

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
 Data File : VX025435.D
 Acq On : 02 Dec 2021 17:53
 Operator : JC/MD
 Sample : M4917-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: Dec 03 03:09:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

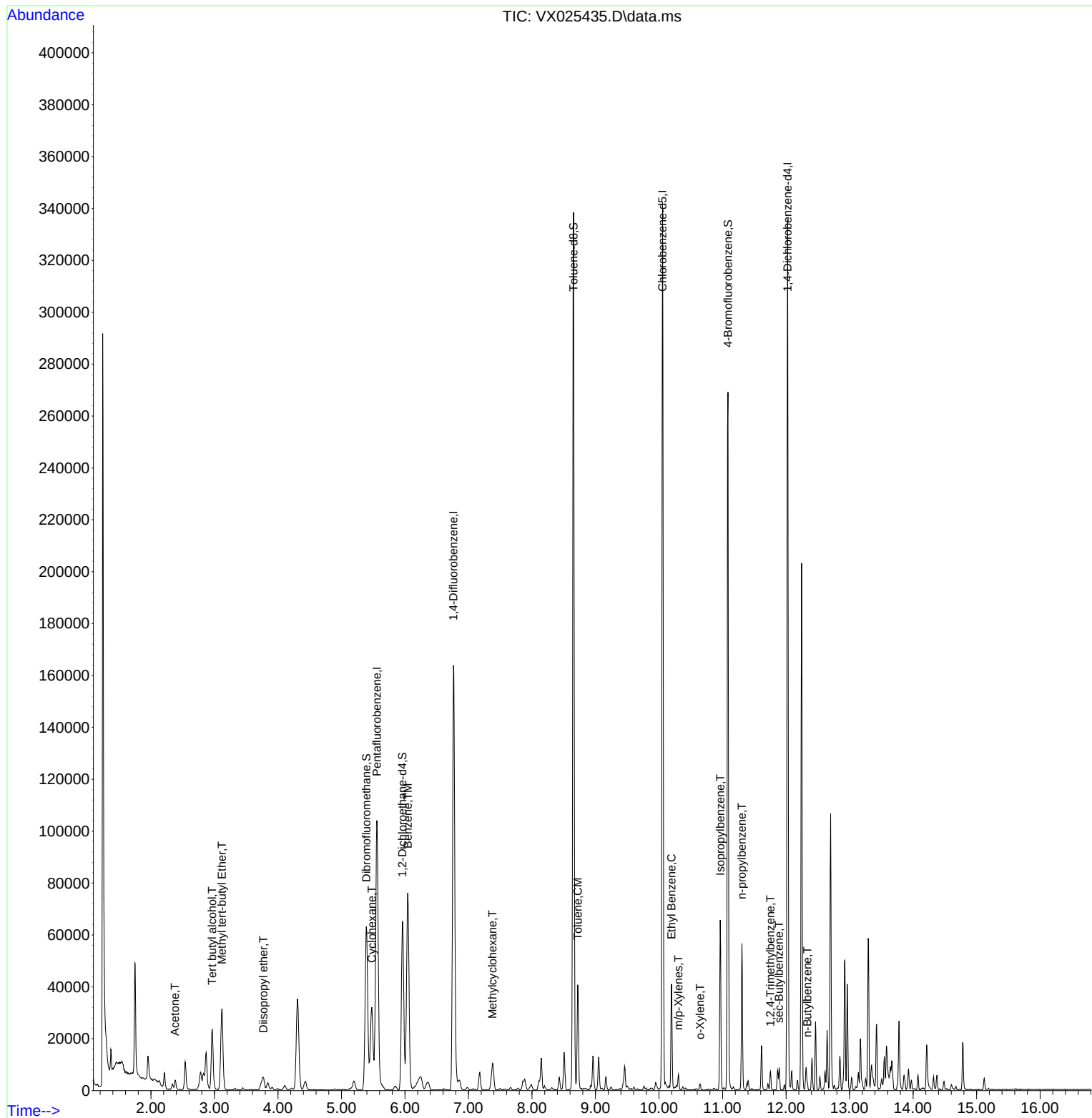
Internal Standards						
1) Pentafluorobenzene	5.556	168	104097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	175665	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	157648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72763	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61024	55.62	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	111.24%		
35) Dibromofluoromethane	5.391	113	53839	49.95	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.90%		
50) Toluene-d8	8.653	98	203105	50.12	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.24%		
62) 4-Bromofluorobenzene	11.085	95	71492	46.63	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.26%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.965	59	27468	95.68	ug/l	99
16) Acetone	2.380	43	4052	6.65	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	30181	8.98	ug/l #	75
22) Diisopropyl ether	3.769	45	5297	1.59	ug/l #	80
31) Cyclohexane	5.476	56	21892	12.91	ug/l	98
39) Methylcyclohexane	7.379	83	4718	2.40	ug/l	90
40) Benzene	6.043	78	93798	20.20	ug/l	96
52) Toluene	8.720	92	15338	5.06	ug/l	98
67) Ethyl Benzene	10.195	91	23384	4.21	ug/l	99
68) m/p-Xylenes	10.305	106	1405	0.62	ug/l	95
69) o-Xylene	10.646	106	601	0.27	ug/l	100
73) Isopropylbenzene	10.963	105	34142	6.58	ug/l	98
78) n-propylbenzene	11.305	91	32243	5.54	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	3447	0.80	ug/l	96
85) sec-Butylbenzene	11.890	105	4569	0.85	ug/l	94
89) n-Butylbenzene	12.335	91	1858	0.48	ug/l #	53

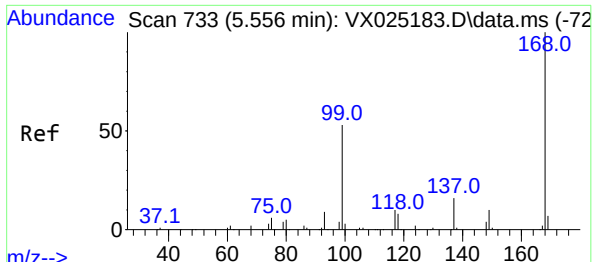
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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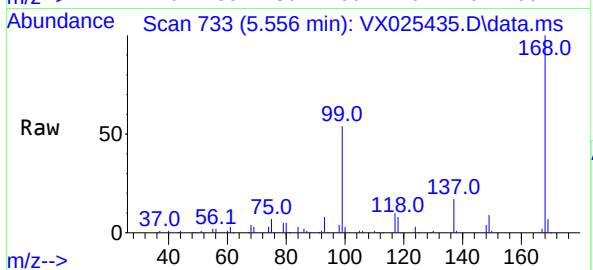
Quant Time: Dec 03 03:09:28 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



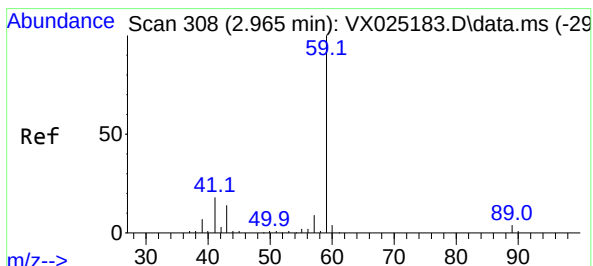
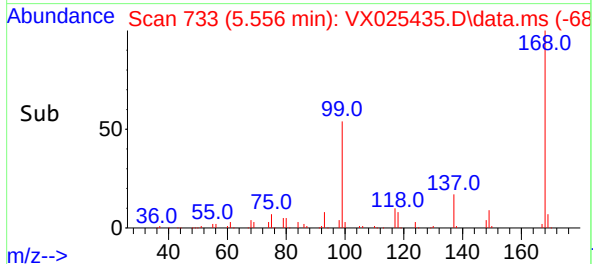
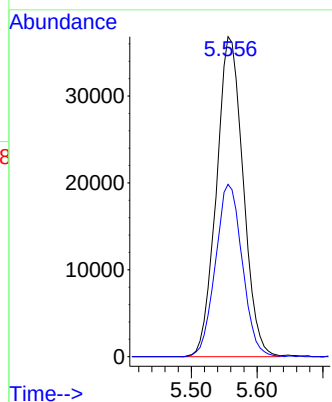


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

Instrument :
MSVOA_X
ClientSampleId :
MW-22

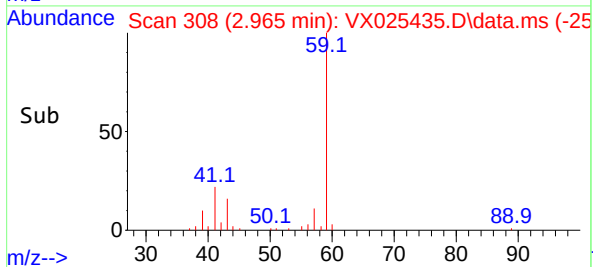
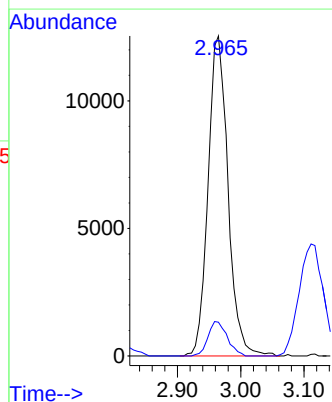
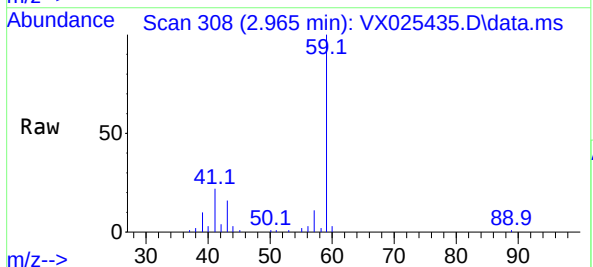


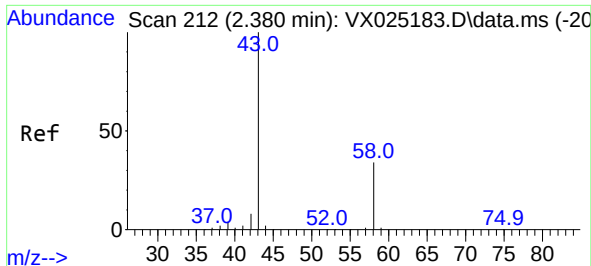
Tgt Ion:168 Resp: 104097
Ion Ratio Lower Upper
168 100
99 53.8 46.4 69.6



#11
Tert butyl alcohol
Concen: 95.68 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

Tgt Ion: 59 Resp: 27468
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

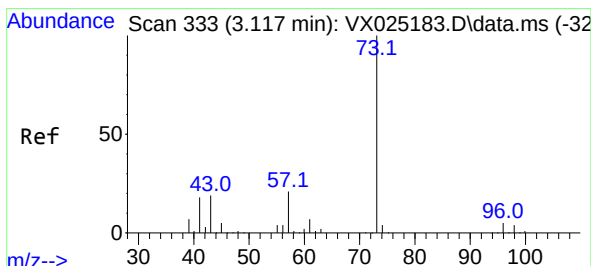
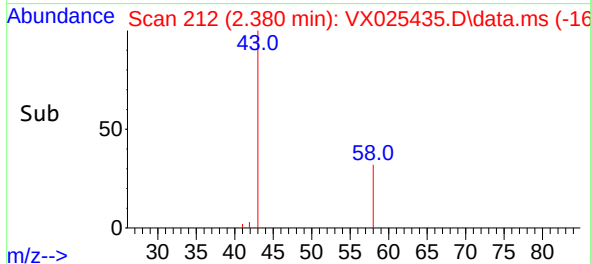
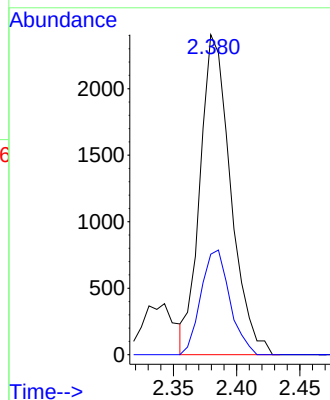
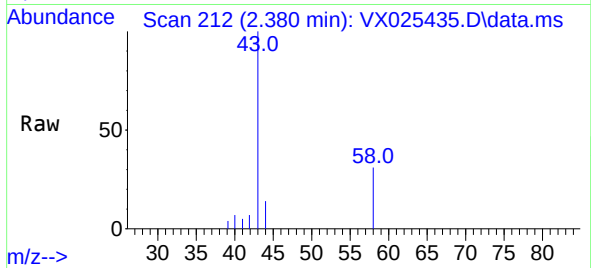




#16
Acetone
Concen: 6.65 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

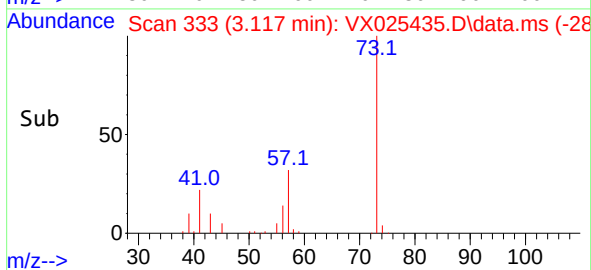
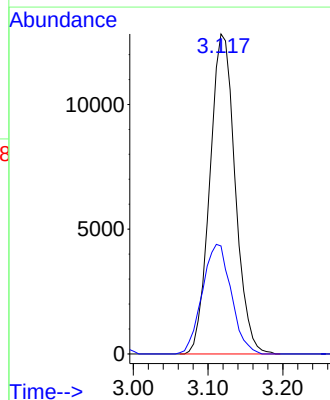
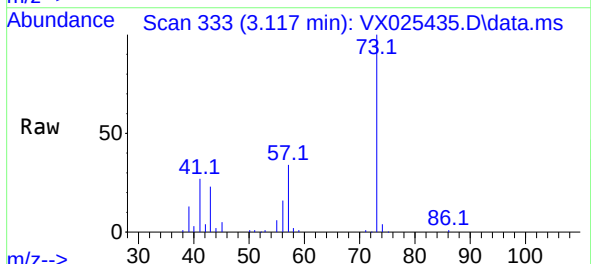
Instrument :
MSVOA_X
ClientSampleId :
MW-22

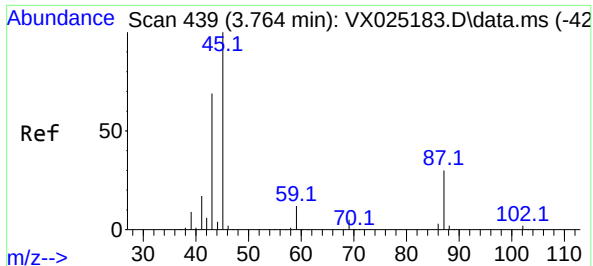
Tgt Ion: 43 Resp: 4052
Ion Ratio Lower Upper
43 100
58 31.4 24.0 36.0



#19
Methyl tert-butyl Ether
Concen: 8.98 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

Tgt Ion: 73 Resp: 30181
Ion Ratio Lower Upper
73 100
57 33.7 17.5 26.3#

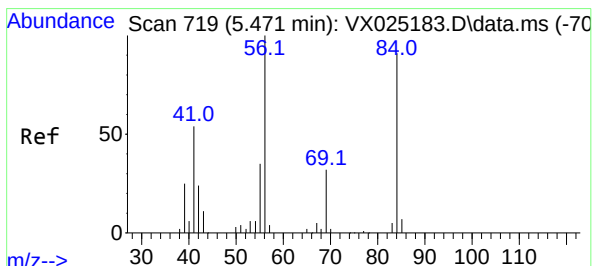
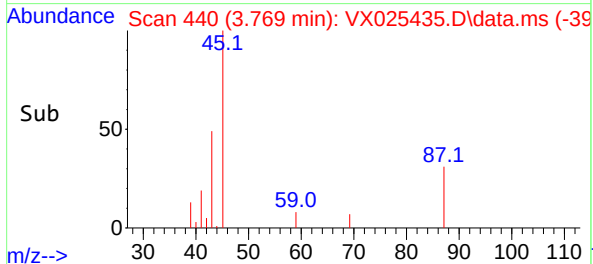
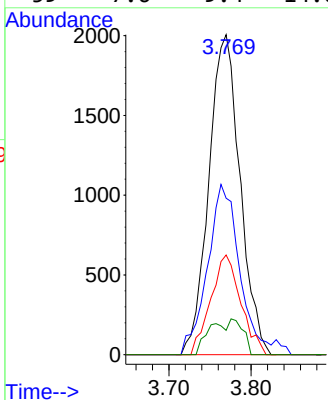
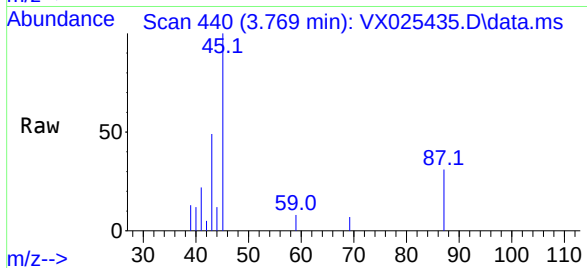




#22
Diisopropyl ether
Concen: 1.59 ug/l
RT: 3.769 min Scan# 440
Delta R.T. 0.005 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

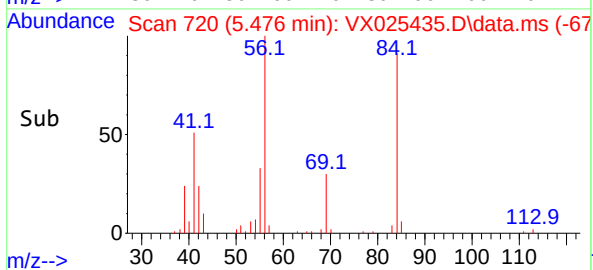
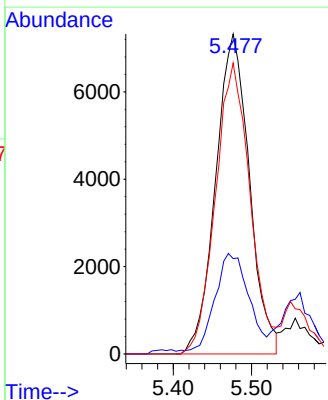
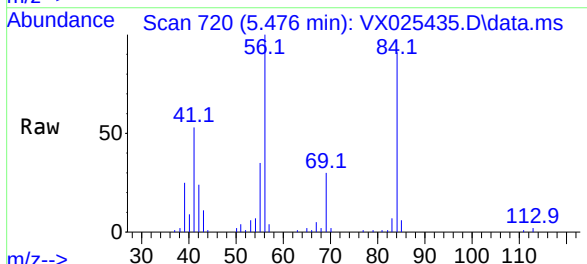
Instrument :
MSVOA_X
ClientSampleId :
MW-22

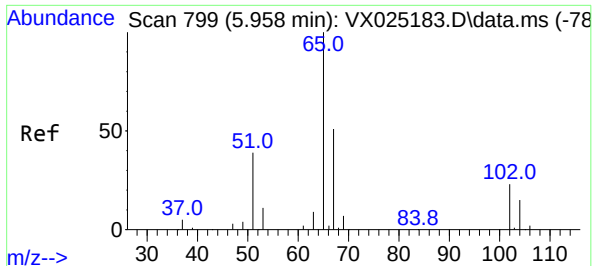
Tgt Ion: 45	Resp: 5297
Ion Ratio	Lower Upper
45 100	
43 48.9	58.3 87.5#
87 31.2	23.7 35.5
59 7.6	9.4 14.0#



#31
Cyclohexane
Concen: 12.91 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.005 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

Tgt Ion: 56	Resp: 21892
Ion Ratio	Lower Upper
56 100	
69 28.9	24.2 36.2
84 90.9	71.5 107.3

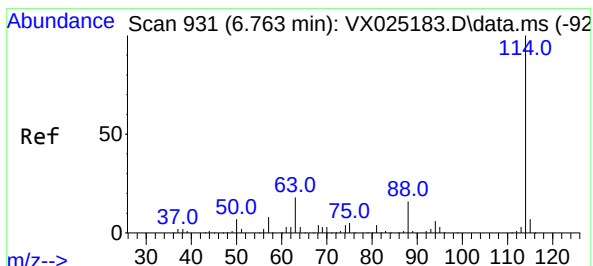
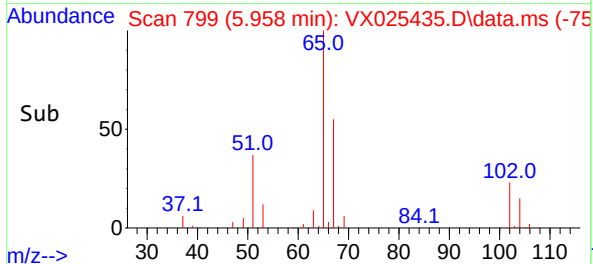
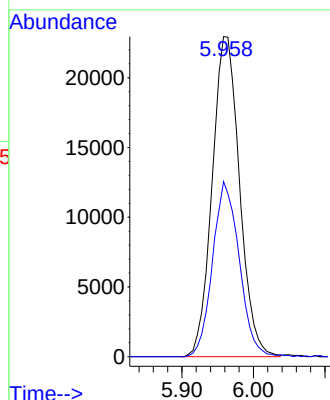
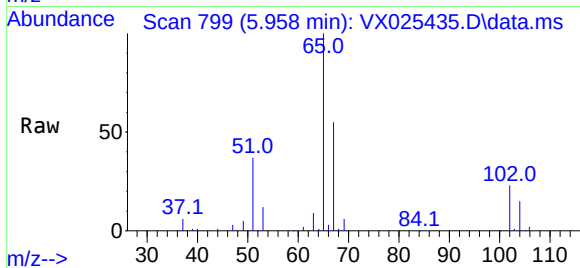




#33
 1,2-Dichloroethane-d4
 Concen: 55.62 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025435.D
 Acq: 02 Dec 2021 17:53

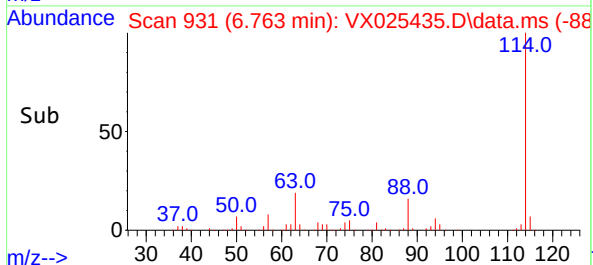
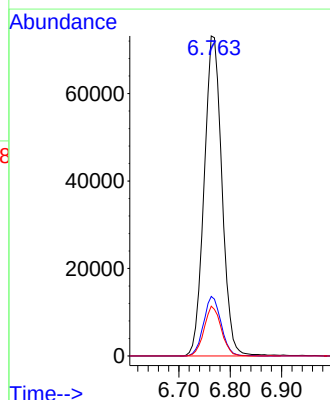
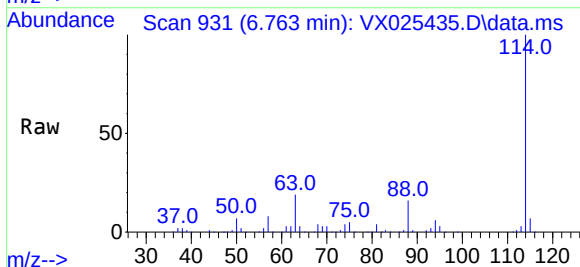
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

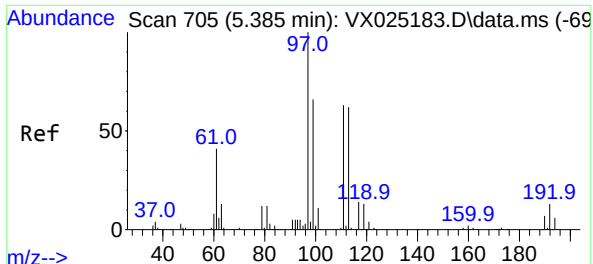
Tgt Ion: 65 Resp: 61024
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX025435.D
 Acq: 02 Dec 2021 17:53

Tgt Ion: 114 Resp: 175665
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 41.0
 88 15.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 49.95 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025435.D

Acq: 02 Dec 2021 17:53

Instrument :

MSVOA_X

ClientSampleId :

MW-22

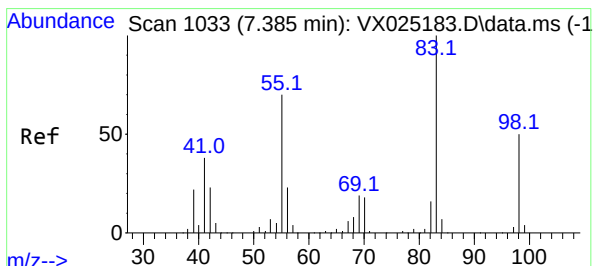
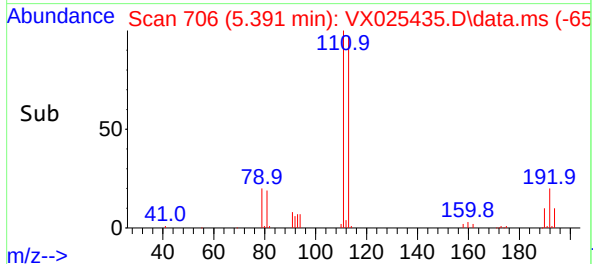
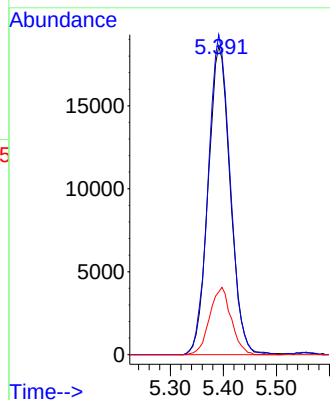
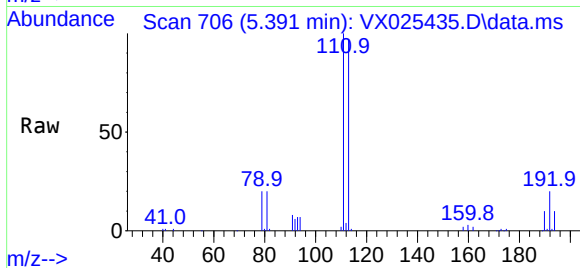
Tgt Ion:113 Resp: 53839

Ion Ratio Lower Upper

113 100

111 102.9 82.1 123.1

192 21.2 15.6 23.4



#39

Methylcyclohexane

Concen: 2.40 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX025435.D

Acq: 02 Dec 2021 17:53

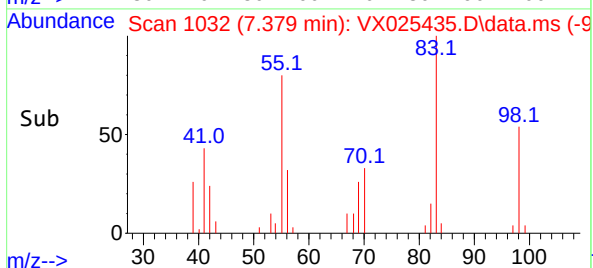
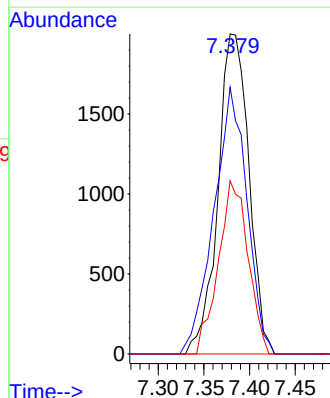
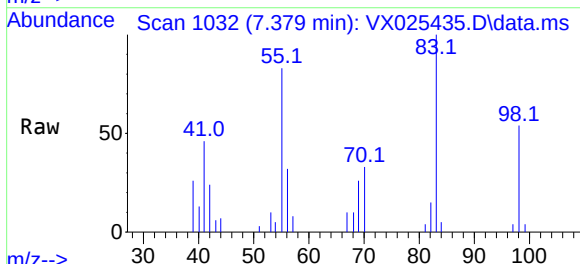
Tgt Ion: 83 Resp: 4718

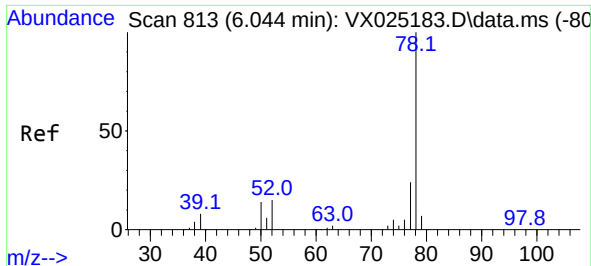
Ion Ratio Lower Upper

83 100

55 83.3 60.8 91.2

98 54.1 37.0 55.4

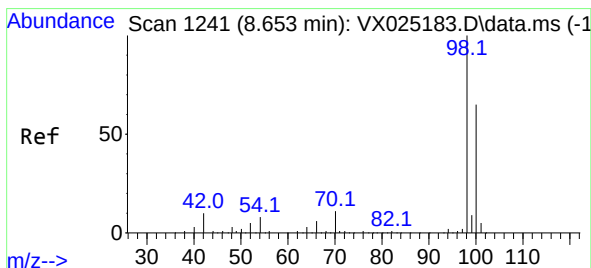
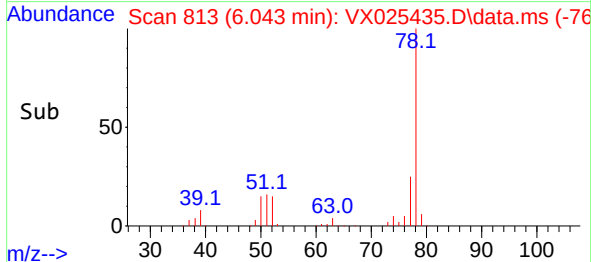
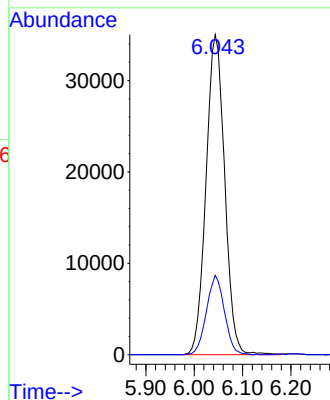
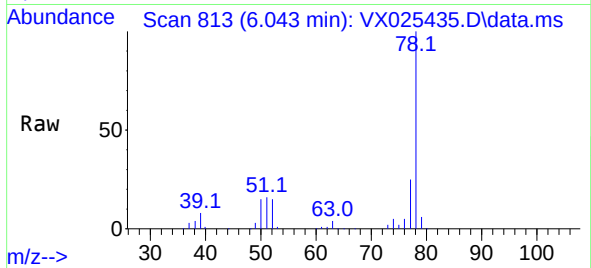




#40
Benzene
Concen: 20.20 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

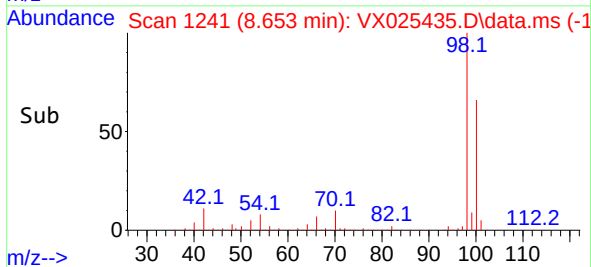
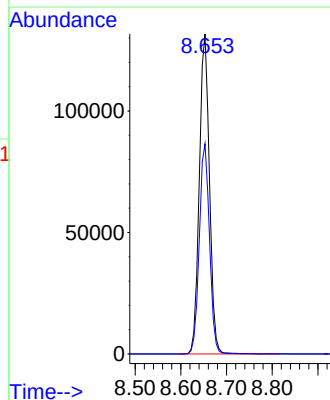
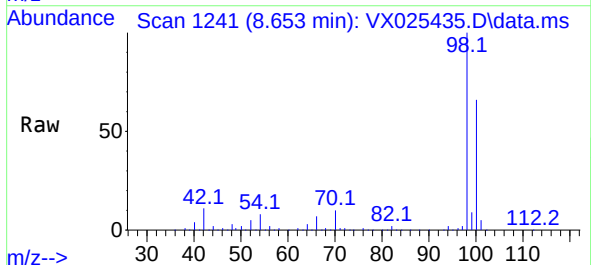
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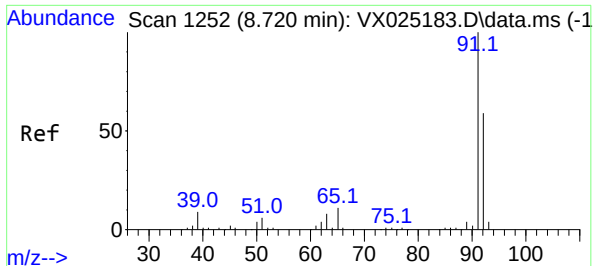
Tgt Ion: 78 Resp: 93798
Ion Ratio Lower Upper
78 100
77 24.8 18.3 27.5



#50
Toluene-d8
Concen: 50.12 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

Tgt Ion: 98 Resp: 203105
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0





#52

Toluene

Concen: 5.06 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX025435.D

Acq: 02 Dec 2021 17:53

Instrument :

MSVOA_X

ClientSampleId :

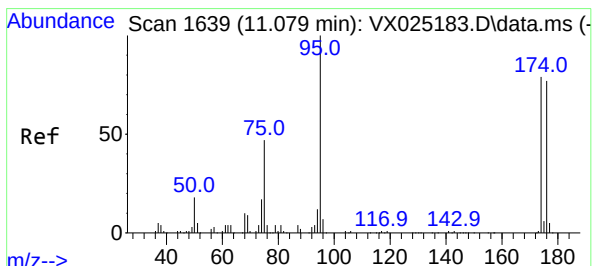
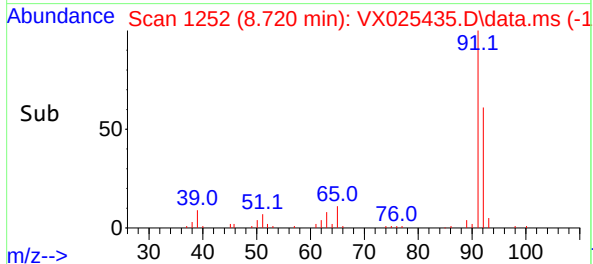
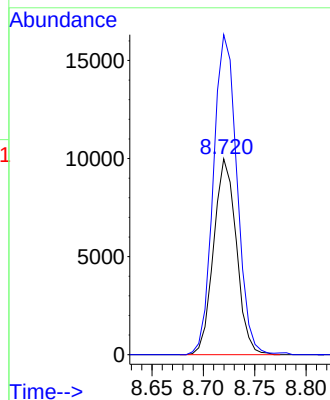
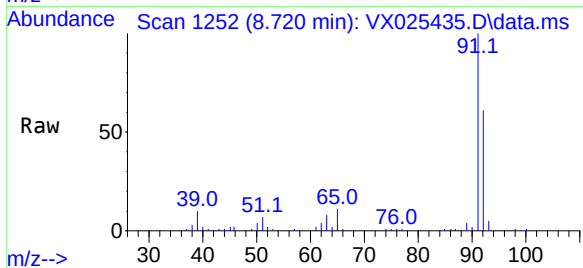
MW-22

Tgt Ion: 92 Resp: 15338

Ion Ratio Lower Upper

92 100

91 170.1 138.6 208.0



#62

4-Bromofluorobenzene

Concen: 46.63 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX025435.D

Acq: 02 Dec 2021 17:53

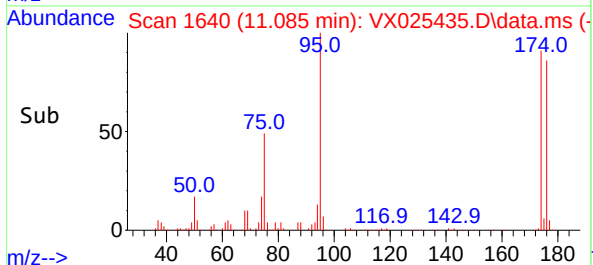
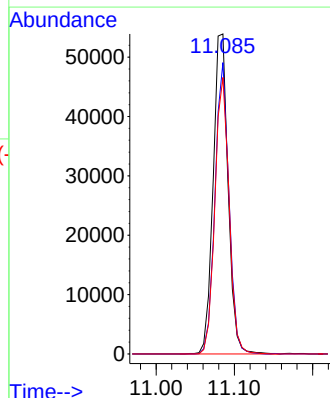
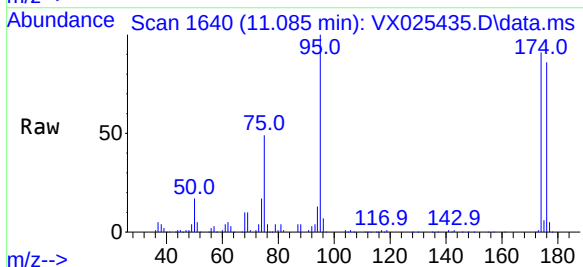
Tgt Ion: 95 Resp: 71492

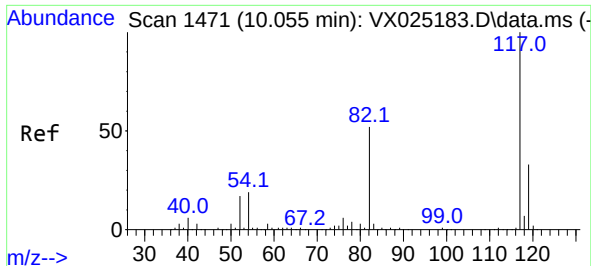
Ion Ratio Lower Upper

95 100

174 84.7 0.0 158.0

176 82.2 0.0 153.6

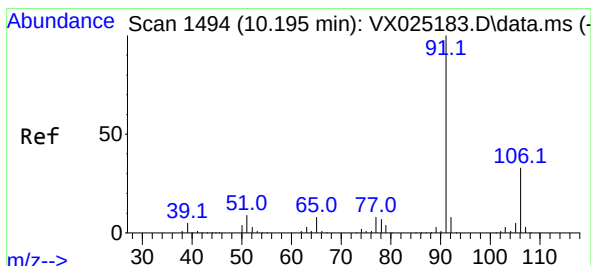
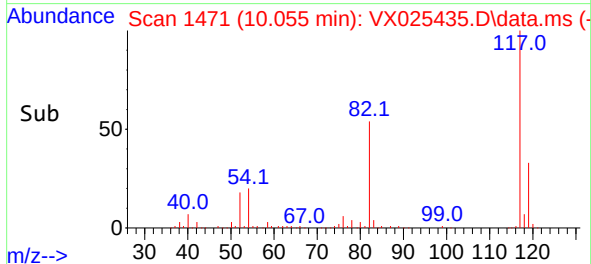
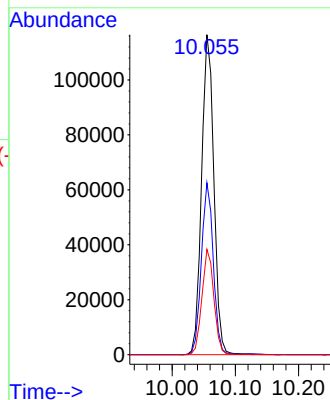
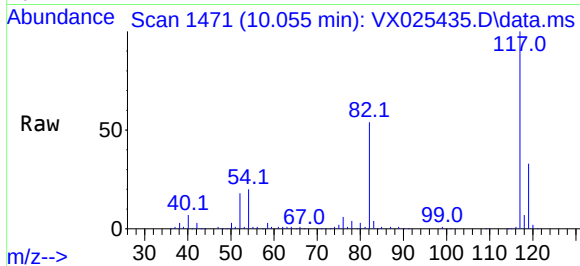




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

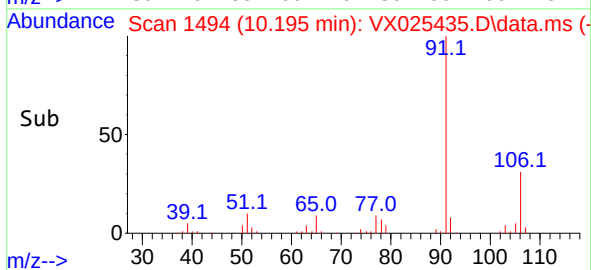
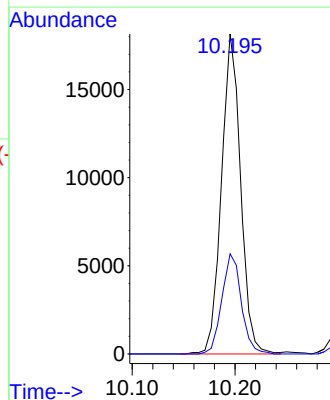
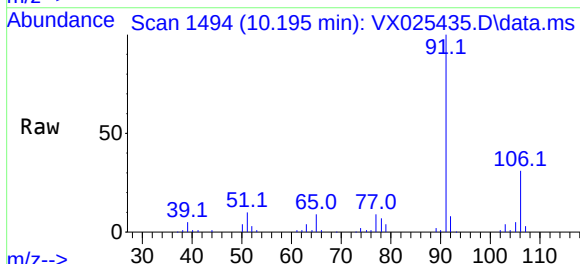
Instrument :
MSVOA_X
ClientSampleId :
MW-22

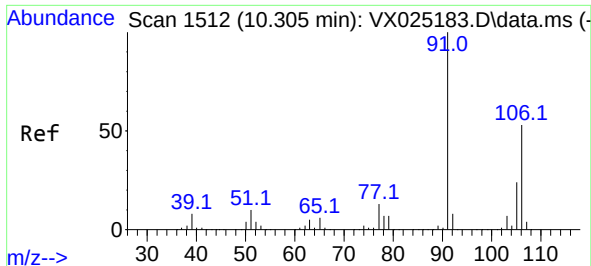
Tgt Ion:117 Resp: 157648
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 32.9 24.8 37.2



#67
Ethyl Benzene
Concen: 4.21 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

Tgt Ion: 91 Resp: 23384
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

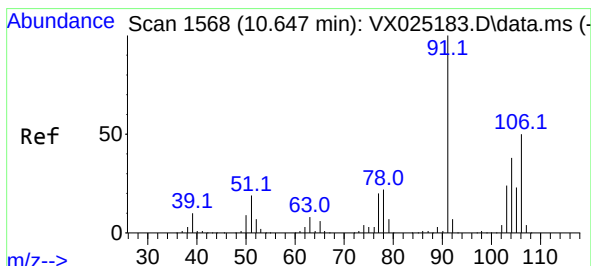
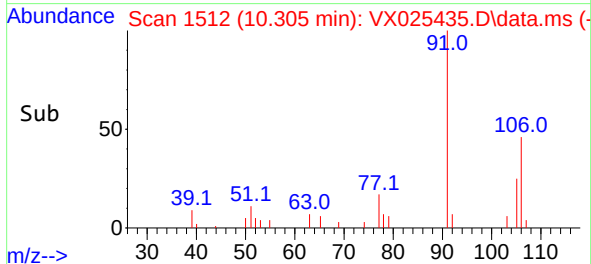
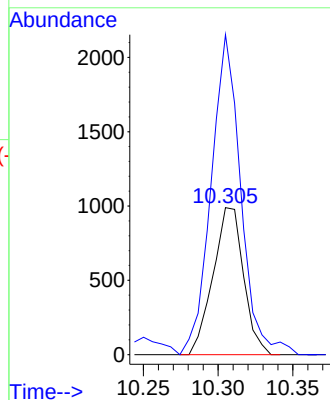
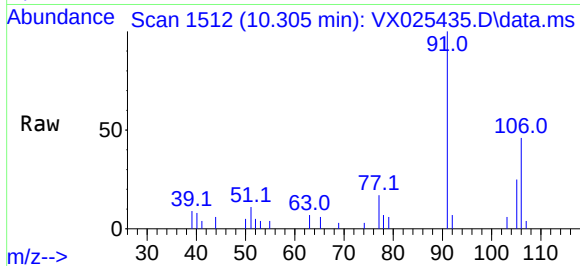




#68
m/p-Xylenes
Concen: 0.62 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

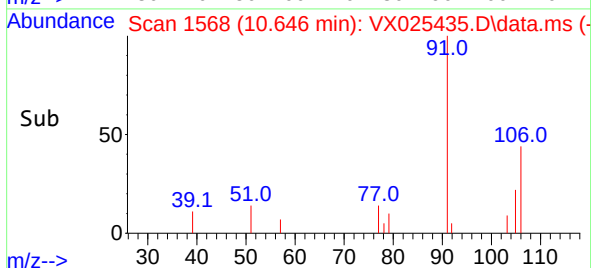
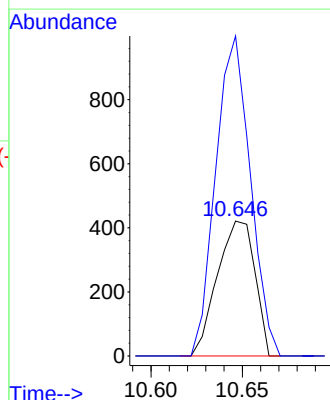
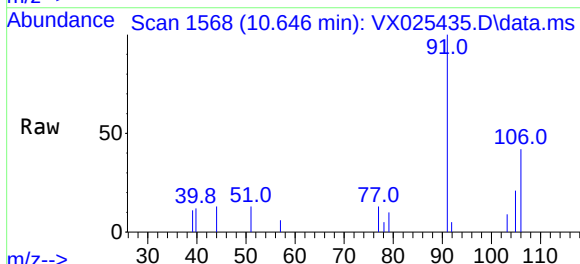
Instrument :
MSVOA_X
ClientSampleId :
MW-22

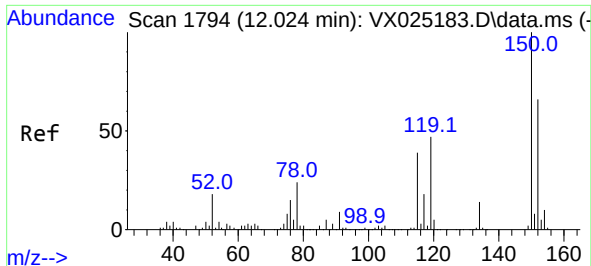
Tgt Ion:106 Resp: 1405
Ion Ratio Lower Upper
106 100
91 211.2 163.4 245.0



#69
o-Xylene
Concen: 0.27 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.001 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

Tgt Ion:106 Resp: 601
Ion Ratio Lower Upper
106 100
91 219.1 109.5 328.4

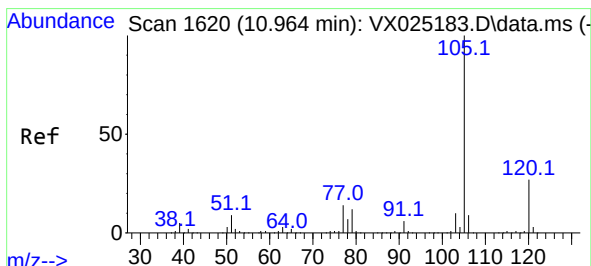
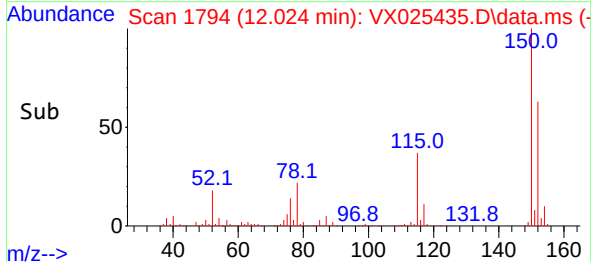
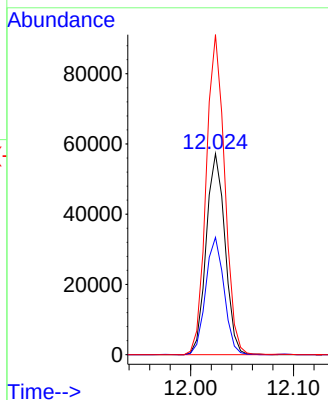
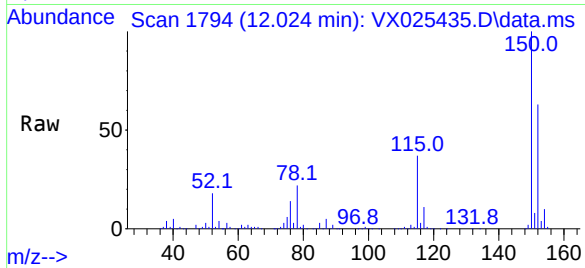




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

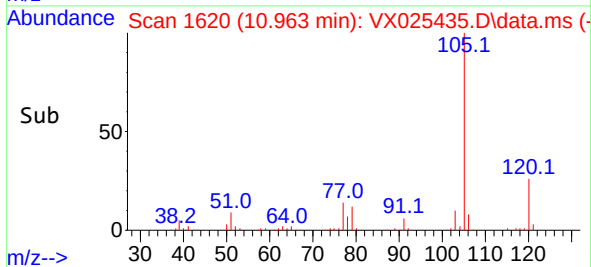
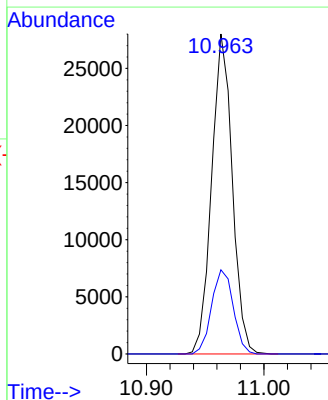
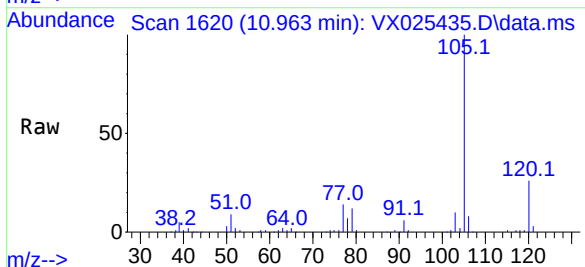
Instrument :
MSVOA_X
ClientSampleId :
MW-22

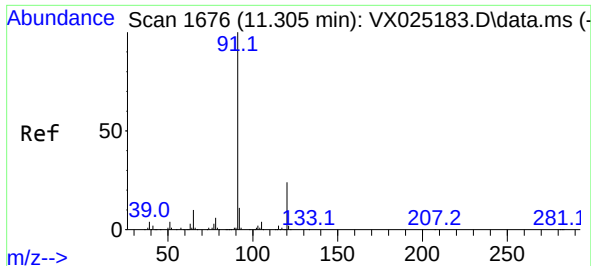
Tgt Ion:152 Resp: 72763
Ion Ratio Lower Upper
152 100
115 57.3 43.3 129.8
150 156.8 0.0 351.2



#73
Isopropylbenzene
Concen: 6.58 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

Tgt Ion:105 Resp: 34142
Ion Ratio Lower Upper
105 100
120 27.6 13.3 39.8

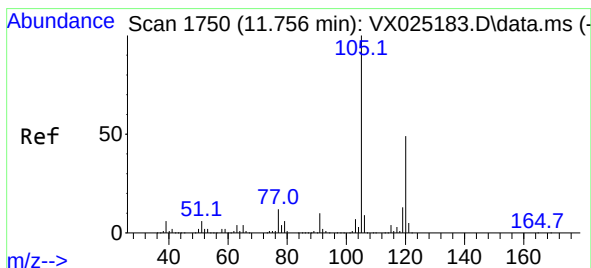
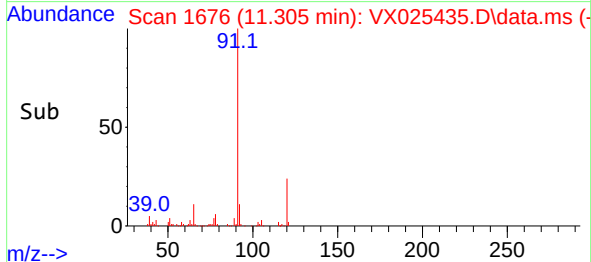
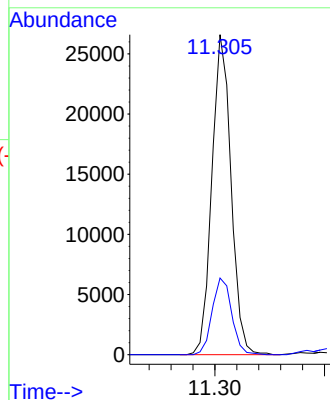
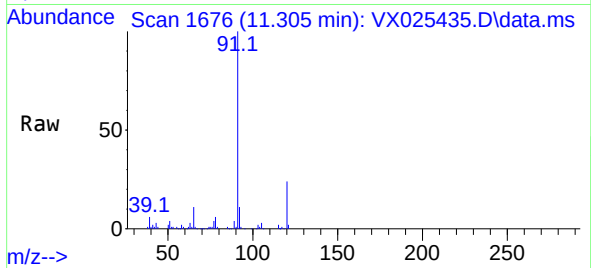




#78
n-propylbenzene
Concen: 5.54 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

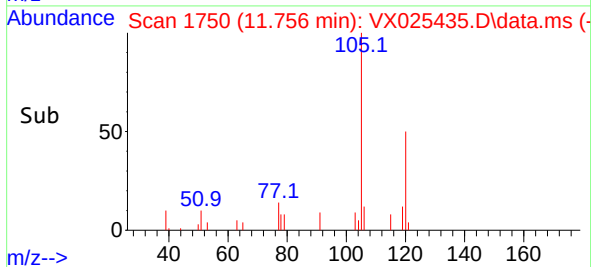
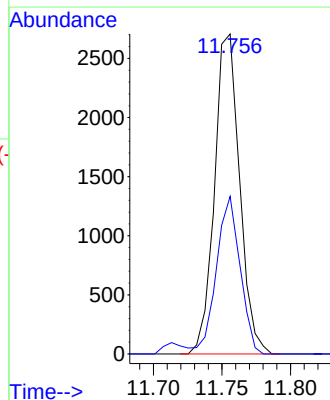
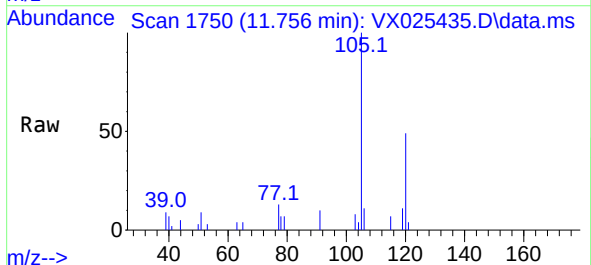
Instrument :
MSVOA_X
ClientSampleId :
MW-22

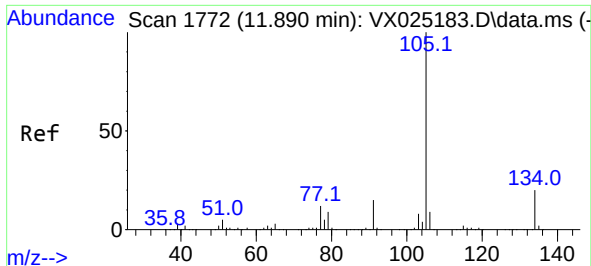
Tgt Ion: 91 Resp: 32243
Ion Ratio Lower Upper
91 100
120 24.4 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 0.80 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

Tgt Ion: 105 Resp: 3447
Ion Ratio Lower Upper
105 100
120 46.5 22.1 66.3

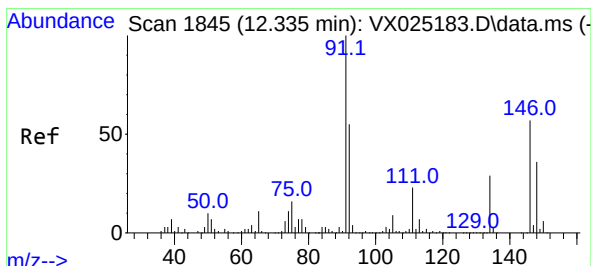
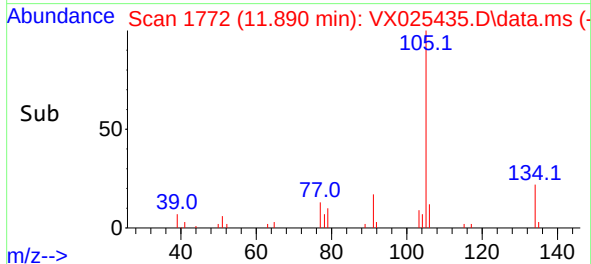
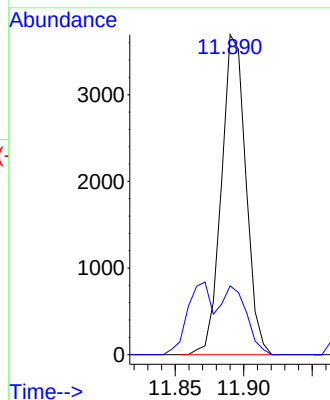
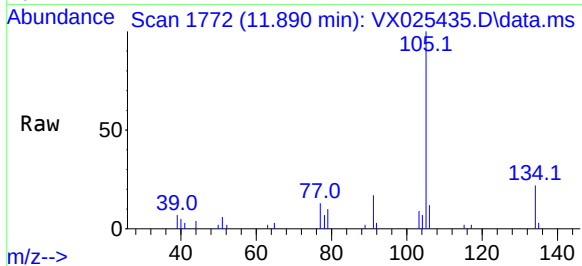




#85
sec-Butylbenzene
Concen: 0.85 ug/l
RT: 11.890 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

Instrument :
MSVOA_X
ClientSampleId :
MW-22

Tgt Ion:105 Resp: 4569
Ion Ratio Lower Upper
105 100
134 17.7 10.2 30.4



#89
n-Butylbenzene
Concen: 0.48 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX025435.D
Acq: 02 Dec 2021 17:53

Tgt Ion: 91 Resp: 1858
Ion Ratio Lower Upper
91 100
92 35.6 26.3 78.8
134 74.0 13.0 38.9#

