

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029892.D
 Acq On : 30 Jun 2022 04:27
 Operator : JC/MD
 Sample : N3481-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-30D

Quant Time: Jun 30 06:28:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

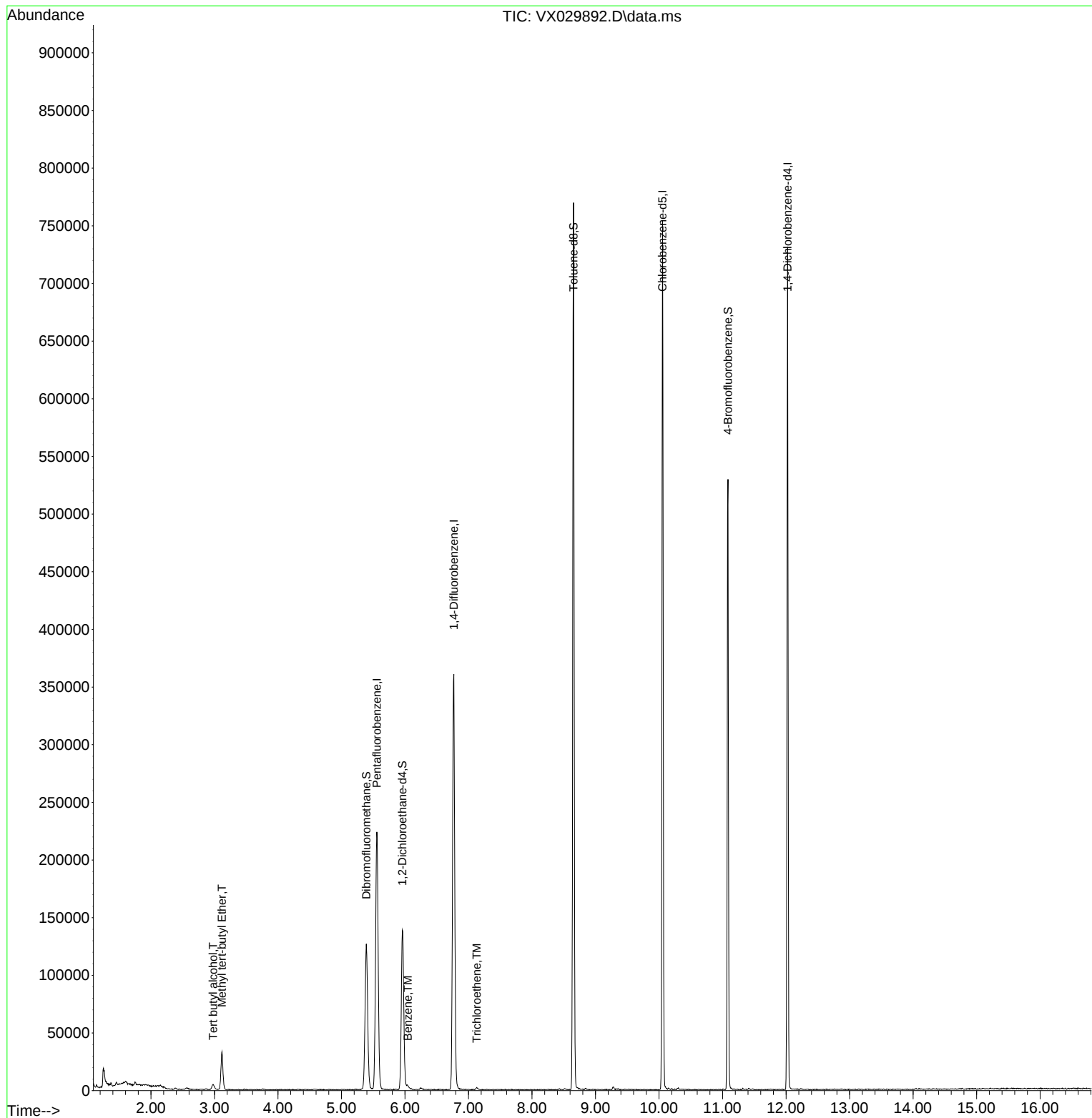
Internal Standards						
1) Pentafluorobenzene	5.556	168	223160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	385353	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	336594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144375	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	125101	44.286	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.580%
35) Dibromofluoromethane	5.391	113	111402	46.258	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.520%
50) Toluene-d8	8.653	98	447693	49.554	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.100%
62) 4-Bromofluorobenzene	11.085	95	147212	46.096	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.977	59	6934	9.386	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	34810	4.486	ug/l	94
40) Benzene	6.043	78	3624	0.350	ug/l	94
44) Trichloroethene	7.129	130	806	0.289	ug/l	54

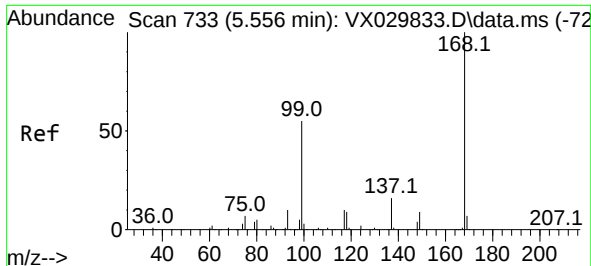
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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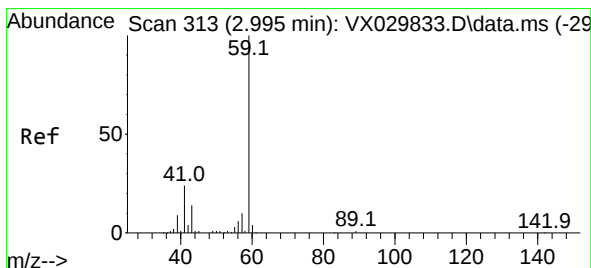
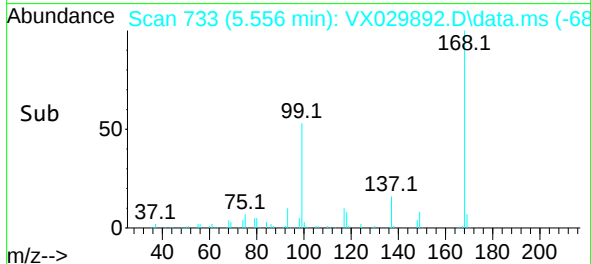
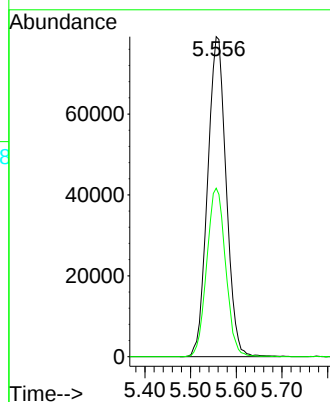
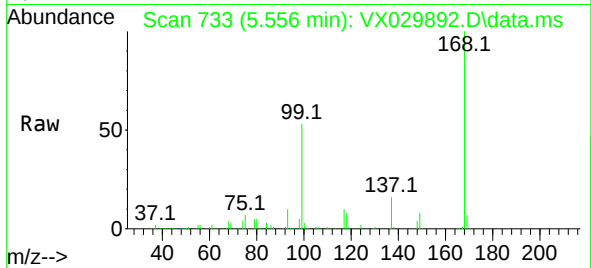




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

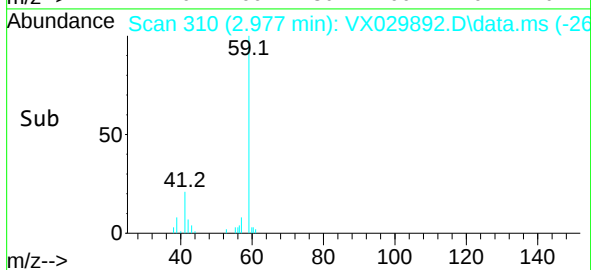
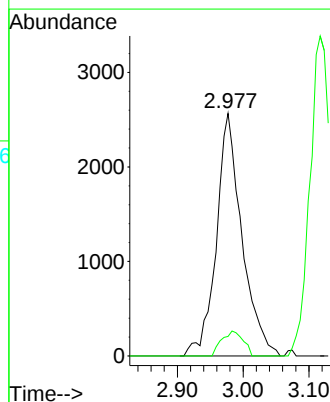
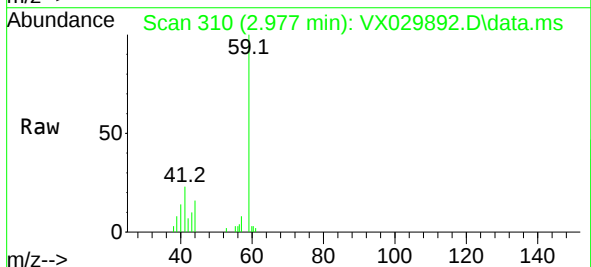
Instrument :
MSVOA_X
ClientSampleId :
MW-30D

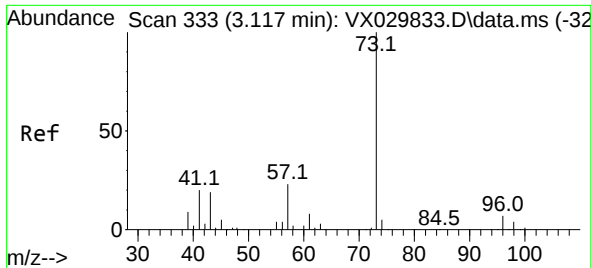
Tgt Ion:168 Resp: 223160
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#11
Tert butyl alcohol
Concen: 9.386 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Tgt Ion: 59 Resp: 6934
Ion Ratio Lower Upper
59 100
57 8.6 7.4 11.2

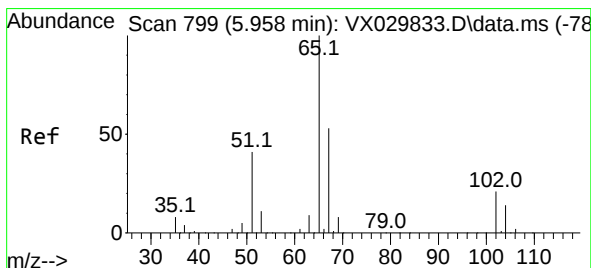
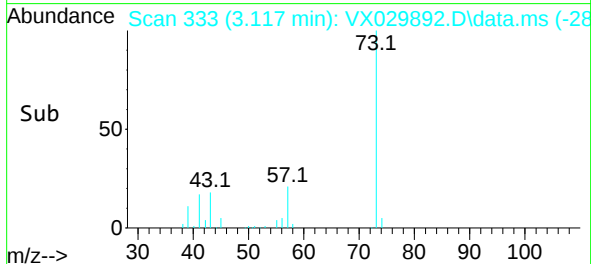
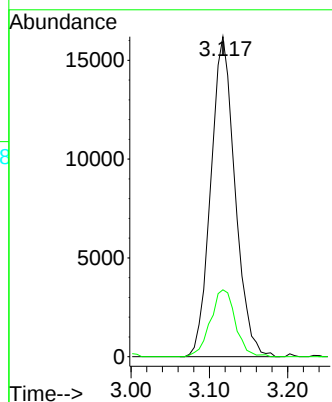
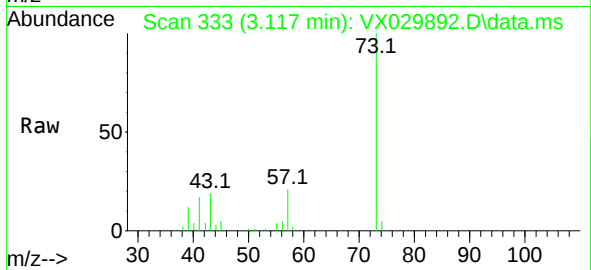




#19
Methyl tert-butyl Ether
Concen: 4.486 ug/l
RT: 3.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

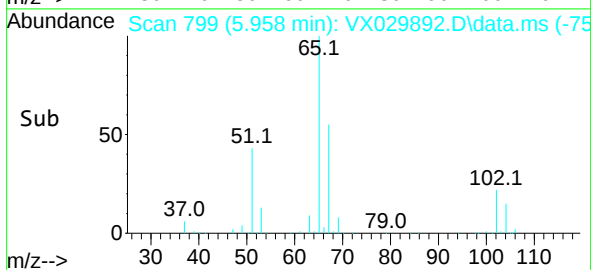
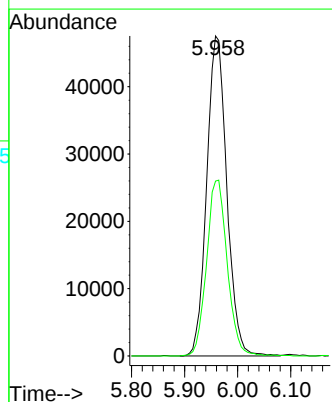
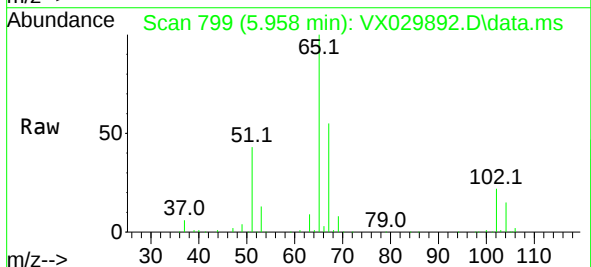
Instrument :
MSVOA_X
ClientSampleId :
MW-30D

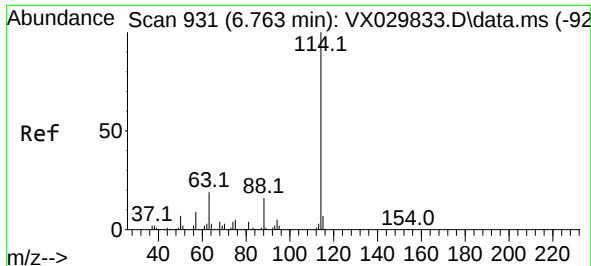
Tgt Ion: 73 Resp: 34810
Ion Ratio Lower Upper
73 100
57 20.9 19.0 28.6



#33
1,2-Dichloroethane-d4
Concen: 44.286 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Tgt Ion: 65 Resp: 125101
Ion Ratio Lower Upper
65 100
67 56.6 0.0 109.6

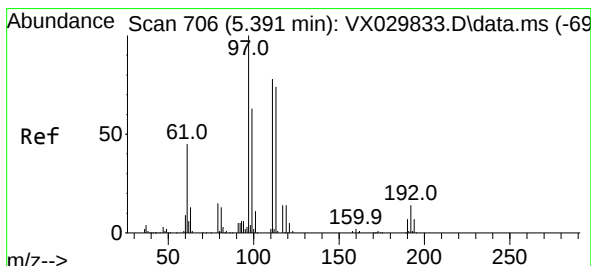
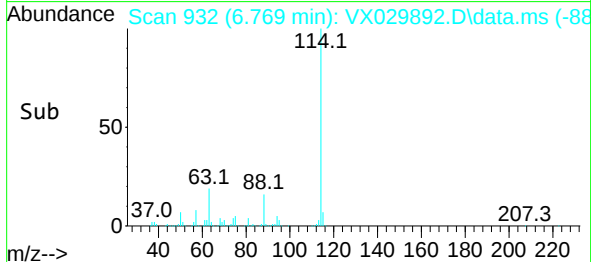
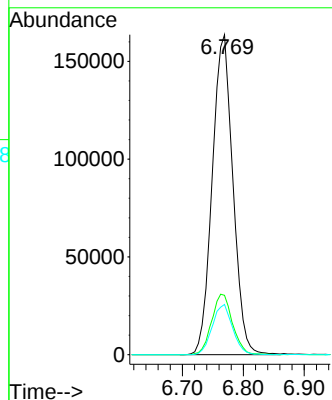
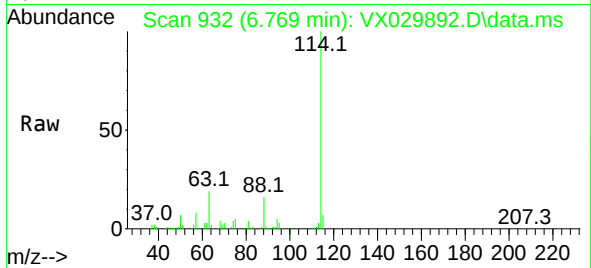




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

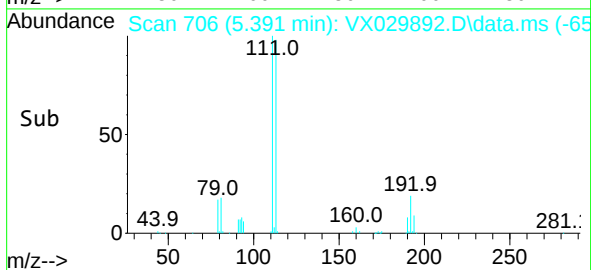
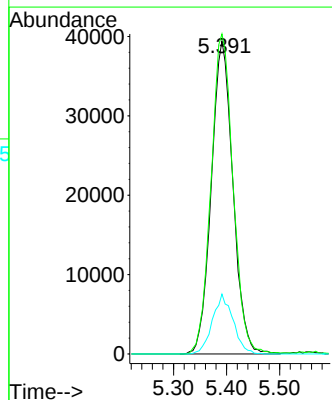
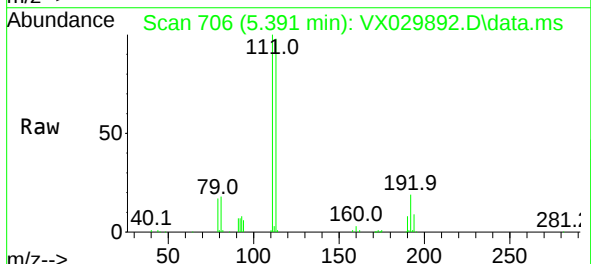
Instrument :
MSVOA_X
ClientSampleId :
MW-30D

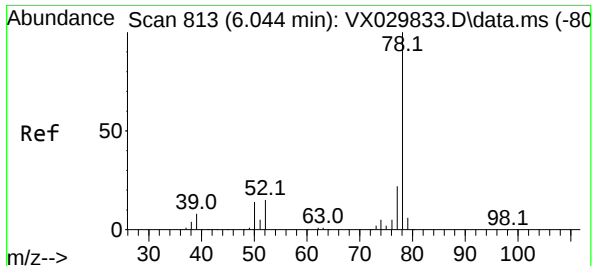
Tgt Ion:114 Resp: 385353
Ion Ratio Lower Upper
114 100
63 18.5 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.258 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Tgt Ion:113 Resp: 111402
Ion Ratio Lower Upper
113 100
111 104.4 83.2 124.8
192 18.3 14.8 22.2





#40

Benzene

Concen: 0.350 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX029892.D

Acq: 30 Jun 2022 04:27

Instrument :

MSVOA_X

ClientSampleId :

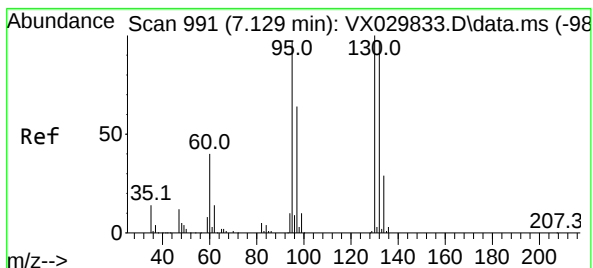
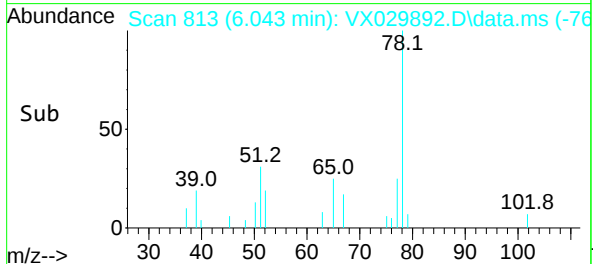
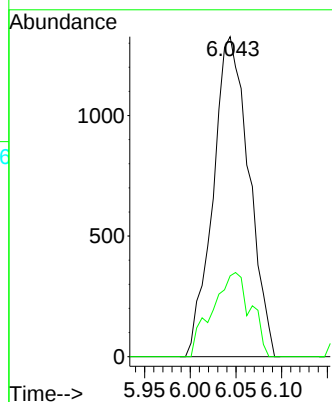
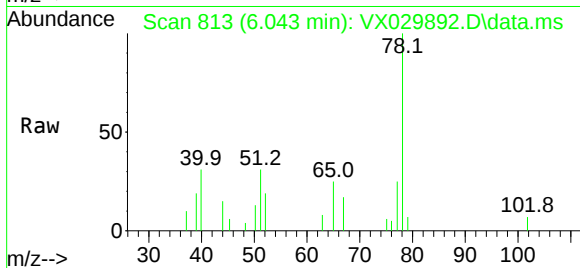
MW-30D

Tgt Ion: 78 Resp: 3624

Ion Ratio Lower Upper

78 100

77 25.2 18.0 27.0



#44

Trichloroethene

Concen: 0.289 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029892.D

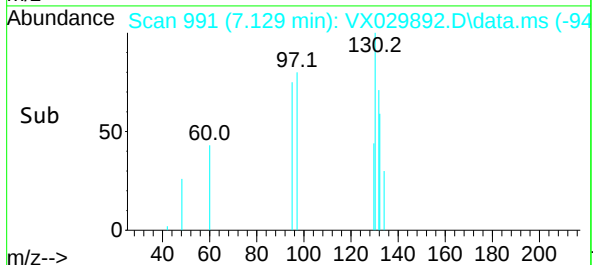
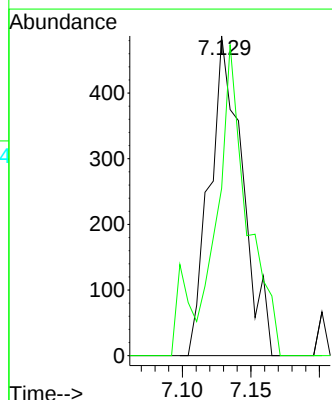
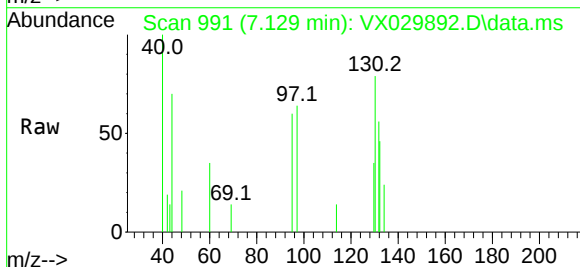
Acq: 30 Jun 2022 04:27

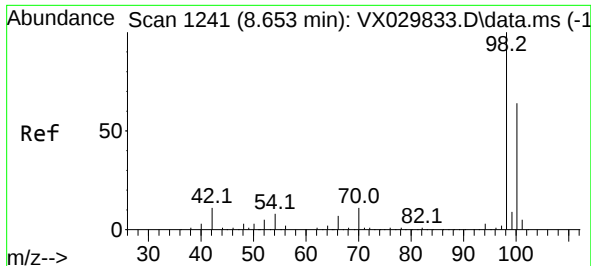
Tgt Ion:130 Resp: 806

Ion Ratio Lower Upper

130 100

95 52.4 0.0 194.8

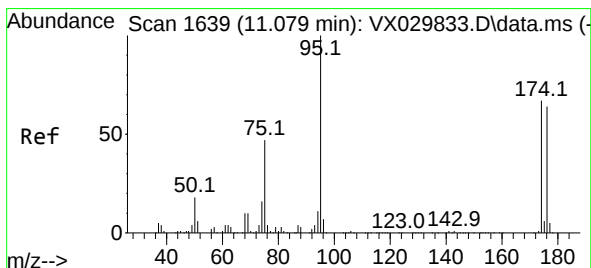
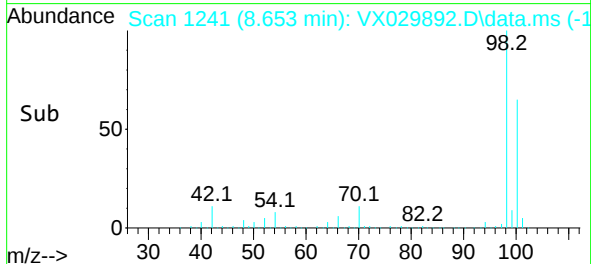
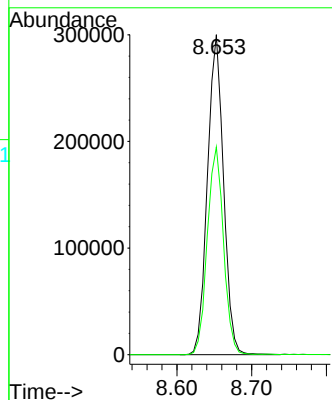
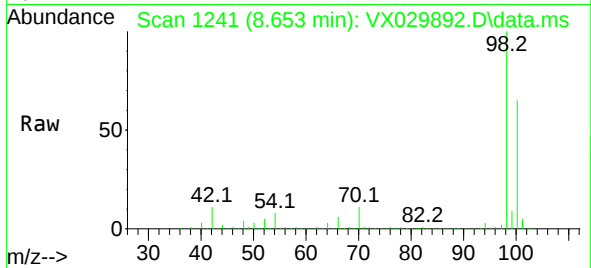




#50
Toluene-d8
Concen: 49.554 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

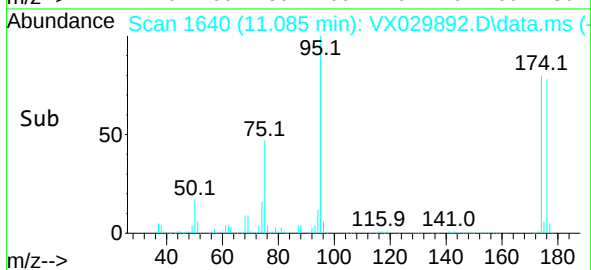
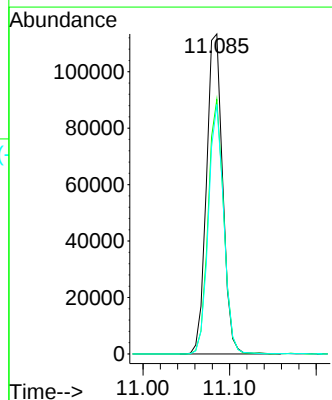
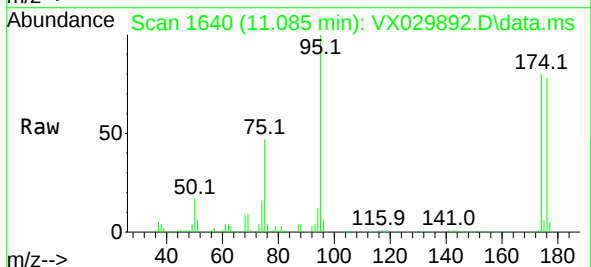
Instrument :
MSVOA_X
ClientSampleId :
MW-30D

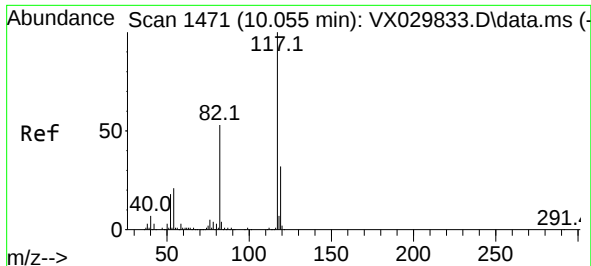
Tgt Ion: 98 Resp: 447693
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.096 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Tgt Ion: 95 Resp: 147212
Ion Ratio Lower Upper
95 100
174 76.0 0.0 149.0
176 73.6 0.0 146.0

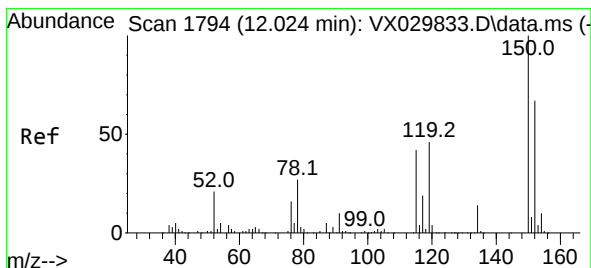
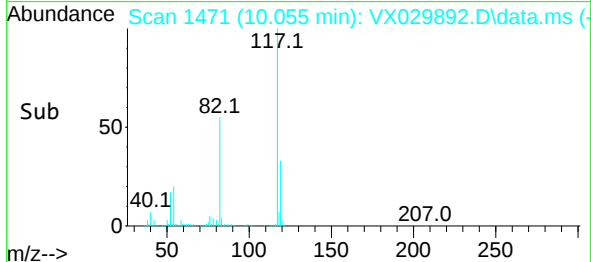
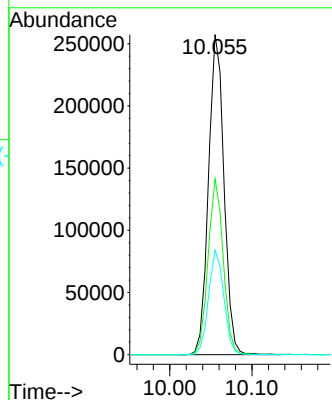
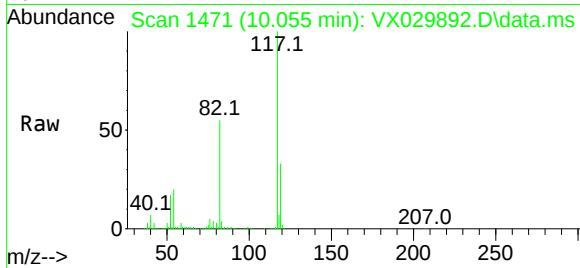




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 336594
Ion Ratio Lower Upper
117 100
82 54.9 42.7 64.1
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029892.D
Acq: 30 Jun 2022 04:27

Tgt Ion:152 Resp: 144375
Ion Ratio Lower Upper
152 100
115 59.6 40.5 121.5
150 157.5 0.0 347.0

