

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027224.D
 Acq On : 28 Feb 2022 16:49
 Operator : JC/MD
 Sample : N1688-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27

Quant Time: Mar 01 00:44:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

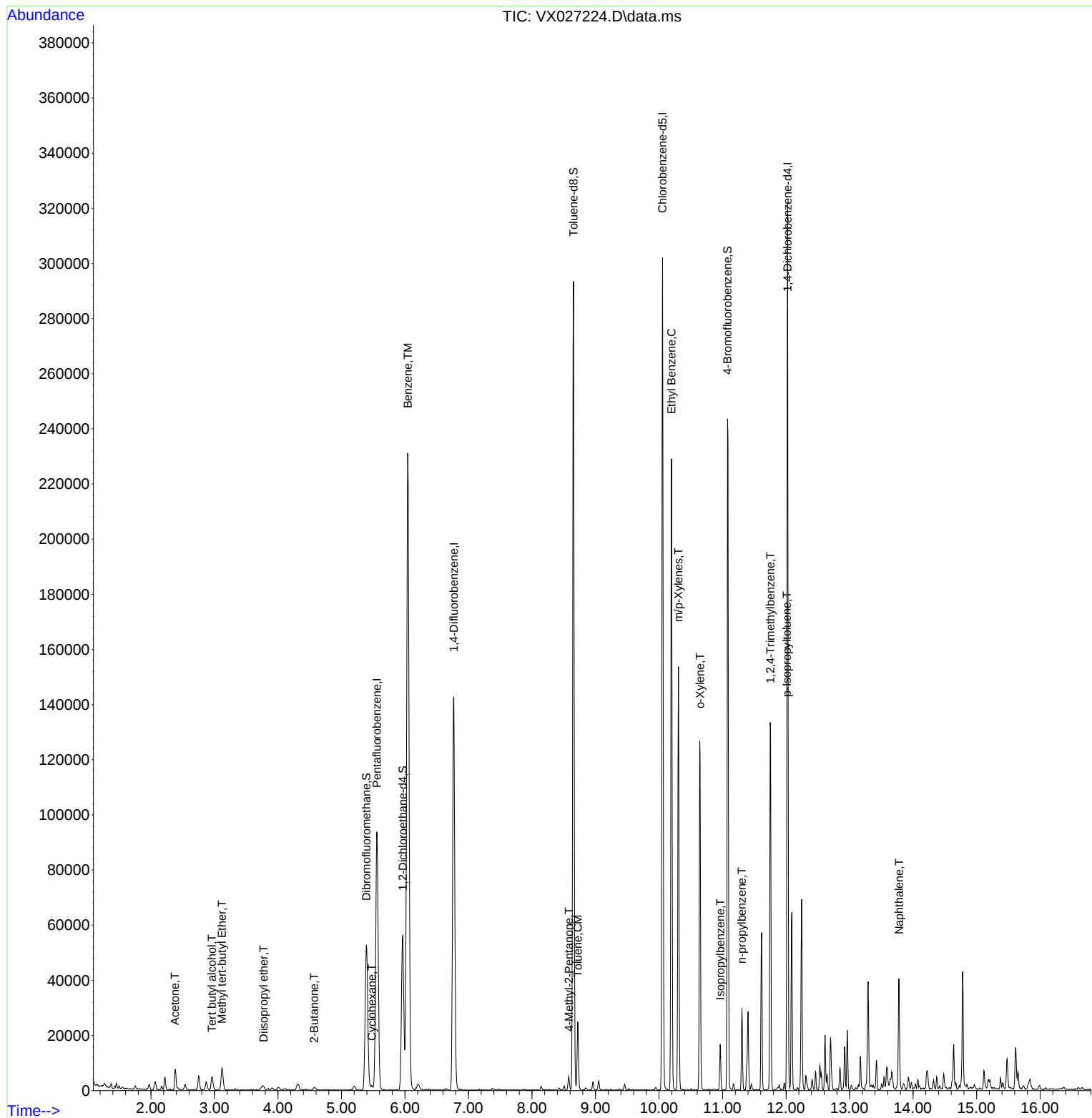
Internal Standards						
1) Pentafluorobenzene	5.556	168	91442	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	152595	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	138216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54099	49.260	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.520%		
35) Dibromofluoromethane	5.391	113	47108	49.735	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.460%		
50) Toluene-d8	8.653	98	173813	49.077	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.160%		
62) 4-Bromofluorobenzene	11.079	95	67089	49.350	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.700%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.959	59	5670	26.535	ug/l	97
16) Acetone	2.380	43	8080	16.757	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	8835	2.892	ug/l	97
22) Diisopropyl ether	3.776	45	1583	0.518	ug/l #	84
25) 2-Butanone	4.568	43	2289	2.981	ug/l	99
31) Cyclohexane	5.477	56	997	0.606	ug/l	97
40) Benzene	6.043	78	284197	70.303	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	3135	2.066	ug/l	97
52) Toluene	8.720	92	9462	3.655	ug/l	98
67) Ethyl Benzene	10.195	91	131194	26.525	ug/l	99
68) m/p-Xylenes	10.305	106	34685	18.241	ug/l	94
69) o-Xylene	10.646	106	28514	14.941	ug/l	96
73) Isopropylbenzene	10.963	105	8468	1.819	ug/l	99
78) n-propylbenzene	11.305	91	17906	3.385	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	59975	15.406	ug/l	97
86) p-Isopropyltoluene	12.012	119	953	0.234	ug/l #	84
95) Naphthalene	13.780	128	26835	5.871	ug/l	99

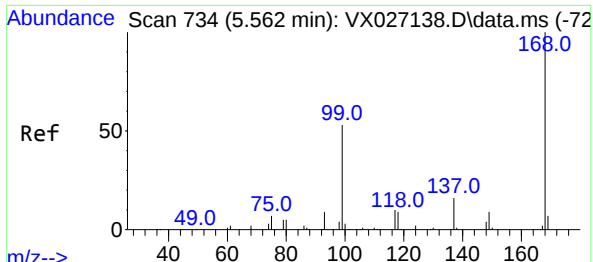
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration

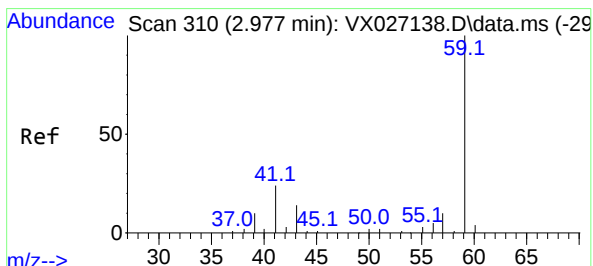
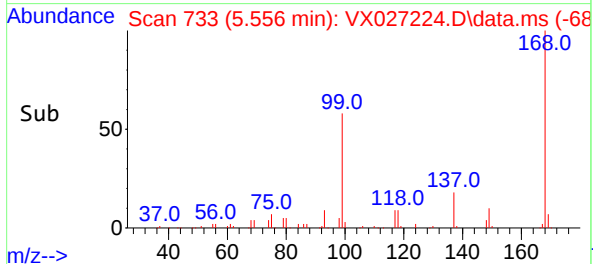
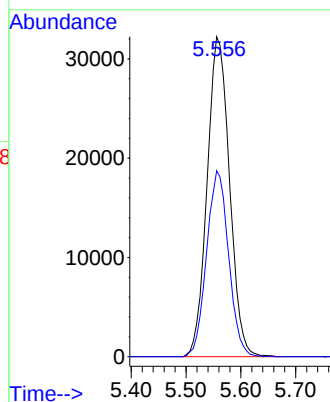
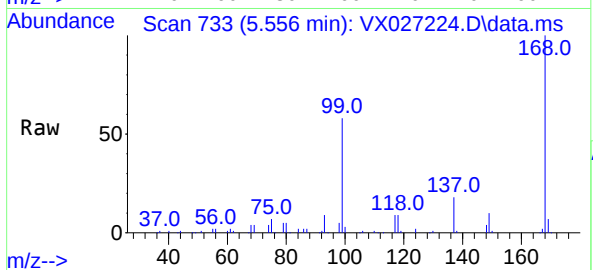




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

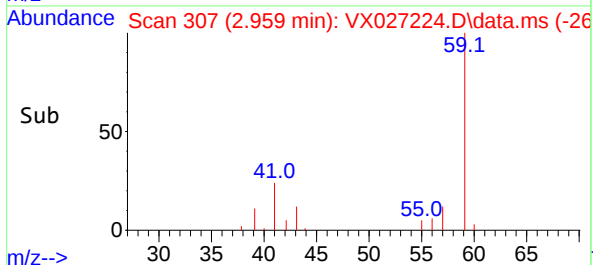
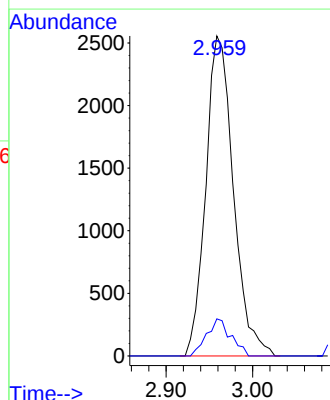
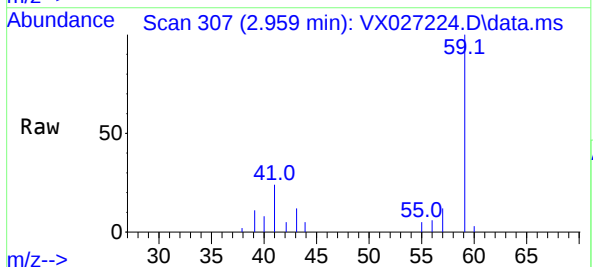
Instrument :
MSVOA_X
ClientSampleId :
MW-27

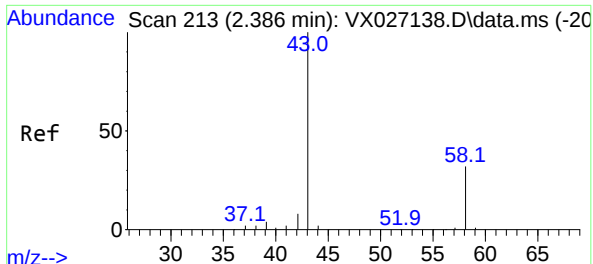
Tgt Ion:168 Resp: 91442
Ion Ratio Lower Upper
168 100
99 58.1 50.3 75.5



#11
Tert butyl alcohol
Concen: 26.535 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Tgt Ion: 59 Resp: 5670
Ion Ratio Lower Upper
59 100
57 10.1 7.2 10.8

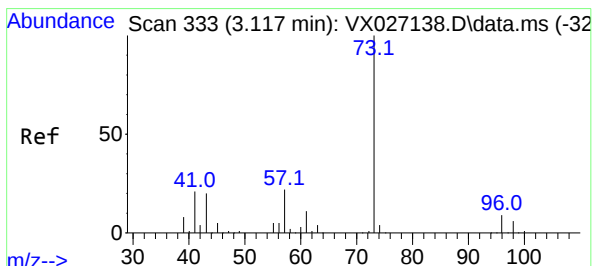
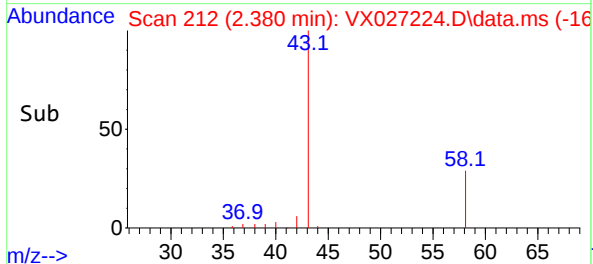
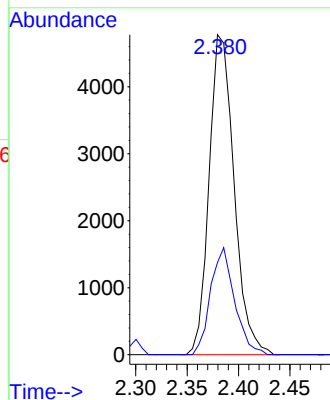
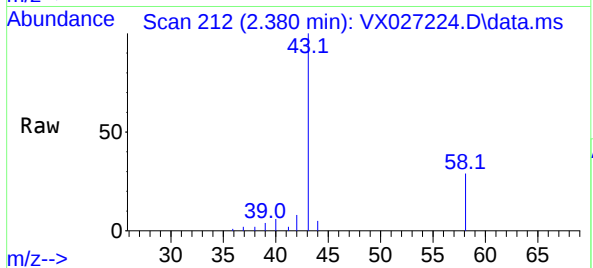




#16
Acetone
Concen: 16.757 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

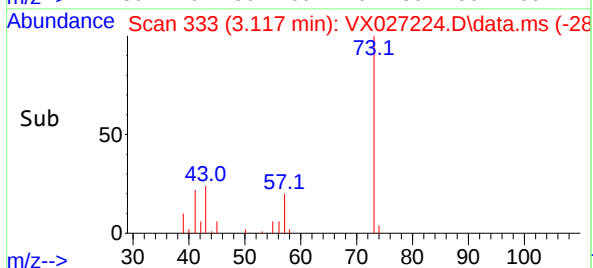
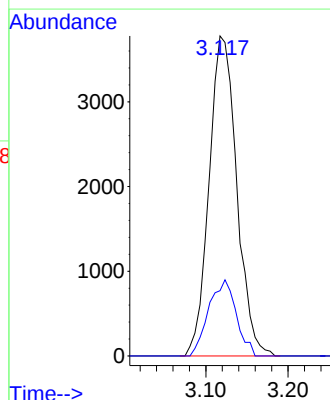
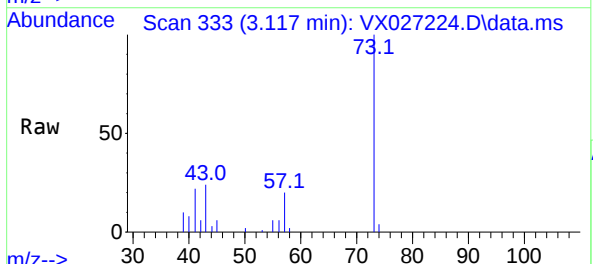
Instrument :
MSVOA_X
ClientSampleId :
MW-27

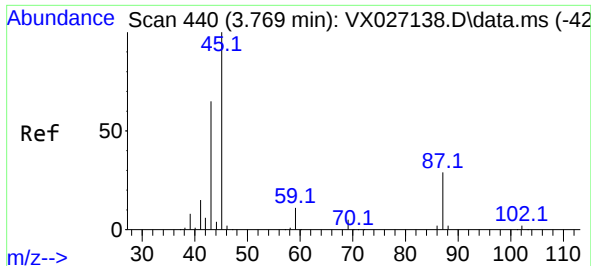
Tgt Ion: 43 Resp: 8080
Ion Ratio Lower Upper
43 100
58 28.8 23.0 34.6



#19
Methyl tert-butyl Ether
Concen: 2.892 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Tgt Ion: 73 Resp: 8835
Ion Ratio Lower Upper
73 100
57 20.4 17.4 26.2



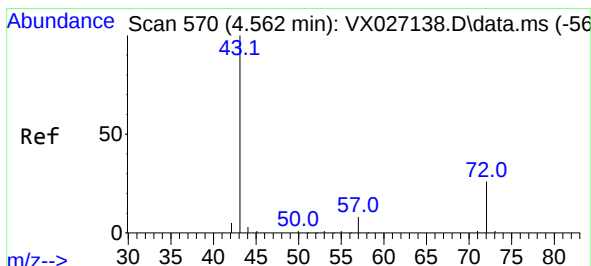
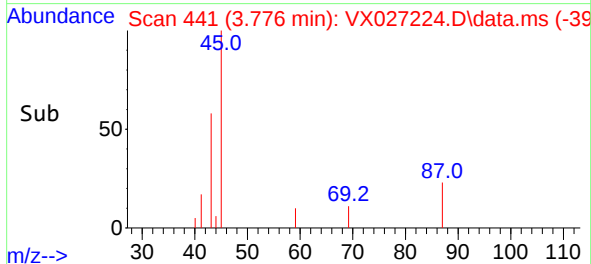
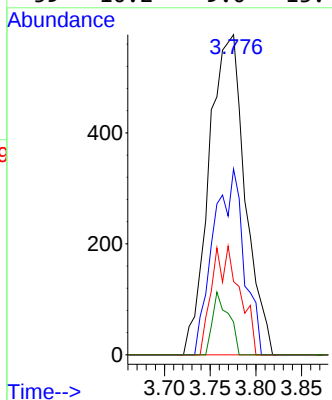
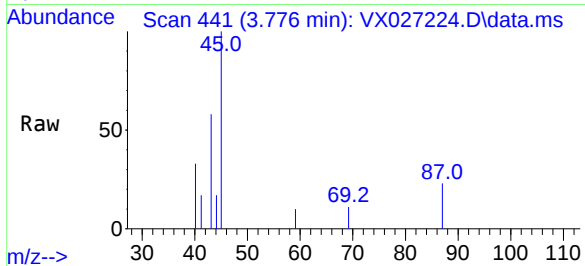


#22
Diisopropyl ether
Concen: 0.518 ug/l
RT: 3.776 min Scan# 441
Delta R.T. 0.007 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tgt Ion: 45 Resp: 1583

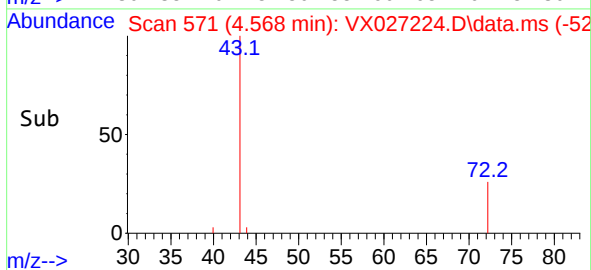
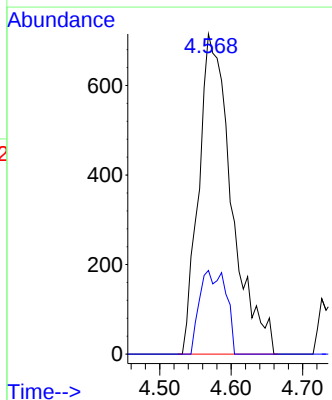
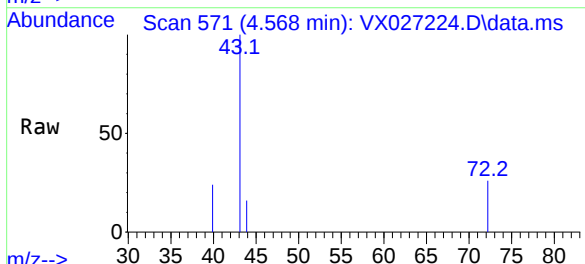
Ion	Ratio	Lower	Upper
45	100		
43	58.1	60.6	91.0#
87	22.9	22.0	33.0
59	10.2	9.0	13.4

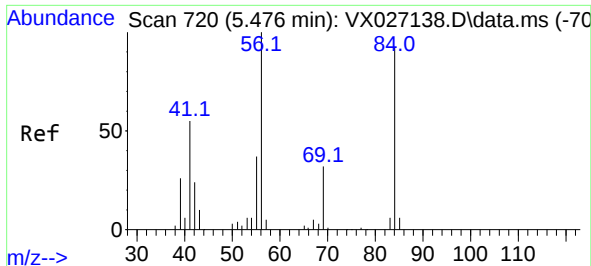


#25
2-Butanone
Concen: 2.981 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Tgt Ion: 43 Resp: 2289

Ion	Ratio	Lower	Upper
43	100		
72	26.2	20.4	30.6

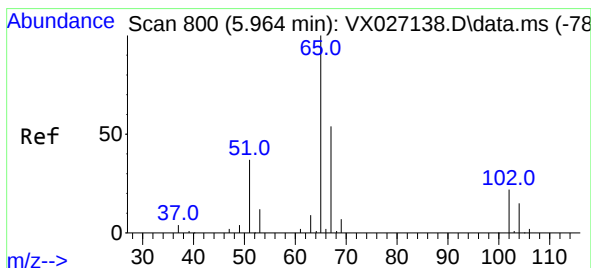
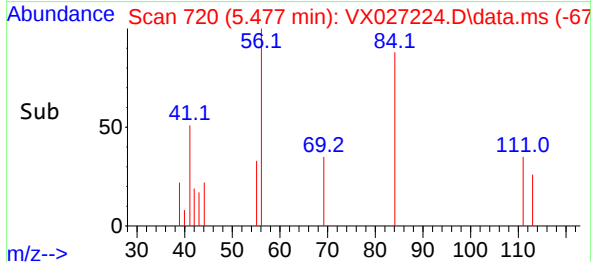
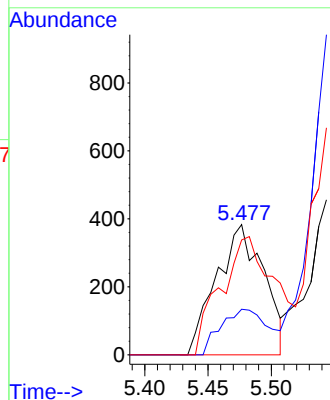
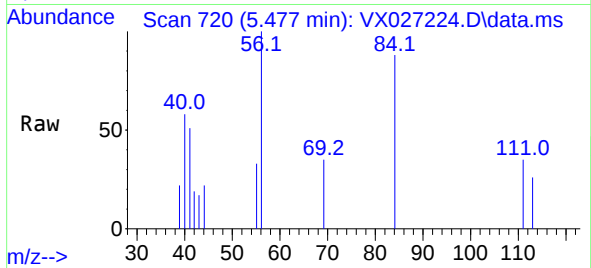




#31
Cyclohexane
Concen: 0.606 ug/l
RT: 5.477 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

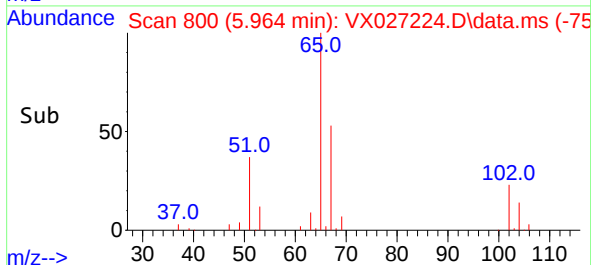
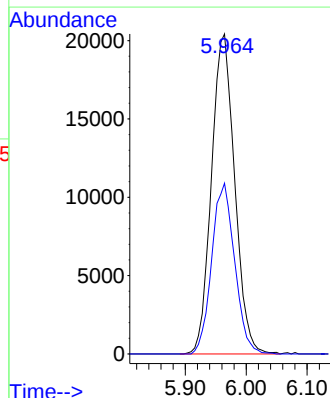
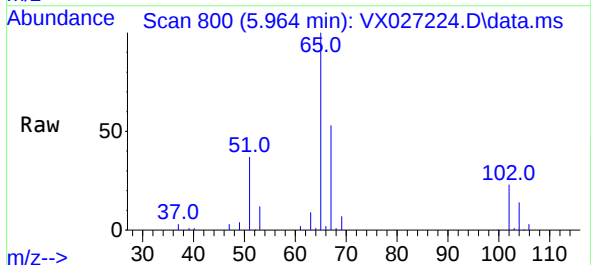
Instrument :
MSVOA_X
ClientSampleId :
MW-27

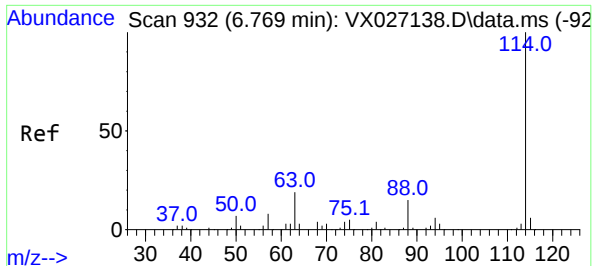
Tgt Ion:	56	Resp:	997
Ion	Ratio	Lower	Upper
56	100		
69	35.0	25.8	38.6
84	88.3	68.9	103.3



#33
1,2-Dichloroethane-d4
Concen: 49.260 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Tgt Ion:	65	Resp:	54099
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	100.8

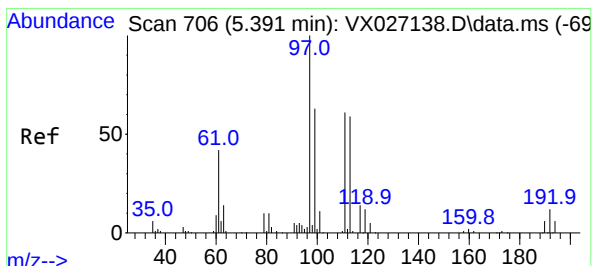
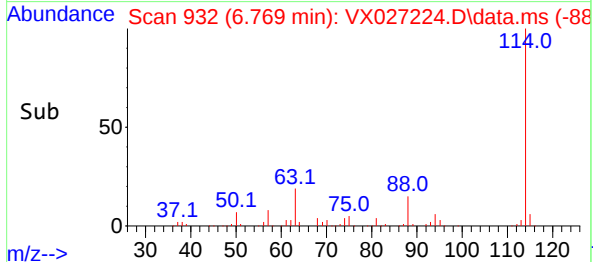
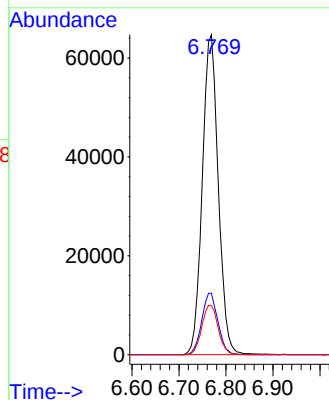
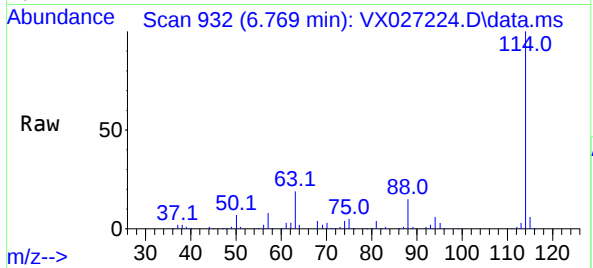




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

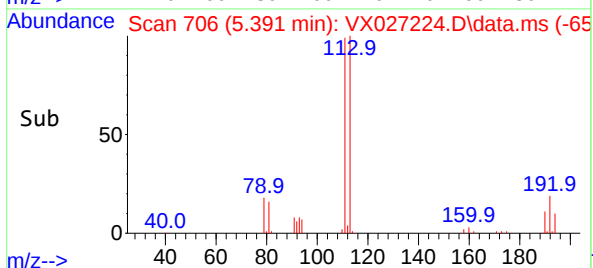
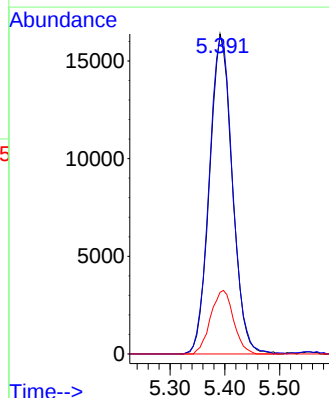
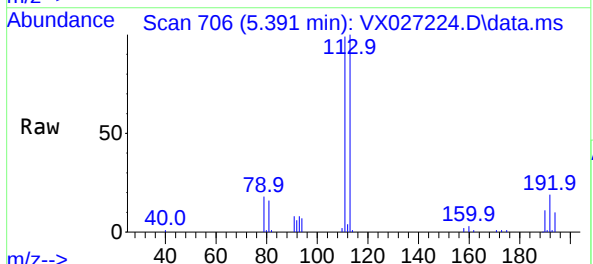
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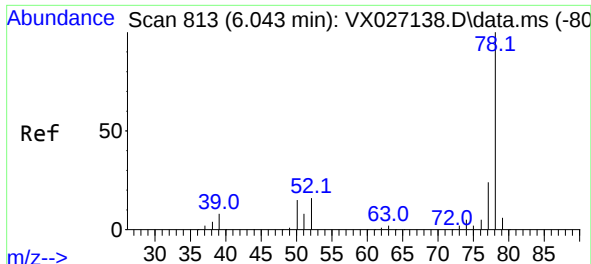
Tgt Ion:114 Resp: 152595
Ion Ratio Lower Upper
114 100
63 19.2 0.0 42.8
88 15.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 49.735 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Tgt Ion:113 Resp: 47108
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 20.0 15.0 22.4

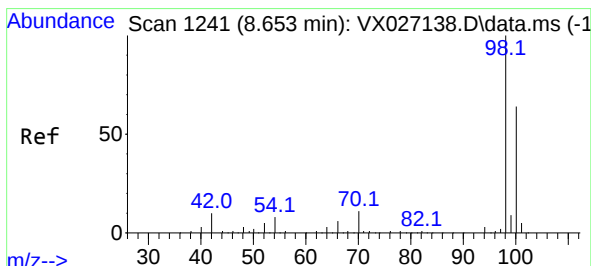
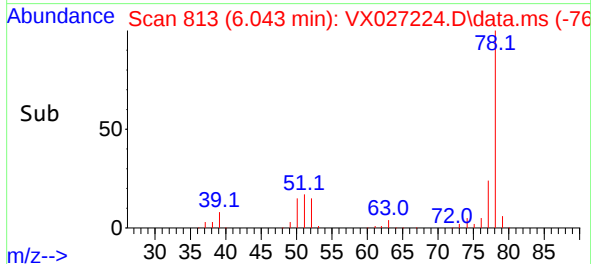
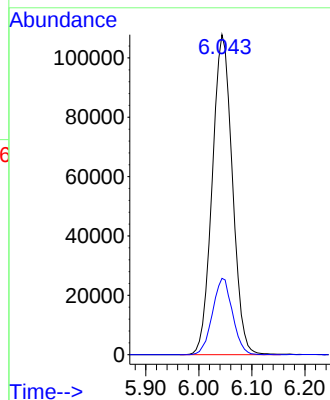
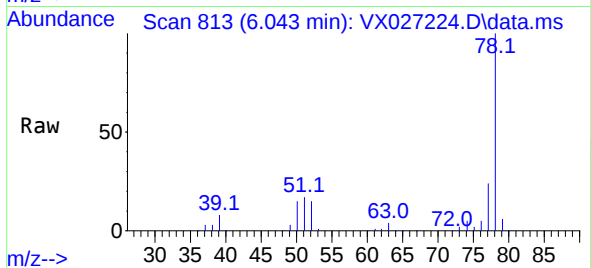




#40
Benzene
Concen: 70.303 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

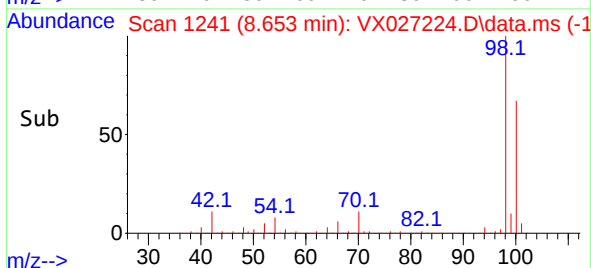
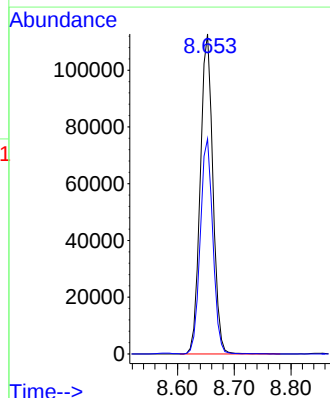
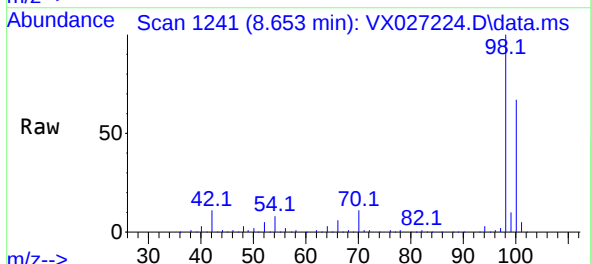
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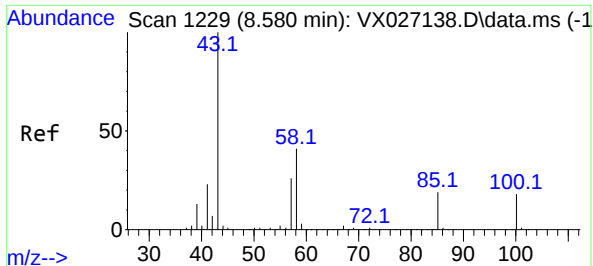
Tgt Ion: 78 Resp: 284197
Ion Ratio Lower Upper
78 100
77 23.9 18.9 28.3



#50
Toluene-d8
Concen: 49.077 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Tgt Ion: 98 Resp: 173813
Ion Ratio Lower Upper
98 100
100 66.8 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 2.066 ug/l

RT: 8.580 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VX027224.D

Acq: 28 Feb 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

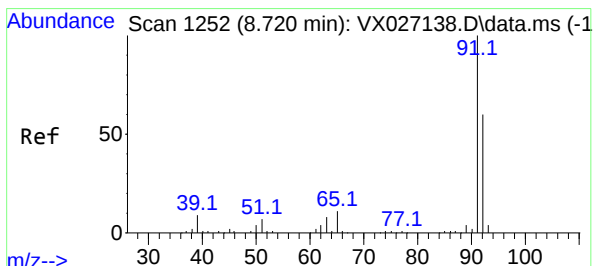
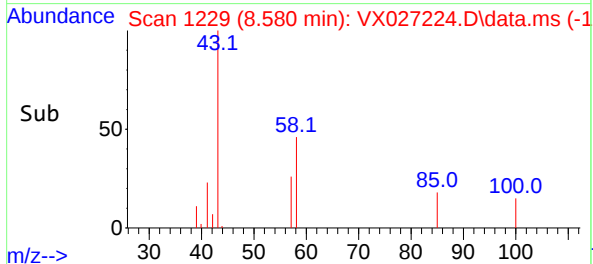
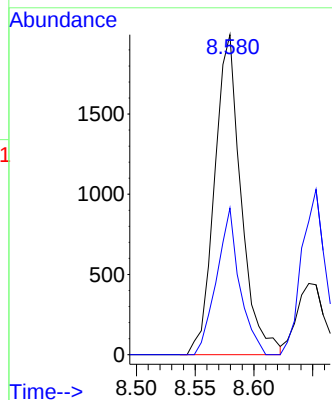
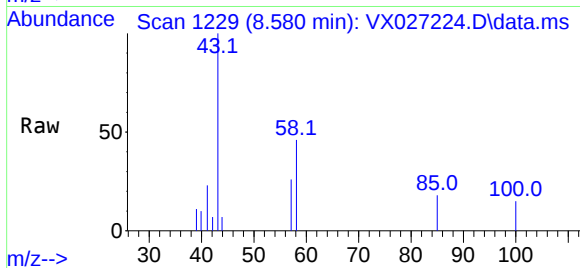
MW-27

Tgt Ion: 43 Resp: 3135

Ion Ratio Lower Upper

43 100

58 39.8 30.5 45.7



#52

Toluene

Concen: 3.655 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX027224.D

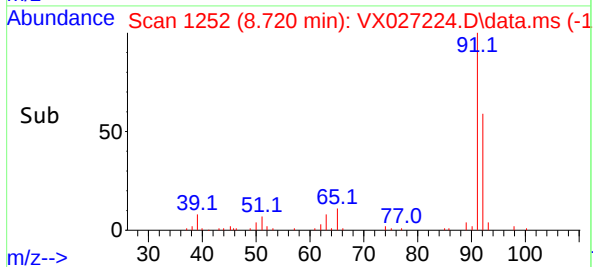
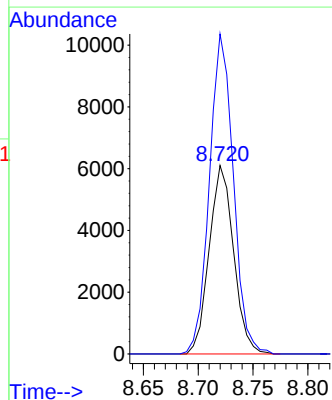
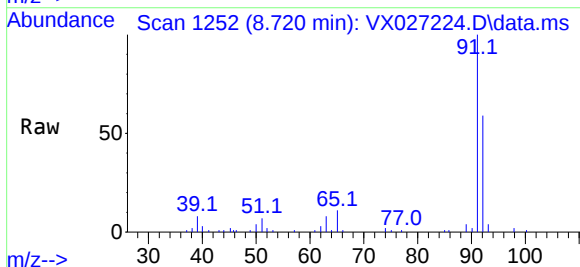
Acq: 28 Feb 2022 16:49

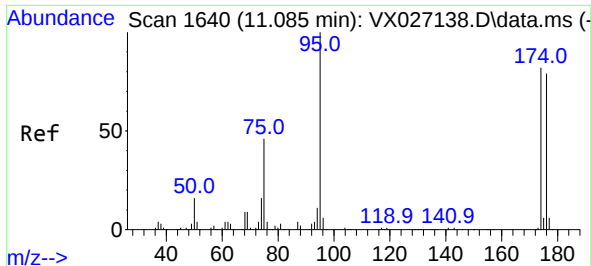
Tgt Ion: 92 Resp: 9462

Ion Ratio Lower Upper

92 100

91 166.4 135.7 203.5

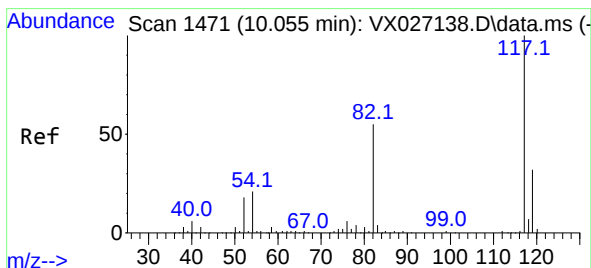
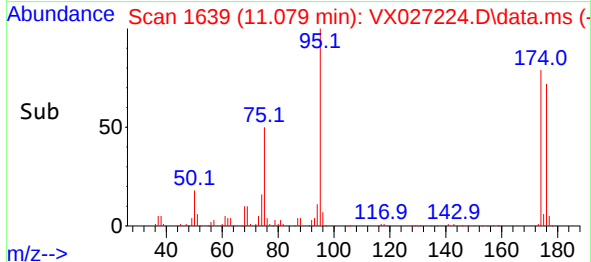
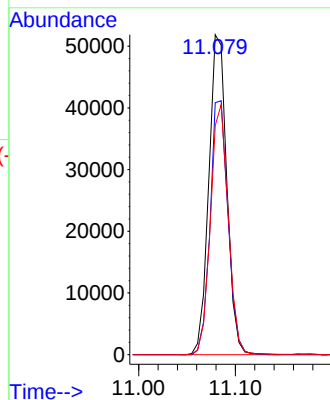
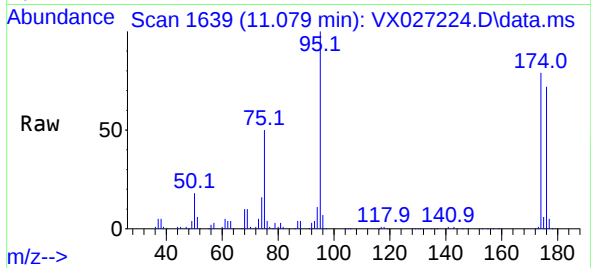




#62
4-Bromofluorobenzene
Concen: 49.350 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

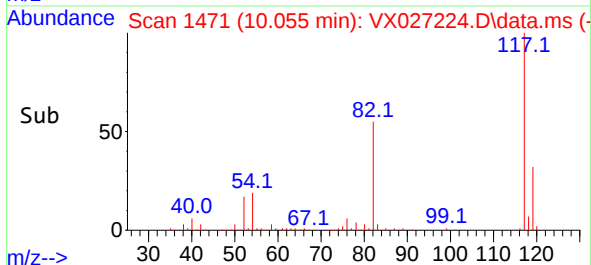
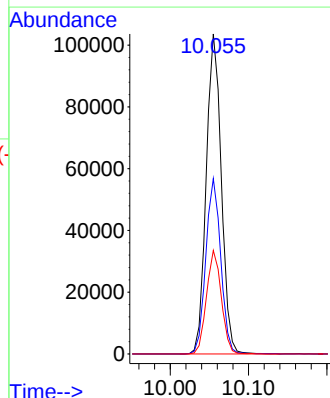
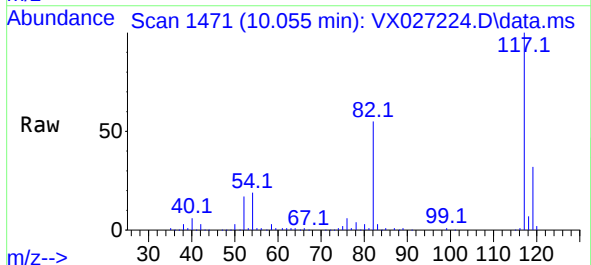
Instrument :
MSVOA_X
ClientSampleId :
MW-27

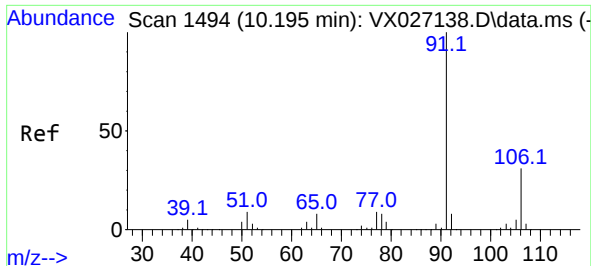
Tgt Ion: 95 Resp: 67089
Ion Ratio Lower Upper
95 100
174 79.1 0.0 148.6
176 77.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Tgt Ion: 117 Resp: 138216
Ion Ratio Lower Upper
117 100
82 54.8 45.2 67.8
119 32.4 26.2 39.2

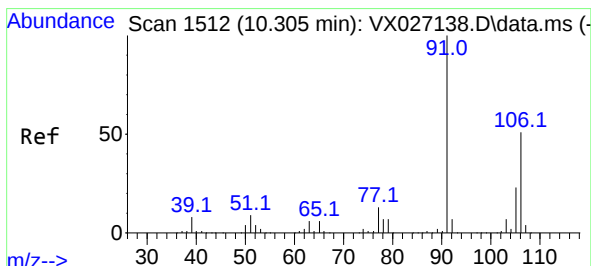
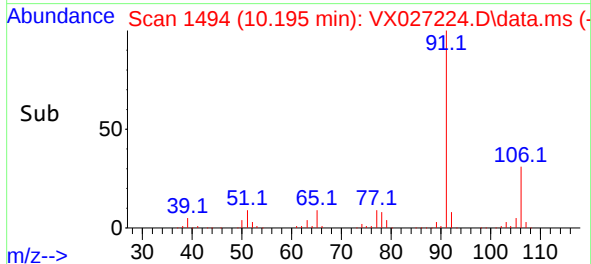
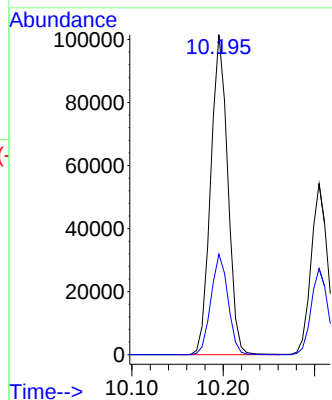
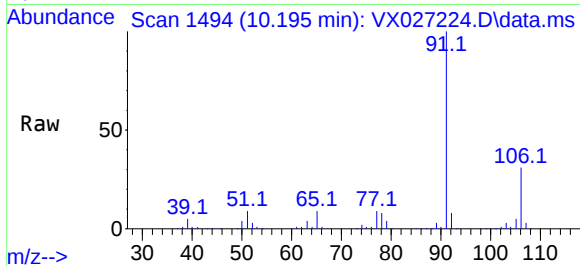




#67
Ethyl Benzene
Concen: 26.525 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

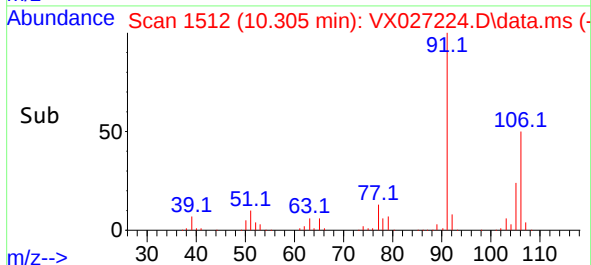
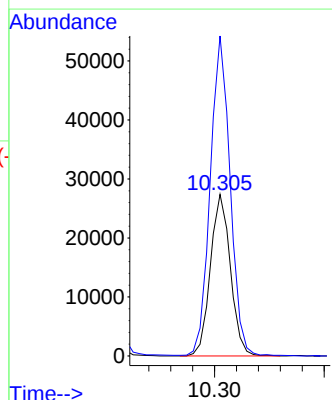
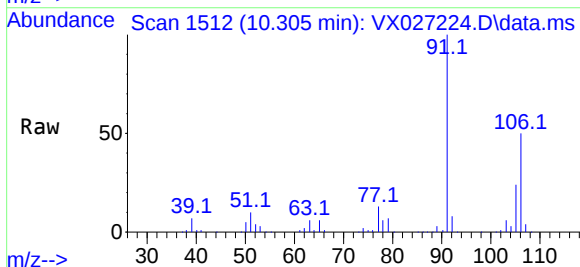
Instrument :
MSVOA_X
ClientSampleId :
MW-27

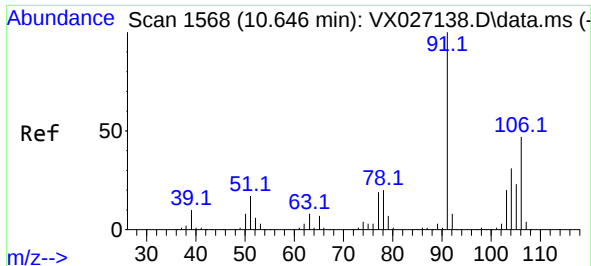
Tgt Ion: 91 Resp: 131194
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1



#68
m/p-Xylenes
Concen: 18.241 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Tgt Ion:106 Resp: 34685
Ion Ratio Lower Upper
106 100
91 197.4 165.3 247.9

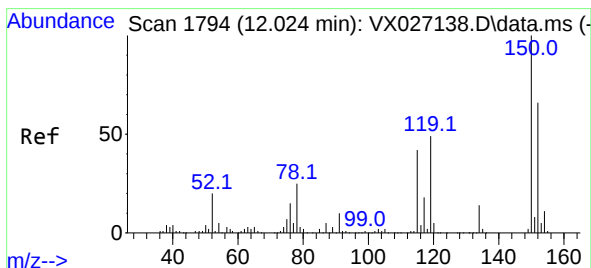
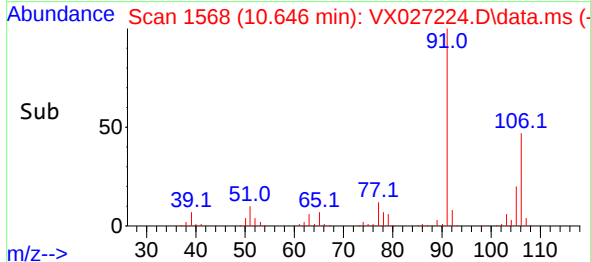
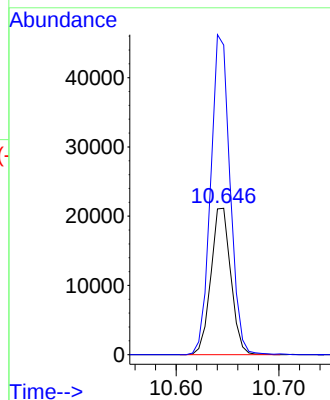
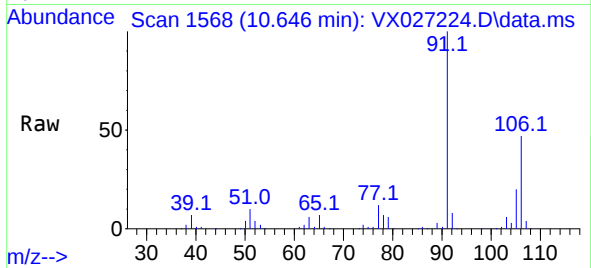




#69
o-Xylene
Concen: 14.941 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

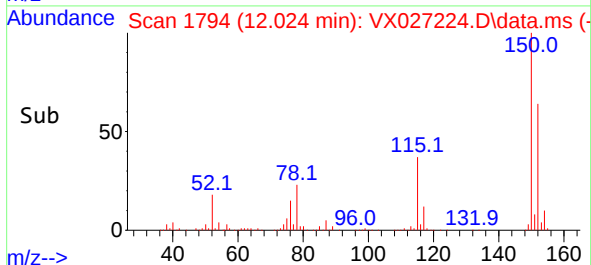
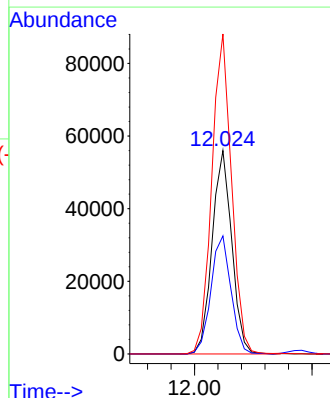
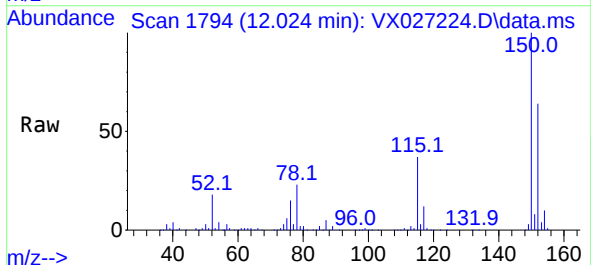
Instrument :
MSVOA_X
ClientSampleId :
MW-27

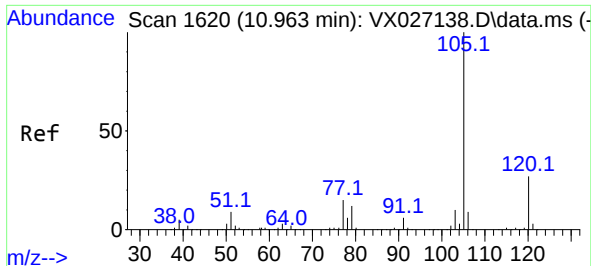
Tgt Ion:106 Resp: 28514
Ion Ratio Lower Upper
106 100
91 212.9 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Tgt Ion:152 Resp: 65045
Ion Ratio Lower Upper
152 100
115 59.3 44.2 132.6
150 158.2 0.0 348.2

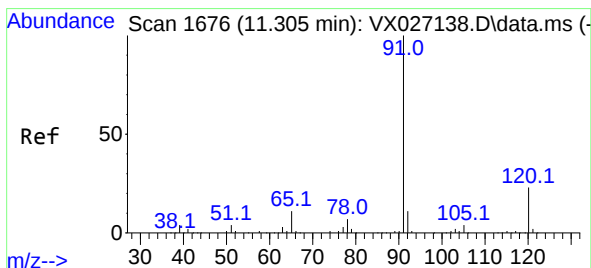
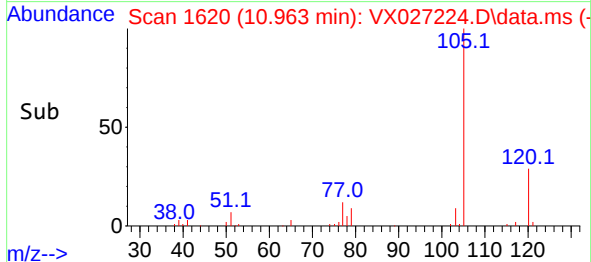
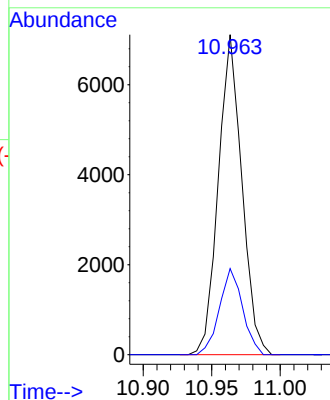
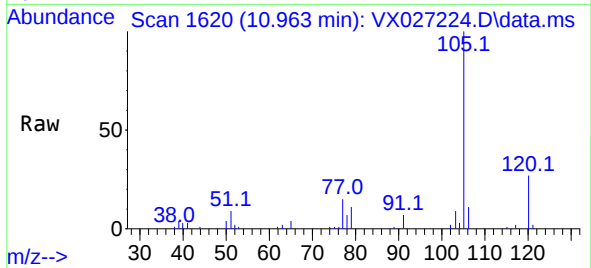




#73
Isopropylbenzene
Concen: 1.819 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

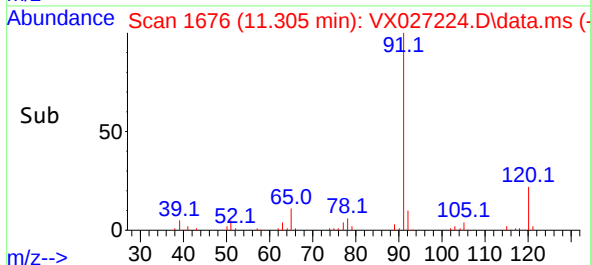
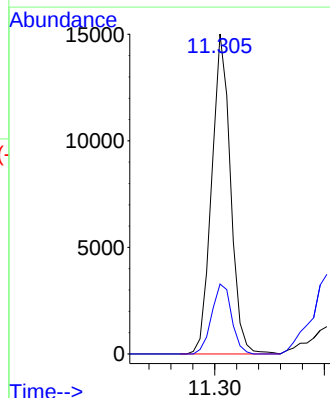
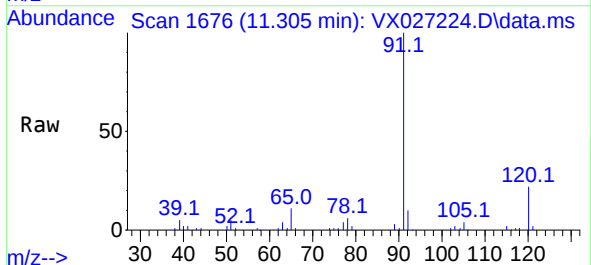
Instrument :
MSVOA_X
ClientSampleId :
MW-27

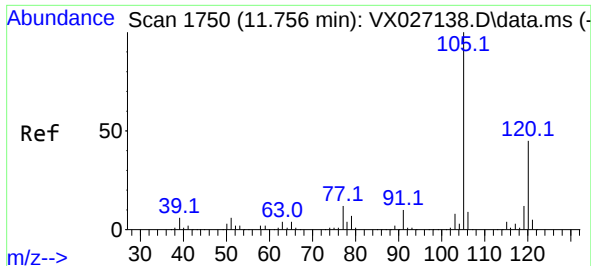
Tgt Ion:105 Resp: 8468
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#78
n-propylbenzene
Concen: 3.385 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Tgt Ion: 91 Resp: 17906
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.7

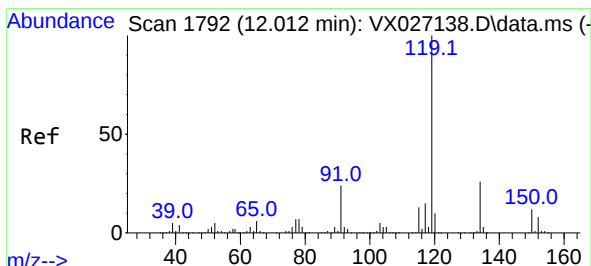
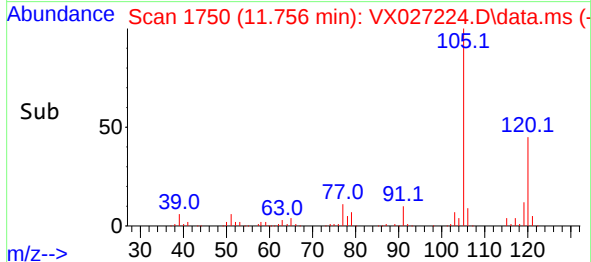
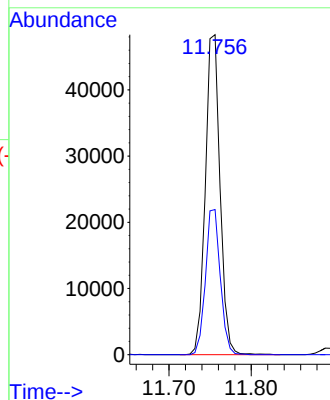
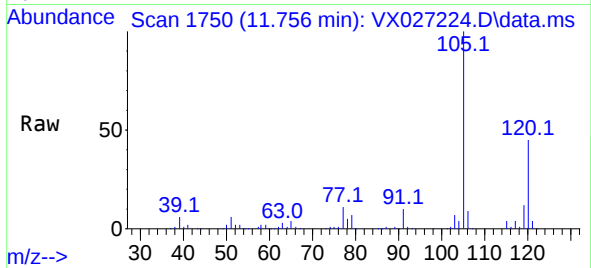




#84
1,2,4-Trimethylbenzene
Concen: 15.406 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

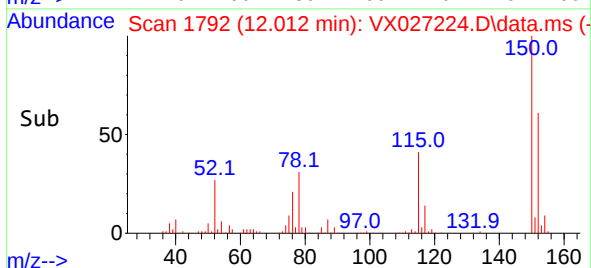
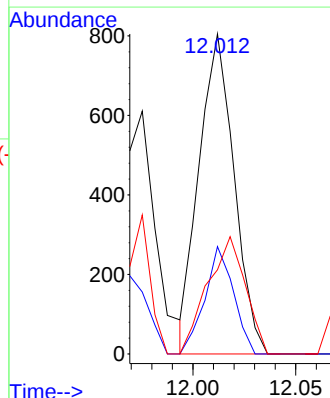
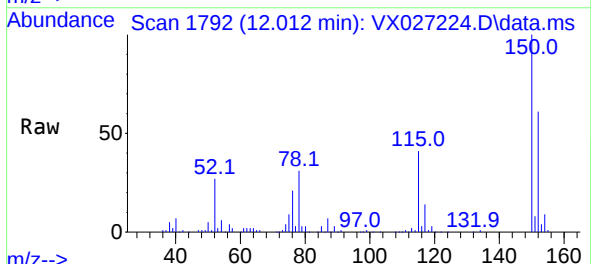
Instrument :
MSVOA_X
ClientSampleId :
MW-27

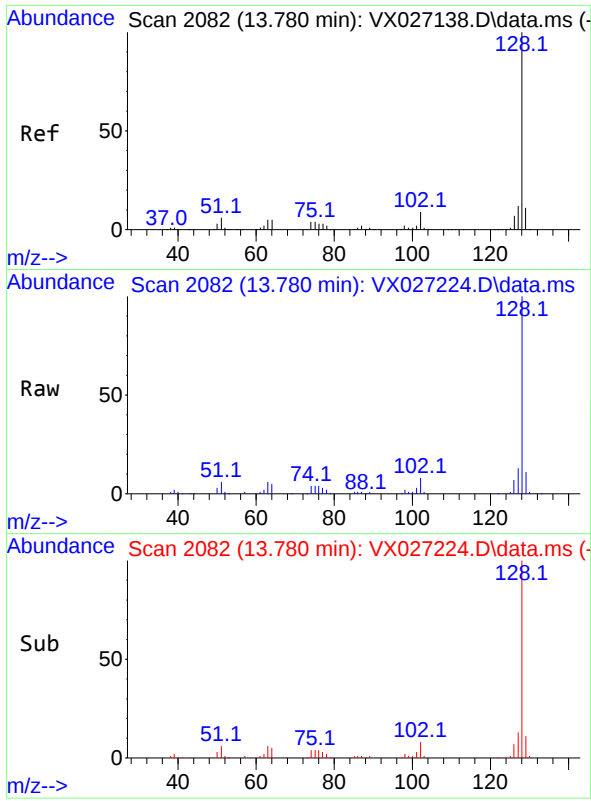
Tgt Ion:105 Resp: 59975
Ion Ratio Lower Upper
105 100
120 45.7 21.9 65.5



#86
p-Isopropyltoluene
Concen: 0.234 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Tgt Ion:119 Resp: 953
Ion Ratio Lower Upper
119 100
134 27.6 13.0 39.0
91 39.8 12.6 37.6#





#95
Naphthalene
Concen: 5.871 ug/l
RT: 13.780 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX027224.D
Acq: 28 Feb 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
MW-27

Tgt Ion:128	Resp:	26835
Ion	Ratio	Lower Upper
128	100	
127	12.9	10.3 15.5
129	11.4	8.7 13.1

