

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
 Data File : VX040568.D
 Acq On : 04 Mar 2024 14:57
 Operator : JC/MD
 Sample : P1669-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-14

Quant Time: Mar 05 00:26:31 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

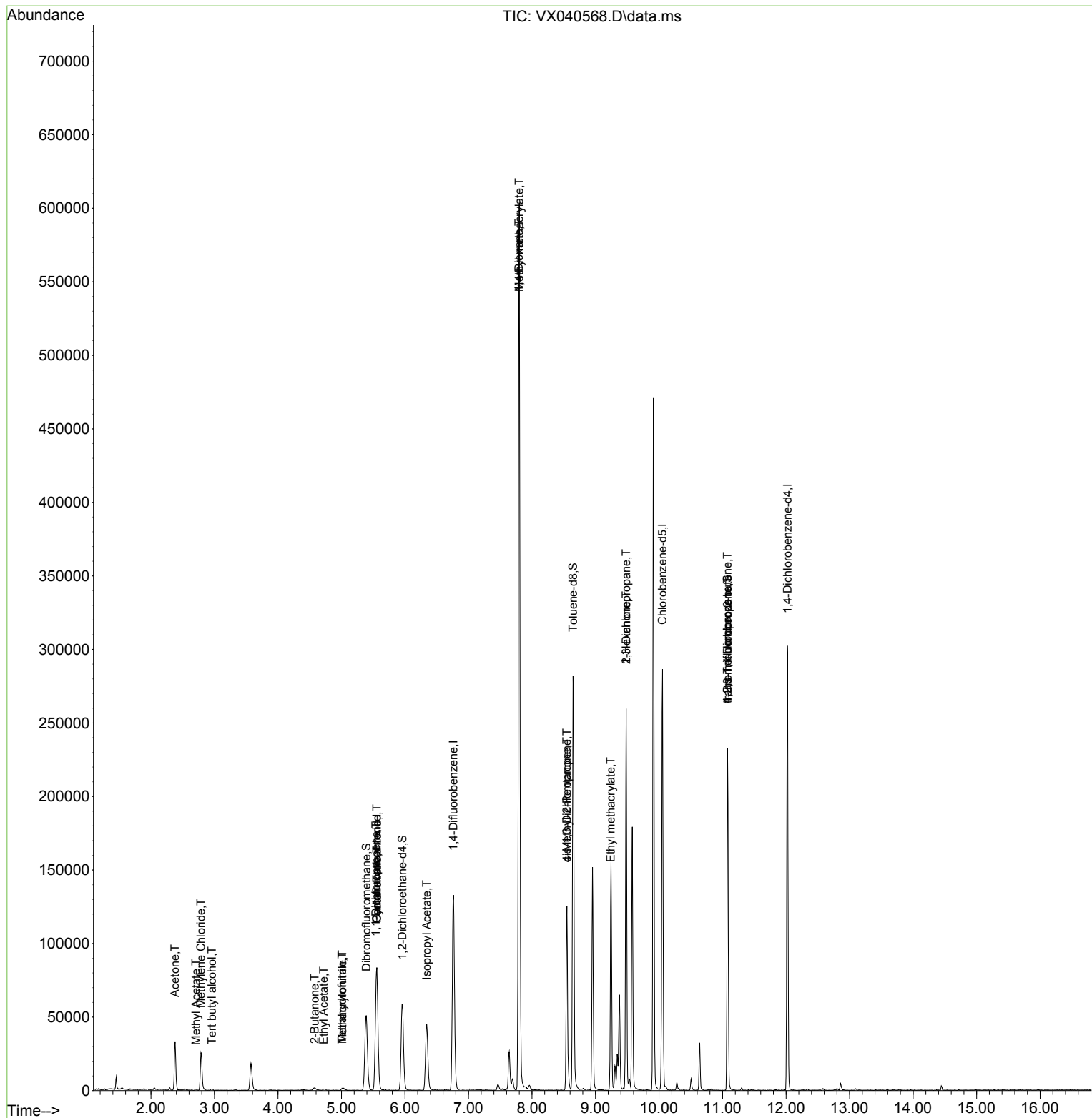
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	73822	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126836	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61518	49.823	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.640%		
35) Dibromofluoromethane	5.391	113	43551	49.377	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.760%		
50) Toluene-d8	8.647	98	161746	50.521	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.040%		
62) 4-Bromofluorobenzene	11.079	95	57561	47.165	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	94.340%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	1129	5.439	ug/l #	84
16) Acetone	2.380	43	35563	88.320	ug/l	93
18) Methyl Acetate	2.709	43	1078	0.868	ug/l #	84
20) Methylene Chloride	2.788	84	12025	12.479	ug/l #	95
25) 2-Butanone	4.574	43	3462	4.935	ug/l	91
29) Tetrahydrofuran	5.007	42	567	1.159	ug/l #	34
31) Cyclohexane	5.556	56	1908	1.364	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	7071	5.203	ug/l #	48
37) Ethyl Acetate	4.721	43	1952	1.313	ug/l #	71
38) Carbon Tetrachloride	5.556	117	8356	6.365	ug/l #	15
41) Methacrylonitrile	5.013	41	1053	1.268	ug/l #	42
43) Isopropyl Acetate	6.342	43	63774	27.329	ug/l	98
48) Methyl methacrylate	7.799	41	57697	49.468	ug/l #	50
49) 1,4-Dioxane	7.793	88	112	5.076	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	48603	31.502	ug/l #	45
54) cis-1,3-Dichloropropene	8.549	75	18044	11.605	ug/l #	65
56) Ethyl methacrylate	9.238	69	422	0.291	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2015	1.235	ug/l #	42
59) 2-Hexanone	9.482	43	30914	26.061	ug/l #	53
76) 1,2,3-Trichloropropane	11.079	75	34057	25.674	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	34057	74.810	ug/l #	5

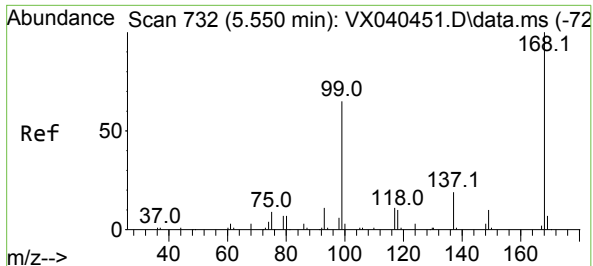
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 27 05:01:33 2024
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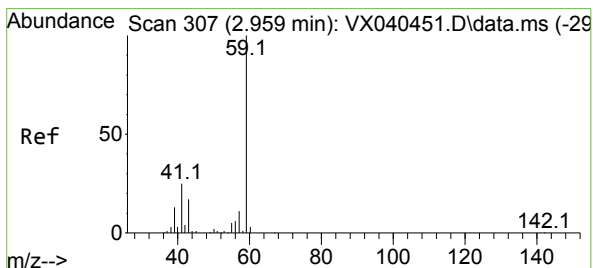
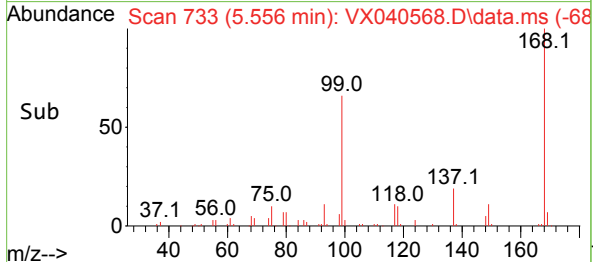
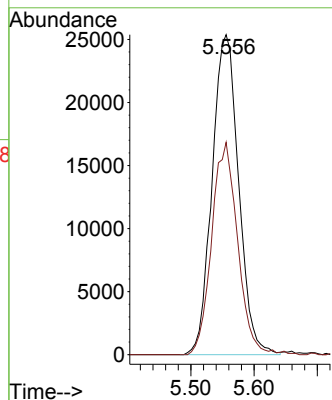
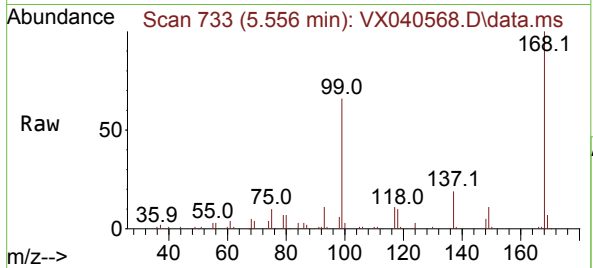




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

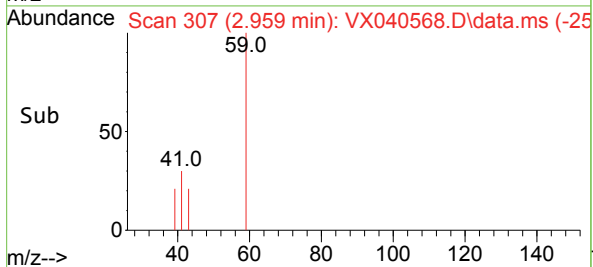
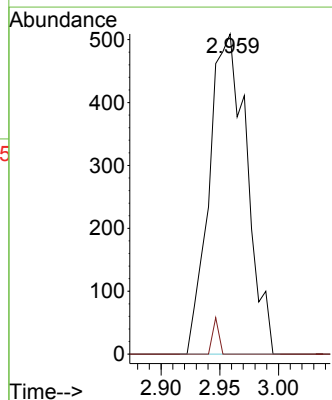
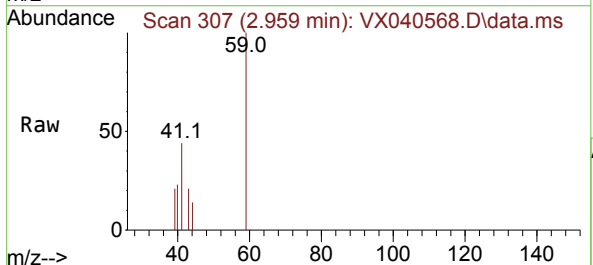
Instrument :
MSVOA_X
ClientSampleId :
TP-14

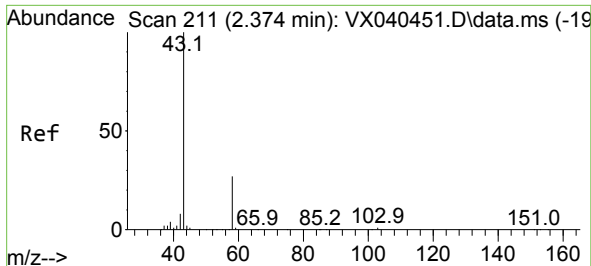
Tgt Ion:168 Resp: 73822
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 5.439 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

Tgt Ion: 59 Resp: 1129
Ion Ratio Lower Upper
59 100
57 1.9 6.0 9.0#

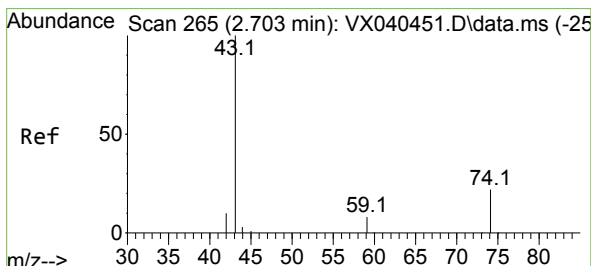
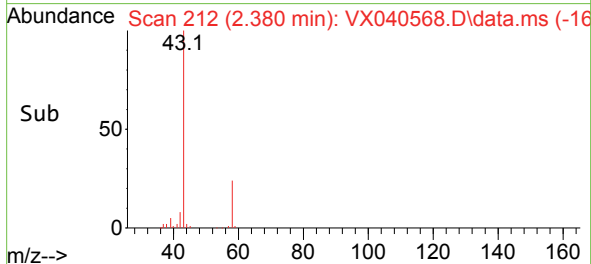
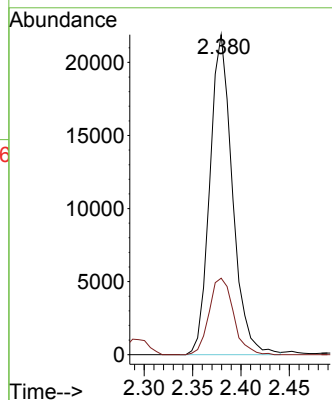
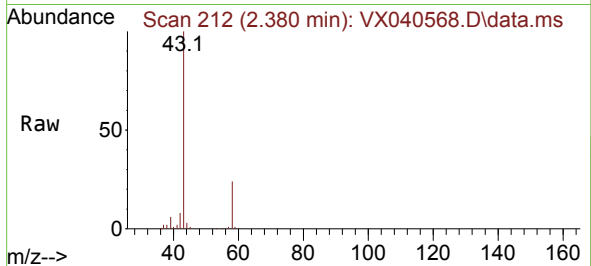




#16
Acetone
Concen: 88.320 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

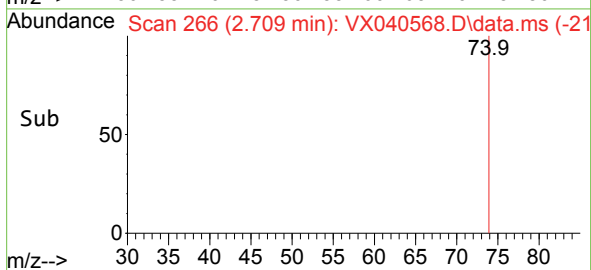
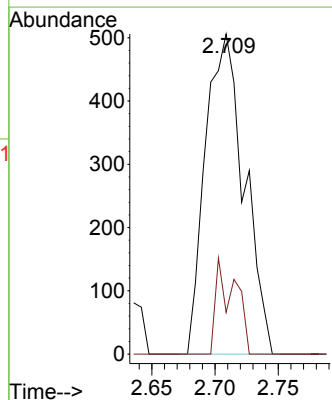
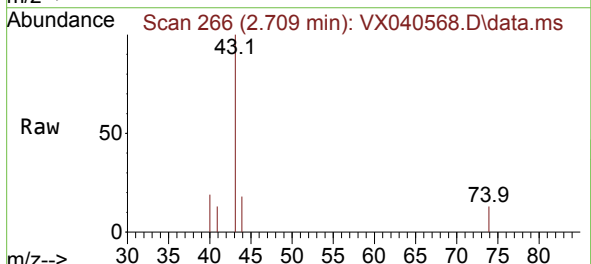
Instrument :
MSVOA_X
ClientSampleId :
TP-14

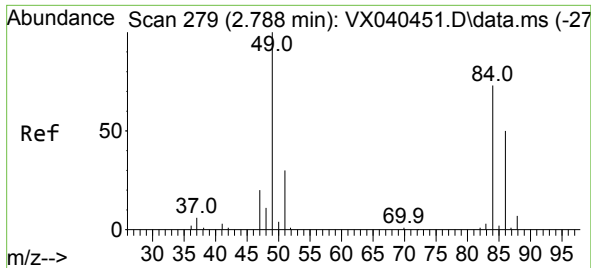
Tgt Ion: 43 Resp: 35563
Ion Ratio Lower Upper
43 100
58 23.9 21.9 32.9



#18
Methyl Acetate
Concen: 0.868 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
74 14.7 17.8 26.8#

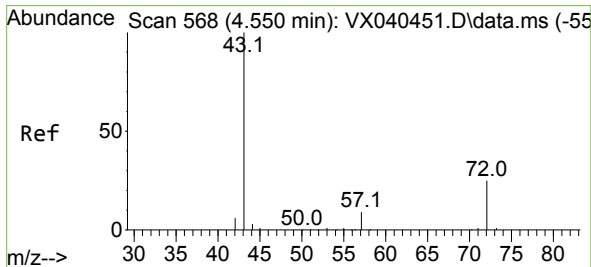
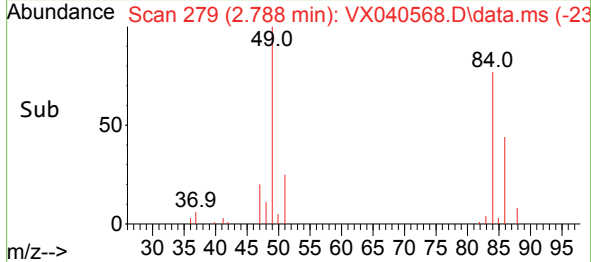
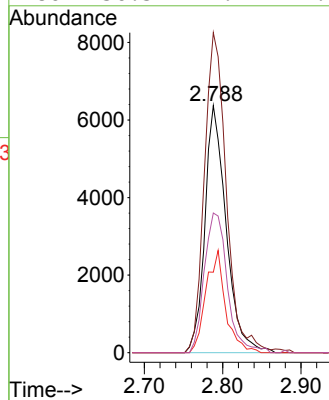
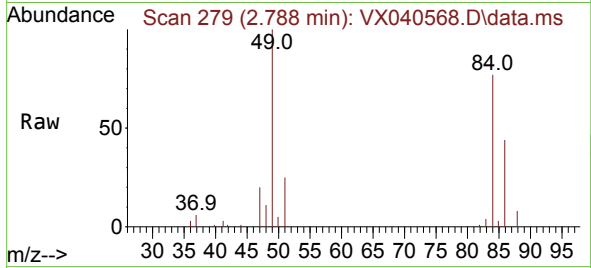




#20
Methylene Chloride
Concen: 12.479 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

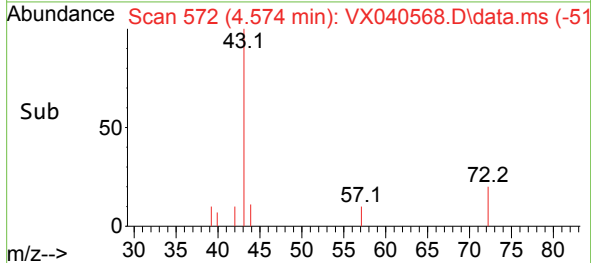
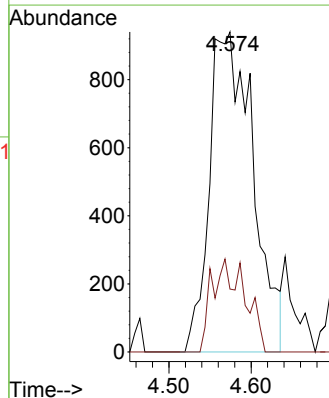
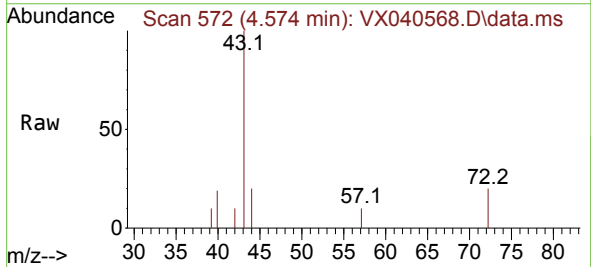
Instrument :
MSVOA_X
ClientSampleId :
TP-14

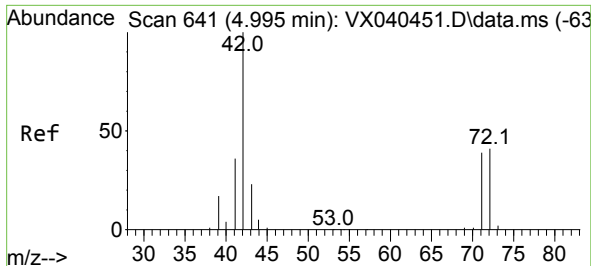
Tgt Ion: 84	Resp: 12025
Ion Ratio	Lower Upper
84 100	
49 129.6	103.6 155.4
51 32.6	33.8 50.6#
86 56.5	49.4 74.0



#25
2-Butanone
Concen: 4.935 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.024 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

Tgt Ion: 43	Resp: 3462		
Ion Ratio	Lower	Upper	
43 100			
72 19.7	19.4	29.2	





#29

Tetrahydrofuran

Concen: 1.159 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX040568.D

Acq: 04 Mar 2024 14:57

Instrument :

MSVOA_X

ClientSampleId :

TP-14

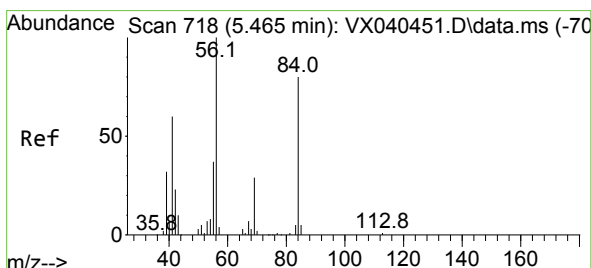
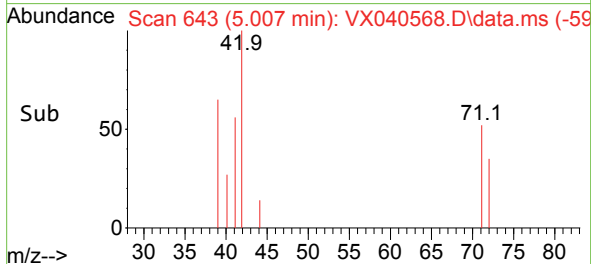
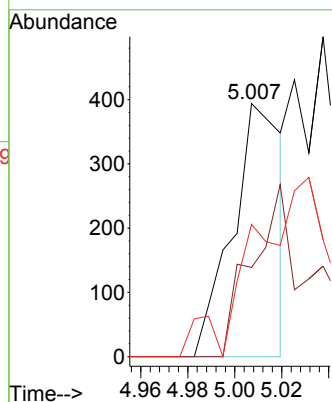
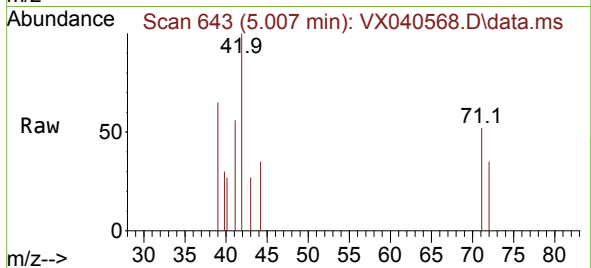
Tgt Ion: 42 Resp: 567

Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#



#31

Cyclohexane

Concen: 1.364 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.091 min

Lab File: VX040568.D

Acq: 04 Mar 2024 14:57

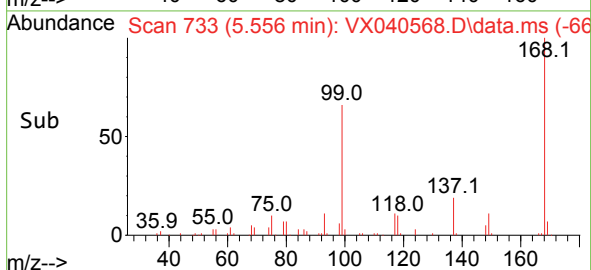
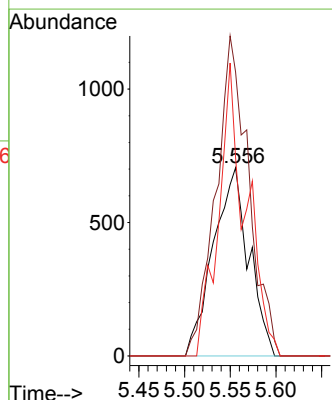
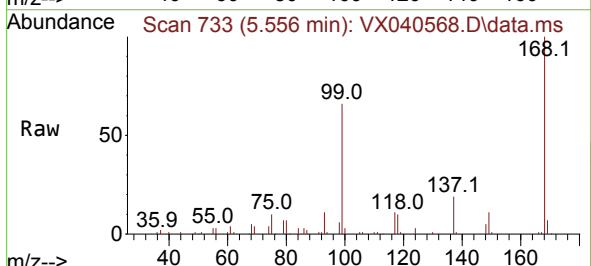
Tgt Ion: 56 Resp: 1908

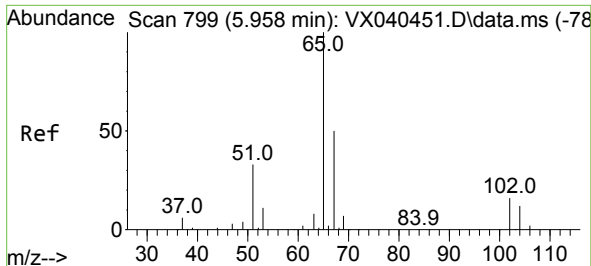
Ion Ratio Lower Upper

56 100

69 151.1 23.4 35.2#

84 105.5 65.9 98.9#

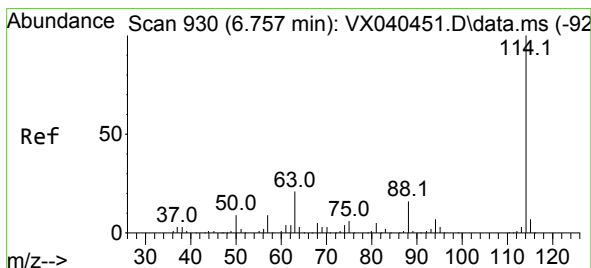
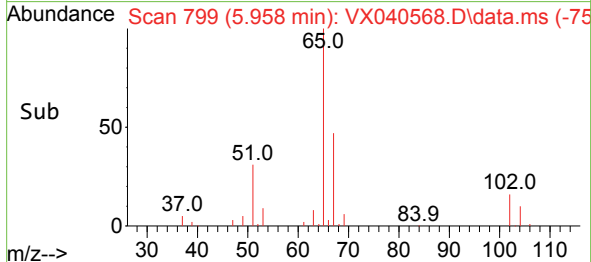
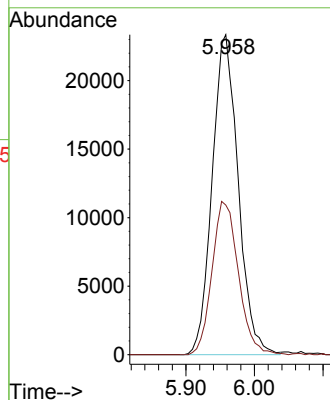
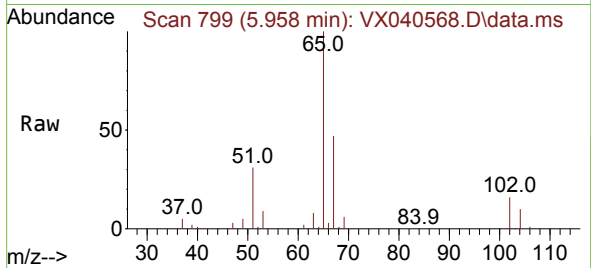




#33
 1,2-Dichloroethane-d4
 Concen: 49.823 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040568.D
 Acq: 04 Mar 2024 14:57

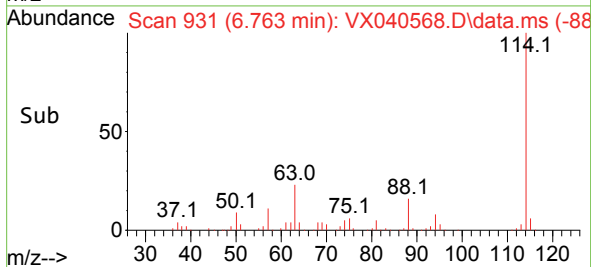
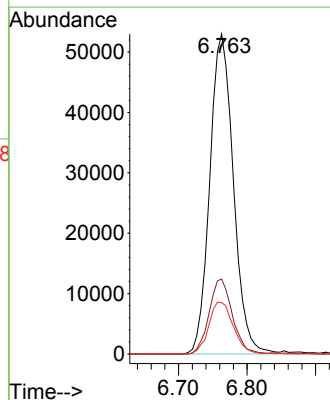
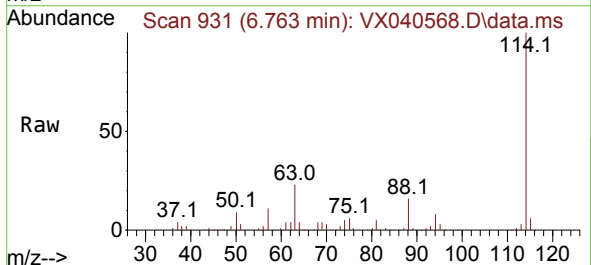
Instrument :
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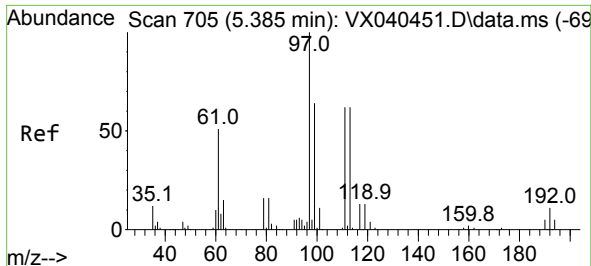
Tgt Ion: 65 Resp: 61518
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.006 min
 Lab File: VX040568.D
 Acq: 04 Mar 2024 14:57

Tgt Ion: 114 Resp: 126836
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.0
 88 16.1 0.0 36.6

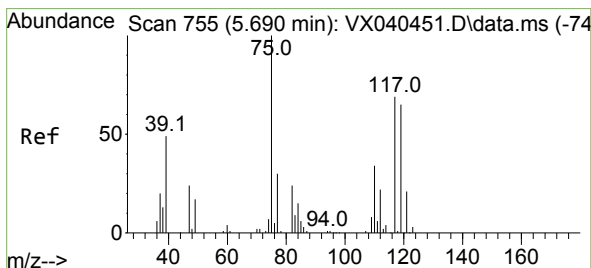
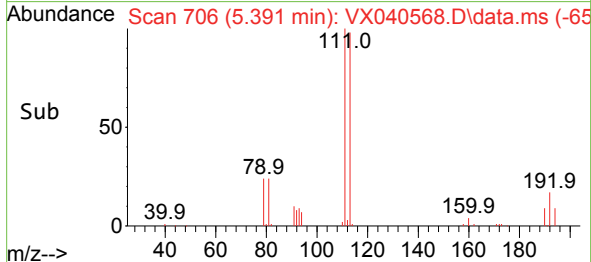
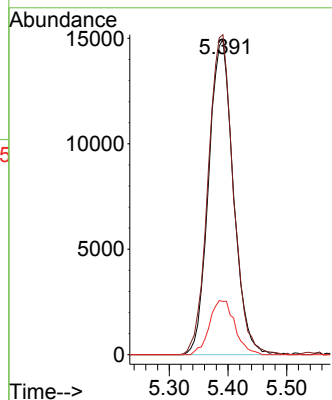
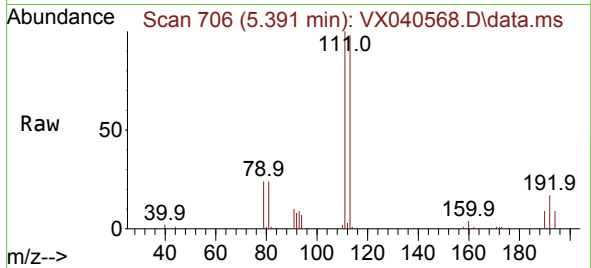




#35
Dibromofluoromethane
Concen: 49.377 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

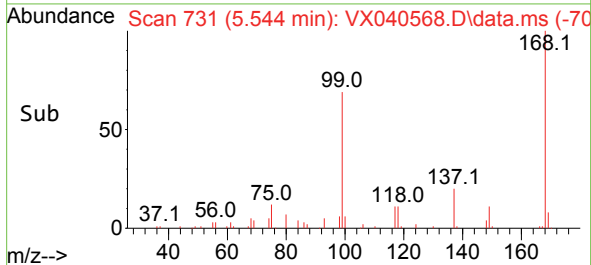
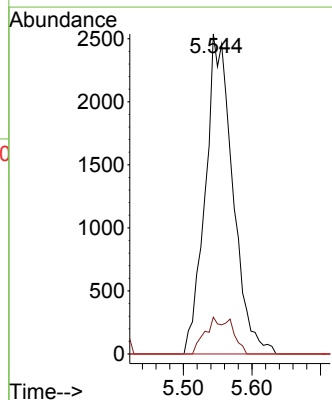
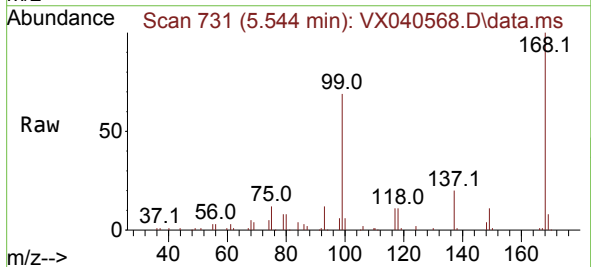
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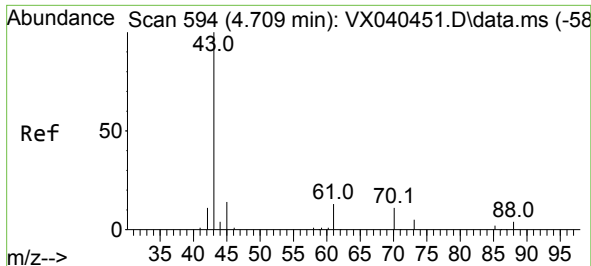
Tgt Ion:113 Resp: 43551
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 17.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.203 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

Tgt Ion: 75 Resp: 7071
Ion Ratio Lower Upper
75 100
110 6.9 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.313 ug/l

RT: 4.721 min Scan# 594

Delta R.T. 0.012 min

Lab File: VX040568.D

Acq: 04 Mar 2024 14:57

Instrument :

MSVOA_X

ClientSampleId :

TP-14

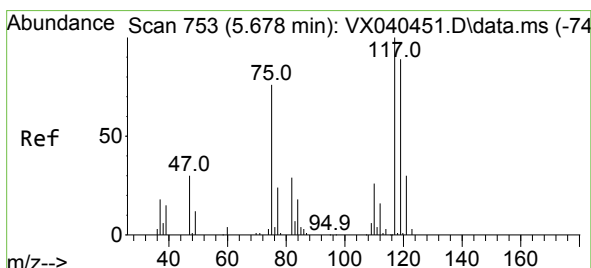
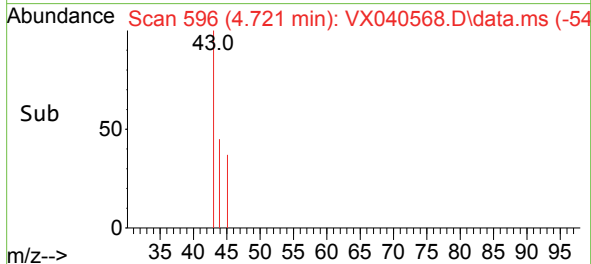
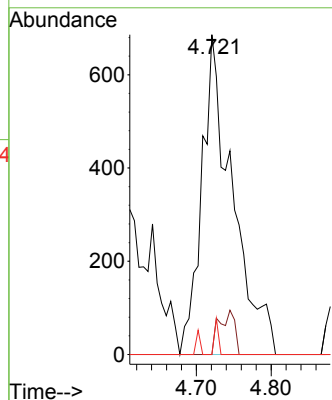
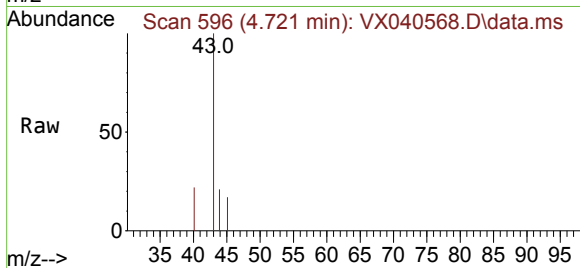
Tgt Ion: 43 Resp: 1952

Ion Ratio Lower Upper

43 100

61 0.0 10.6 16.0#

70 1.4 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.365 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.122 min

Lab File: VX040568.D

Acq: 04 Mar 2024 14:57

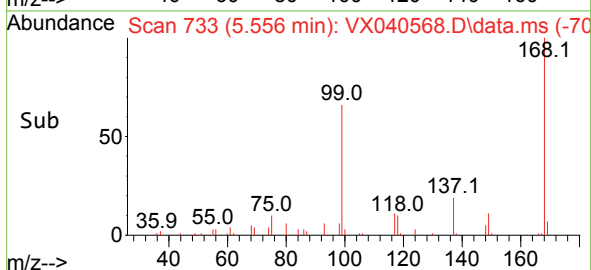
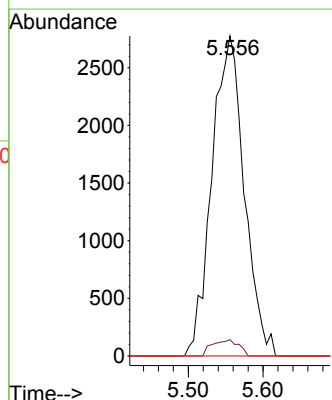
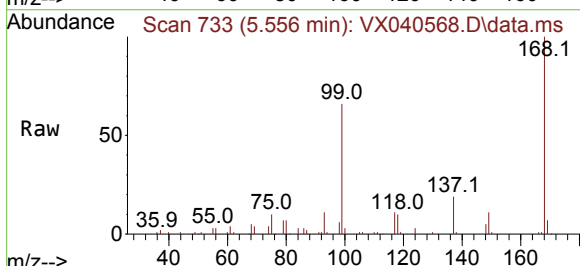
Tgt Ion: 117 Resp: 8356

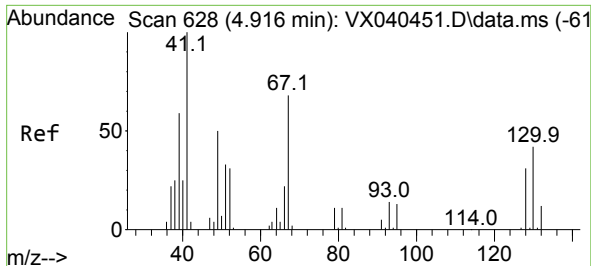
Ion Ratio Lower Upper

117 100

119 5.1 78.2 117.2#

121 0.0 24.4 36.6#

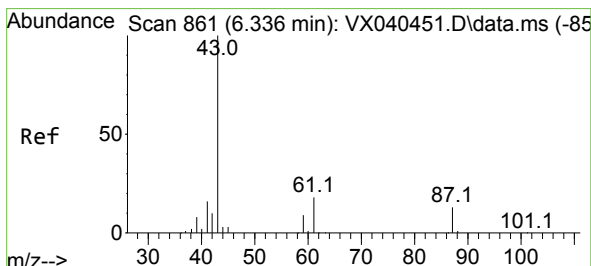
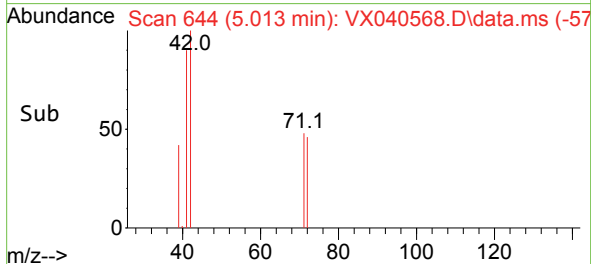
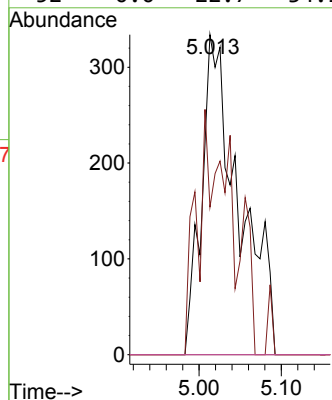
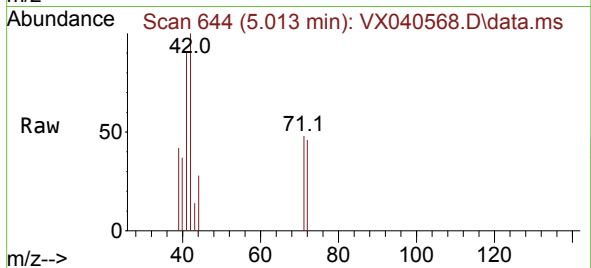




#41
Methacrylonitrile
Concen: 1.268 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.097 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

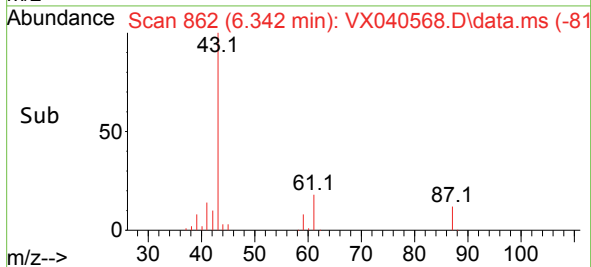
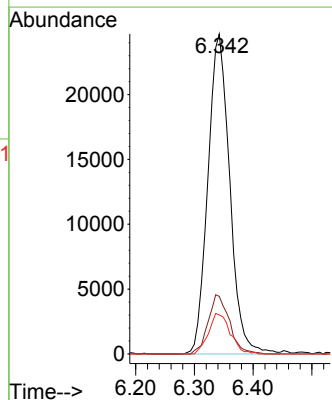
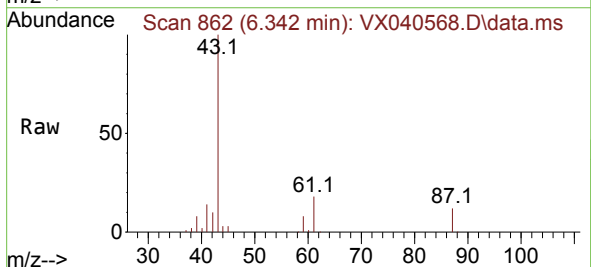
Instrument :
MSVOA_X
ClientSampleId :
TP-14

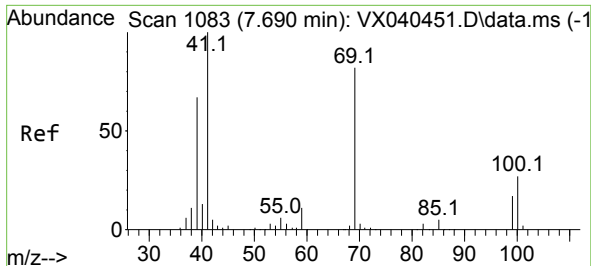
Tgt Ion:	41	Resp:	1053
Ion	Ratio	Lower	Upper
41	100		
39	34.4	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#43
Isopropyl Acetate
Concen: 27.329 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

Tgt Ion:	43	Resp:	63774
Ion	Ratio	Lower	Upper
43	100		
61	18.0	15.2	22.8
87	12.6	9.8	14.6





#48

Methyl methacrylate

Concen: 49.468 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.110 min

Lab File: VX040568.D

Acq: 04 Mar 2024 14:57

Instrument :

MSVOA_X

ClientSampleId :

TP-14

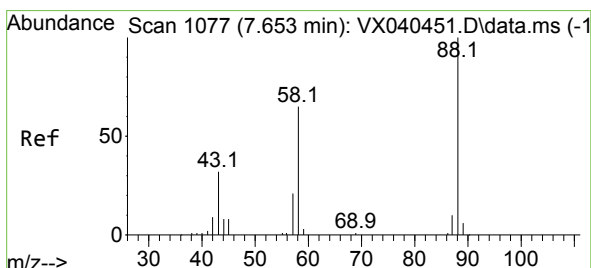
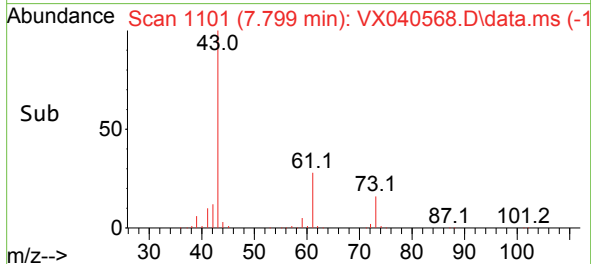
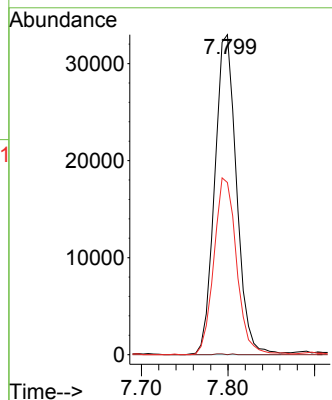
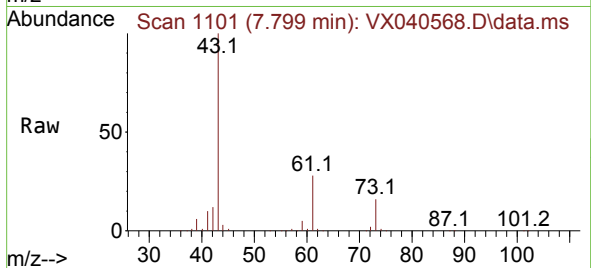
Tgt Ion: 41 Resp: 57697

Ion Ratio Lower Upper

41 100

69 0.2 59.2 88.8#

39 57.4 47.7 71.5



#49

1,4-Dioxane

Concen: 5.076 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.140 min

Lab File: VX040568.D

Acq: 04 Mar 2024 14:57

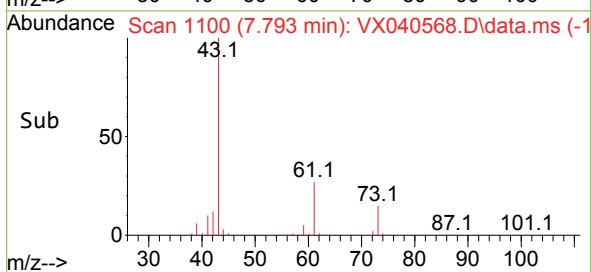
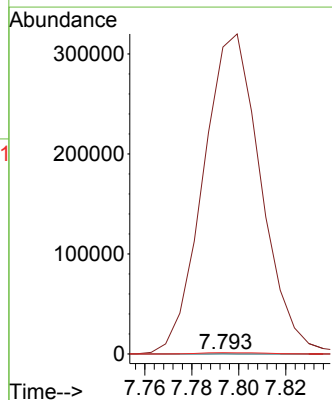
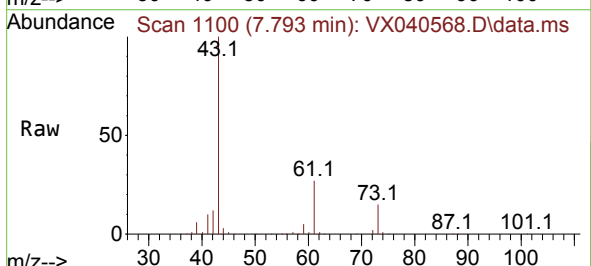
Tgt Ion: 88 Resp: 112

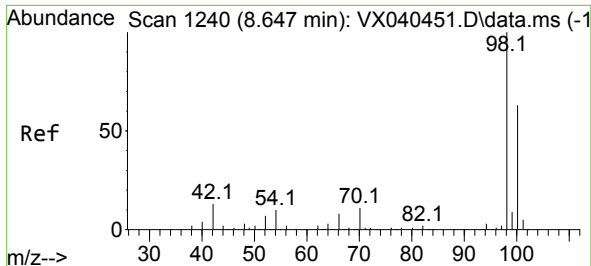
Ion Ratio Lower Upper

88 100

43 495692.0 0.0 0.0#

58 2149.1 60.1 90.1#

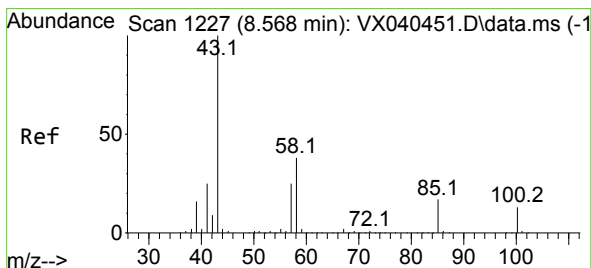
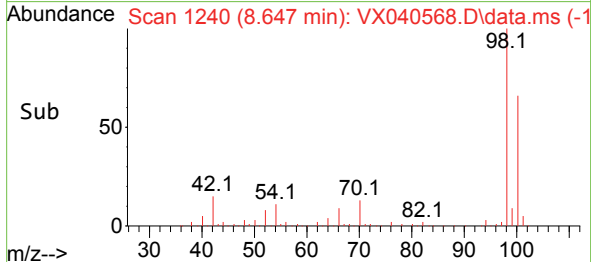
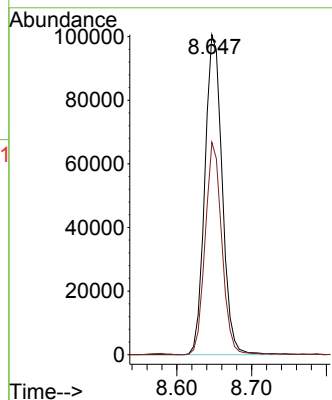
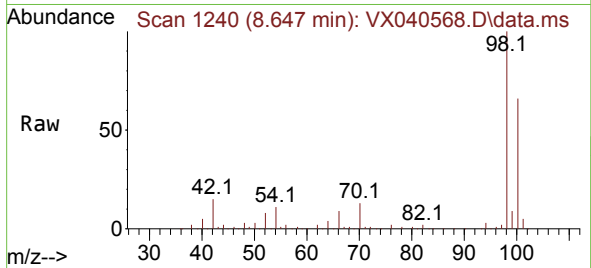




#50
Toluene-d8
Concen: 50.521 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

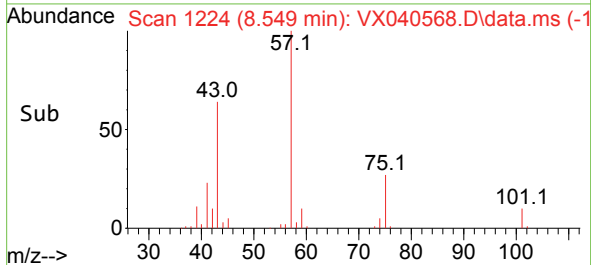
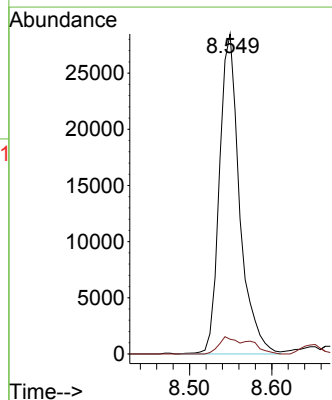
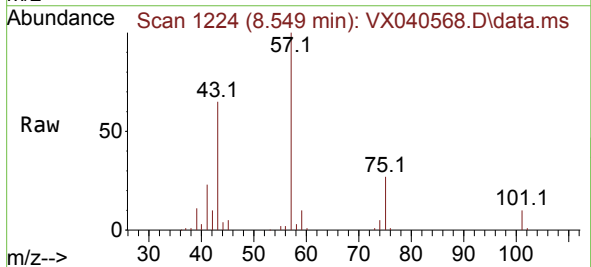
Instrument :
MSVOA_X
ClientSampleId :
TP-14

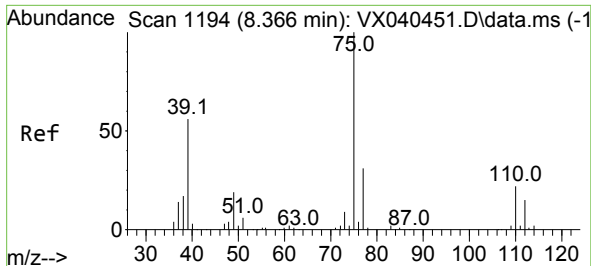
Tgt Ion: 98 Resp: 161746
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 31.502 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.018 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

Tgt Ion: 43 Resp: 48603
Ion Ratio Lower Upper
43 100
58 4.9 30.4 45.6#

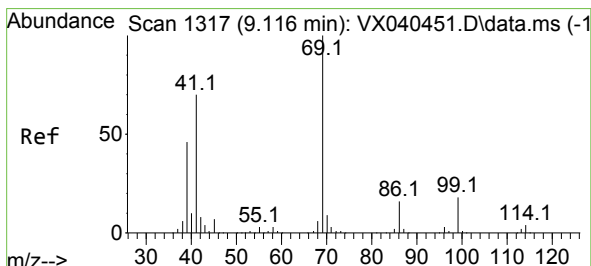
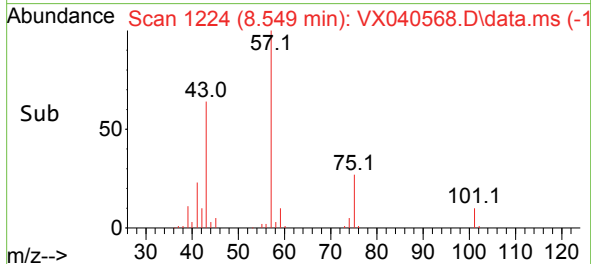
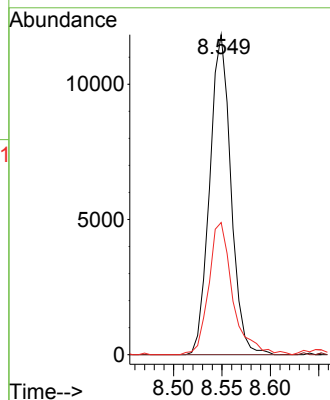
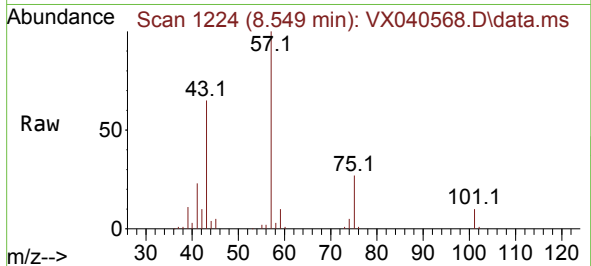




#54
cis-1,3-Dichloropropene
Concen: 11.605 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

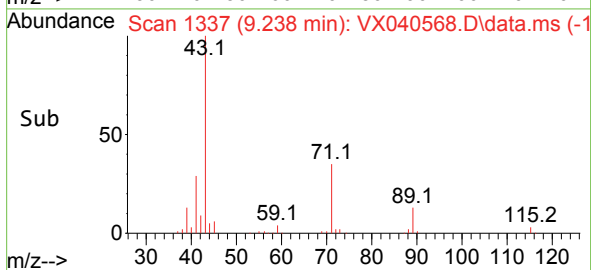
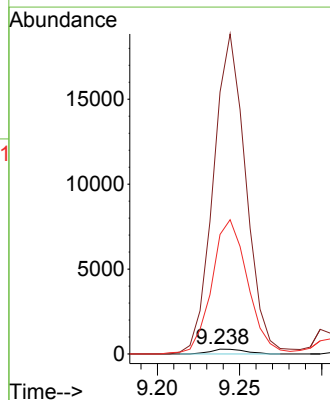
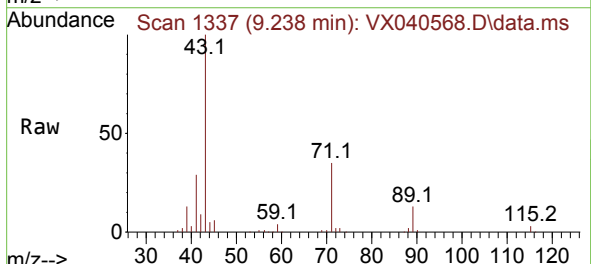
Instrument :
MSVOA_X
ClientSampleId :
TP-14

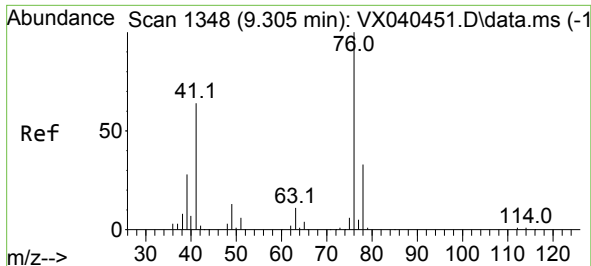
Tgt Ion: 75 Resp: 18044
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 41.3 46.7 70.1#



#56
Ethyl methacrylate
Concen: 0.291 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.122 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

Tgt Ion: 69 Resp: 422
Ion Ratio Lower Upper
69 100
41 6184.8 56.8 85.2#
39 2849.1 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 1.235 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX040568.D

Acq: 04 Mar 2024 14:57

Instrument :

MSVOA_X

ClientSampleId :

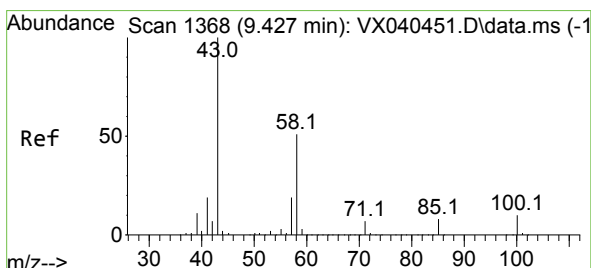
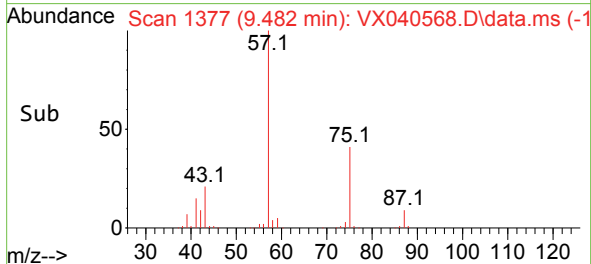
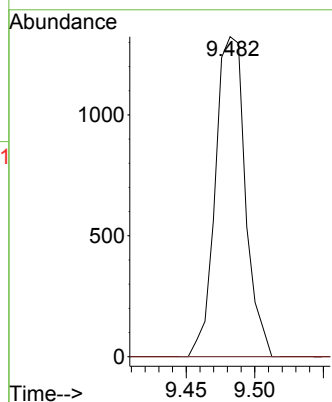
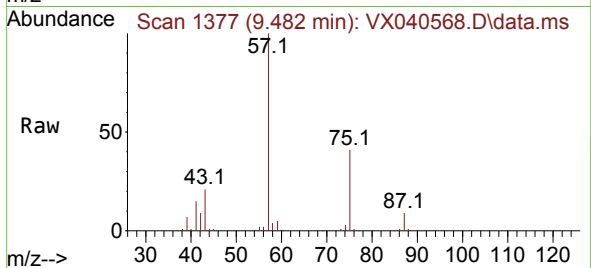
TP-14

Tgt Ion: 76 Resp: 2015

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 26.061 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX040568.D

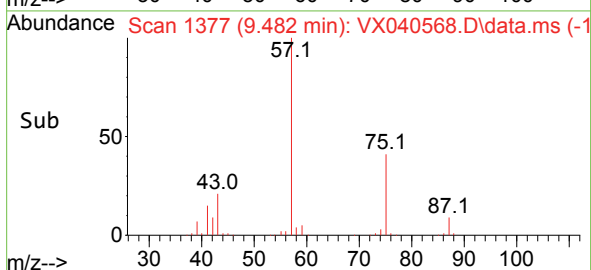
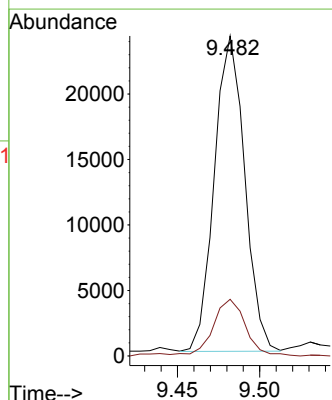
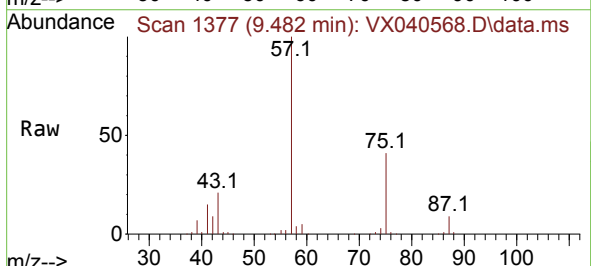
Acq: 04 Mar 2024 14:57

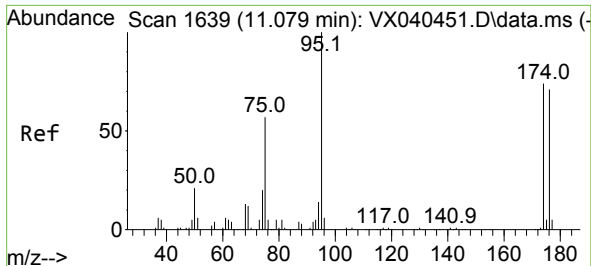
Tgt Ion: 43 Resp: 30914

Ion Ratio Lower Upper

43 100

58 19.1 26.2 78.5#

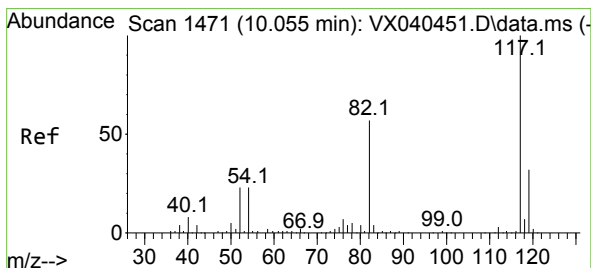
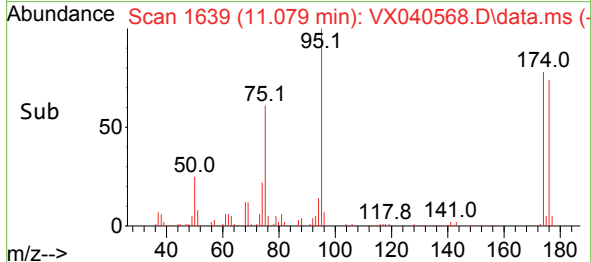
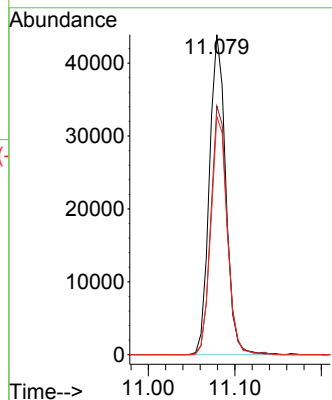
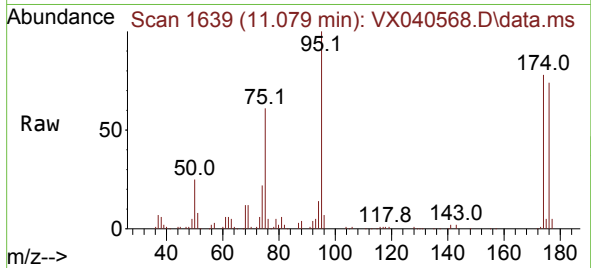




#62
4-Bromofluorobenzene
Concen: 47.165 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

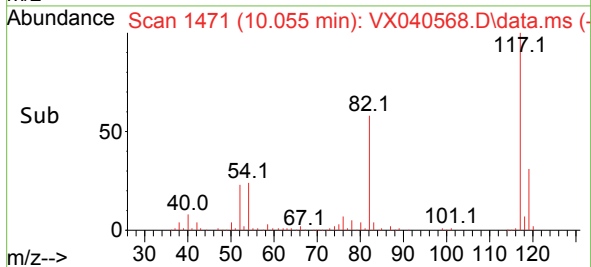
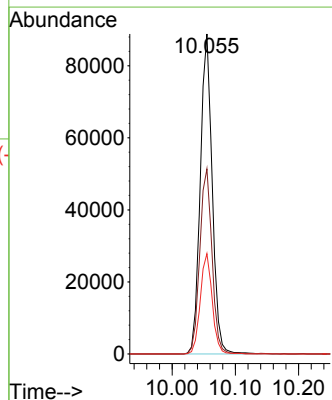
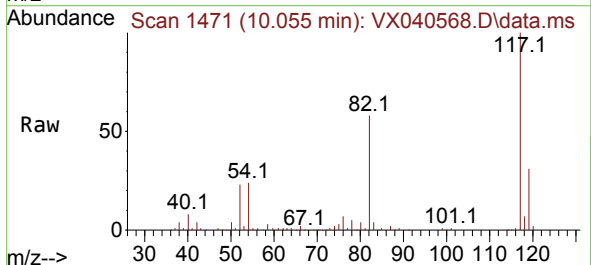
Instrument :
MSVOA_X
ClientSampleId :
TP-14

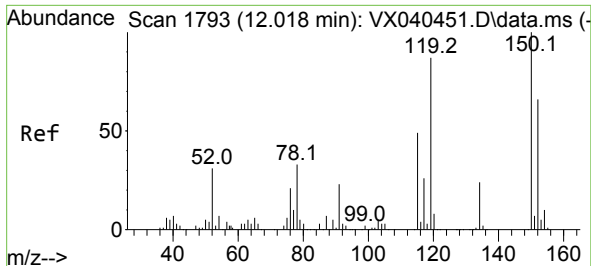
Tgt Ion: 95 Resp: 57561
Ion Ratio Lower Upper
95 100
174 78.0 0.0 135.6
176 74.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040568.D
Acq: 04 Mar 2024 14:57

Tgt Ion: 117 Resp: 116802
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 31.3 25.5 38.3

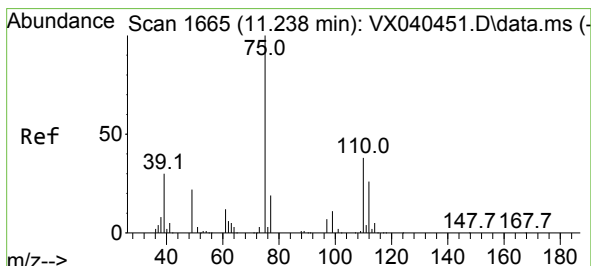
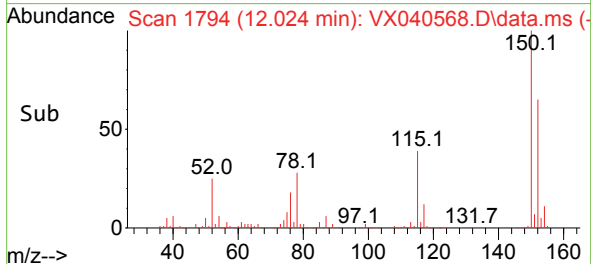
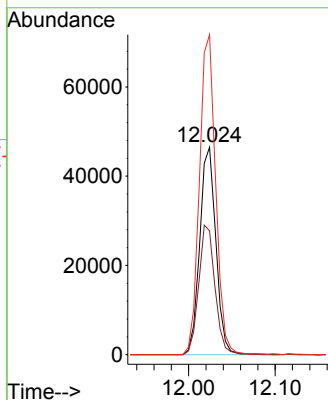
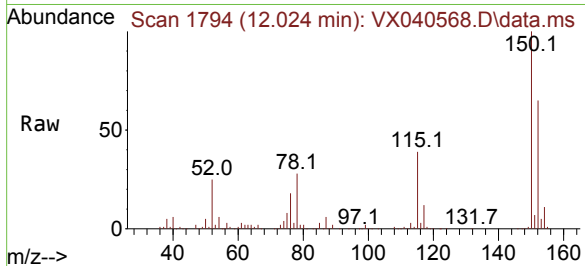




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX040568.D
 Acq: 04 Mar 2024 14:57

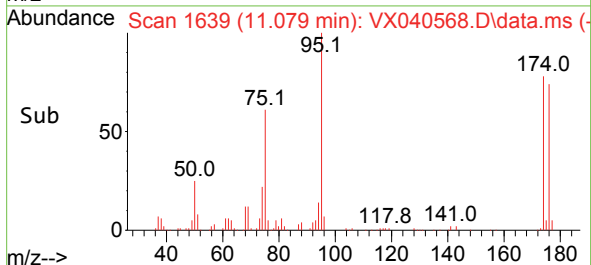
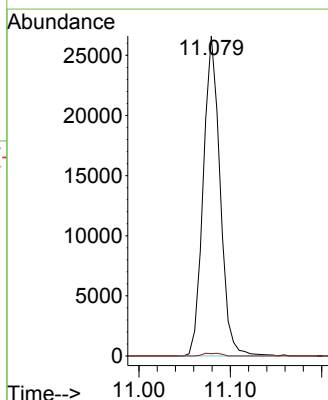
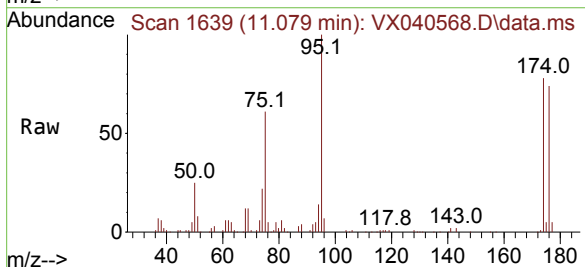
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-14

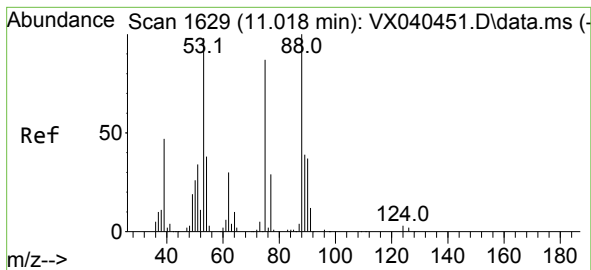
Tgt Ion:152 Resp: 60274
 Ion Ratio Lower Upper
 152 100
 115 62.8 43.3 129.9
 150 154.8 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.674 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX040568.D
 Acq: 04 Mar 2024 14:57

Tgt Ion: 75 Resp: 34057
 Ion Ratio Lower Upper
 75 100
 77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.810 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040568.D
 Acq: 04 Mar 2024 14:57

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-14

Tgt Ion: 75 Resp: 34057
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.2 36.9 55.3#

