

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032122\
 Data File : VX027584.D
 Acq On : 21 Mar 2022 14:27
 Operator : JC/MD
 Sample : N1998-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-132DL

Quant Time: Mar 22 05:46:09 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)

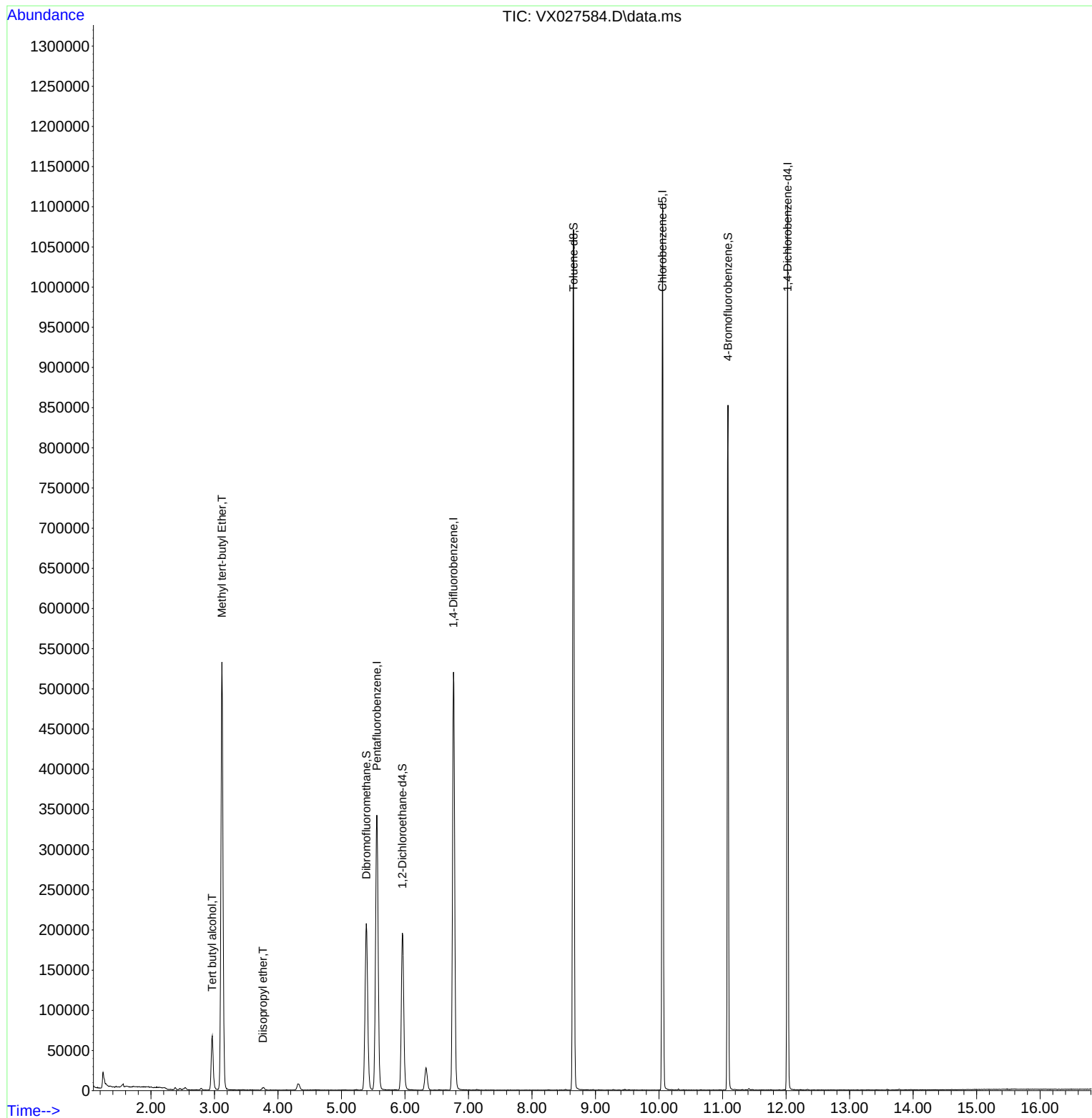
Internal Standards						
1) Pentafluorobenzene	5.556	168	352118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	577722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	527243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	242720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	189489	43.68	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.36%		
35) Dibromofluoromethane	5.391	113	184686	49.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.38%		
50) Toluene-d8	8.653	98	668627	47.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.08%		
62) 4-Bromofluorobenzene	11.085	95	234035	45.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.54%		
Target Compounds						
11) Tert butyl alcohol	2.965	59	76296	92.29	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	611608	55.44	ug/l	100
22) Diisopropyl ether	3.763	45	3362	0.34	ug/l #	79

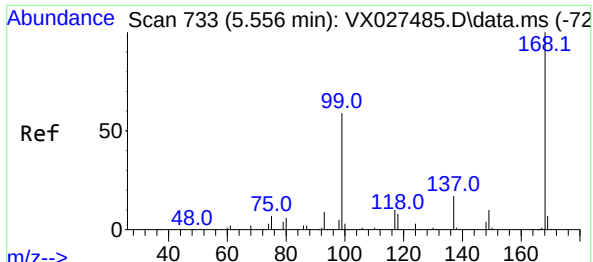
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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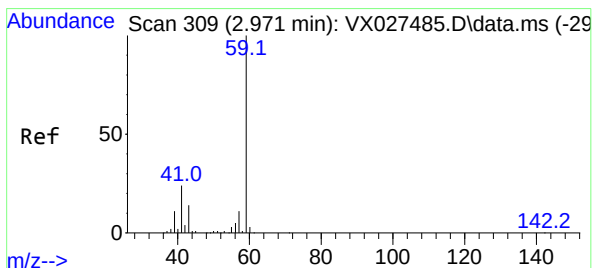
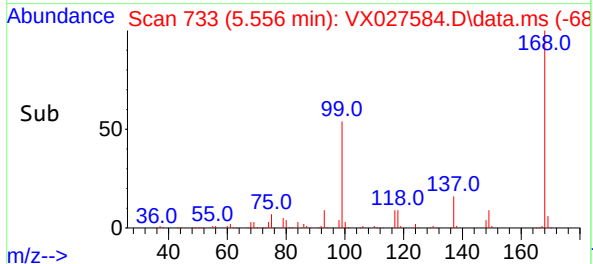
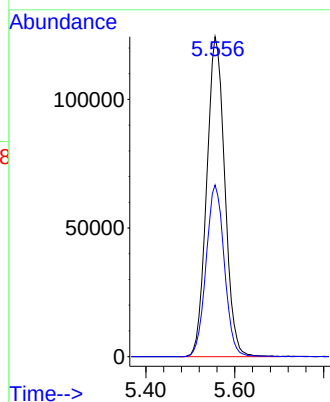
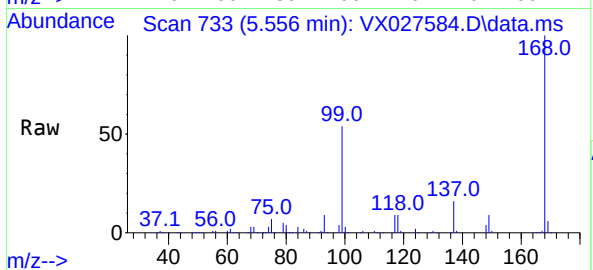




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027584.D
Acq: 21 Mar 2022 14:27

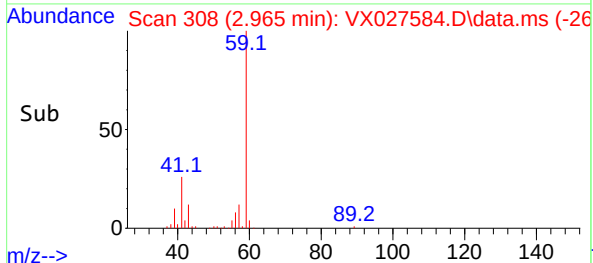
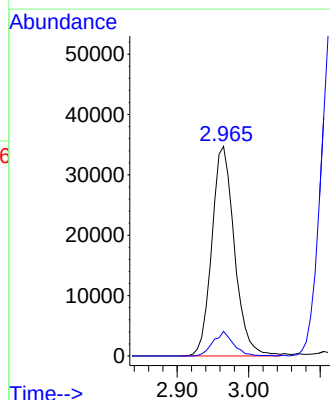
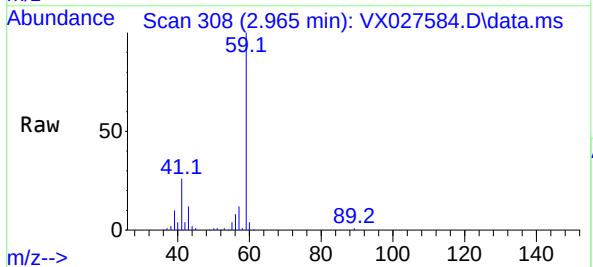
Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

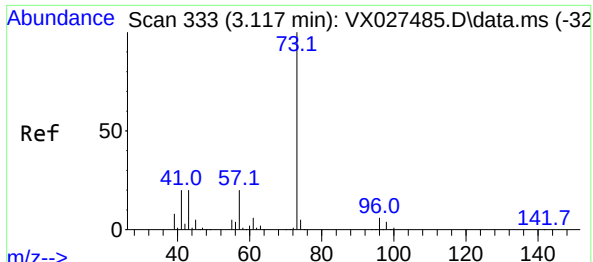
Tgt Ion:168 Resp: 352118
Ion Ratio Lower Upper
168 100
99 53.6 41.7 62.5



#11
Tert butyl alcohol
Concen: 92.29 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX027584.D
Acq: 21 Mar 2022 14:27

Tgt Ion: 59 Resp: 76296
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

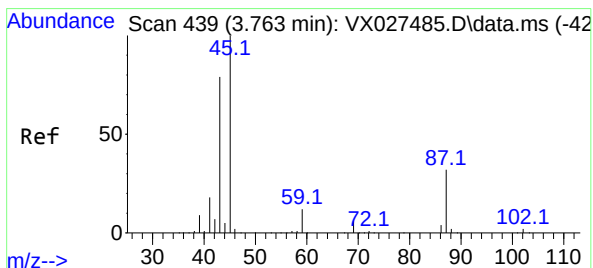
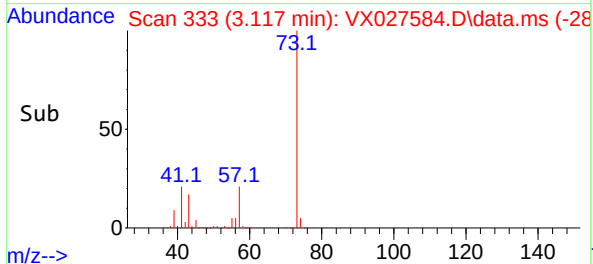
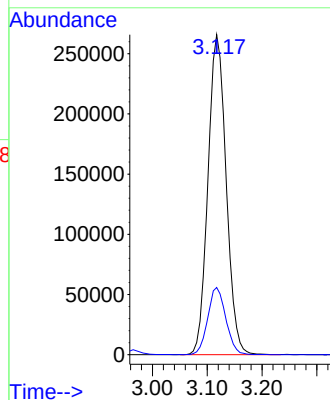
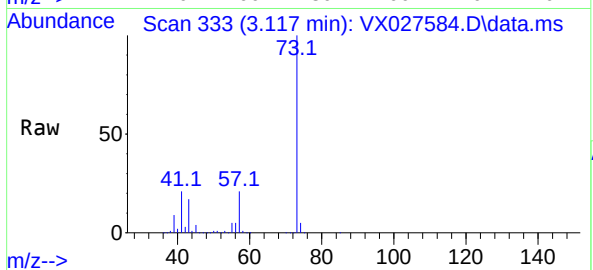




#19
Methyl tert-butyl Ether
Concen: 55.44 ug/l
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX027584.D
Acq: 21 Mar 2022 14:27

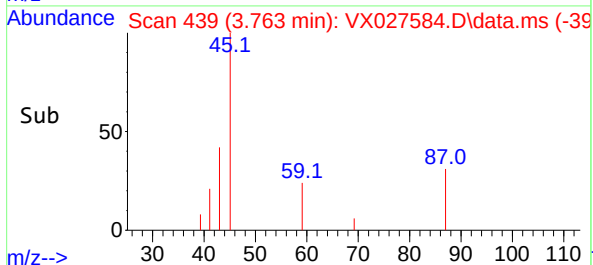
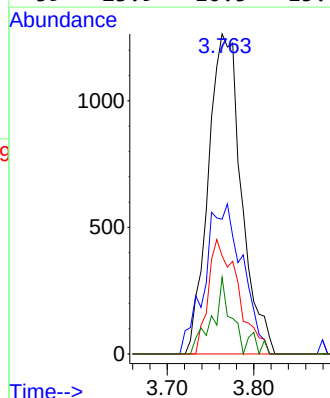
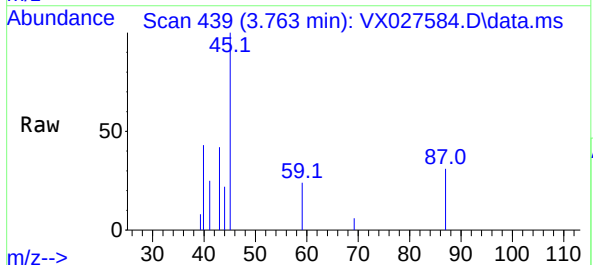
Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

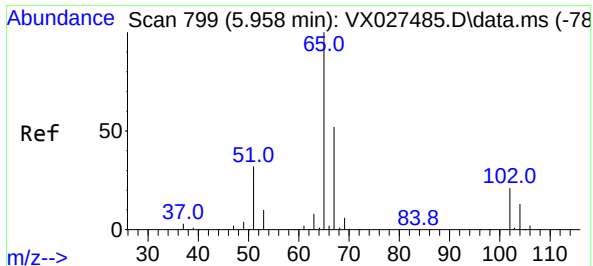
Tgt Ion: 73 Resp: 611608
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2



#22
Diisopropyl ether
Concen: 0.34 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX027584.D
Acq: 21 Mar 2022 14:27

Tgt Ion: 45 Resp: 3362
Ion Ratio Lower Upper
45 100
43 42.1 50.8 76.2#
87 30.6 26.6 39.8
59 23.9 10.5 15.7#

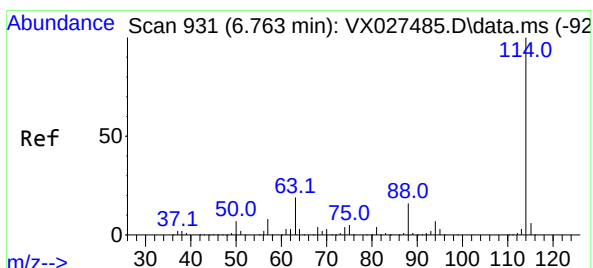
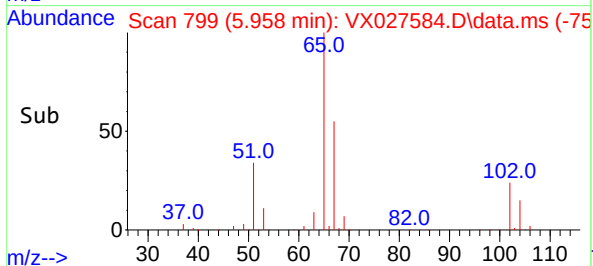
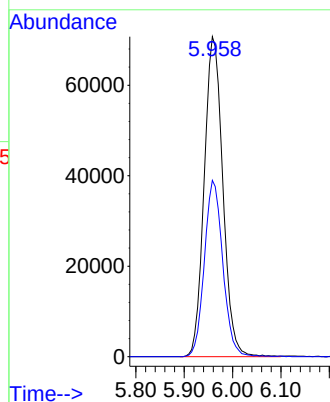
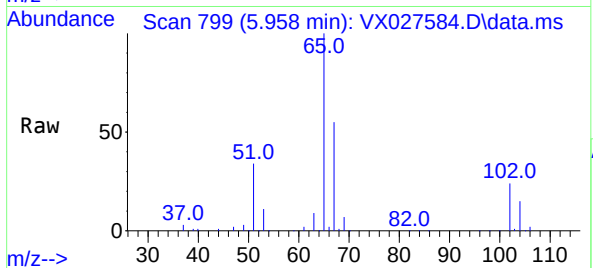




#33
1,2-Dichloroethane-d4
Concen: 43.68 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027584.D
Acq: 21 Mar 2022 14:27

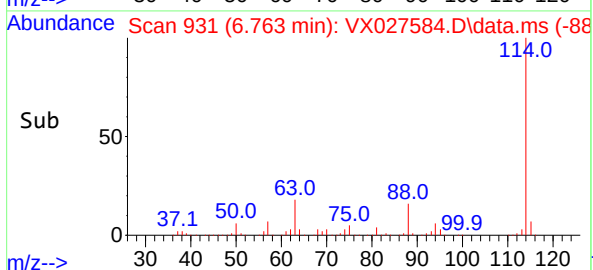
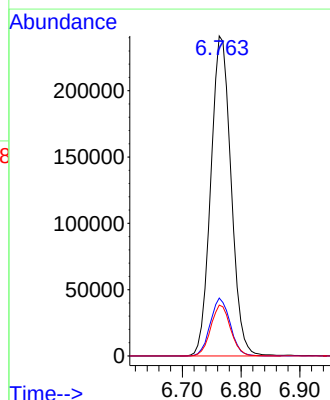
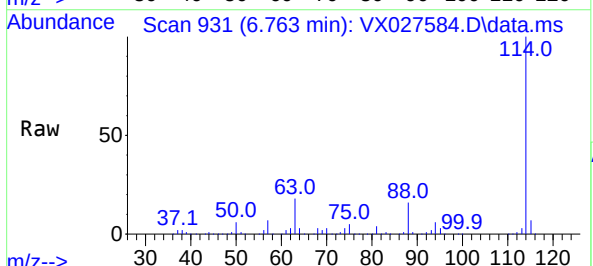
Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

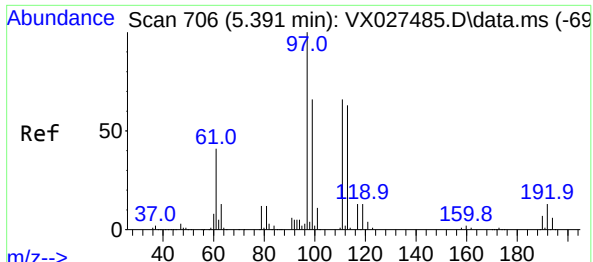
Tgt Ion: 65 Resp: 189489
Ion Ratio Lower Upper
65 100
67 54.5 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX027584.D
Acq: 21 Mar 2022 14:27

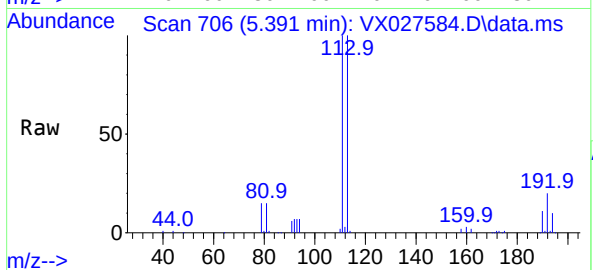
Tgt Ion: 114 Resp: 577722
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.8
88 15.9 0.0 32.4



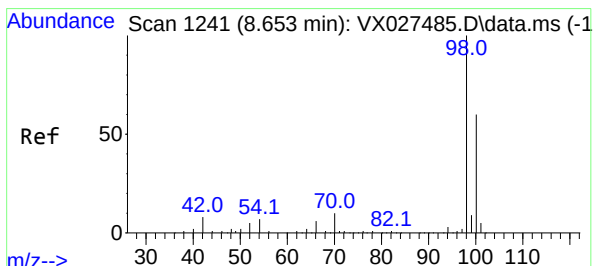
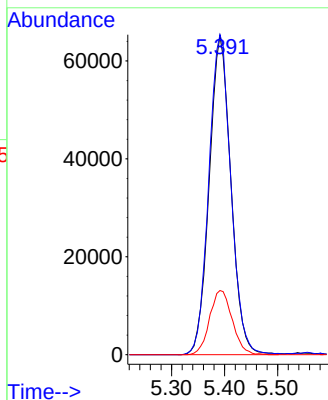
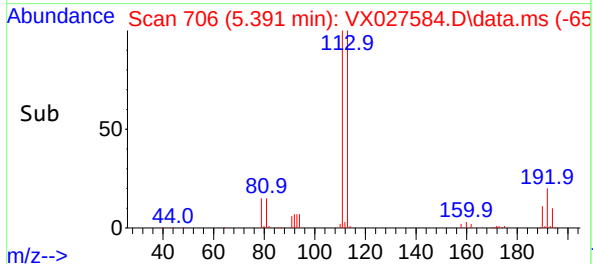


#35
Dibromofluoromethane
Concen: 49.69 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027584.D
Acq: 21 Mar 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
MW-132DL

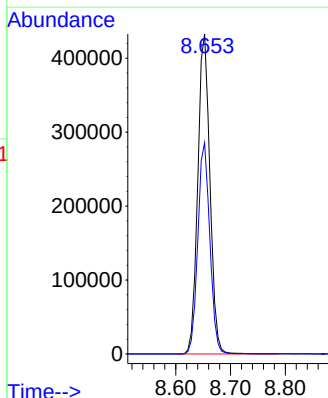
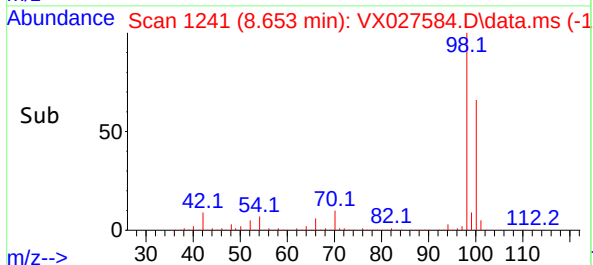
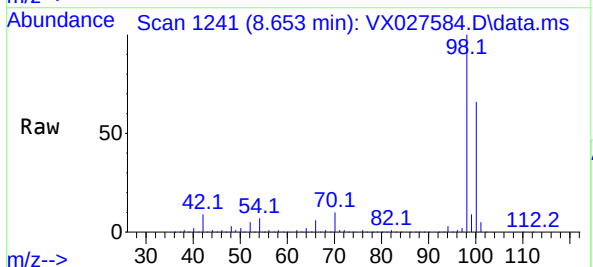


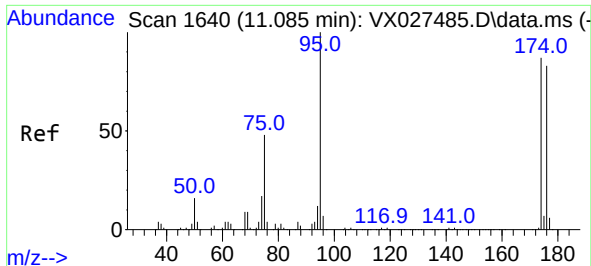
Tgt Ion:113 Resp: 184686
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 21.0 16.9 25.3



#50
Toluene-d8
Concen: 47.54 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX027584.D
Acq: 21 Mar 2022 14:27

Tgt Ion: 98 Resp: 668627
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8

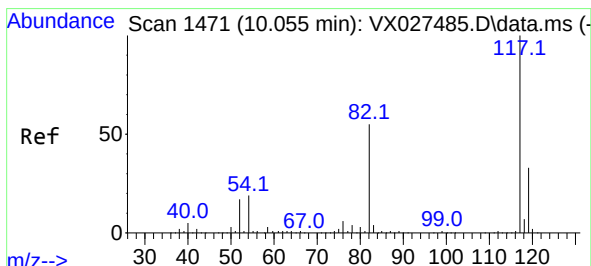
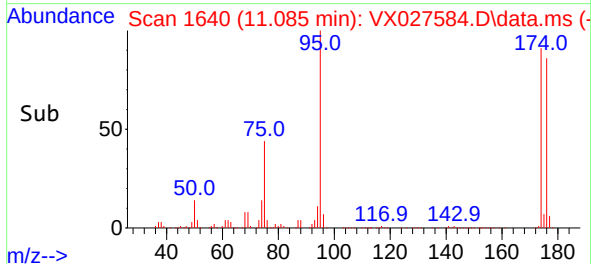
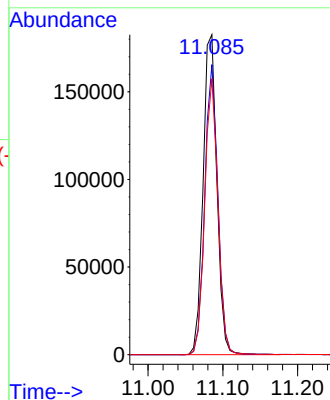
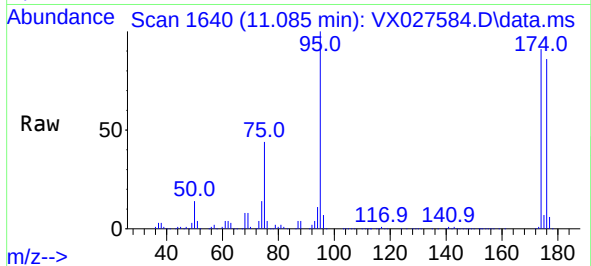




#62
4-Bromofluorobenzene
Concen: 45.27 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027584.D
Acq: 21 Mar 2022 14:27

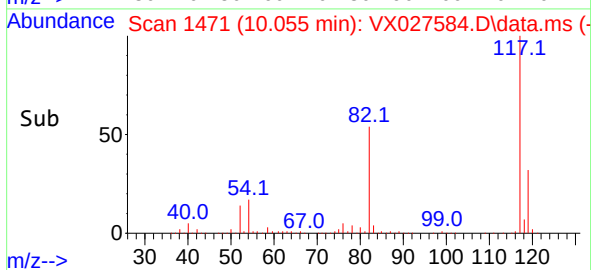
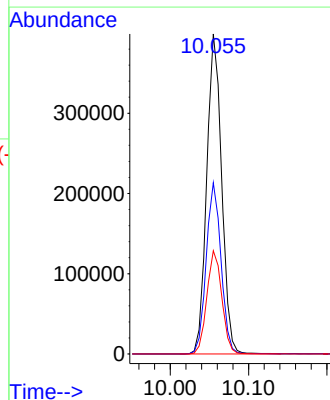
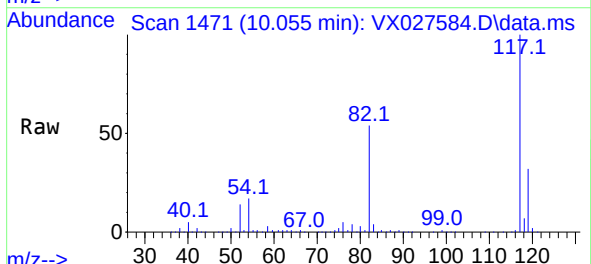
Instrument :
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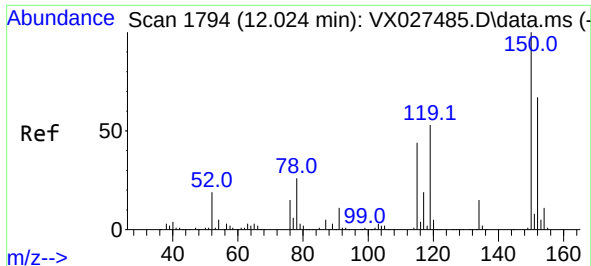
Tgt Ion: 95 Resp: 234035
Ion Ratio Lower Upper
95 100
174 86.3 0.0 163.0
176 82.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027584.D
Acq: 21 Mar 2022 14:27

Tgt Ion: 117 Resp: 527243
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 32.2 24.8 37.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027584.D
 Acq: 21 Mar 2022 14:27

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-132DL

Tgt Ion:152 Resp: 242720
 Ion Ratio Lower Upper
 152 100
 115 57.8 37.5 112.7
 150 156.3 0.0 338.2

