

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022652.D
 Acq On : 10 Jun 2021 18:28
 Operator : JC/MD
 Sample : M2638-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ND-1

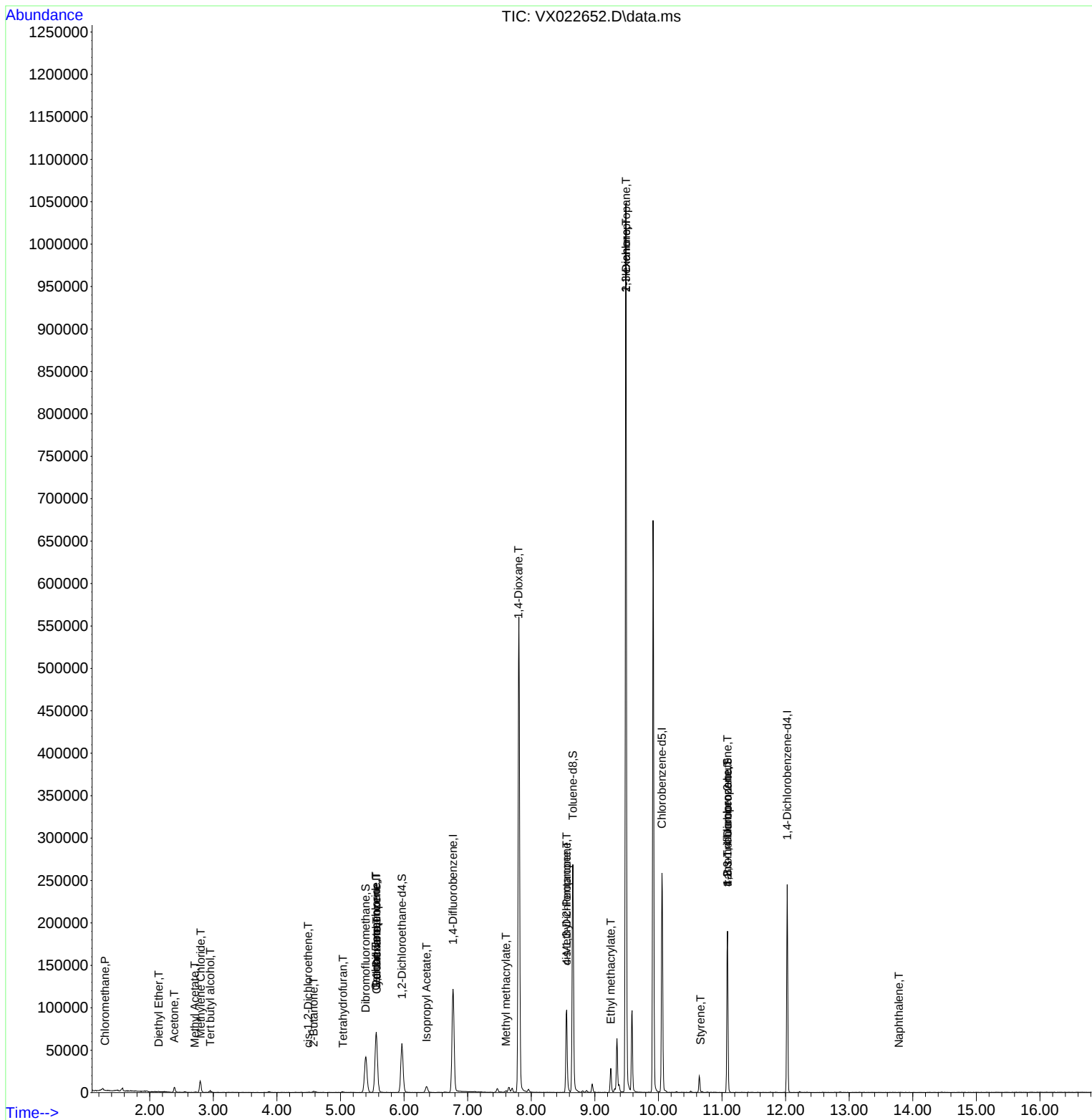
Quant Time: Jun 11 06:47:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

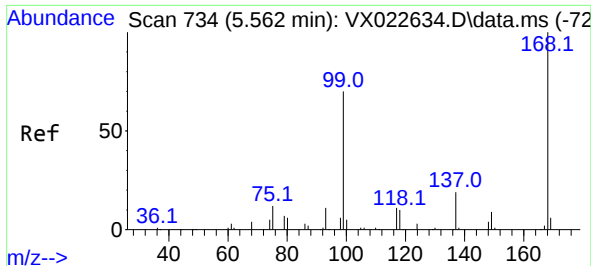
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	58238	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	117690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	50973	48.666	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.340%
35) Dibromofluoromethane	5.397	113	36572	48.705	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.400%
50) Toluene-d8	8.653	98	150912	50.983	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.960%
62) 4-Bromofluorobenzene	11.085	95	51314	45.837	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.680%
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	167	0.202	ug/l	# 42
8) Diethyl Ether	2.142	74	100	0.212	ug/l	# 5
11) Tert butyl alcohol	2.953	59	1267	5.224	ug/l	# 73
16) Acetone	2.386	43	6292	13.416	ug/l	# 94
18) Methyl Acetate	2.709	43	662	0.469	ug/l	# 61
20) Methylene Chloride	2.800	84	5746	6.101	ug/l	# 95
25) 2-Butanone	4.574	43	1795	2.360	ug/l	# 83
27) cis-1,2-Dichloroethene	4.489	96	202	0.212	ug/l	# 86
29) Tetrahydrofuran	5.038	42	488	1.102	ug/l	# 65
31) Cyclohexane	5.568	56	1890	1.496	ug/l	# 59
36) 1,1-Dichloropropene	5.562	75	6045	5.155	ug/l	# 51
38) Carbon Tetrachloride	5.556	117	6750	6.729	ug/l	# 16
43) Isopropyl Acetate	6.355	43	9461	4.020	ug/l	# 92
48) Methyl methacrylate	7.604	41	2905	2.571	ug/l	# 10
49) 1,4-Dioxane	7.799	88	22	1.023	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	35441	23.721	ug/l	# 44
54) cis-1,3-Dichloropropene	8.555	75	15647	11.977	ug/l	# 65
56) Ethyl methacrylate	9.250	69	39	2.316	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	8815	5.705	ug/l	# 42
59) 2-Hexanone	9.488	43	121738	106.644	ug/l	# 43
70) Styrene	10.659	104	48	1.471	ug/l	# 26
76) 1,2,3-Trichloropropane	11.085	75	27758	25.106	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	27758	63.188	ug/l	# 12
95) Naphthalene	13.780	128	70	1.494	ug/l	# 69

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

Quant Time: Jun 11 06:47:13 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

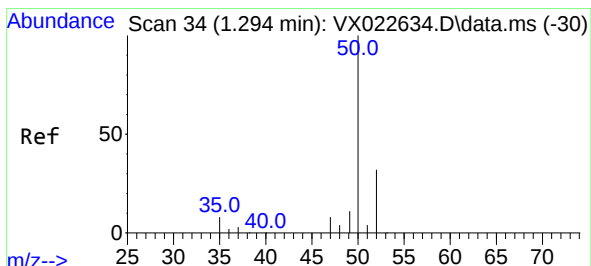
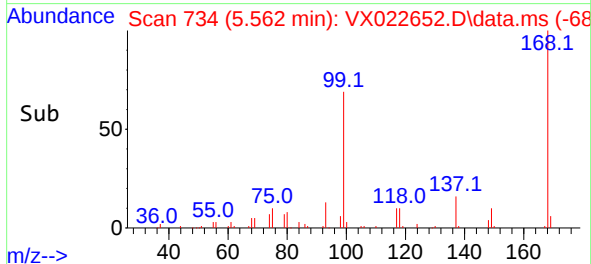
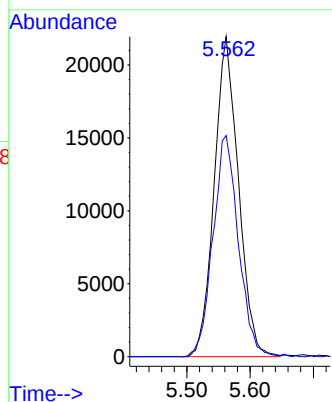
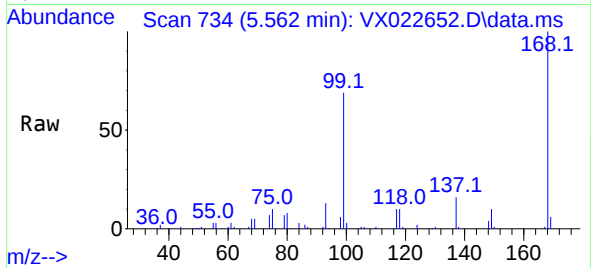




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

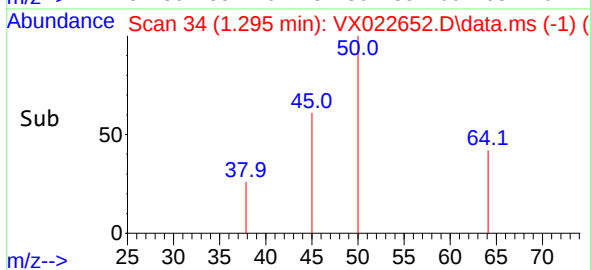
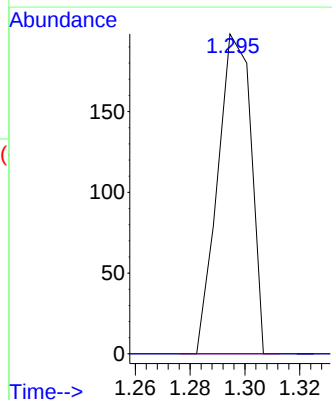
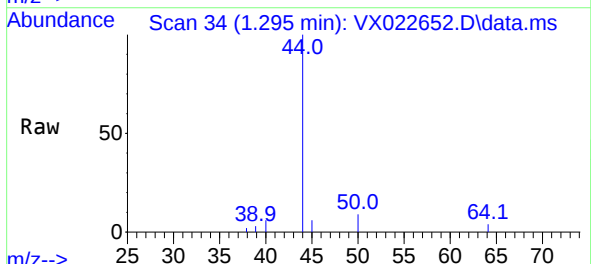
Instrument :
MSVOA_X
ClientSampleId :
ND-1

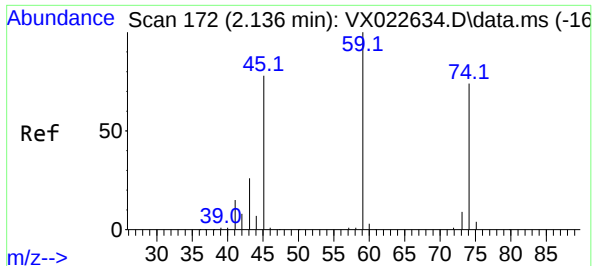
Tgt Ion:168 Resp: 58238
Ion Ratio Lower Upper
168 100
99 69.1 45.8 68.6#



#3
Chloromethane
Concen: 0.202 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion: 50 Resp: 167
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

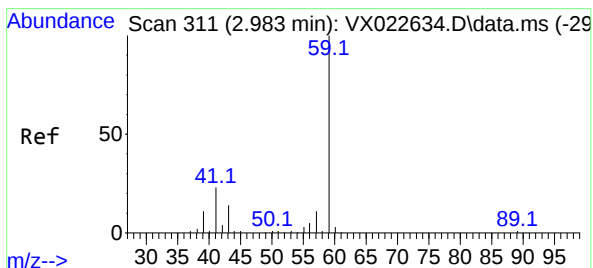
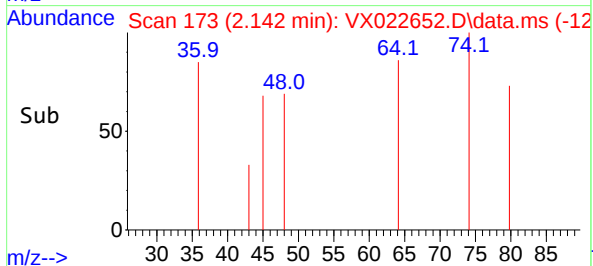
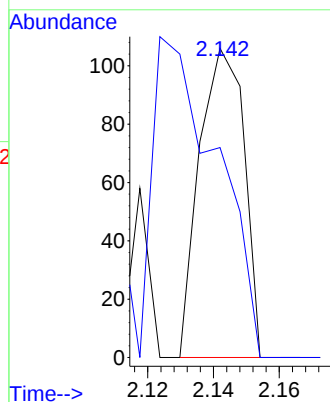
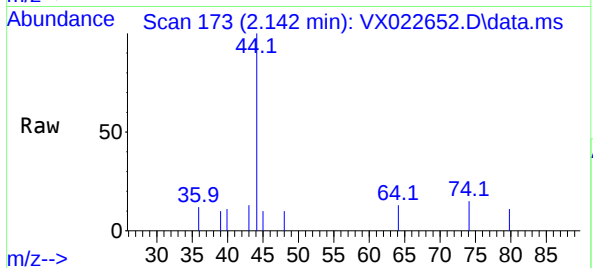




#8
Diethyl Ether
Concen: 0.212 ug/l
RT: 2.142 min Scan# 173
Delta R.T. -0.000 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

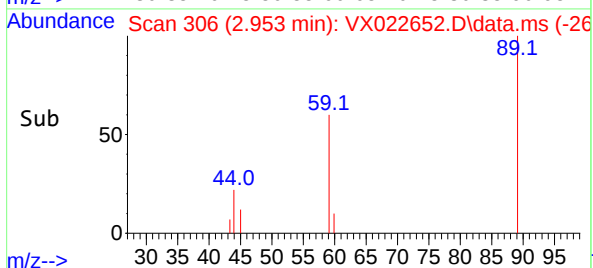
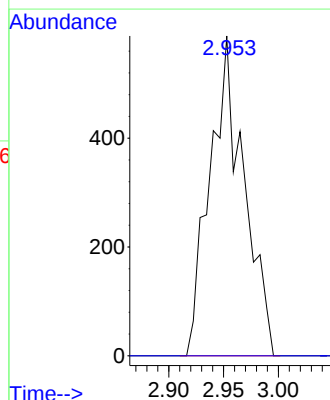
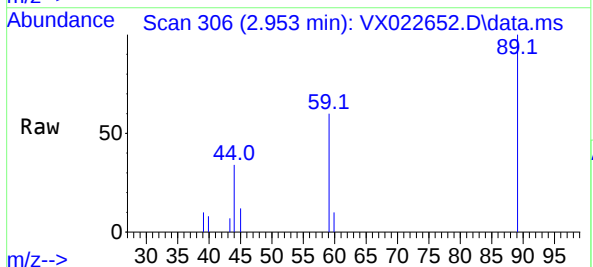
Instrument :
MSVOA_X
ClientSampled :
ND-1

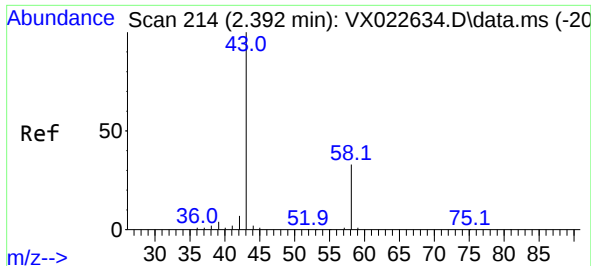
Tgt Ion: 74 Resp: 100
Ion Ratio Lower Upper
74 100
45 0.0 44.5 133.5#



#11
Tert butyl alcohol
Concen: 5.224 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion: 59 Resp: 1267
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

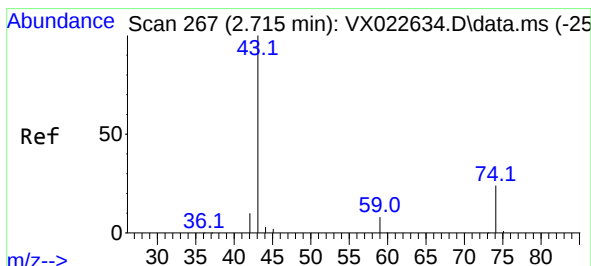
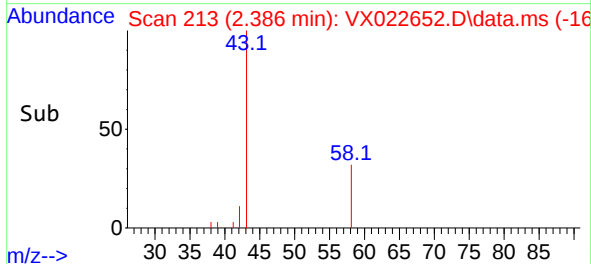
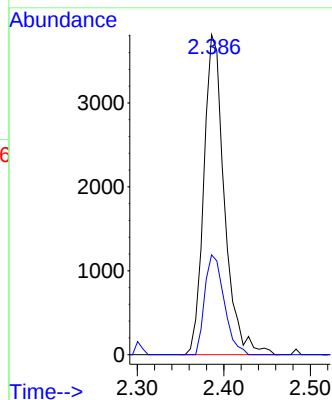
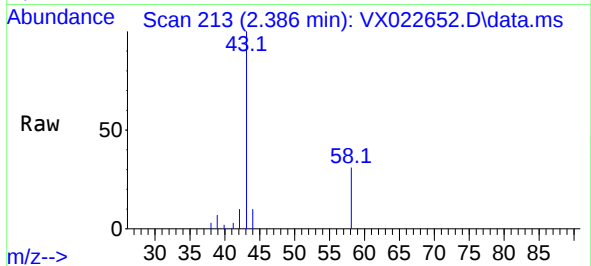




#16
Acetone
Concen: 13.416 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

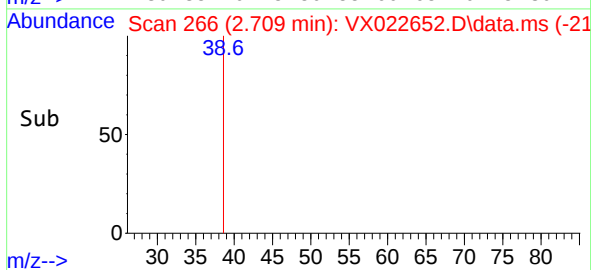
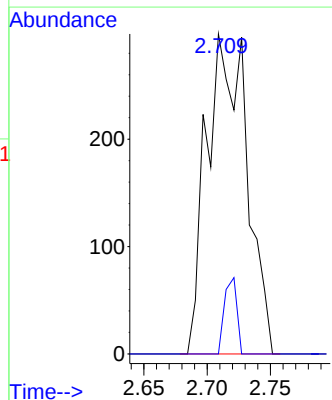
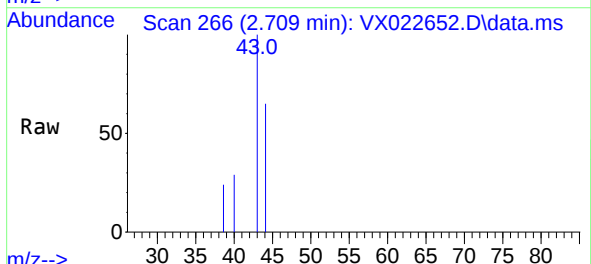
Instrument :
MSVOA_X
ClientSampled :
ND-1

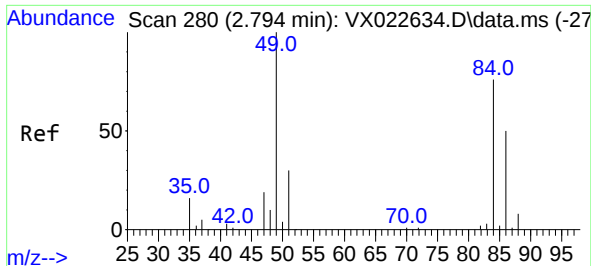
Tgt Ion: 43 Resp: 6292
Ion Ratio Lower Upper
43 100
58 31.2 27.8 41.8



#18
Methyl Acetate
Concen: 0.469 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion: 43 Resp: 662
Ion Ratio Lower Upper
43 100
74 7.3 21.9 32.9#





#20

Methylene Chloride

Concen: 6.101 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022652.D

Acq: 10 Jun 2021 18:28

Tgt Ion: 84 Resp: 5746

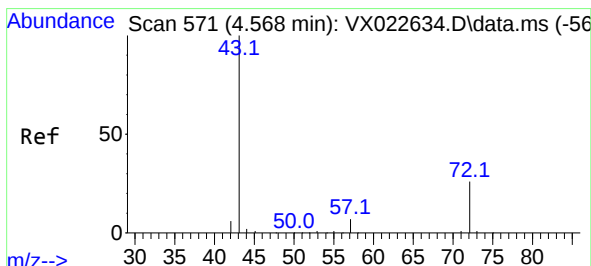
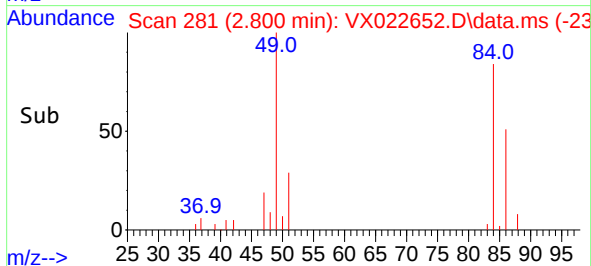
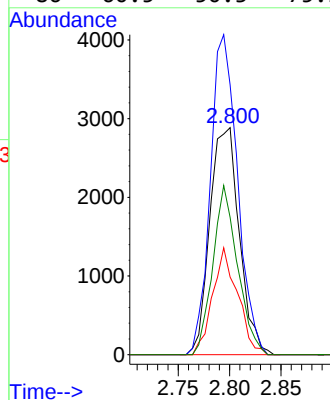
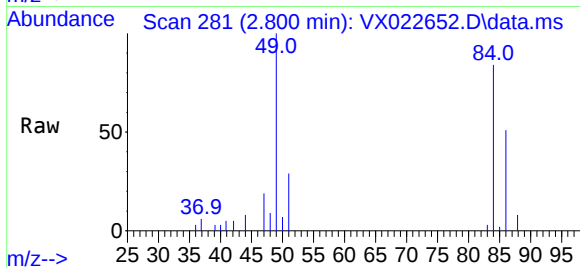
Ion Ratio Lower Upper

84 100

49 118.8 88.6 132.8

51 34.2 27.0 40.6

86 60.5 50.3 75.5



#25

2-Butanone

Concen: 2.360 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022652.D

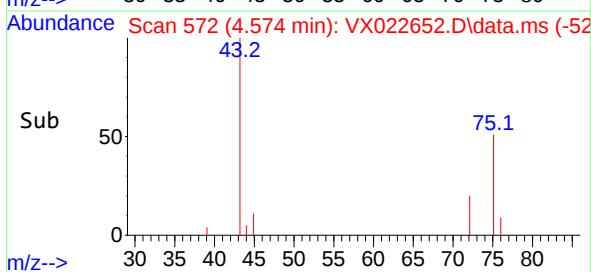
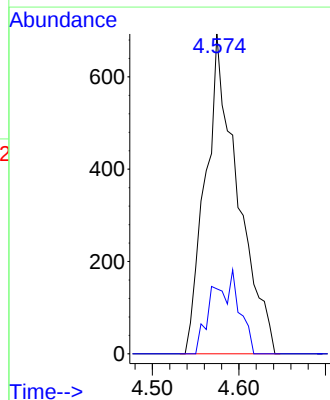
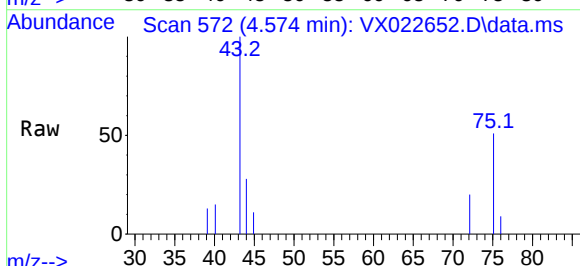
Acq: 10 Jun 2021 18:28

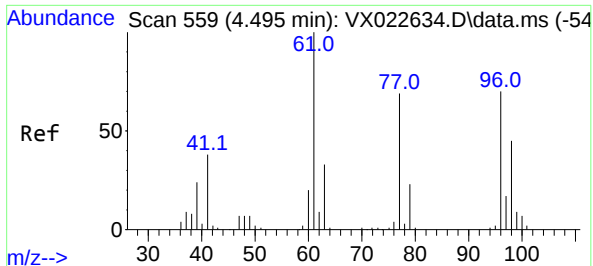
Tgt Ion: 43 Resp: 1795

Ion Ratio Lower Upper

43 100

72 20.3 23.7 35.5#



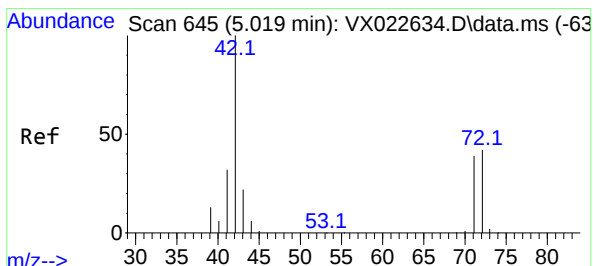
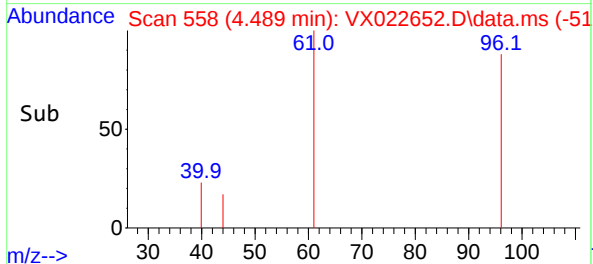
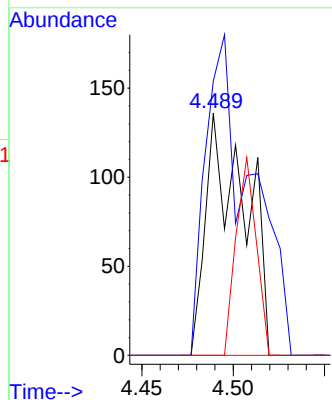
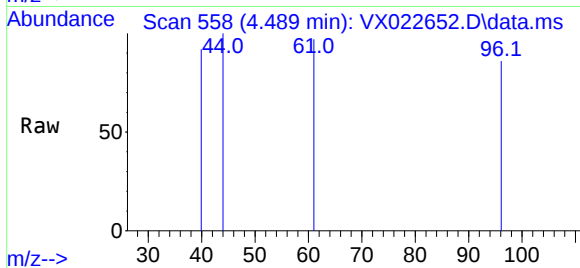


#27
cis-1,2-Dichloroethene
Concen: 0.212 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Instrument :
MSVOA_X
ClientSampleId :
ND-1

Tgt Ion: 96 Resp: 202

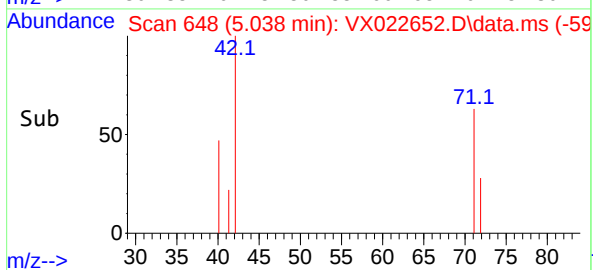
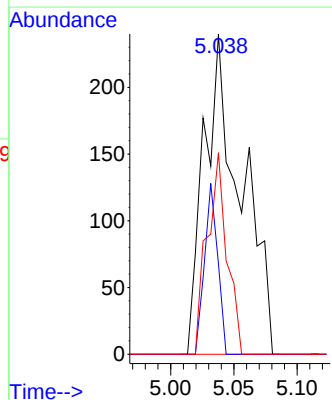
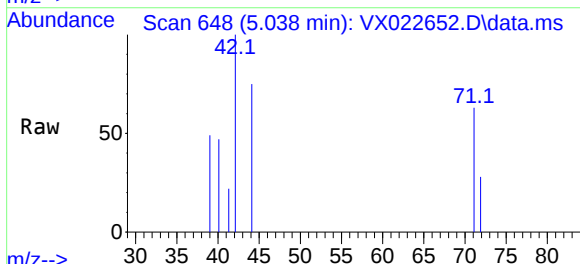
Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	285.6
98	42.6	0.0	129.6

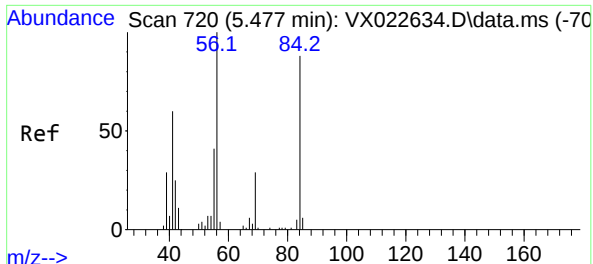


#29
Tetrahydrofuran
Concen: 1.102 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion: 42 Resp: 488

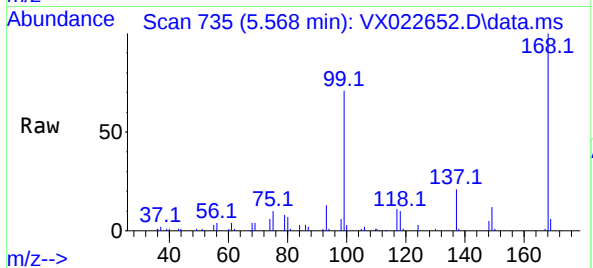
Ion	Ratio	Lower	Upper
42	100		
72	19.1	41.7	62.5#
71	33.6	38.4	57.6#



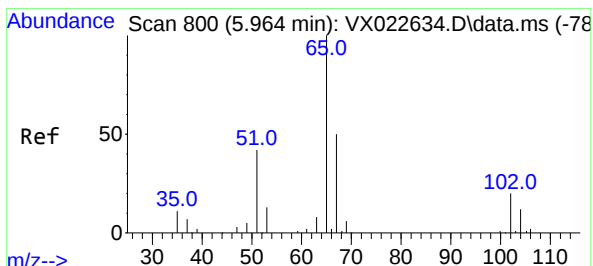
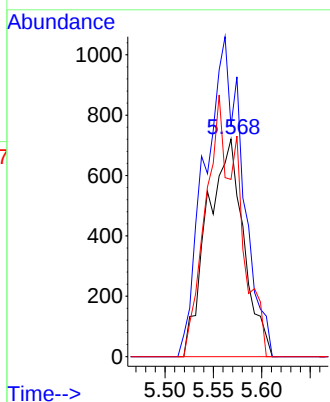
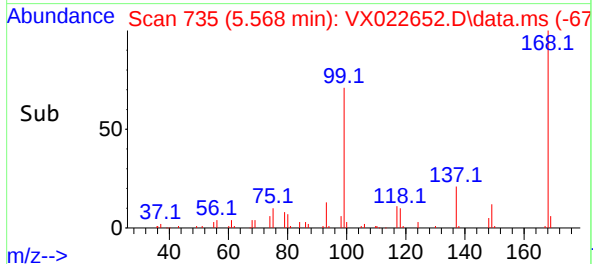


#31
Cyclohexane
Concen: 1.496 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

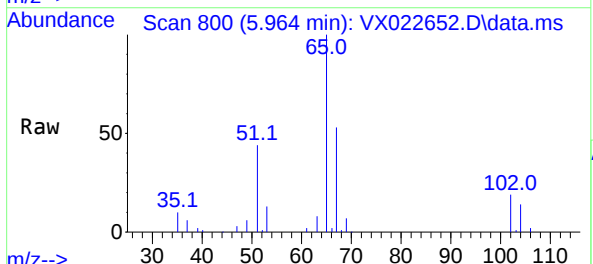
Instrument :
MSVOA_X
ClientSampled :
ND-1



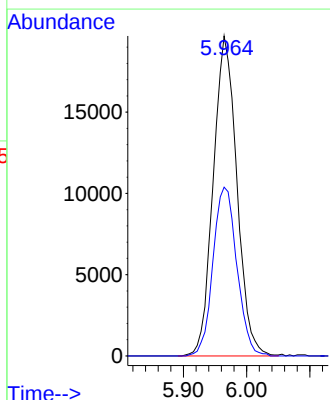
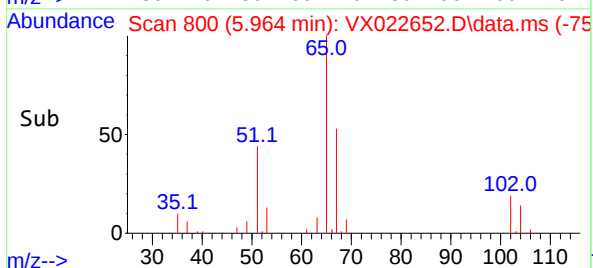
Tgt Ion: 56 Resp: 1890
Ion Ratio Lower Upper
56 100
69 105.7 25.3 37.9#
84 81.4 71.4 107.0

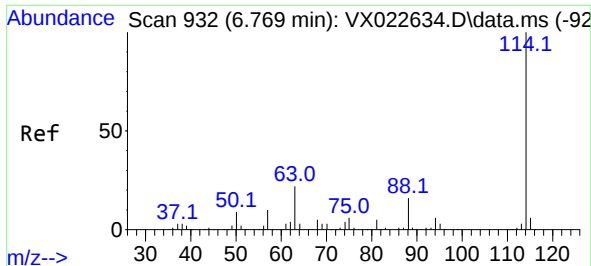


#33
1,2-Dichloroethane-d4
Concen: 48.666 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28



Tgt Ion: 65 Resp: 50973
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4

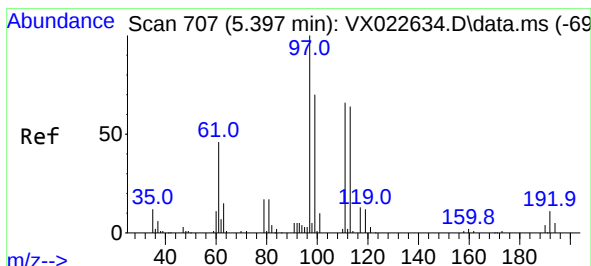
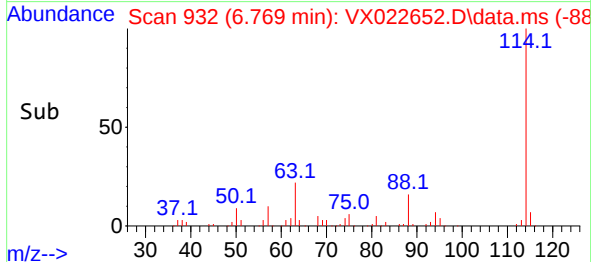
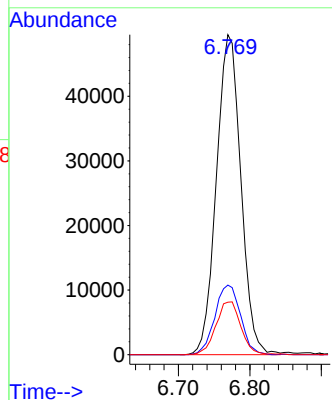
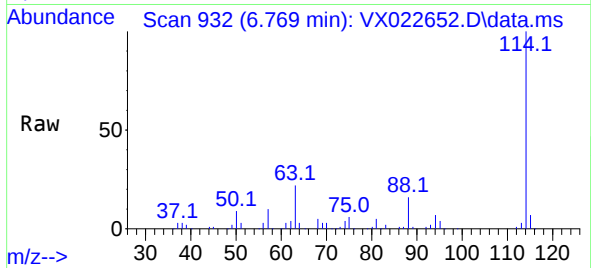




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

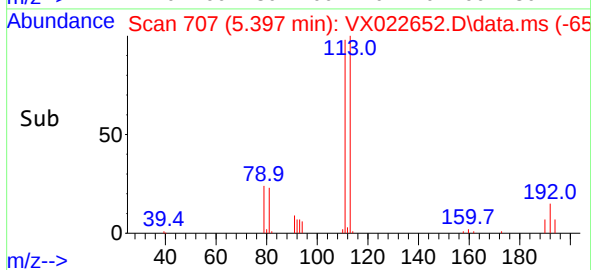
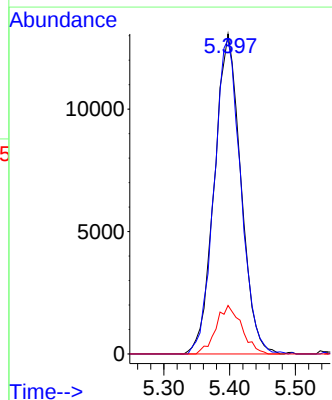
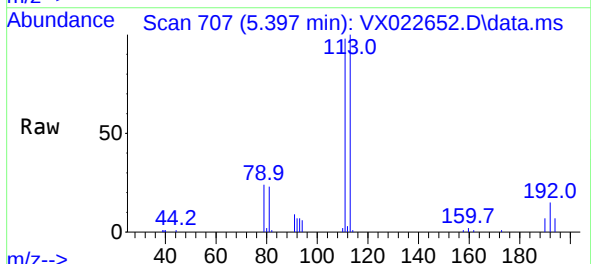
Instrument :
MSVOA_X
ClientSampleId :
ND-1

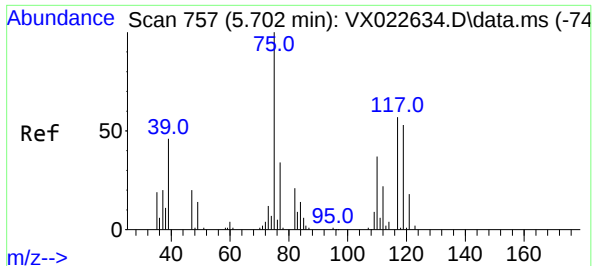
Tgt Ion:114 Resp: 117690
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.705 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion:113 Resp: 36572
Ion Ratio Lower Upper
113 100
111 98.9 81.9 122.9
192 14.7 16.7 25.1#

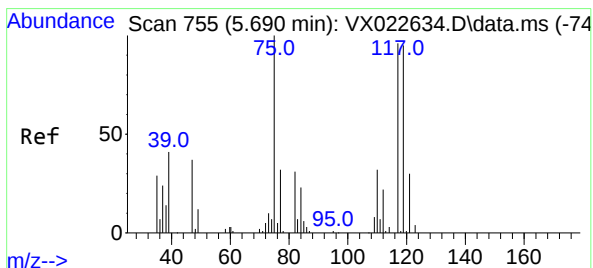
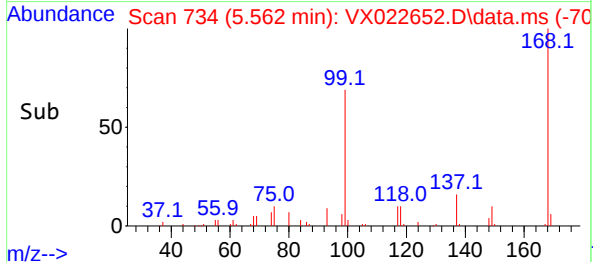
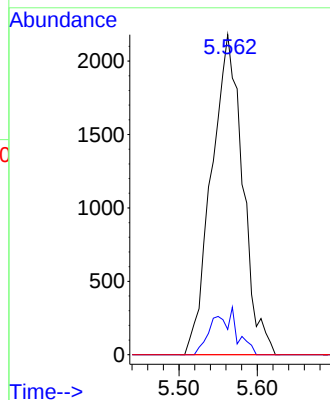
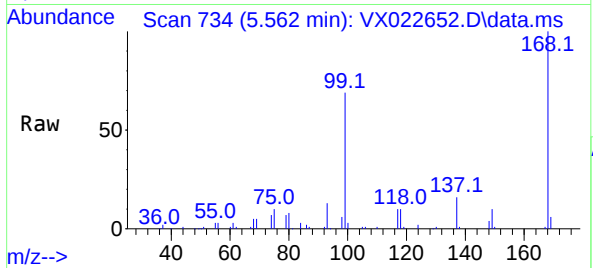




#36
1,1-Dichloropropene
Concen: 5.155 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

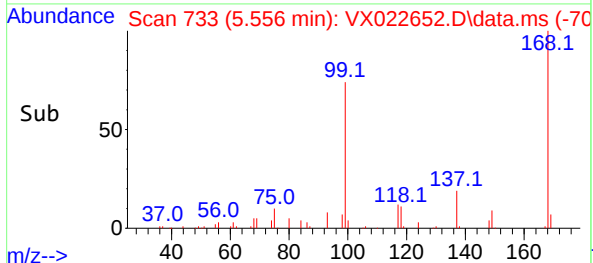
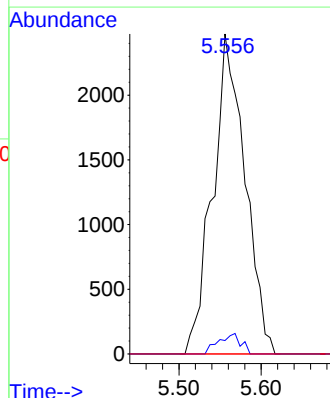
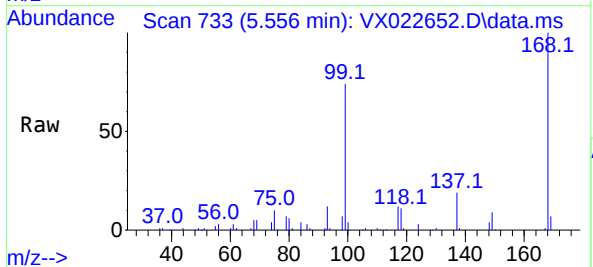
Instrument :
MSVOA_X
ClientSampleId :
ND-1

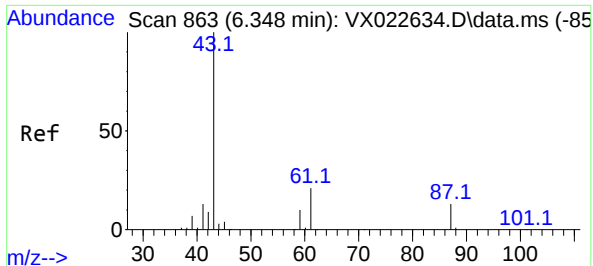
Tgt Ion: 75 Resp: 6045
Ion Ratio Lower Upper
75 100
110 11.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.729 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion: 117 Resp: 6750
Ion Ratio Lower Upper
117 100
119 4.2 76.2 114.2#
121 0.0 24.8 37.2#

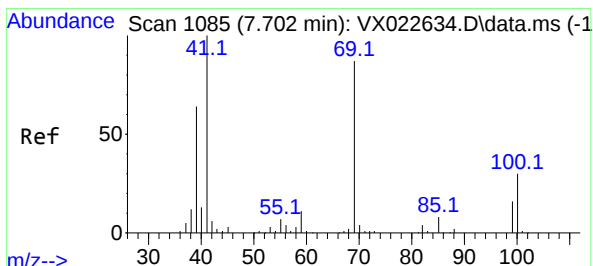
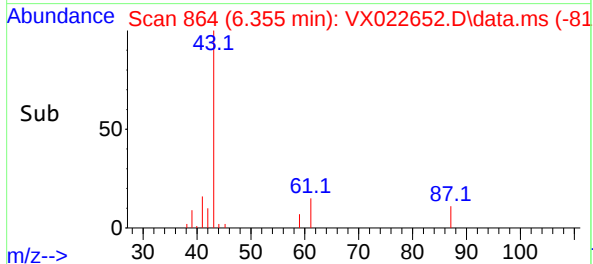
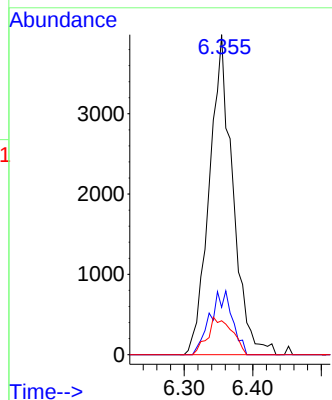
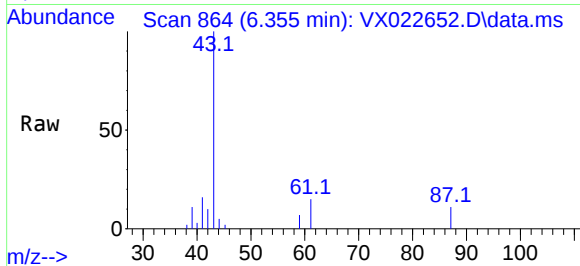




#43
Isopropyl Acetate
Concen: 4.020 ug/l
RT: 6.355 min Scan# 864
Delta R.T. 0.007 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

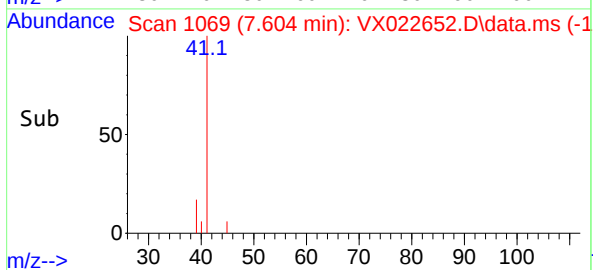
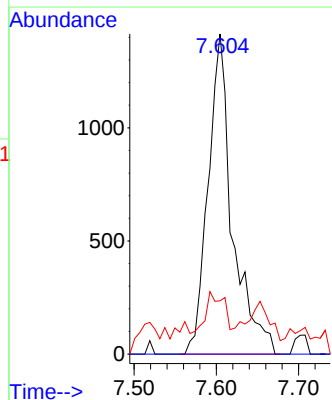
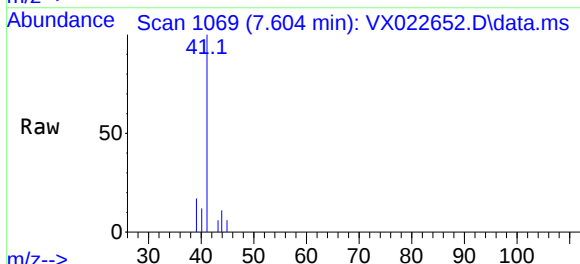
Instrument :
MSVOA_X
ClientSampled :
ND-1

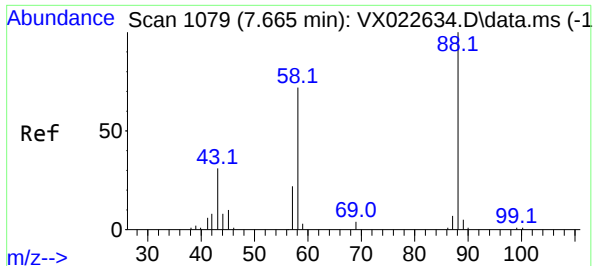
Tgt Ion: 43	Resp: 9461
Ion Ratio	Lower Upper
43 100	
61 19.1	18.2 27.4
87 12.1	12.5 18.7#



#48
Methyl methacrylate
Concen: 2.571 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion: 41	Resp: 2905
Ion Ratio	Lower Upper
41 100	
69 0.0	76.0 114.0#
39 0.0	44.6 67.0#





#49

1,4-Dioxane

Concen: 1.023 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.134 min

Lab File: VX022652.D

Acq: 10 Jun 2021 18:28

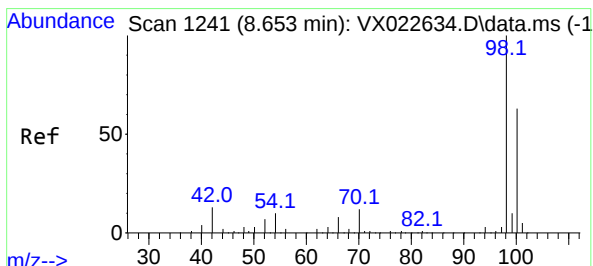
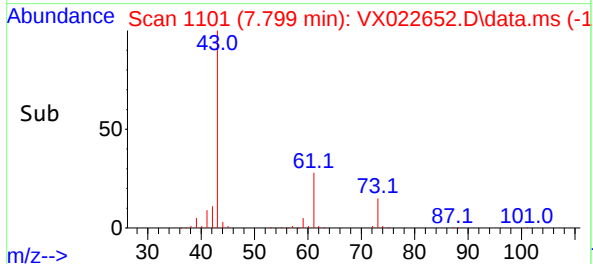
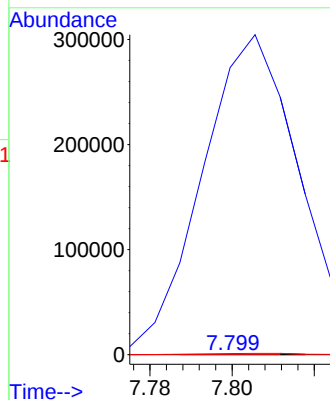
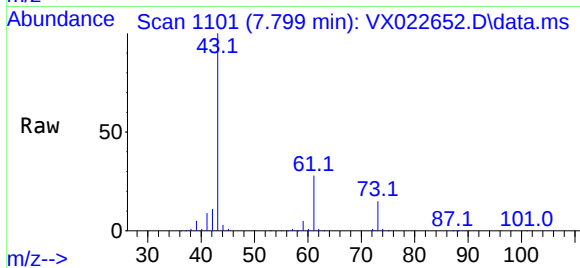
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 2367609.1 23.2 34.8#

58 10254.5 55.0 82.4#



#50

Toluene-d8

Concen: 50.983 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022652.D

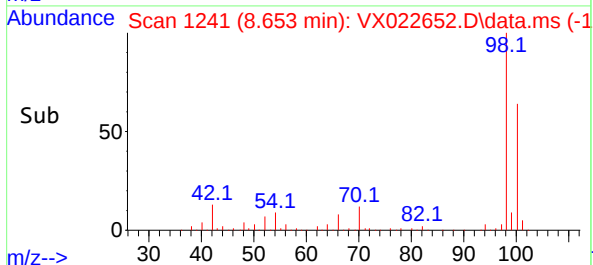
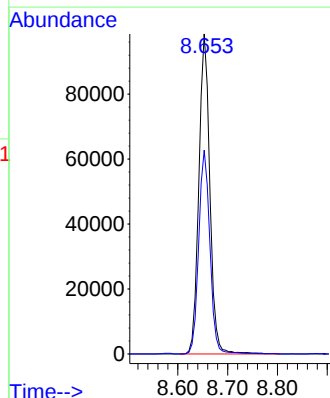
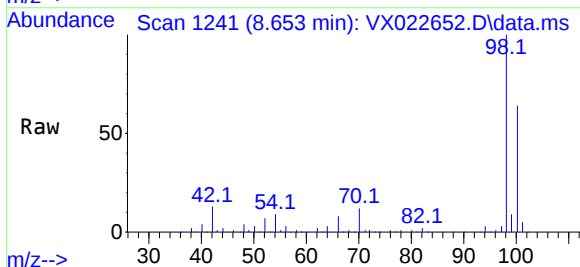
Acq: 10 Jun 2021 18:28

Tgt Ion: 98 Resp: 150912

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9

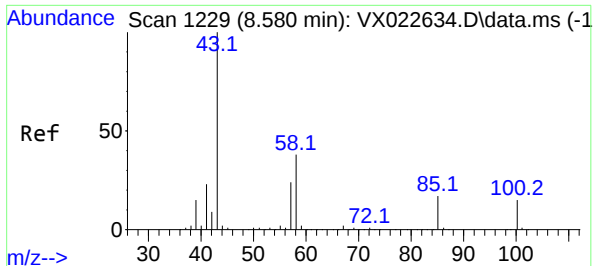


Instrument :

MSVOA_X

ClientSampleId :

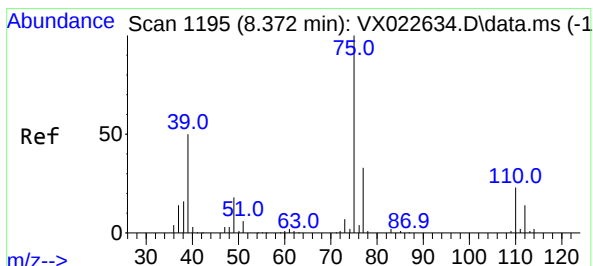
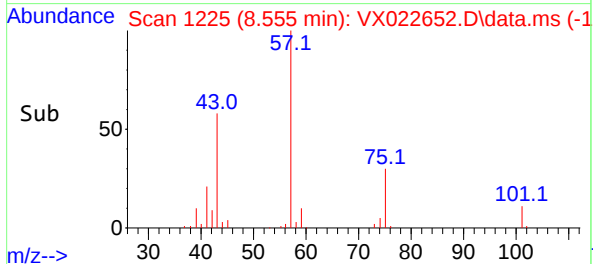
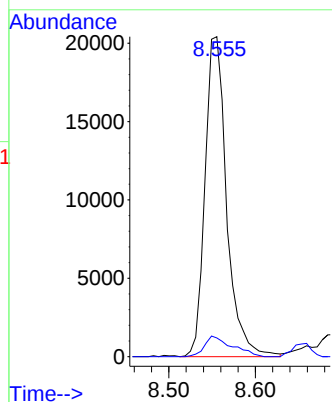
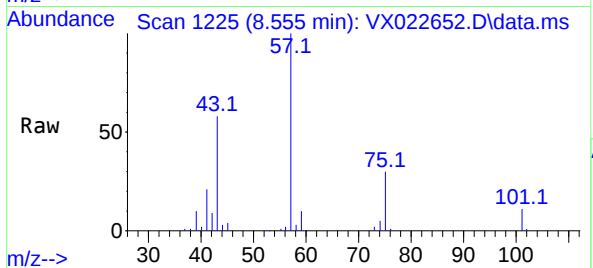
ND-1



#51
4-Methyl-2-Pentanone
Concen: 23.721 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

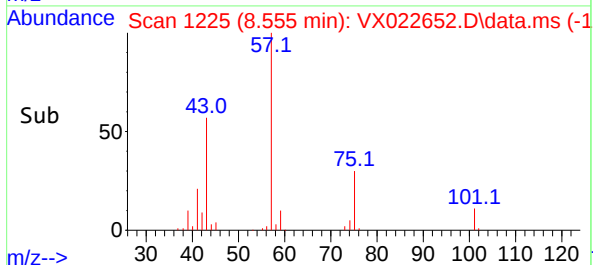
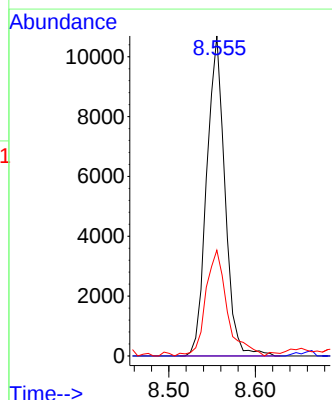
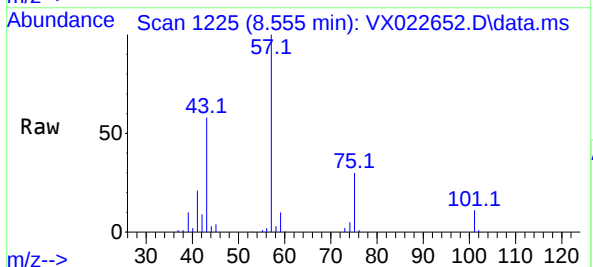
Instrument :
MSVOA_X
ClientSampleId :
ND-1

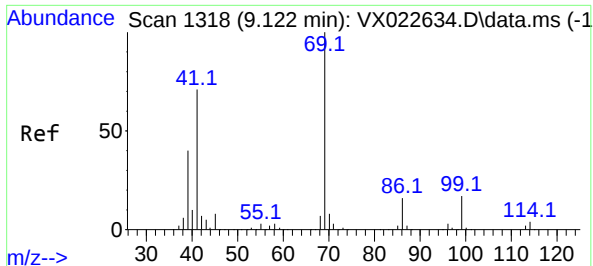
Tgt Ion: 43 Resp: 35441
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 11.977 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion: 75 Resp: 15647
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 32.3 35.1 52.7#

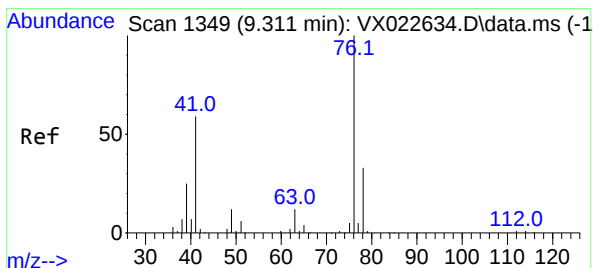
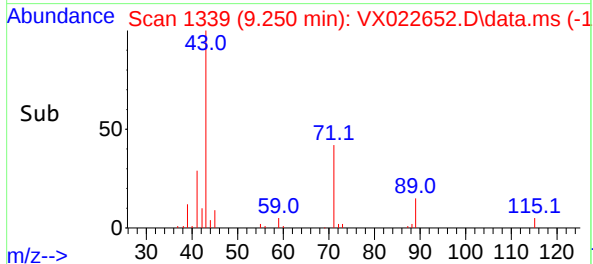
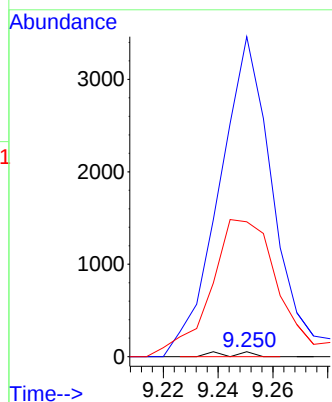
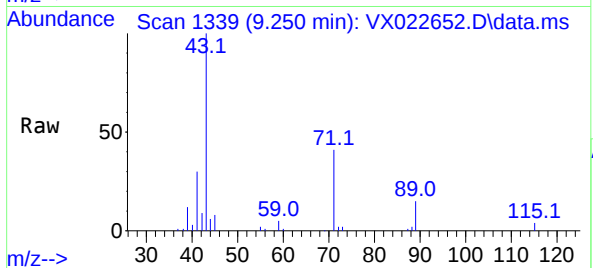




#56
Ethyl methacrylate
Concen: 2.316 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

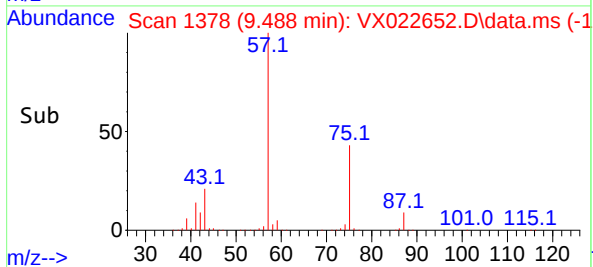
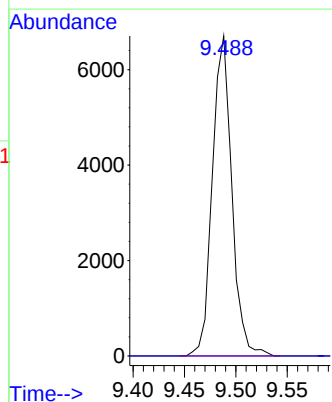
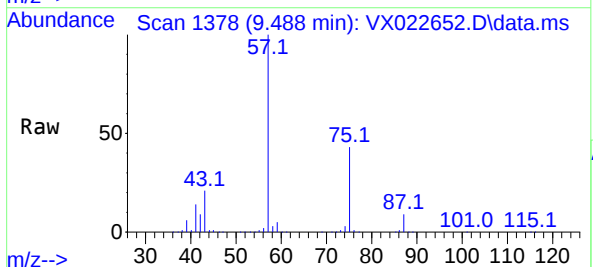
Instrument :
MSVOA_X
ClientSampled :
ND-1

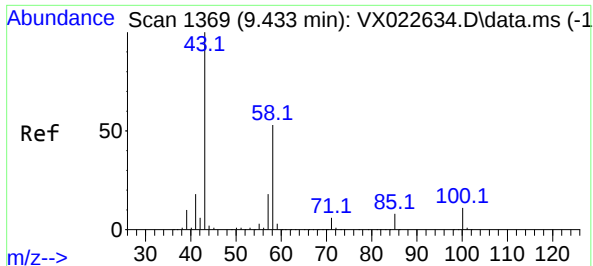
Tgt Ion: 69 Resp: 39
Ion Ratio Lower Upper
69 100
41 12335.9 46.8 70.2#
39 6641.0 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 5.705 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion: 76 Resp: 8815
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

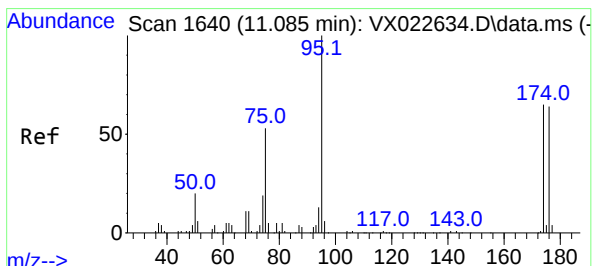
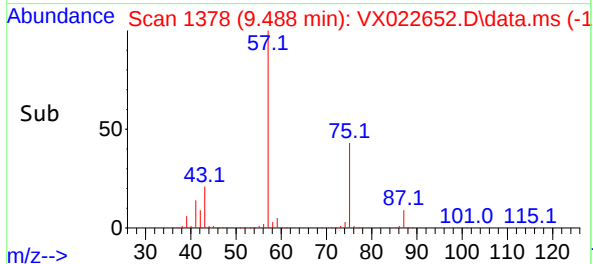
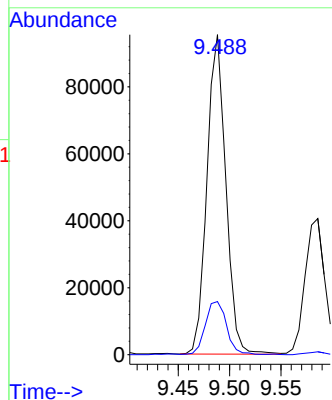
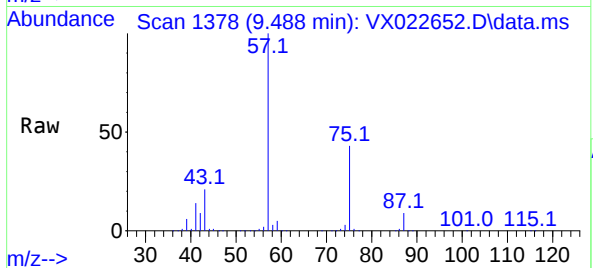




#59
2-Hexanone
Concen: 106.644 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.055 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

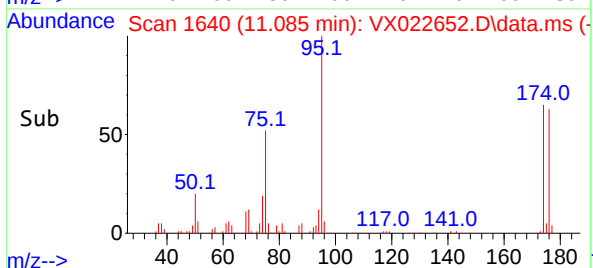
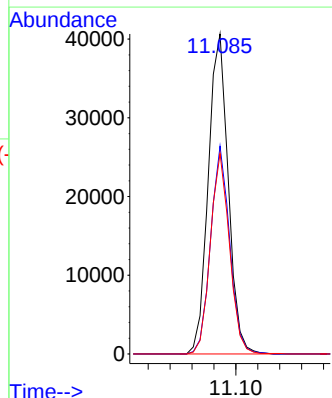
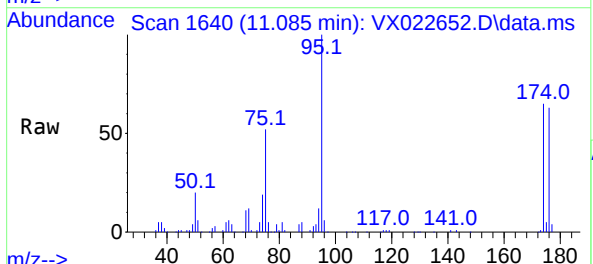
Instrument :
MSVOA_X
ClientSampled :
ND-1

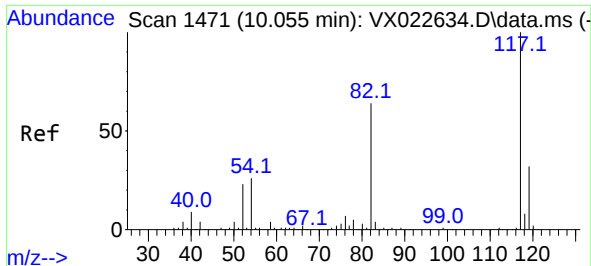
Tgt Ion: 43 Resp: 121738
Ion Ratio Lower Upper
43 100
58 18.4 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 45.837 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion: 95 Resp: 51314
Ion Ratio Lower Upper
95 100
174 62.2 0.0 154.6
176 60.0 0.0 155.8

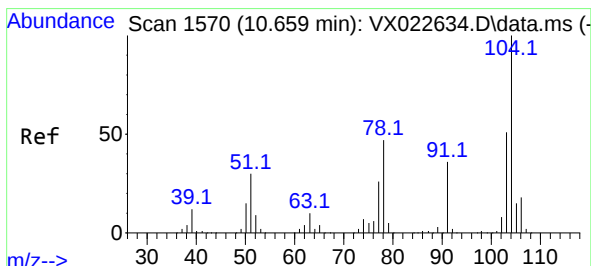
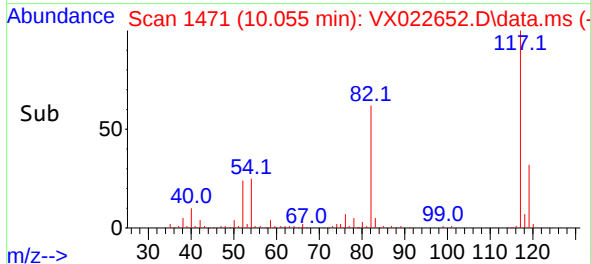
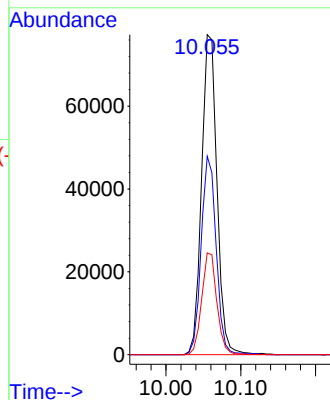
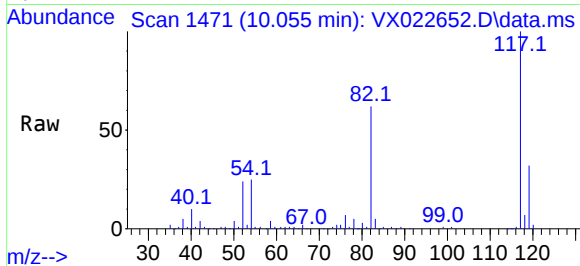




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

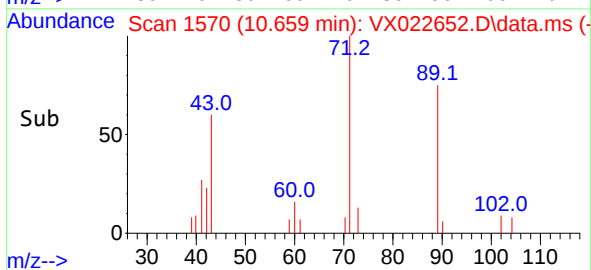
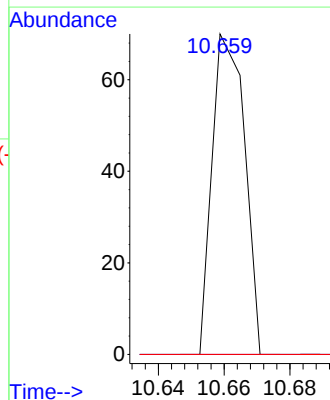
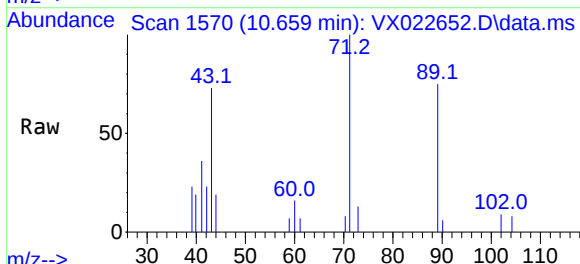
Instrument :
MSVOA_X
ClientSampled :
ND-1

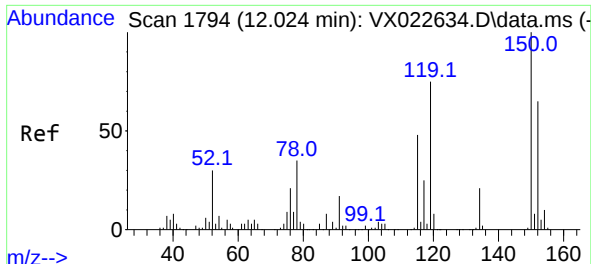
Tgt Ion:117 Resp: 110536
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 31.8 26.6 39.8



#70
Styrene
Concen: 1.471 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion:104 Resp: 48
Ion Ratio Lower Upper
104 100
78 0.0 40.0 60.0#
103 0.0 43.4 65.0#

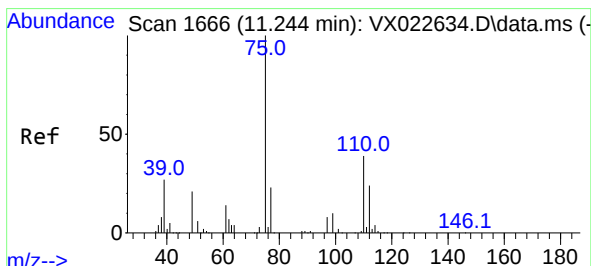
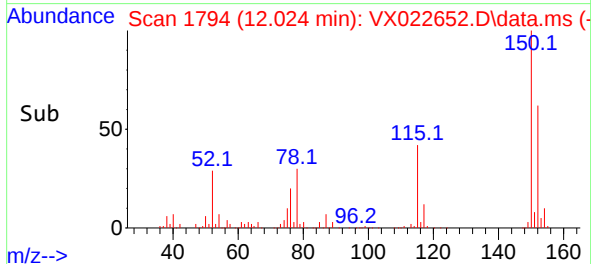
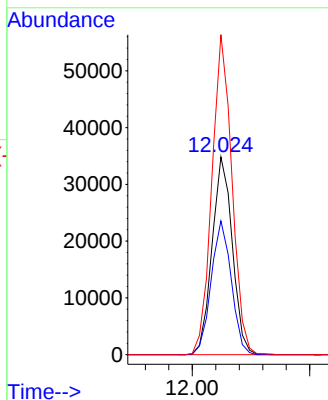
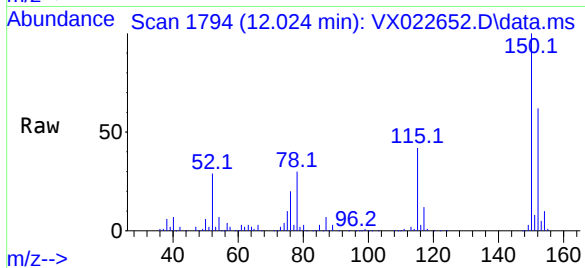




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

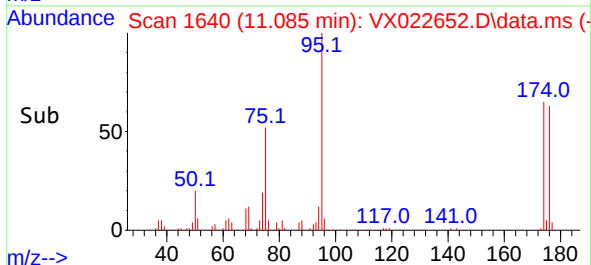
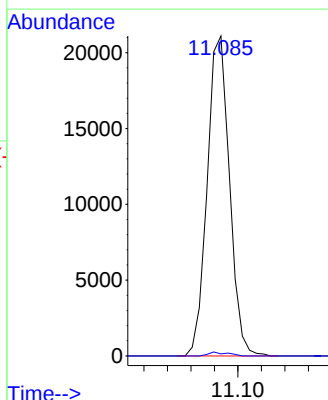
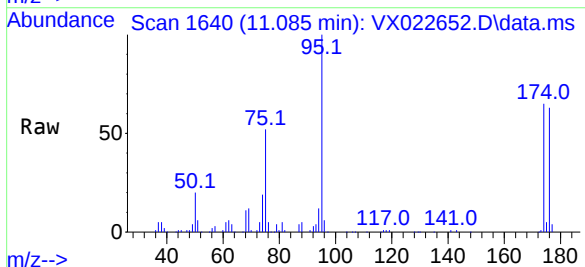
Instrument :
MSVOA_X
ClientSampled :
ND-1

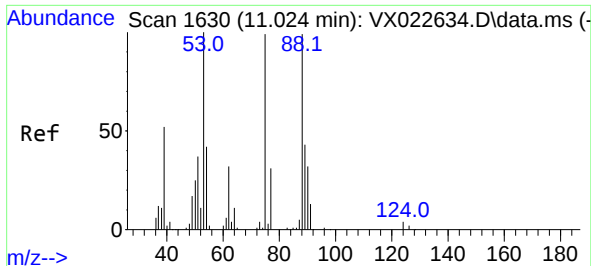
Tgt Ion:152 Resp: 41700
Ion Ratio Lower Upper
152 100
115 67.0 41.1 123.3
150 160.3 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 25.106 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion: 75 Resp: 27758
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

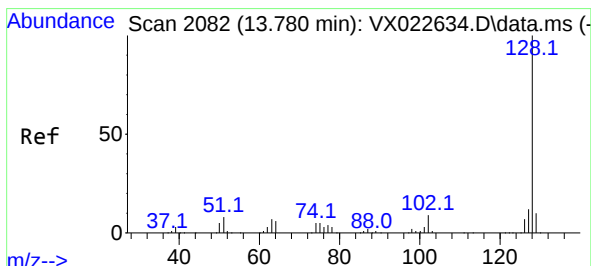
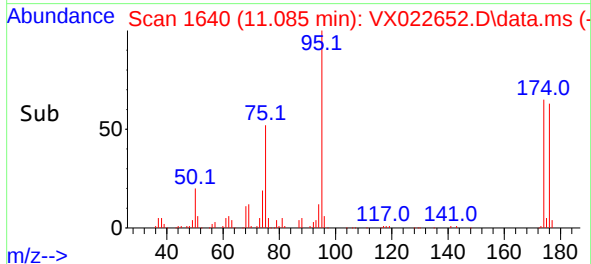
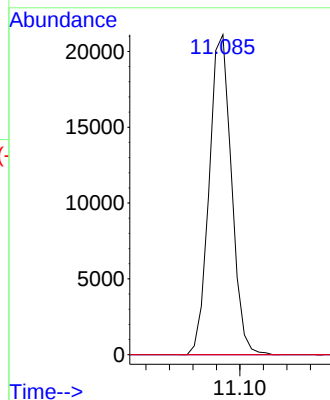
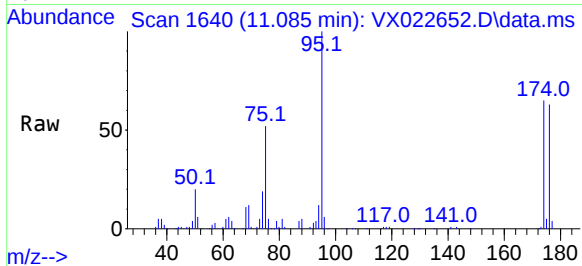




#81
trans-1,4-Dichloro-2-butene
Concen: 63.188 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Instrument :
MSVOA_X
ClientSampled :
ND-1

Tgt Ion: 75 Resp: 27758
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.494 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022652.D
Acq: 10 Jun 2021 18:28

Tgt Ion: 128 Resp: 70
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

