

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030820.D
 Acq On : 26 Aug 2022 13:29
 Operator : JC/MD
 Sample : N4245-18
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20220817

Quant Time: Aug 27 02:38:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

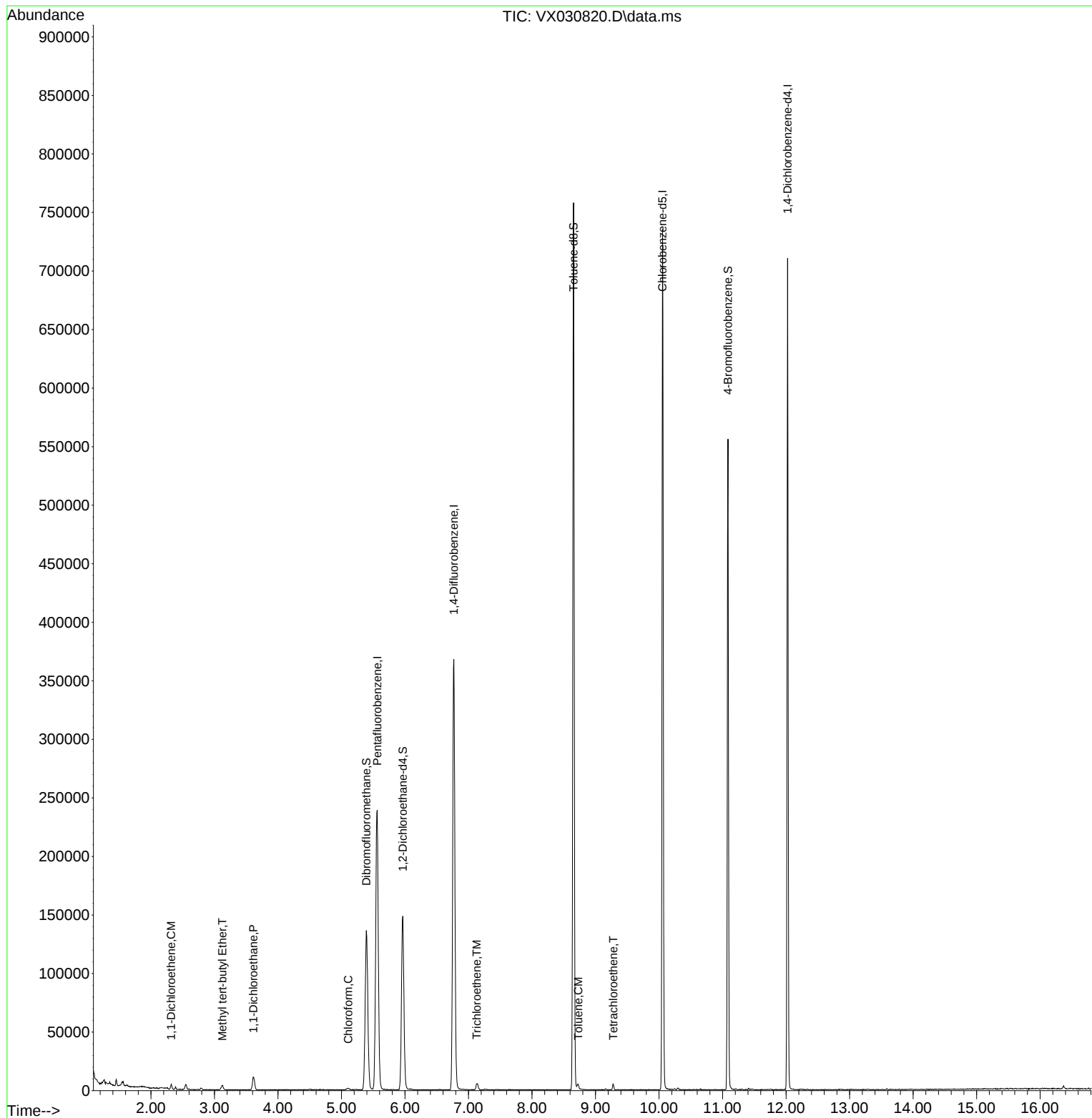
Internal Standards						
1) Pentafluorobenzene	5.562	168	227500	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	389090	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	339870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	142964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143180	53.505	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.020%			
35) Dibromofluoromethane	5.391	113	121227	50.695	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	8.653	98	447603	53.716	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.440%			
62) 4-Bromofluorobenzene	11.085	95	146639	47.268	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.540%			
Target Compounds					Qvalue	
12) 1,1-Dichloroethene	2.319	96	1532	0.743	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	3711	0.520	ug/l	90
24) 1,1-Dichloroethane	3.611	63	13567	3.123	ug/l	96
30) Chloroform	5.105	83	1920	0.420	ug/l #	63
44) Trichloroethene	7.129	130	2391	0.849	ug/l	81
52) Toluene	8.726	92	1600	0.263	ug/l	91
64) Tetrachloroethene	9.281	164	1032	0.385	ug/l #	77

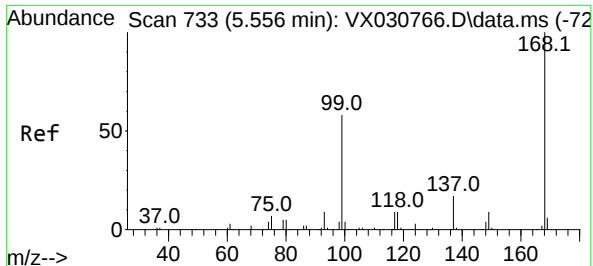
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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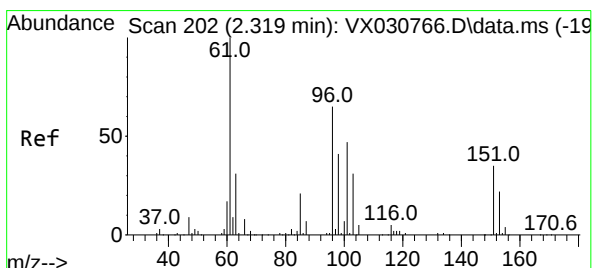
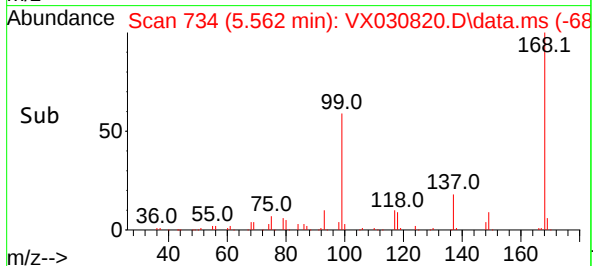
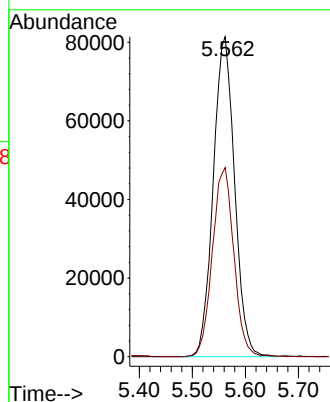
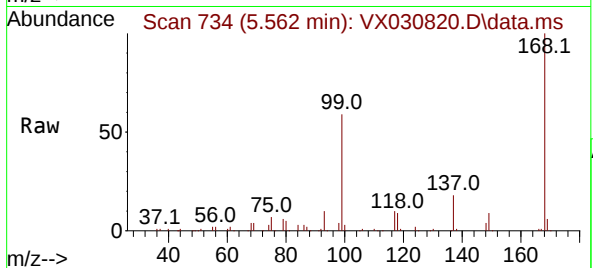




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030820.D
Acq: 26 Aug 2022 13:29

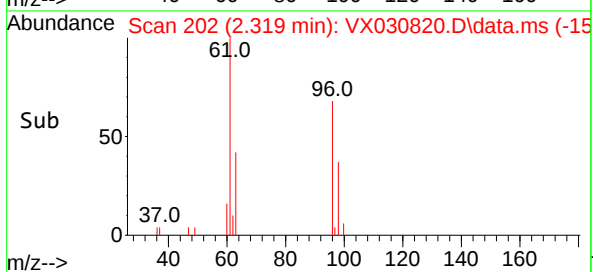
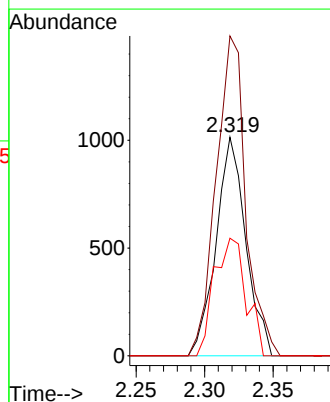
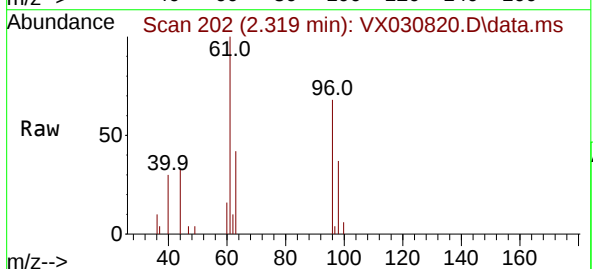
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20220817

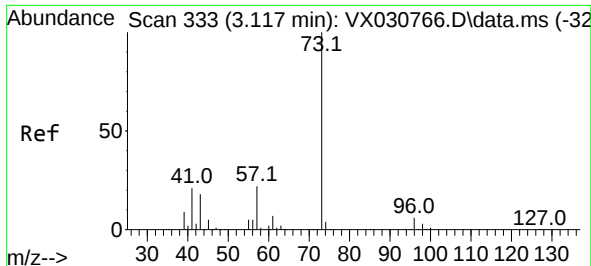
Tgt Ion:168 Resp: 227500
Ion Ratio Lower Upper
168 100
99 59.1 44.0 66.0



#12
1,1-Dichloroethene
Concen: 0.743 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030820.D
Acq: 26 Aug 2022 13:29

Tgt Ion: 96 Resp: 1532
Ion Ratio Lower Upper
96 100
61 146.4 117.4 176.0
98 53.8 52.2 78.4

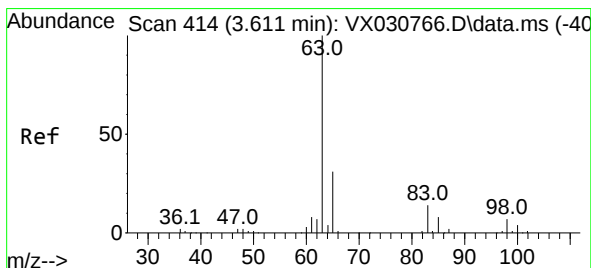
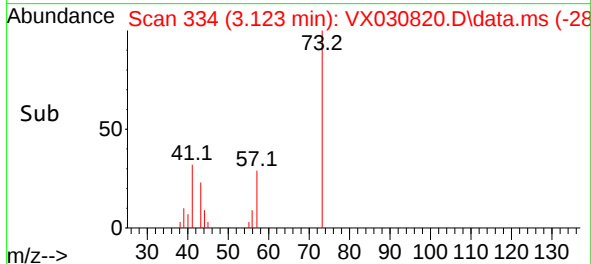
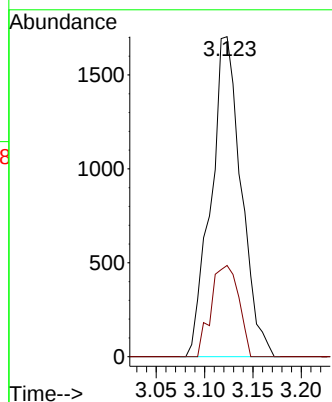
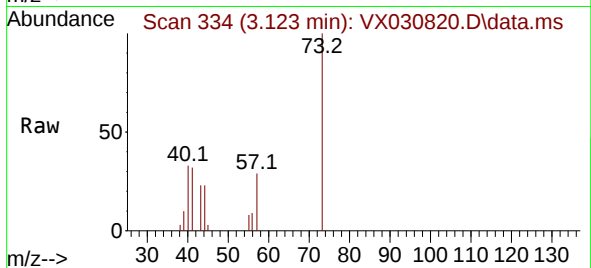




#19
Methyl tert-butyl Ether
Concen: 0.520 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX030820.D
Acq: 26 Aug 2022 13:29

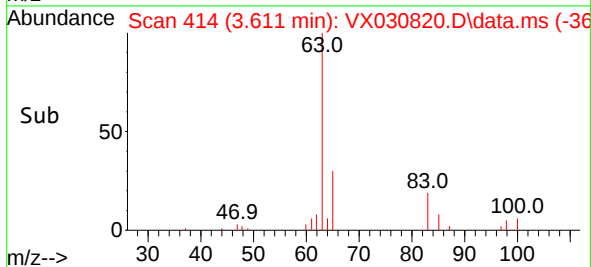
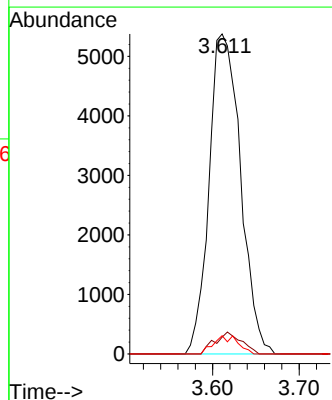
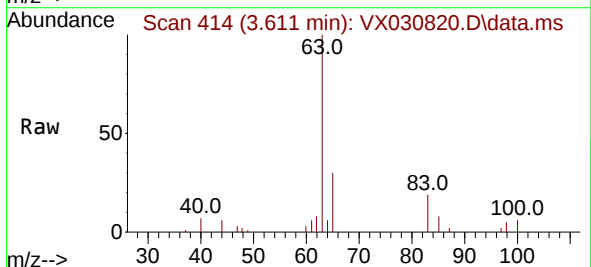
Instrument :
MSVOA_X
ClientSampleId :
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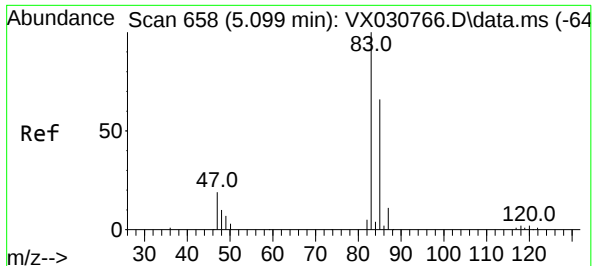
Tgt Ion: 73 Resp: 3711
Ion Ratio Lower Upper
73 100
57 28.5 19.0 28.6



#24
1,1-Dichloroethane
Concen: 3.123 ug/l
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX030820.D
Acq: 26 Aug 2022 13:29

Tgt Ion: 63 Resp: 13567
Ion Ratio Lower Upper
63 100
98 5.2 3.5 10.5
100 5.7 2.3 6.9





#30

Chloroform

Concen: 0.420 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX030820.D

Acq: 26 Aug 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

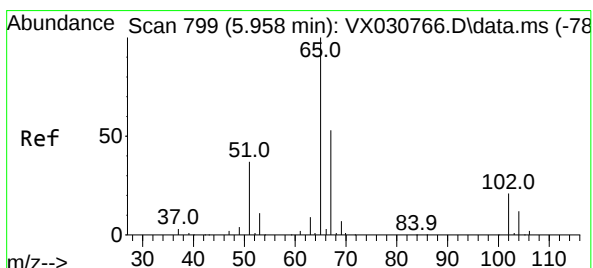
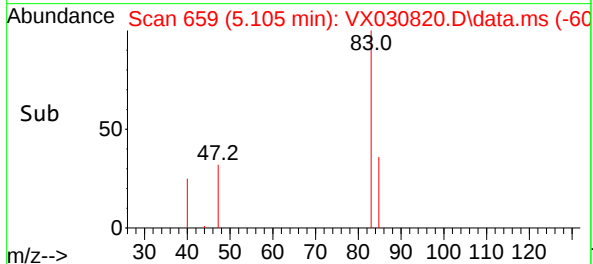
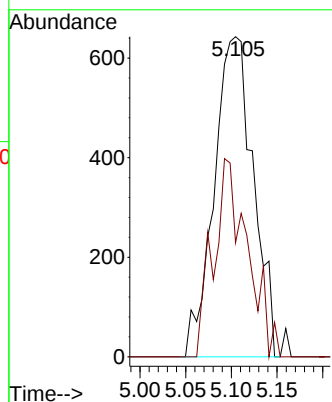
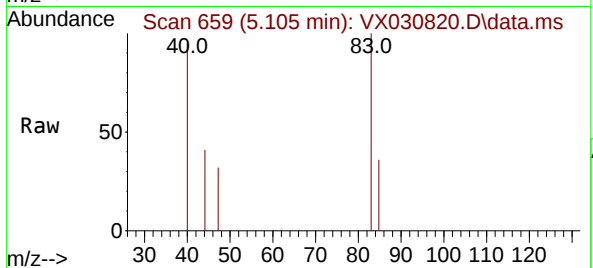
TT161S1-20220817

Tgt Ion: 83 Resp: 1920

Ion Ratio Lower Upper

83 100

85 35.6 51.5 77.3#



#33

1,2-Dichloroethane-d4

Concen: 53.505 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030820.D

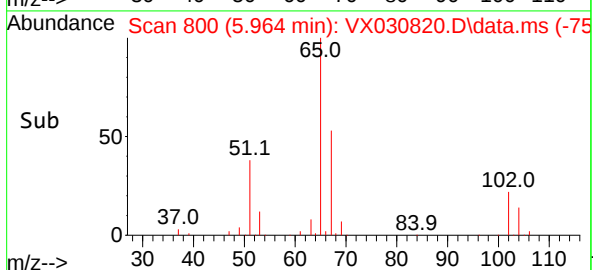
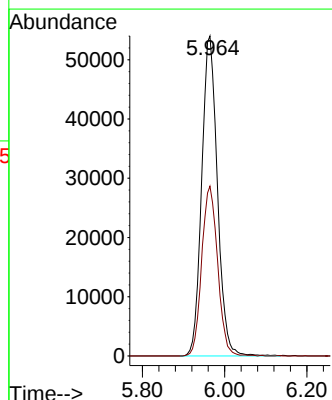
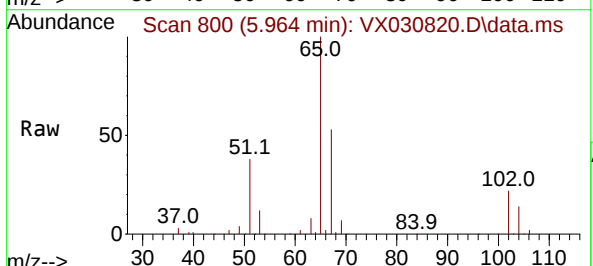
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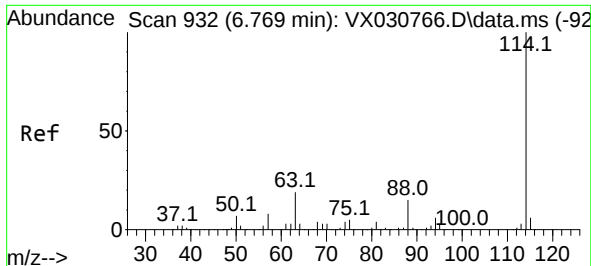
Tgt Ion: 65 Resp: 143180

Ion Ratio Lower Upper

65 100

67 53.7 0.0 109.6

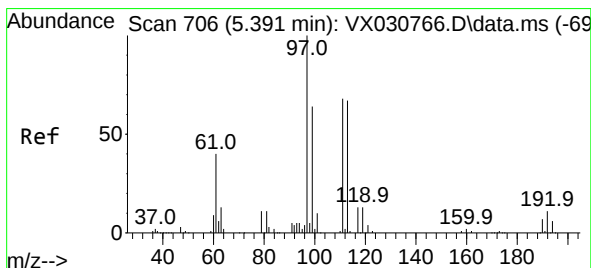
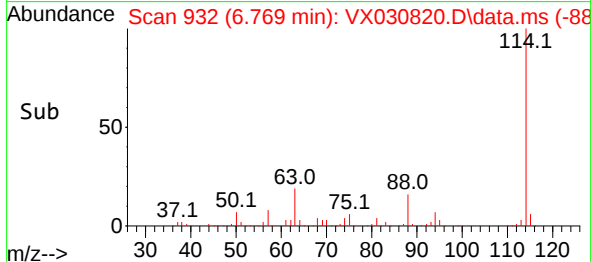
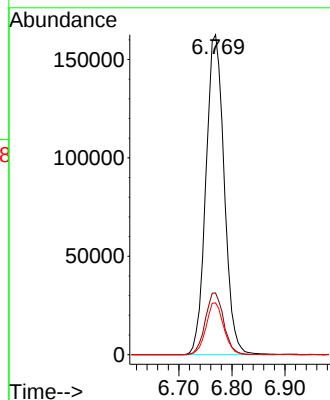
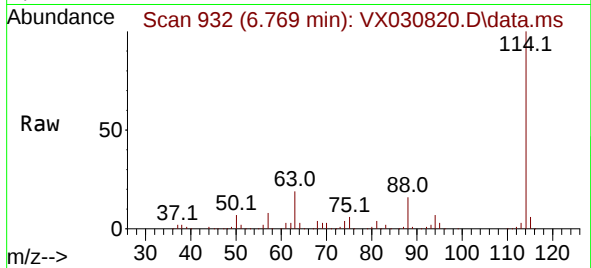




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030820.D
Acq: 26 Aug 2022 13:29

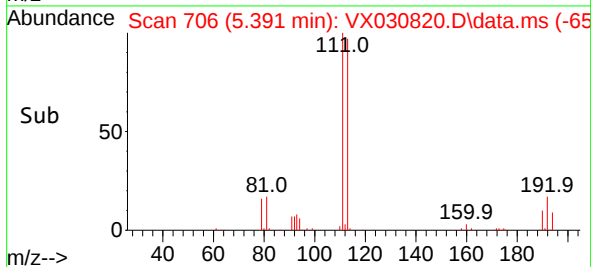
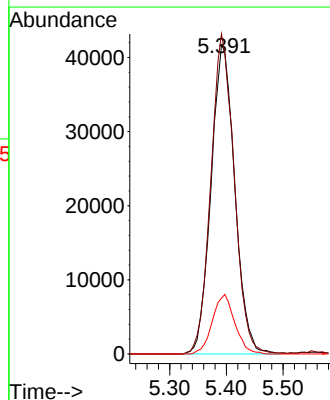
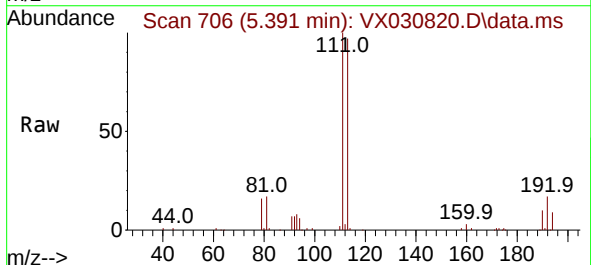
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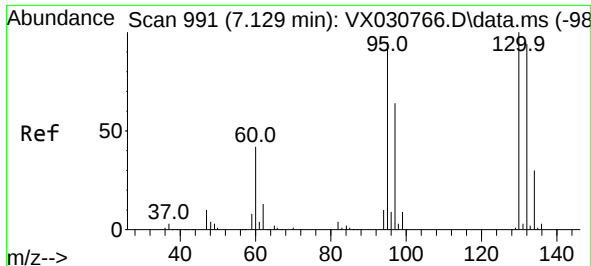
Tgt Ion:114 Resp: 389090
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.4
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.695 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030820.D
Acq: 26 Aug 2022 13:29

Tgt Ion:113 Resp: 121227
Ion Ratio Lower Upper
113 100
111 101.8 83.2 124.8
192 18.2 14.8 22.2

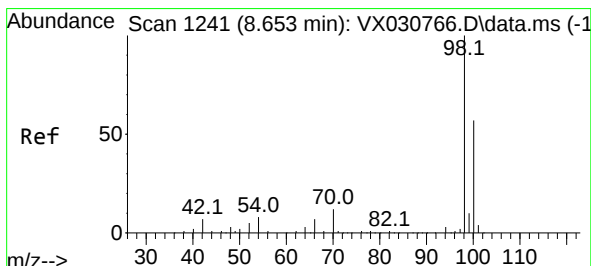
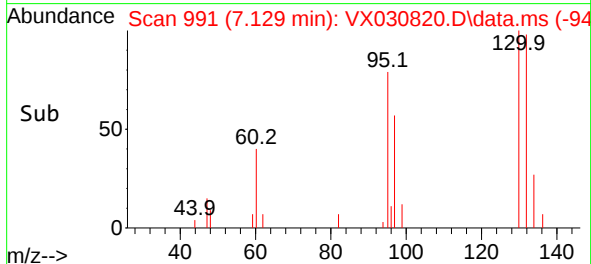
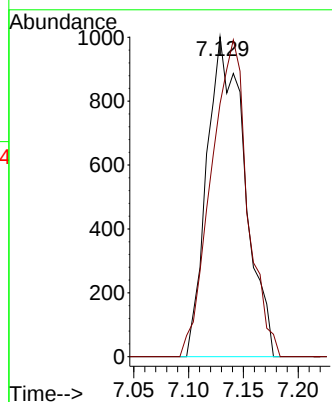
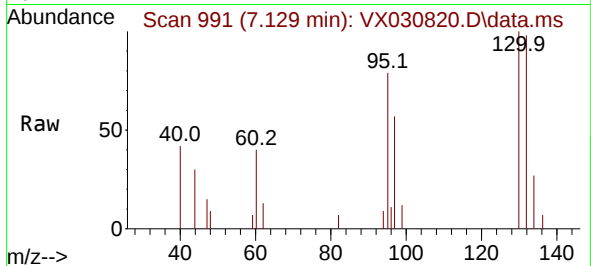




#44
 Trichloroethene
 Concen: 0.849 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX030820.D
 Acq: 26 Aug 2022 13:29

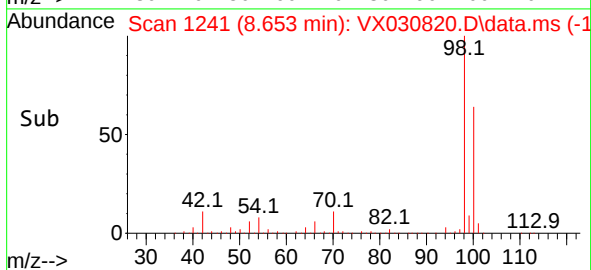
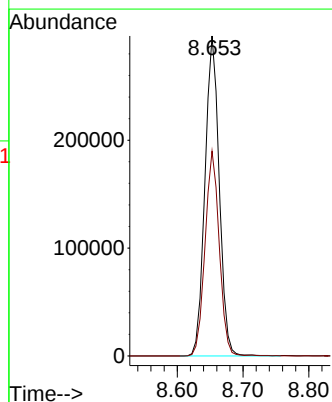
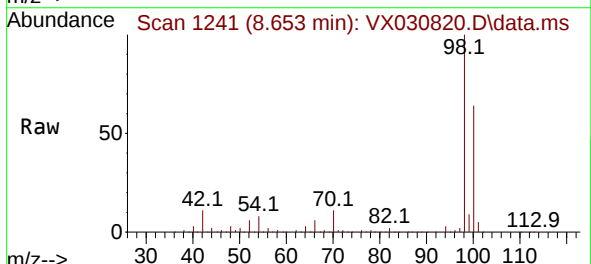
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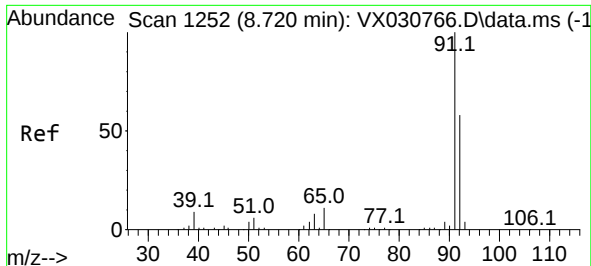
Tgt Ion:130 Resp: 2391
 Ion Ratio Lower Upper
 130 100
 95 79.0 0.0 194.8



#50
 Toluene-d8
 Concen: 53.716 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX030820.D
 Acq: 26 Aug 2022 13:29

Tgt Ion: 98 Resp: 447603
 Ion Ratio Lower Upper
 98 100
 100 63.5 52.3 78.5

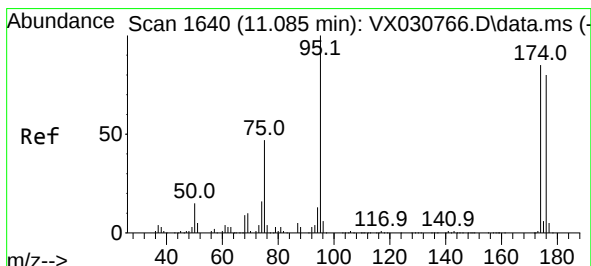
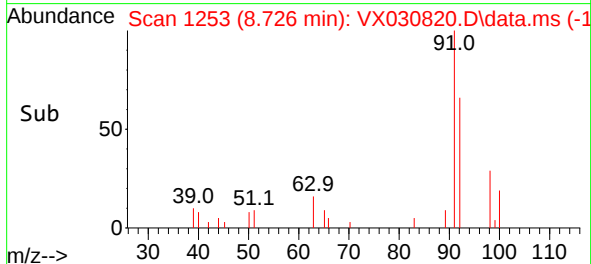
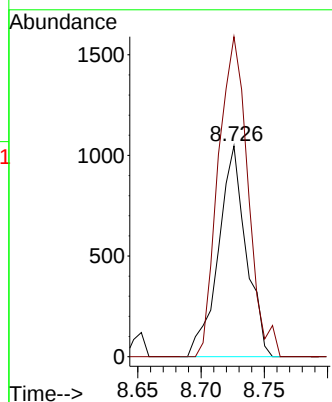
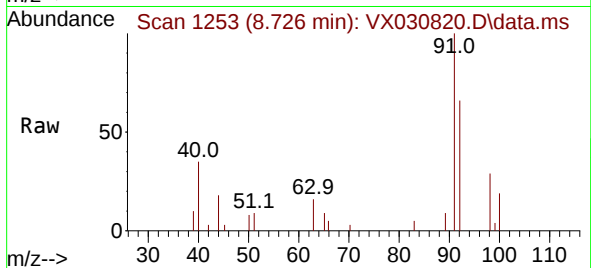




#52
Toluene
Concen: 0.263 ug/l
RT: 8.726 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030820.D
Acq: 26 Aug 2022 13:29

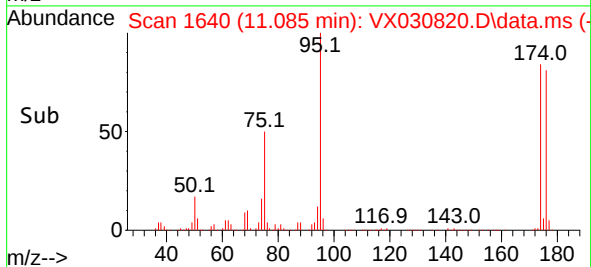
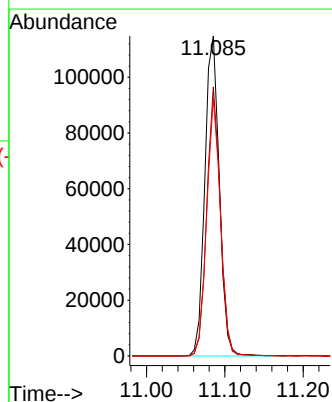
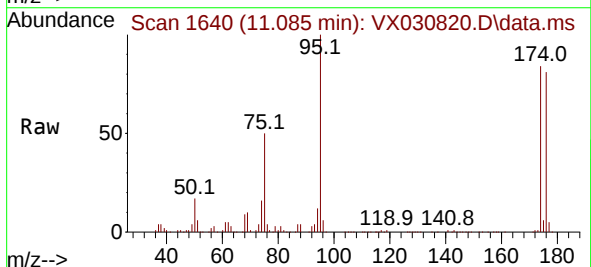
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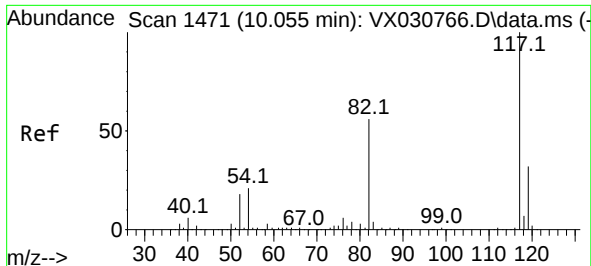
Tgt Ion: 92 Resp: 1600
Ion Ratio Lower Upper
92 100
91 162.1 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 47.268 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030820.D
Acq: 26 Aug 2022 13:29

Tgt Ion: 95 Resp: 146639
Ion Ratio Lower Upper
95 100
174 79.3 0.0 149.0
176 76.8 0.0 146.0

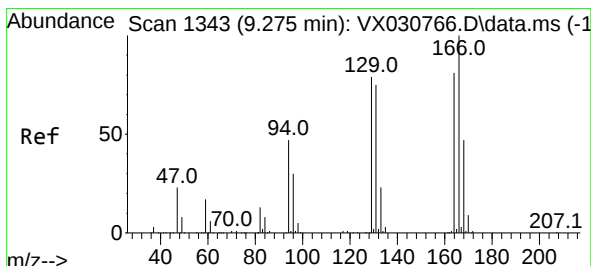
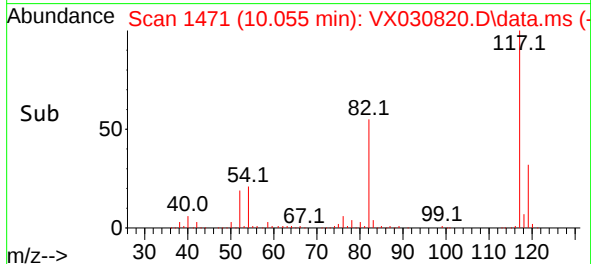
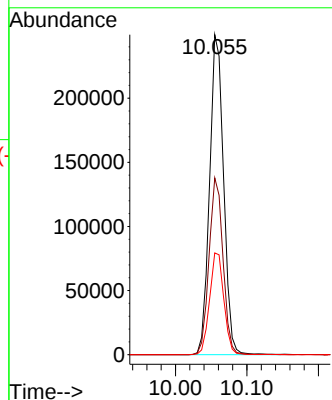
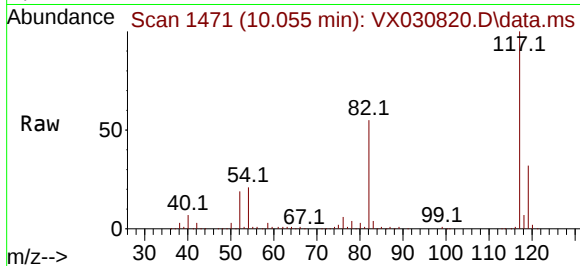




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030820.D
Acq: 26 Aug 2022 13:29

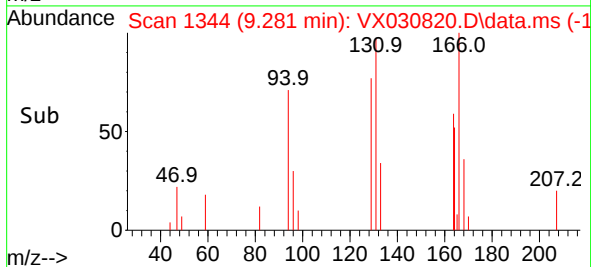
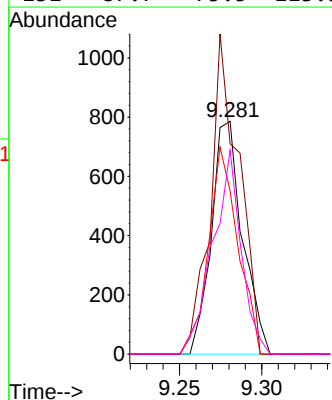
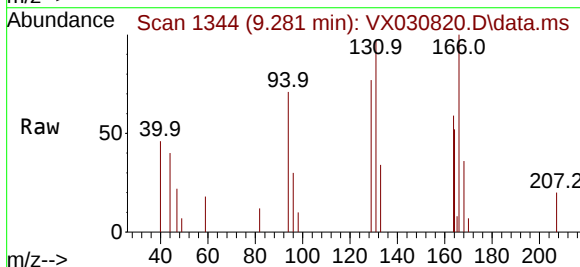
Instrument :
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TT161S1-20220817

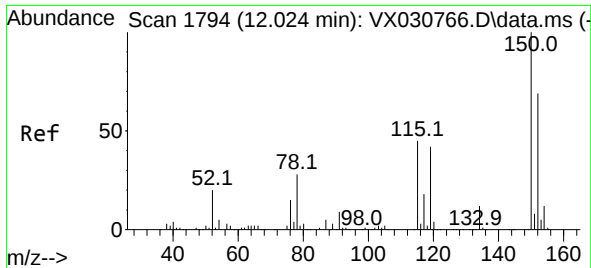
Tgt Ion:117 Resp: 339870
Ion Ratio Lower Upper
117 100
82 55.2 42.7 64.1
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.385 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030820.D
Acq: 26 Aug 2022 13:29

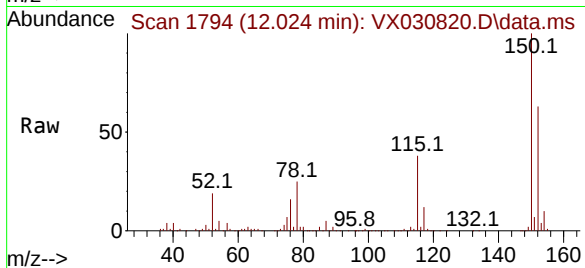
Tgt Ion:164 Resp: 1032
Ion Ratio Lower Upper
164 100
166 90.3 98.2 147.4#
129 70.0 80.8 121.2#
131 87.7 75.5 113.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030820.D
 Acq: 26 Aug 2022 13:29

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20220817



Tgt Ion:152 Resp: 142964
 Ion Ratio Lower Upper
 152 100
 115 59.8 40.5 121.5
 150 157.4 0.0 347.0

