

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029030.D
 Acq On : 27 May 2022 17:34
 Operator : JC/MD
 Sample : N2968-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-31

Quant Time: May 27 22:10:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	335213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	595520	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	579026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	277755	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	216831	47.189	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.380%
35) Dibromofluoromethane	5.391	113	195572	50.124	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.240%
50) Toluene-d8	8.653	98	708443	48.159	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.320%
62) 4-Bromofluorobenzene	11.085	95	282551	51.425	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.860%

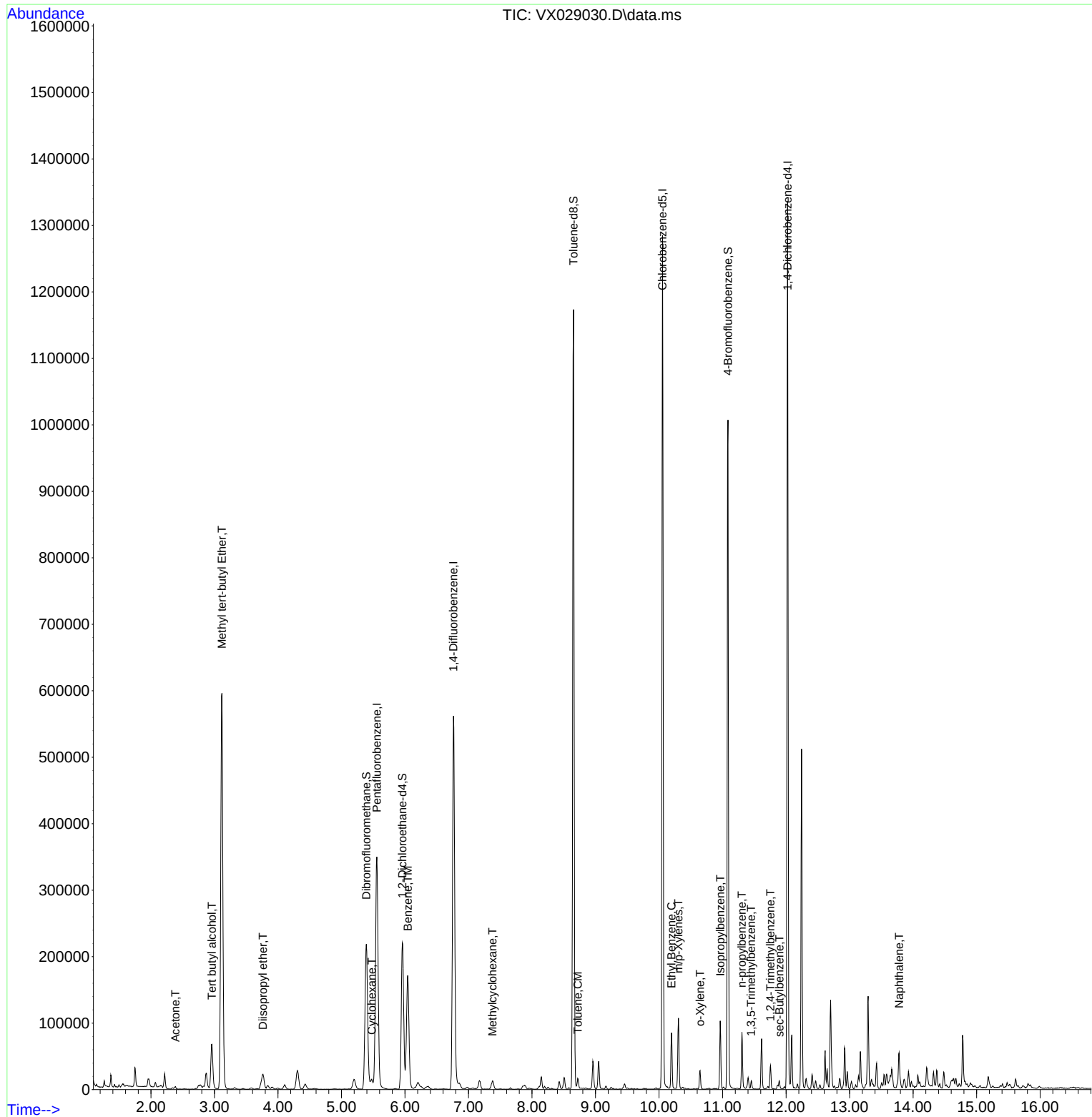
Target Compounds			Qvalue			
11) Tert butyl alcohol	2.959	59	80771	77.318	ug/l	100
16) Acetone	2.386	43	4040	2.049	ug/l #	87
19) Methyl tert-butyl Ether	3.117	73	700222	56.876	ug/l	99
22) Diisopropyl ether	3.763	45	23278	1.958	ug/l #	86
31) Cyclohexane	5.477	56	9078	1.423	ug/l #	90
39) Methylcyclohexane	7.379	83	4979	0.741	ug/l	91
40) Benzene	6.044	78	216154	12.834	ug/l	99
52) Toluene	8.720	92	5821	0.537	ug/l	94
67) Ethyl Benzene	10.195	91	50527	2.295	ug/l	100
68) m/p-Xylenes	10.305	106	26017	3.035	ug/l	99
69) o-Xylene	10.646	106	6533	0.774	ug/l	95
73) Isopropylbenzene	10.963	105	51397	2.440	ug/l	99
78) n-propylbenzene	11.305	91	51790	2.126	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	5797	0.330	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	15787	0.897	ug/l	96
85) sec-Butylbenzene	11.896	105	6443	0.307	ug/l #	67
95) Naphthalene	13.780	128	34811	1.764	ug/l #	96

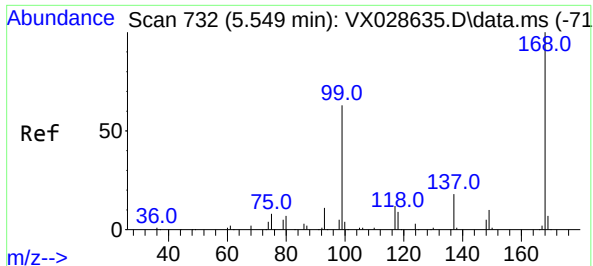
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 27 22:10:42 2022
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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

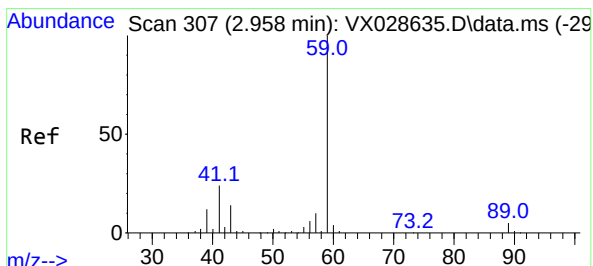
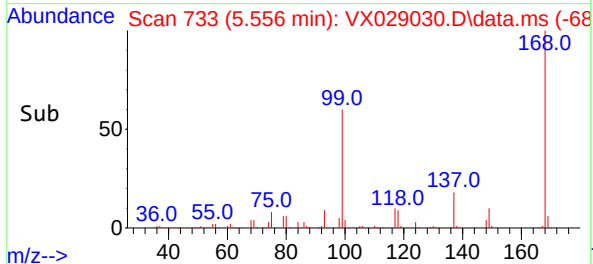
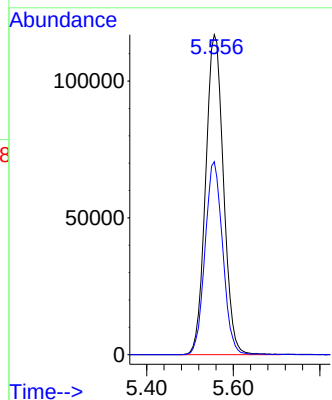
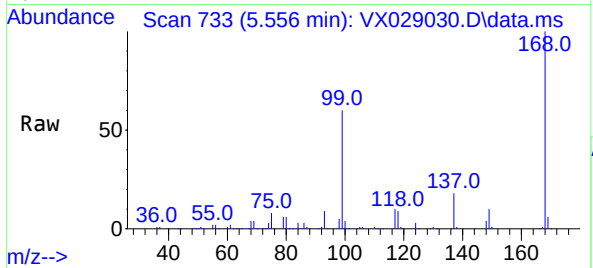




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

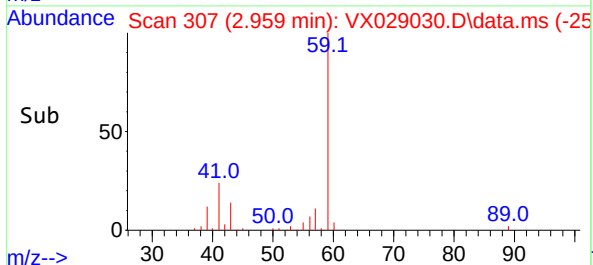
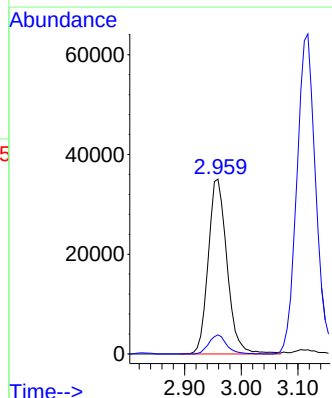
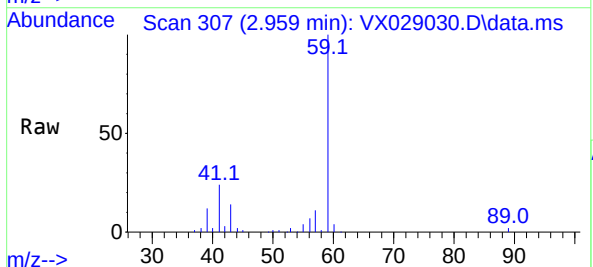
Instrument :
MSVOA_X
ClientSampleId :
MW-31

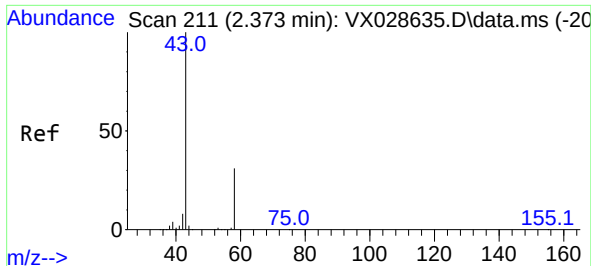
Tgt Ion:168 Resp: 335213
Ion Ratio Lower Upper
168 100
99 60.3 41.7 62.5



#11
Tert butyl alcohol
Concen: 77.318 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.001 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

Tgt Ion: 59 Resp: 80771
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

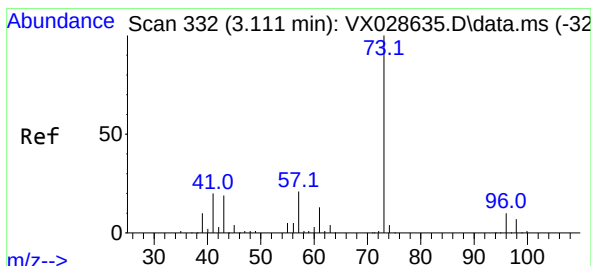
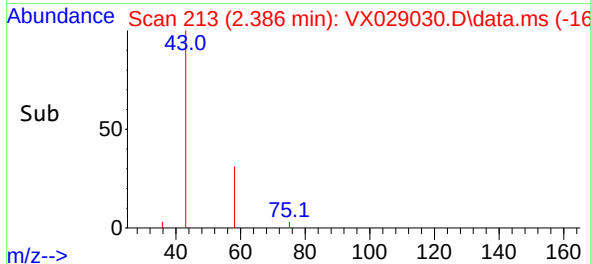
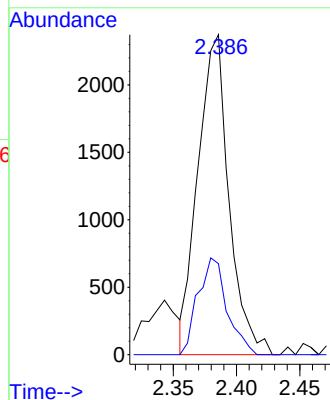
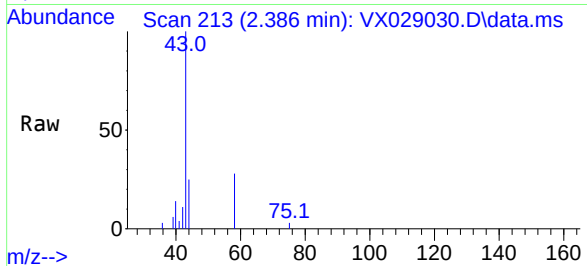




#16
Acetone
Concen: 2.049 ug/l
RT: 2.386 min Scan# 211
Delta R.T. 0.013 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

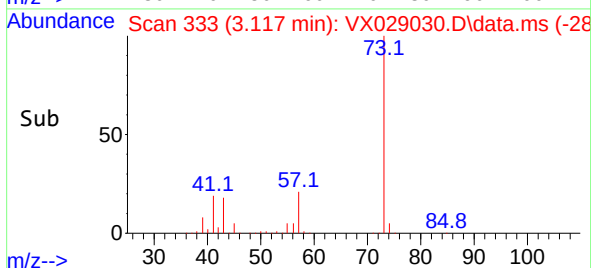
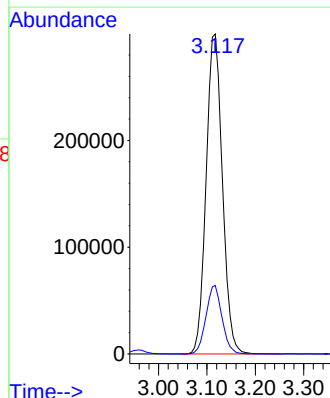
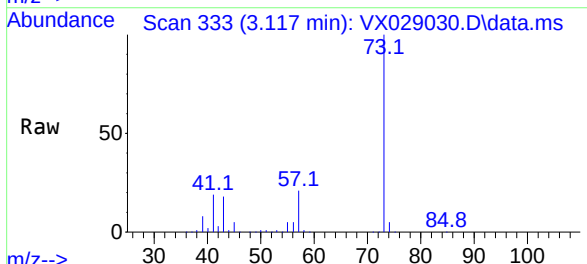
Instrument :
MSVOA_X
ClientSampleId :
MW-31

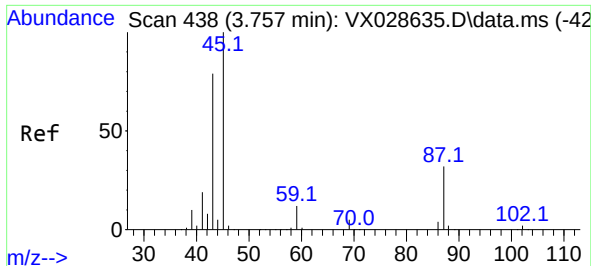
Tgt Ion: 43 Resp: 4040
Ion Ratio Lower Upper
43 100
58 28.5 28.8 43.2#



#19
Methyl tert-butyl Ether
Concen: 56.876 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

Tgt Ion: 73 Resp: 700222
Ion Ratio Lower Upper
73 100
57 21.4 16.8 25.2

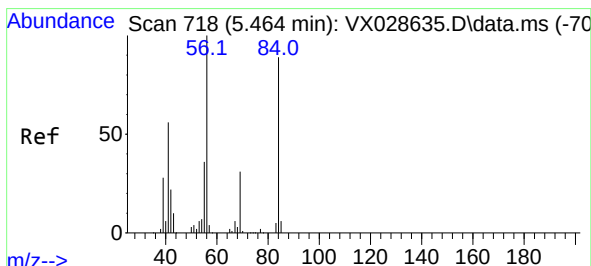
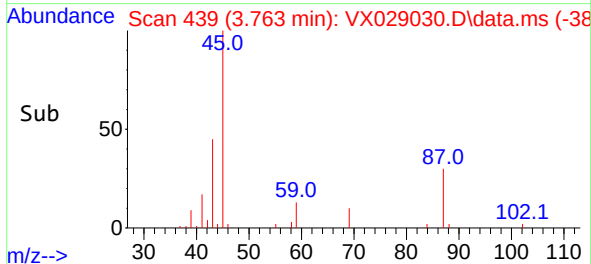
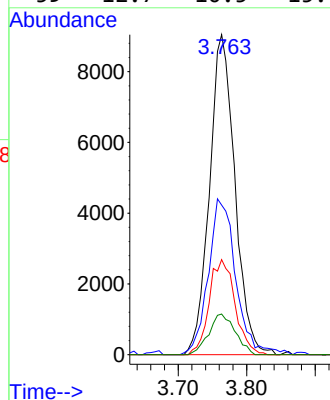
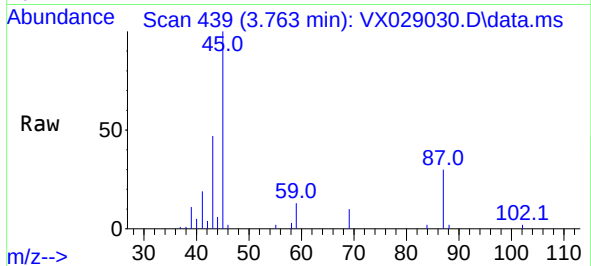




#22
Diisopropyl ether
Concen: 1.958 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

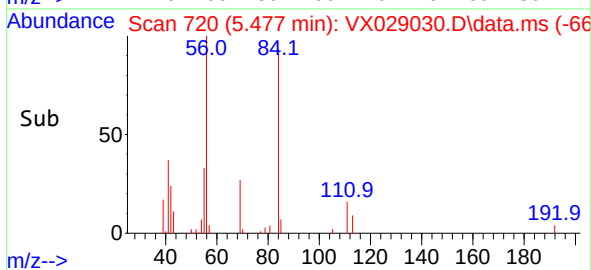
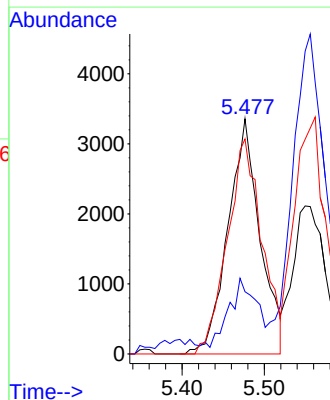
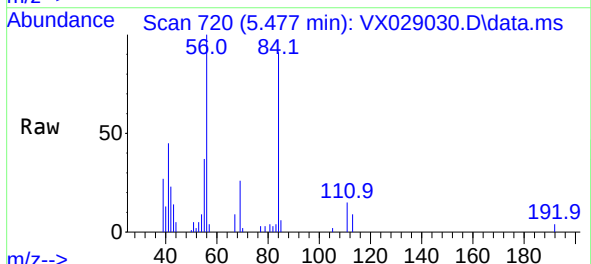
Instrument :
MSVOA_X
ClientSampleId :
MW-31

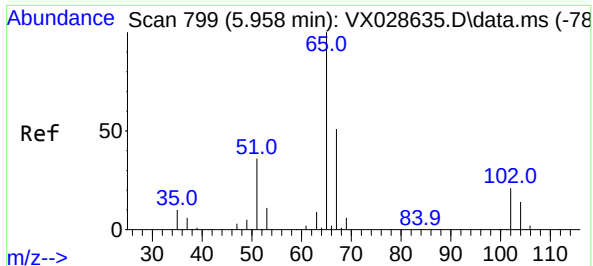
Tgt Ion:	45	Resp:	23278
Ion	Ratio	Lower	Upper
45	100		
43	46.8	50.8	76.2#
87	29.7	26.6	39.8
59	12.7	10.5	15.7



#31
Cyclohexane
Concen: 1.423 ug/l
RT: 5.477 min Scan# 720
Delta R.T. 0.013 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

Tgt Ion:	56	Resp:	9078
Ion	Ratio	Lower	Upper
56	100		
69	20.3	26.7	40.1#
84	91.4	77.2	115.8

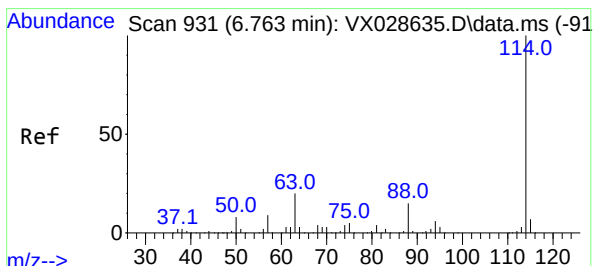
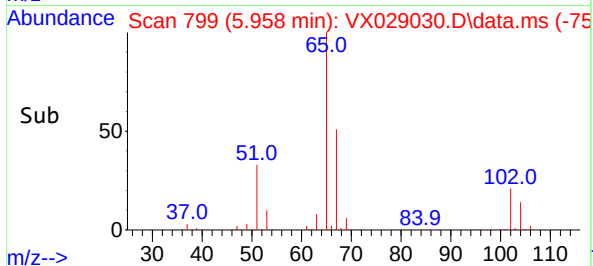
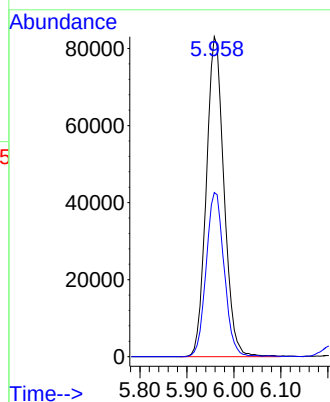
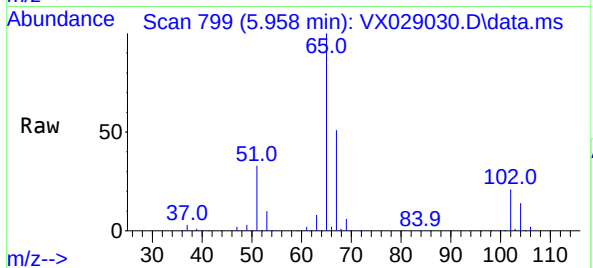




#33
 1,2-Dichloroethane-d4
 Concen: 47.189 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029030.D
 Acq: 27 May 2022 17:34

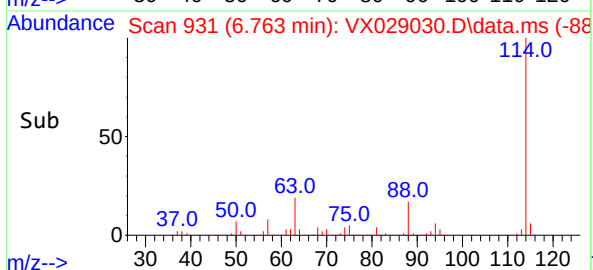
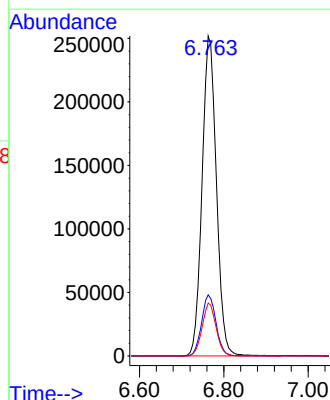
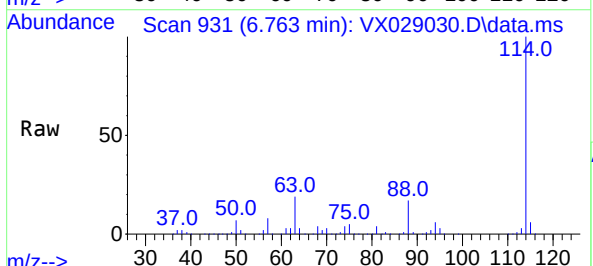
Instrument :
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 ClientSampleId :
 MW-31

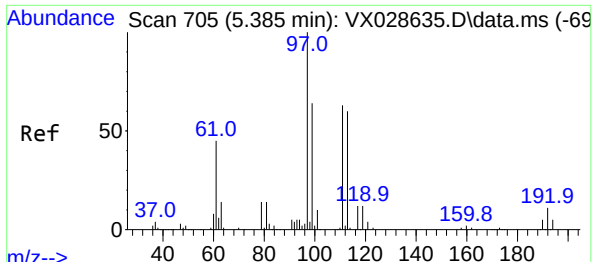
Tgt Ion: 65 Resp: 216831
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029030.D
 Acq: 27 May 2022 17:34

Tgt Ion: 114 Resp: 595520
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 36.8
 88 16.5 0.0 32.4

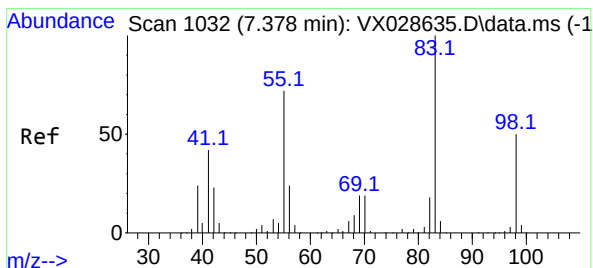
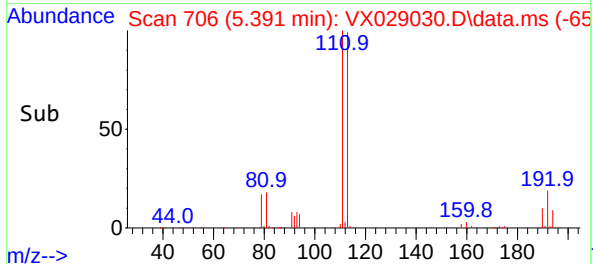
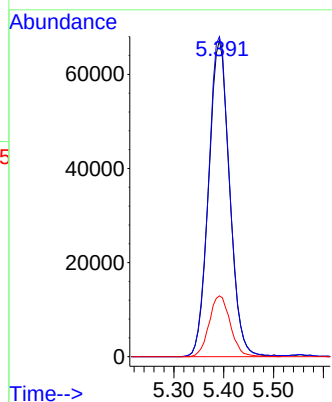
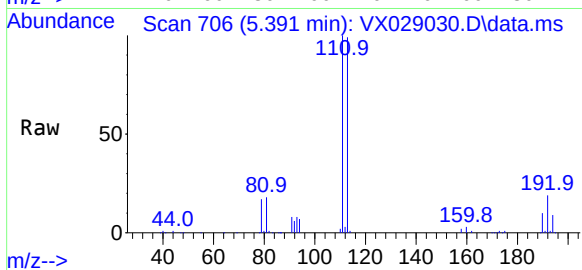




#35
Dibromofluoromethane
Concen: 50.124 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

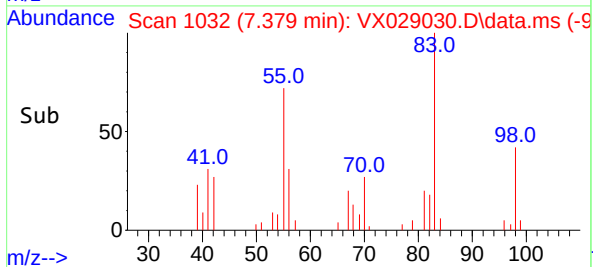
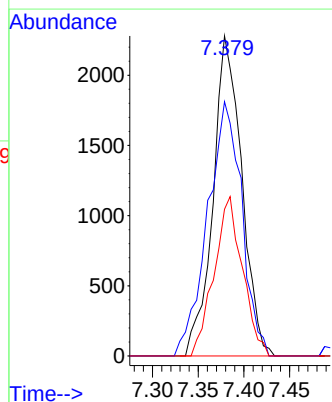
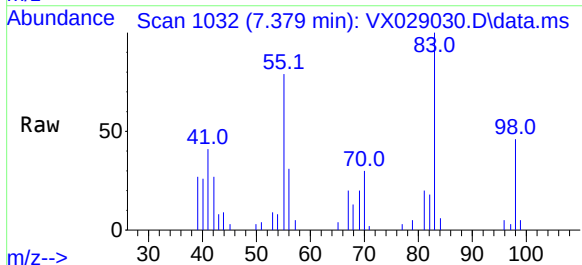
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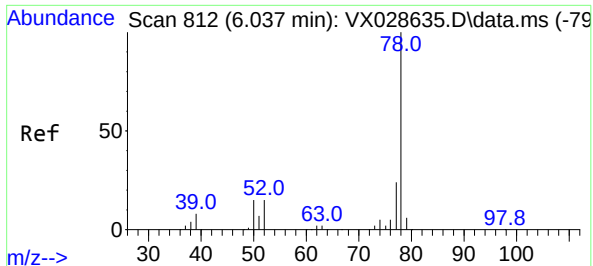
Tgt Ion:113 Resp: 195572
Ion Ratio Lower Upper
113 100
111 102.1 82.8 124.2
192 19.5 16.9 25.3



#39
Methylcyclohexane
Concen: 0.741 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

Tgt Ion: 83 Resp: 4979
Ion Ratio Lower Upper
83 100
55 79.5 54.6 81.8
98 45.9 37.4 56.2

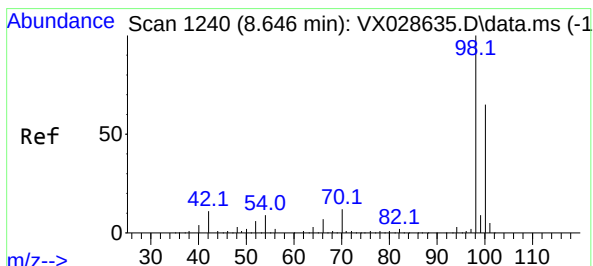
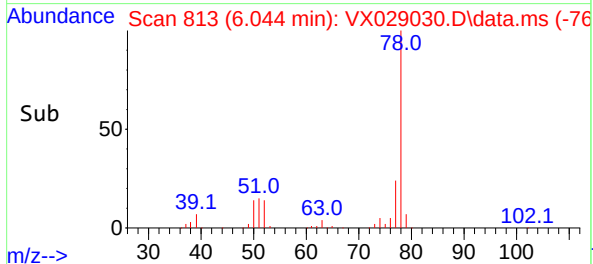
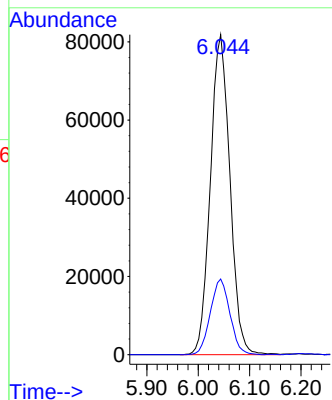
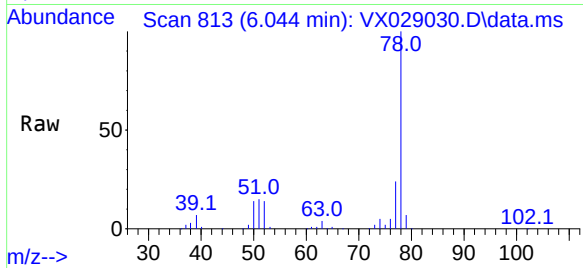




#40
Benzene
Concen: 12.834 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

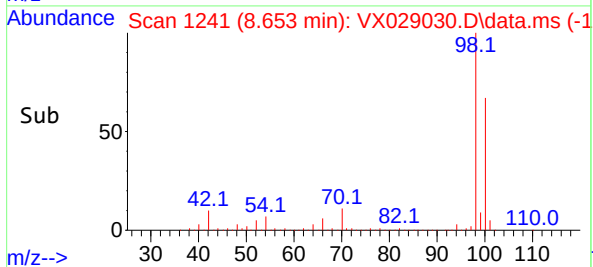
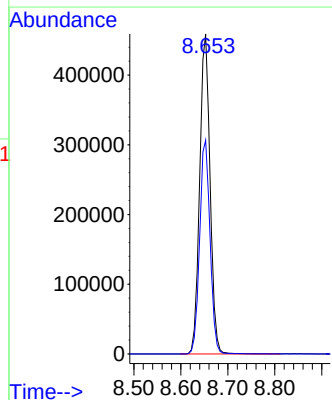
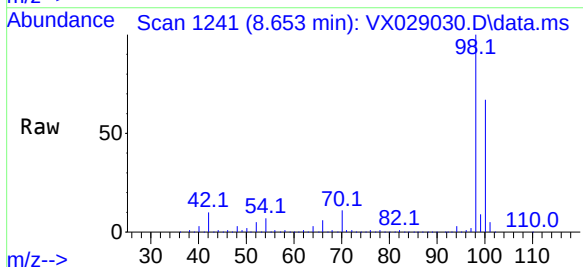
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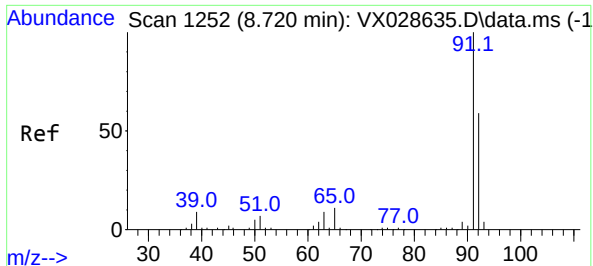
Tgt Ion: 78 Resp: 216154
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



#50
Toluene-d8
Concen: 48.159 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

Tgt Ion: 98 Resp: 708443
Ion Ratio Lower Upper
98 100
100 66.9 52.6 78.8

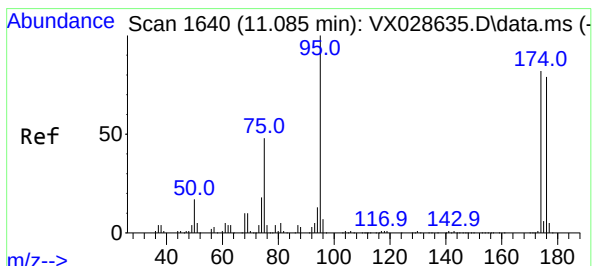
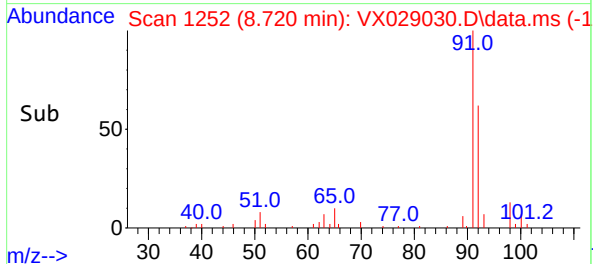
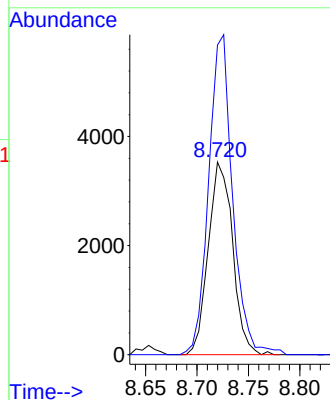
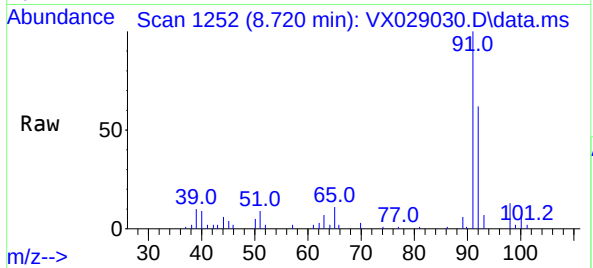




#52
Toluene
Concen: 0.537 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

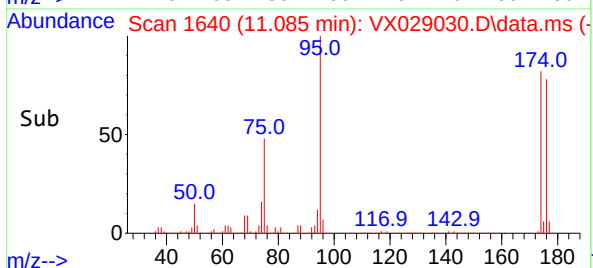
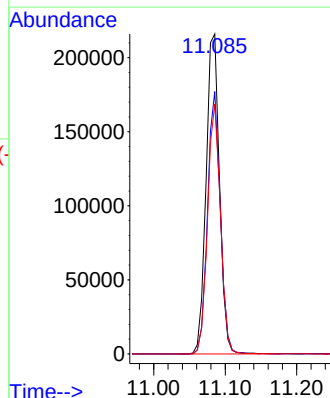
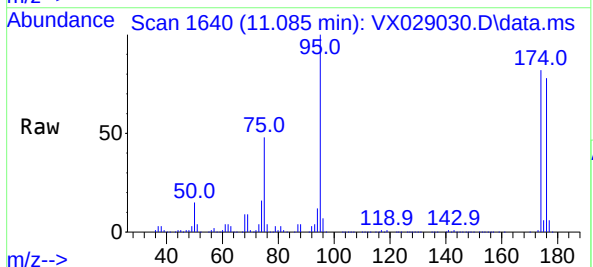
Instrument :
MSVOA_X
ClientSampleId :
MW-31

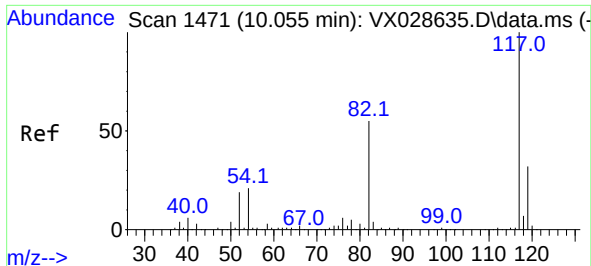
Tgt Ion: 92 Resp: 5821
Ion Ratio Lower Upper
92 100
91 163.2 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 51.425 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

Tgt Ion: 95 Resp: 282551
Ion Ratio Lower Upper
95 100
174 77.9 0.0 163.0
176 75.0 0.0 155.0

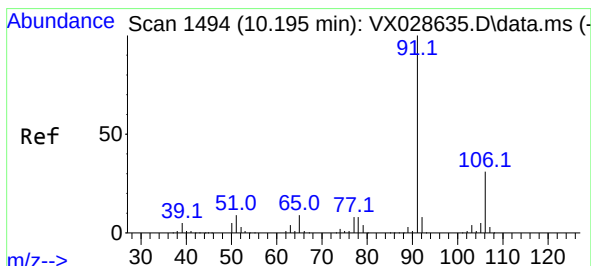
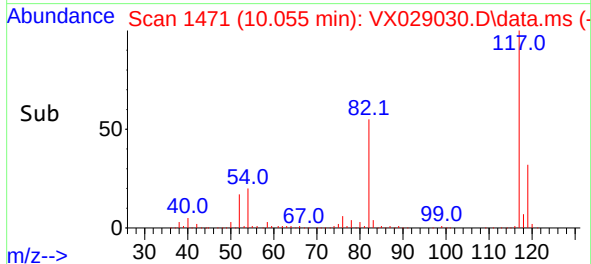
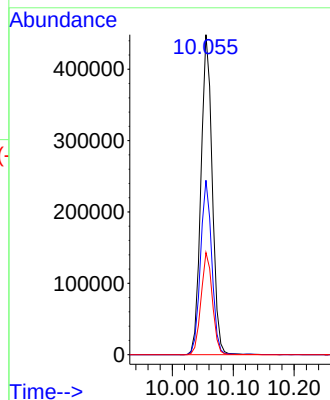
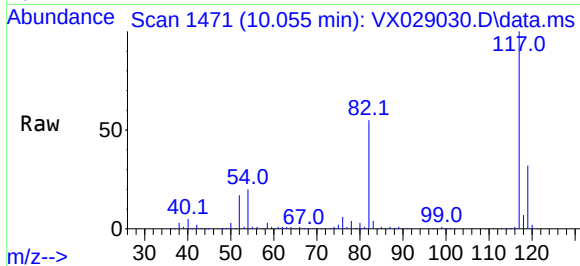




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

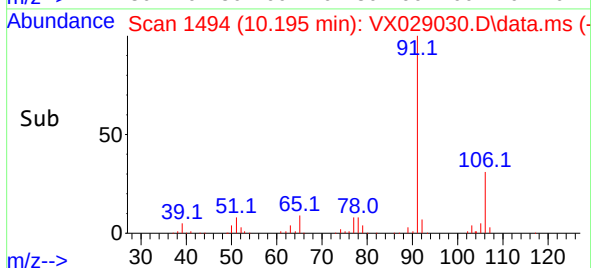
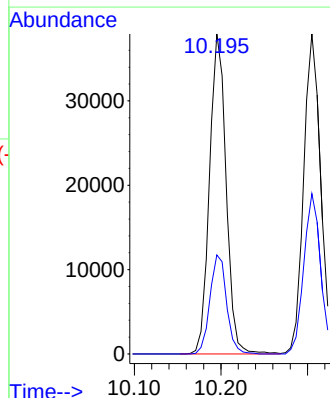
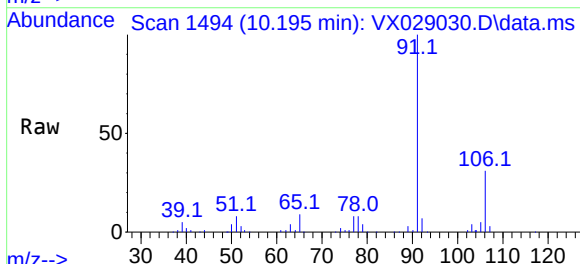
Instrument :
MSVOA_X
ClientSampleId :
MW-31

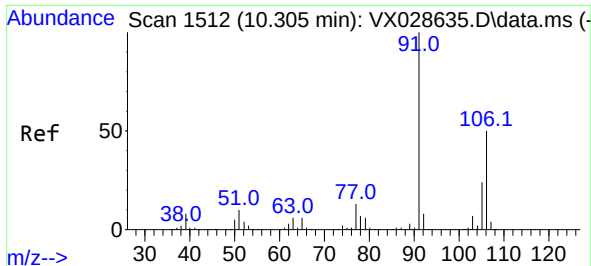
Tgt Ion:117 Resp: 579026
Ion Ratio Lower Upper
117 100
82 54.5 41.8 62.8
119 31.9 24.8 37.2



#67
Ethyl Benzene
Concen: 2.295 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

Tgt Ion: 91 Resp: 50527
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8

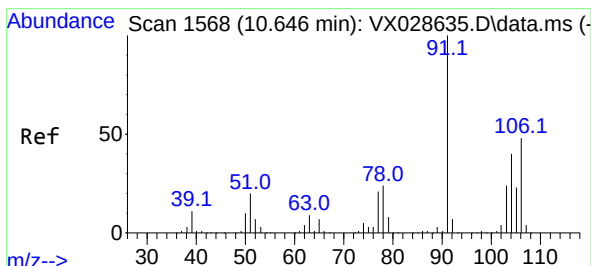
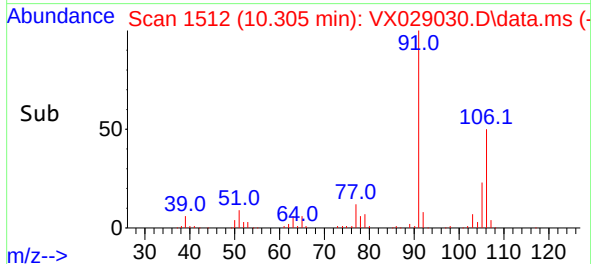
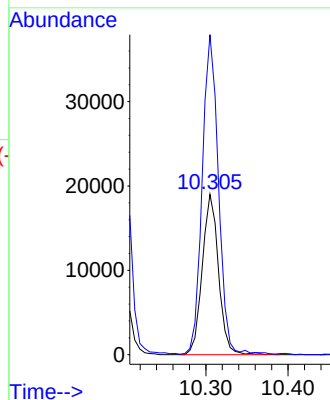
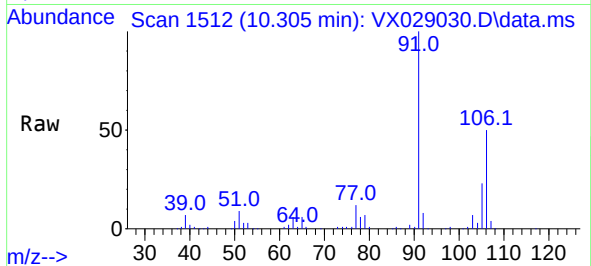




#68
m/p-Xylenes
Concen: 3.035 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

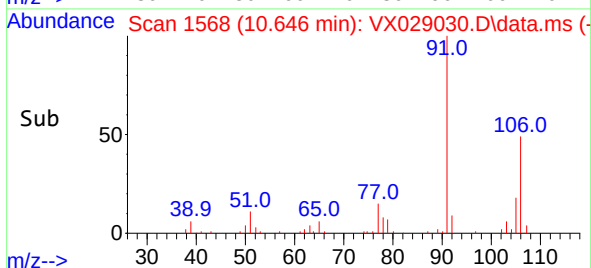
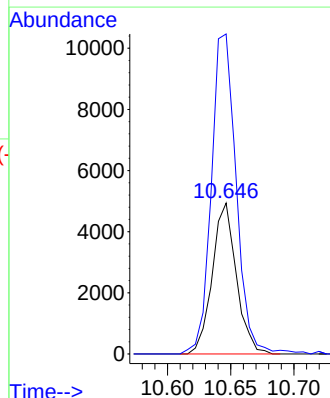
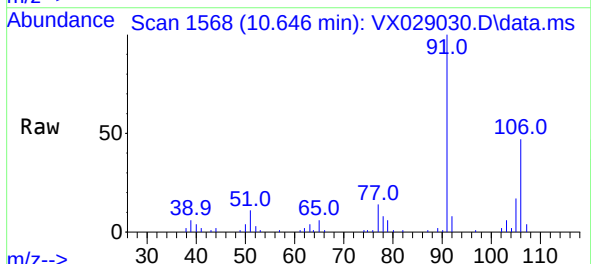
Instrument :
MSVOA_X
ClientSampleId :
MW-31

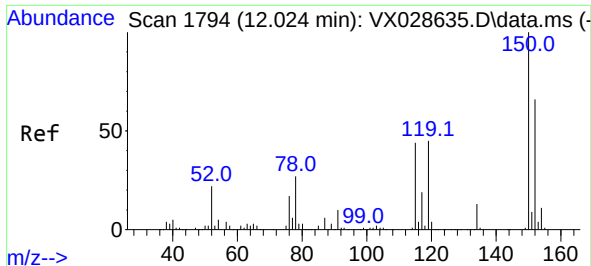
Tgt Ion:106 Resp: 26017
Ion Ratio Lower Upper
106 100
91 199.2 160.4 240.6



#69
o-Xylene
Concen: 0.774 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

Tgt Ion:106 Resp: 6533
Ion Ratio Lower Upper
106 100
91 219.4 106.1 318.1

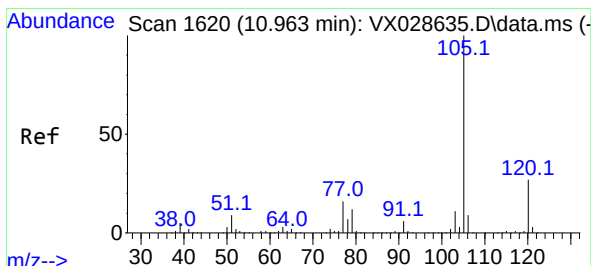
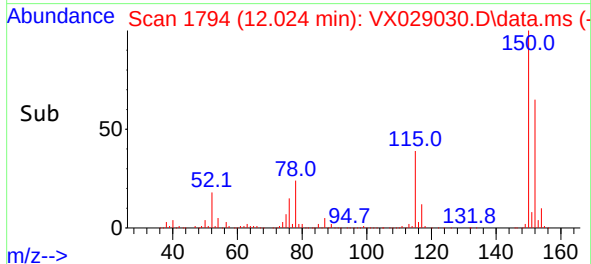
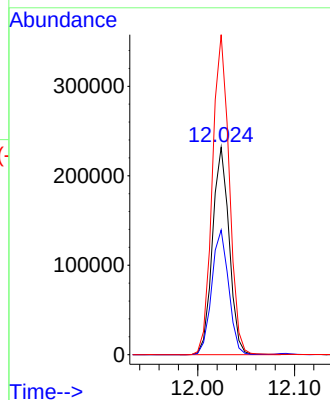
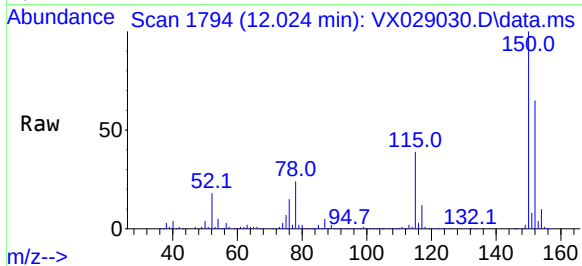




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

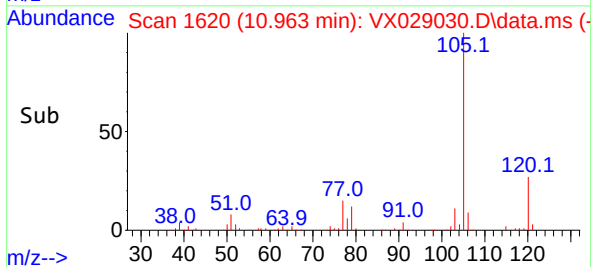
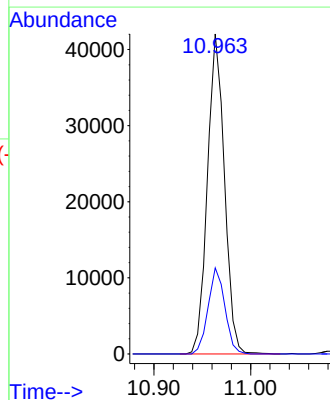
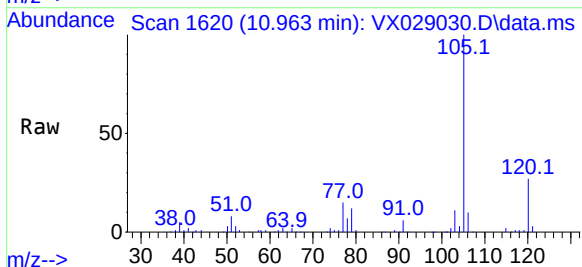
Instrument :
MSVOA_X
ClientSampleId :
MW-31

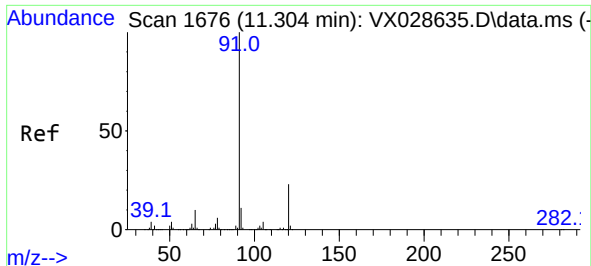
Tgt Ion:152 Resp: 277755
Ion Ratio Lower Upper
152 100
115 60.9 37.5 112.7
150 156.5 0.0 338.2



#73
Isopropylbenzene
Concen: 2.440 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

Tgt Ion:105 Resp: 51397
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.5

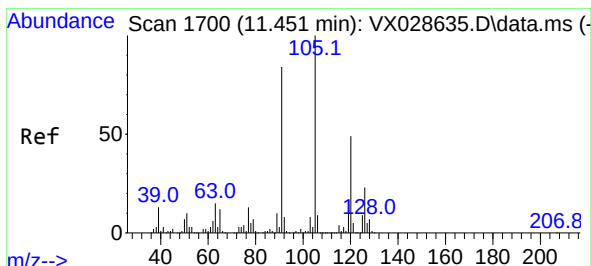
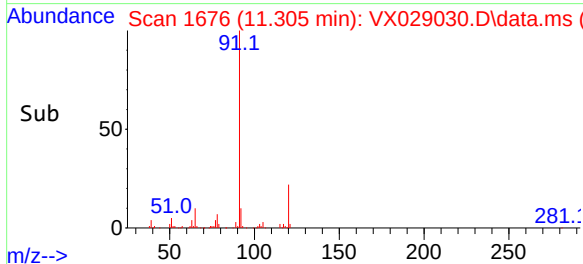
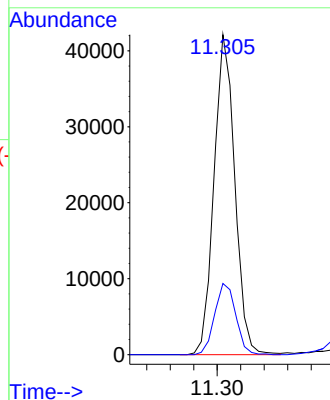
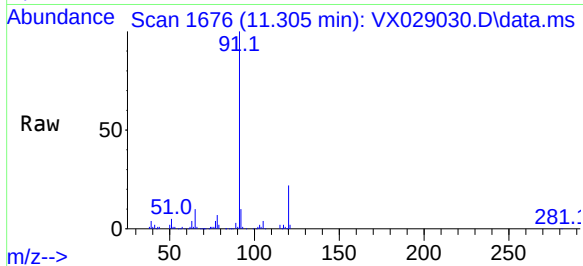




#78
n-propylbenzene
Concen: 2.126 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

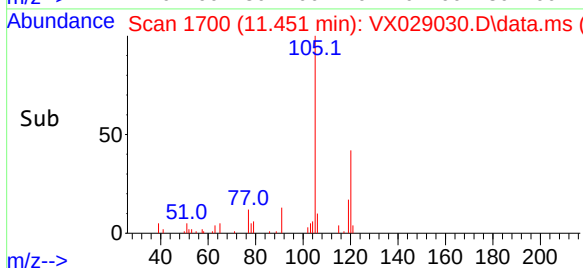
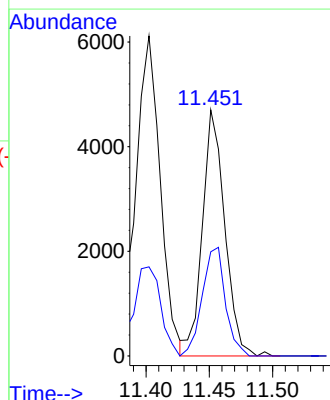
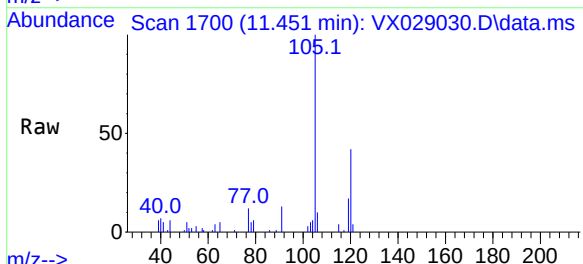
Instrument :
MSVOA_X
ClientSampleId :
MW-31

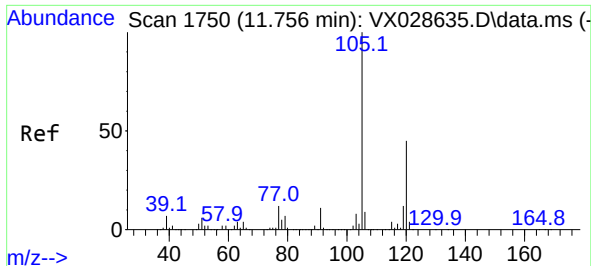
Tgt Ion: 91 Resp: 51790
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8



#80
1,3,5-Trimethylbenzene
Concen: 0.330 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

Tgt Ion: 105 Resp: 5797
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.9

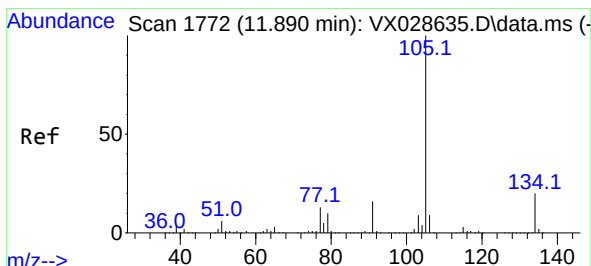
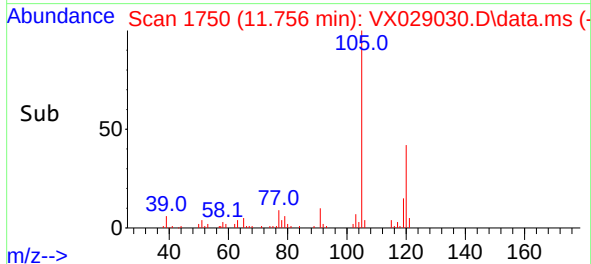
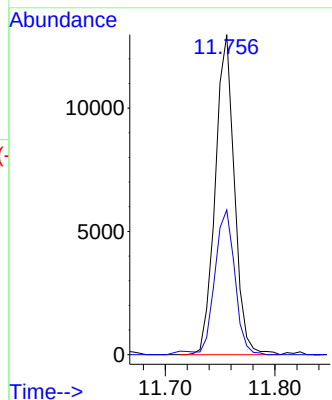
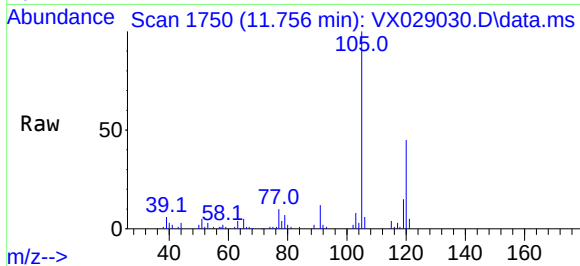




#84
1,2,4-Trimethylbenzene
Concen: 0.897 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. -0.000 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

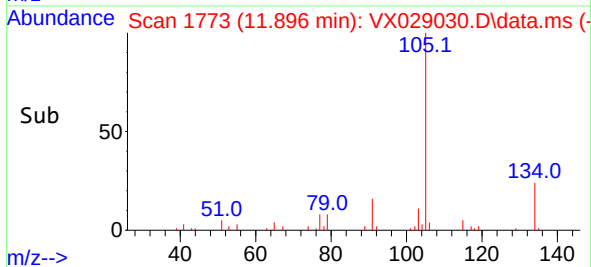
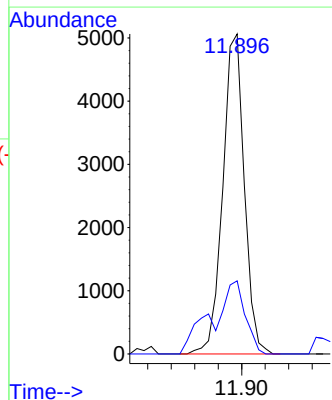
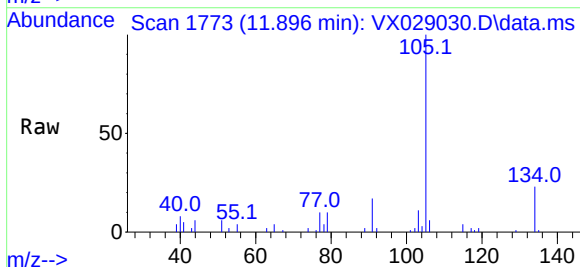
Instrument :
MSVOA_X
ClientSampleId :
MW-31

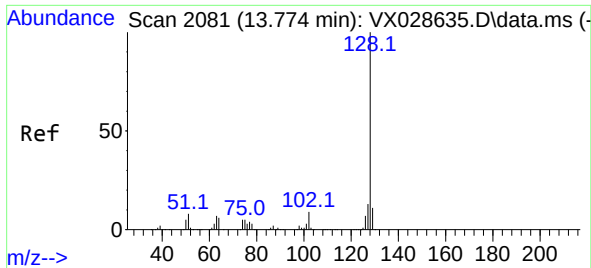
Tgt Ion:105 Resp: 15787
Ion Ratio Lower Upper
105 100
120 47.8 22.6 67.8



#85
sec-Butylbenzene
Concen: 0.307 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

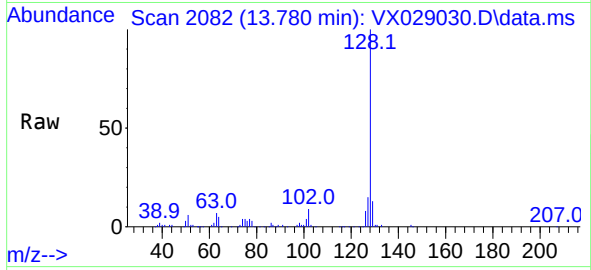
Tgt Ion:105 Resp: 6443
Ion Ratio Lower Upper
105 100
134 35.4 10.2 30.4#





#95
Naphthalene
Concen: 1.764 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX029030.D
Acq: 27 May 2022 17:34

Instrument :
MSVOA_X
ClientSampleId :
MW-31



Tgt Ion:128 Resp: 34811
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.4
129 13.8 8.7 13.1#

