

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
 Data File : VX039963.D
 Acq On : 25 Jan 2024 18:44
 Operator : JC/MD
 Sample : PB158617ZHE#01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 01:39:20 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)

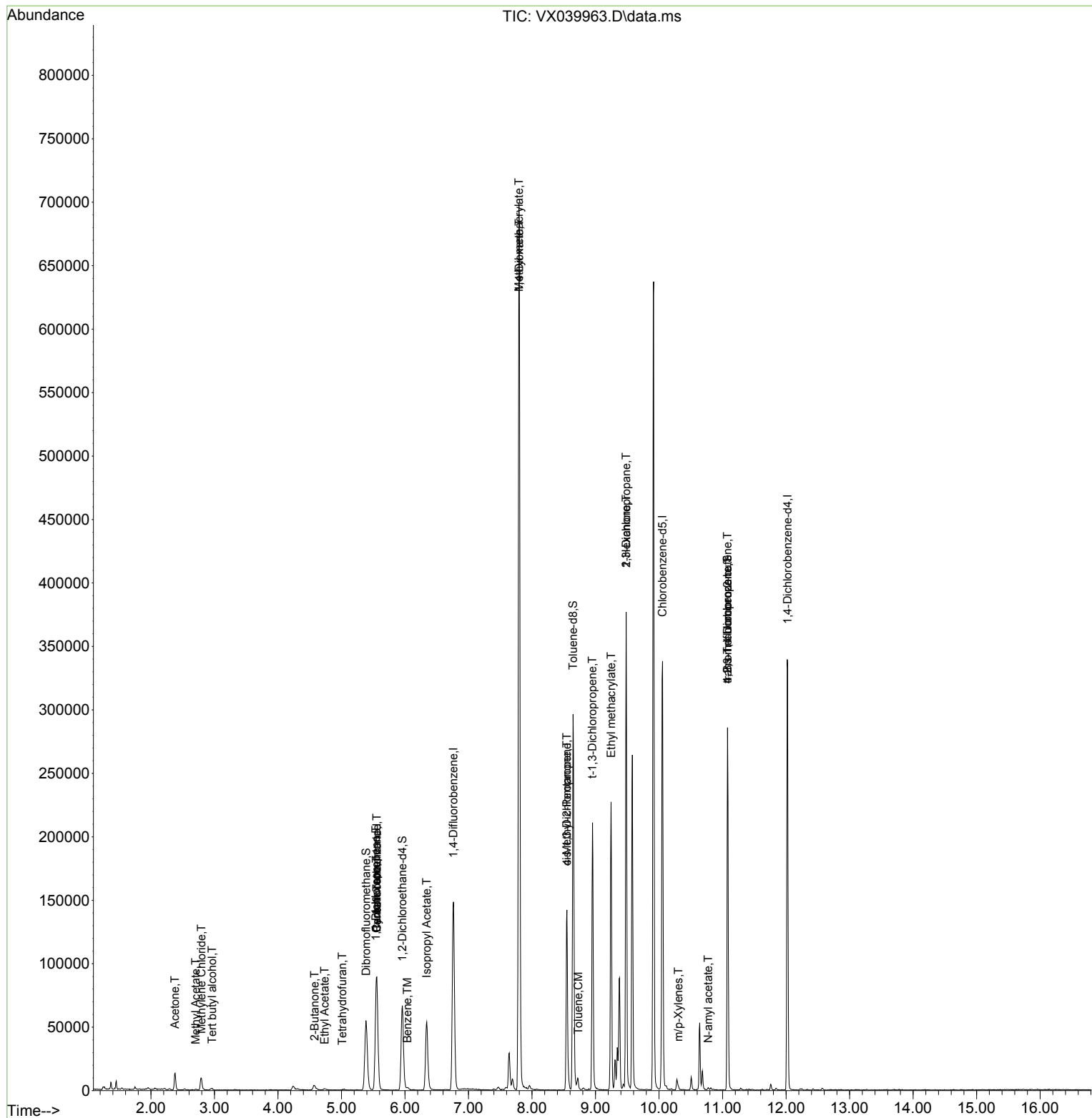
Internal Standards						
1) Pentafluorobenzene	5.556	168	79621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146272	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63887	47.900	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.800%			
35) Dibromofluoromethane	5.385	113	46873	47.577	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 95.160%			
50) Toluene-d8	8.647	98	174064	46.845	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 93.680%			
62) 4-Bromofluorobenzene	11.079	95	74311	51.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.280%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	1391	4.006	ug/l #	94
16) Acetone	2.380	43	14026	18.699	ug/l	91
18) Methyl Acetate	2.703	43	922	0.588	ug/l #	70
20) Methylene Chloride	2.794	84	4518	3.982	ug/l	94
25) 2-Butanone	4.574	43	6927	6.426	ug/l	98
29) Tetrahydrofuran	5.013	42	172	0.248	ug/l #	34
31) Cyclohexane	5.550	56	2294	1.303	ug/l #	22
36) 1,1-Dichloropropene	5.544	75	7225	4.711	ug/l #	52
37) Ethyl Acetate	4.733	43	2472	1.208	ug/l #	75
38) Carbon Tetrachloride	5.556	117	8872	6.317	ug/l #	14
40) Benzene	6.038	78	1695	0.390	ug/l	91
43) Isopropyl Acetate	6.342	43	74662	24.878	ug/l	99
48) Methyl methacrylate	7.793	41	61627	41.776	ug/l #	48
49) 1,4-Dioxane	7.799	88	60	2.102	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	49731	24.061	ug/l #	52
52) Toluene	8.726	92	2930	1.130	ug/l	95
53) t-1,3-Dichloropropene	8.952	75	518	0.328	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	21621	12.436	ug/l #	58
56) Ethyl methacrylate	9.244	69	456	0.255	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3051	1.630	ug/l #	42
59) 2-Hexanone	9.482	43	44181	27.008	ug/l #	54
68) m/p-Xylenes	10.305	106	586	0.287	ug/l	83
74) N-amyl acetate	10.775	43	969	0.346	ug/l #	46
76) 1,2,3-Trichloropropane	11.079	75	41597	23.806	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	41597	68.476	ug/l #	5

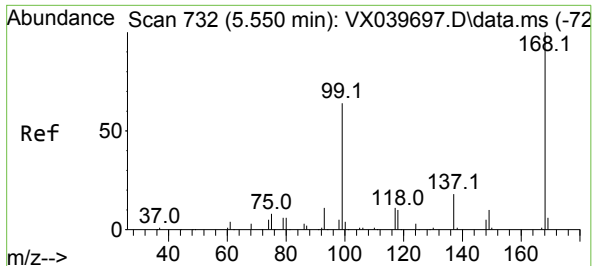
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012524\
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 26 01:39:20 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

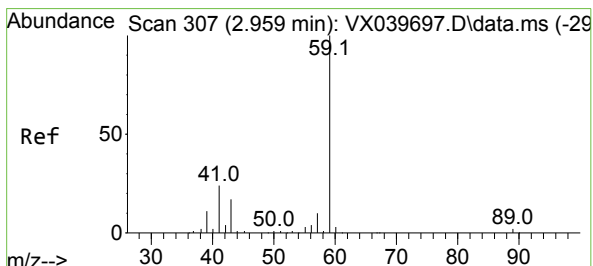
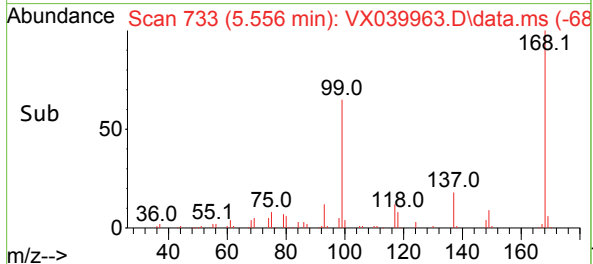
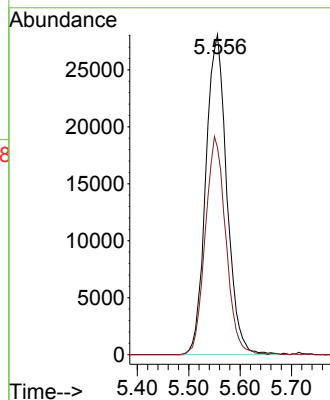
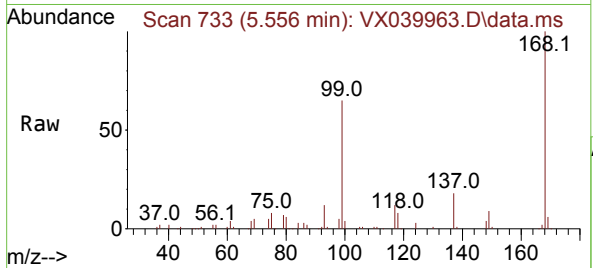




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

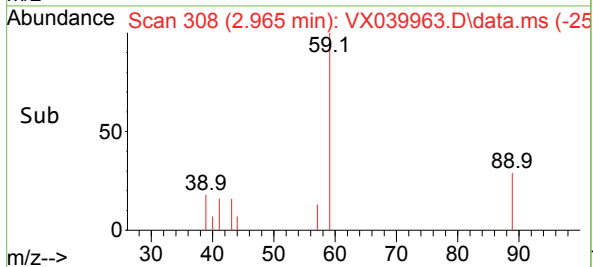
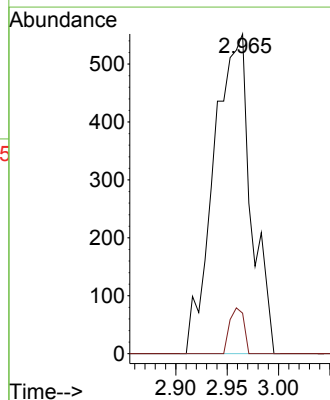
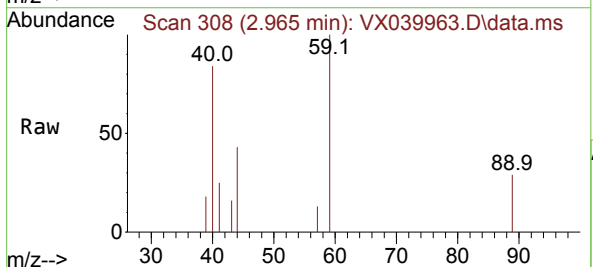
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 79621
Ion Ratio Lower Upper
168 100
99 64.7 56.6 85.0



#11
Tert butyl alcohol
Concen: 4.006 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Tgt Ion: 59 Resp: 1391
Ion Ratio Lower Upper
59 100
57 5.5 6.0 9.0#

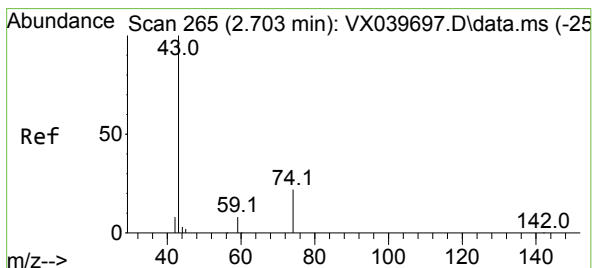
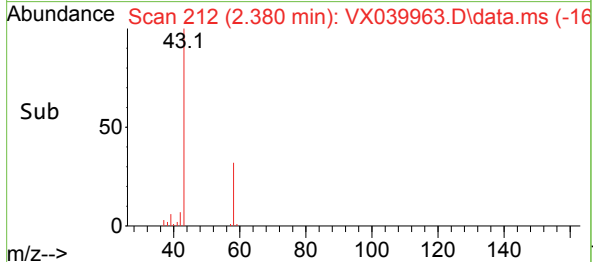
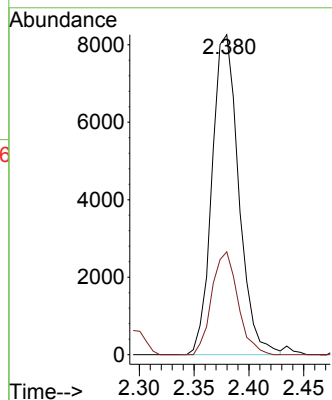
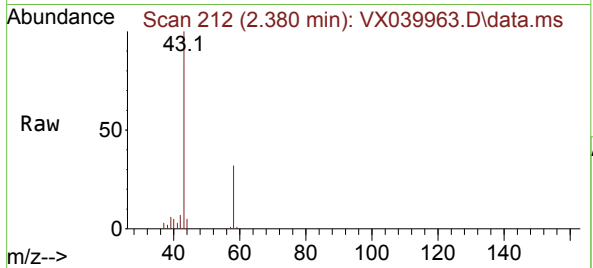




#16
Acetone
Concen: 18.699 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

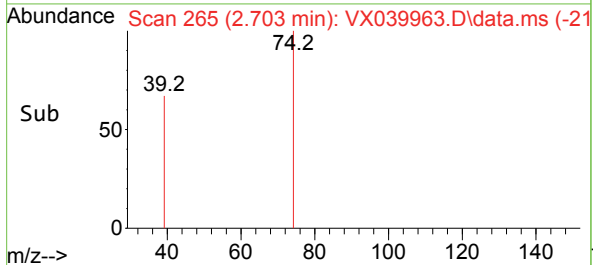
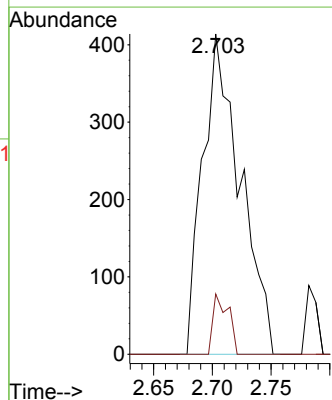
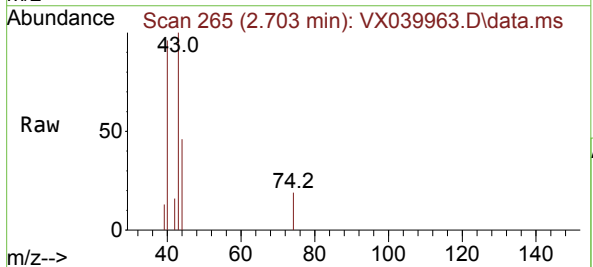
Instrument :
MSVOA_X
ClientSampleId :

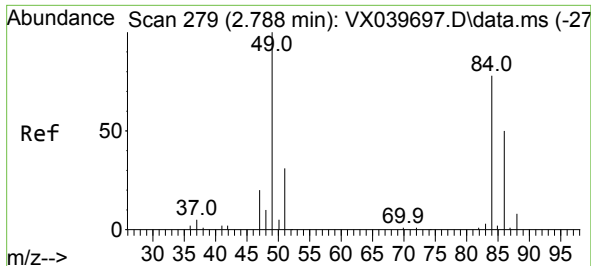
Tgt Ion: 43 Resp: 14026
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9



#18
Methyl Acetate
Concen: 0.588 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

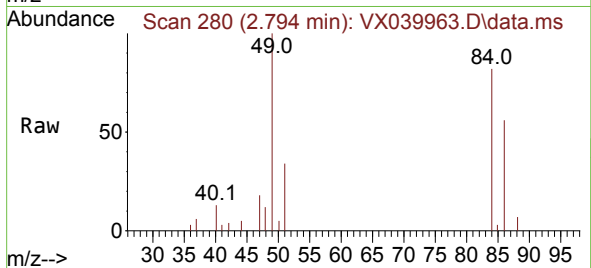
Tgt Ion: 43 Resp: 922
Ion Ratio Lower Upper
43 100
74 7.7 17.8 26.8#



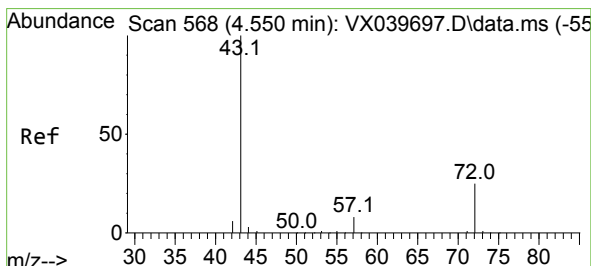
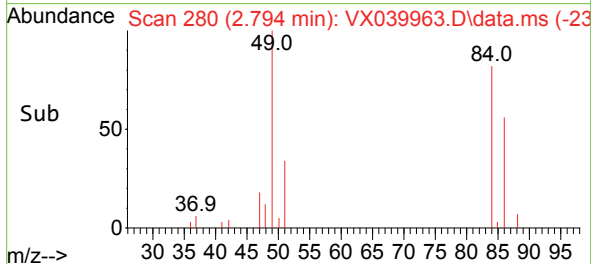
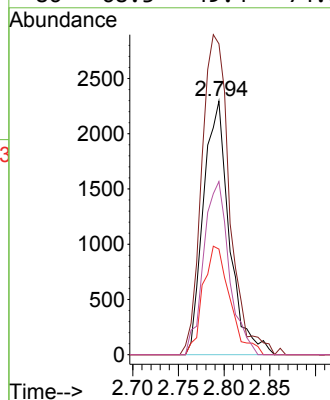


#20
Methylene Chloride
Concen: 3.982 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :

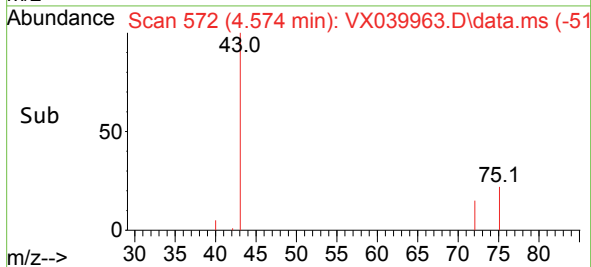
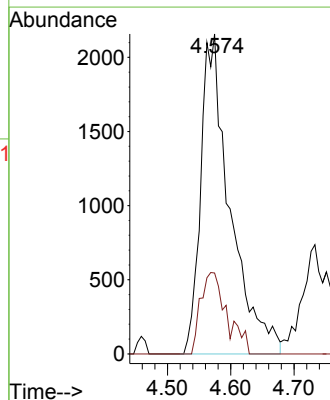
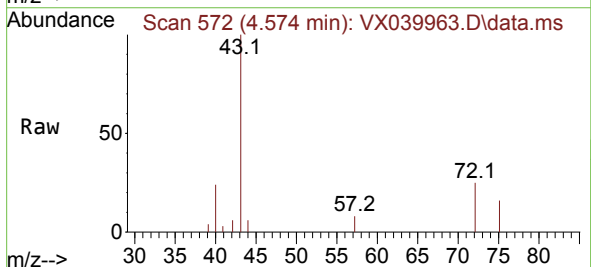


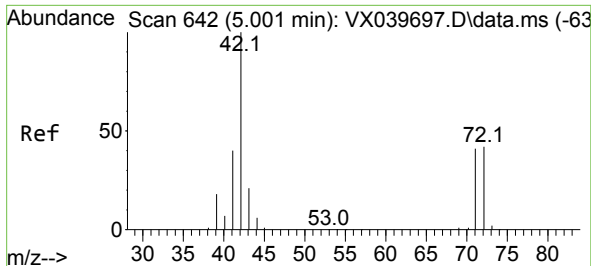
Tgt Ion: 84	Resp: 4518
Ion Ratio	Lower Upper
84 100	
49 122.6	103.6 155.4
51 41.7	33.8 50.6
86 68.3	49.4 74.0



#25
2-Butanone
Concen: 6.426 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.025 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Tgt Ion: 43	Resp: 6927
Ion Ratio	Lower Upper
43 100	
72 25.3	19.4 29.2





#29

Tetrahydrofuran

Concen: 0.248 ug/l

RT: 5.013 min Scan# 64

Delta R.T. 0.012 min

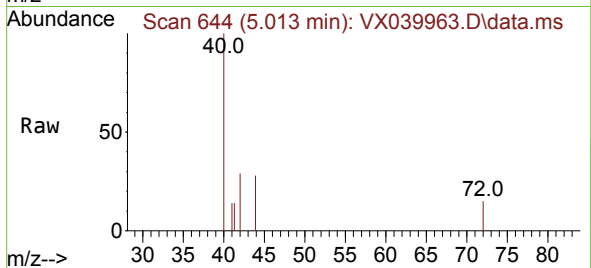
Lab File: VX039963.D

Acq: 25 Jan 2024 18:44

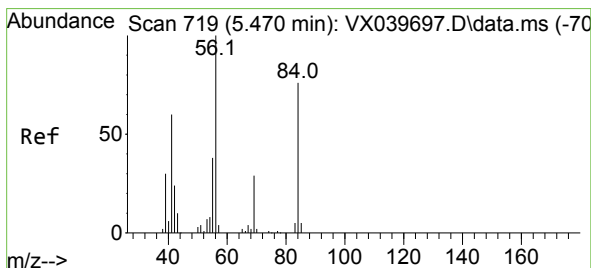
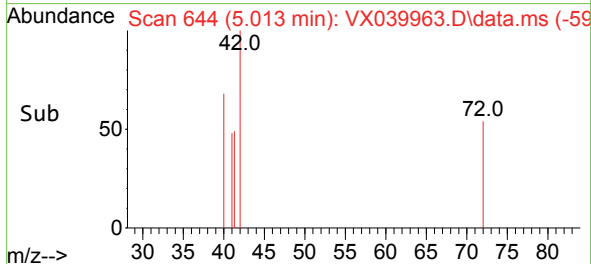
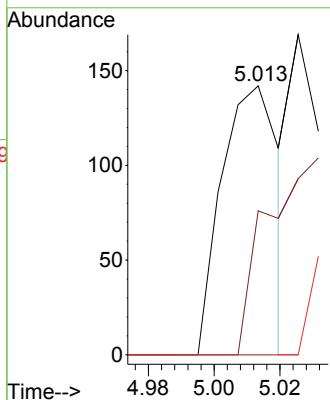
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	172
Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.2	51.4#
71	0.0	32.2	48.2#



#31

Cyclohexane

Concen: 1.303 ug/l

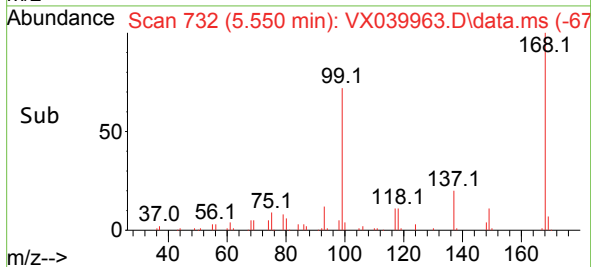
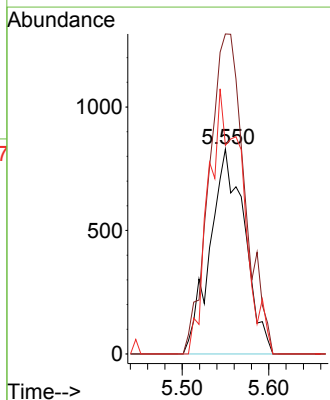
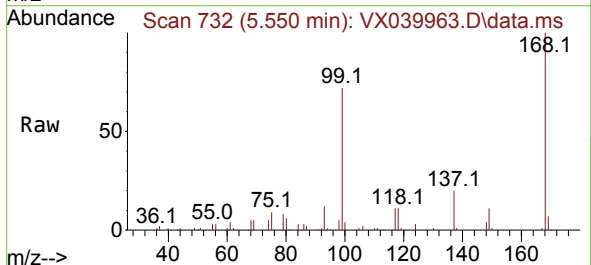
RT: 5.550 min Scan# 732

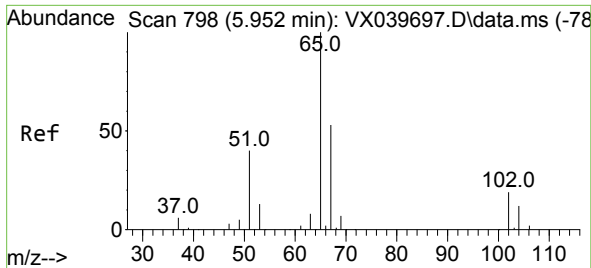
Delta R.T. 0.079 min

Lab File: VX039963.D

Acq: 25 Jan 2024 18:44

Tgt Ion:	56	Resp:	2294
Ion	Ratio	Lower	Upper
56	100		
69	156.1	23.4	35.2#
84	101.8	65.9	98.9#

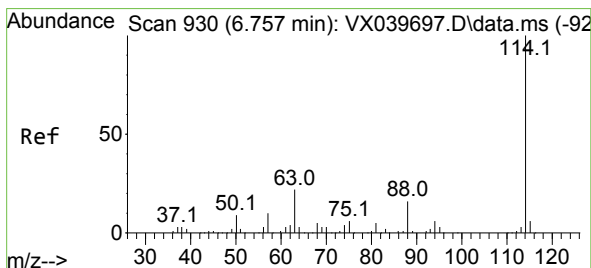
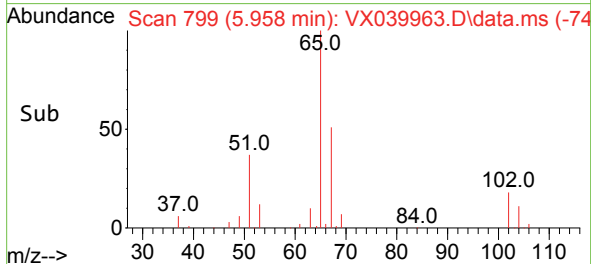
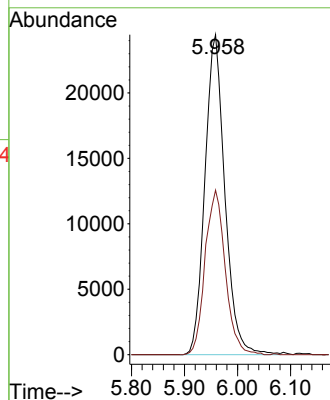
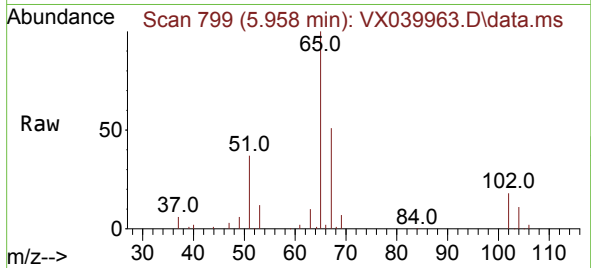




#33
1,2-Dichloroethane-d4
Concen: 47.900 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

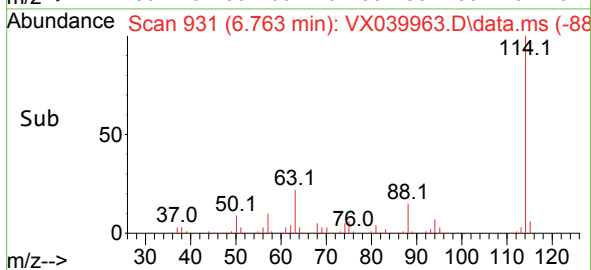
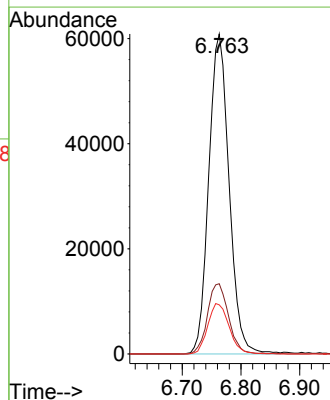
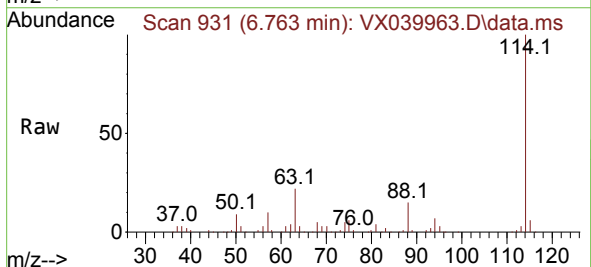
Instrument :
MSVOA_X
ClientSampleId :

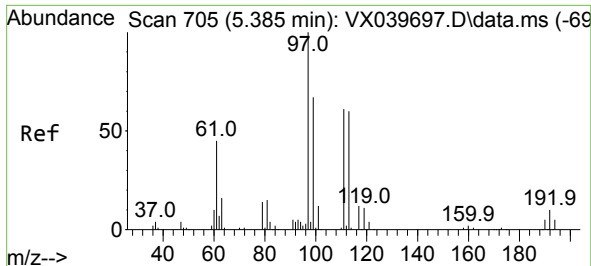
Tgt Ion: 65 Resp: 63887
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

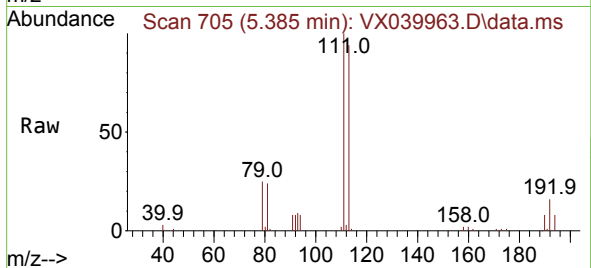
Tgt Ion:114 Resp: 146272
Ion Ratio Lower Upper
114 100
63 22.0 0.0 45.0
88 15.3 0.0 36.6



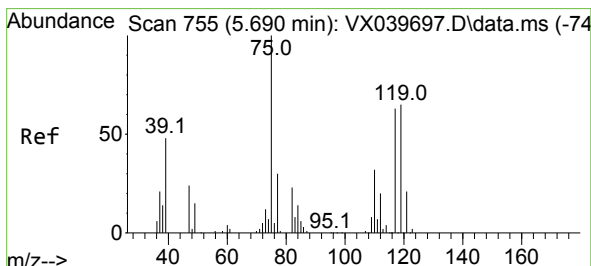
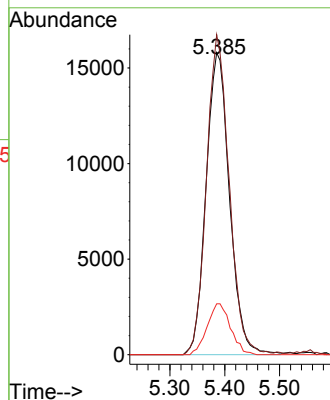
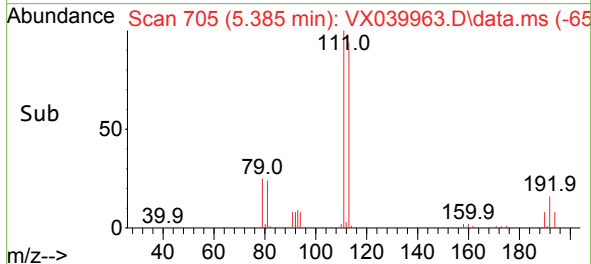


#35
Dibromofluoromethane
Concen: 47.577 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :

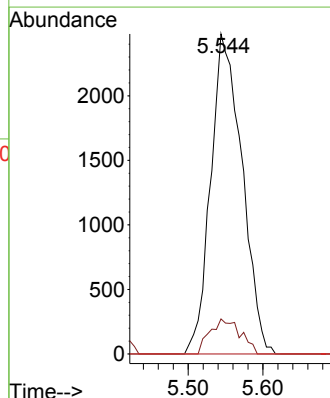
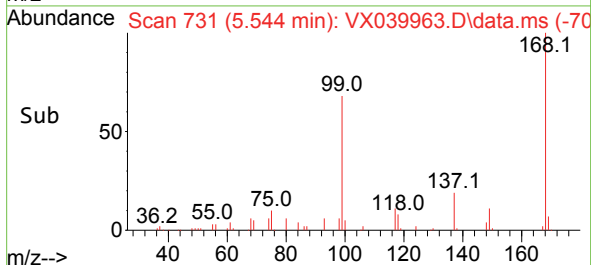
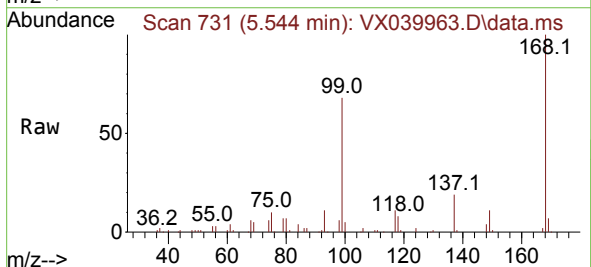


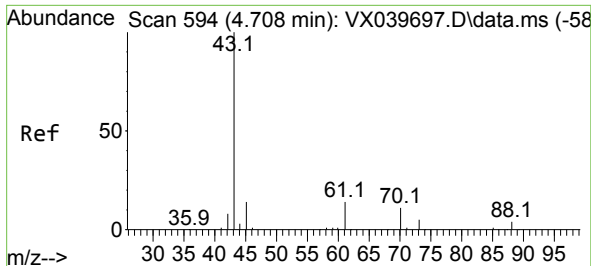
Tgt Ion:113 Resp: 46873
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.711 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Tgt Ion: 75 Resp: 7225
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.208 ug/l

RT: 4.733 min Scan# 594

Delta R.T. 0.024 min

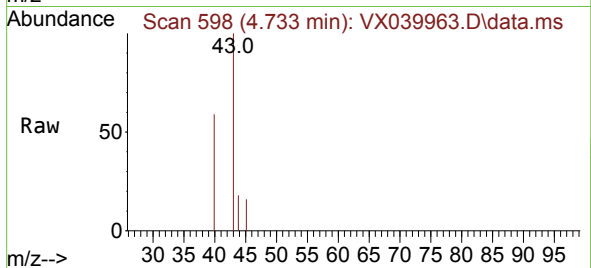
Lab File: VX039963.D

Acq: 25 Jan 2024 18:44

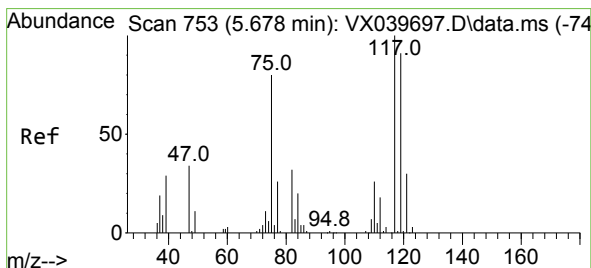
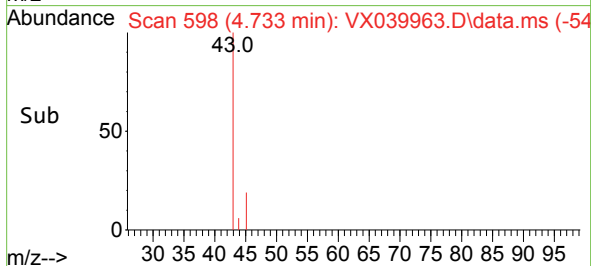
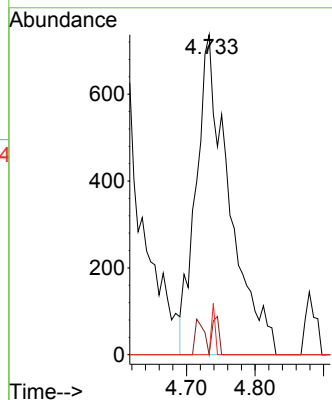
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 2472
Ion Ratio	Lower Upper
43	100
61	2.5 10.6 16.0#
70	1.7 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.317 ug/l

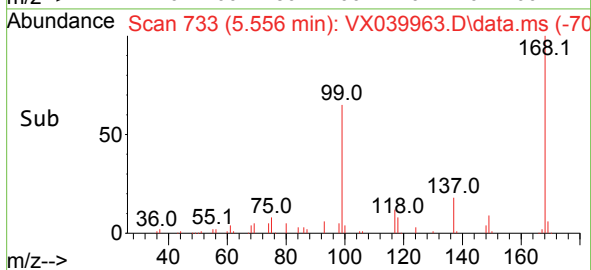
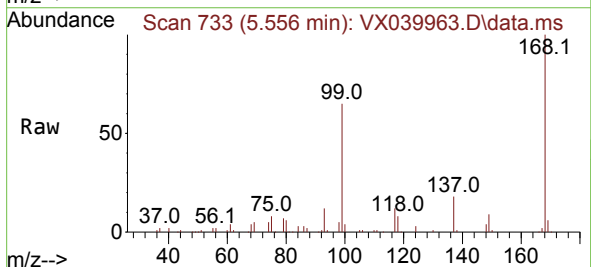
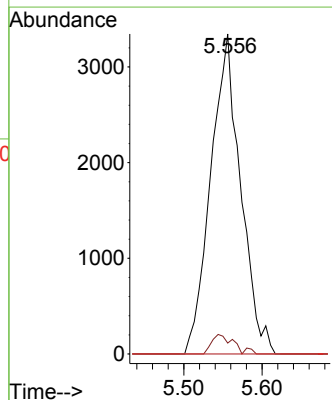
RT: 5.556 min Scan# 733

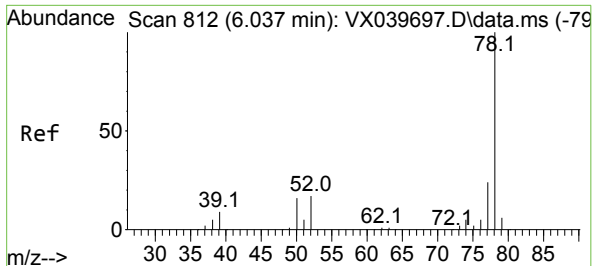
Delta R.T. -0.122 min

Lab File: VX039963.D

Acq: 25 Jan 2024 18:44

Tgt Ion: 117	Resp: 8872
Ion Ratio	Lower Upper
117	100
119	3.4 78.2 117.2#
121	0.0 24.4 36.6#

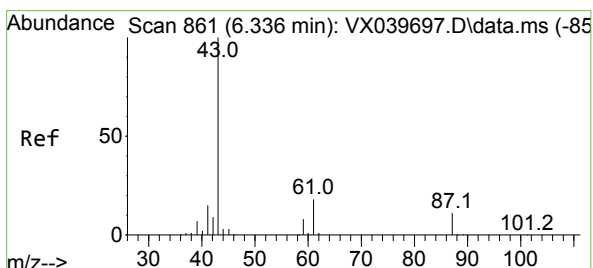
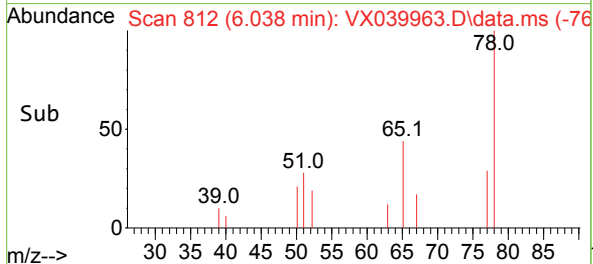
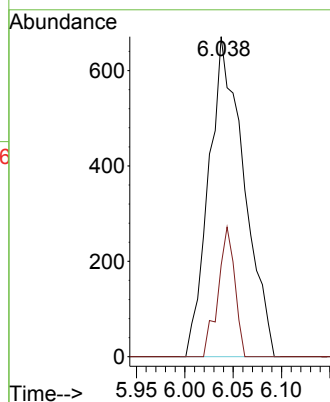
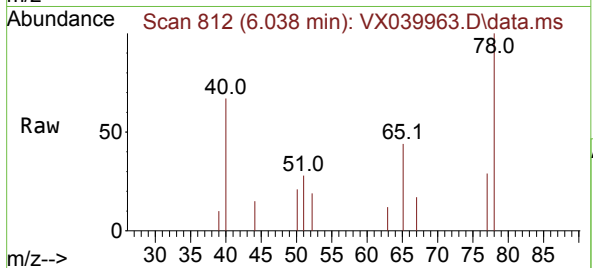




#40
Benzene
Concen: 0.390 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

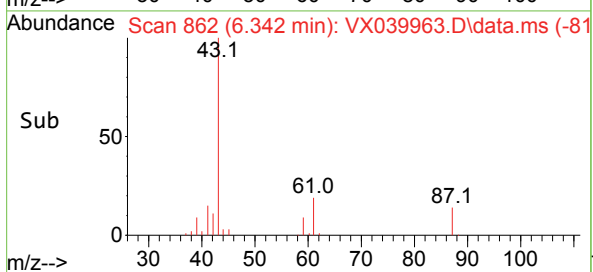
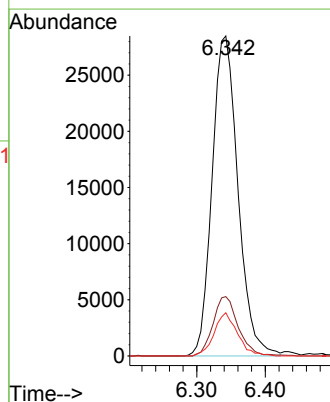
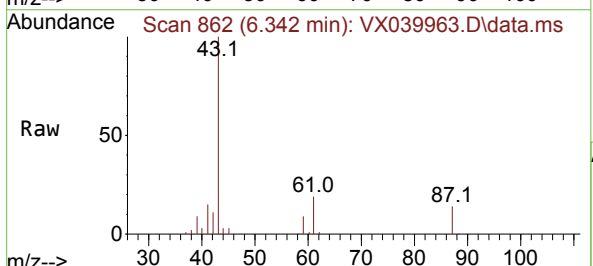
Instrument :
MSVOA_X
ClientSampleId :

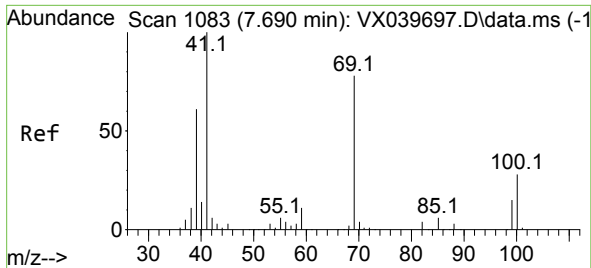
Tgt Ion: 78 Resp: 1695
Ion Ratio Lower Upper
78 100
77 28.6 19.3 28.9



#43
Isopropyl Acetate
Concen: 24.878 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Tgt Ion: 43 Resp: 74662
Ion Ratio Lower Upper
43 100
61 18.1 15.2 22.8
87 12.2 9.8 14.6

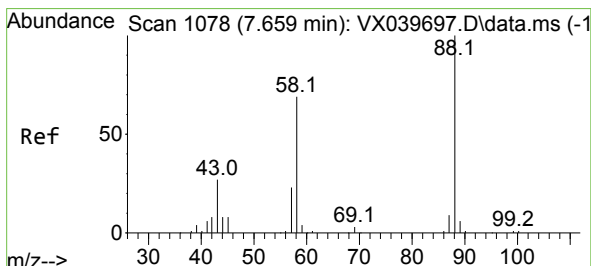
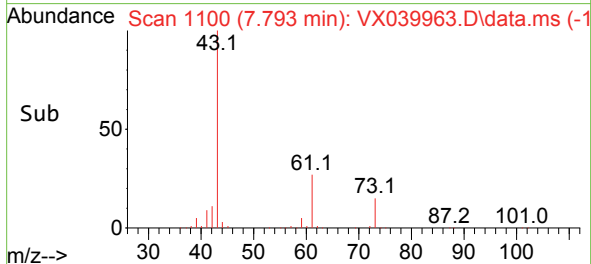
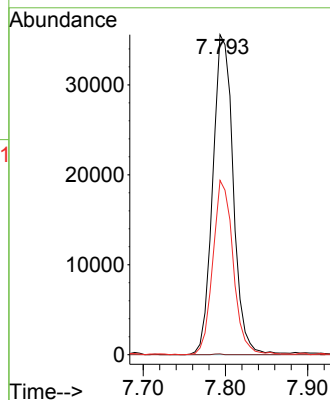
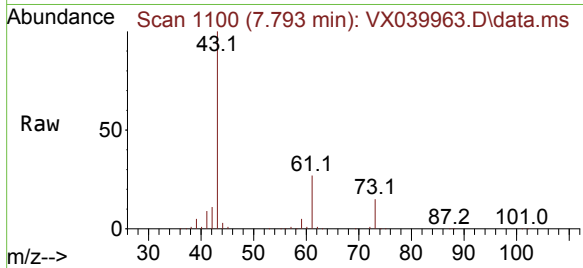




#48
Methyl methacrylate
Concen: 41.776 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.104 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

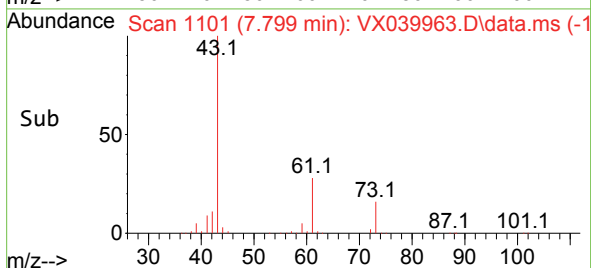
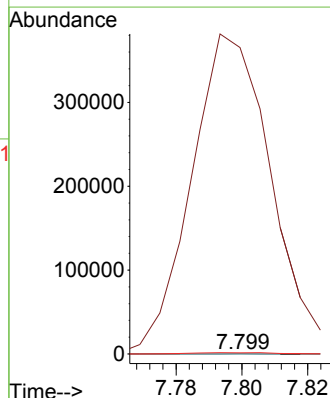
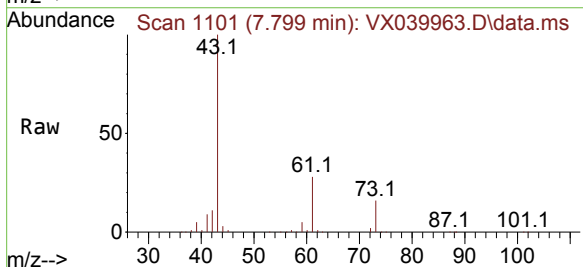
Instrument :
MSVOA_X
ClientSampleId :

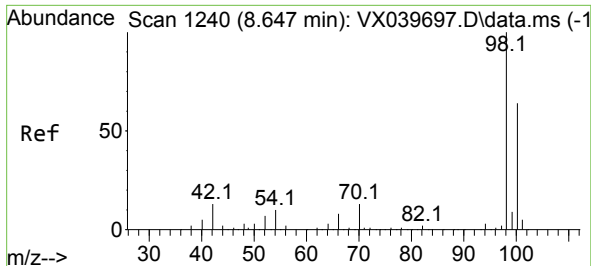
Tgt Ion: 41 Resp: 61627
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 54.3 47.7 71.5



#49
1,4-Dioxane
Concen: 2.102 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.140 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Tgt Ion: 88 Resp: 60
Ion Ratio Lower Upper
88 100
43 1088226.7 0.0 0.0#
58 4515.0 60.1 90.1#

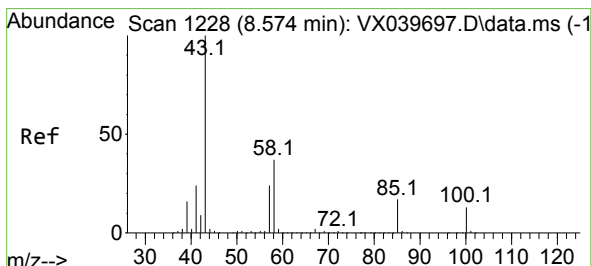
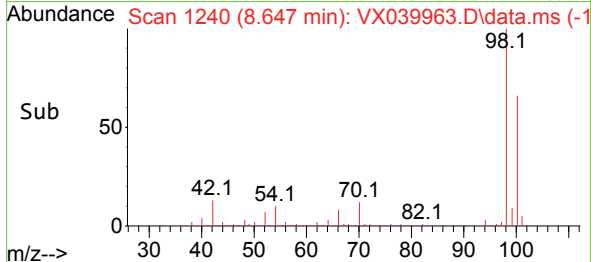
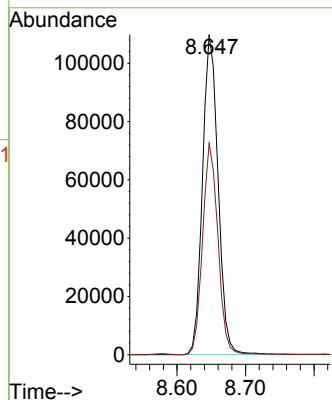
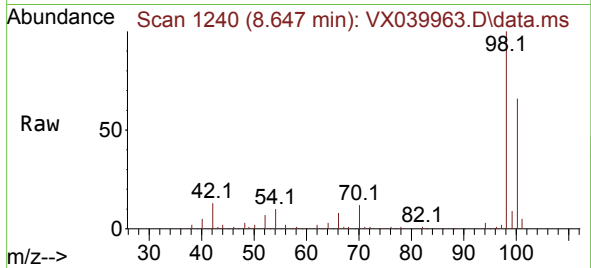




#50
Toluene-d8
Concen: 46.845 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

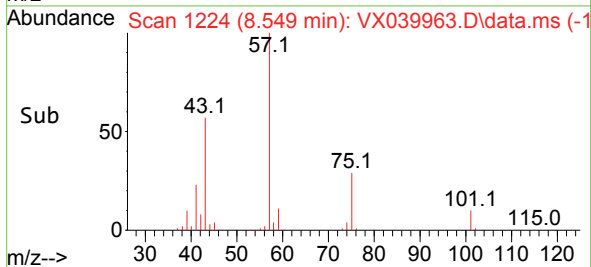
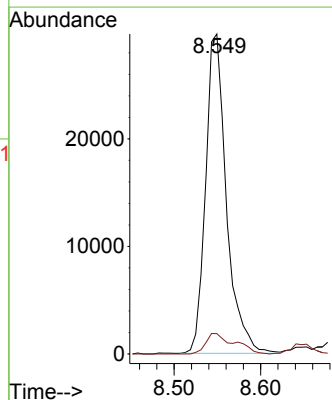
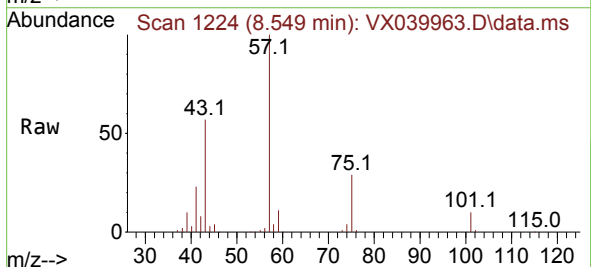
Instrument :
MSVOA_X
ClientSampleId :

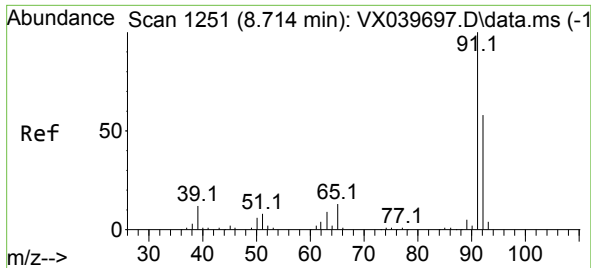
Tgt Ion: 98 Resp: 174064
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 24.061 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Tgt Ion: 43 Resp: 49731
Ion Ratio Lower Upper
43 100
58 8.9 30.4 45.6#

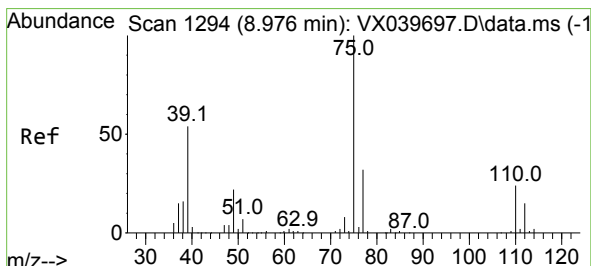
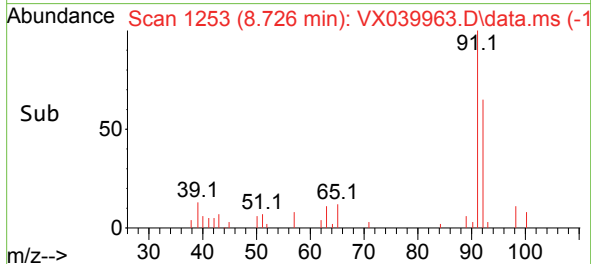
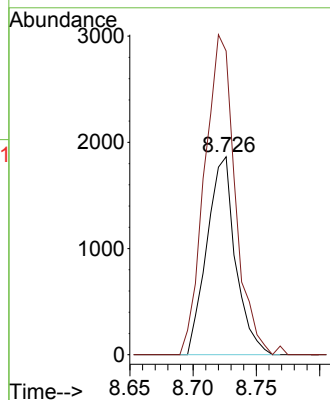
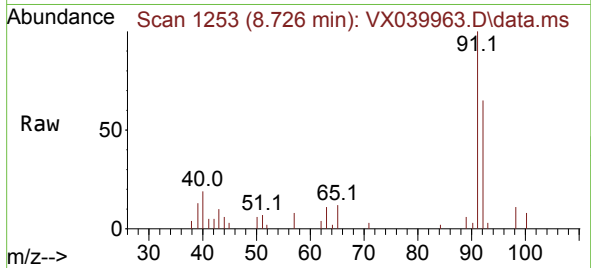




#52
Toluene
Concen: 1.130 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

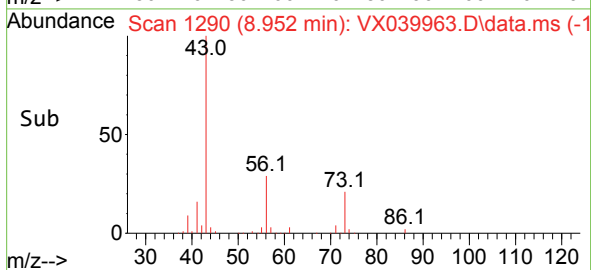
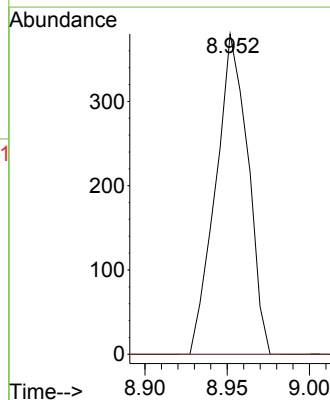
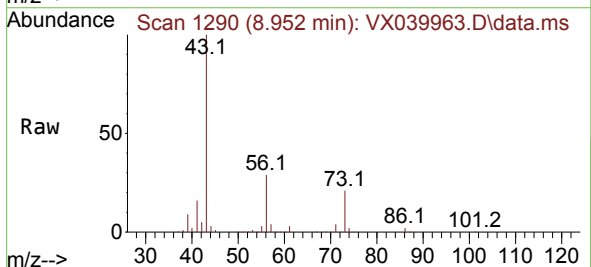
Instrument :
MSVOA_X
ClientSampleId :

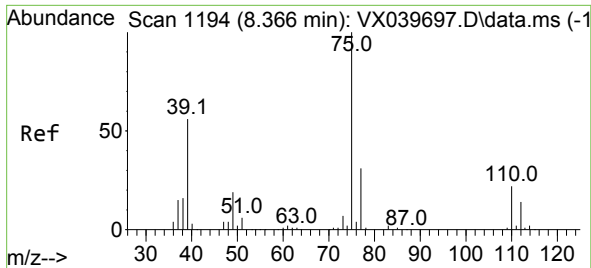
Tgt Ion: 92 Resp: 2930
Ion Ratio Lower Upper
92 100
91 173.9 134.2 201.2



#53
t-1,3-Dichloropropene
Concen: 0.328 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Tgt Ion: 75 Resp: 518
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

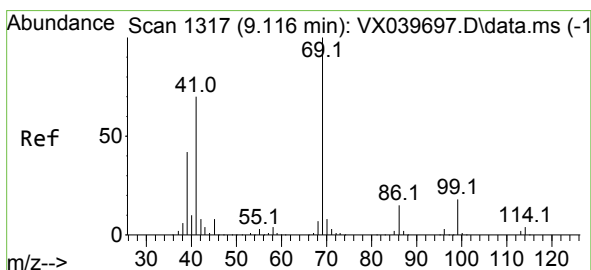
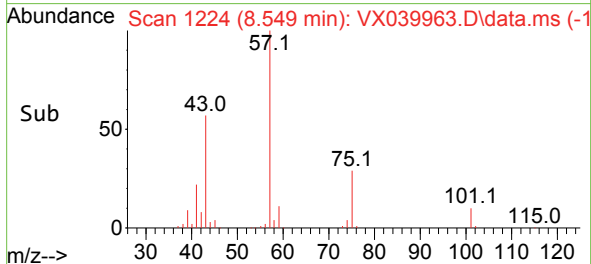
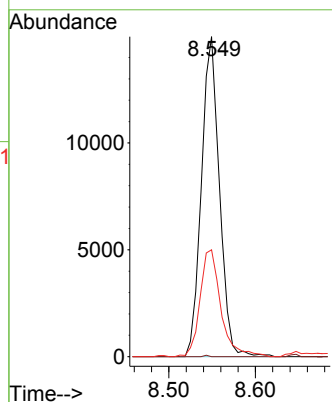
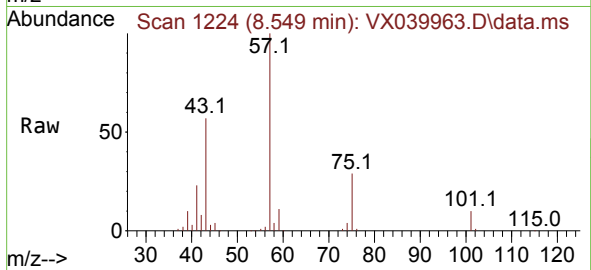




#54
cis-1,3-Dichloropropene
Concen: 12.436 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

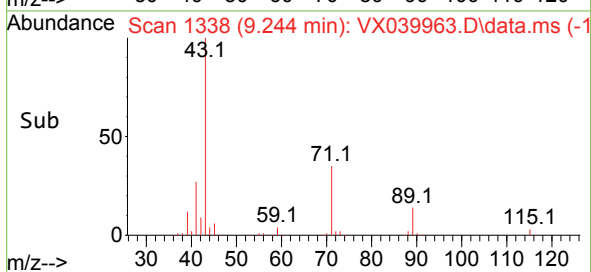
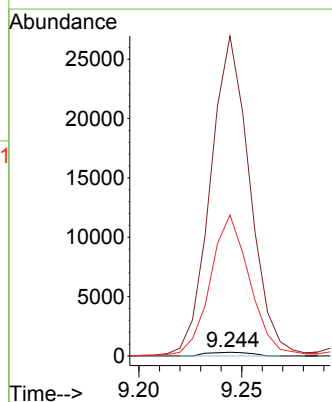
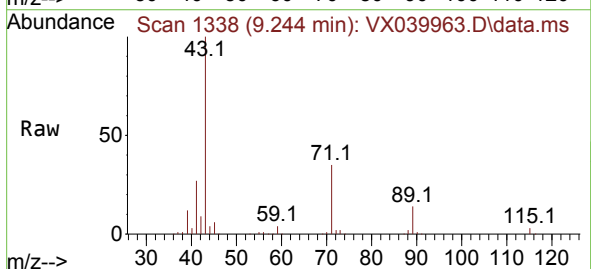
Instrument :
MSVOA_X
ClientSampleId :

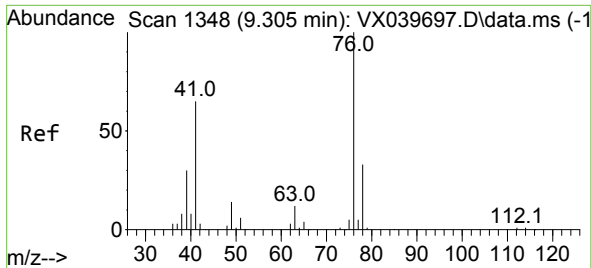
Tgt Ion: 75 Resp: 21621
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 33.4 46.7 70.1#



#56
Ethyl methacrylate
Concen: 0.255 ug/l
RT: 9.244 min Scan# 1338
Delta R.T. 0.128 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Tgt Ion: 69 Resp: 456
Ion Ratio Lower Upper
69 100
41 7922.4 56.8 85.2#
39 3533.8 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 1.630 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.177 min

Lab File: VX039963.D

Acq: 25 Jan 2024 18:44

Instrument :

MSVOA_X

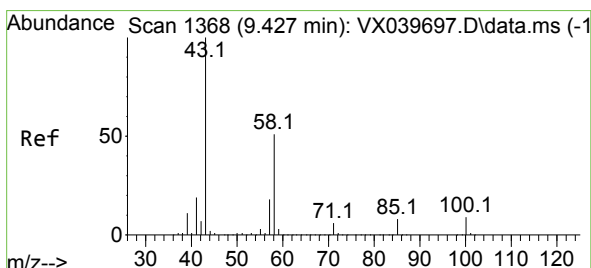
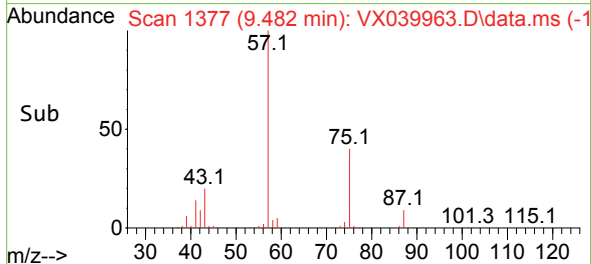
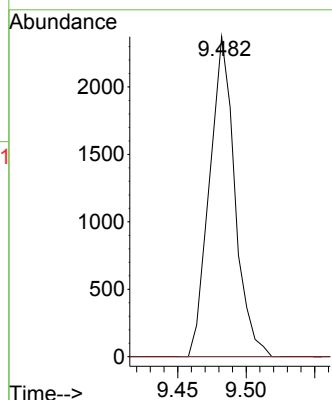
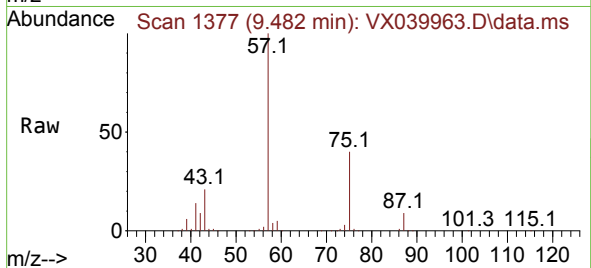
ClientSampleId :

Tgt Ion: 76 Resp: 3051

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 27.008 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.055 min

Lab File: VX039963.D

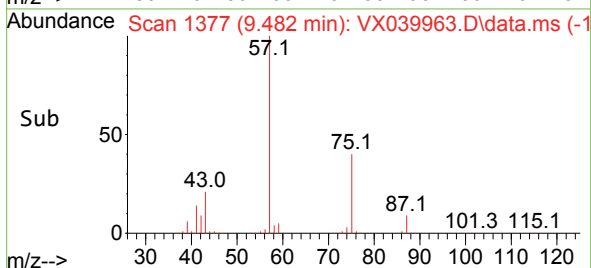
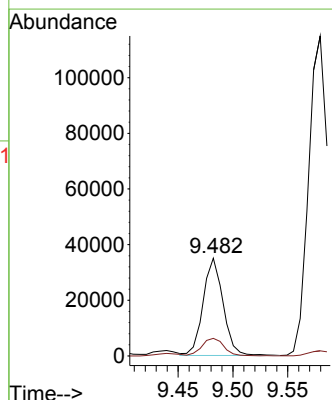
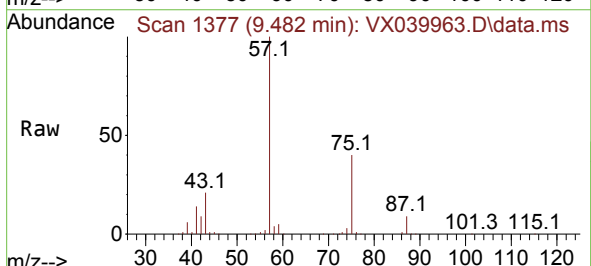
Acq: 25 Jan 2024 18:44

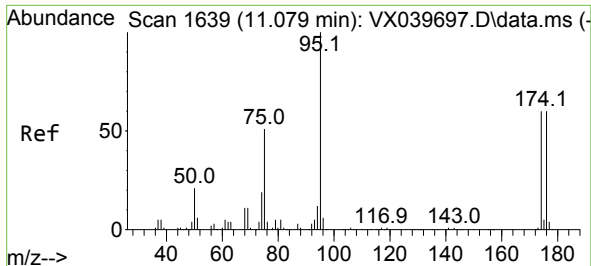
Tgt Ion: 43 Resp: 44181

Ion Ratio Lower Upper

43 100

58 20.1 26.2 78.5#

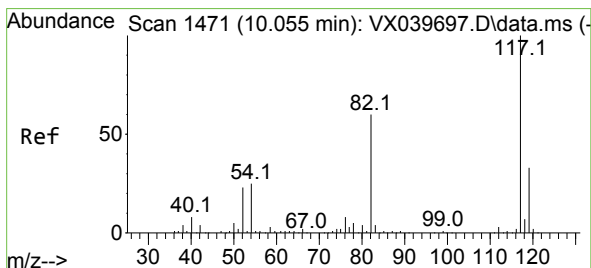
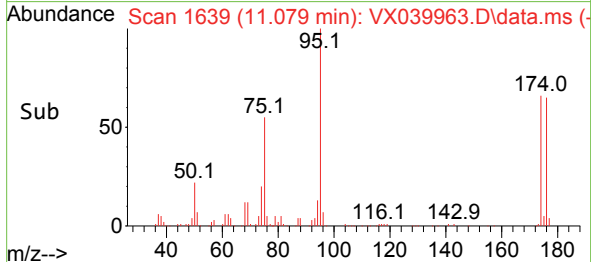
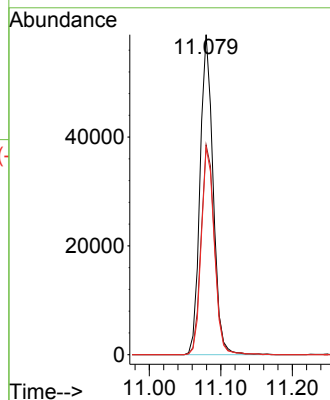
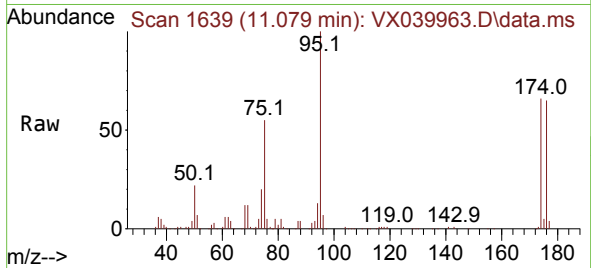




#62
4-Bromofluorobenzene
Concen: 51.142 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

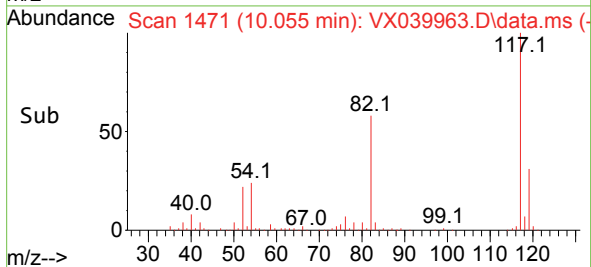
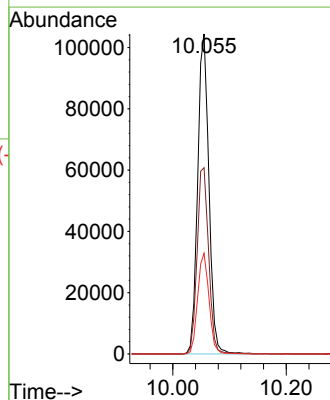
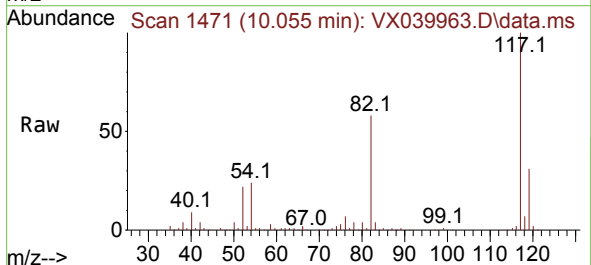
Instrument :
MSVOA_X
ClientSampleId :

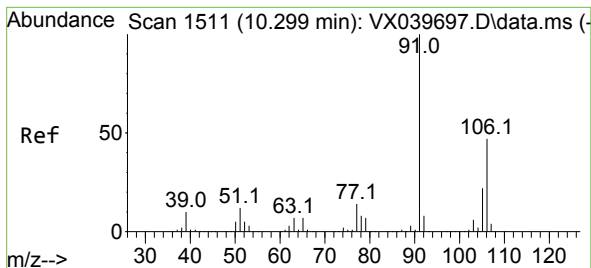
Tgt Ion: 95 Resp: 74311
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 64.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Tgt Ion: 117 Resp: 143406
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 31.5 25.5 38.3

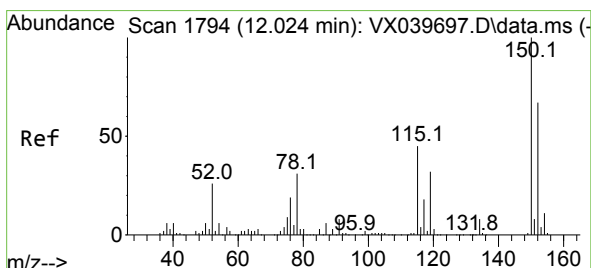
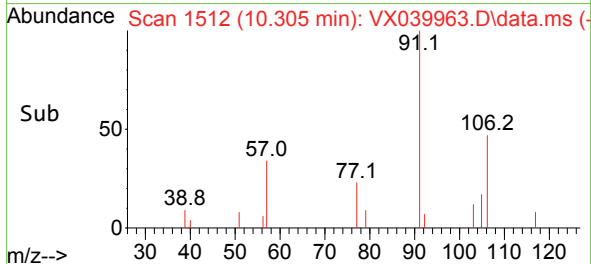
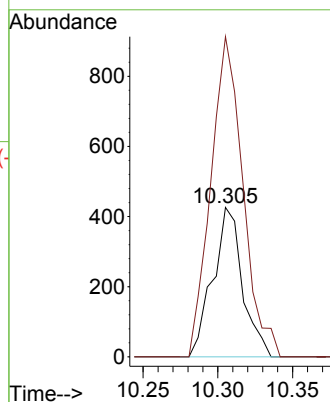
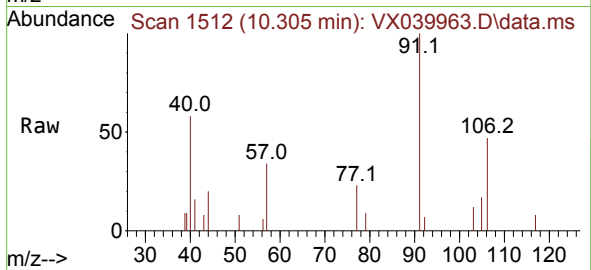




#68
m/p-Xylenes
Concen: 0.287 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

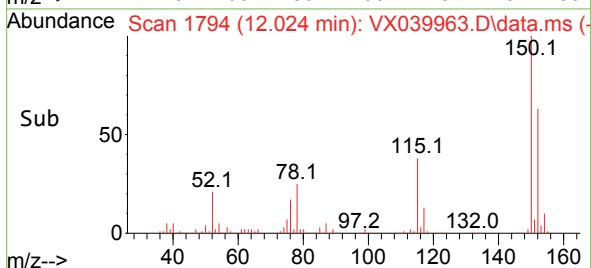
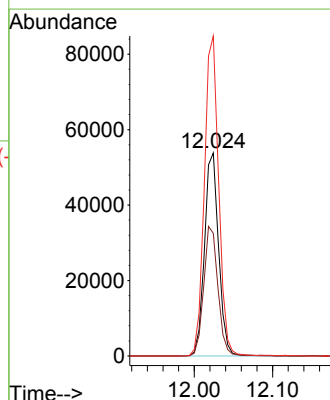
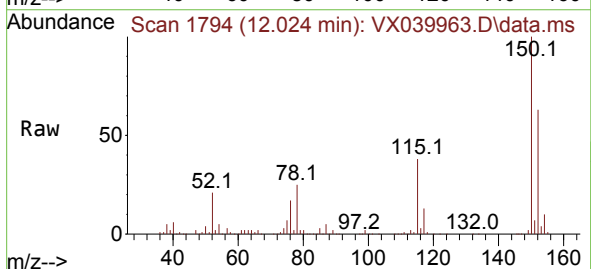
Instrument :
MSVOA_X
ClientSampleId :

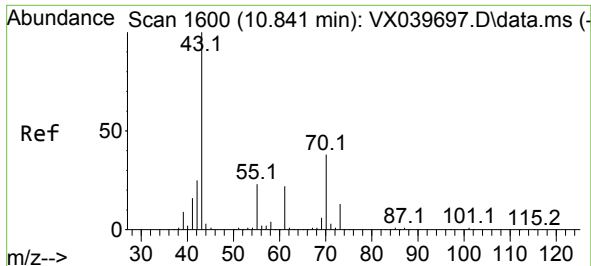
Tgt Ion:106 Resp: 586
Ion Ratio Lower Upper
106 100
91 232.6 165.5 248.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

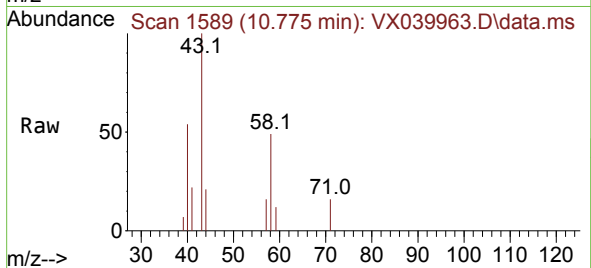
Tgt Ion:152 Resp: 67396
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 158.9 0.0 345.0





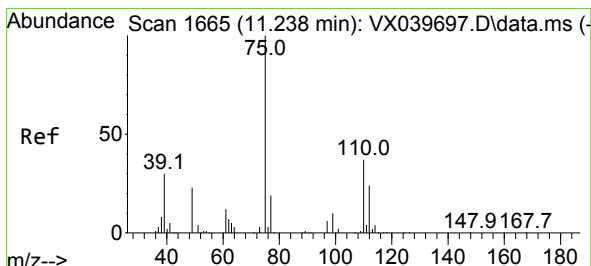
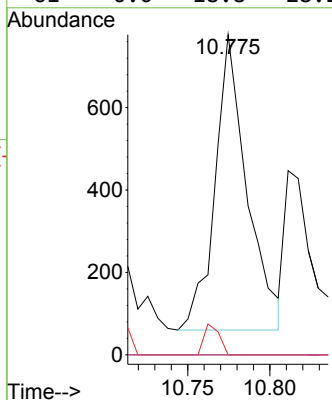
#74
N-amy1 acetate
Concen: 0.346 ug/l
RT: 10.775 min Scan# 1639
Delta R.T. -0.067 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 969

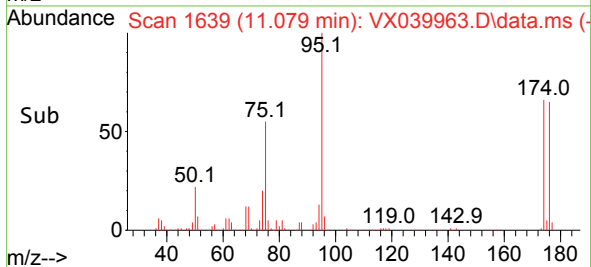
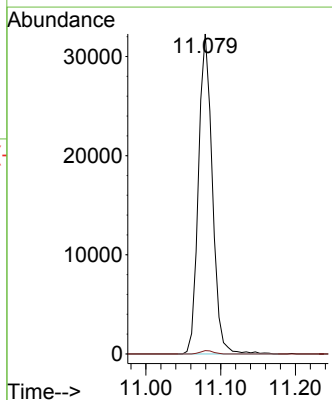
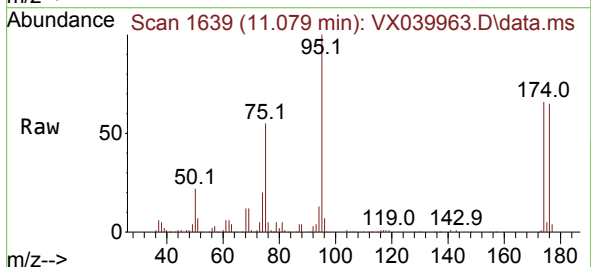
Ion	Ratio	Lower	Upper
43	100		
70	0.0	32.9	49.3#
55	5.0	19.3	28.9#
61	0.0	18.8	28.2#

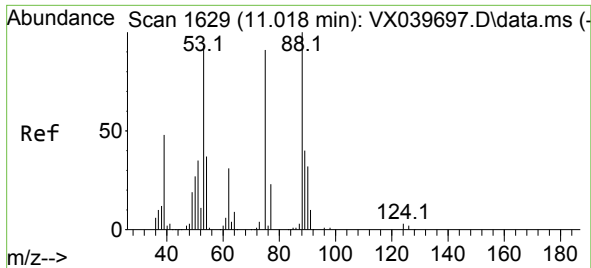


#76
1,2,3-Trichloropropane
Concen: 23.806 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX039963.D
Acq: 25 Jan 2024 18:44

Tgt Ion: 75 Resp: 41597

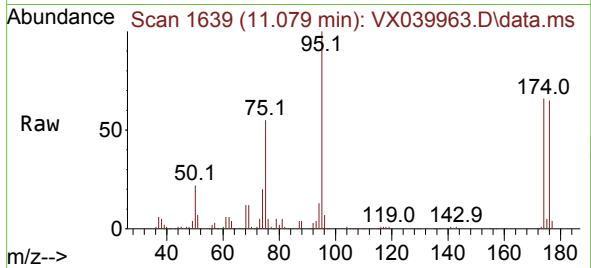
Ion	Ratio	Lower	Upper
75	100		
77	1.0	19.1	57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.476 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039963.D
 Acq: 25 Jan 2024 18:44

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 41597
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

