

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022822\
 Data File : VX027234.D
 Acq On : 28 Feb 2022 20:44
 Operator : JC/MD
 Sample : N1688-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-22

Quant Time: Mar 01 00:46:51 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)

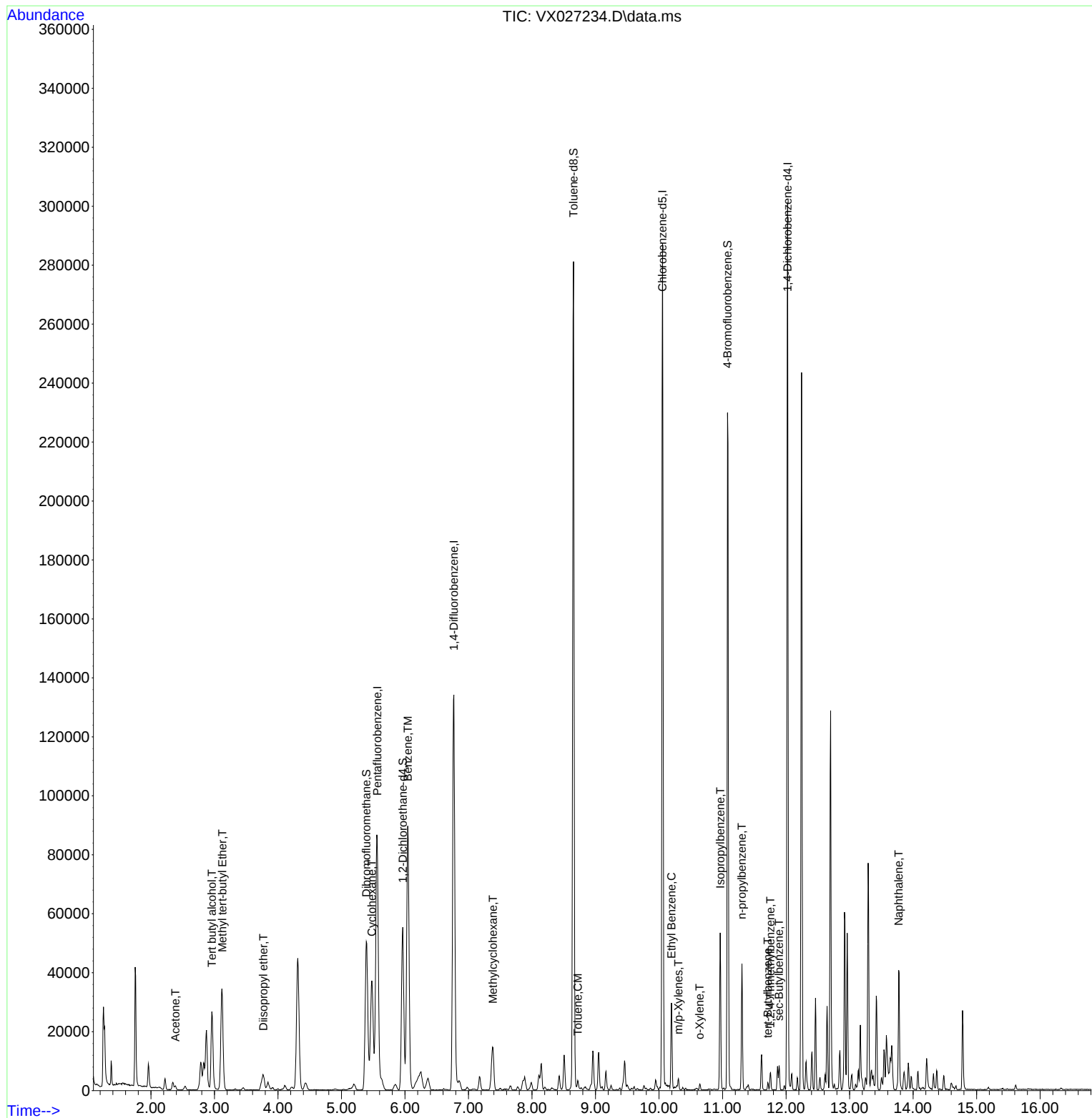
Internal Standards						
1) Pentafluorobenzene	5.562	168	85527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	141537	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	51808	50.437	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.880%	
35) Dibromofluoromethane	5.391	113	44767	50.956	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.920%	
50) Toluene-d8	8.653	98	166760	50.764	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.520%	
62) 4-Bromofluorobenzene	11.079	95	64168	50.889	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	30095	150.584	ug/l	97
16) Acetone	2.386	43	1642	3.641	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	29101	10.186	ug/l #	75
22) Diisopropyl ether	3.770	45	5415	1.895	ug/l #	78
31) Cyclohexane	5.477	56	26711	17.363	ug/l	97
39) Methylcyclohexane	7.385	83	6563	4.115	ug/l	96
40) Benzene	6.043	78	109494	29.202	ug/l	99
52) Toluene	8.720	92	1081	0.450	ug/l	97
67) Ethyl Benzene	10.195	91	17308	3.666	ug/l	99
68) m/p-Xylenes	10.305	106	944	0.520	ug/l	93
69) o-Xylene	10.640	106	536	0.294	ug/l	99
73) Isopropylbenzene	10.963	105	26952	6.072	ug/l	98
78) n-propylbenzene	11.305	91	25374	5.030	ug/l	100
83) tert-Butylbenzene	11.713	119	1012	0.279	ug/l	85
84) 1,2,4-Trimethylbenzene	11.756	105	2972	0.801	ug/l	98
85) sec-Butylbenzene	11.890	105	4381	0.963	ug/l	91
95) Naphthalene	13.774	128	25754	5.909	ug/l	98

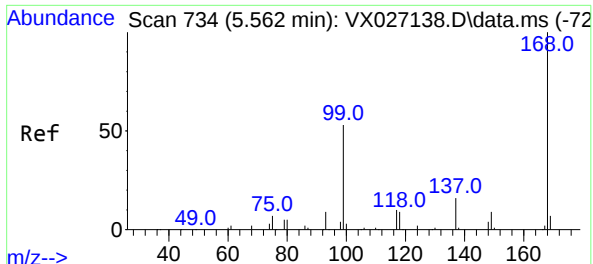
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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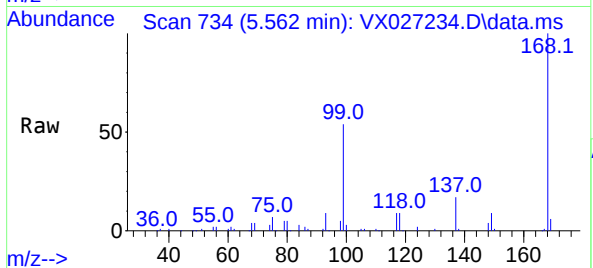
Quant Time: Mar 01 00:46:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
Quant Title : SW846 8260
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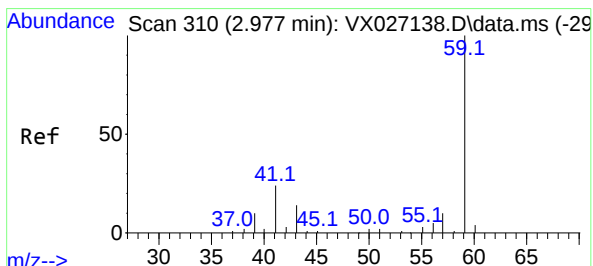
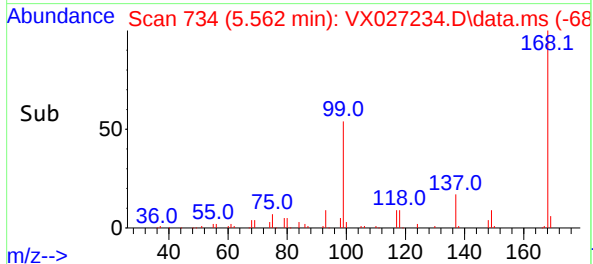
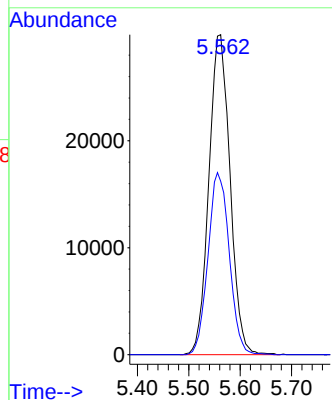


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

Instrument :
MSVOA_X
ClientSampleId :
MW-22

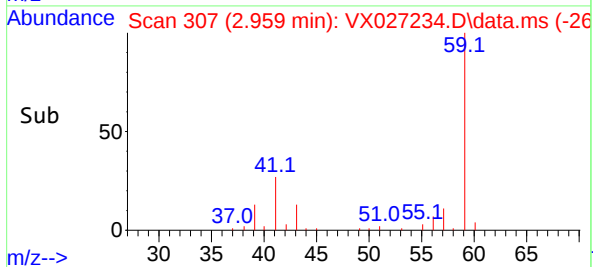
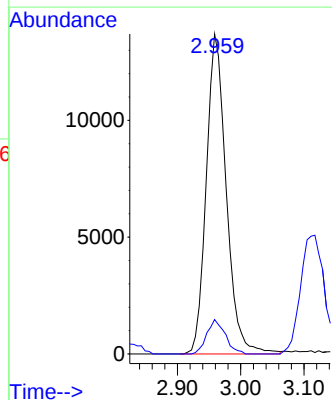
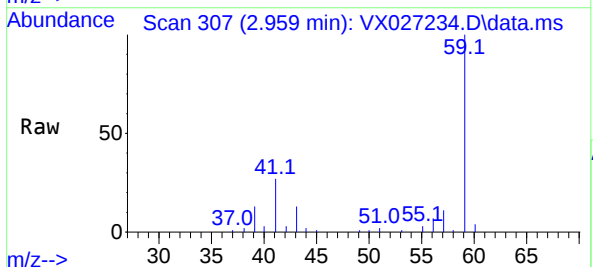


Tgt Ion:168 Resp: 85527
Ion Ratio Lower Upper
168 100
99 54.2 50.3 75.5

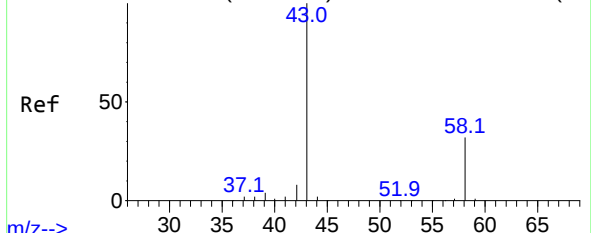


#11
Tert butyl alcohol
Concen: 150.584 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

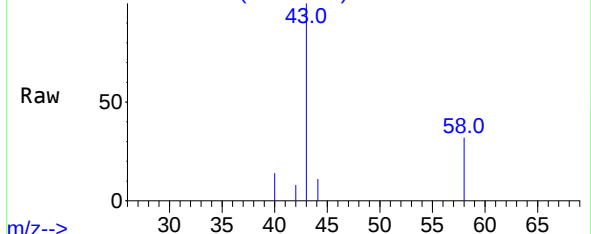
Tgt Ion: 59 Resp: 30095
Ion Ratio Lower Upper
59 100
57 10.0 7.2 10.8



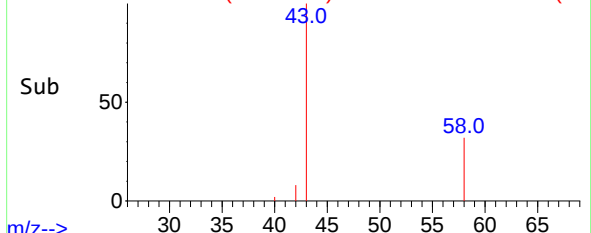
Abundance Scan 213 (2.386 min): VX027138.D\data.ms (-20



m/z--> Abundance Scan 213 (2.386 min): VX027234.D\data.ms



m/z--> Abundance Scan 213 (2.386 min): VX027234.D\data.ms (-16



m/z-->

#16

Acetone

Concen: 3.641 ug/l

RT: 2.386 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX027234.D

Acq: 28 Feb 2022 20:44

Instrument :

MSVOA_X

ClientSampleId :

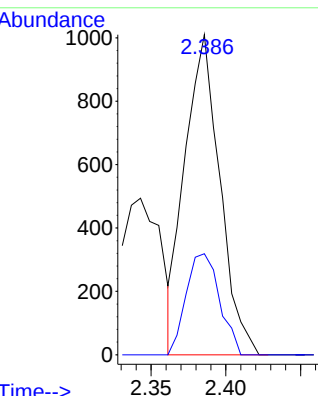
MW-22

Tgt Ion: 43 Resp: 1642

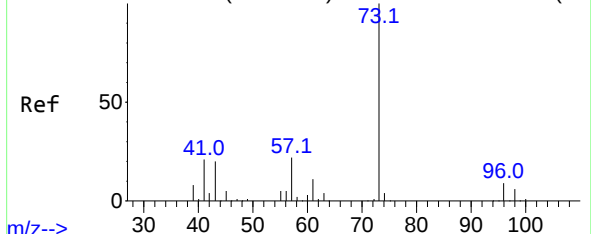
Ion Ratio Lower Upper

43 100

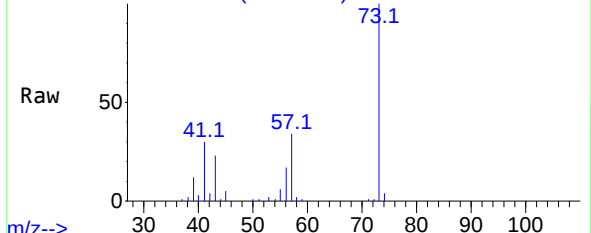
58 31.6 23.0 34.6



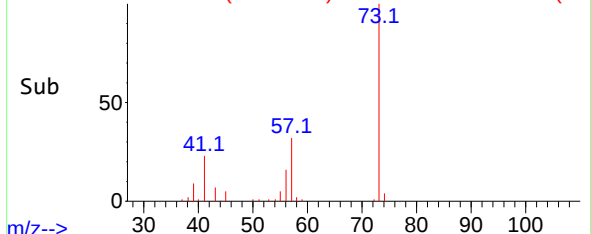
Abundance Scan 333 (3.117 min): VX027138.D\data.ms (-32



m/z--> Abundance Scan 334 (3.123 min): VX027234.D\data.ms



m/z--> Abundance Scan 334 (3.123 min): VX027234.D\data.ms (-28



m/z-->

#19

Methyl tert-butyl Ether

Concen: 10.186 ug/l

RT: 3.123 min Scan# 334

Delta R.T. 0.006 min

Lab File: VX027234.D

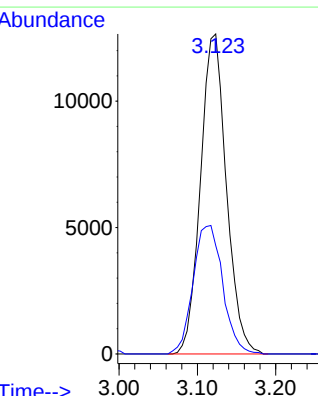
Acq: 28 Feb 2022 20:44

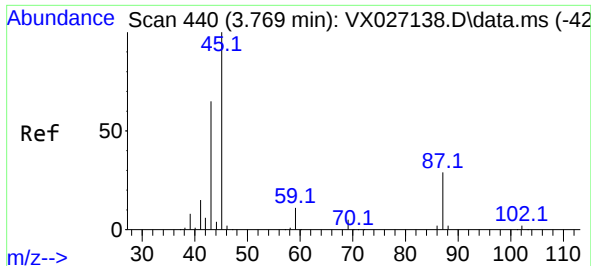
Tgt Ion: 73 Resp: 29101

Ion Ratio Lower Upper

73 100

57 33.9 17.4 26.2#

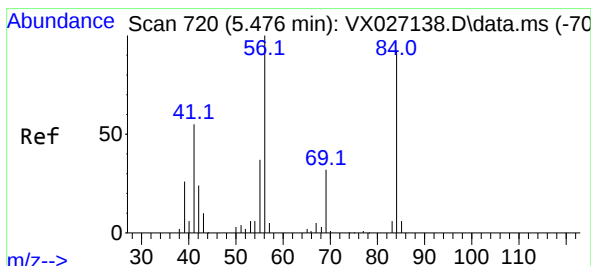
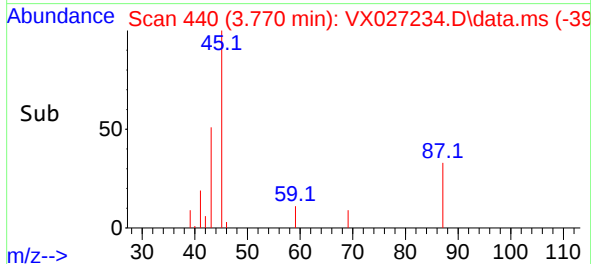
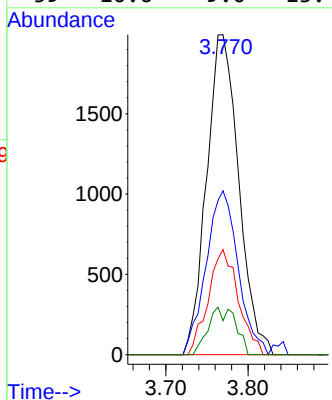
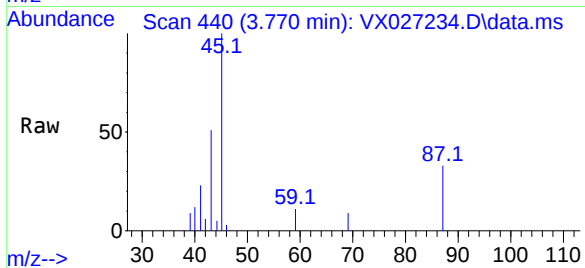




#22
Diisopropyl ether
Concen: 1.895 ug/l
RT: 3.770 min Scan# 44
Delta R.T. 0.001 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

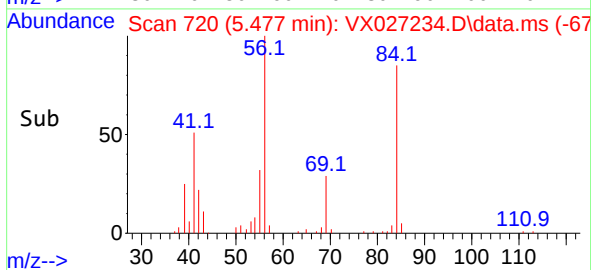
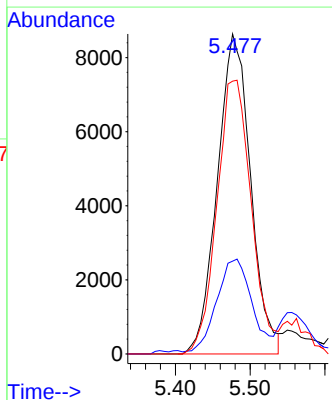
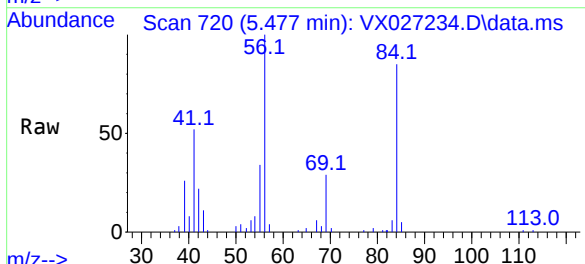
Instrument :
MSVOA_X
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MW-22

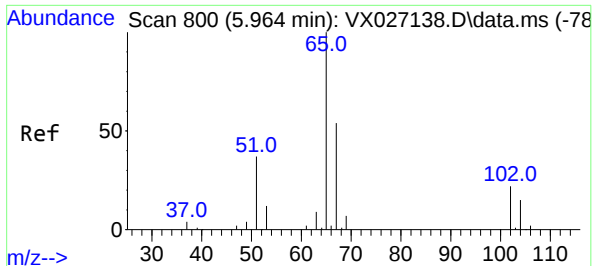
Tgt Ion:	45	Resp:	5415
Ion	Ratio	Lower	Upper
45	100		
43	51.2	60.6	91.0#
87	32.9	22.0	33.0
59	10.6	9.0	13.4



#31
Cyclohexane
Concen: 17.363 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.001 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

Tgt Ion:	56	Resp:	26711
Ion	Ratio	Lower	Upper
56	100		
69	27.9	25.8	38.6
84	85.3	68.9	103.3





#33

1,2-Dichloroethane-d4

Concen: 50.437 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027234.D

Acq: 28 Feb 2022 20:44

Instrument :

MSVOA_X

ClientSampleId :

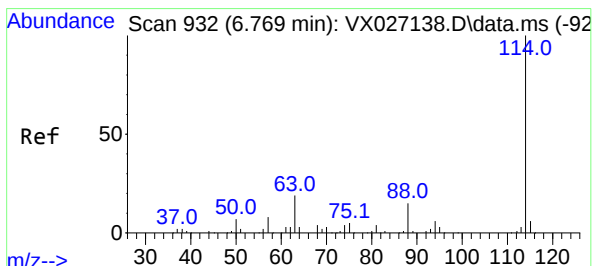
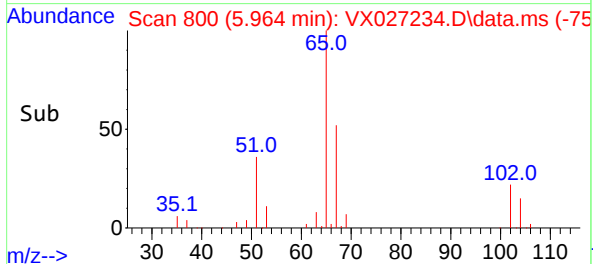
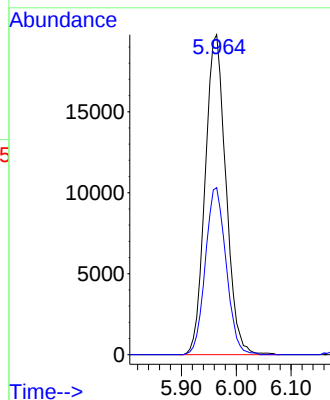
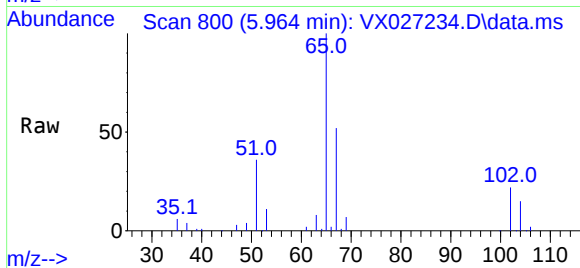
MW-22

Tgt Ion: 65 Resp: 51808

Ion Ratio Lower Upper

65 100

67 52.2 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: VX027234.D

Acq: 28 Feb 2022 20:44

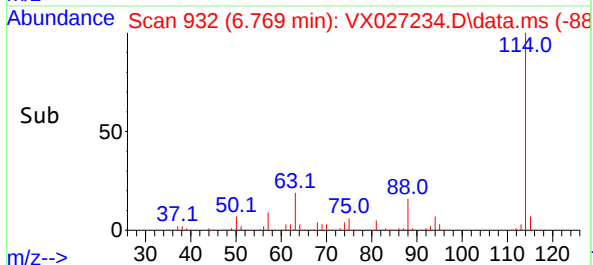
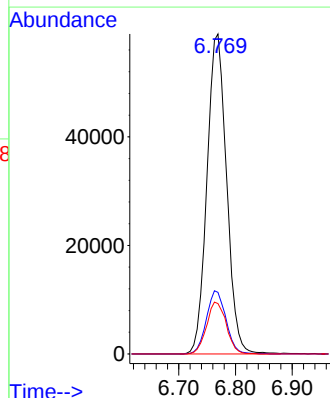
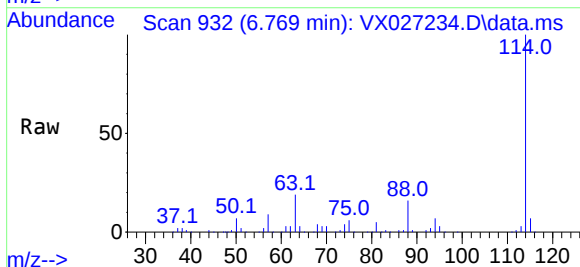
Tgt Ion: 114 Resp: 141537

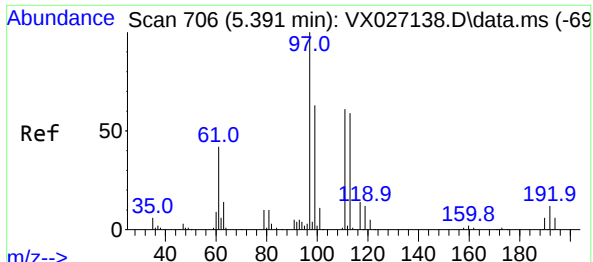
Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.8

88 15.8 0.0 33.0



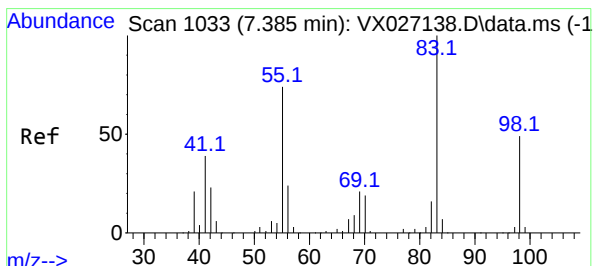
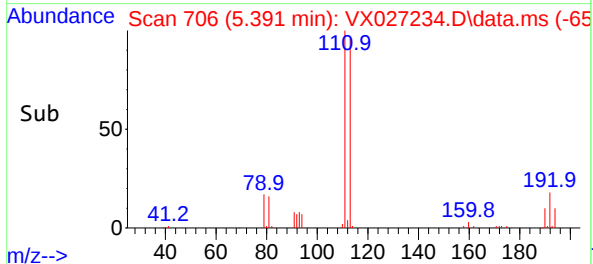
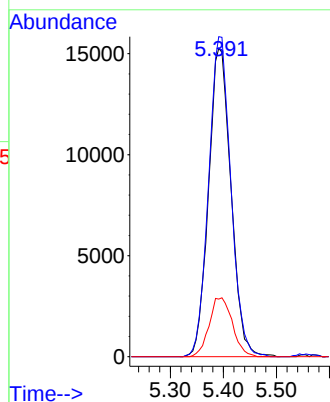
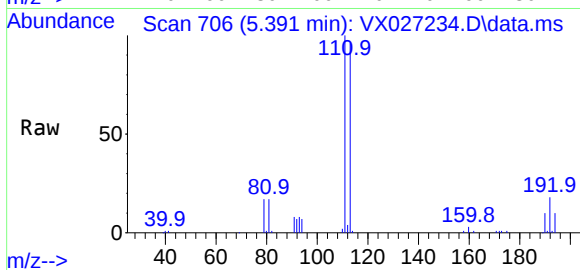


#35
Dibromofluoromethane
Concen: 50.956 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

Instrument :
MSVOA_X
ClientSampleId :
MW-22

Tgt Ion:113 Resp: 44767

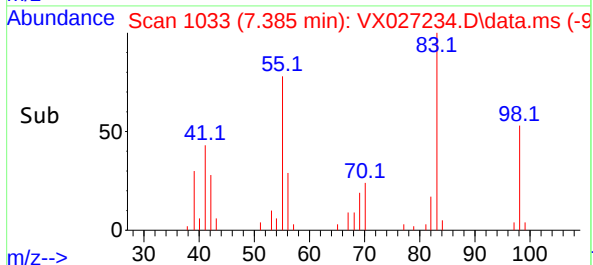
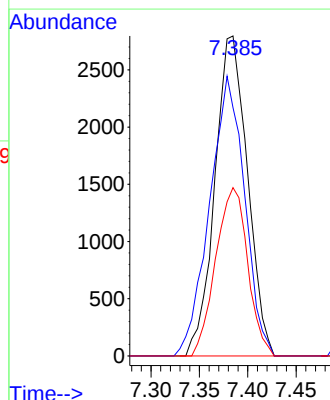
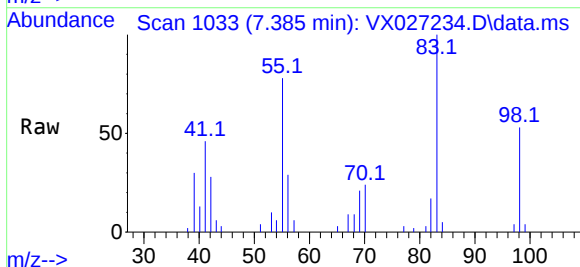
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.2	121.8
192	19.8	15.0	22.4

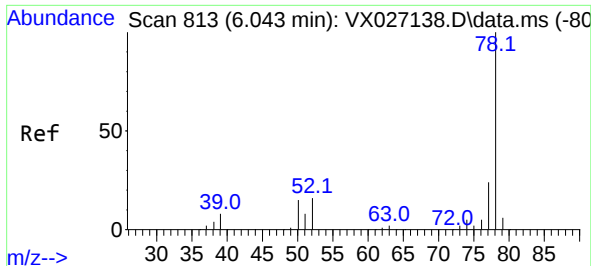


#39
Methylcyclohexane
Concen: 4.115 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

Tgt Ion: 83 Resp: 6563

Ion	Ratio	Lower	Upper
83	100		
55	77.6	63.6	95.4
98	52.6	38.4	57.6

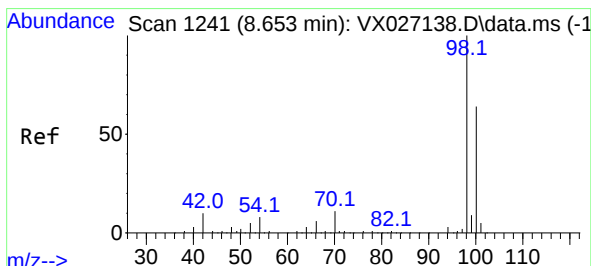
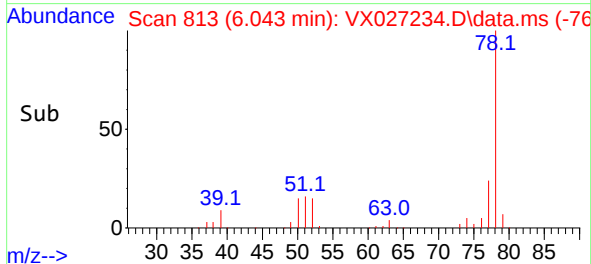
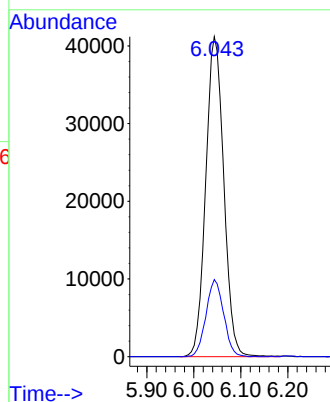
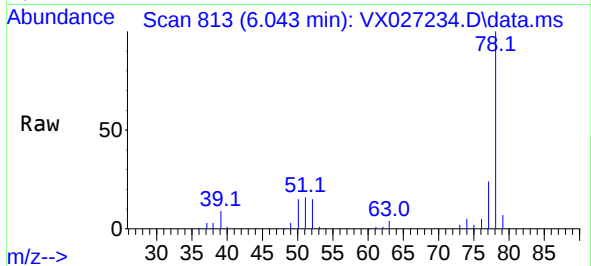




#40
Benzene
Concen: 29.202 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

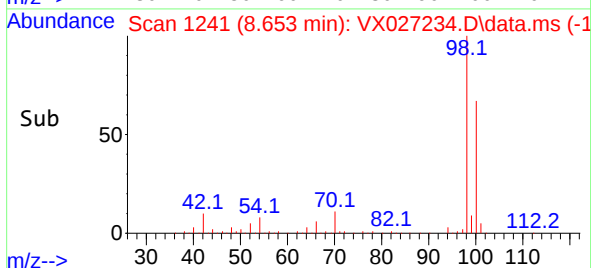
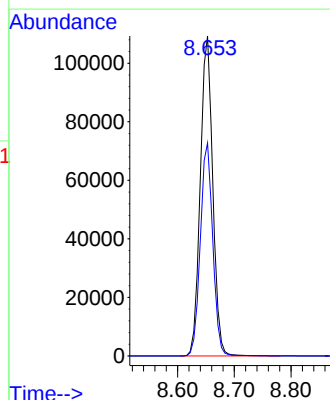
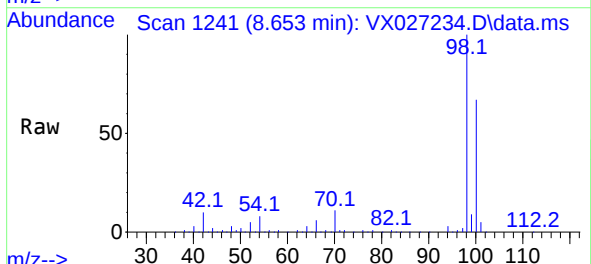
Instrument :
MSVOA_X
ClientSampleId :
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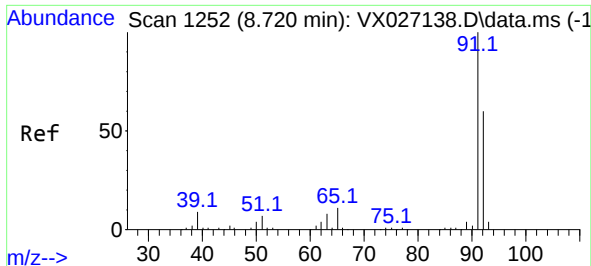
Tgt Ion: 78 Resp: 109494
Ion Ratio Lower Upper
78 100
77 24.1 18.9 28.3



#50
Toluene-d8
Concen: 50.764 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

Tgt Ion: 98 Resp: 166760
Ion Ratio Lower Upper
98 100
100 66.4 53.2 79.8

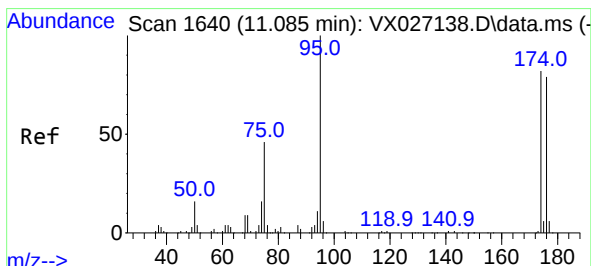
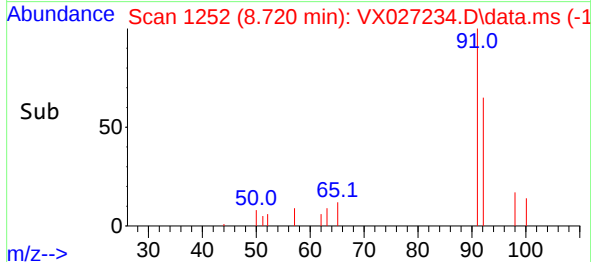
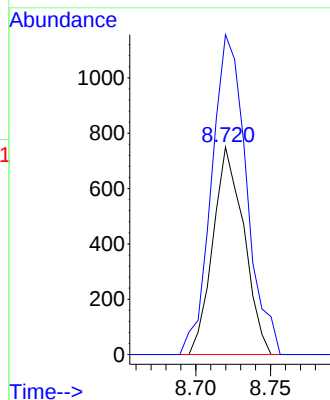
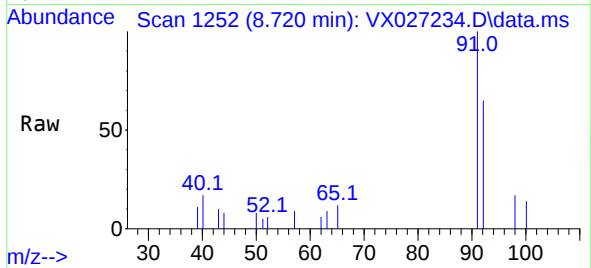




#52
Toluene
Concen: 0.450 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

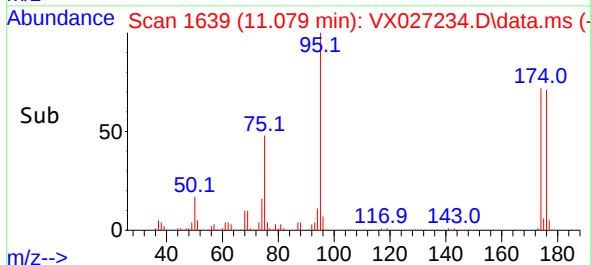
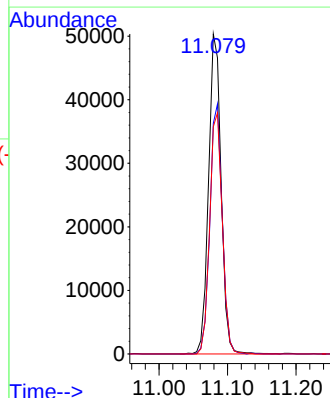
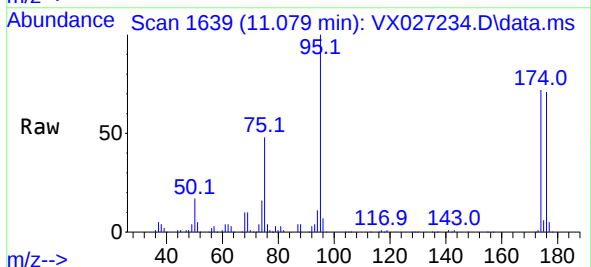
Instrument :
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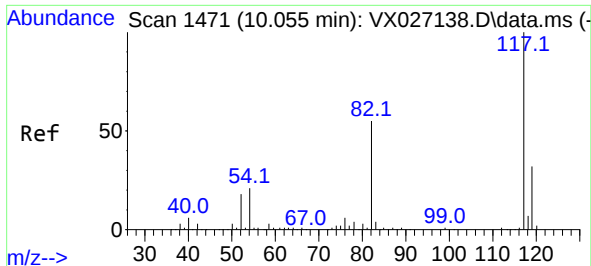
Tgt Ion: 92 Resp: 1081
Ion Ratio Lower Upper
92 100
91 173.5 135.7 203.5



#62
4-Bromofluorobenzene
Concen: 50.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

Tgt Ion: 95 Resp: 64168
Ion Ratio Lower Upper
95 100
174 76.6 0.0 148.6
176 75.8 0.0 141.4

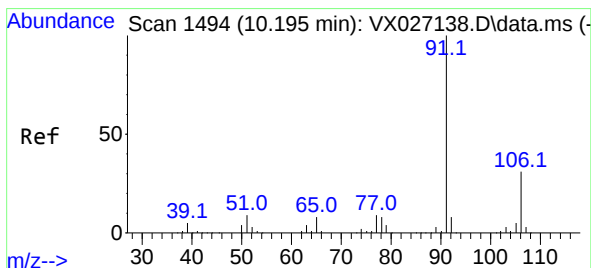
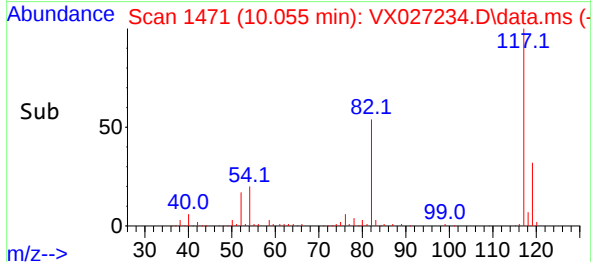
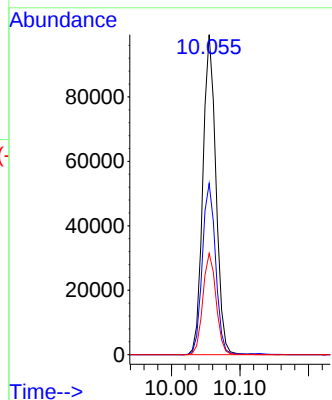
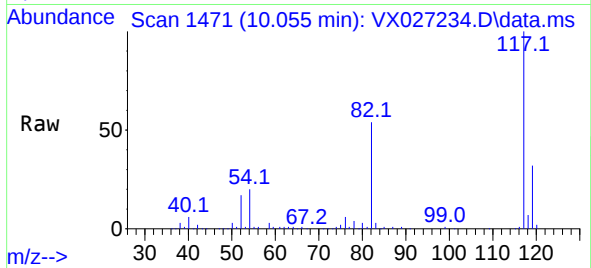




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

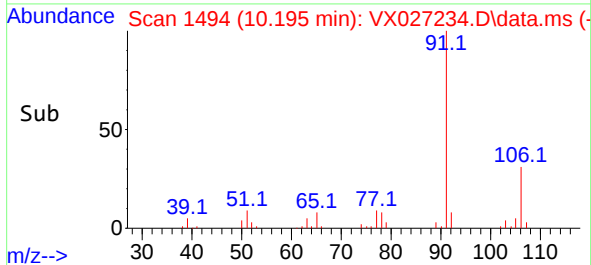
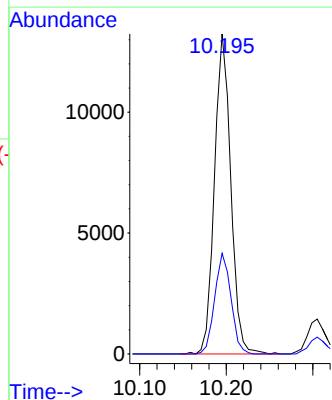
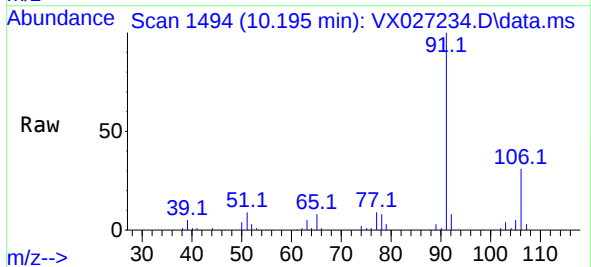
Instrument :
MSVOA_X
ClientSampleId :
MW-22

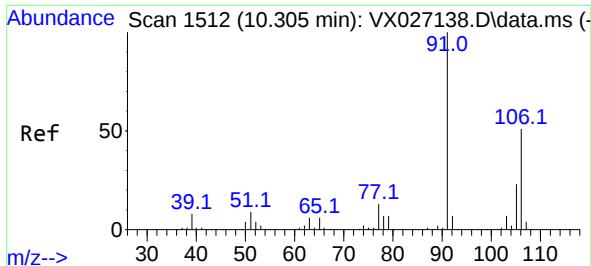
Tgt Ion:117 Resp: 131928
Ion Ratio Lower Upper
117 100
82 53.5 45.2 67.8
119 31.7 26.2 39.2



#67
Ethyl Benzene
Concen: 3.666 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

Tgt Ion: 91 Resp: 17308
Ion Ratio Lower Upper
91 100
106 31.4 24.7 37.1

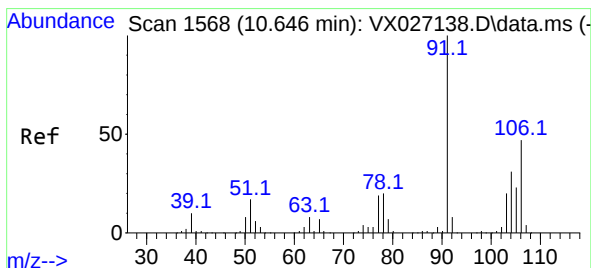
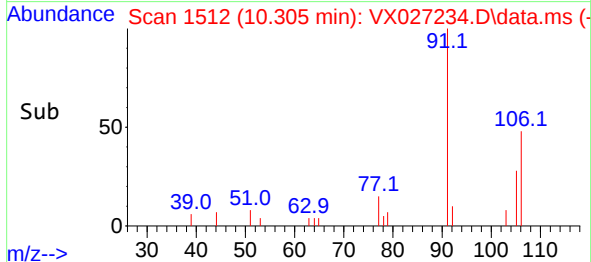
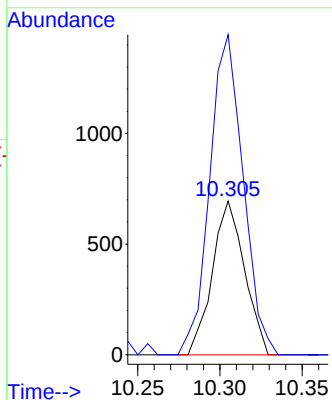
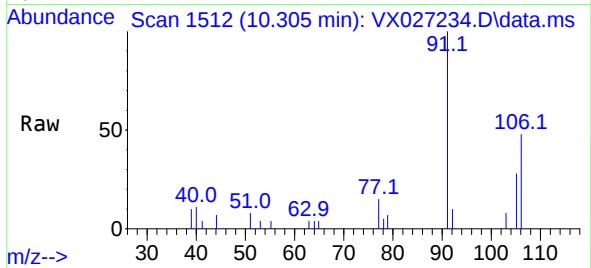




#68
m/p-Xylenes
Concen: 0.520 ug/l
RT: 10.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

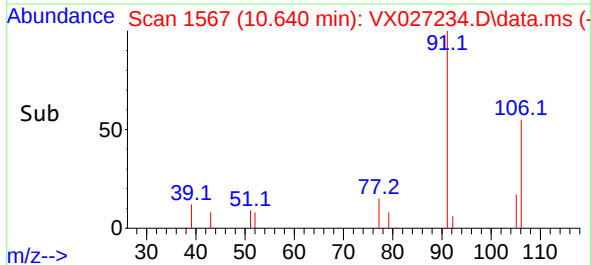
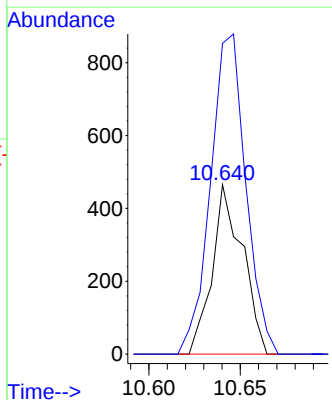
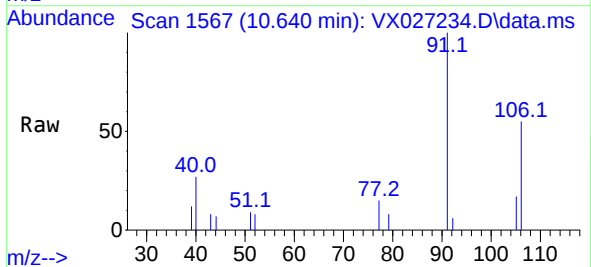
Instrument :
MSVOA_X
ClientSampleId :
MW-22

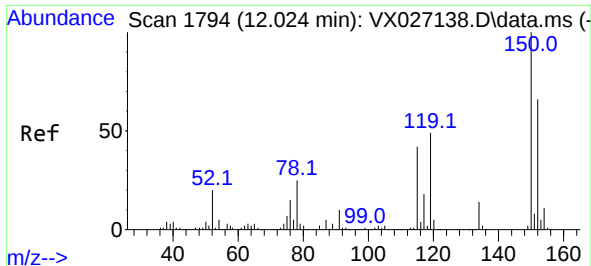
Tgt Ion:106 Resp: 944
Ion Ratio Lower Upper
106 100
91 216.7 165.3 247.9



#69
o-Xylene
Concen: 0.294 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

Tgt Ion:106 Resp: 536
Ion Ratio Lower Upper
106 100
91 220.3 109.7 329.0

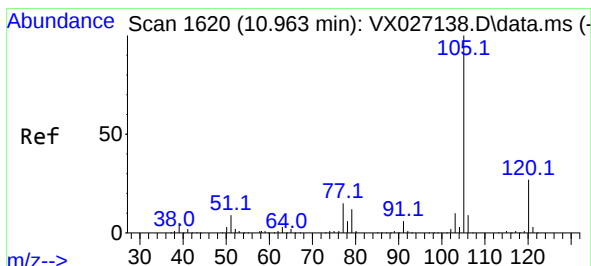
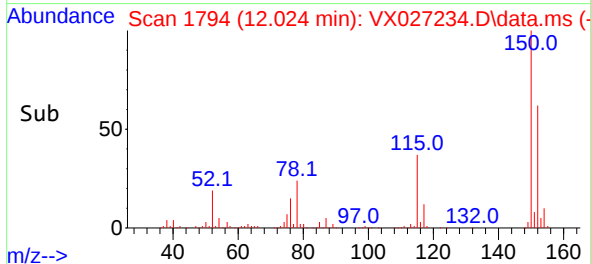
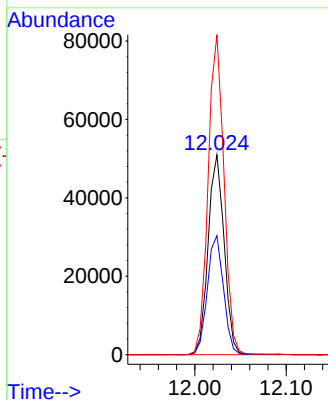
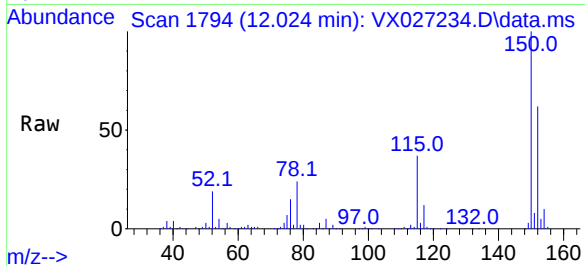




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

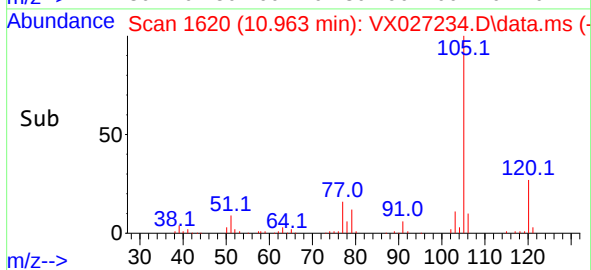
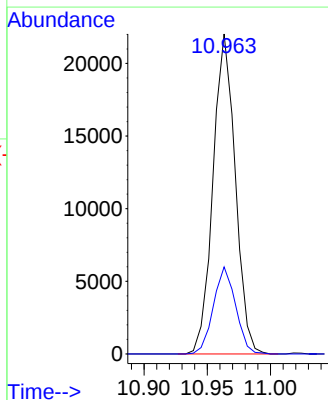
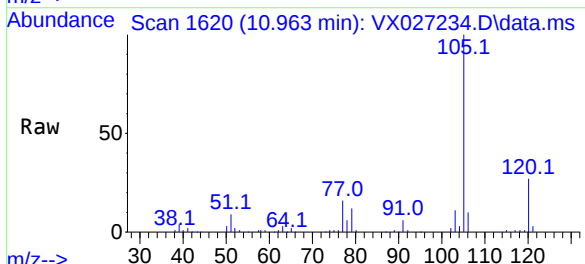
Instrument :
MSVOA_X
ClientSampleId :
MW-22

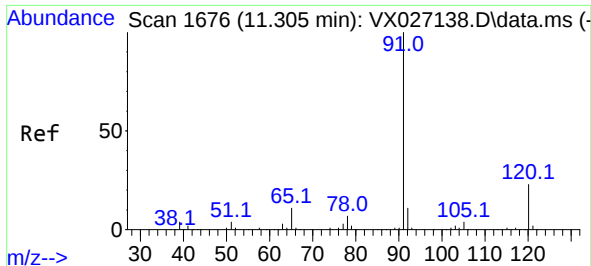
Tgt Ion:152 Resp: 62028
Ion Ratio Lower Upper
152 100
115 60.0 44.2 132.6
150 158.0 0.0 348.2



#73
Isopropylbenzene
Concen: 6.072 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

Tgt Ion:105 Resp: 26952
Ion Ratio Lower Upper
105 100
120 27.1 13.1 39.1

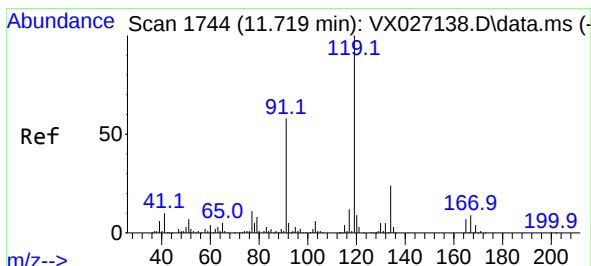
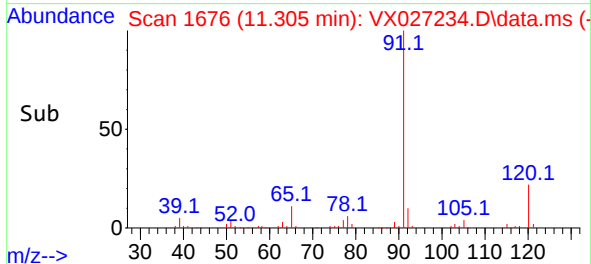
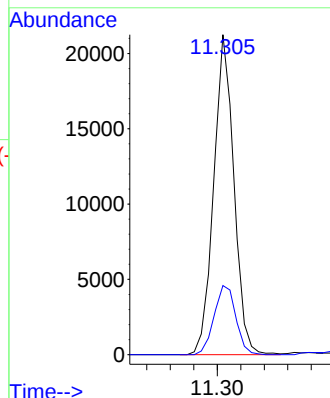
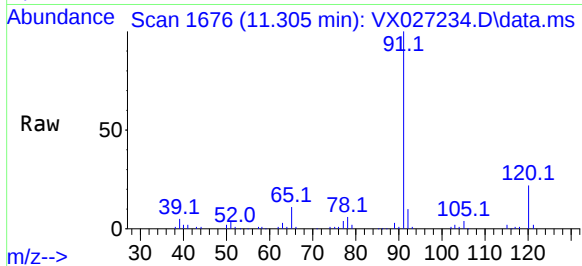




#78
n-propylbenzene
Concen: 5.030 ug/l
RT: 11.305 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

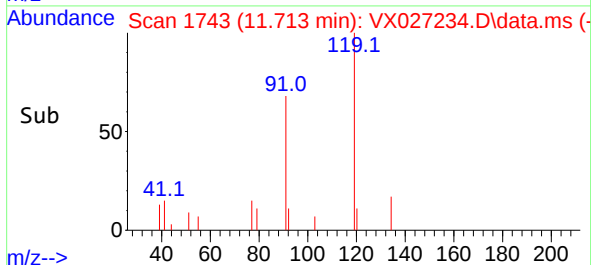
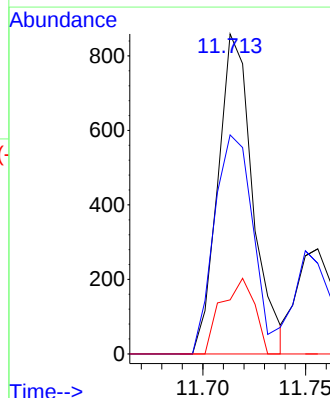
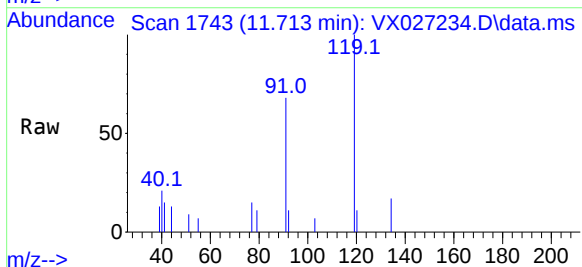
Instrument :
MSVOA_X
ClientSampleId :
MW-22

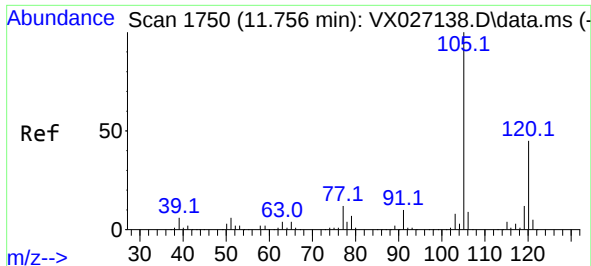
Tgt Ion: 91 Resp: 25374
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.7



#83
tert-Butylbenzene
Concen: 0.279 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. -0.006 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

Tgt Ion: 119 Resp: 1012
Ion Ratio Lower Upper
119 100
91 77.6 31.4 94.0
134 22.3 11.8 35.3

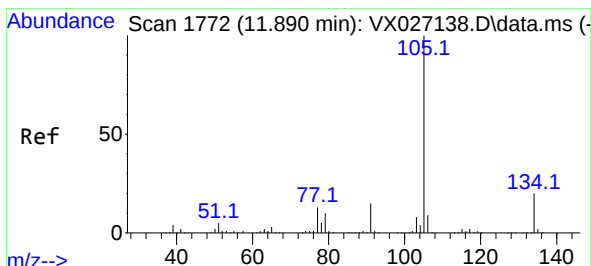
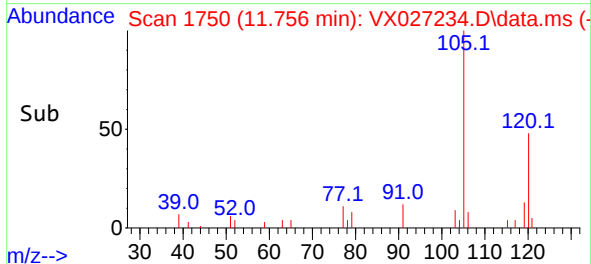
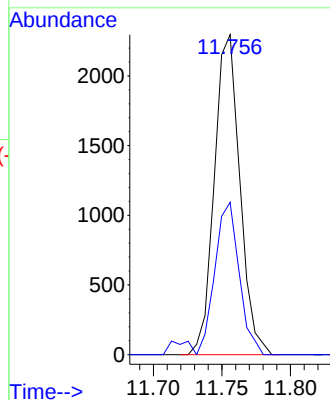
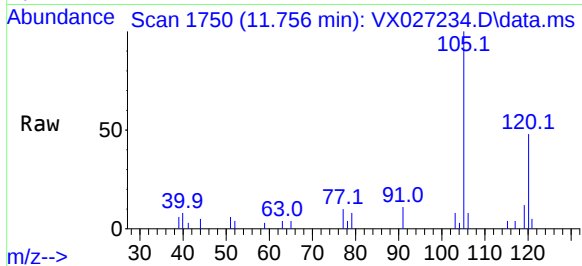




#84
1,2,4-Trimethylbenzene
Concen: 0.801 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

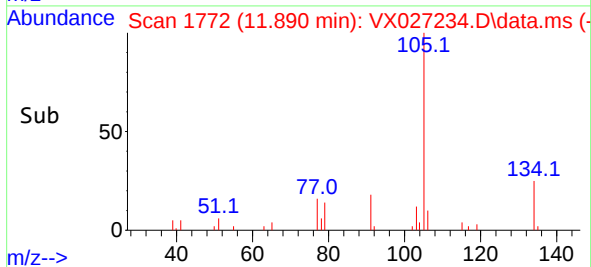
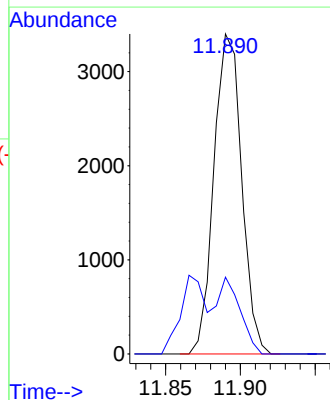
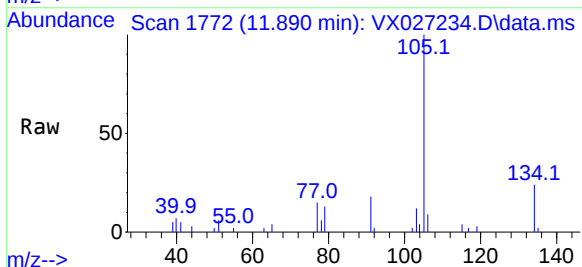
Instrument :
MSVOA_X
ClientSampleId :
MW-22

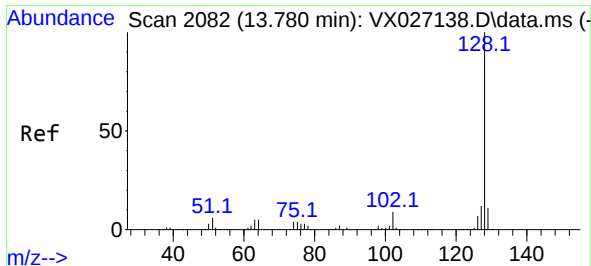
Tgt Ion:105 Resp: 2972
Ion Ratio Lower Upper
105 100
120 45.3 21.9 65.5



#85
sec-Butylbenzene
Concen: 0.963 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX027234.D
Acq: 28 Feb 2022 20:44

Tgt Ion:105 Resp: 4381
Ion Ratio Lower Upper
105 100
134 16.1 10.1 30.1





#95

Naphthalene

Concen: 5.909 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX027234.D

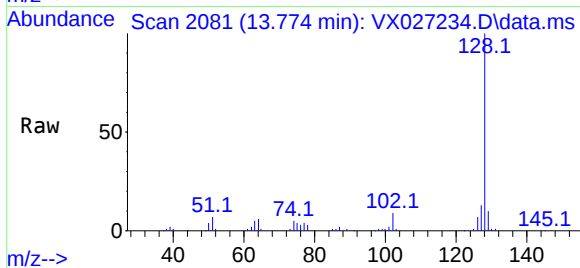
Acq: 28 Feb 2022 20:44

Instrument :

MSVOA_X

ClientSampleId :

MW-22



Tgt Ion:	128	Resp:	25754
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	12.1	8.7	13.1

