

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032322\
 Data File : VX027672.D
 Acq On : 23 Mar 2022 17:01
 Operator : JC/MD
 Sample : N1905-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-3

Quant Time: Mar 23 18:38:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

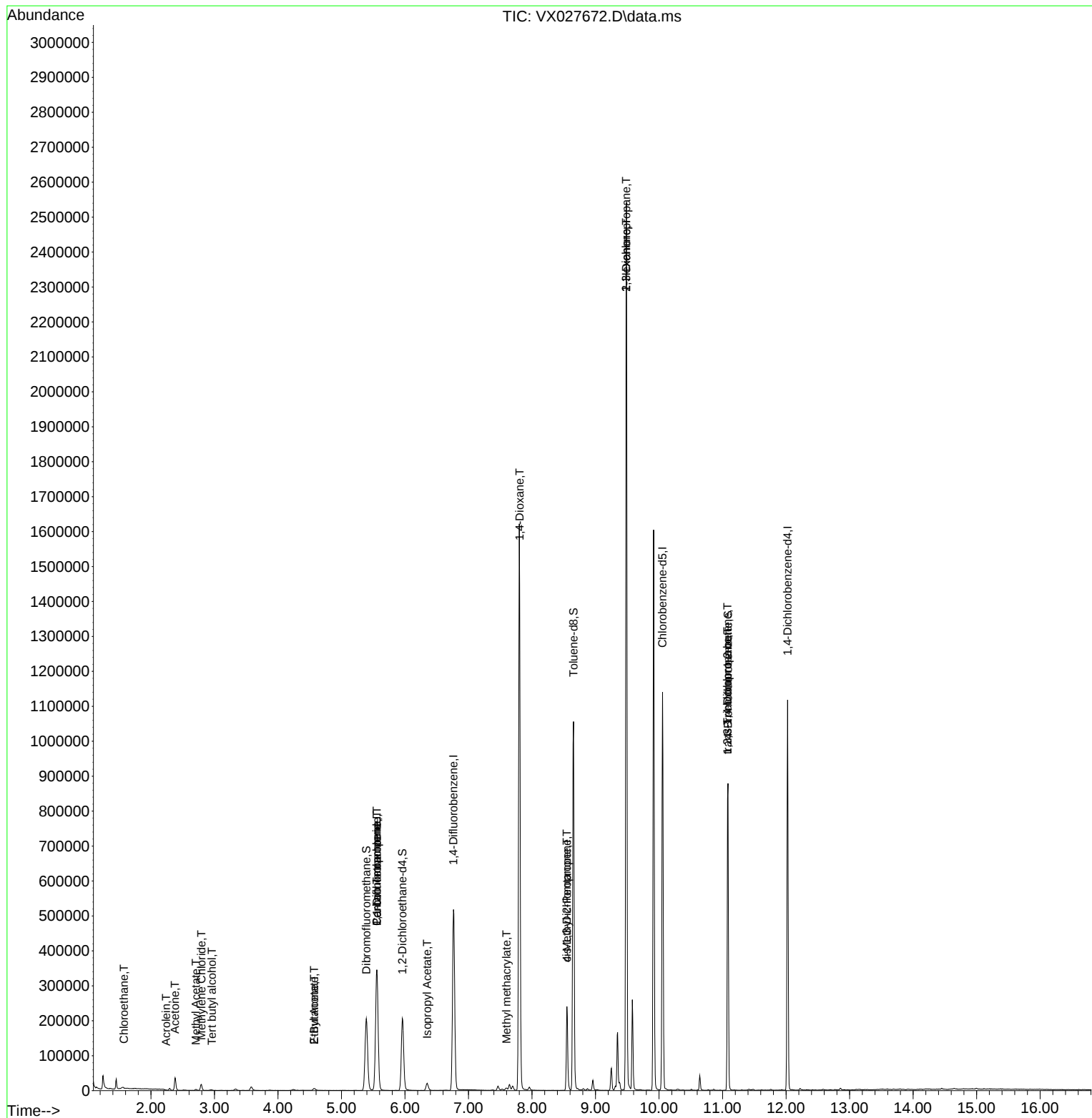
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	342491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	580184	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	524685	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	235760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204376	48.440	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.880%
35) Dibromofluoromethane	5.391	113	180943	48.474	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.940%
50) Toluene-d8	8.653	98	664855	47.068	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.140%
62) 4-Bromofluorobenzene	11.085	95	242219	46.654	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.300%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	563	Below Cal	#	75
6) Chloroethane	1.575	64	648	0.313	ug/l #	62
11) Tert butyl alcohol	2.959	59	1250	1.555	ug/l #	72
13) Acrolein	2.239	56	237	0.380	ug/l	88
16) Acetone	2.380	43	36557	21.257	ug/l	94
18) Methyl Acetate	2.709	43	3833	0.930	ug/l #	85
20) Methylene Chloride	2.794	84	8269	2.236	ug/l	93
25) 2-Butanone	4.568	43	10142	3.920	ug/l	92
36) 1,1-Dichloropropene	5.556	75	23795	4.665	ug/l #	50
37) Ethyl Acetate	4.568	43	10142	1.995	ug/l #	65
38) Carbon Tetrachloride	5.556	117	33731	5.780	ug/l #	16
43) Isopropyl Acetate	6.348	43	26174	3.200	ug/l	95
48) Methyl methacrylate	7.598	41	7721	1.907	ug/l #	7
49) 1,4-Dioxane	7.805	88	303	2.914	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	73264	14.030	ug/l #	46
54) cis-1,3-Dichloropropene	8.549	75	43100	7.196	ug/l #	62
57) 1,3-Dichloropropane	9.482	76	23746	3.663	ug/l #	43
59) 2-Hexanone	9.482	43	295292	73.419	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	117499	23.827	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	117499	72.364	ug/l #	15

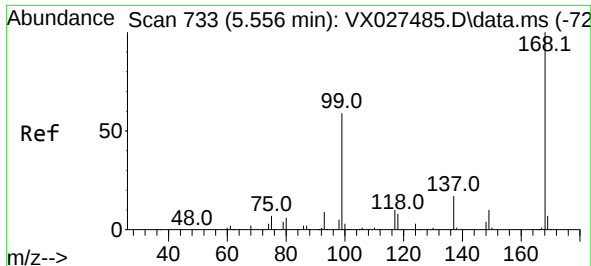
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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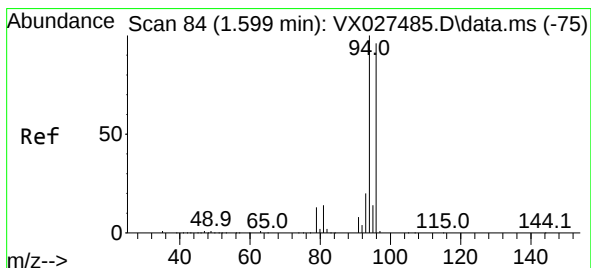
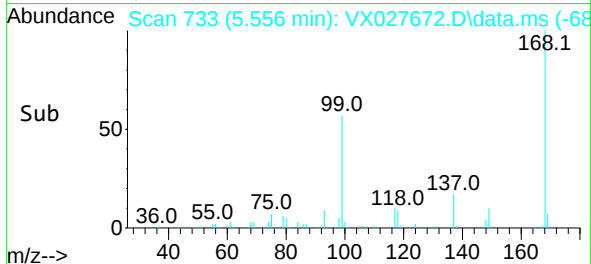
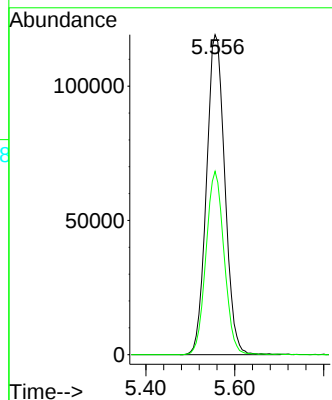
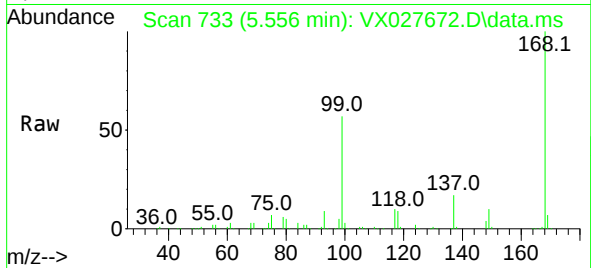




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

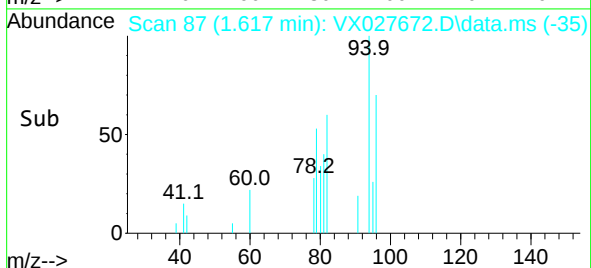
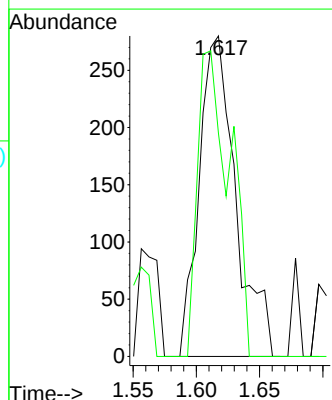
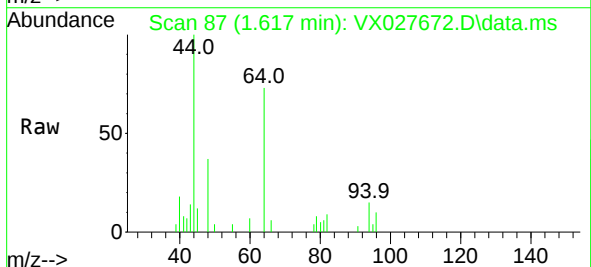
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-3

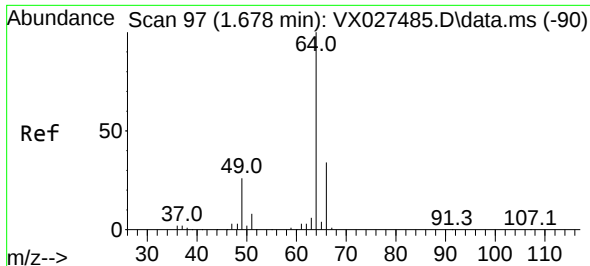
Tgt Ion:168 Resp: 342491
Ion Ratio Lower Upper
168 100
99 57.3 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion: 94 Resp: 563
Ion Ratio Lower Upper
94 100
96 69.6 75.3 112.9#

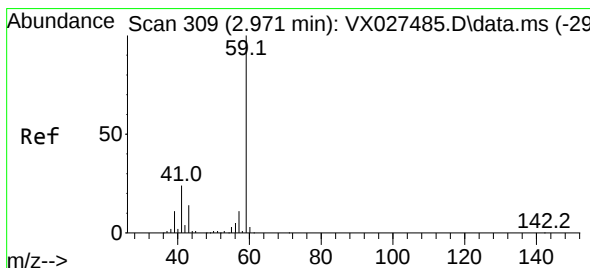
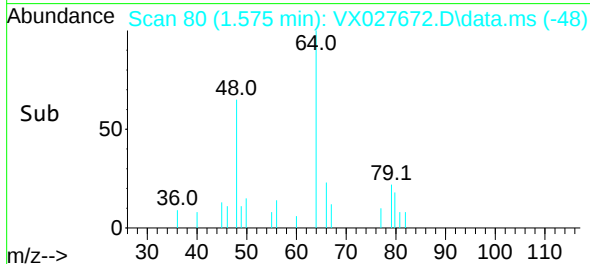
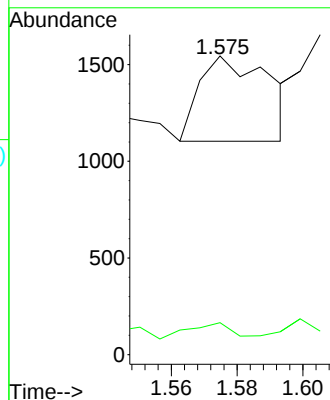
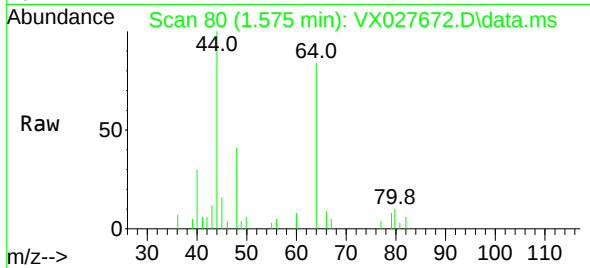




#6
Chloroethane
Concen: 0.313 ug/l
RT: 1.575 min Scan# 80
Delta R.T. -0.104 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

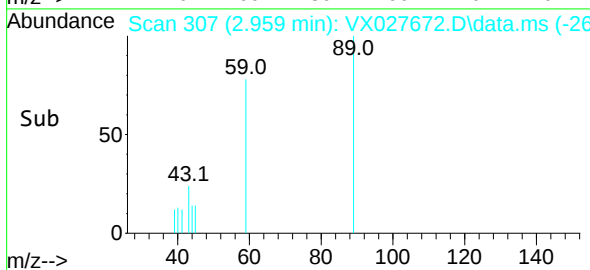
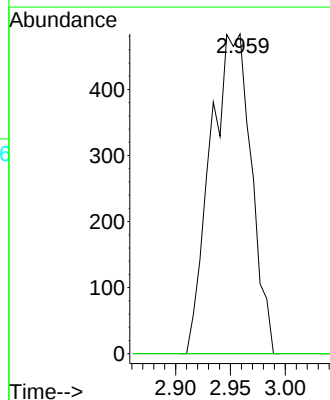
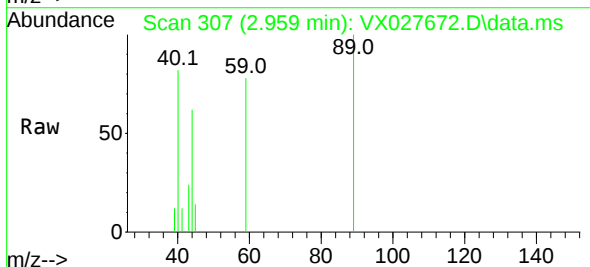
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-3

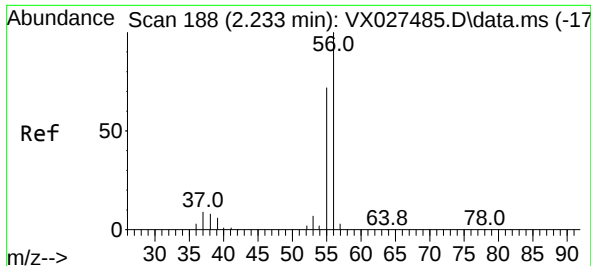
Tgt Ion: 64 Resp: 648
Ion Ratio Lower Upper
64 100
66 10.7 25.3 37.9#



#11
Tert butyl alcohol
Concen: 1.555 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.012 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion: 59 Resp: 1250
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

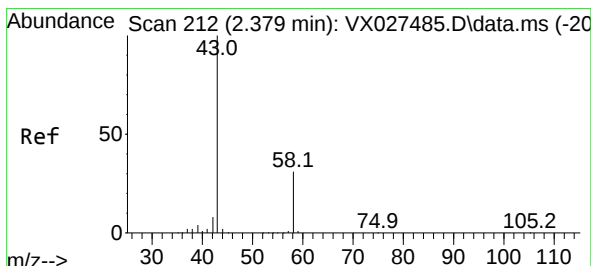
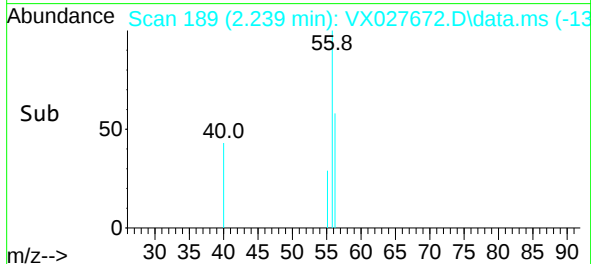
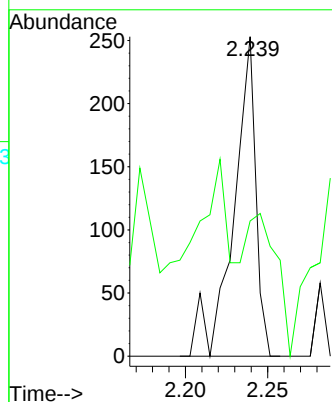
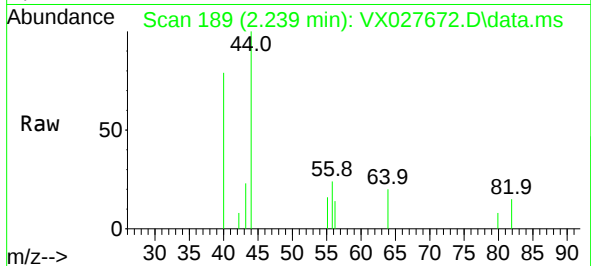




#13
Acrolein
Concen: 0.380 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

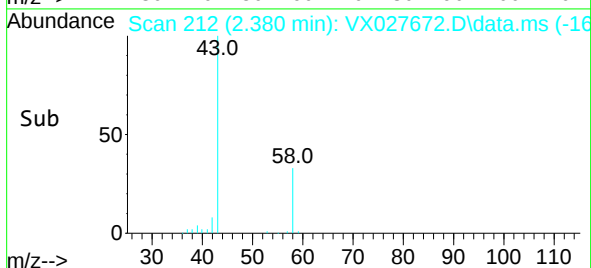
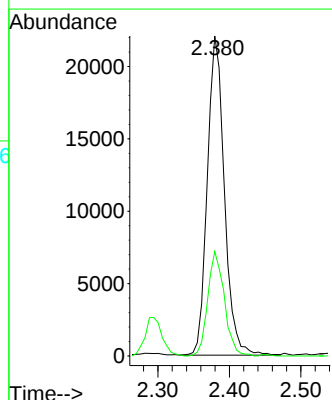
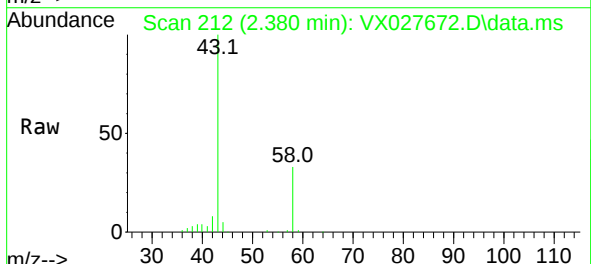
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-3

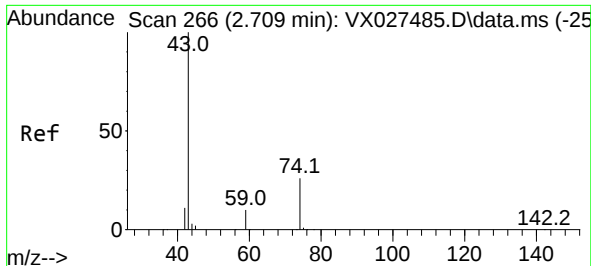
Tgt Ion: 56 Resp: 237
Ion Ratio Lower Upper
56 100
55 59.1 55.0 82.6



#16
Acetone
Concen: 21.257 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion: 43 Resp: 36557
Ion Ratio Lower Upper
43 100
58 32.7 28.8 43.2

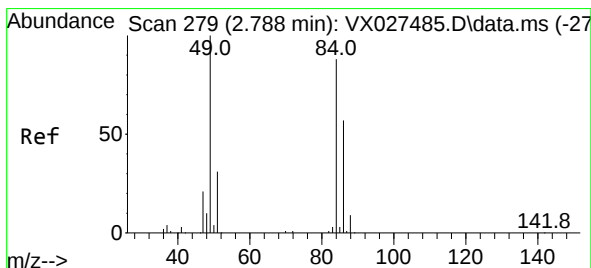
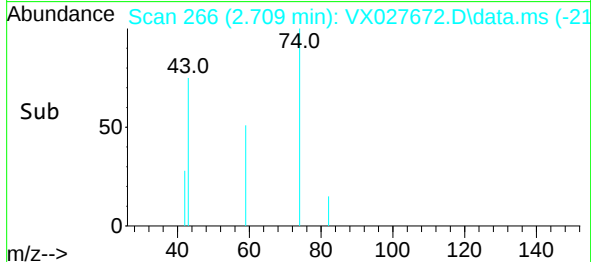
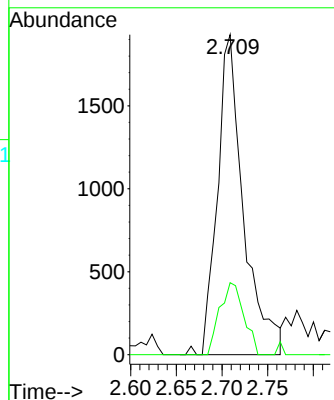
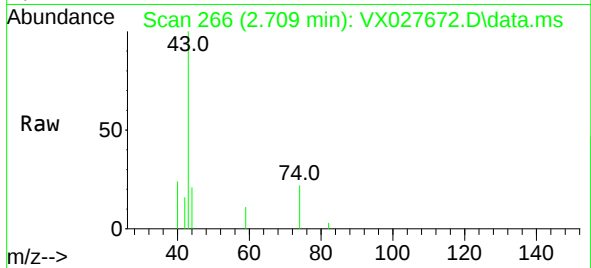




#18
Methyl Acetate
Concen: 0.930 ug/l
RT: 2.709 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

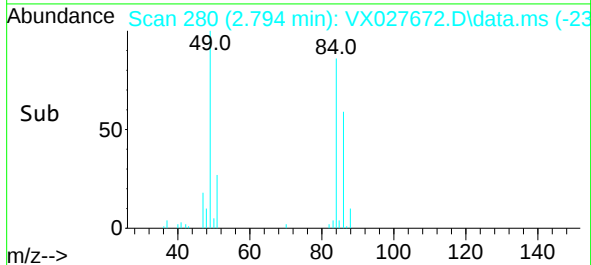
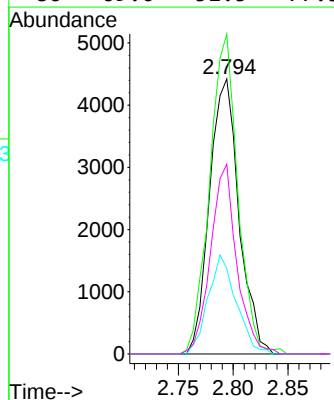
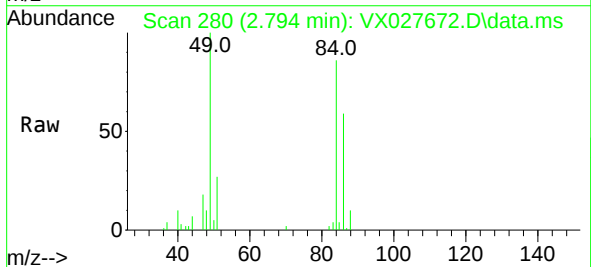
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-3

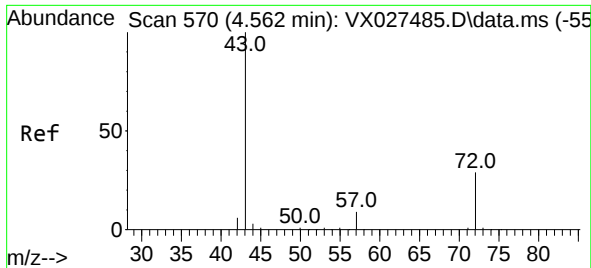
Tgt Ion: 43 Resp: 3833
Ion Ratio Lower Upper
43 100
74 20.7 22.8 34.2#



#20
Methylene Chloride
Concen: 2.236 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion: 84 Resp: 8269
Ion Ratio Lower Upper
84 100
49 116.3 85.5 128.3
51 31.1 26.6 39.8
86 69.0 51.5 77.3

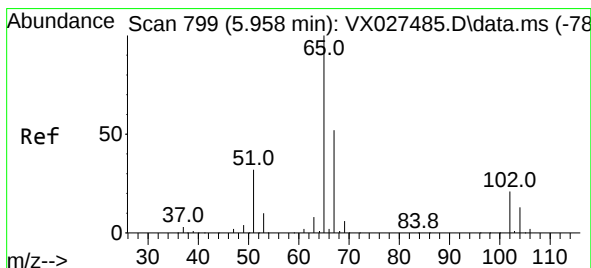
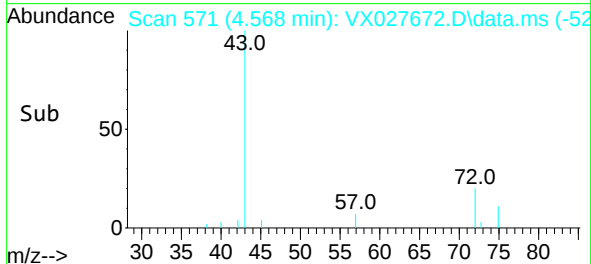
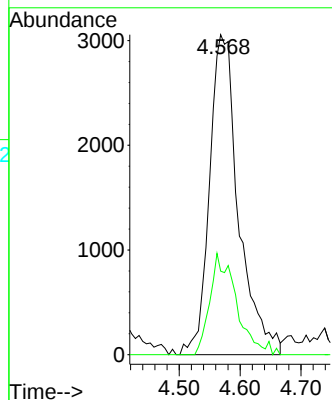
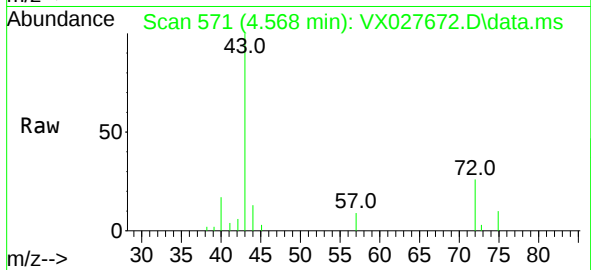




#25
2-Butanone
Concen: 3.920 ug/l
RT: 4.568 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

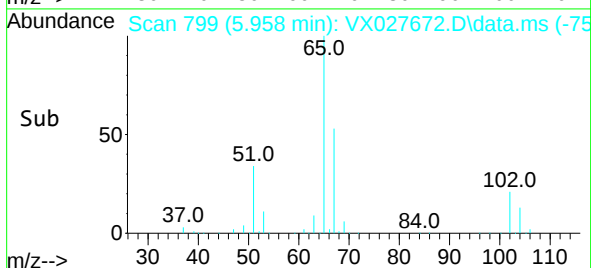
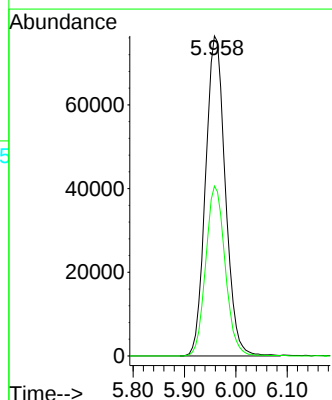
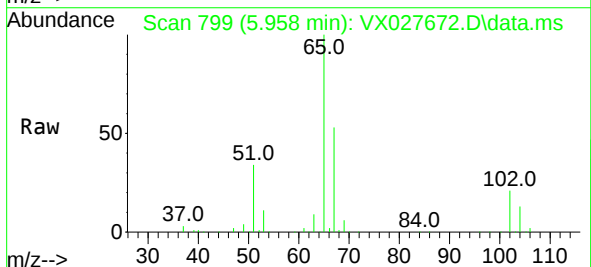
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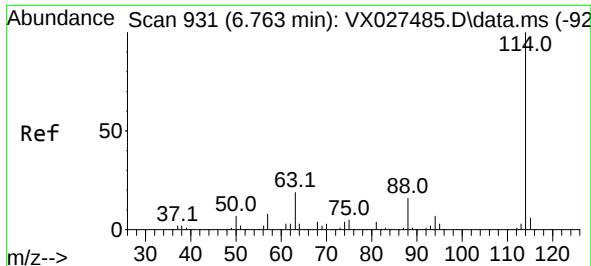
Tgt Ion: 43 Resp: 10142
Ion Ratio Lower Upper
43 100
72 26.1 24.4 36.6



#33
1,2-Dichloroethane-d4
Concen: 48.440 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion: 65 Resp: 204376
Ion Ratio Lower Upper
65 100
67 52.2 0.0 107.4

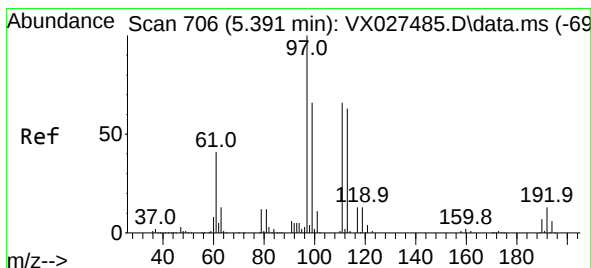
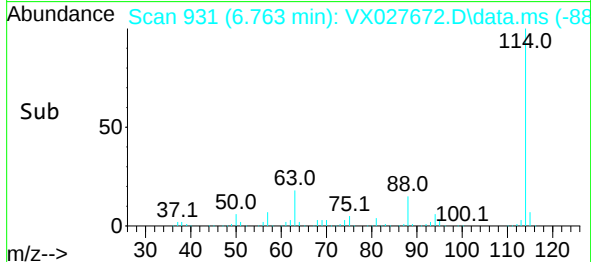
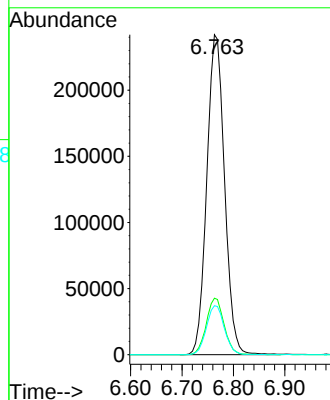
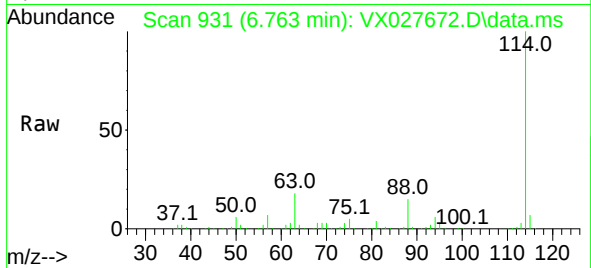




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

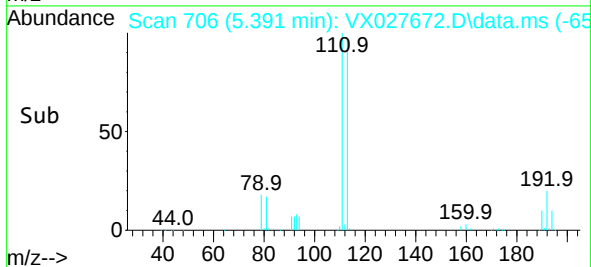
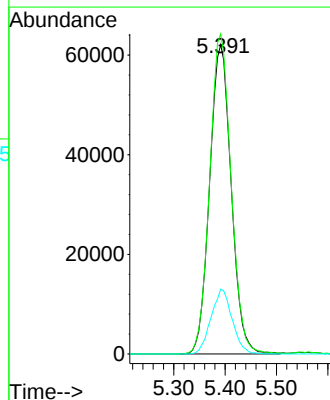
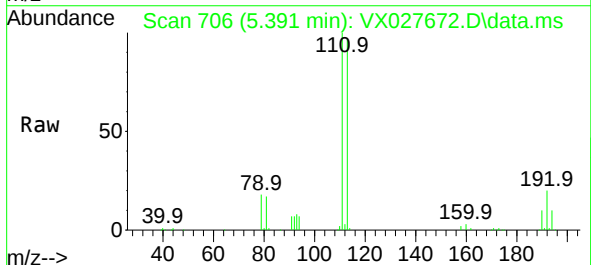
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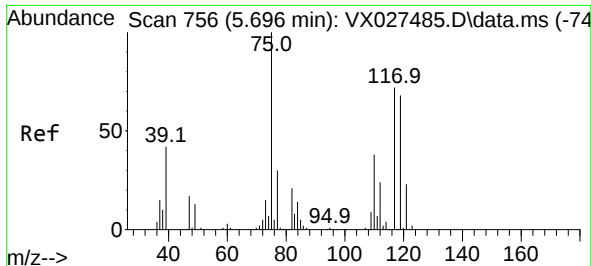
Tgt Ion:114 Resp: 580184
Ion Ratio Lower Upper
114 100
63 17.6 0.0 36.8
88 15.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.474 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion:113 Resp: 180943
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 20.5 16.9 25.3

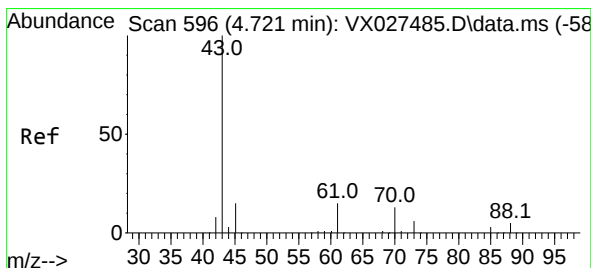
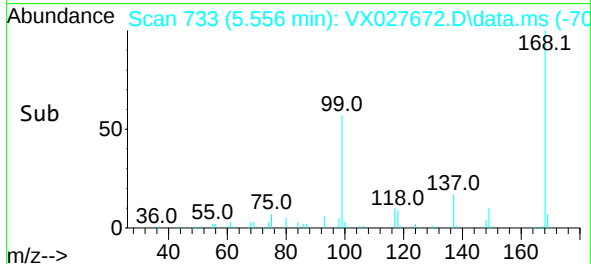
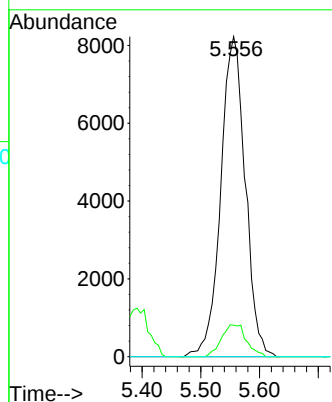
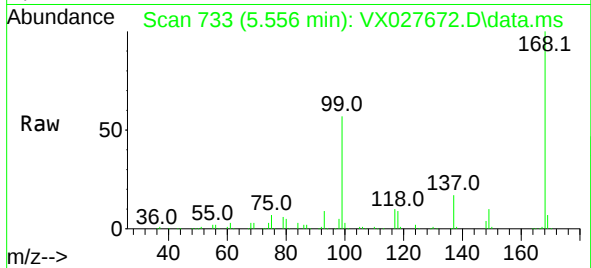




#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

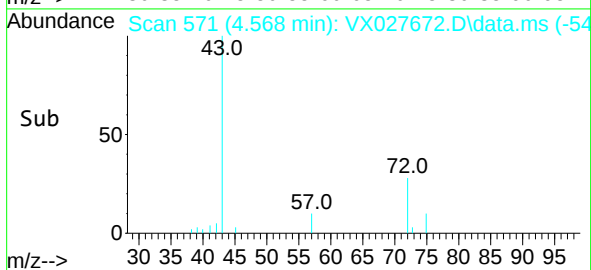
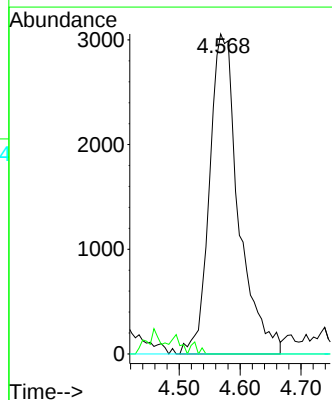
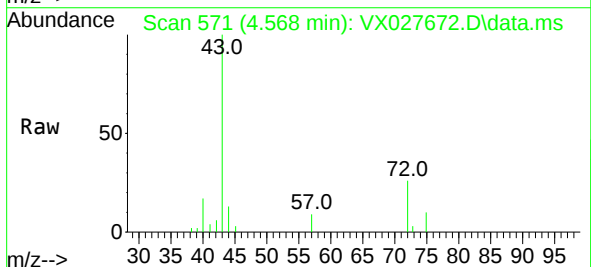
Instrument :
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ClientSampleId :
WC-14A-1A-3

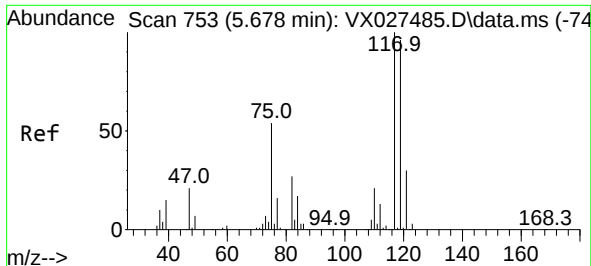
Tgt Ion: 75 Resp: 23795
Ion Ratio Lower Upper
75 100
110 10.2 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 1.995 ug/l
RT: 4.568 min Scan# 571
Delta R.T. -0.152 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion: 43 Resp: 10142
Ion Ratio Lower Upper
43 100
61 0.0 12.6 19.0#
70 0.0 10.2 15.2#

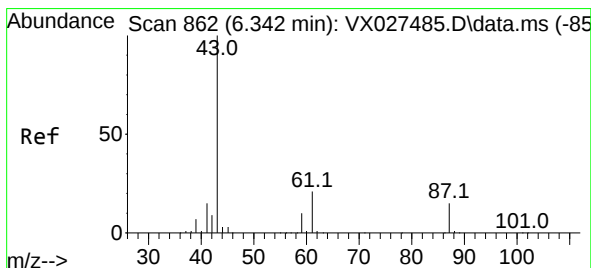
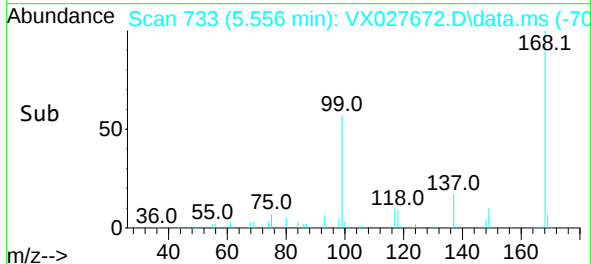
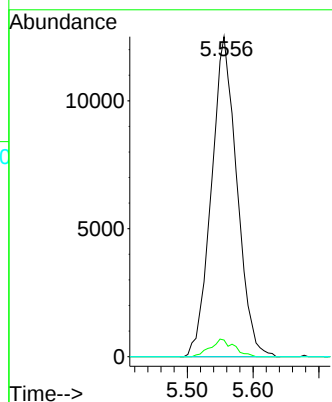
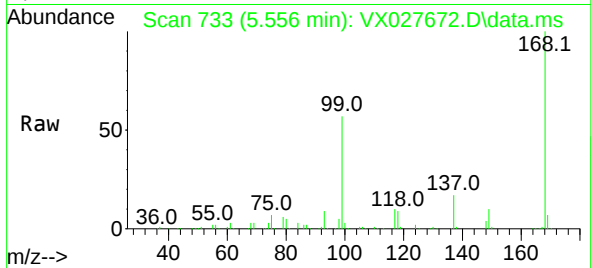




#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

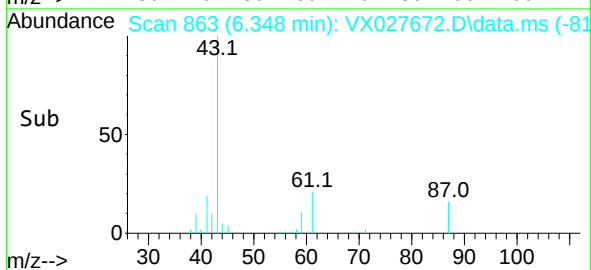
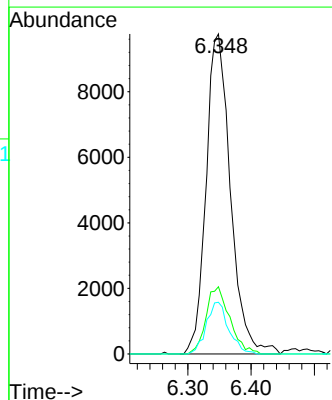
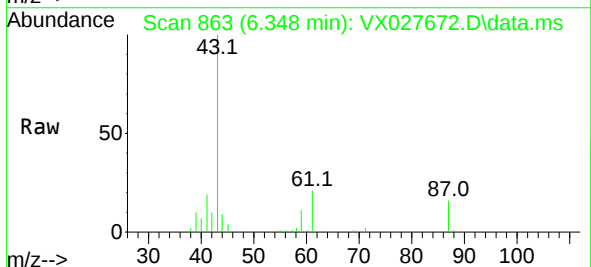
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-3

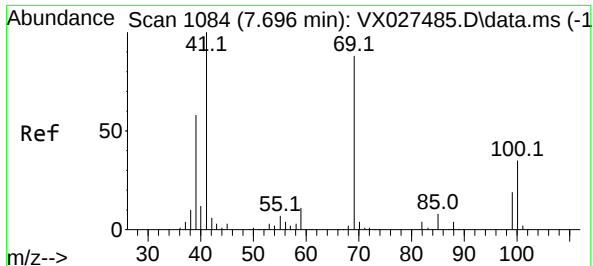
Tgt Ion:117 Resp: 33731
Ion Ratio Lower Upper
117 100
119 5.2 77.3 115.9#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.200 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion: 43 Resp: 26174
Ion Ratio Lower Upper
43 100
61 20.5 18.5 27.7
87 14.8 13.0 19.6





#48

Methyl methacrylate

Concen: 1.907 ug/l

RT: 7.598 min Scan# 1102

Delta R.T. -0.097 min

Lab File: VX027672.D

Acq: 23 Mar 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-3

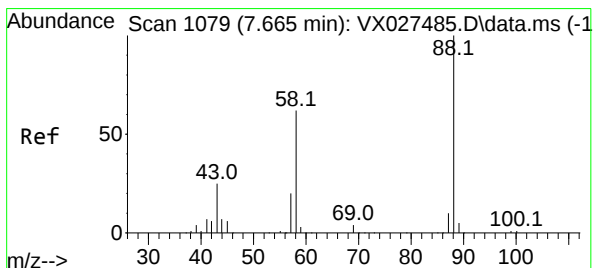
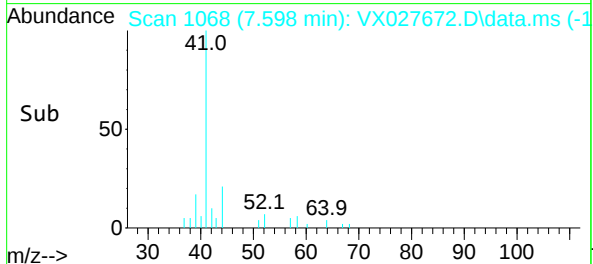
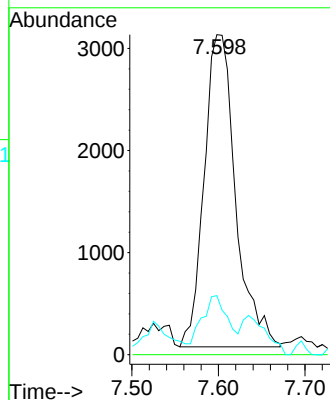
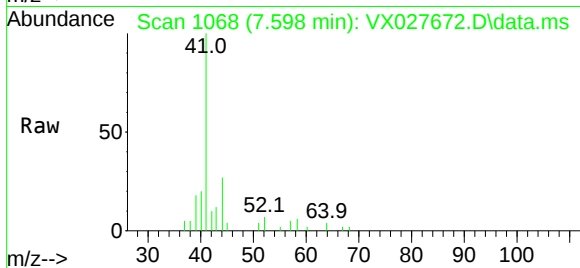
Tgt Ion: 41 Resp: 7721

Ion Ratio Lower Upper

41 100

69 0.0 82.5 123.7#

39 0.0 43.8 65.8#



#49

1,4-Dioxane

Concen: 2.914 ug/l

RT: 7.805 min Scan# 1102

Delta R.T. 0.140 min

Lab File: VX027672.D

Acq: 23 Mar 2022 17:01

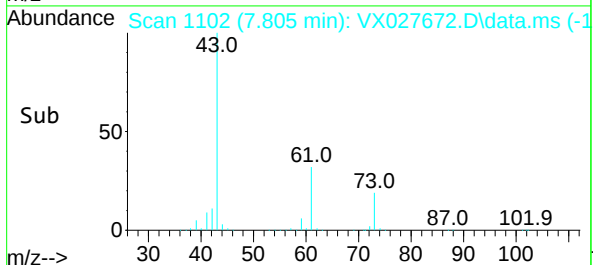
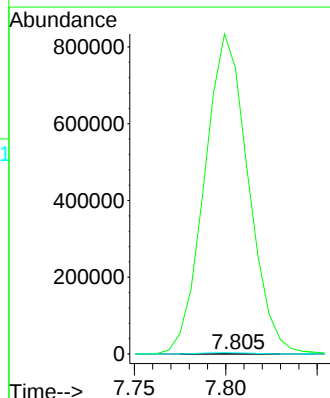
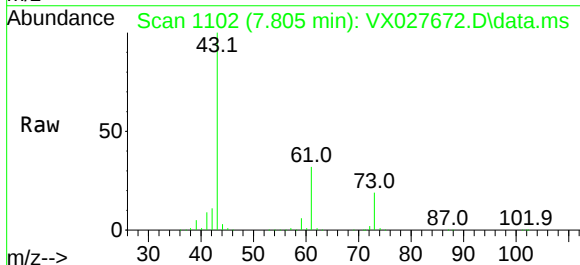
Tgt Ion: 88 Resp: 303

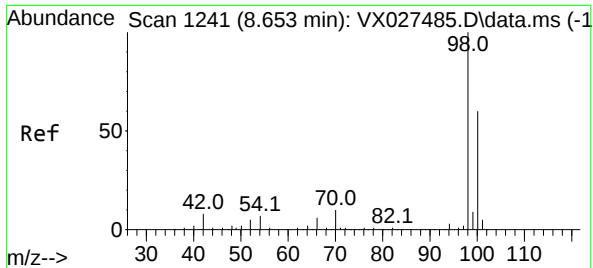
Ion Ratio Lower Upper

88 100

43 460925.4 21.9 32.9#

58 2144.9 53.7 80.5#

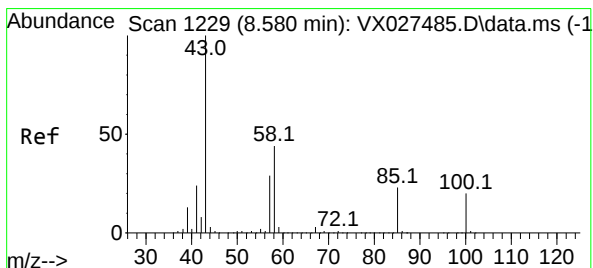
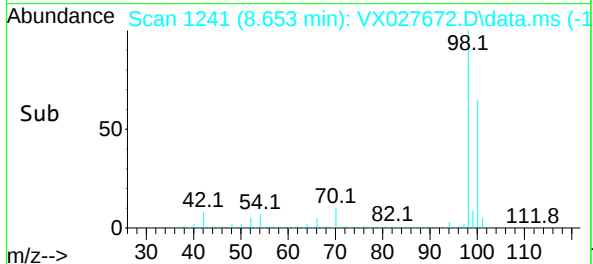
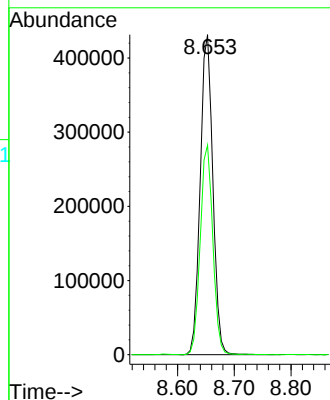
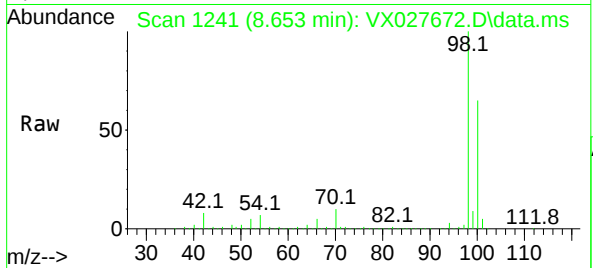




#50
Toluene-d8
Concen: 47.068 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

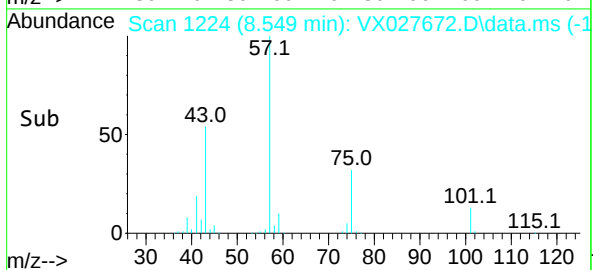
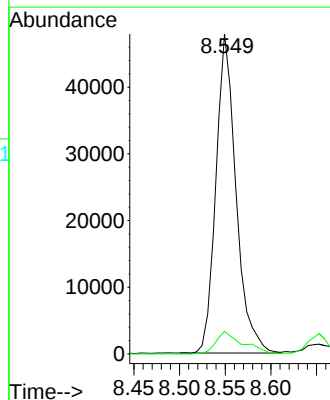
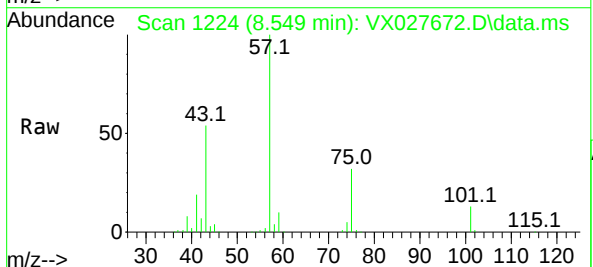
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-3

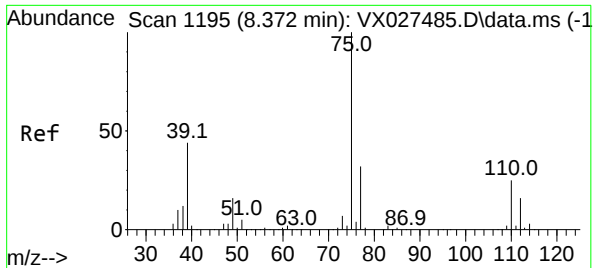
Tgt Ion: 98 Resp: 664855
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 14.030 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.030 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion: 43 Resp: 73264
Ion Ratio Lower Upper
43 100
58 9.4 36.1 54.1#

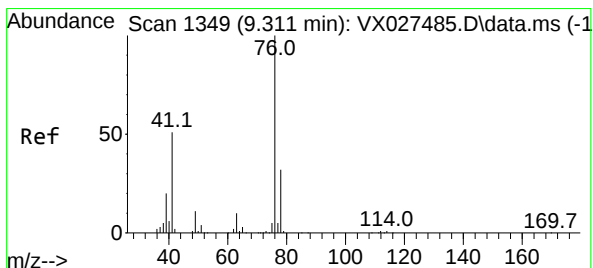
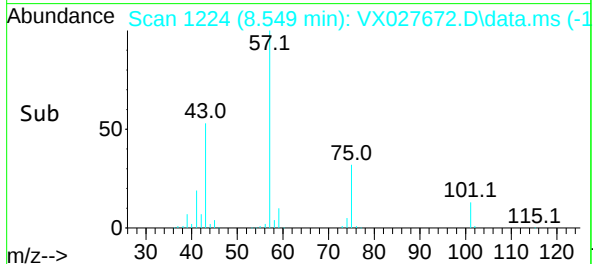
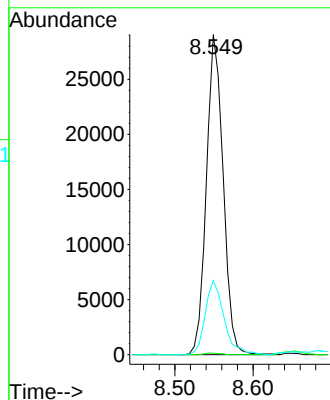
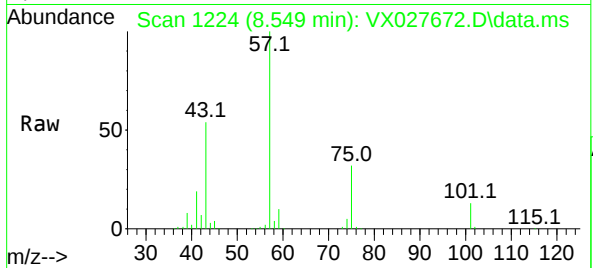




#54
cis-1,3-Dichloropropene
Concen: 7.196 ug/l
RT: 8.549 min Scan# 1195
Delta R.T. 0.177 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

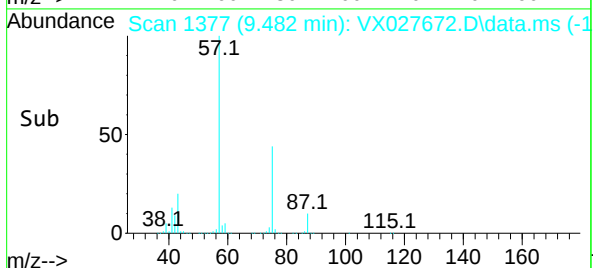
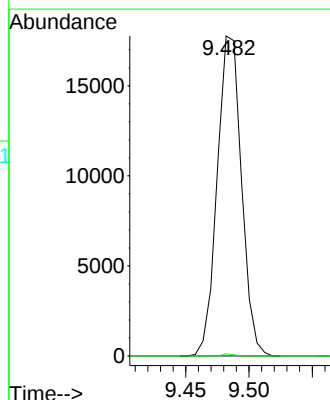
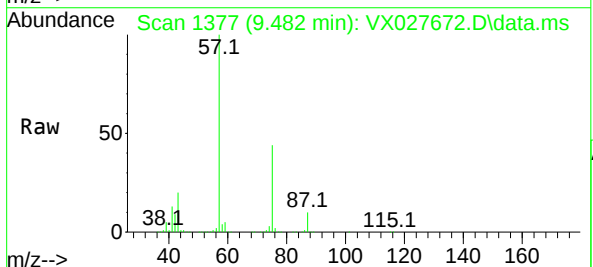
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-3

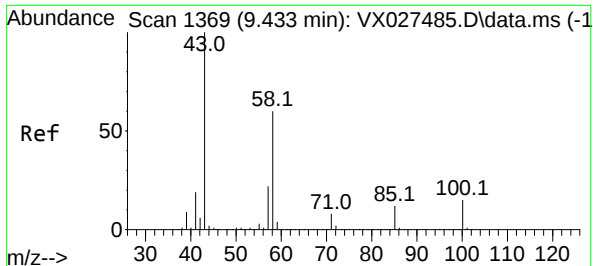
Tgt Ion: 75 Resp: 43100
Ion Ratio Lower Upper
75 100
77 0.5 24.8 37.2#
39 23.2 29.6 44.4#



#57
1,3-Dichloropropane
Concen: 3.663 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion: 76 Resp: 23746
Ion Ratio Lower Upper
76 100
78 0.3 25.8 38.8#





#59

2-Hexanone

Concen: 73.419 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX027672.D

Acq: 23 Mar 2022 17:01

Instrument :

MSVOA_X

ClientSampleId :

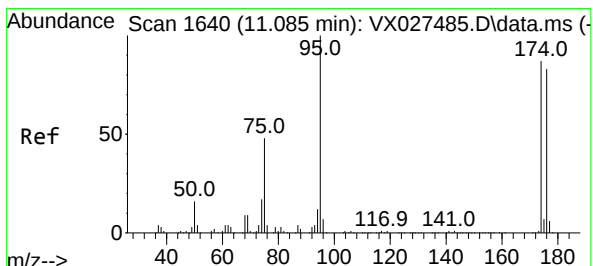
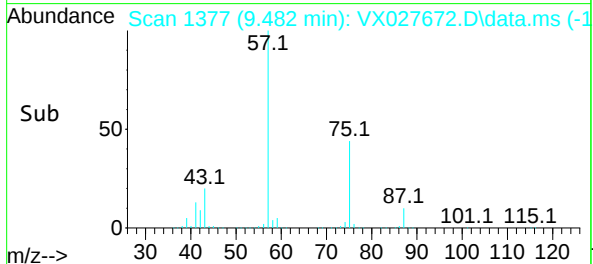
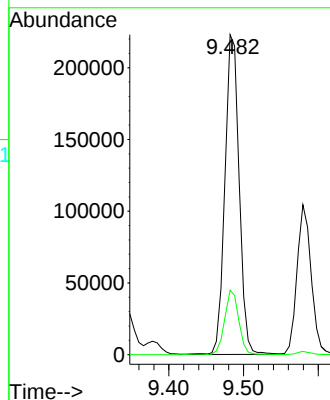
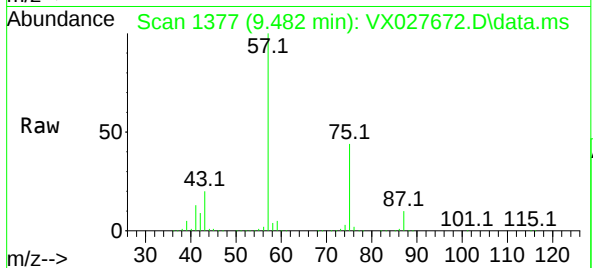
WC-14A-1A-3

Tgt Ion: 43 Resp: 295292

Ion Ratio Lower Upper

43 100

58 19.8 31.9 95.7#



#62

4-Bromofluorobenzene

Concen: 46.654 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027672.D

Acq: 23 Mar 2022 17:01

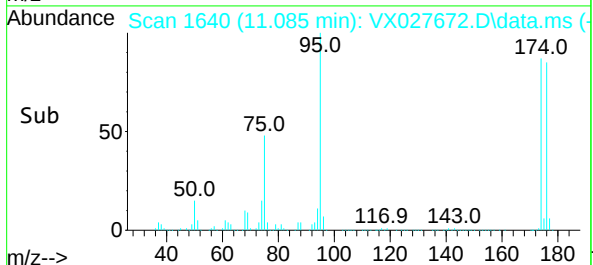
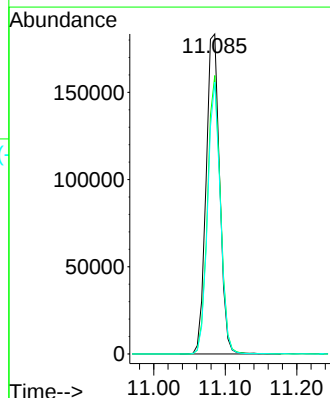
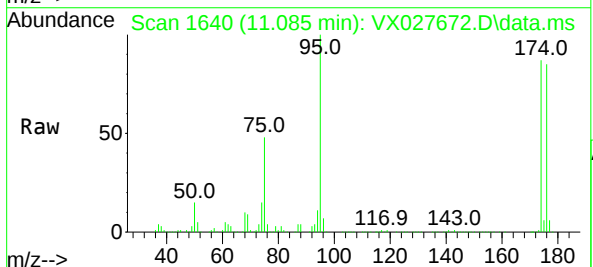
Tgt Ion: 95 Resp: 242219

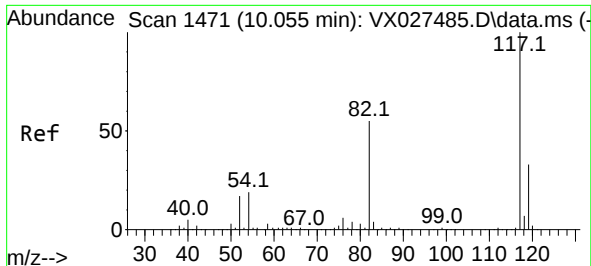
Ion Ratio Lower Upper

95 100

174 83.0 0.0 163.0

176 79.6 0.0 155.0

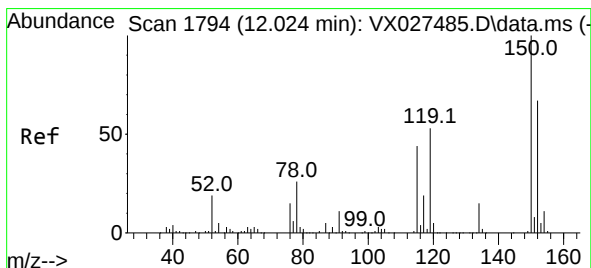
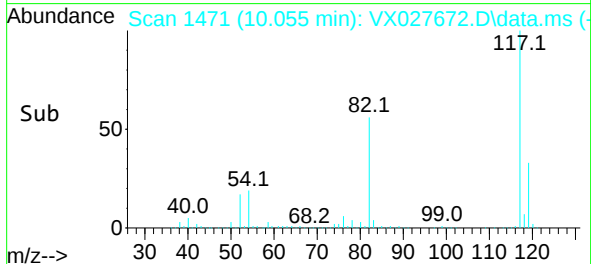
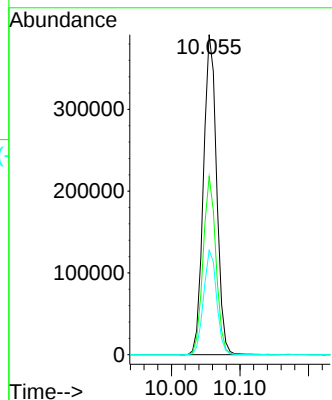
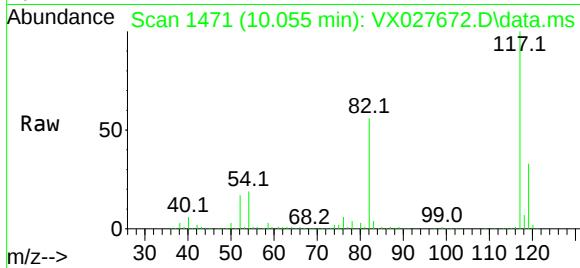




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

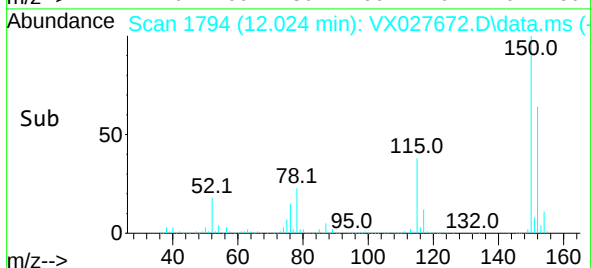
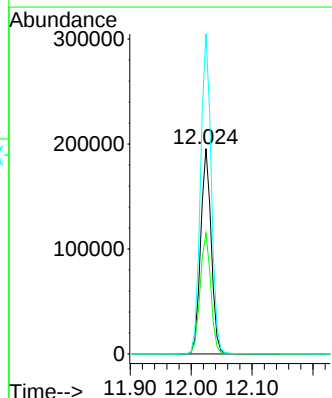
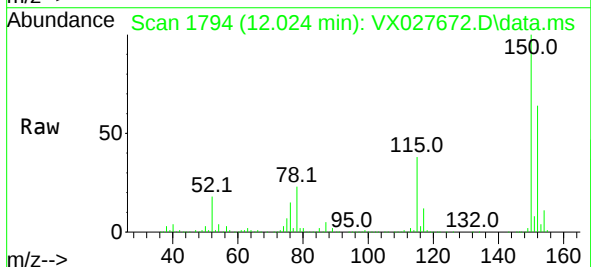
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-3

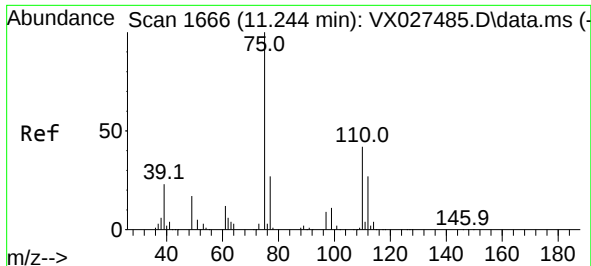
Tgt Ion:117 Resp: 524685
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion:152 Resp: 235760
Ion Ratio Lower Upper
152 100
115 59.2 37.5 112.7
150 157.4 0.0 338.2

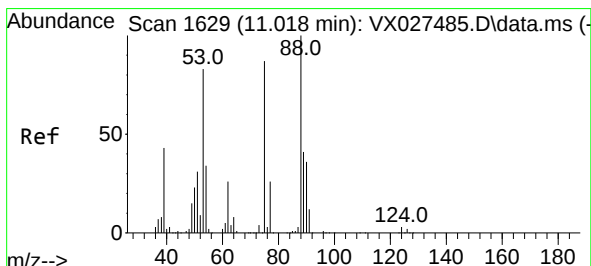
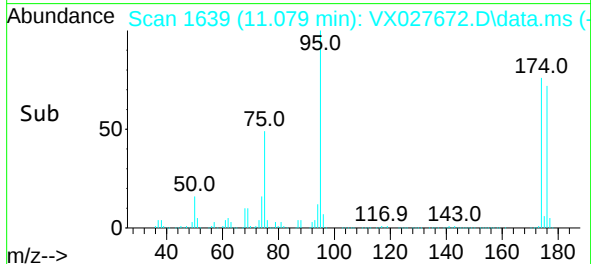
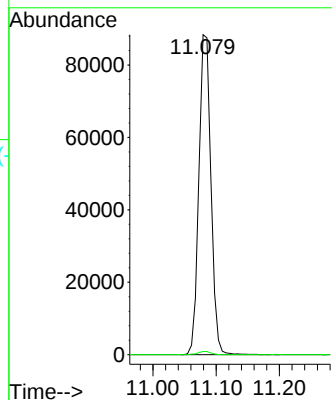
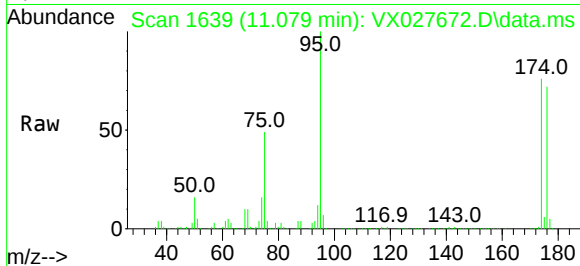




#76
1,2,3-Trichloropropane
Concen: 23.827 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-3

Tgt Ion: 75 Resp: 117499
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.364 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027672.D
Acq: 23 Mar 2022 17:01

Tgt Ion: 75 Resp: 117499
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

