

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039661.D
 Acq On : 08 Jan 2024 13:12
 Operator : JC/MD
 Sample : 01056-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

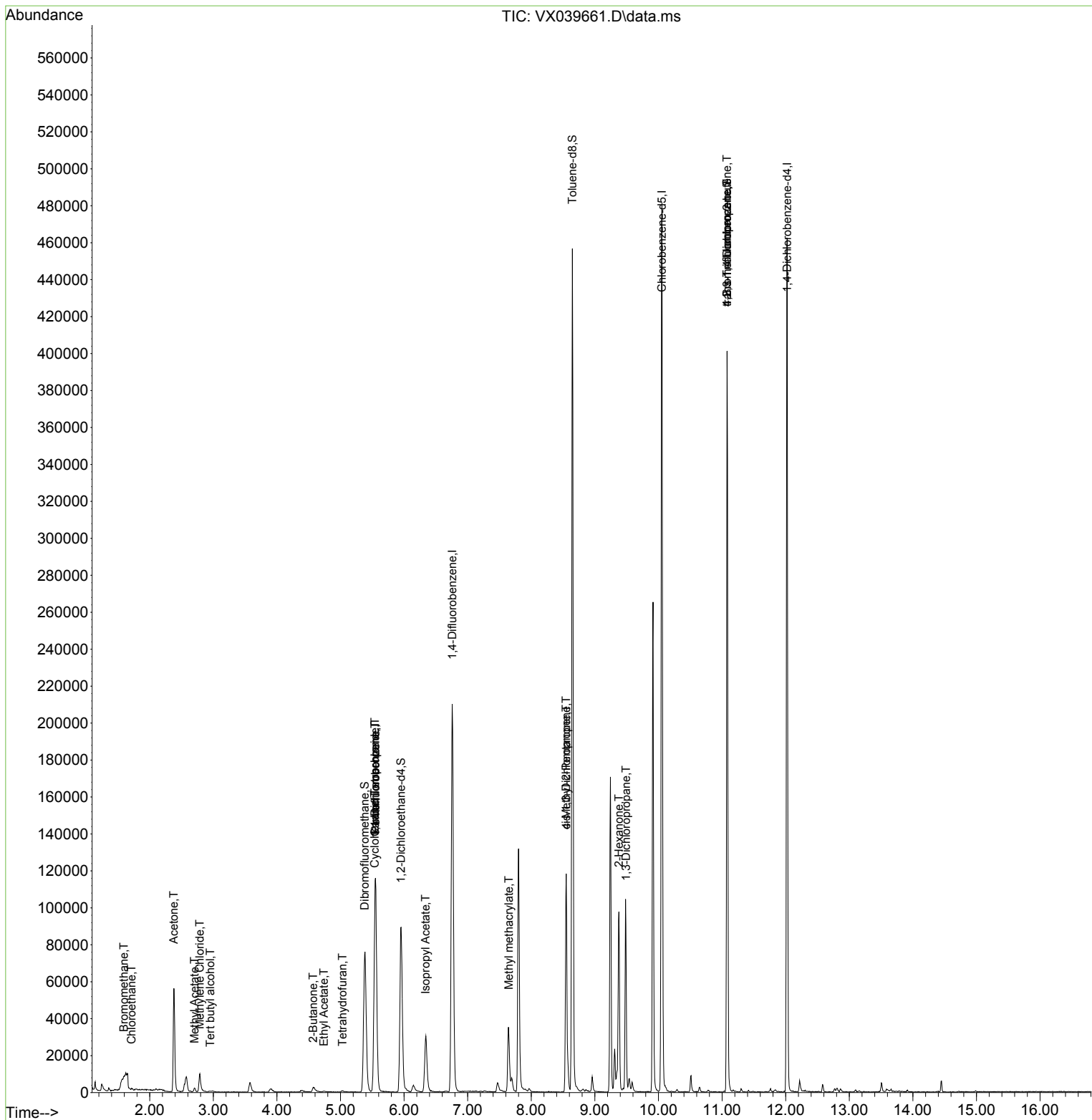
Instrument :
 MSVOA_X
 ClientSampleId :

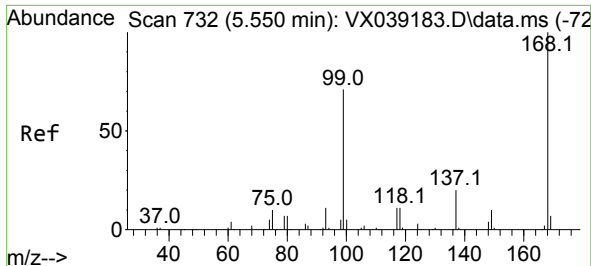
Quant Time: Jan 09 04:34:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	101512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	204996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86030	46.262	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.520%
35) Dibromofluoromethane	5.379	113	67020	47.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	8.647	98	257320	48.941	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.880%
62) 4-Bromofluorobenzene	11.079	95	108560	50.043	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	314	0.371	ug/l #	45
6) Chloroethane	1.715	64	277	0.313	ug/l #	43
11) Tert butyl alcohol	2.953	59	338	0.724	ug/l #	78
16) Acetone	2.380	43	59242	34.623	ug/l	92
18) Methyl Acetate	2.703	43	2811	0.699	ug/l	93
20) Methylene Chloride	2.788	84	5015	3.235	ug/l	92
25) 2-Butanone	4.568	43	5474	3.411	ug/l	96
29) Tetrahydrofuran	5.031	42	549	0.619	ug/l #	75
31) Cyclohexane	5.537	56	2736	1.139	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	9794	4.382	ug/l #	47
37) Ethyl Acetate	4.739	43	1321	0.478	ug/l #	69
38) Carbon Tetrachloride	5.544	117	11607	5.442	ug/l #	14
43) Isopropyl Acetate	6.336	43	42967	9.570	ug/l	99
48) Methyl methacrylate	7.647	41	1919	0.731	ug/l #	31
51) 4-Methyl-2-Pentanone	8.549	43	47459	16.590	ug/l #	46
54) cis-1,3-Dichloropropene	8.549	75	17884	6.620	ug/l #	62
57) 1,3-Dichloropropane	9.488	76	771	0.280	ug/l #	42
59) 2-Hexanone	9.378	43	71069	28.786	ug/l #	26
76) 1,2,3-Trichloropropane	11.079	75	60165	25.526	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	60165	72.010	ug/l #	5

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

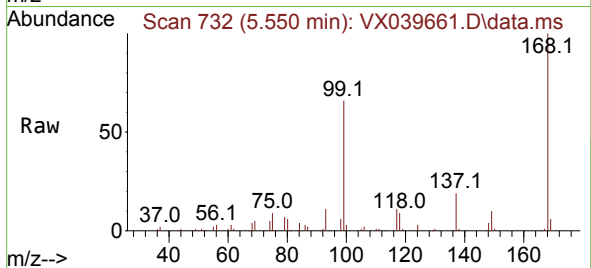
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



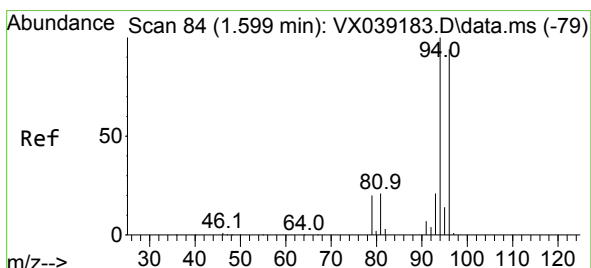
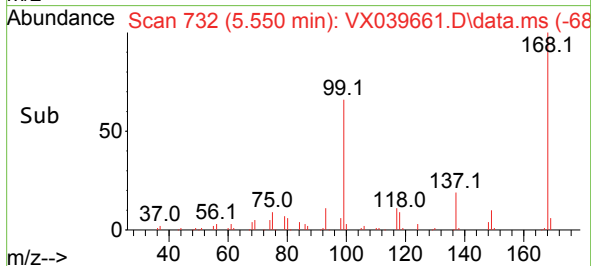
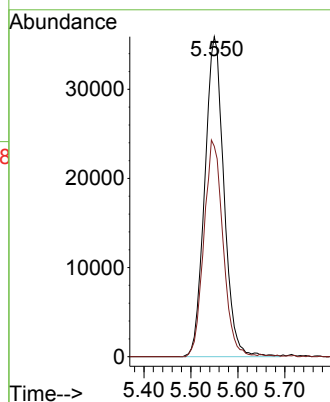


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :

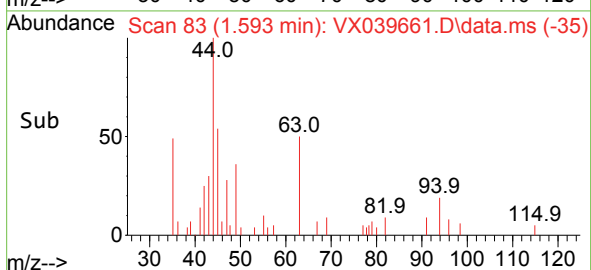
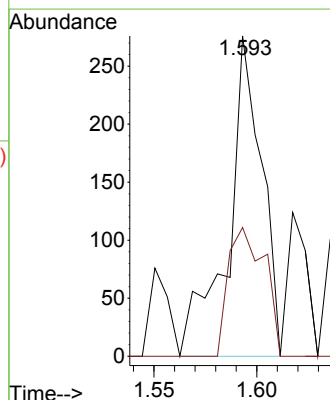
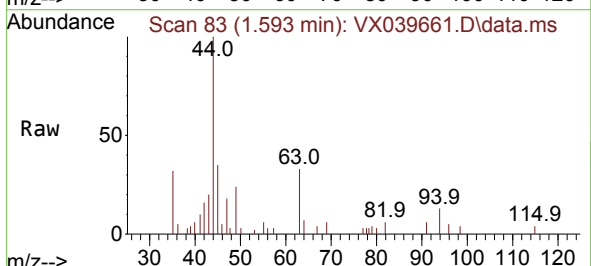


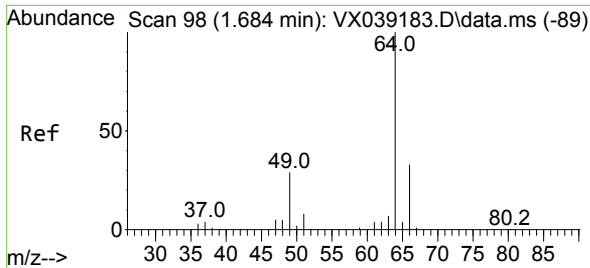
Tgt Ion:168 Resp: 101512
Ion Ratio Lower Upper
168 100
99 65.8 56.6 85.0



#5
Bromomethane
Concen: 0.371 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

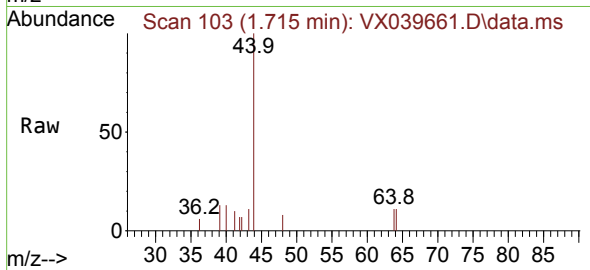
Tgt Ion: 94 Resp: 314
Ion Ratio Lower Upper
94 100
96 40.2 74.6 111.8#



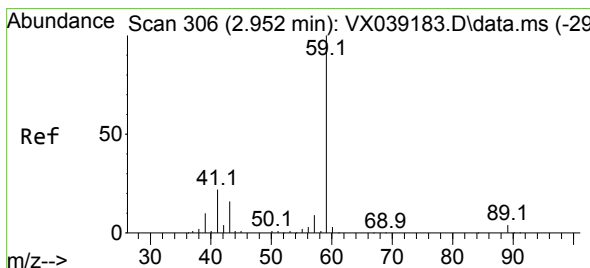
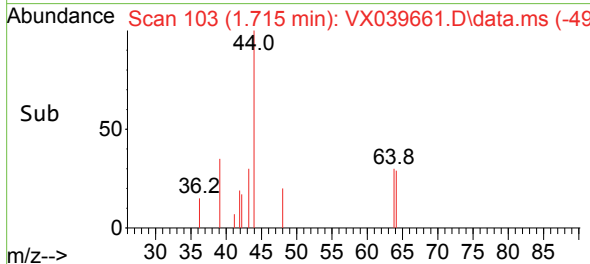
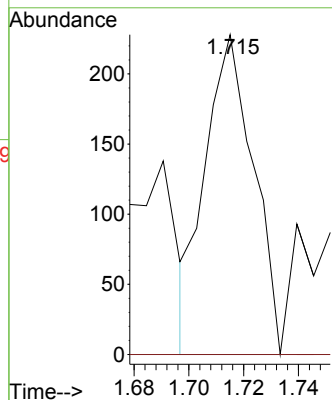


#6
Chloroethane
Concen: 0.313 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.031 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :

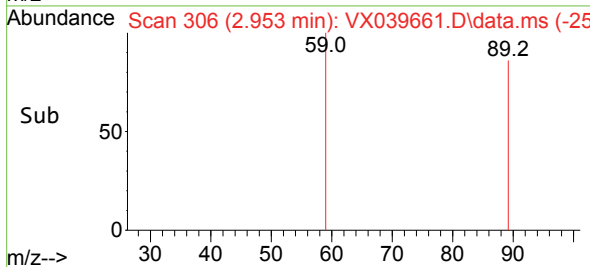
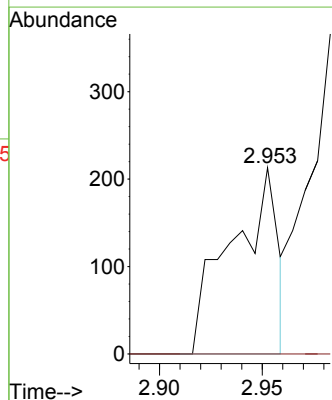
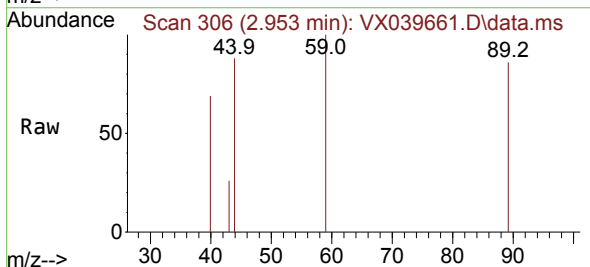


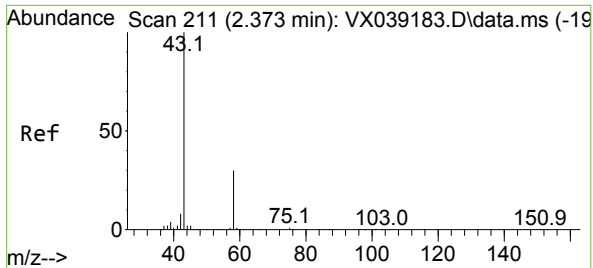
Tgt Ion: 64 Resp: 277
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 0.724 ug/l
RT: 2.953 min Scan# 306
Delta R.T. 0.000 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 59 Resp: 338
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

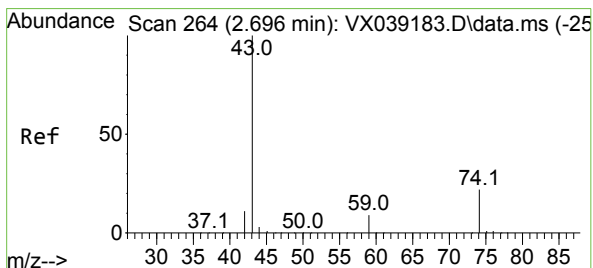
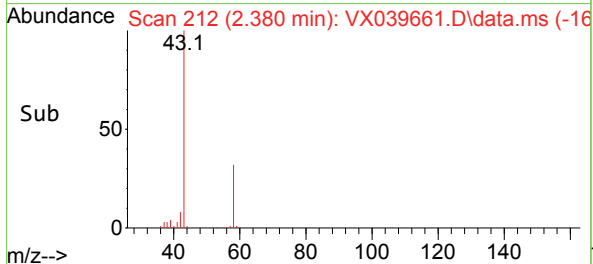
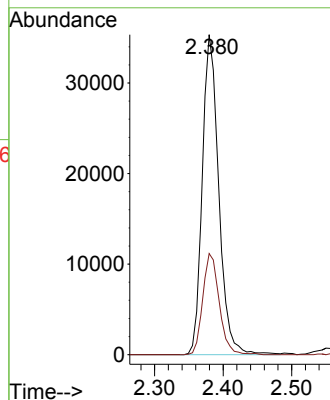
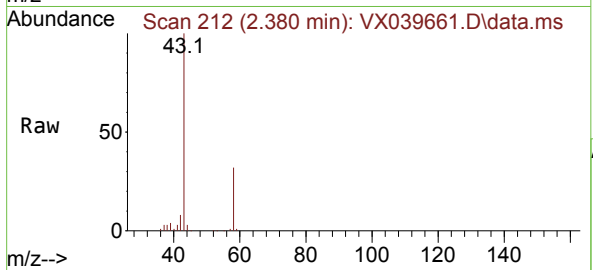




#16
Acetone
Concen: 34.623 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

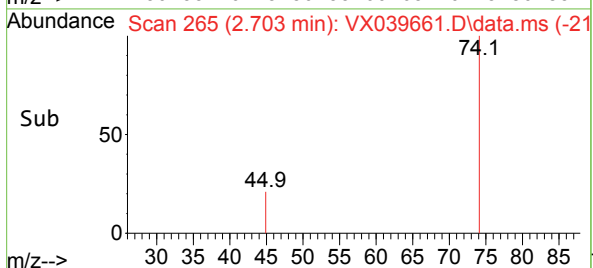
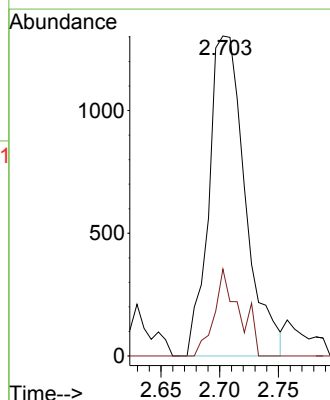
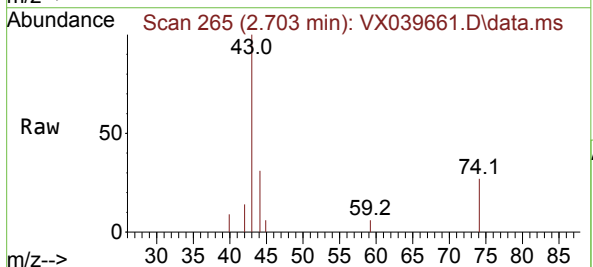
Instrument :
MSVOA_X
ClientSampleId :

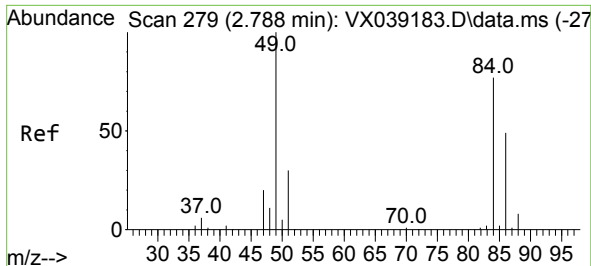
Tgt Ion: 43 Resp: 59242
Ion Ratio Lower Upper
43 100
58 31.6 21.9 32.9



#18
Methyl Acetate
Concen: 0.699 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 43 Resp: 2811
Ion Ratio Lower Upper
43 100
74 18.7 17.8 26.8





#20

Methylene Chloride

Concen: 3.235 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

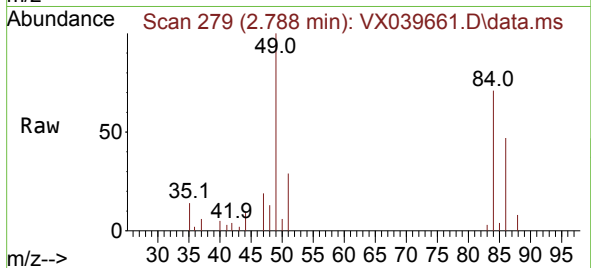
Lab File: VX039661.D

Acq: 08 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 5015

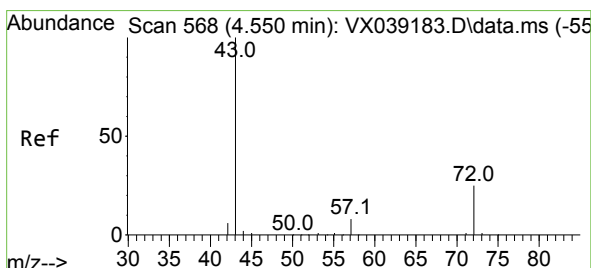
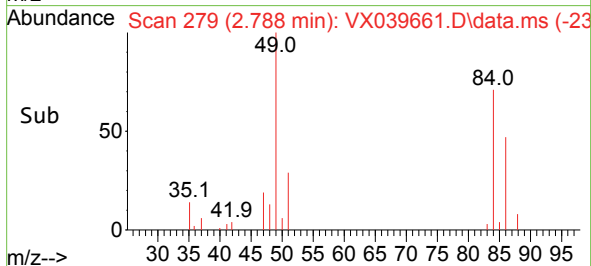
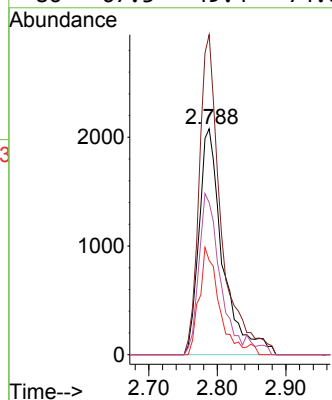
Ion Ratio Lower Upper

84 100

49 141.7 103.6 155.4

51 41.8 33.8 50.6

86 67.3 49.4 74.0



#25

2-Butanone

Concen: 3.411 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.018 min

Lab File: VX039661.D

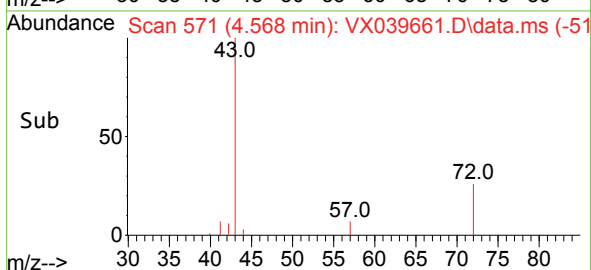
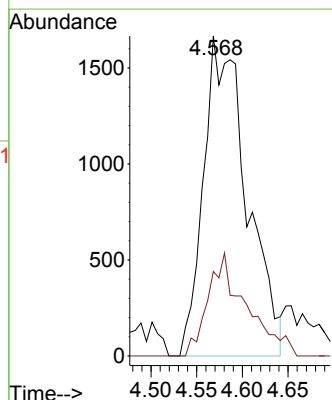
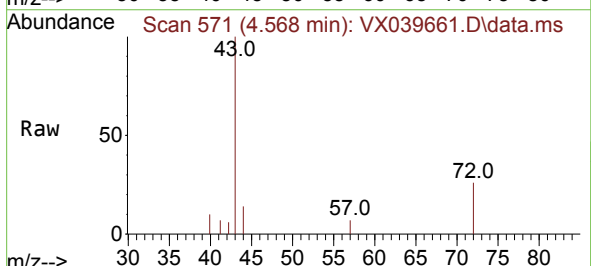
Acq: 08 Jan 2024 13:12

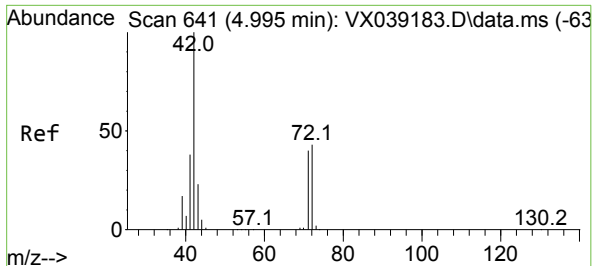
Tgt Ion: 43 Resp: 5474

Ion Ratio Lower Upper

43 100

72 26.4 19.4 29.2





#29

Tetrahydrofuran

Concen: 0.619 ug/l

RT: 5.031 min Scan# 641

Delta R.T. 0.037 min

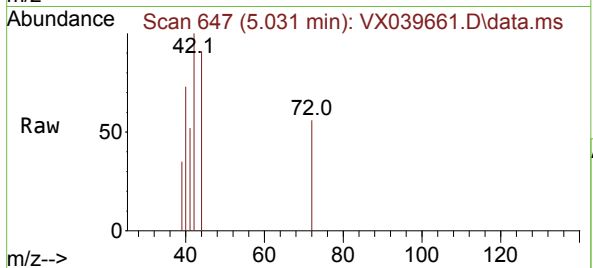
Lab File: VX039661.D

Acq: 08 Jan 2024 13:12

Instrument :

MSVOA_X

ClientSampleId :



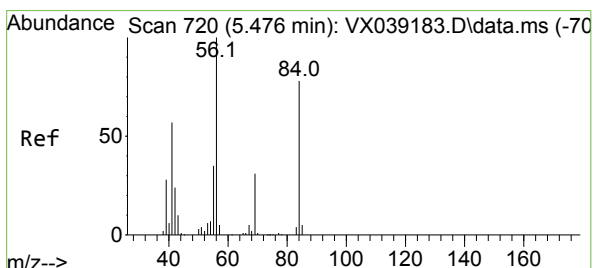
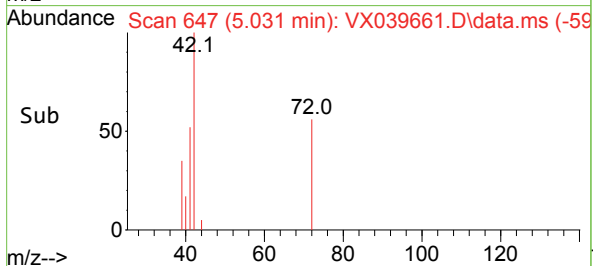
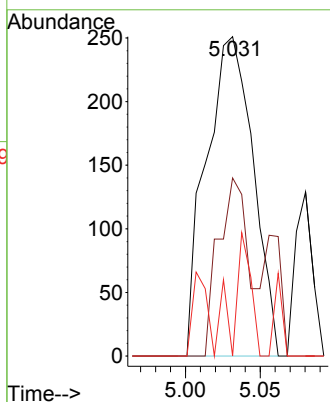
Tgt Ion: 42 Resp: 549

Ion Ratio Lower Upper

42 100

72 37.2 34.2 51.4

71 14.6 32.2 48.2#



#31

Cyclohexane

Concen: 1.139 ug/l

RT: 5.537 min Scan# 730

Delta R.T. 0.061 min

Lab File: VX039661.D

Acq: 08 Jan 2024 13:12

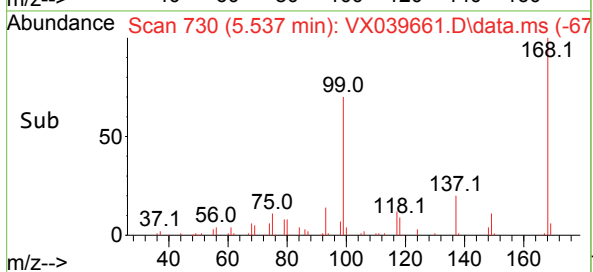
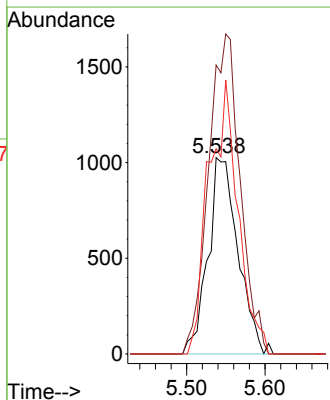
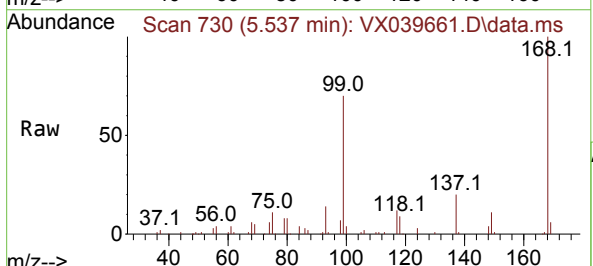
Tgt Ion: 56 Resp: 2736

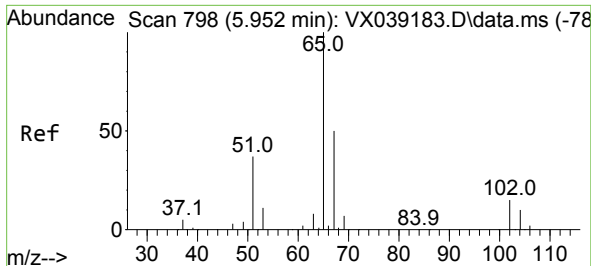
Ion Ratio Lower Upper

56 100

69 147.2 23.4 35.2#

84 104.6 65.9 98.9#

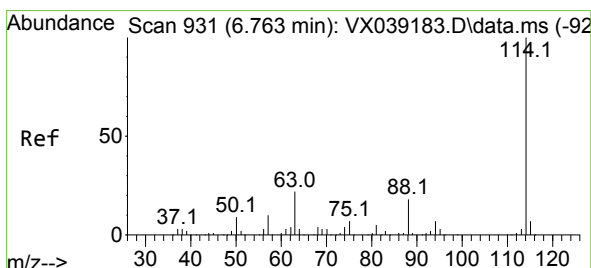
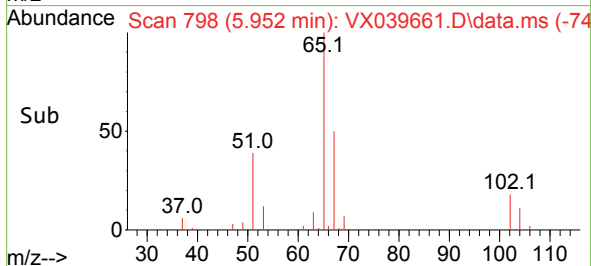
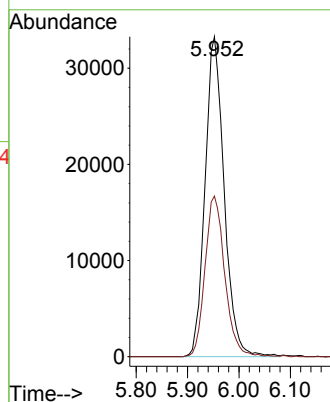
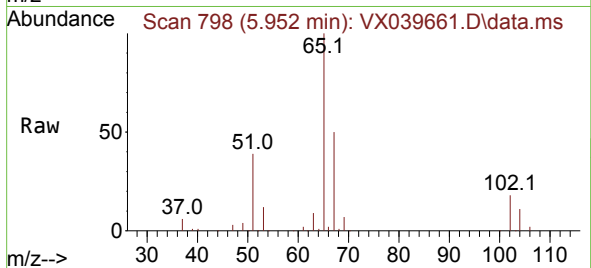




#33
1,2-Dichloroethane-d4
Concen: 46.262 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

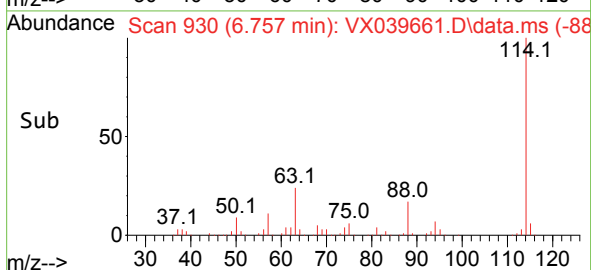
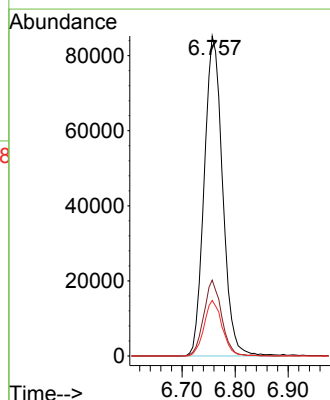
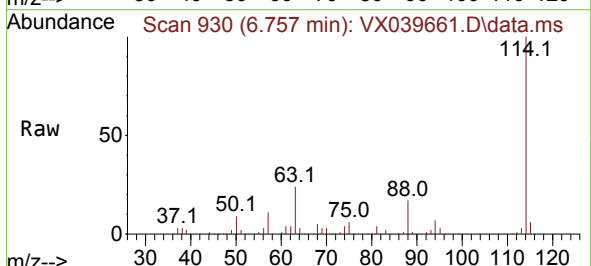
Instrument :
MSVOA_X
ClientSampleId :

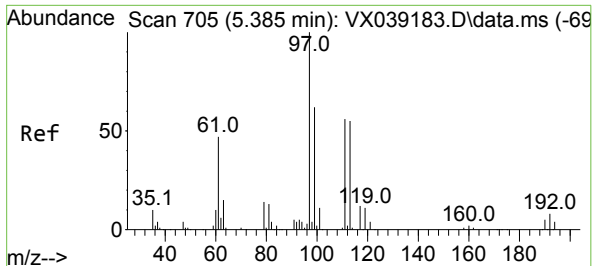
Tgt Ion: 65 Resp: 86030
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

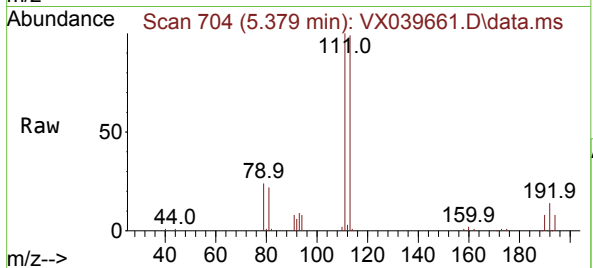
Tgt Ion: 114 Resp: 204996
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.0
88 17.4 0.0 36.6



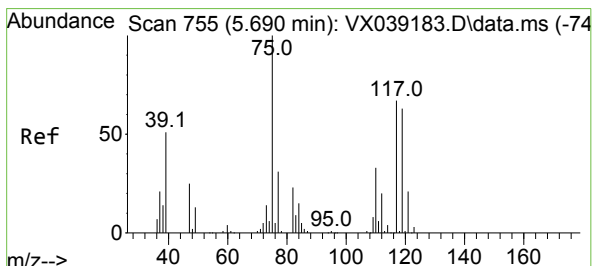
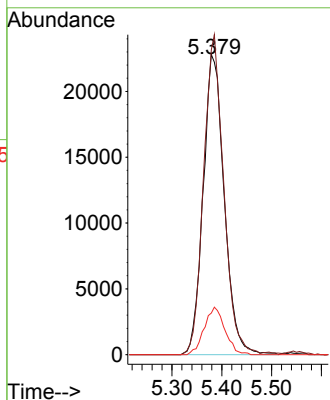
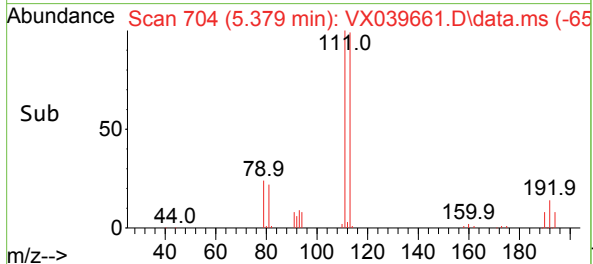


#35
Dibromofluoromethane
Concen: 47.324 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :

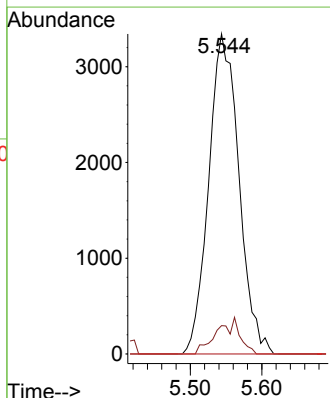
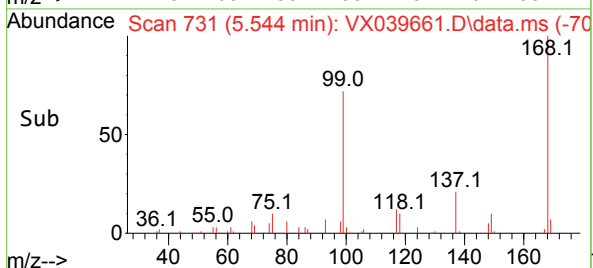
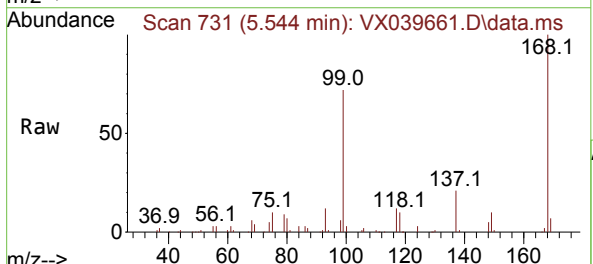


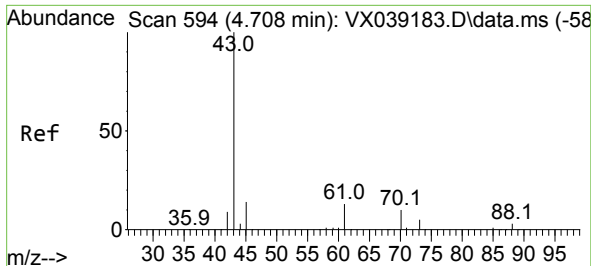
Tgt Ion:113 Resp: 67020
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 15.5 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.382 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 75 Resp: 9794
Ion Ratio Lower Upper
75 100
110 5.6 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.478 ug/l

RT: 4.739 min Scan# 594

Delta R.T. 0.031 min

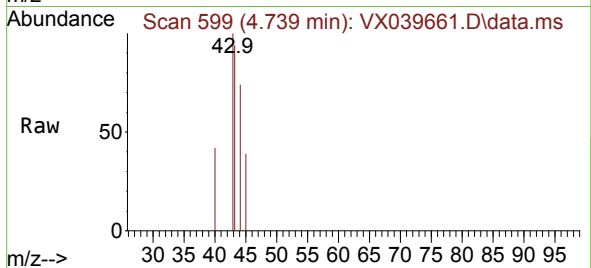
Lab File: VX039661.D

Acq: 08 Jan 2024 13:12

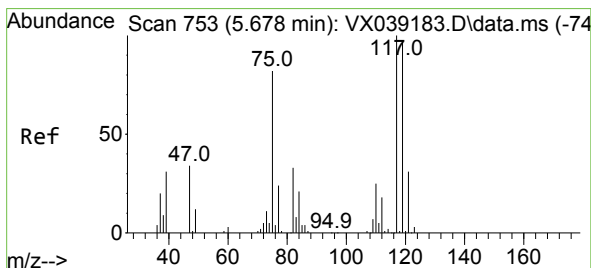
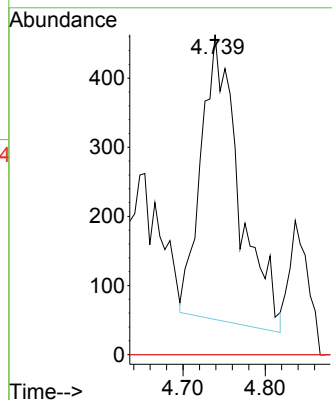
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43	Resp: 1321
Ion Ratio	Lower Upper
43	100
61	0.0 10.6 16.0#
70	0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 5.442 ug/l

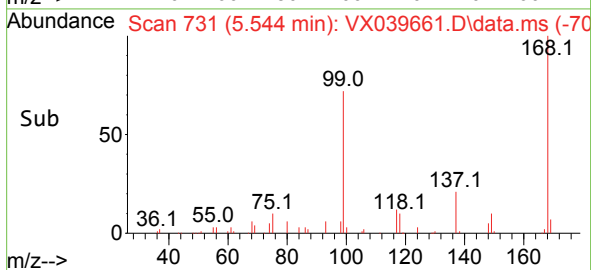
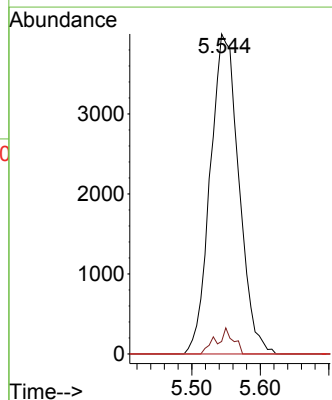
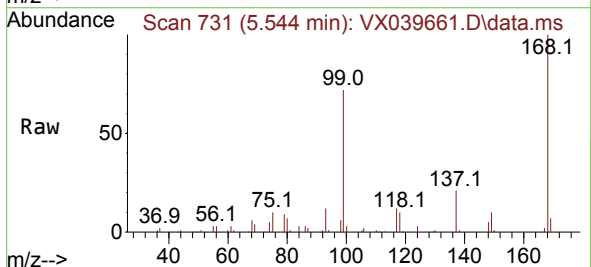
RT: 5.544 min Scan# 731

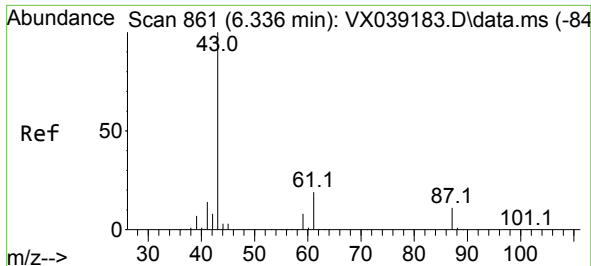
Delta R.T. -0.134 min

Lab File: VX039661.D

Acq: 08 Jan 2024 13:12

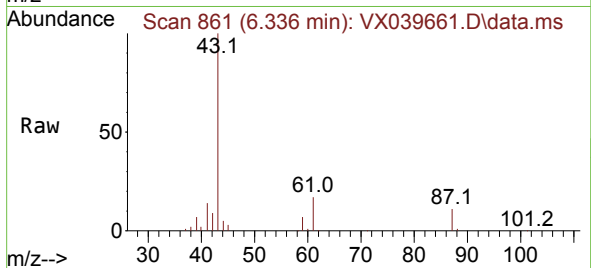
Tgt Ion: 117	Resp: 11607
Ion Ratio	Lower Upper
117	100
119	3.9 78.2 117.2#
121	0.0 24.4 36.6#



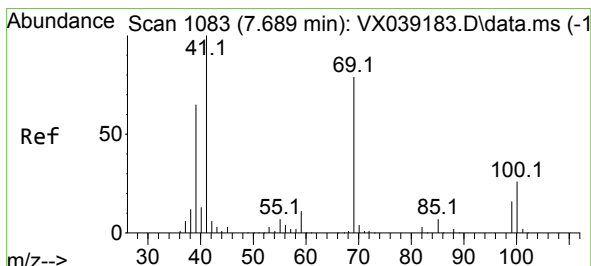
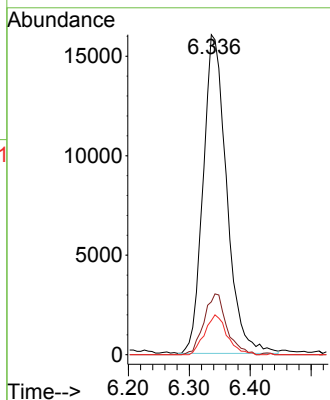
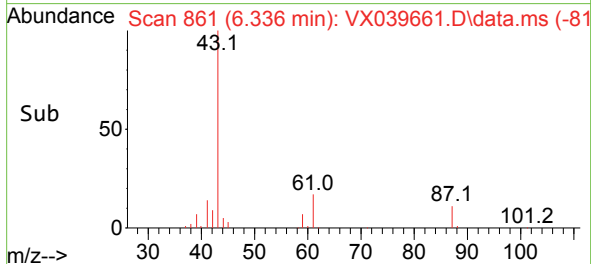


#43
Isopropyl Acetate
Concen: 9.570 ug/l
RT: 6.336 min Scan# 80
Delta R.T. 0.000 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :

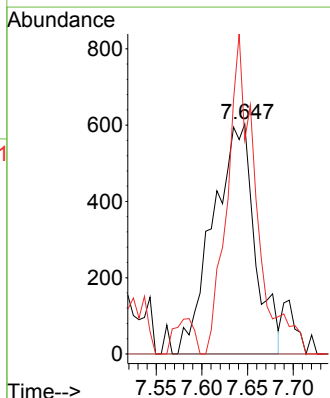
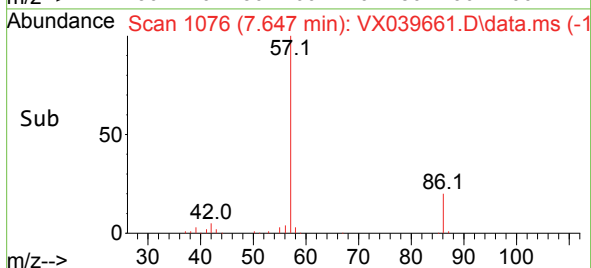
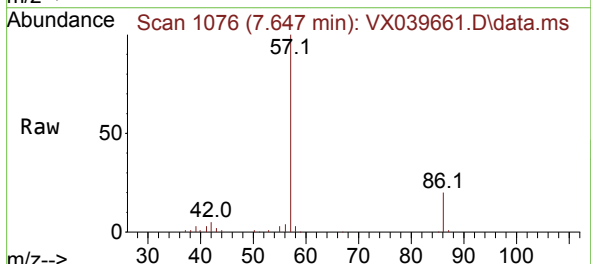


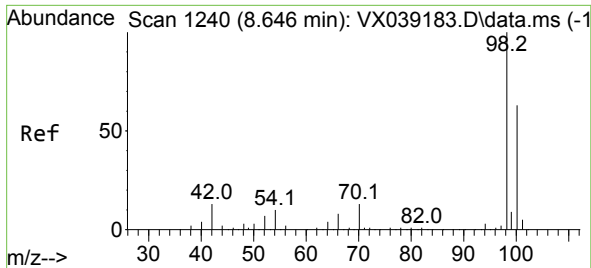
Tgt Ion: 43 Resp: 42967
Ion Ratio Lower Upper
43 100
61 18.4 15.2 22.8
87 11.9 9.8 14.6



#48
Methyl methacrylate
Concen: 0.731 ug/l
RT: 7.647 min Scan# 1076
Delta R.T. -0.042 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 41 Resp: 1919
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 94.8 47.7 71.5#

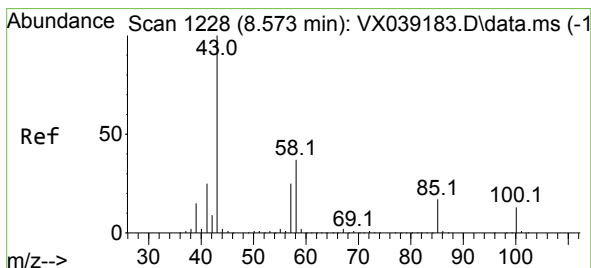
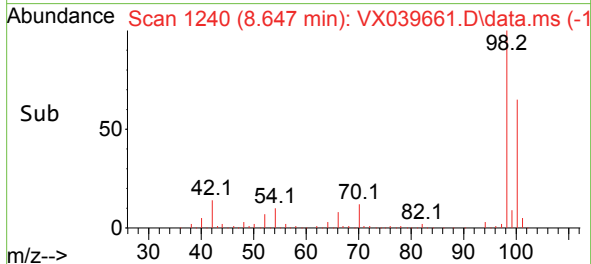
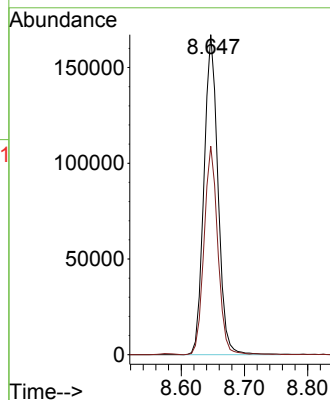
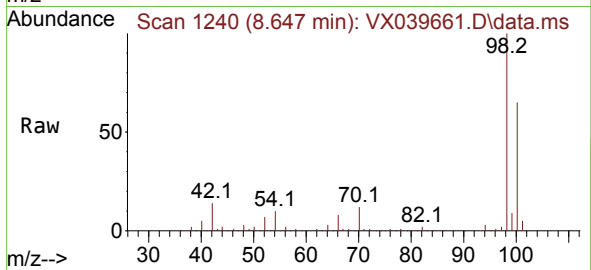




#50
Toluene-d8
Concen: 48.941 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

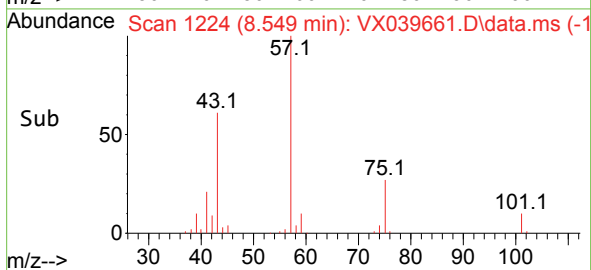
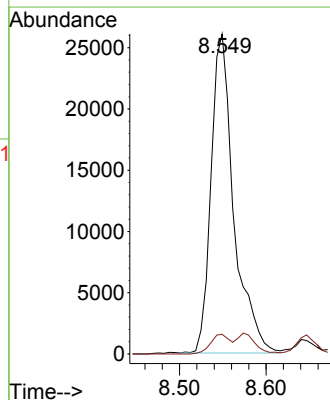
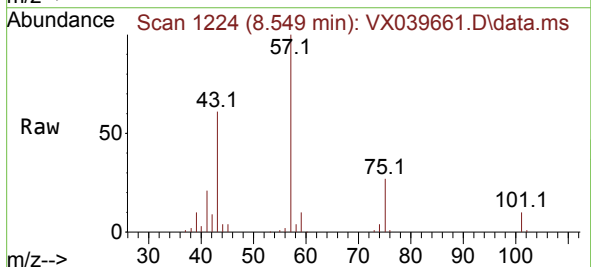
Instrument :
MSVOA_X
ClientSampleId :

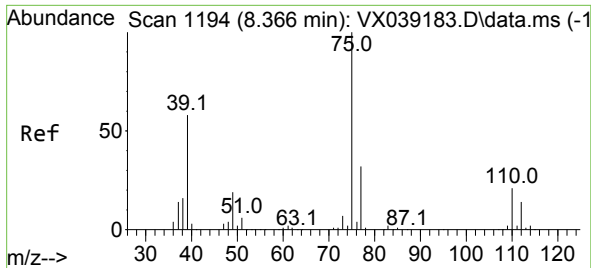
Tgt Ion: 98 Resp: 257320
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 16.590 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

Tgt Ion: 43 Resp: 47459
Ion Ratio Lower Upper
43 100
58 5.4 30.4 45.6#

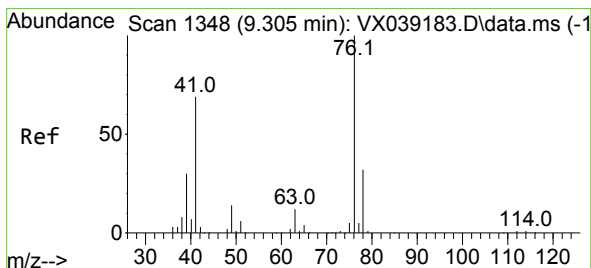
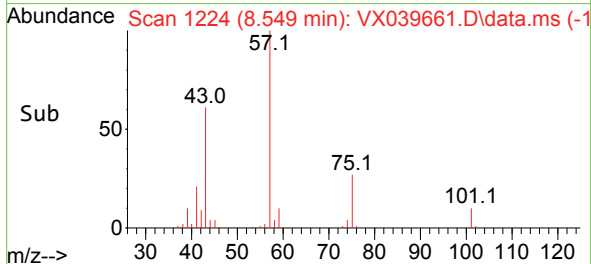
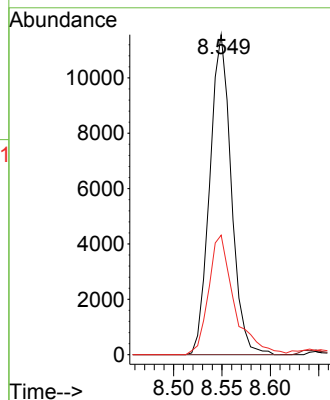
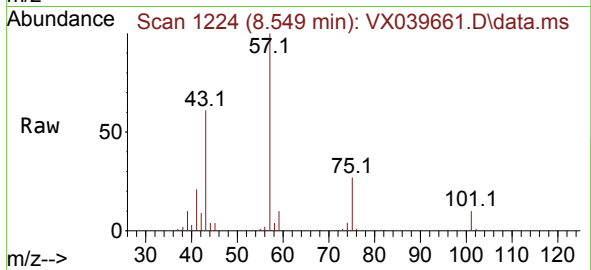




#54
 cis-1,3-Dichloropropene
 Concen: 6.620 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX039661.D
 Acq: 08 Jan 2024 13:12

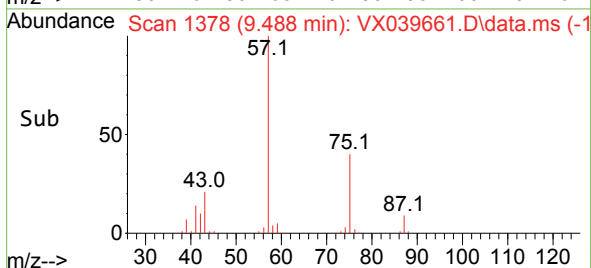
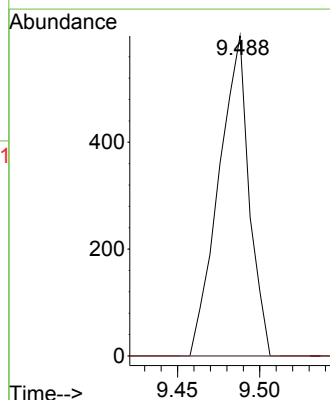
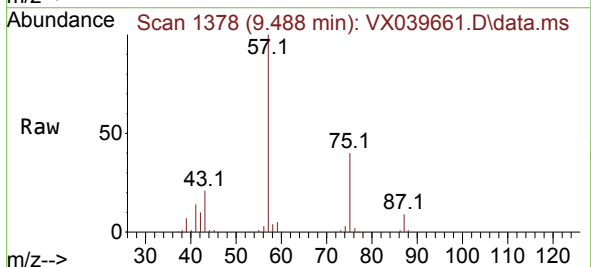
Instrument :
 MSVOA_X
 ClientSampleId :

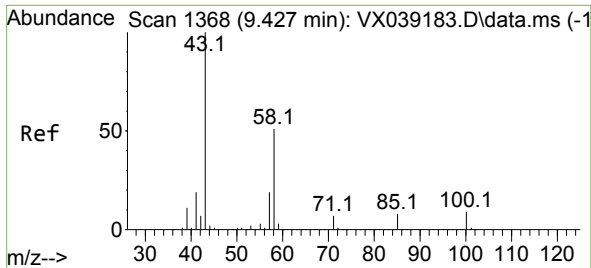
Tgt Ion: 75 Resp: 17884
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.3 37.9#
 39 37.3 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 0.280 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.183 min
 Lab File: VX039661.D
 Acq: 08 Jan 2024 13:12

Tgt Ion: 76 Resp: 771
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#

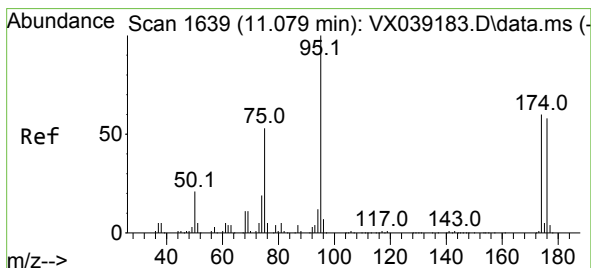
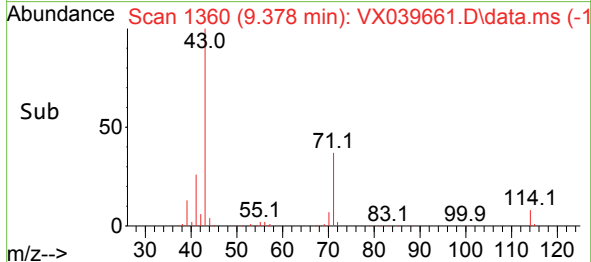
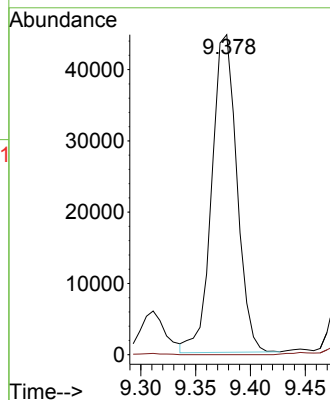
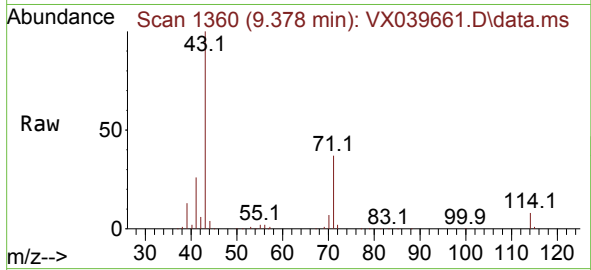




#59
2-Hexanone
Concen: 28.786 ug/l
RT: 9.378 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

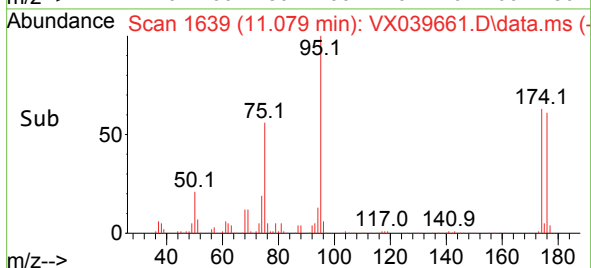
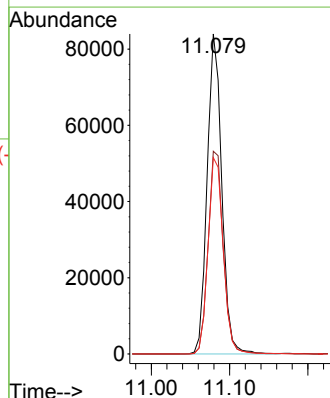
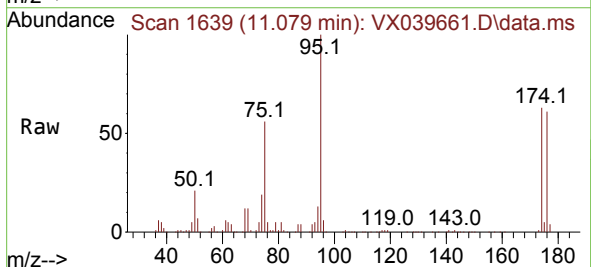
Instrument :
MSVOA_X
ClientSampleId :

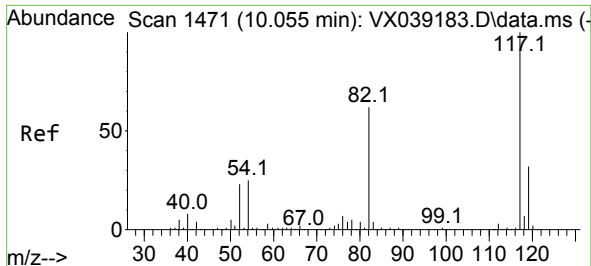
Tgt Ion: 43 Resp: 71069
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 50.043 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

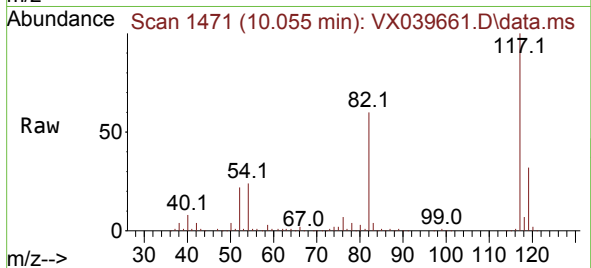
Tgt Ion: 95 Resp: 108560
Ion Ratio Lower Upper
95 100
174 65.5 0.0 135.6
176 63.9 0.0 131.0



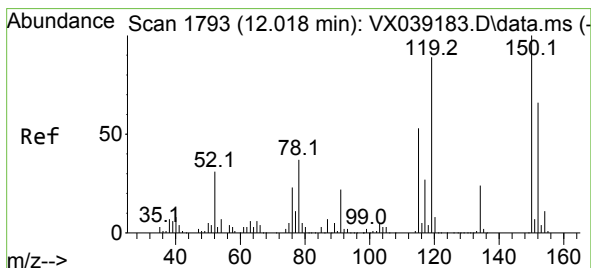
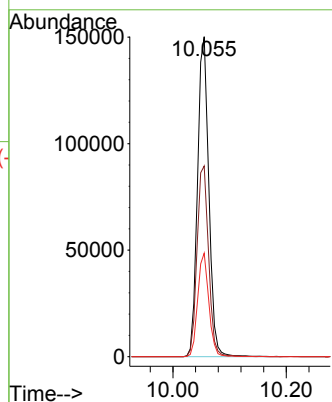
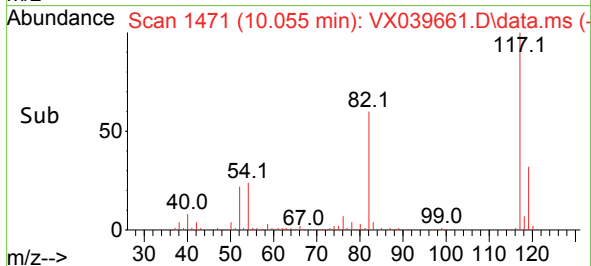


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

Instrument :
MSVOA_X
ClientSampleId :

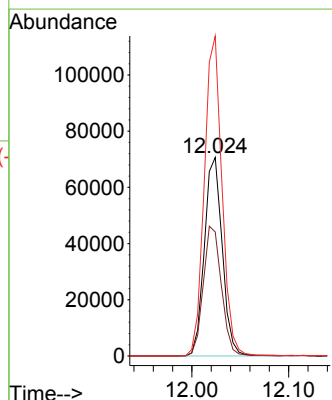
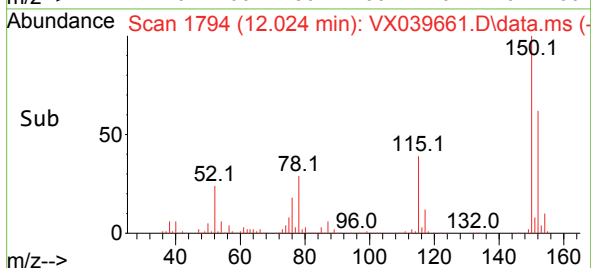
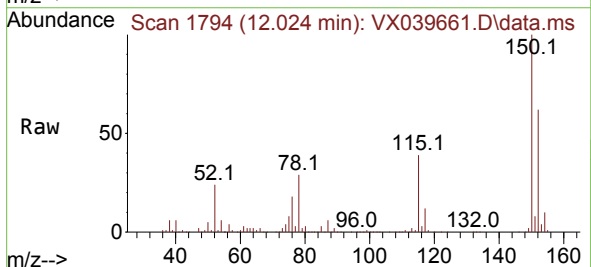


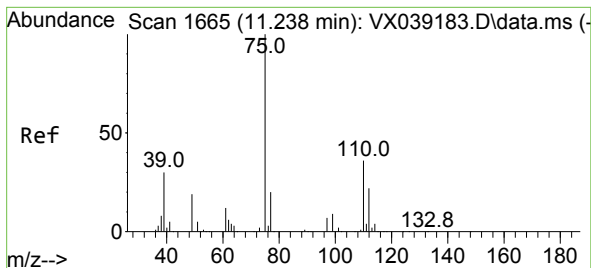
Tgt Ion:117 Resp: 207273
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039661.D
Acq: 08 Jan 2024 13:12

Tgt Ion:152 Resp: 91102
Ion Ratio Lower Upper
152 100
115 66.2 43.3 129.9
150 159.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 25.526 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039661.D

Acq: 08 Jan 2024 13:12

Instrument :

MSVOA_X

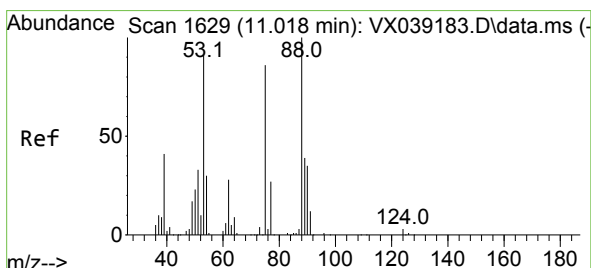
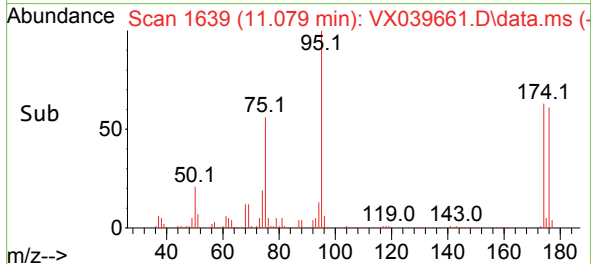
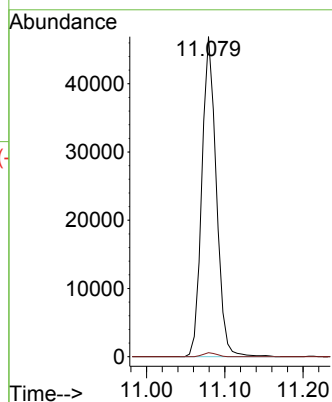
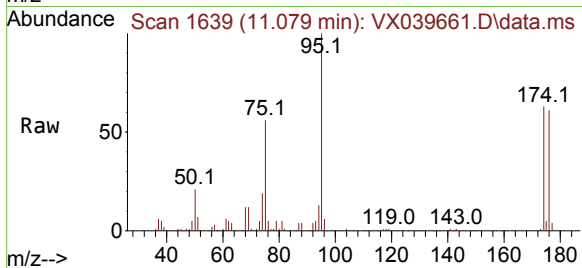
ClientSampleId :

Tgt Ion: 75 Resp: 60165

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.010 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039661.D

Acq: 08 Jan 2024 13:12

Tgt Ion: 75 Resp: 60165

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

