

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031822\
 Data File : VX027539.D
 Acq On : 18 Mar 2022 19:39
 Operator : JC/MD
 Sample : N1998-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-136

Quant Time: Mar 19 03:09:57 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)

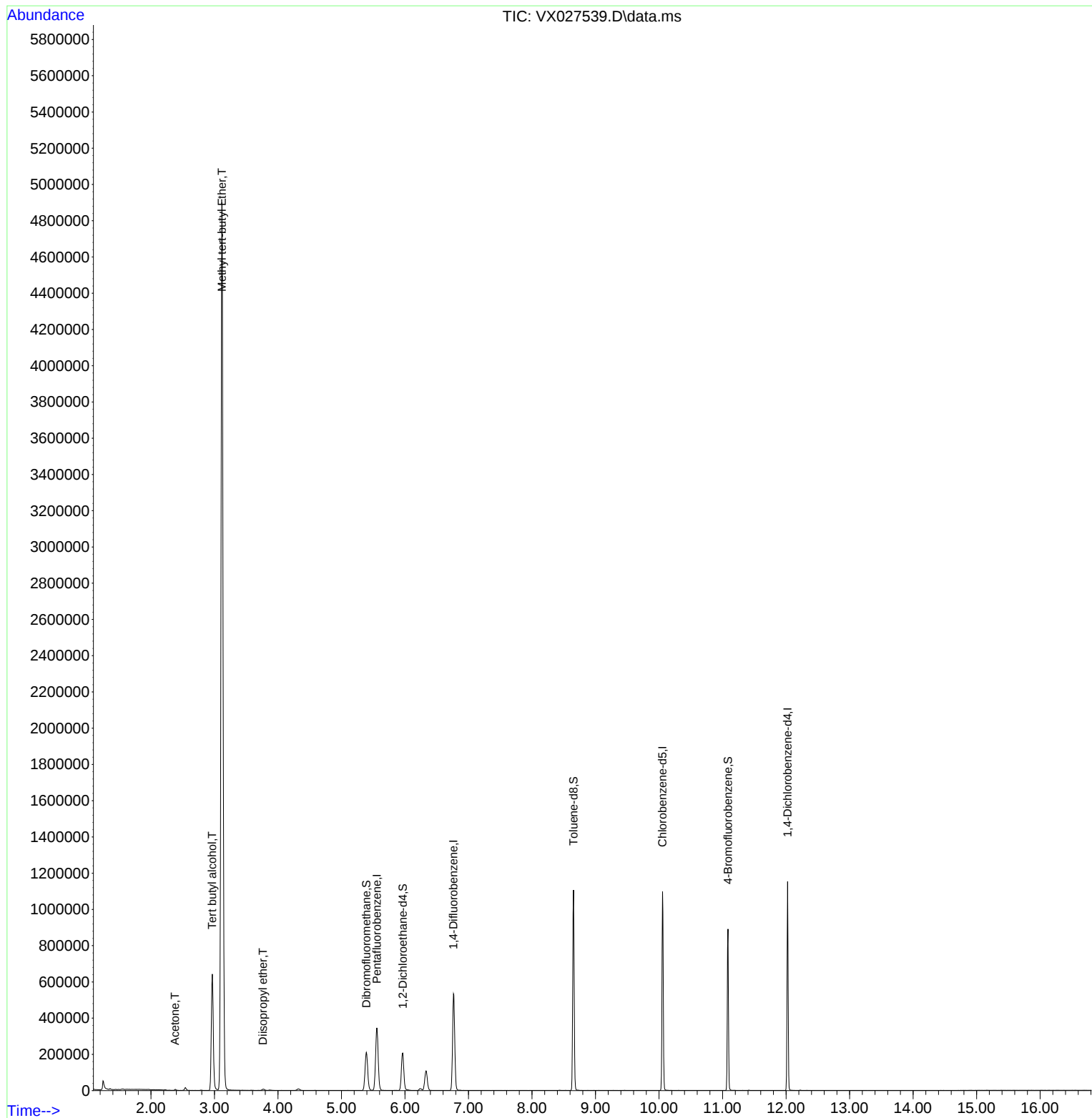
Internal Standards						
1) Pentafluorobenzene	5.556	168	340212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	569342	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	518748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	233378	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	209261	49.930	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.860%
35) Dibromofluoromethane	5.391	113	187022	51.056	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.120%
50) Toluene-d8	8.653	98	668694	48.242	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.085	95	236022	46.326	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	722897	905.050	ug/l	100
16) Acetone	2.380	43	5596	3.276	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	5564073	522.026	ug/l	98
22) Diisopropyl ether	3.763	45	7259	0.752	ug/l	91

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

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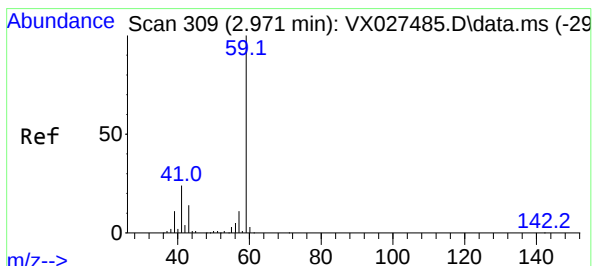
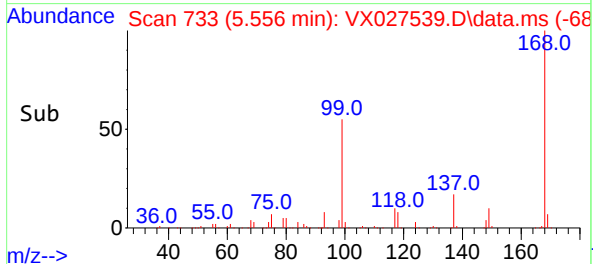
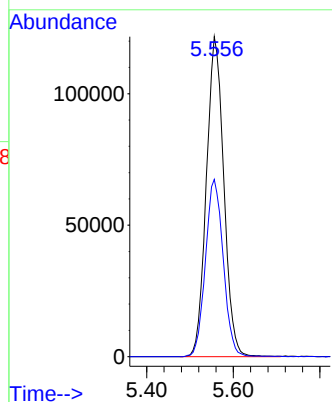
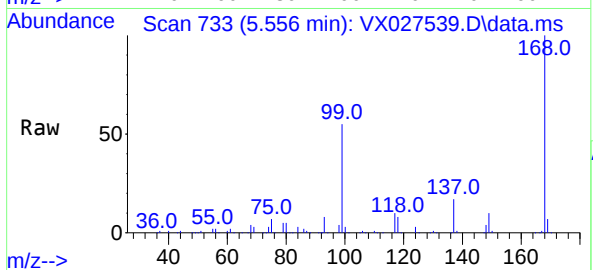




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

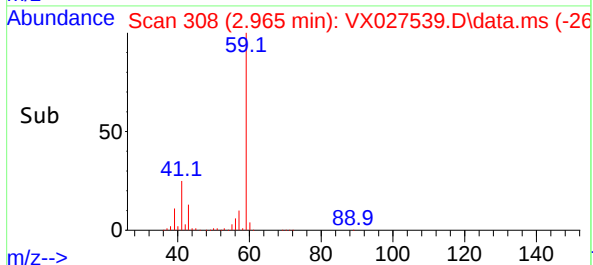
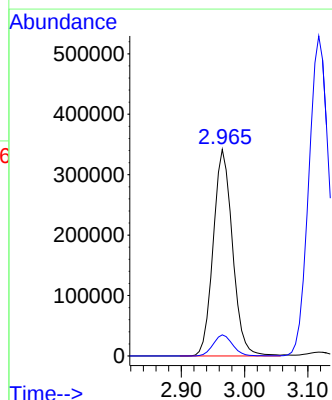
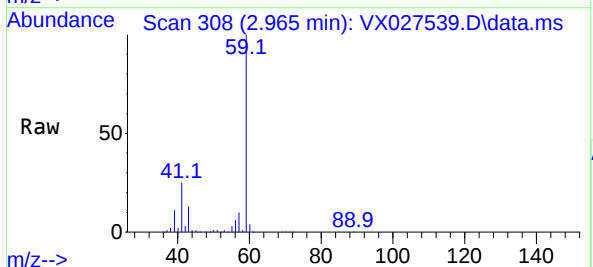
Instrument :
MSVOA_X
ClientSampleId :
MW-136

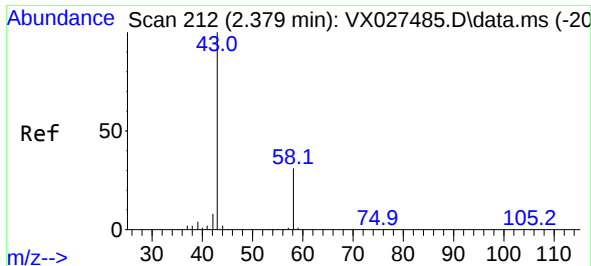
Tgt Ion:168 Resp: 340212
Ion Ratio Lower Upper
168 100
99 55.4 41.7 62.5



#11
Tert butyl alcohol
Concen: 905.050 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion: 59 Resp: 722897
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

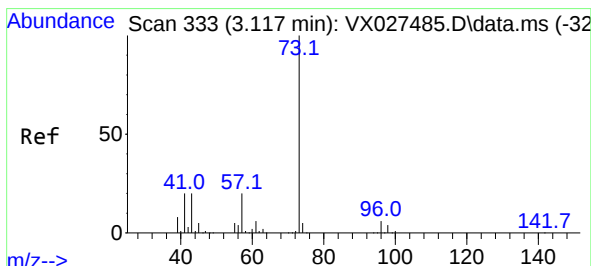
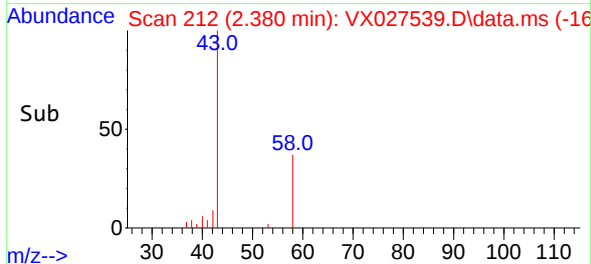
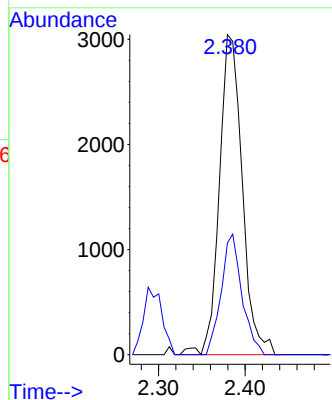
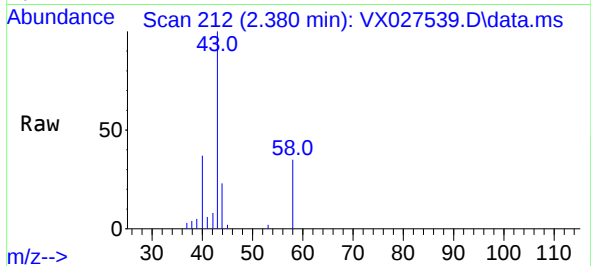




#16
Acetone
Concen: 3.276 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

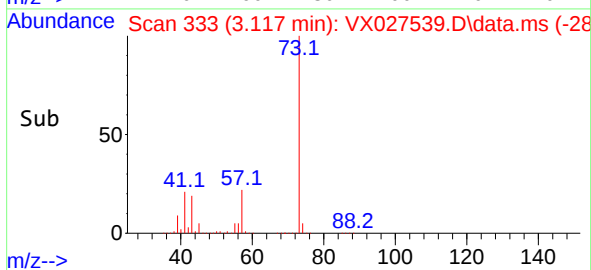
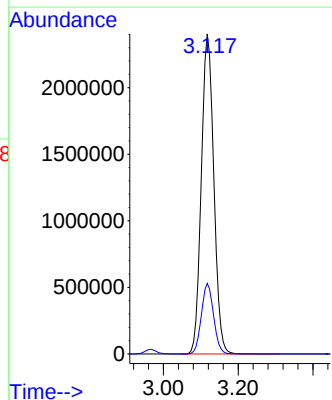
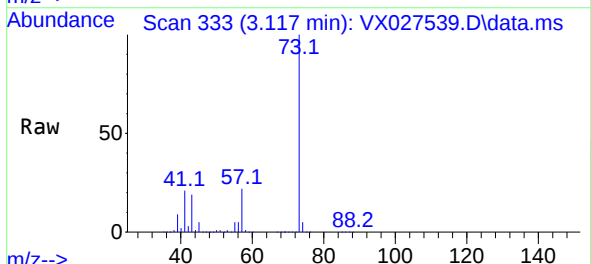
Instrument :
MSVOA_X
ClientSampleId :
MW-136

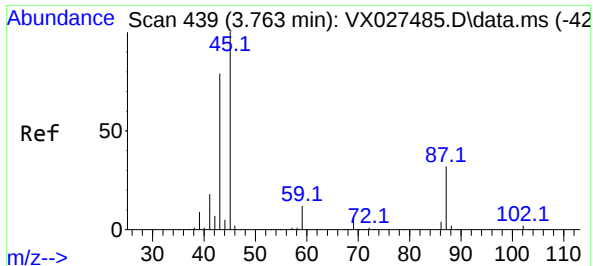
Tgt Ion: 43 Resp: 5596
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2



#19
Methyl tert-butyl Ether
Concen: 522.026 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion: 73 Resp: 5564073
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2

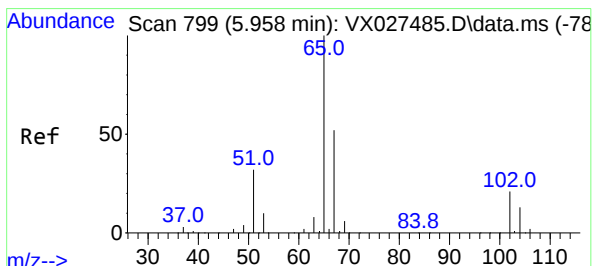
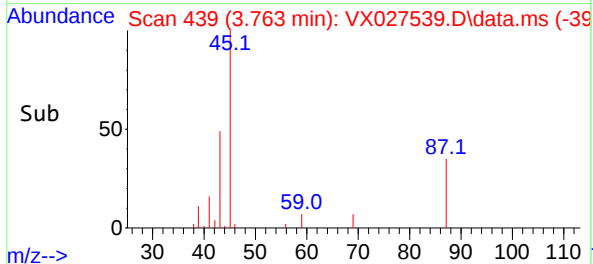
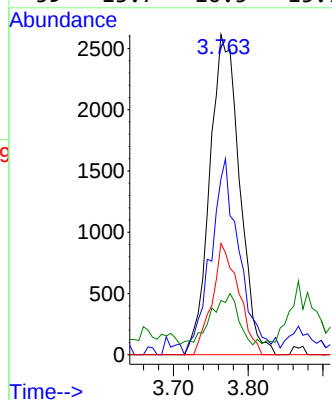
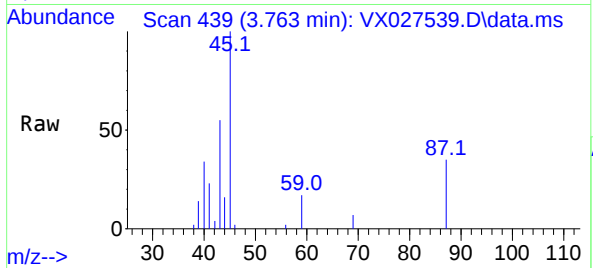




#22
Diisopropyl ether
Concen: 0.752 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

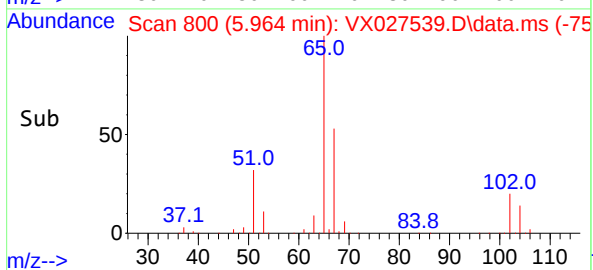
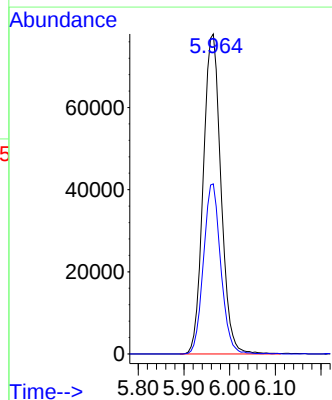
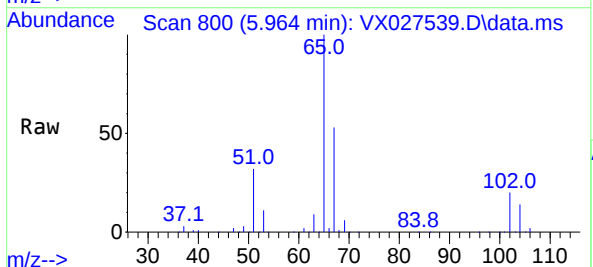
Instrument :
MSVOA_X
ClientSampleId :
MW-136

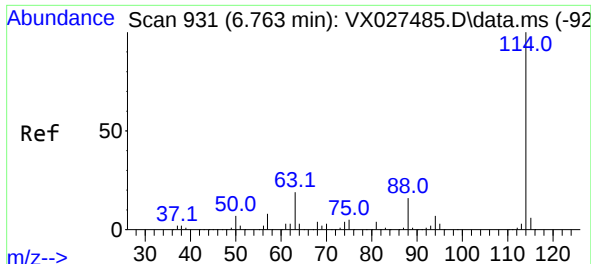
Tgt Ion:	45	Resp:	7259
Ion	Ratio	Lower	Upper
45	100		
43	52.9	50.8	76.2
87	34.7	26.6	39.8
59	13.7	10.5	15.7



#33
1,2-Dichloroethane-d4
Concen: 49.930 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion:	65	Resp:	209261
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX027539.D

Acq: 18 Mar 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

MW-136

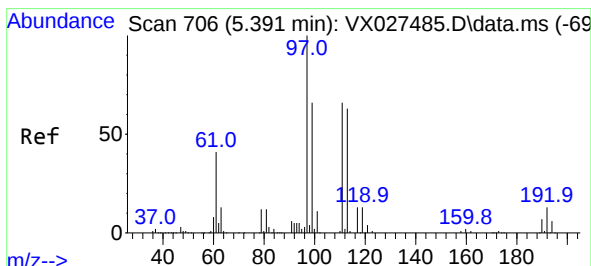
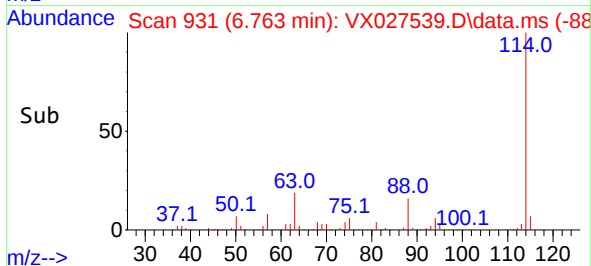
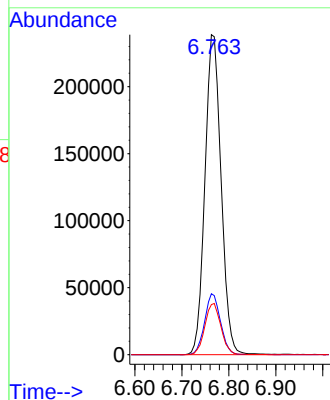
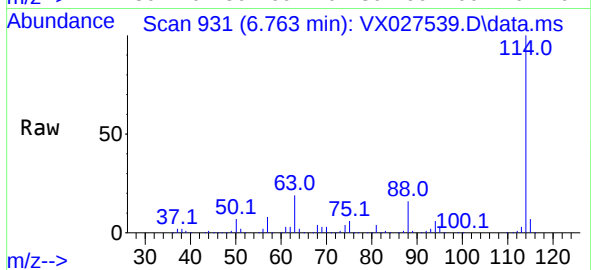
Tgt Ion:114 Resp: 569342

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.8

88 15.7 0.0 32.4



#35

Dibromofluoromethane

Concen: 51.056 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027539.D

Acq: 18 Mar 2022 19:39

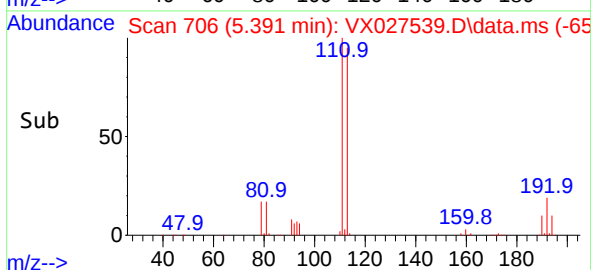
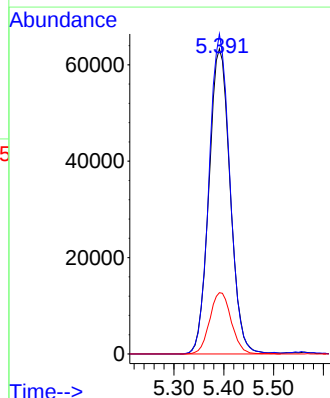
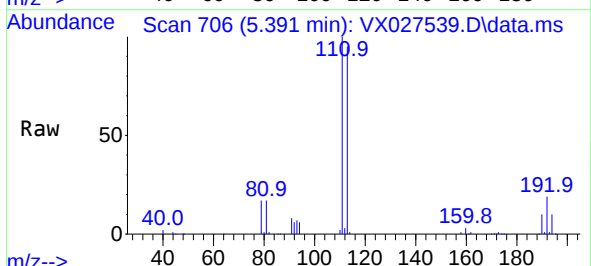
Tgt Ion:113 Resp: 187022

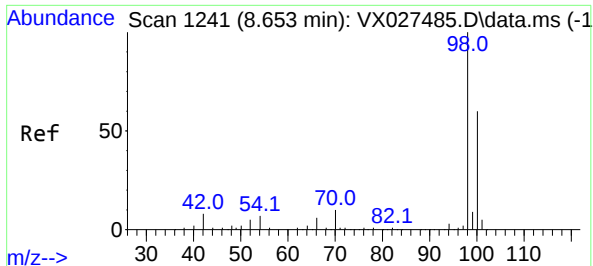
Ion Ratio Lower Upper

113 100

111 102.7 82.8 124.2

192 20.4 16.9 25.3

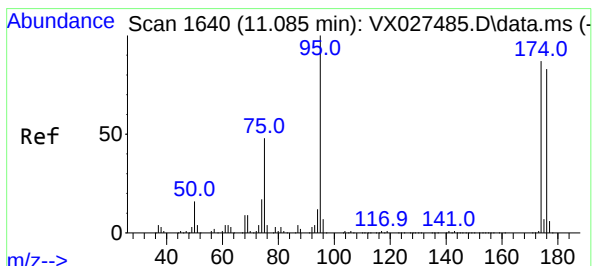
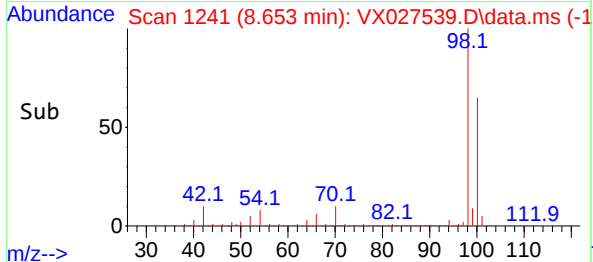
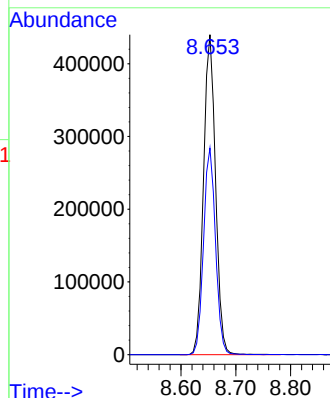
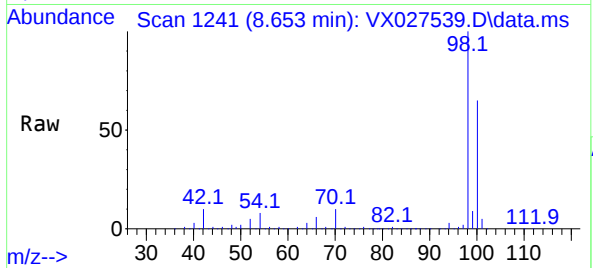




#50
Toluene-d8
Concen: 48.242 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

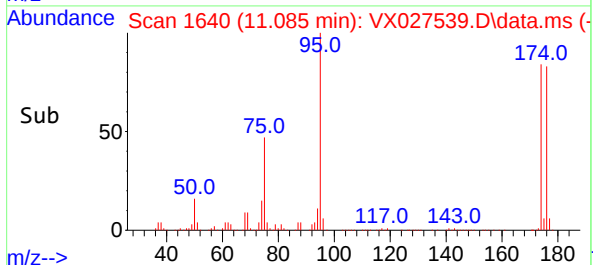
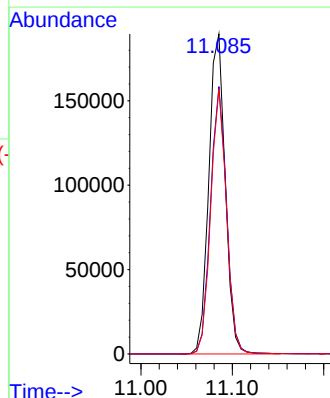
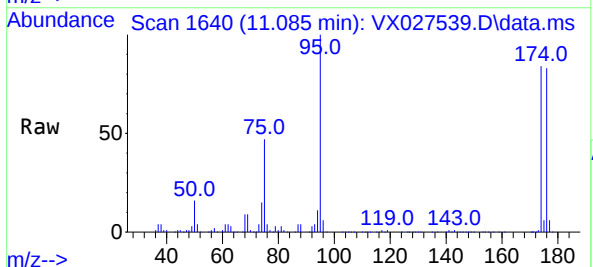
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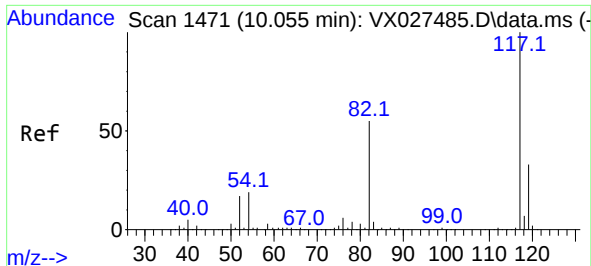
Tgt Ion: 98 Resp: 668694
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 46.326 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion: 95 Resp: 236022
Ion Ratio Lower Upper
95 100
174 82.0 0.0 163.0
176 79.8 0.0 155.0

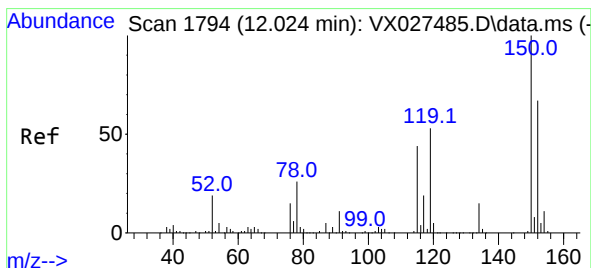
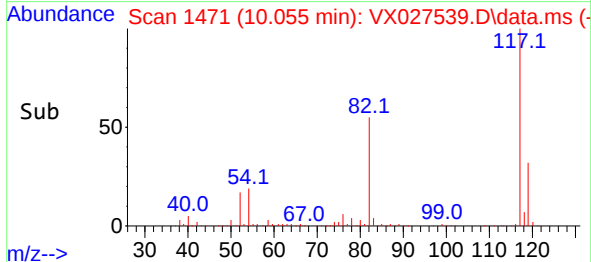
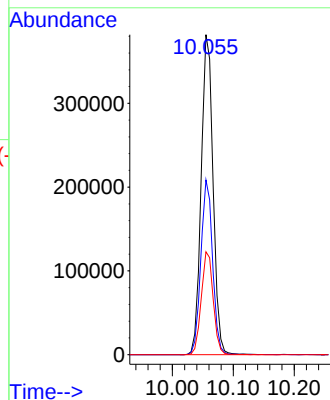
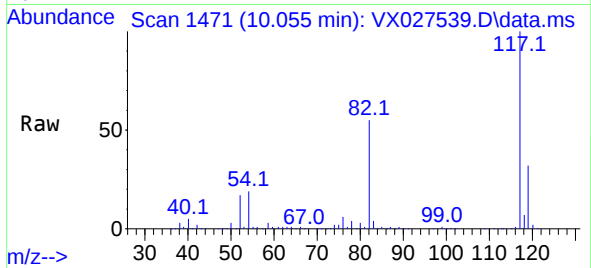




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Instrument :
MSVOA_X
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Tgt Ion:117 Resp: 518748
Ion Ratio Lower Upper
117 100
82 54.6 41.8 62.8
119 32.2 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX027539.D
Acq: 18 Mar 2022 19:39

Tgt Ion:152 Resp: 233378
Ion Ratio Lower Upper
152 100
115 59.7 37.5 112.7
150 156.3 0.0 338.2

