

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042624\
 Data File : VX041263.D
 Acq On : 26 Apr 2024 16:50
 Operator : JC/MD
 Sample : P2270-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 27 02:20:45 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)

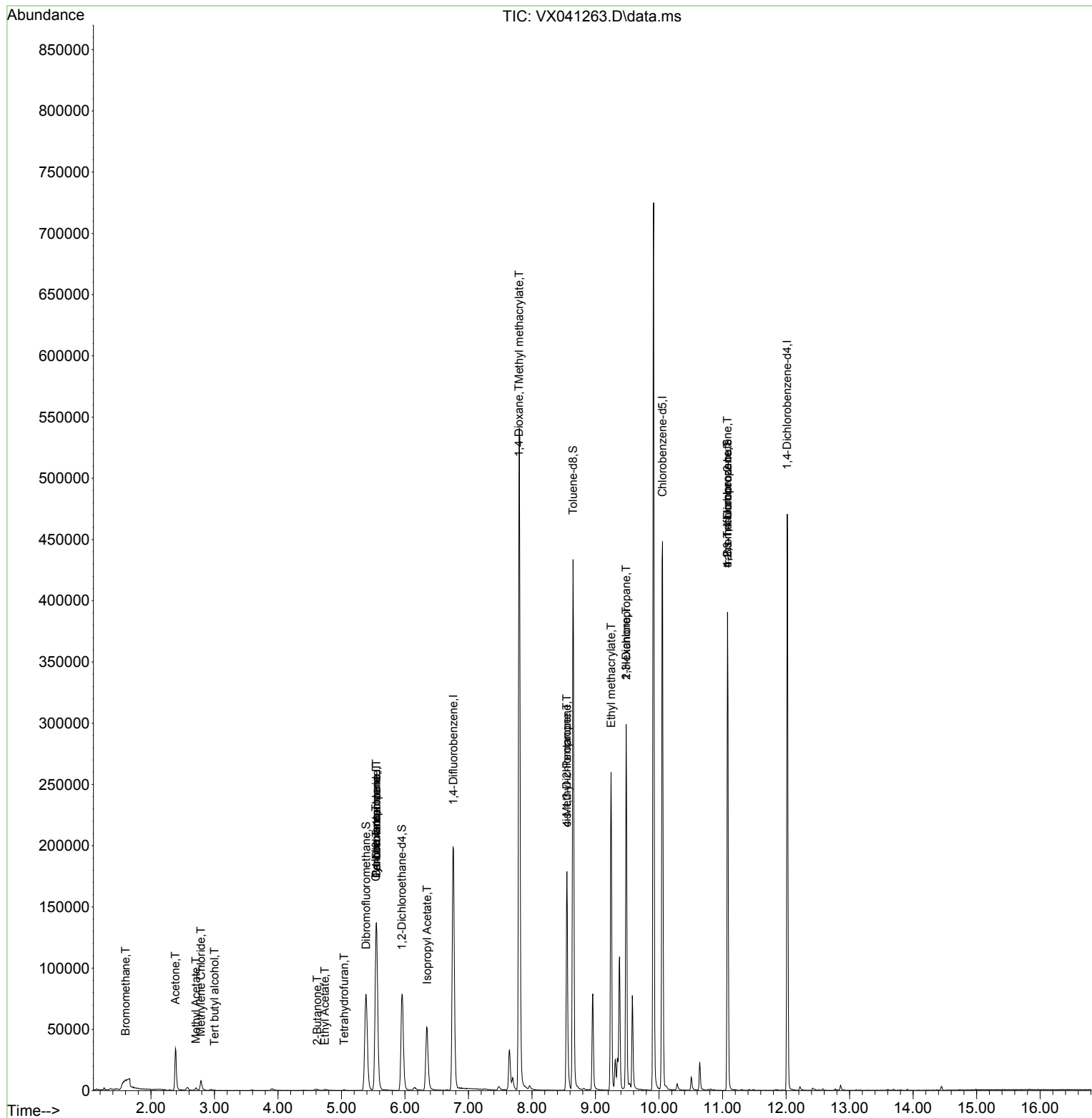
Internal Standards						
1) Pentafluorobenzene	5.550	168	148264	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	216016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	207792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	102860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79855	56.580	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.160%
35) Dibromofluoromethane	5.385	113	68460	52.100	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.200%
50) Toluene-d8	8.647	98	251747	56.786	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	113.580%#
62) 4-Bromofluorobenzene	11.079	95	91851	56.133	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	112.260%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	365	0.511	ug/l	98
11) Tert butyl alcohol	3.001	59	299	1.183	ug/l	# 78
16) Acetone	2.386	43	38975	75.867	ug/l	97
18) Methyl Acetate	2.709	43	2702	1.778	ug/l	93
20) Methylene Chloride	2.788	84	4359	3.474	ug/l	89
25) 2-Butanone	4.617	43	2630	2.998	ug/l	# 88
29) Tetrahydrofuran	5.044	42	466	0.780	ug/l	# 53
31) Cyclohexane	5.544	56	2653	1.397	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	8961	5.330	ug/l	# 52
37) Ethyl Acetate	4.739	43	1207	0.654	ug/l	# 84
38) Carbon Tetrachloride	5.550	117	12784	6.808	ug/l	# 16
43) Isopropyl Acetate	6.348	43	75160	25.294	ug/l	99
48) Methyl methacrylate	7.799	41	51043	36.317	ug/l	# 49
49) 1,4-Dioxane	7.793	88	20	0.661	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.549	43	64109	34.468	ug/l	# 50
54) cis-1,3-Dichloropropene	8.549	75	28536	14.955	ug/l	# 60
56) Ethyl methacrylate	9.244	69	631	0.323	ug/l	# 1
57) 1,3-Dichloropropane	9.482	76	2657	1.257	ug/l	# 42
59) 2-Hexanone	9.482	43	36906	25.876	ug/l	# 53
76) 1,2,3-Trichloropropane	11.079	75	48190	29.078	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	48190	82.039	ug/l	# 5

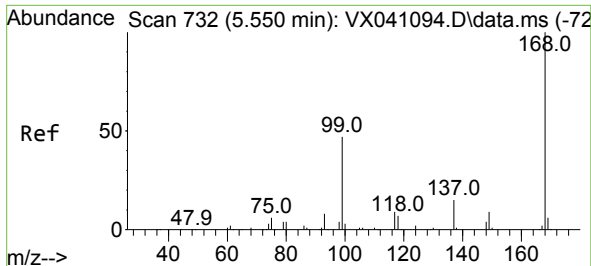
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

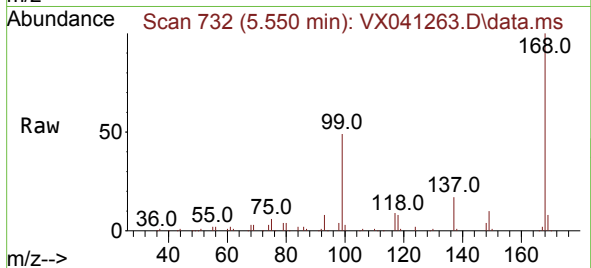
Quant Time: Apr 27 02:20:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
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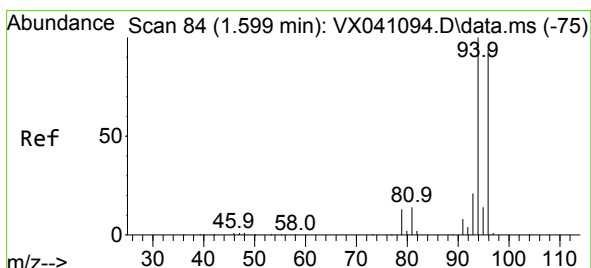
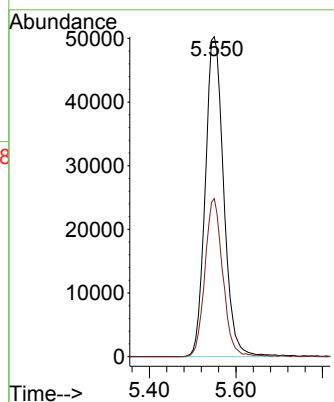
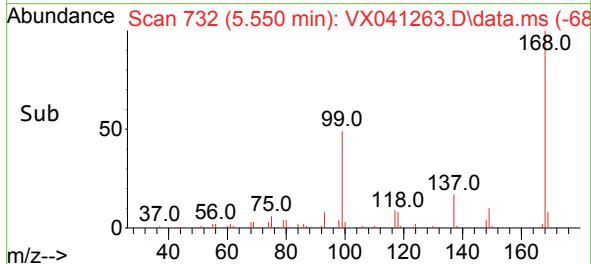


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

Instrument :
MSVOA_X
ClientSampleId :

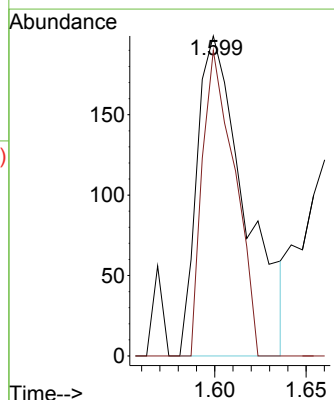
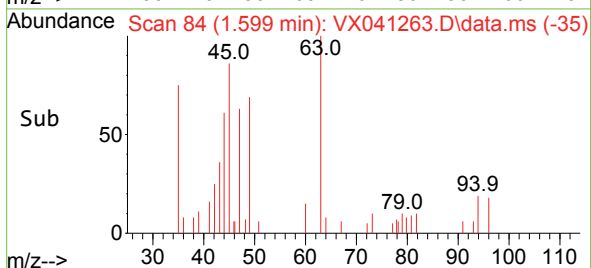
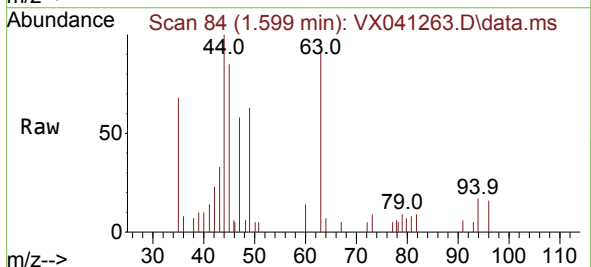


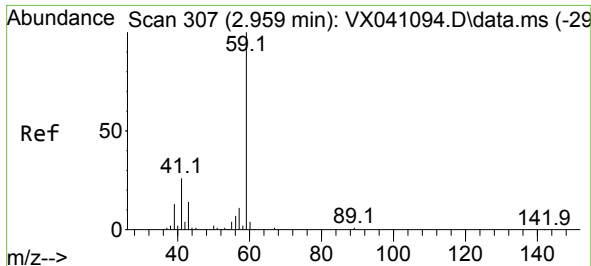
Tgt Ion:168 Resp: 148264
Ion Ratio Lower Upper
168 100
99 49.4 56.6 85.0#



#5
Bromomethane
Concen: 0.511 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

Tgt Ion: 94 Resp: 365
Ion Ratio Lower Upper
94 100
96 95.5 74.6 111.8





#11

Tert butyl alcohol

Concen: 1.183 ug/l

RT: 3.001 min Scan# 314

Delta R.T. -0.061 min

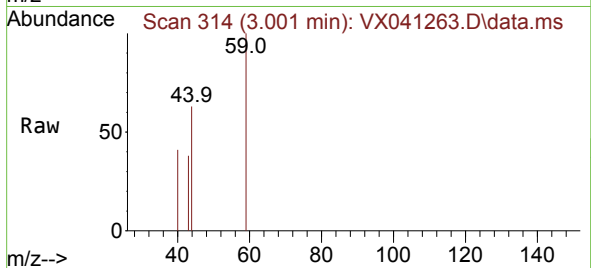
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Acq: 26 Apr 2024 16:50

Instrument :

MSVOA_X

ClientSampleId :

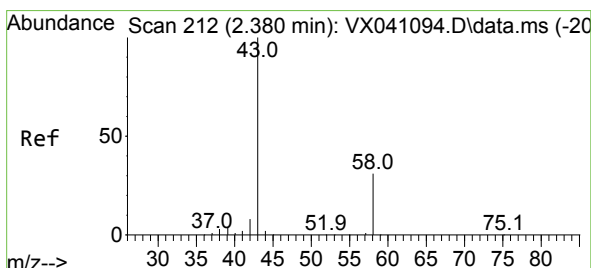
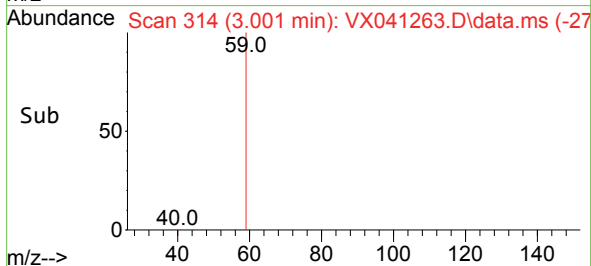
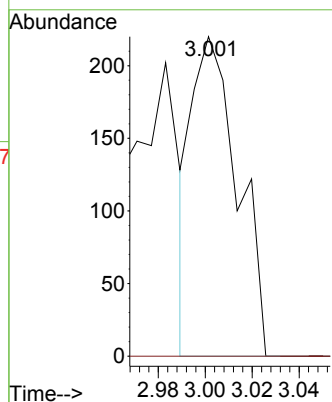


Tgt Ion: 59 Resp: 299

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#16

Acetone

Concen: 75.867 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.012 min

Lab File: VX041263.D

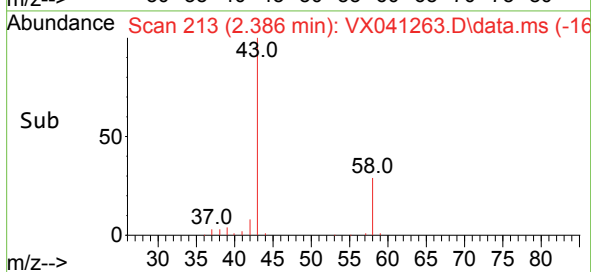
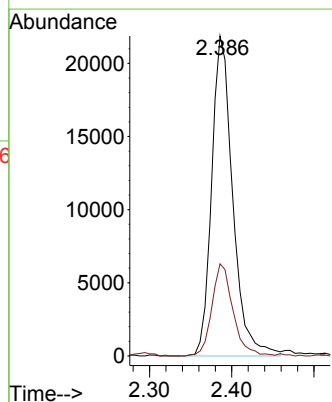
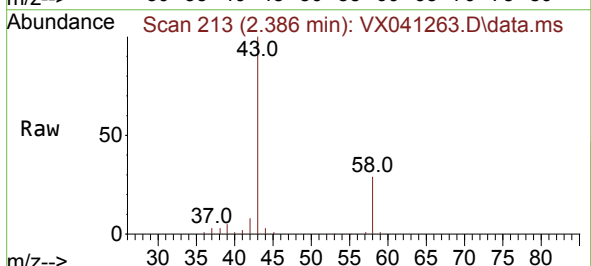
Acq: 26 Apr 2024 16:50

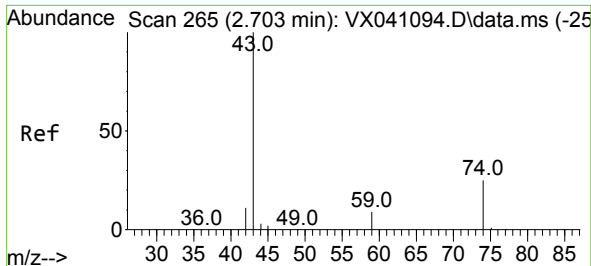
Tgt Ion: 43 Resp: 38975

Ion Ratio Lower Upper

43 100

58 28.8 21.9 32.9

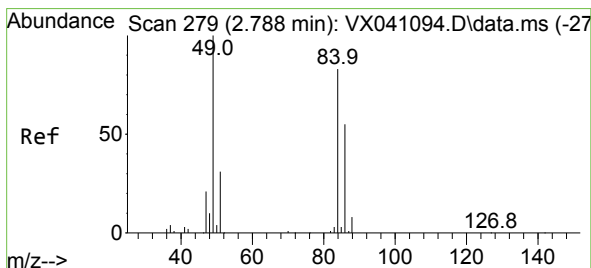
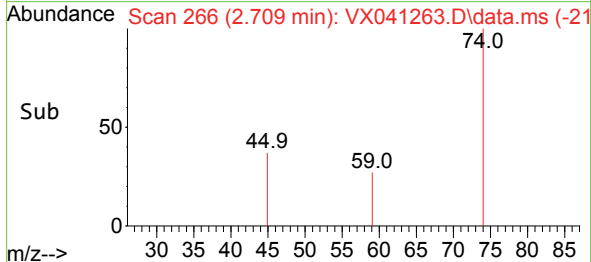
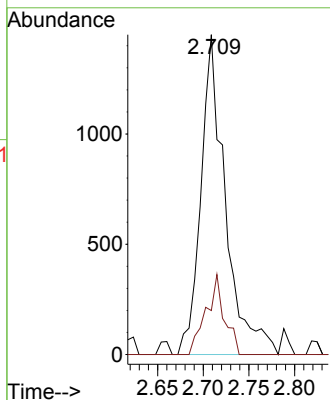
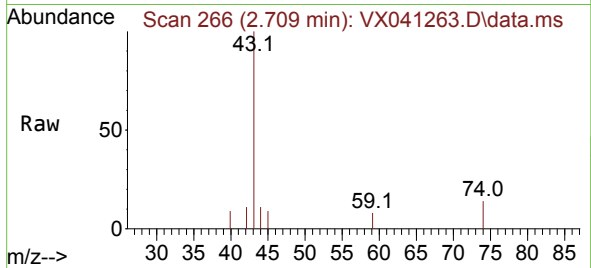




#18
Methyl Acetate
Concen: 1.778 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

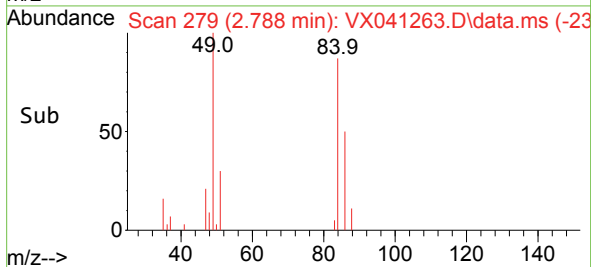
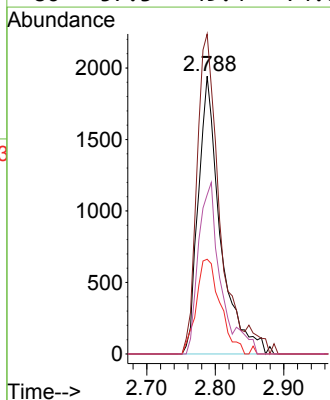
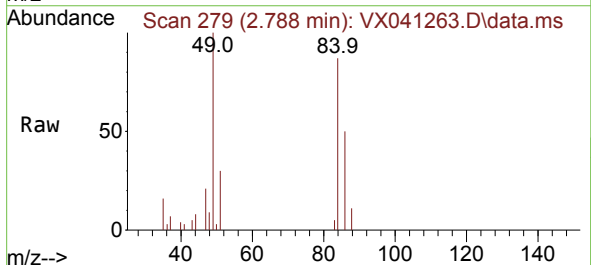
Instrument :
MSVOA_X
ClientSampleId :

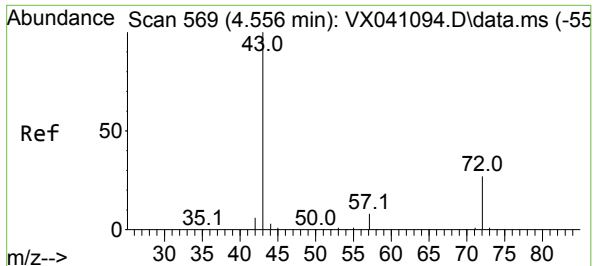
Tgt Ion: 43 Resp: 2702
Ion Ratio Lower Upper
43 100
74 18.8 17.8 26.8



#20
Methylene Chloride
Concen: 3.474 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

Tgt Ion: 84 Resp: 4359
Ion Ratio Lower Upper
84 100
49 115.2 103.6 155.4
51 34.1 33.8 50.6
86 57.3 49.4 74.0

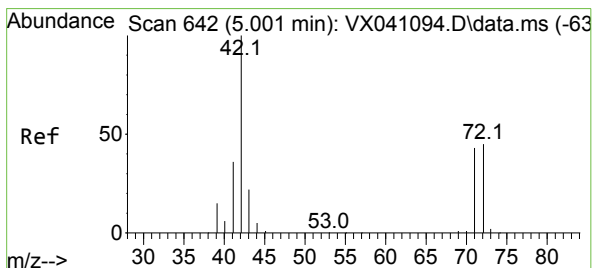
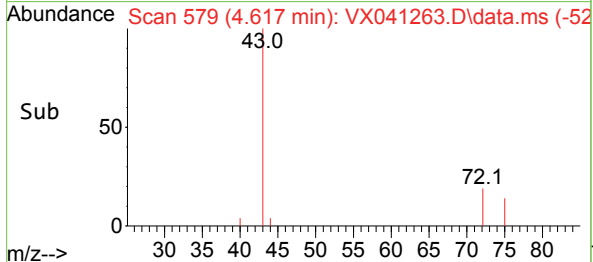
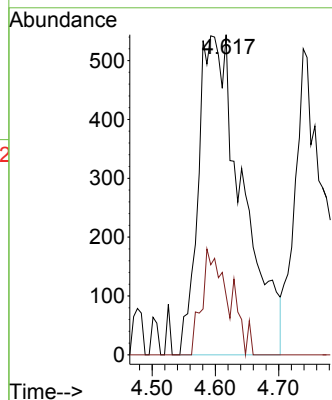
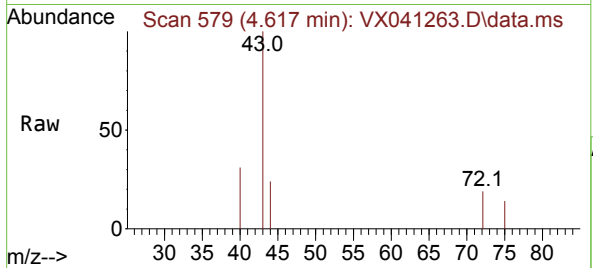




#25
2-Butanone
Concen: 2.998 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

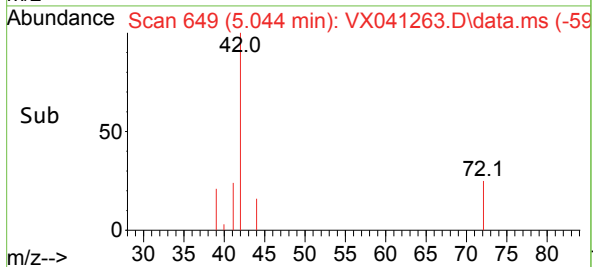
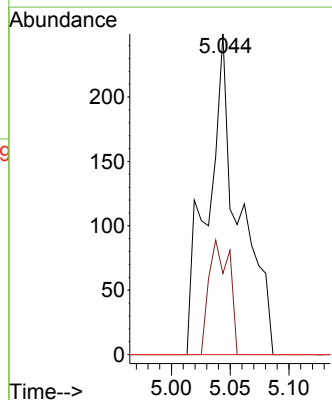
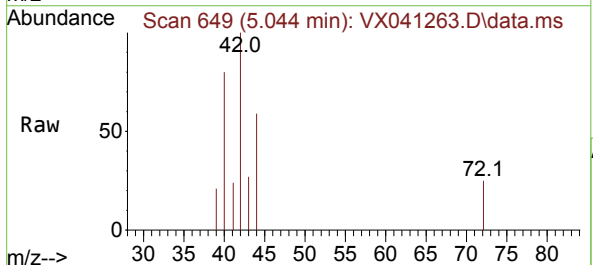
Instrument :
MSVOA_X
ClientSampleId :

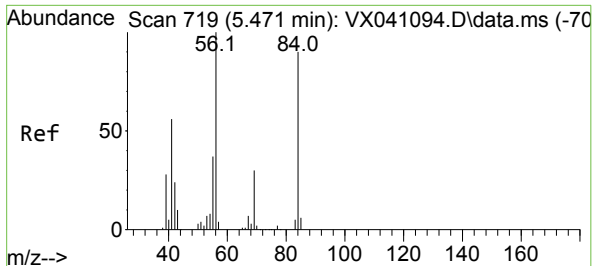
Tgt Ion: 43 Resp: 2630
Ion Ratio Lower Upper
43 100
72 18.6 19.4 29.2#



#29
Tetrahydrofuran
Concen: 0.780 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.030 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

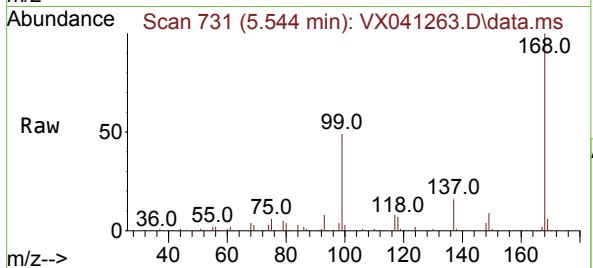
Tgt Ion: 42 Resp: 466
Ion Ratio Lower Upper
42 100
72 23.0 34.2 51.4#
71 0.0 32.2 48.2#



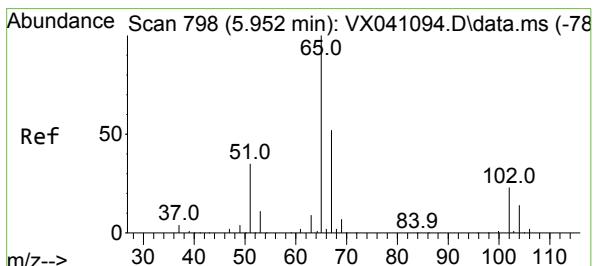
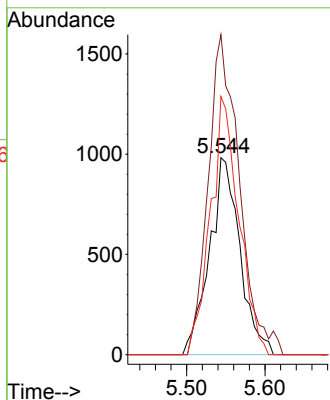
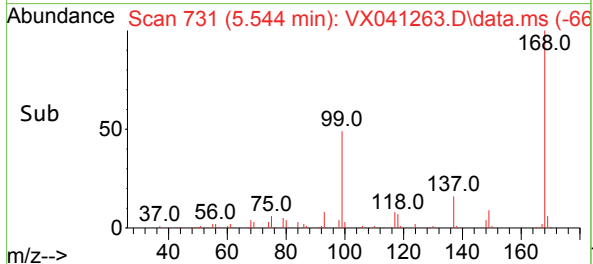


#31
Cyclohexane
Concen: 1.397 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

Instrument :
MSVOA_X
ClientSampleId :

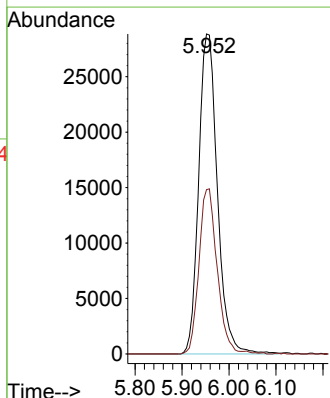
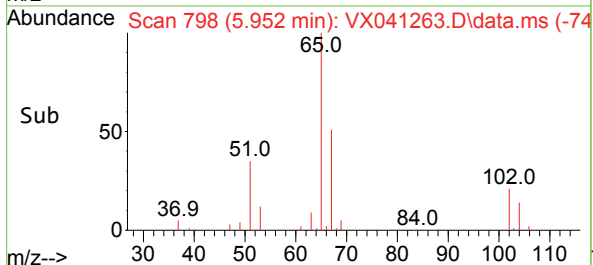
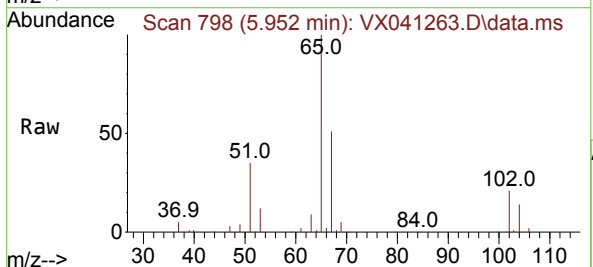


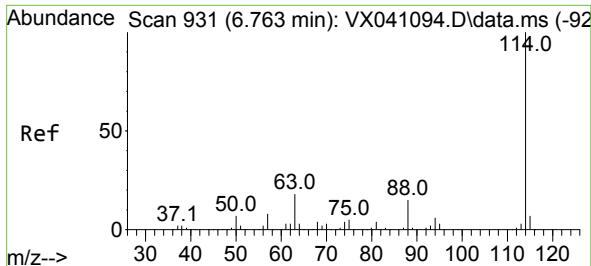
Tgt Ion: 56 Resp: 2653
Ion Ratio Lower Upper
56 100
69 162.5 23.4 35.2#
84 131.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 56.580 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

Tgt Ion: 65 Resp: 79855
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.2

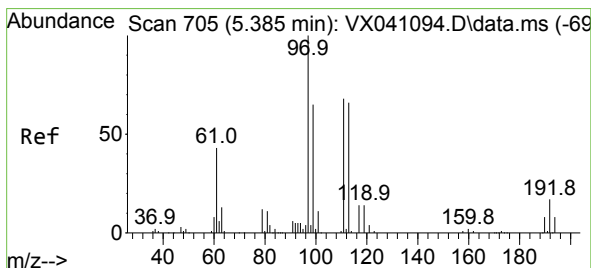
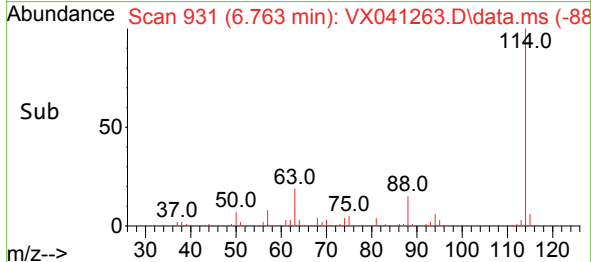
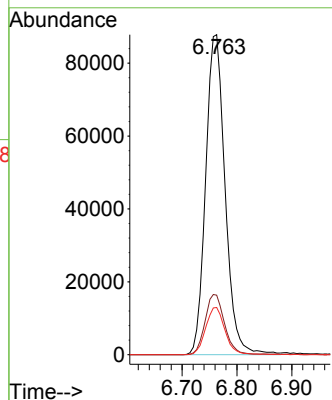
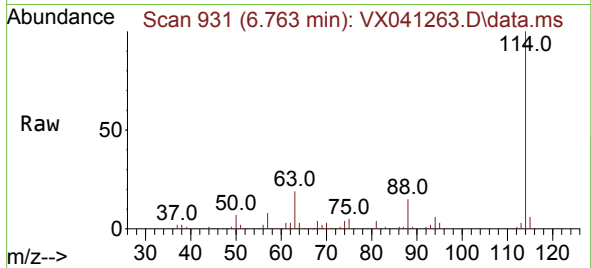




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

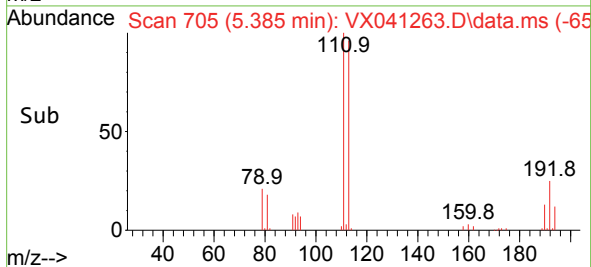
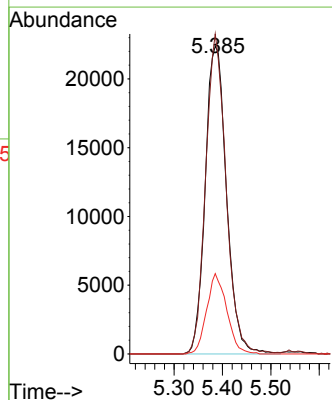
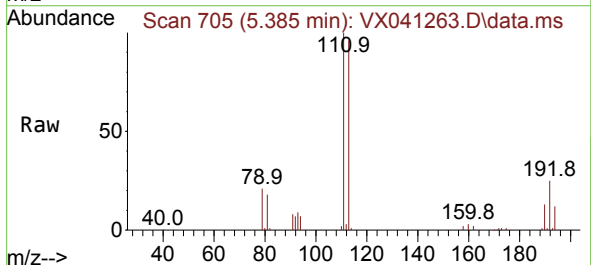
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MSVOA_X
ClientSampleId :

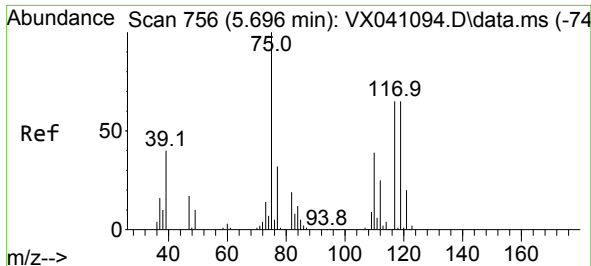
Tgt Ion:114 Resp: 216016
Ion Ratio Lower Upper
114 100
63 18.6 0.0 45.0
88 14.8 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.100 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

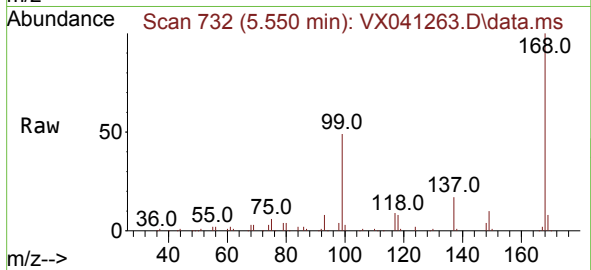
Tgt Ion:113 Resp: 68460
Ion Ratio Lower Upper
113 100
111 99.5 82.9 124.3
192 24.6 13.3 19.9#



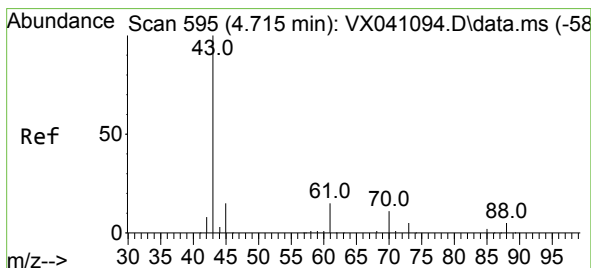
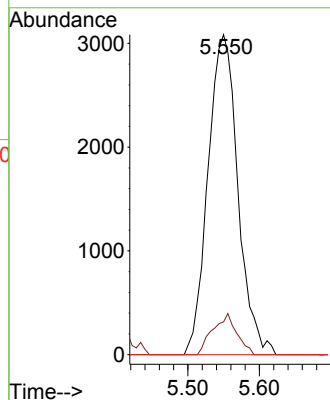
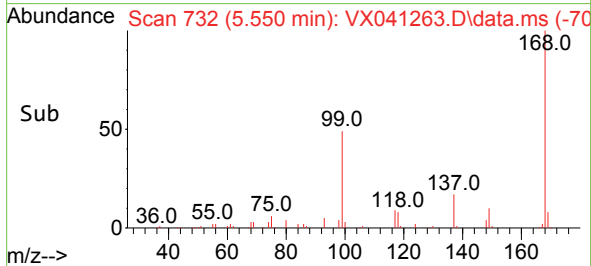


#36
1,1-Dichloropropene
Concen: 5.330 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

Instrument :
MSVOA_X
ClientSampleId :

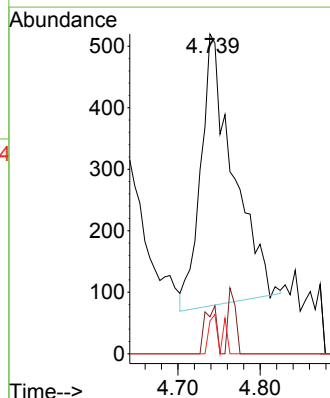
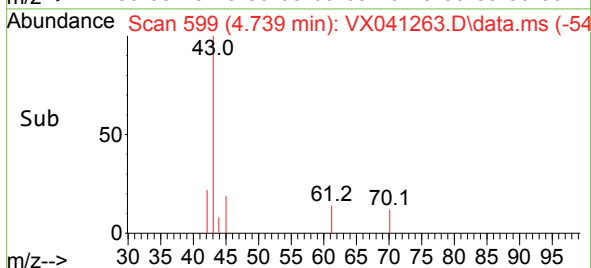
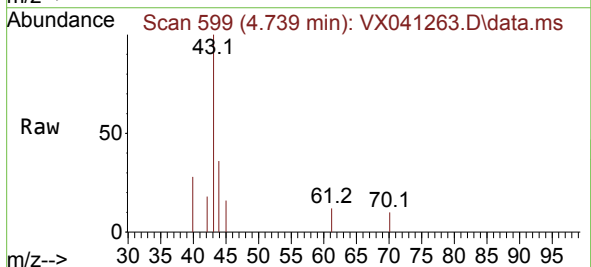


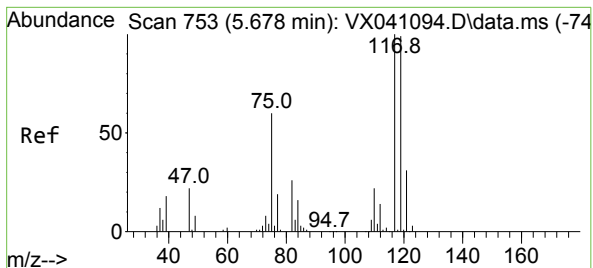
Tgt Ion: 75 Resp: 8961
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 0.654 ug/l
RT: 4.739 min Scan# 599
Delta R.T. 0.018 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

Tgt Ion: 43 Resp: 1207
Ion Ratio Lower Upper
43 100
61 6.2 10.6 16.0#
70 5.3 8.3 12.5#





#38

Carbon Tetrachloride

Concen: 6.808 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

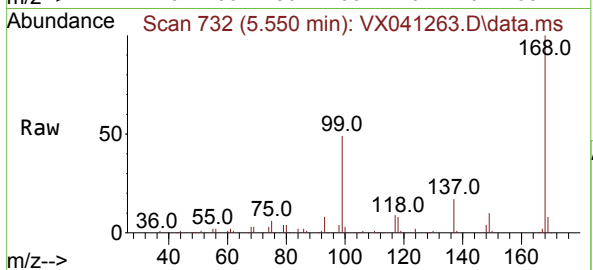
Lab File: VX041263.D

Acq: 26 Apr 2024 16:50

Instrument :

MSVOA_X

ClientSampleId :



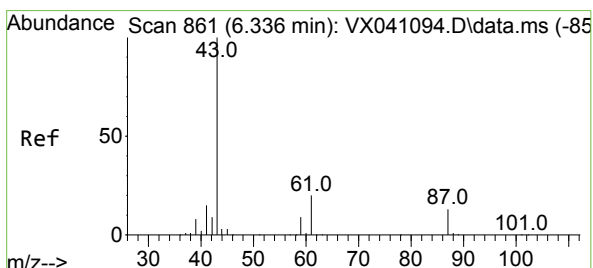
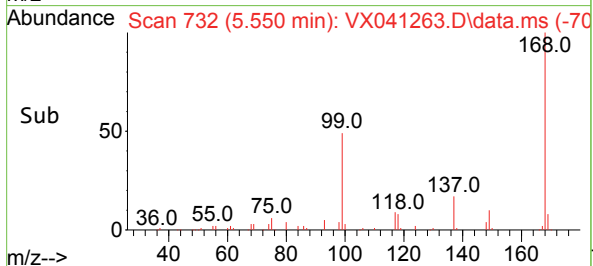
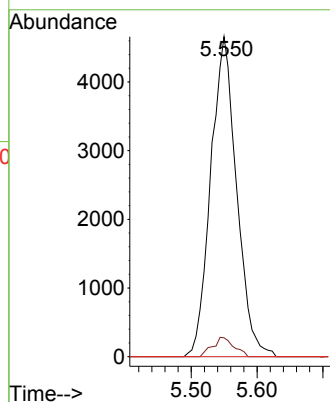
Tgt Ion:117 Resp: 12784

Ion Ratio Lower Upper

117 100

119 5.9 78.2 117.2#

121 0.0 24.4 36.6#



#43

Isopropyl Acetate

Concen: 25.294 ug/l

RT: 6.348 min Scan# 863

Delta R.T. -0.000 min

Lab File: VX041263.D

Acq: 26 Apr 2024 16:50

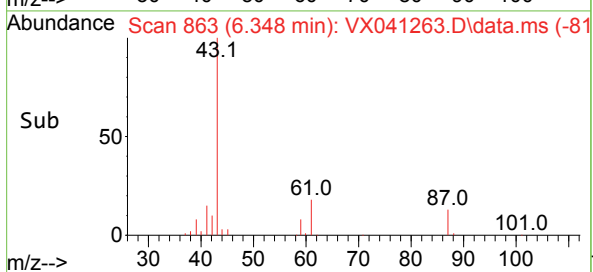
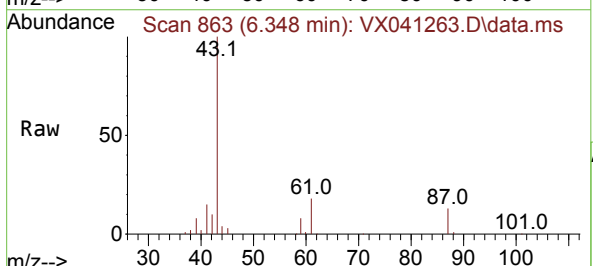
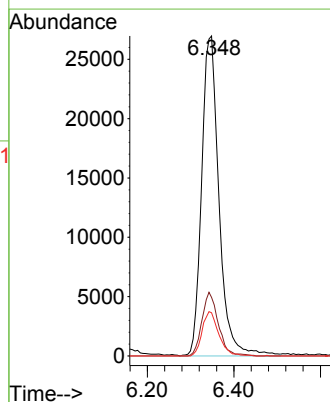
Tgt Ion: 43 Resp: 75160

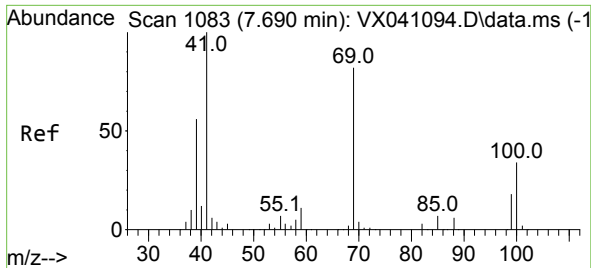
Ion Ratio Lower Upper

43 100

61 18.7 15.2 22.8

87 13.2 9.8 14.6

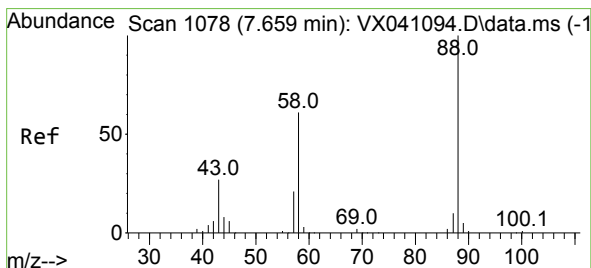
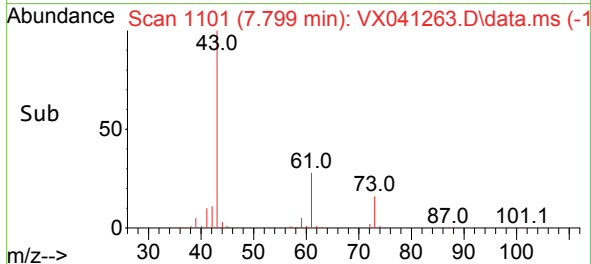
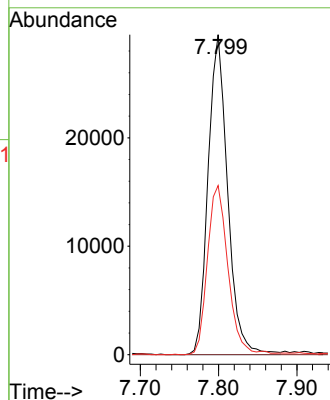
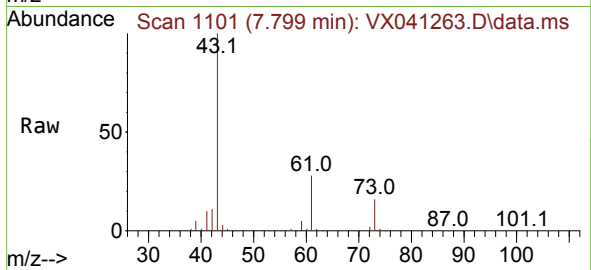




#48
Methyl methacrylate
Concen: 36.317 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

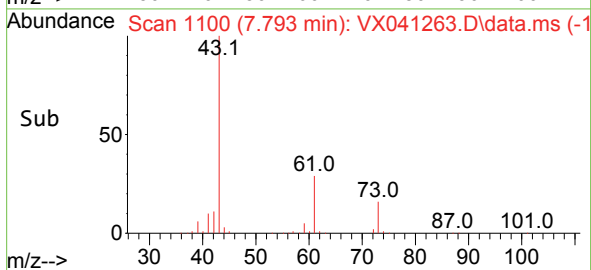
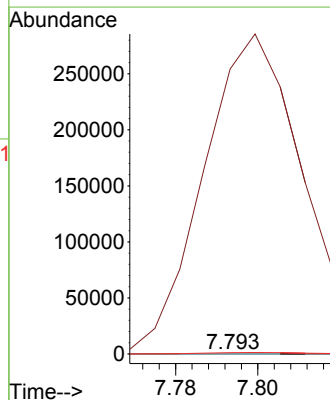
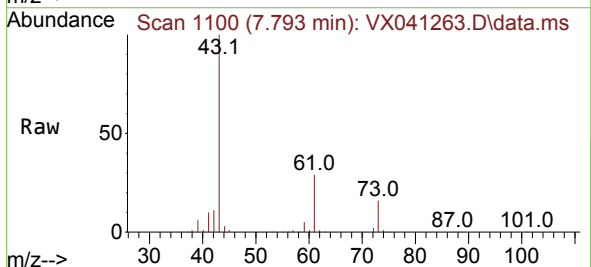
Instrument :
MSVOA_X
ClientSampleId :

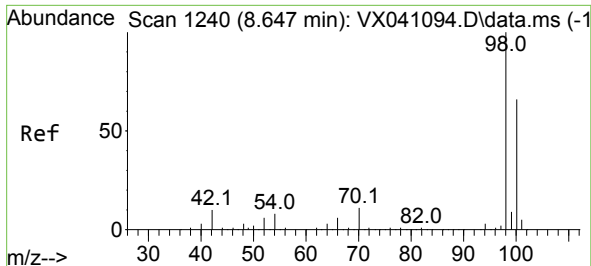
Tgt Ion: 41 Resp: 51043
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 55.8 47.7 71.5



#49
1,4-Dioxane
Concen: 0.661 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.116 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 2526860.0 0.0 0.0#
58 11760.0 60.1 90.1#

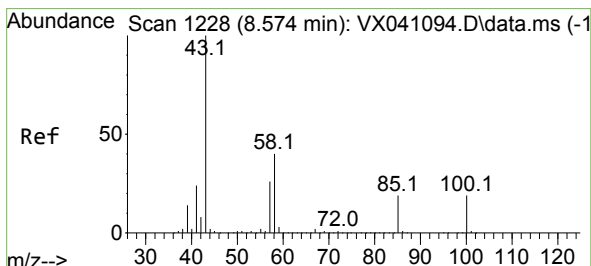
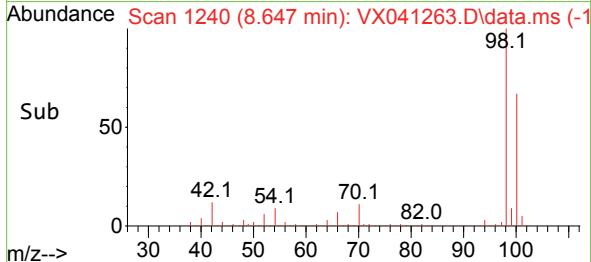
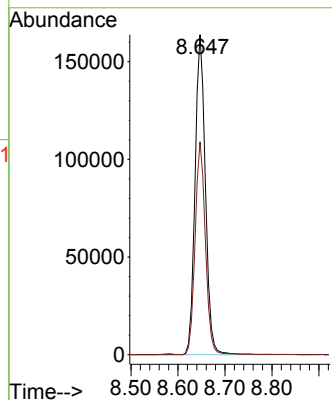
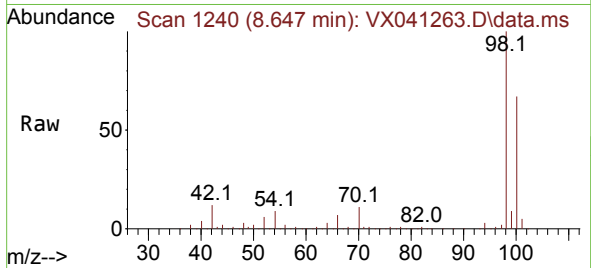




#50
Toluene-d8
Concen: 56.786 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

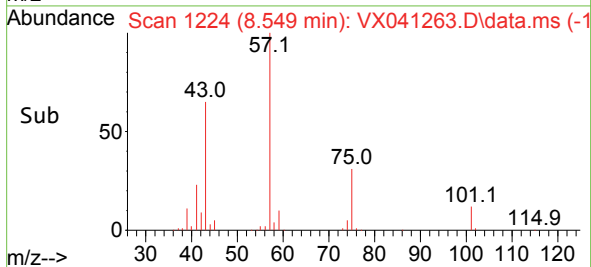
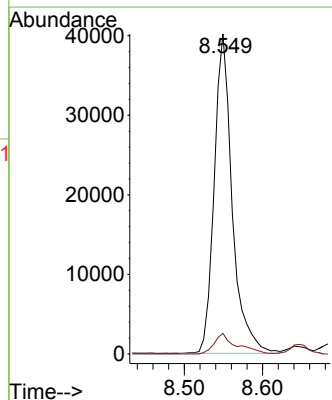
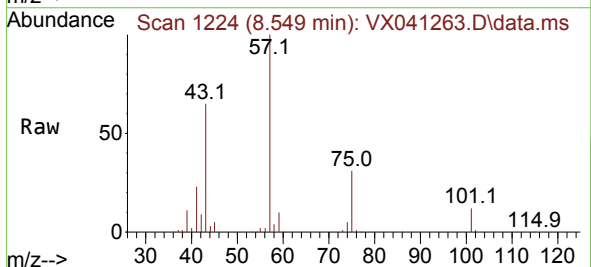
Instrument :
MSVOA_X
ClientSampleId :

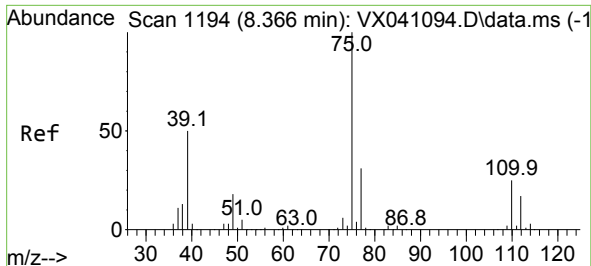
Tgt Ion: 98 Resp: 251747
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 34.468 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.031 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

Tgt Ion: 43 Resp: 64109
Ion Ratio Lower Upper
43 100
58 7.9 30.4 45.6#

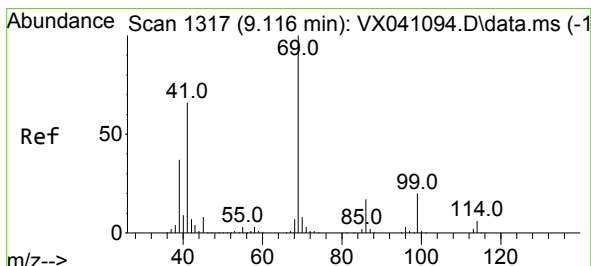
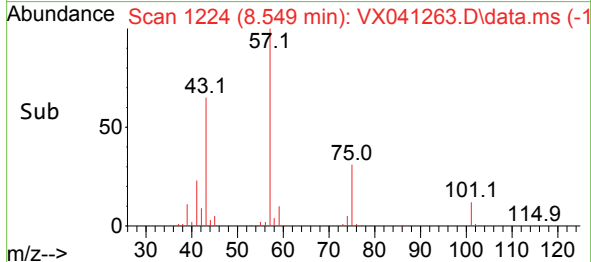
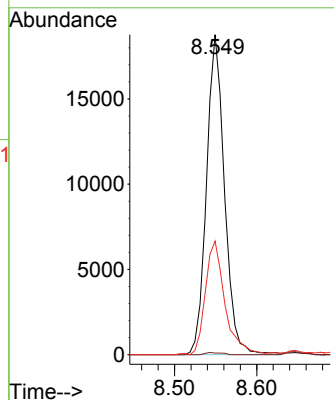
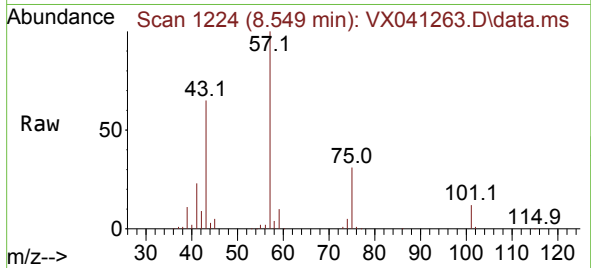




#54
 cis-1,3-Dichloropropene
 Concen: 14.955 ug/l
 RT: 8.549 min Scan# 1194
 Delta R.T. 0.183 min
 Lab File: VX041263.D
 Acq: 26 Apr 2024 16:50

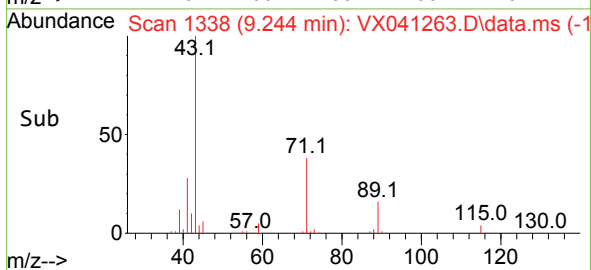
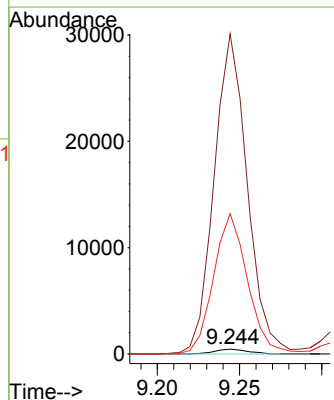
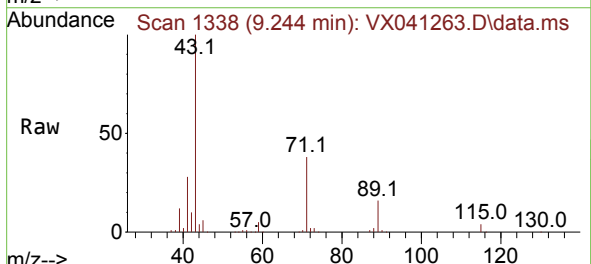
Instrument :
 MSVOA_X
 ClientSampleId :

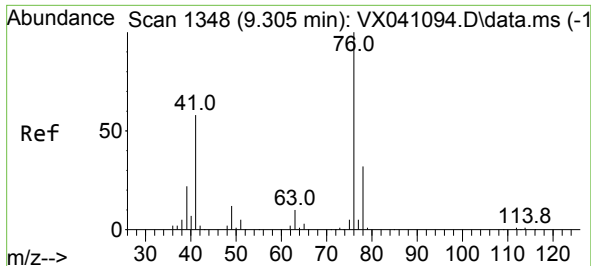
Tgt Ion: 75 Resp: 28536
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.3 37.9#
 39 35.2 46.7 70.1#



#56
 Ethyl methacrylate
 Concen: 0.323 ug/l
 RT: 9.244 min Scan# 1338
 Delta R.T. 0.122 min
 Lab File: VX041263.D
 Acq: 26 Apr 2024 16:50

Tgt Ion: 69 Resp: 631
 Ion Ratio Lower Upper
 69 100
 41 6718.2 56.8 85.2#
 39 3008.4 32.0 48.0#





#57

1,3-Dichloropropane

Concen: 1.257 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX041263.D

Acq: 26 Apr 2024 16:50

Instrument :

MSVOA_X

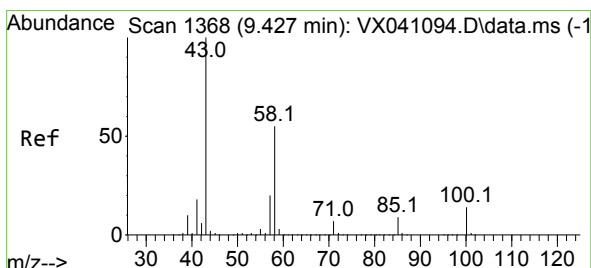
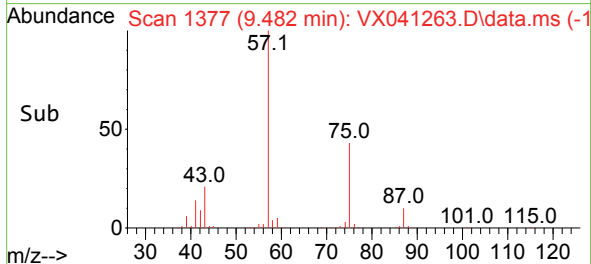
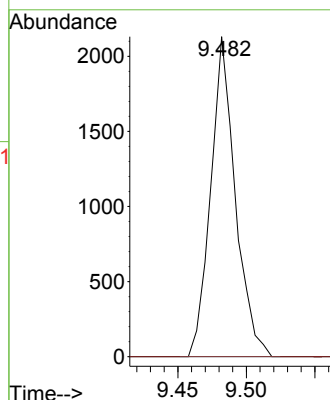
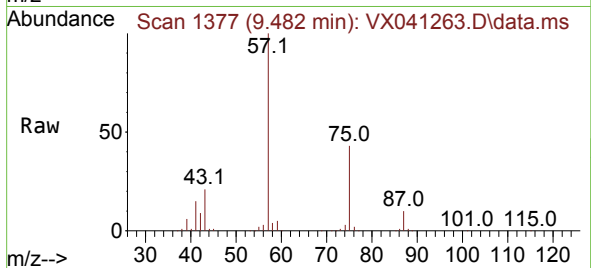
ClientSampleId :

Tgt Ion: 76 Resp: 2657

Ion Ratio Lower Upper

76 100

78 0.0 26.1 39.1#



#59

2-Hexanone

Concen: 25.876 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX041263.D

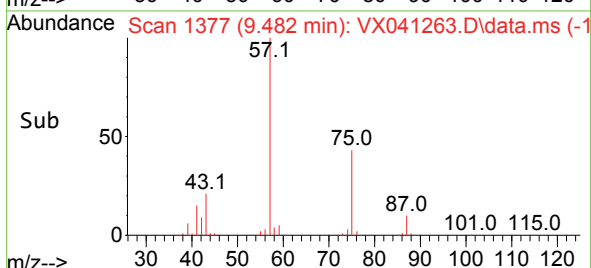
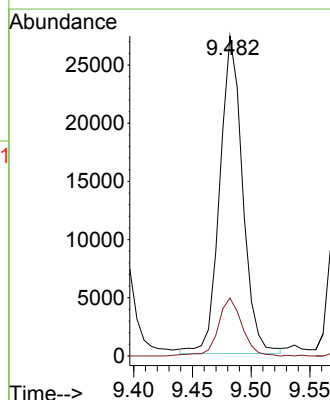
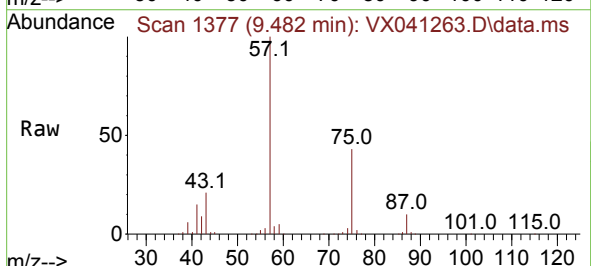
Acq: 26 Apr 2024 16:50

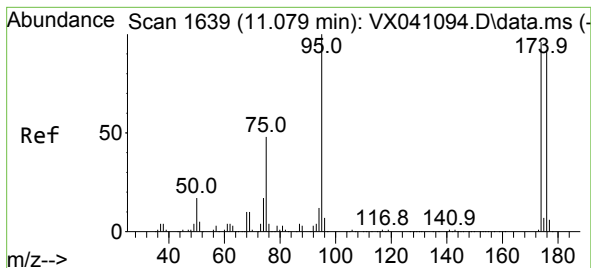
Tgt Ion: 43 Resp: 36906

Ion Ratio Lower Upper

43 100

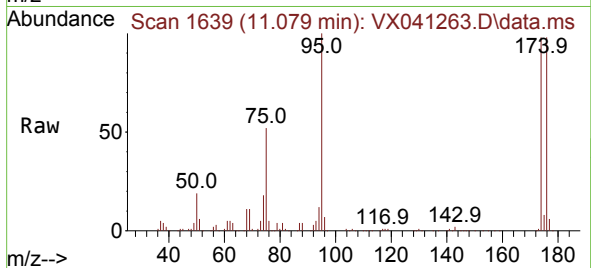
58 19.2 26.2 78.5#



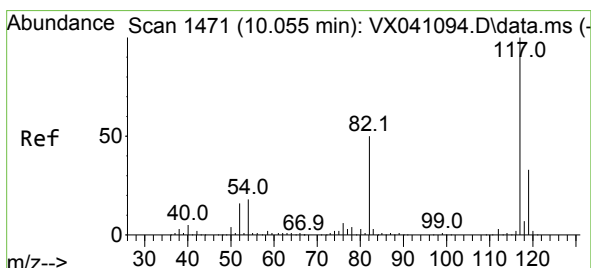
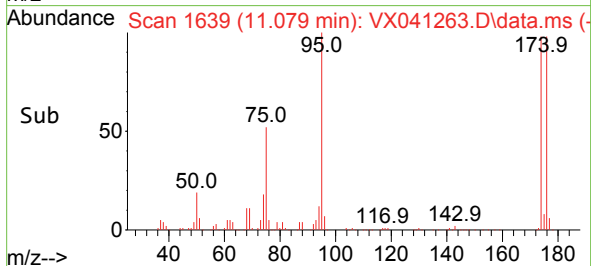
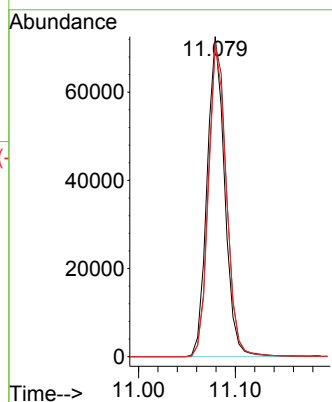


#62
4-Bromofluorobenzene
Concen: 56.133 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

Instrument :
MSVOA_X
ClientSampleId :

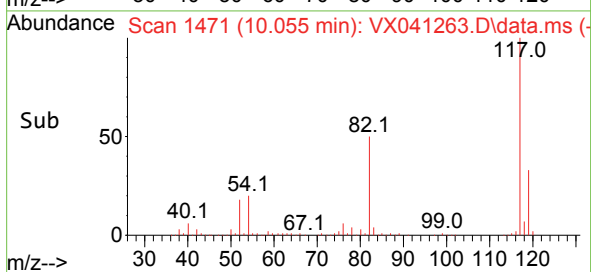
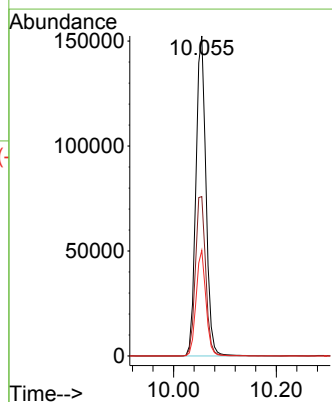
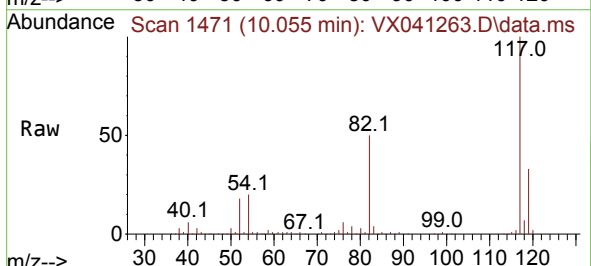


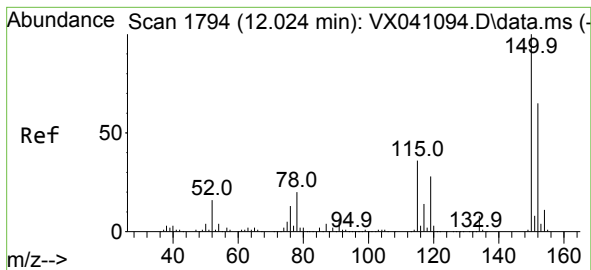
Tgt Ion: 95 Resp: 91851
Ion Ratio Lower Upper
95 100
174 101.7 0.0 135.6
176 98.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041263.D
Acq: 26 Apr 2024 16:50

Tgt Ion: 117 Resp: 207792
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 33.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX041263.D

Acq: 26 Apr 2024 16:50

Instrument :

MSVOA_X

ClientSampleId :

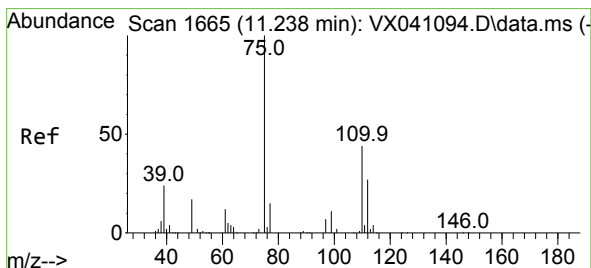
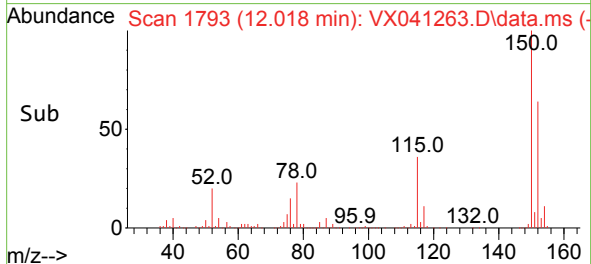
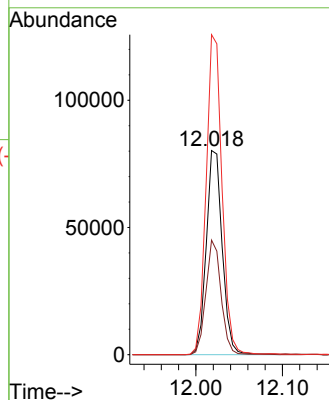
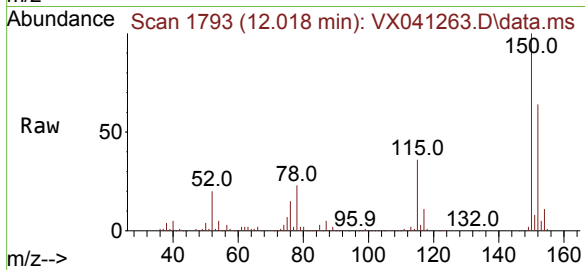
Tgt Ion:152 Resp: 102860

Ion Ratio Lower Upper

152 100

115 53.4 43.3 129.9

150 155.1 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 29.078 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041263.D

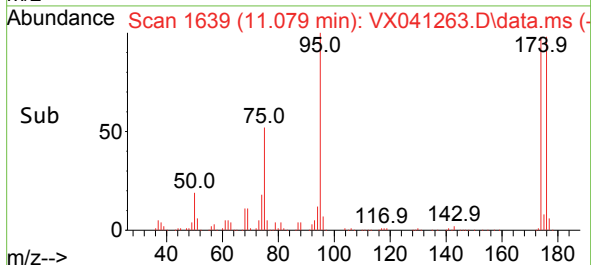
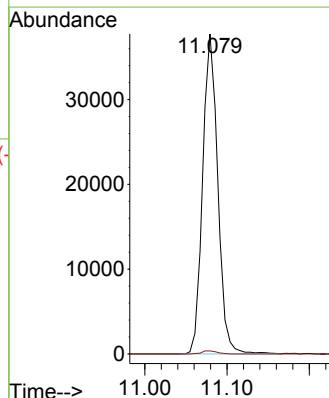
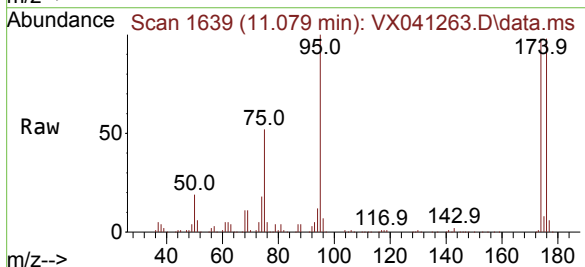
Acq: 26 Apr 2024 16:50

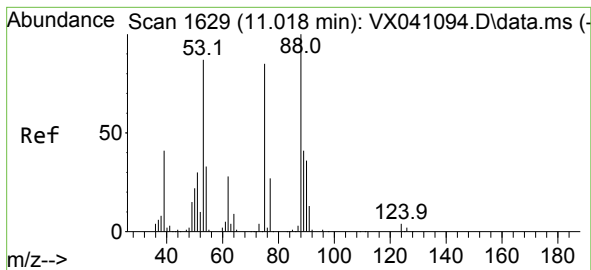
Tgt Ion: 75 Resp: 48190

Ion Ratio Lower Upper

75 100

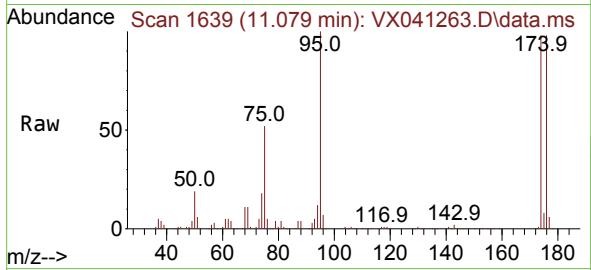
77 1.0 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.039 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX041263.D
 Acq: 26 Apr 2024 16:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 48190
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

