

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021622\
 Data File : VX027056.D
 Acq On : 16 Feb 2022 17:48
 Operator : JC/MD
 Sample : N1575-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-9R

Quant Time: Feb 17 07:15:24 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)

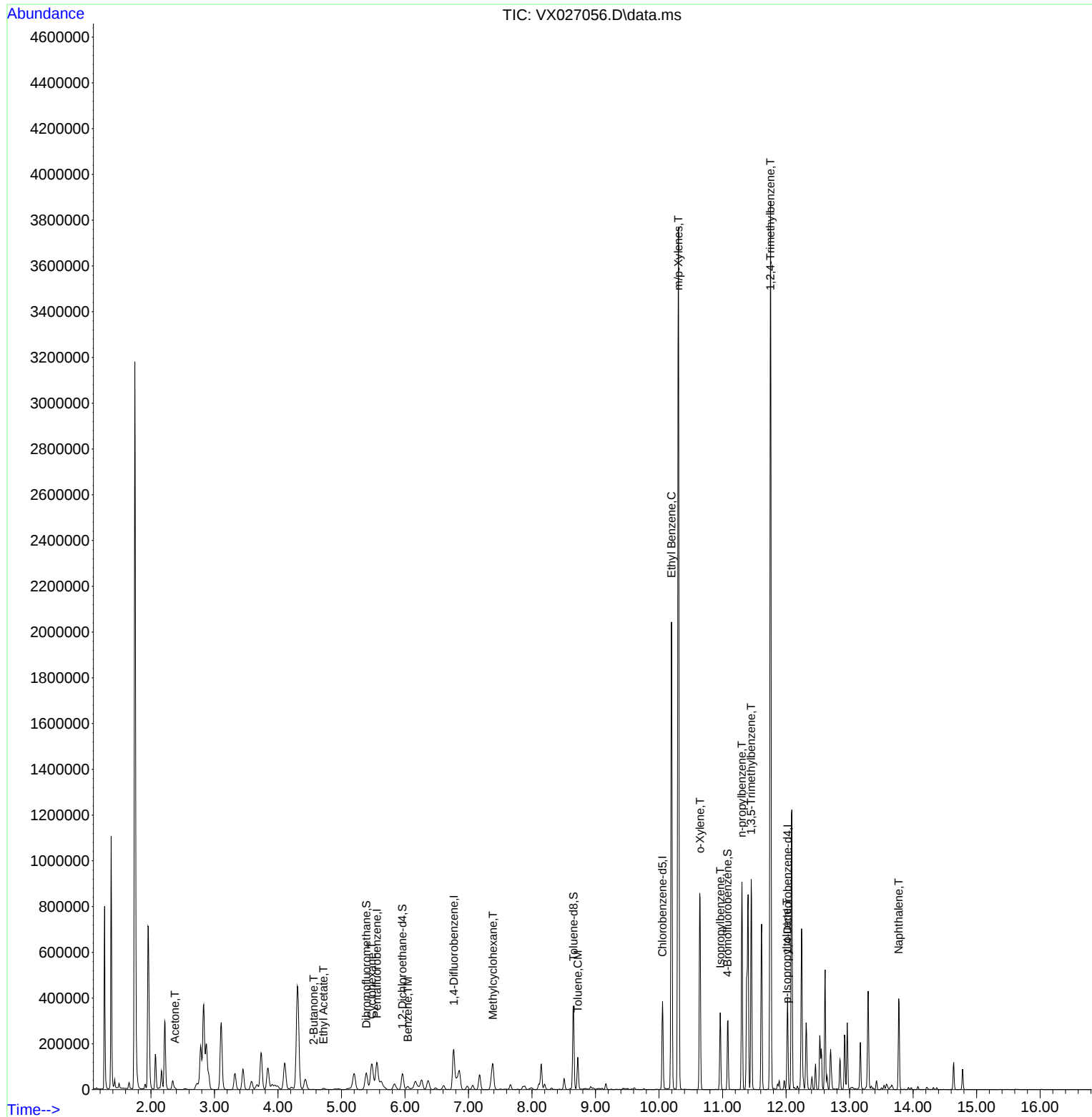
Internal Standards						
1) Pentafluorobenzene	5.556	168	111094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	182247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	173061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	68017	51.004	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.000%	
35) Dibromofluoromethane	5.391	113	56726	52.244	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.480%	
50) Toluene-d8	8.653	98	217224	54.502	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 109.000%	
62) 4-Bromofluorobenzene	11.079	95	82941	59.108	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 118.220%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	5808	9.916	ug/l	98
25) 2-Butanone	4.562	43	1317	1.396	ug/l	98
31) Cyclohexane	5.477	56	83814	39.554	ug/l	95
37) Ethyl Acetate	4.715	43	10655	5.473	ug/l	98
39) Methylcyclohexane	7.385	83	48895	23.276	ug/l	97
40) Benzene	6.044	78	16932	3.392	ug/l	99
52) Toluene	8.720	92	51551	16.310	ug/l	100
67) Ethyl Benzene	10.195	91	1171485	184.935	ug/l	98
68) m/p-Xylenes	10.305	106	879726	360.959	ug/l	95
69) o-Xylene	10.646	106	191051	80.000	ug/l	97
73) Isopropylbenzene	10.963	105	168577	26.806	ug/l	99
78) n-propylbenzene	11.305	91	540588	77.538	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	395138	76.342	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	1676670	321.155	ug/l	96
86) p-Isopropyltoluene	12.012	119	12909	2.437	ug/l #	73
95) Naphthalene	13.774	128	251740	43.086	ug/l	100

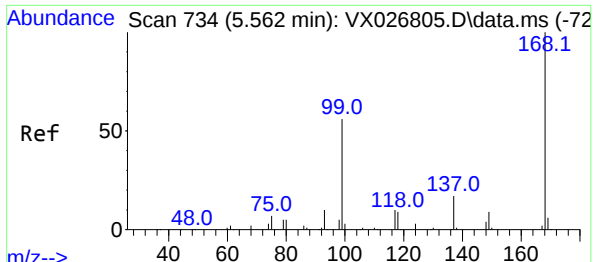
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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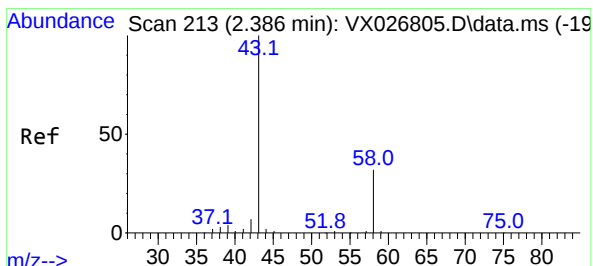
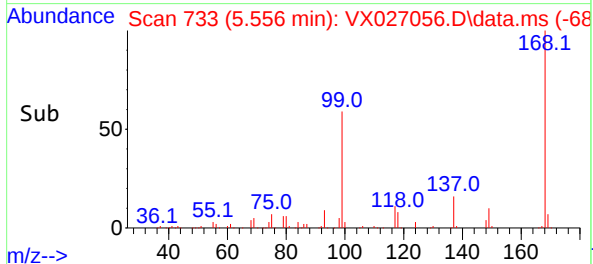
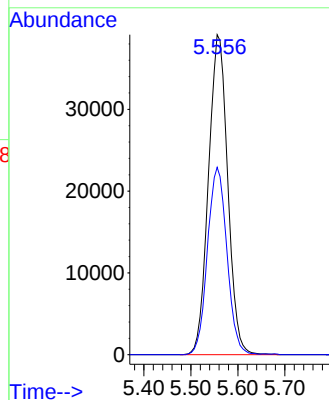
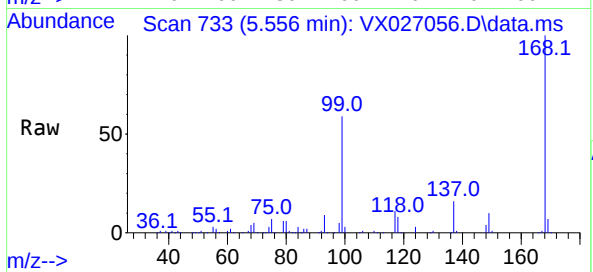




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

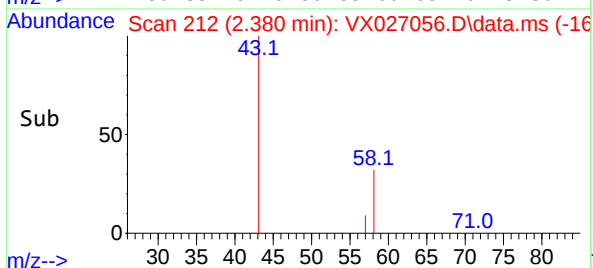
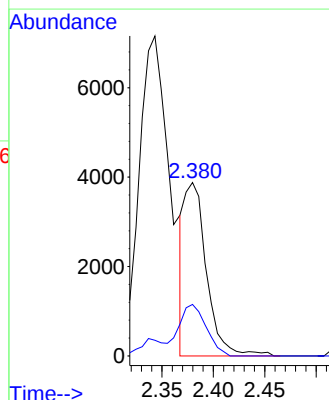
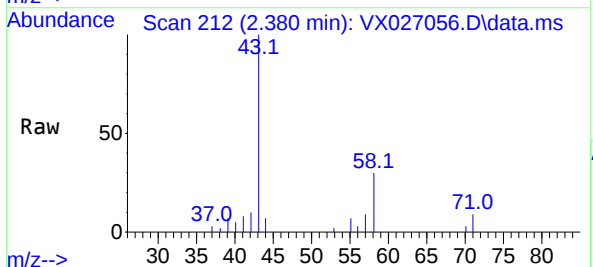
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

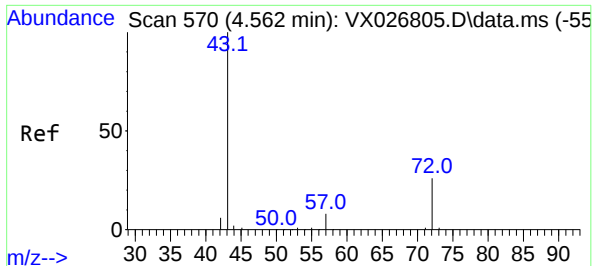
Tgt Ion:168 Resp: 111094
Ion Ratio Lower Upper
168 100
99 58.6 50.3 75.5



#16
Acetone
Concen: 9.916 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

Tgt Ion: 43 Resp: 5808
Ion Ratio Lower Upper
43 100
58 29.7 23.0 34.6

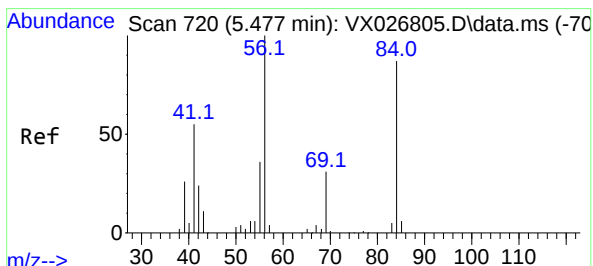
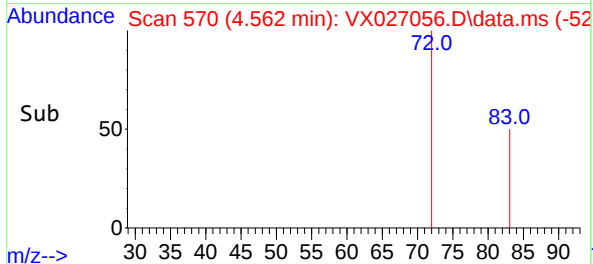
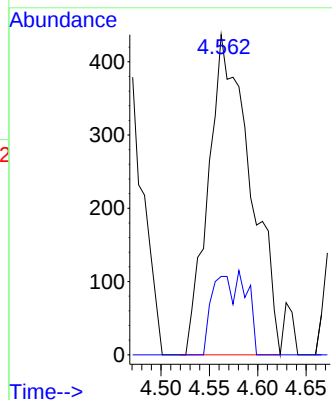
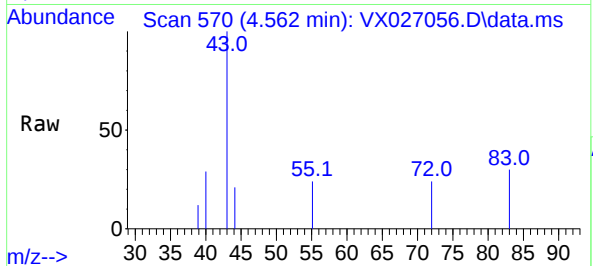




#25
2-Butanone
Concen: 1.396 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

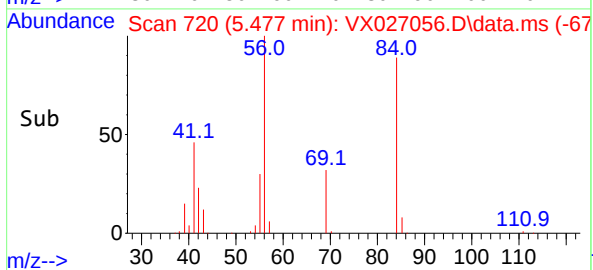
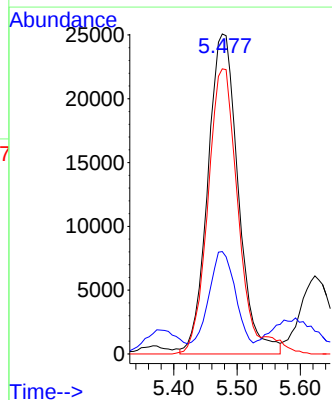
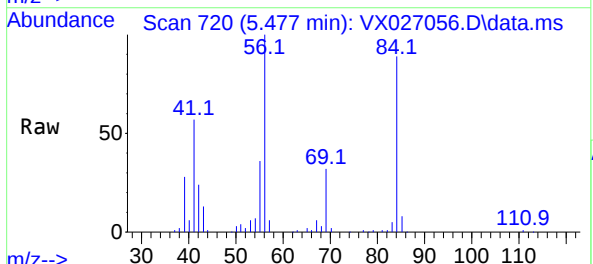
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

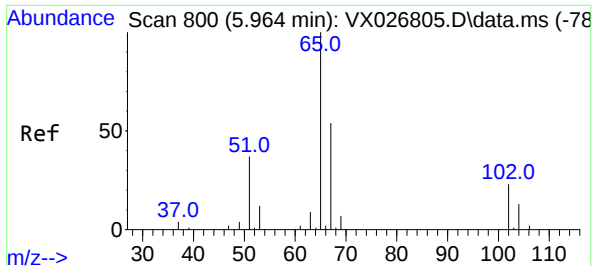
Tgt Ion: 43 Resp: 1317
Ion Ratio Lower Upper
43 100
72 24.5 20.4 30.6



#31
Cyclohexane
Concen: 39.554 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

Tgt Ion: 56 Resp: 83814
Ion Ratio Lower Upper
56 100
69 27.8 25.8 38.6
84 89.9 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 51.004 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027056.D

Acq: 16 Feb 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

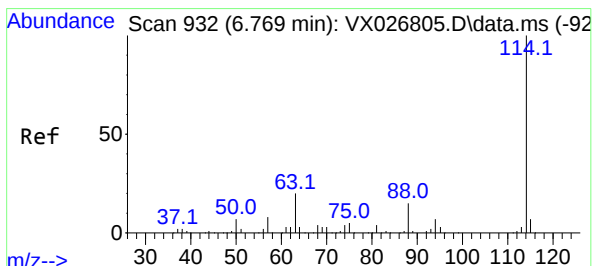
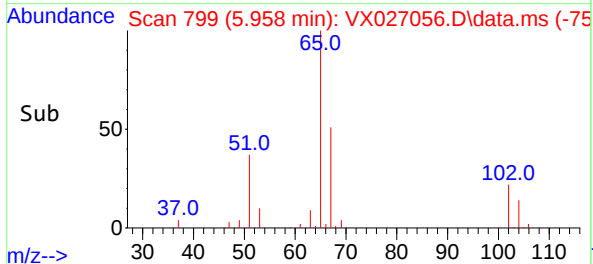
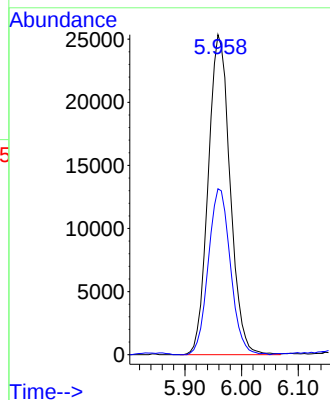
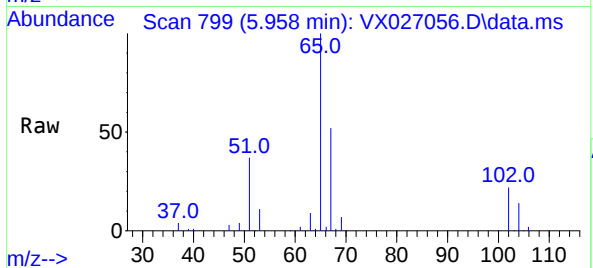
MW-9R

Tgt Ion: 65 Resp: 68017

Ion Ratio Lower Upper

65 100

67 52.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027056.D

Acq: 16 Feb 2022 17:48

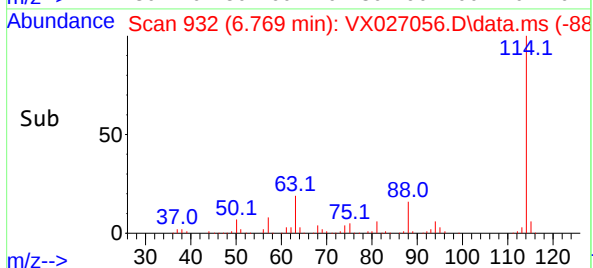
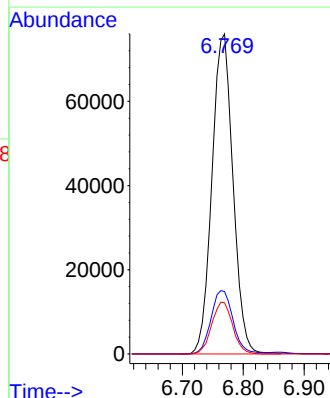
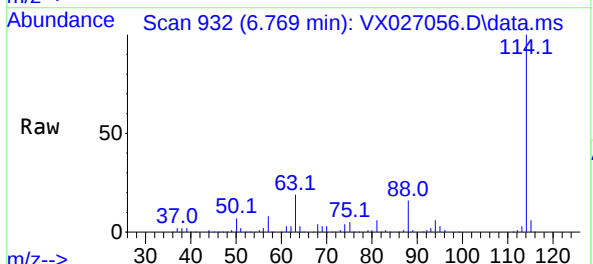
Tgt Ion: 114 Resp: 182247

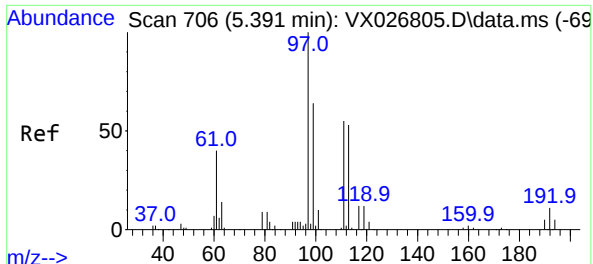
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

88 16.0 0.0 33.0



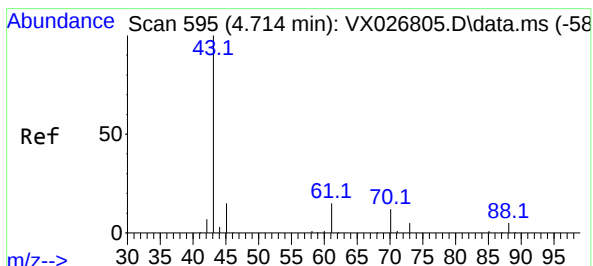
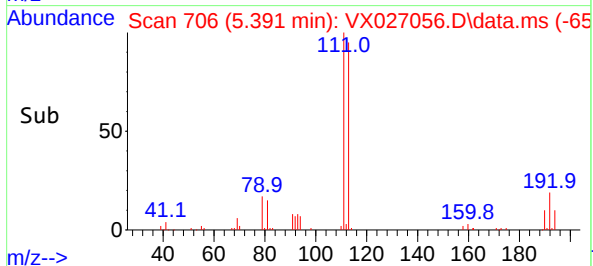
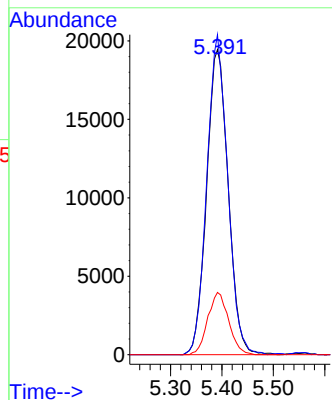
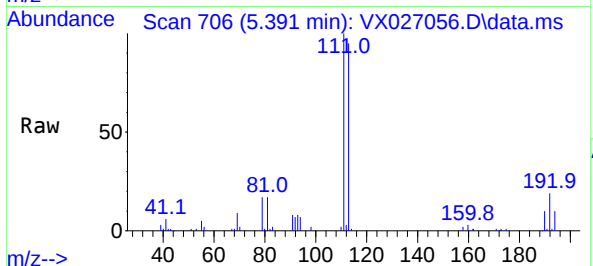


#35
Dibromofluoromethane
Concen: 52.244 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-9R

Tgt Ion:113 Resp: 56726

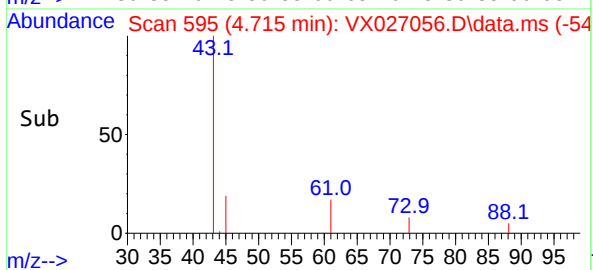
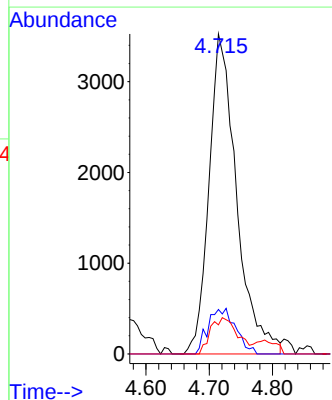
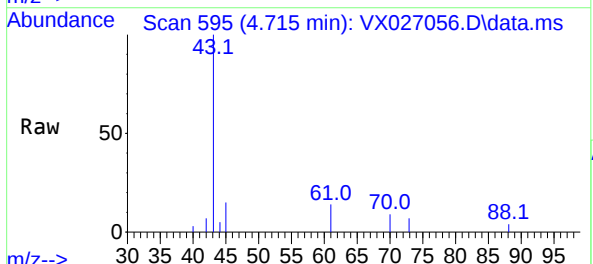
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.2	121.8
192	19.8	15.0	22.4

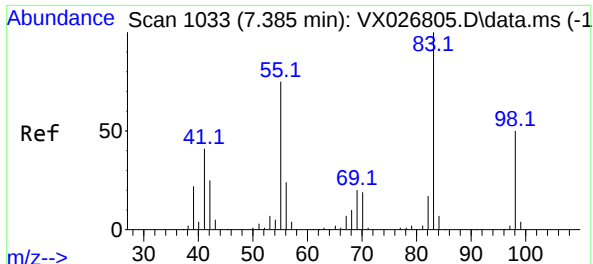


#37
Ethyl Acetate
Concen: 5.473 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

Tgt Ion: 43 Resp: 10655

Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.6	16.0
70	11.1	8.5	12.7





#39

Methylcyclohexane

Concen: 23.276 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VX027056.D

Acq: 16 Feb 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

MW-9R

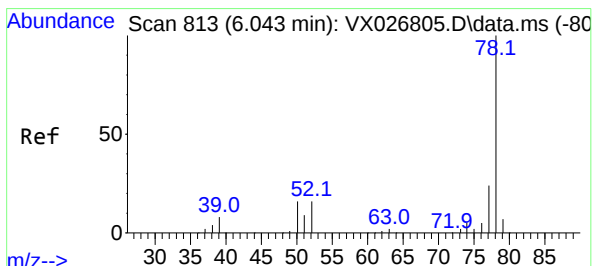
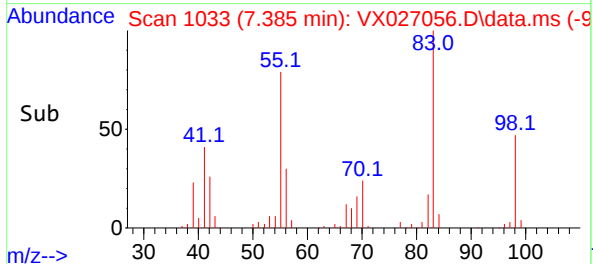
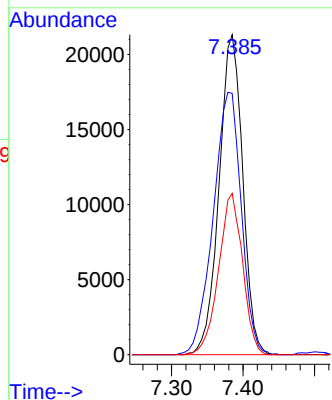
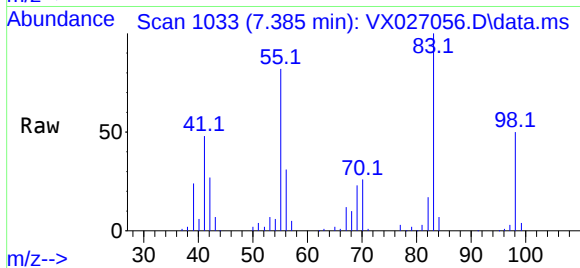
Tgt Ion: 83 Resp: 48895

Ion Ratio Lower Upper

83 100

55 81.7 63.6 95.4

98 50.4 38.4 57.6



#40

Benzene

Concen: 3.392 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX027056.D

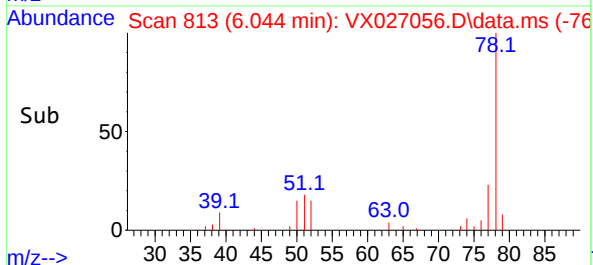
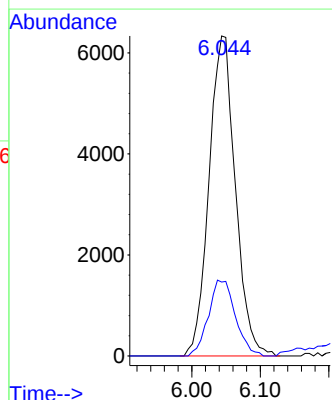
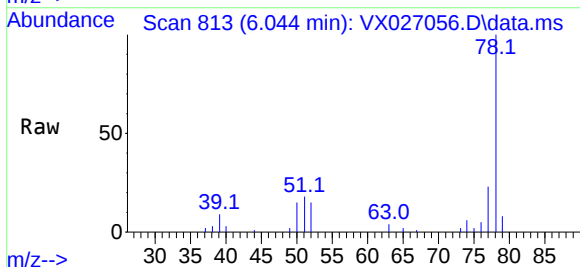
Acq: 16 Feb 2022 17:48

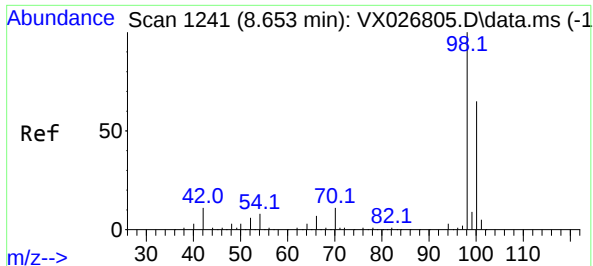
Tgt Ion: 78 Resp: 16932

Ion Ratio Lower Upper

78 100

77 23.1 18.9 28.3

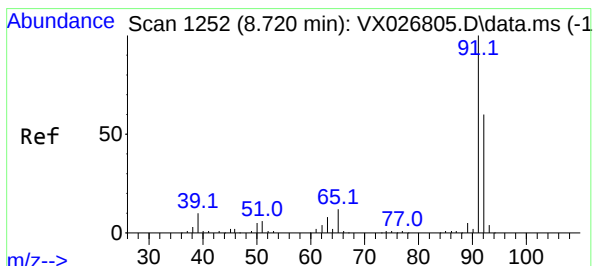
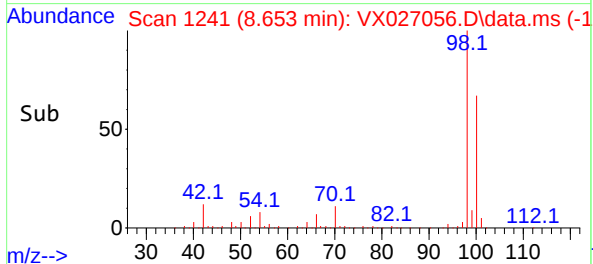
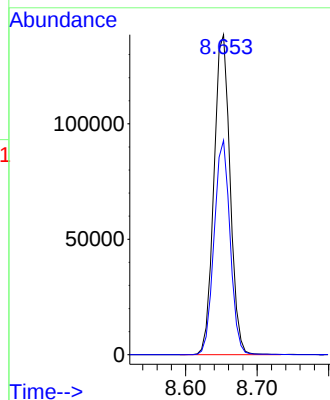
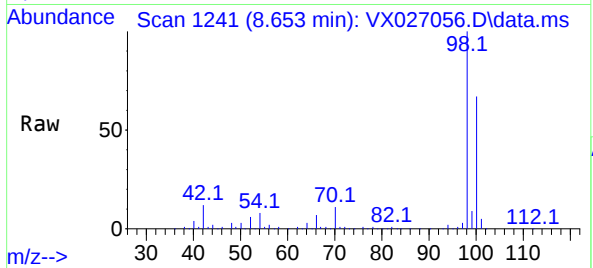




#50
Toluene-d8
Concen: 54.502 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

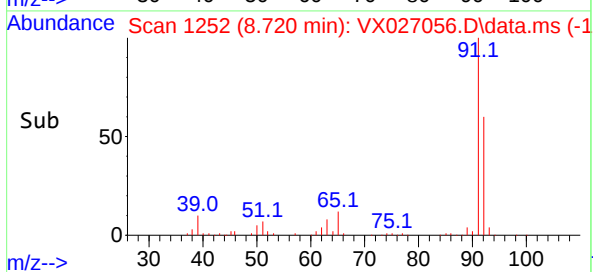
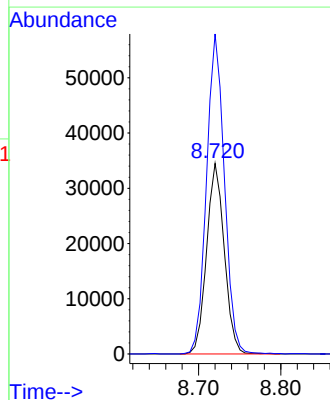
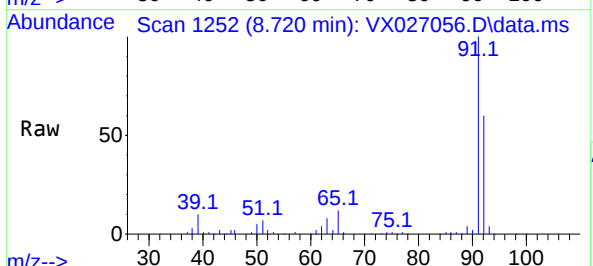
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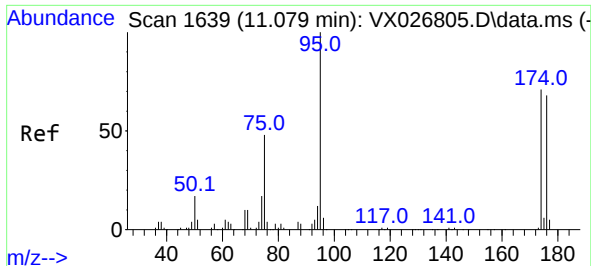
Tgt Ion: 98 Resp: 217224
Ion Ratio Lower Upper
98 100
100 66.3 53.2 79.8



#52
Toluene
Concen: 16.310 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

Tgt Ion: 92 Resp: 51551
Ion Ratio Lower Upper
92 100
91 170.0 135.7 203.5

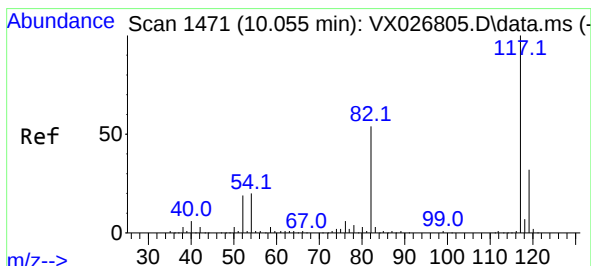
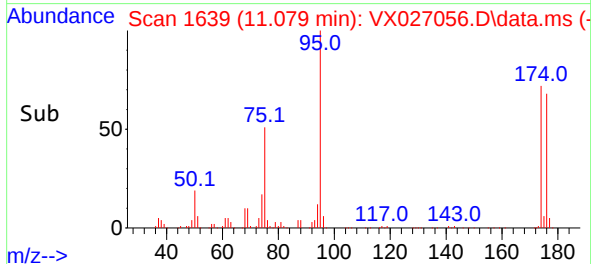
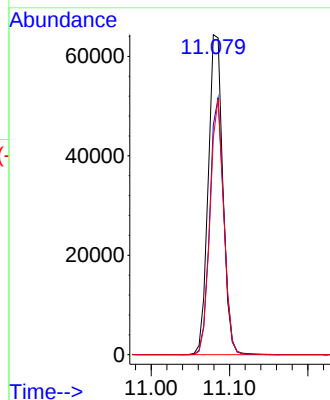
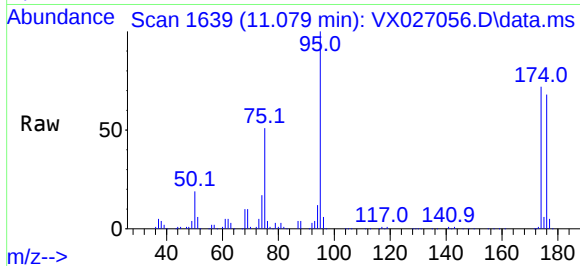




#62
4-Bromofluorobenzene
Concen: 59.108 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

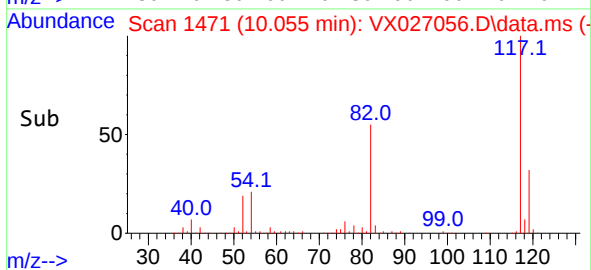
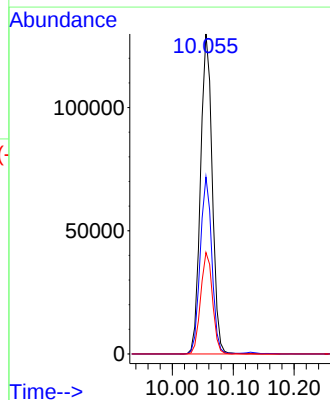
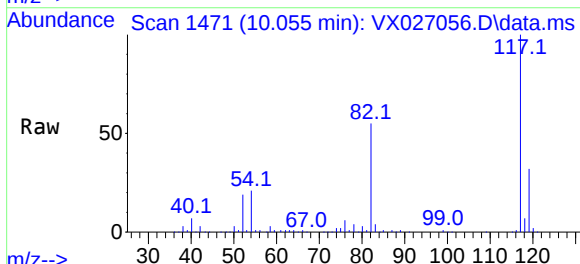
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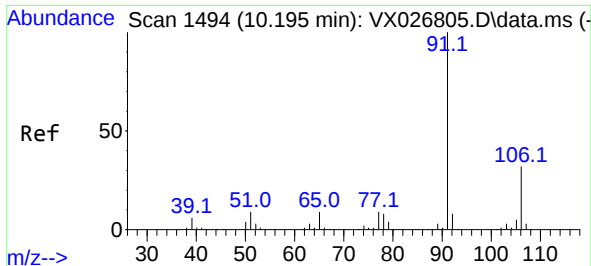
Tgt Ion: 95 Resp: 82941
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.6
176 75.1 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

Tgt Ion: 117 Resp: 173061
Ion Ratio Lower Upper
117 100
82 55.3 45.2 67.8
119 31.7 26.2 39.2





#67

Ethyl Benzene

Concen: 184.935 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX027056.D

Acq: 16 Feb 2022 17:48

Instrument :

MSVOA_X

ClientSampleId :

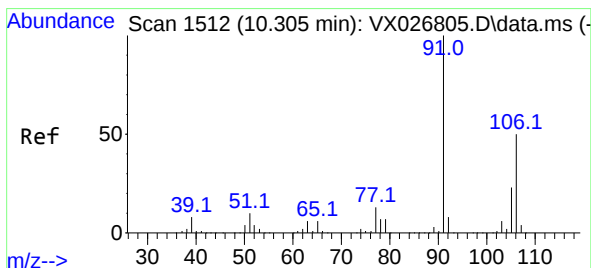
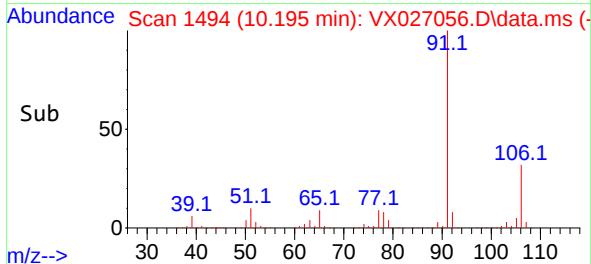
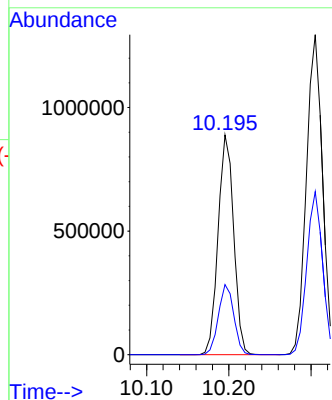
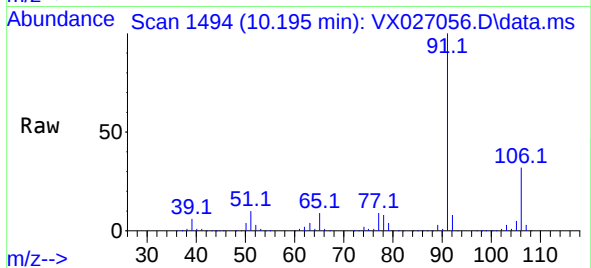
MW-9R

Tgt Ion: 91 Resp: 1171485

Ion Ratio Lower Upper

91 100

106 31.9 24.7 37.1



#68

m/p-Xylenes

Concen: 360.959 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX027056.D

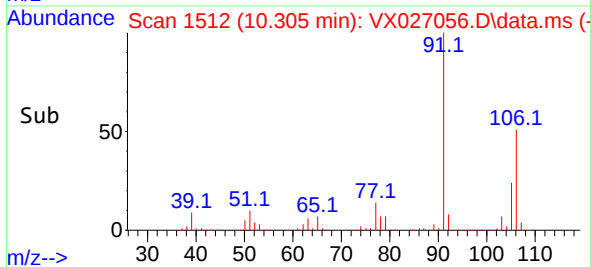
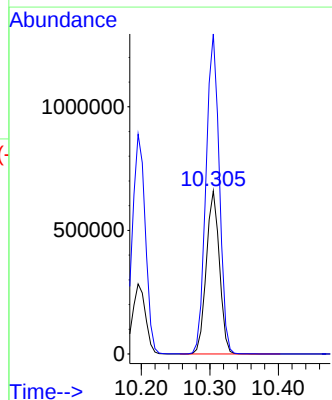
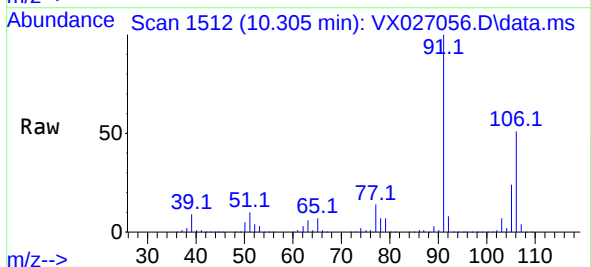
Acq: 16 Feb 2022 17:48

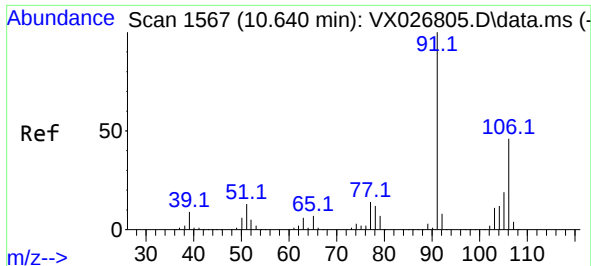
Tgt Ion:106 Resp: 879726

Ion Ratio Lower Upper

106 100

91 199.2 165.3 247.9

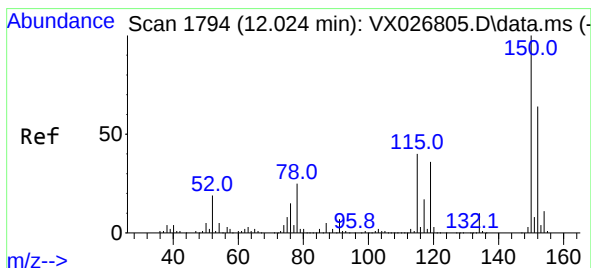
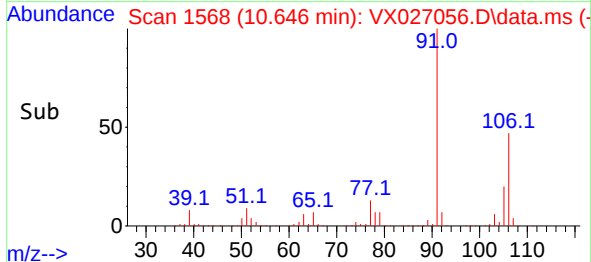
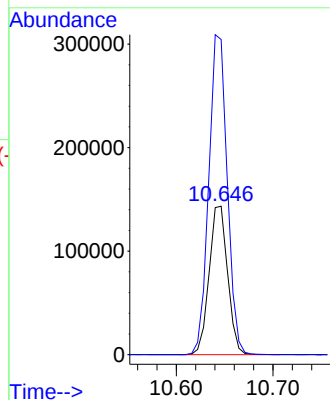
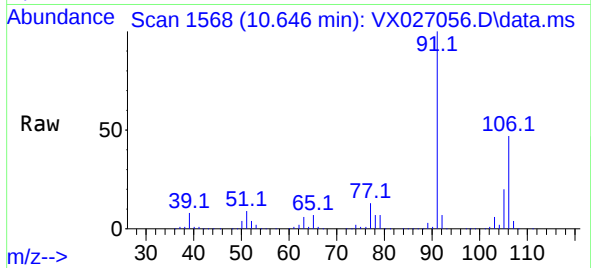




#69
o-Xylene
Concen: 80.000 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

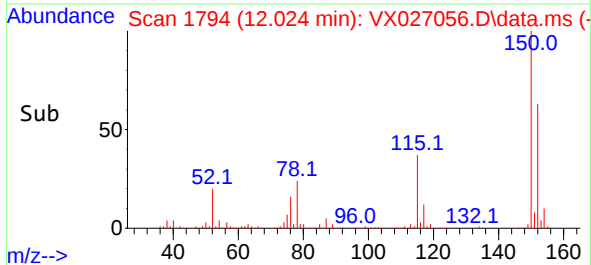
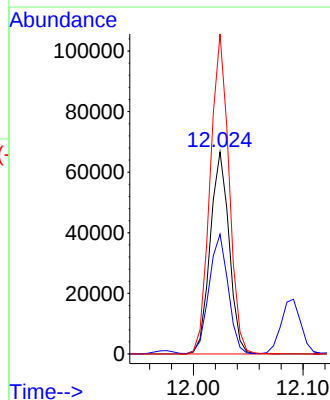
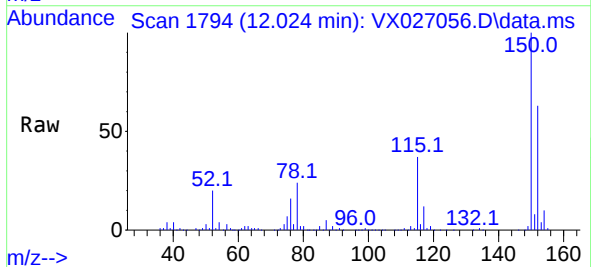
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

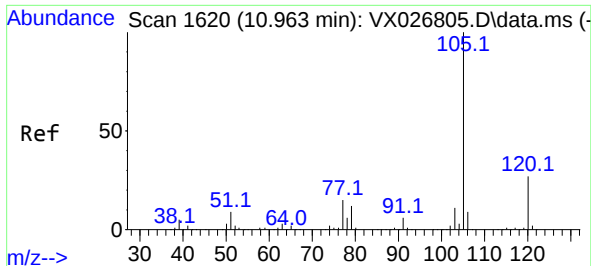
Tgt Ion:106 Resp: 191051
Ion Ratio Lower Upper
106 100
91 215.2 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

Tgt Ion:152 Resp: 79841
Ion Ratio Lower Upper
152 100
115 59.7 44.2 132.6
150 157.8 0.0 348.2

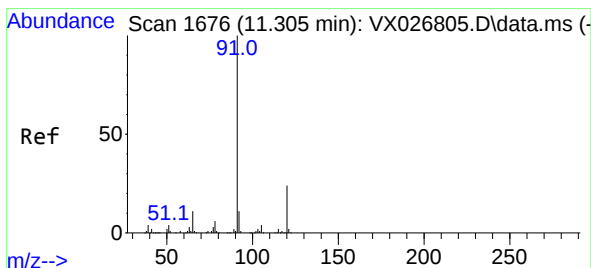
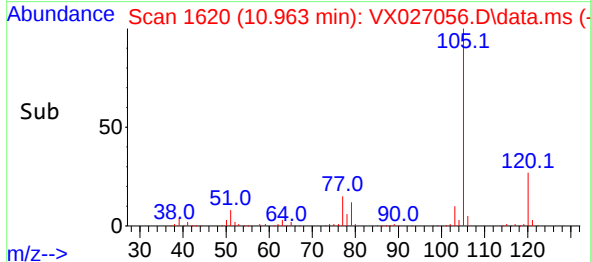
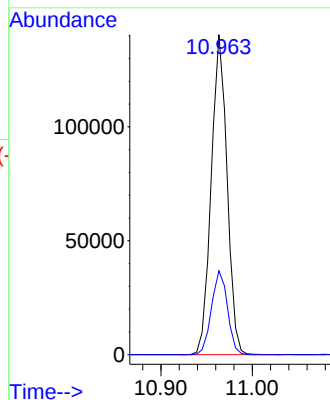
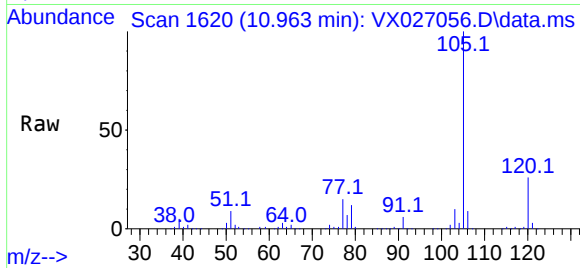




#73
Isopropylbenzene
Concen: 26.806 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

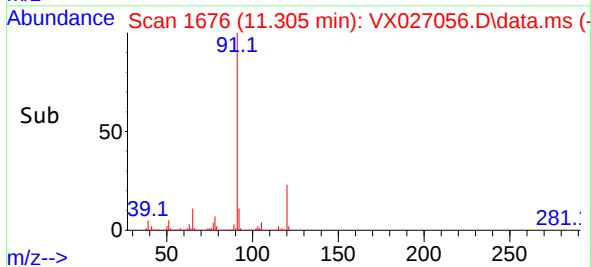
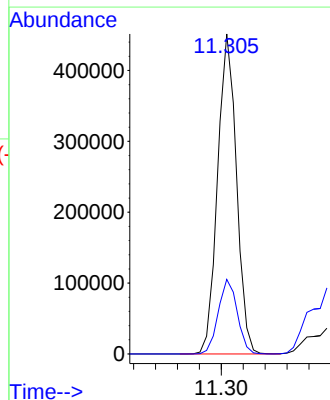
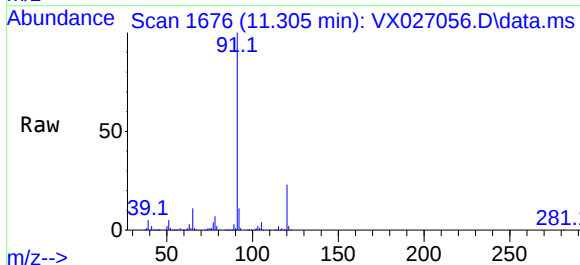
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

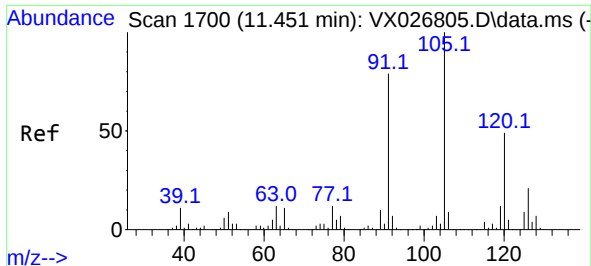
Tgt Ion:105 Resp: 168577
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#78
n-propylbenzene
Concen: 77.538 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

Tgt Ion: 91 Resp: 540588
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.7

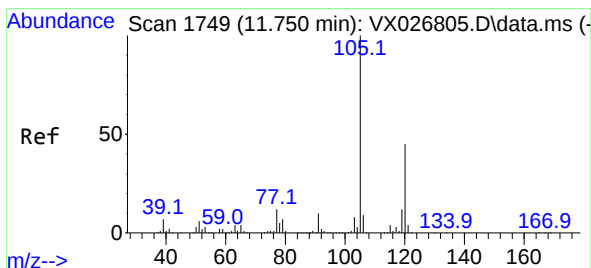
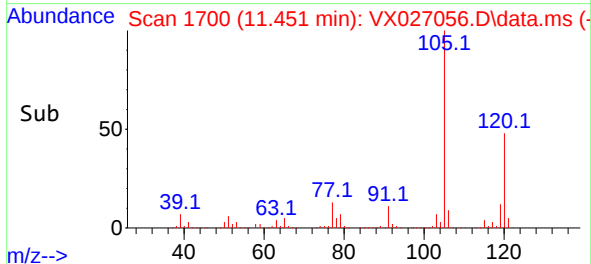
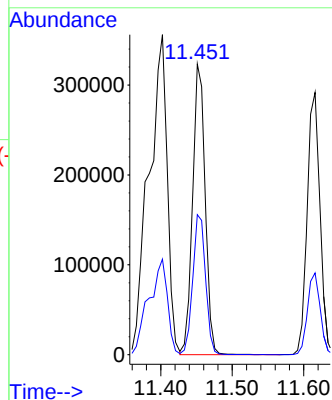
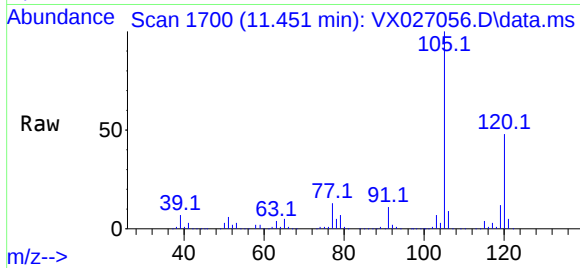




#80
1,3,5-Trimethylbenzene
Concen: 76.342 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

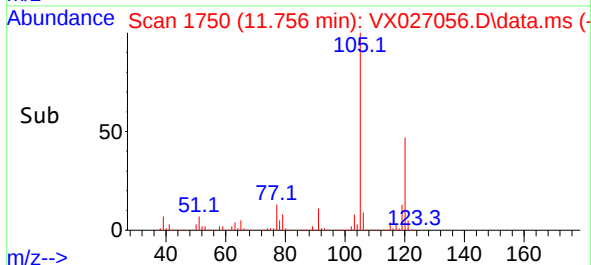
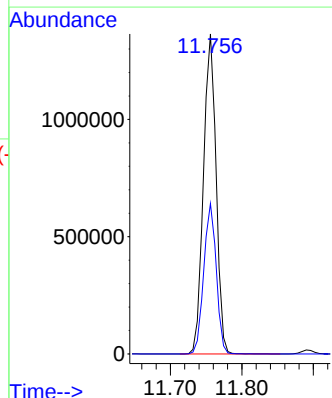
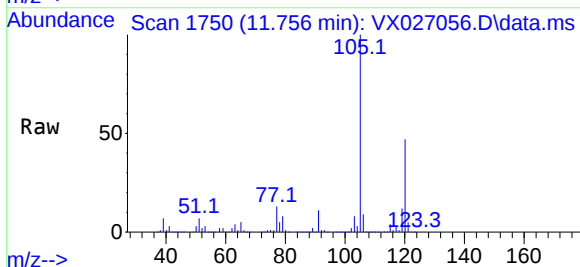
Instrument :
MSVOA_X
ClientSampleId :
MW-9R

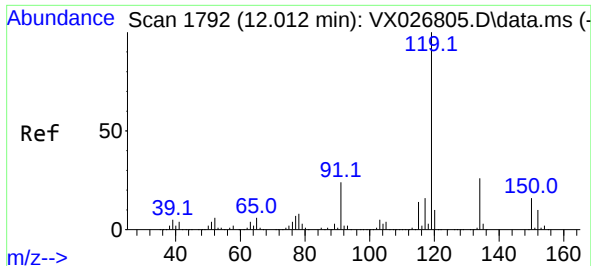
Tgt Ion:105 Resp: 395138
Ion Ratio Lower Upper
105 100
120 49.0 24.0 72.0



#84
1,2,4-Trimethylbenzene
Concen: 321.155 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

Tgt Ion:105 Resp: 1676670
Ion Ratio Lower Upper
105 100
120 46.5 21.9 65.5

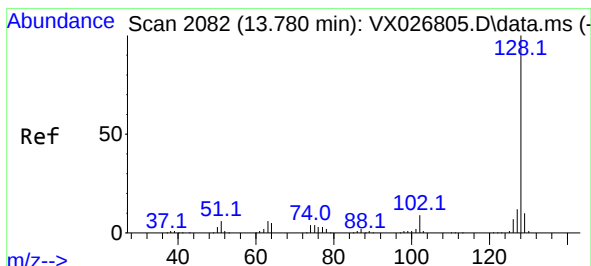
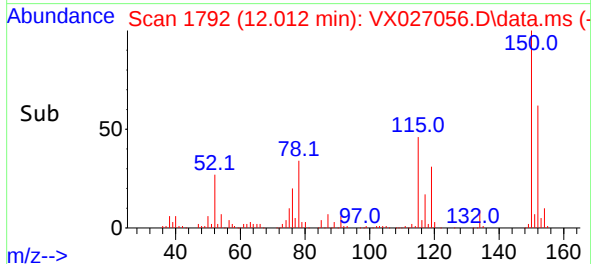
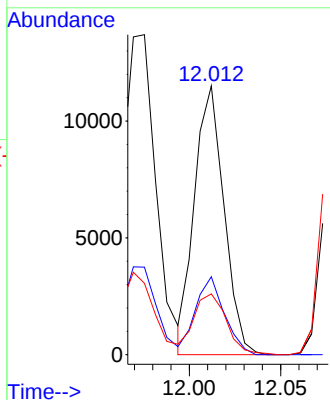
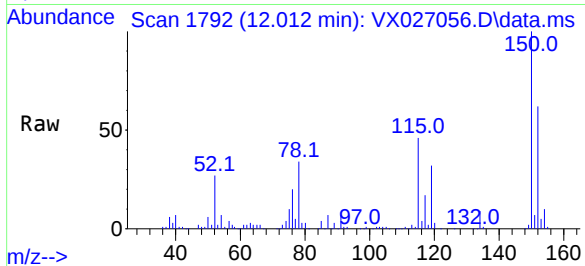




#86
p-Isopropyltoluene
Concen: 2.437 ug/l
RT: 12.012 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

Instrument :
MSVOA_X
ClientSampleId :
MW-9R

Tgt Ion:119 Resp: 12909
Ion Ratio Lower Upper
119 100
134 28.5 13.0 39.0
91 0.0 12.6 37.6#



#95
Naphthalene
Concen: 43.086 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX027056.D
Acq: 16 Feb 2022 17:48

Tgt Ion:128 Resp: 251740
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.7 13.1

