

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041260.D
 Acq On : 26 Apr 2024 15:41
 Operator : JC/MD
 Sample : PB160522ZHE#05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 27 02:19:25 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)

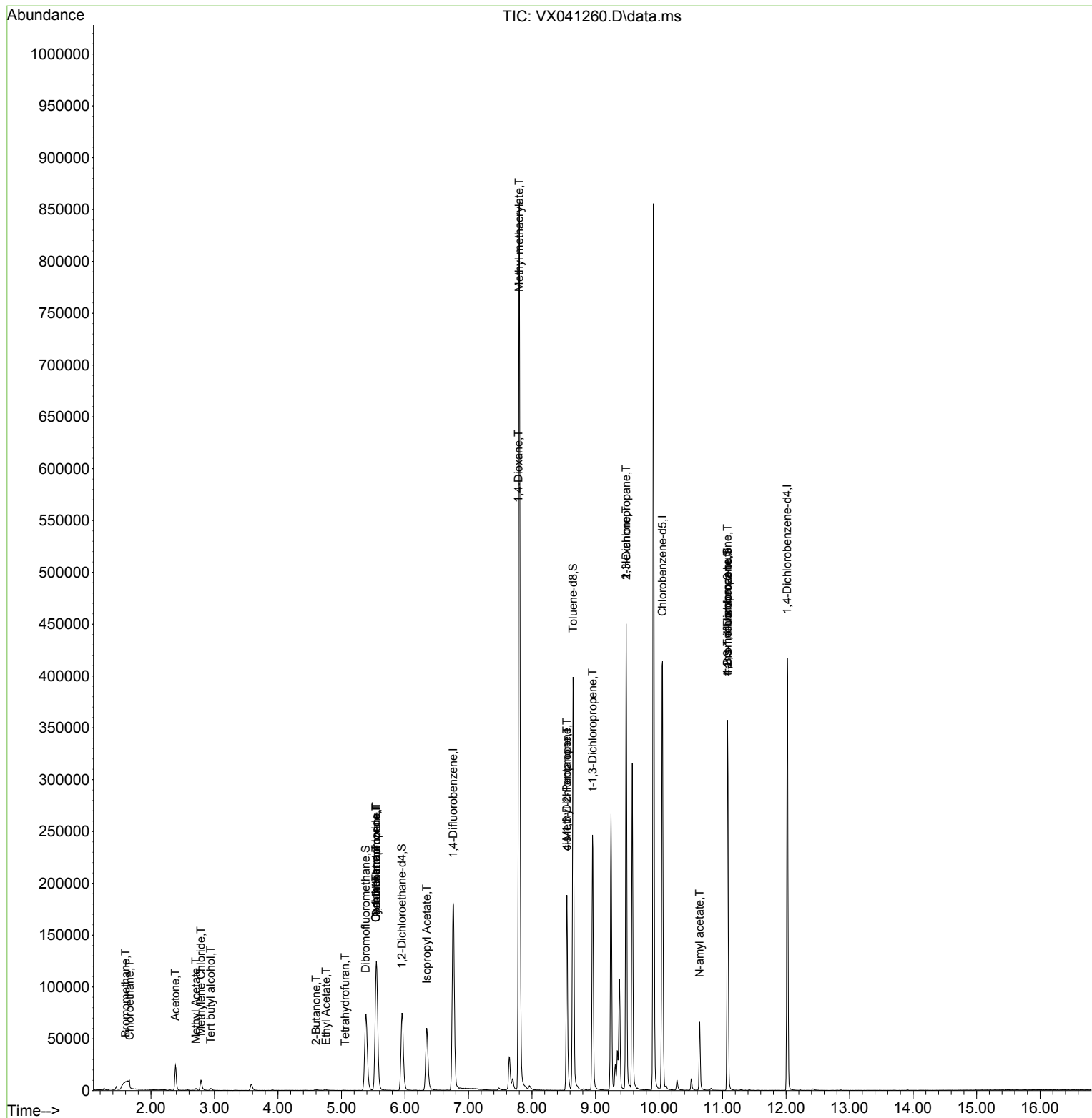
Internal Standards						
1) Pentafluorobenzene	5.550	168	133944	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	198009	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74230	58.218	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 116.440%	
35) Dibromofluoromethane	5.379	113	63180	52.455	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.900%	
50) Toluene-d8	8.647	98	232695	57.262	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 114.520%#	
62) 4-Bromofluorobenzene	11.079	95	84719	56.482	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 112.960%	
Target Compounds						
						Qvalue
5) Bromomethane	1.599	94	425	0.658	ug/l	# 72
6) Chloroethane	1.666	64	276	0.633	ug/l	# 43
11) Tert butyl alcohol	2.941	59	1469	6.431	ug/l	# 78
16) Acetone	2.386	43	26776	57.693	ug/l	93
18) Methyl Acetate	2.709	43	2308	1.681	ug/l	98
20) Methylene Chloride	2.788	84	5358	4.727	ug/l	93
25) 2-Butanone	4.599	43	1800	2.271	ug/l	# 88
29) Tetrahydrofuran	5.056	42	252	0.467	ug/l	# 34
31) Cyclohexane	5.544	56	2236	1.303	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8085	5.246	ug/l	# 50
37) Ethyl Acetate	4.757	43	1768	1.046	ug/l	# 71
38) Carbon Tetrachloride	5.544	117	11280	6.553	ug/l	# 15
43) Isopropyl Acetate	6.342	43	84670	31.086	ug/l	99
48) Methyl methacrylate	7.799	41	77898	60.465	ug/l	# 50
49) 1,4-Dioxane	7.787	88	47	1.695	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	65521	38.431	ug/l	# 50
53) t-1,3-Dichloropropene	8.952	75	612	0.398	ug/l	# 43
54) cis-1,3-Dichloropropene	8.549	75	29723	16.994	ug/l	# 60
57) 1,3-Dichloropropane	9.482	76	3766	1.944	ug/l	# 42
59) 2-Hexanone	9.482	43	54636	41.791	ug/l	# 52
74) N-amyl acetate	10.640	43	16721	7.265	ug/l	# 53
76) 1,2,3-Trichloropropane	11.079	75	43922	28.965	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	43922	81.719	ug/l	# 5

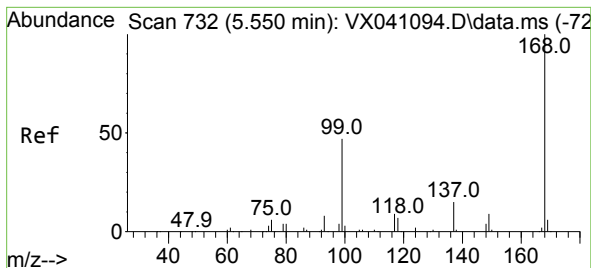
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
Data File : VX041260.D
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Sample : PB160522ZHE#05
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 27 02:19:25 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: VX041260.D

Acq: 26 Apr 2024 15:41

Instrument :

MSVOA_X

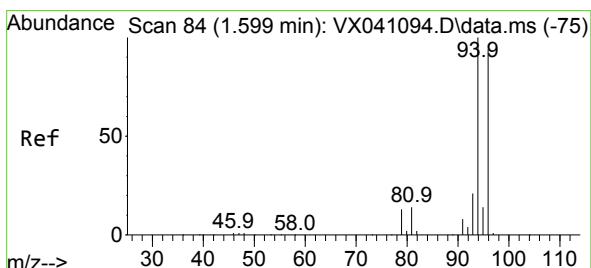
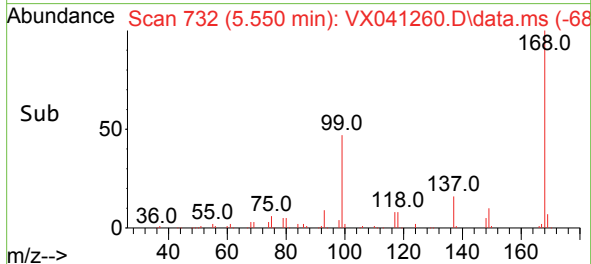
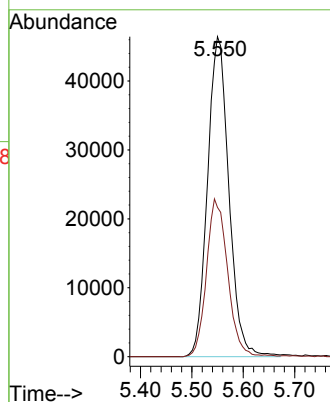
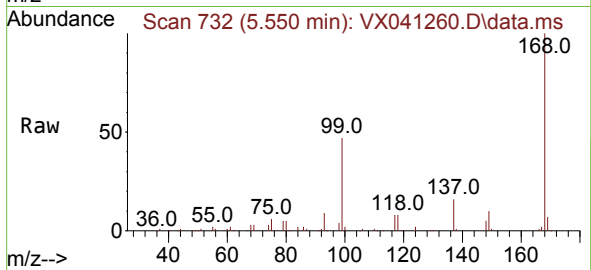
ClientSampleId :

Tgt Ion:168 Resp: 133944

Ion Ratio Lower Upper

168 100

99 46.7 56.6 85.0#



#5

Bromomethane

Concen: 0.658 ug/l

RT: 1.599 min Scan# 84

Delta R.T. -0.000 min

Lab File: VX041260.D

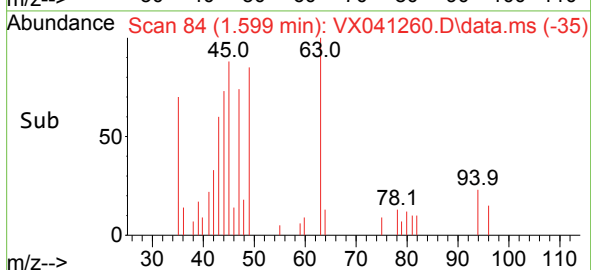
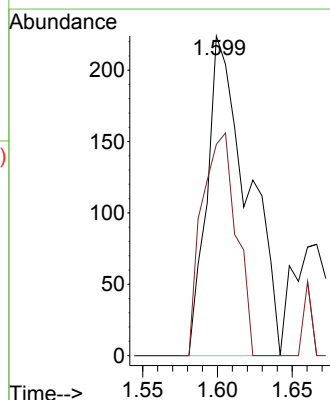
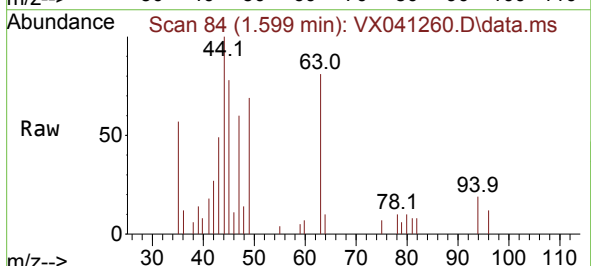
Acq: 26 Apr 2024 15:41

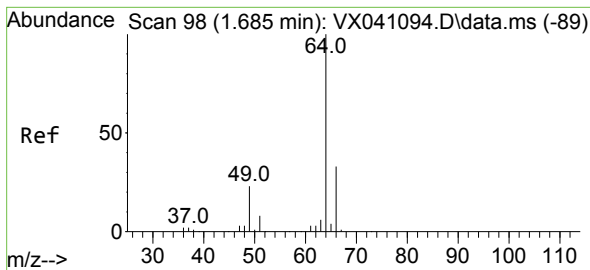
Tgt Ion: 94 Resp: 425

Ion Ratio Lower Upper

94 100

96 66.1 74.6 111.8#

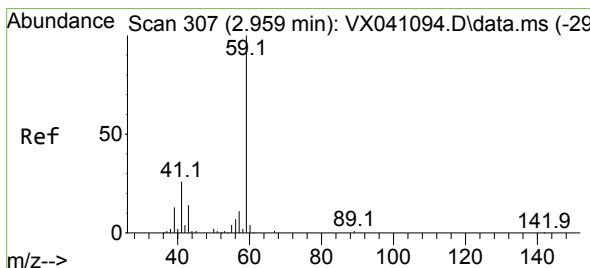
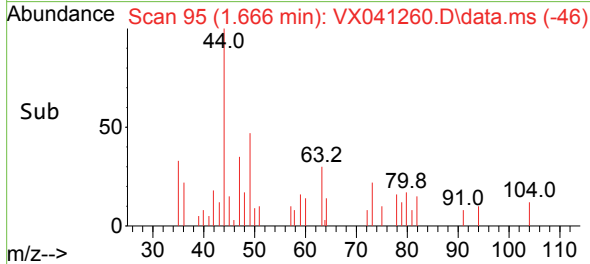
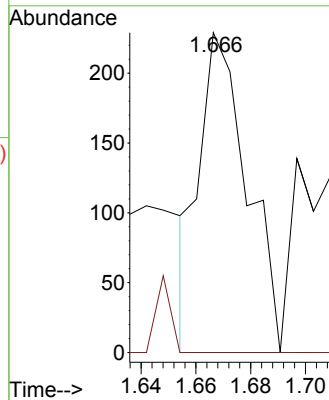
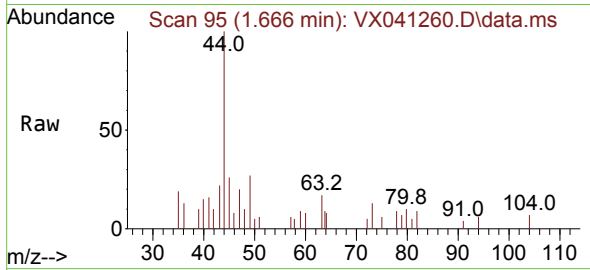




#6
Chloroethane
Concen: 0.633 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

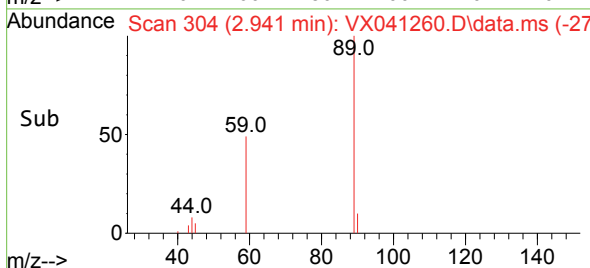
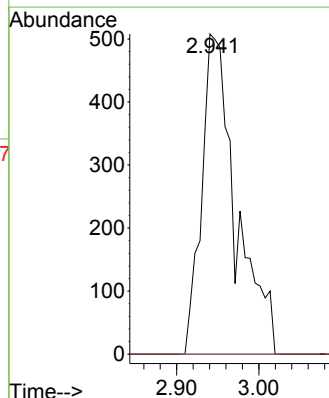
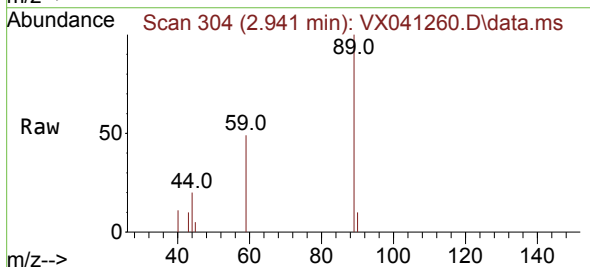
Instrument :
MSVOA_X
ClientSampleId :

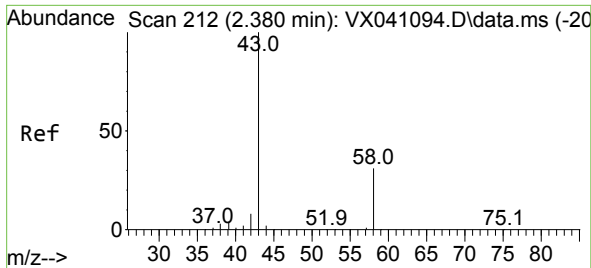
Tgt Ion: 64 Resp: 276
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 6.431 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.122 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

Tgt Ion: 59 Resp: 1469
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

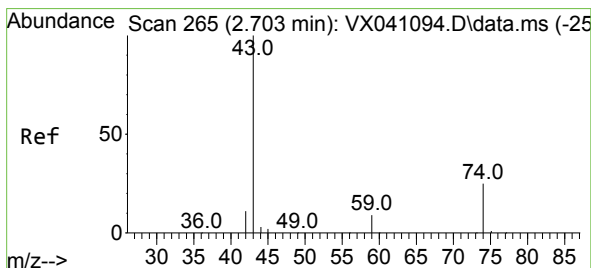
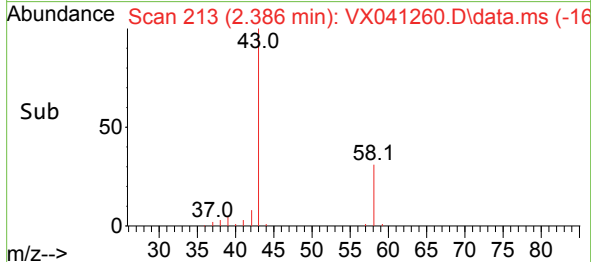
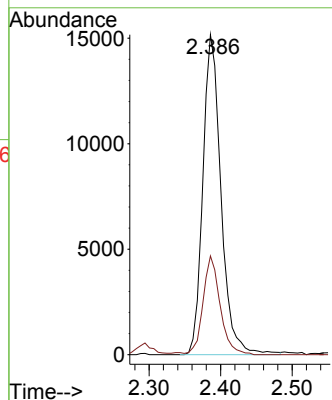
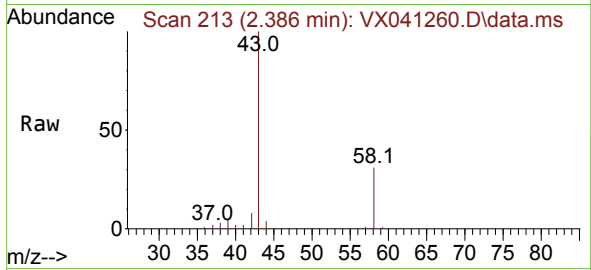




#16
Acetone
Concen: 57.693 ug/l
RT: 2.386 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

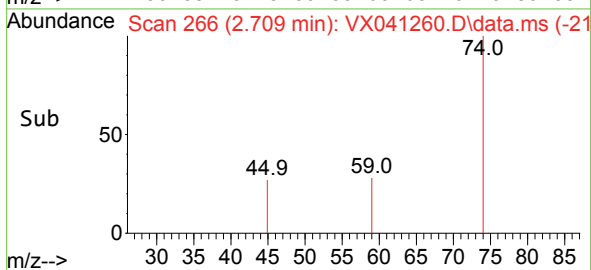
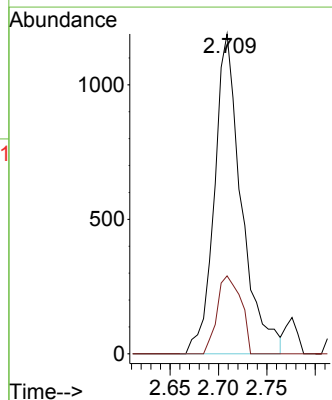
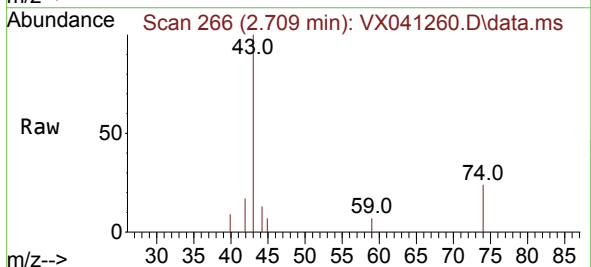
Instrument :
MSVOA_X
ClientSampleId :

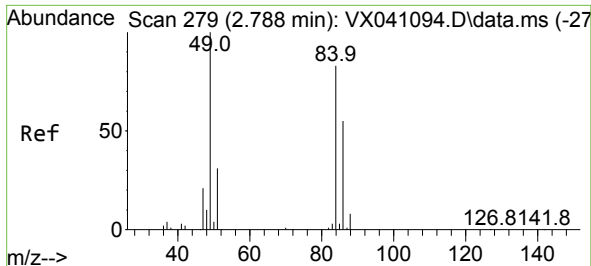
Tgt Ion: 43 Resp: 26776
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9



#18
Methyl Acetate
Concen: 1.681 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

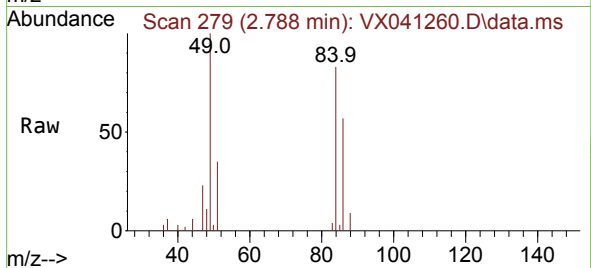
Tgt Ion: 43 Resp: 2308
Ion Ratio Lower Upper
43 100
74 21.5 17.8 26.8





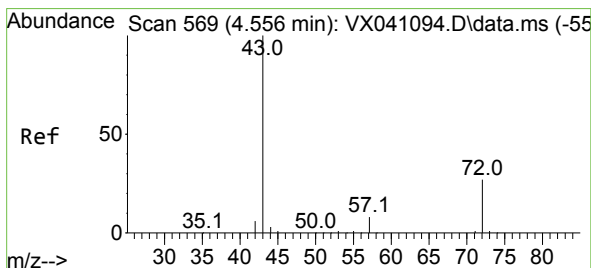
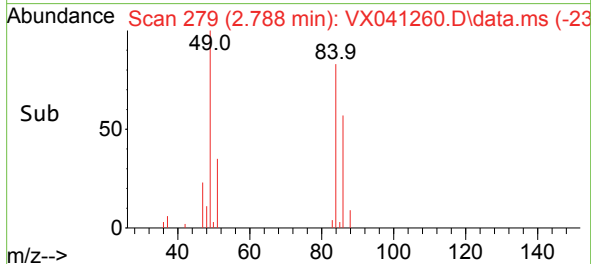
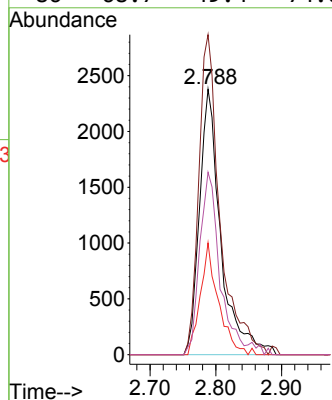
#20
Methylene Chloride
Concen: 4.727 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 5358

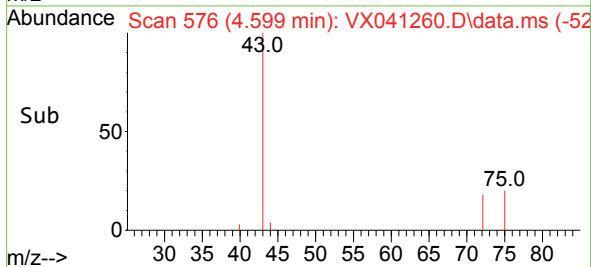
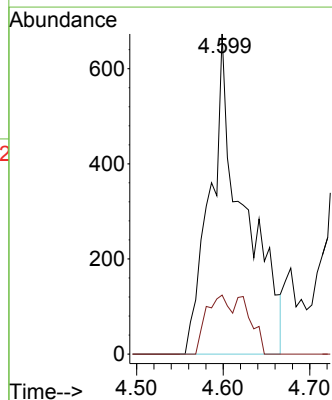
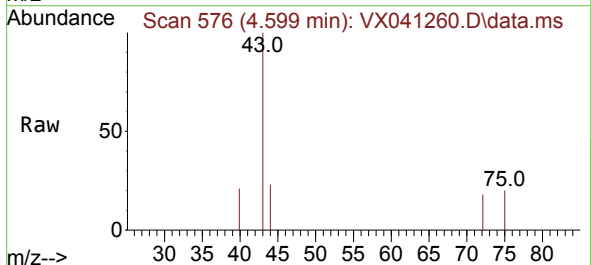
Ion	Ratio	Lower	Upper
84	100		
49	120.6	103.6	155.4
51	42.1	33.8	50.6
86	68.7	49.4	74.0

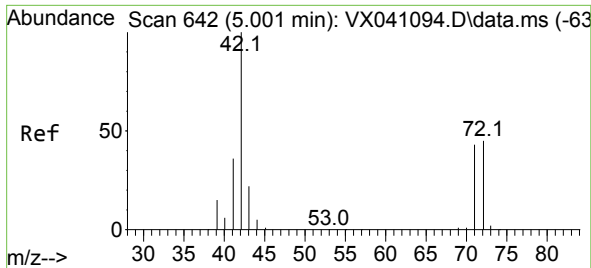


#25
2-Butanone
Concen: 2.271 ug/l
RT: 4.599 min Scan# 576
Delta R.T. 0.030 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

Tgt Ion: 43 Resp: 1800

Ion	Ratio	Lower	Upper
43	100		
72	18.4	19.4	29.2#





#29

Tetrahydrofuran

Concen: 0.467 ug/l

RT: 5.056 min Scan# 61

Delta R.T. 0.043 min

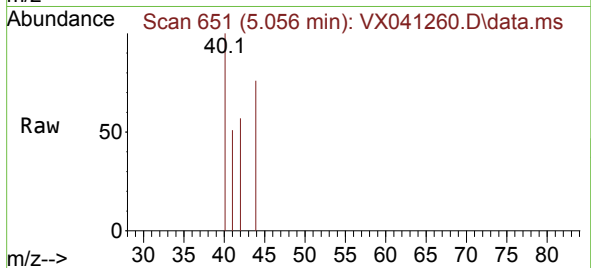
Lab File: VX041260.D

Acq: 26 Apr 2024 15:41

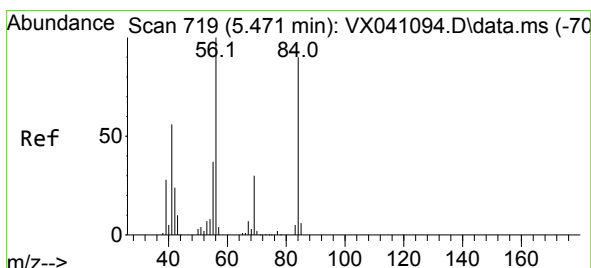
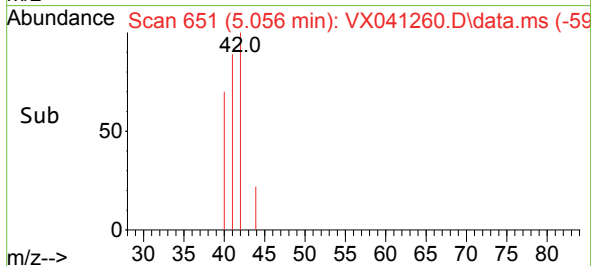
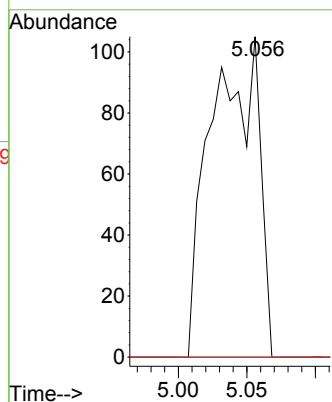
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	252
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

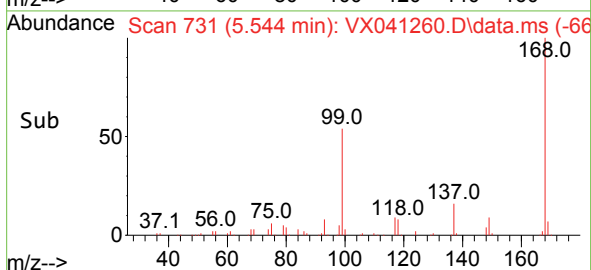
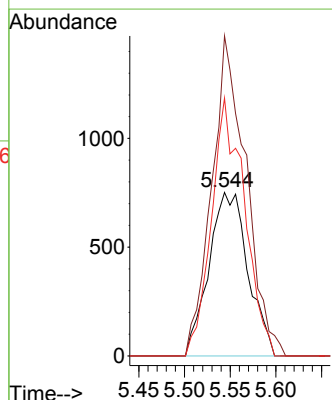
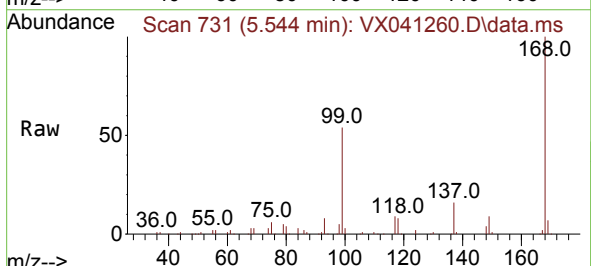
RT: 5.544 min Scan# 731

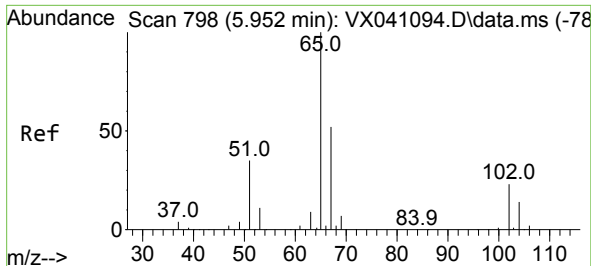
Delta R.T. 0.079 min

Lab File: VX041260.D

Acq: 26 Apr 2024 15:41

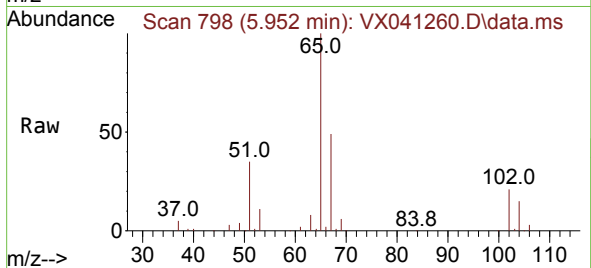
Tgt Ion:	56	Resp:	2236
Ion Ratio	Lower	Upper	
56	100		
69	195.6	23.4	35.2#
84	157.7	65.9	98.9#



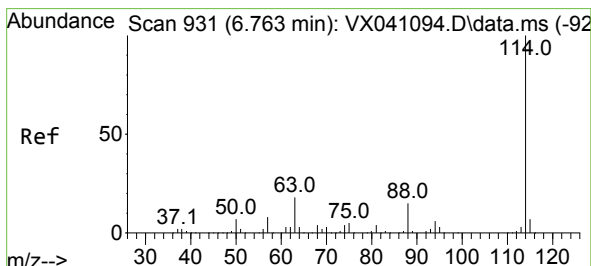
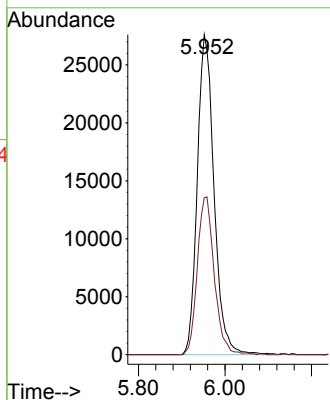
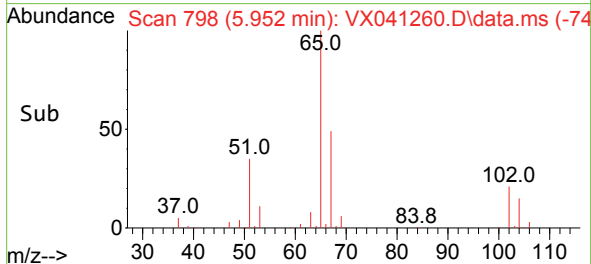


#33
1,2-Dichloroethane-d4
Concen: 58.218 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

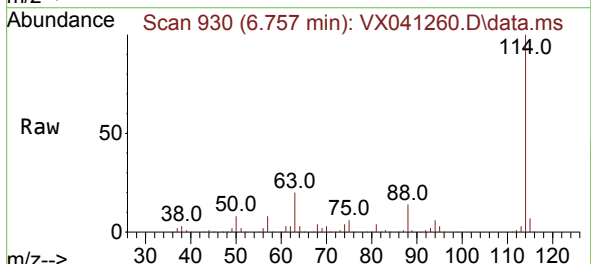
Instrument :
MSVOA_X
ClientSampleId :



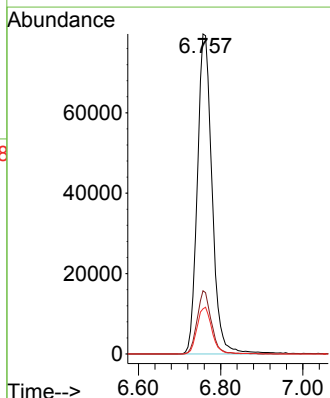
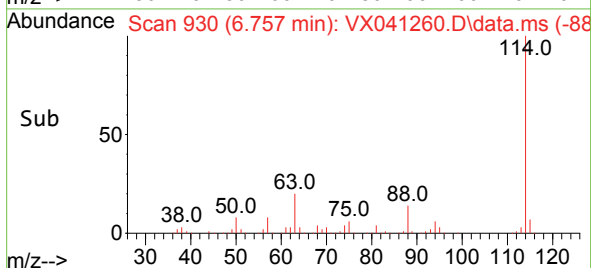
Tgt Ion: 65 Resp: 74230
Ion Ratio Lower Upper
65 100
67 49.9 0.0 100.2

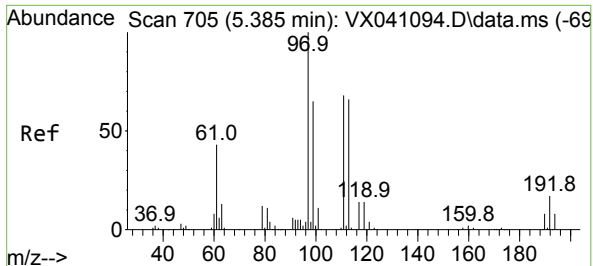


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41



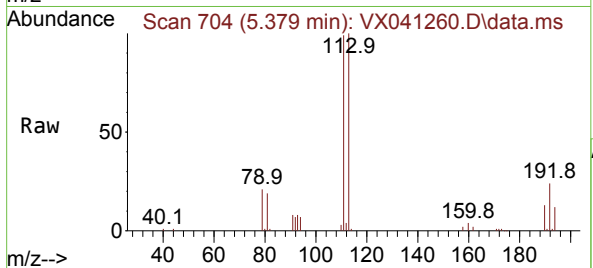
Tgt Ion: 114 Resp: 198009
Ion Ratio Lower Upper
114 100
63 19.7 0.0 45.0
88 14.1 0.0 36.6



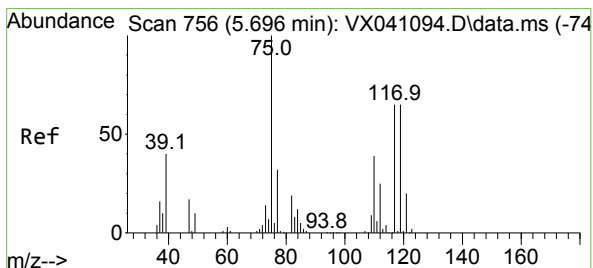
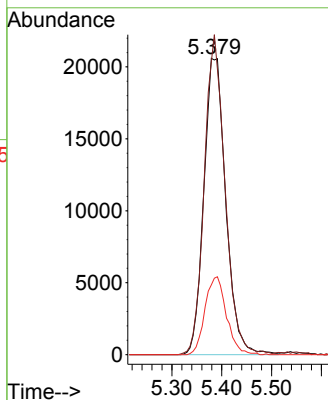
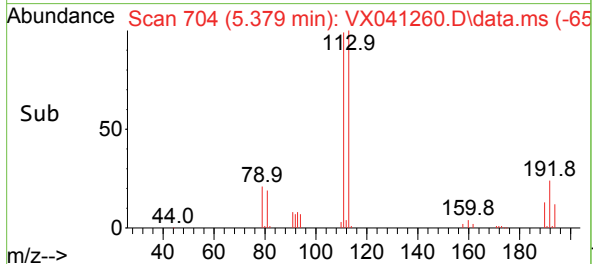


#35
Dibromofluoromethane
Concen: 52.455 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

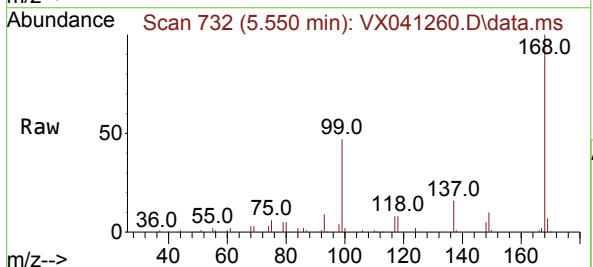
Instrument :
MSVOA_X
ClientSampleId :



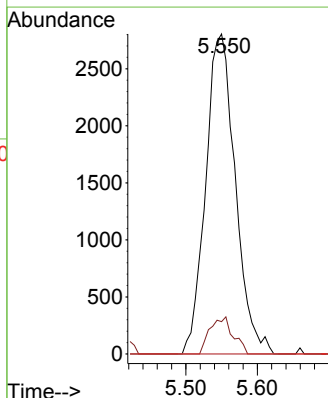
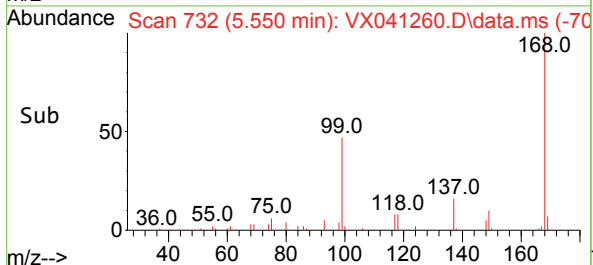
Tgt Ion:113 Resp: 63180
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 25.6 13.3 19.9#

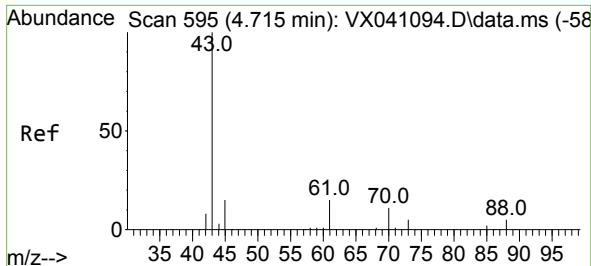


#36
1,1-Dichloropropene
Concen: 5.246 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41



Tgt Ion: 75 Resp: 8085
Ion Ratio Lower Upper
75 100
110 9.0 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 1.046 ug/l

RT: 4.757 min Scan# 602

Delta R.T. 0.037 min

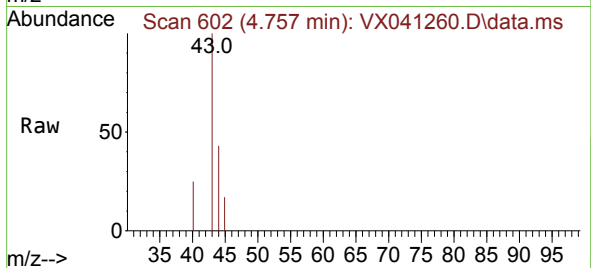
Lab File: VX041260.D

Acq: 26 Apr 2024 15:41

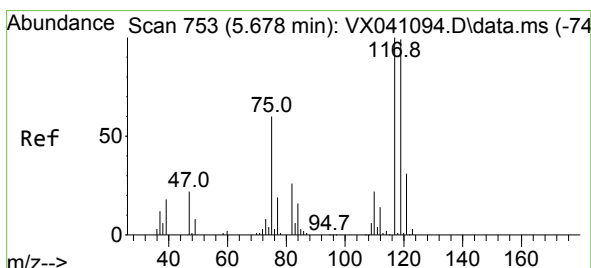
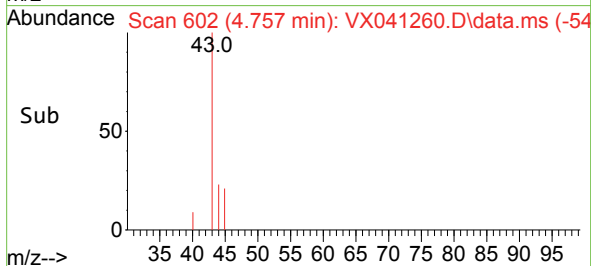
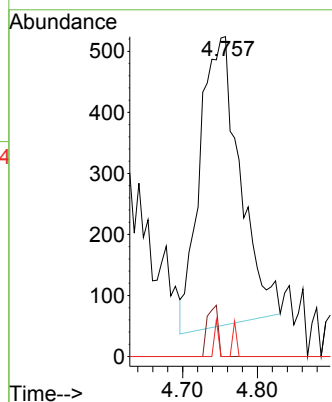
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	43	Resp:	1768
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.6	16.0#
70	1.2	8.3	12.5#



#38

Carbon Tetrachloride

Concen: 6.553 ug/l

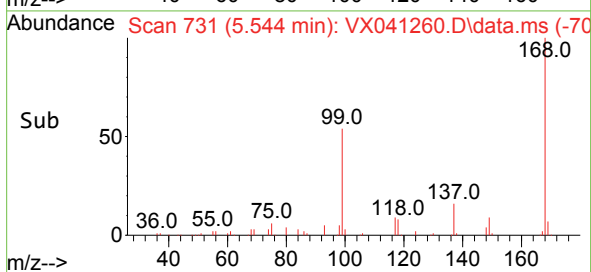
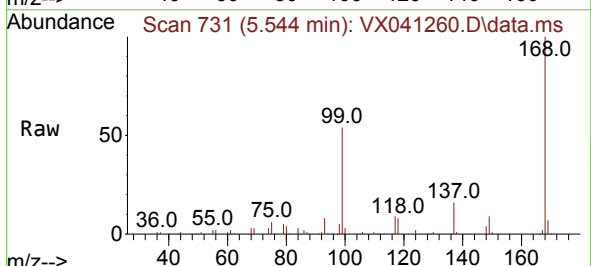
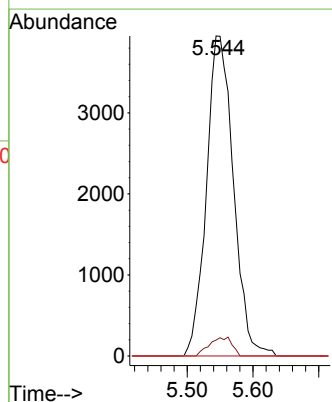
RT: 5.544 min Scan# 731

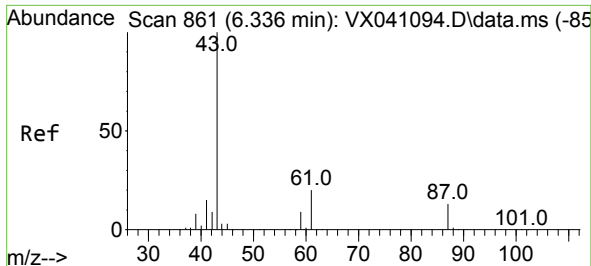
Delta R.T. -0.128 min

Lab File: VX041260.D

Acq: 26 Apr 2024 15:41

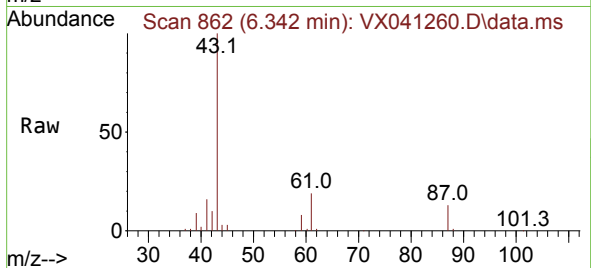
Tgt Ion:	117	Resp:	11280
Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.2	117.2#
121	0.0	24.4	36.6#



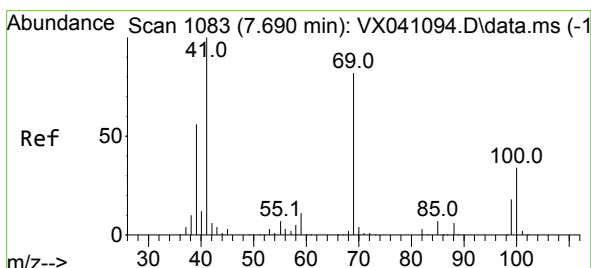
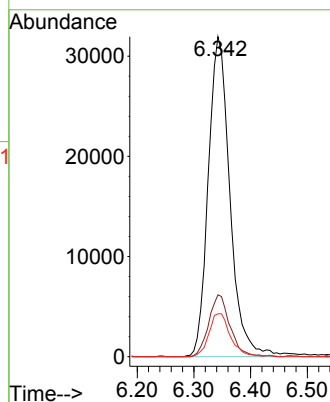
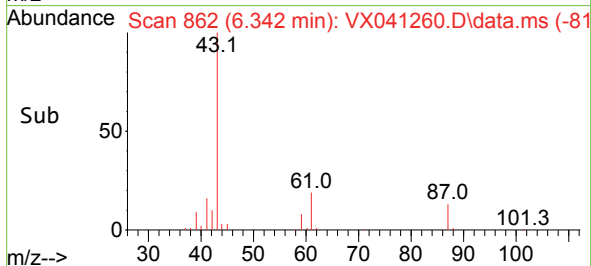


#43
Isopropyl Acetate
Concen: 31.086 ug/l
RT: 6.342 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

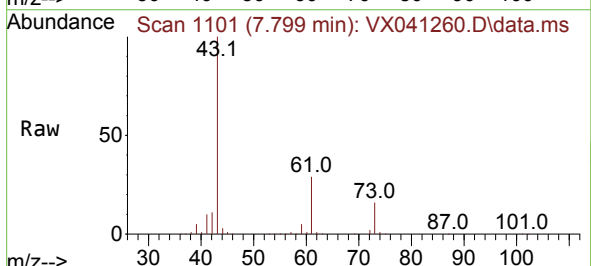
Instrument :
MSVOA_X
ClientSampleId :



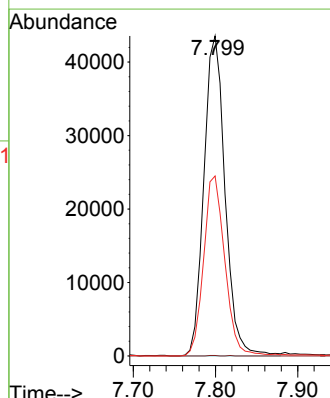
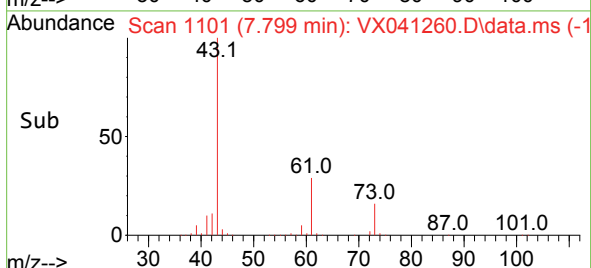
Tgt Ion: 43 Resp: 84670
Ion Ratio Lower Upper
43 100
61 19.0 15.2 22.8
87 13.3 9.8 14.6

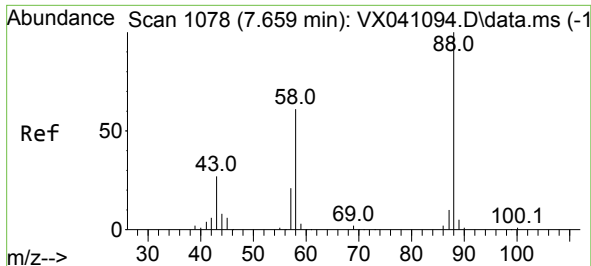


#48
Methyl methacrylate
Concen: 60.465 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41



Tgt Ion: 41 Resp: 77898
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 56.7 47.7 71.5

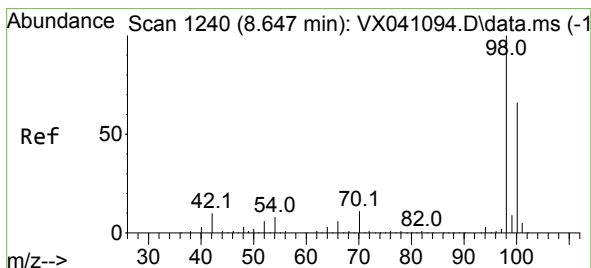
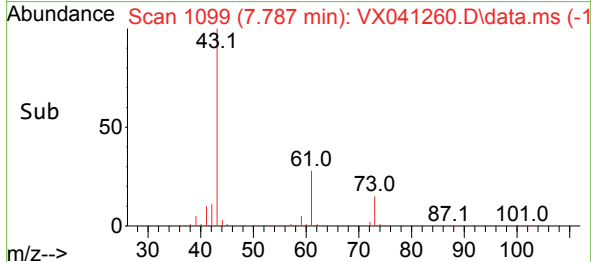
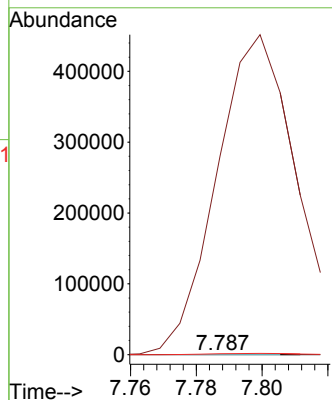
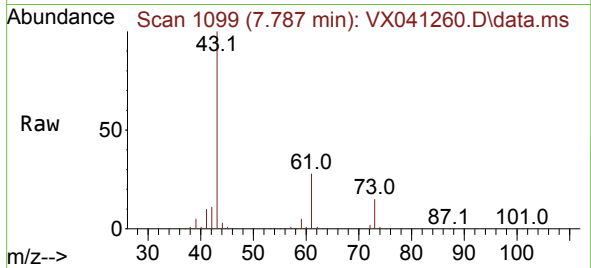




#49
1,4-Dioxane
Concen: 1.695 ug/l
RT: 7.787 min Scan# 1078
Delta R.T. 0.110 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

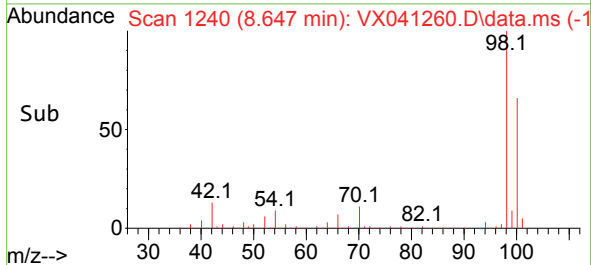
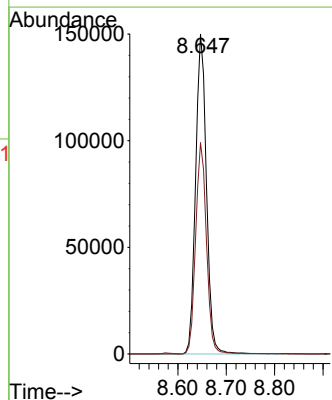
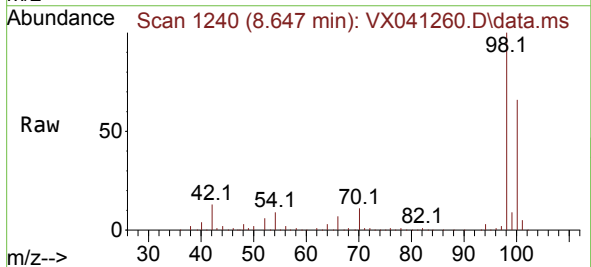
Instrument :
MSVOA_X
ClientSampleId :

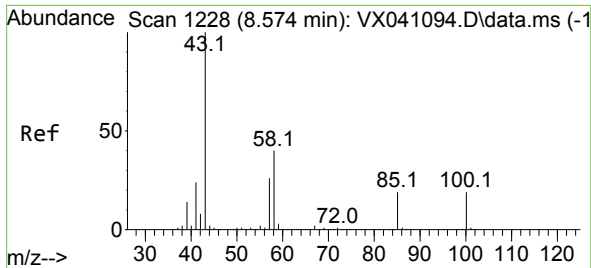
Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 1687180.9 0.0 0.0#
58 7257.4 60.1 90.1#



#50
Toluene-d8
Concen: 57.262 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

Tgt Ion: 98 Resp: 232695
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

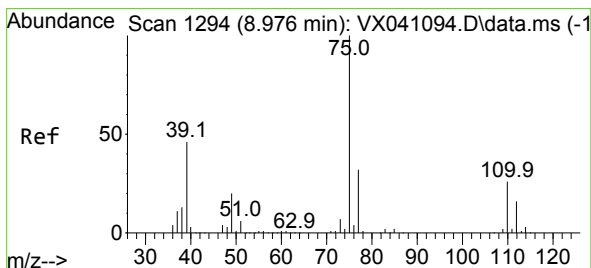
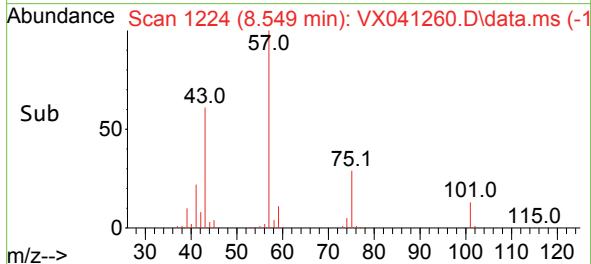
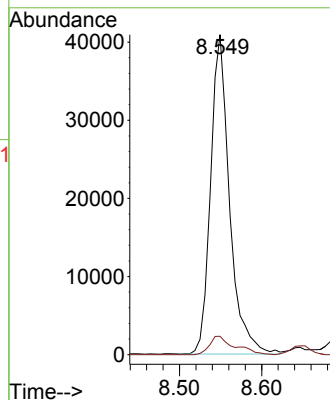
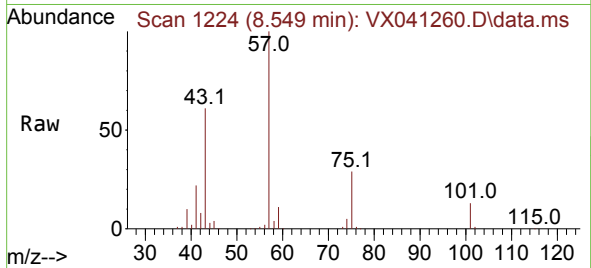




#51
4-Methyl-2-Pentanone
Concen: 38.431 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

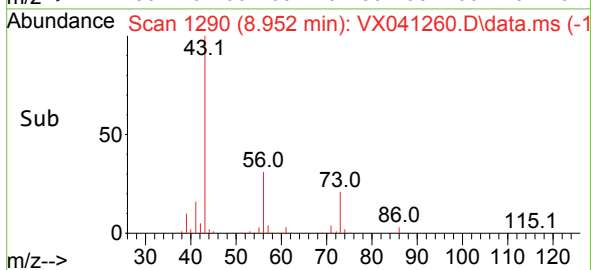
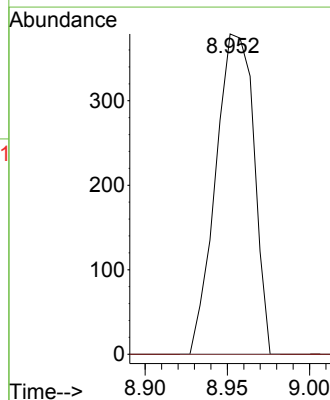
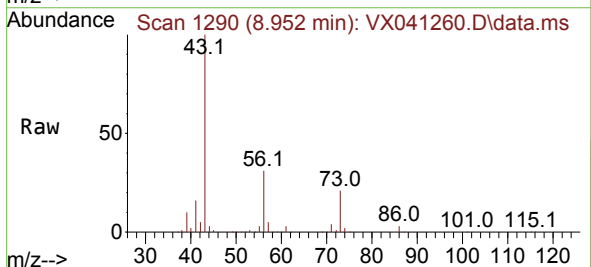
Instrument :
MSVOA_X
ClientSampleId :

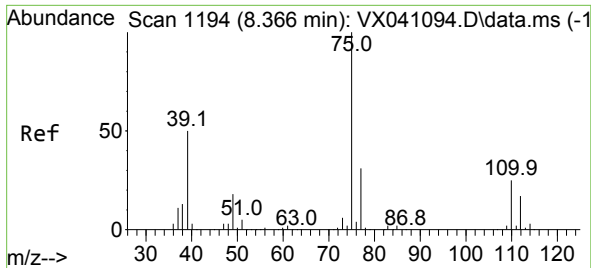
Tgt Ion: 43 Resp: 65521
Ion Ratio Lower Upper
43 100
58 7.7 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 0.398 ug/l
RT: 8.952 min Scan# 1290
Delta R.T. -0.024 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

Tgt Ion: 75 Resp: 612
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#

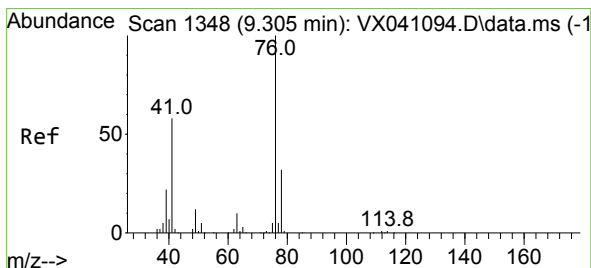
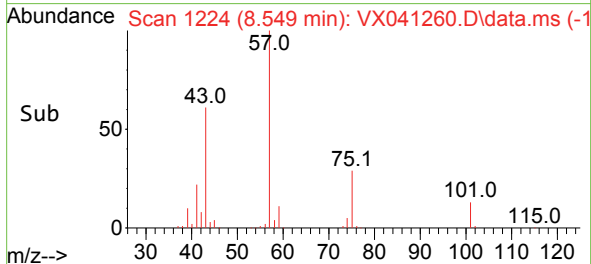
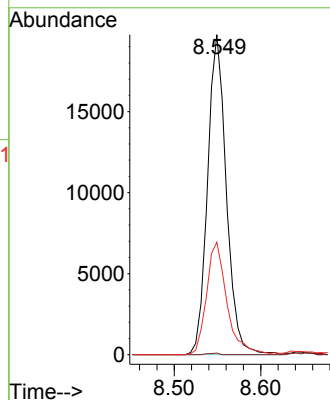
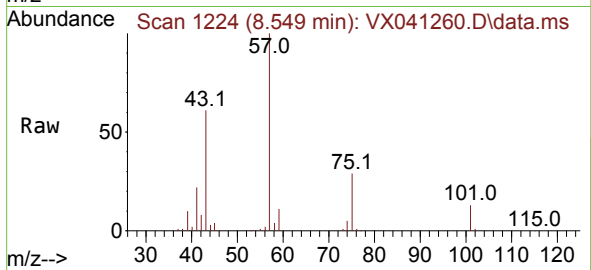




#54
 cis-1,3-Dichloropropene
 Concen: 16.994 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX041260.D
 Acq: 26 Apr 2024 15:41

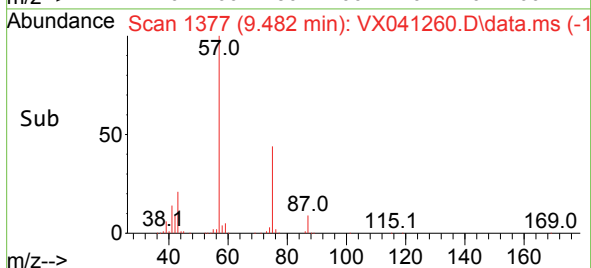
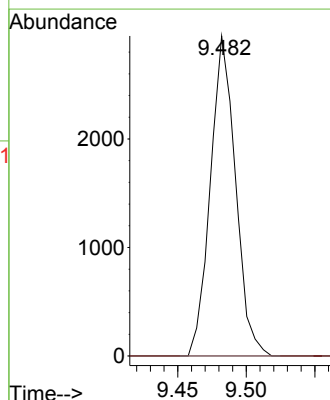
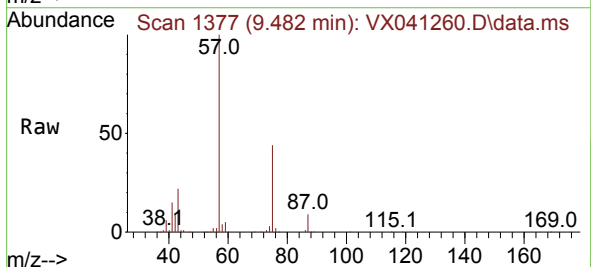
Instrument :
 MSVOA_X
 ClientSampleId :

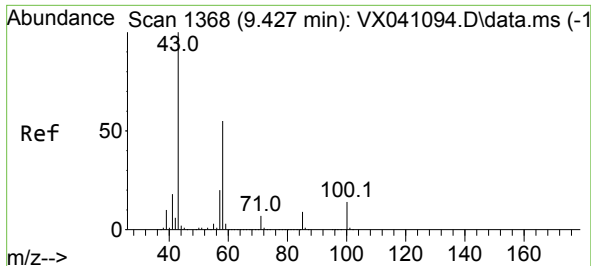
Tgt Ion: 75 Resp: 29723
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 35.2 46.7 70.1#



#57
 1,3-Dichloropropane
 Concen: 1.944 ug/l
 RT: 9.482 min Scan# 1377
 Delta R.T. 0.171 min
 Lab File: VX041260.D
 Acq: 26 Apr 2024 15:41

Tgt Ion: 76 Resp: 3766
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.1 39.1#





#59

2-Hexanone

Concen: 41.791 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX041260.D

Acq: 26 Apr 2024 15:41

Instrument :

MSVOA_X

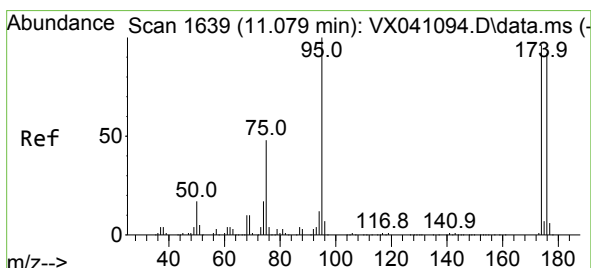
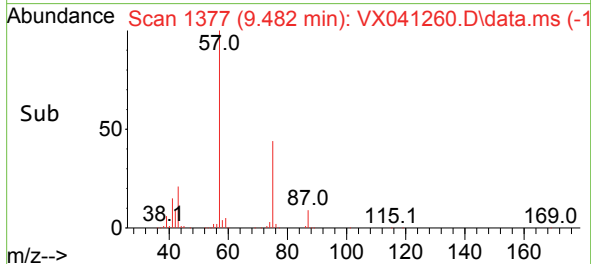
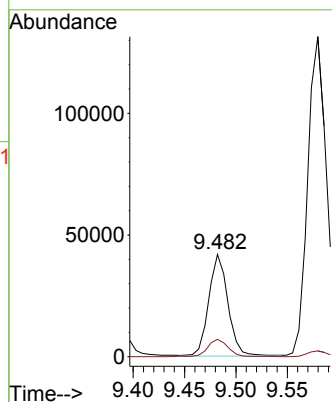
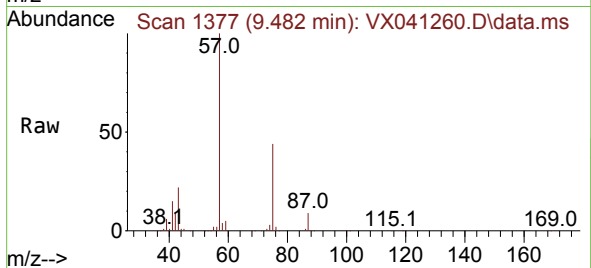
ClientSampleId :

Tgt Ion: 43 Resp: 54636

Ion Ratio Lower Upper

43 100

58 18.2 26.2 78.5#



#62

4-Bromofluorobenzene

Concen: 56.482 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX041260.D

Acq: 26 Apr 2024 15:41

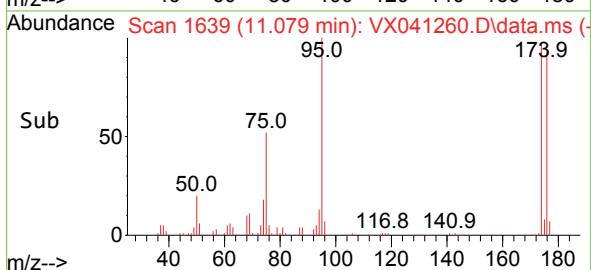
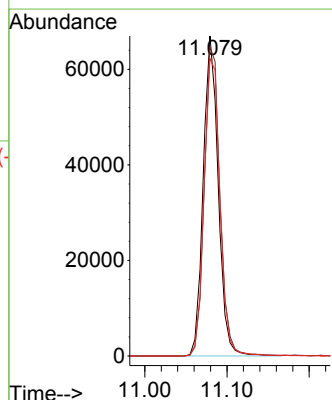
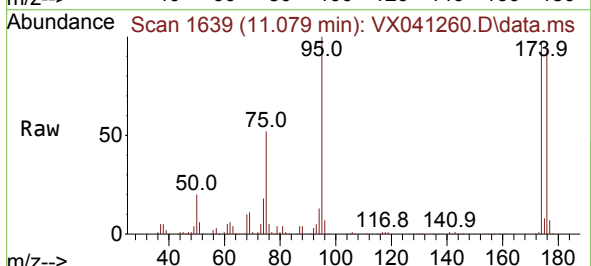
Tgt Ion: 95 Resp: 84719

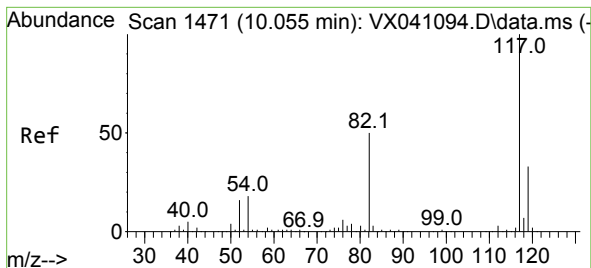
Ion Ratio Lower Upper

95 100

174 100.5 0.0 135.6

176 98.5 0.0 131.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

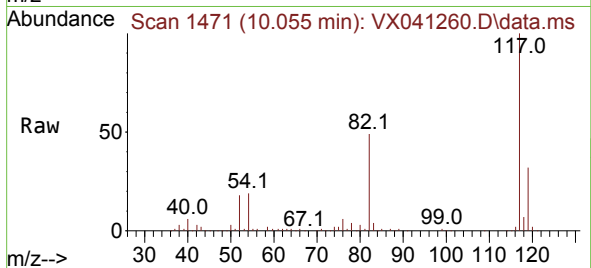
Lab File: VX041260.D

Acq: 26 Apr 2024 15:41

Instrument :

MSVOA_X

ClientSampleId :



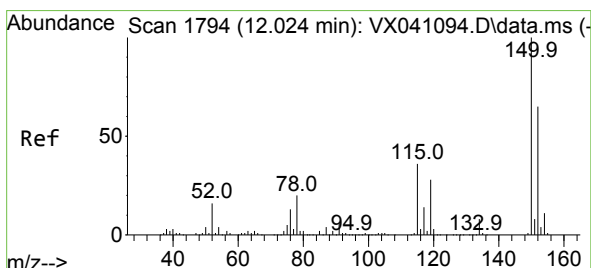
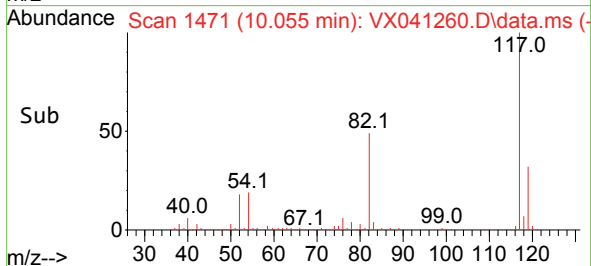
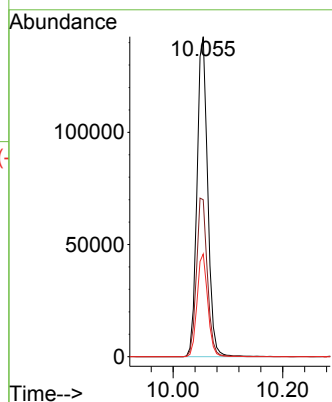
Tgt Ion:117 Resp: 194505

Ion Ratio Lower Upper

117 100

82 49.0 46.2 69.4

119 32.1 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VX041260.D

Acq: 26 Apr 2024 15:41

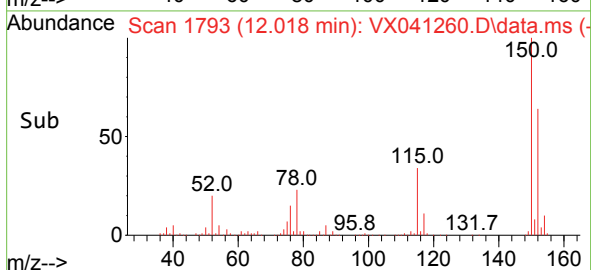
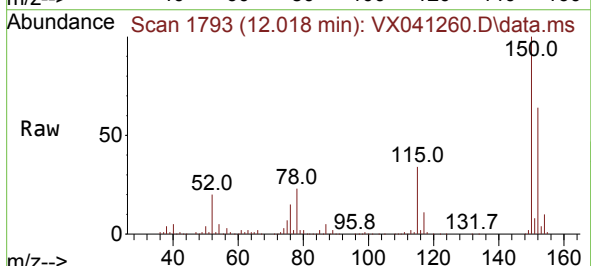
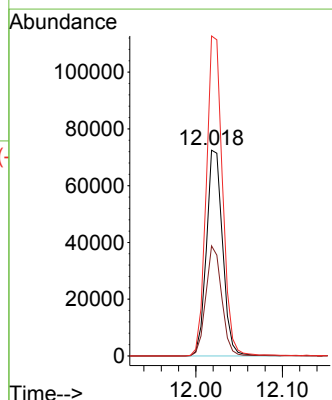
Tgt Ion:152 Resp: 94117

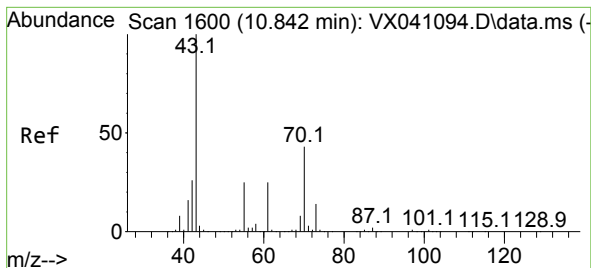
Ion Ratio Lower Upper

152 100

115 52.6 43.3 129.9

150 156.5 0.0 345.0





#74

N-amy1 acetate

Concen: 7.265 ug/l

RT: 10.640 min Scan# 1639

Delta R.T. -0.201 min

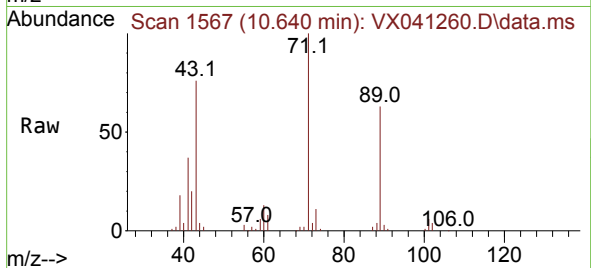
Lab File: VX041260.D

Acq: 26 Apr 2024 15:41

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 43 Resp: 16721

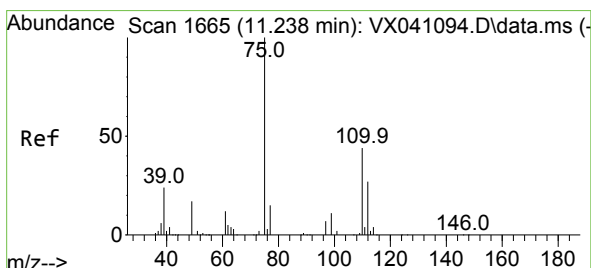
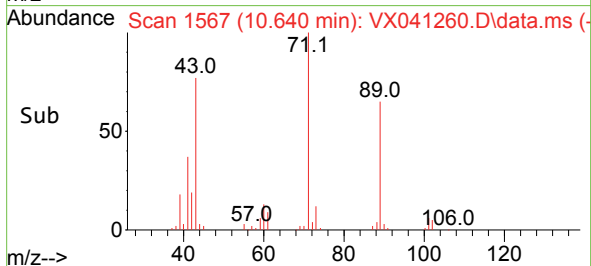
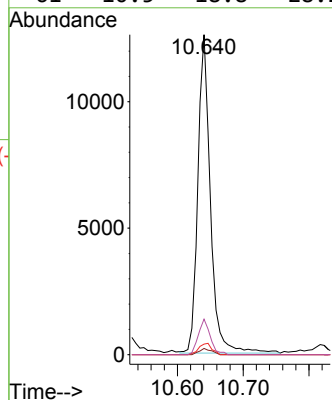
Ion Ratio Lower Upper

43 100

70 1.9 32.9 49.3#

55 3.7 19.3 28.9#

61 10.5 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 28.965 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041260.D

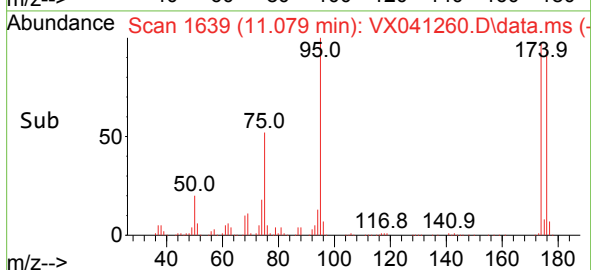
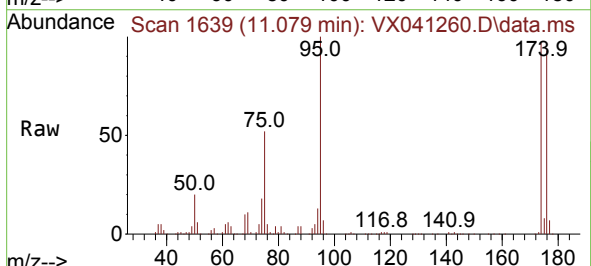
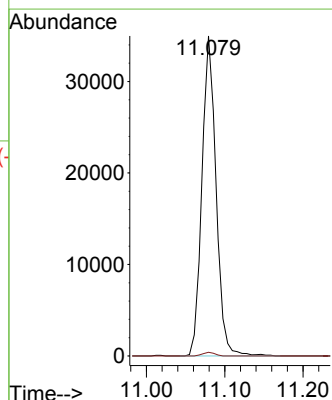
Acq: 26 Apr 2024 15:41

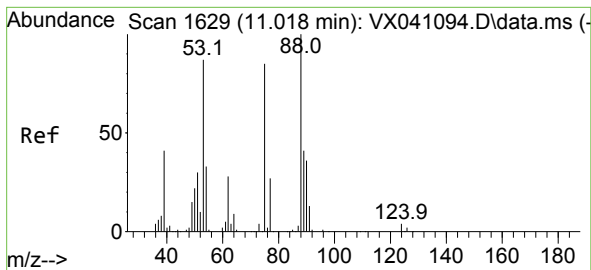
Tgt Ion: 75 Resp: 43922

Ion Ratio Lower Upper

75 100

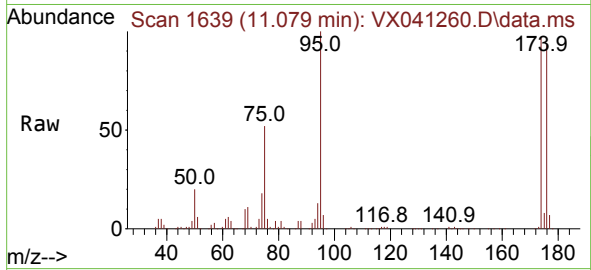
77 1.0 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.719 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX041260.D
Acq: 26 Apr 2024 15:41

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 43922
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

