

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029960.D
 Acq On : 07 Jul 2022 17:14
 Operator : JC/MD
 Sample : N3617-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-05

Quant Time: Jul 08 05:35:10 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)

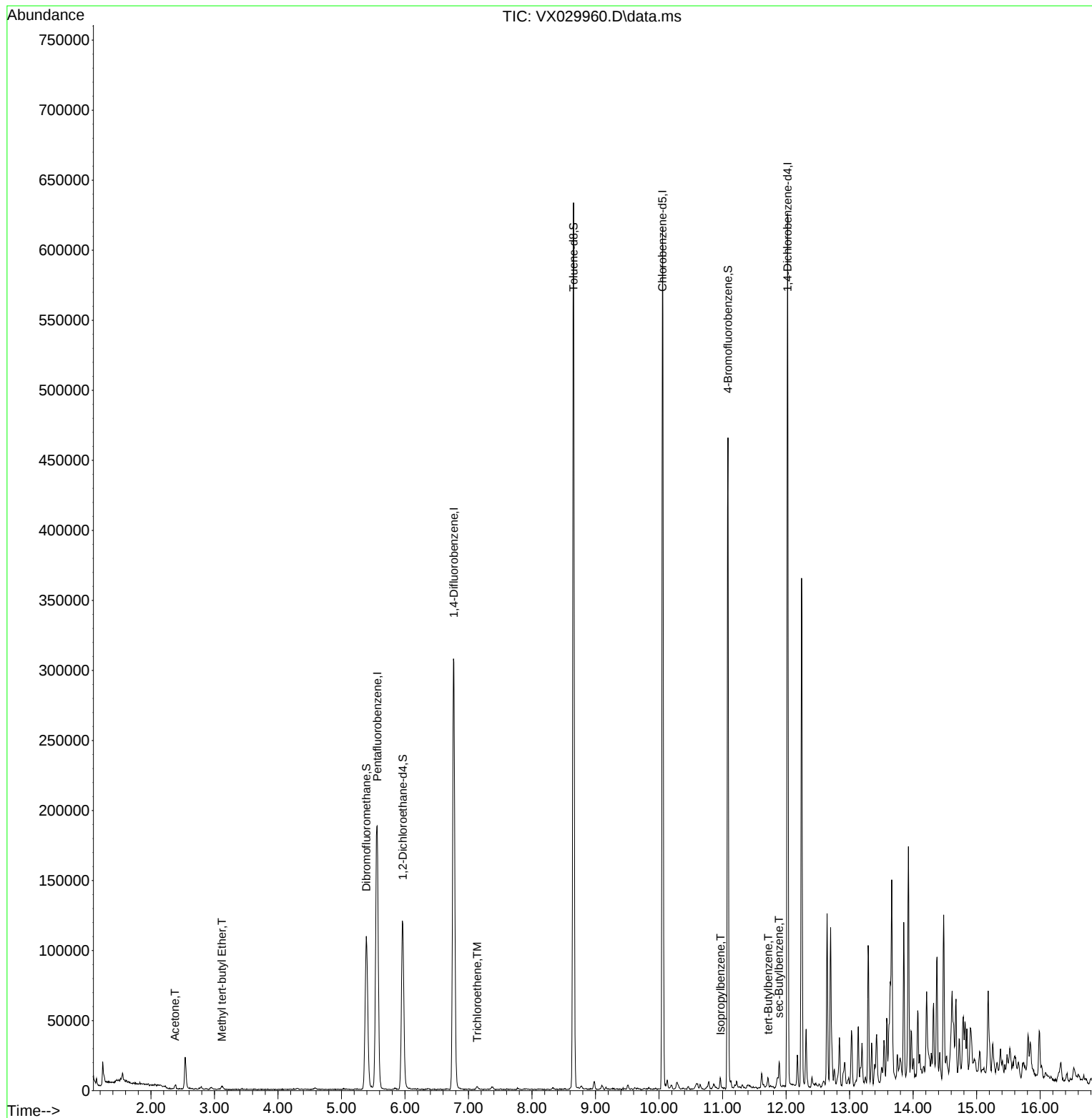
Internal Standards						
1) Pentafluorobenzene	5.562	168	192143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	338381	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	290614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107056	44.016	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.040%
35) Dibromofluoromethane	5.391	113	97883	46.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.580%
50) Toluene-d8	8.653	98	380633	47.979	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.960%
62) 4-Bromofluorobenzene	11.085	95	127454	45.450	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.900%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3216	2.703	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	2191	0.328	ug/l	94
44) Trichloroethene	7.135	130	843	0.344	ug/l	86
73) Isopropylbenzene	10.970	105	3630	0.395	ug/l	88
83) tert-Butylbenzene	11.719	119	2281	0.302	ug/l	80
85) sec-Butylbenzene	11.890	105	8594	0.903	ug/l #	75

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

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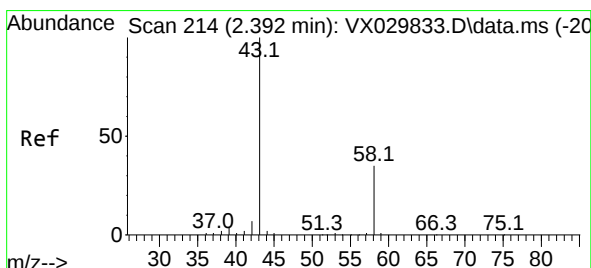
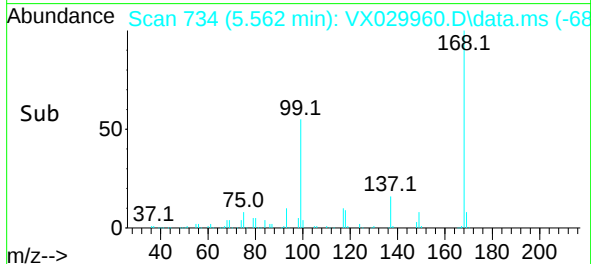
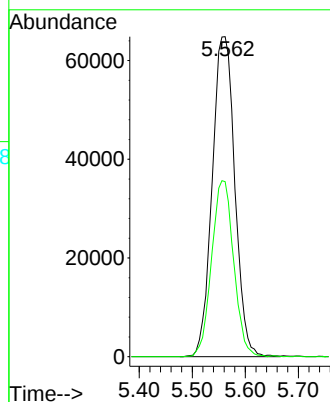
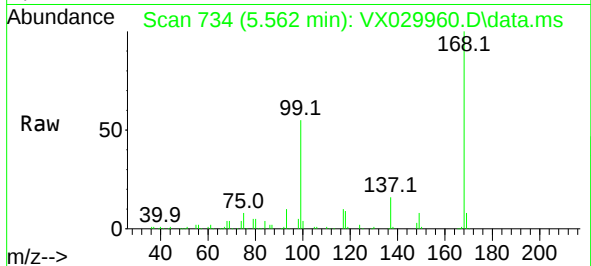




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

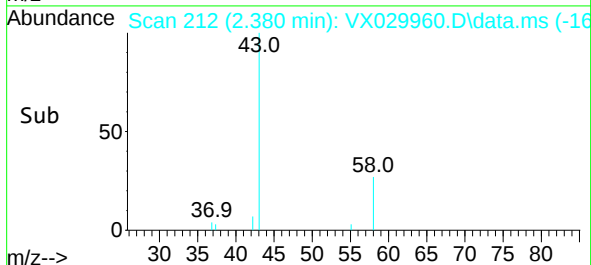
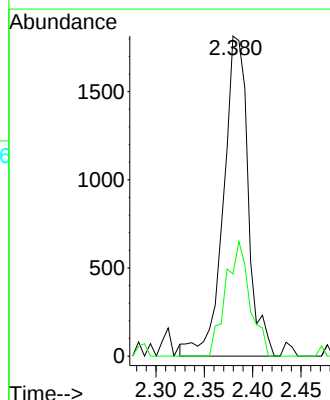
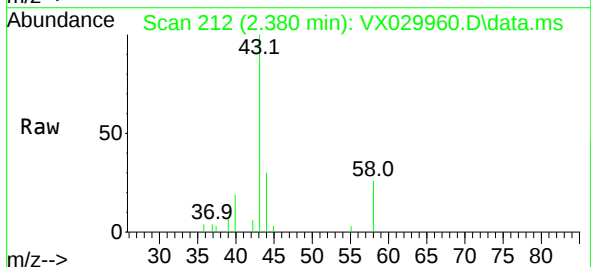
Instrument :
MSVOA_X
ClientSampleId :
MW-05

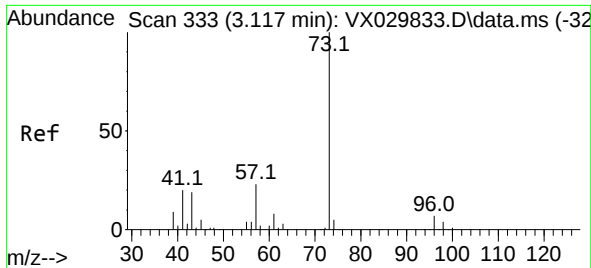
Tgt Ion:168 Resp: 192143
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#16
Acetone
Concen: 2.703 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

Tgt Ion: 43 Resp: 3216
Ion Ratio Lower Upper
43 100
58 25.7 27.7 41.5#

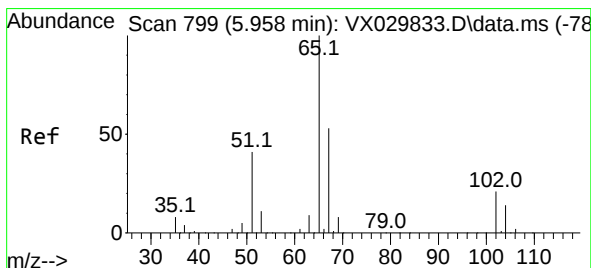
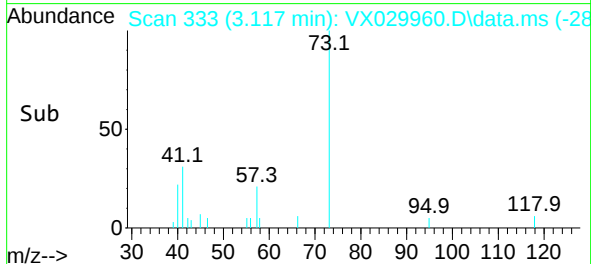
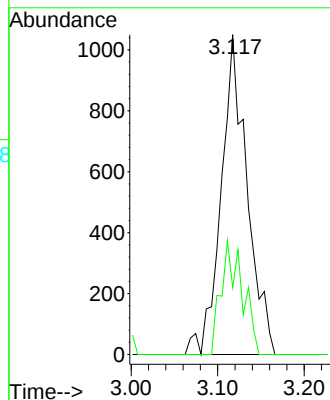
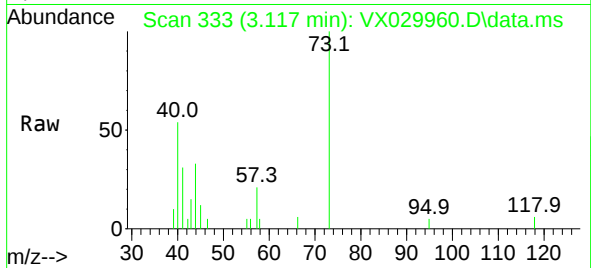




#19
Methyl tert-butyl Ether
Concen: 0.328 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

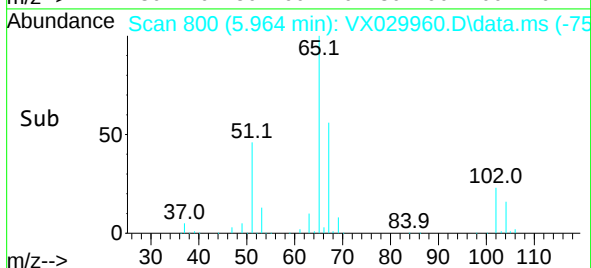
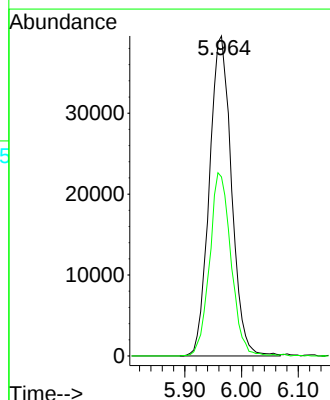
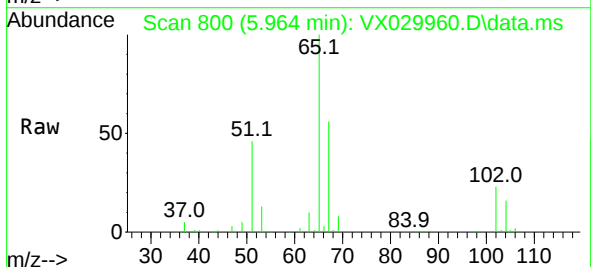
Instrument :
MSVOA_X
ClientSampleId :
MW-05

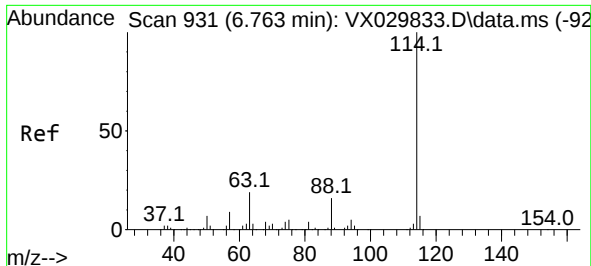
Tgt Ion: 73 Resp: 2191
Ion Ratio Lower Upper
73 100
57 21.0 19.0 28.6



#33
1,2-Dichloroethane-d4
Concen: 44.016 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

Tgt Ion: 65 Resp: 107056
Ion Ratio Lower Upper
65 100
67 55.3 0.0 109.6

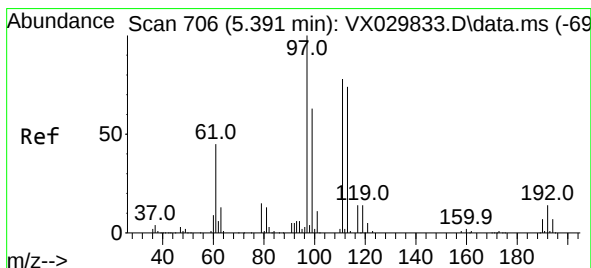
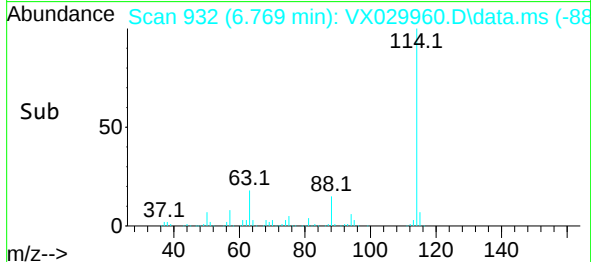
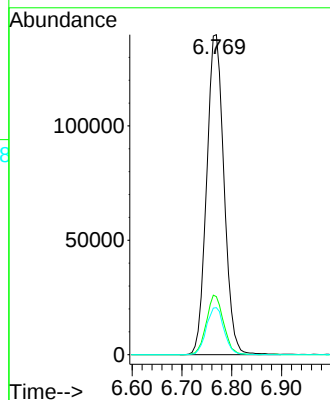
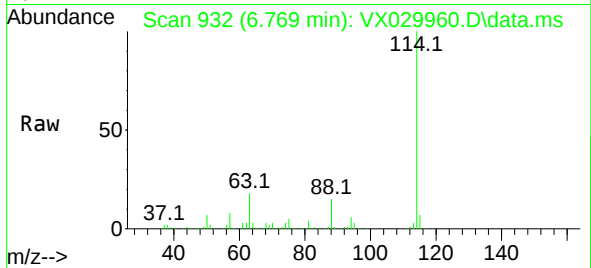




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

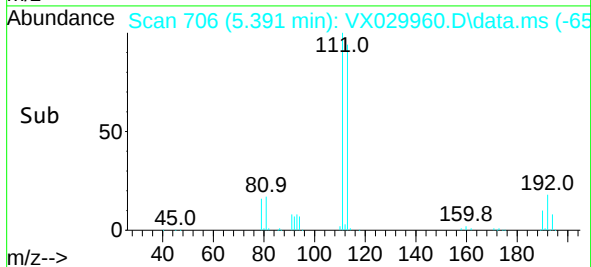
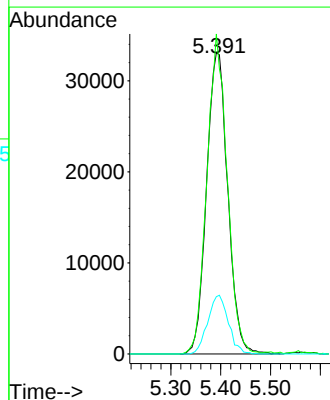
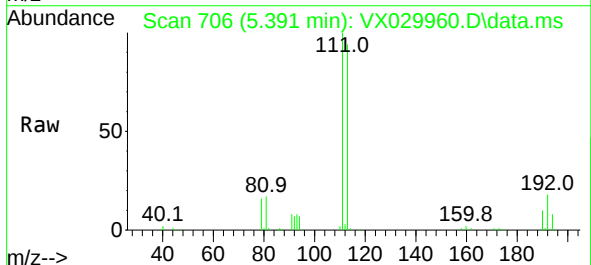
Instrument :
MSVOA_X
ClientSampleId :
MW-05

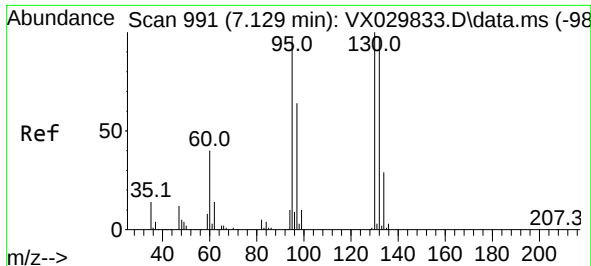
Tgt Ion:114 Resp: 338381
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.4
88 14.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.287 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

Tgt Ion:113 Resp: 97883
Ion Ratio Lower Upper
113 100
111 101.3 83.2 124.8
192 18.9 14.8 22.2

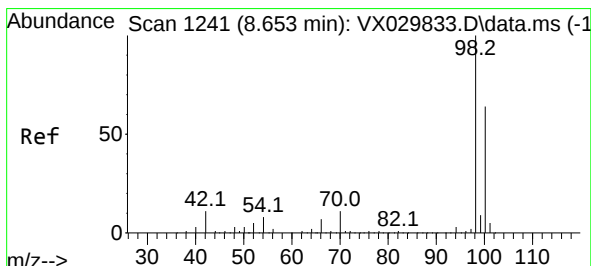
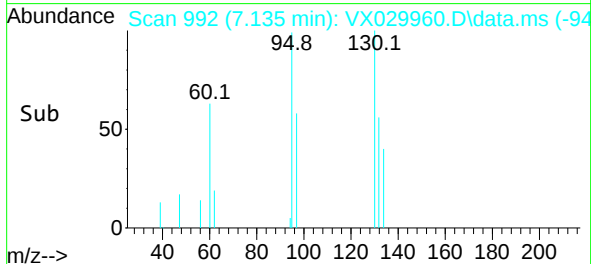
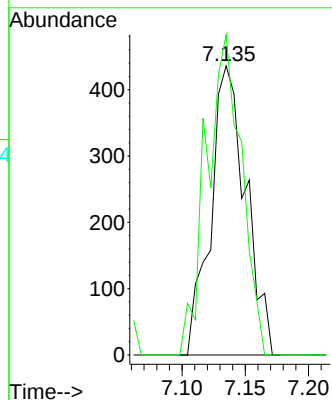
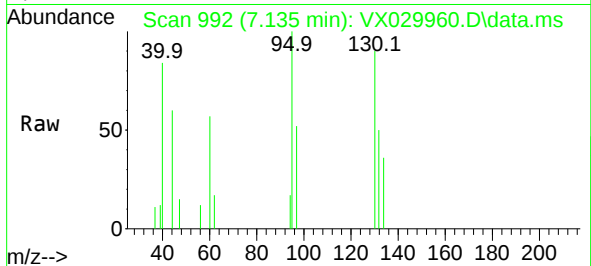




#44
Trichloroethene
Concen: 0.344 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

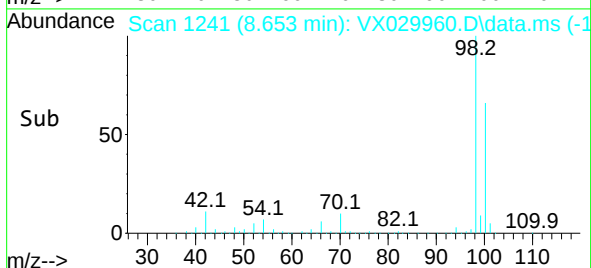
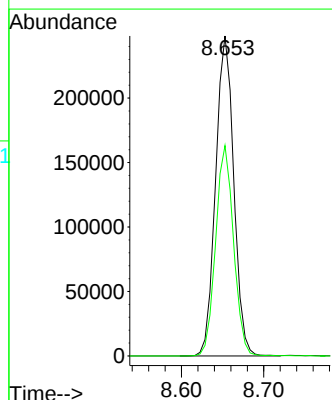
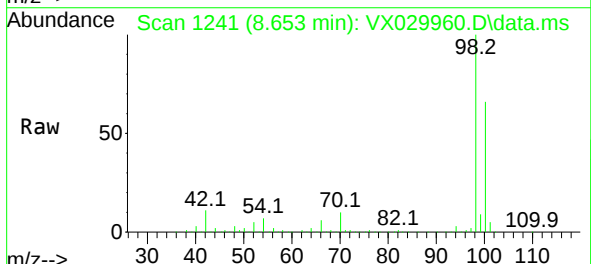
Instrument :
MSVOA_X
ClientSampleId :
MW-05

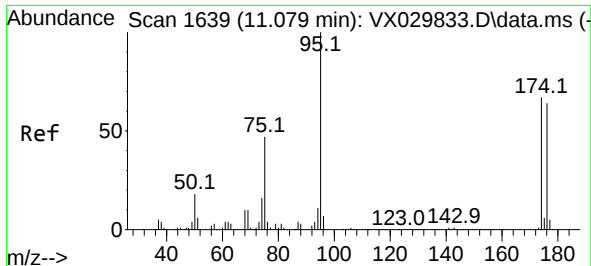
Tgt Ion:130 Resp: 843
Ion Ratio Lower Upper
130 100
95 110.8 0.0 194.8



#50
Toluene-d8
Concen: 47.979 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

Tgt Ion: 98 Resp: 380633
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 45.450 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029960.D

Acq: 07 Jul 2022 17:14

Instrument :

MSVOA_X

ClientSampleId :

MW-05

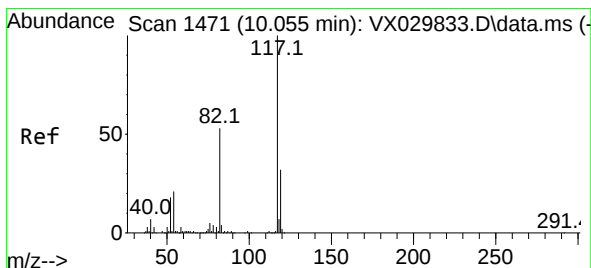
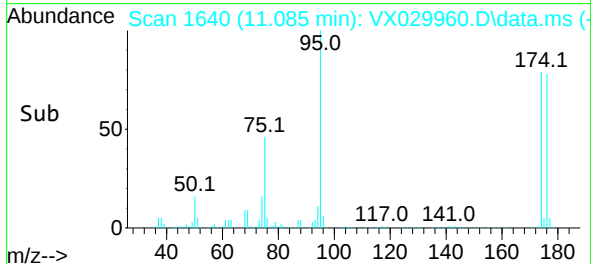
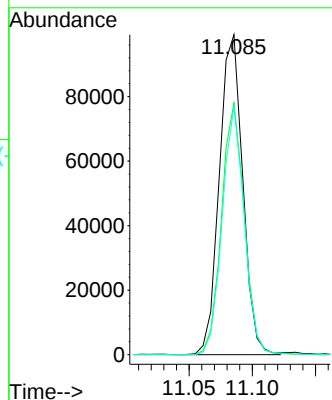
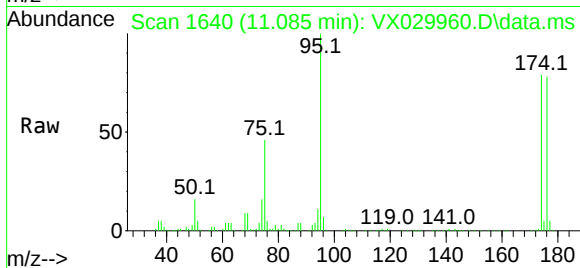
Tgt Ion: 95 Resp: 127454

Ion Ratio Lower Upper

95 100

174 76.5 0.0 149.0

176 73.1 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: VX029960.D

Acq: 07 Jul 2022 17:14

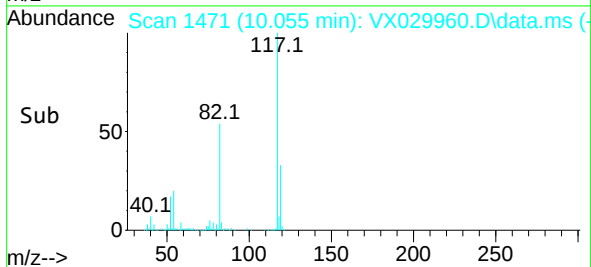
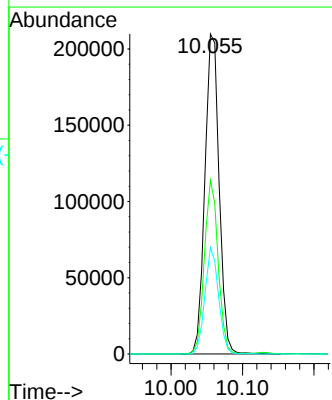
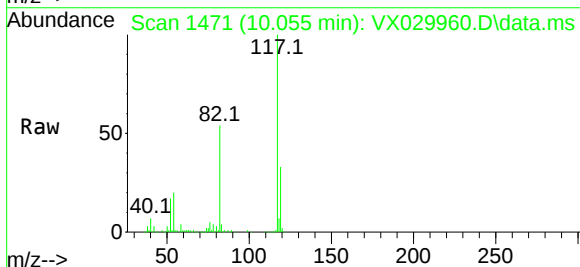
Tgt Ion: 117 Resp: 290614

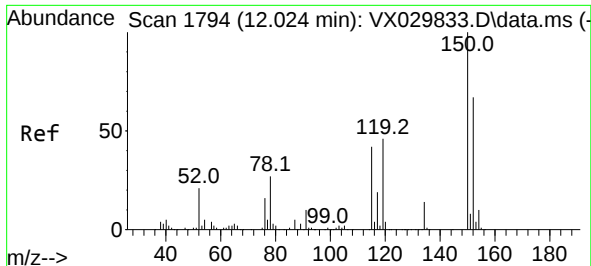
Ion Ratio Lower Upper

117 100

82 54.3 42.7 64.1

119 33.2 25.4 38.2

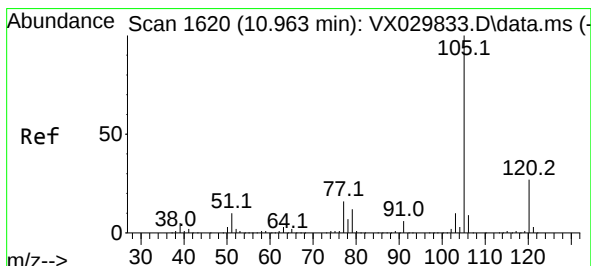
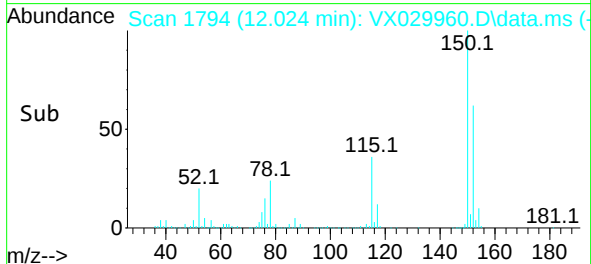
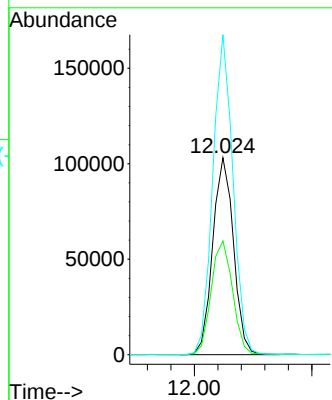
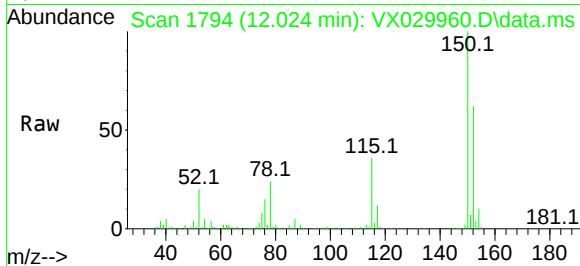




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

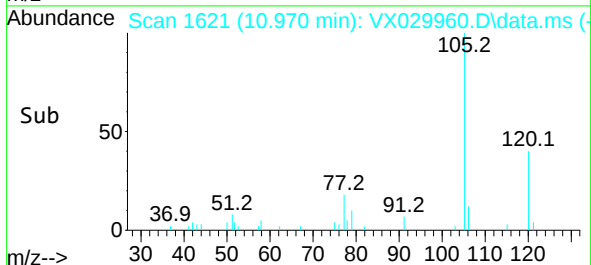
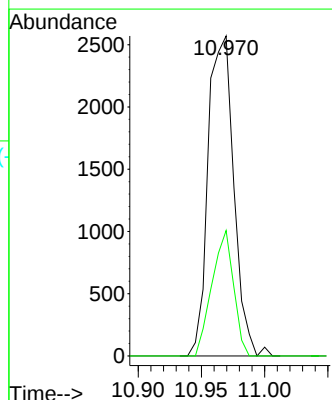
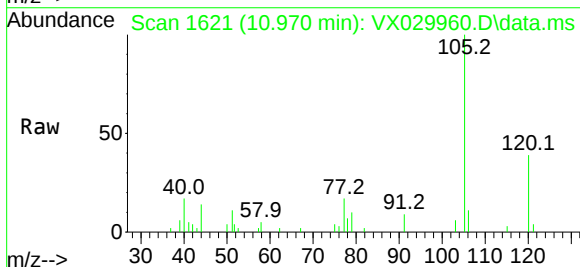
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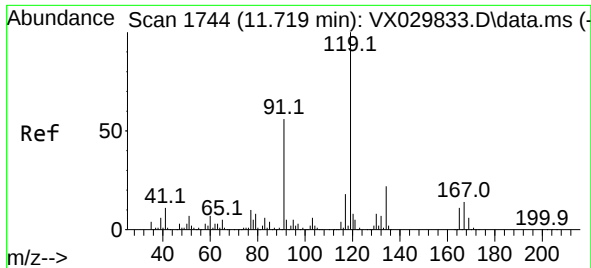
Tgt Ion:152 Resp: 126849
Ion Ratio Lower Upper
152 100
115 59.7 40.5 121.5
150 157.7 0.0 347.0



#73
Isopropylbenzene
Concen: 0.395 ug/l
RT: 10.970 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

Tgt Ion:105 Resp: 3630
Ion Ratio Lower Upper
105 100
120 32.9 13.5 40.4

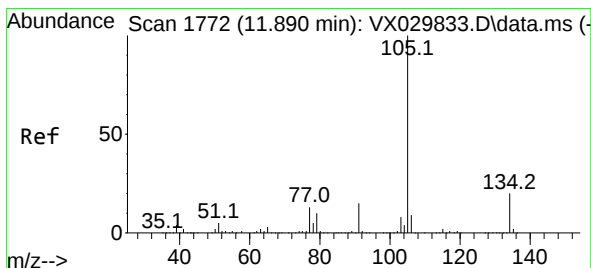
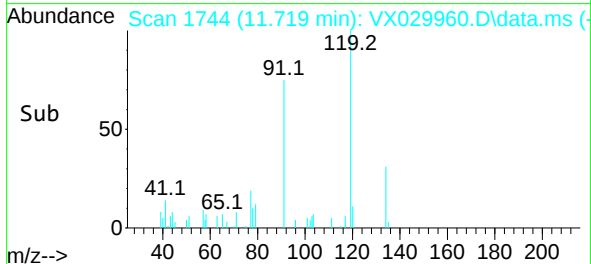
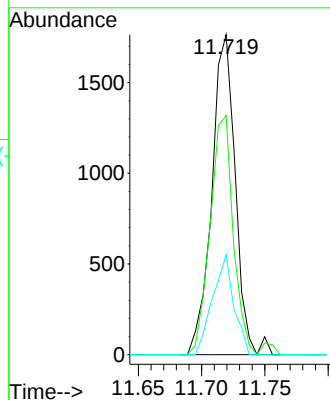
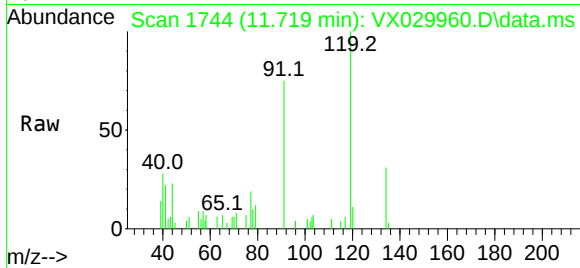




#83
tert-Butylbenzene
Concen: 0.302 ug/l
RT: 11.719 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

Instrument :
MSVOA_X
ClientSampleId :
MW-05

Tgt Ion:	119	Resp:	2281
Ion	Ratio	Lower	Upper
119	100		
91	73.3	28.3	84.9
134	28.1	11.2	33.5



#85
sec-Butylbenzene
Concen: 0.903 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX029960.D
Acq: 07 Jul 2022 17:14

Tgt Ion:	105	Resp:	8594
Ion	Ratio	Lower	Upper
105	100		
134	31.4	10.0	30.0#

