

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051922\
 Data File : VX028836.D
 Acq On : 19 May 2022 19:26
 Operator : JC/MD
 Sample : N2943-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-35

Quant Time: May 20 01:50:26 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)

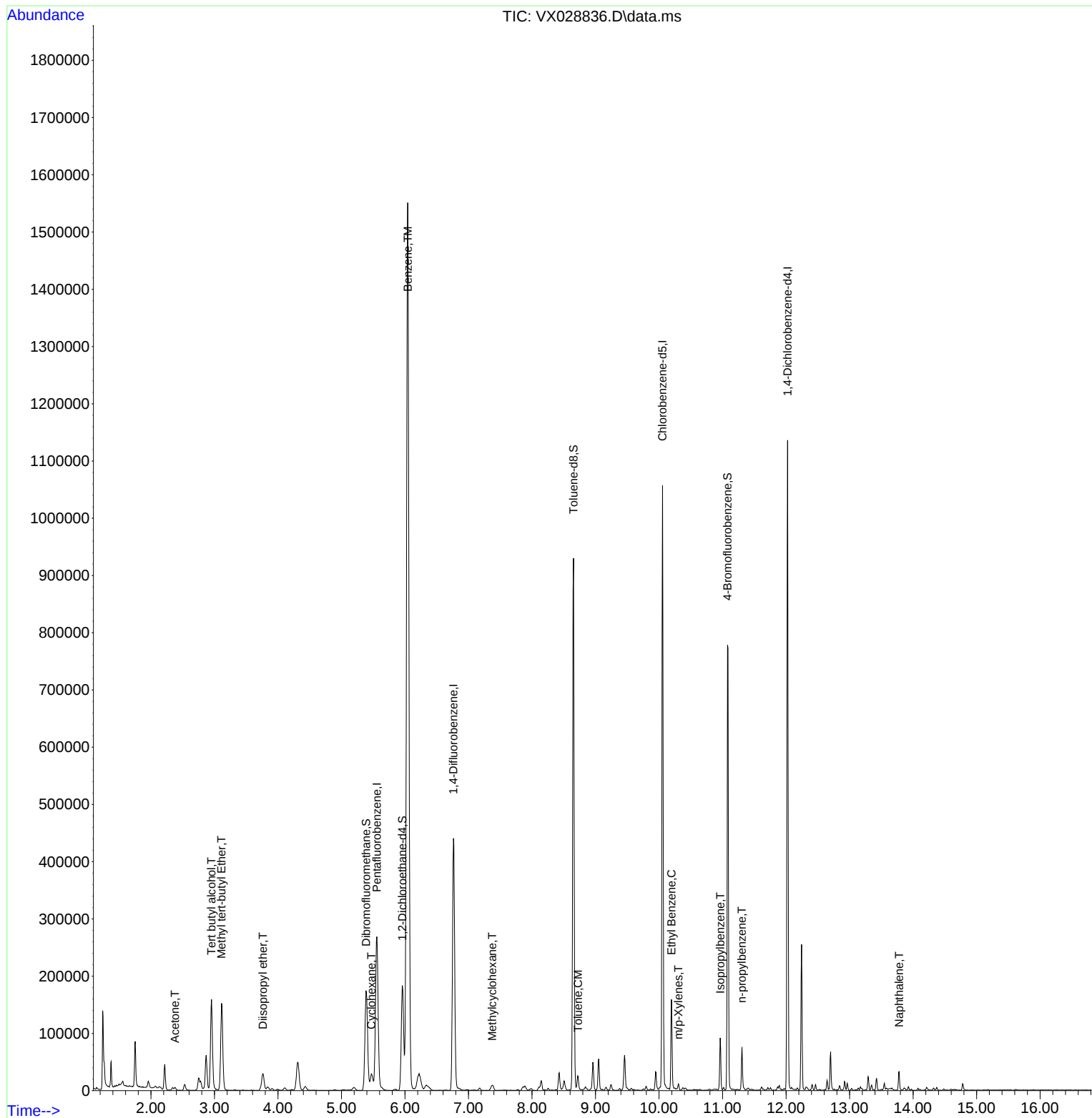
Internal Standards						
1) Pentafluorobenzene	5.556	168	251087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455021	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	437427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	219059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175283	50.927	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.860%
35) Dibromofluoromethane	5.385	113	149575	50.172	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.340%
50) Toluene-d8	8.653	98	543262	48.334	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.660%
62) 4-Bromofluorobenzene	11.079	95	209010	49.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.580%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	168691	230.320	ug/l	99
16) Acetone	2.380	43	6948	4.704	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	161860	17.552	ug/l	95
22) Diisopropyl ether	3.764	45	28615	3.213	ug/l	89
31) Cyclohexane	5.471	56	18036	3.775	ug/l	99
39) Methylcyclohexane	7.373	83	3457	0.673	ug/l #	77
40) Benzene	6.044	78	1867818	145.141	ug/l	100
52) Toluene	8.726	92	8518	1.029	ug/l	99
67) Ethyl Benzene	10.195	91	90233	5.425	ug/l	98
68) m/p-Xylenes	10.305	106	2576	0.398	ug/l	99
73) Isopropylbenzene	10.964	105	44700	2.691	ug/l	98
78) n-propylbenzene	11.305	91	41892	2.180	ug/l	98
95) Naphthalene	13.780	128	20581	1.322	ug/l	99

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

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Quant Time: May 20 01:50:26 2022
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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

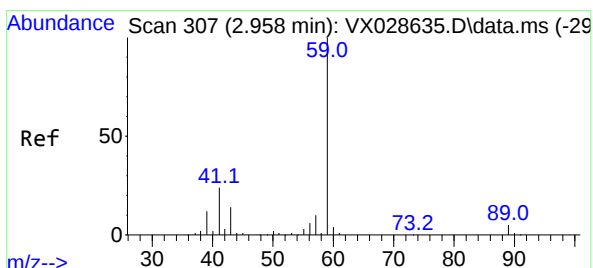
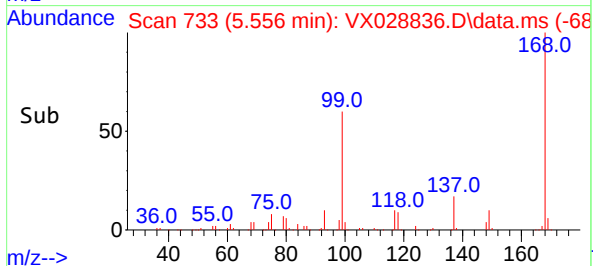
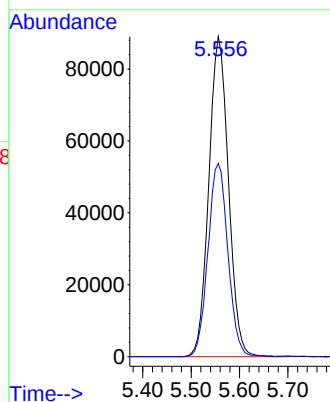
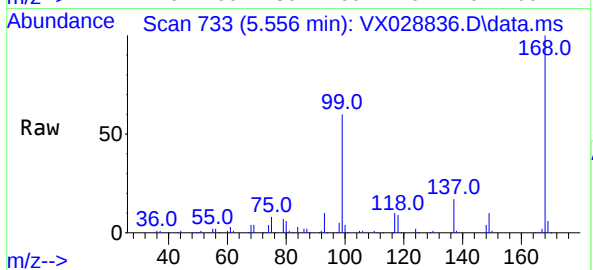




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

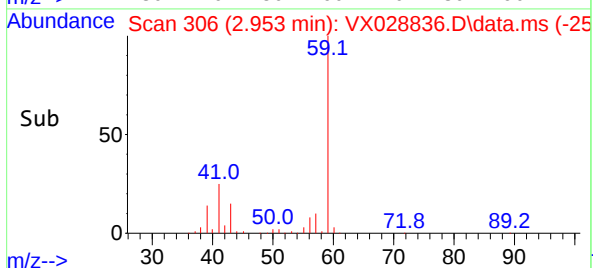
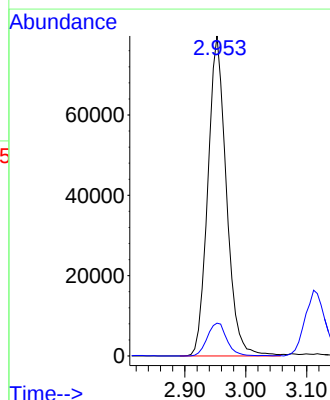
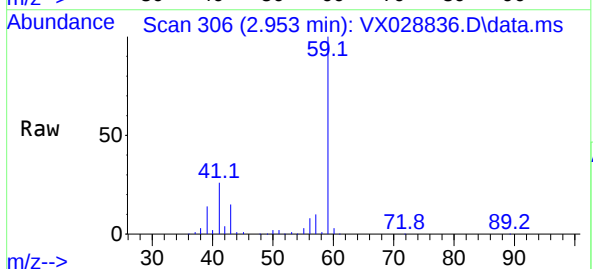
Instrument :
MSVOA_X
ClientSampleId :
MW-35

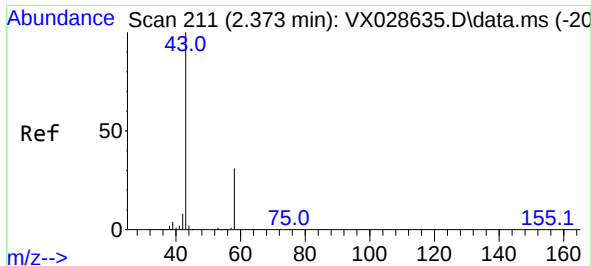
Tgt Ion:168 Resp: 251087
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#11
Tert butyl alcohol
Concen: 230.320 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.005 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

Tgt Ion: 59 Resp: 168691
Ion Ratio Lower Upper
59 100
57 10.8 8.3 12.5

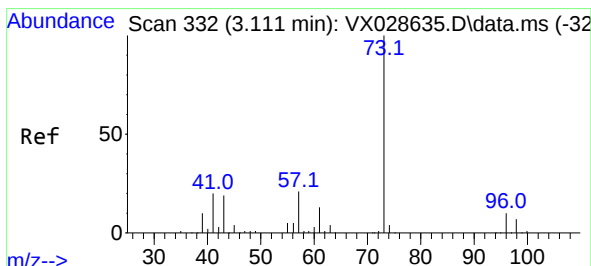
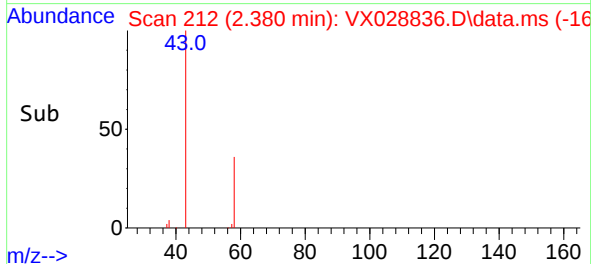
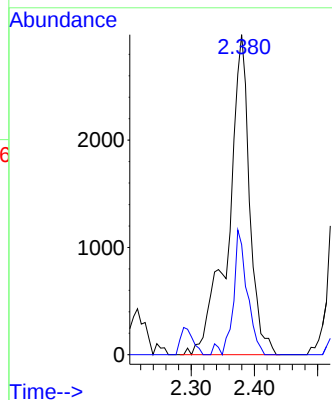
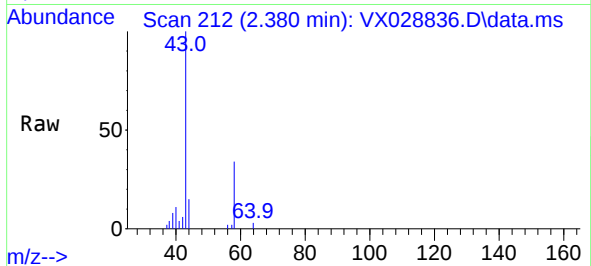




#16
Acetone
Concen: 4.704 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

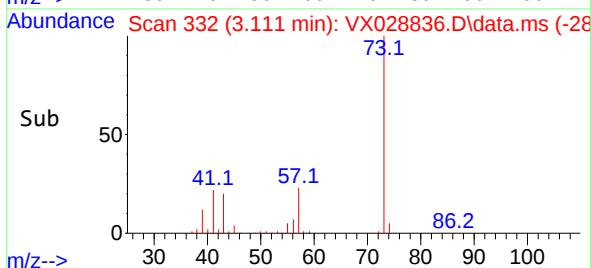
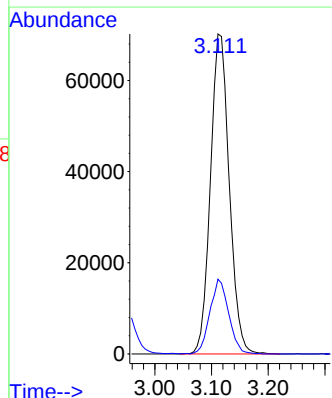
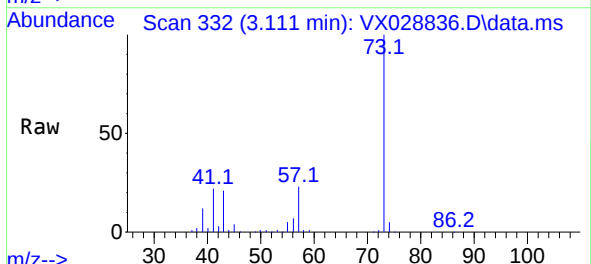
Instrument :
MSVOA_X
ClientSampleId :
MW-35

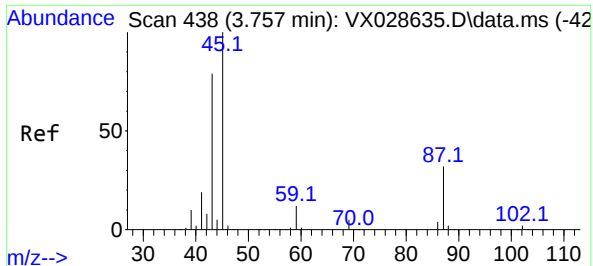
Tgt Ion: 43 Resp: 6948
Ion Ratio Lower Upper
43 100
58 34.4 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 17.552 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

Tgt Ion: 73 Resp: 161860
Ion Ratio Lower Upper
73 100
57 23.4 16.8 25.2

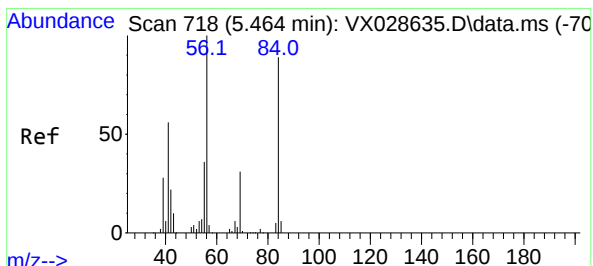
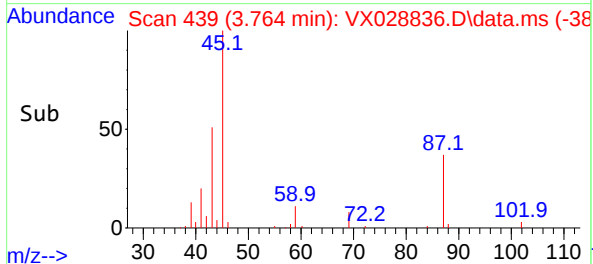
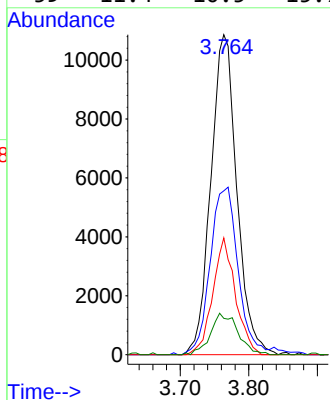
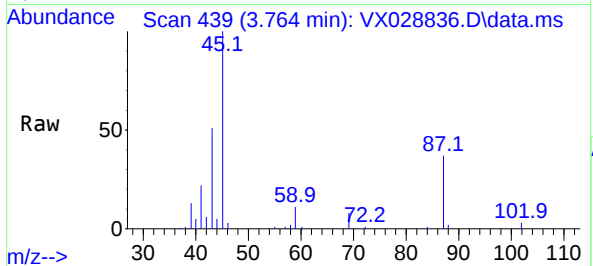




#22
Diisopropyl ether
Concen: 3.213 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.007 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

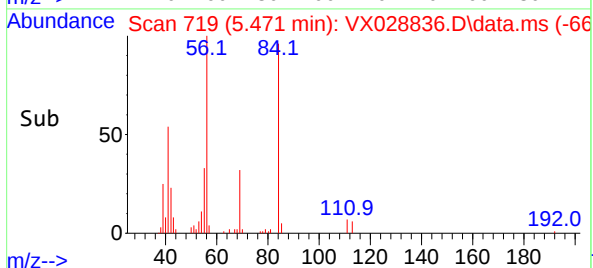
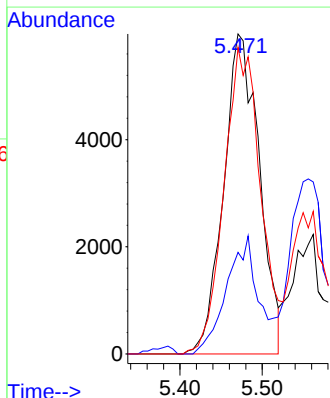
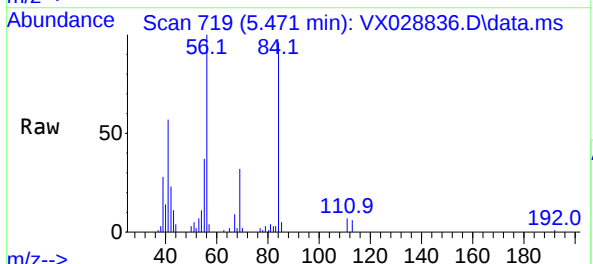
Instrument :
MSVOA_X
ClientSampleId :
MW-35

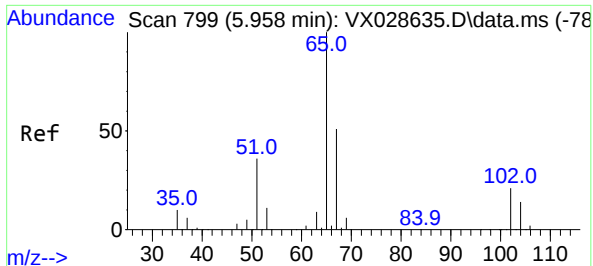
Tgt Ion:	45	Resp:	28615
Ion	Ratio	Lower	Upper
45	100		
43	51.2	50.8	76.2
87	36.5	26.6	39.8
59	11.4	10.5	15.7



#31
Cyclohexane
Concen: 3.775 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

Tgt Ion:	56	Resp:	18036
Ion	Ratio	Lower	Upper
56	100		
69	31.8	26.7	40.1
84	95.8	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 50.927 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028836.D

Acq: 19 May 2022 19:26

Instrument :

MSVOA_X

ClientSampleId :

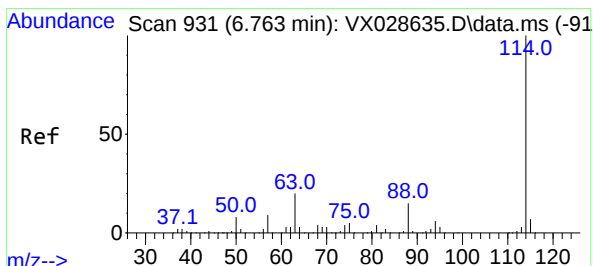
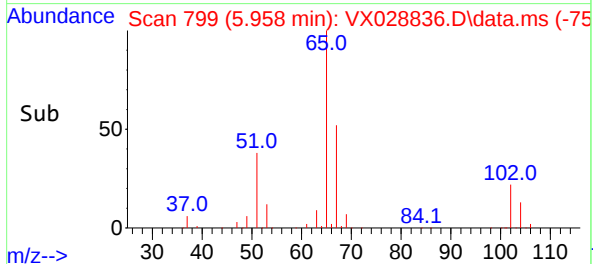
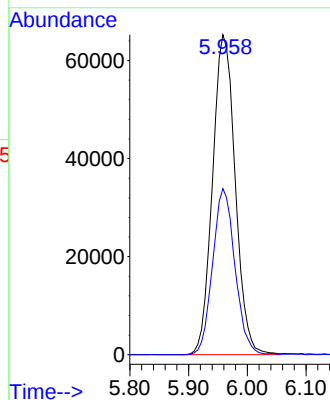
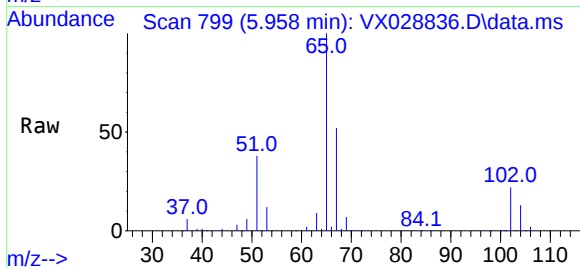
MW-35

Tgt Ion: 65 Resp: 175283

Ion Ratio Lower Upper

65 100

67 51.1 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: VX028836.D

Acq: 19 May 2022 19:26

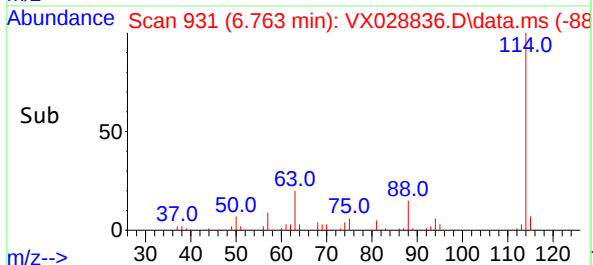
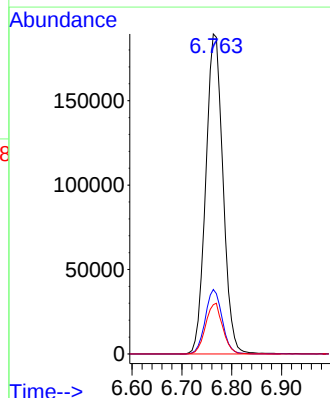
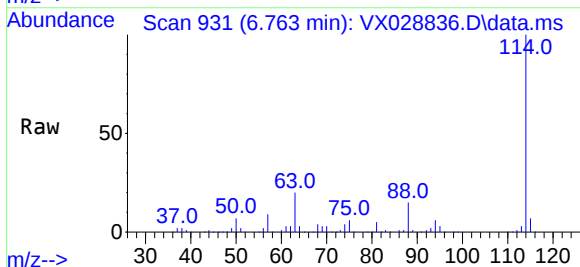
Tgt Ion: 114 Resp: 455021

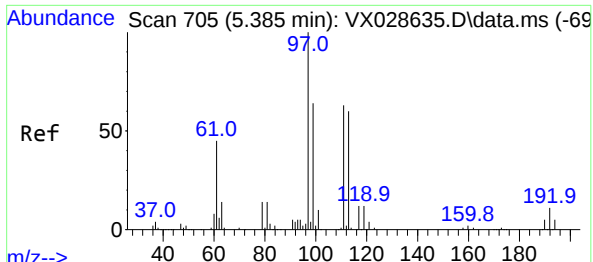
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

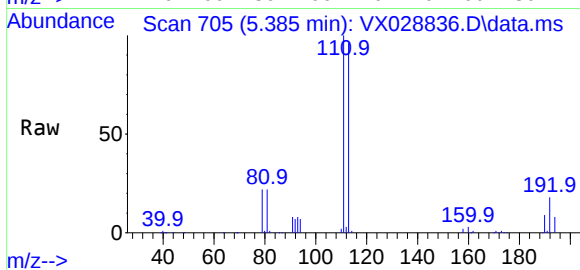
88 15.4 0.0 32.4



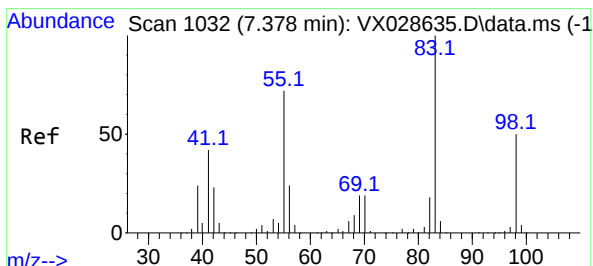
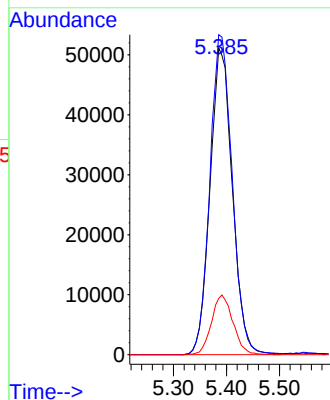
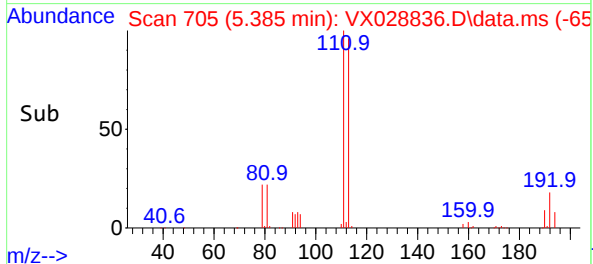


#35
Dibromofluoromethane
Concen: 50.172 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :
MW-35

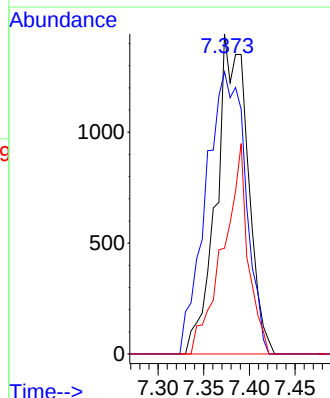
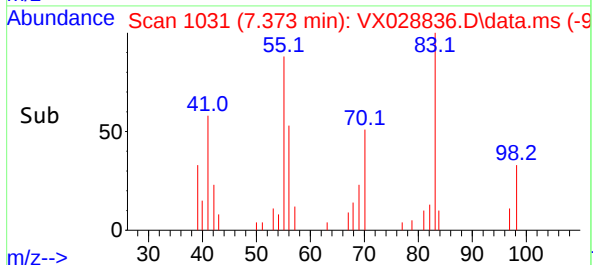
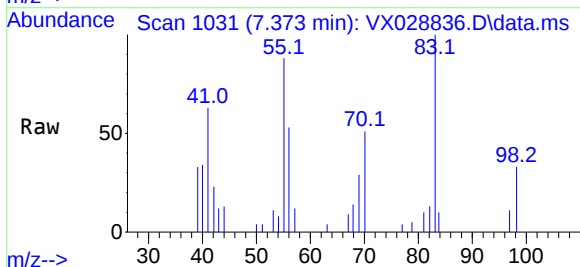


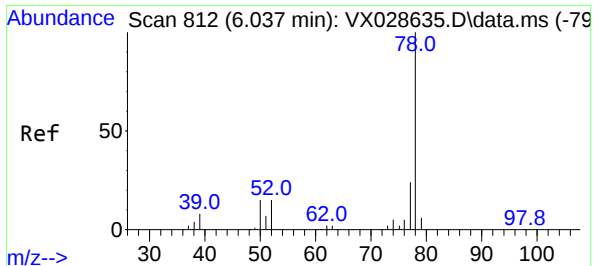
Tgt Ion:113 Resp: 149575
Ion Ratio Lower Upper
113 100
111 104.2 82.8 124.2
192 18.8 16.9 25.3



#39
Methylcyclohexane
Concen: 0.673 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

Tgt Ion: 83 Resp: 3457
Ion Ratio Lower Upper
83 100
55 88.1 54.6 81.8#
98 33.1 37.4 56.2#

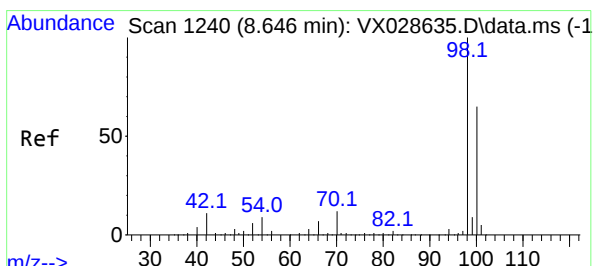
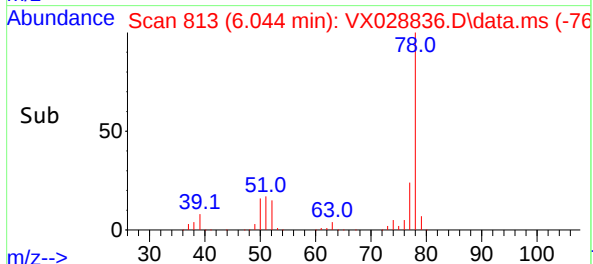
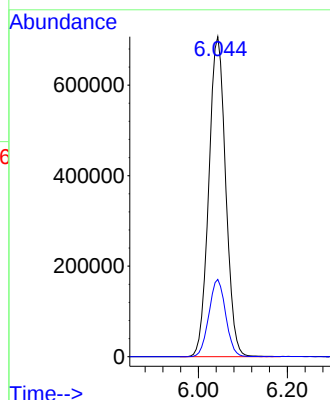
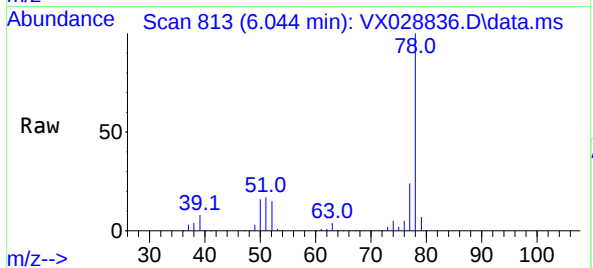




#40
Benzene
Concen: 145.141 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

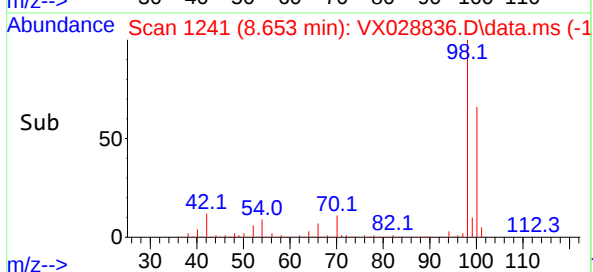
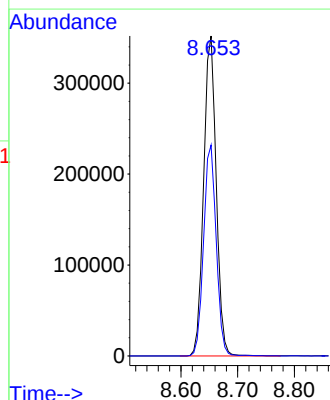
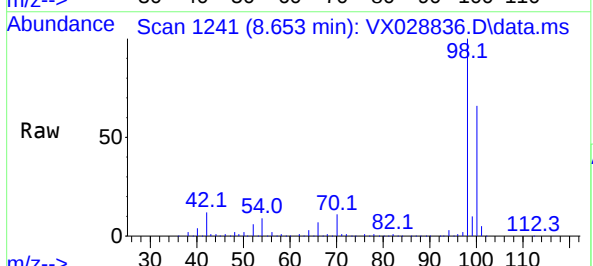
Instrument :
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MW-35

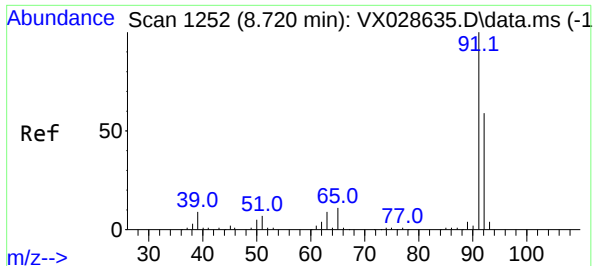
Tgt Ion: 78 Resp: 1867818
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9



#50
Toluene-d8
Concen: 48.334 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

Tgt Ion: 98 Resp: 543262
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

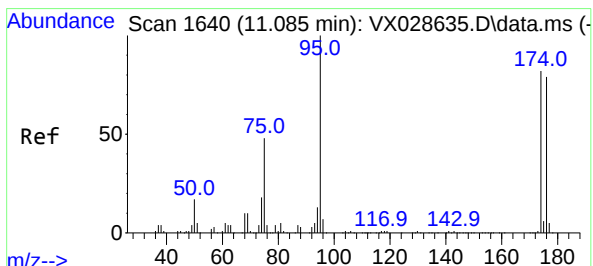
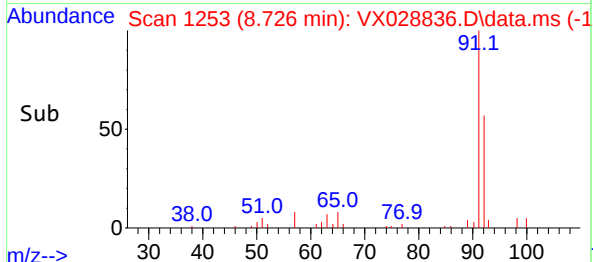
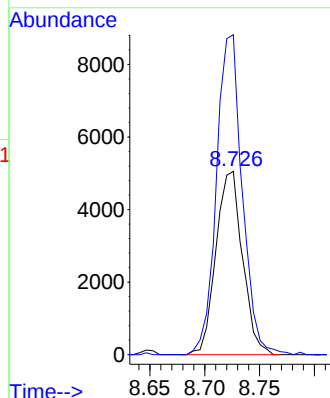
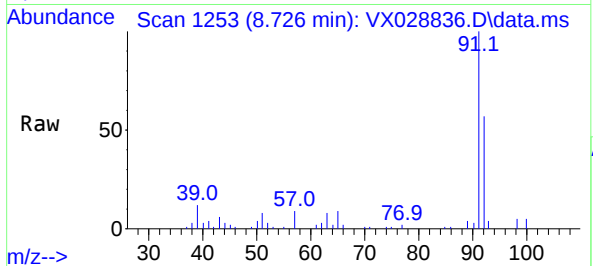




#52
Toluene
Concen: 1.029 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

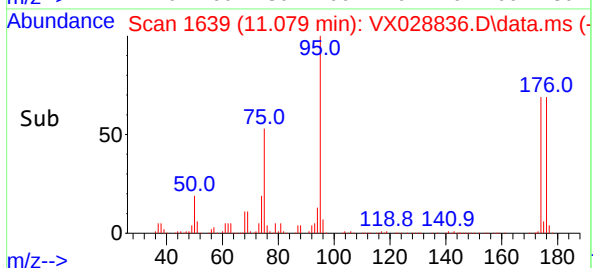
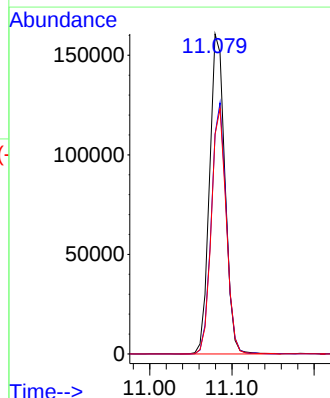
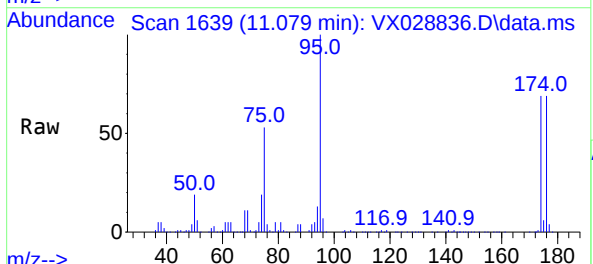
Instrument :
MSVOA_X
ClientSampleId :
MW-35

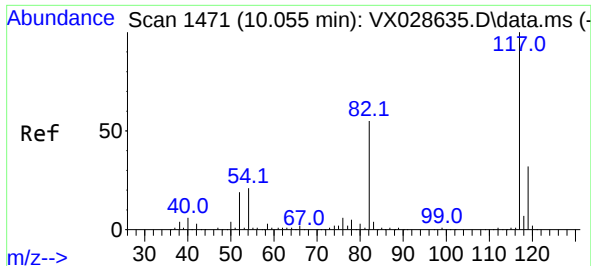
Tgt Ion: 92 Resp: 8518
Ion Ratio Lower Upper
92 100
91 170.0 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 49.786 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

Tgt Ion: 95 Resp: 209010
Ion Ratio Lower Upper
95 100
174 75.8 0.0 163.0
176 74.4 0.0 155.0

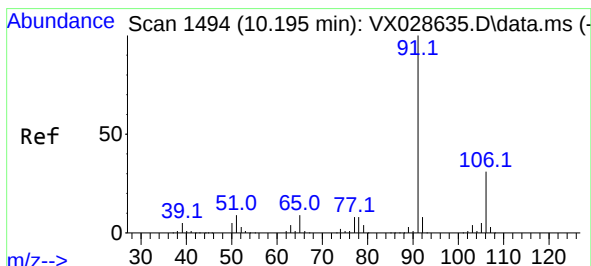
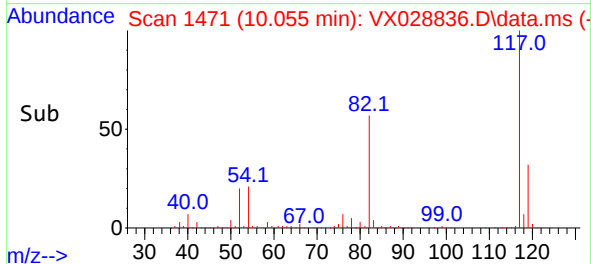
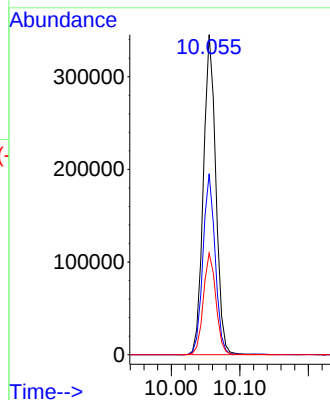
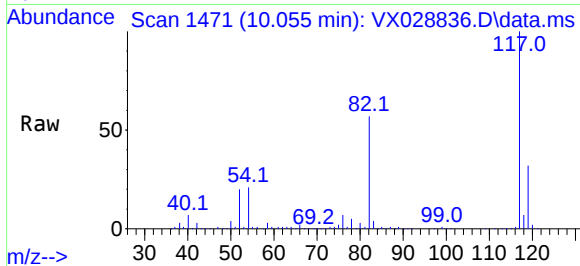




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

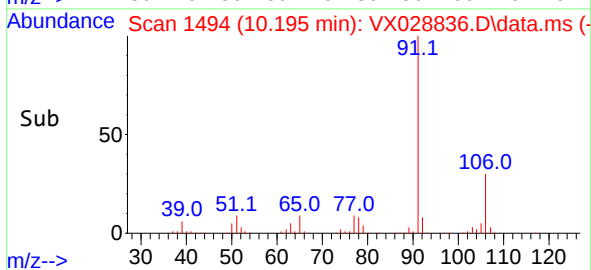
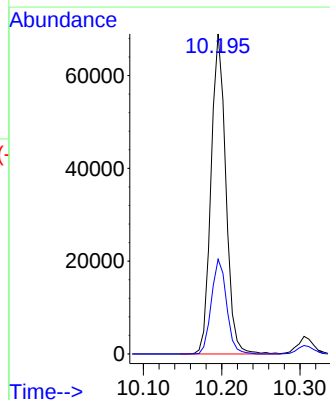
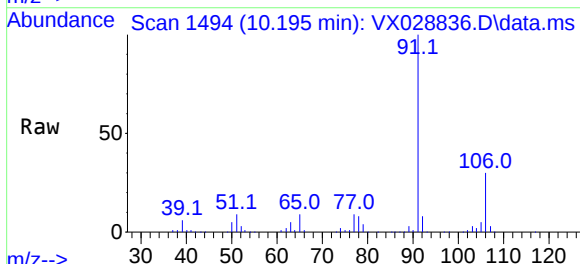
Instrument :
MSVOA_X
ClientSampleId :
MW-35

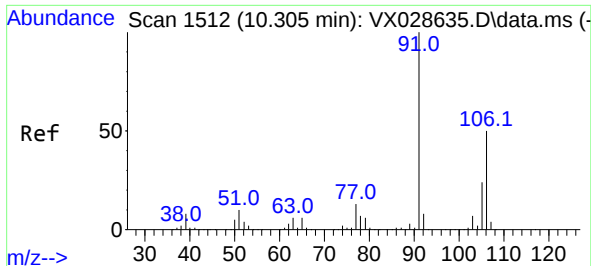
Tgt Ion:117 Resp: 437427
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 31.8 24.8 37.2



#67
Ethyl Benzene
Concen: 5.425 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

Tgt Ion: 91 Resp: 90233
Ion Ratio Lower Upper
91 100
106 29.6 24.6 36.8

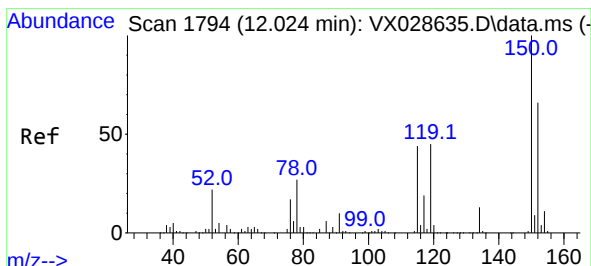
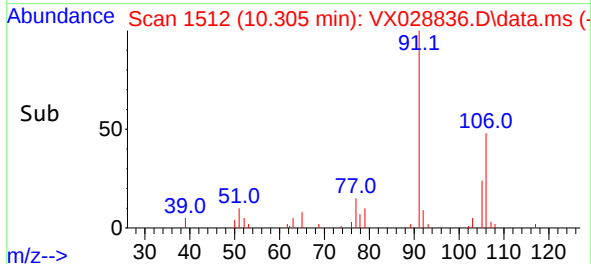
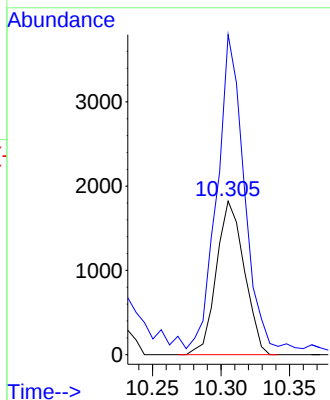
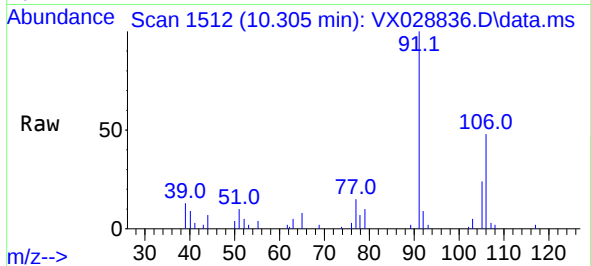




#68
m/p-Xylenes
Concen: 0.398 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

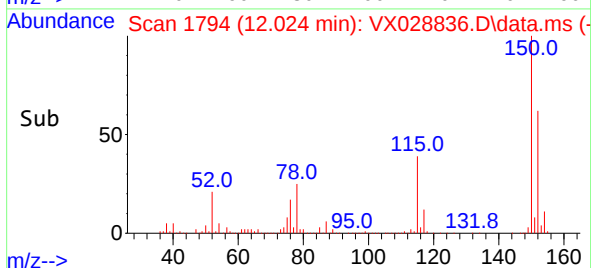
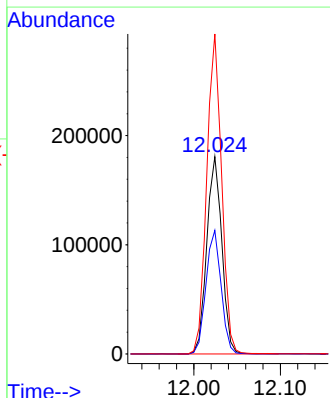
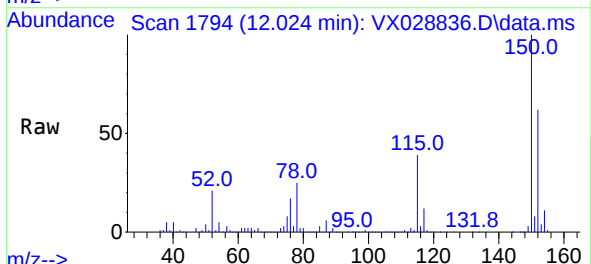
Instrument :
MSVOA_X
ClientSampleId :
MW-35

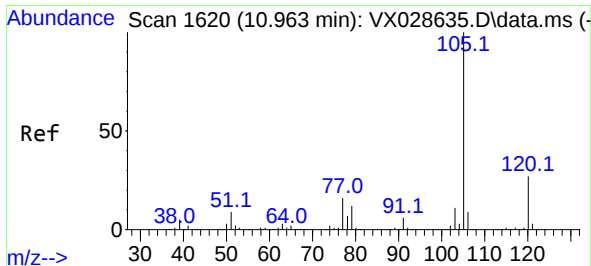
Tgt Ion:106 Resp: 2576
Ion Ratio Lower Upper
106 100
91 199.4 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

Tgt Ion:152 Resp: 219059
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 160.0 0.0 338.2

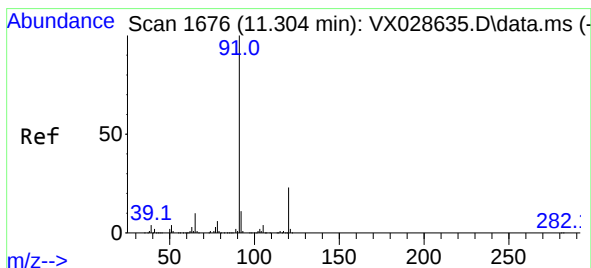
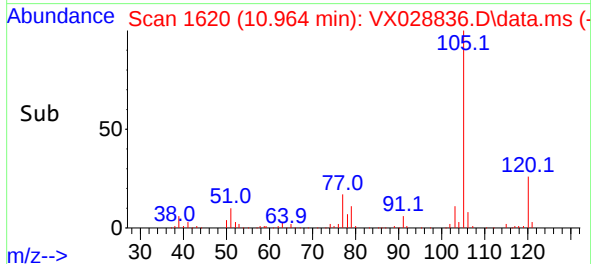
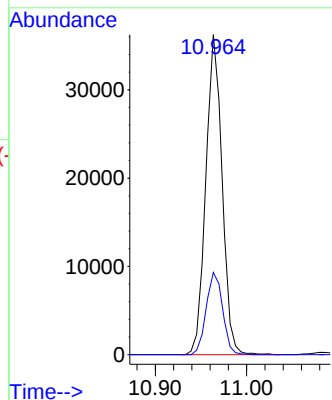
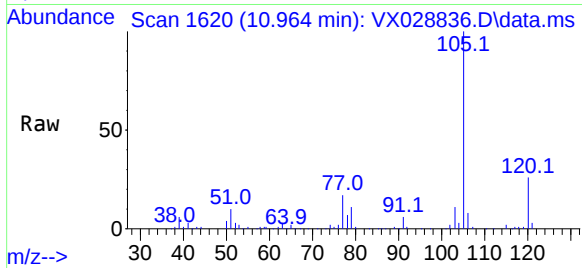




#73
Isopropylbenzene
Concen: 2.691 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

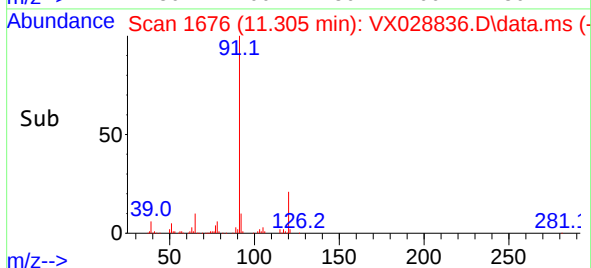
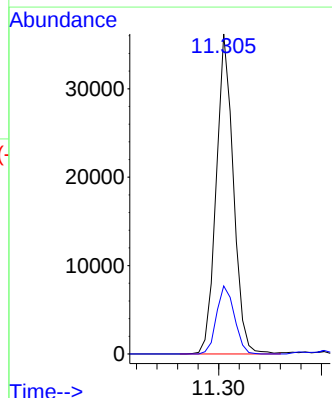
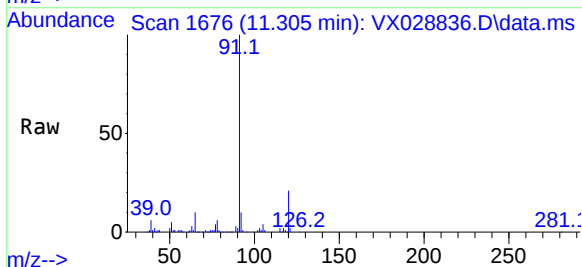
Instrument :
MSVOA_X
ClientSampleId :
MW-35

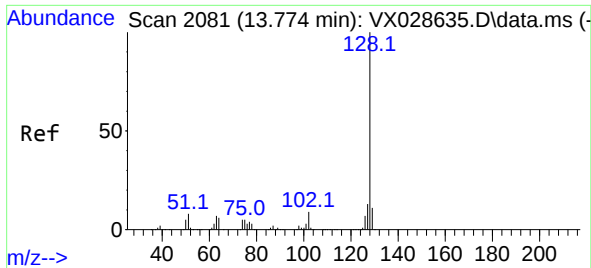
Tgt Ion:105 Resp: 44700
Ion Ratio Lower Upper
105 100
120 25.9 13.5 40.5



#78
n-propylbenzene
Concen: 2.180 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

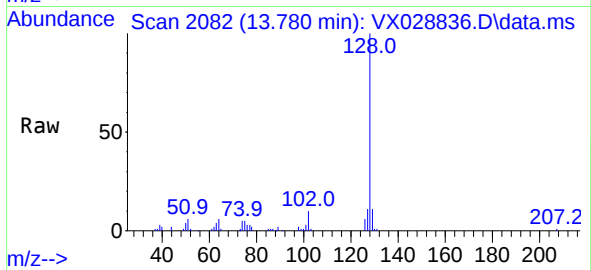
Tgt Ion: 91 Resp: 41892
Ion Ratio Lower Upper
91 100
120 22.0 11.6 34.8





#95
Naphthalene
Concen: 1.322 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX028836.D
Acq: 19 May 2022 19:26

Instrument :
MSVOA_X
ClientSampleId :
MW-35



Tgt Ion:128 Resp: 20581

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	11.6	8.7	13.1

