

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041261.D
 Acq On : 26 Apr 2024 16:04
 Operator : JC/MD
 Sample : P2261-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

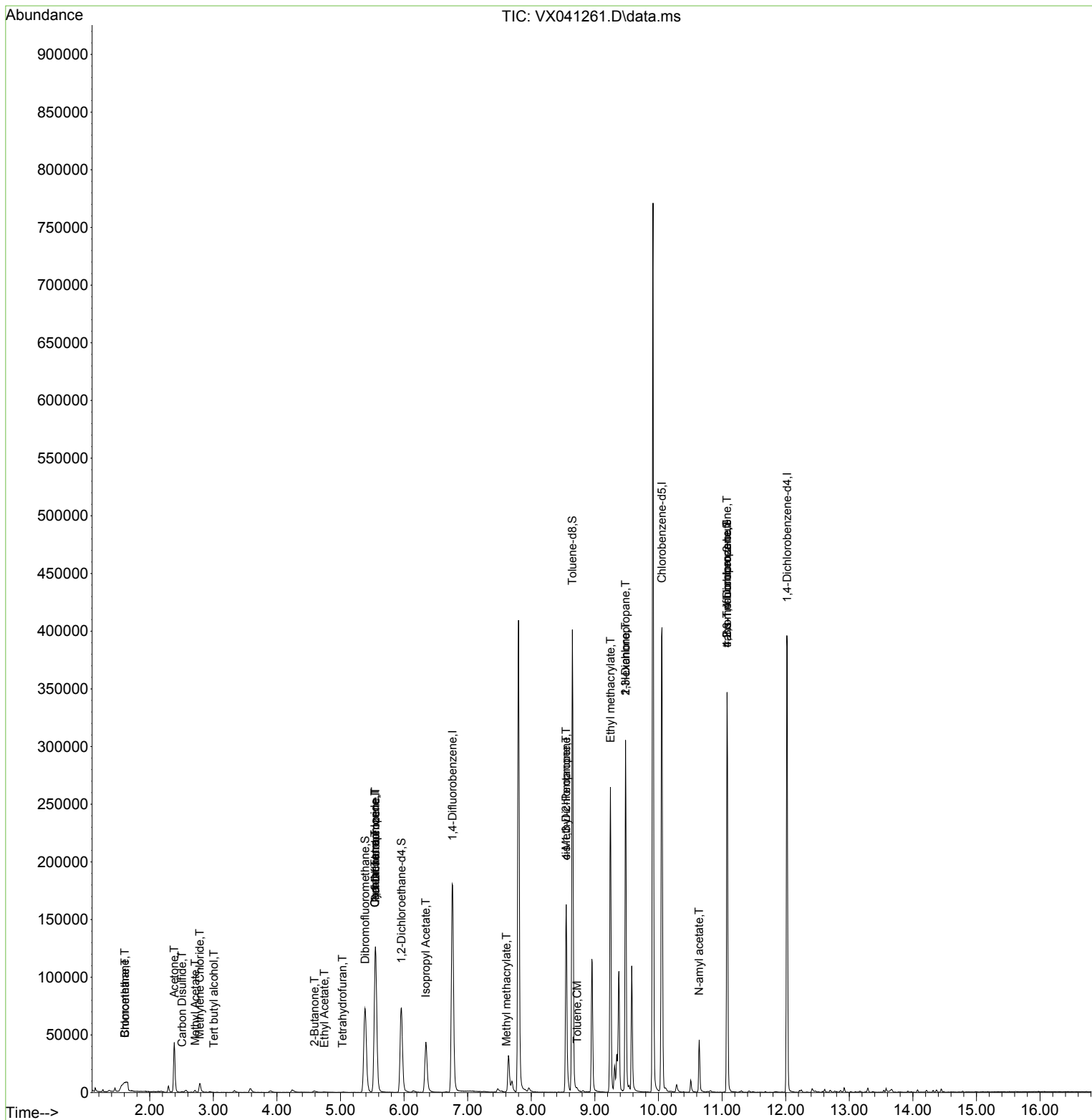
Quant Time: Apr 27 02:19:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

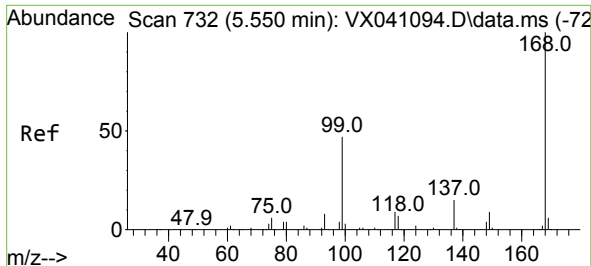
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	135390	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	195222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	189230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72736	56.437	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.880%	
35) Dibromofluoromethane	5.385	113	62644	52.752	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.500%	
50) Toluene-d8	8.647	98	231842	57.866	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 115.740%#	
62) 4-Bromofluorobenzene	11.079	95	81828	55.334	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.660%	
Target Compounds						
						Qvalue
5) Bromomethane	1.605	94	417	0.639	ug/l	# 71
6) Chloroethane	1.611	64	208	0.472	ug/l	# 43
11) Tert butyl alcohol	3.008	59	367	1.589	ug/l	# 78
16) Acetone	2.386	43	46090	98.247	ug/l	97
17) Carbon Disulfide	2.508	76	758	0.368	ug/l	# 76
18) Methyl Acetate	2.715	43	2216	1.597	ug/l	94
20) Methylene Chloride	2.788	84	4392	3.833	ug/l	# 84
25) 2-Butanone	4.593	43	3006	3.752	ug/l	92
29) Tetrahydrofuran	5.032	42	348	0.638	ug/l	# 49
31) Cyclohexane	5.544	56	2296	1.324	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8223	5.412	ug/l	# 52
37) Ethyl Acetate	4.745	43	1440	0.864	ug/l	# 69
38) Carbon Tetrachloride	5.544	117	11668	6.875	ug/l	# 15
43) Isopropyl Acetate	6.342	43	61849	23.031	ug/l	98
48) Methyl methacrylate	7.610	41	1384	1.090	ug/l	# 16
51) 4-Methyl-2-Pentanone	8.549	43	58938	35.063	ug/l	# 51
52) Toluene	8.720	92	845	0.286	ug/l	92
54) cis-1,3-Dichloropropene	8.549	75	26184	15.184	ug/l	# 61
56) Ethyl methacrylate	9.244	69	648	0.367	ug/l	# 1
57) 1,3-Dichloropropane	9.482	76	2680	1.403	ug/l	# 42
59) 2-Hexanone	9.482	43	36813	28.560	ug/l	# 52
74) N-amyl acetate	10.640	43	11121	4.931	ug/l	# 53
76) 1,2,3-Trichloropropane	11.079	75	43036	28.958	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	43036	81.701	ug/l	# 5

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

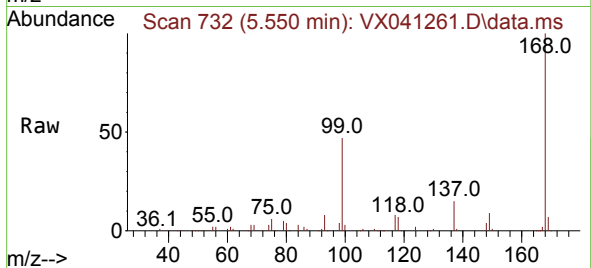
Quant Time: Apr 27 02:19:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



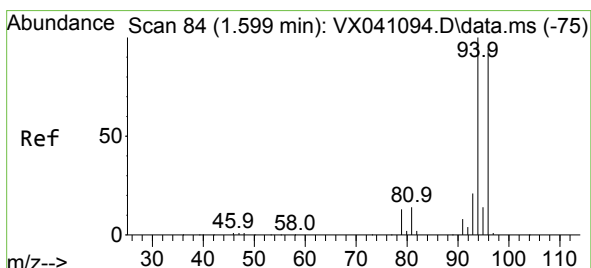
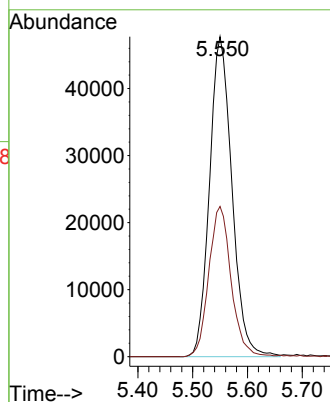
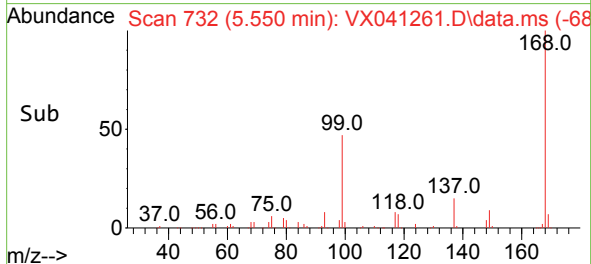


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

Instrument :
MSVOA_X
ClientSampleId :

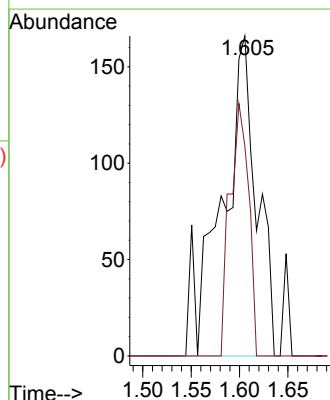
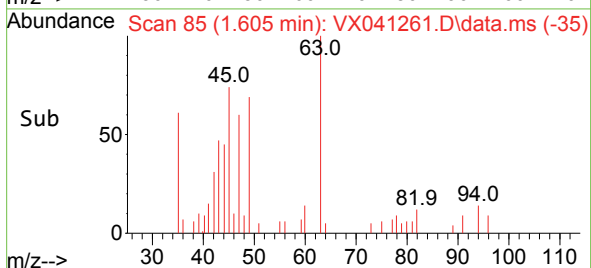
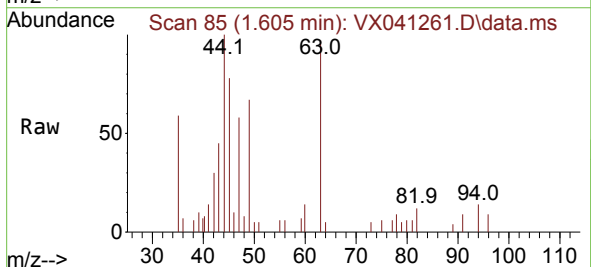


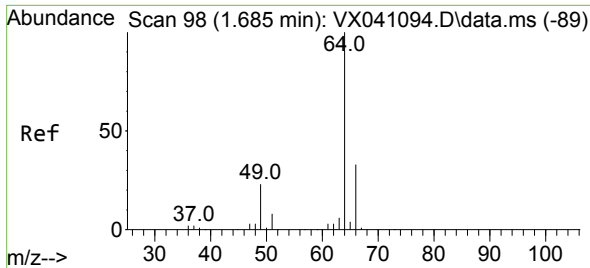
Tgt Ion:168 Resp: 135390
Ion Ratio Lower Upper
168 100
99 47.0 56.6 85.0#



#5
Bromomethane
Concen: 0.639 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

Tgt Ion: 94 Resp: 417
Ion Ratio Lower Upper
94 100
96 65.7 74.6 111.8#

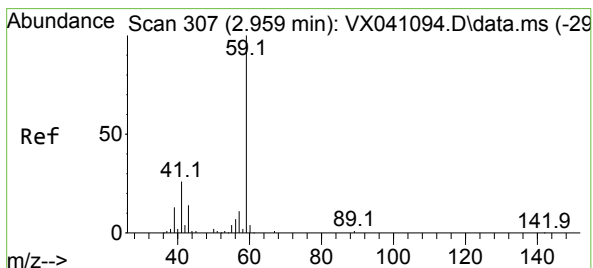
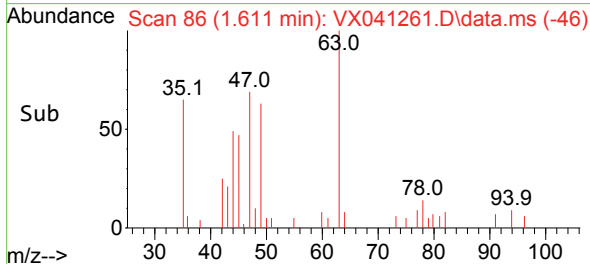
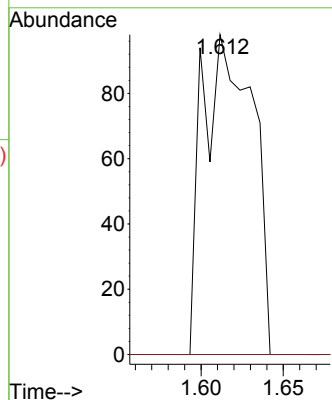
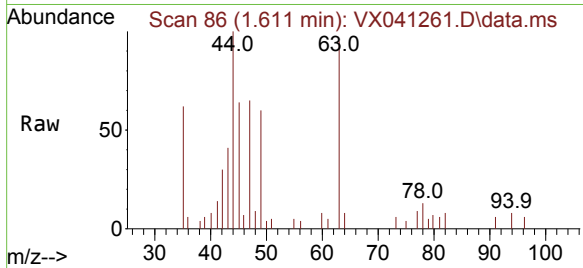




#6
Chloroethane
Concen: 0.472 ug/l
RT: 1.611 min Scan# 80
Delta R.T. -0.055 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

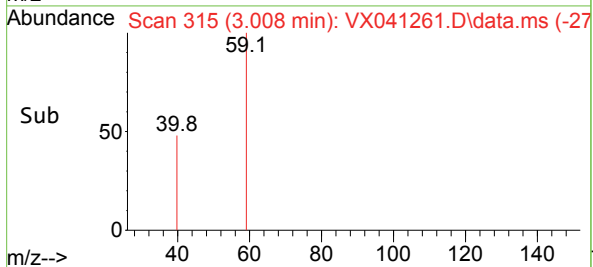
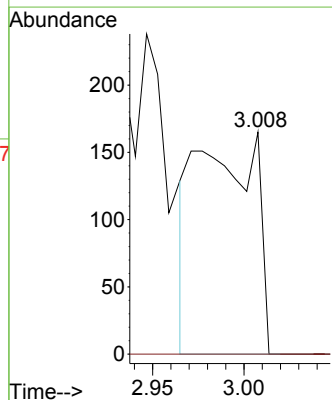
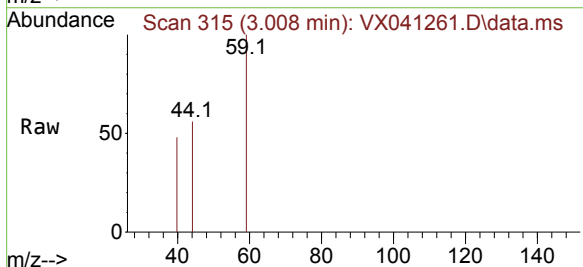
Instrument :
MSVOA_X
ClientSampleId :

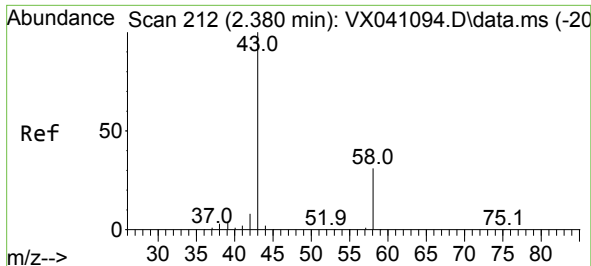
Tgt Ion: 64 Resp: 208
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.589 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.055 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

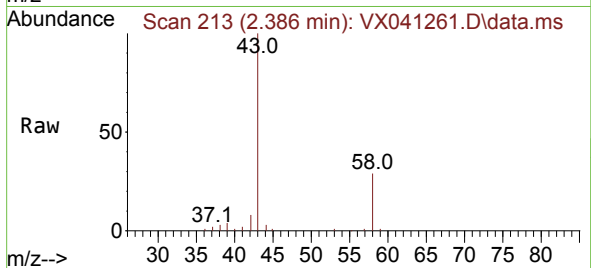
Tgt Ion: 59 Resp: 367
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



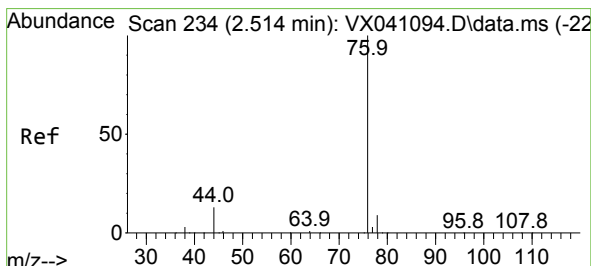
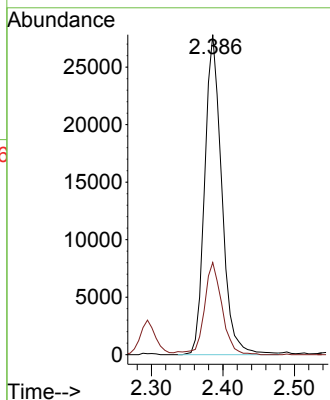
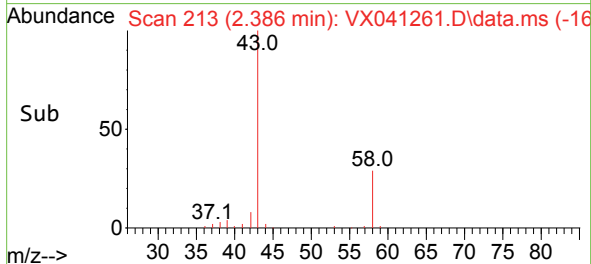


#16
Acetone
Concen: 98.247 ug/l
RT: 2.386 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

Instrument :
MSVOA_X
ClientSampleId :

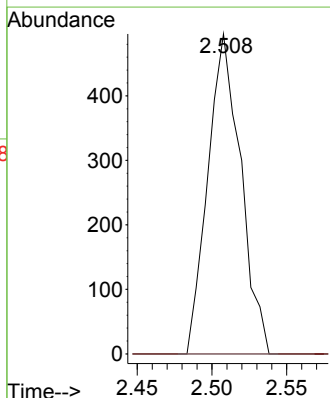
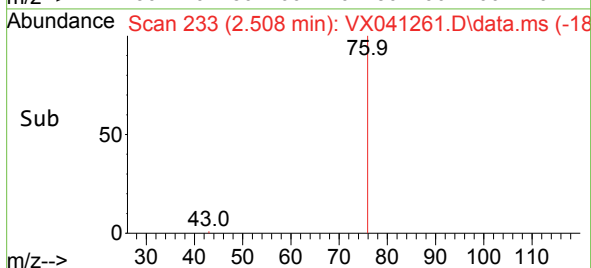
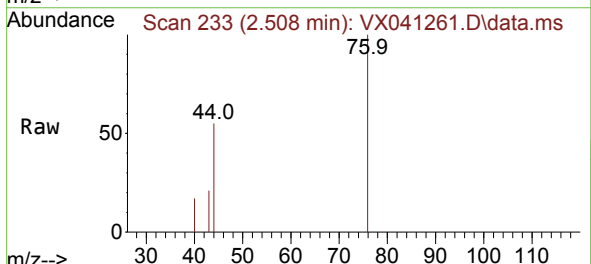


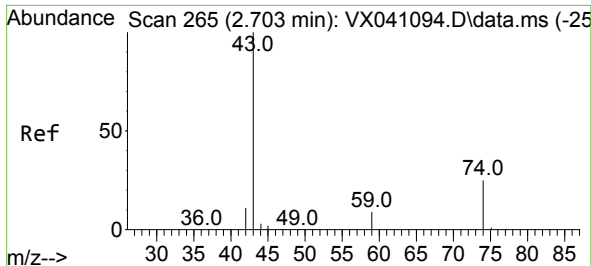
Tgt Ion: 43 Resp: 46090
Ion Ratio Lower Upper
43 100
58 28.8 21.9 32.9



#17
Carbon Disulfide
Concen: 0.368 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

Tgt Ion: 76 Resp: 758
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#





#18

Methyl Acetate

Concen: 1.597 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.006 min

Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

Instrument :

MSVOA_X

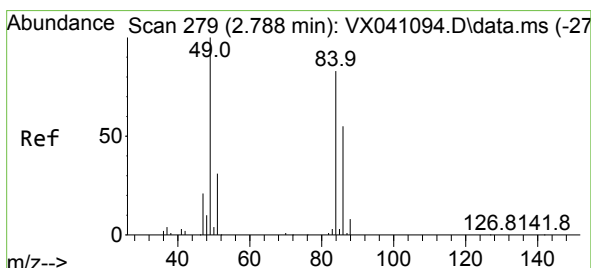
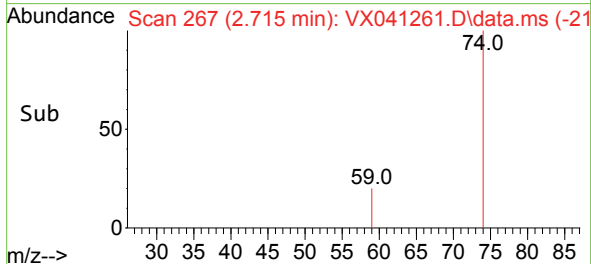
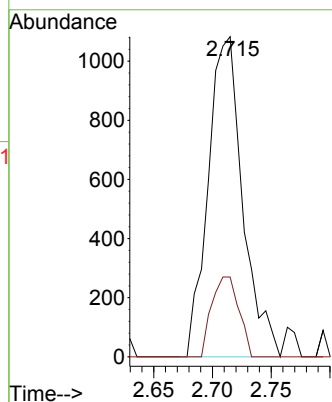
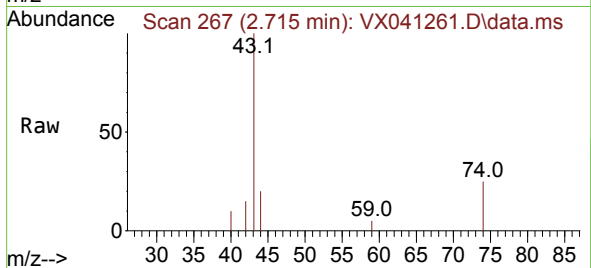
ClientSampleId :

Tgt Ion: 43 Resp: 2216

Ion Ratio Lower Upper

43 100

74 19.5 17.8 26.8



#20

Methylene Chloride

Concen: 3.833 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

Tgt Ion: 84 Resp: 4392

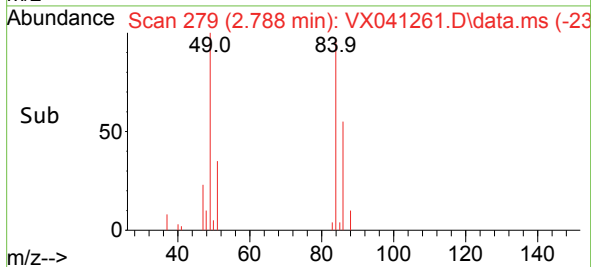
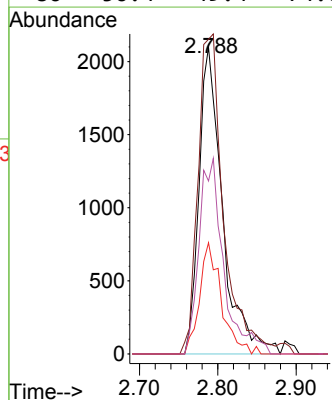
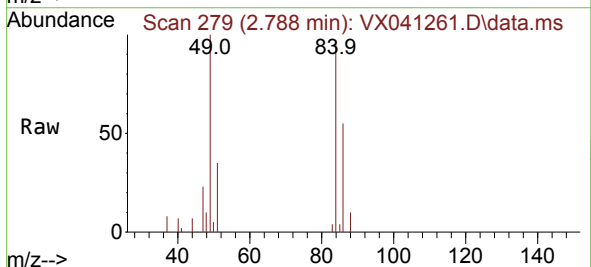
Ion Ratio Lower Upper

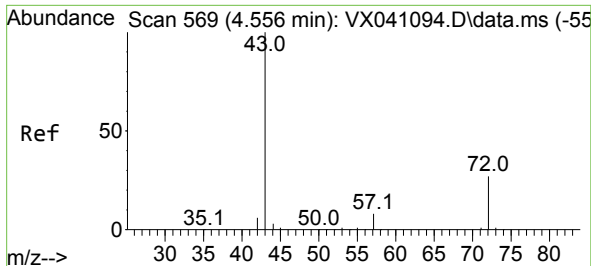
84 100

49 102.6 103.6 155.4#

51 36.3 33.8 50.6

86 56.4 49.4 74.0





#25

2-Butanone

Concen: 3.752 ug/l

RT: 4.593 min Scan# 51

Delta R.T. 0.024 min

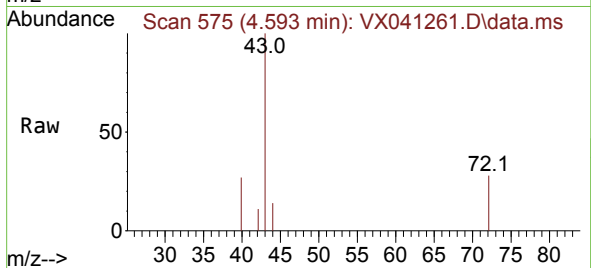
Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

Instrument :

MSVOA_X

ClientSampleId :

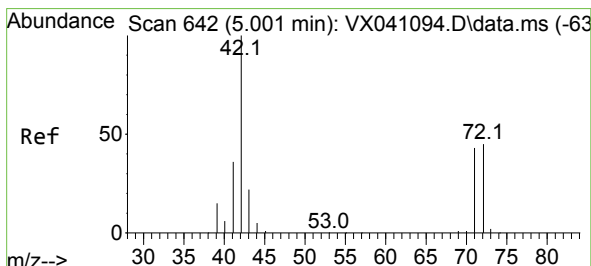
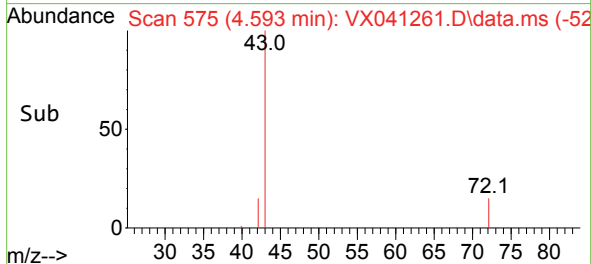
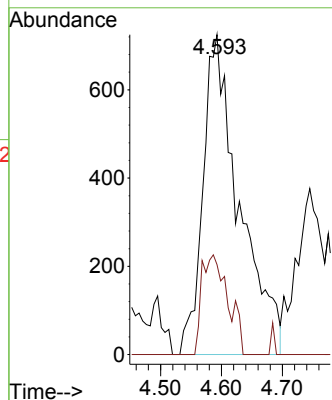


Tgt Ion: 43 Resp: 3006

Ion Ratio Lower Upper

43 100

72 28.1 19.4 29.2



#29

Tetrahydrofuran

Concen: 0.638 ug/l

RT: 5.032 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

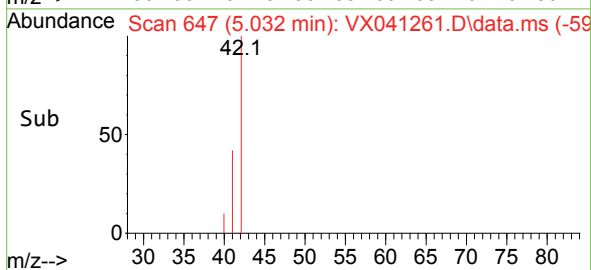
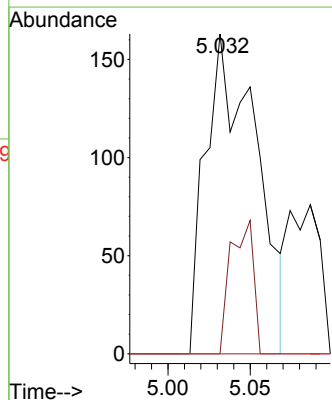
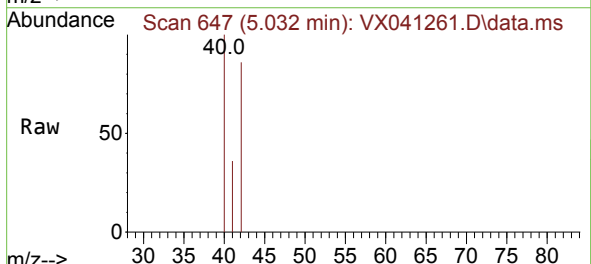
Tgt Ion: 42 Resp: 348

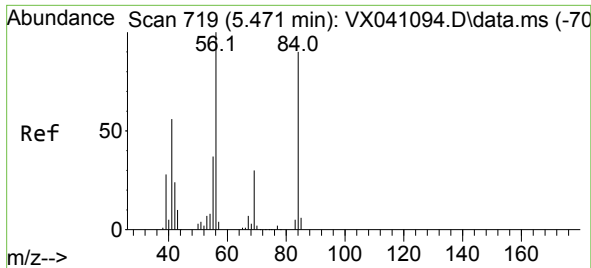
Ion Ratio Lower Upper

42 100

72 18.7 34.2 51.4#

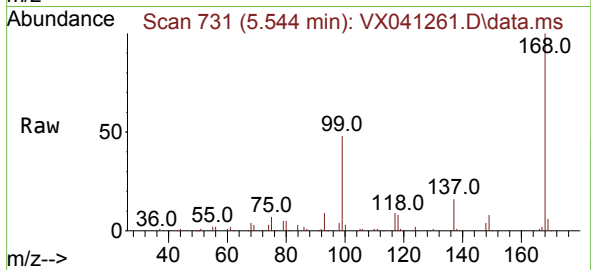
71 0.0 32.2 48.2#



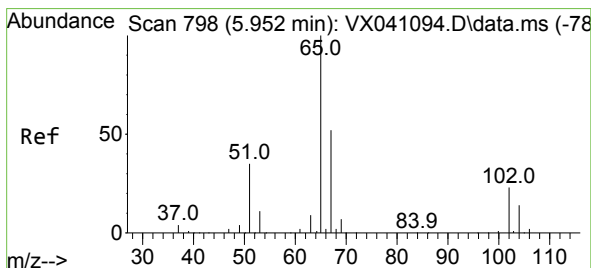
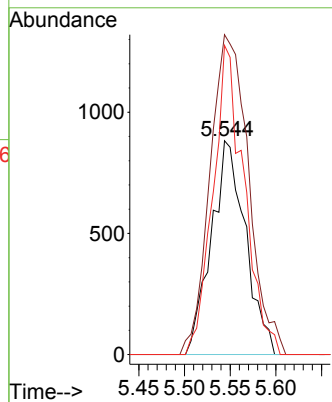
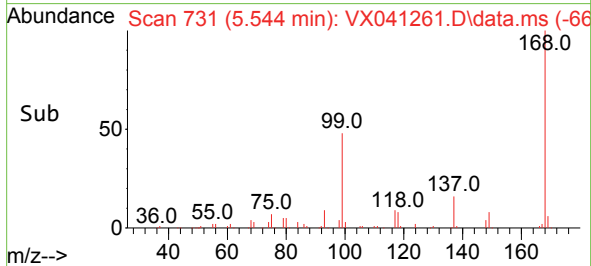


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

Instrument :
MSVOA_X
ClientSampleId :

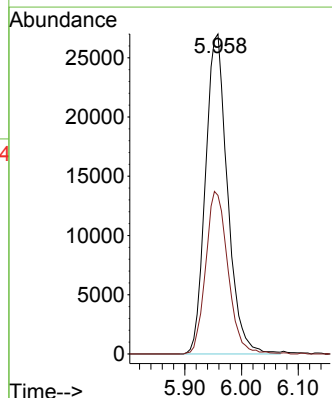
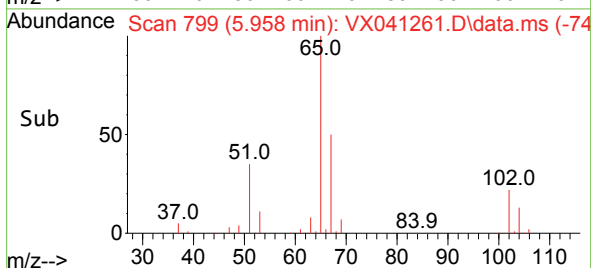
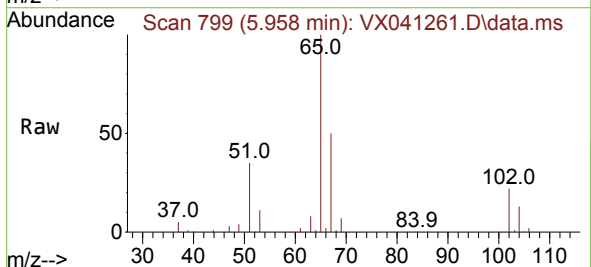


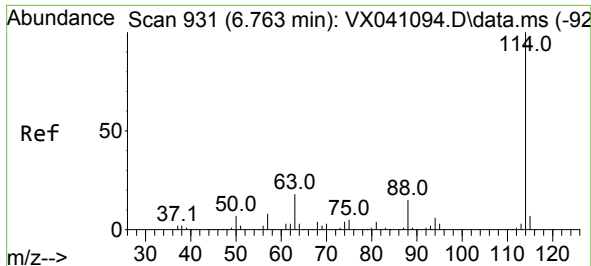
Tgt Ion: 56 Resp: 2296
Ion Ratio Lower Upper
56 100
69 149.7 23.4 35.2#
84 144.7 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 56.437 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

Tgt Ion: 65 Resp: 72736
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.2

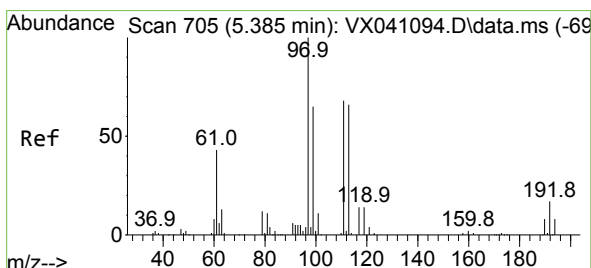
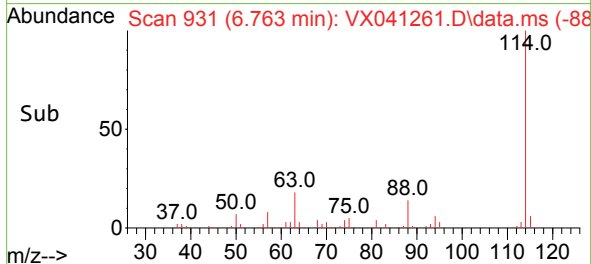
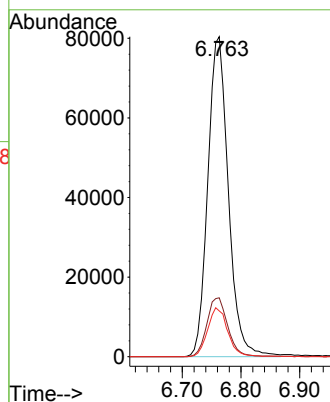
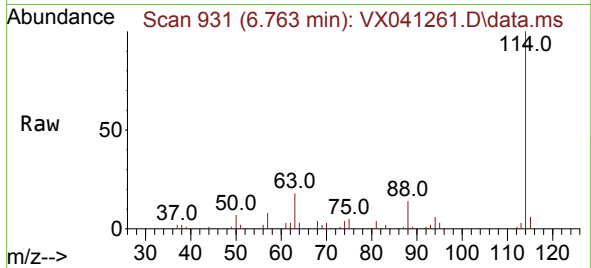




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

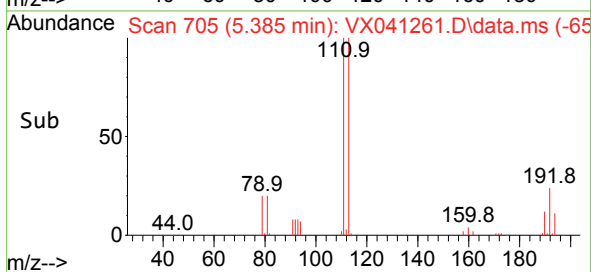
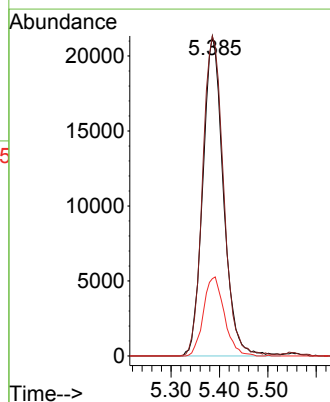
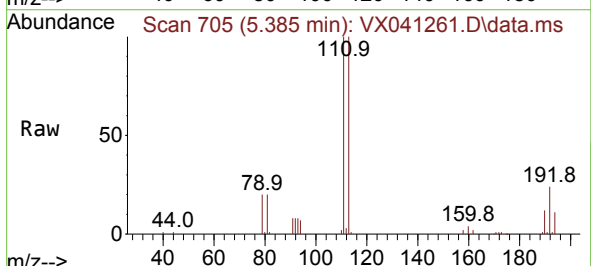
Instrument :
MSVOA_X
ClientSampleId :

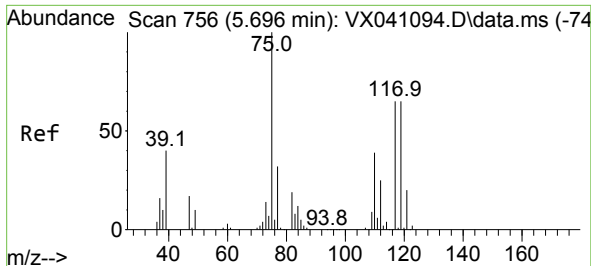
Tgt Ion:114 Resp: 195222
Ion Ratio Lower Upper
114 100
63 18.4 0.0 45.0
88 14.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.752 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

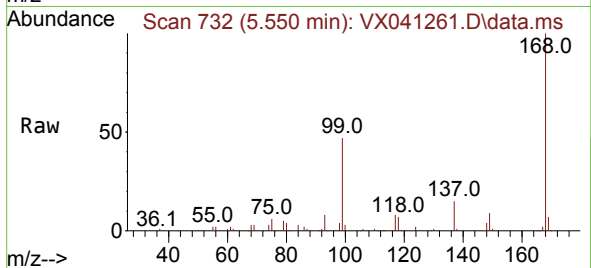
Tgt Ion:113 Resp: 62644
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 25.2 13.3 19.9#



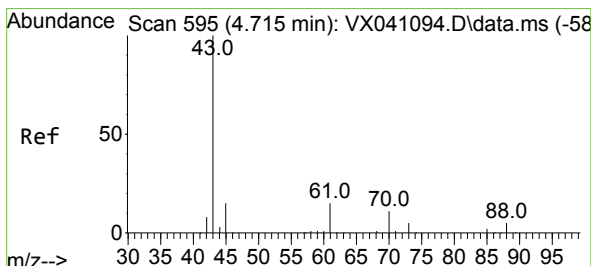
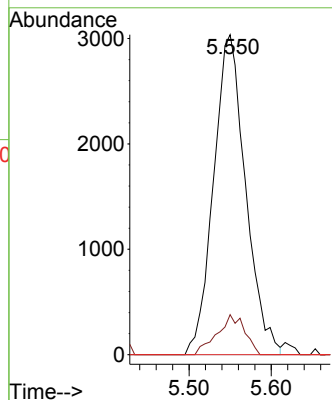
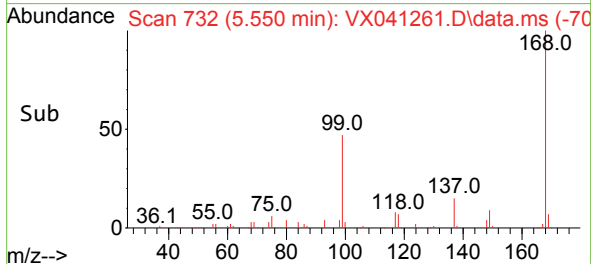


#36
1,1-Dichloropropene
Concen: 5.412 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

Instrument :
MSVOA_X
ClientSampleId :

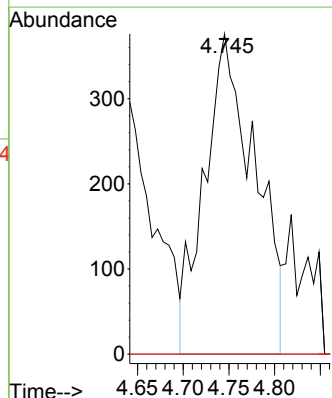
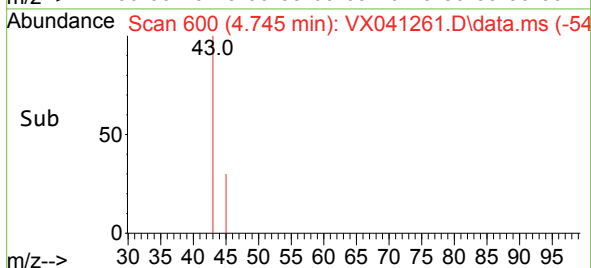
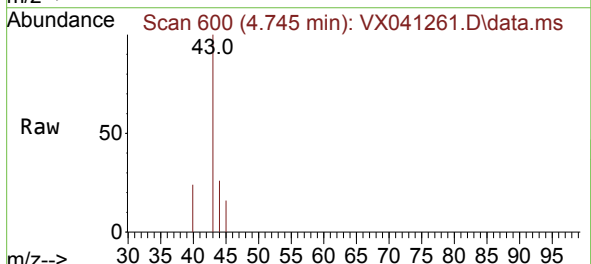


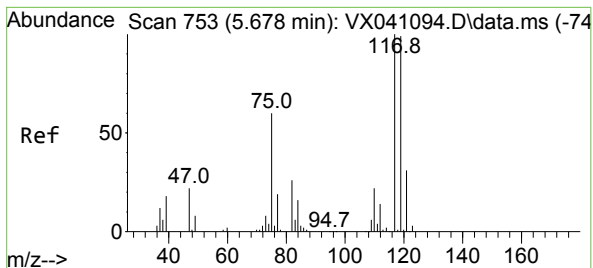
Tgt Ion: 75 Resp: 8223
Ion Ratio Lower Upper
75 100
110 10.7 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.864 ug/l
RT: 4.745 min Scan# 600
Delta R.T. 0.024 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

Tgt Ion: 43 Resp: 1440
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 6.875 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.128 min

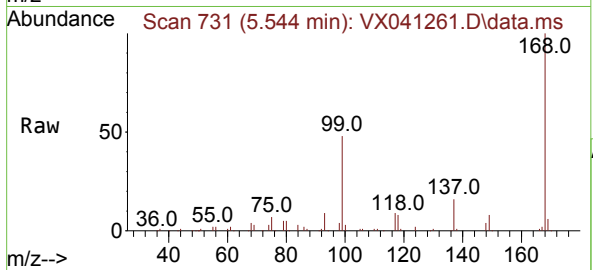
Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

Instrument :

MSVOA_X

ClientSampleId :



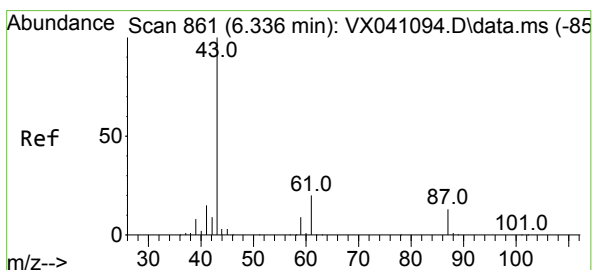
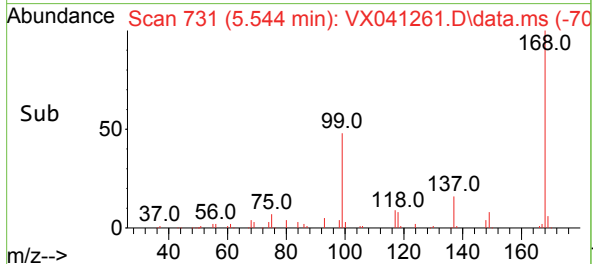
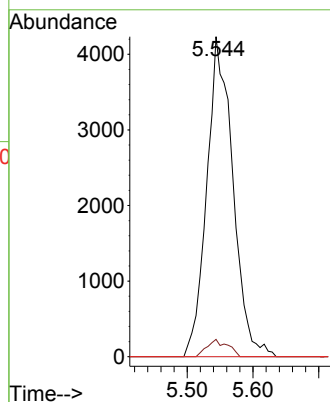
Tgt Ion:117 Resp: 11668

Ion Ratio Lower Upper

117 100

119 5.4 78.2 117.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 23.031 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

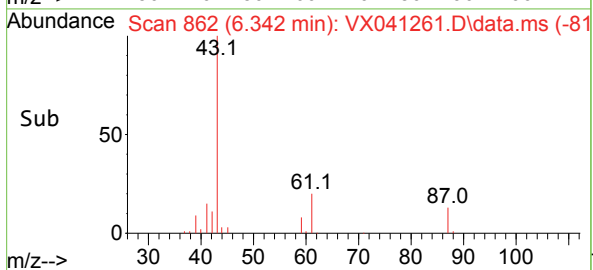
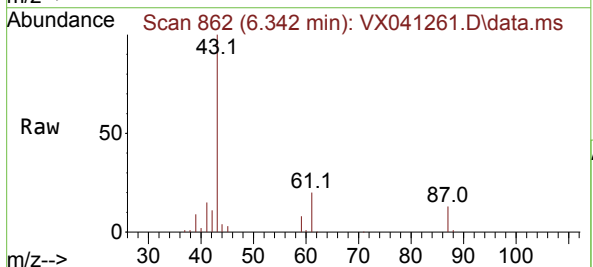
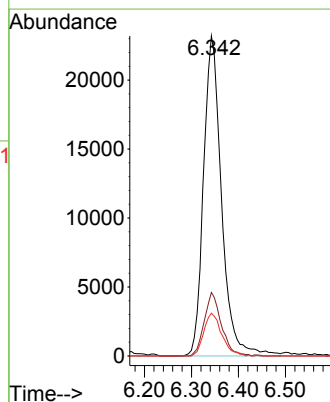
Tgt Ion: 43 Resp: 61849

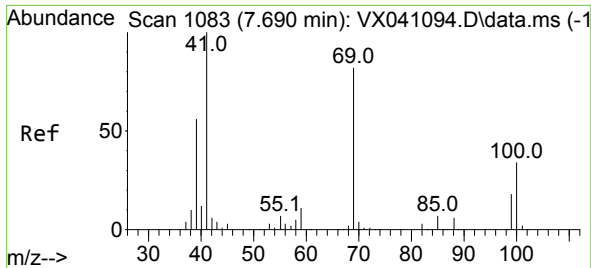
Ion Ratio Lower Upper

43 100

61 18.7 15.2 22.8

87 13.3 9.8 14.6





#48

Methyl methacrylate

Concen: 1.090 ug/l

RT: 7.610 min Scan# 1070

Delta R.T. -0.085 min

Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

Instrument :

MSVOA_X

ClientSampleId :

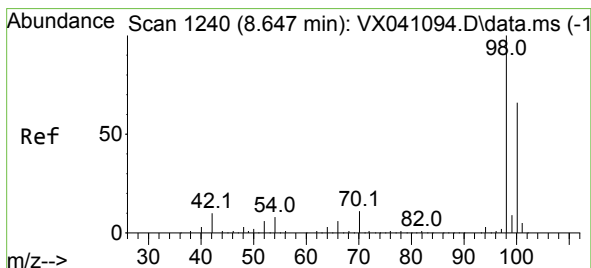
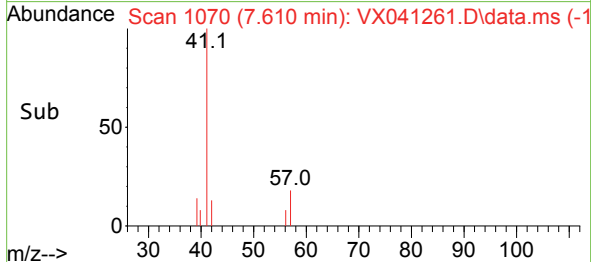
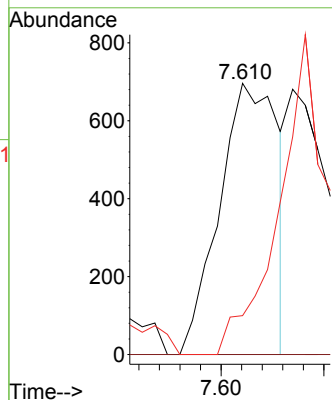
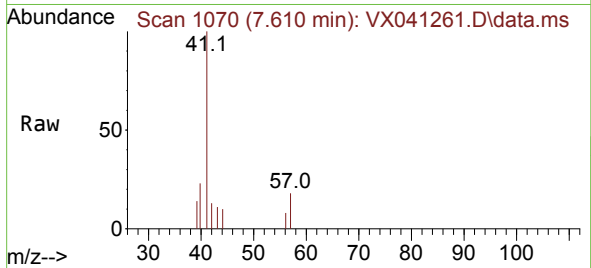
Tgt Ion: 41 Resp: 1384

Ion Ratio Lower Upper

41 100

69 0.0 59.2 88.8#

39 0.0 47.7 71.5#



#50

Toluene-d8

Concen: 57.866 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041261.D

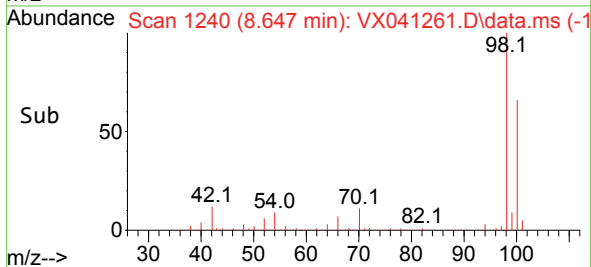
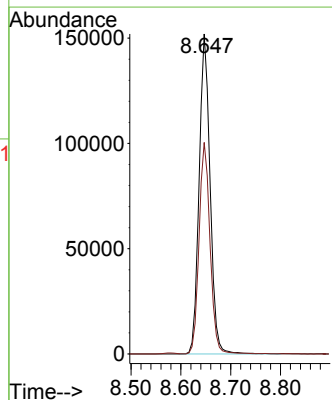
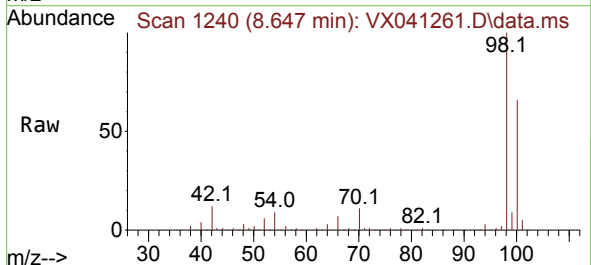
Acq: 26 Apr 2024 16:04

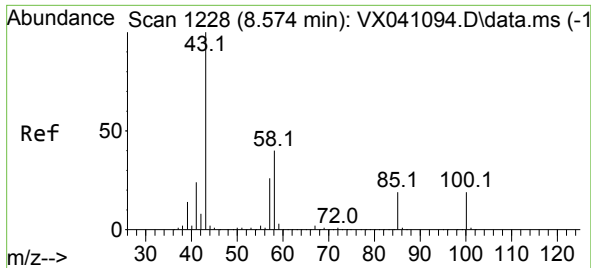
Tgt Ion: 98 Resp: 231842

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7

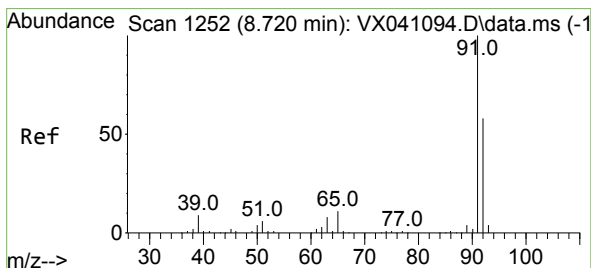
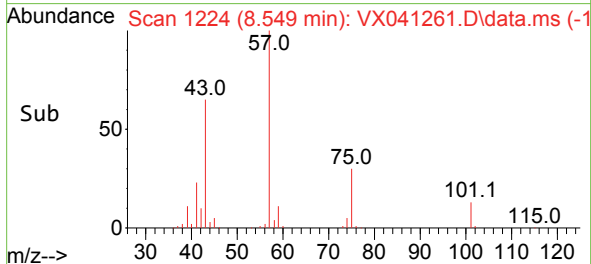
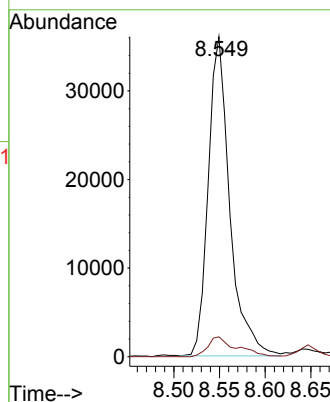
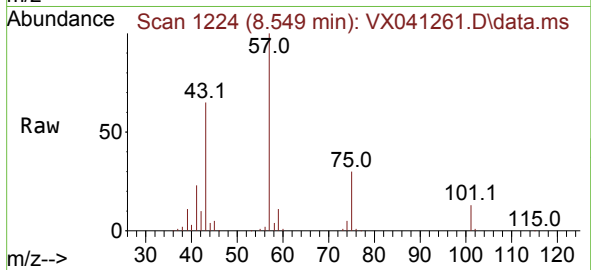




#51
4-Methyl-2-Pentanone
Concen: 35.063 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

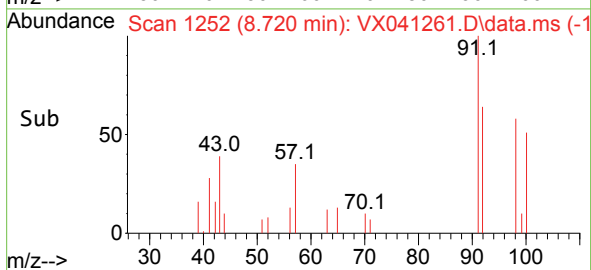
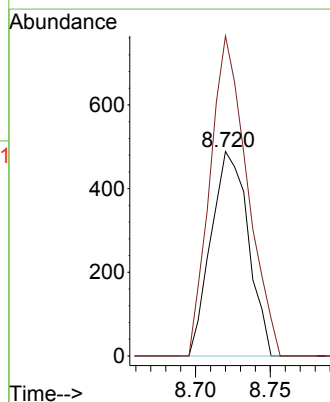
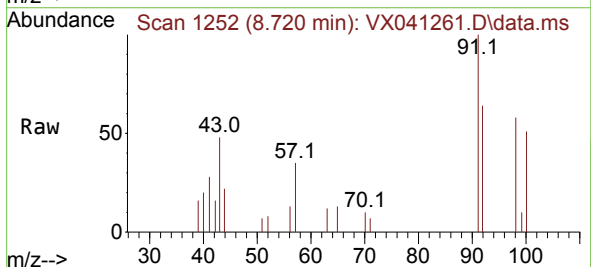
Instrument :
MSVOA_X
ClientSampleId :

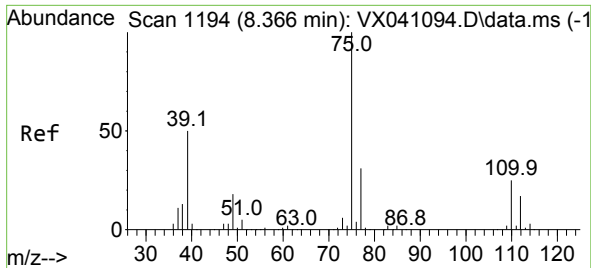
Tgt Ion: 43 Resp: 58938
Ion Ratio Lower Upper
43 100
58 8.3 30.4 45.6#



#52
Toluene
Concen: 0.286 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

Tgt Ion: 92 Resp: 845
Ion Ratio Lower Upper
92 100
91 156.3 134.2 201.2

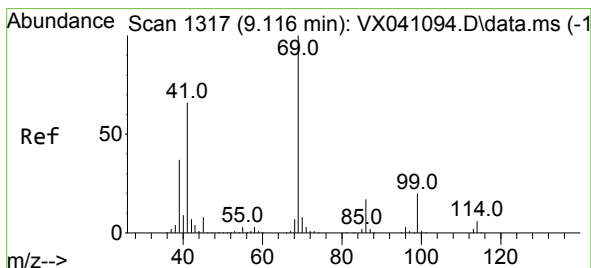
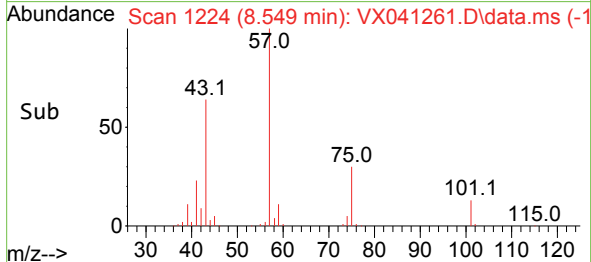
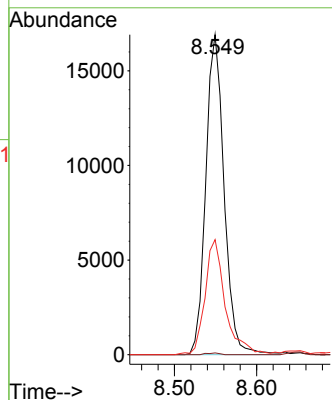
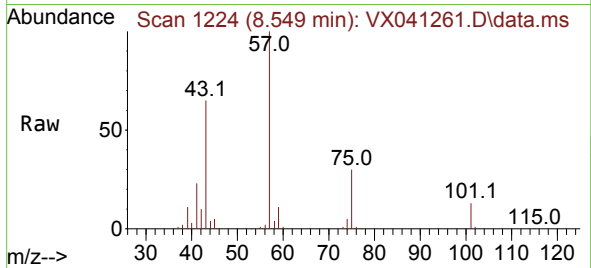




#54
 cis-1,3-Dichloropropene
 Concen: 15.184 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX041261.D
 Acq: 26 Apr 2024 16:04

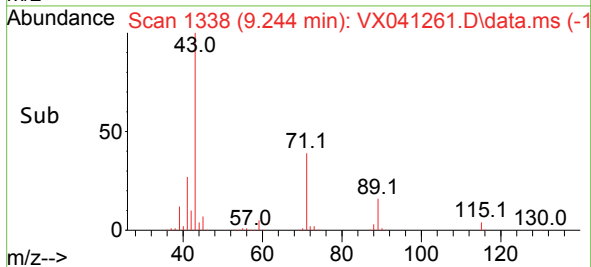
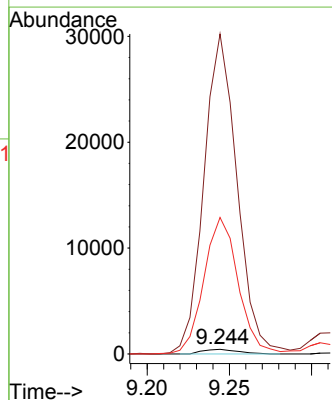
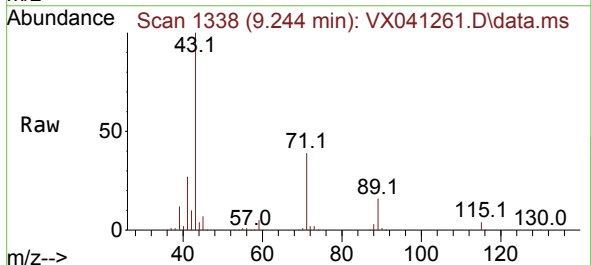
Instrument :
 MSVOA_X
 ClientSampleId :

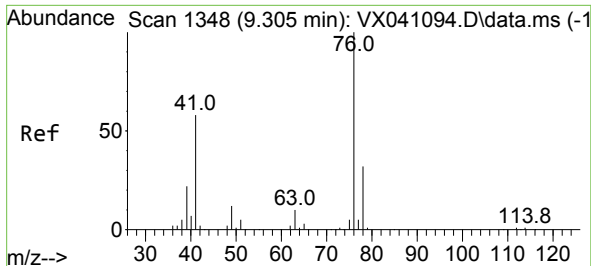
Tgt Ion: 75 Resp: 26184
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 35.6 46.7 70.1#



#56
 Ethyl methacrylate
 Concen: 0.367 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.122 min
 Lab File: VX041261.D
 Acq: 26 Apr 2024 16:04

Tgt Ion: 69 Resp: 648
 Ion Ratio Lower Upper
 69 100
 41 6541.2 56.8 85.2#
 39 2881.0 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 1.403 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

Instrument :

MSVOA_X

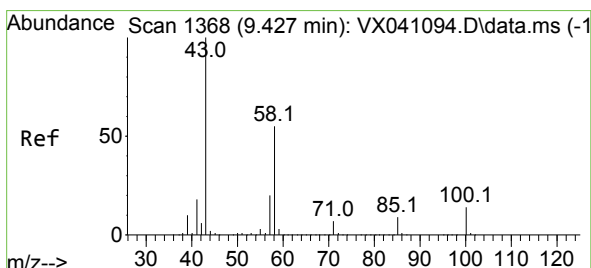
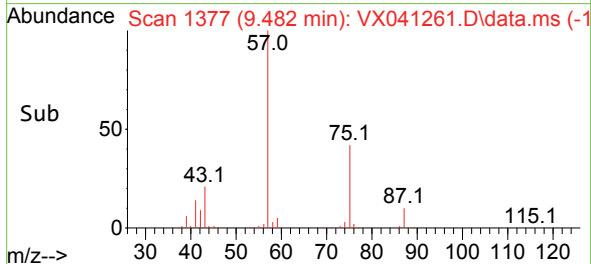
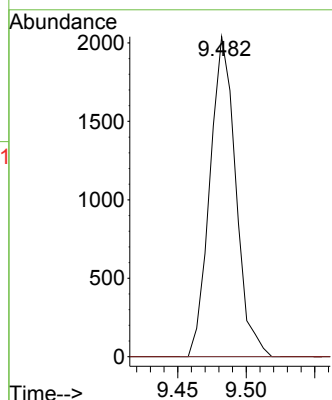
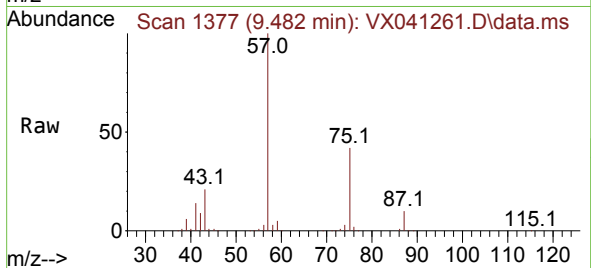
ClientSampleId :

Tgt Ion: 76 Resp: 2680

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 28.560 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX041261.D

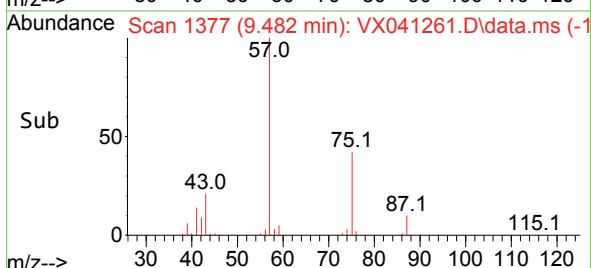
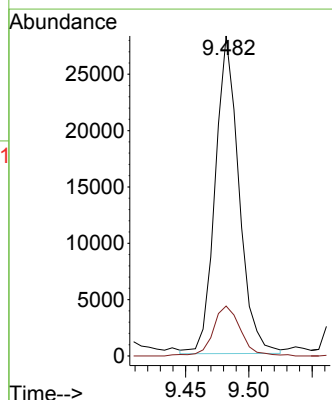
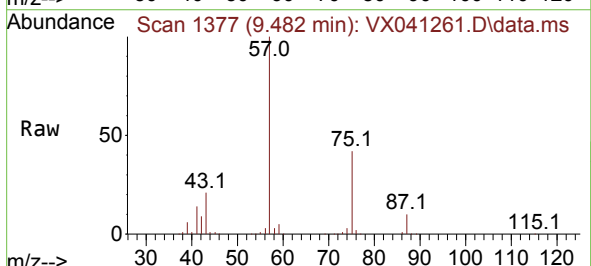
Acq: 26 Apr 2024 16:04

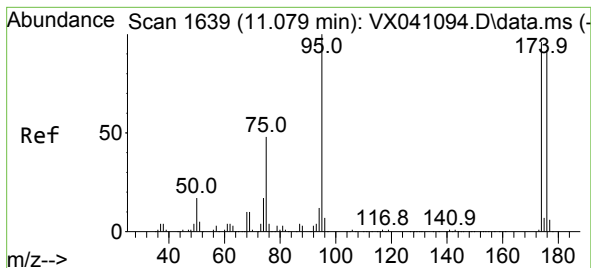
Tgt Ion: 43 Resp: 36813

Ion Ratio Lower Upper

43 100

58 18.3 26.2 78.5#

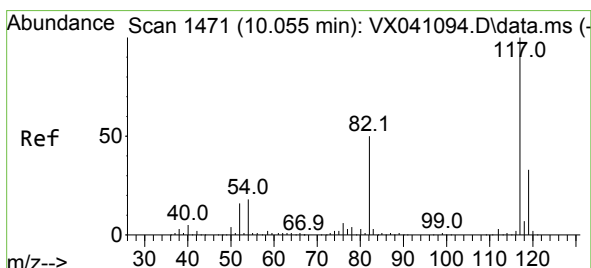
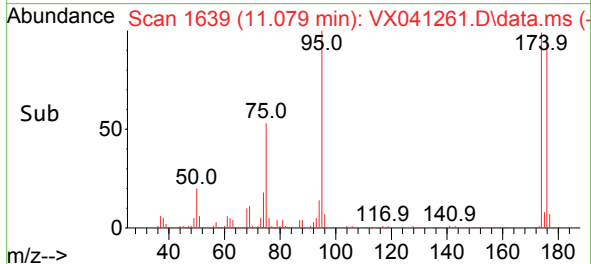
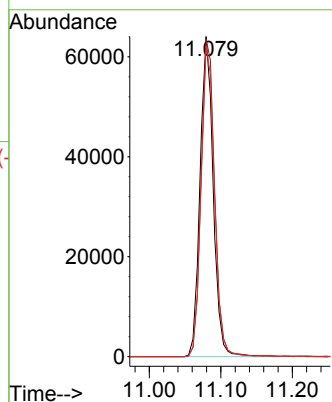
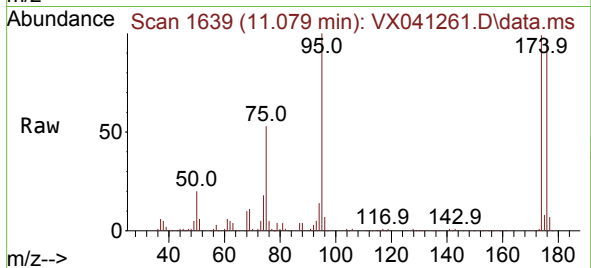




#62
4-Bromofluorobenzene
Concen: 55.334 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

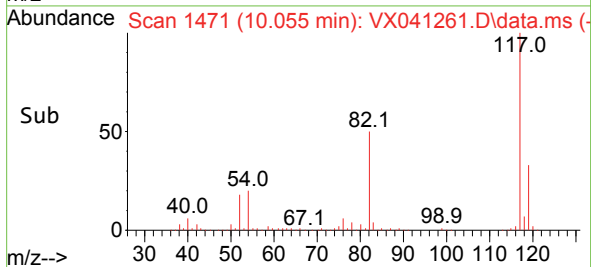
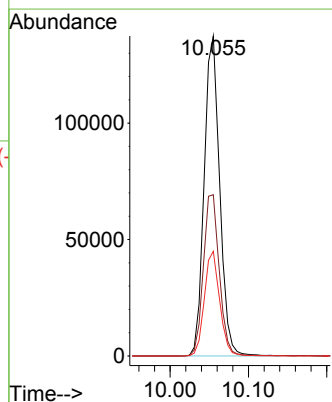
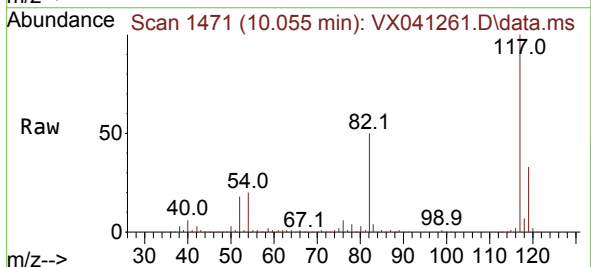
Instrument :
MSVOA_X
ClientSampleId :

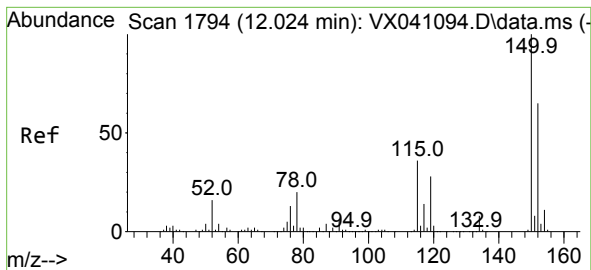
Tgt Ion: 95 Resp: 81828
Ion Ratio Lower Upper
95 100
174 102.4 0.0 135.6
176 98.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041261.D
Acq: 26 Apr 2024 16:04

Tgt Ion: 117 Resp: 189230
Ion Ratio Lower Upper
117 100
82 50.4 46.2 69.4
119 32.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

Instrument :

MSVOA_X

ClientSampleId :

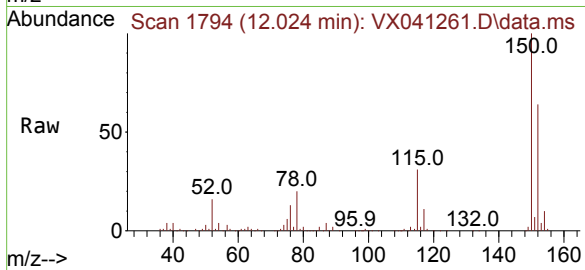
Tgt Ion:152 Resp: 92239

Ion Ratio Lower Upper

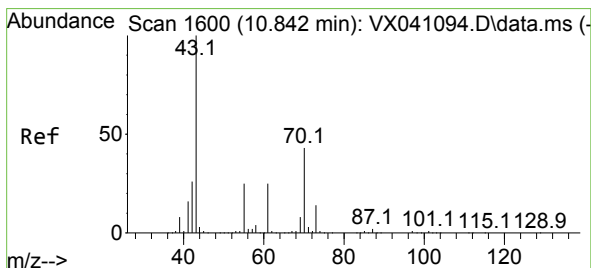
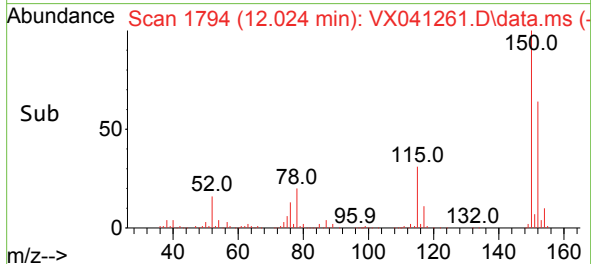
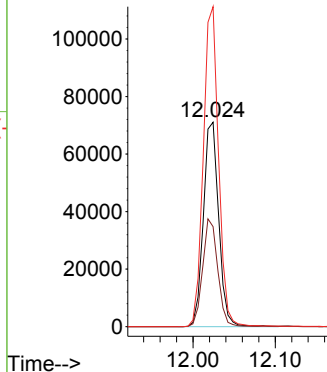
152 100

115 51.7 43.3 129.9

150 155.6 0.0 345.0



Abundance



#74

N-ethyl acetate

Concen: 4.931 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.201 min

Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

Tgt Ion: 43 Resp: 11121

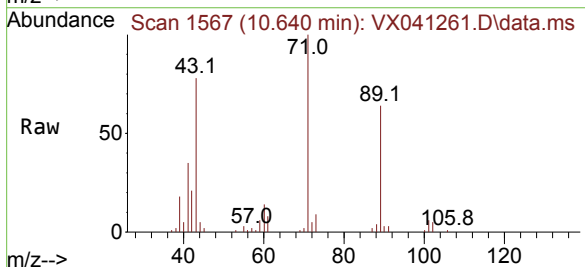
Ion Ratio Lower Upper

43 100

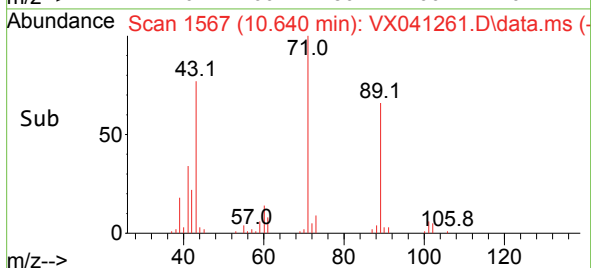
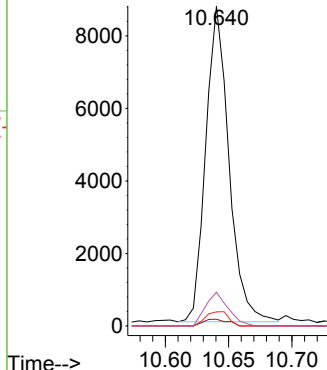
70 2.3 32.9 49.3#

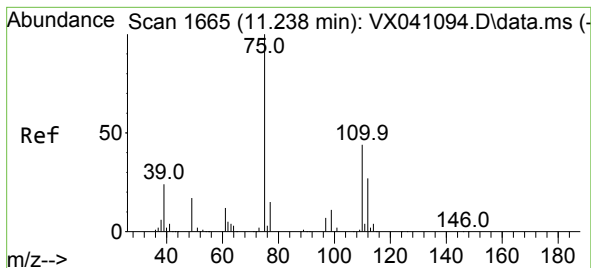
55 4.4 19.3 28.9#

61 10.4 18.8 28.2#



Abundance





#76

1,2,3-Trichloropropane

Concen: 28.958 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

Instrument :

MSVOA_X

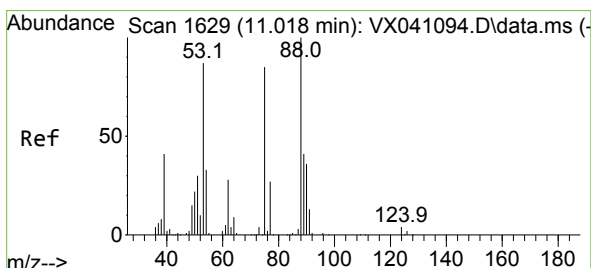
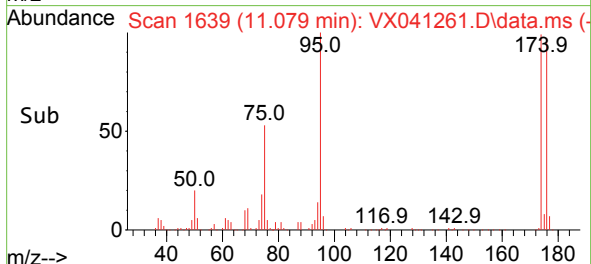
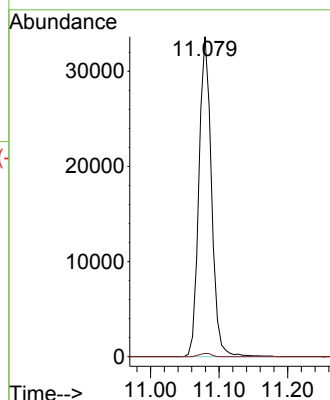
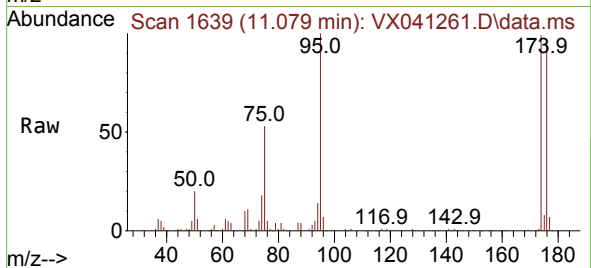
ClientSampleId :

Tgt Ion: 75 Resp: 43036

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.701 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041261.D

Acq: 26 Apr 2024 16:04

Tgt Ion: 75 Resp: 43036

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

