

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027628.D
 Acq On : 22 Mar 2022 20:37
 Operator : JC/MD
 Sample : N2028-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-118D

Quant Time: Mar 23 01:51:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

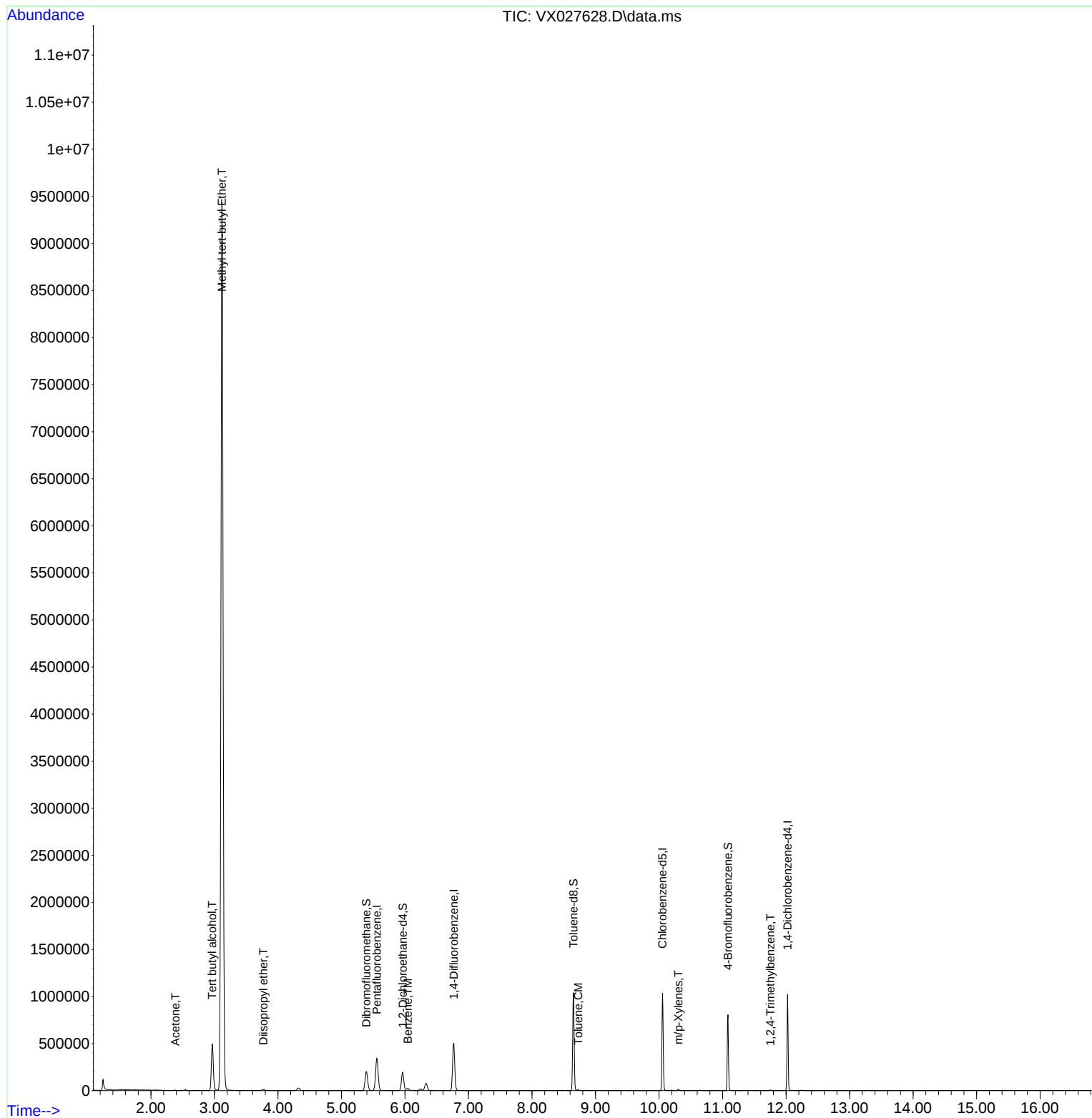
Internal Standards						
1) Pentafluorobenzene	5.556	168	336863	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	565964	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	487952	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	213246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	189974	45.779	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.560%
35) Dibromofluoromethane	5.391	113	178957	49.146	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.300%
50) Toluene-d8	8.653	98	650567	47.214	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.420%
62) 4-Bromofluorobenzene	11.085	95	219806	43.401	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.800%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	572903	724.392	ug/l #	72
16) Acetone	2.386	43	5887	3.480	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	10878135	1030.741	ug/l	94
22) Diisopropyl ether	3.770	45	11908	1.246	ug/l #	85
40) Benzene	6.044	78	30075	2.107	ug/l	98
52) Toluene	8.726	92	3797	0.397	ug/l	94
68) m/p-Xylenes	10.305	106	4051	0.599	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	3301	0.253	ug/l	98

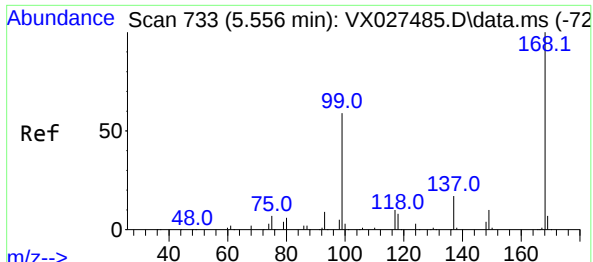
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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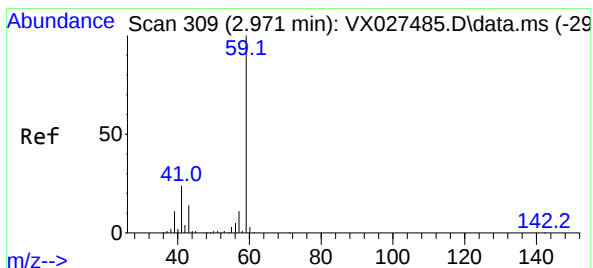
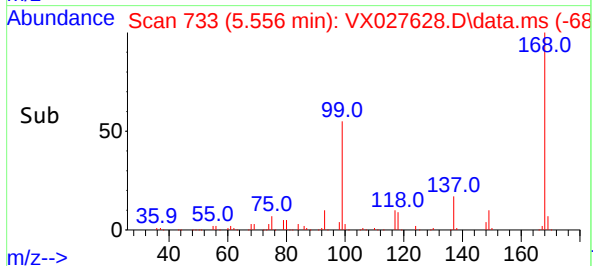
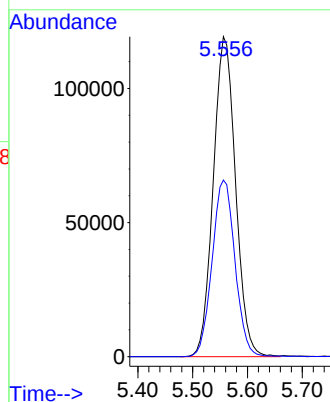
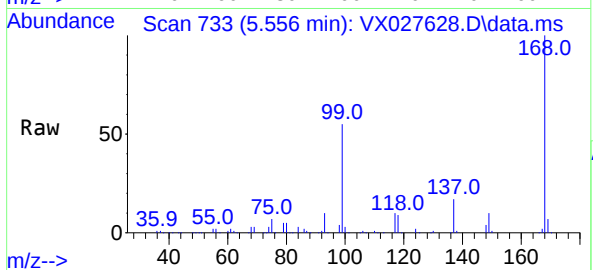




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

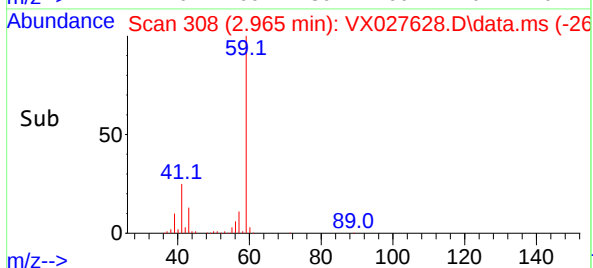
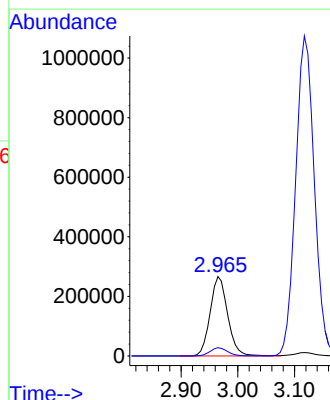
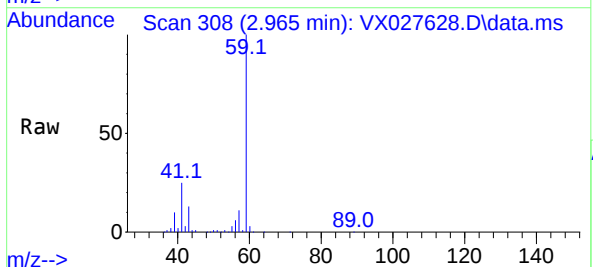
Instrument :
MSVOA_X
ClientSampleId :
MW-118D

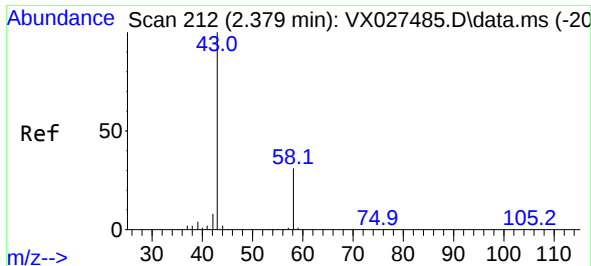
Tgt Ion:168 Resp: 336863
Ion Ratio Lower Upper
168 100
99 55.2 41.7 62.5



#11
Tert butyl alcohol
Concen: 724.392 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

Tgt Ion: 59 Resp: 572903
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

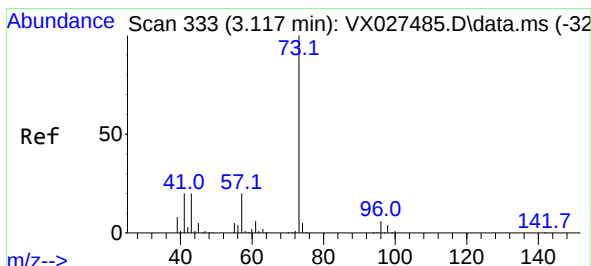
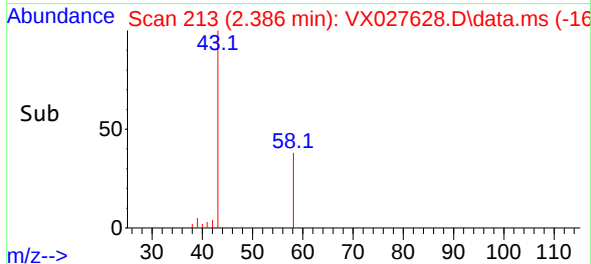
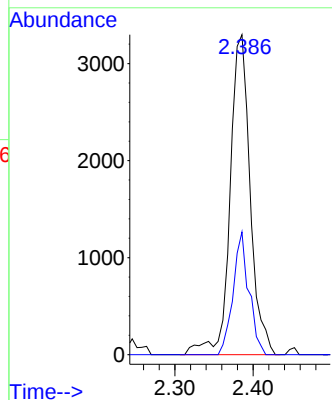
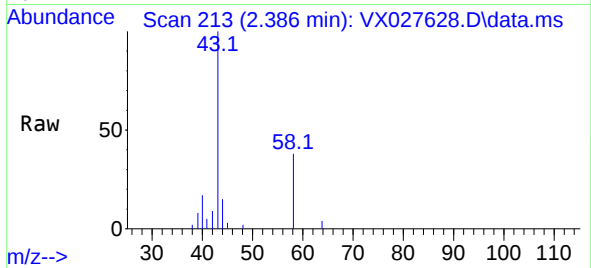




#16
Acetone
Concen: 3.480 ug/l
RT: 2.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

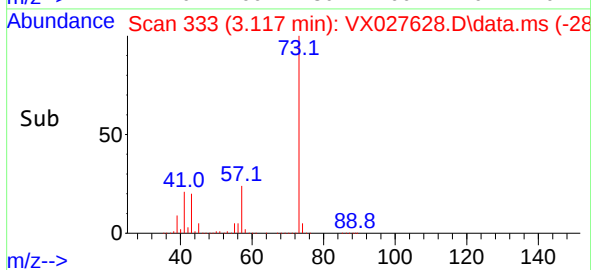
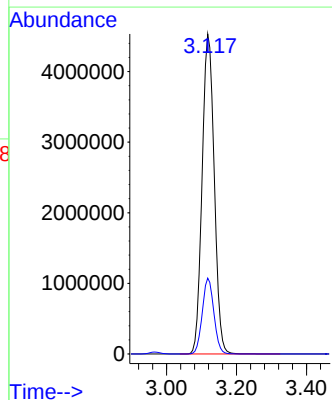
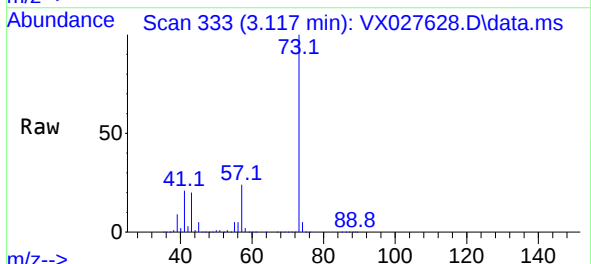
Instrument :
MSVOA_X
ClientSampleId :
MW-118D

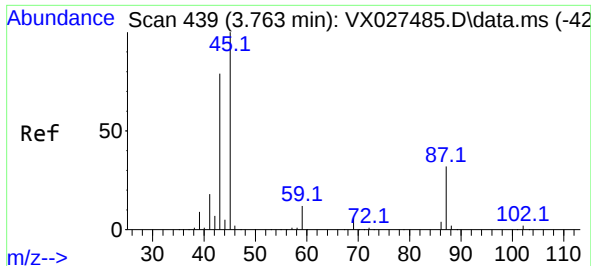
Tgt Ion: 43 Resp: 5887
Ion Ratio Lower Upper
43 100
58 38.4 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 1030.741 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

Tgt Ion: 73 Resp:10878135
Ion Ratio Lower Upper
73 100
57 23.7 16.8 25.2

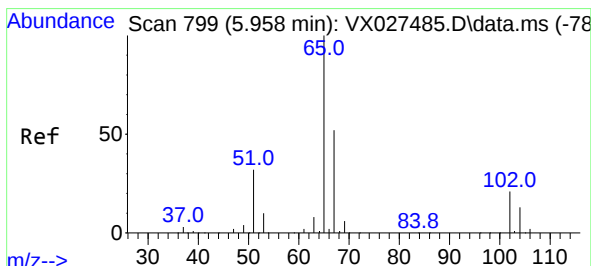
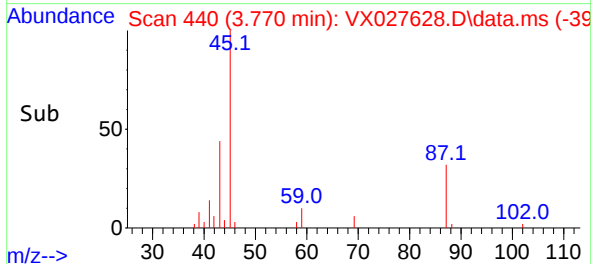
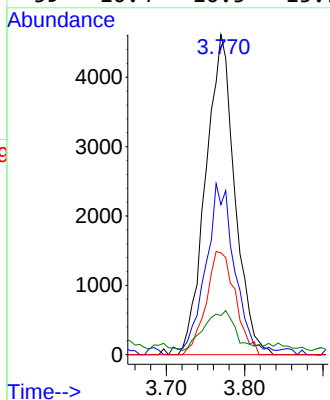
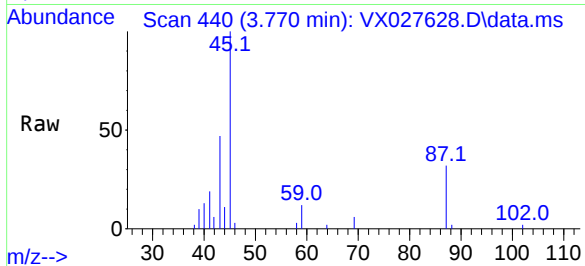




#22
Diisopropyl ether
Concen: 1.246 ug/l
RT: 3.770 min Scan# 44
Delta R.T. 0.006 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

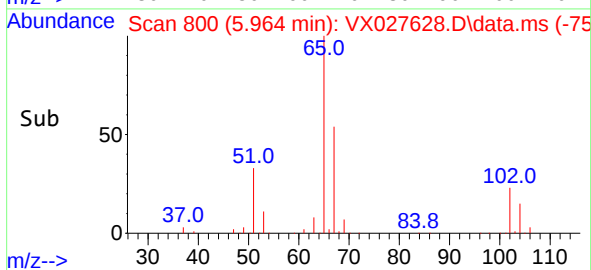
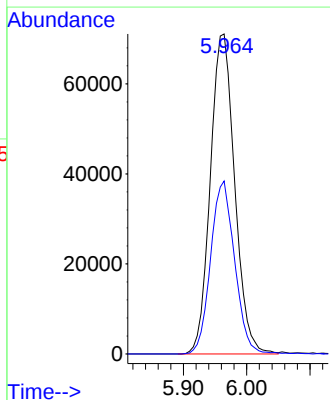
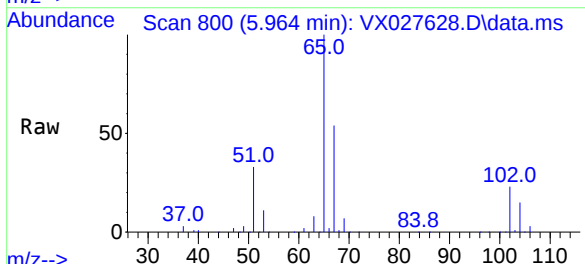
Instrument :
MSVOA_X
ClientSampleId :
MW-118D

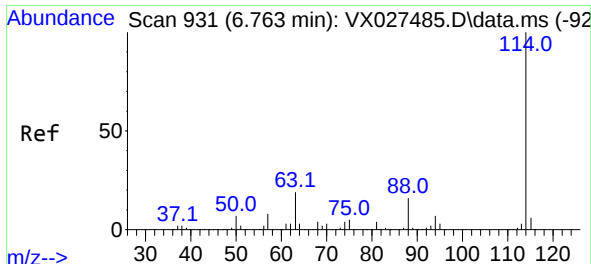
Tgt Ion:	45	Resp:	11908
Ion	Ratio	Lower	Upper
45	100		
43	45.6	50.8	76.2#
87	31.9	26.6	39.8
59	10.4	10.5	15.7#



#33
1,2-Dichloroethane-d4
Concen: 45.779 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

Tgt Ion:	65	Resp:	189974
Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	107.4

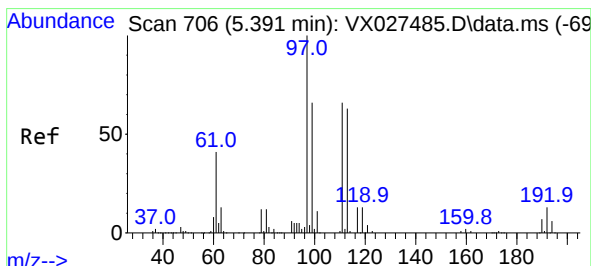
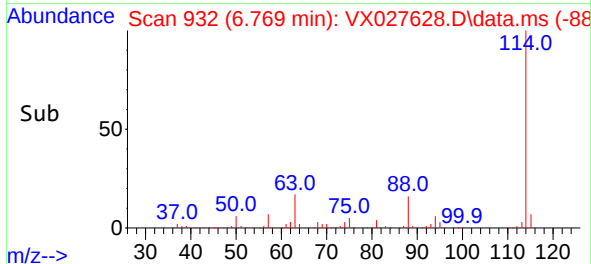
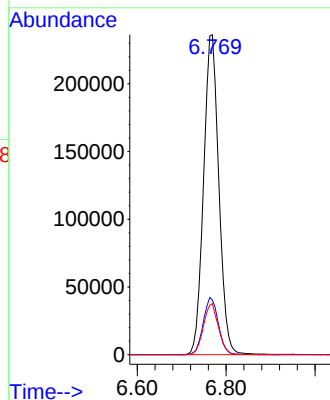
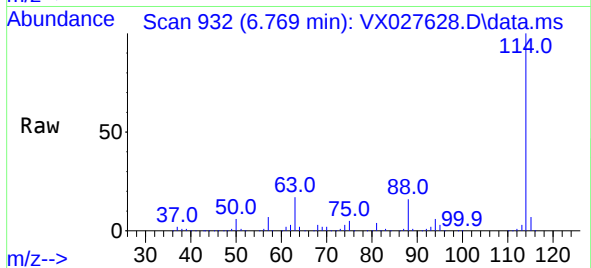




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

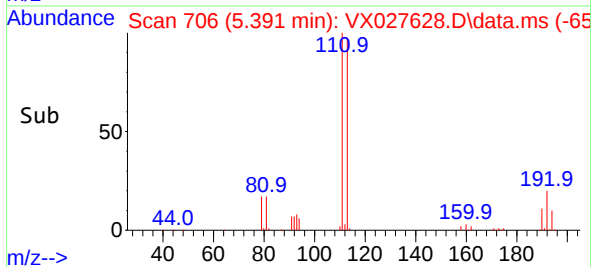
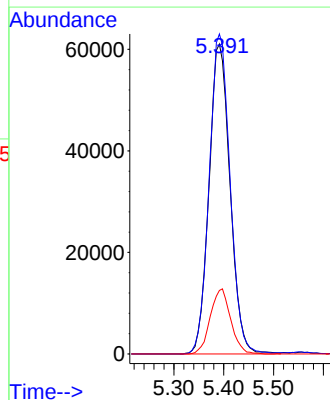
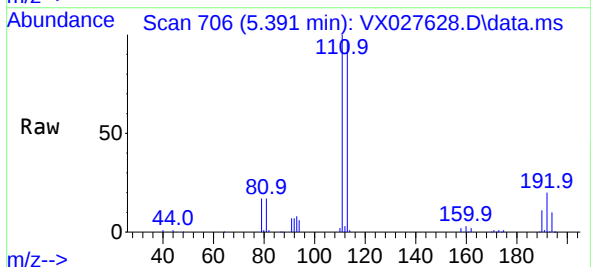
Instrument :
MSVOA_X
ClientSampleId :
MW-118D

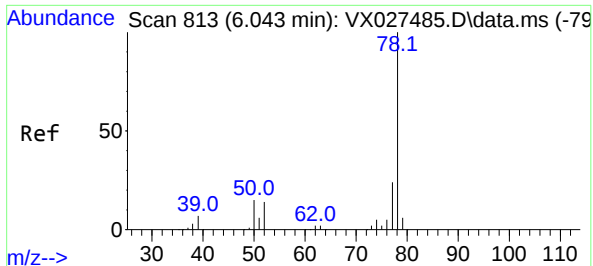
Tgt Ion:114 Resp: 565964
Ion Ratio Lower Upper
114 100
63 17.1 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.146 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

Tgt Ion:113 Resp: 178957
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 20.4 16.9 25.3

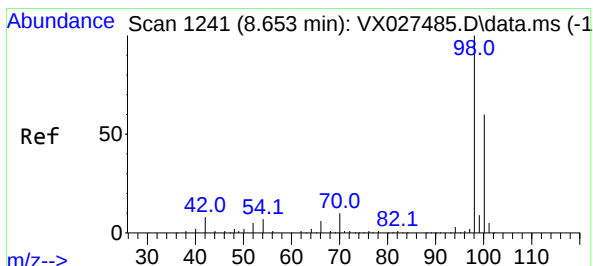
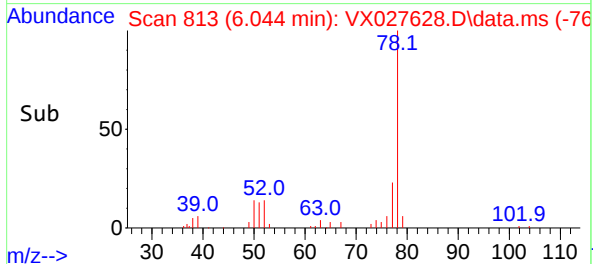
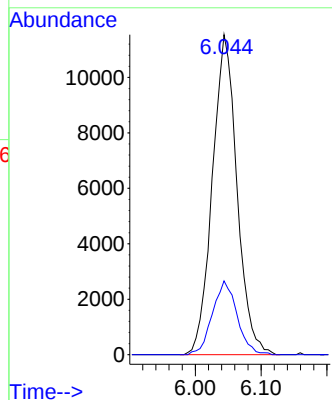
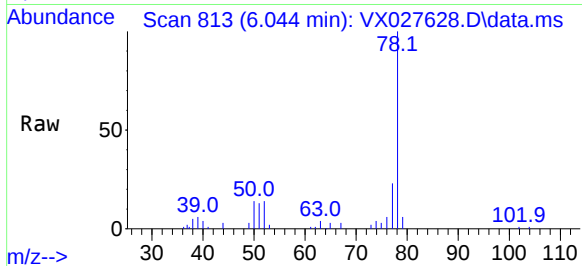




#40
Benzene
Concen: 2.107 ug/l
RT: 6.044 min Scan# 813
Delta R.T. 0.000 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

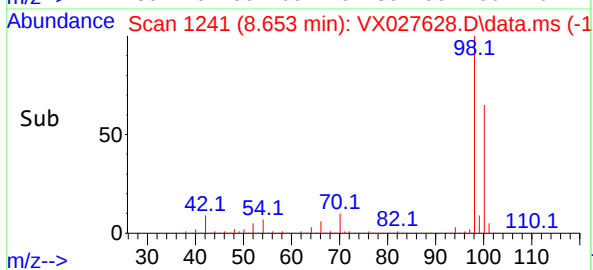
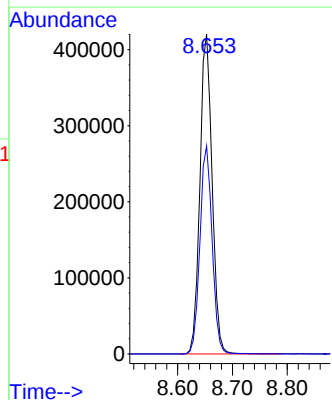
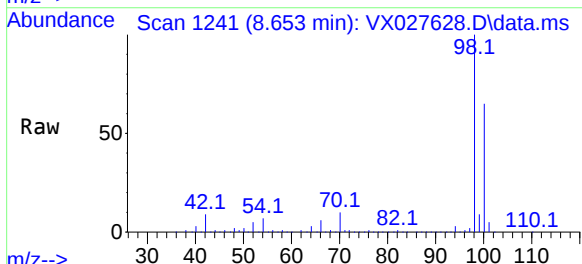
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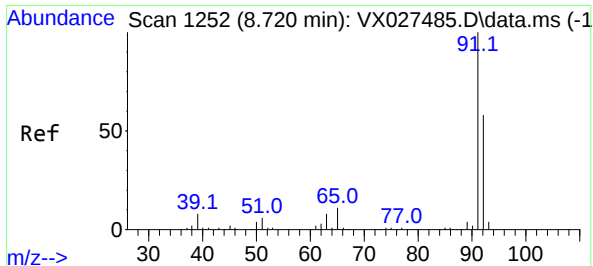
Tgt Ion: 78 Resp: 30075
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9



#50
Toluene-d8
Concen: 47.214 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

Tgt Ion: 98 Resp: 650567
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





#52

Toluene

Concen: 0.397 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX027628.D

Acq: 22 Mar 2022 20:37

Instrument :

MSVOA_X

ClientSampleId :

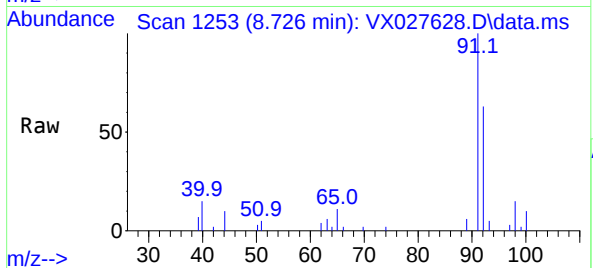
MW-118D

Tgt Ion: 92 Resp: 3797

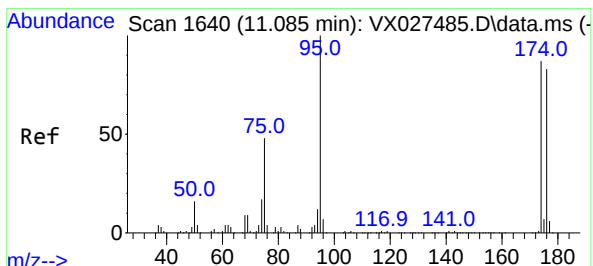
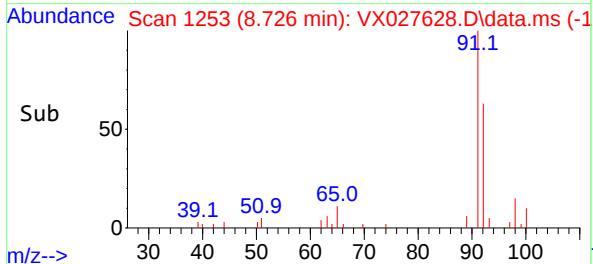
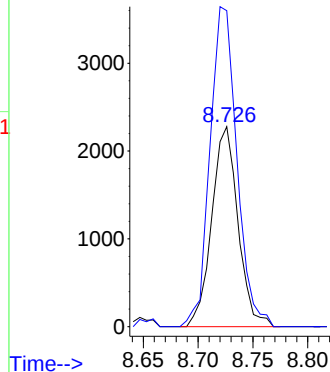
Ion Ratio Lower Upper

92 100

91 163.9 137.5 206.3



Abundance



#62

4-Bromofluorobenzene

Concen: 43.401 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX027628.D

Acq: 22 Mar 2022 20:37

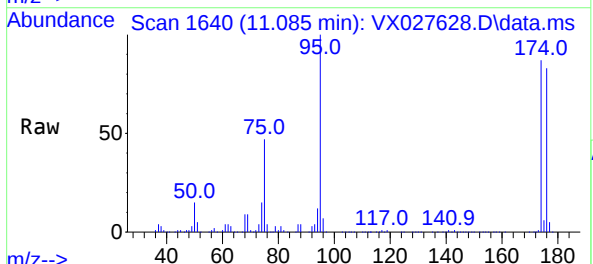
Tgt Ion: 95 Resp: 219806

Ion Ratio Lower Upper

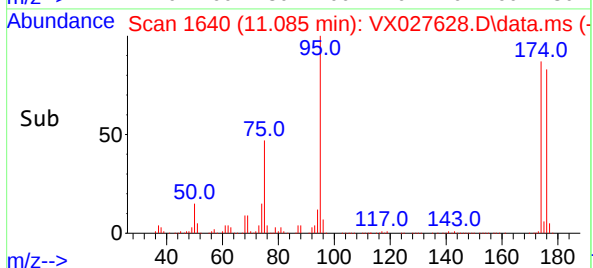
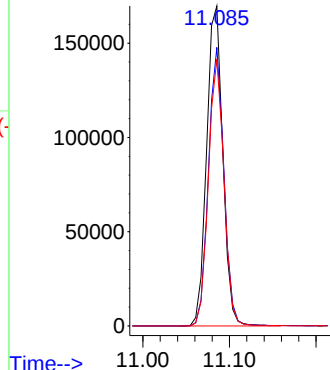
95 100

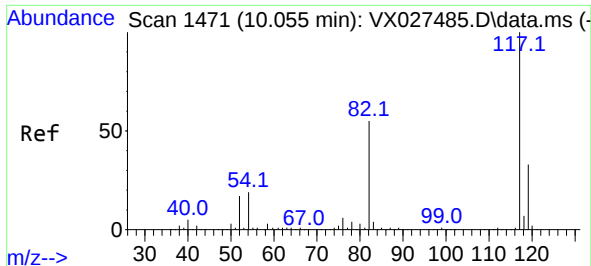
174 83.6 0.0 163.0

176 80.4 0.0 155.0



Abundance

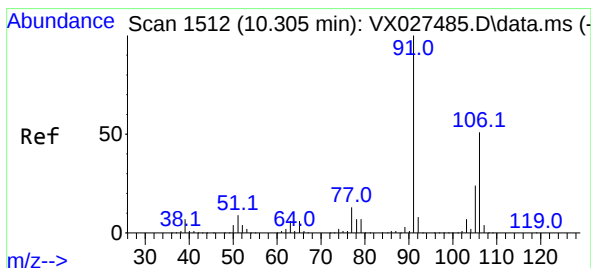
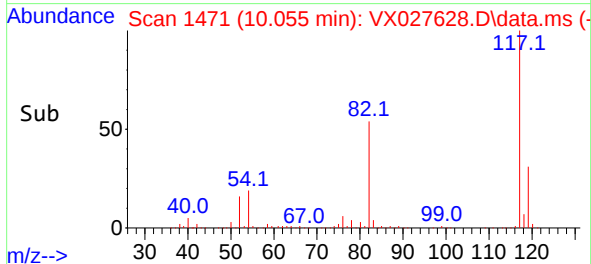
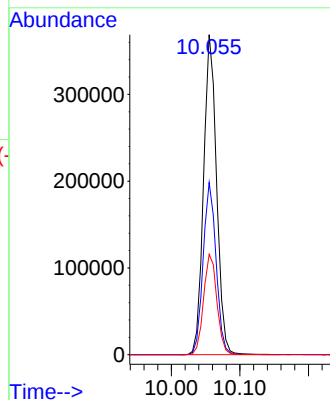
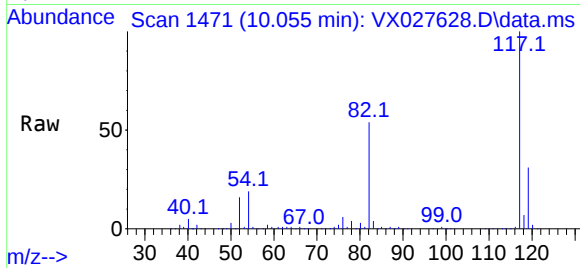




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

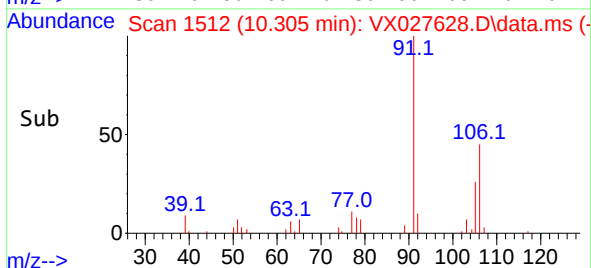
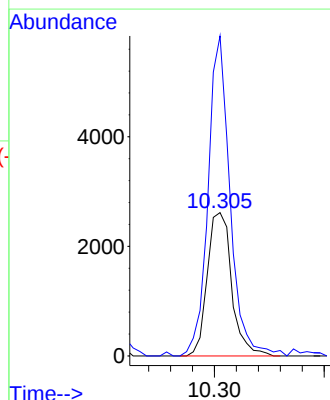
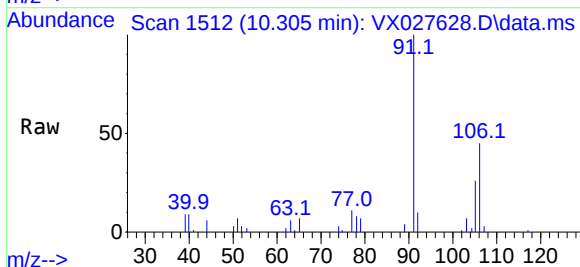
Instrument :
MSVOA_X
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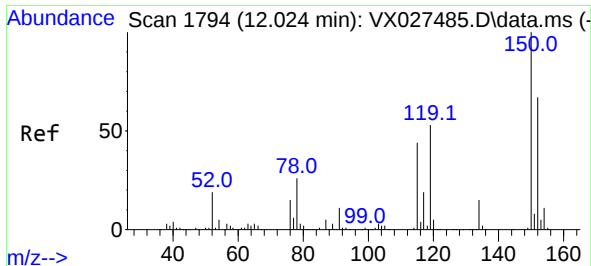
Tgt Ion:117 Resp: 487952
Ion Ratio Lower Upper
117 100
82 53.8 41.8 62.8
119 31.4 24.8 37.2



#68
m/p-Xylenes
Concen: 0.599 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

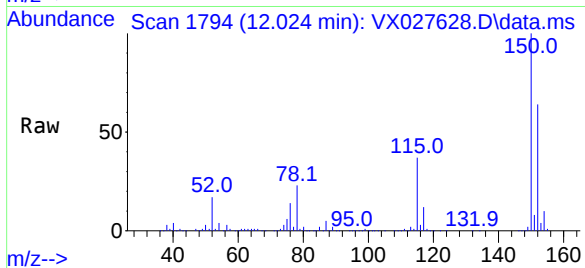
Tgt Ion:106 Resp: 4051
Ion Ratio Lower Upper
106 100
91 201.1 160.4 240.6



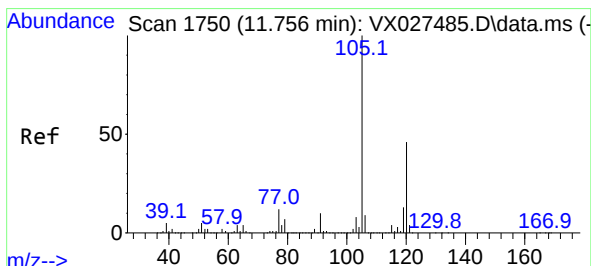
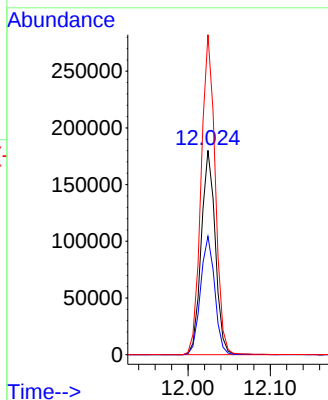
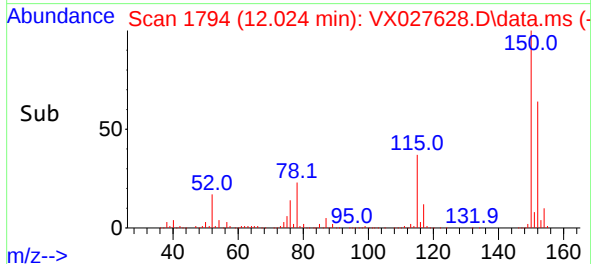


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37

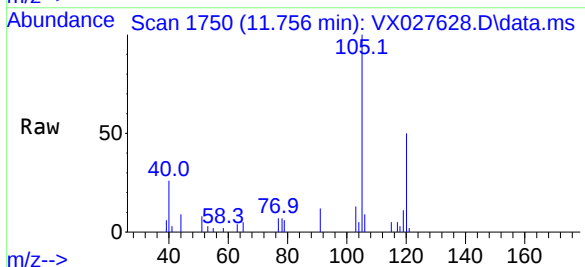
Instrument :
MSVOA_X
ClientSampleId :
MW-118D



Tgt Ion:152 Resp: 213246
Ion Ratio Lower Upper
152 100
115 58.8 37.5 112.7
150 157.7 0.0 338.2



#84
1,2,4-Trimethylbenzene
Concen: 0.253 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX027628.D
Acq: 22 Mar 2022 20:37



Tgt Ion:105 Resp: 3301
Ion Ratio Lower Upper
105 100
120 46.3 22.6 67.8

