

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010622\
 Data File : VX026380.D
 Acq On : 06 Jan 2022 17:49
 Operator : JC/MD
 Sample : N1020-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-36

Quant Time: Jan 07 04:17:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X123021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 30 08:02:21 2021
 Response via : Initial Calibration

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

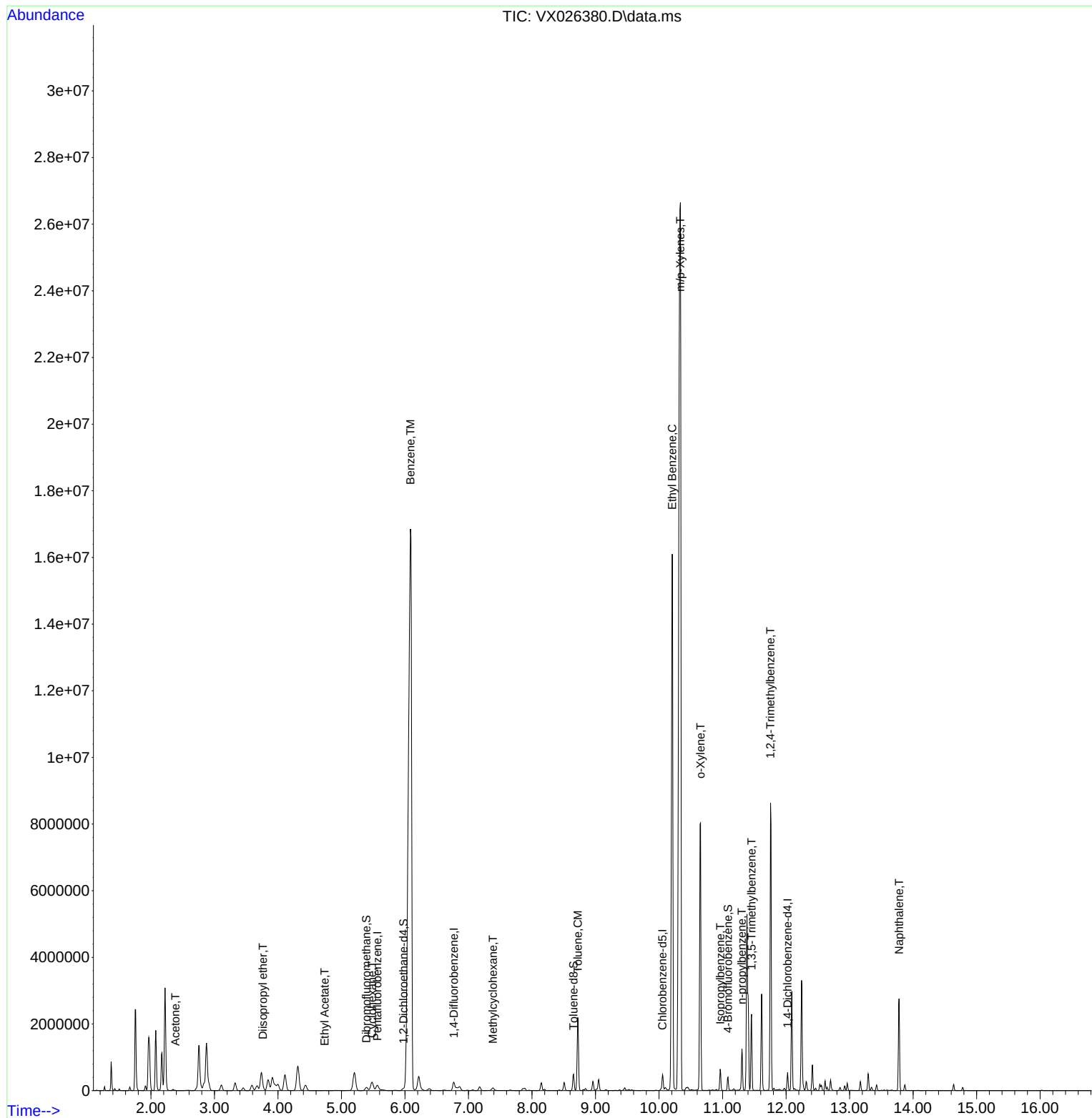
Internal Standards						
1) Pentafluorobenzene	5.562	168	148878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	248268	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.977	65	103734	48.163	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.320%		
35) Dibromofluoromethane	5.391	113	78491	48.629	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	8.653	98	282662	47.081	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.160%		
62) 4-Bromofluorobenzene	11.085	95	108646	50.834	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.660%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	9289	7.960	ug/l	91
22) Diisopropyl ether	3.764	45	52654	8.468	ug/l #	75
31) Cyclohexane	5.483	56	180835	58.957	ug/l	96
37) Ethyl Acetate	4.733	43	5657	1.874	ug/l	97
39) Methylcyclohexane	7.385	83	31096	10.589	ug/l	92
40) Benzene	6.086	78	23162677	3117.484	ug/l #	78
52) Toluene	8.720	92	805808	176.170	ug/l	98
67) Ethyl Benzene	10.208	91	9489006	1151.673	ug/l #	82
68) m/p-Xylenes	10.336	106	10671127	3468.715	ug/l	77
69) o-Xylene	10.653	106	1836795	610.221	ug/l	98
73) Isopropylbenzene	10.963	105	318161	39.399	ug/l	98
78) n-propylbenzene	11.305	91	656387	70.695	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	983724	146.791	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	3682480	549.940	ug/l	97
95) Naphthalene	13.780	128	1715705	213.680	ug/l	99

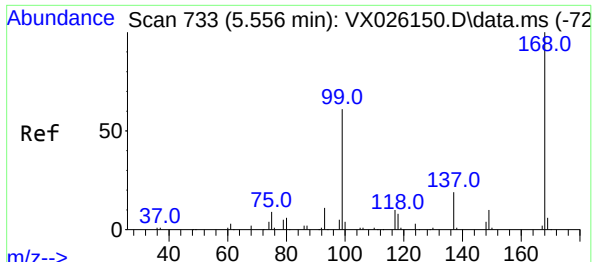
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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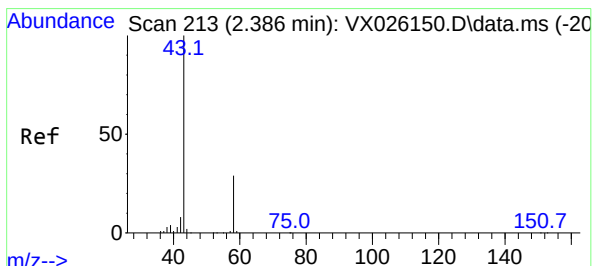
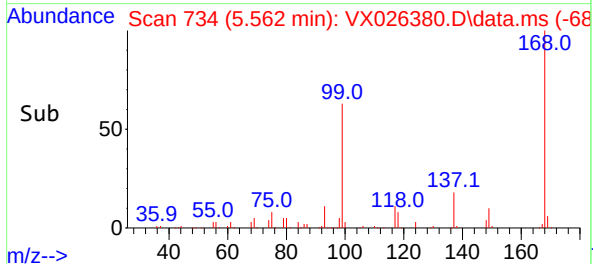
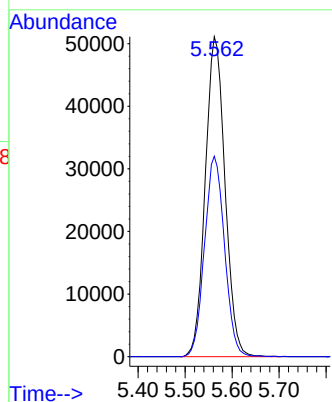
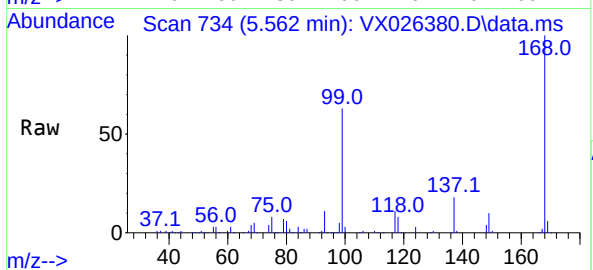




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

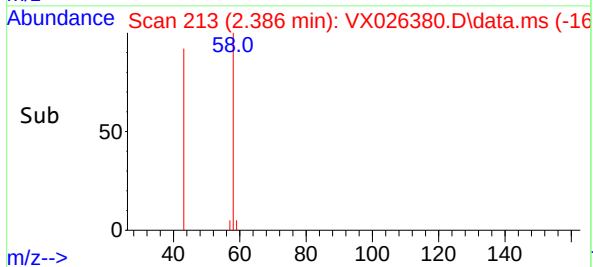
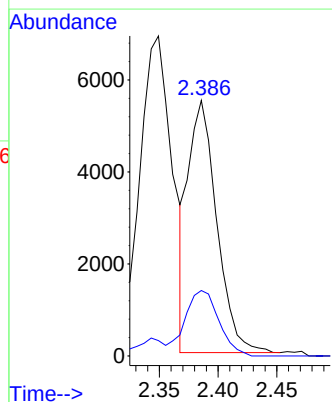
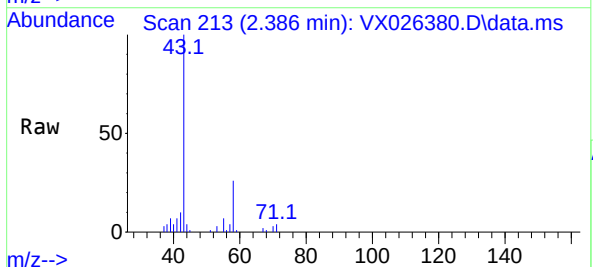
Instrument :
MSVOA_X
ClientSampleId :
MW-36

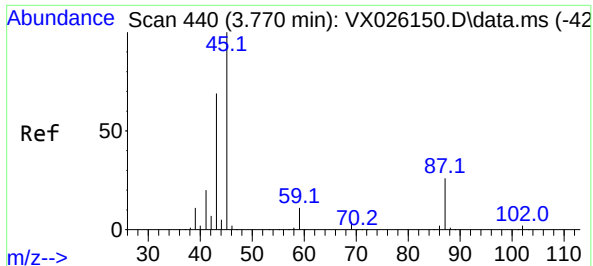
Tgt Ion:168 Resp: 148878
Ion Ratio Lower Upper
168 100
99 62.7 45.8 68.8



#16
Acetone
Concen: 7.960 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

Tgt Ion: 43 Resp: 9289
Ion Ratio Lower Upper
43 100
58 25.9 24.8 37.2



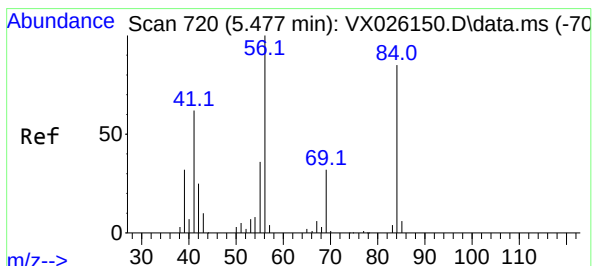
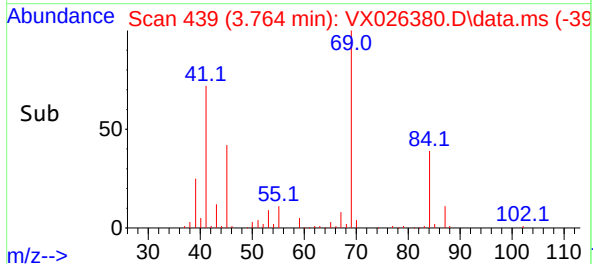
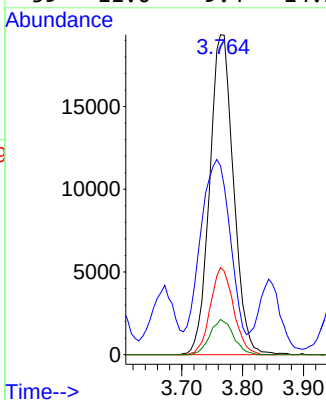
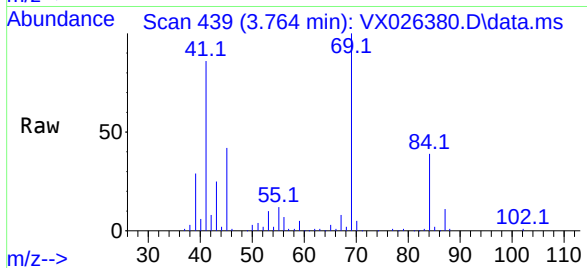


#22
Diisopropyl ether
Concen: 8.468 ug/l
RT: 3.764 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

Instrument :
MSVOA_X
ClientSampleId :
MW-36

Tgt Ion: 45 Resp: 52654

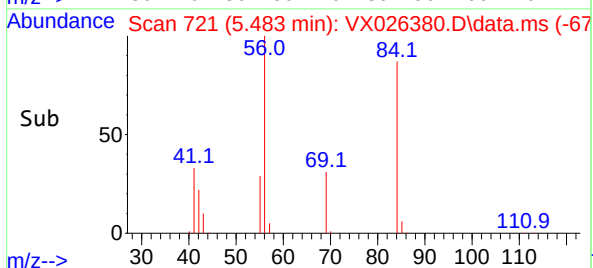
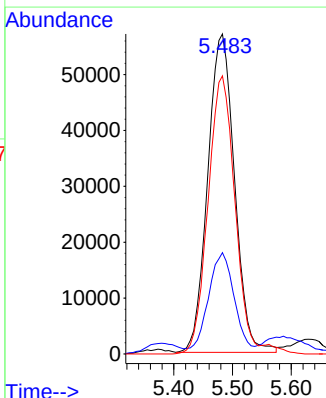
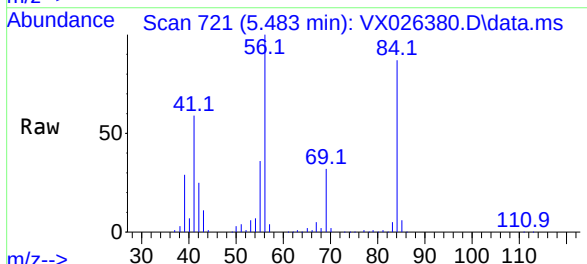
Ion	Ratio	Lower	Upper
45	100		
43	47.9	63.8	95.6#
87	27.2	24.2	36.4
59	11.0	9.4	14.2

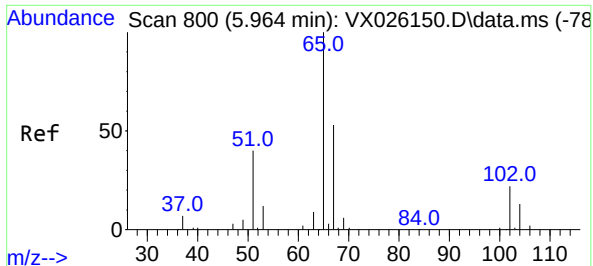


#31
Cyclohexane
Concen: 58.957 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

Tgt Ion: 56 Resp: 180835

Ion	Ratio	Lower	Upper
56	100		
69	29.4	23.9	35.9
84	87.2	73.2	109.8





#33

1,2-Dichloroethane-d4

Concen: 48.163 ug/l

RT: 5.977 min Scan# 80

Delta R.T. 0.013 min

Lab File: VX026380.D

Acq: 06 Jan 2022 17:49

Instrument :

MSVOA_X

ClientSampleId :

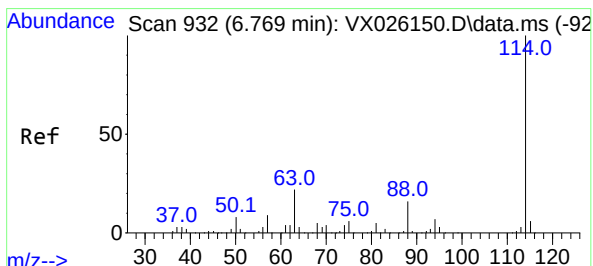
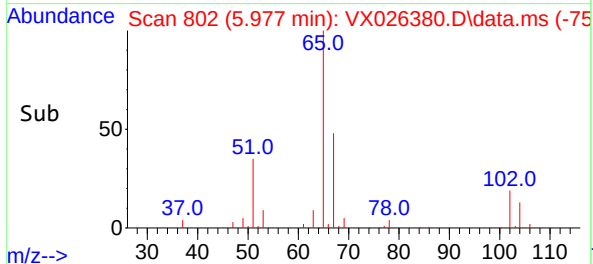
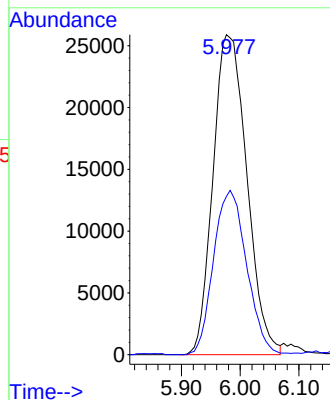
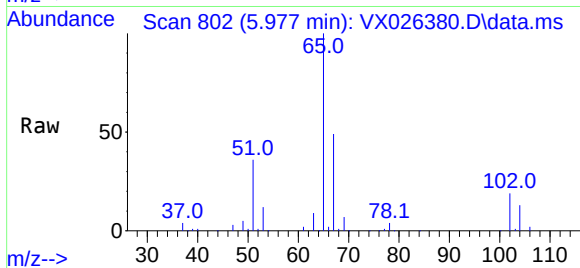
MW-36

Tgt Ion: 65 Resp: 103734

Ion Ratio Lower Upper

65 100

67 50.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX026380.D

Acq: 06 Jan 2022 17:49

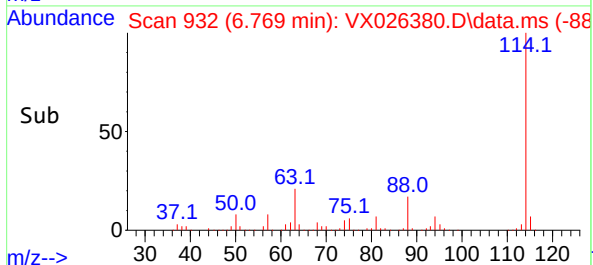
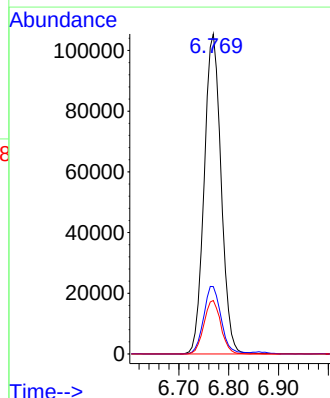
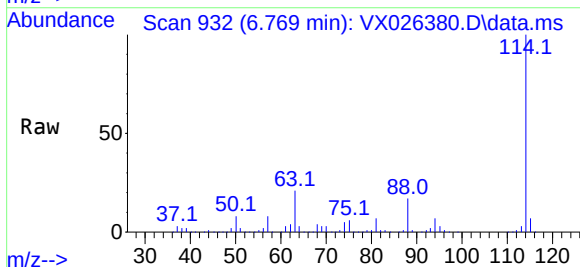
Tgt Ion:114 Resp: 248268

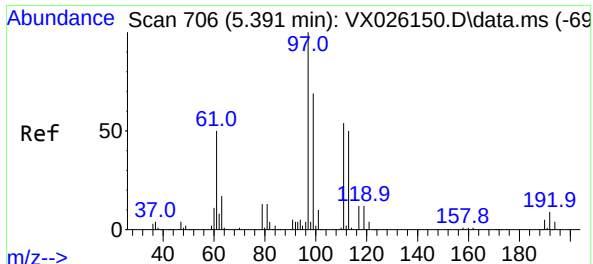
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

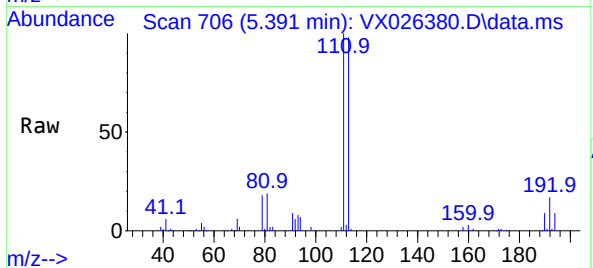
88 16.7 0.0 30.6



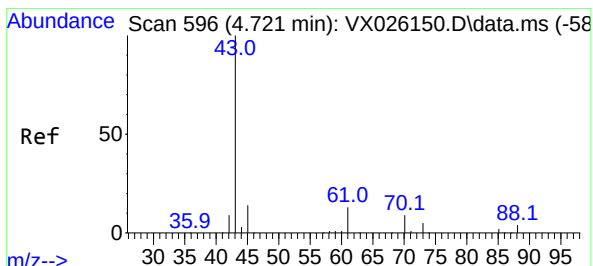
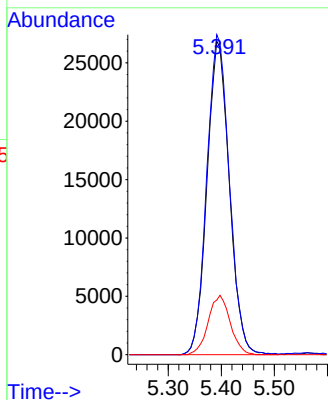
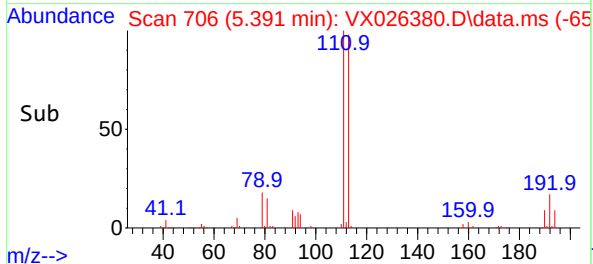


#35
Dibromofluoromethane
Concen: 48.629 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

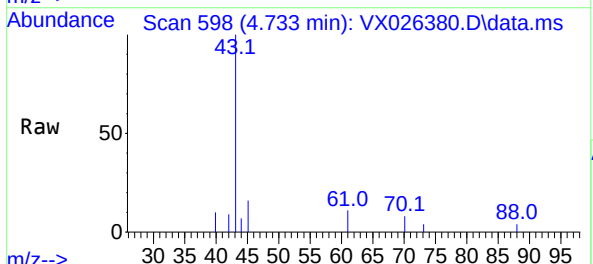
Instrument :
MSVOA_X
ClientSampleId :
MW-36



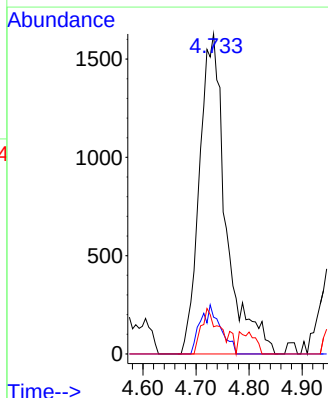
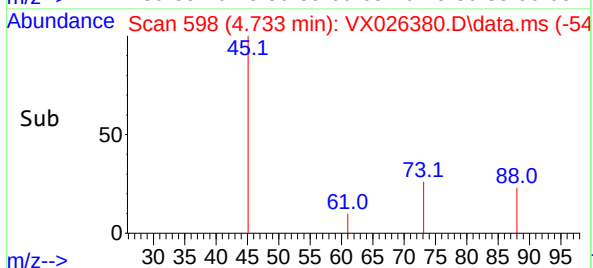
Tgt Ion:113 Resp: 78491
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.8
192 18.7 15.0 22.4

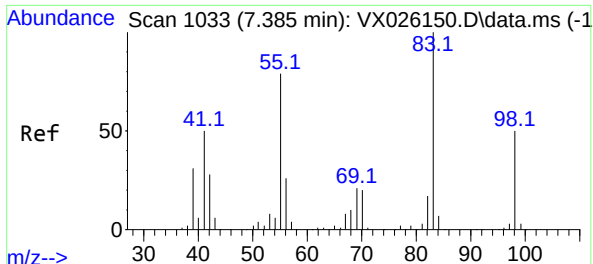


#37
Ethyl Acetate
Concen: 1.874 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.012 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49



Tgt Ion: 43 Resp: 5657
Ion Ratio Lower Upper
43 100
61 11.5 10.7 16.1
70 10.4 8.5 12.7





#39

Methylcyclohexane

Concen: 10.589 ug/l

RT: 7.385 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX026380.D

Acq: 06 Jan 2022 17:49

Instrument :

MSVOA_X

ClientSampleId :

MW-36

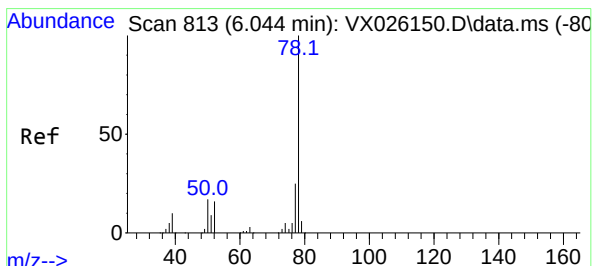
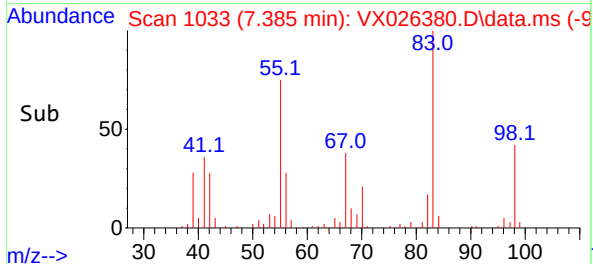
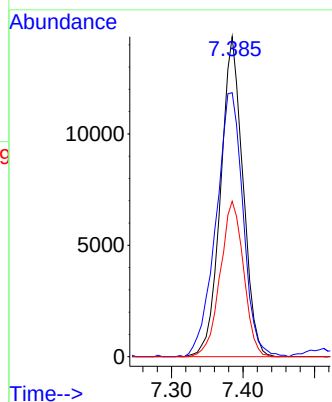
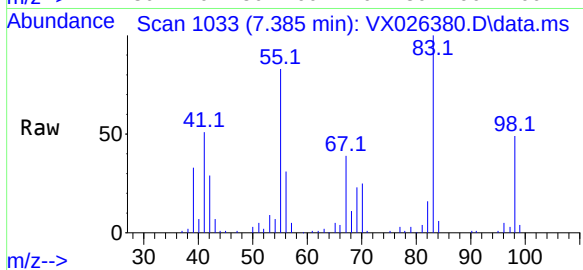
Tgt Ion: 83 Resp: 31096

Ion Ratio Lower Upper

83 100

55 82.1 57.8 86.8

98 48.5 40.5 60.7



#40

Benzene

Concen: 3117.484 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.042 min

Lab File: VX026380.D

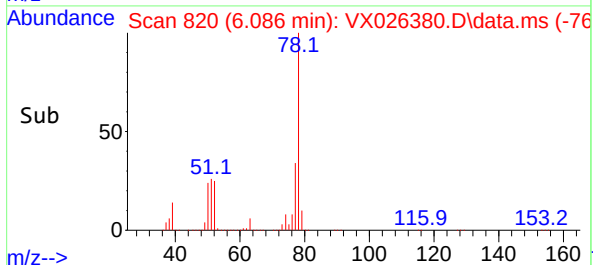
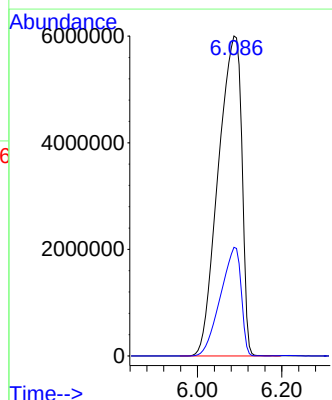
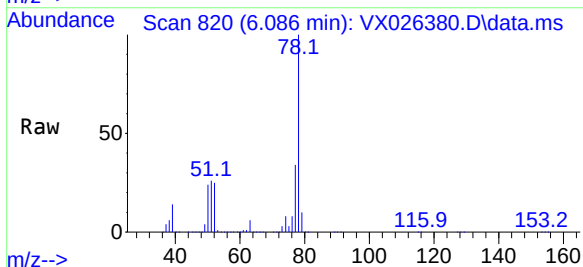
Acq: 06 Jan 2022 17:49

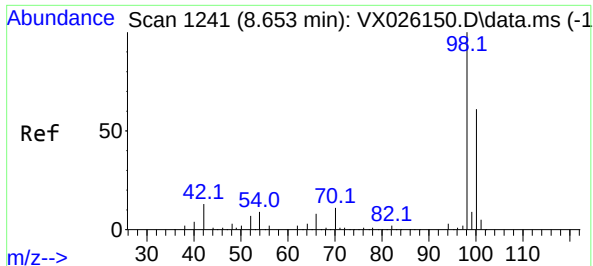
Tgt Ion: 78 Resp: 23162677

Ion Ratio Lower Upper

78 100

77 33.9 18.6 27.8#

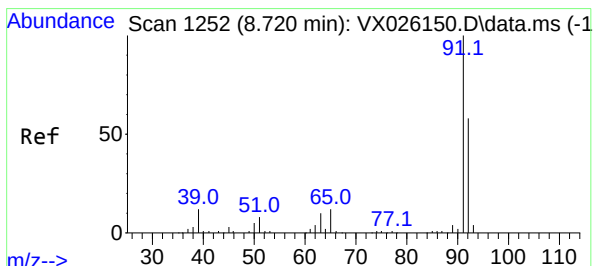
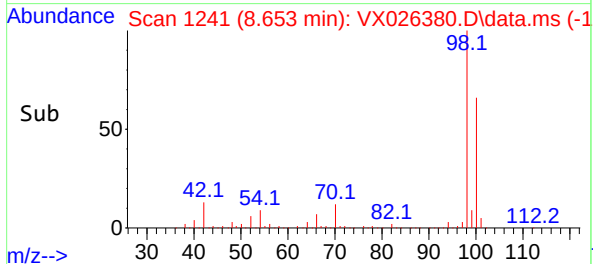
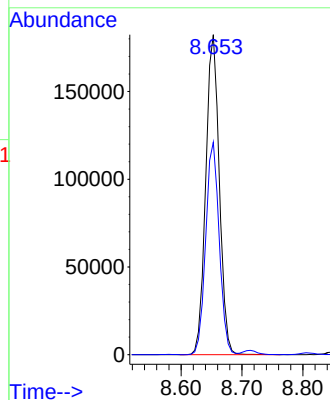
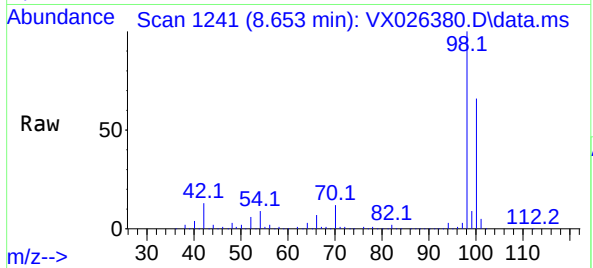




#50
Toluene-d8
Concen: 47.081 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

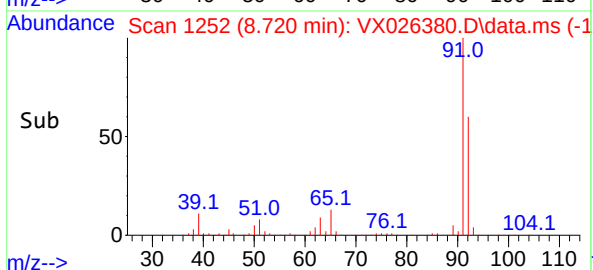
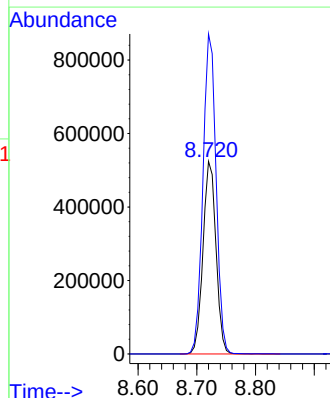
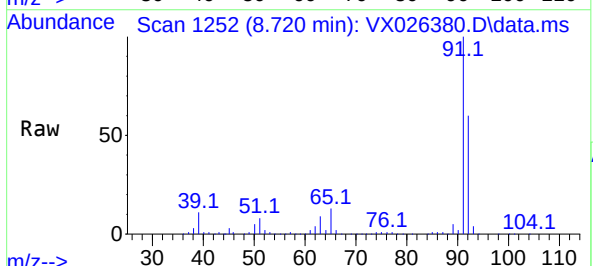
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MW-36

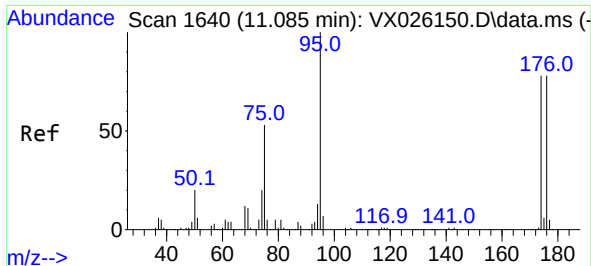
Tgt Ion: 98 Resp: 282662
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8



#52
Toluene
Concen: 176.170 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

Tgt Ion: 92 Resp: 805808
Ion Ratio Lower Upper
92 100
91 167.7 136.0 204.0

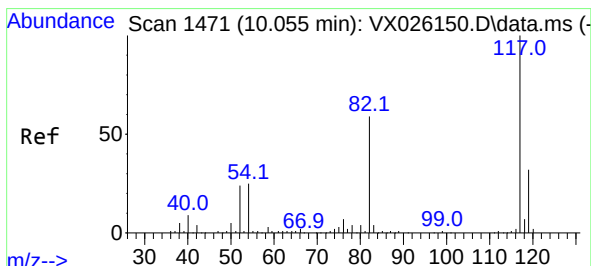
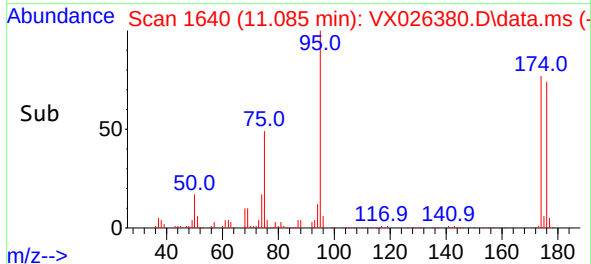
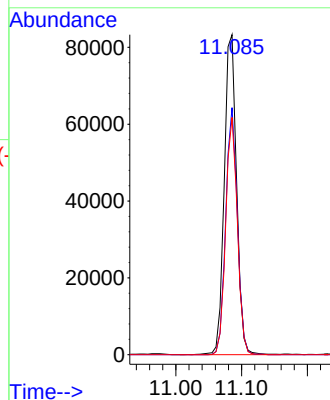
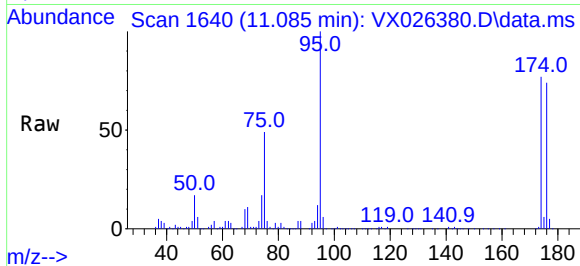




#62
4-Bromofluorobenzene
Concen: 50.834 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

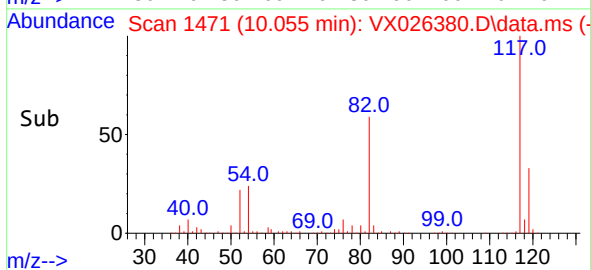
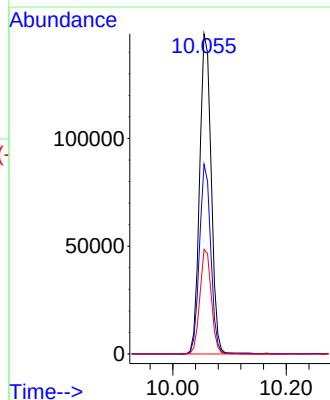
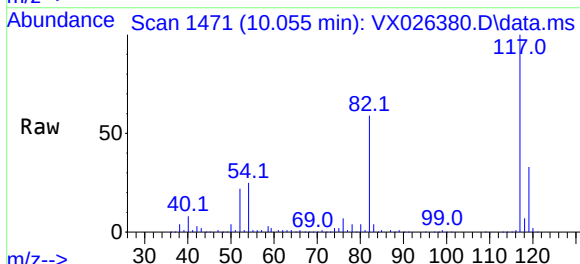
Instrument :
MSVOA_X
ClientSampleId :
MW-36

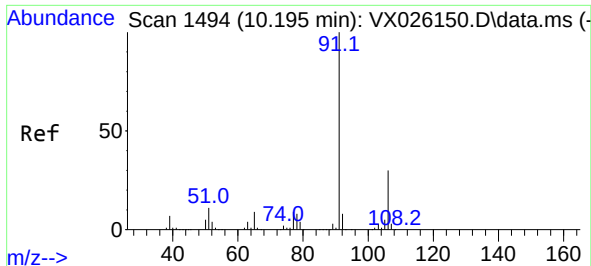
Tgt Ion: 95 Resp: 108646
Ion Ratio Lower Upper
95 100
174 72.8 0.0 157.4
176 70.1 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

Tgt Ion: 117 Resp: 209761
Ion Ratio Lower Upper
117 100
82 59.3 43.8 65.6
119 32.7 25.2 37.8





#67

Ethyl Benzene

Concen: 1151.673 ug/l

RT: 10.208 min Scan# 1496

Delta R.T. 0.013 min

Lab File: VX026380.D

Acq: 06 Jan 2022 17:49

Instrument :

MSVOA_X

ClientSampleId :

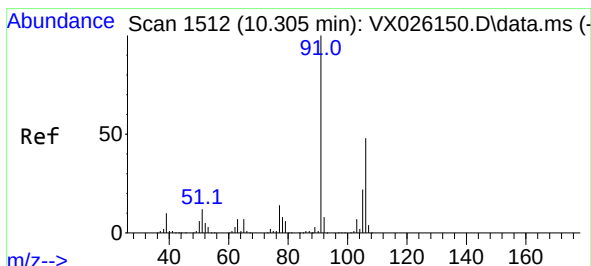
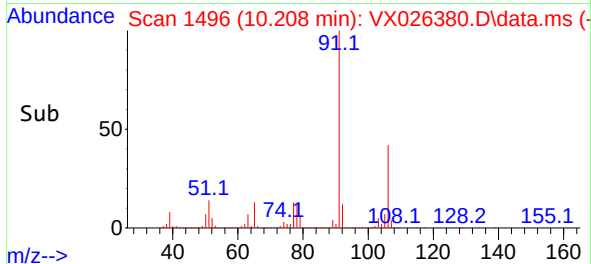
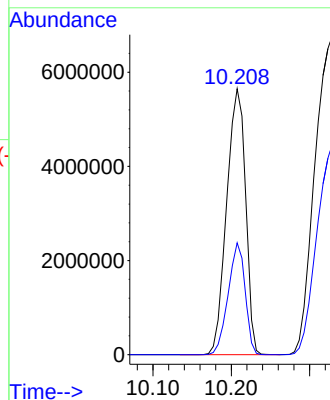
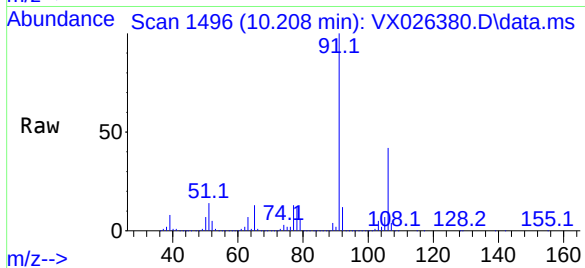
MW-36

Tgt Ion: 91 Resp: 9489006

Ion Ratio Lower Upper

91 100

106 42.1 25.7 38.5#



#68

m/p-Xylenes

Concen: 3468.715 ug/l

RT: 10.336 min Scan# 1517

Delta R.T. 0.031 min

Lab File: VX026380.D

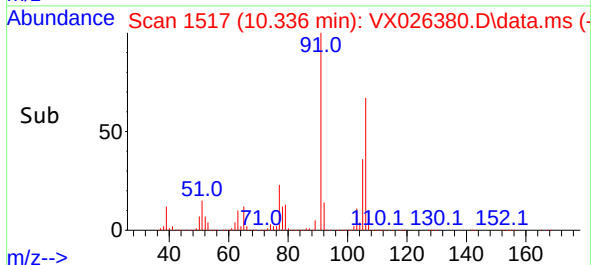
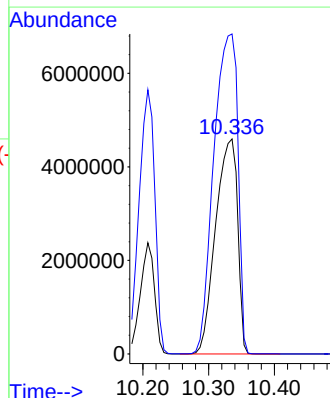
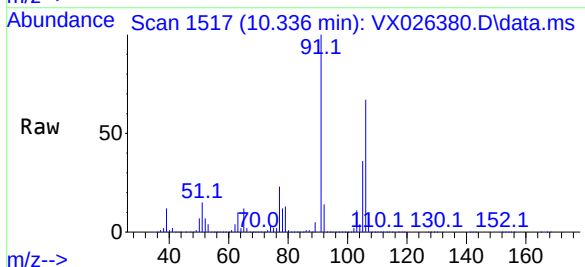
Acq: 06 Jan 2022 17:49

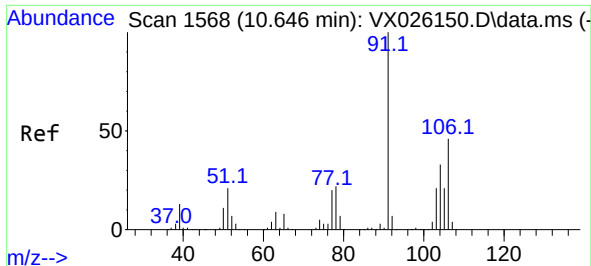
Tgt Ion:106 Resp:10671127

Ion Ratio Lower Upper

106 100

91 163.5 158.6 238.0

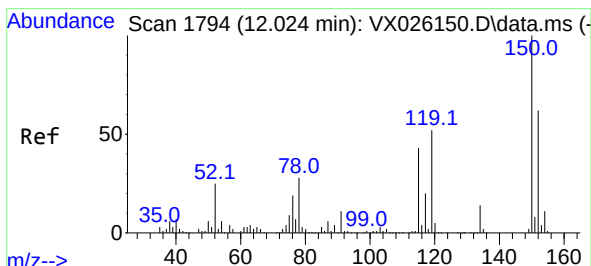
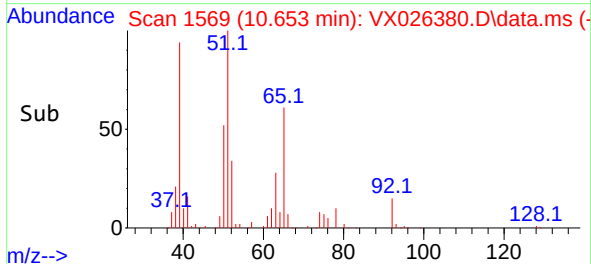
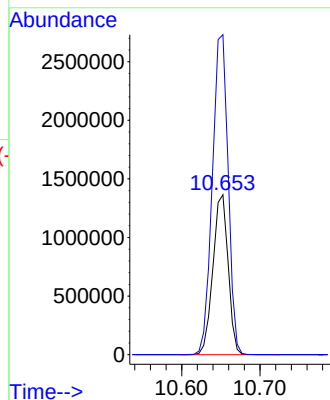
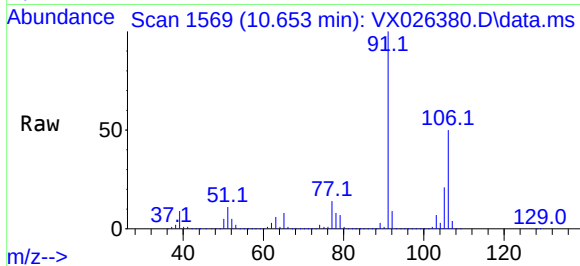




#69
o-Xylene
Concen: 610.221 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.007 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

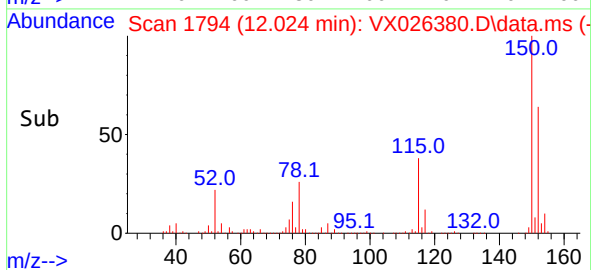
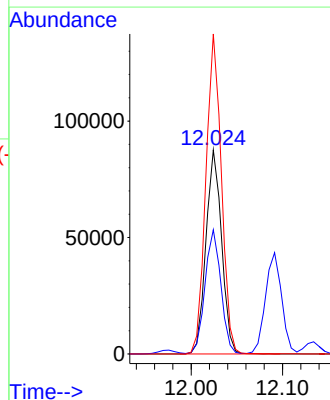
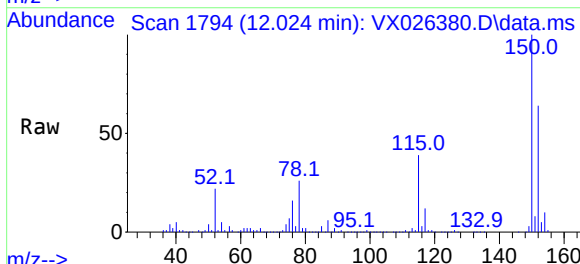
Instrument :
MSVOA_X
ClientSampleId :
MW-36

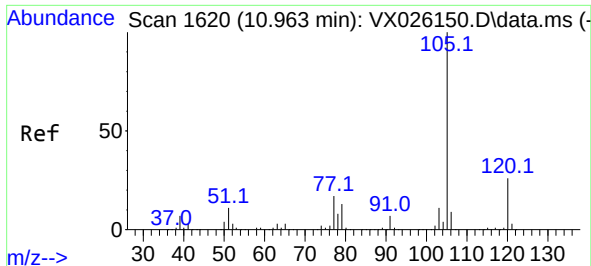
Tgt Ion:106 Resp: 1836795
Ion Ratio Lower Upper
106 100
91 208.0 105.5 316.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

Tgt Ion:152 Resp: 103890
Ion Ratio Lower Upper
152 100
115 61.2 41.3 123.9
150 155.5 0.0 351.8

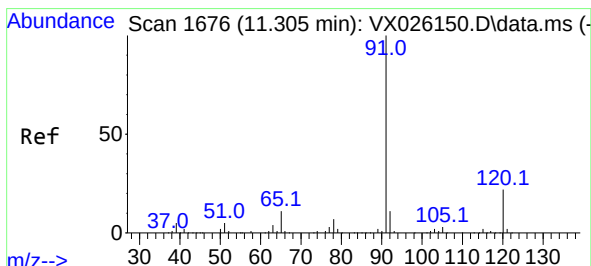
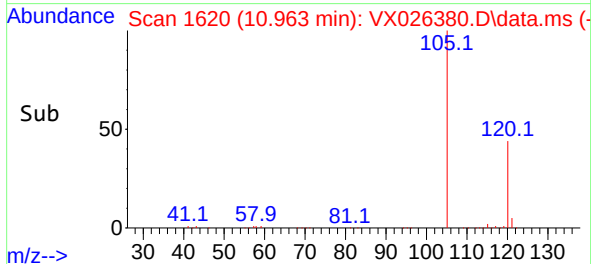
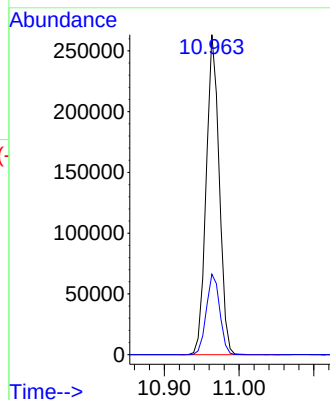
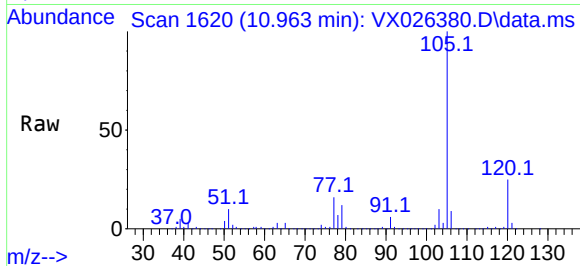




#73
Isopropylbenzene
Concen: 39.399 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

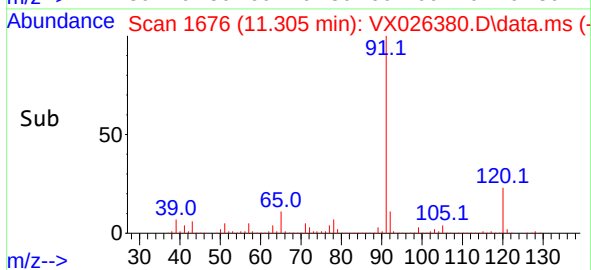
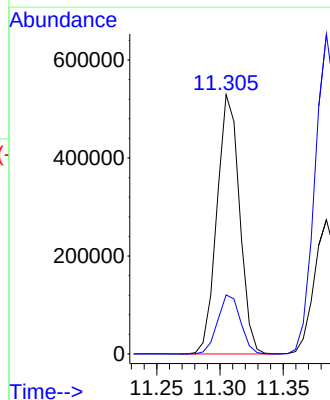
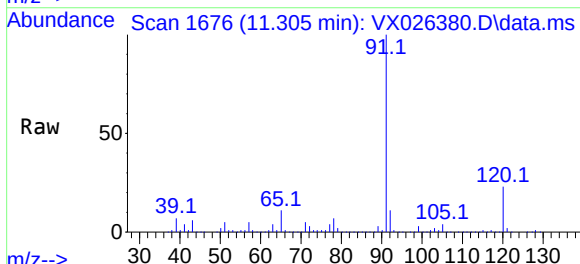
Instrument :
MSVOA_X
ClientSampleId :
MW-36

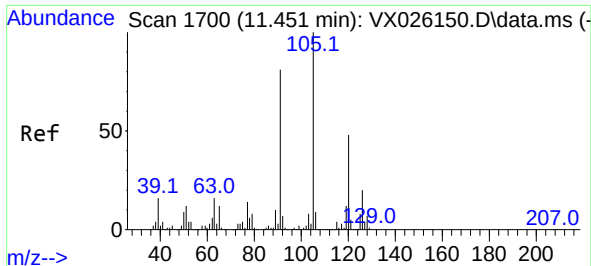
Tgt Ion:105 Resp: 318161
Ion Ratio Lower Upper
105 100
120 25.9 13.6 40.7



#78
n-propylbenzene
Concen: 70.695 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

Tgt Ion: 91 Resp: 656387
Ion Ratio Lower Upper
91 100
120 23.1 12.0 36.1

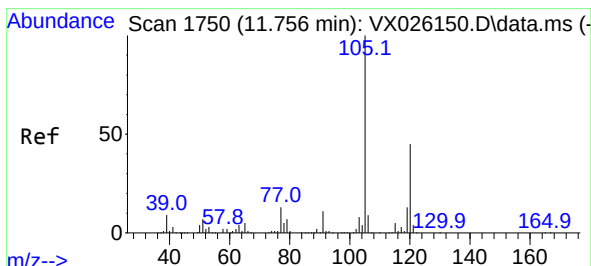
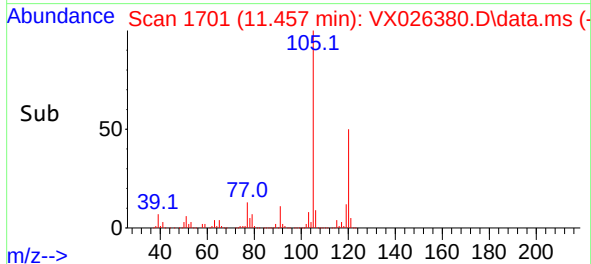
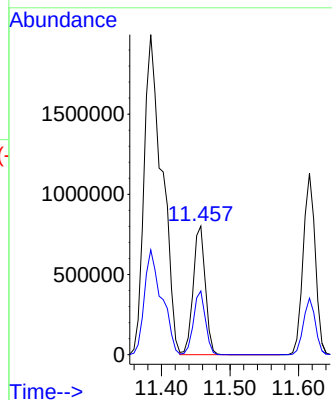
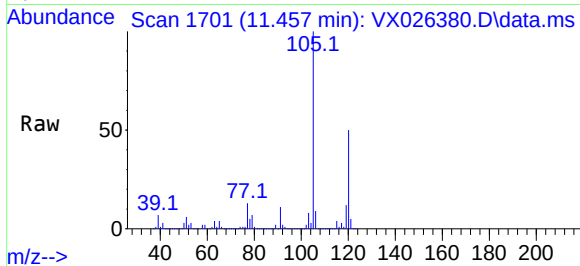




#80
1,3,5-Trimethylbenzene
Concen: 146.791 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

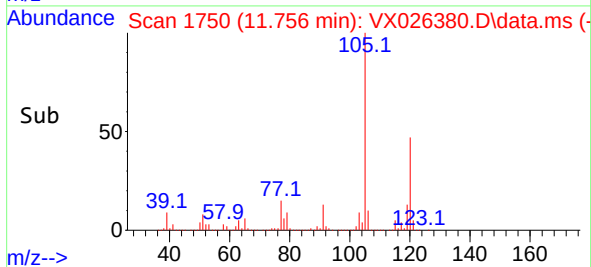
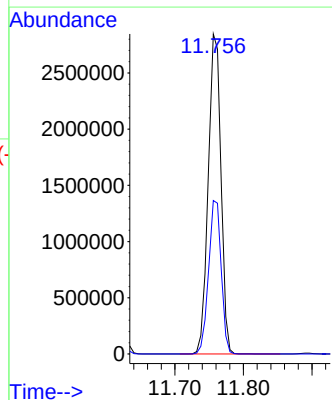
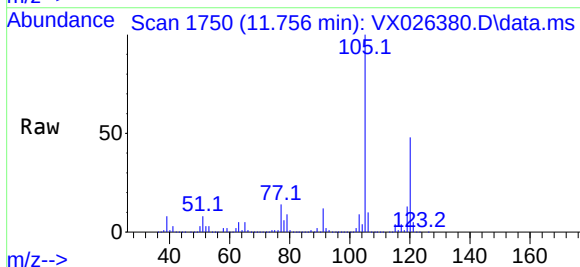
Instrument :
MSVOA_X
ClientSampleId :
MW-36

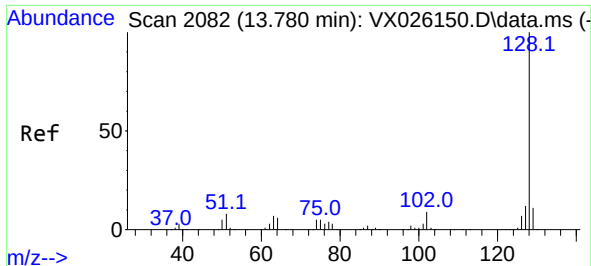
Tgt Ion:105 Resp: 983724
Ion Ratio Lower Upper
105 100
120 48.6 24.9 74.7



#84
1,2,4-Trimethylbenzene
Concen: 549.940 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

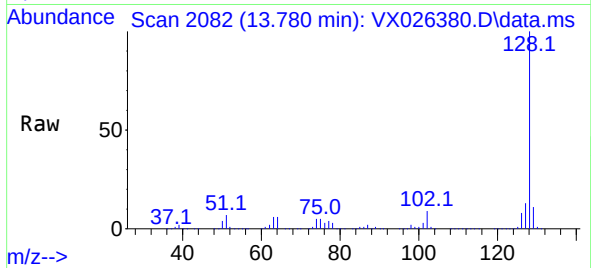
Tgt Ion:105 Resp: 3682480
Ion Ratio Lower Upper
105 100
120 47.5 22.9 68.7





#95
Naphthalene
Concen: 213.680 ug/l
RT: 13.780 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX026380.D
Acq: 06 Jan 2022 17:49

Instrument :
MSVOA_X
ClientSampleId :
MW-36



Tgt Ion:128 Resp: 1715705

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	11.2	8.8	13.2

