

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039962.D
 Acq On : 25 Jan 2024 18:21
 Operator : JC/MD
 Sample : PB158617TB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

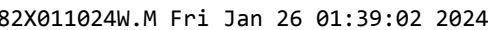
Quant Time: Jan 26 01:38:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

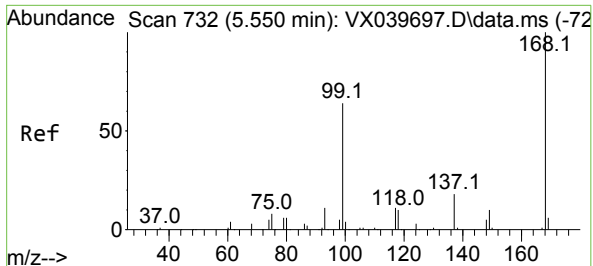
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	79416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	142428	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63003	47.359	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.720%		
35) Dibromofluoromethane	5.391	113	47294	49.300	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.600%		
50) Toluene-d8	8.647	98	170333	47.078	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.160%		
62) 4-Bromofluorobenzene	11.079	95	66443	46.961	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.920%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.959	59	1367	3.947	ug/l #	78
13) Acrolein	2.160	56	25	Below Cal	#	1
16) Acetone	2.379	43	12188	16.290	ug/l #	86
18) Methyl Acetate	2.703	43	821	0.525	ug/l	98
20) Methylene Chloride	2.788	84	3941	3.482	ug/l	96
25) 2-Butanone	4.568	43	6743	6.272	ug/l	95
29) Tetrahydrofuran	5.019	42	340	0.491	ug/l #	59
31) Cyclohexane	5.556	56	2265	1.290	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	7370	4.936	ug/l #	51
37) Ethyl Acetate	4.733	43	2531	1.271	ug/l #	80
38) Carbon Tetrachloride	5.556	117	9038	6.609	ug/l #	15
40) Benzene	6.037	78	3188	0.754	ug/l	97
41) Methacrylonitrile	5.044	41	261	0.268	ug/l #	35
43) Isopropyl Acetate	6.342	43	74709	25.566	ug/l	99
48) Methyl methacrylate	7.793	41	69306	48.250	ug/l #	49
49) 1,4-Dioxane	7.799	88	57	2.051	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	51292	25.486	ug/l #	51
52) Toluene	8.720	92	5087	2.014	ug/l	91
53) t-1,3-Dichloropropene	8.951	75	436	0.283	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	21659	12.794	ug/l #	61
56) Ethyl methacrylate	9.244	69	443	0.255	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2945	1.616	ug/l #	42
59) 2-Hexanone	9.482	43	45085	28.305	ug/l #	53
68) m/p-Xylenes	10.305	106	1273	0.633	ug/l	87
74) N-amyl acetate	10.774	43	1010	0.389	ug/l #	48
76) 1,2,3-Trichloropropane	11.079	75	36559	22.567	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	36559	65.305	ug/l #	5

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

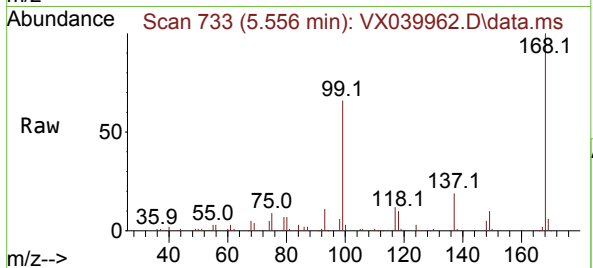
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Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



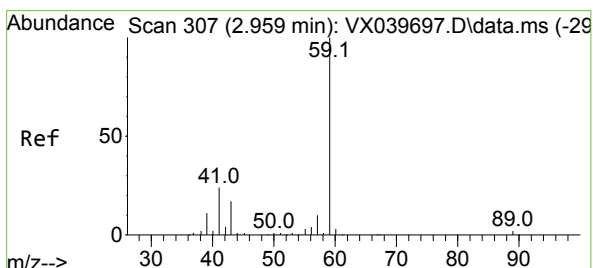
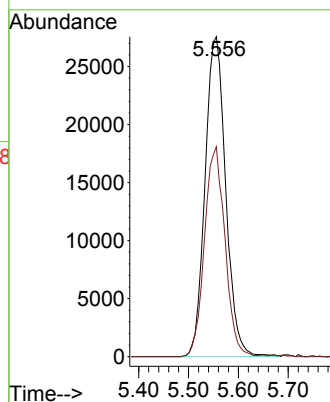
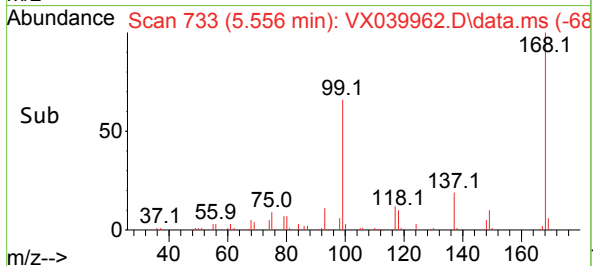


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Instrument :
MSVOA_X
ClientSampleId :

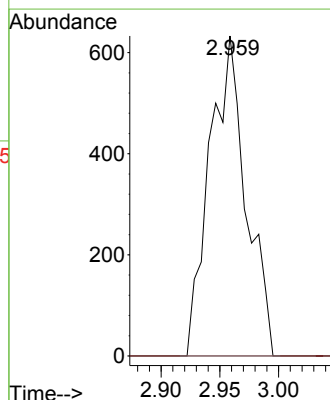
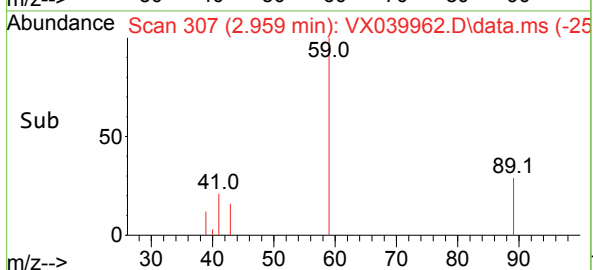
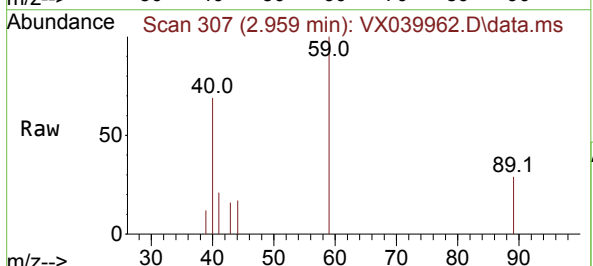


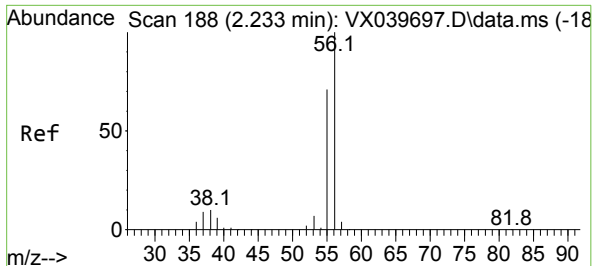
Tgt Ion:168 Resp: 79416
Ion Ratio Lower Upper
168 100
99 65.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.947 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

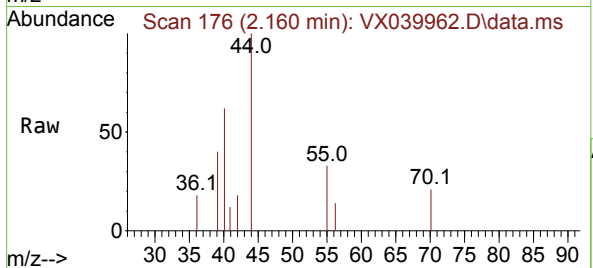
Tgt Ion: 59 Resp: 1367
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



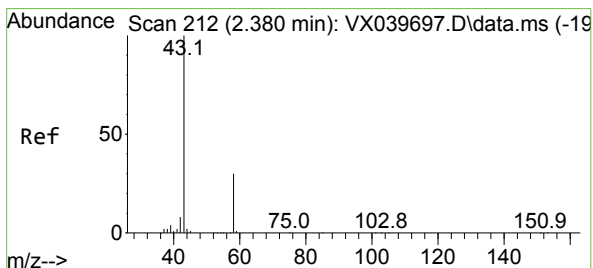
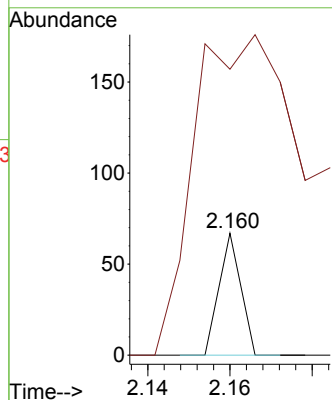
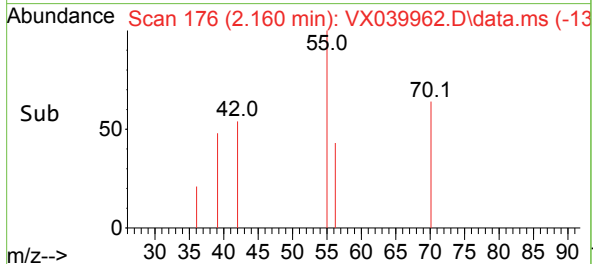


#13
Acrolein
Concen: Below Cal
RT: 2.160 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Instrument :
MSVOA_X
ClientSampleId :

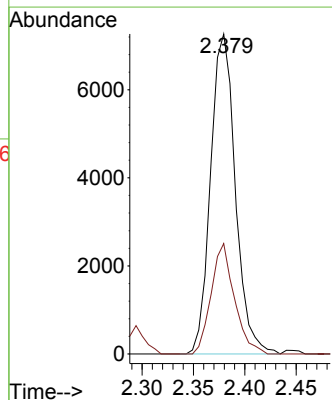
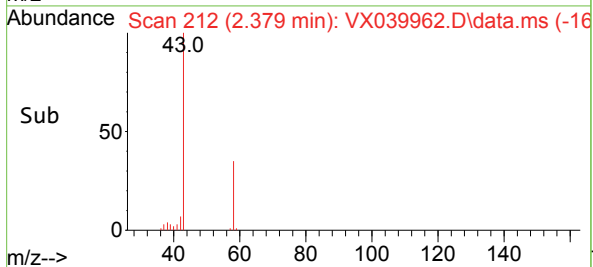
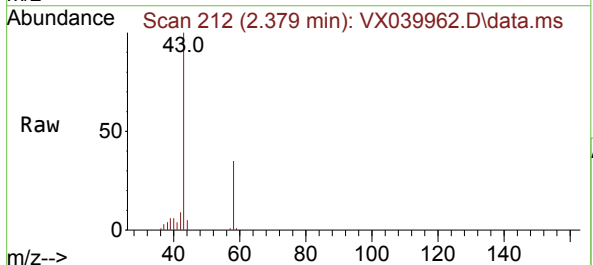


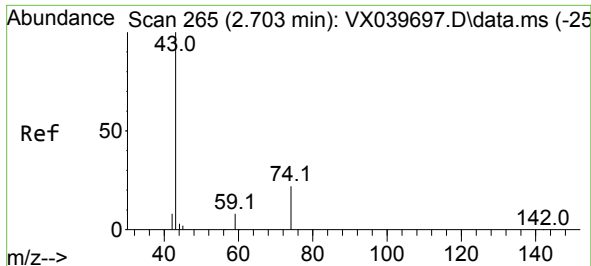
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 1400.0 57.1 85.7#



#16
Acetone
Concen: 16.290 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion: 43 Resp: 12188
Ion Ratio Lower Upper
43 100
58 34.5 21.9 32.9#

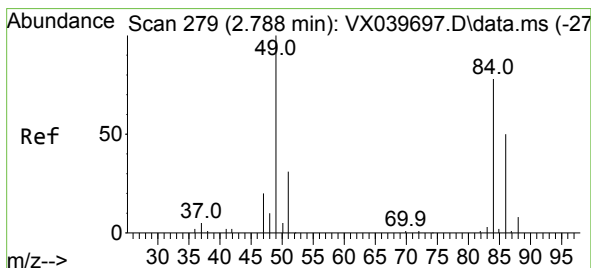
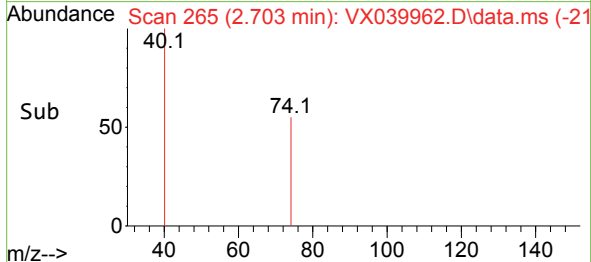
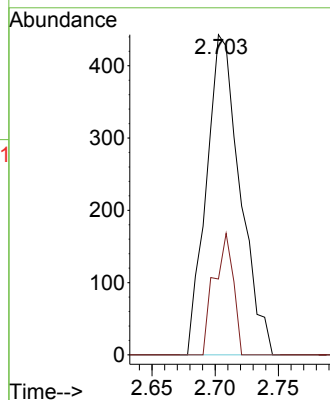
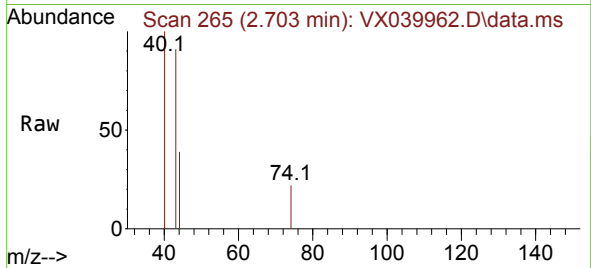




#18
Methyl Acetate
Concen: 0.525 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

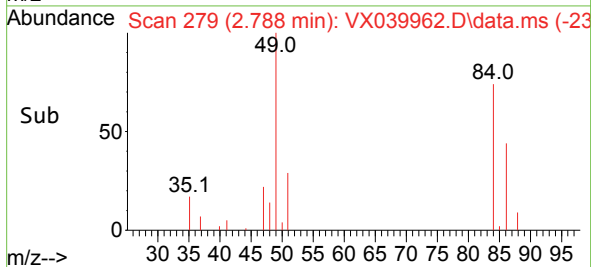
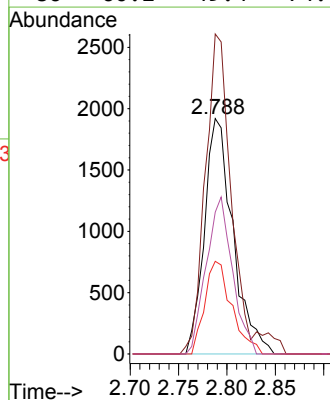
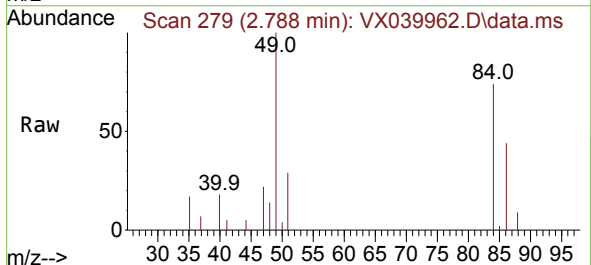
Instrument :
MSVOA_X
ClientSampleId :

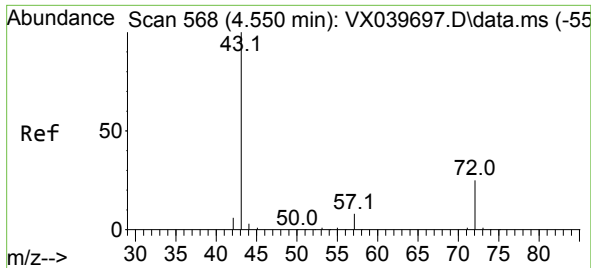
Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8



#20
Methylene Chloride
Concen: 3.482 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion: 84 Resp: 3941
Ion Ratio Lower Upper
84 100
49 136.0 103.6 155.4
51 39.3 33.8 50.6
86 60.2 49.4 74.0

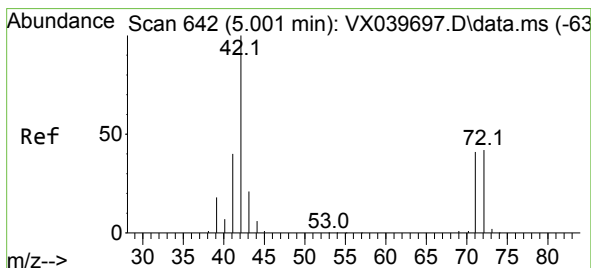
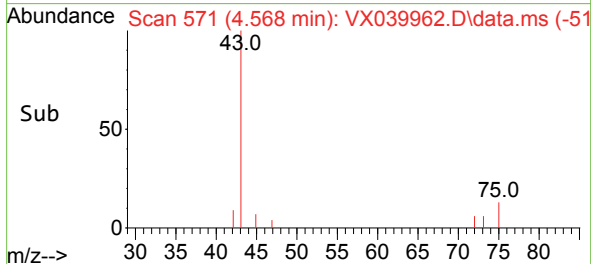
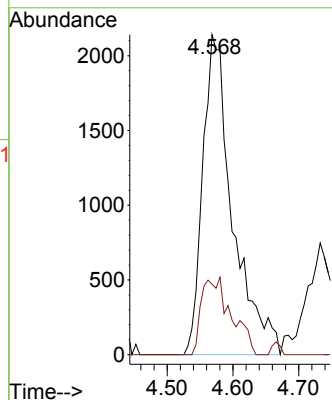
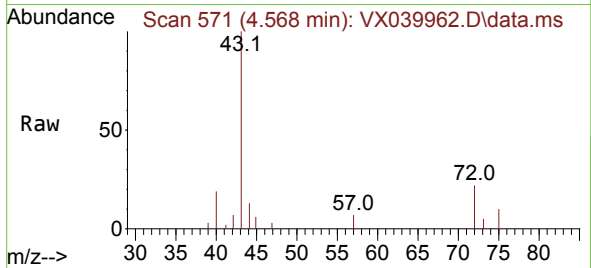




#25
2-Butanone
Concen: 6.272 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

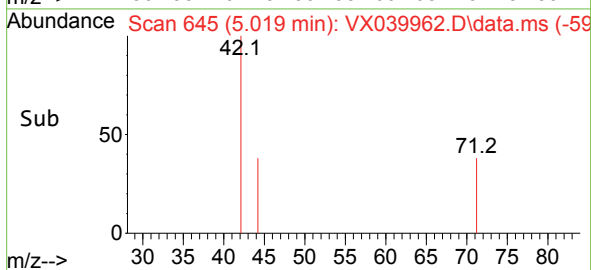
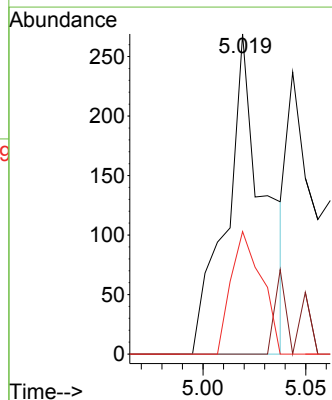
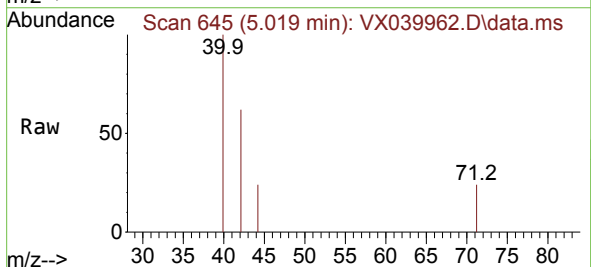
Instrument :
MSVOA_X
ClientSampleId :

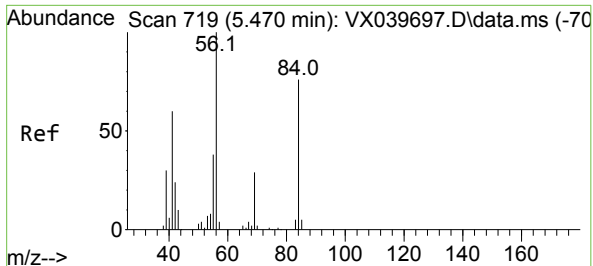
Tgt Ion: 43 Resp: 6743
Ion Ratio Lower Upper
43 100
72 22.0 19.4 29.2



#29
Tetrahydrofuran
Concen: 0.491 ug/l
RT: 5.019 min Scan# 645
Delta R.T. 0.018 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

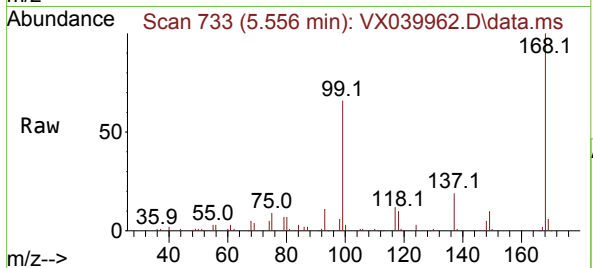
Tgt Ion: 42 Resp: 340
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4#
71 31.5 32.2 48.2#



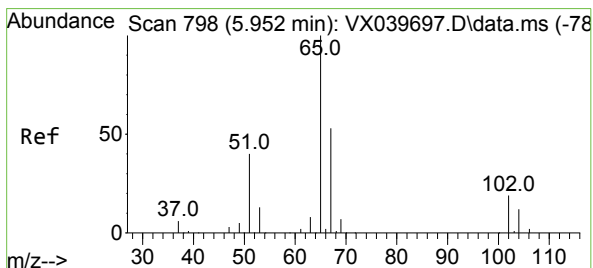
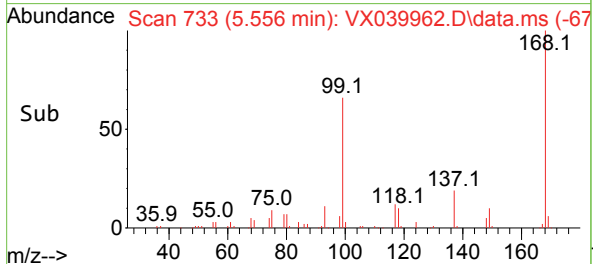
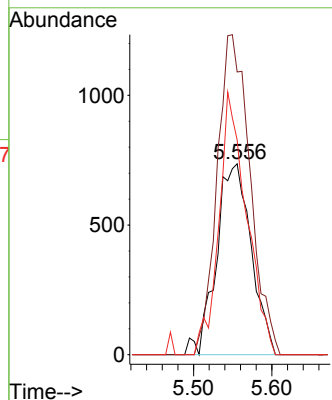


#31
Cyclohexane
Concen: 1.290 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Instrument :
MSVOA_X
ClientSampleId :

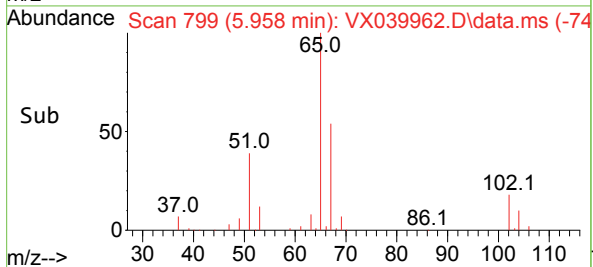
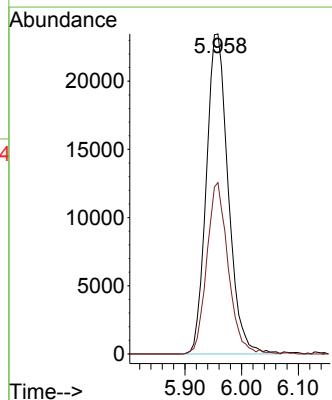
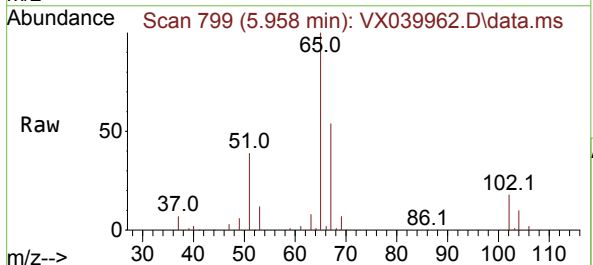


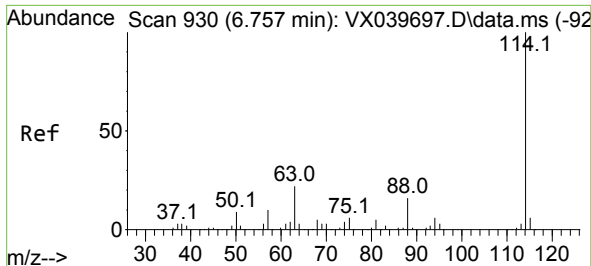
Tgt Ion: 56 Resp: 2265
Ion Ratio Lower Upper
56 100
69 148.1 23.4 35.2#
84 112.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 47.359 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion: 65 Resp: 63003
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2

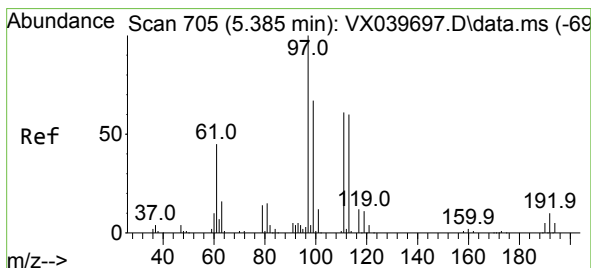
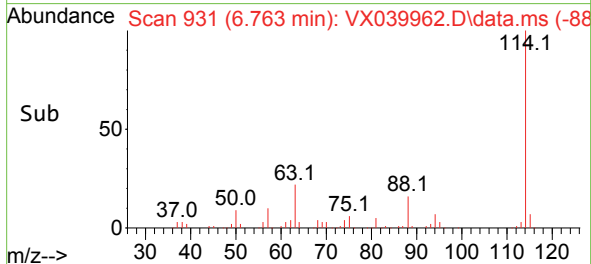
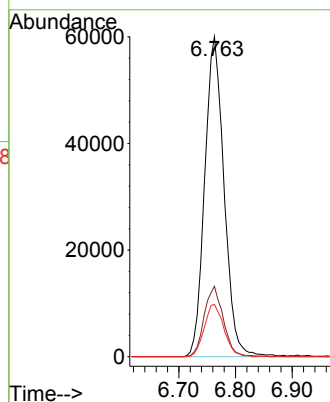
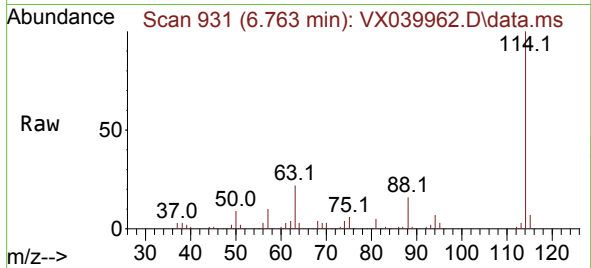




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

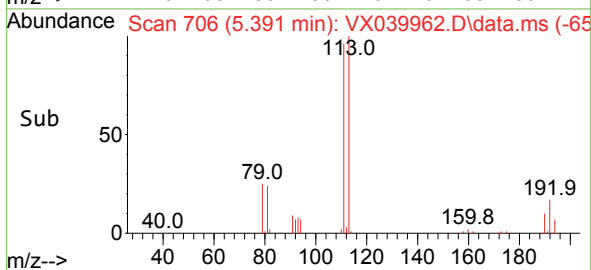
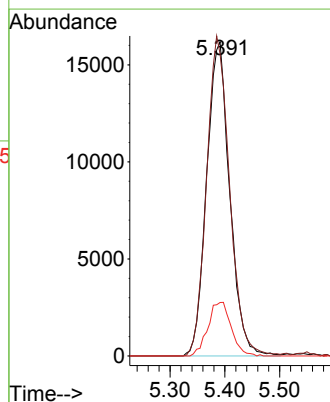
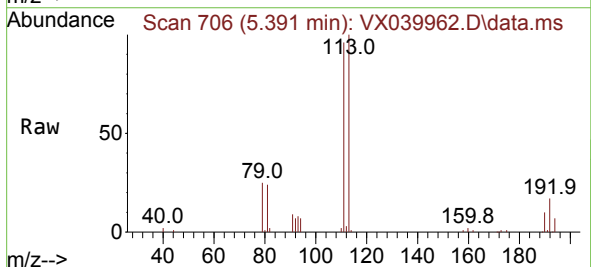
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MSVOA_X
ClientSampleId :

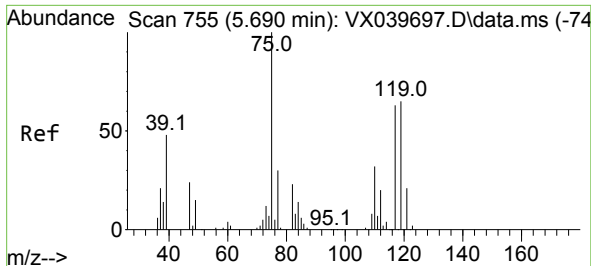
Tgt Ion:114 Resp: 142428
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.300 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

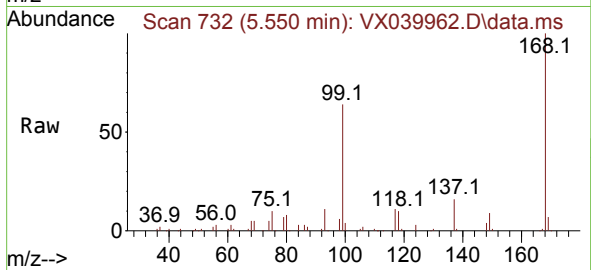
Tgt Ion:113 Resp: 47294
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 17.3 13.3 19.9



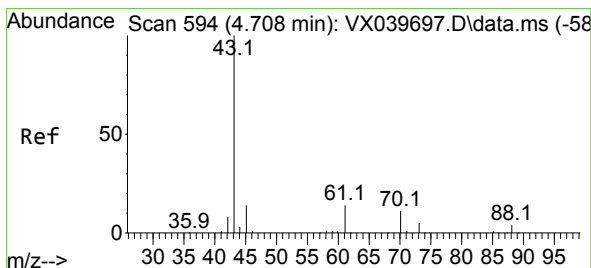
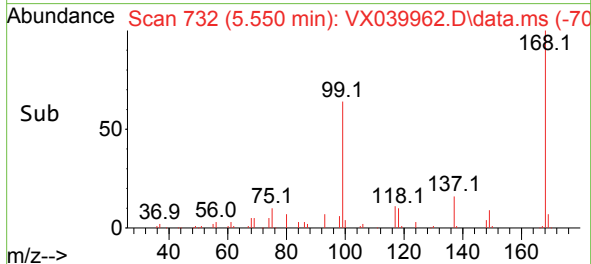
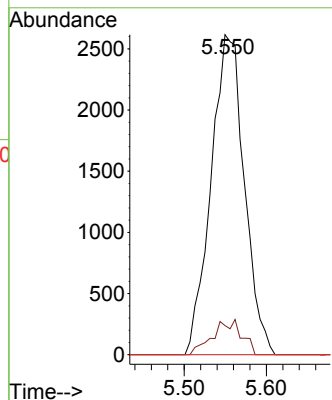


#36
1,1-Dichloropropene
Concen: 4.936 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Instrument :
MSVOA_X
ClientSampleId :

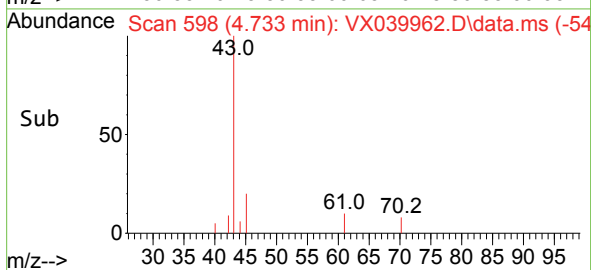
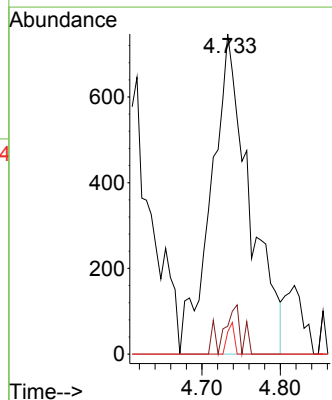
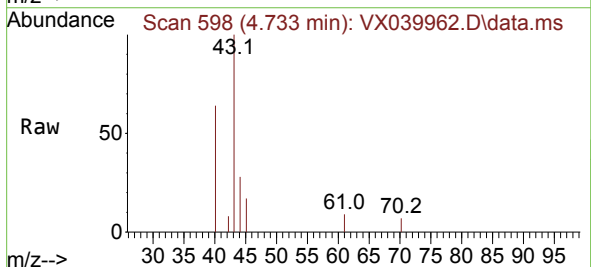


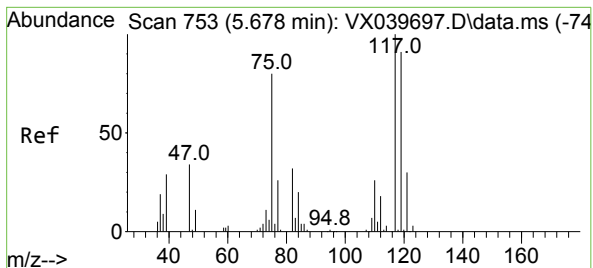
Tgt Ion: 75 Resp: 7370
Ion Ratio Lower Upper
75 100
110 9.5 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.271 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.024 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion: 43 Resp: 2531
Ion Ratio Lower Upper
43 100
61 6.0 10.6 16.0#
70 1.8 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 6.609 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.122 min

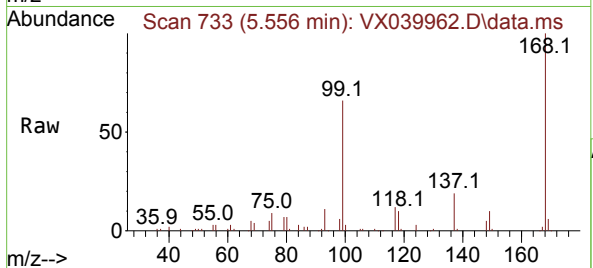
Lab File: VX039962.D

Acq: 25 Jan 2024 18:21

Instrument :

MSVOA_X

ClientSampleId :



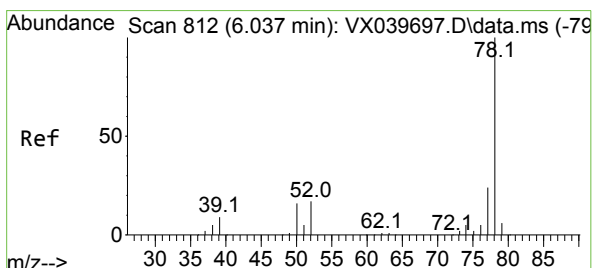
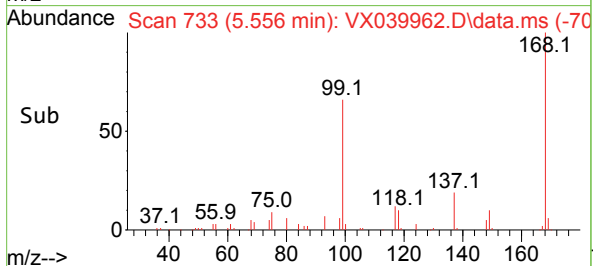
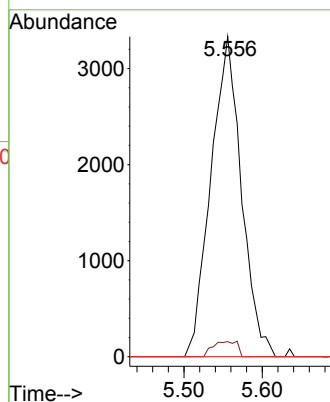
Tgt Ion:117 Resp: 9038

Ion Ratio Lower Upper

117 100

119 4.7 78.2 117.2#

121 0.0 24.4 36.6#



#40

Benzene

Concen: 0.754 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX039962.D

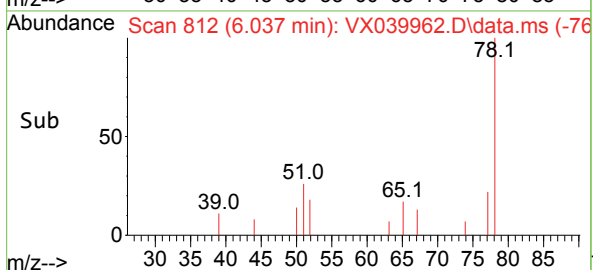
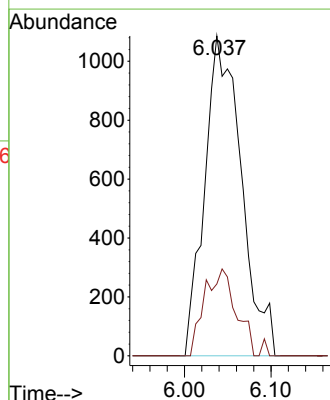
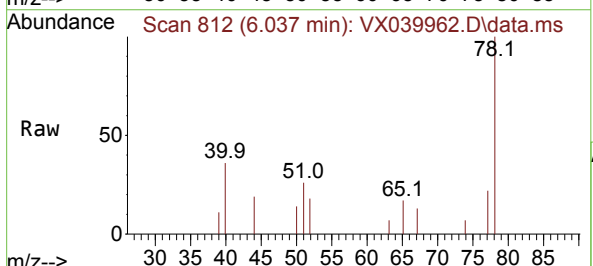
Acq: 25 Jan 2024 18:21

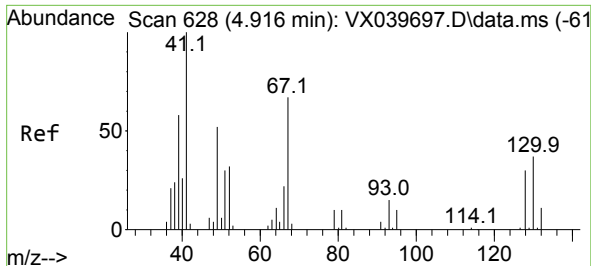
Tgt Ion: 78 Resp: 3188

Ion Ratio Lower Upper

78 100

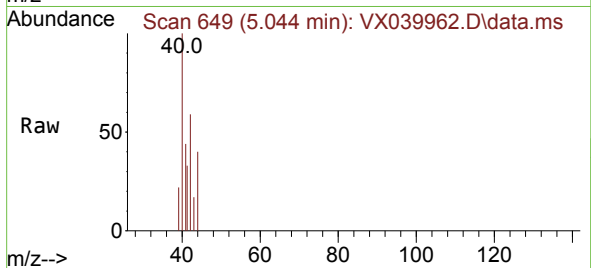
77 22.5 19.3 28.9



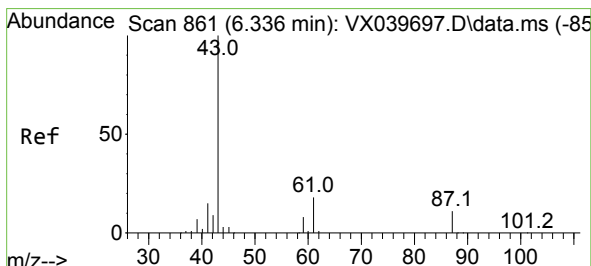
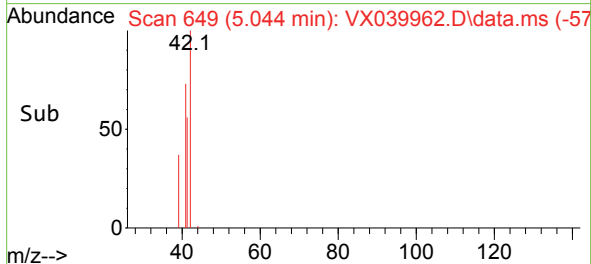
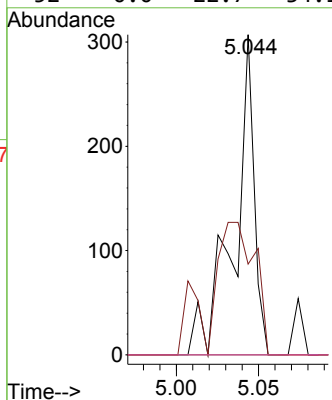


#41
Methacrylonitrile
Concen: 0.268 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.128 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Instrument :
MSVOA_X
ClientSampleId :

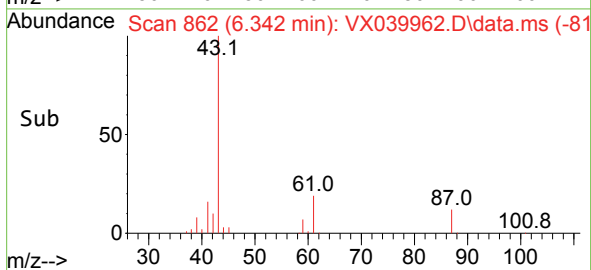
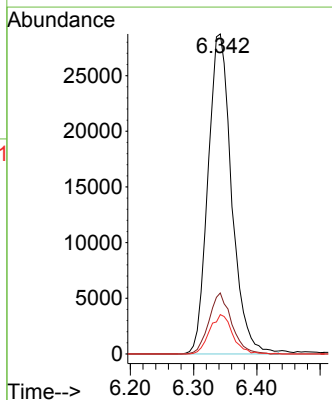
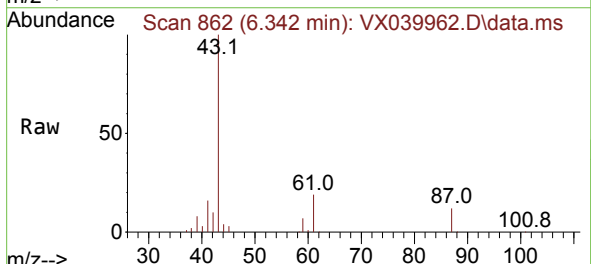


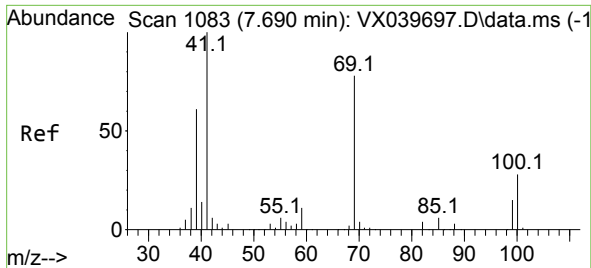
Tgt Ion:	41	Resp:	261
Ion	Ratio	Lower	Upper
41	100		
39	92.3	45.2	67.8#
67	0.0	52.6	78.8#
52	0.0	22.7	34.1#



#43
Isopropyl Acetate
Concen: 25.566 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion:	43	Resp:	74709
Ion	Ratio	Lower	Upper
43	100		
61	18.3	15.2	22.8
87	11.9	9.8	14.6

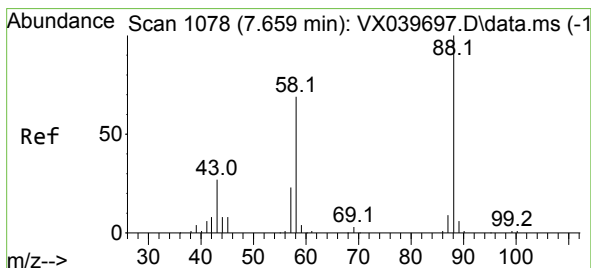
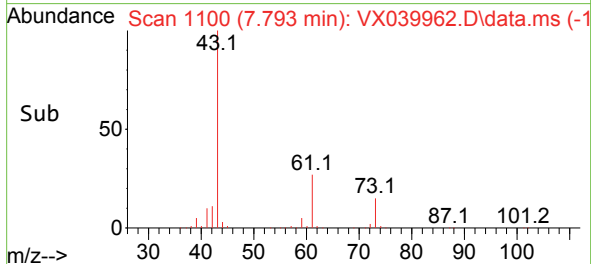
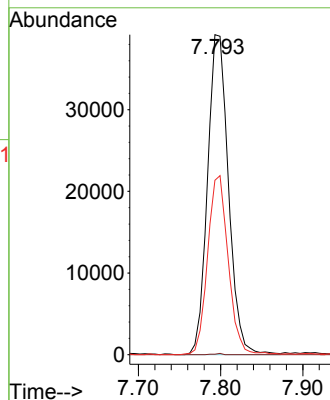
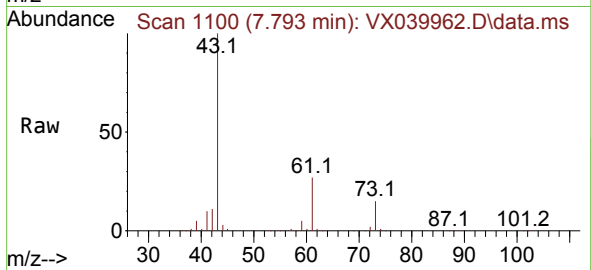




#48
Methyl methacrylate
Concen: 48.250 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

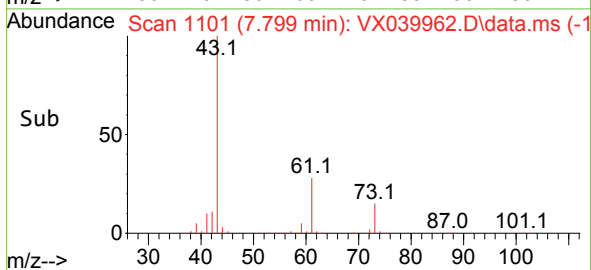
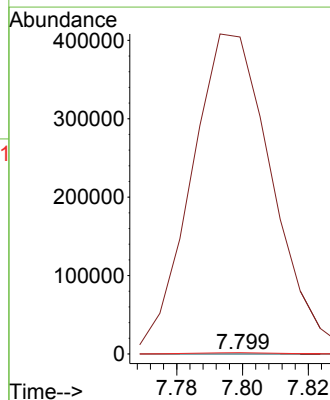
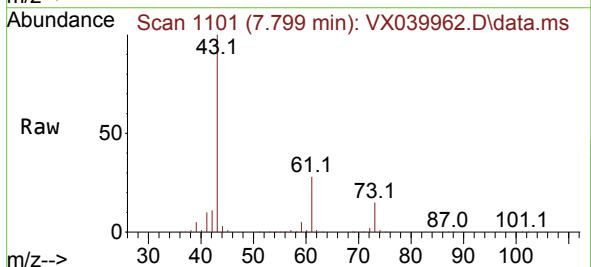
Instrument :
MSVOA_X
ClientSampleId :

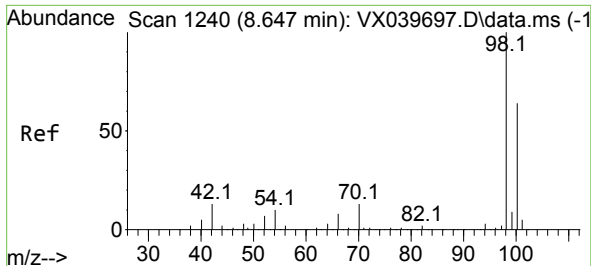
Tgt Ion: 41 Resp: 69306
Ion Ratio Lower Upper
41 100
69 0.2 59.2 88.8#
39 55.2 47.7 71.5



#49
1,4-Dioxane
Concen: 2.051 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.140 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion: 88 Resp: 57
Ion Ratio Lower Upper
88 100
43 1248229.8 0.0 0.0#
58 5173.7 60.1 90.1#

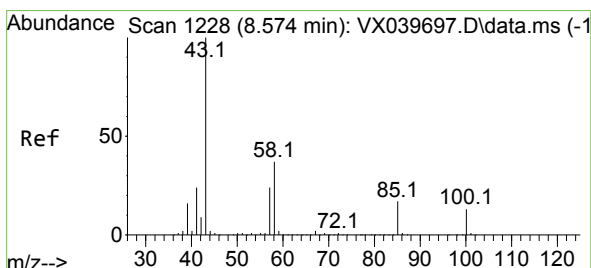
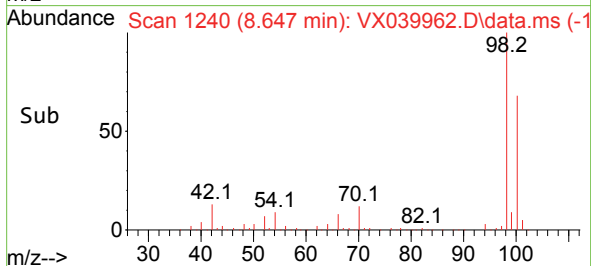
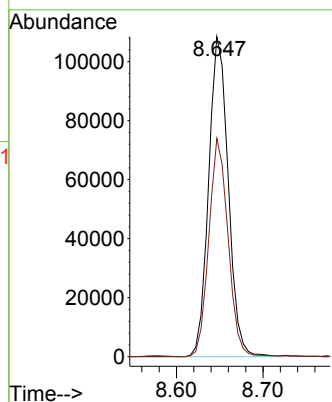
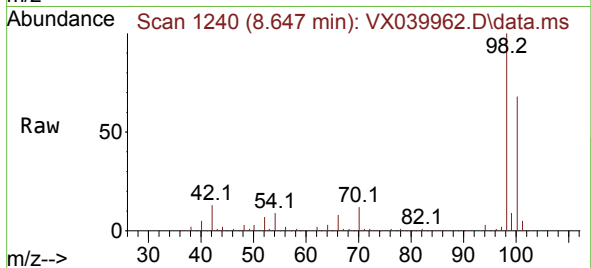




#50
Toluene-d8
Concen: 47.078 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

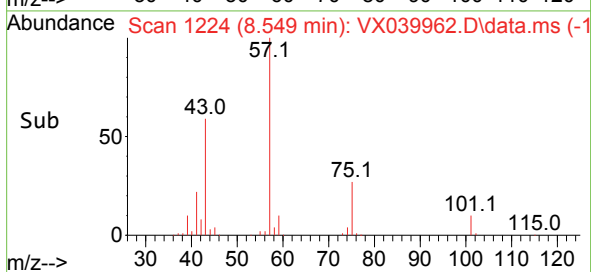
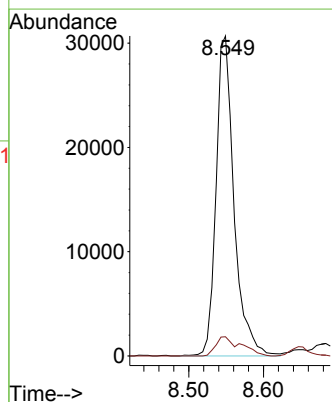
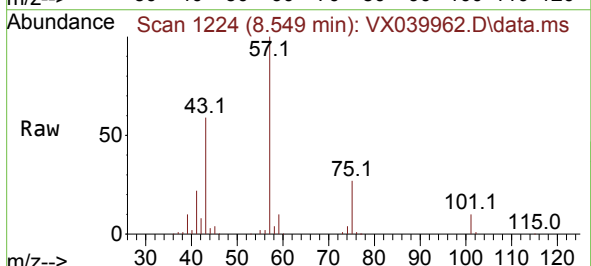
Instrument :
MSVOA_X
ClientSampleId :

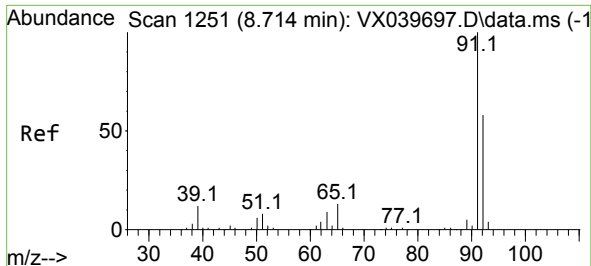
Tgt Ion: 98 Resp: 170333
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 25.486 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion: 43 Resp: 51292
Ion Ratio Lower Upper
43 100
58 8.4 30.4 45.6#

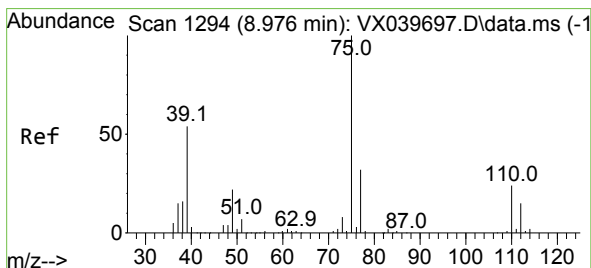
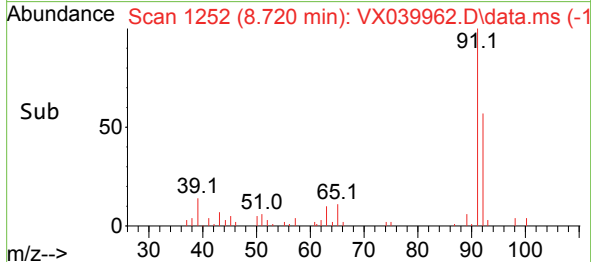
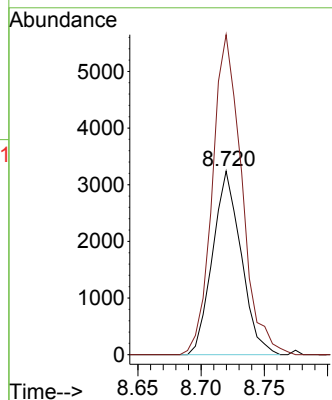
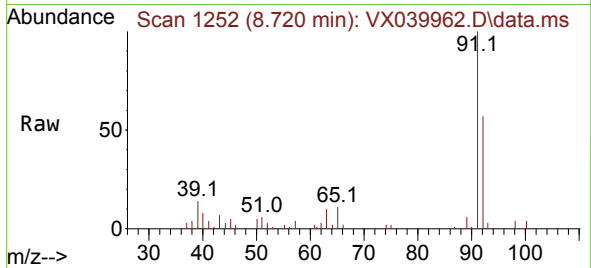




#52
Toluene
Concen: 2.014 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

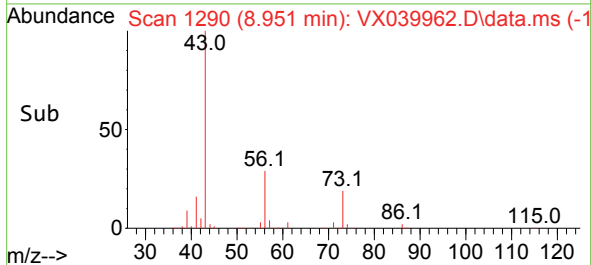
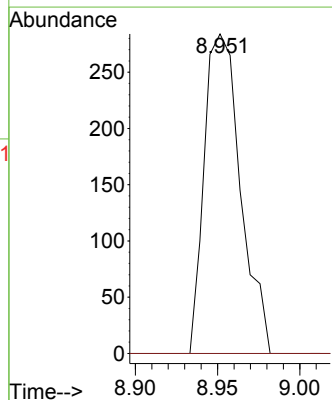
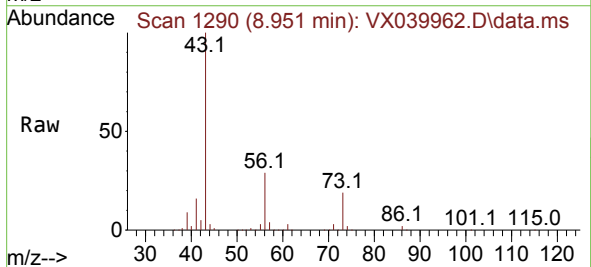
Instrument :
MSVOA_X
ClientSampleId :

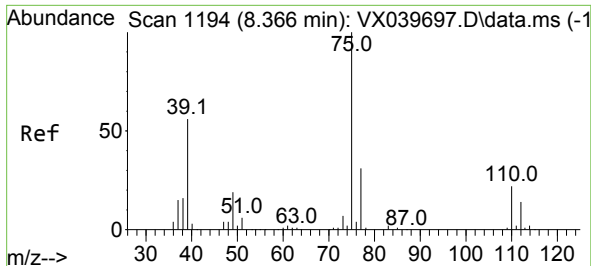
Tgt Ion: 92 Resp: 5087
Ion Ratio Lower Upper
92 100
91 179.3 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.283 ug/l
RT: 8.951 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion: 75 Resp: 436
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

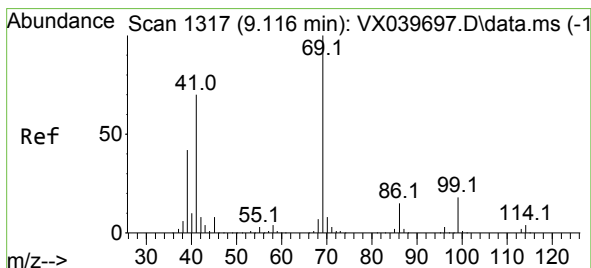
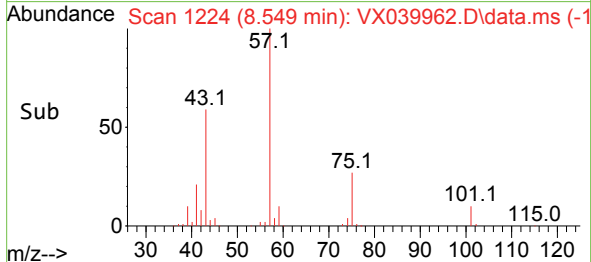
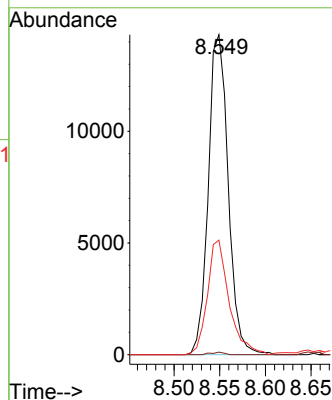
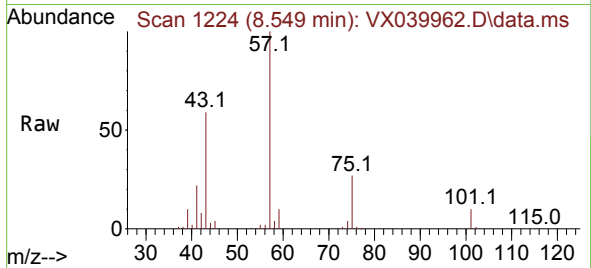




#54
 cis-1,3-Dichloropropene
 Concen: 12.794 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX039962.D
 Acq: 25 Jan 2024 18:21

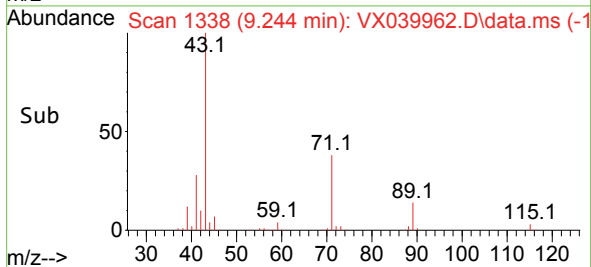
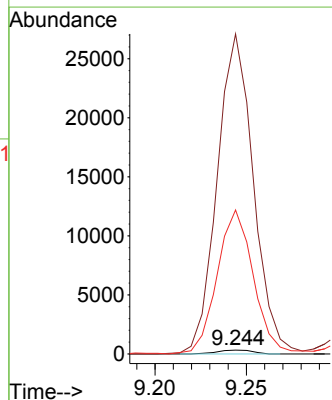
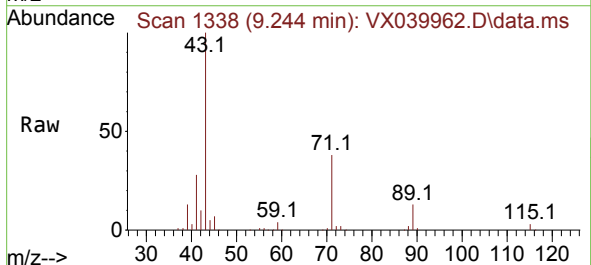
Instrument :
 MSVOA_X
 ClientSampleId :

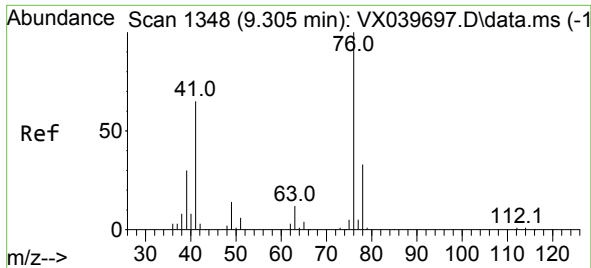
Tgt Ion: 75 Resp: 21659
 Ion Ratio Lower Upper
 75 100
 77 0.8 25.3 37.9#
 39 35.8 46.7 70.1#



#56
 Ethyl methacrylate
 Concen: 0.255 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.128 min
 Lab File: VX039962.D
 Acq: 25 Jan 2024 18:21

Tgt Ion: 69 Resp: 443
 Ion Ratio Lower Upper
 69 100
 41 8455.5 56.8 85.2#
 39 3828.2 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 1.616 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX039962.D

Acq: 25 Jan 2024 18:21

Instrument :

MSVOA_X

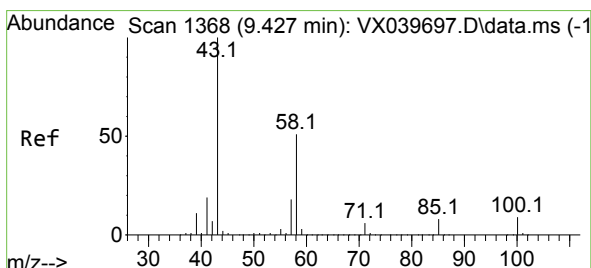
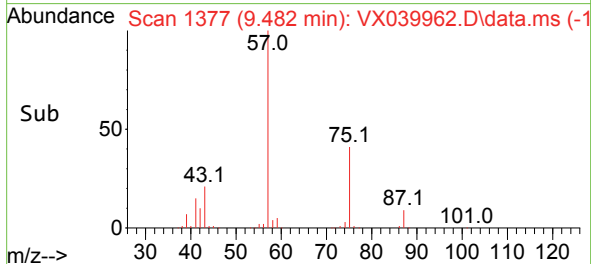
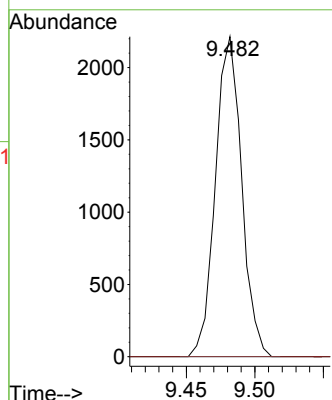
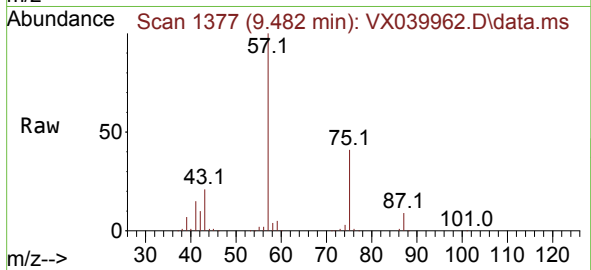
ClientSampleId :

Tgt Ion: 76 Resp: 2945

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 28.305 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX039962.D

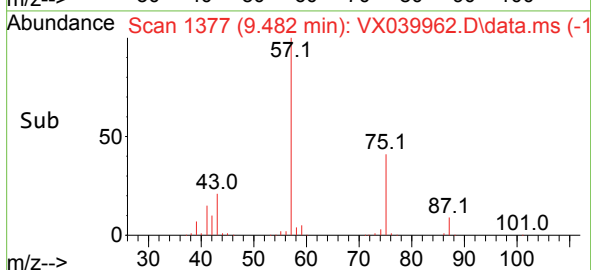
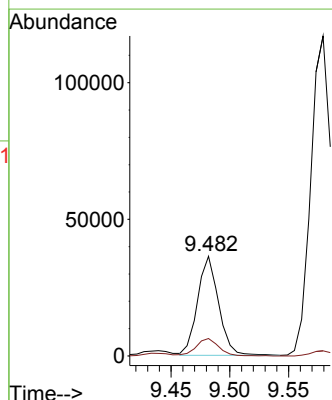
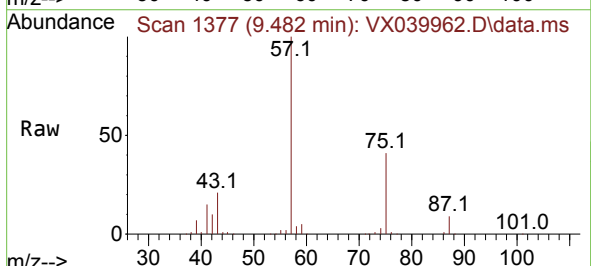
Acq: 25 Jan 2024 18:21

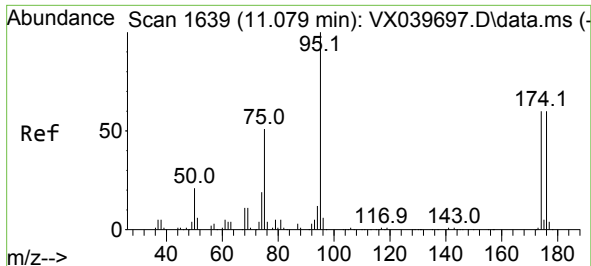
Tgt Ion: 43 Resp: 45085

Ion Ratio Lower Upper

43 100

58 19.2 26.2 78.5#

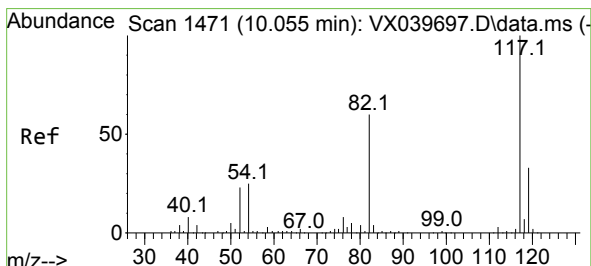
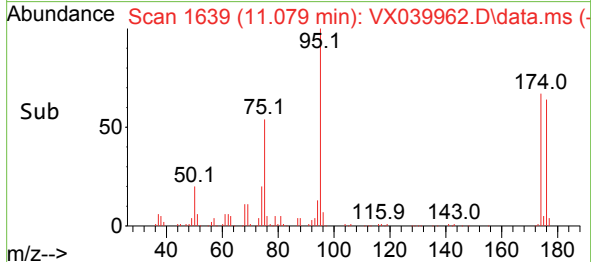
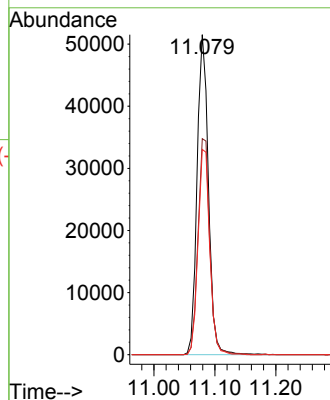
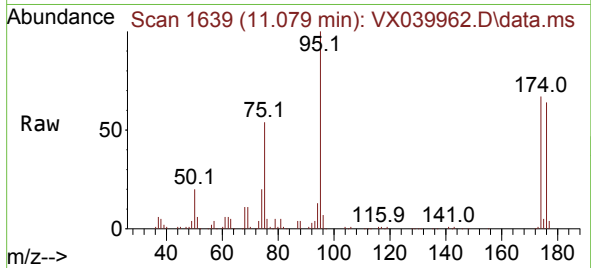




#62
4-Bromofluorobenzene
Concen: 46.961 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

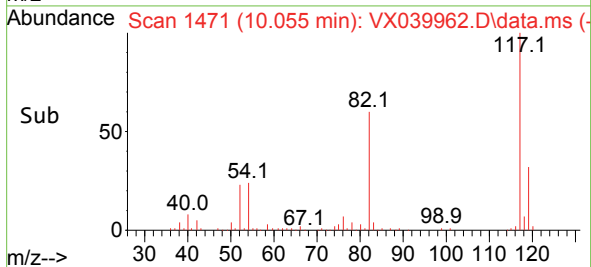
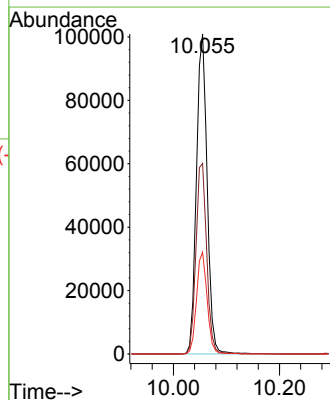
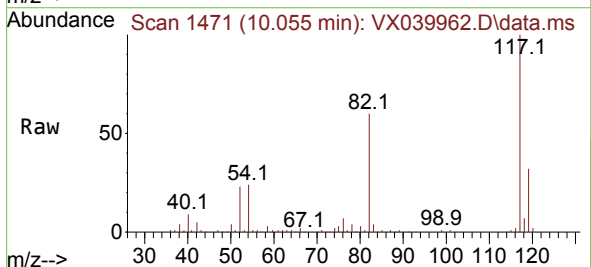
Instrument :
MSVOA_X
ClientSampleId :

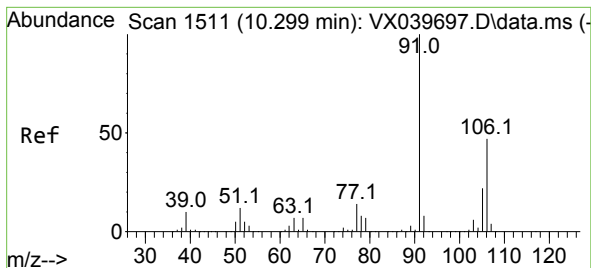
Tgt Ion: 95 Resp: 66443
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.6
176 66.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion: 117 Resp: 141356
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 31.8 25.5 38.3

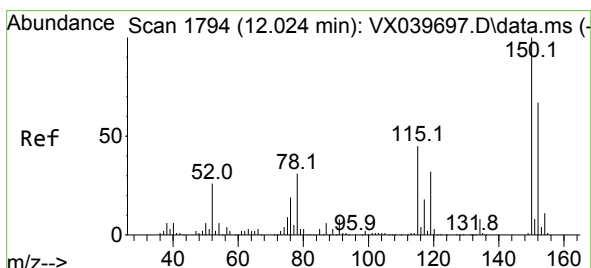
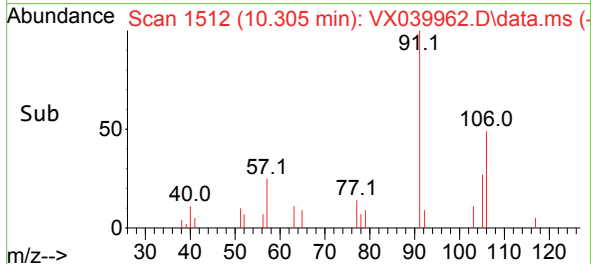
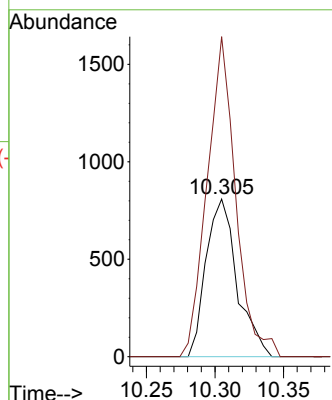
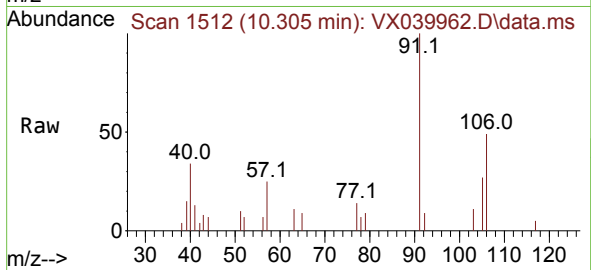




#68
m/p-Xylenes
Concen: 0.633 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

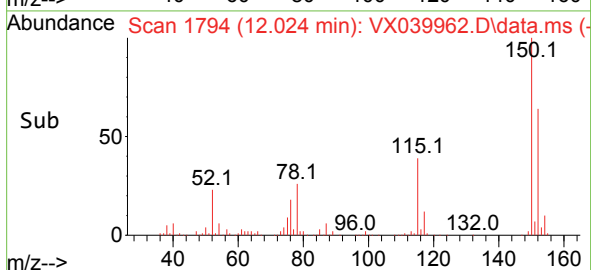
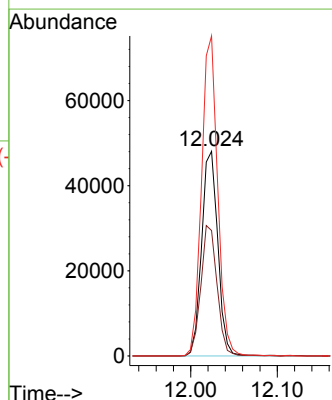
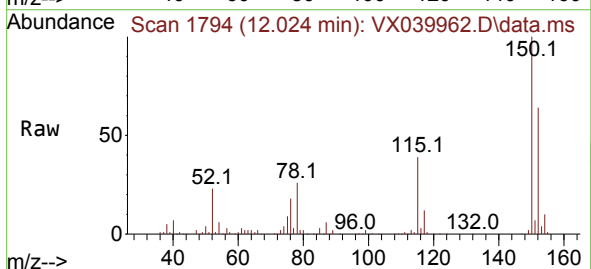
Instrument :
MSVOA_X
ClientSampleId :

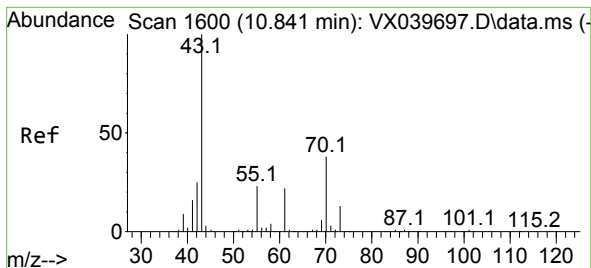
Tgt Ion:106 Resp: 1273
Ion Ratio Lower Upper
106 100
91 187.0 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX039962.D
Acq: 25 Jan 2024 18:21

Tgt Ion:152 Resp: 62487
Ion Ratio Lower Upper
152 100
115 63.9 43.3 129.9
150 155.3 0.0 345.0





#74

N-amy1 acetate

Concen: 0.389 ug/l

RT: 10.774 min Scan# 1

Delta R.T. -0.067 min

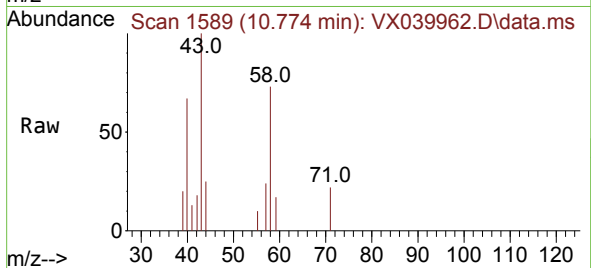
Lab File: VX039962.D

Acq: 25 Jan 2024 18:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 1010

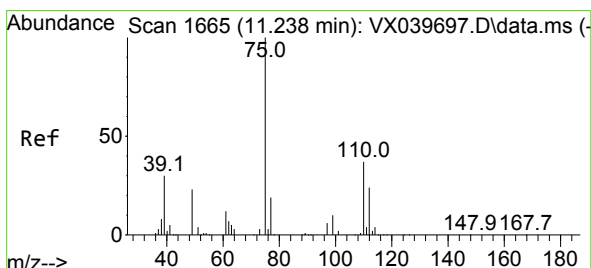
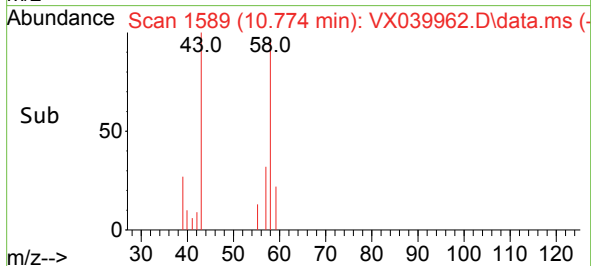
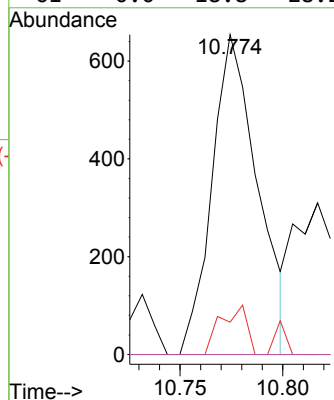
Ion	Ratio	Lower	Upper
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43	100		
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70	0.0	32.9	49.3#
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55	8.9	19.3	28.9#
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61	0.0	18.8	28.2#
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#76

1,2,3-Trichloropropane

Concen: 22.567 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039962.D

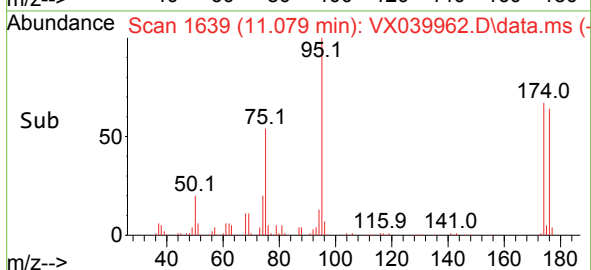
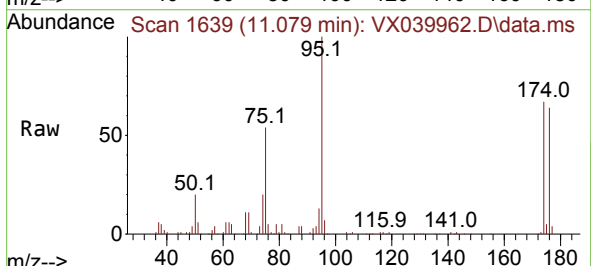
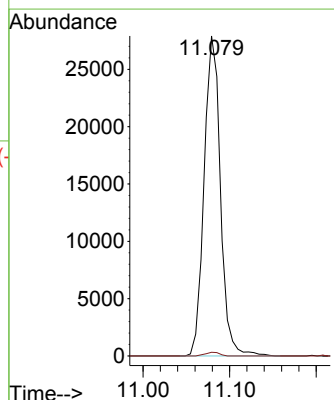
Acq: 25 Jan 2024 18:21

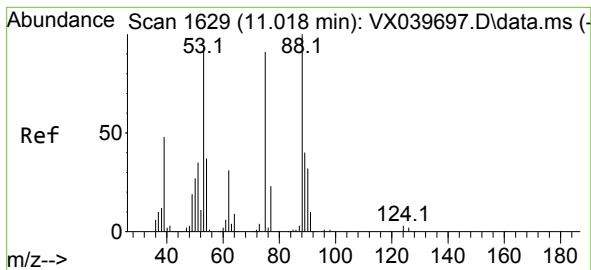
Tgt Ion: 75 Resp: 36559

Ion	Ratio	Lower	Upper
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75	100		
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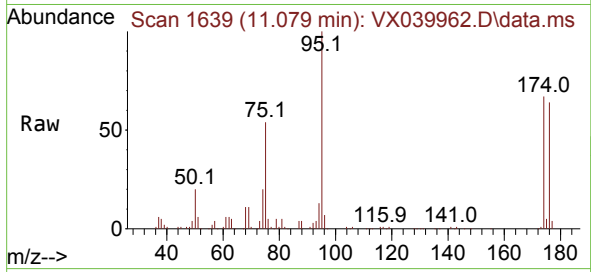
77	1.0	19.1	57.5#
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.305 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039962.D
 Acq: 25 Jan 2024 18:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 36559
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

