

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027041.D
 Acq On : 15 Feb 2022 20:02
 Operator : JC/MD
 Sample : N1541-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-11

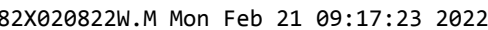
Quant Time: Feb 16 04:09:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

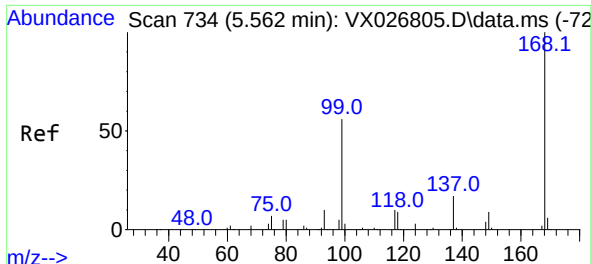
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	114176	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190408	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	71857	52.429	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.860%	
35) Dibromofluoromethane	5.391	113	58686	51.733	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.460%	
50) Toluene-d8	8.653	98	224491	53.911	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 107.820%	
62) 4-Bromofluorobenzene	11.079	95	89536	61.073	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.140%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	260925	215.817	ug/l	99
8) Diethyl Ether	2.136	74	964	1.463	ug/l	99
16) Acetone	2.380	43	7886	13.100	ug/l	92
19) Methyl tert-butyl Ether	3.117	73	140349	33.934	ug/l	100
21) trans-1,2-Dichloroethene	3.099	96	8627	7.016	ug/l	97
22) Diisopropyl ether	3.764	45	1830	0.439	ug/l #	82
27) cis-1,2-Dichloroethene	4.489	96	443704	314.287	ug/l	88
39) Methylcyclohexane	7.385	83	2433	1.109	ug/l	96
40) Benzene	6.044	78	116735	22.381	ug/l	100
52) Toluene	8.720	92	120387	36.456	ug/l	100
64) Tetrachloroethene	9.275	164	664	0.369	ug/l #	82
67) Ethyl Benzene	10.195	91	451082	68.739	ug/l	99
68) m/p-Xylenes	10.305	106	340988	135.056	ug/l	97
69) o-Xylene	10.646	106	354032	143.103	ug/l	97
73) Isopropylbenzene	10.963	105	157353	24.763	ug/l	98
78) n-propylbenzene	11.305	91	397549	56.435	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	1050842	200.936	ug/l	98
83) tert-Butylbenzene	11.719	119	114833	23.038	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	3468363	657.507	ug/l	94
85) sec-Butylbenzene	11.890	105	122236	19.347	ug/l	99
86) p-Isopropyltoluene	12.012	119	157768	29.475	ug/l	98
95) Naphthalene	13.774	128	499427	84.598	ug/l	100

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

Quant Time: Feb 16 04:09:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration

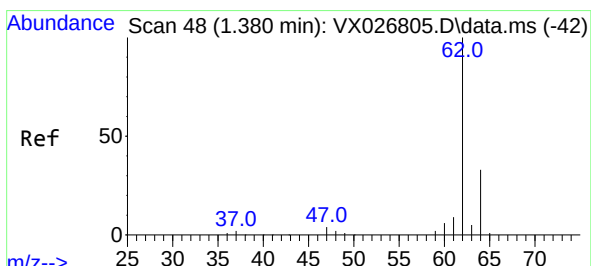
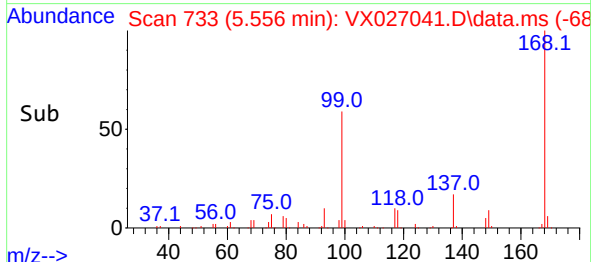
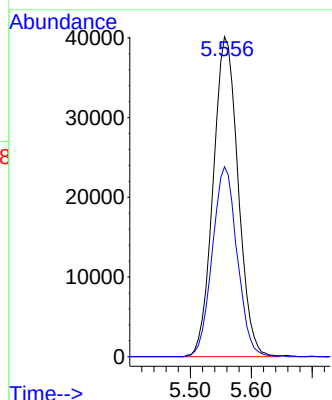
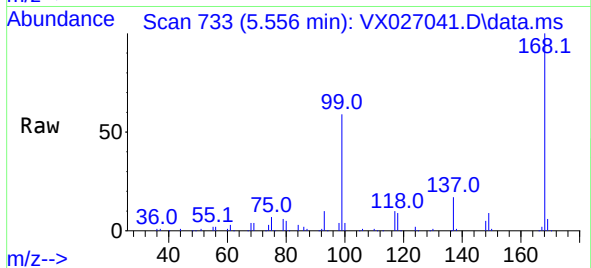




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

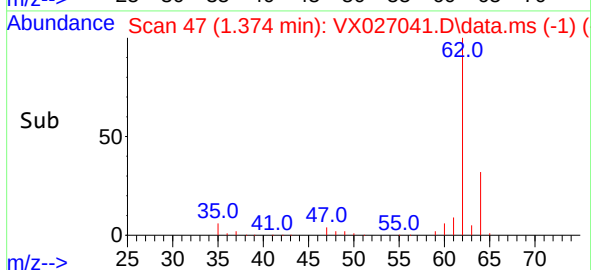
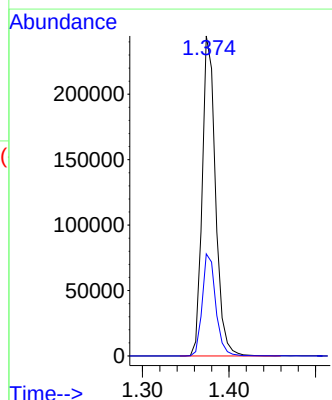
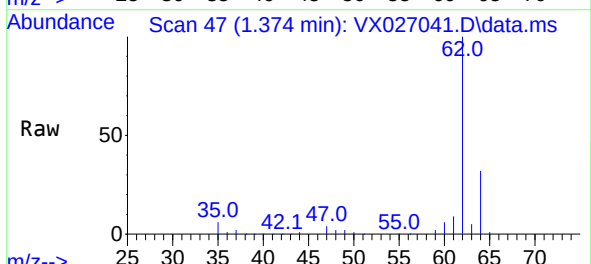
Instrument :
MSVOA_X
ClientSampleId :
MW-11

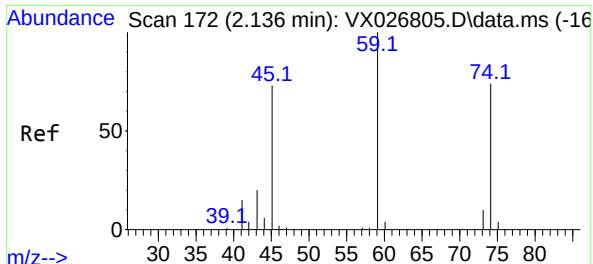
Tgt Ion:168 Resp: 114176
Ion Ratio Lower Upper
168 100
99 59.3 50.3 75.5



#4
Vinyl Chloride
Concen: 215.817 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.006 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion: 62 Resp: 260925
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2

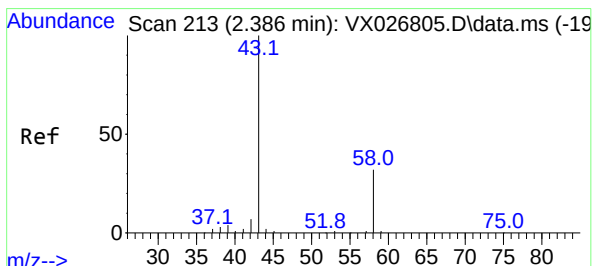
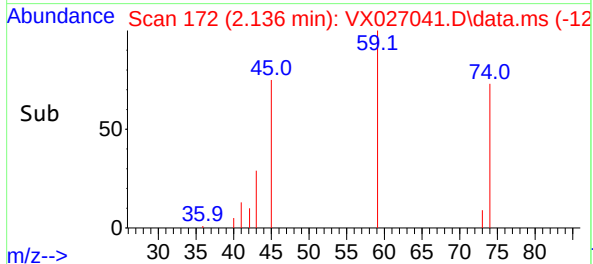
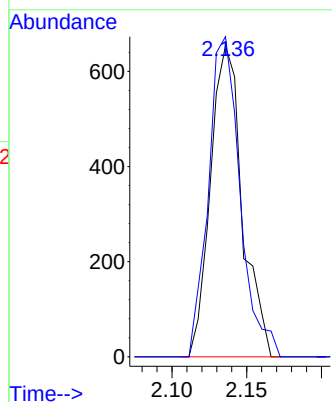
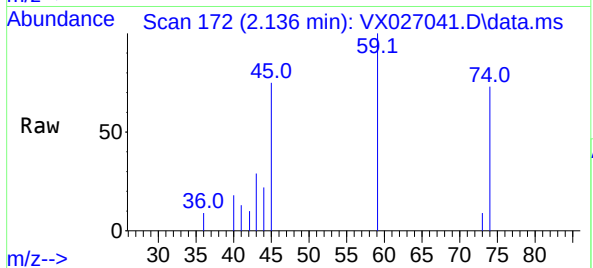




#8
Diethyl Ether
Concen: 1.463 ug/l
RT: 2.136 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

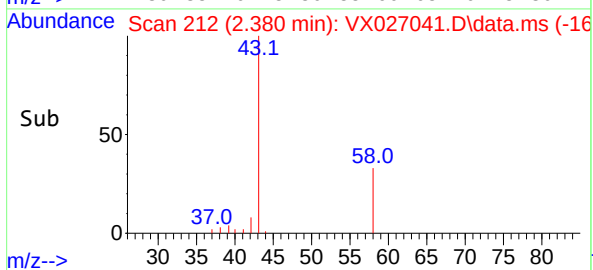
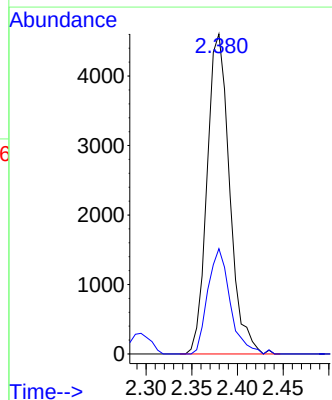
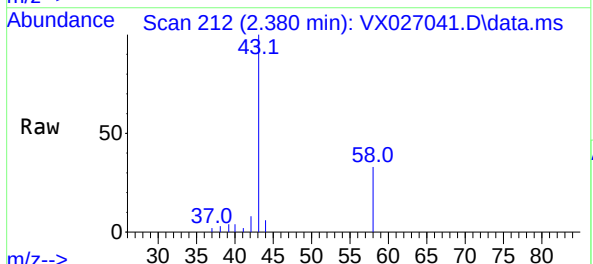
Instrument :
MSVOA_X
ClientSampleId :
MW-11

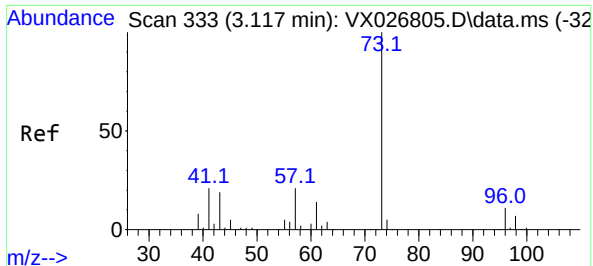
Tgt Ion: 74 Resp: 964
Ion Ratio Lower Upper
74 100
45 102.7 50.7 152.1



#16
Acetone
Concen: 13.100 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion: 43 Resp: 7886
Ion Ratio Lower Upper
43 100
58 32.9 23.0 34.6

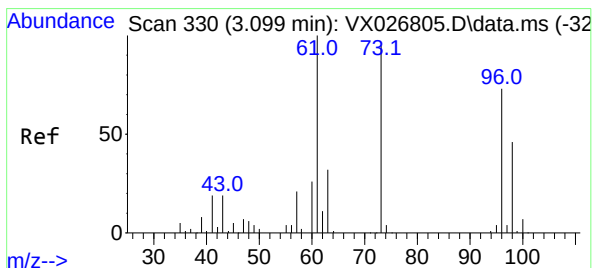
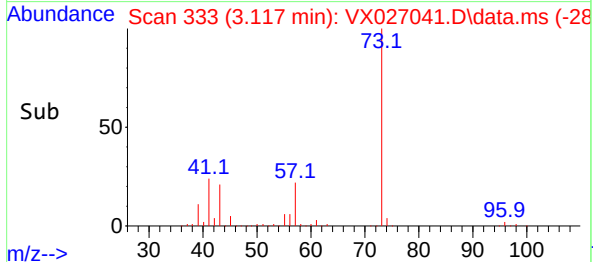
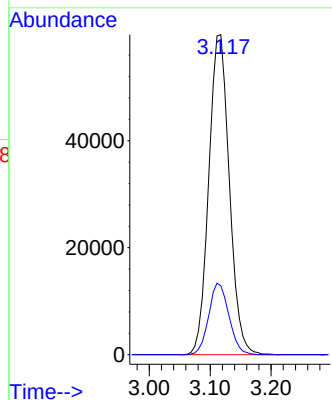
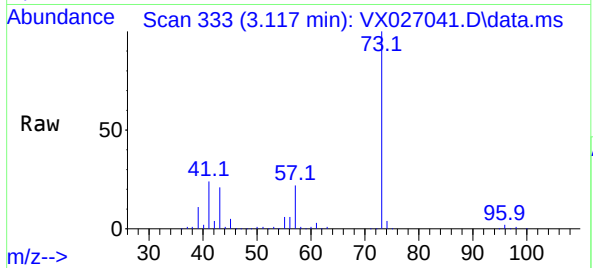




#19
Methyl tert-butyl Ether
Concen: 33.934 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

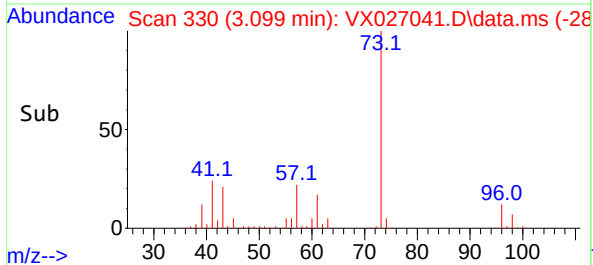
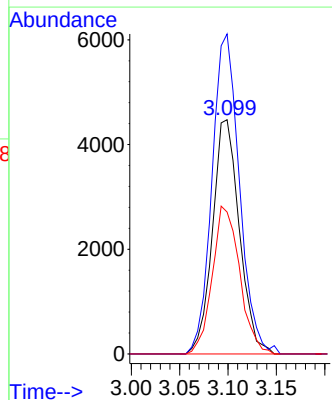
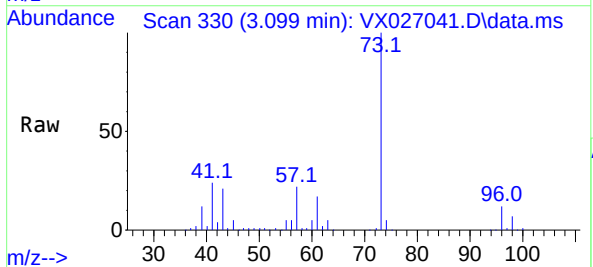
Instrument :
MSVOA_X
ClientSampleId :
MW-11

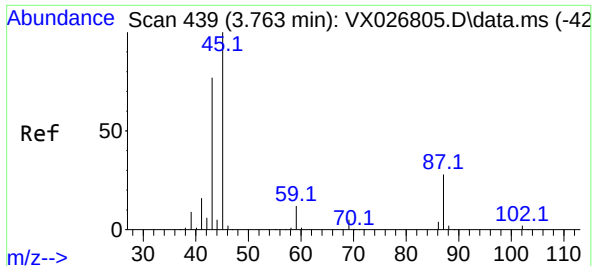
Tgt Ion: 73 Resp: 140349
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2



#21
trans-1,2-Dichloroethene
Concen: 7.016 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion: 96 Resp: 8627
Ion Ratio Lower Upper
96 100
61 136.6 112.9 169.3
98 60.6 49.5 74.3



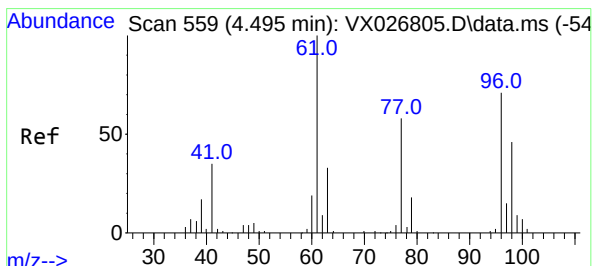
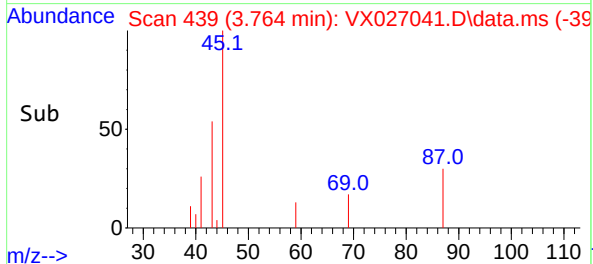
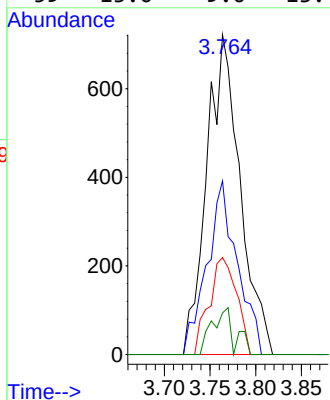
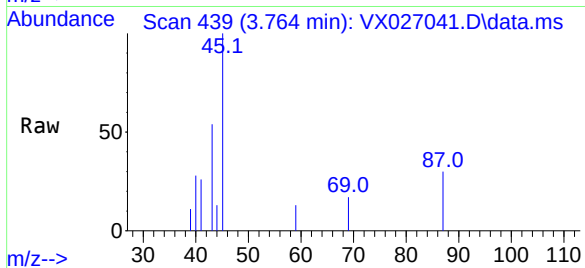


#22
Diisopropyl ether
Concen: 0.439 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Tgt Ion: 45 Resp: 1830

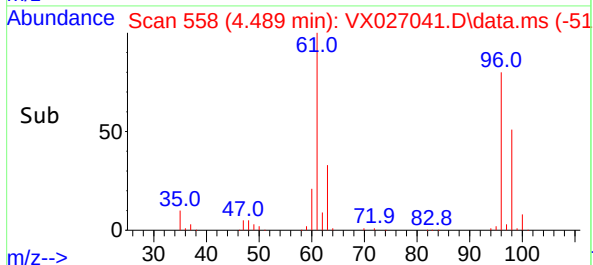
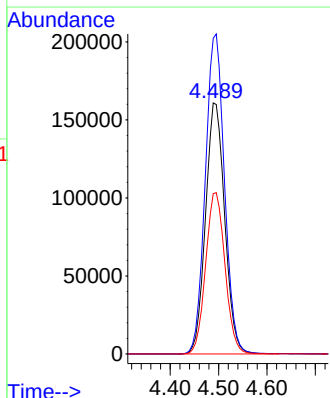
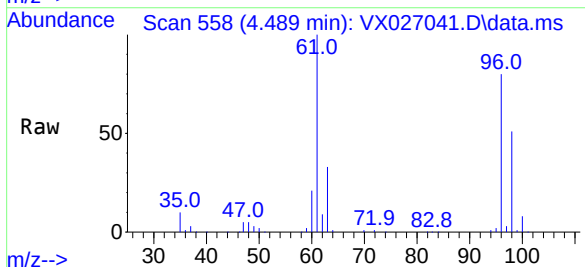
Ion	Ratio	Lower	Upper
45	100		
43	54.3	60.6	91.0#
87	30.3	22.0	33.0
59	13.0	9.0	13.4

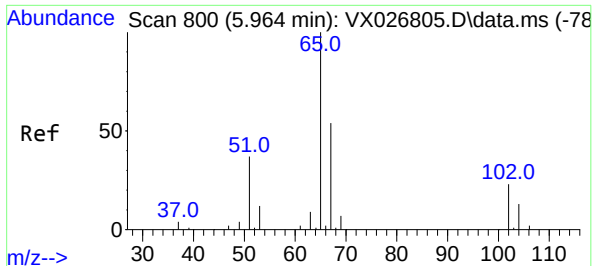


#27
cis-1,2-Dichloroethene
Concen: 314.287 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion: 96 Resp: 443704

Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	296.6
98	64.9	0.0	128.8





#33

1,2-Dichloroethane-d4

Concen: 52.429 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027041.D

Acq: 15 Feb 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

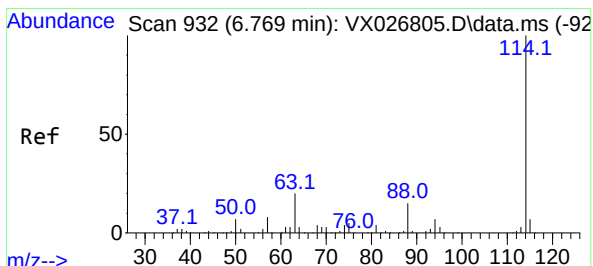
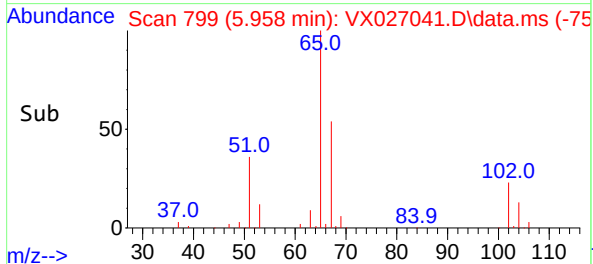
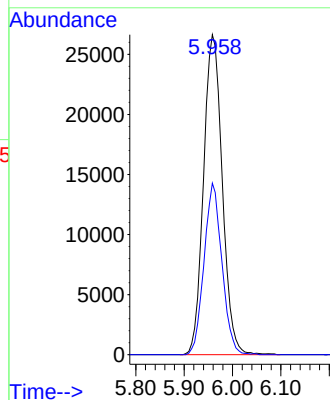
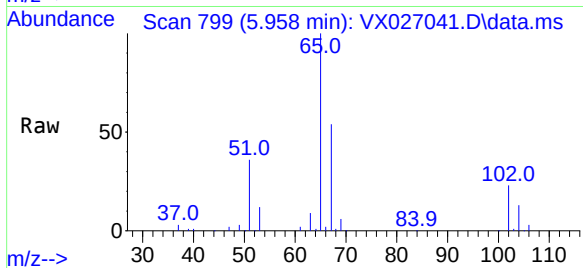
MW-11

Tgt Ion: 65 Resp: 71857

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027041.D

Acq: 15 Feb 2022 20:02

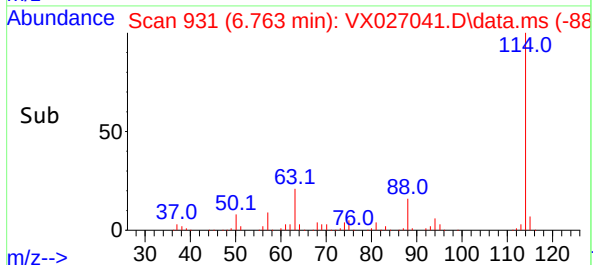
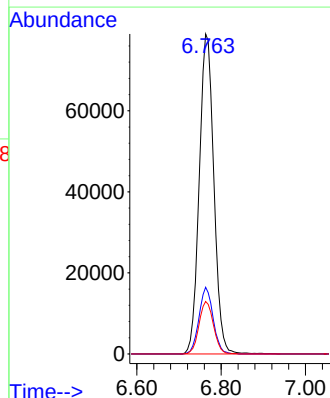
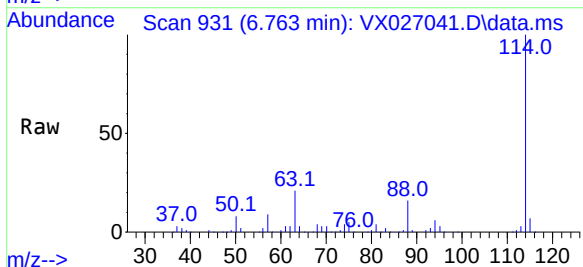
Tgt Ion: 114 Resp: 190408

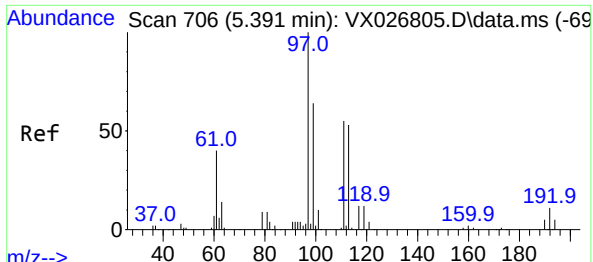
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.8

88 16.4 0.0 33.0

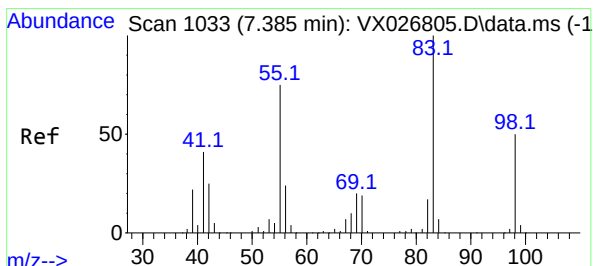
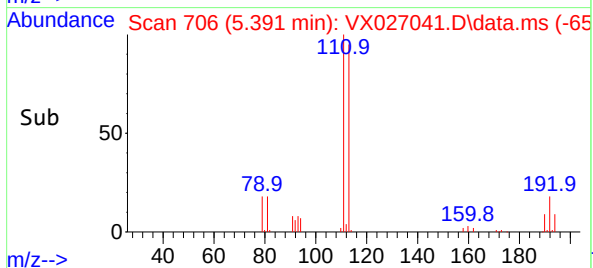
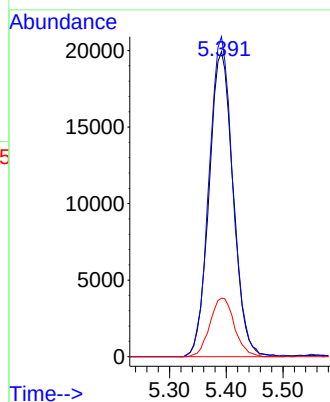
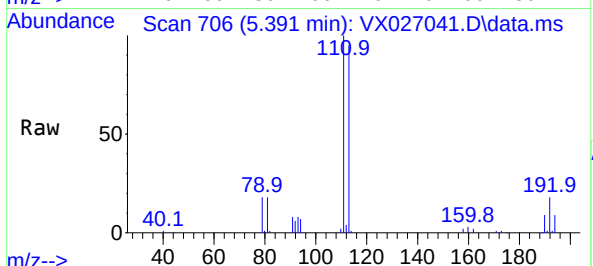




#35
Dibromofluoromethane
Concen: 51.733 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

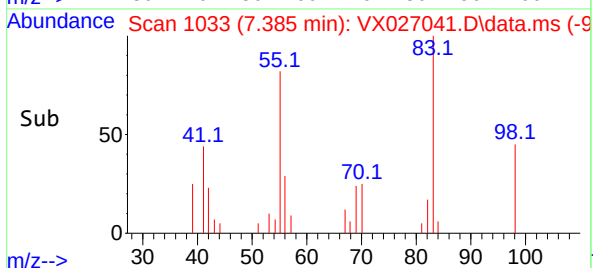
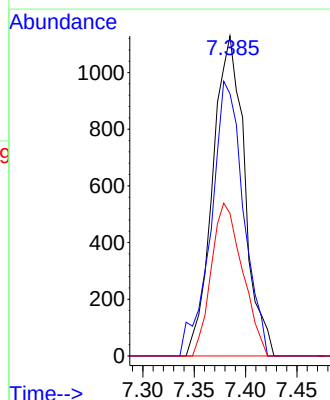
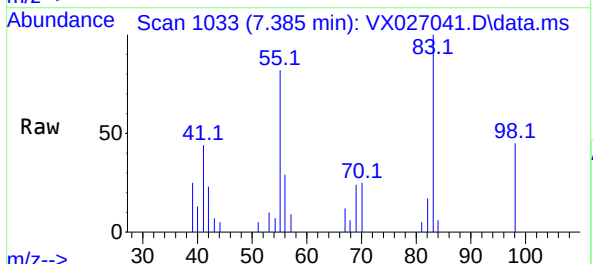
Instrument :
MSVOA_X
ClientSampleId :
MW-11

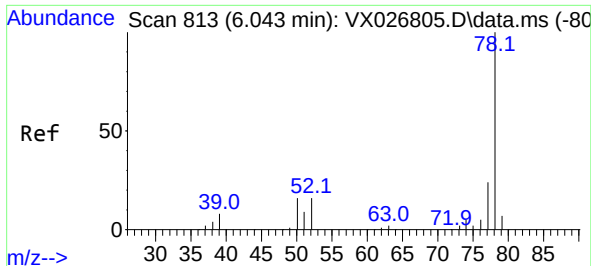
Tgt Ion:113 Resp: 58686
Ion Ratio Lower Upper
113 100
111 103.7 81.2 121.8
192 19.6 15.0 22.4



#39
Methylcyclohexane
Concen: 1.109 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion: 83 Resp: 2433
Ion Ratio Lower Upper
83 100
55 81.9 63.6 95.4
98 44.6 38.4 57.6

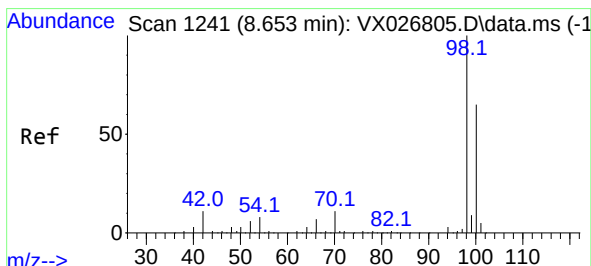
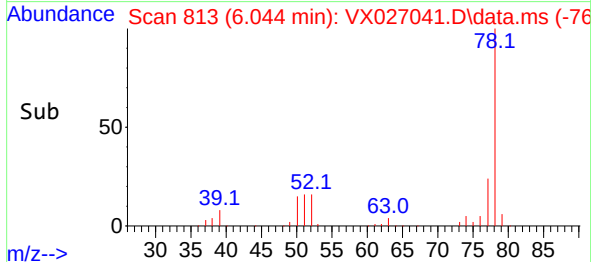
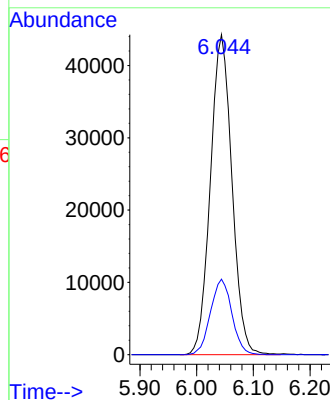
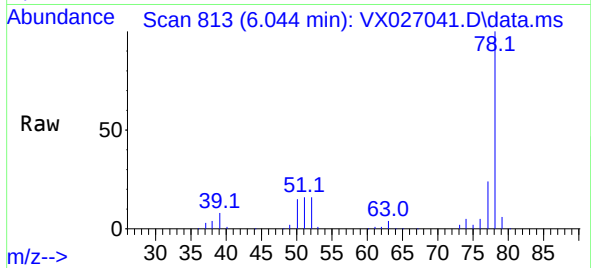




#40
Benzene
Concen: 22.381 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

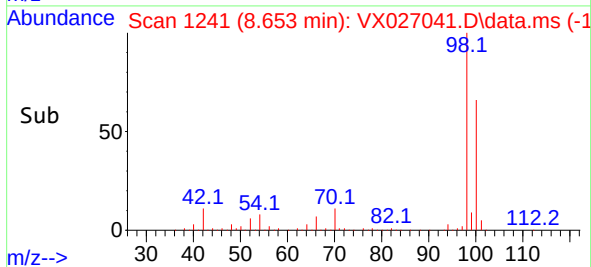
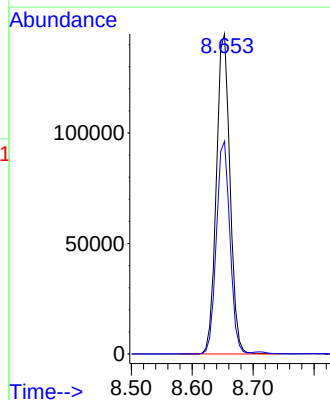
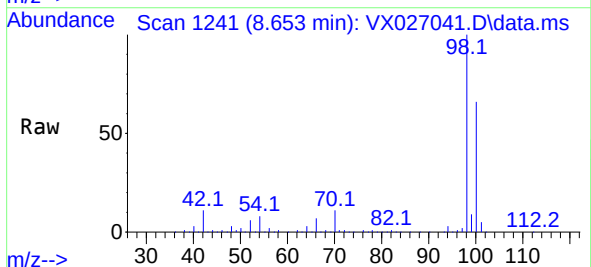
Instrument :
MSVOA_X
ClientSampleId :
MW-11

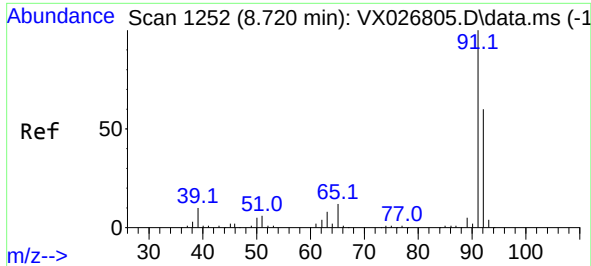
Tgt Ion: 78 Resp: 116735
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



#50
Toluene-d8
Concen: 53.911 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion: 98 Resp: 224491
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

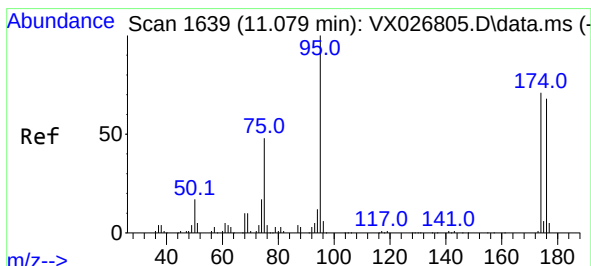
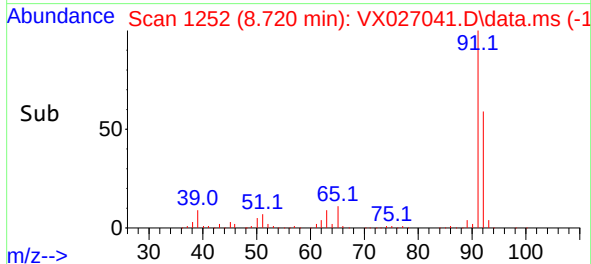
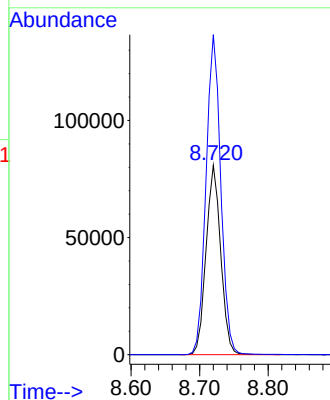
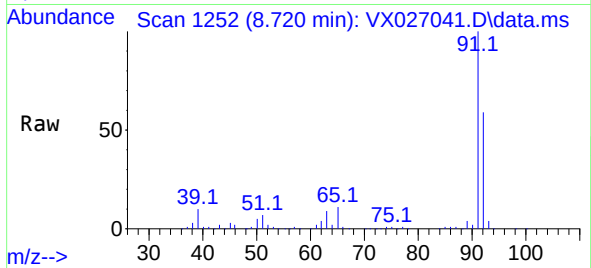




#52
Toluene
Concen: 36.456 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

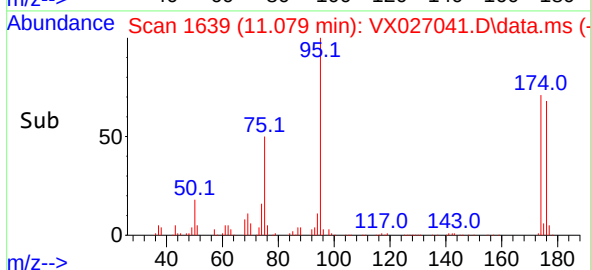
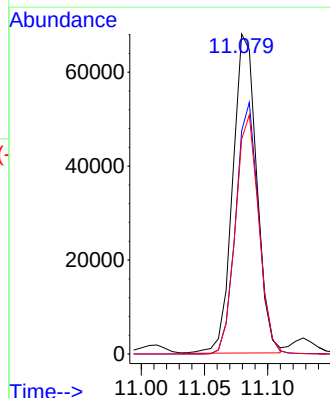
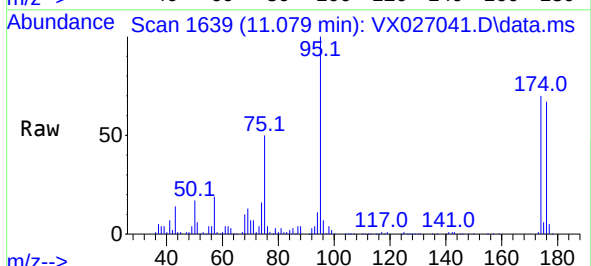
Instrument :
MSVOA_X
ClientSampleId :
MW-11

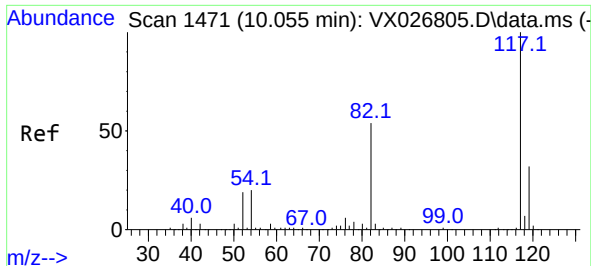
Tgt Ion: 92 Resp: 120387
Ion Ratio Lower Upper
92 100
91 170.1 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 61.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion: 95 Resp: 89536
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.6
176 72.7 0.0 141.4

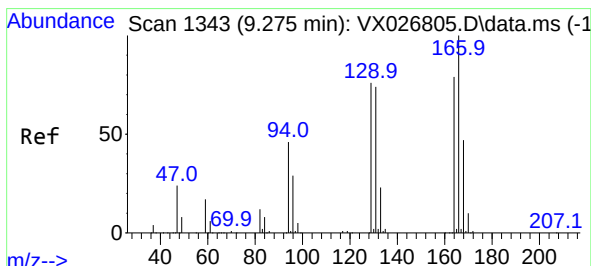
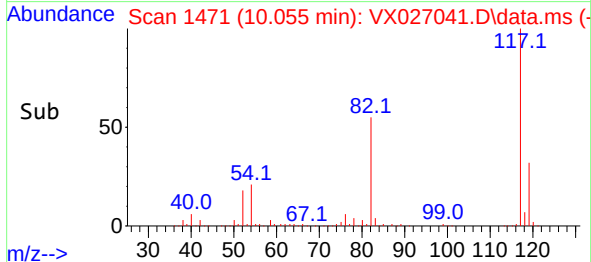
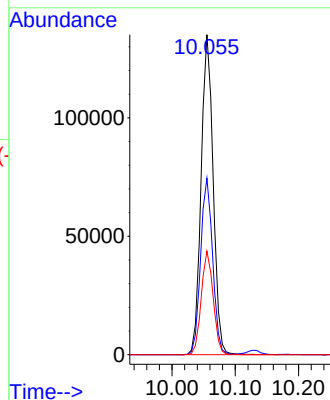
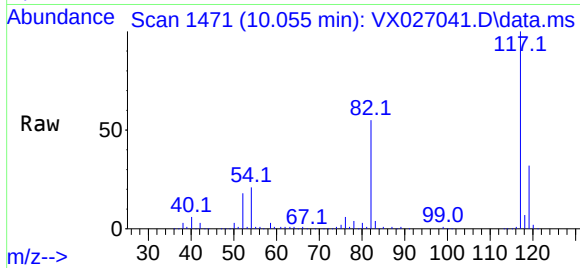




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

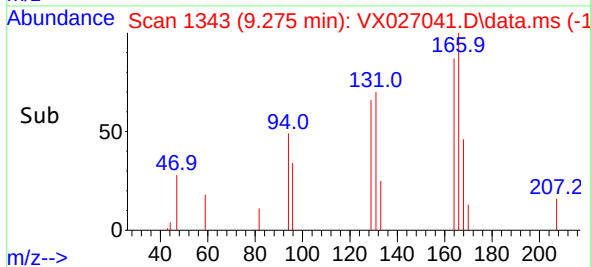
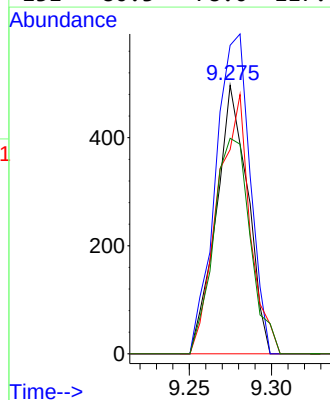
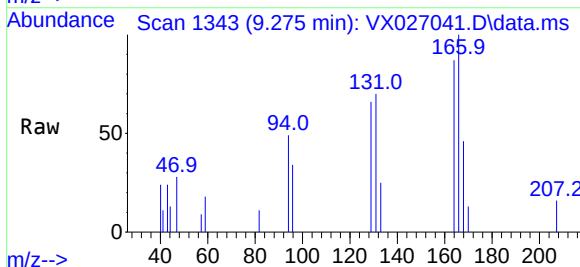
Instrument :
MSVOA_X
ClientSampleId :
MW-11

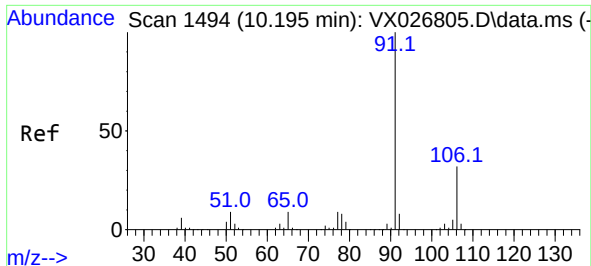
Tgt Ion:117 Resp: 179281
Ion Ratio Lower Upper
117 100
82 55.2 45.2 67.8
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 0.369 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion:164 Resp: 664
Ion Ratio Lower Upper
164 100
166 114.9 101.8 152.6
129 76.1 83.3 124.9#
131 80.3 78.0 117.0





#67

Ethyl Benzene

Concen: 68.739 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027041.D

Acq: 15 Feb 2022 20:02

Instrument :

MSVOA_X

ClientSampleId :

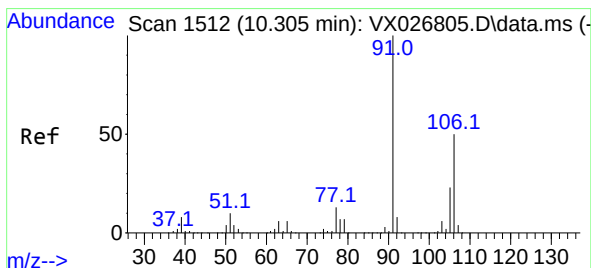
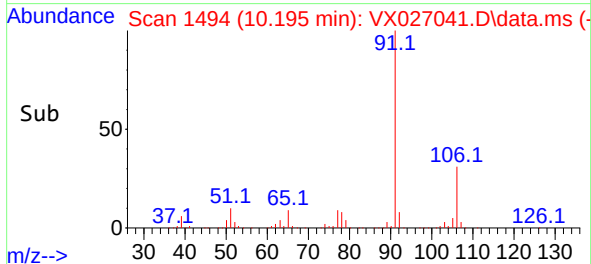
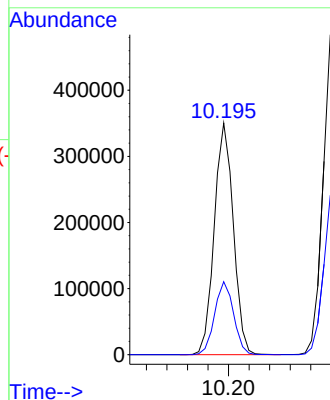
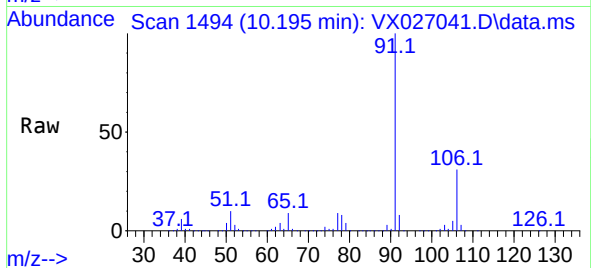
MW-11

Tgt Ion: 91 Resp: 451082

Ion Ratio Lower Upper

91 100

106 31.5 24.7 37.1



#68

m/p-Xylenes

Concen: 135.056 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027041.D

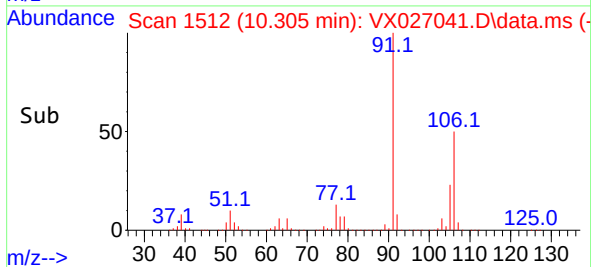
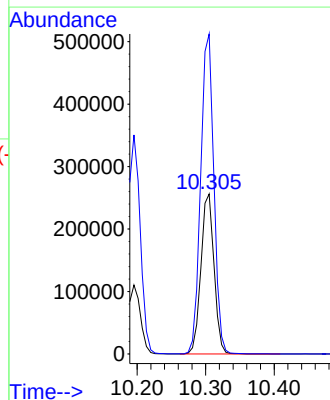
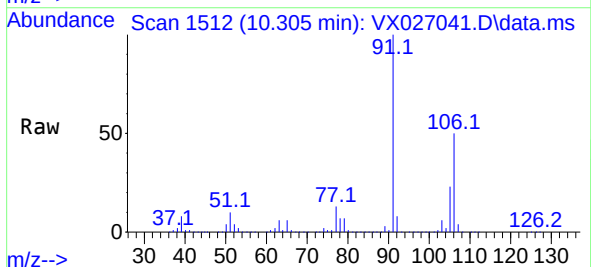
Acq: 15 Feb 2022 20:02

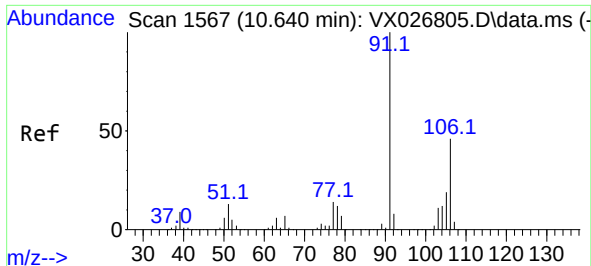
Tgt Ion:106 Resp: 340988

Ion Ratio Lower Upper

106 100

91 201.6 165.3 247.9

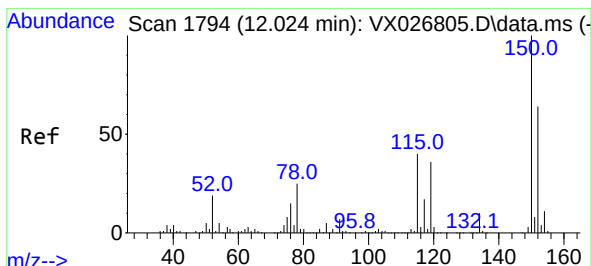
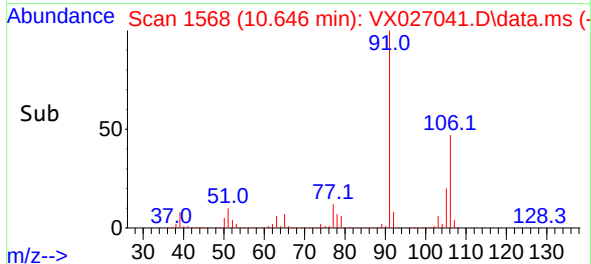
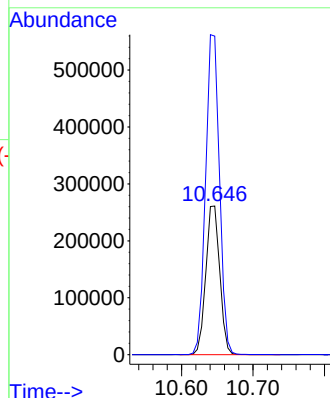
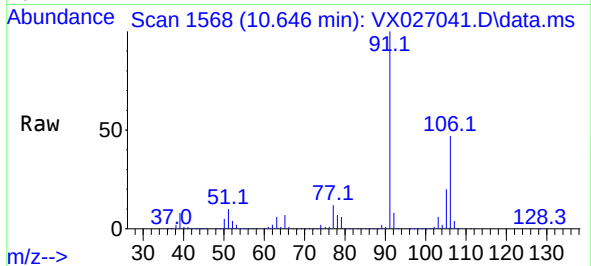




#69
o-Xylene
Concen: 143.103 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

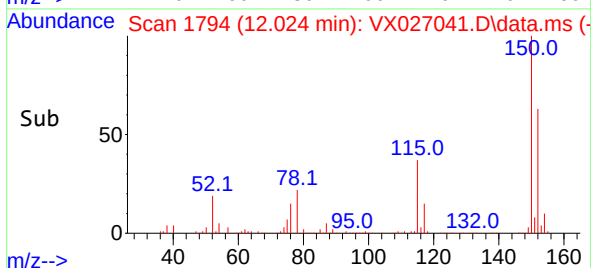
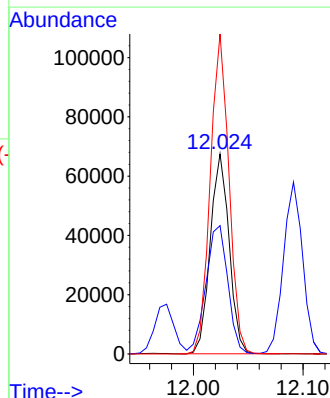
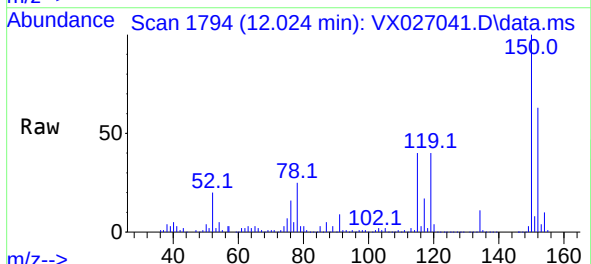
Instrument :
MSVOA_X
ClientSampleId :
MW-11

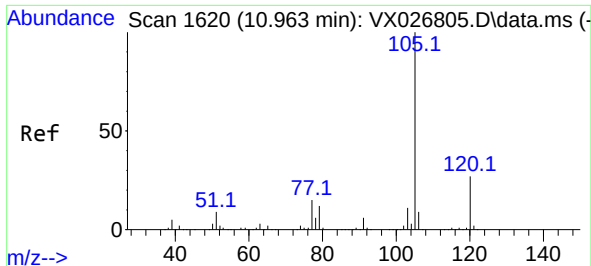
Tgt Ion:106 Resp: 354032
Ion Ratio Lower Upper
106 100
91 214.7 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion:152 Resp: 80671
Ion Ratio Lower Upper
152 100
115 74.2 44.2 132.6
150 158.4 0.0 348.2

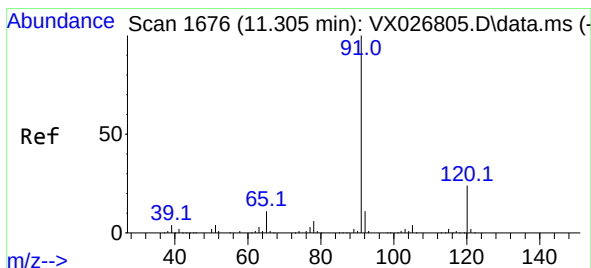
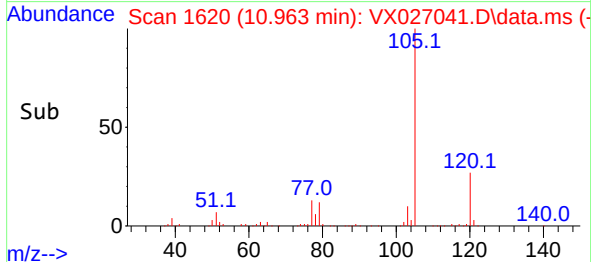
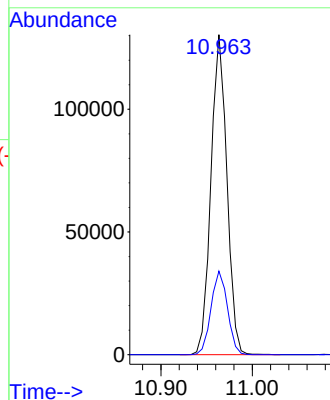
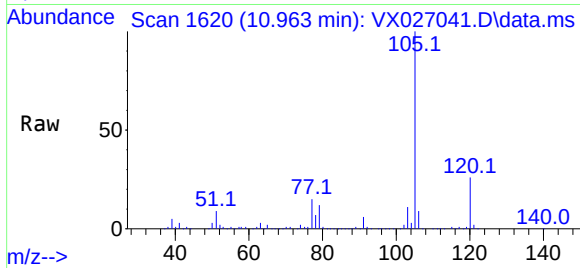




#73
Isopropylbenzene
Concen: 24.763 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

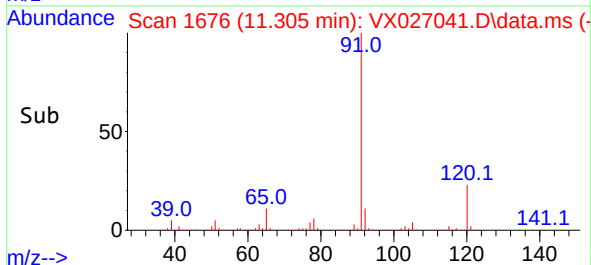
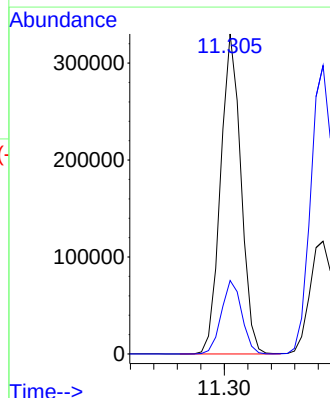
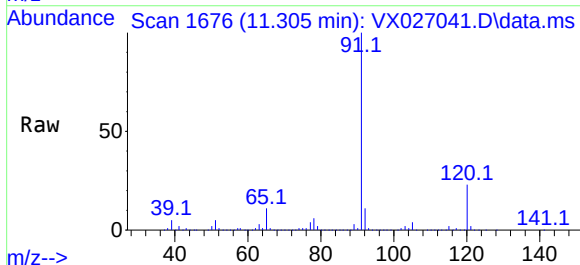
Instrument :
MSVOA_X
ClientSampleId :
MW-11

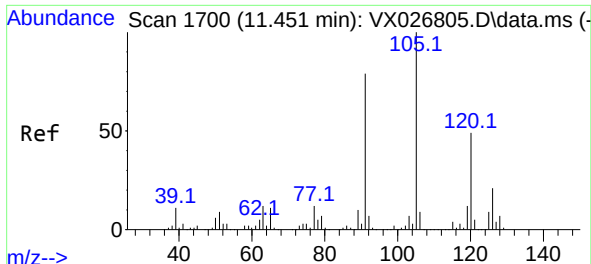
Tgt Ion:105 Resp: 157353
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1



#78
n-propylbenzene
Concen: 56.435 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion: 91 Resp: 397549
Ion Ratio Lower Upper
91 100
120 23.0 11.6 34.7

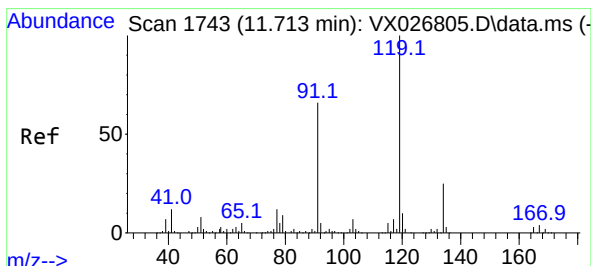
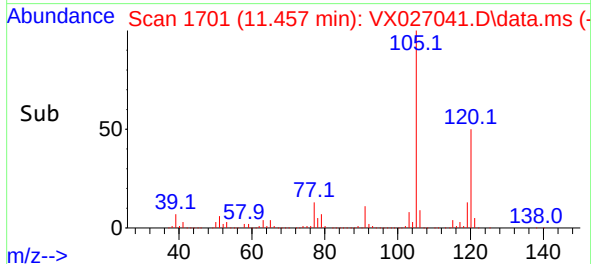
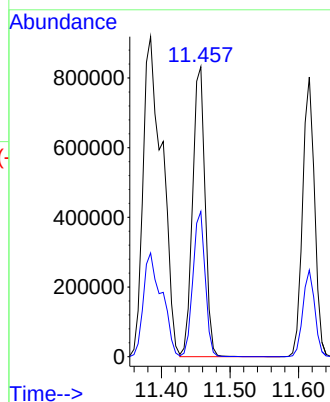
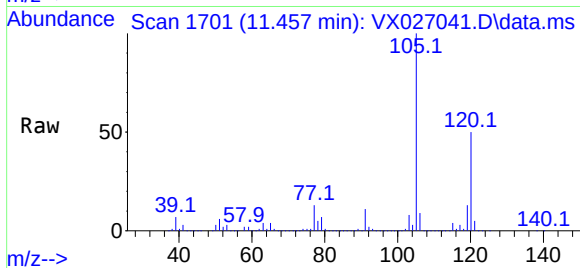




#80
1,3,5-Trimethylbenzene
Concen: 200.936 ug/l
RT: 11.457 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

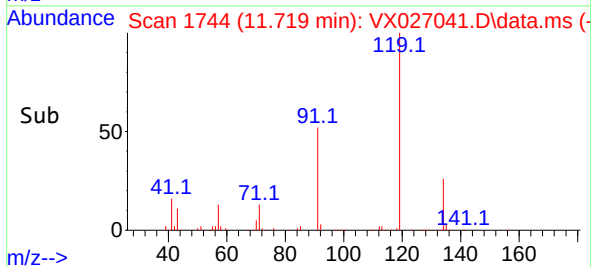
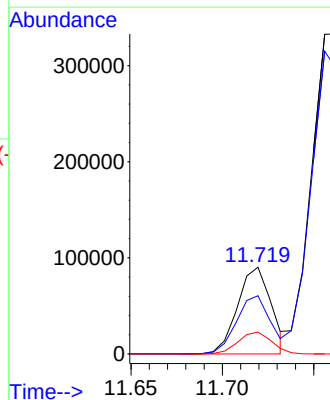
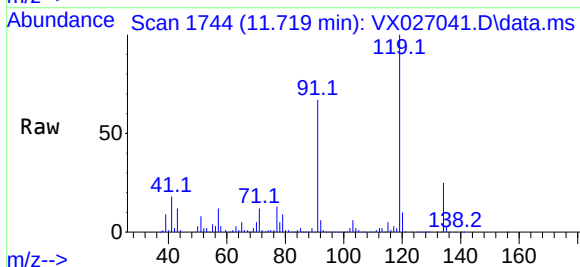
Instrument :
MSVOA_X
ClientSampleId :
MW-11

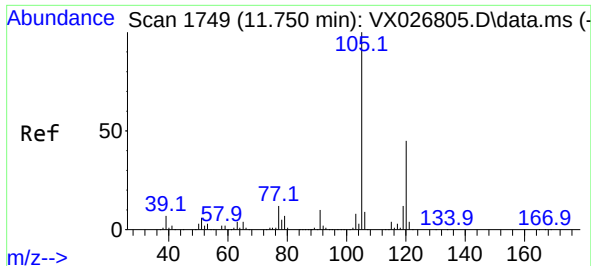
Tgt Ion:105 Resp: 1050842
Ion Ratio Lower Upper
105 100
120 49.2 24.0 72.0



#83
tert-Butylbenzene
Concen: 23.038 ug/l
RT: 11.719 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion:119 Resp: 114833
Ion Ratio Lower Upper
119 100
91 68.1 31.4 94.0
134 25.4 11.8 35.3

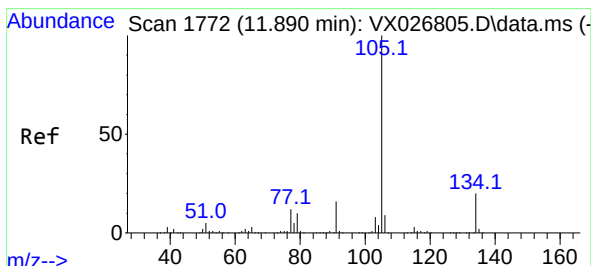
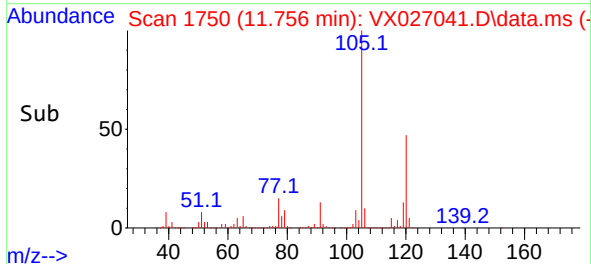
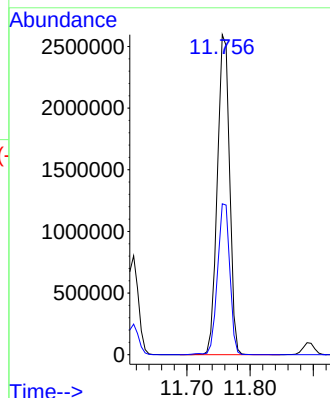
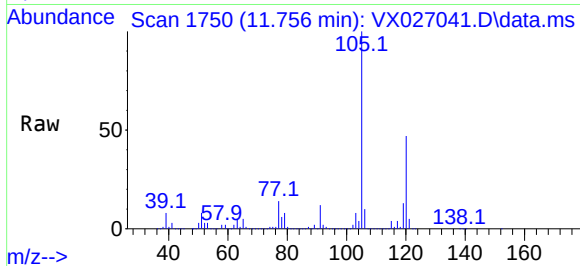




#84
1,2,4-Trimethylbenzene
Concen: 657.507 ug/l
RT: 11.756 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

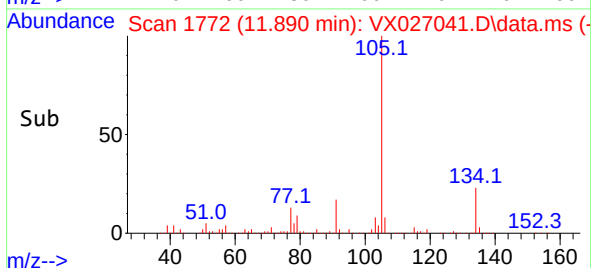
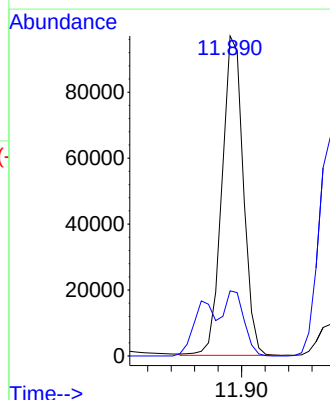
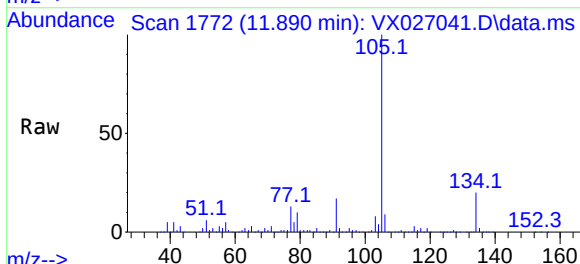
Instrument :
MSVOA_X
ClientSampleId :
MW-11

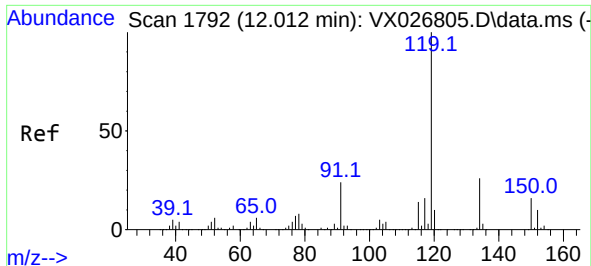
Tgt Ion:105 Resp: 3468363
Ion Ratio Lower Upper
105 100
120 47.5 21.9 65.5



#85
sec-Butylbenzene
Concen: 19.347 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion:105 Resp: 122236
Ion Ratio Lower Upper
105 100
134 19.7 10.1 30.1

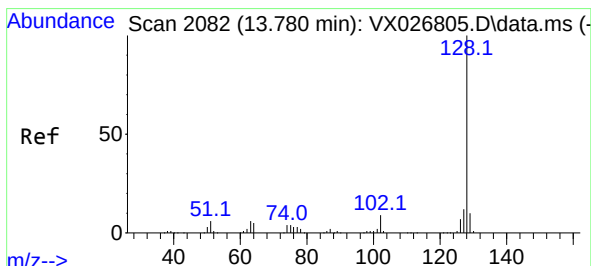
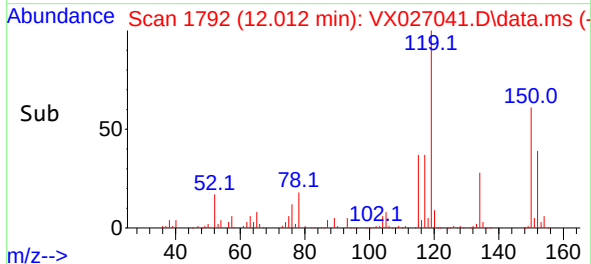
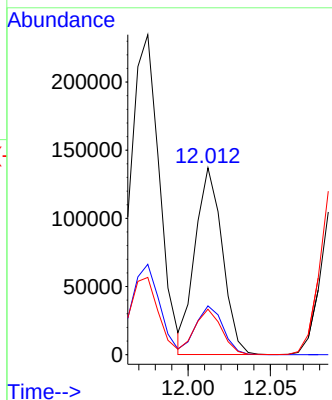
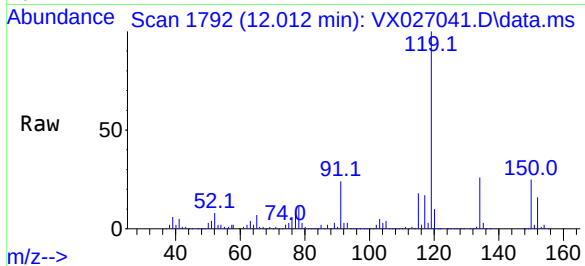




#86
p-Isopropyltoluene
Concen: 29.475 ug/l
RT: 12.012 min Scan# 119
Delta R.T. 0.000 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Instrument :
MSVOA_X
ClientSampleId :
MW-11

Tgt Ion:119 Resp: 157768
Ion Ratio Lower Upper
119 100
134 26.5 13.0 39.0
91 24.0 12.6 37.6



#95
Naphthalene
Concen: 84.598 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027041.D
Acq: 15 Feb 2022 20:02

Tgt Ion:128 Resp: 499427
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.7 13.1

