

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062722\
 Data File : VX029824.D
 Acq On : 27 Jun 2022 18:28
 Operator : JC/MD
 Sample : N3366-07DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27DL

Quant Time: Jun 28 10:15:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 15:32:24 2022
 Response via : Initial Calibration

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

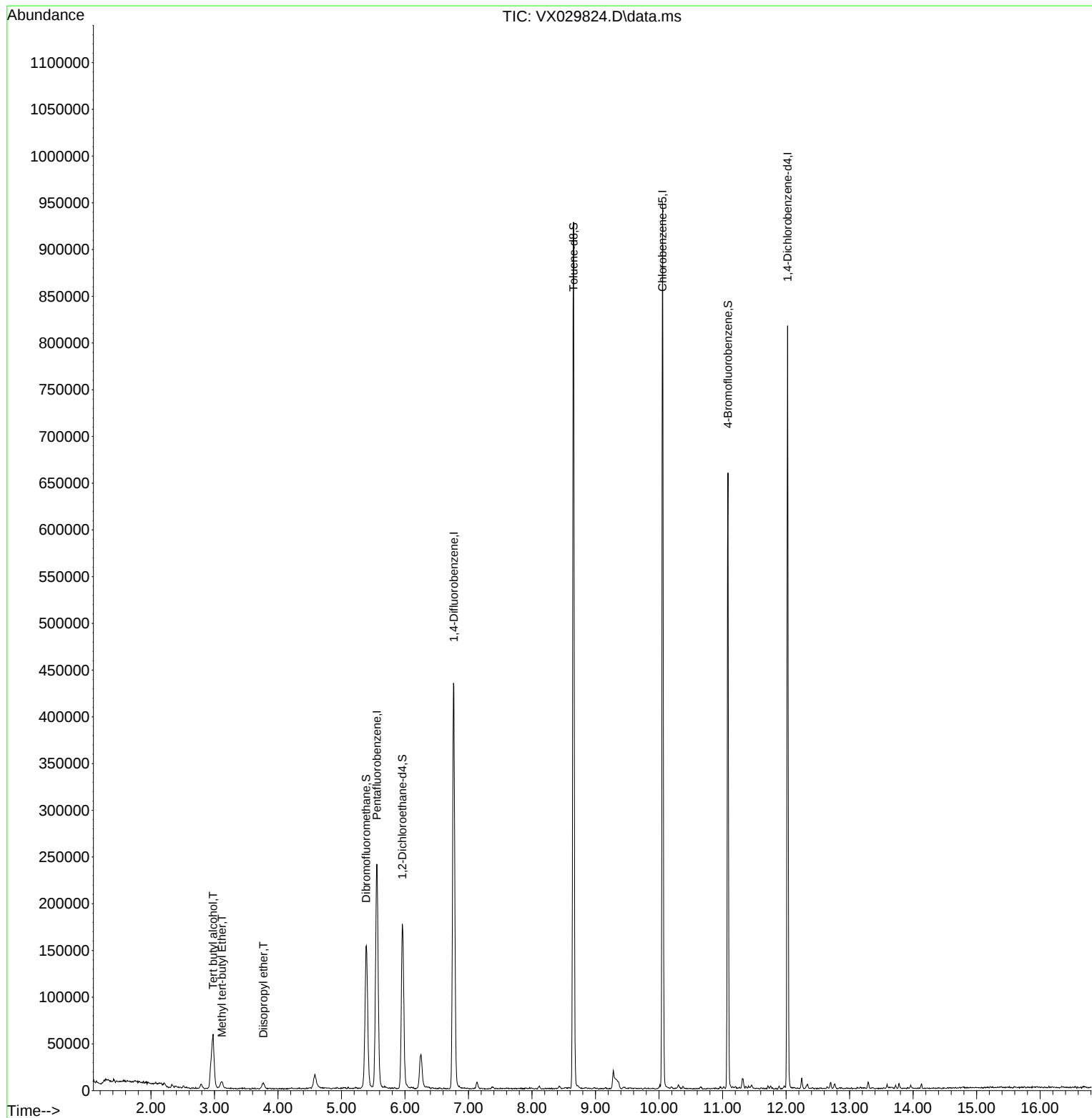
Internal Standards						
1) Pentafluorobenzene	5.556	168	213416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	456839	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168380	50.926	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.860%
35) Dibromofluoromethane	5.385	113	141141	48.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	8.653	98	572071	49.777	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	11.085	95	189968	45.199	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.400%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.977	59	85688	95.647	ug/l #	94
19) Methyl tert-butyl Ether	3.117	73	7796	0.866	ug/l #	89
22) Diisopropyl ether	3.770	45	7385	0.760	ug/l #	80

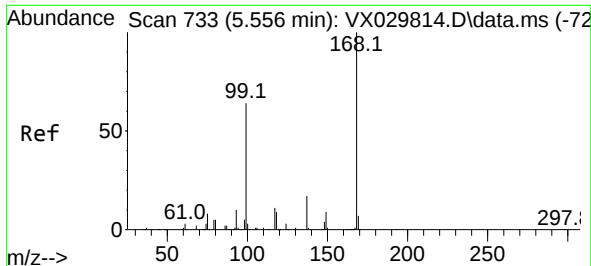
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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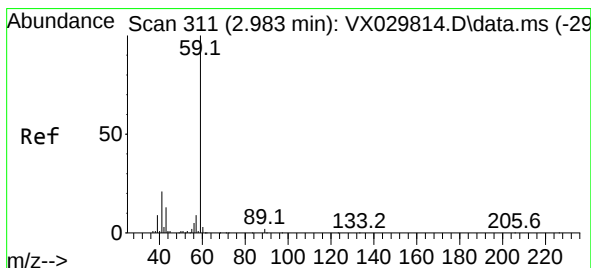
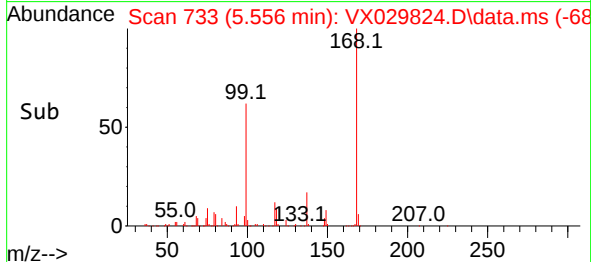
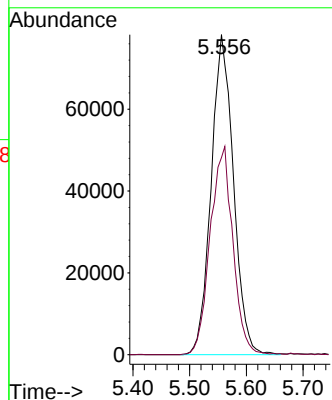
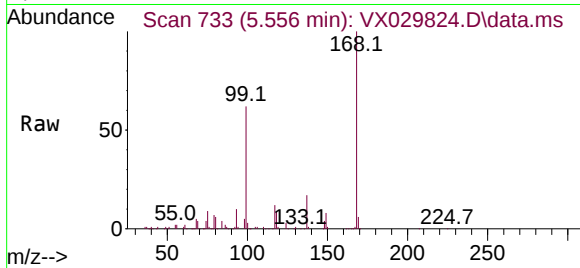




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

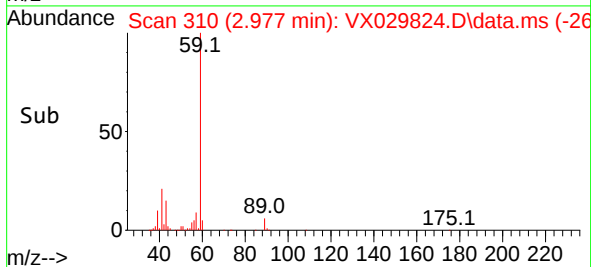
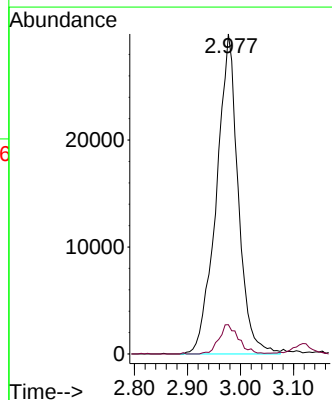
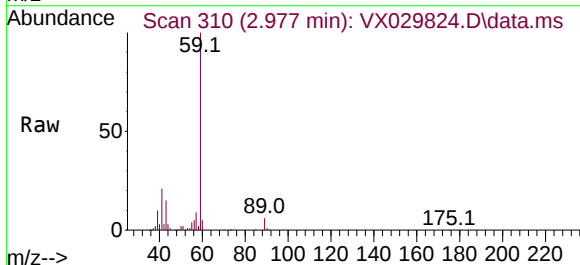
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

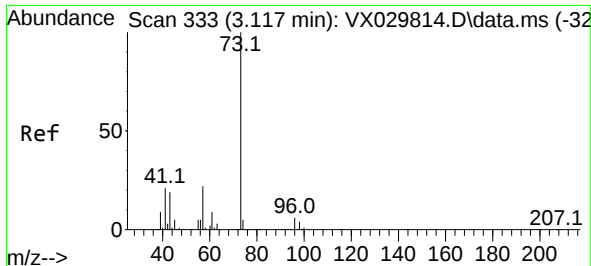
Tgt Ion:168 Resp: 213416
Ion Ratio Lower Upper
168 100
99 61.6 41.7 62.5



#11
Tert butyl alcohol
Concen: 95.647 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 59 Resp: 85688
Ion Ratio Lower Upper
59 100
57 8.3 8.3 12.5#

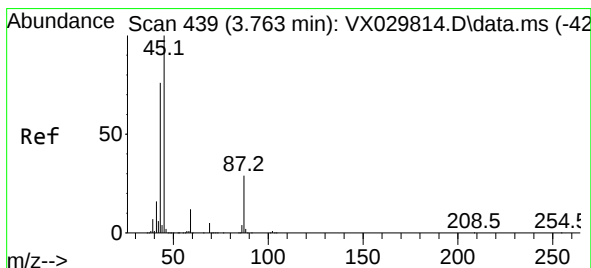
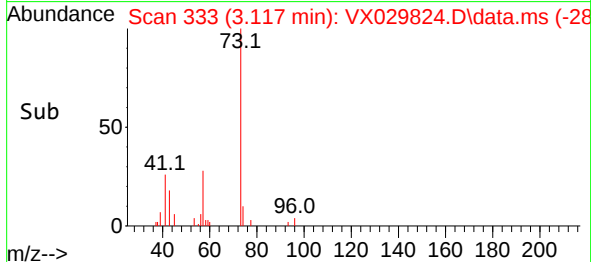
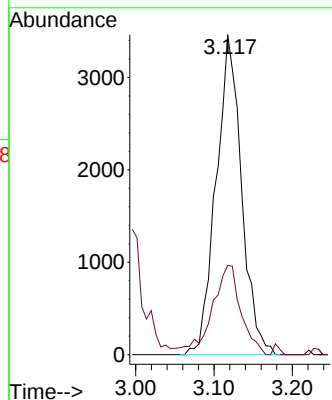
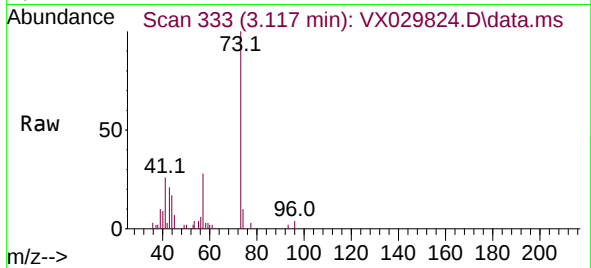




#19
Methyl tert-butyl Ether
Concen: 0.866 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

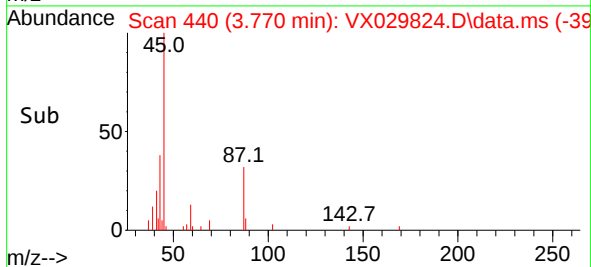
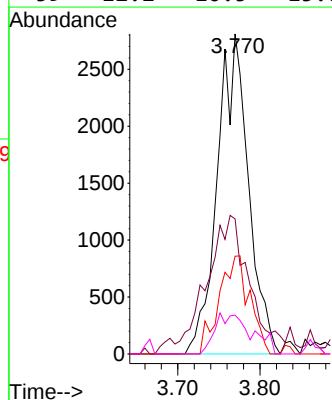
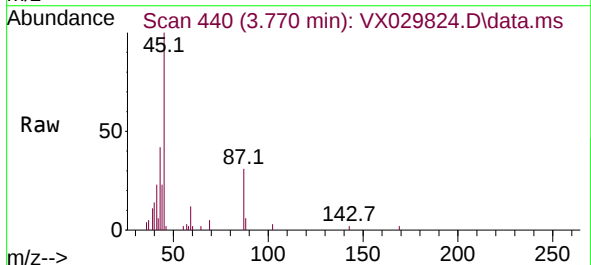
Instrument :
MSVOA_X
ClientSampleId :
MW-27DL

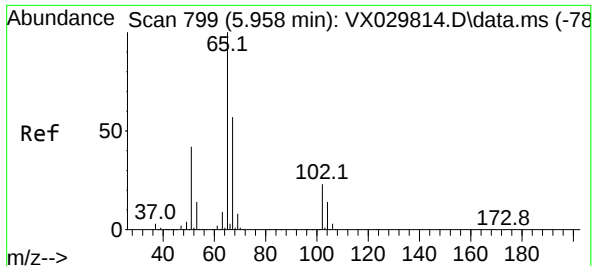
Tgt Ion: 73 Resp: 7796
Ion Ratio Lower Upper
73 100
57 26.3 16.8 25.2#



#22
Diisopropyl ether
Concen: 0.760 ug/l
RT: 3.770 min Scan# 440
Delta R.T. 0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 45 Resp: 7385
Ion Ratio Lower Upper
45 100
43 38.2 50.8 76.2#
87 30.5 26.6 39.8
59 12.2 10.5 15.7

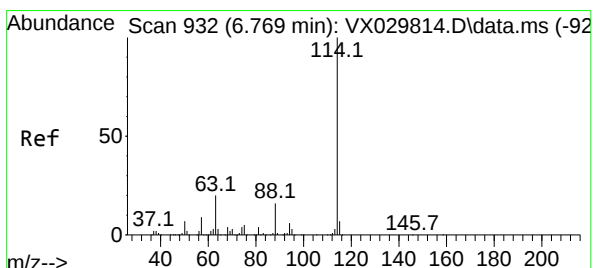
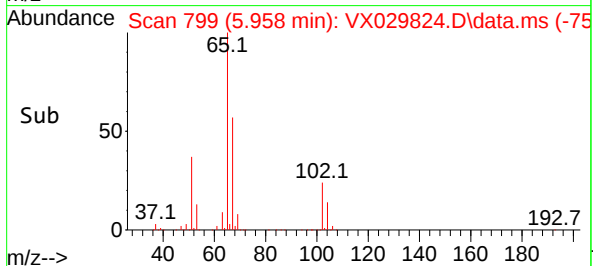
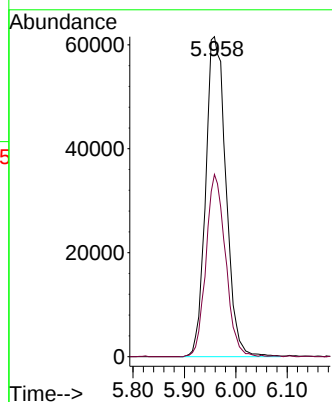
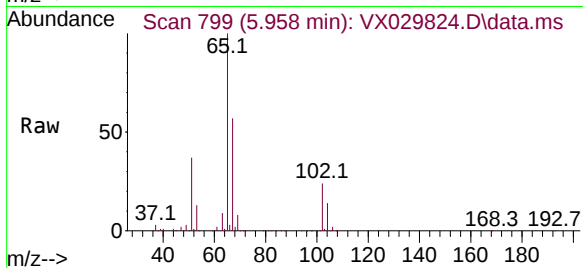




#33
 1,2-Dichloroethane-d4
 Concen: 50.926 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029824.D
 Acq: 27 Jun 2022 18:28

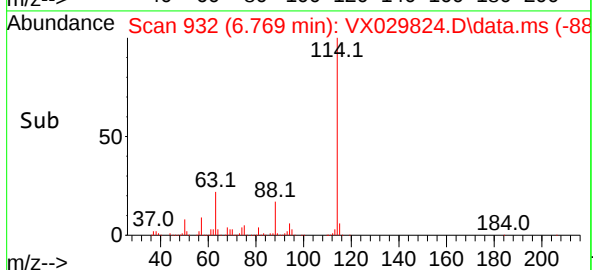
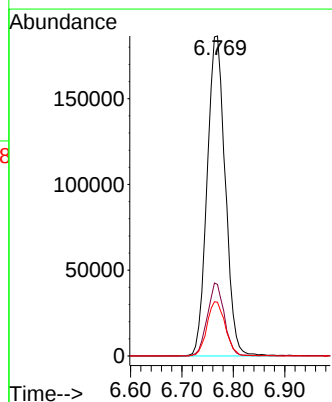
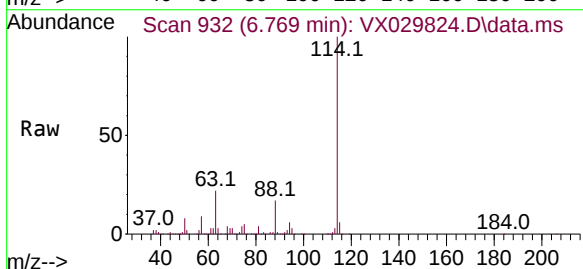
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-27DL

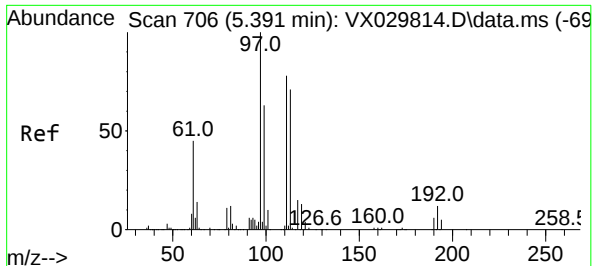
Tgt Ion: 65 Resp: 168380
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX029824.D
 Acq: 27 Jun 2022 18:28

Tgt Ion: 114 Resp: 456839
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 36.8
 88 16.8 0.0 32.4

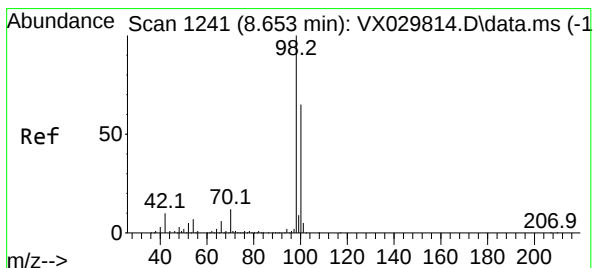
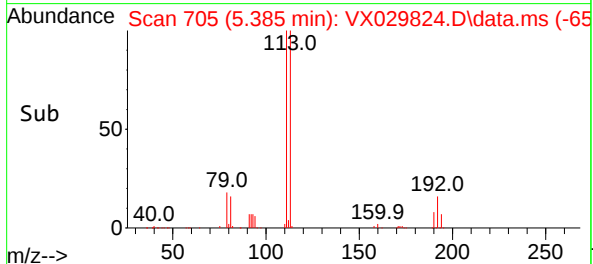
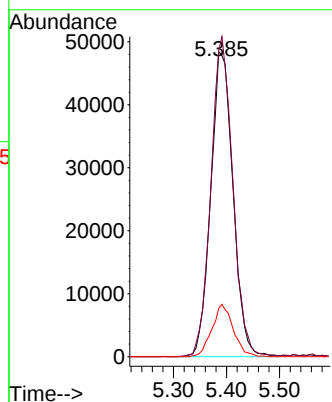
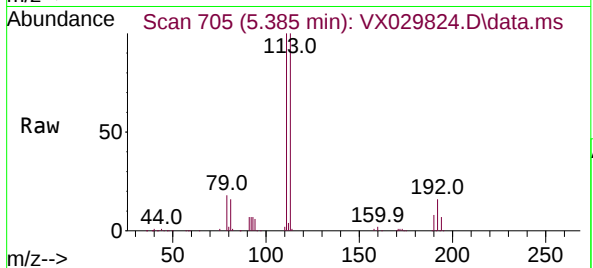




#35
Dibromofluoromethane
Concen: 48.094 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

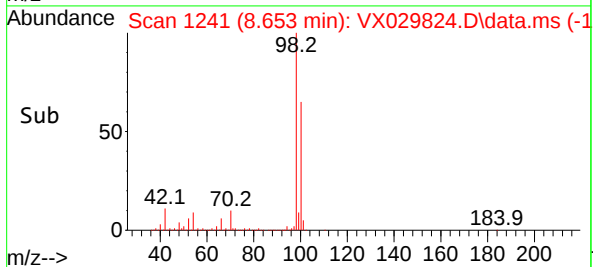
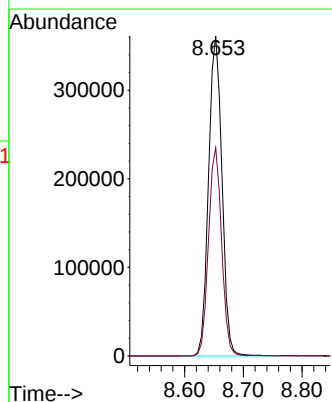
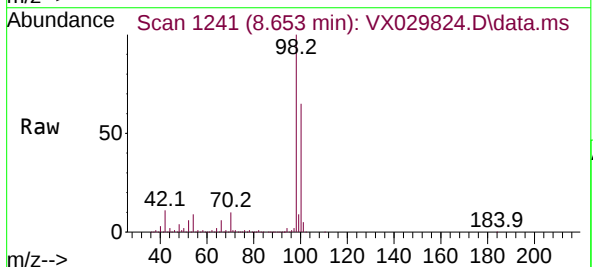
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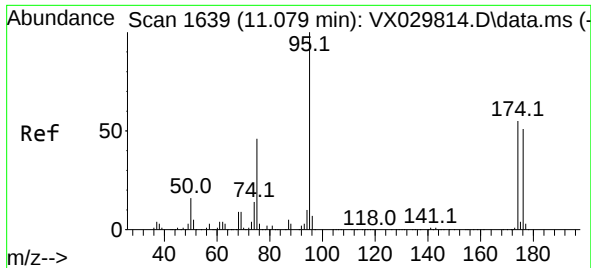
Tgt Ion:113 Resp: 141141
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 16.5 16.9 25.3#



#50
Toluene-d8
Concen: 49.777 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 98 Resp: 572071
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8

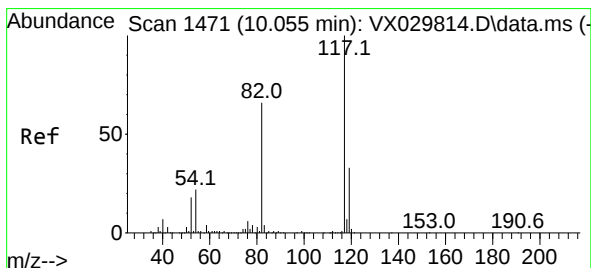
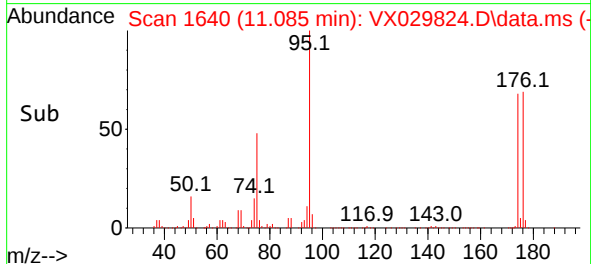
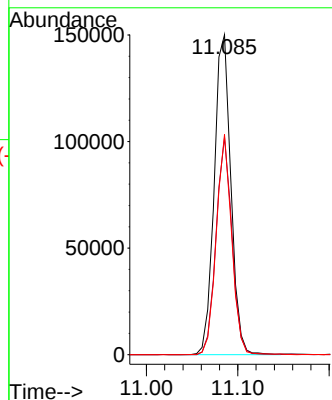
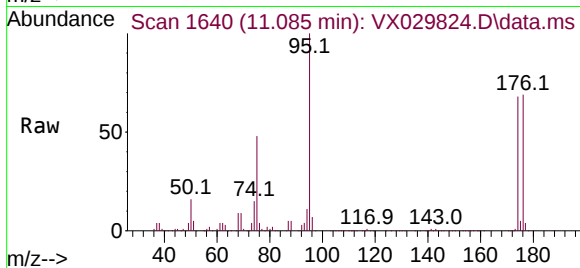




#62
4-Bromofluorobenzene
Concen: 45.199 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

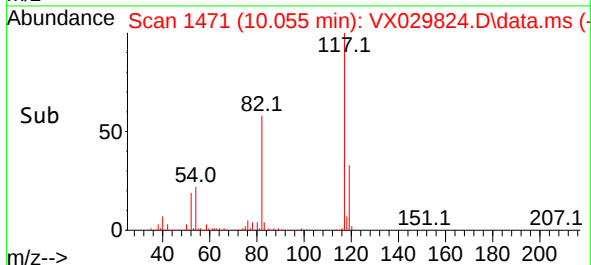
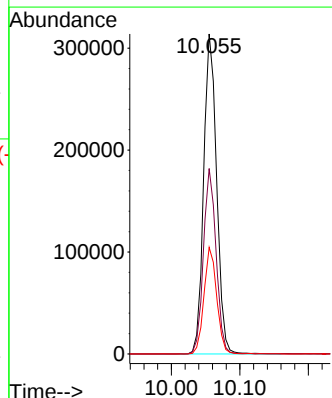
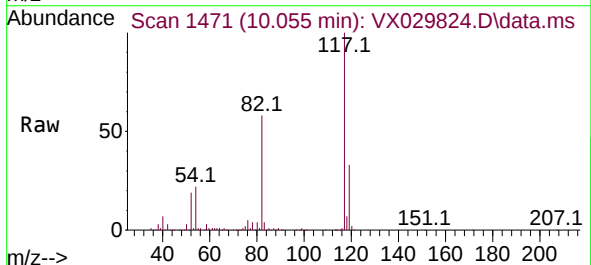
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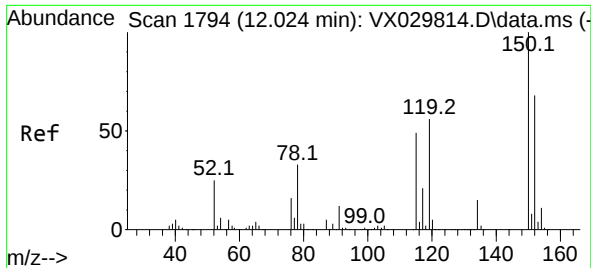
Tgt Ion: 95 Resp: 189968
Ion Ratio Lower Upper
95 100
174 65.0 0.0 163.0
176 63.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029824.D
Acq: 27 Jun 2022 18:28

Tgt Ion: 117 Resp: 413665
Ion Ratio Lower Upper
117 100
82 57.9 41.8 62.8
119 33.3 24.8 37.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029824.D

Acq: 27 Jun 2022 18:28

Instrument :

MSVOA_X

ClientSampleId :

MW-27DL

Tgt Ion:152 Resp: 160015

Ion Ratio Lower Upper

152 100

115 65.5 37.5 112.7

150 156.1 0.0 338.2

