

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027245.D
 Acq On : 01 Mar 2022 13:56
 Operator : JC/MD
 Sample : N1688-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27

Quant Time: Mar 02 00:34:38 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)

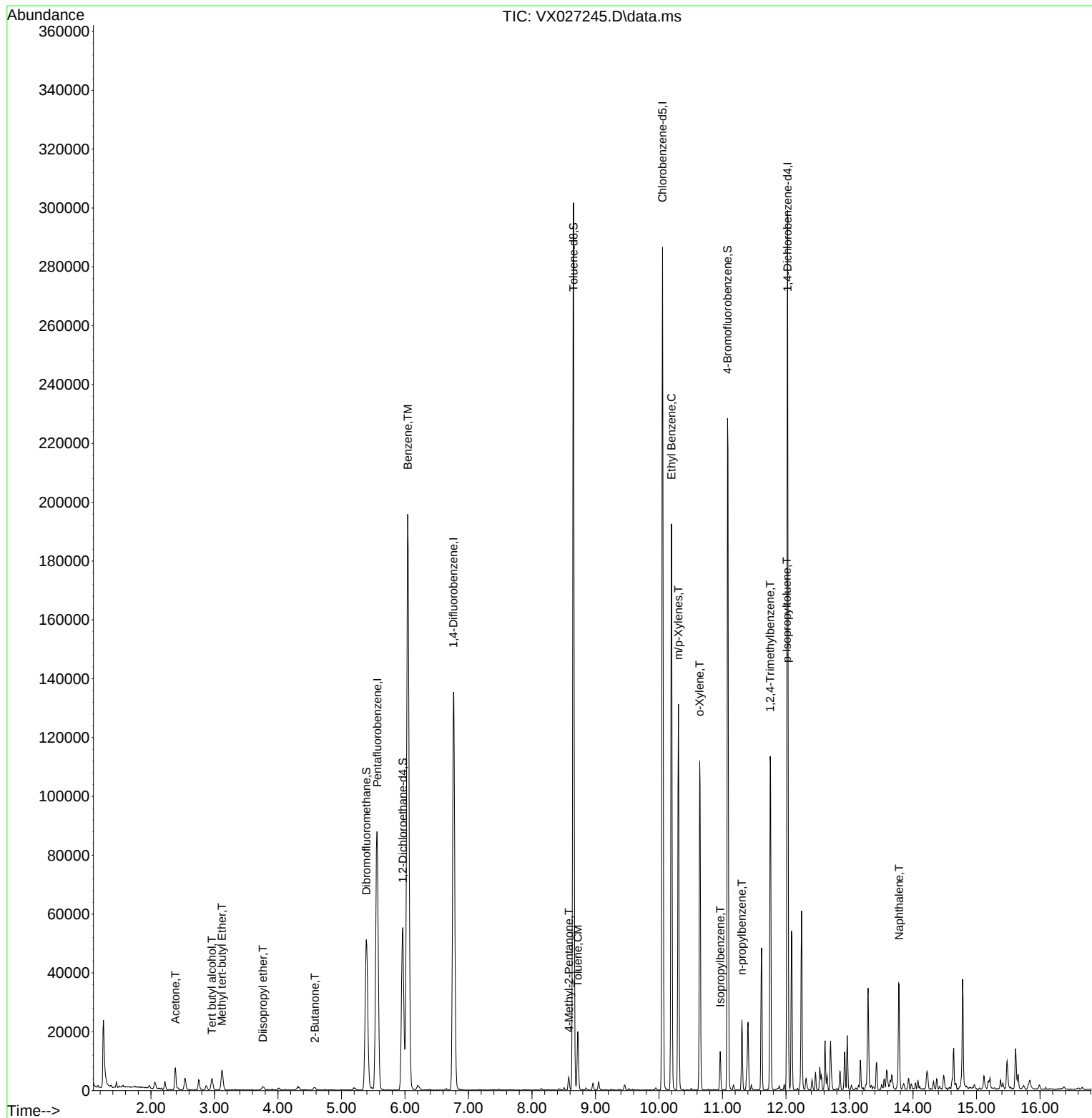
Internal Standards						
1) Pentafluorobenzene	5.562	168	87167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	145247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131347	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	52201	49.863	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.720%
35) Dibromofluoromethane	5.391	113	45815	50.817	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.640%
50) Toluene-d8	8.653	98	170962	50.714	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.420%
62) 4-Bromofluorobenzene	11.079	95	62988	48.677	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.360%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	4700	23.075	ug/l	97
16) Acetone	2.386	43	7859	17.098	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	7494	2.574	ug/l	97
22) Diisopropyl ether	3.764	45	1254	0.431	ug/l #	71
25) 2-Butanone	4.581	43	1954	2.669	ug/l #	88
40) Benzene	6.044	78	238734	62.044	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	2734	1.893	ug/l	100
52) Toluene	8.720	92	7654	3.107	ug/l	99
67) Ethyl Benzene	10.195	91	109530	23.303	ug/l	98
68) m/p-Xylenes	10.305	106	29422	16.283	ug/l	94
69) o-Xylene	10.640	106	24490	13.504	ug/l	97
73) Isopropylbenzene	10.964	105	6814	1.534	ug/l	97
78) n-propylbenzene	11.305	91	14537	2.879	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	51417	13.837	ug/l	97
86) p-Isopropyltoluene	12.012	119	876	0.226	ug/l #	73
95) Naphthalene	13.780	128	23315	5.344	ug/l	99

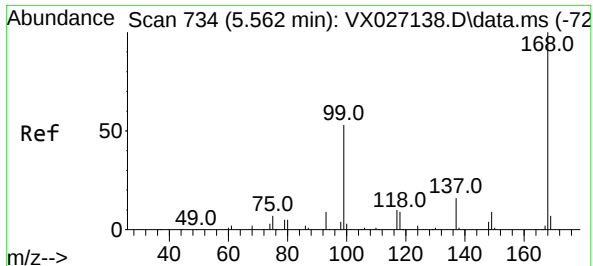
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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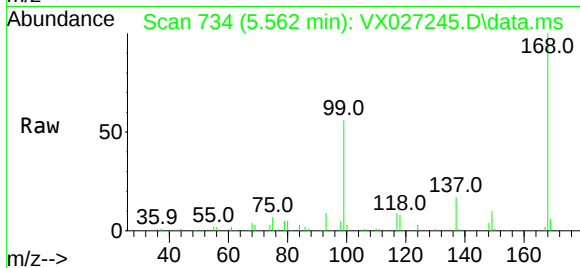
Quant Time: Mar 02 00:34:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 23 13:06:57 2022
Response via : Initial Calibration



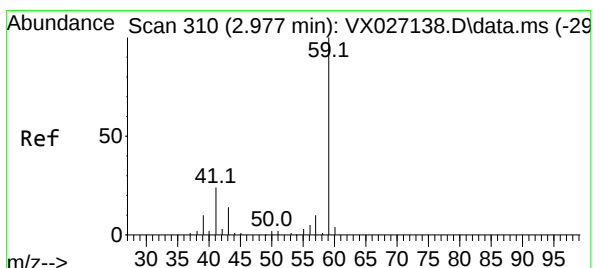
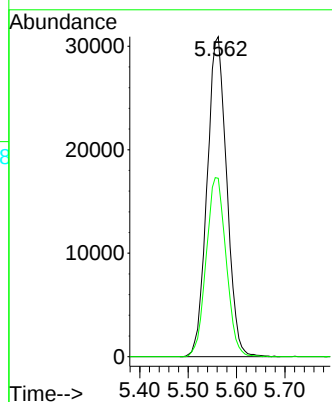
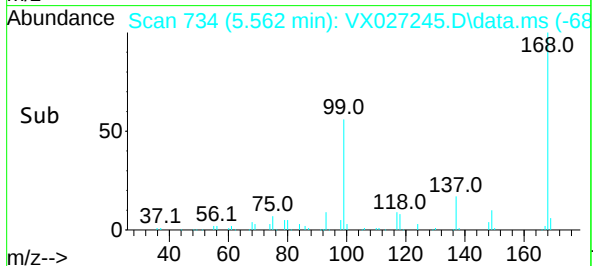


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

Instrument :
MSVOA_X
ClientSampleId :
MW-27

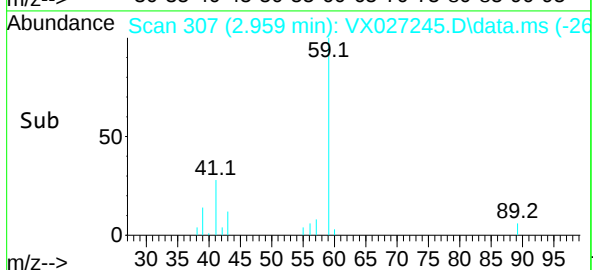
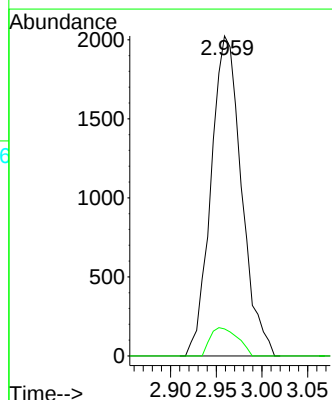
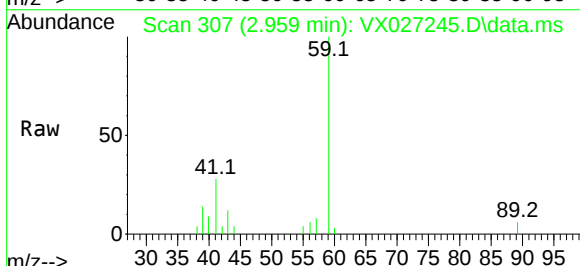


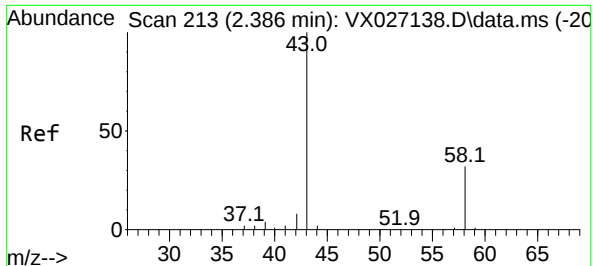
Tgt Ion:168 Resp: 87167
Ion Ratio Lower Upper
168 100
99 55.7 50.3 75.5



#11
Tert butyl alcohol
Concen: 23.075 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

Tgt Ion: 59 Resp: 4700
Ion Ratio Lower Upper
59 100
57 7.9 7.2 10.8

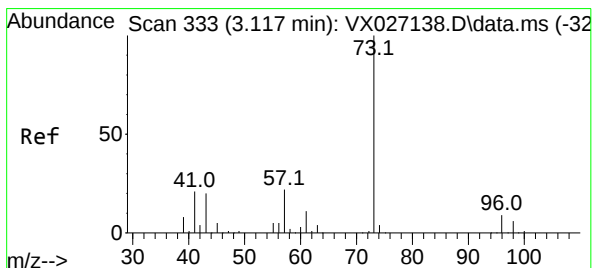
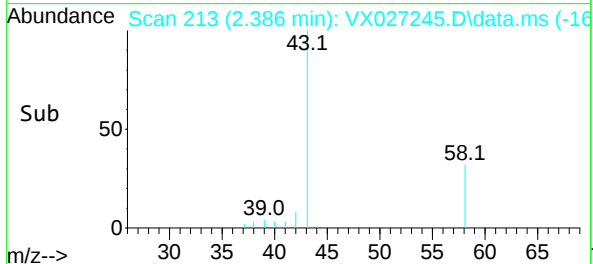
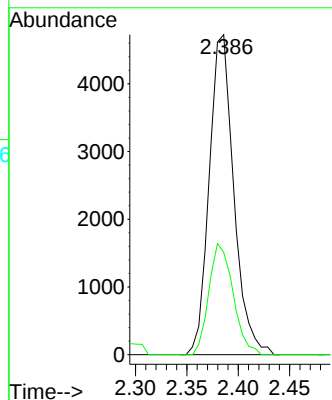
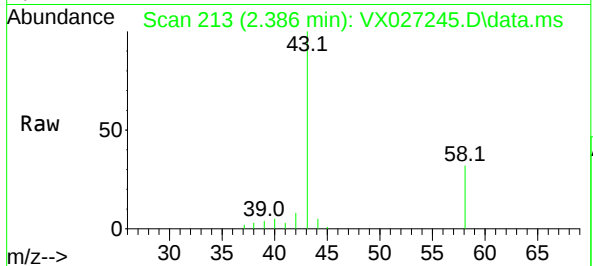




#16
Acetone
Concen: 17.098 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

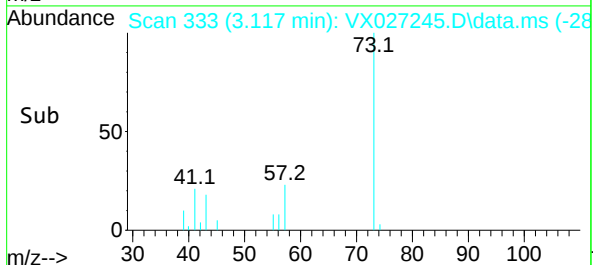
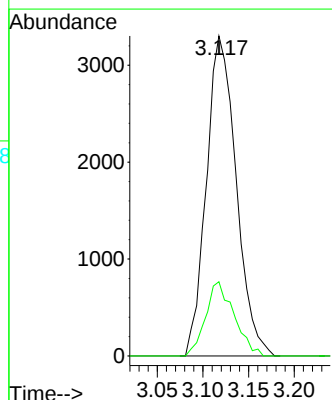
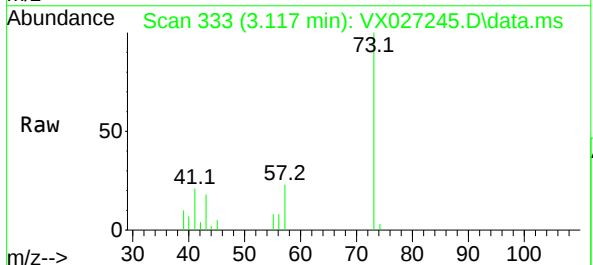
Instrument :
MSVOA_X
ClientSampleId :
MW-27

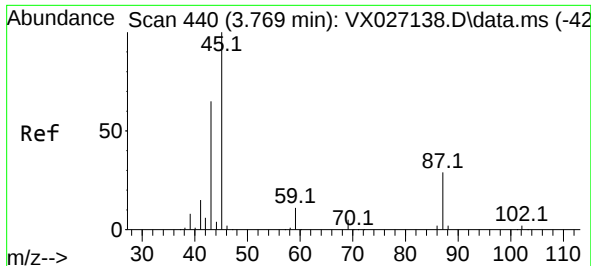
Tgt Ion: 43 Resp: 7859
Ion Ratio Lower Upper
43 100
58 32.0 23.0 34.6



#19
Methyl tert-butyl Ether
Concen: 2.574 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

Tgt Ion: 73 Resp: 7494
Ion Ratio Lower Upper
73 100
57 23.2 17.4 26.2

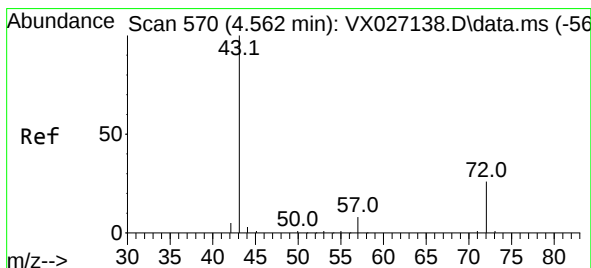
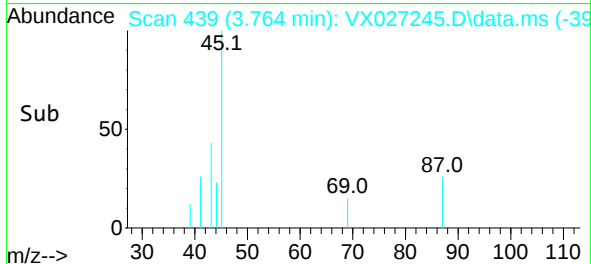
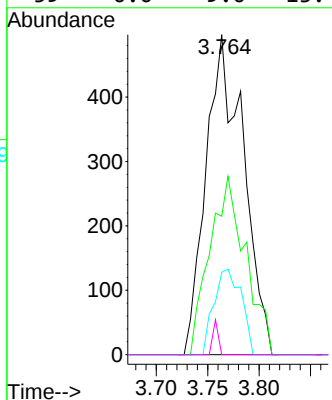
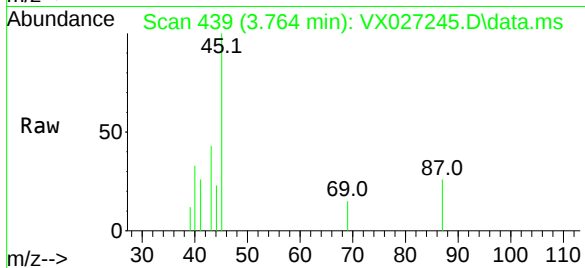




#22
Diisopropyl ether
Concen: 0.431 ug/l
RT: 3.764 min Scan# 41
Delta R.T. -0.005 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

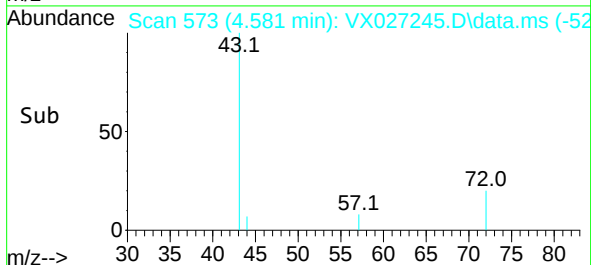
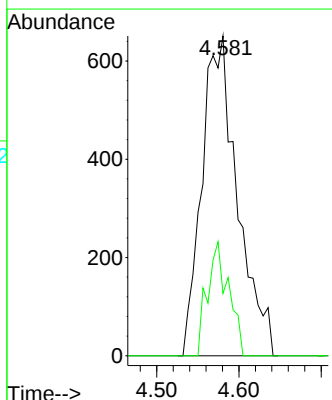
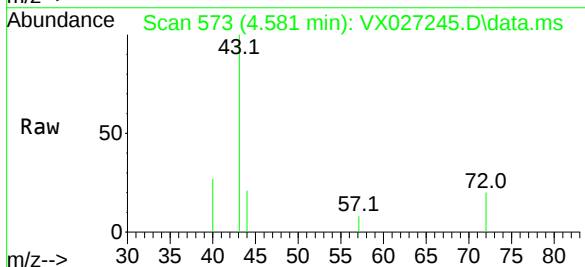
Instrument :
MSVOA_X
ClientSampleId :
MW-27

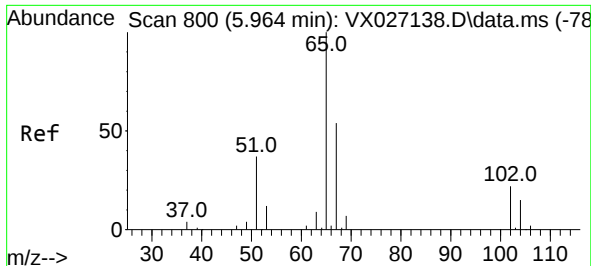
Tgt Ion:	45	Resp:	1254
Ion	Ratio	Lower	Upper
45	100		
43	43.3	60.6	91.0#
87	25.8	22.0	33.0
59	0.0	9.0	13.4#



#25
2-Butanone
Concen: 2.669 ug/l
RT: 4.581 min Scan# 573
Delta R.T. 0.019 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

Tgt Ion:	43	Resp:	1954
Ion	Ratio	Lower	Upper
43	100		
72	19.5	20.4	30.6#





#33

1,2-Dichloroethane-d4

Concen: 49.863 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027245.D

Acq: 01 Mar 2022 13:56

Instrument :

MSVOA_X

ClientSampleId :

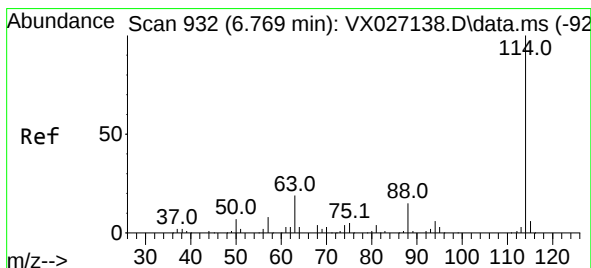
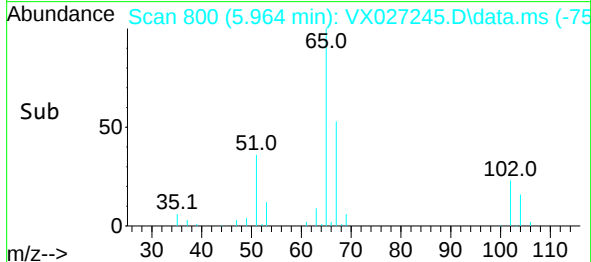
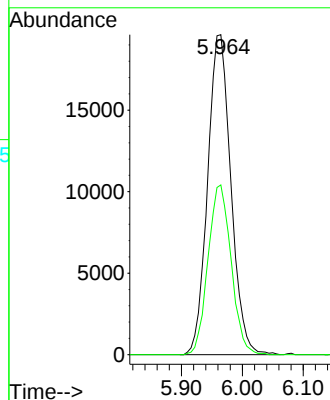
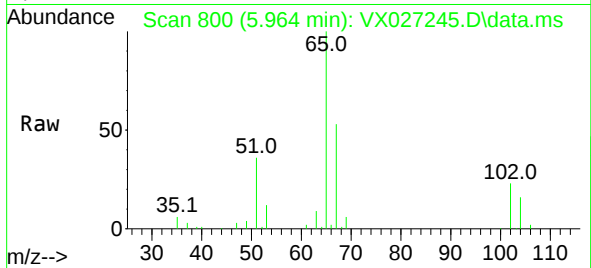
MW-27

Tgt Ion: 65 Resp: 52201

Ion Ratio Lower Upper

65 100

67 52.6 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: VX027245.D

Acq: 01 Mar 2022 13:56

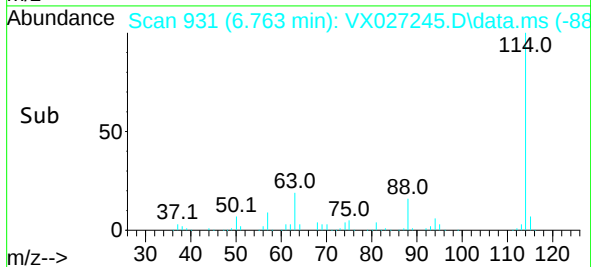
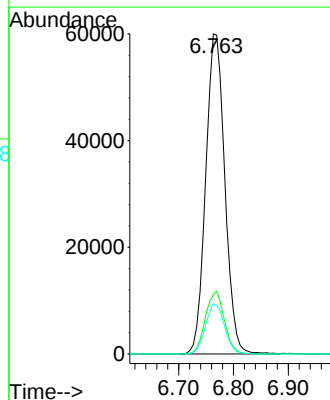
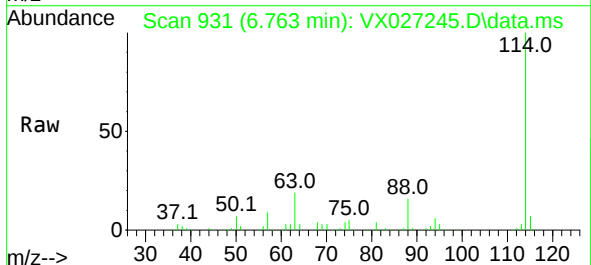
Tgt Ion: 114 Resp: 145247

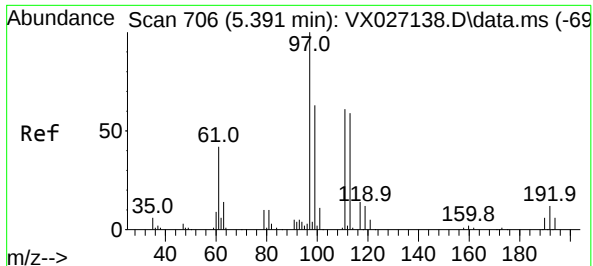
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.8

88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.817 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027245.D

Acq: 01 Mar 2022 13:56

Instrument :

MSVOA_X

ClientSampleId :

MW-27

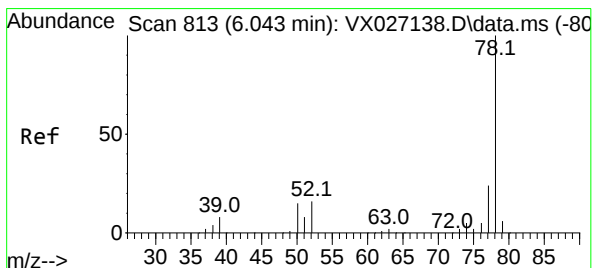
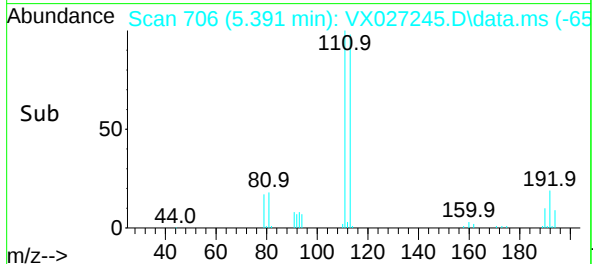
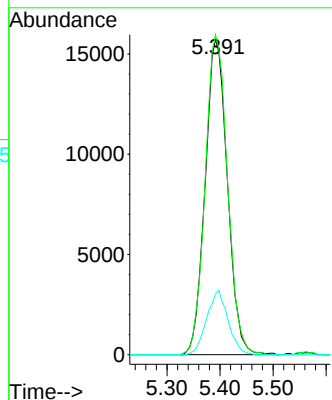
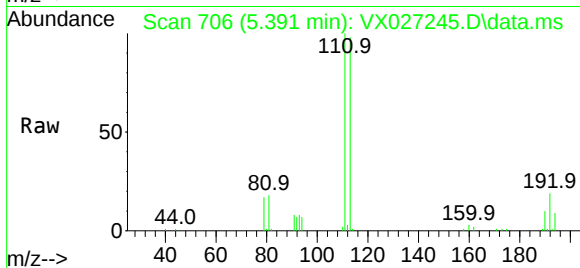
Tgt Ion:113 Resp: 45815

Ion Ratio Lower Upper

113 100

111 102.0 81.2 121.8

192 19.6 15.0 22.4



#40

Benzene

Concen: 62.044 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.001 min

Lab File: VX027245.D

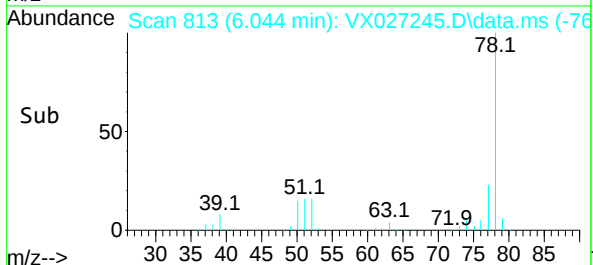
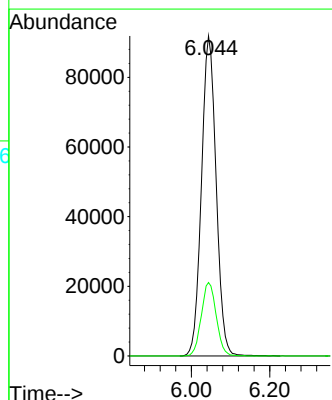
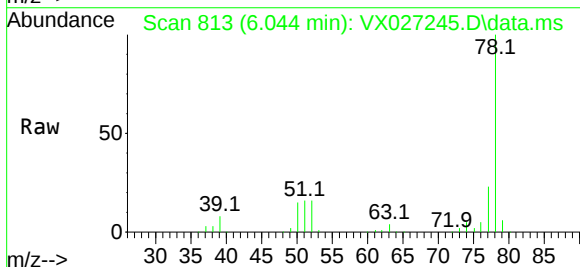
Acq: 01 Mar 2022 13:56

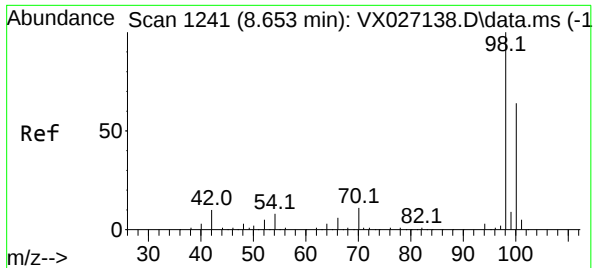
Tgt Ion: 78 Resp: 238734

Ion Ratio Lower Upper

78 100

77 23.0 18.9 28.3

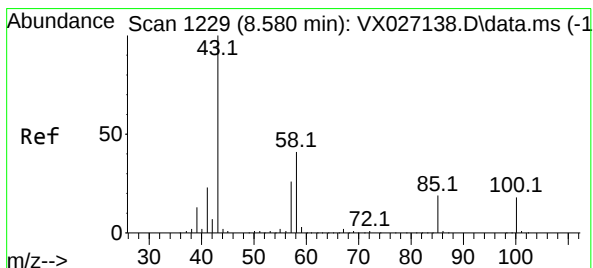
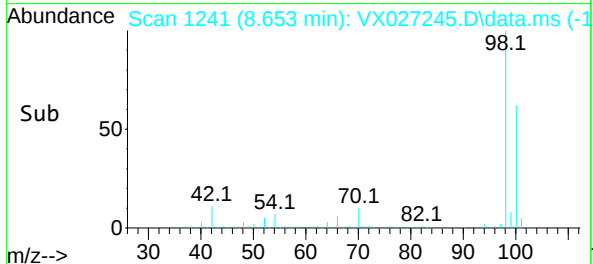
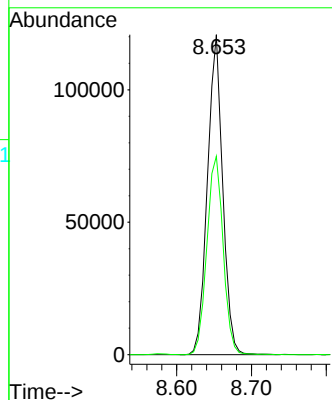
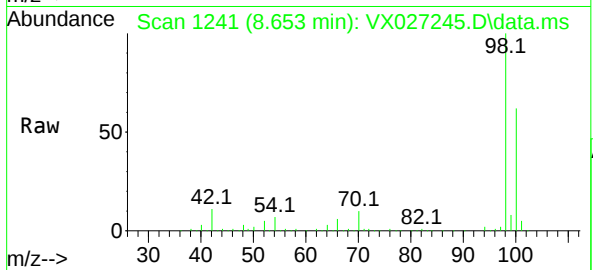




#50
Toluene-d8
Concen: 50.714 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

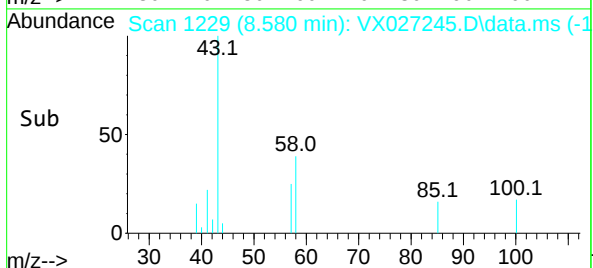
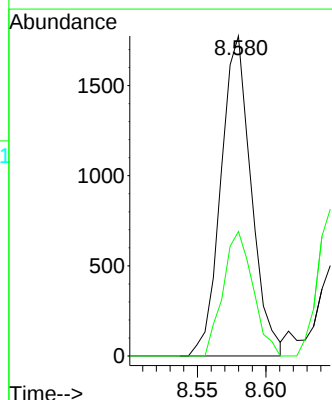
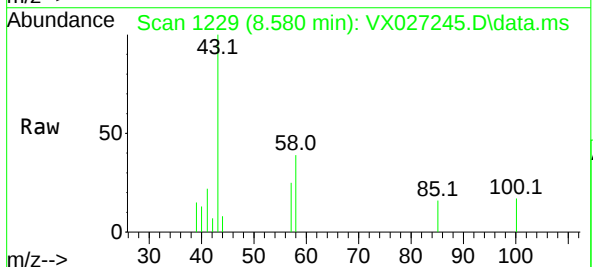
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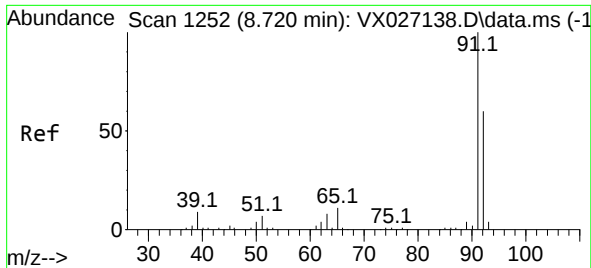
Tgt Ion: 98 Resp: 170962
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#51
4-Methyl-2-Pentanone
Concen: 1.893 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

Tgt Ion: 43 Resp: 2734
Ion Ratio Lower Upper
43 100
58 38.3 30.5 45.7

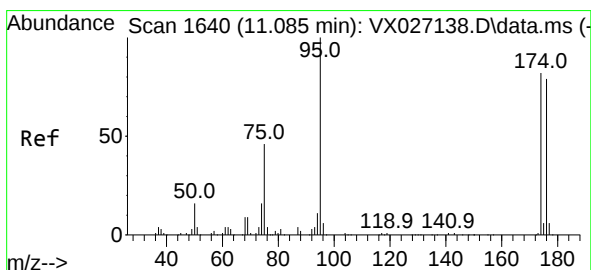
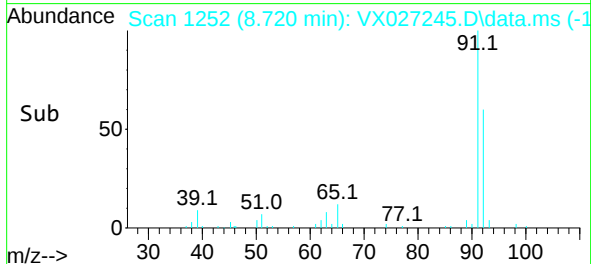
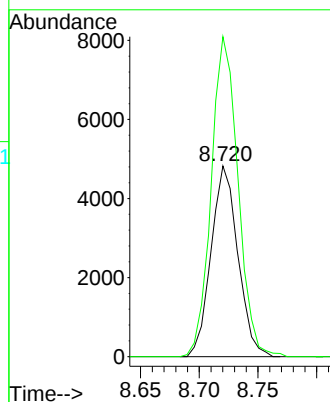
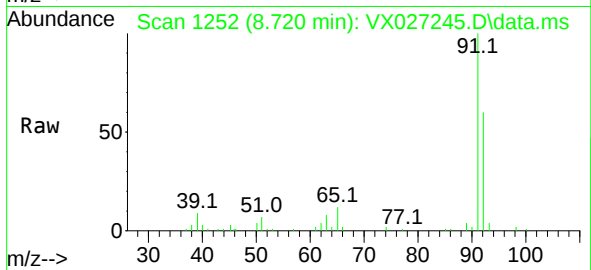




#52
Toluene
Concen: 3.107 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

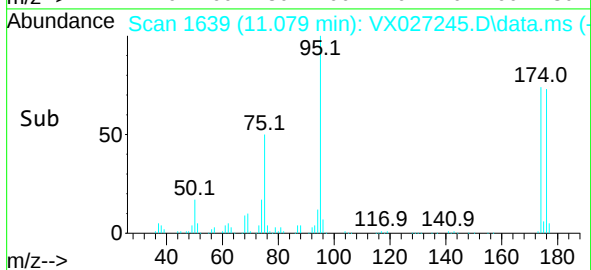
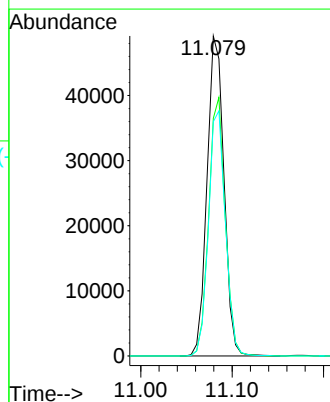
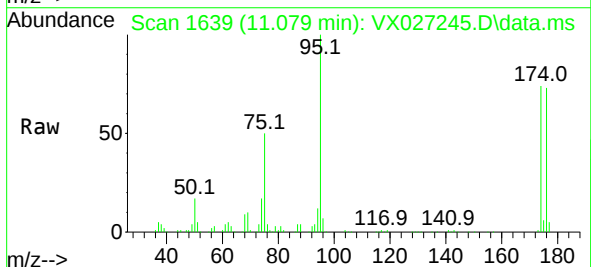
Instrument :
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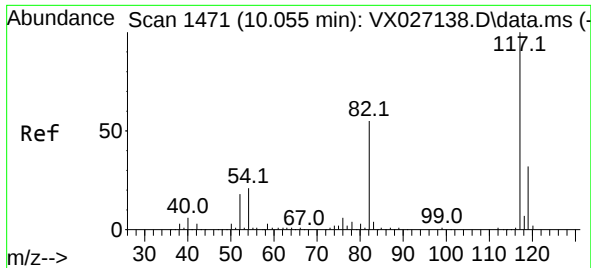
Tgt Ion: 92 Resp: 7654
Ion Ratio Lower Upper
92 100
91 167.6 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 48.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

Tgt Ion: 95 Resp: 62988
Ion Ratio Lower Upper
95 100
174 78.9 0.0 148.6
176 76.6 0.0 141.4

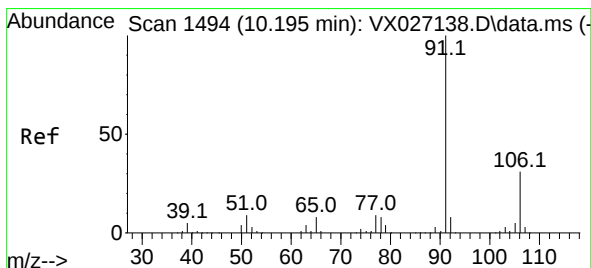
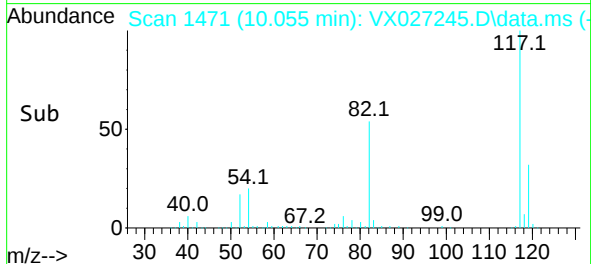
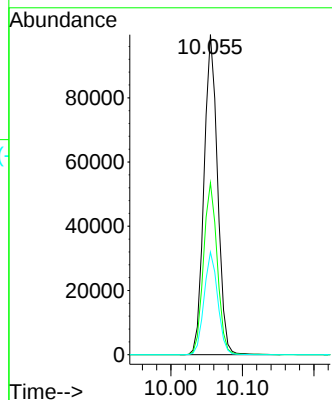
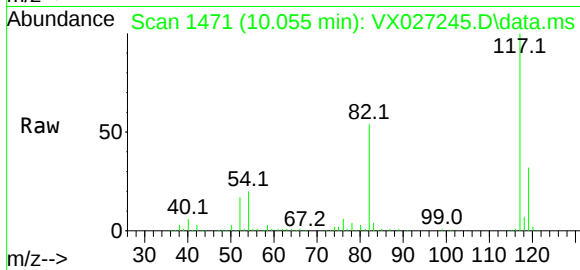




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

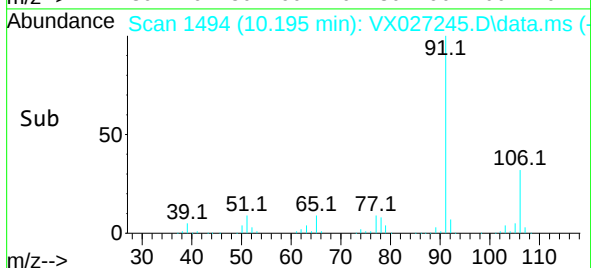
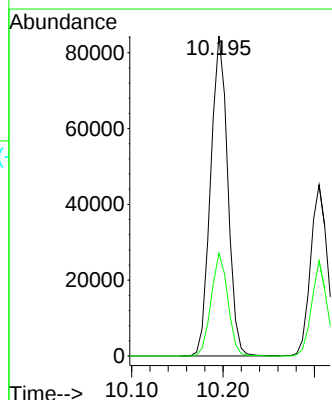
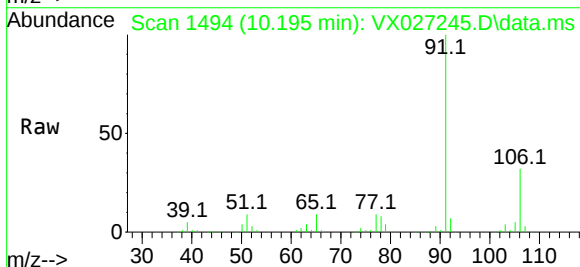
Instrument :
MSVOA_X
ClientSampleId :
MW-27

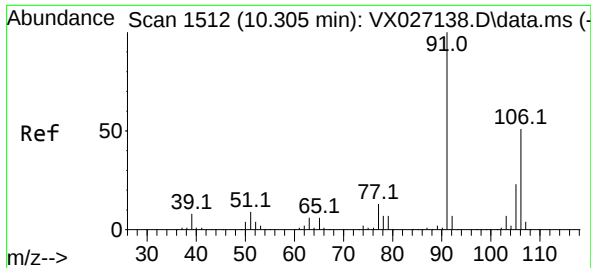
Tgt Ion:117 Resp: 131347
Ion Ratio Lower Upper
117 100
82 53.7 45.2 67.8
119 32.1 26.2 39.2



#67
Ethyl Benzene
Concen: 23.303 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

Tgt Ion: 91 Resp: 109530
Ion Ratio Lower Upper
91 100
106 32.1 24.7 37.1

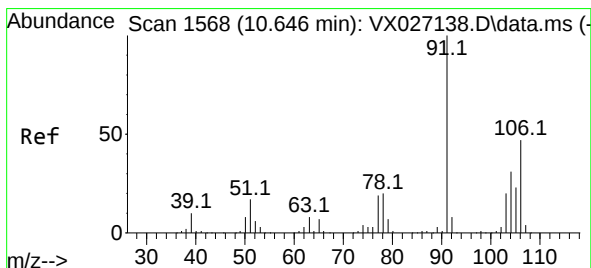
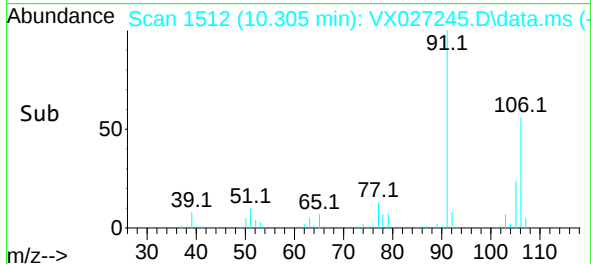
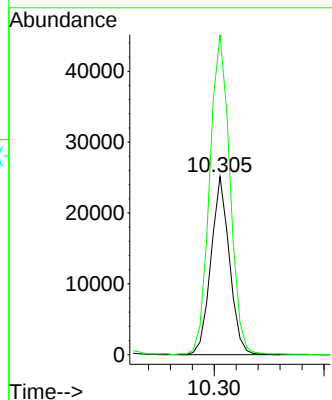
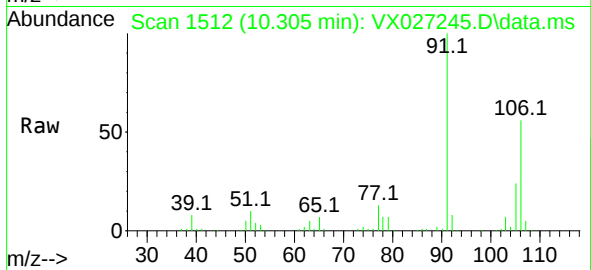




#68
m/p-Xylenes
Concen: 16.283 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

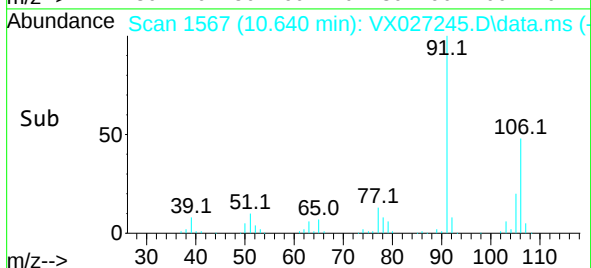
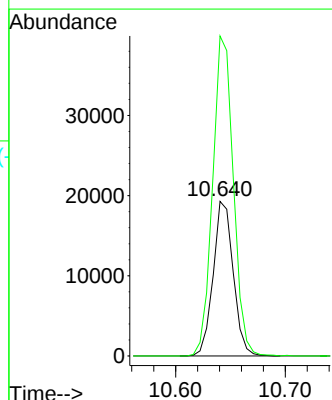
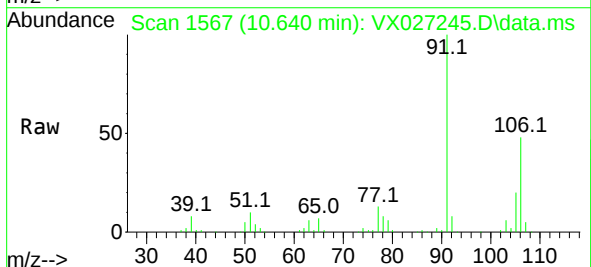
Instrument :
MSVOA_X
ClientSampleId :
MW-27

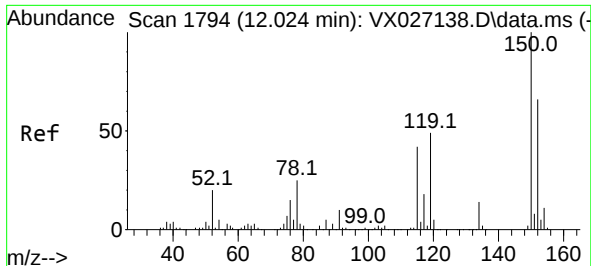
Tgt Ion:106 Resp: 29422
Ion Ratio Lower Upper
106 100
91 197.8 165.3 247.9



#69
o-Xylene
Concen: 13.504 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

Tgt Ion:106 Resp: 24490
Ion Ratio Lower Upper
106 100
91 213.7 109.7 329.0

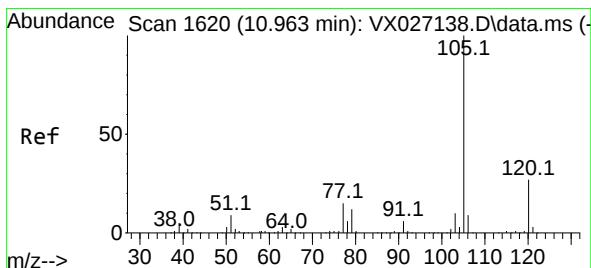
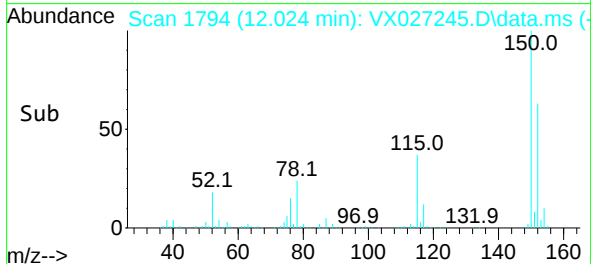
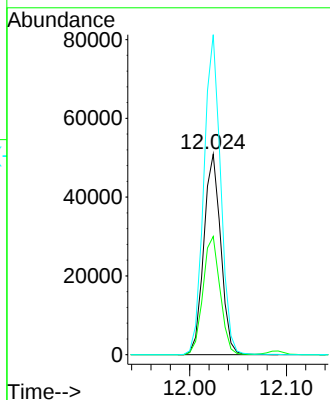
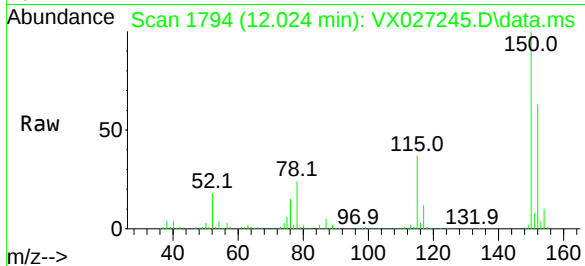




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

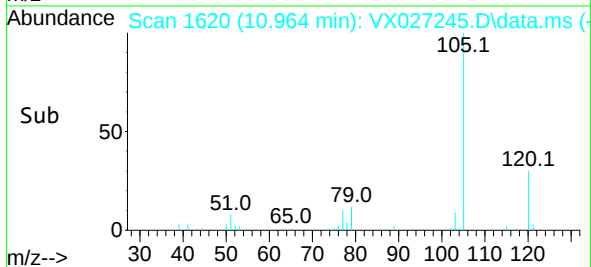
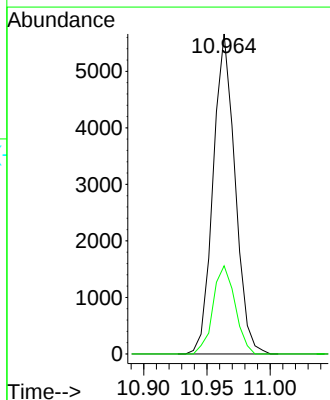
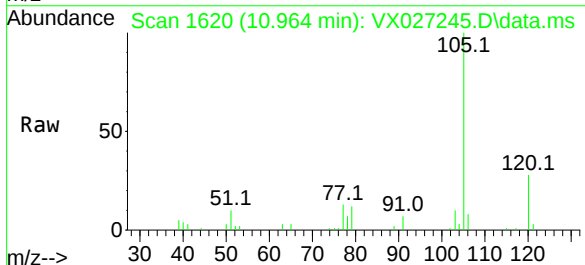
Instrument :
MSVOA_X
ClientSampleId :
MW-27

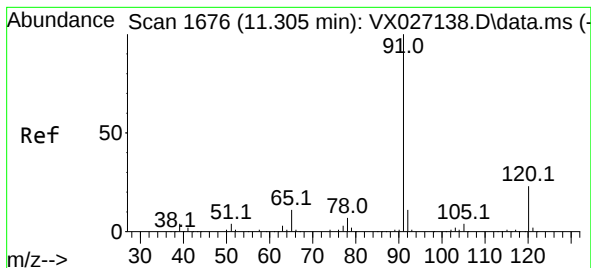
Tgt Ion:152 Resp: 62087
Ion Ratio Lower Upper
152 100
115 59.8 44.2 132.6
150 157.9 0.0 348.2



#73
Isopropylbenzene
Concen: 1.534 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX027245.D
Acq: 01 Mar 2022 13:56

Tgt Ion:105 Resp: 6814
Ion Ratio Lower Upper
105 100
120 27.6 13.1 39.1





#78

n-propylbenzene

Concen: 2.879 ug/l

RT: 11.305 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX027245.D

Acq: 01 Mar 2022 13:56

Instrument :

MSVOA_X

ClientSampleId :

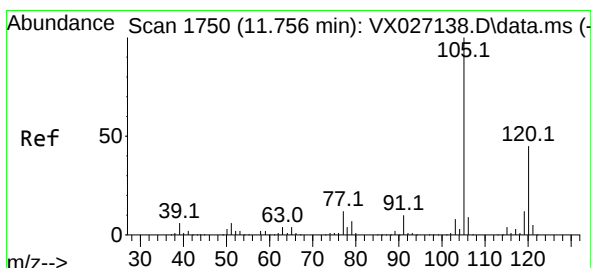
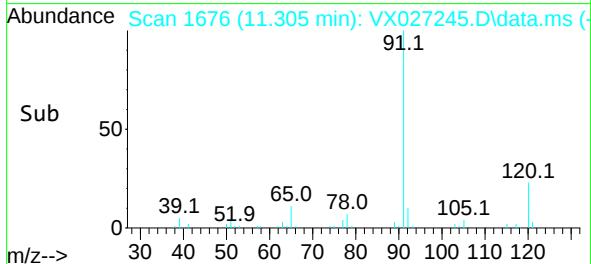
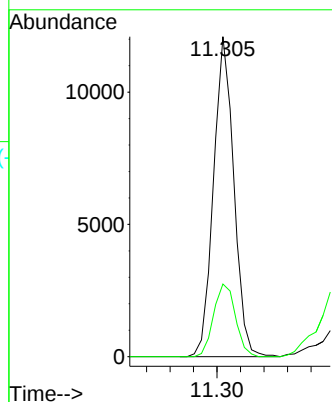
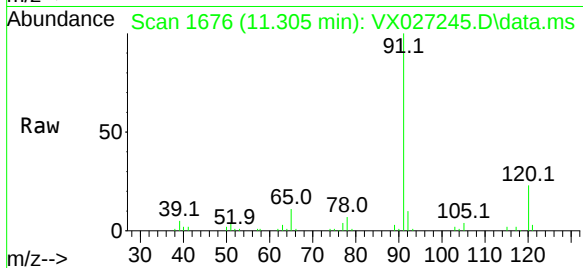
MW-27

Tgt Ion: 91 Resp: 14537

Ion Ratio Lower Upper

91 100

120 24.4 11.6 34.7



#84

1,2,4-Trimethylbenzene

Concen: 13.837 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX027245.D

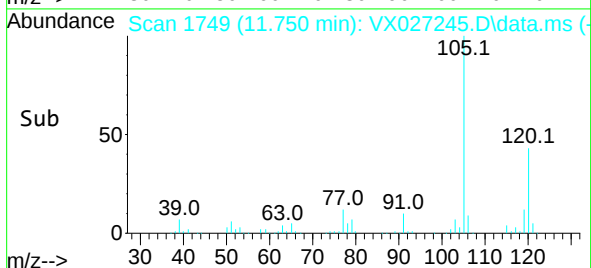
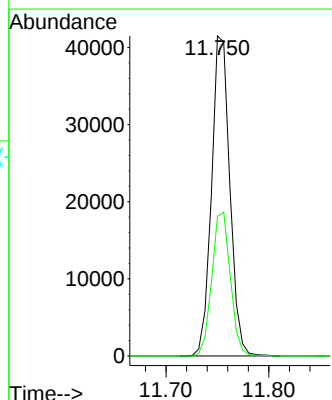
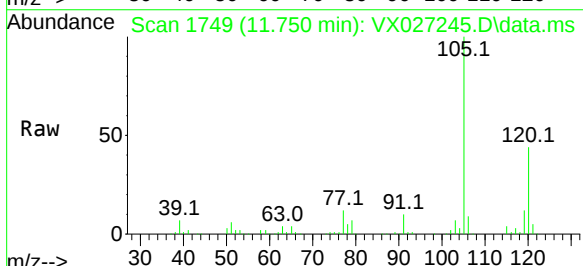
Acq: 01 Mar 2022 13:56

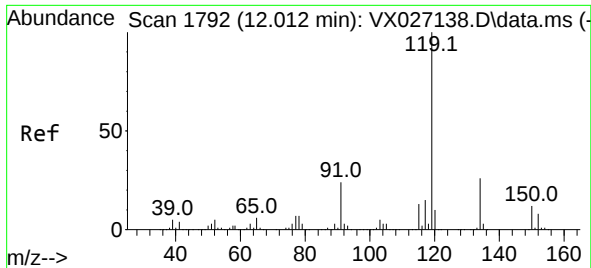
Tgt Ion: 105 Resp: 51417

Ion Ratio Lower Upper

105 100

120 45.5 21.9 65.5

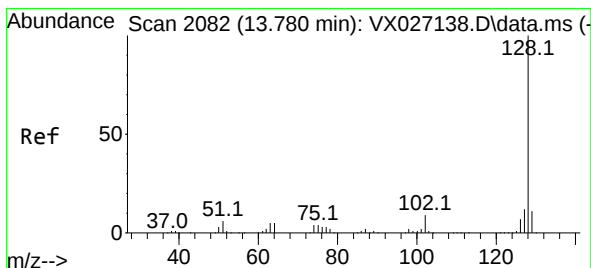
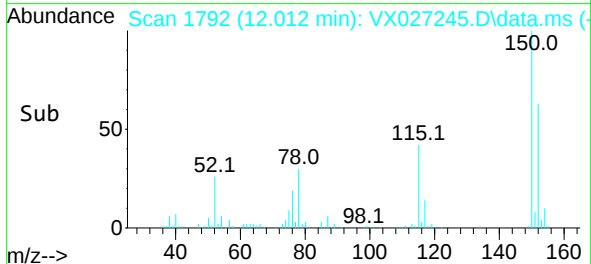
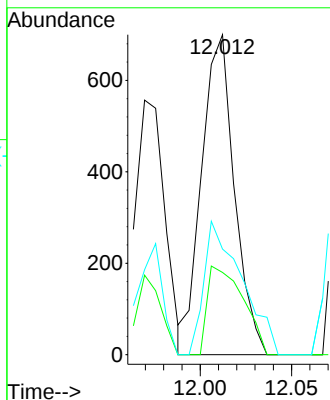
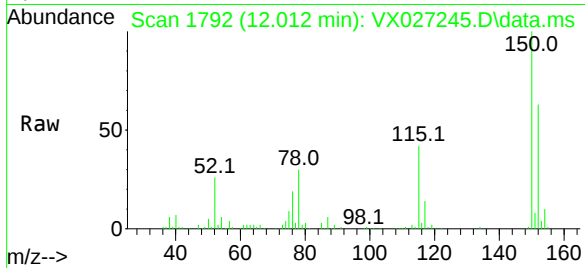




#86
 p-Isopropyltoluene
 Concen: 0.226 ug/l
 RT: 12.012 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VX027245.D
 Acq: 01 Mar 2022 13:56

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27

Tgt Ion:119	Resp:	876
Ion	Ratio	Lower Upper
119	100	
134	30.1	13.0 39.0
91	48.3	12.6 37.6#



#95
 Naphthalene
 Concen: 5.344 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VX027245.D
 Acq: 01 Mar 2022 13:56

Tgt Ion:128	Resp:	23315
Ion	Ratio	Lower Upper
128	100	
127	13.0	10.3 15.5
129	11.5	8.7 13.1

