

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011122\
 Data File : VX026432.D
 Acq On : 11 Jan 2022 20:04
 Operator : JC/MD
 Sample : M5331-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-1

Quant Time: Jan 12 06:48:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

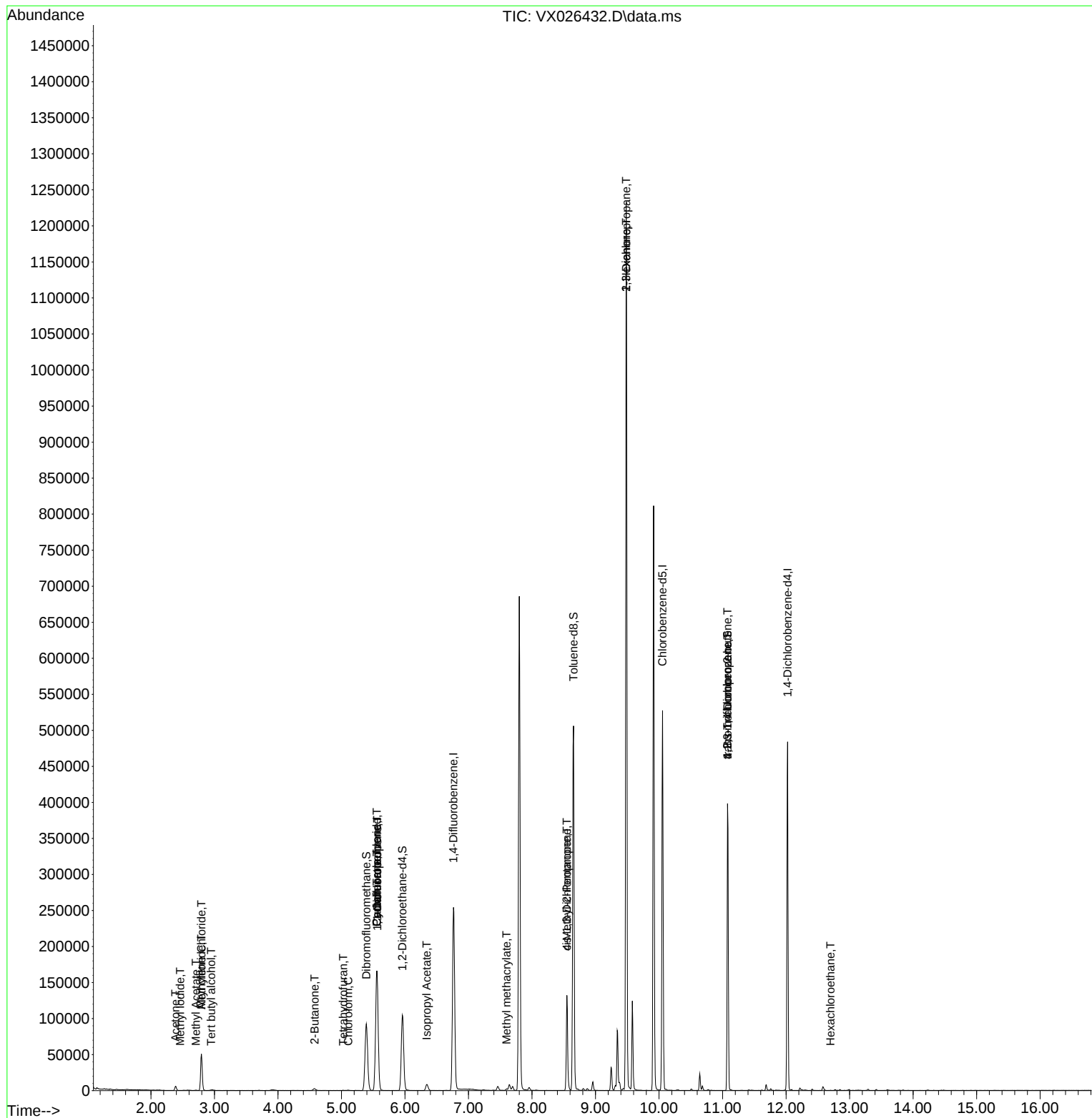
Internal Standards						
1) Pentafluorobenzene	5.556	168	152343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	256610	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106687	50.132	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.260%		
35) Dibromofluoromethane	5.391	113	81606	49.246	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.500%		
50) Toluene-d8	8.653	98	299088	50.086	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 100.180%		
62) 4-Bromofluorobenzene	11.079	95	108820	51.299	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.600%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.459	142	50	4.471	ug/l #	83
11) Tert butyl alcohol	2.946	59	958	3.236	ug/l #	75
14) Allyl chloride	2.794	41	968	0.331	ug/l #	25
16) Acetone	2.386	43	6990	6.441	ug/l	97
18) Methyl Acetate	2.709	43	721	0.334	ug/l #	78
20) Methylene Chloride	2.794	84	22435	12.512	ug/l	97
25) 2-Butanone	4.574	43	4007	2.839	ug/l	95
29) Tetrahydrofuran	5.025	42	362	0.432	ug/l #	52
30) Chloroform	5.105	83	720	0.216	ug/l	96
31) Cyclohexane	5.556	56	3381	1.077	ug/l #	4
36) 1,1-Dichloropropene	5.562	75	12752	4.875	ug/l #	50
38) Carbon Tetrachloride	5.556	117	16478	6.124	ug/l #	16
43) Isopropyl Acetate	6.342	43	11951	2.796	ug/l	99
48) Methyl methacrylate	7.598	41	3732	1.762	ug/l #	16
51) 4-Methyl-2-Pentanone	8.549	43	46091	18.179	ug/l #	50
54) cis-1,3-Dichloropropene	8.549	75	19899	7.207	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	10345	3.448	ug/l #	43
59) 2-Hexanone	9.482	43	152848	78.765	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	55589	26.850	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	55589	81.245	ug/l #	3
90) Hexachloroethane	12.701	117	185	2.342	ug/l #	14

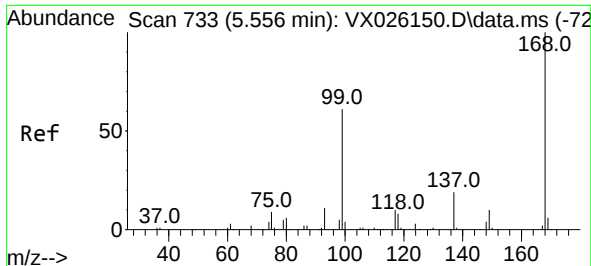
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration

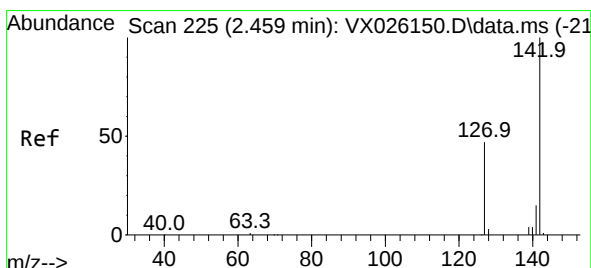
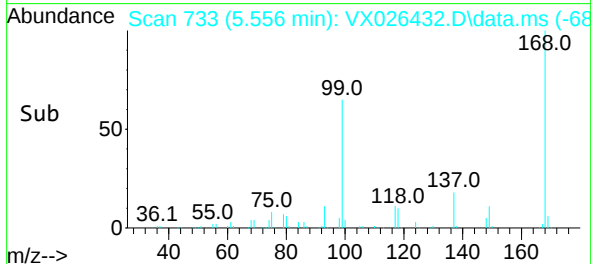
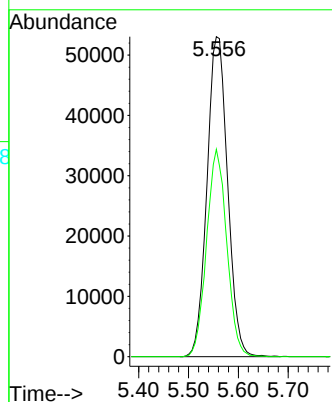
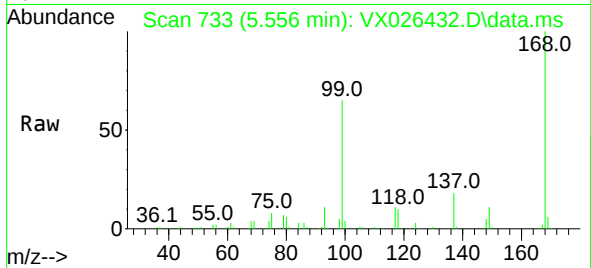




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

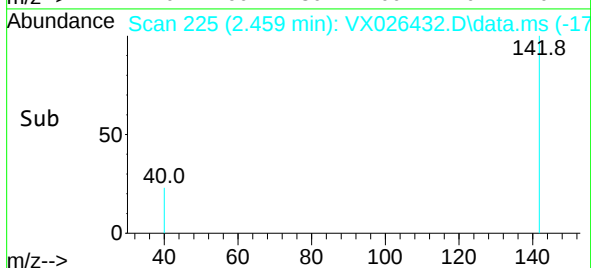
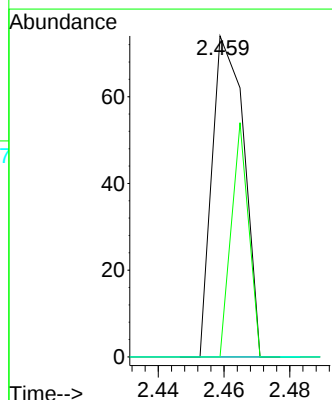
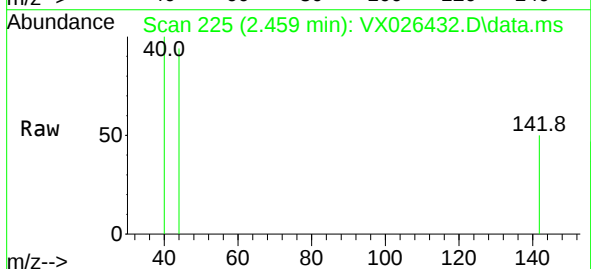
Instrument :
MSVOA_X
ClientSampleId :
WC-1

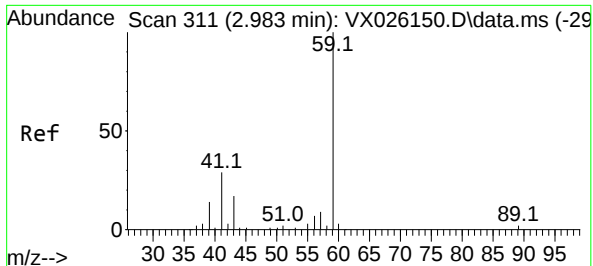
Tgt Ion:168 Resp: 152343
Ion Ratio Lower Upper
168 100
99 64.8 50.3 75.5



#10
Methyl Iodide
Concen: 4.471 ug/l
RT: 2.459 min Scan# 225
Delta R.T. -0.000 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

Tgt Ion:142 Resp: 50
Ion Ratio Lower Upper
142 100
127 40.0 38.1 57.1
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 3.236 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.061 min

Lab File: VX026432.D

Acq: 11 Jan 2022 20:04

Instrument :

MSVOA_X

ClientSampleId :

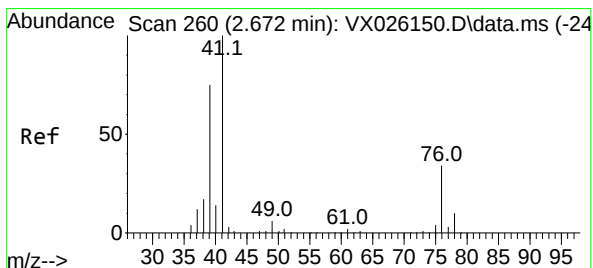
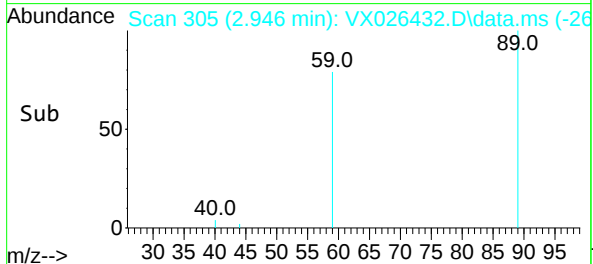
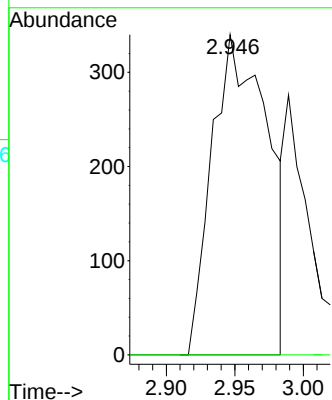
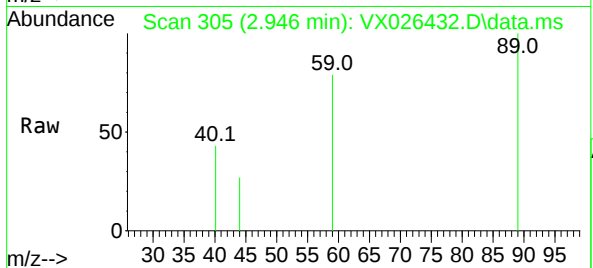
WC-1

Tgt Ion: 59 Resp: 958

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.331 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.122 min

Lab File: VX026432.D

Acq: 11 Jan 2022 20:04

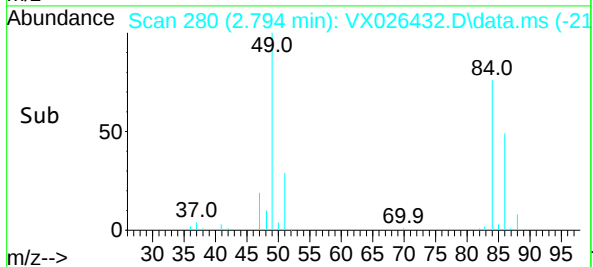
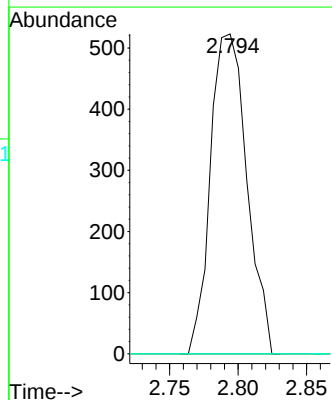
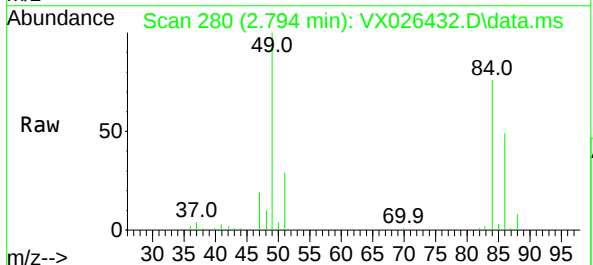
Tgt Ion: 41 Resp: 968

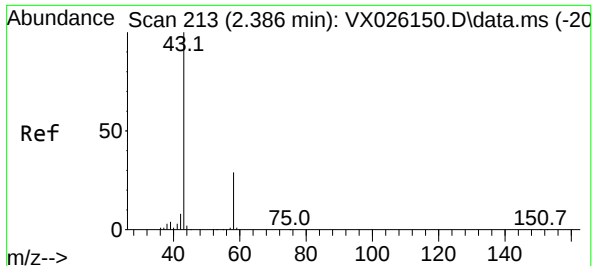
Ion Ratio Lower Upper

41 100

39 0.0 54.2 81.4#

76 0.0 25.2 37.8#

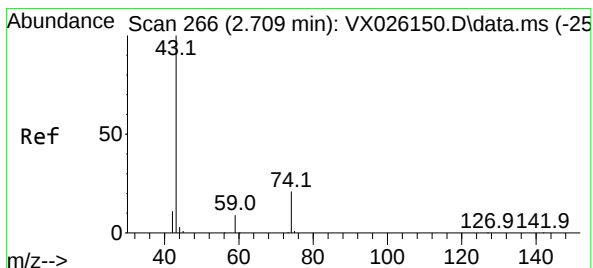
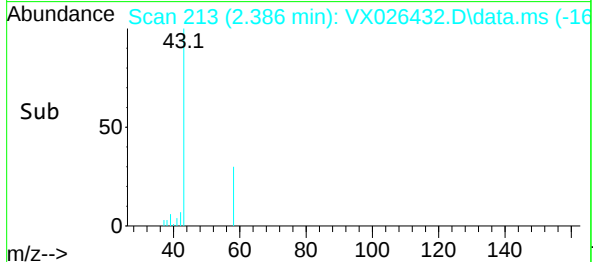
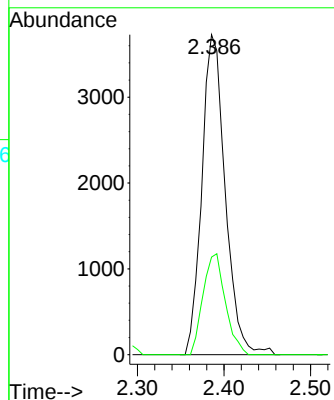
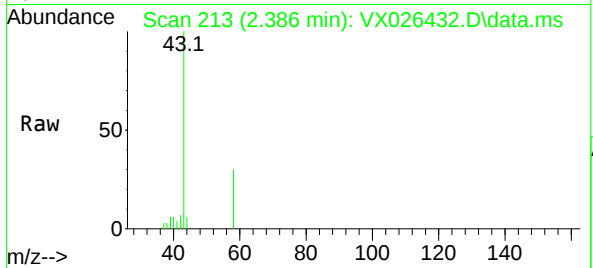




#16
Acetone
Concen: 6.441 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

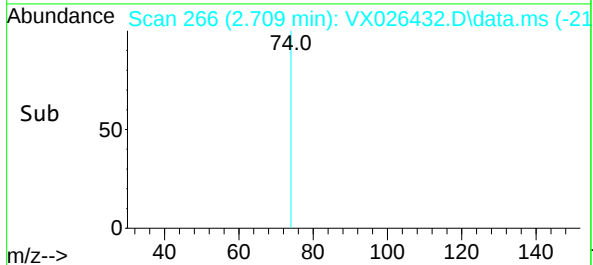
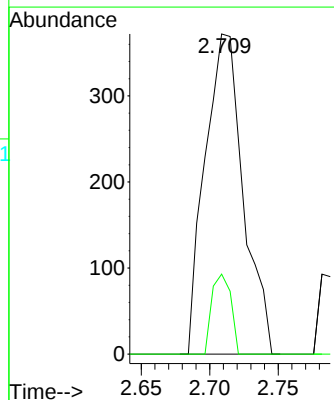
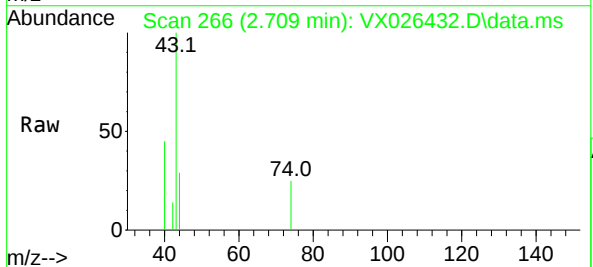
Instrument :
MSVOA_X
ClientSampleId :
WC-1

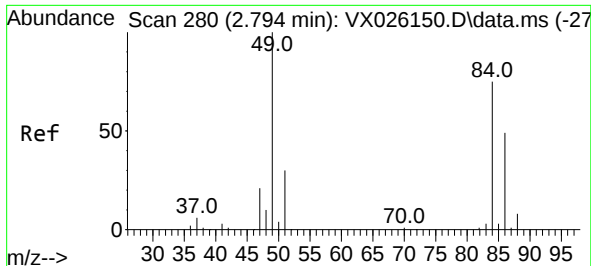
Tgt Ion: 43 Resp: 6990
Ion Ratio Lower Upper
43 100
58 30.5 23.0 34.6



#18
Methyl Acetate
Concen: 0.334 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

Tgt Ion: 43 Resp: 721
Ion Ratio Lower Upper
43 100
74 12.5 18.3 27.5#

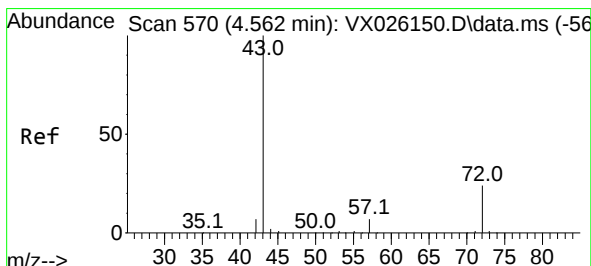
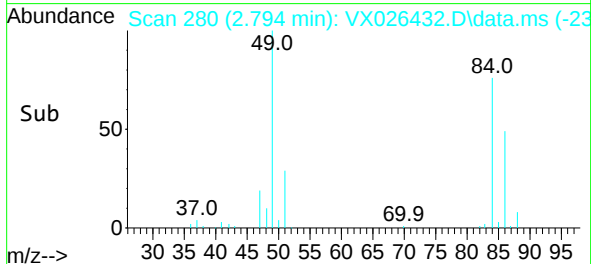
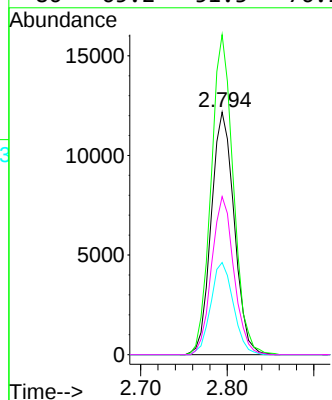
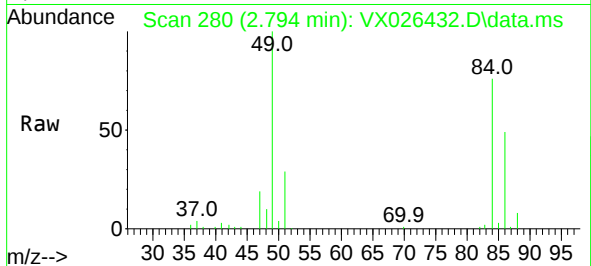




#20
Methylene Chloride
Concen: 12.512 ug/l
RT: 2.794 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

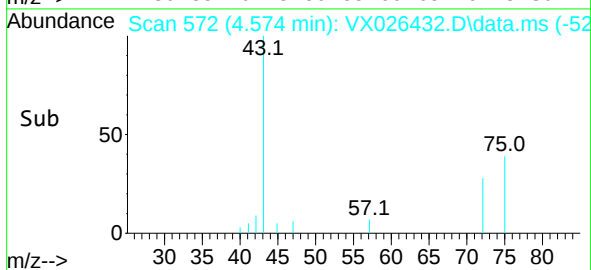
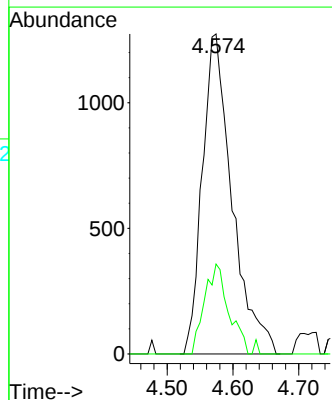
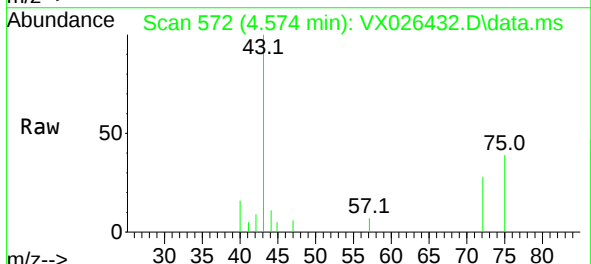
Instrument :
MSVOA_X
ClientSampleId :
WC-1

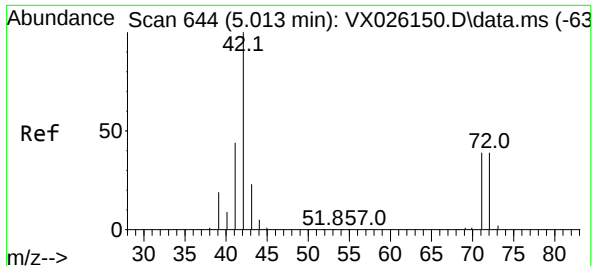
Tgt Ion: 84	Resp: 22435		
Ion	Ratio	Lower	Upper
84	100		
49	131.9	101.5	152.3
51	38.0	31.2	46.8
86	65.2	51.3	76.9



#25
2-Butanone
Concen: 2.839 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

Tgt Ion: 43	Resp: 4007		
Ion Ratio	Lower	Upper	
43 100			
72 28.1	20.4	30.6	





#29

Tetrahydrofuran

Concen: 0.432 ug/l

RT: 5.025 min Scan# 64

Delta R.T. 0.012 min

Lab File: VX026432.D

Acq: 11 Jan 2022 20:04

Instrument :

MSVOA_X

ClientSampleId :

WC-1

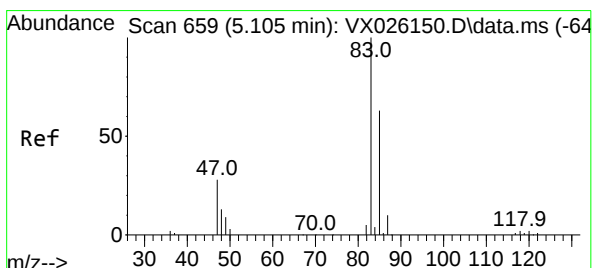
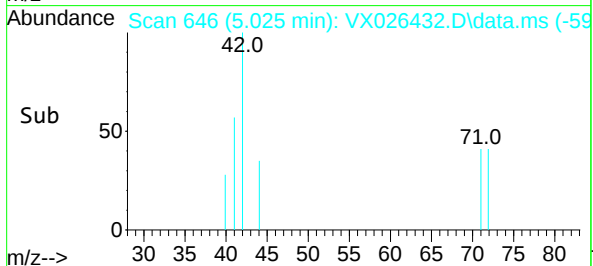
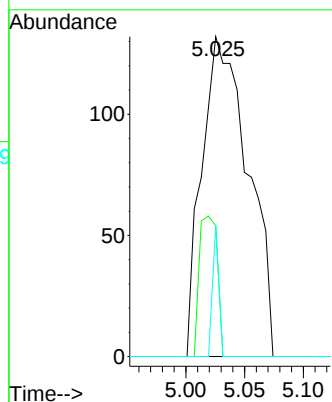
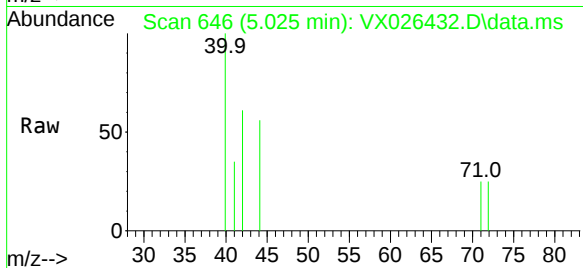
Tgt Ion: 42 Resp: 362

Ion Ratio Lower Upper

42 100

72 16.9 34.6 52.0#

71 5.5 31.8 47.8#



#30

Chloroform

Concen: 0.216 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX026432.D

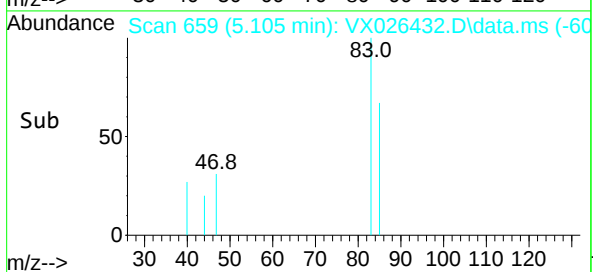
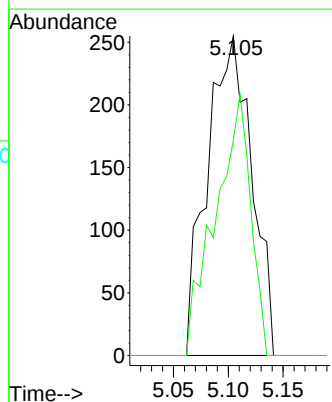
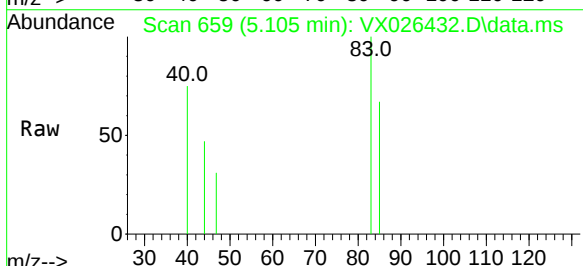
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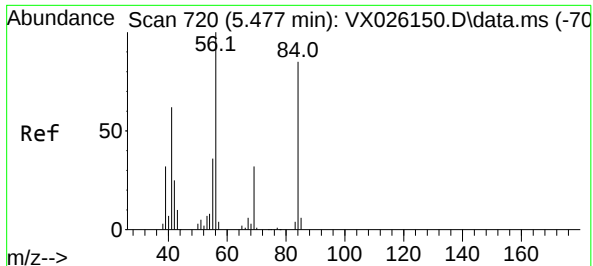
Tgt Ion: 83 Resp: 720

Ion Ratio Lower Upper

83 100

85 67.5 51.6 77.4

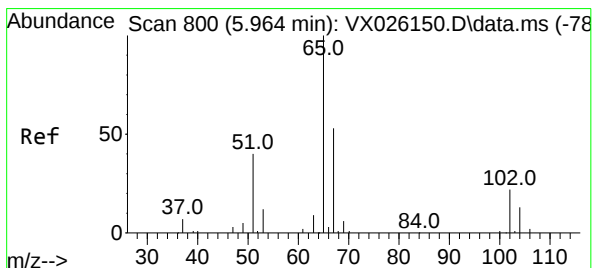
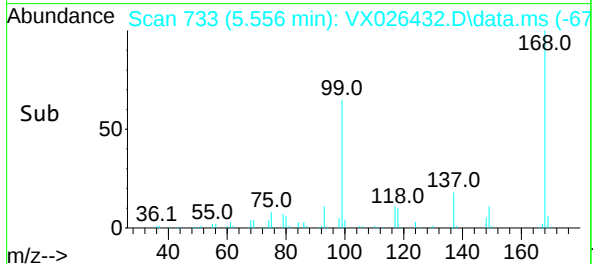
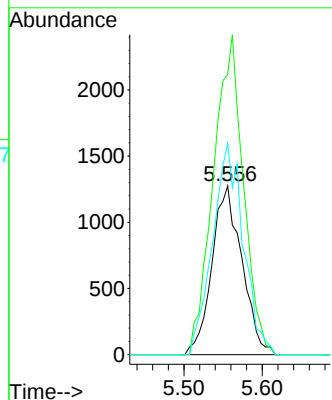
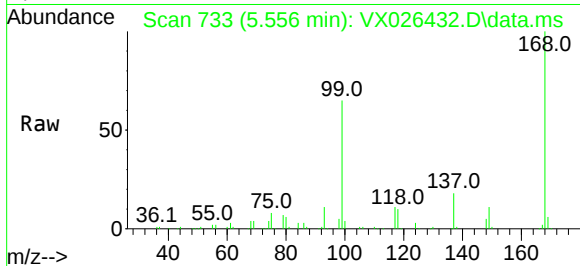




#31
Cyclohexane
Concen: 1.077 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

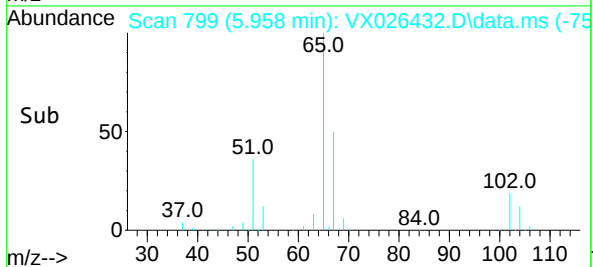
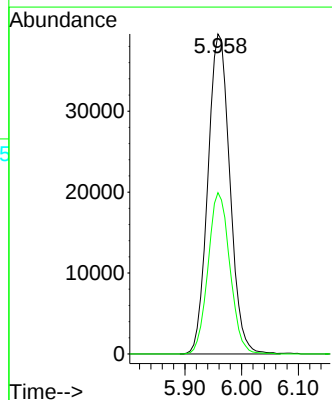
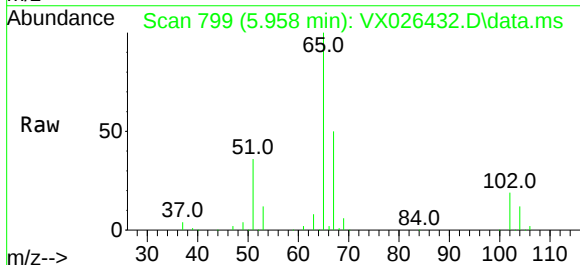
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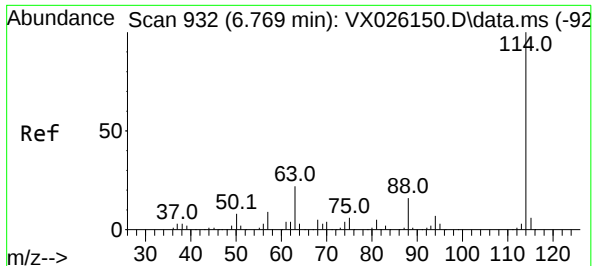
Tgt Ion: 56 Resp: 3381
Ion Ratio Lower Upper
56 100
69 166.2 25.8 38.6#
84 125.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.132 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

Tgt Ion: 65 Resp: 106687
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8

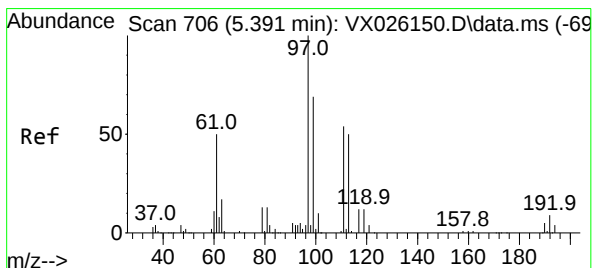
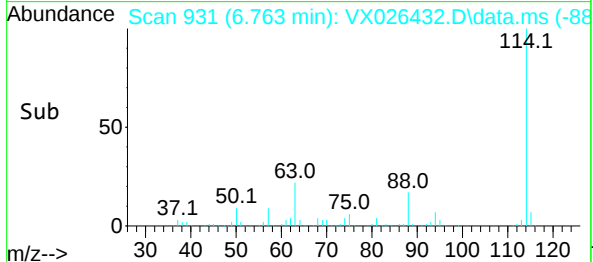
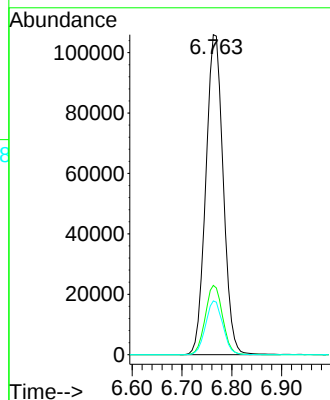
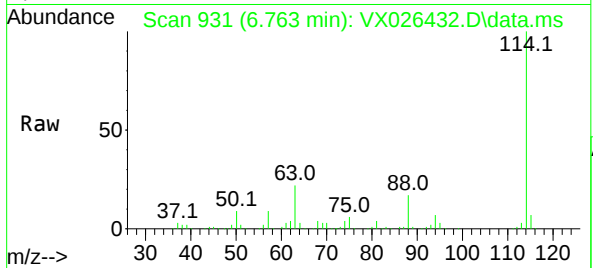




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

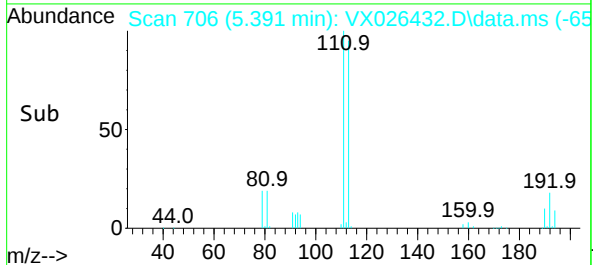
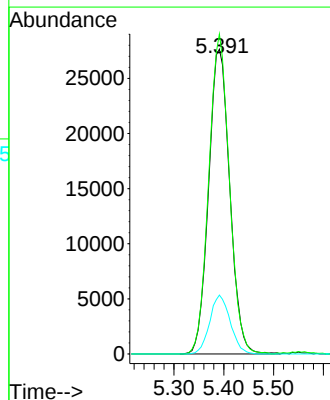
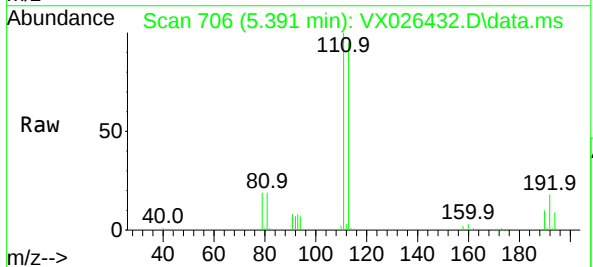
Instrument :
MSVOA_X
ClientSampleId :
WC-1

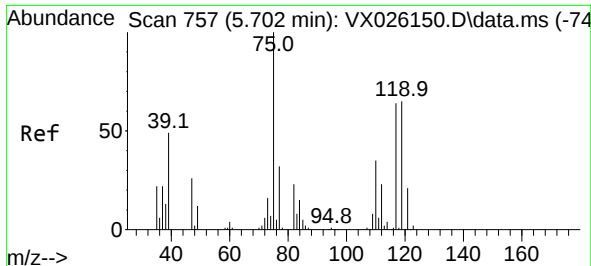
Tgt Ion:114 Resp: 256610
Ion Ratio Lower Upper
114 100
63 21.6 0.0 42.8
88 16.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.246 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

Tgt Ion:113 Resp: 81606
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 18.6 15.0 22.4





#36

1,1-Dichloropropene

Concen: 4.875 ug/l

RT: 5.562 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX026432.D

Acq: 11 Jan 2022 20:04

Instrument :

MSVOA_X

ClientSampleId :

WC-1

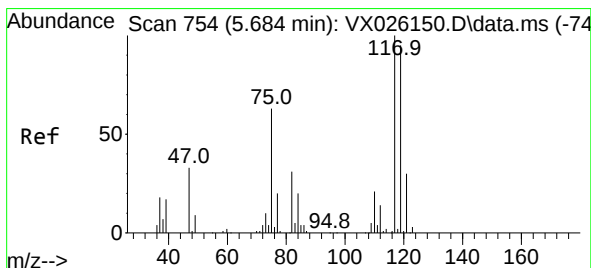
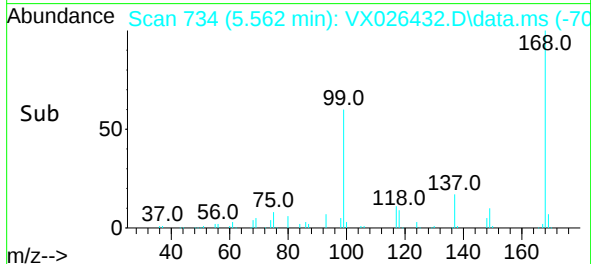
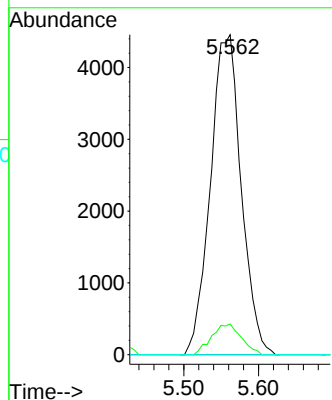
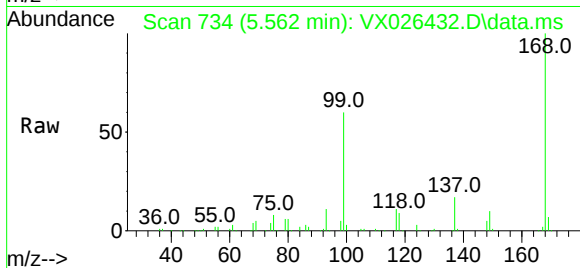
Tgt Ion: 75 Resp: 12752

Ion Ratio Lower Upper

75 100

110 9.3 17.2 51.6#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 6.124 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX026432.D

Acq: 11 Jan 2022 20:04

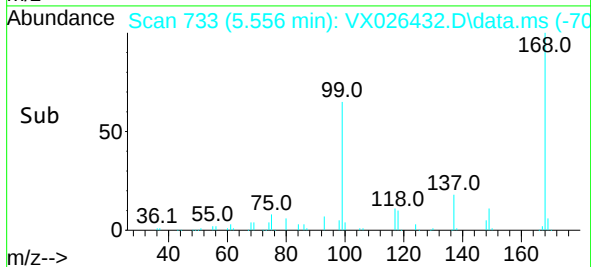
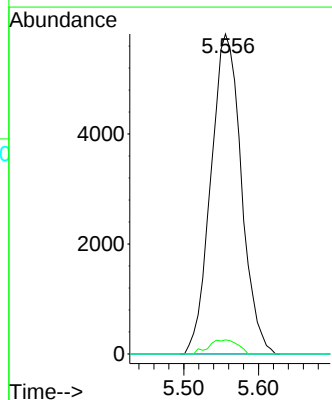
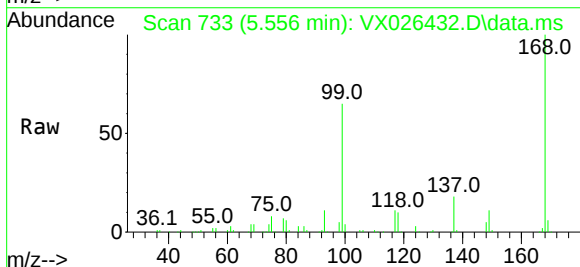
Tgt Ion: 117 Resp: 16478

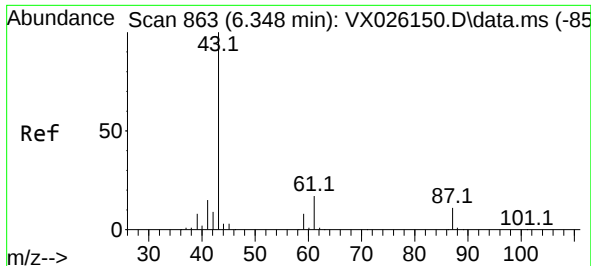
Ion Ratio Lower Upper

117 100

119 4.4 74.7 112.1#

121 0.0 25.4 38.0#

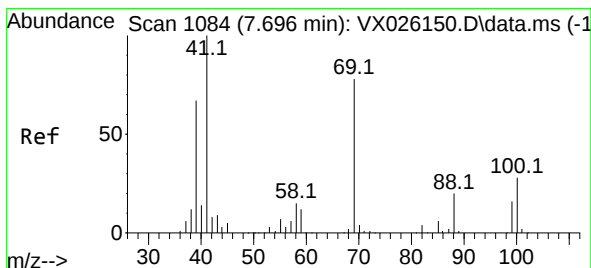
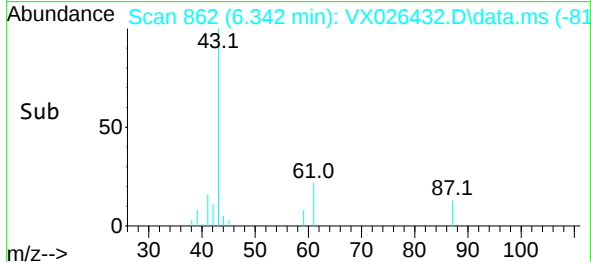
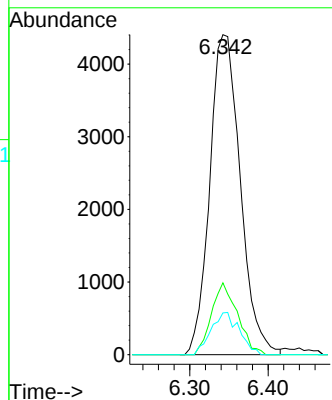
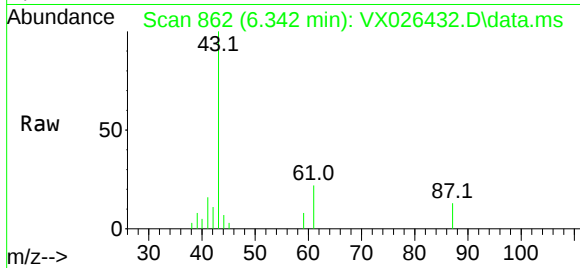




#43
Isopropyl Acetate
Concen: 2.796 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

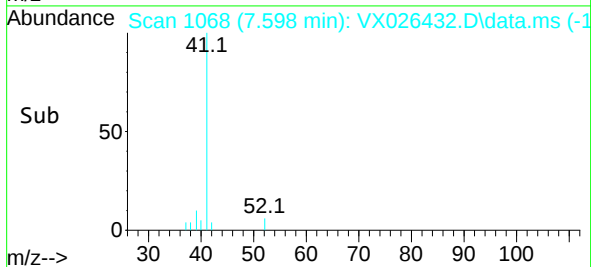
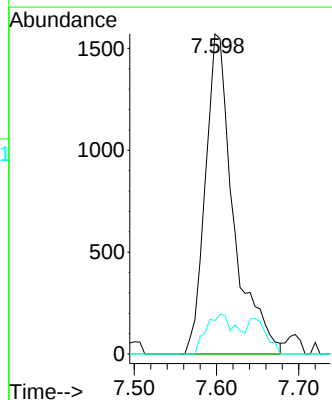
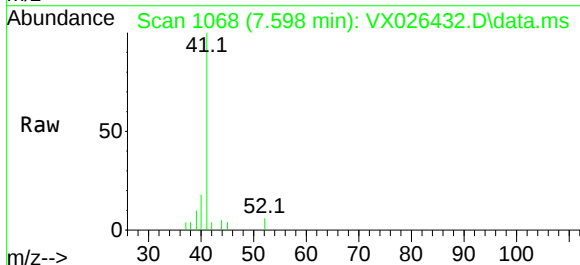
Instrument :
MSVOA_X
ClientSampleId :
WC-1

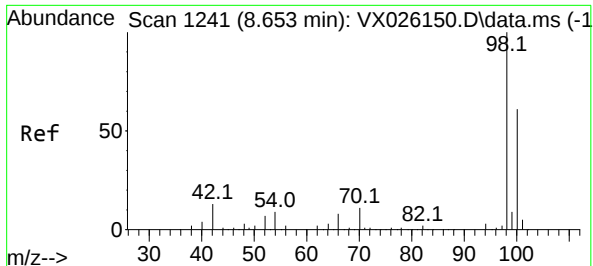
Tgt Ion: 43 Resp: 11951
Ion Ratio Lower Upper
43 100
61 19.2 15.4 23.0
87 12.2 10.2 15.2



#48
Methyl methacrylate
Concen: 1.762 ug/l
RT: 7.598 min Scan# 1068
Delta R.T. -0.098 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

Tgt Ion: 41 Resp: 3732
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.4#
39 0.0 45.4 68.0#

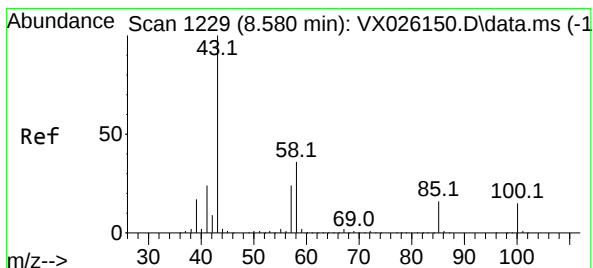
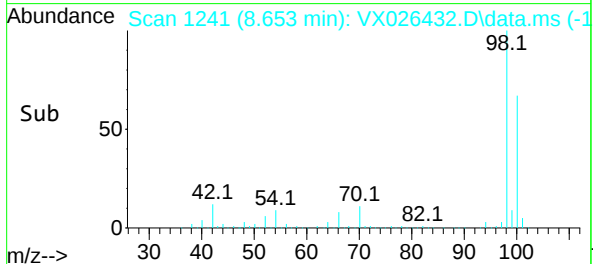
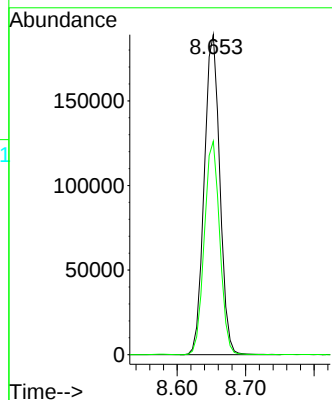
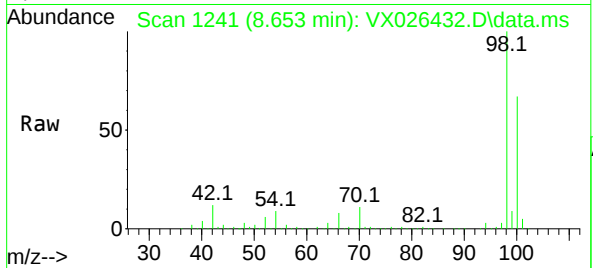




#50
Toluene-d8
Concen: 50.086 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

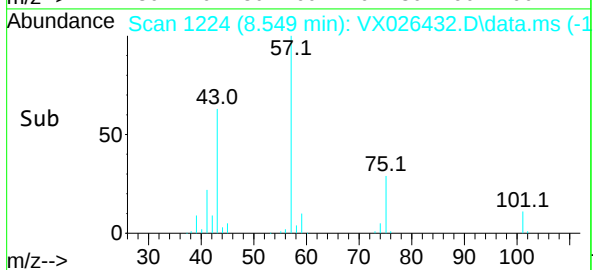
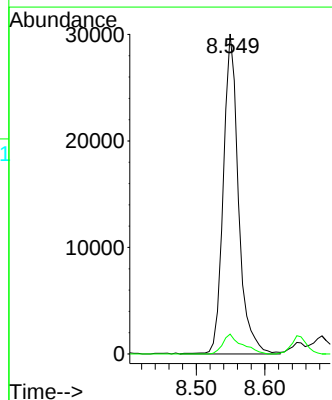
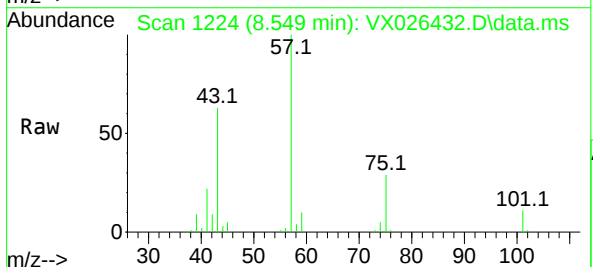
Instrument :
MSVOA_X
ClientSampleId :
WC-1

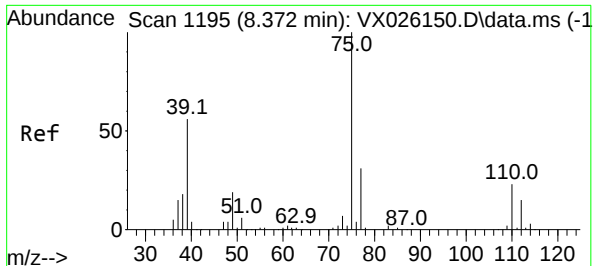
Tgt Ion: 98 Resp: 299088
Ion Ratio Lower Upper
98 100
100 66.2 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 18.179 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

Tgt Ion: 43 Resp: 46091
Ion Ratio Lower Upper
43 100
58 7.8 30.5 45.7#





#54

cis-1,3-Dichloropropene

Concen: 7.207 ug/l

RT: 8.549 min Scan# 1195

Delta R.T. 0.183 min

Lab File: VX026432.D

Acq: 11 Jan 2022 20:04

Instrument :

MSVOA_X

ClientSampleId :

WC-1

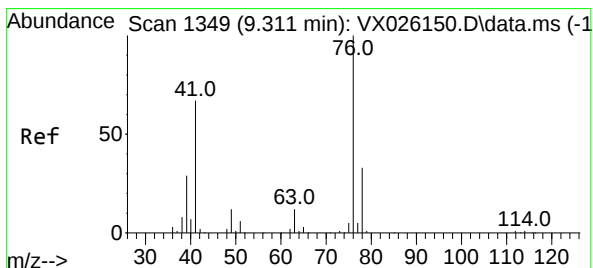
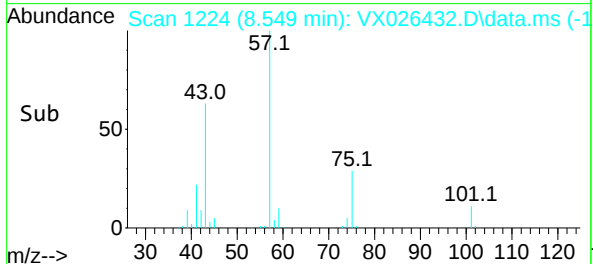
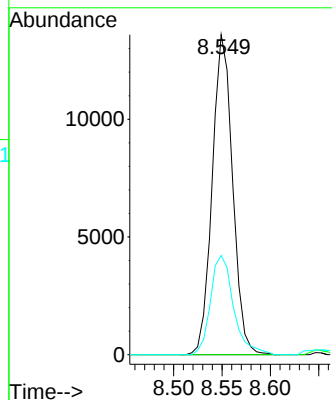
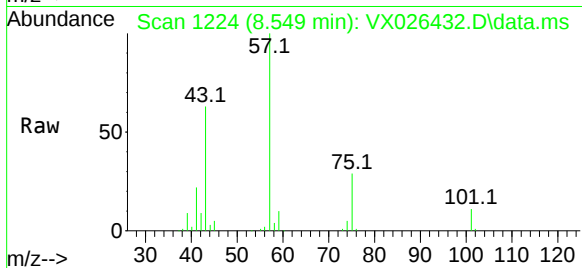
Tgt Ion: 75 Resp: 19899

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 31.0 43.5 65.3#



#57

1,3-Dichloropropane

Concen: 3.448 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX026432.D

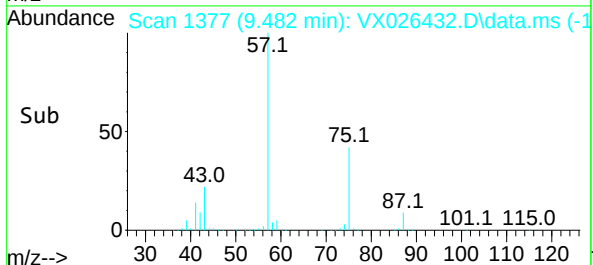
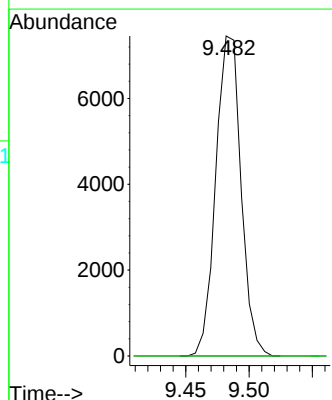
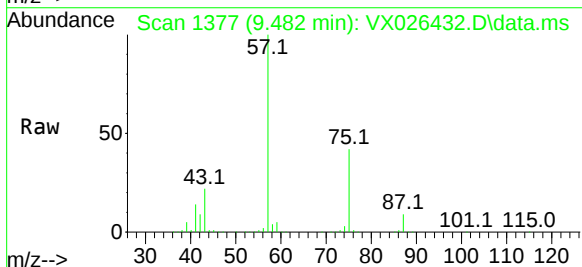
Acq: 11 Jan 2022 20:04

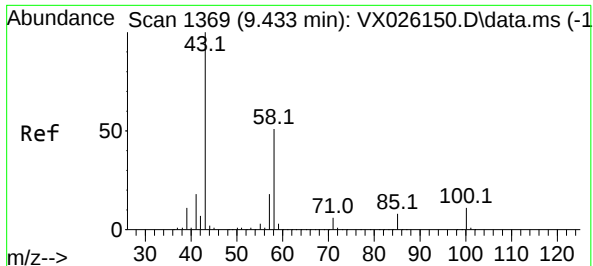
Tgt Ion: 76 Resp: 10345

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#





#59

2-Hexanone

Concen: 78.765 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX026432.D

Acq: 11 Jan 2022 20:04

Instrument :

MSVOA_X

ClientSampleId :

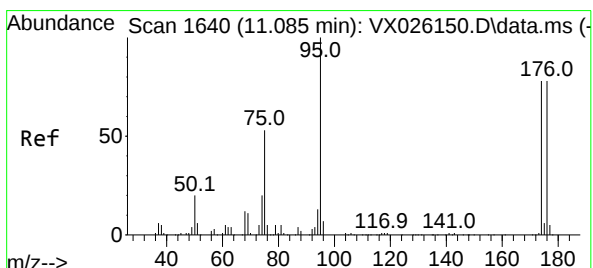
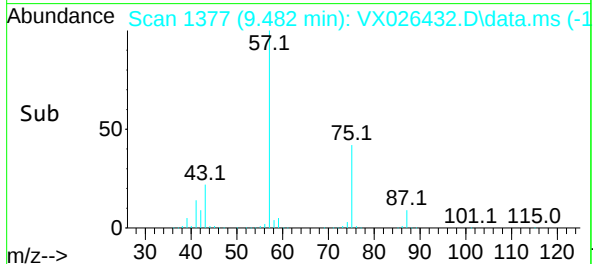
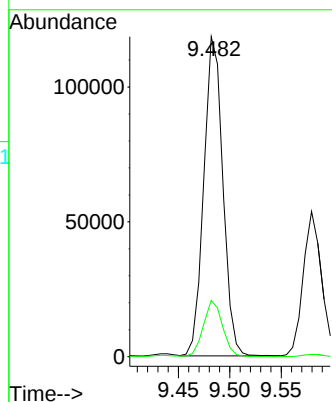
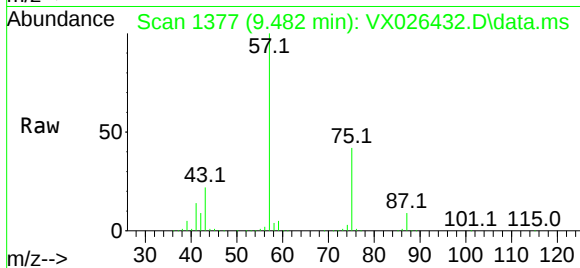
WC-1

Tgt Ion: 43 Resp: 152848

Ion Ratio Lower Upper

43 100

58 17.8 26.4 79.2#



#62

4-Bromofluorobenzene

Concen: 51.299 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX026432.D

Acq: 11 Jan 2022 20:04

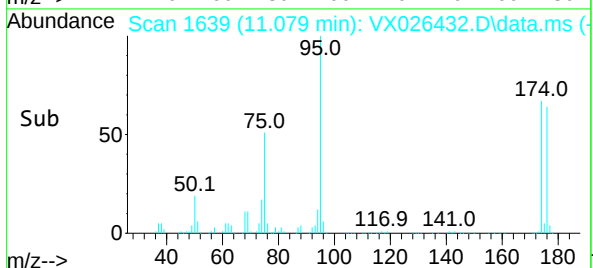
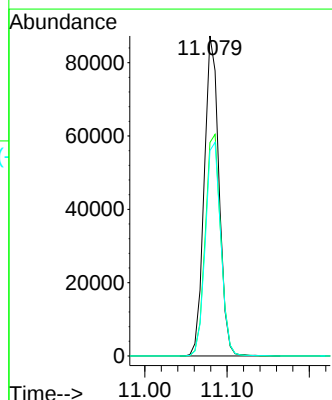
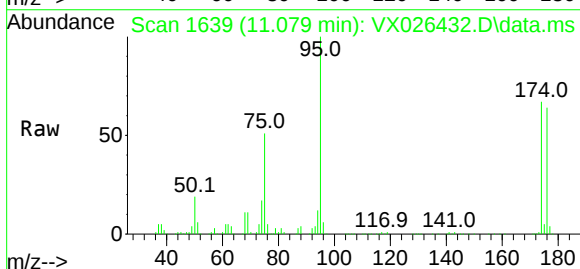
Tgt Ion: 95 Resp: 108820

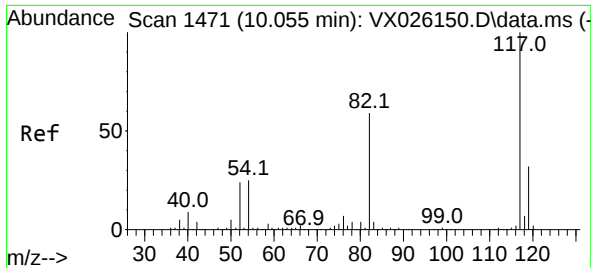
Ion Ratio Lower Upper

95 100

174 72.3 0.0 148.6

176 69.8 0.0 141.4

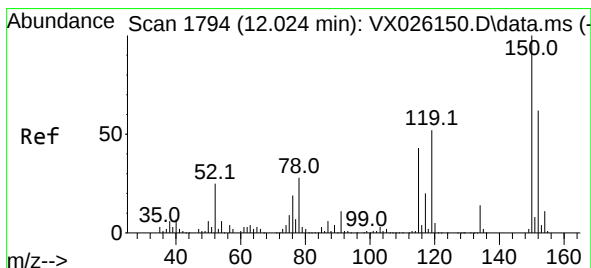
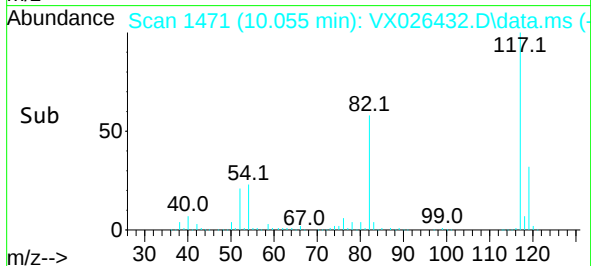
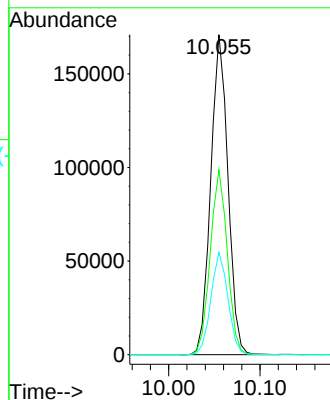
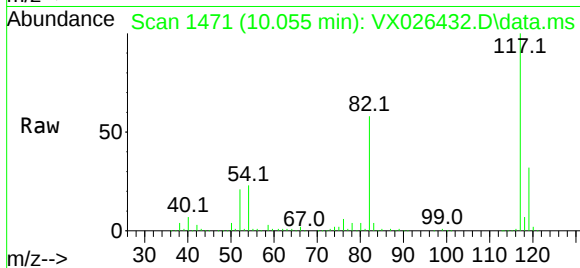




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

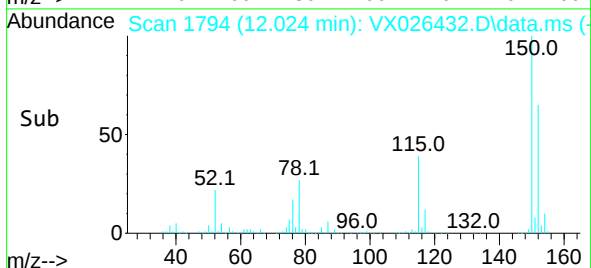
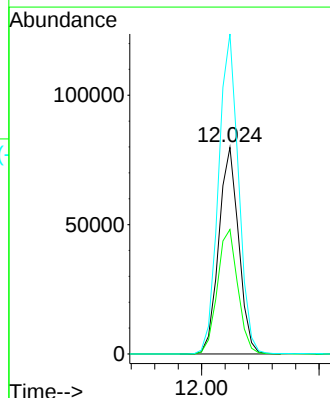
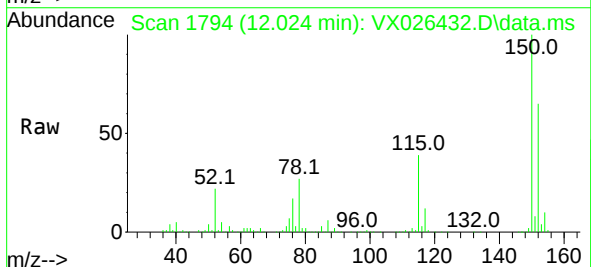
Instrument :
MSVOA_X
ClientSampleId :
WC-1

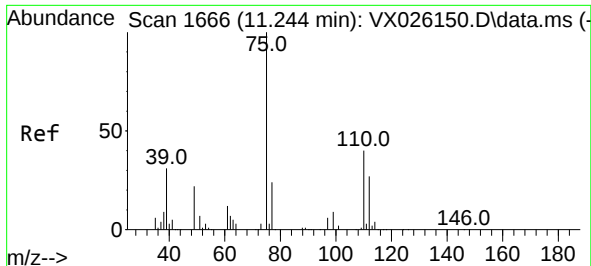
Tgt Ion:117 Resp: 222859
Ion Ratio Lower Upper
117 100
82 57.8 45.2 67.8
119 32.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

Tgt Ion:152 Resp: 94031
Ion Ratio Lower Upper
152 100
115 62.1 44.2 132.6
150 155.9 0.0 348.2

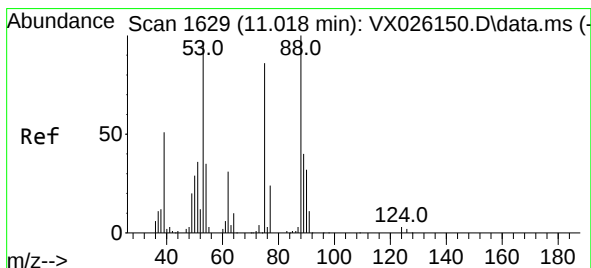
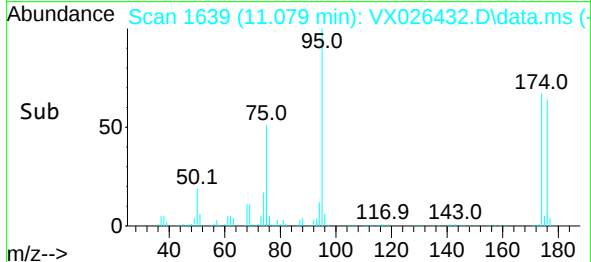
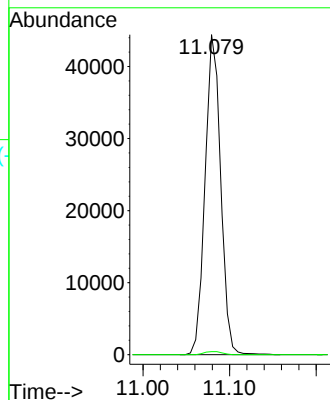
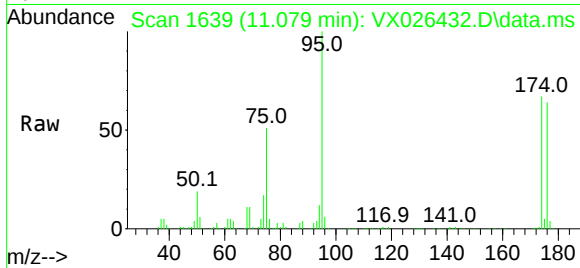




#76
1,2,3-Trichloropropane
Concen: 26.850 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

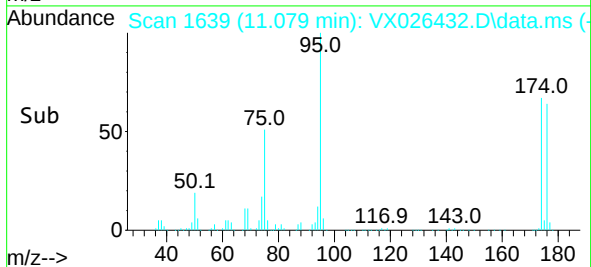
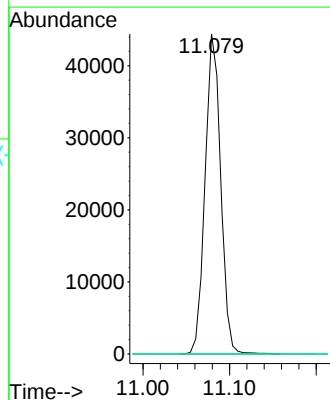
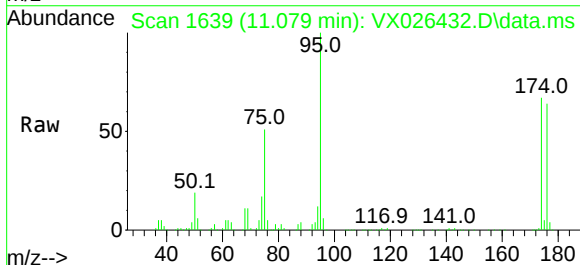
Instrument :
MSVOA_X
ClientSampleId :
WC-1

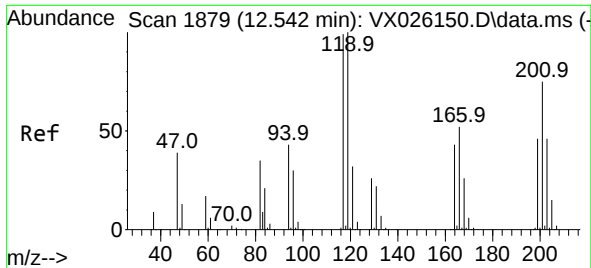
Tgt Ion: 75 Resp: 55589
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.245 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX026432.D
Acq: 11 Jan 2022 20:04

Tgt Ion: 75 Resp: 55589
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#90
 Hexachloroethane
 Concen: 2.342 ug/l
 RT: 12.701 min Scan# 1905
 Delta R.T. 0.159 min
 Lab File: VX026432.D
 Acq: 11 Jan 2022 20:04

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-1

Tgt Ion:117 Resp: 185
 Ion Ratio Lower Upper
 117 100
 201 0.0 35.6 106.8#

