

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
 Data File : VX027422.D
 Acq On : 14 Mar 2022 15:37
 Operator : JC/MD
 Sample : N1895-03DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3DL

Quant Time: Mar 15 06:03:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

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

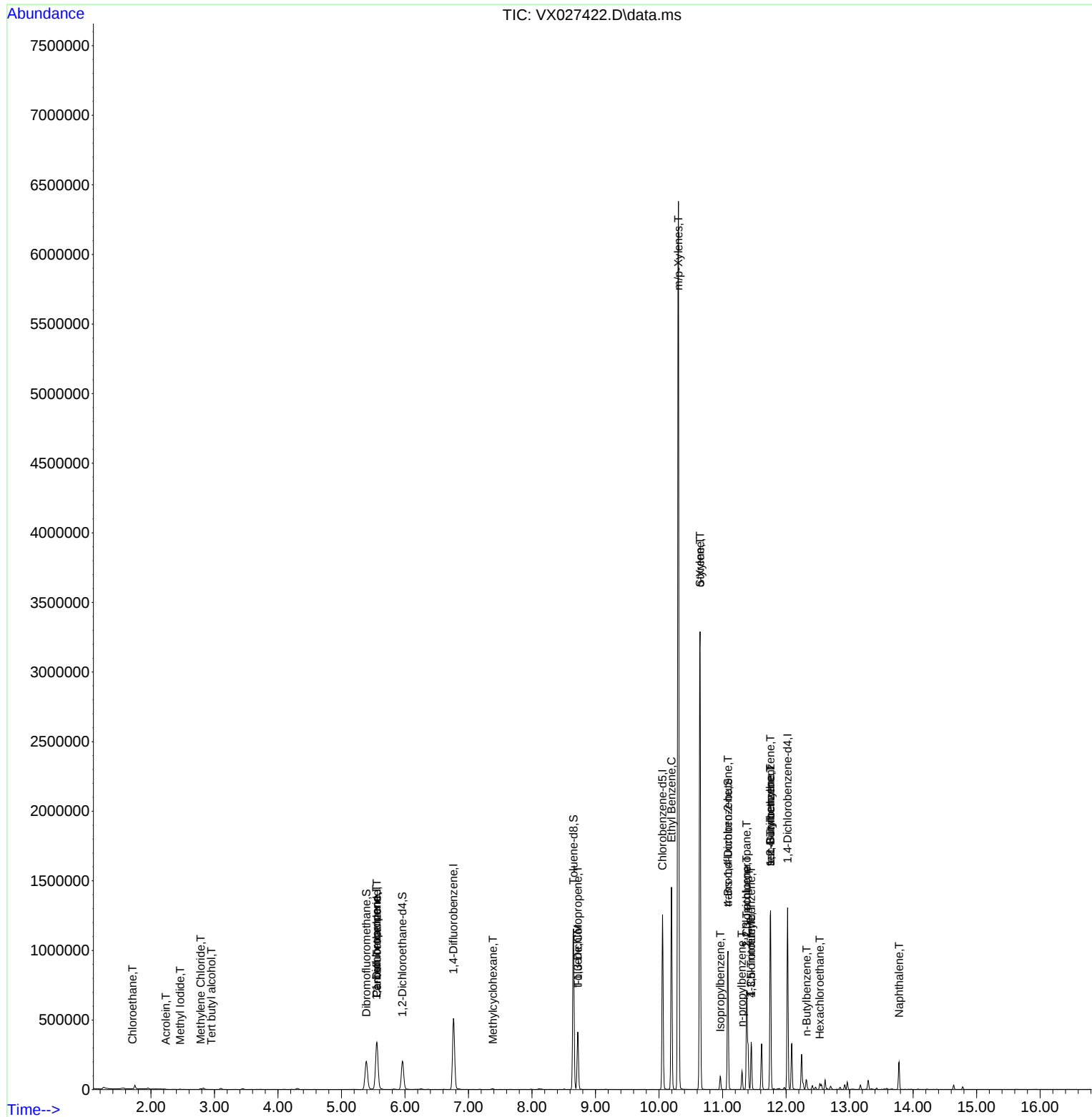
Internal Standards						
1) Pentafluorobenzene	5.556	168	324274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	526868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	576926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	271567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	207269	54.811	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 109.620%			
35) Dibromofluoromethane	5.391	113	176588	51.943	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.880%			
50) Toluene-d8	8.653	98	730750	56.935	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 113.880%			
62) 4-Bromofluorobenzene	11.085	95	272507	55.708	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.420%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	691	Below Cal	#	65
6) Chloroethane	1.709	64	672	0.742	ug/l	92
10) Methyl Iodide	2.459	142	2587	0.560	ug/l	95
11) Tert butyl alcohol	2.953	59	607	0.819	ug/l #	72
13) Acrolein	2.233	56	134	0.258	ug/l #	15
16) Acetone	2.380	43	1195	Below Cal		91
20) Methylene Chloride	2.782	84	766	0.207	ug/l #	78
36) 1,1-Dichloropropene	5.550	75	23891	5.062	ug/l #	50
38) Carbon Tetrachloride	5.556	117	33999	6.966	ug/l #	15
39) Methylcyclohexane	7.385	83	2400	0.403	ug/l #	85
52) Toluene	8.720	92	163669	17.858	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	1685	0.347	ug/l #	1
67) Ethyl Benzene	10.195	91	820983	39.222	ug/l	96
68) m/p-Xylenes	10.305	106	1562598	190.319	ug/l	97
69) o-Xylene	10.646	106	754960	93.135	ug/l	99
70) Styrene	10.646	104	39356	2.925	ug/l #	1
73) Isopropylbenzene	10.963	105	49541	2.494	ug/l	99
76) 1,2,3-Trichloropropane	11.378	75	4335	0.728	ug/l #	1
78) n-propylbenzene	11.305	91	80514	3.604	ug/l	99
79) 2-Chlorotoluene	11.378	91	60456	4.330	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.451	105	150360	8.830	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.085	75	130135	70.636	ug/l #	15
82) 4-Chlorotoluene	11.451	91	16287	1.031	ug/l #	46
83) tert-Butylbenzene	11.756	119	71739	4.215	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.756	105	589695	34.918	ug/l	100
85) sec-Butylbenzene	11.756	105	589686	28.726	ug/l #	56
89) n-Butylbenzene	12.323	91	9732	0.669	ug/l #	17
90) Hexachloroethane	12.530	117	2246	0.829	ug/l #	10
95) Naphthalene	13.780	128	125513	6.135	ug/l	100

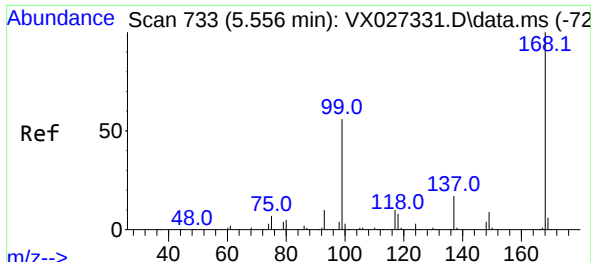
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031422\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

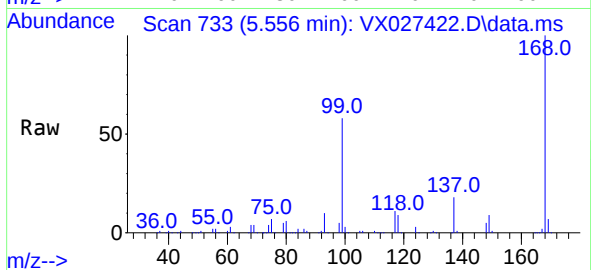
Quant Time: Mar 15 06:03:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 15:54:34 2022
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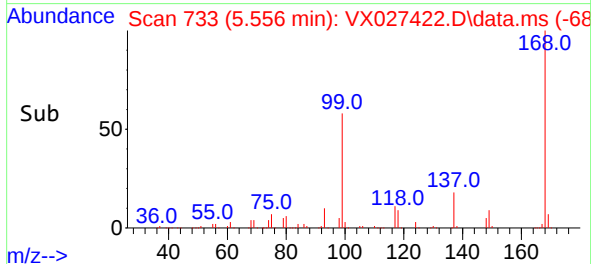
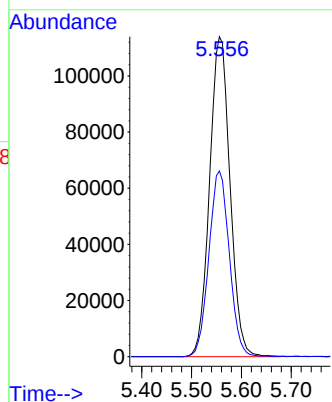


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

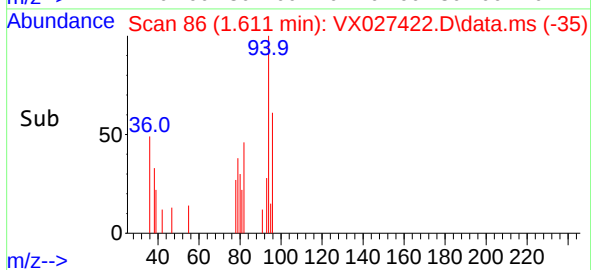
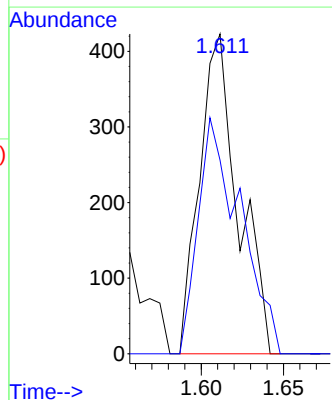
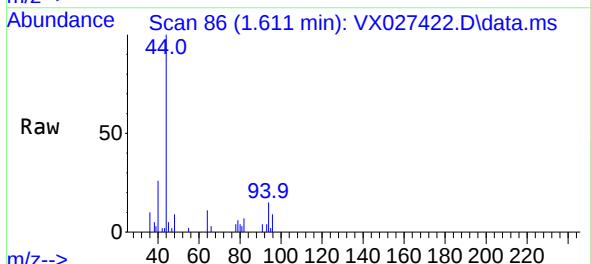


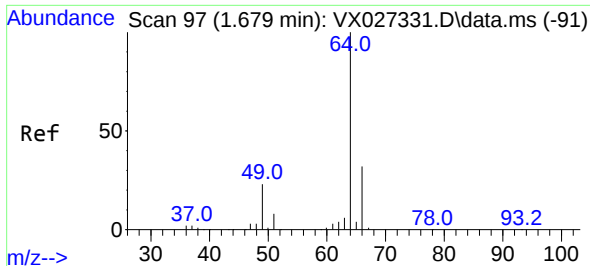
Tgt Ion:168 Resp: 324274
Ion Ratio Lower Upper
168 100
99 58.1 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 94 Resp: 691
Ion Ratio Lower Upper
94 100
96 60.5 75.3 112.9#

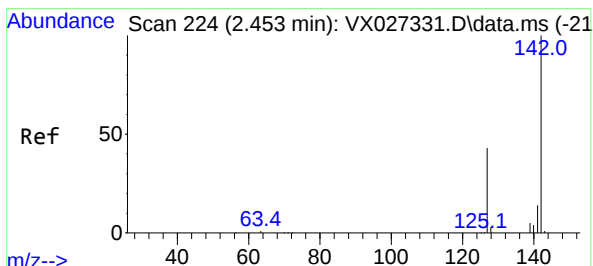
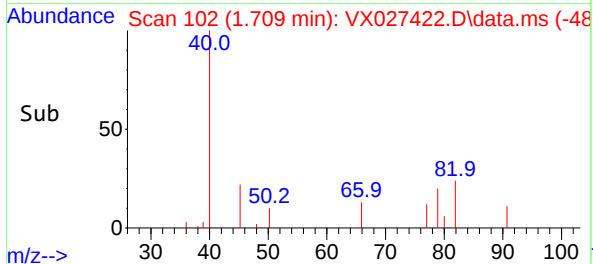
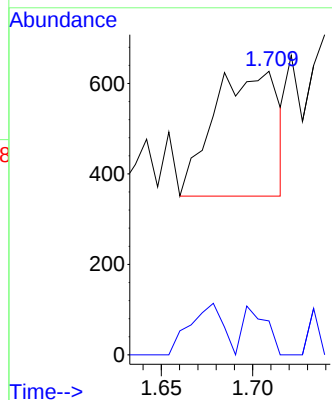
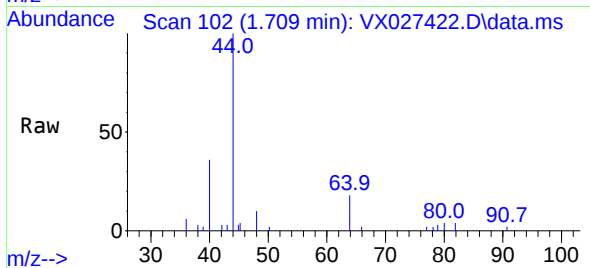




#6
Chloroethane
Concen: 0.742 ug/l
RT: 1.709 min Scan# 10
Delta R.T. 0.030 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

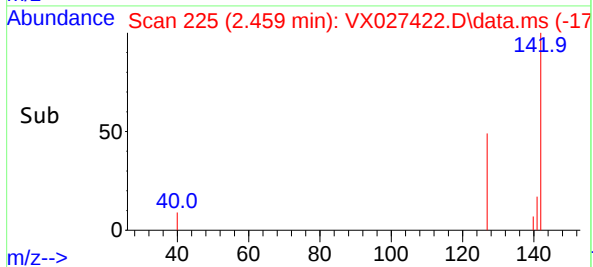
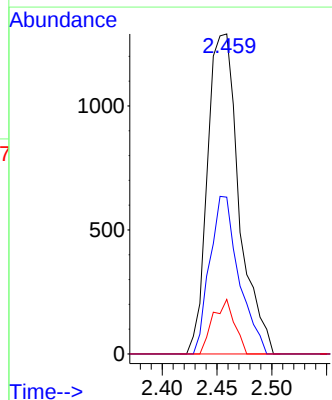
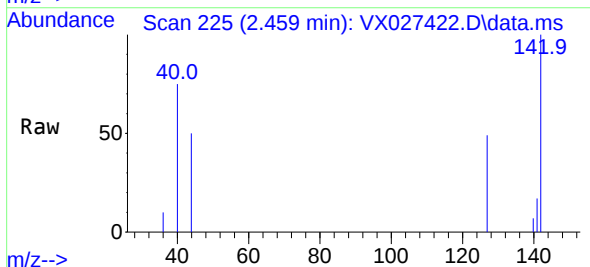
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

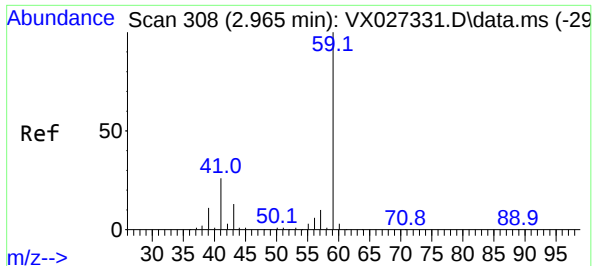
Tgt Ion: 64 Resp: 672
Ion Ratio Lower Upper
64 100
66 27.2 25.3 37.9



#10
Methyl Iodide
Concen: 0.560 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 142 Resp: 2587
Ion Ratio Lower Upper
142 100
127 45.2 33.9 50.9
141 11.6 11.4 17.2





#11

Tert butyl alcohol

Concen: 0.819 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.012 min

Lab File: VX027422.D

Acq: 14 Mar 2022 15:37

Instrument :

MSVOA_X

ClientSampleId :

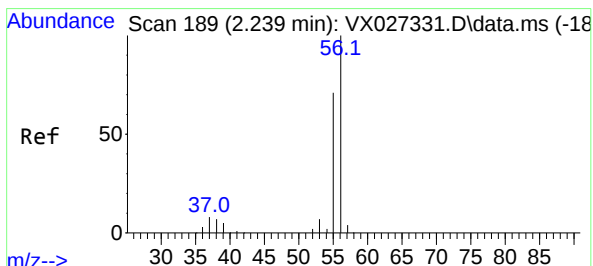
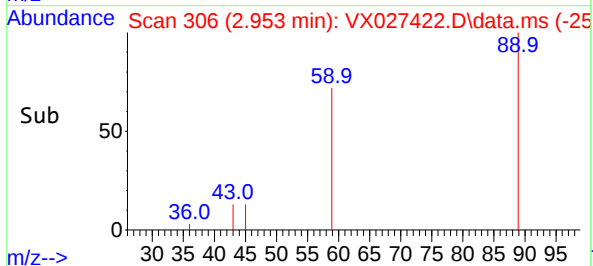
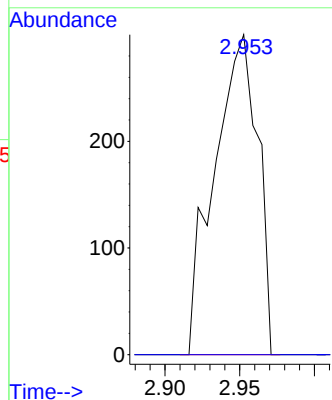
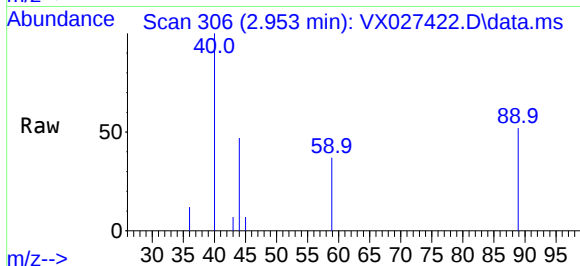
MW-3DL

Tgt Ion: 59 Resp: 607

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.258 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX027422.D

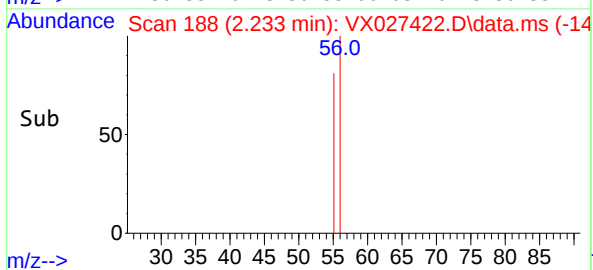
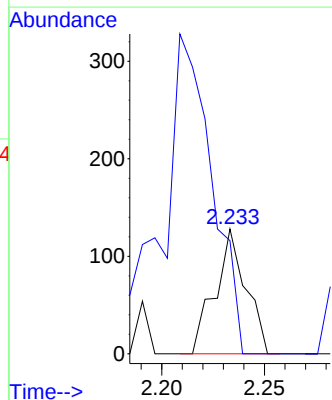
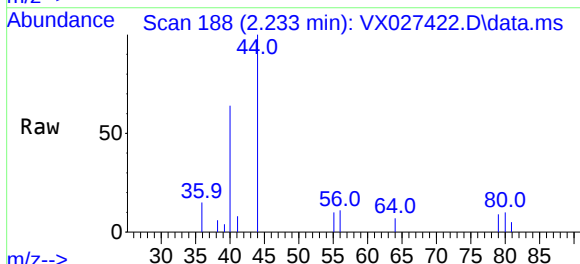
Acq: 14 Mar 2022 15:37

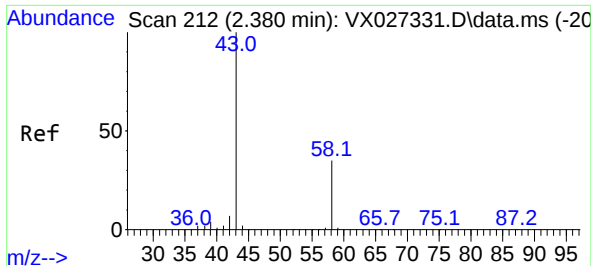
Tgt Ion: 56 Resp: 134

Ion Ratio Lower Upper

56 100

55 0.0 55.0 82.6#

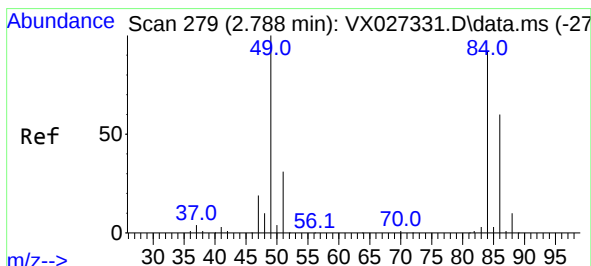
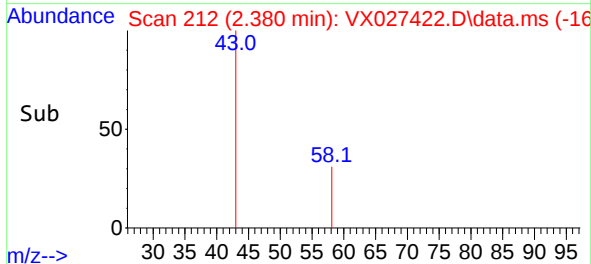
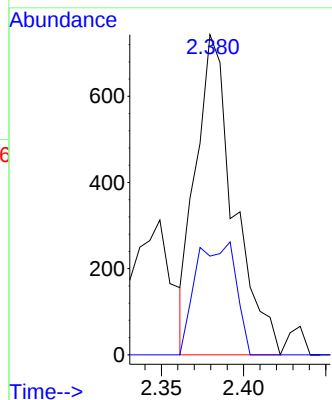
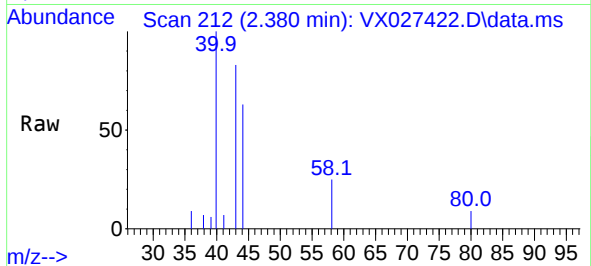




#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

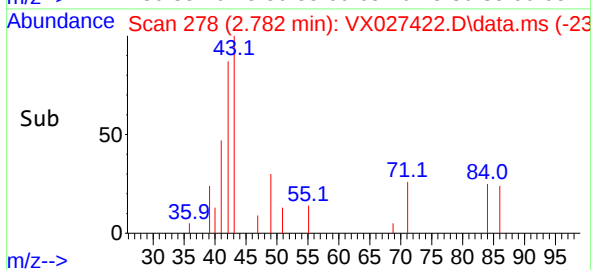
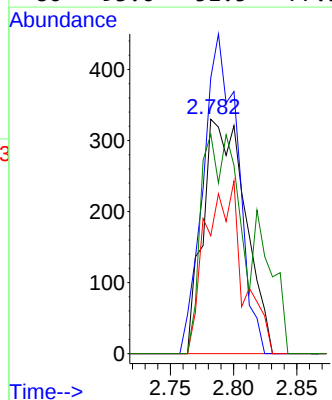
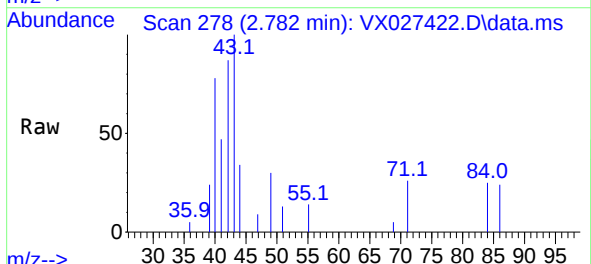
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

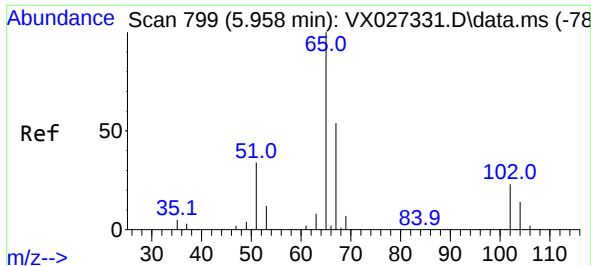
Tgt Ion: 43 Resp: 1195
Ion Ratio Lower Upper
43 100
58 30.8 28.8 43.2



#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 84 Resp: 766
Ion Ratio Lower Upper
84 100
49 117.6 85.5 128.3
51 50.3 26.6 39.8#
86 93.6 51.5 77.3#





#33

1,2-Dichloroethane-d4

Concen: 54.811 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX027422.D

Acq: 14 Mar 2022 15:37

Instrument :

MSVOA_X

ClientSampleId :

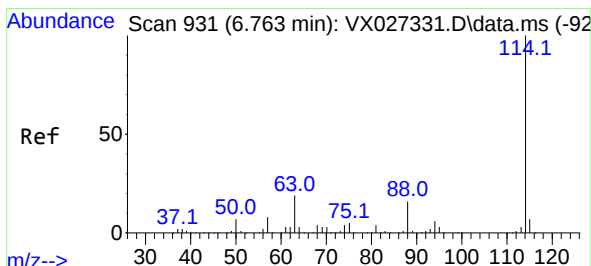
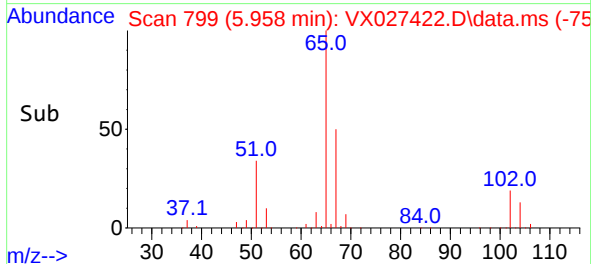
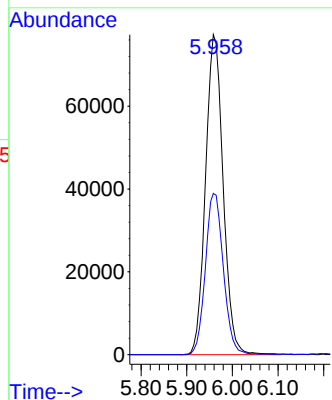
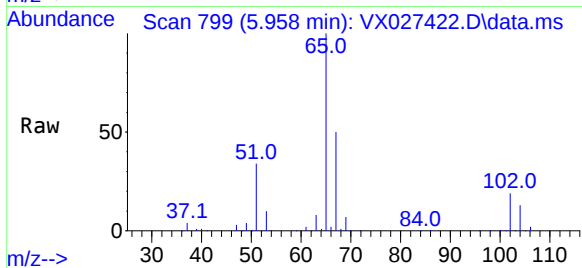
MW-3DL

Tgt Ion: 65 Resp: 207269

Ion Ratio Lower Upper

65 100

67 51.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX027422.D

Acq: 14 Mar 2022 15:37

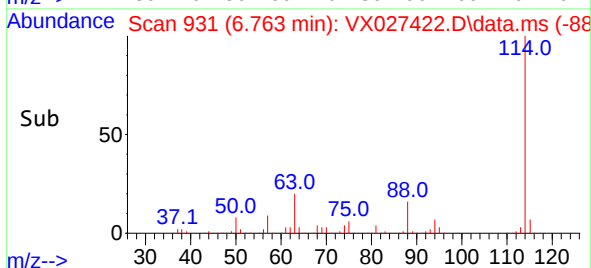
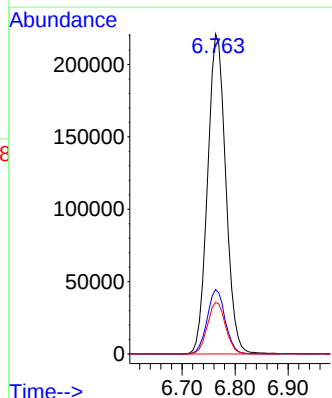
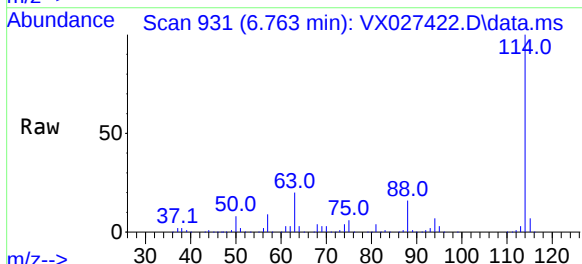
Tgt Ion: 114 Resp: 526868

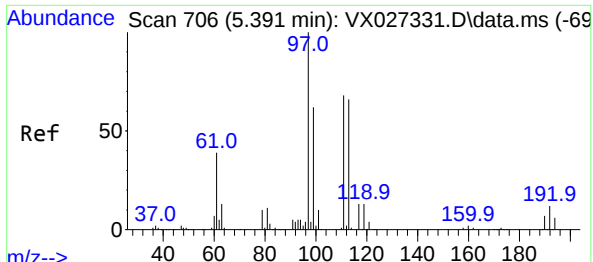
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

88 16.2 0.0 32.4

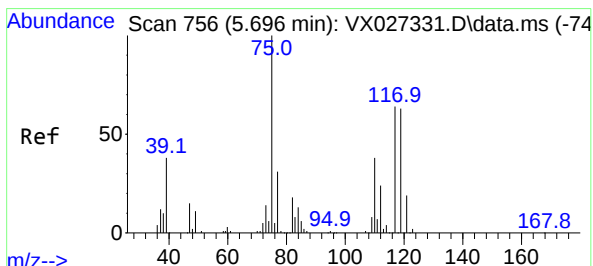
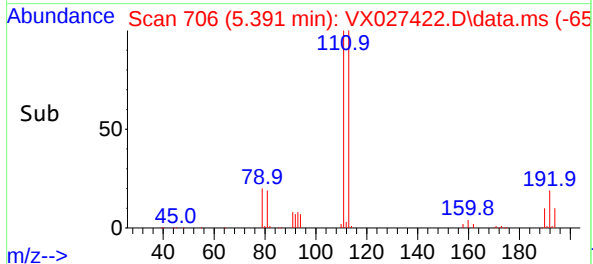
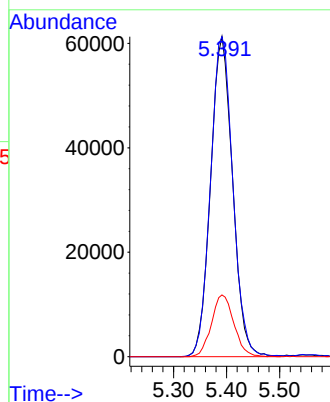
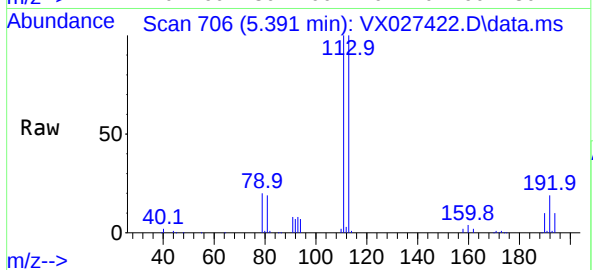




#35
Dibromofluoromethane
Concen: 51.943 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

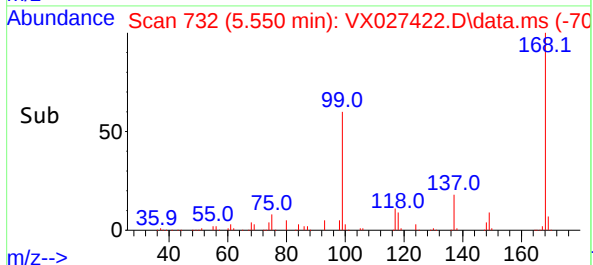
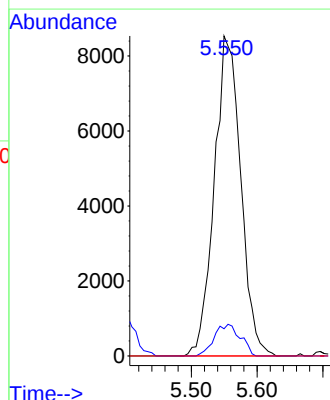
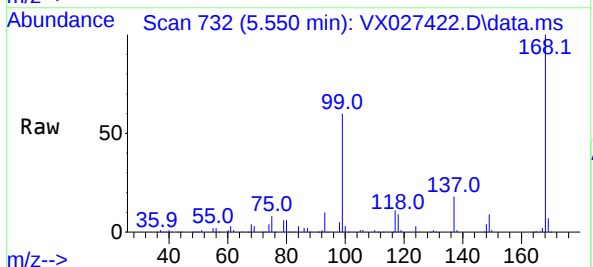
Instrument :
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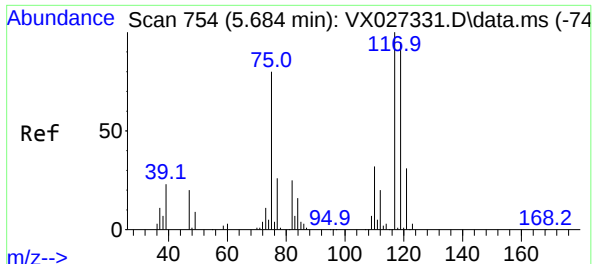
Tgt Ion:113 Resp: 176588
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.062 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 75 Resp: 23891
Ion Ratio Lower Upper
75 100
110 9.8 18.3 54.8#
77 0.0 24.8 37.2#

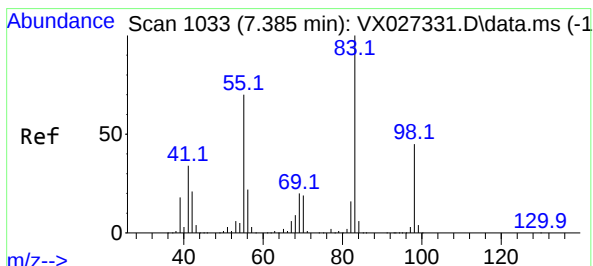
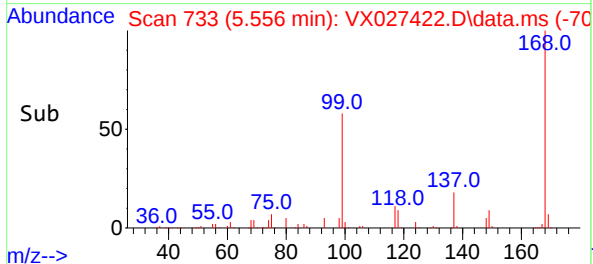
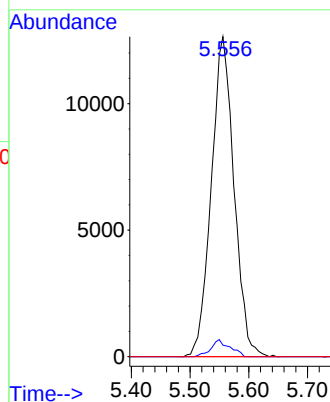
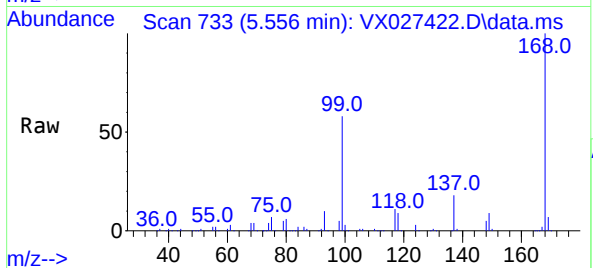




#38
Carbon Tetrachloride
Concen: 6.966 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

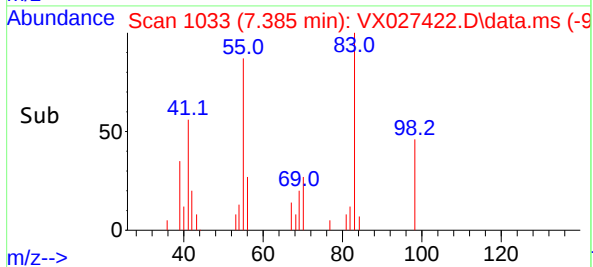
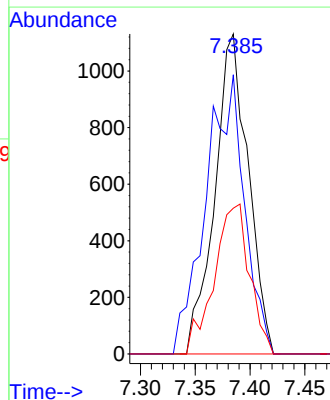
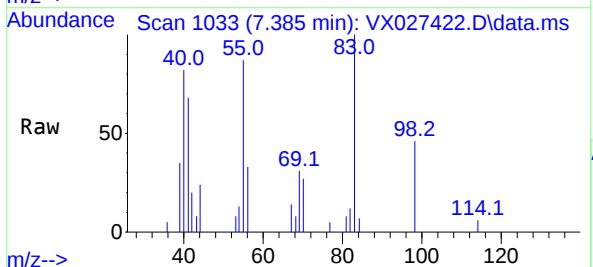
Instrument :
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ClientSampleId :
MW-3DL

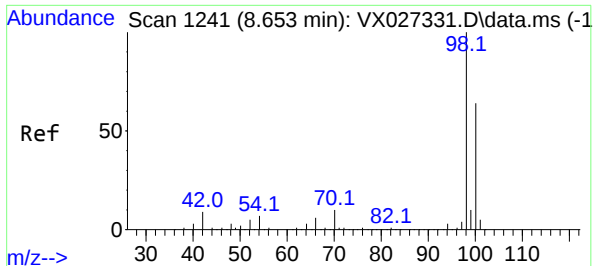
Tgt Ion:117 Resp: 33999
Ion Ratio Lower Upper
117 100
119 3.6 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.403 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 83 Resp: 2400
Ion Ratio Lower Upper
83 100
55 87.3 54.6 81.8#
98 45.5 37.4 56.2

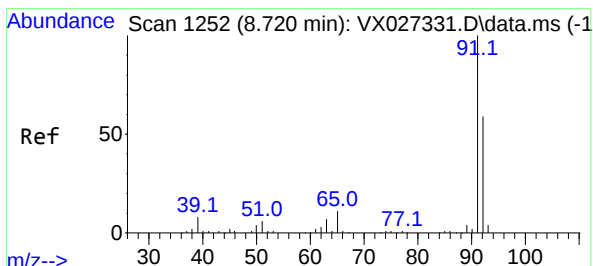
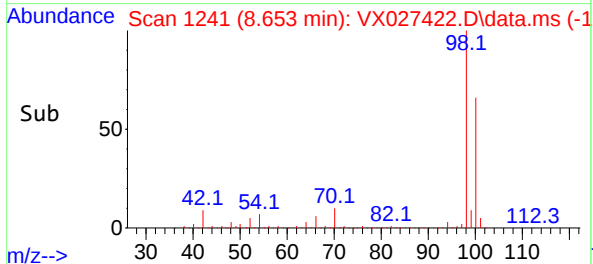
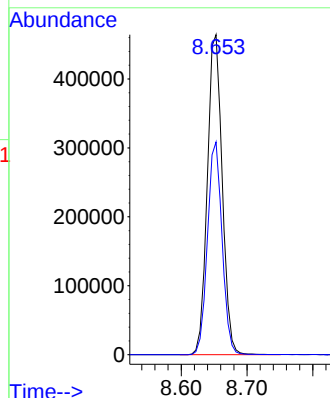
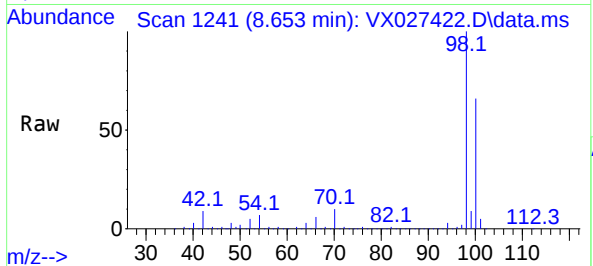




#50
Toluene-d8
Concen: 56.935 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

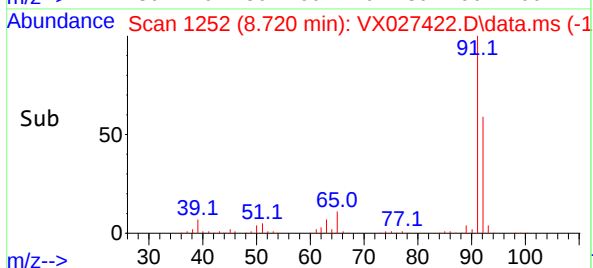
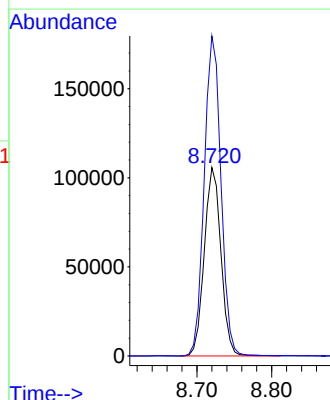
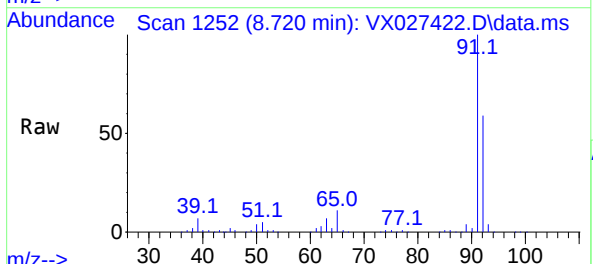
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

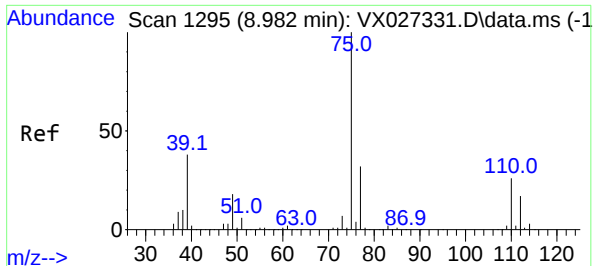
Tgt Ion: 98 Resp: 730750
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#52
Toluene
Concen: 17.858 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 92 Resp: 163669
Ion Ratio Lower Upper
92 100
91 170.5 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 0.347 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.262 min

Lab File: VX027422.D

Acq: 14 Mar 2022 15:37

Instrument :

MSVOA_X

ClientSampleId :

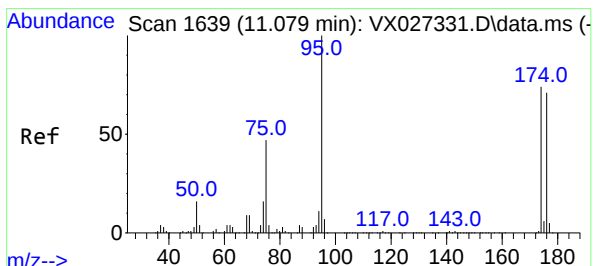
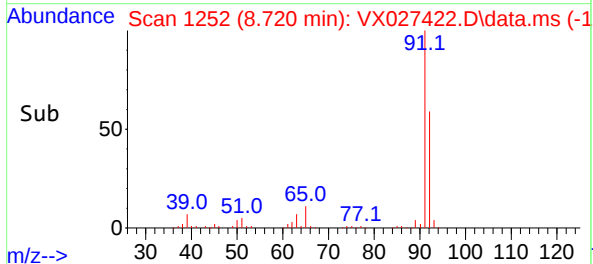
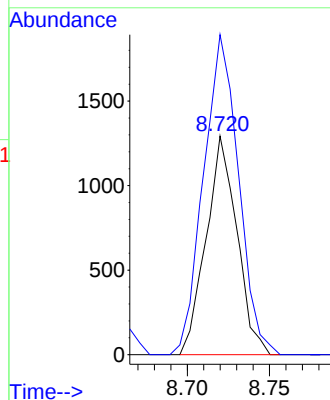
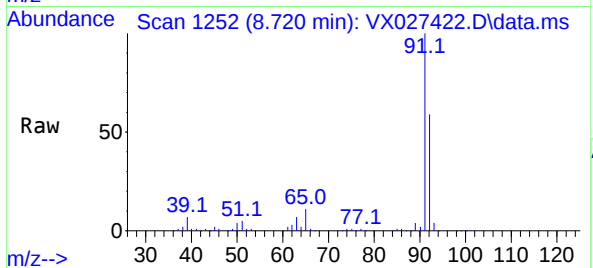
MW-3DL

Tgt Ion: 75 Resp: 1685

Ion Ratio Lower Upper

75 100

77 146.4 25.4 38.0#



#62

4-Bromofluorobenzene

Concen: 55.708 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX027422.D

Acq: 14 Mar 2022 15:37

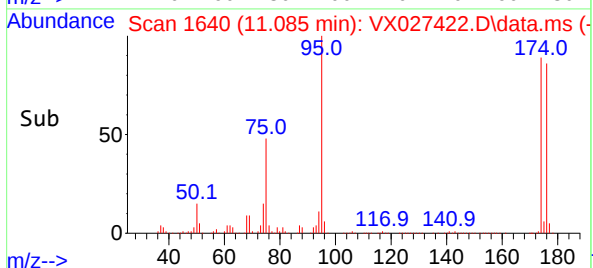
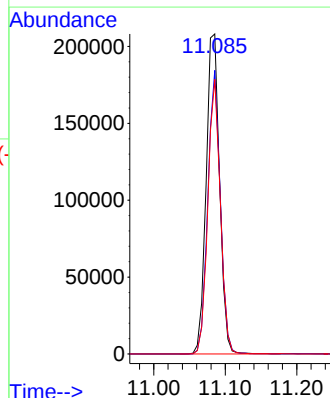
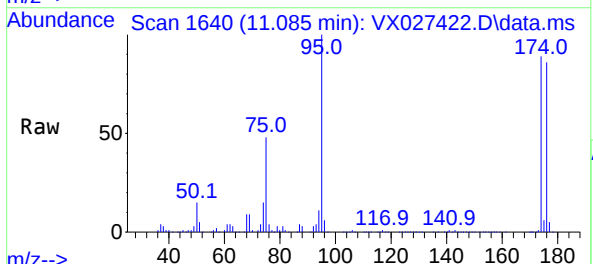
Tgt Ion: 95 Resp: 272507

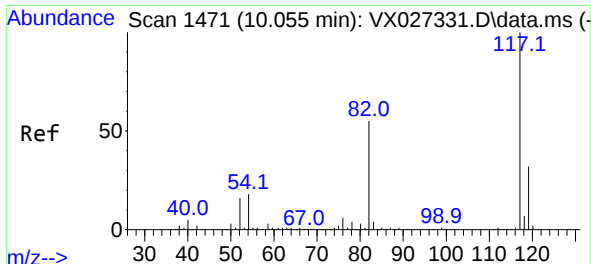
Ion Ratio Lower Upper

95 100

174 82.1 0.0 163.0

176 79.9 0.0 155.0

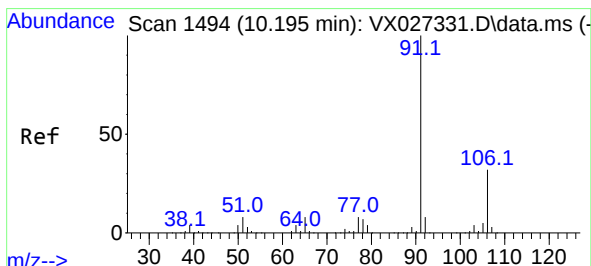
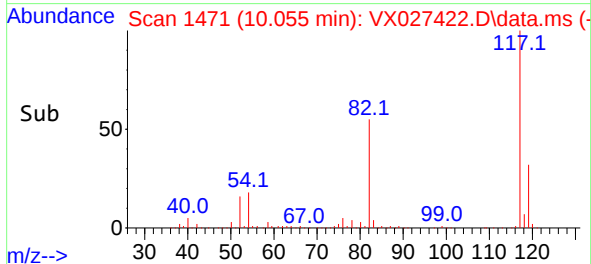
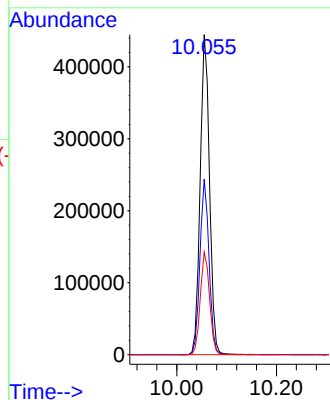
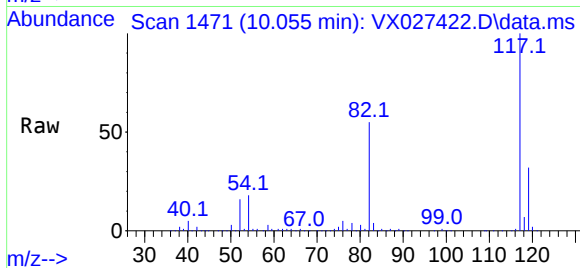




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

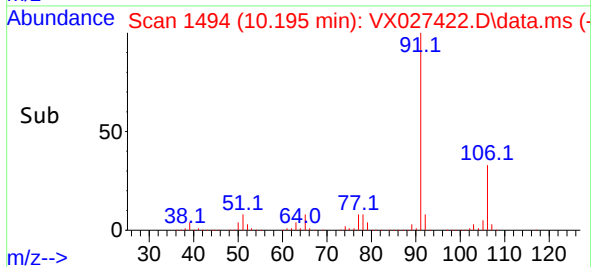
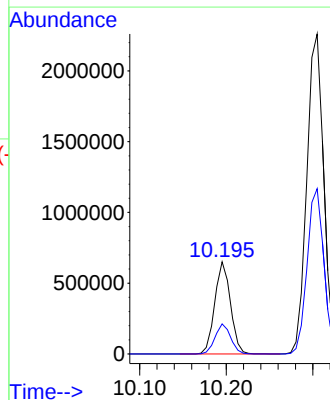
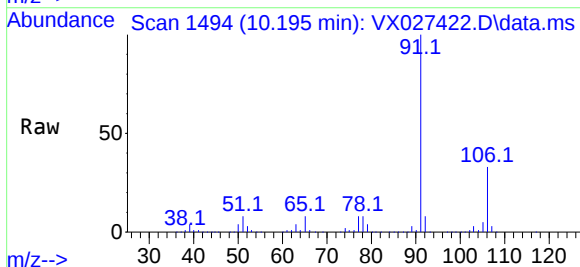
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

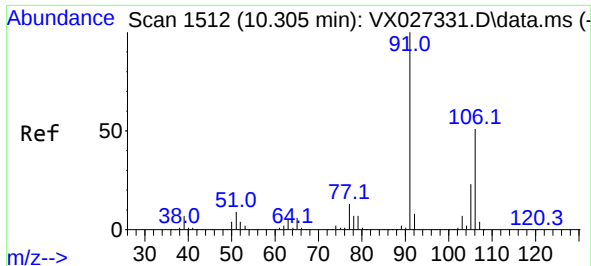
Tgt Ion:117 Resp: 576926
Ion Ratio Lower Upper
117 100
82 54.8 41.8 62.8
119 32.1 24.8 37.2



#67
Ethyl Benzene
Concen: 39.222 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 91 Resp: 820983
Ion Ratio Lower Upper
91 100
106 32.7 24.6 36.8

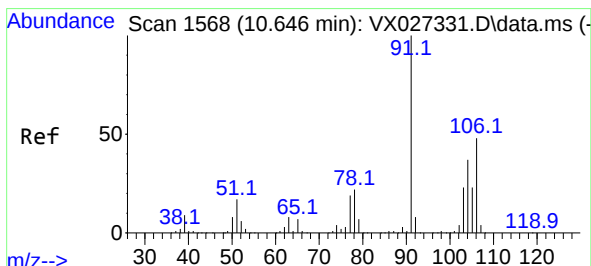
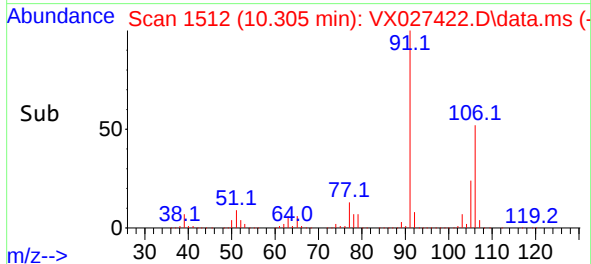
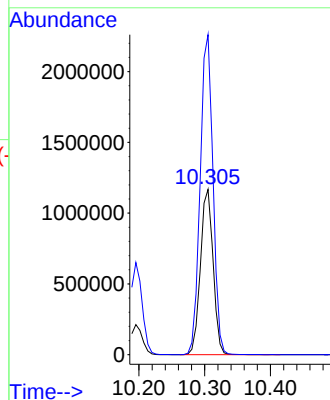
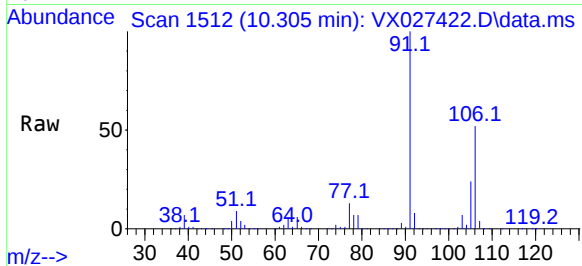




#68
m/p-Xylenes
Concen: 190.319 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

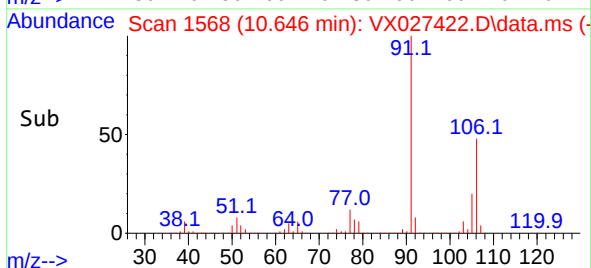
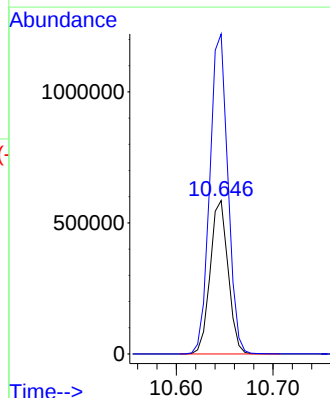
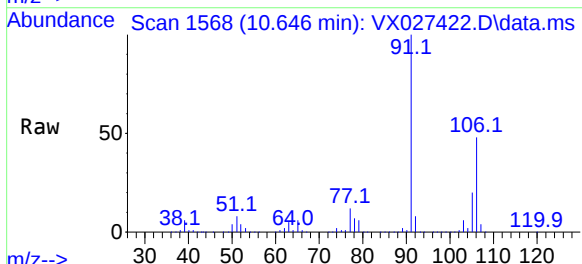
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

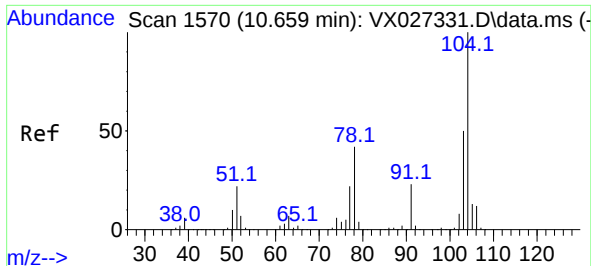
Tgt Ion:106 Resp: 1562598
Ion Ratio Lower Upper
106 100
91 195.6 160.4 240.6



#69
o-Xylene
Concen: 93.135 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion:106 Resp: 754960
Ion Ratio Lower Upper
106 100
91 210.7 106.1 318.1

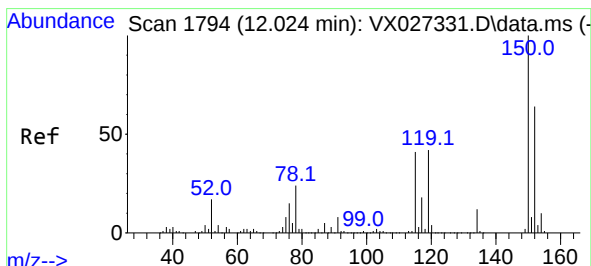
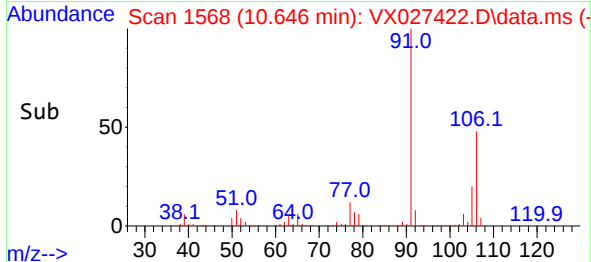
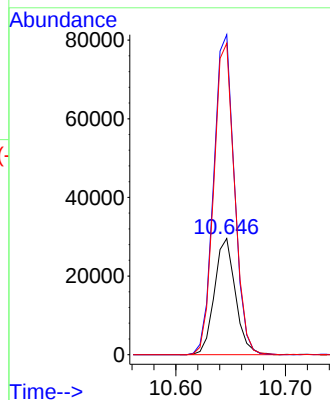
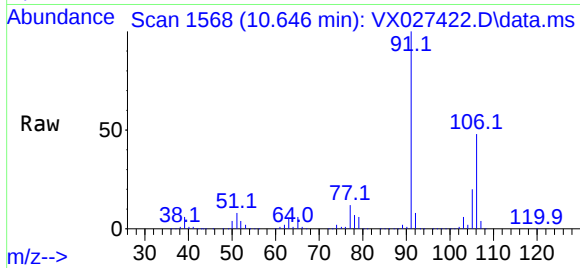




#70
Styrene
Concen: 2.925 ug/l
RT: 10.646 min Scan# 11
Delta R.T. -0.013 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

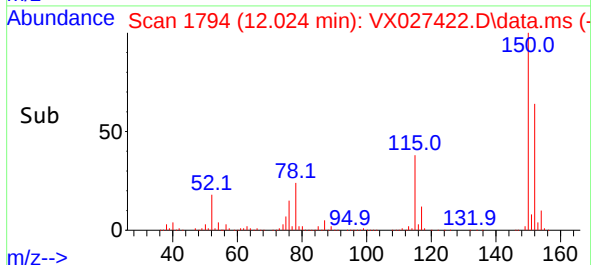
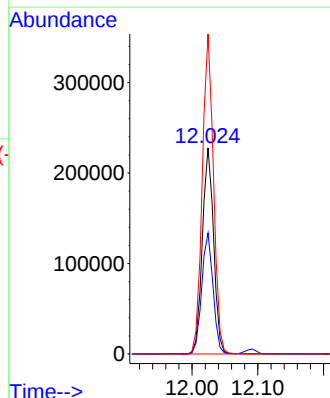
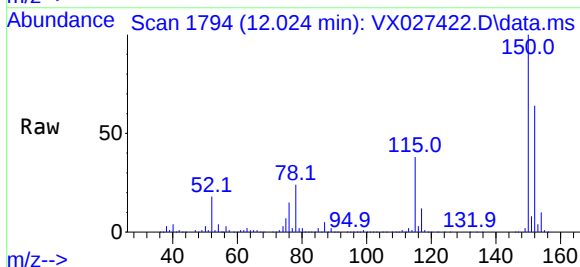
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

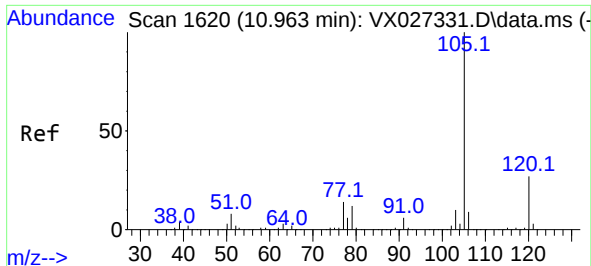
Tgt Ion:104 Resp: 39356
Ion Ratio Lower Upper
104 100
78 271.1 38.6 57.8#
103 264.2 43.8 65.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion:152 Resp: 271567
Ion Ratio Lower Upper
152 100
115 58.6 37.5 112.7
150 154.4 0.0 338.2

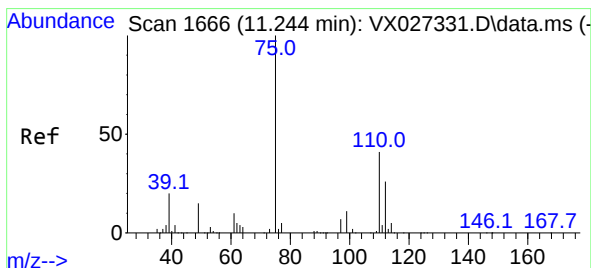
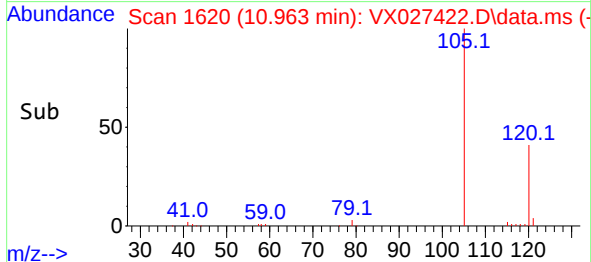
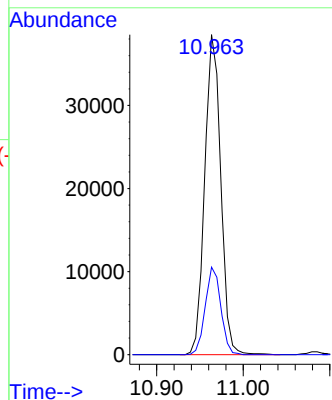
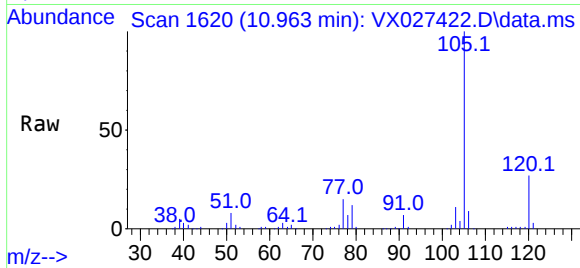




#73
Isopropylbenzene
Concen: 2.494 ug/l
RT: 10.963 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

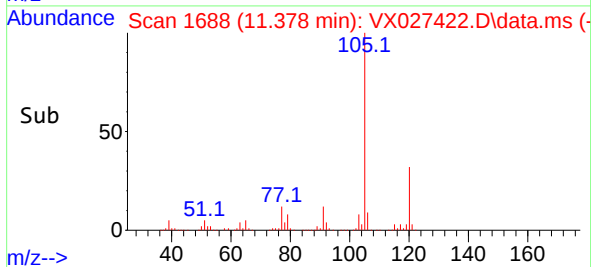
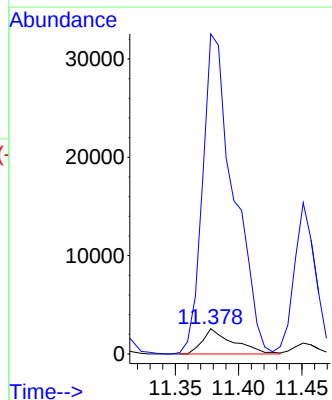
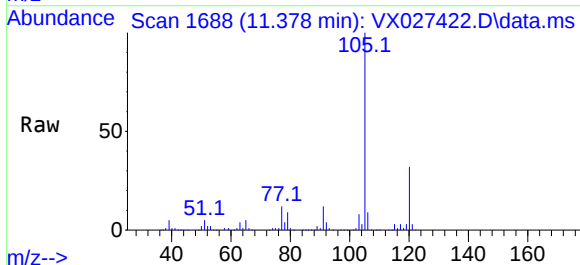
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

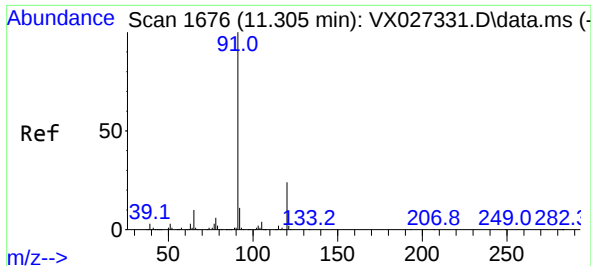
Tgt Ion:105 Resp: 49541
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.5



#76
1,2,3-Trichloropropane
Concen: 0.728 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.134 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 75 Resp: 4335
Ion Ratio Lower Upper
75 100
77 1289.5 19.4 58.2#

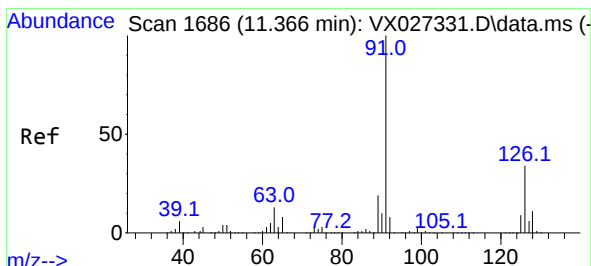
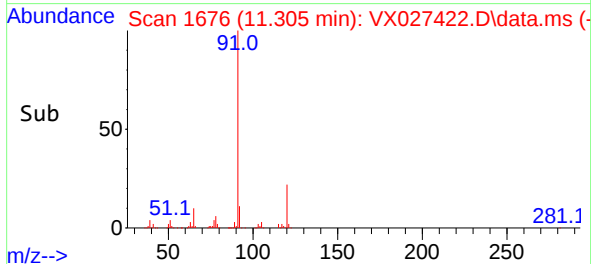
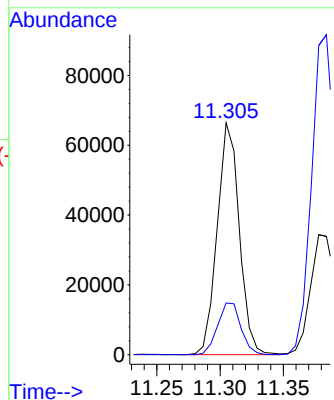
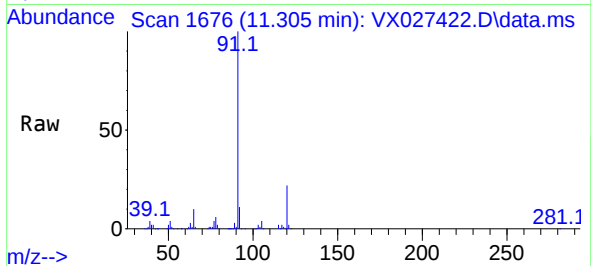




#78
n-propylbenzene
Concen: 3.604 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

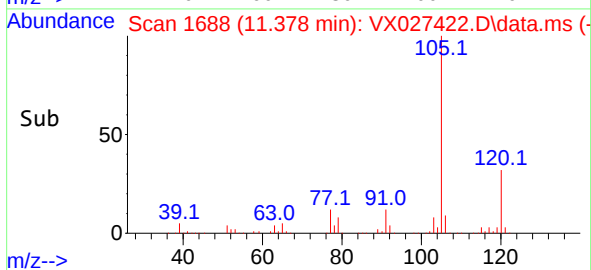
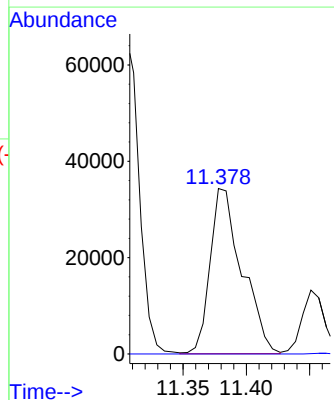
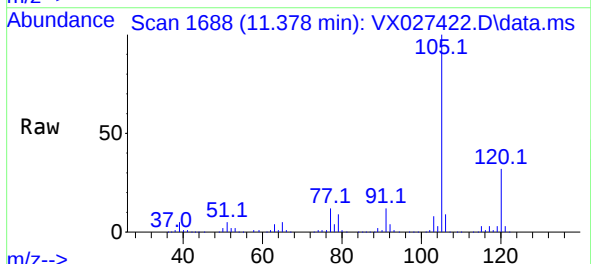
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

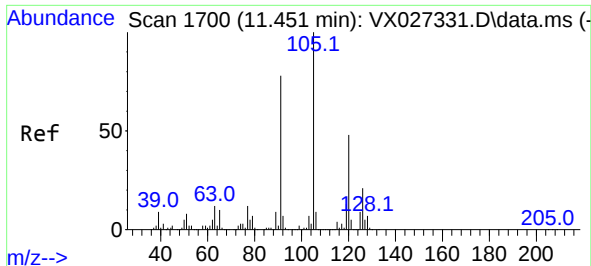
Tgt Ion: 91 Resp: 80514
Ion Ratio Lower Upper
91 100
120 23.6 11.6 34.8



#79
2-Chlorotoluene
Concen: 4.330 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 91 Resp: 60456
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#

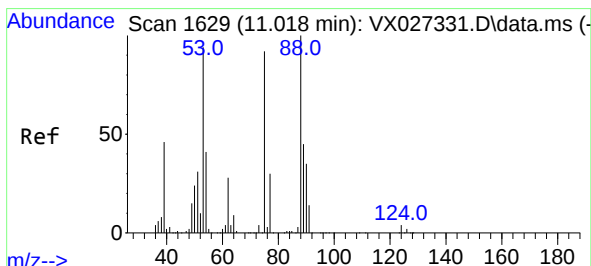
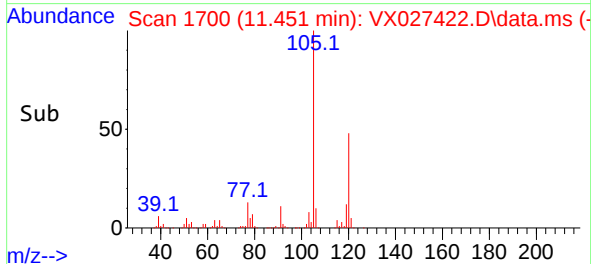
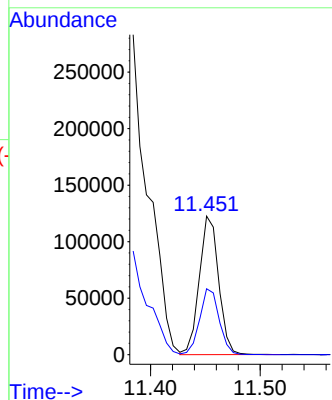
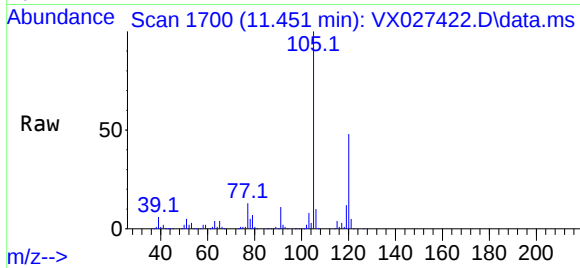




#80
1,3,5-Trimethylbenzene
Concen: 8.830 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

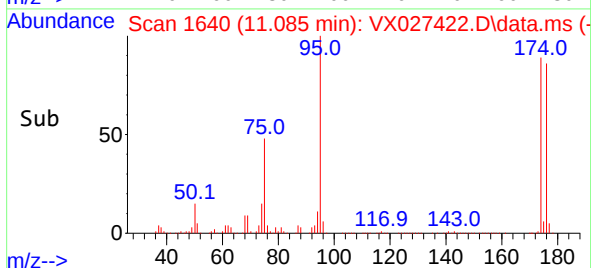
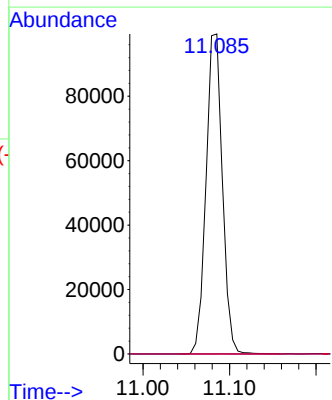
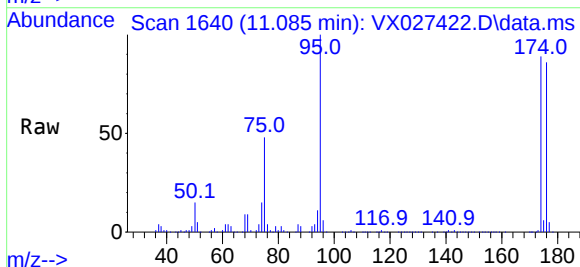
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

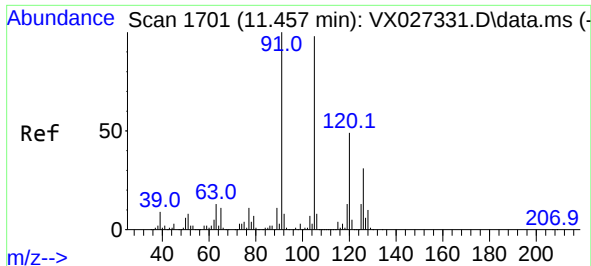
Tgt Ion:105 Resp: 150360
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.9



#81
trans-1,4-Dichloro-2-butene
Concen: 70.636 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 75 Resp: 130135
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

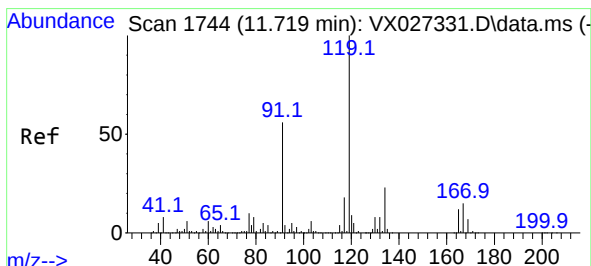
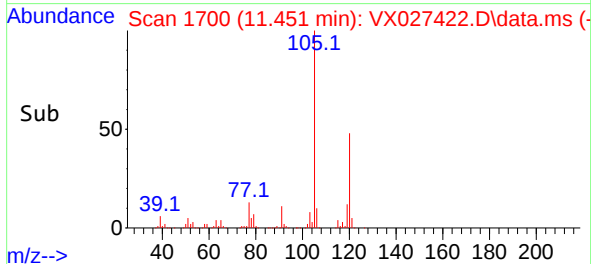
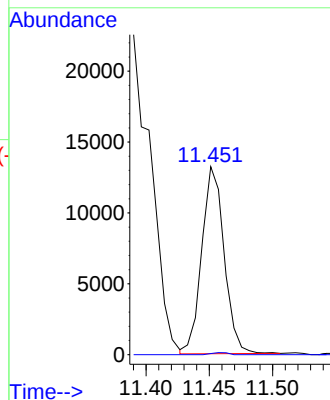
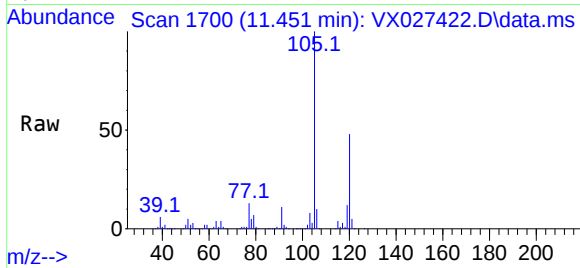




#82
4-Chlorotoluene
Concen: 1.031 ug/l
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

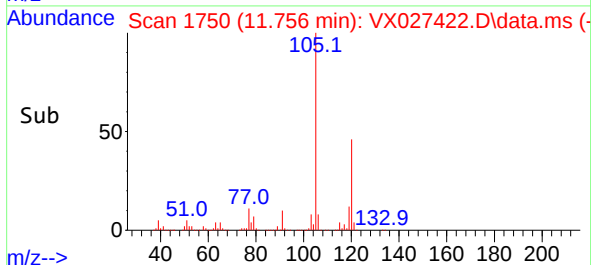
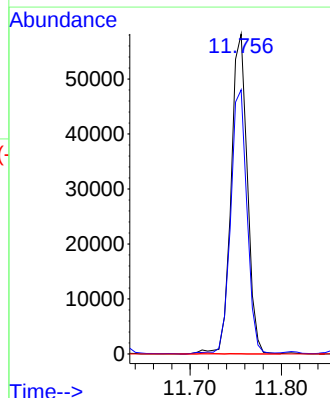
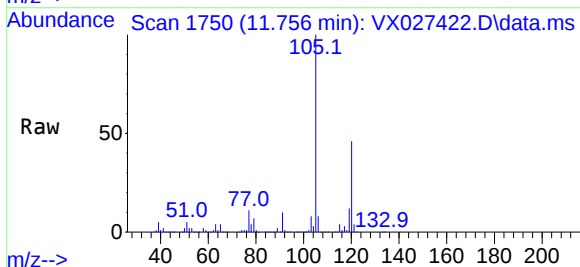
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

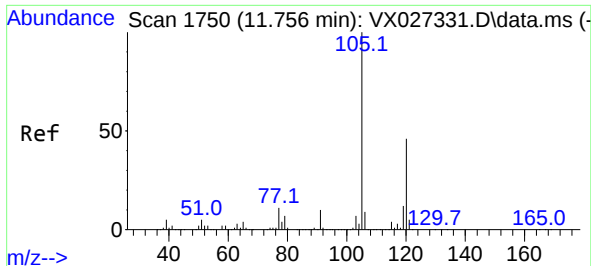
Tgt Ion: 91 Resp: 16287
Ion Ratio Lower Upper
91 100
126 0.8 14.9 44.5#



#83
tert-Butylbenzene
Concen: 4.215 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.037 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion: 119 Resp: 71739
Ion Ratio Lower Upper
119 100
91 83.5 26.9 80.6#
134 0.1 11.4 34.2#

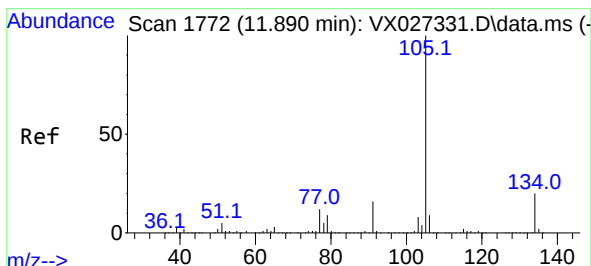
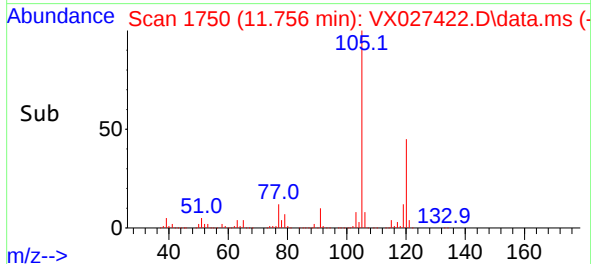
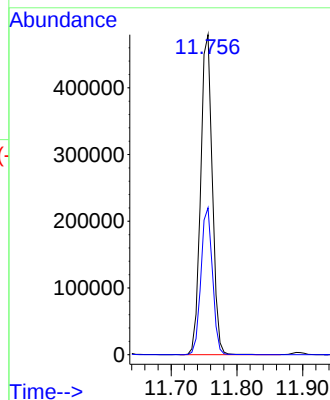
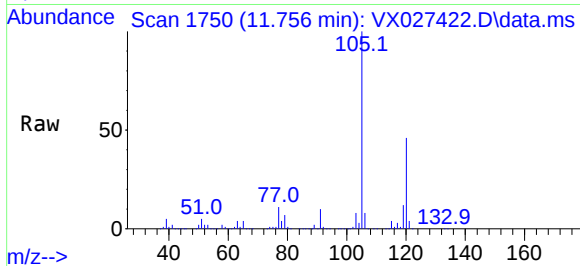




#84
1,2,4-Trimethylbenzene
Concen: 34.918 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

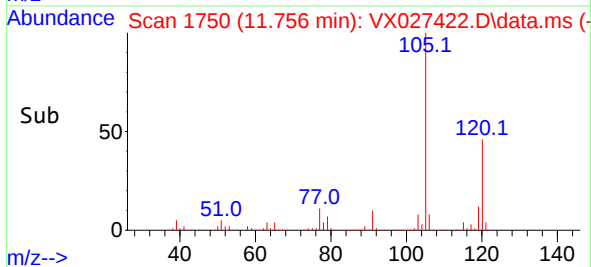
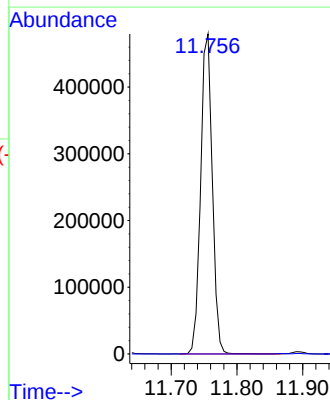
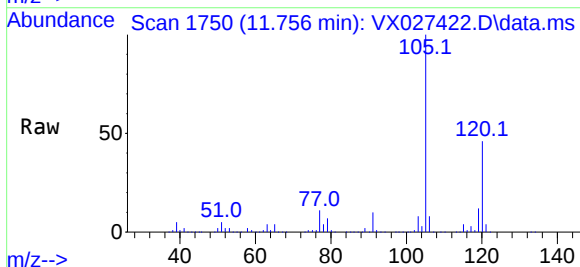
Instrument :
MSVOA_X
ClientSampleId :
MW-3DL

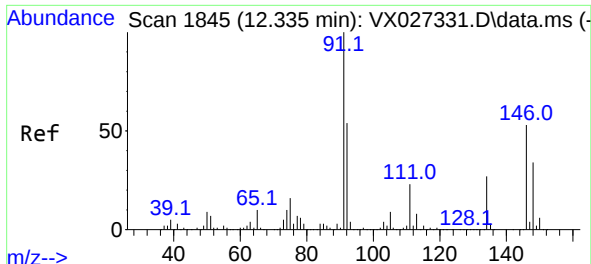
Tgt Ion:105 Resp: 589695
Ion Ratio Lower Upper
105 100
120 45.5 22.6 67.8



#85
sec-Butylbenzene
Concen: 28.726 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Tgt Ion:105 Resp: 589686
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





#89

n-Butylbenzene

Concen: 0.669 ug/l

RT: 12.323 min Scan# 1843

Delta R.T. -0.012 min

Lab File: VX027422.D

Acq: 14 Mar 2022 15:37

Instrument :

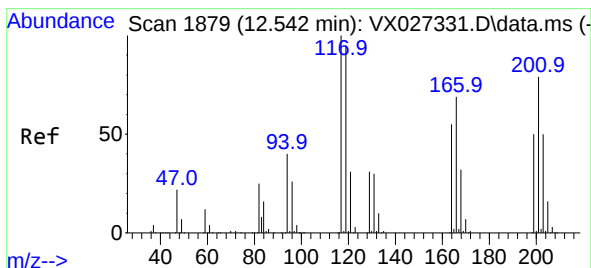
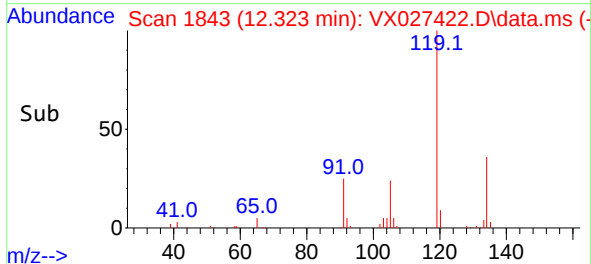
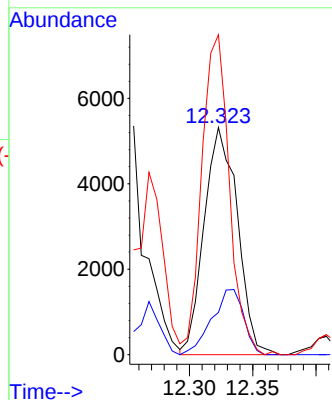
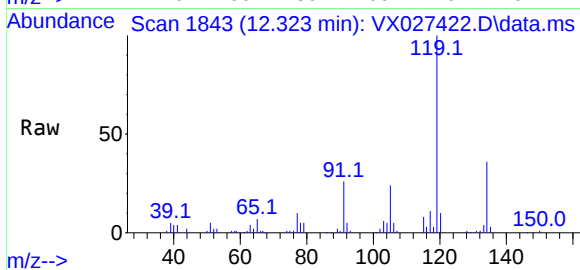
MSVOA_X

ClientSampleId :

MW-3DL

Tgt Ion: 91 Resp: 9732

Ion	Ratio	Lower	Upper
91	100		
92	27.3	27.8	83.3#
134	116.5	13.3	39.8#



#90

Hexachloroethane

Concen: 0.829 ug/l

RT: 12.530 min Scan# 1877

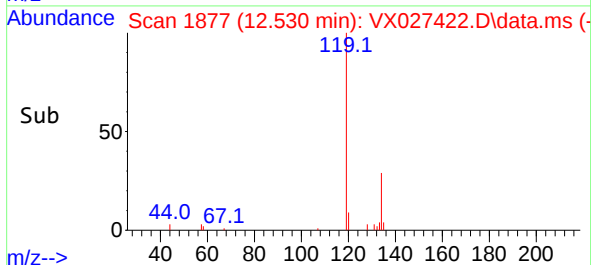
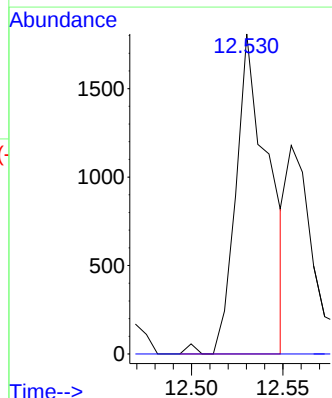
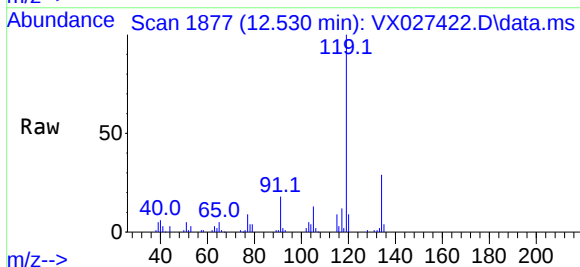
Delta R.T. -0.012 min

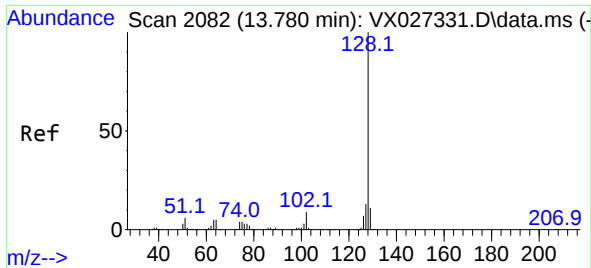
Lab File: VX027422.D

Acq: 14 Mar 2022 15:37

Tgt Ion: 117 Resp: 2246

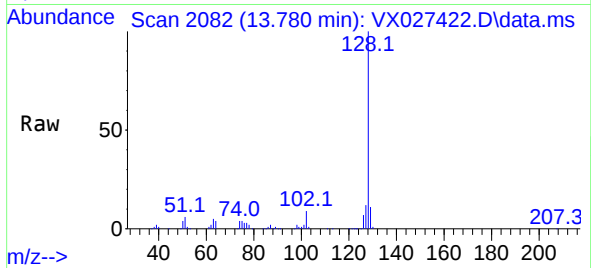
Ion	Ratio	Lower	Upper
117	100		
201	0.0	39.5	118.5#





#95
Naphthalene
Concen: 6.135 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027422.D
Acq: 14 Mar 2022 15:37

Instrument :
MSVOA_X
ClientSampleId :
MW-3DL



Tgt Ion:128 Resp: 125513
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.7 13.1

