

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026619.D
 Acq On : 27 Jan 2022 13:13
 Operator : JC/MD
 Sample : N1286-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Jan 28 04:24:58 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)

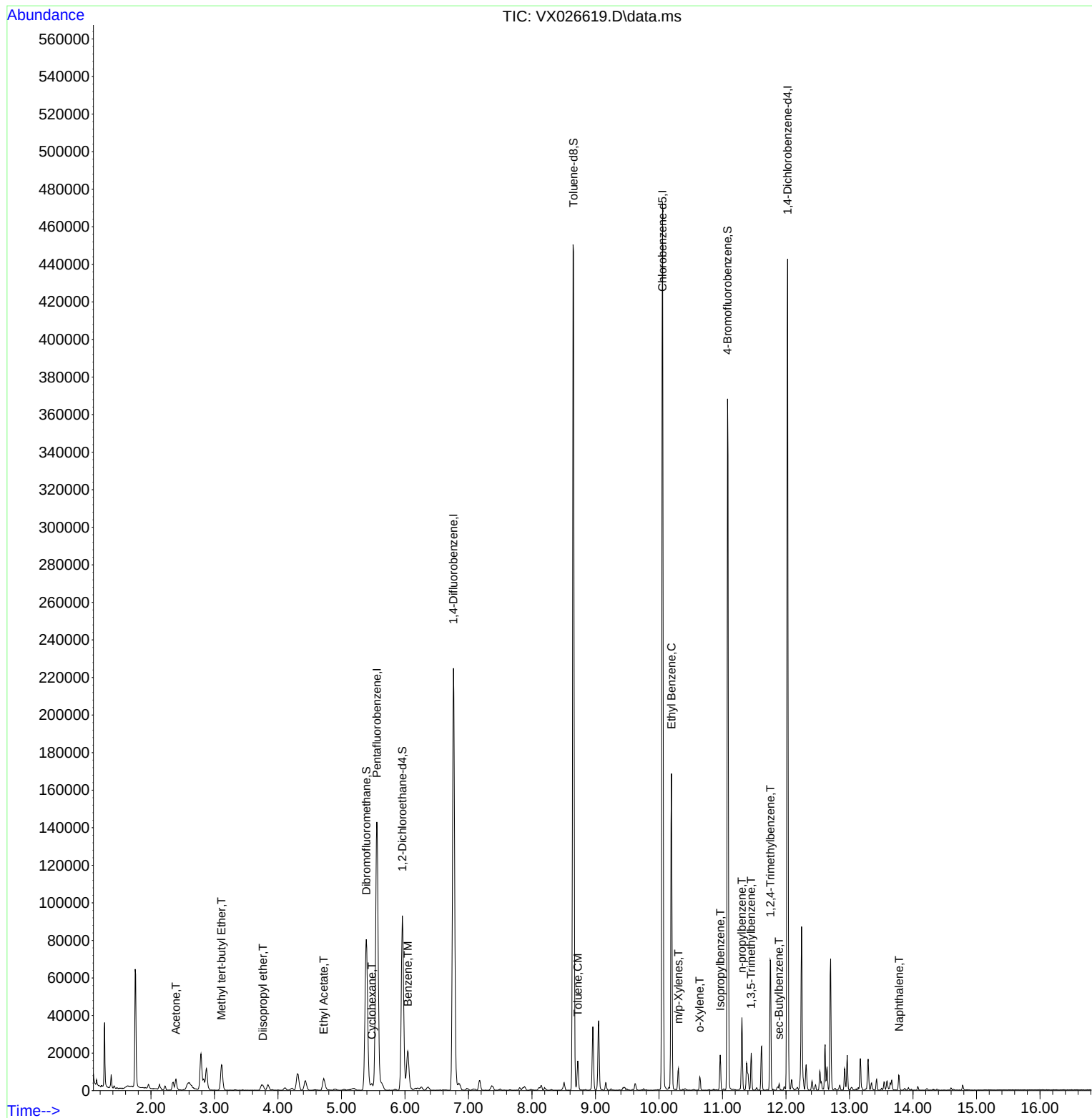
Internal Standards						
1) Pentafluorobenzene	5.556	168	135048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	228336	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	87442	46.351	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.700%
35) Dibromofluoromethane	5.391	113	71049	48.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.360%
50) Toluene-d8	8.653	98	268301	50.494	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.980%
62) 4-Bromofluorobenzene	11.079	95	101350	53.693	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.380%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	7332	7.621	ug/l	94
19) Methyl tert-butyl Ether	3.111	73	9049	1.768	ug/l #	29
22) Diisopropyl ether	3.764	45	2316	0.440	ug/l #	83
31) Cyclohexane	5.477	56	2368	0.851	ug/l #	93
37) Ethyl Acetate	4.721	43	11268	4.785	ug/l	99
40) Benzene	6.044	78	25231	3.922	ug/l	97
52) Toluene	8.720	92	5690	1.442	ug/l	99
67) Ethyl Benzene	10.195	91	96674	12.145	ug/l	99
68) m/p-Xylenes	10.305	106	2797	0.939	ug/l	97
69) o-Xylene	10.640	106	1515	0.527	ug/l	93
73) Isopropylbenzene	10.964	105	9386	1.270	ug/l	99
78) n-propylbenzene	11.305	91	22638	2.685	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	8431	1.383	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	31991	5.247	ug/l	99
85) sec-Butylbenzene	11.890	105	1625	0.221	ug/l	87
95) Naphthalene	13.780	128	5331	0.831	ug/l	98

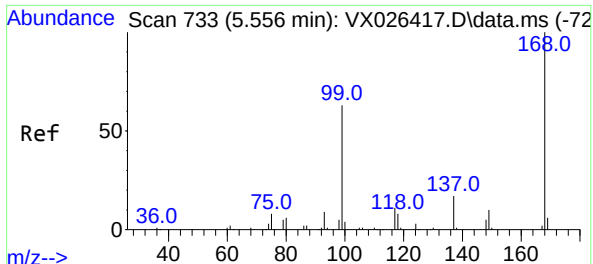
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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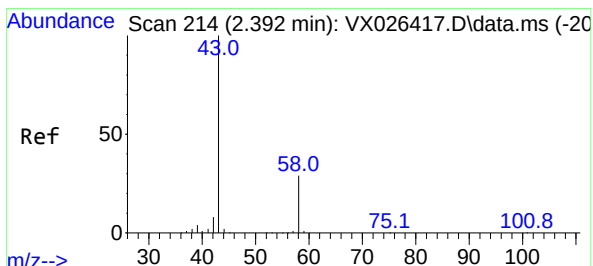
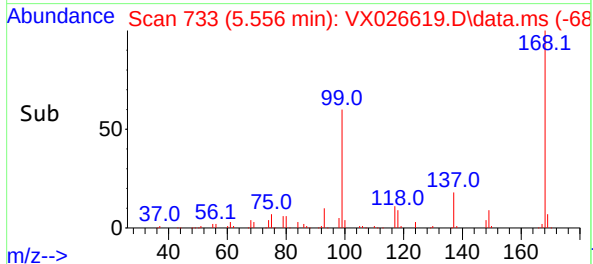
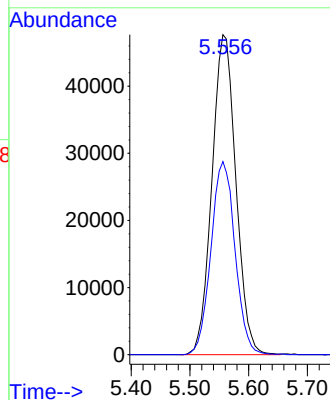
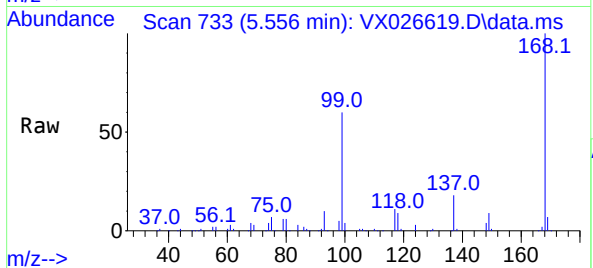




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

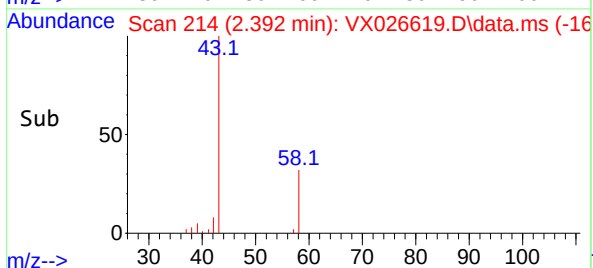
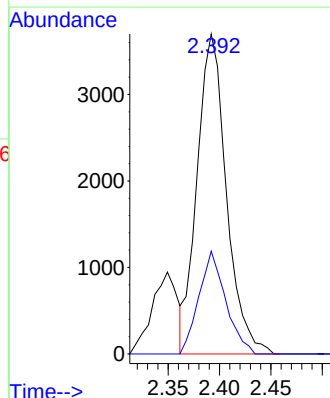
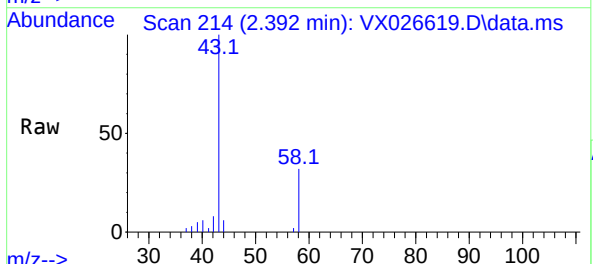
Instrument :
MSVOA_X
ClientSampleId :
MW-5

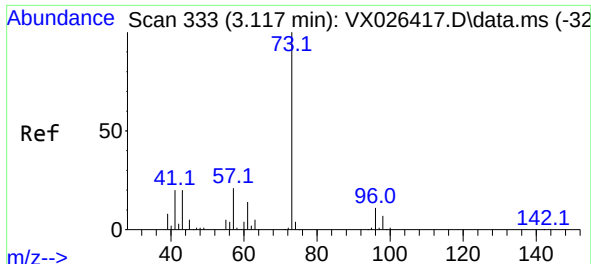
Tgt Ion:168 Resp: 135048
Ion Ratio Lower Upper
168 100
99 60.3 50.3 75.5



#16
Acetone
Concen: 7.621 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

Tgt Ion: 43 Resp: 7332
Ion Ratio Lower Upper
43 100
58 32.1 23.0 34.6

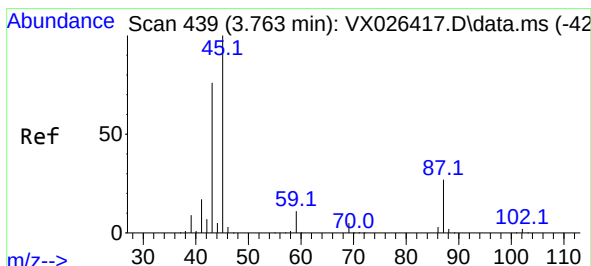
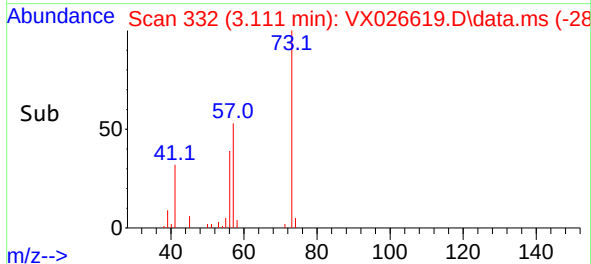
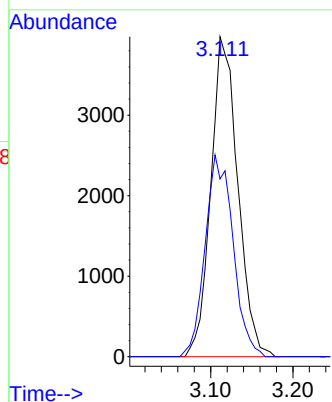
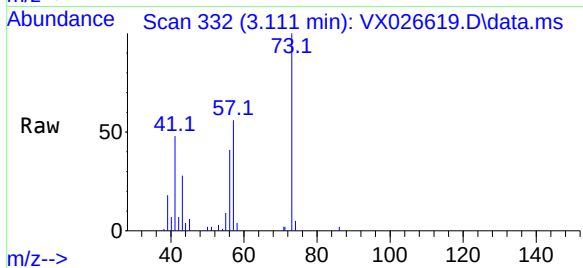




#19
Methyl tert-butyl Ether
Concen: 1.768 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

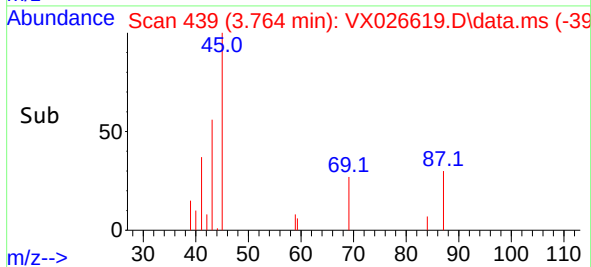
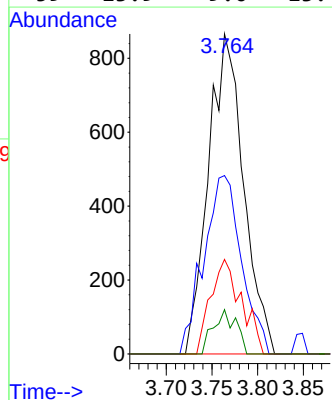
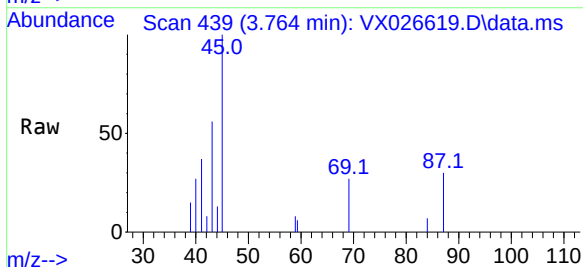
Instrument :
MSVOA_X
ClientSampleId :
MW-5

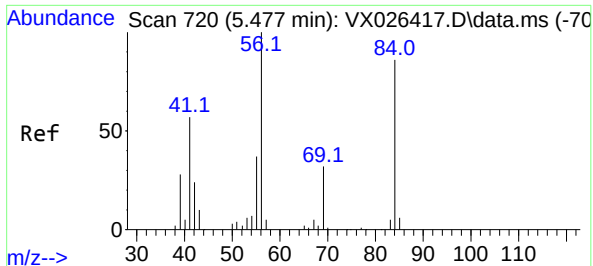
Tgt Ion: 73 Resp: 9049
Ion Ratio Lower Upper
73 100
57 55.6 17.4 26.2#



#22
Diisopropyl ether
Concen: 0.440 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

Tgt Ion: 45 Resp: 2316
Ion Ratio Lower Upper
45 100
43 55.8 60.6 91.0#
87 29.6 22.0 33.0
59 13.9 9.0 13.4#

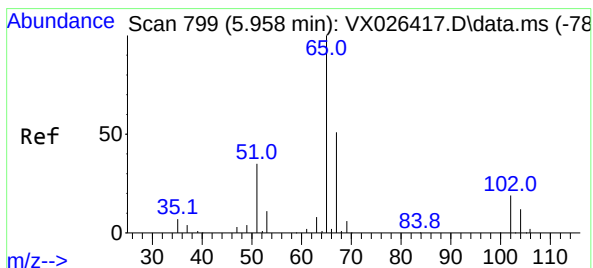
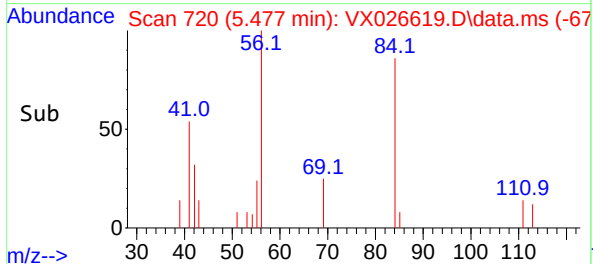
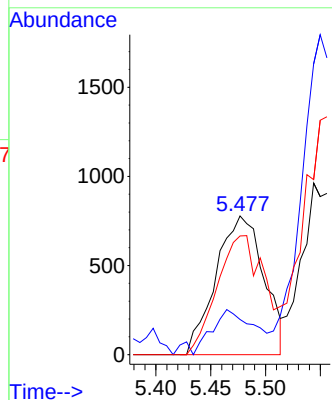
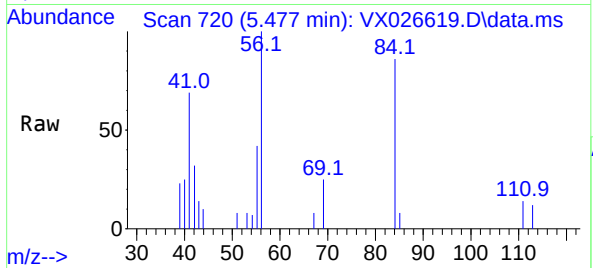




#31
Cyclohexane
Concen: 0.851 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

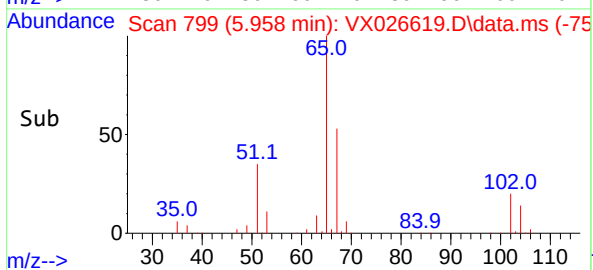
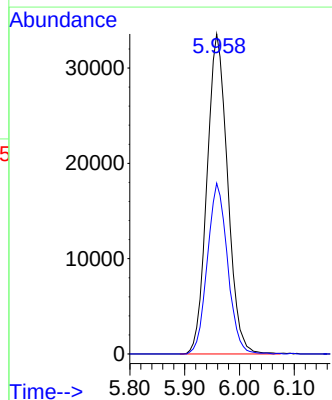
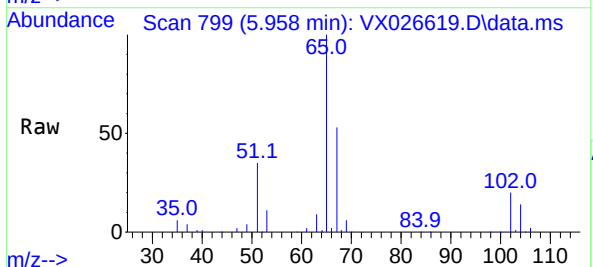
Instrument :
MSVOA_X
ClientSampleId :
MW-5

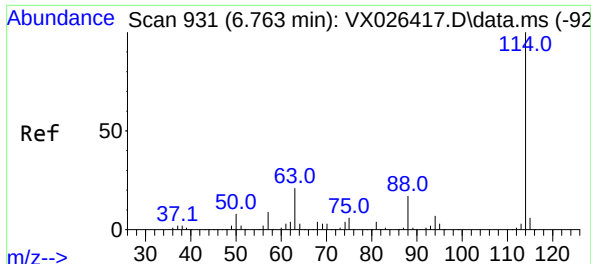
Tgt Ion: 56 Resp: 2368
Ion Ratio Lower Upper
56 100
69 18.4 25.8 38.6#
84 85.6 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 46.351 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

Tgt Ion: 65 Resp: 87442
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.8

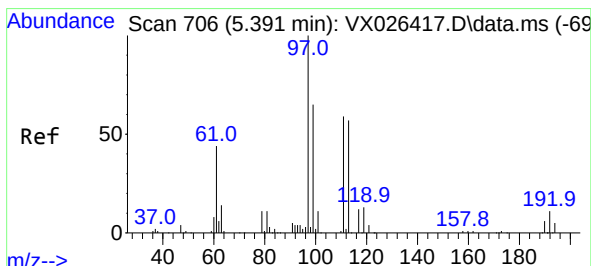
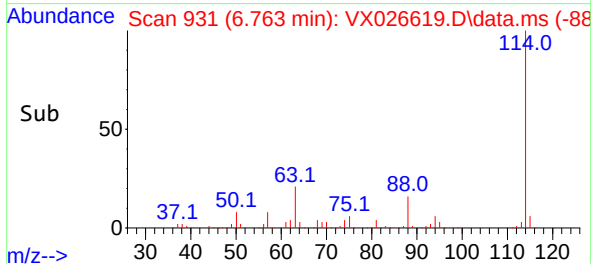
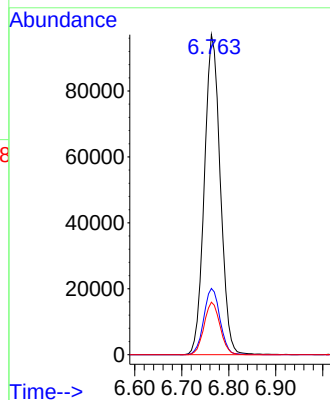
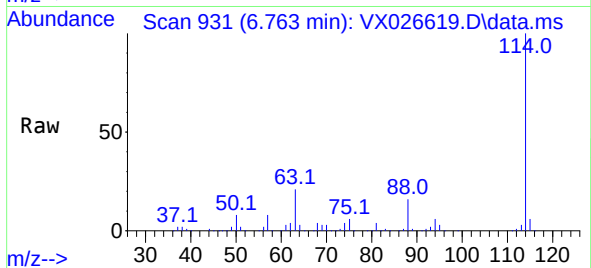




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

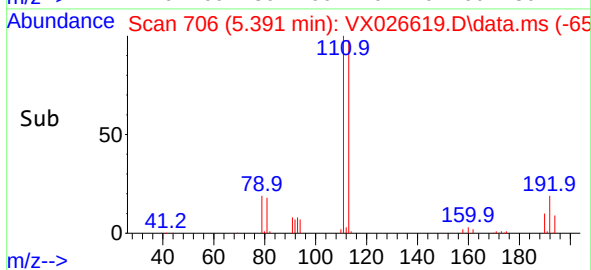
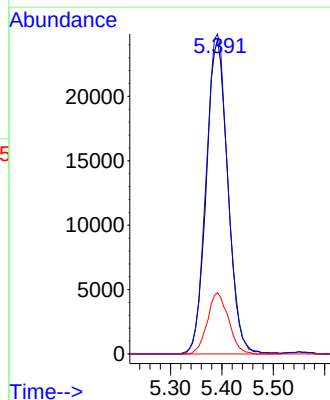
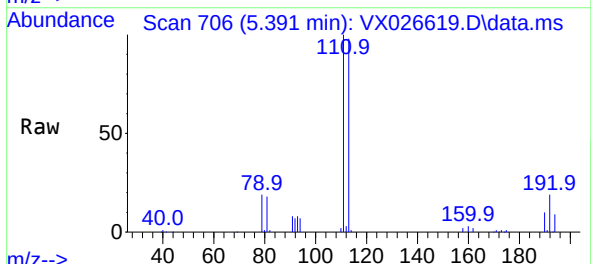
Instrument :
MSVOA_X
ClientSampleId :
MW-5

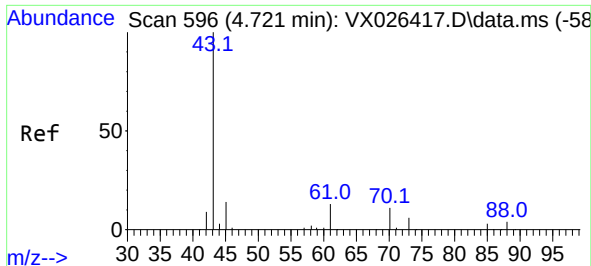
Tgt Ion:114 Resp: 228336
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.8
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.184 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

Tgt Ion:113 Resp: 71049
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 19.1 15.0 22.4





#37

Ethyl Acetate

Concen: 4.785 ug/l

RT: 4.721 min Scan# 596

Delta R.T. 0.000 min

Lab File: VX026619.D

Acq: 27 Jan 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :

MW-5

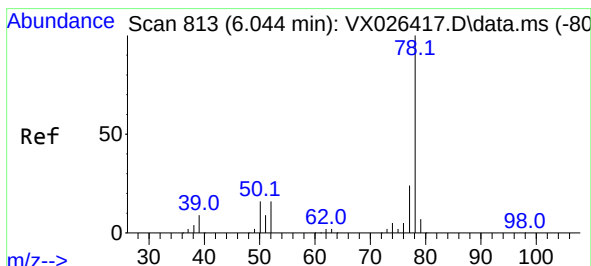
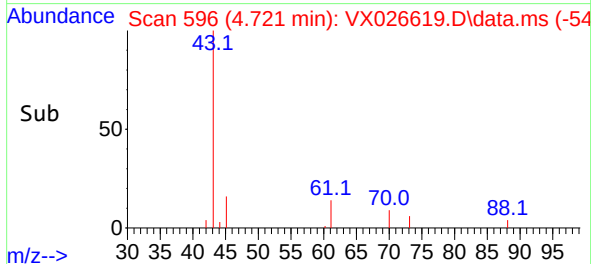
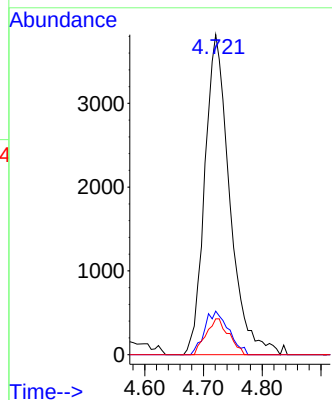
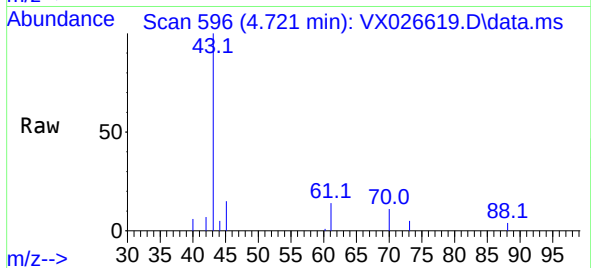
Tgt Ion: 43 Resp: 11268

Ion Ratio Lower Upper

43 100

61 13.2 10.6 16.0

70 10.1 8.5 12.7



#40

Benzene

Concen: 3.922 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX026619.D

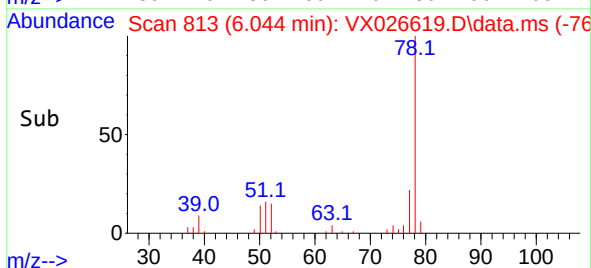
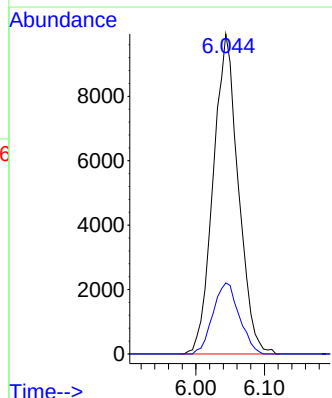
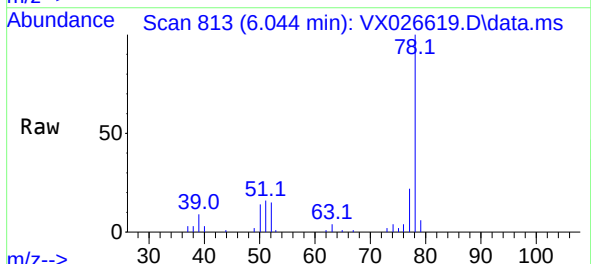
Acq: 27 Jan 2022 13:13

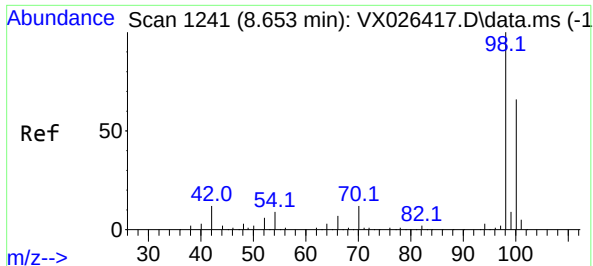
Tgt Ion: 78 Resp: 25231

Ion Ratio Lower Upper

78 100

77 22.2 18.9 28.3

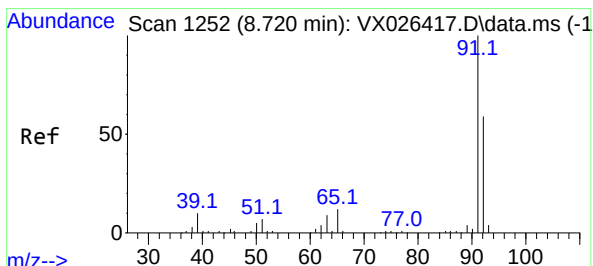
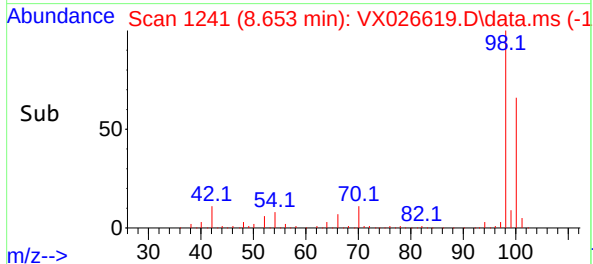
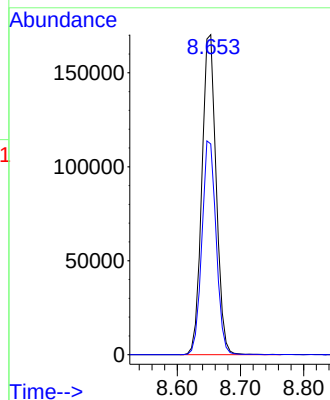
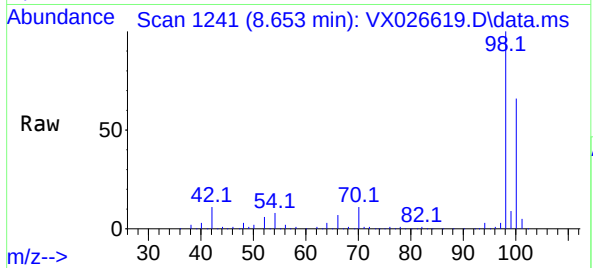




#50
Toluene-d8
Concen: 50.494 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

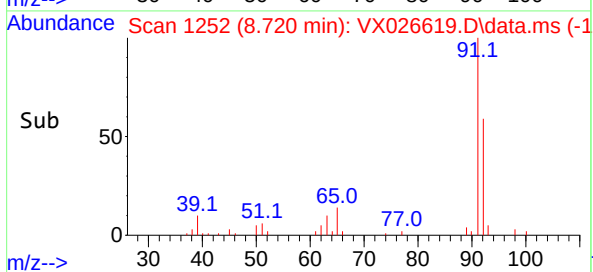
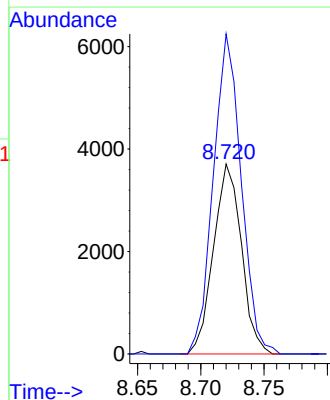
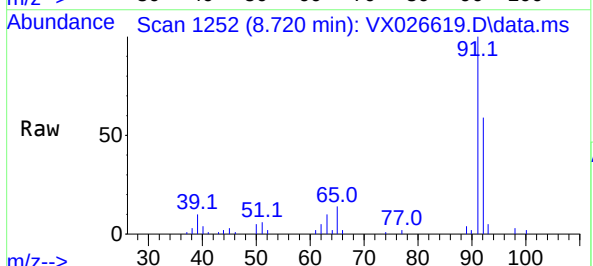
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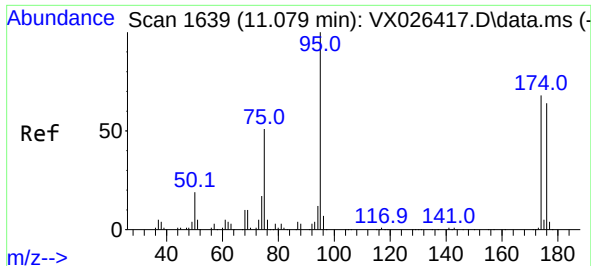
Tgt Ion: 98 Resp: 268301
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8



#52
Toluene
Concen: 1.442 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

Tgt Ion: 92 Resp: 5690
Ion Ratio Lower Upper
92 100
91 167.9 135.7 203.5

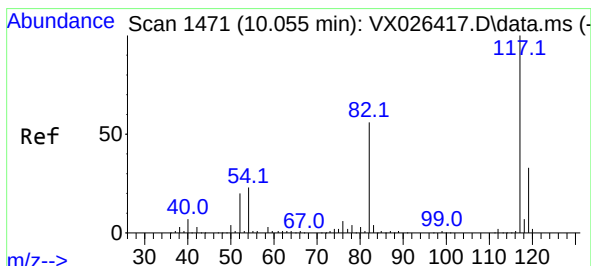
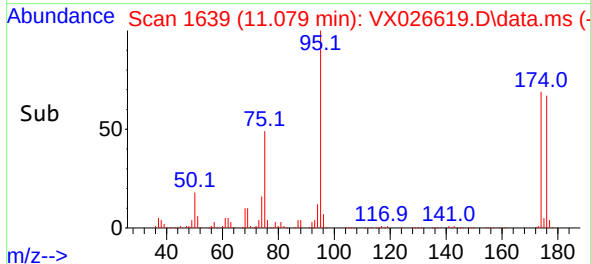
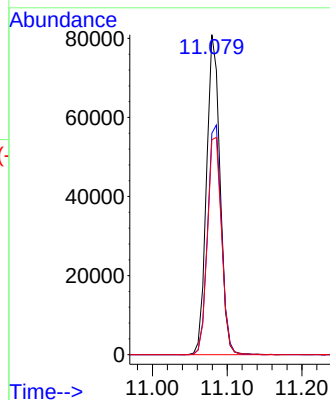
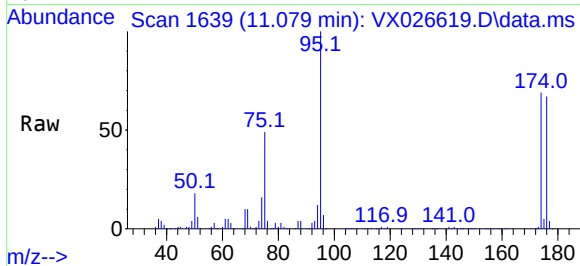




#62
4-Bromofluorobenzene
Concen: 53.693 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

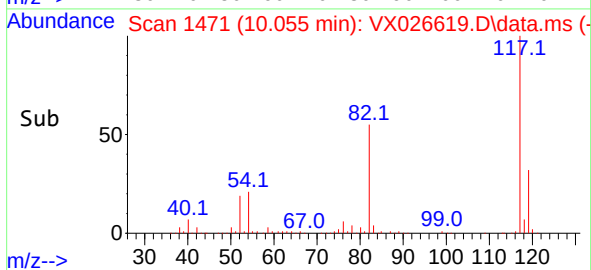
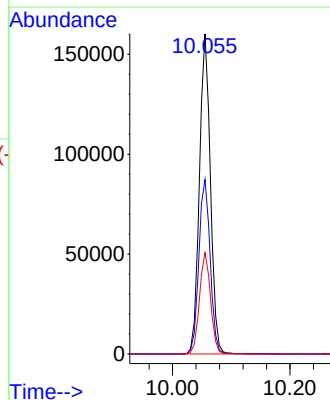
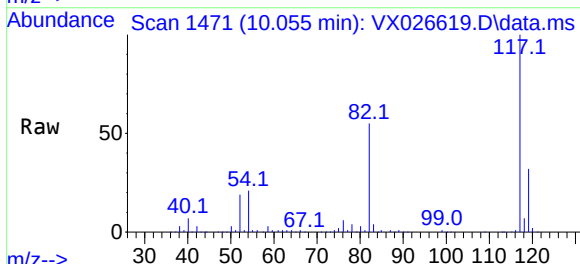
Instrument :
MSVOA_X
ClientSampleId :
MW-5

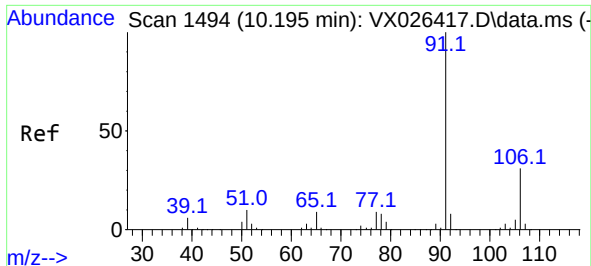
Tgt Ion: 95 Resp: 101350
Ion Ratio Lower Upper
95 100
174 73.8 0.0 148.6
176 71.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

Tgt Ion: 117 Resp: 208001
Ion Ratio Lower Upper
117 100
82 54.5 45.2 67.8
119 31.7 26.2 39.2





#67

Ethyl Benzene

Concen: 12.145 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX026619.D

Acq: 27 Jan 2022 13:13

Instrument :

MSVOA_X

ClientSampleId :

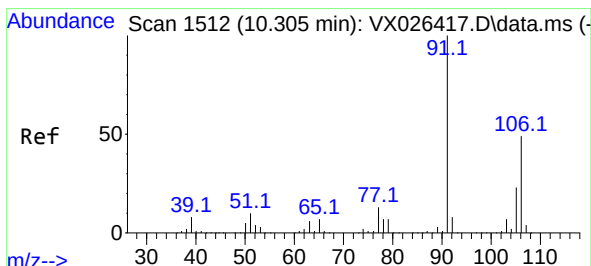
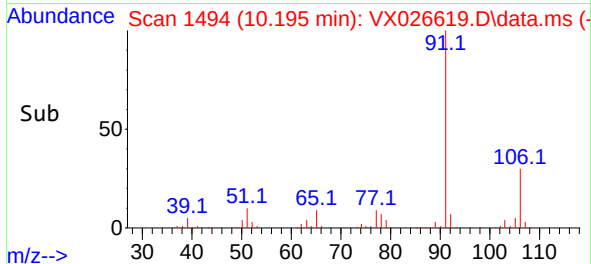
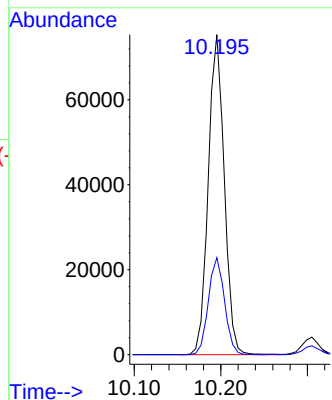
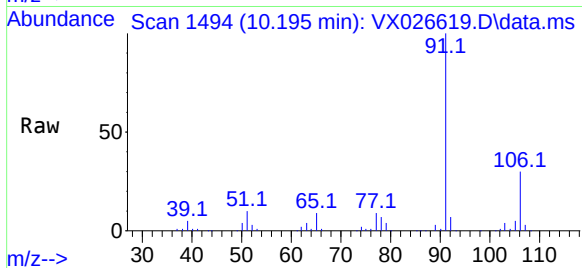
MW-5

Tgt Ion: 91 Resp: 96674

Ion Ratio Lower Upper

91 100

106 30.3 24.7 37.1



#68

m/p-Xylenes

Concen: 0.939 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX026619.D

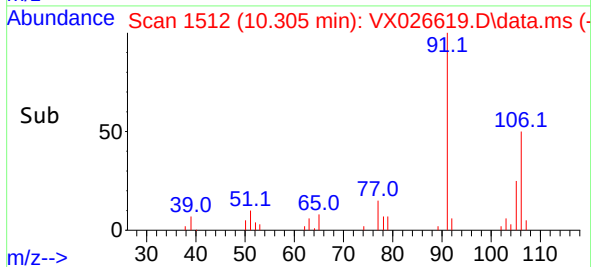
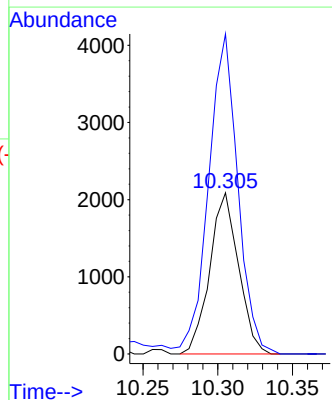
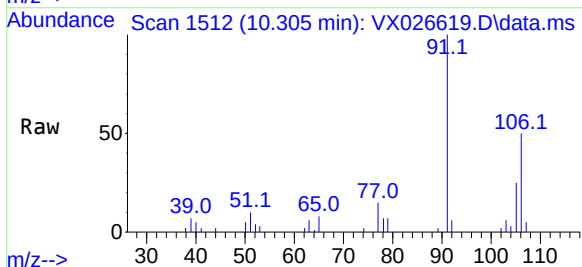
Acq: 27 Jan 2022 13:13

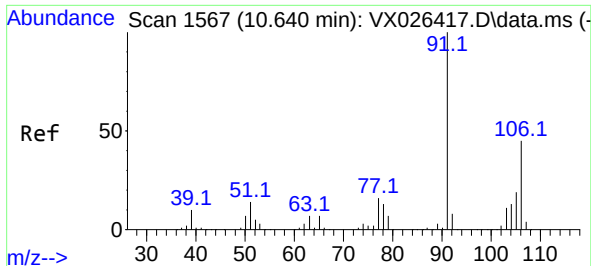
Tgt Ion: 106 Resp: 2797

Ion Ratio Lower Upper

106 100

91 201.5 165.3 247.9

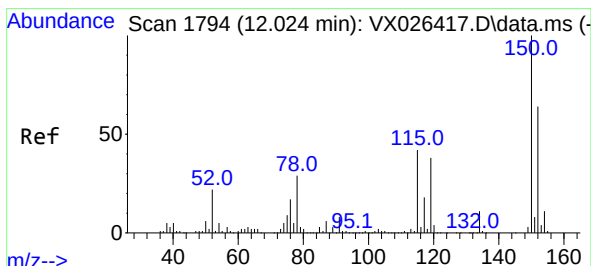
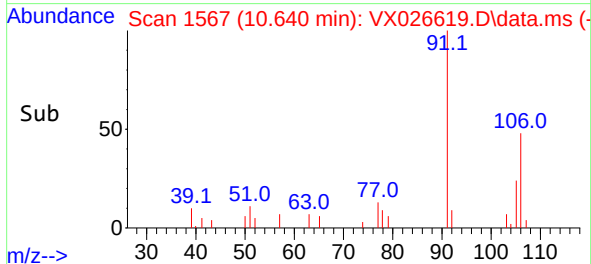
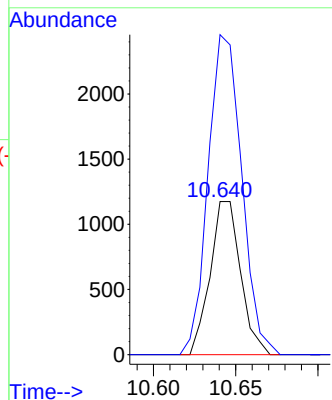
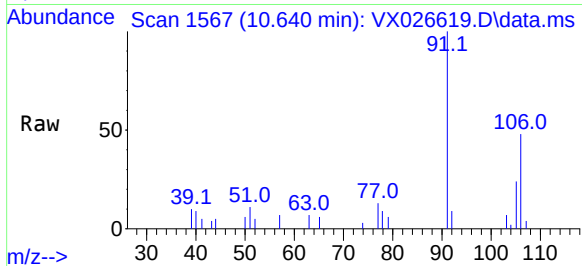




#69
o-Xylene
Concen: 0.527 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

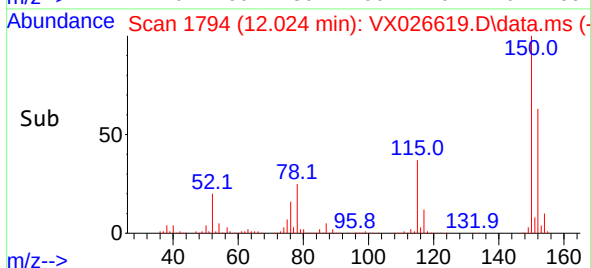
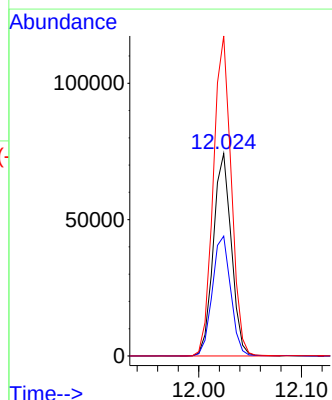
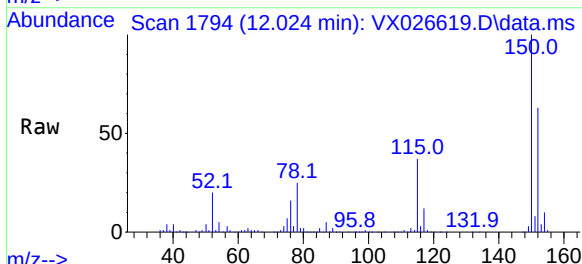
Instrument :
MSVOA_X
ClientSampleId :
MW-5

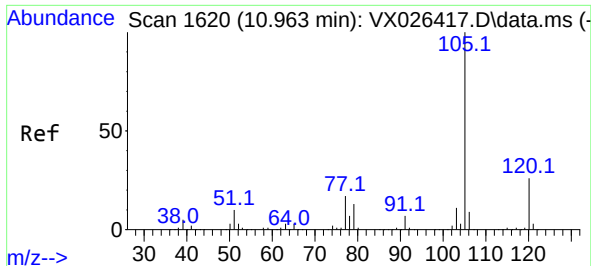
Tgt Ion:106 Resp: 1515
Ion Ratio Lower Upper
106 100
91 230.2 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

Tgt Ion:152 Resp: 90197
Ion Ratio Lower Upper
152 100
115 60.5 44.2 132.6
150 157.8 0.0 348.2

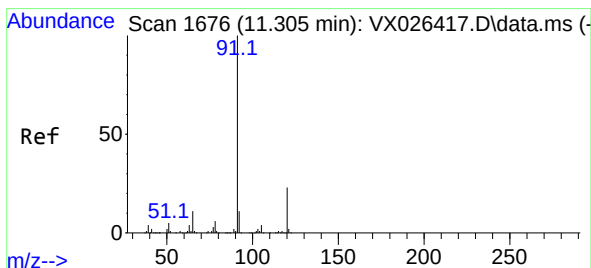
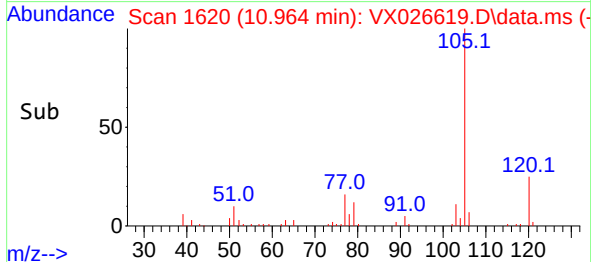
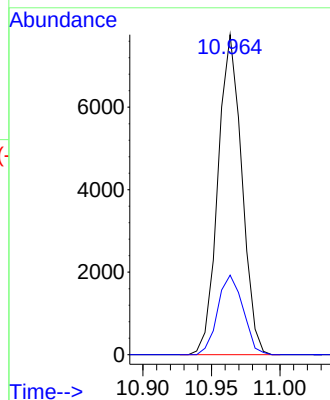
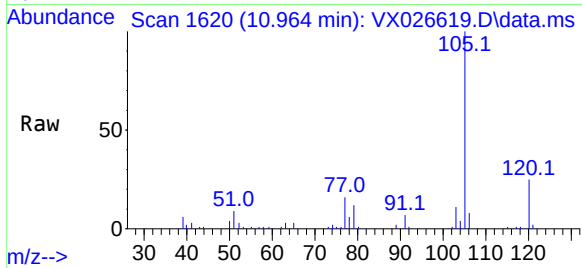




#73
Isopropylbenzene
Concen: 1.270 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

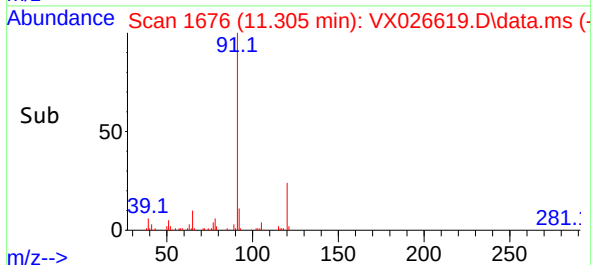
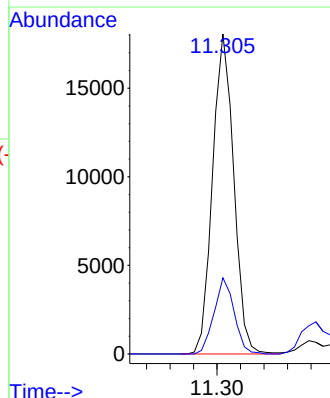
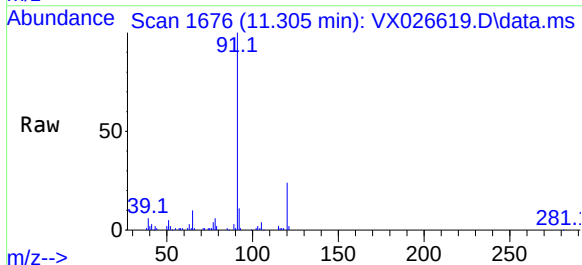
Instrument :
MSVOA_X
ClientSampleId :
MW-5

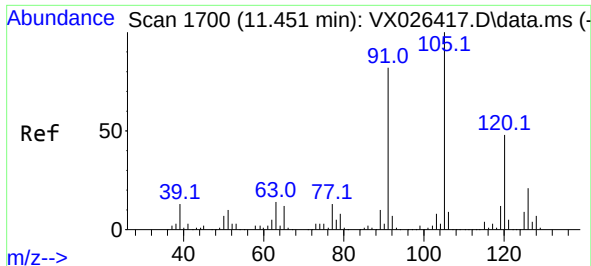
Tgt Ion:105 Resp: 9386
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#78
n-propylbenzene
Concen: 2.685 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

Tgt Ion: 91 Resp: 22638
Ion Ratio Lower Upper
91 100
120 22.5 11.6 34.7

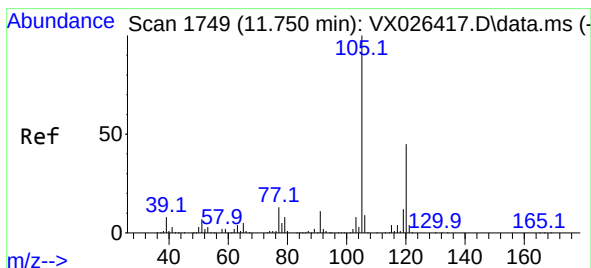
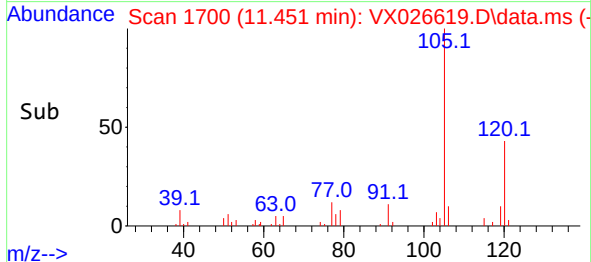
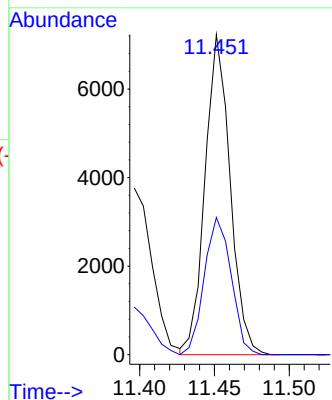
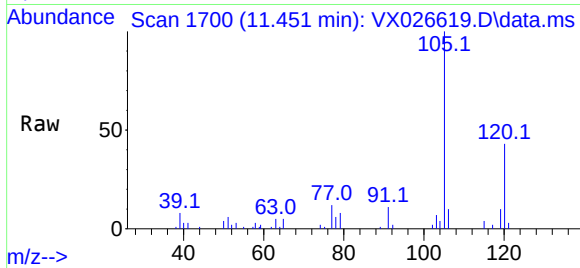




#80
1,3,5-Trimethylbenzene
Concen: 1.383 ug/l
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

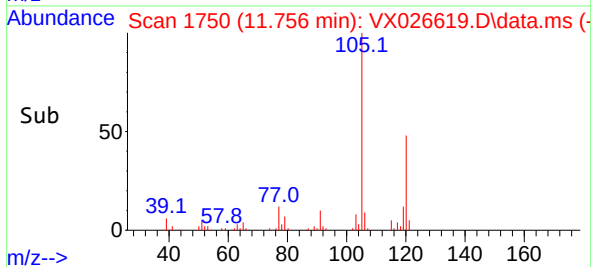
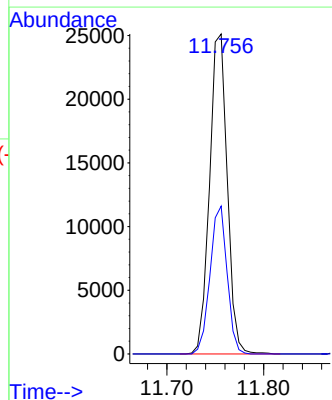
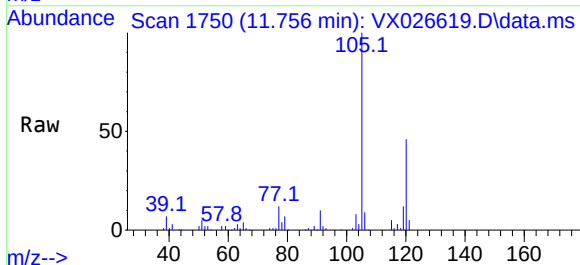
Instrument :
MSVOA_X
ClientSampleId :
MW-5

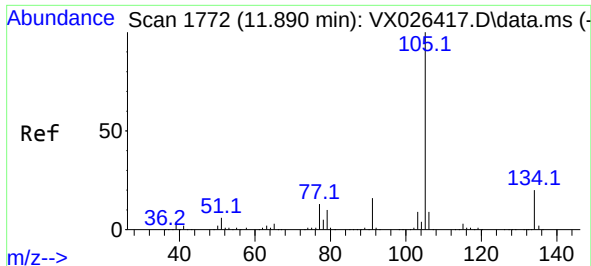
Tgt Ion:105 Resp: 8431
Ion Ratio Lower Upper
105 100
120 45.9 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 5.247 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX026619.D
Acq: 27 Jan 2022 13:13

Tgt Ion:105 Resp: 31991
Ion Ratio Lower Upper
105 100
120 44.5 21.9 65.5

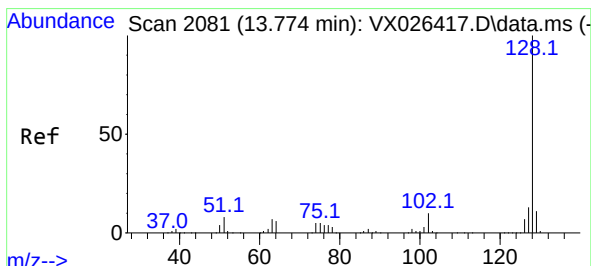
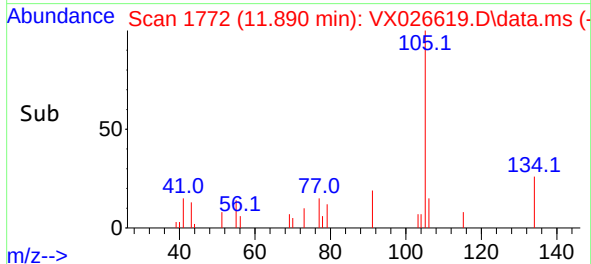
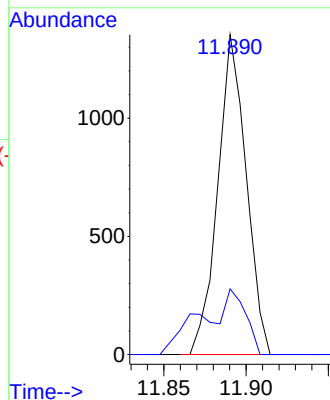
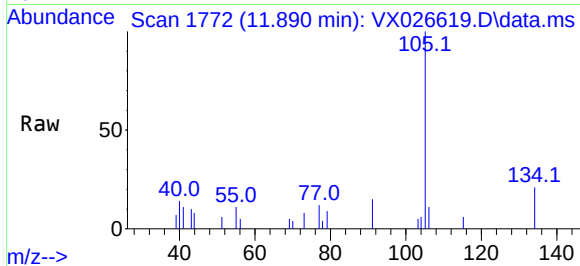




#85
 sec-Butylbenzene
 Concen: 0.221 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026619.D
 Acq: 27 Jan 2022 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Tgt Ion:105 Resp: 1625
 Ion Ratio Lower Upper
 105 100
 134 14.3 10.1 30.1



#95
 Naphthalene
 Concen: 0.831 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX026619.D
 Acq: 27 Jan 2022 13:13

Tgt Ion:128 Resp: 5331
 Ion Ratio Lower Upper
 128 100
 127 12.3 10.3 15.5
 129 11.7 8.7 13.1

