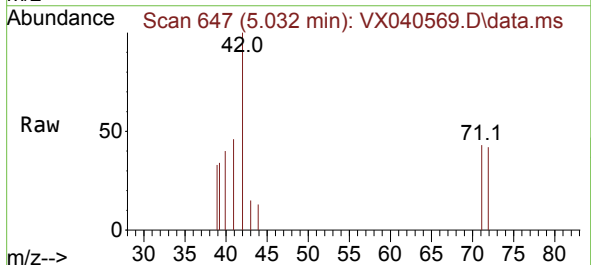
Instrument :
MSVOA_X
ClientSampleId :
TP-11

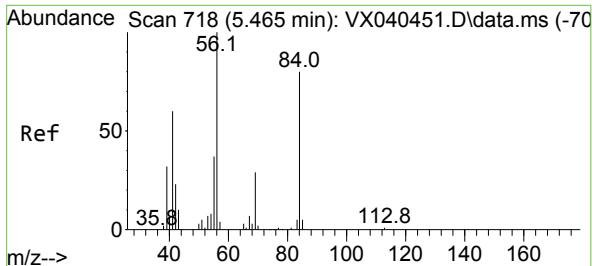
Tgt Ion: 43 Resp: 3743
Ion Ratio Lower Upper
43 100
72 20.3 19.4 29.2



#29
Tetrahydrofuran
Concen: 2.818 ug/l
RT: 5.032 min Scan# 647
Delta R.T. 0.037 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

Tgt Ion: 42 Resp: 1513
Ion Ratio Lower Upper
42 100
72 20.5 34.2 51.4#
71 0.0 32.2 48.2#

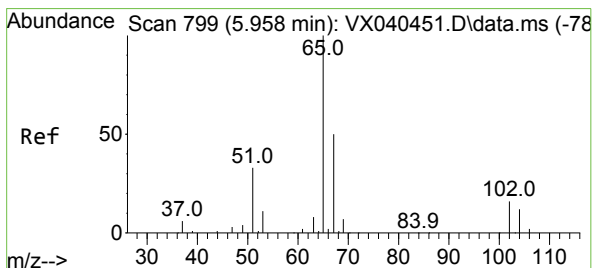
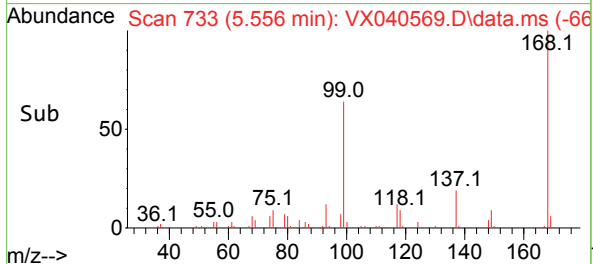
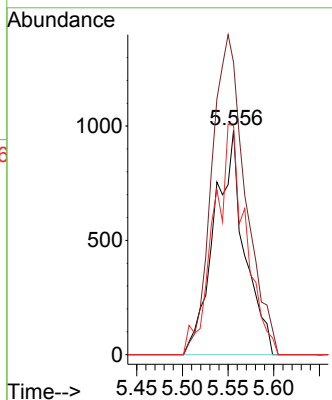
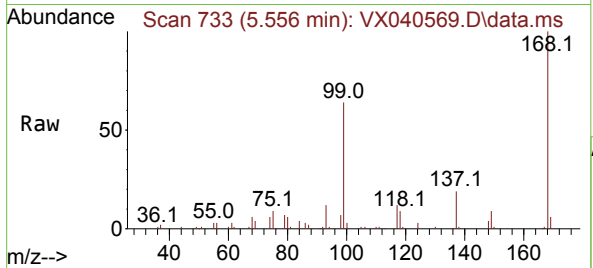




#31
Cyclohexane
Concen: 1.472 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.092 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

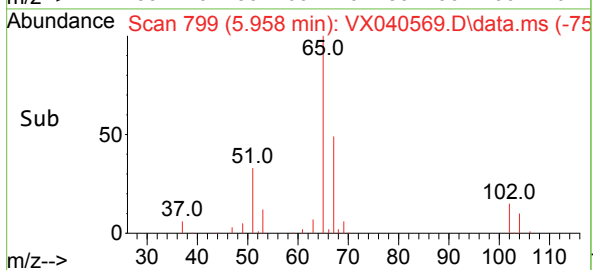
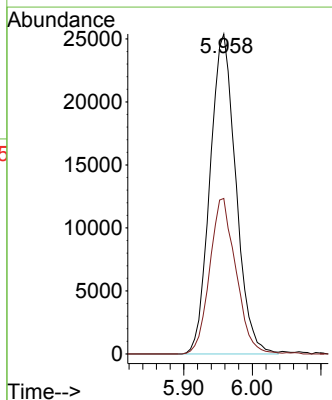
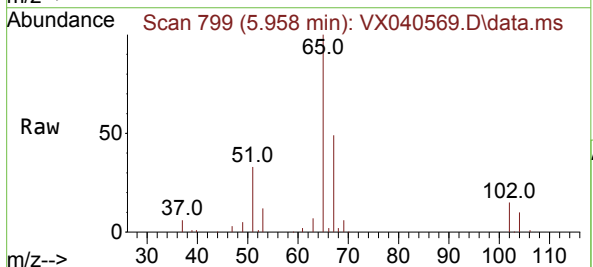
Instrument :
MSVOA_X
ClientSampleId :
TP-11

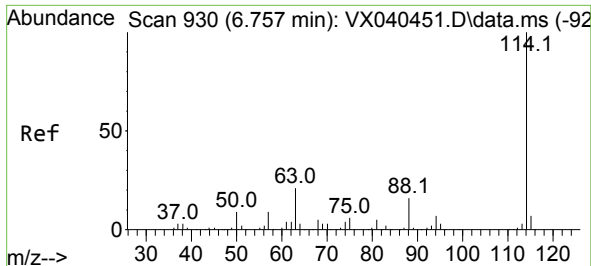
Tgt Ion: 56 Resp: 2259
Ion Ratio Lower Upper
56 100
69 130.0 23.4 35.2#
84 101.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 49.063 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

Tgt Ion: 65 Resp: 66450
Ion Ratio Lower Upper
65 100
67 49.2 0.0 100.2

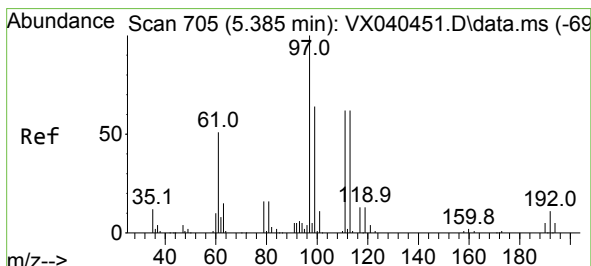
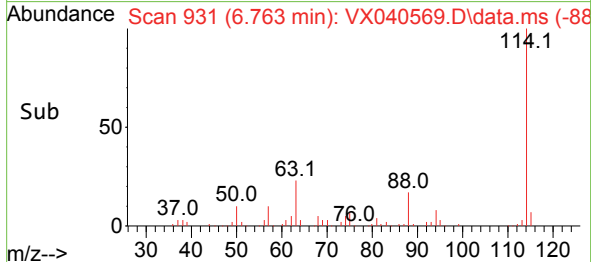
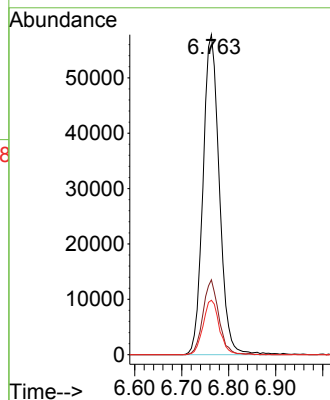
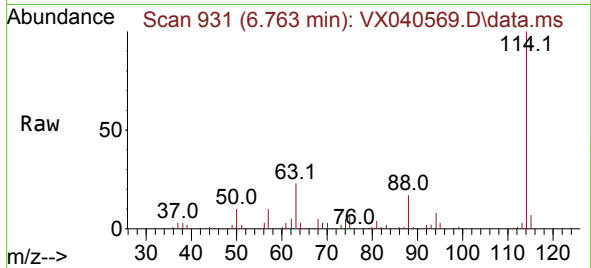




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

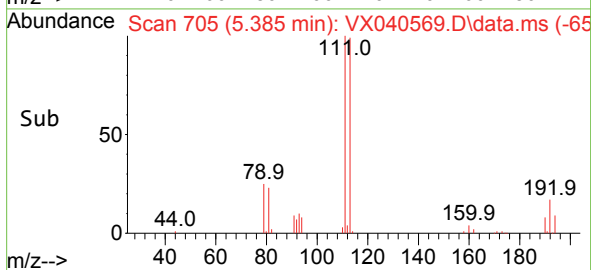
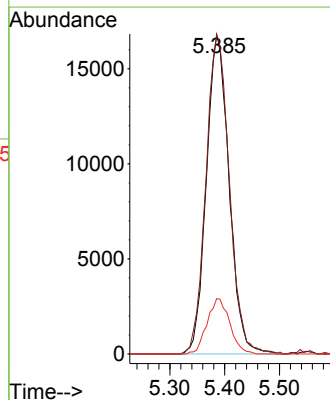
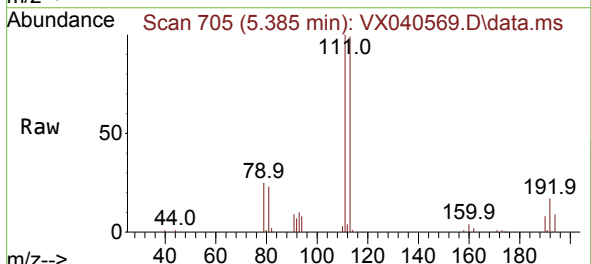
Instrument :
MSVOA_X
ClientSampleId :
TP-11

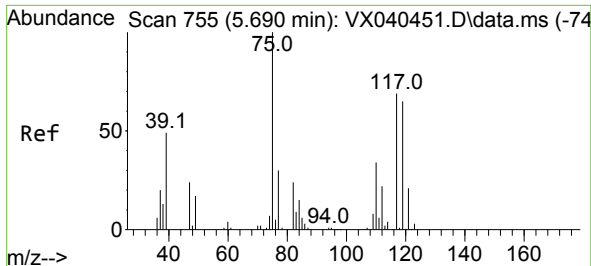
Tgt Ion:114 Resp: 139732
Ion Ratio Lower Upper
114 100
63 23.4 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.685 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

Tgt Ion:113 Resp: 48278
Ion Ratio Lower Upper
113 100
111 103.4 82.9 124.3
192 17.3 13.3 19.9

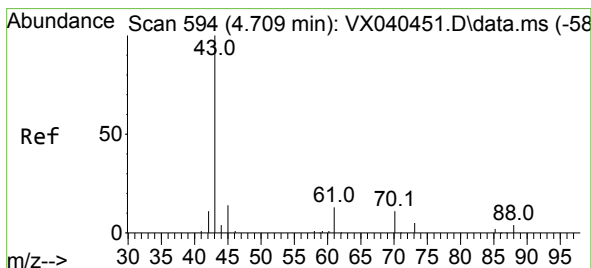
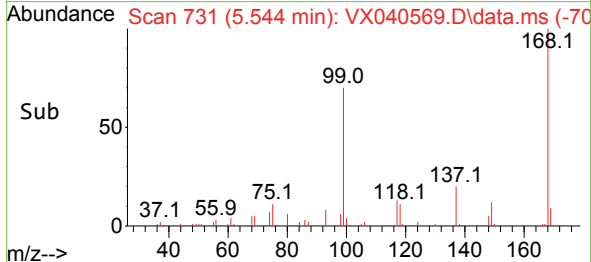
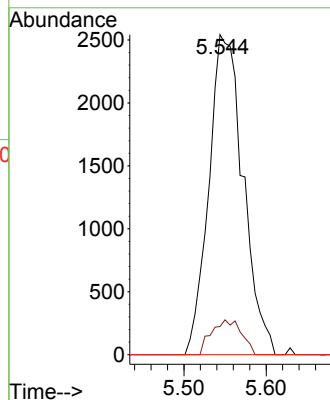
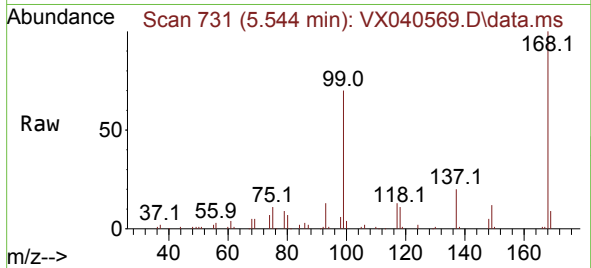




#36
1,1-Dichloropropene
Concen: 4.920 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

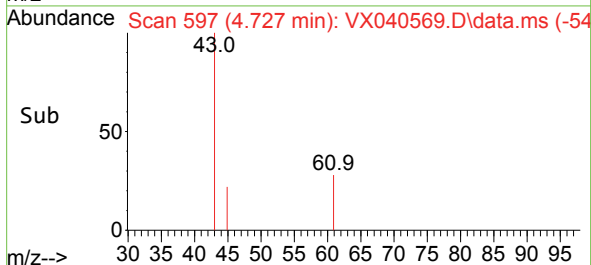
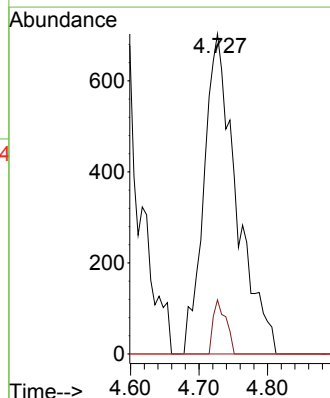
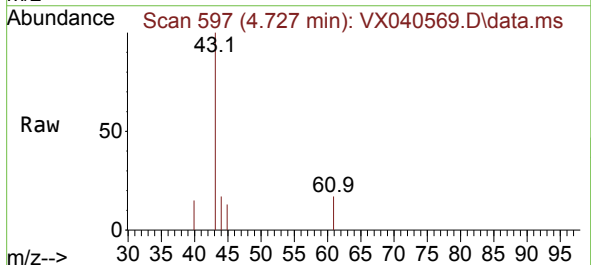
Instrument :
MSVOA_X
ClientSampleId :
TP-11

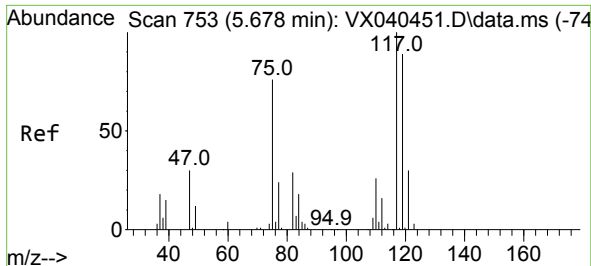
Tgt Ion: 75 Resp: 7365
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.420 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.018 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

Tgt Ion: 43 Resp: 2327
Ion Ratio Lower Upper
43 100
61 6.6 10.6 16.0#
70 0.0 8.3 12.5#

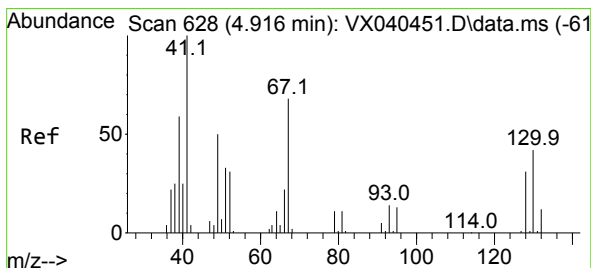
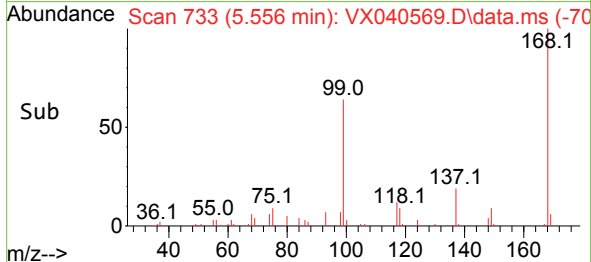
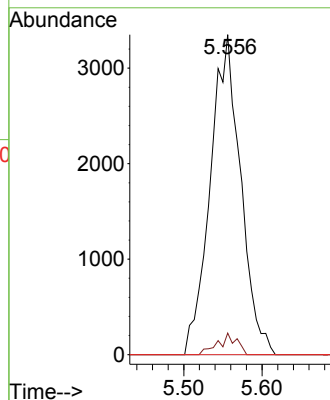
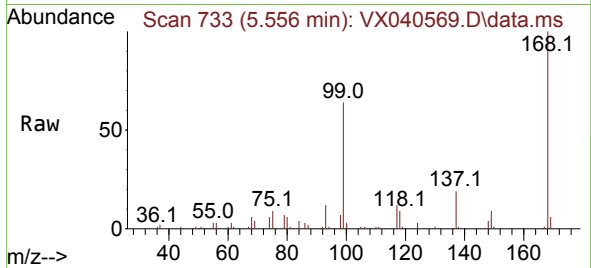




#38
Carbon Tetrachloride
Concen: 6.253 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

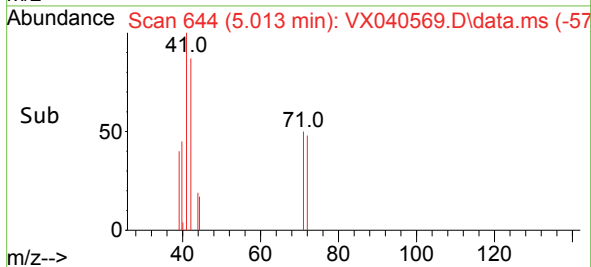
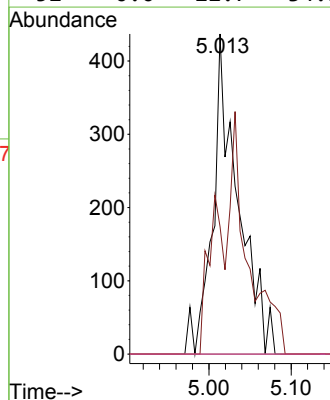
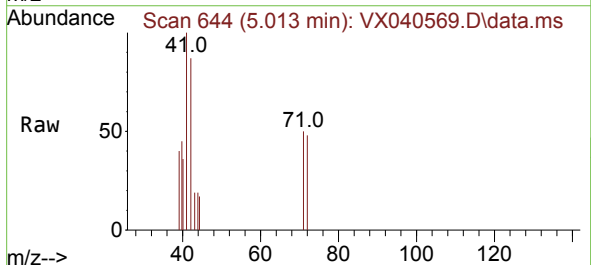
Instrument :
MSVOA_X
ClientSampleId :
TP-11

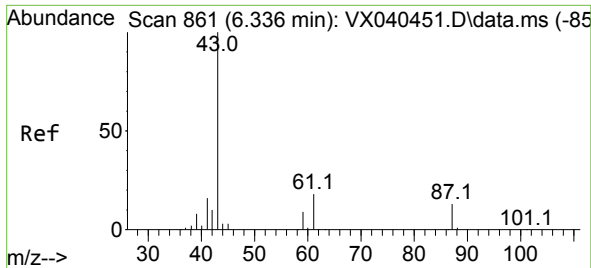
Tgt Ion:117 Resp: 9043
Ion Ratio Lower Upper
117 100
119 6.7 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 1.018 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.098 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

Tgt Ion: 41 Resp: 932
Ion Ratio Lower Upper
41 100
39 30.2 45.2 67.8#
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#

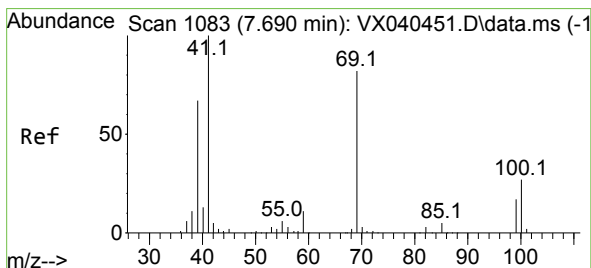
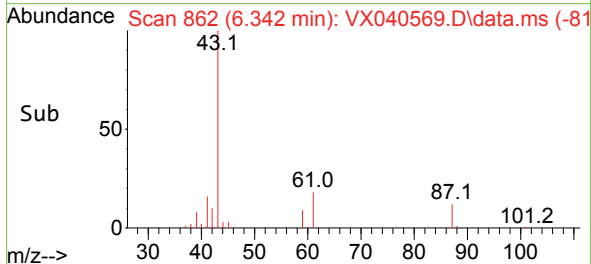
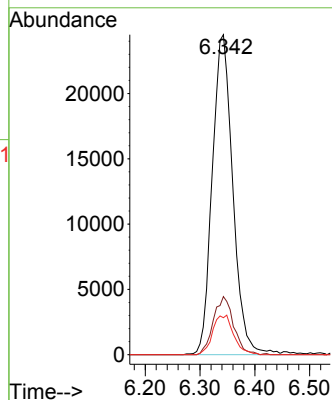
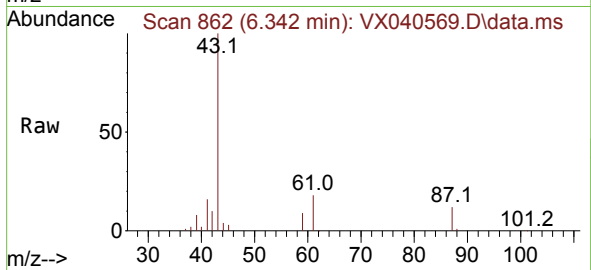




#43
Isopropyl Acetate
Concen: 24.830 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

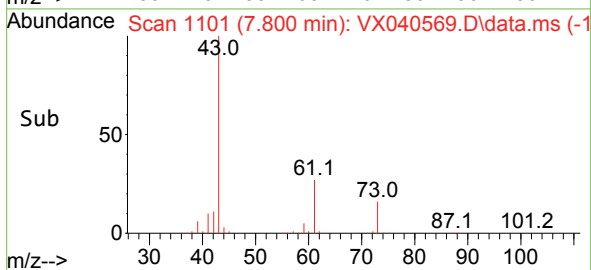
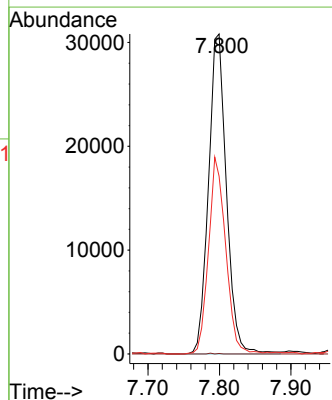
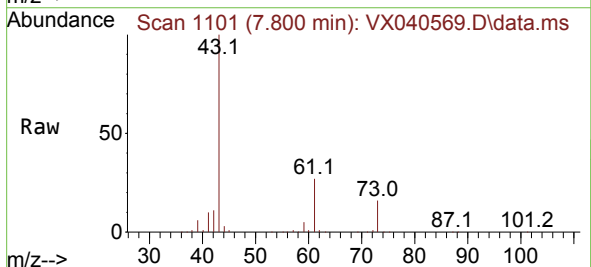
Instrument :
MSVOA_X
ClientSampleId :
TP-11

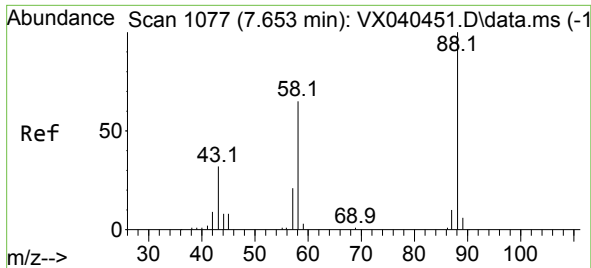
Tgt Ion: 43 Resp: 63834
Ion Ratio Lower Upper
43 100
61 17.8 15.2 22.8
87 12.6 9.8 14.6



#48
Methyl methacrylate
Concen: 41.776 ug/l
RT: 7.800 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

Tgt Ion: 41 Resp: 53680
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 58.9 47.7 71.5

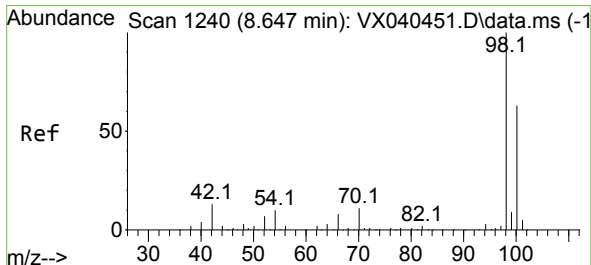
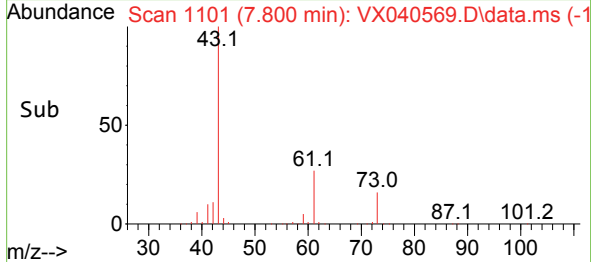
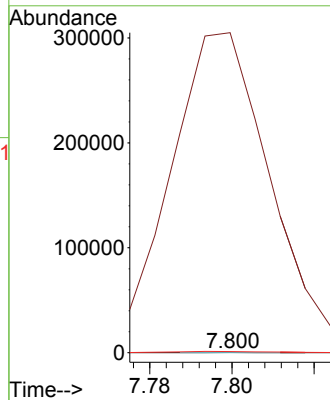
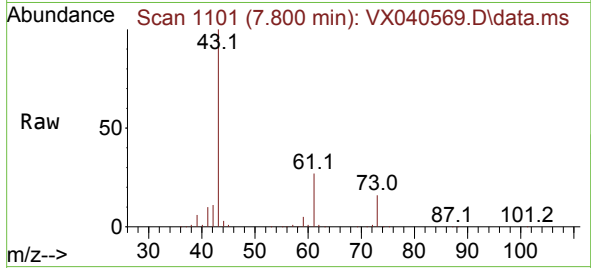




#49
1,4-Dioxane
Concen: 1.275 ug/l
RT: 7.800 min Scan# 1101
Delta R.T. 0.146 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

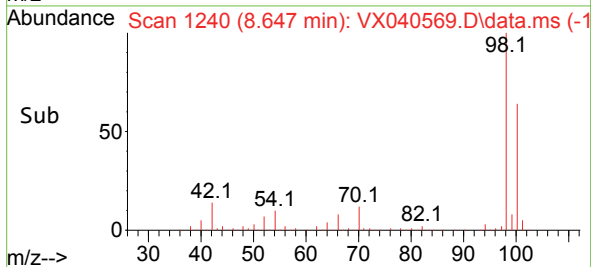
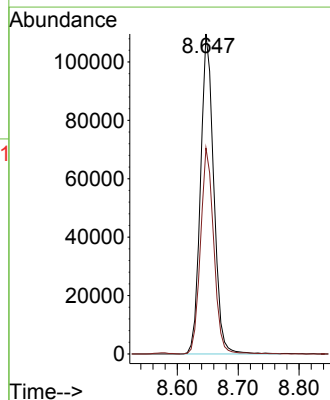
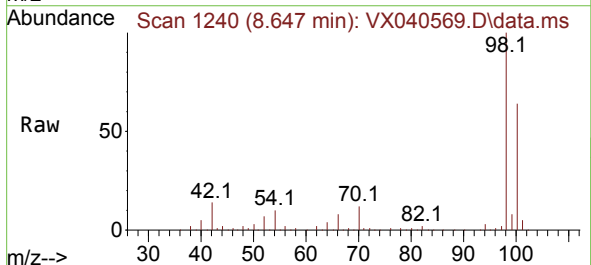
Instrument :
MSVOA_X
ClientSampleId :
TP-11

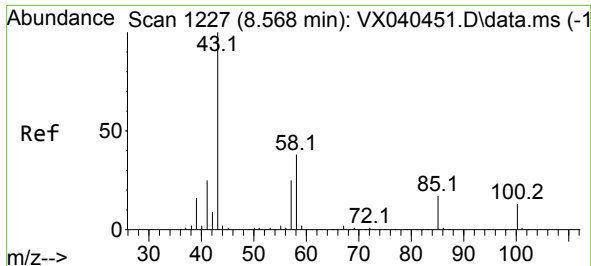
Tgt Ion: 88 Resp: 31
Ion Ratio Lower Upper
88 100
43 1717503.2 0.0 0.0#
58 6658.1 60.1 90.1#



#50
Toluene-d8
Concen: 46.992 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

Tgt Ion: 98 Resp: 165747
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

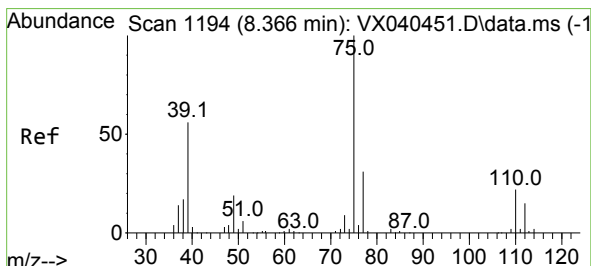
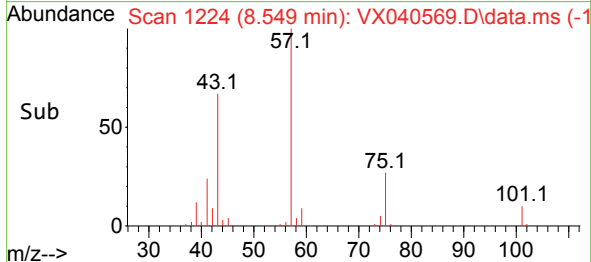
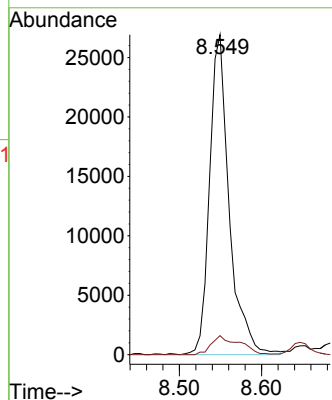
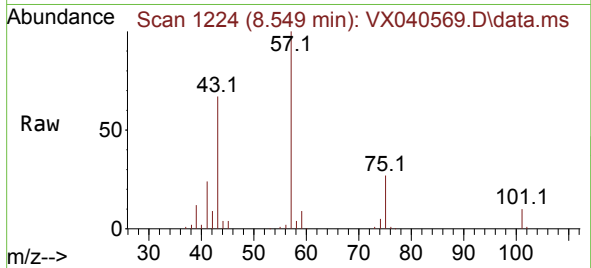




#51
4-Methyl-2-Pentanone
Concen: 26.229 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.018 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

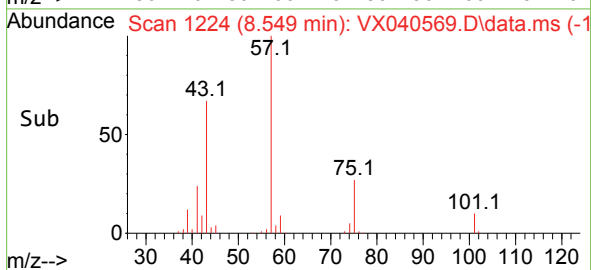
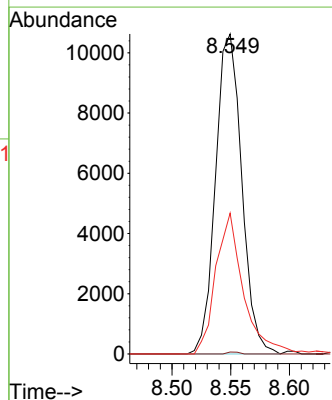
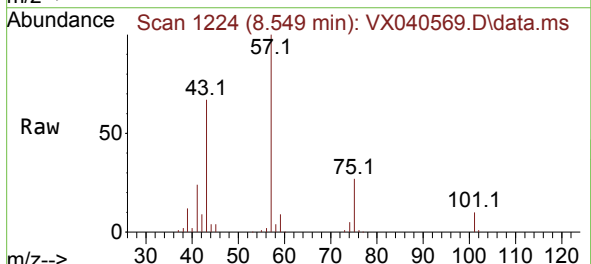
Instrument :
MSVOA_X
ClientSampleId :
TP-11

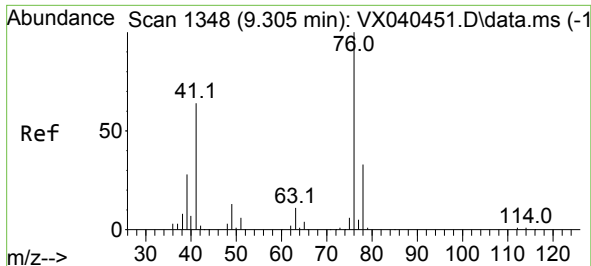
Tgt Ion: 43 Resp: 44583
Ion Ratio Lower Upper
43 100
58 8.6 30.4 45.6#



#54
cis-1,3-Dichloropropene
Concen: 9.613 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

Tgt Ion: 75 Resp: 16466
Ion Ratio Lower Upper
75 100
77 0.6 25.3 37.9#
39 44.0 46.7 70.1#





#57

1,3-Dichloropropane

Concen: 1.223 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX040569.D

Acq: 04 Mar 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

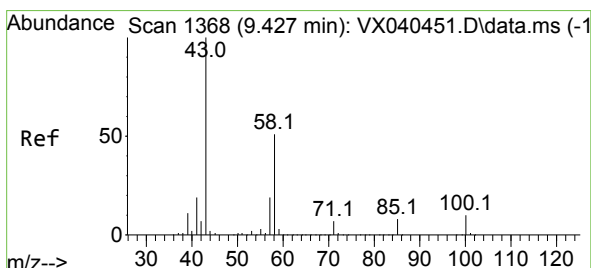
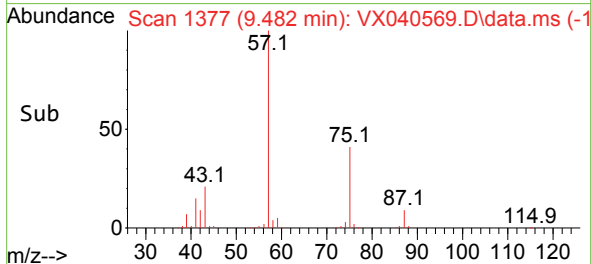
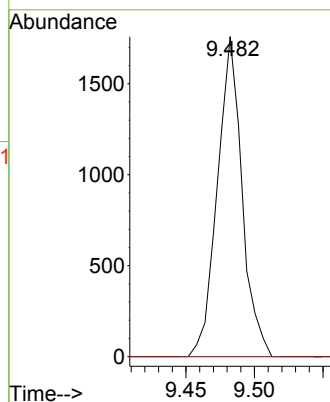
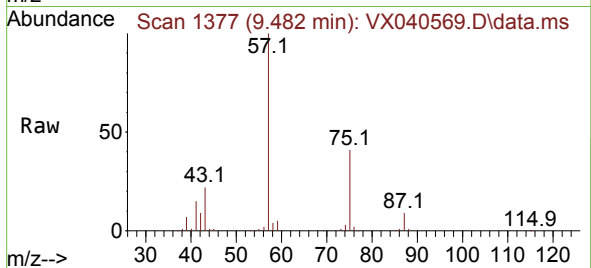
TP-11

Tgt Ion: 76 Resp: 2199

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 24.373 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX040569.D

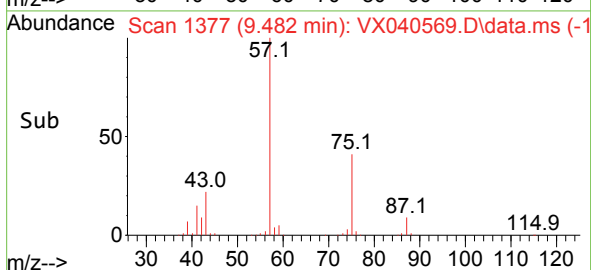
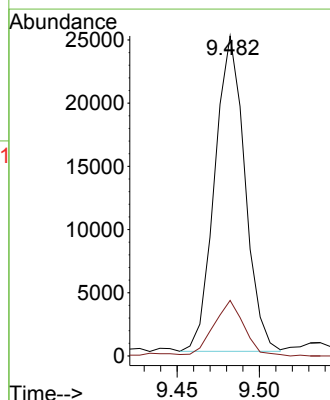
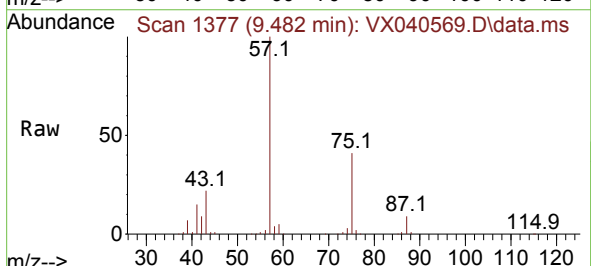
Acq: 04 Mar 2024 15:20

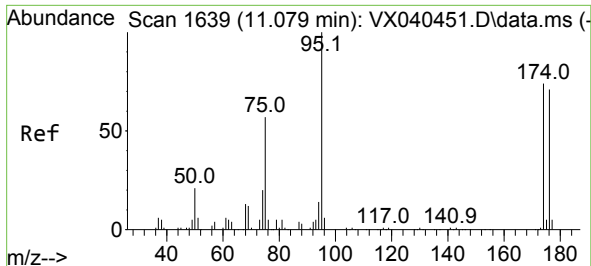
Tgt Ion: 43 Resp: 31851

Ion Ratio Lower Upper

43 100

58 17.8 26.2 78.5#

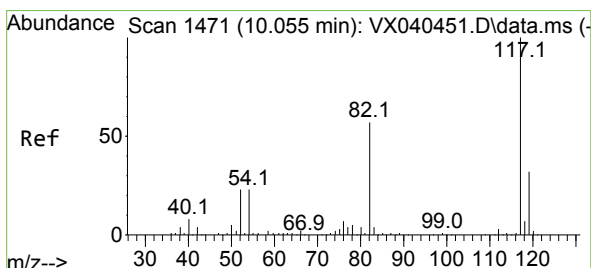
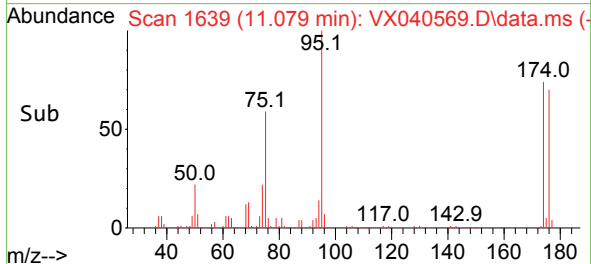
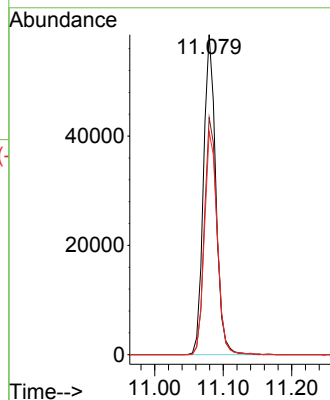
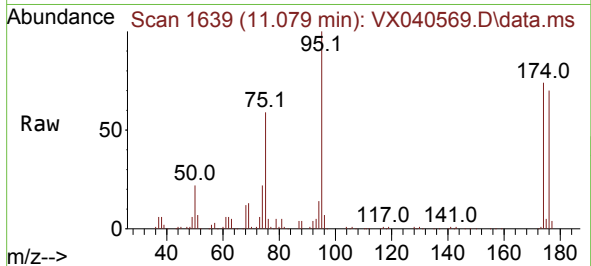




#62
4-Bromofluorobenzene
Concen: 54.506 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

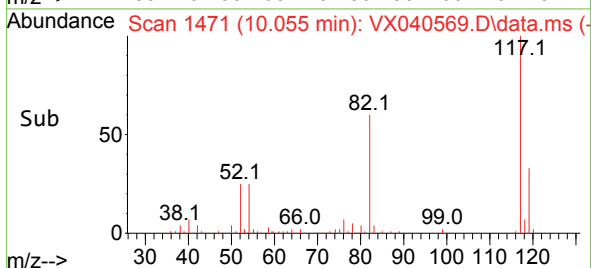
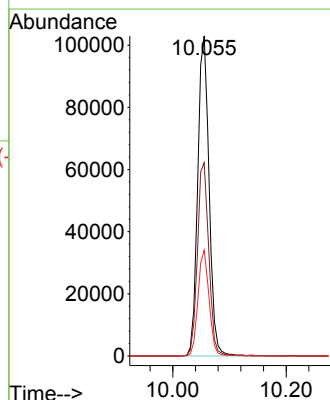
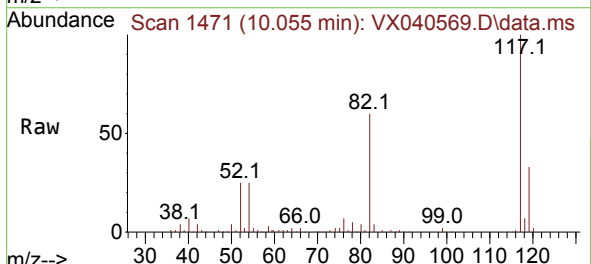
Instrument :
MSVOA_X
ClientSampleId :
TP-11

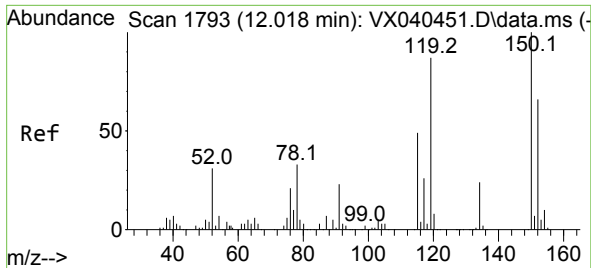
Tgt Ion: 95 Resp: 73283
Ion Ratio Lower Upper
95 100
174 76.0 0.0 135.6
176 72.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040569.D
Acq: 04 Mar 2024 15:20

Tgt Ion: 117 Resp: 143035
Ion Ratio Lower Upper
117 100
82 60.4 46.2 69.4
119 33.0 25.5 38.3

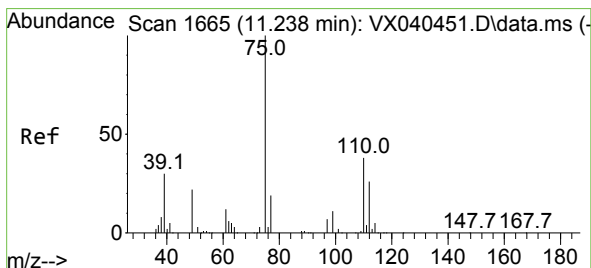
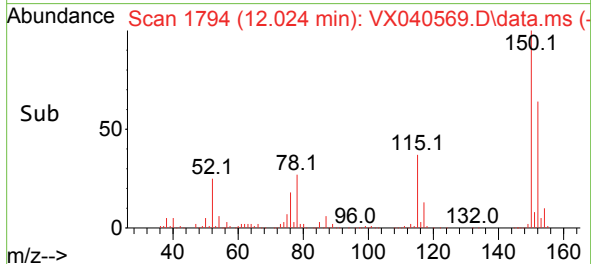
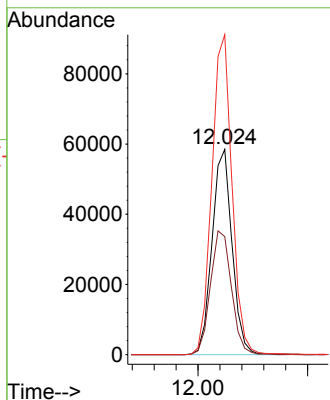
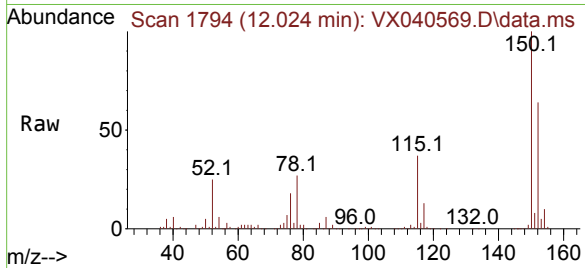




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040569.D
 Acq: 04 Mar 2024 15:20

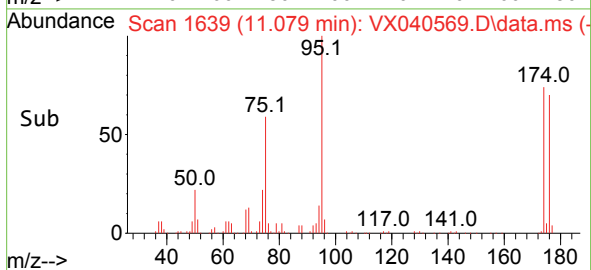
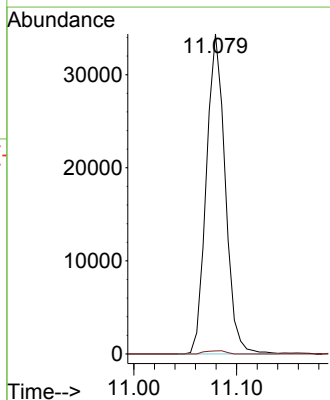
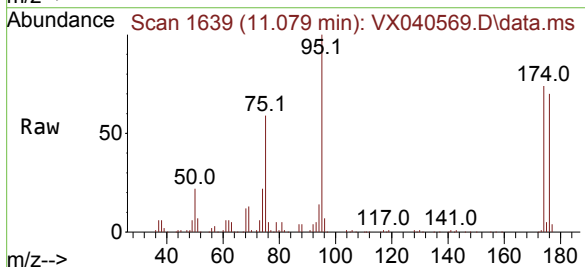
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

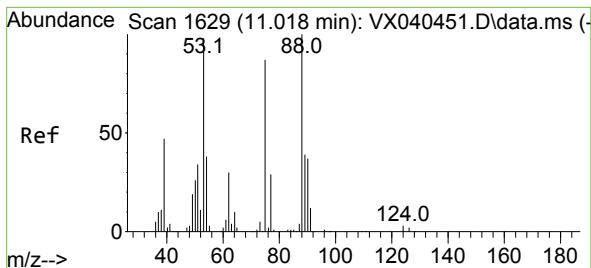
Tgt Ion:152 Resp: 74278
 Ion Ratio Lower Upper
 152 100
 115 63.1 43.3 129.9
 150 156.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 26.842 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX040569.D
 Acq: 04 Mar 2024 15:20

Tgt Ion: 75 Resp: 43879
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

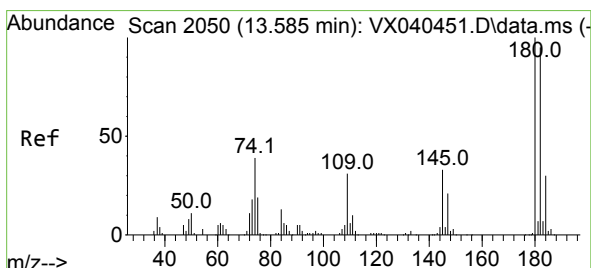
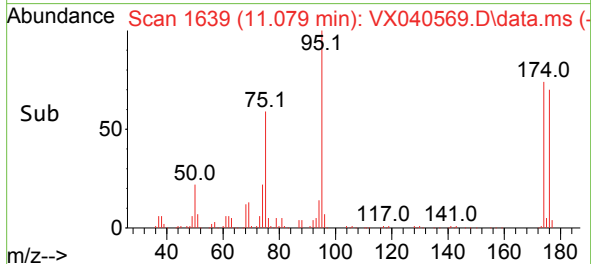
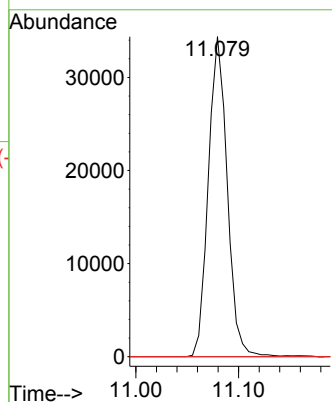
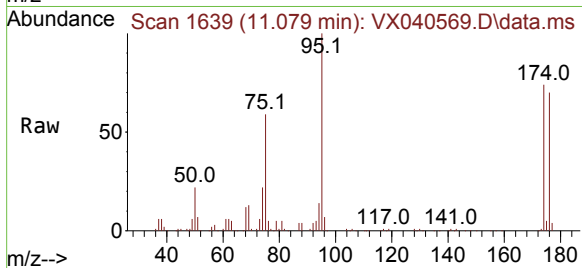




#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.927 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX040569.D
 Acq: 04 Mar 2024 15:20

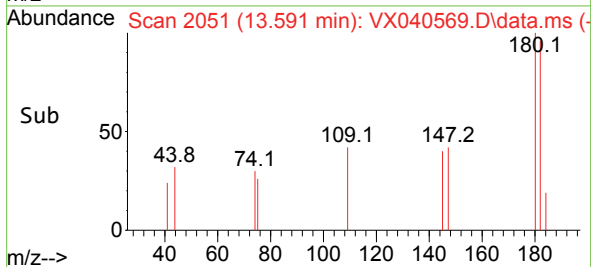
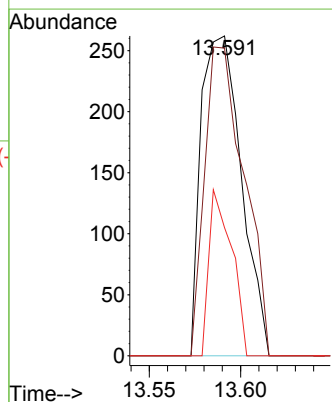
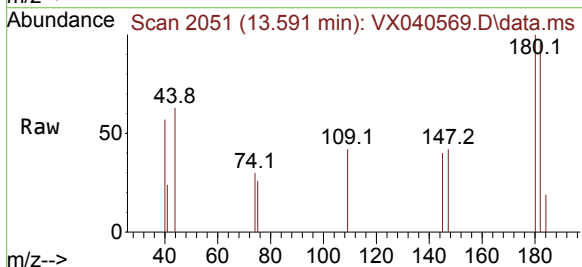
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

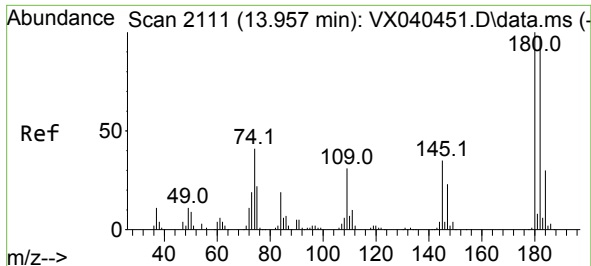
Tgt Ion: 75 Resp: 43879
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.250 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX040569.D
 Acq: 04 Mar 2024 15:20

Tgt Ion:180 Resp: 401
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.3 144.8
 145 29.2 18.0 54.0





#96

1,2,3-Trichlorobenzene

Concen: 0.205 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX040569.D

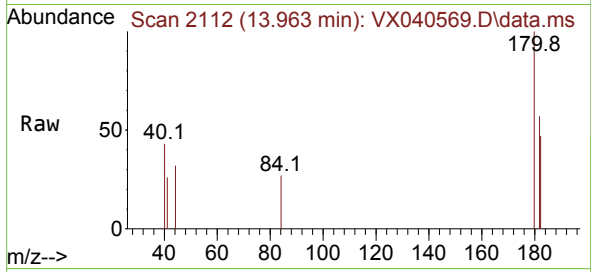
Acq: 04 Mar 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

TP-11



Tgt Ion:180 Resp: 313

Ion Ratio Lower Upper

180 100

182 78.0 46.9 140.6

145 0.0 17.8 53.5#

