

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029514.D
 Acq On : 15 Jun 2022 18:41
 Operator : JC/MD
 Sample : N3304-19
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WC-14A-1A-6

Quant Time: Jun 15 19:22:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

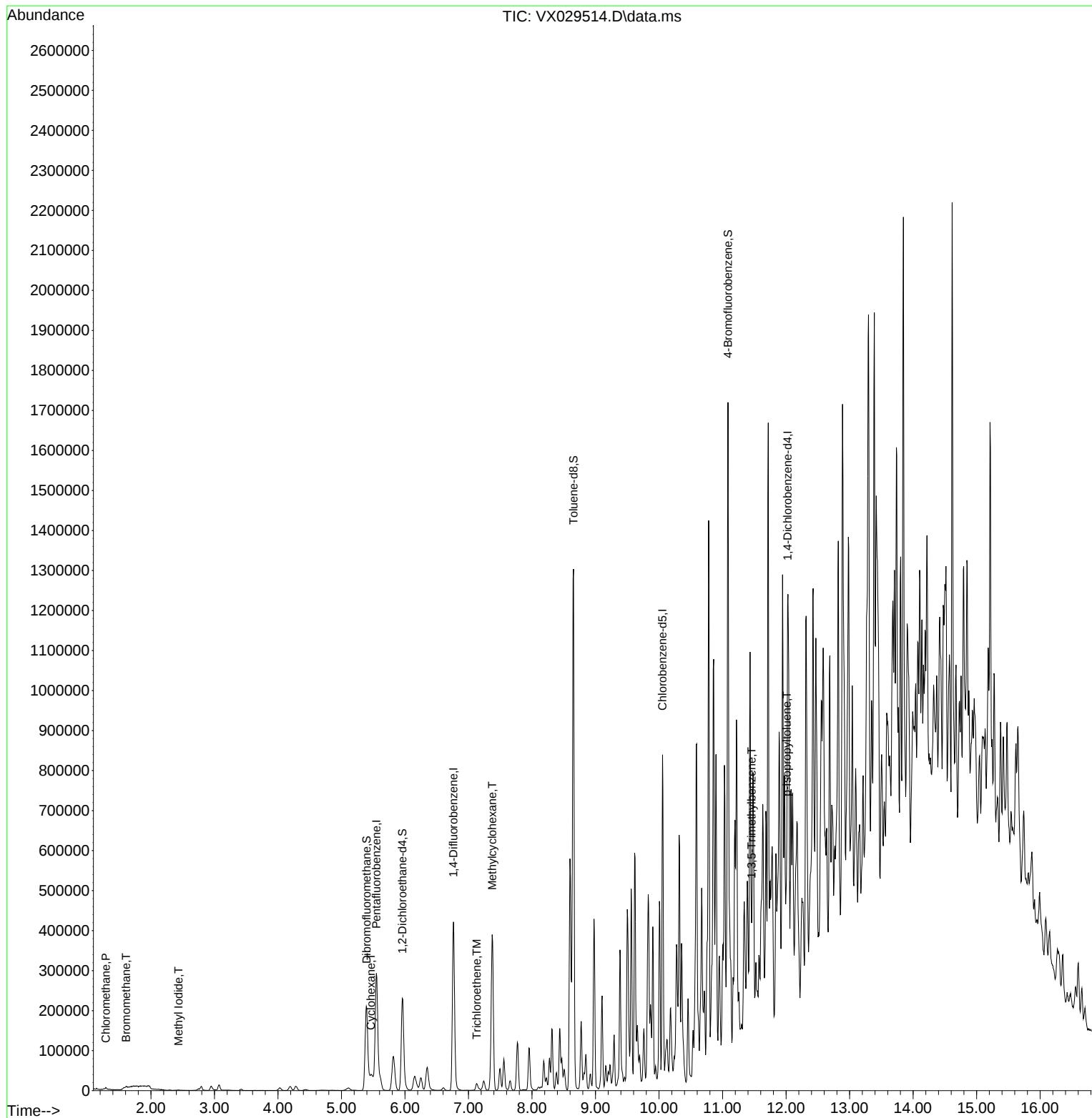
Internal Standards						
1) Pentafluorobenzene	5.550	168	285931	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	240795	55.517	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 111.040%	
35) Dibromofluoromethane	5.397	113	198421	50.365	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.720%	
50) Toluene-d8	8.653	98	786223	56.426	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 112.860%	
62) 4-Bromofluorobenzene	11.085	95	293512	53.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.660%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	2131	0.440	ug/l	90
5) Bromomethane	1.605	94	1043	0.387	ug/l	83
10) Methyl Iodide	2.434	142	571	1.337	ug/l #	90
31) Cyclohexane	5.464	56	23656	3.052	ug/l #	79
39) Methylcyclohexane	7.373	83	187300	23.366	ug/l	95
44) Trichloroethene	7.129	130	6509	1.234	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	50456	4.360	ug/l	98
86) p-Isopropyltoluene	12.012	119	40605	3.513	ug/l	96

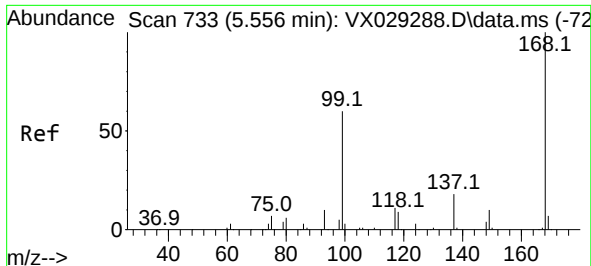
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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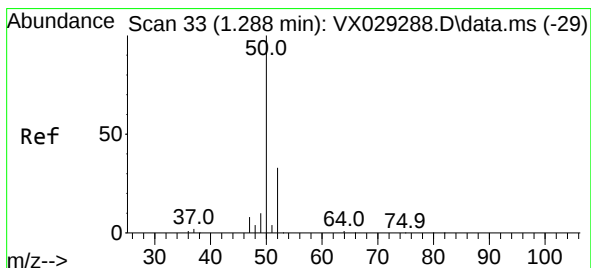
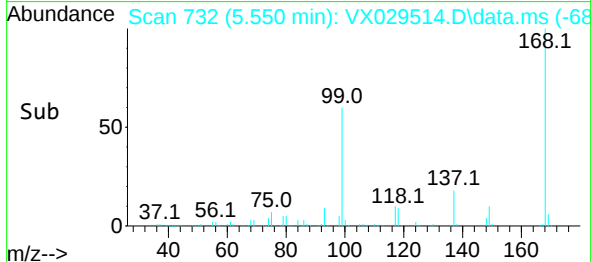
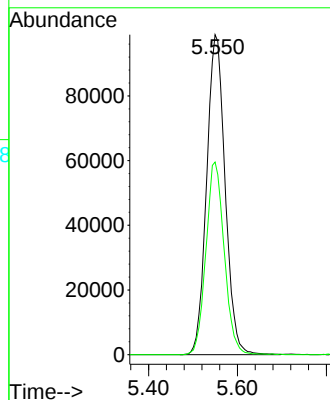
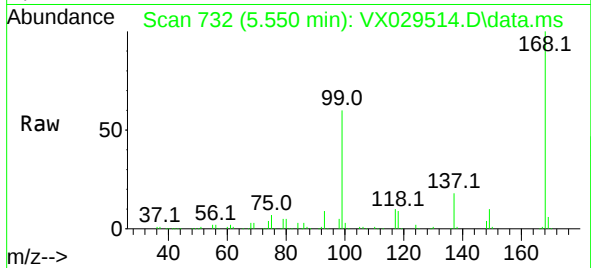




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX029514.D
Acq: 15 Jun 2022 18:41

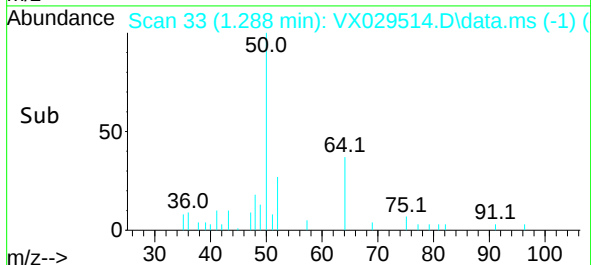
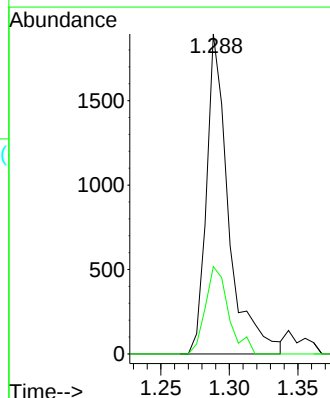
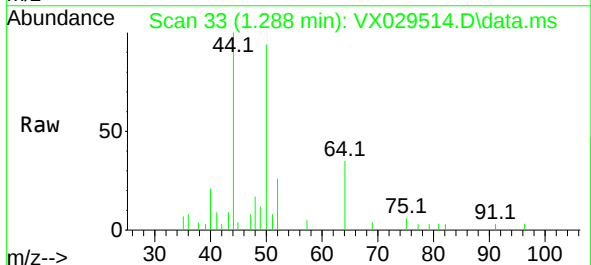
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-6

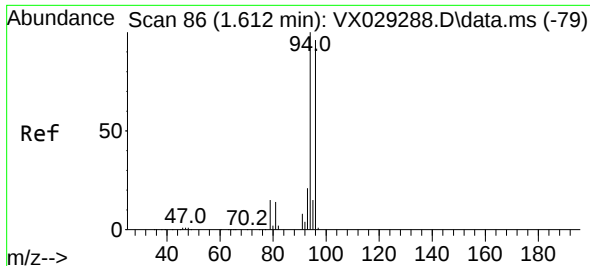
Tgt Ion:168 Resp: 285931
Ion Ratio Lower Upper
168 100
99 60.2 41.7 62.5



#3
Chloromethane
Concen: 0.440 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX029514.D
Acq: 15 Jun 2022 18:41

Tgt Ion: 50 Resp: 2131
Ion Ratio Lower Upper
50 100
52 27.3 26.4 39.6

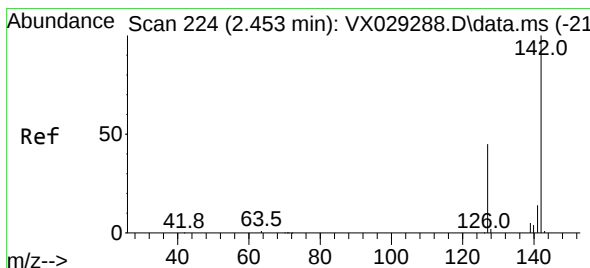
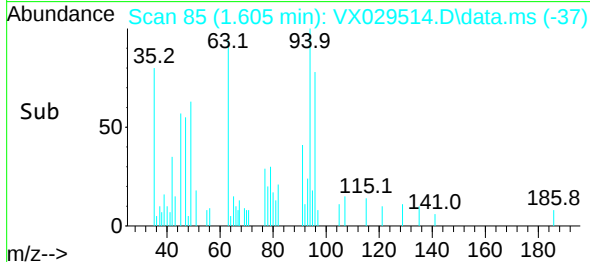
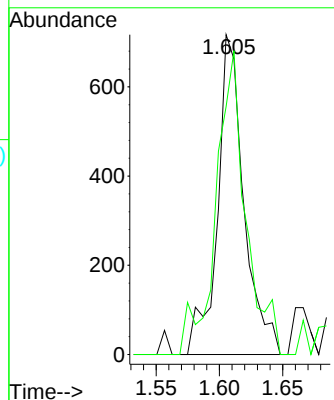
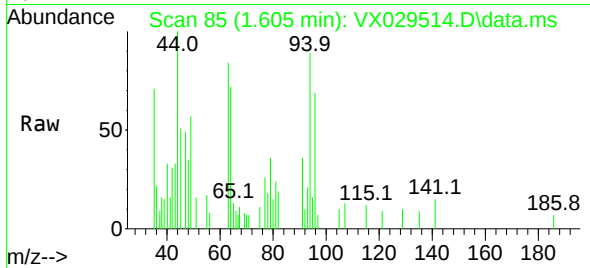




#5
Bromomethane
Concen: 0.387 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.007 min
Lab File: VX029514.D
Acq: 15 Jun 2022 18:41

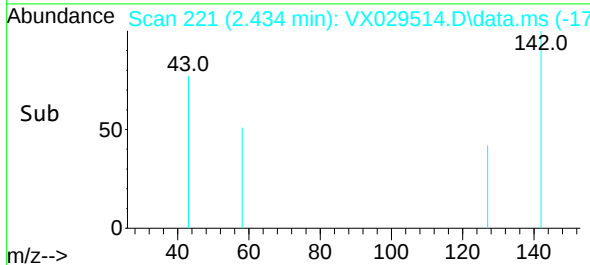
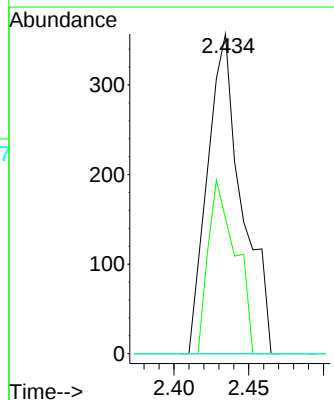
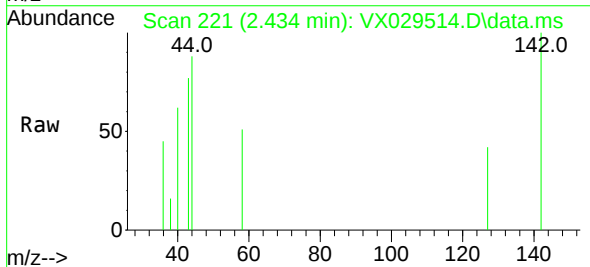
Instrument :
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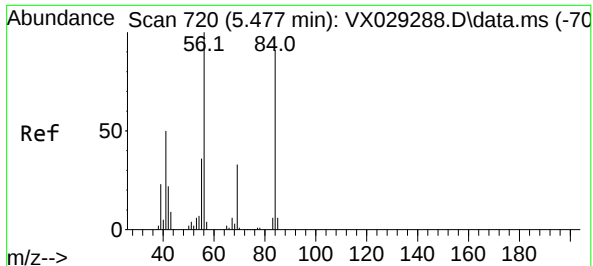
Tgt Ion: 94 Resp: 1043
Ion Ratio Lower Upper
94 100
96 77.5 75.3 112.9



#10
Methyl Iodide
Concen: 1.337 ug/l
RT: 2.434 min Scan# 221
Delta R.T. -0.019 min
Lab File: VX029514.D
Acq: 15 Jun 2022 18:41

Tgt Ion: 142 Resp: 571
Ion Ratio Lower Upper
142 100
127 43.3 33.9 50.9
141 0.0 11.4 17.2#

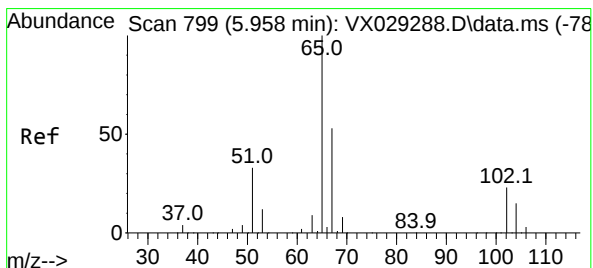
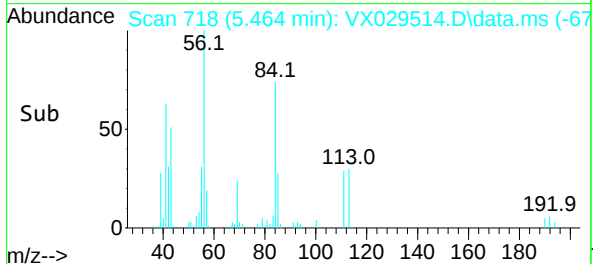
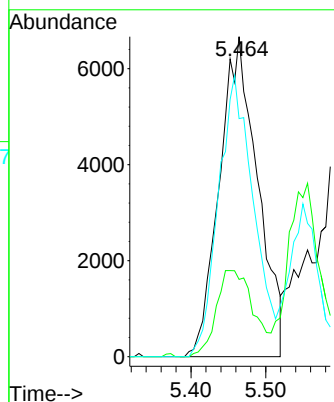
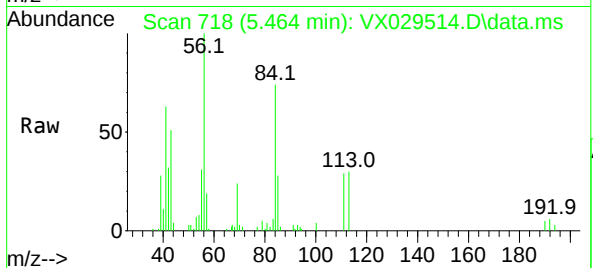




#31
Cyclohexane
Concen: 3.052 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.012 min
Lab File: VX029514.D
Acq: 15 Jun 2022 18:41

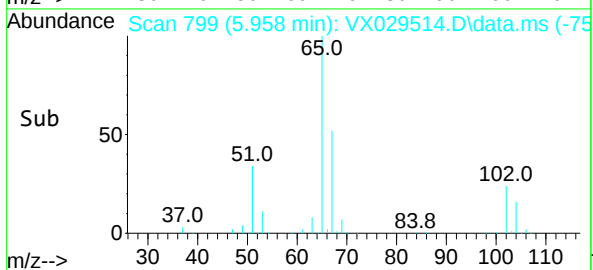
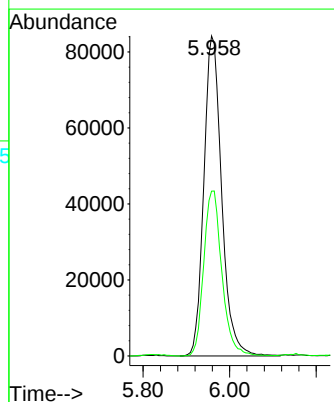
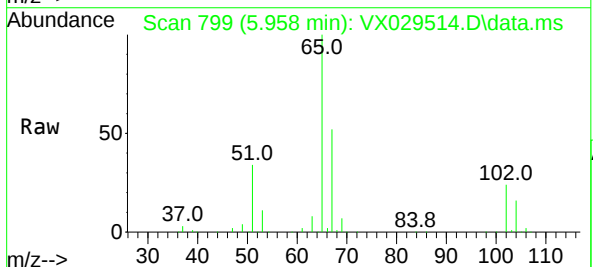
Instrument :
MSVOA_X
ClientSampleId :
WC-14A-1A-6

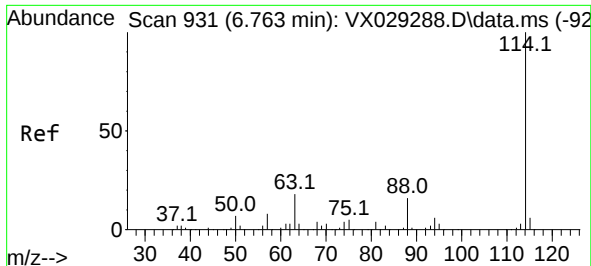
Tgt Ion: 56 Resp: 23656
Ion Ratio Lower Upper
56 100
69 24.1 26.7 40.1#
84 74.4 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 55.517 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029514.D
Acq: 15 Jun 2022 18:41

Tgt Ion: 65 Resp: 240795
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.4

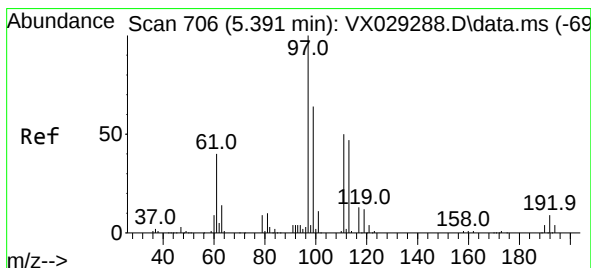
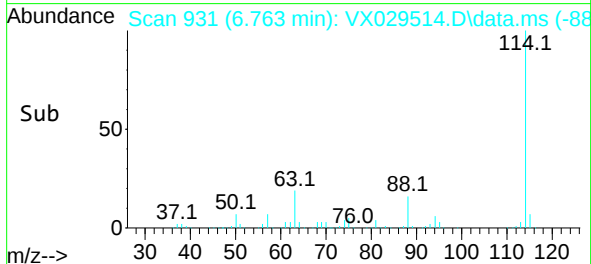
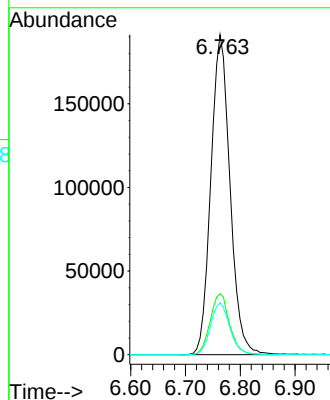
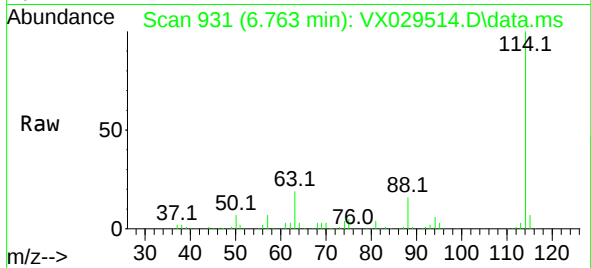




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029514.D
Acq: 15 Jun 2022 18:41

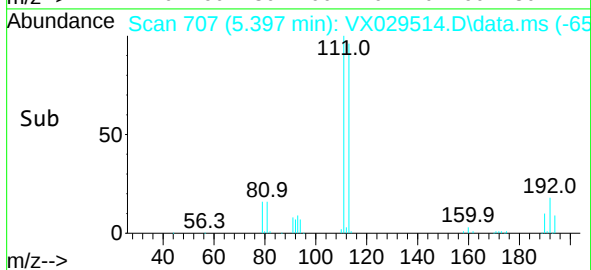
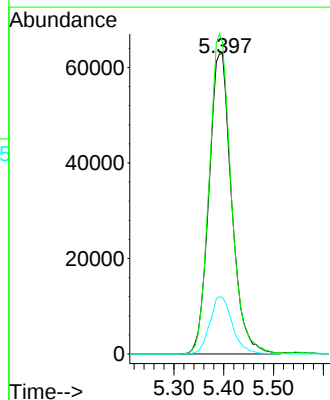
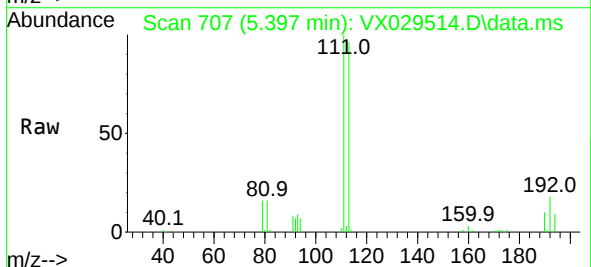
Instrument :
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ClientSampleId :
WC-14A-1A-6

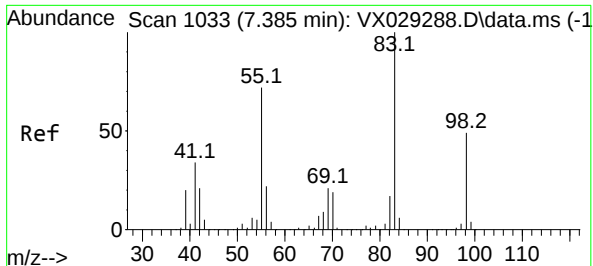
Tgt Ion:114 Resp: 463417
Ion Ratio Lower Upper
114 100
63 19.1 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 50.365 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX029514.D
Acq: 15 Jun 2022 18:41

Tgt Ion:113 Resp: 198421
Ion Ratio Lower Upper
113 100
111 103.5 82.8 124.2
192 19.0 16.9 25.3





#39

Methylcyclohexane

Concen: 23.366 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX029514.D

Acq: 15 Jun 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-6

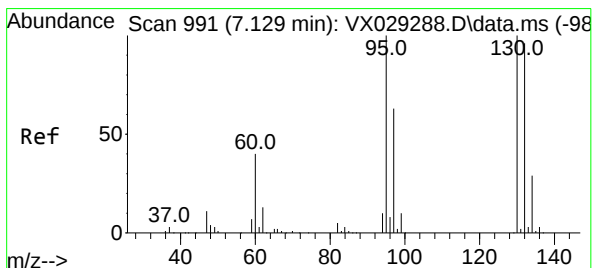
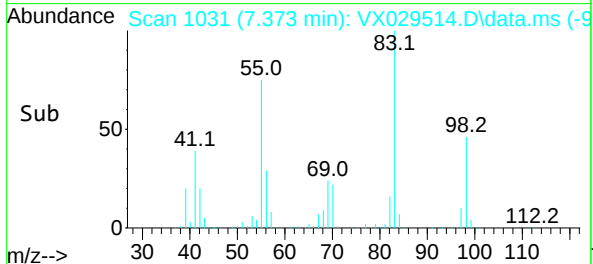
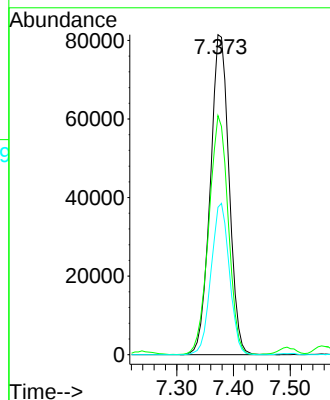
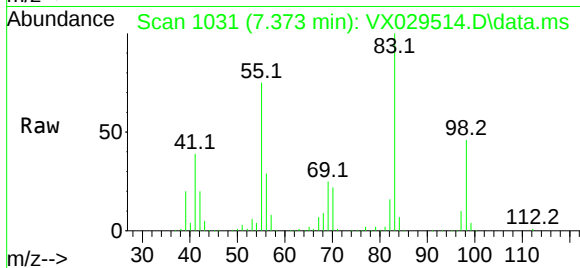
Tgt Ion: 83 Resp: 187300

Ion Ratio Lower Upper

83 100

55 74.6 54.6 81.8

98 46.1 37.4 56.2



#44

Trichloroethene

Concen: 1.234 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029514.D

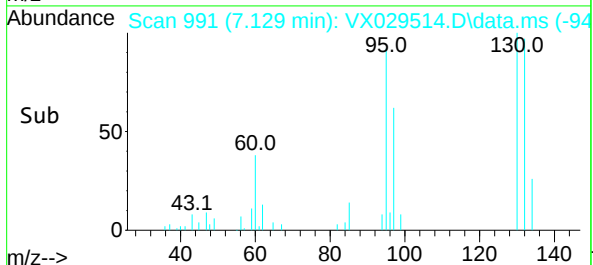
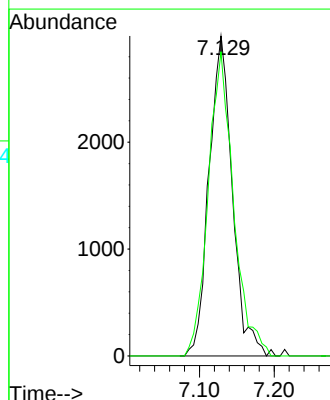
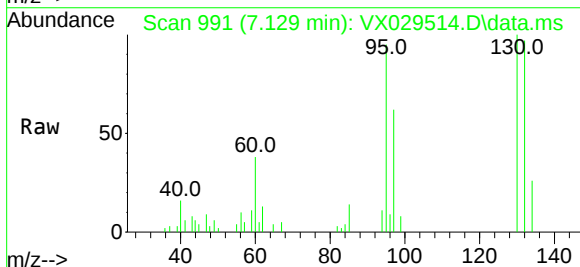
Acq: 15 Jun 2022 18:41

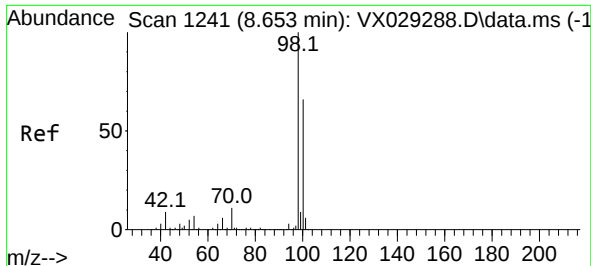
Tgt Ion:130 Resp: 6509

Ion Ratio Lower Upper

130 100

95 95.1 0.0 188.8

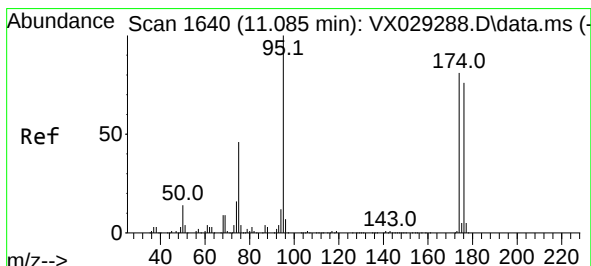
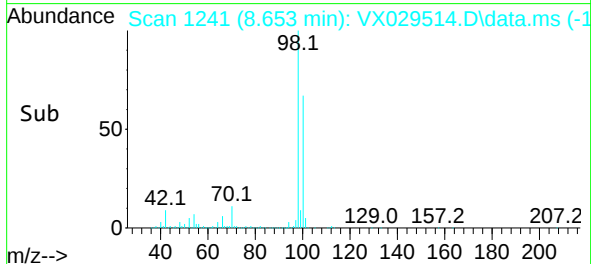
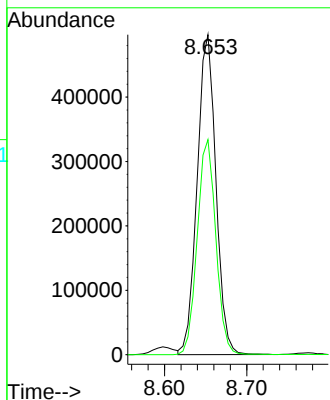
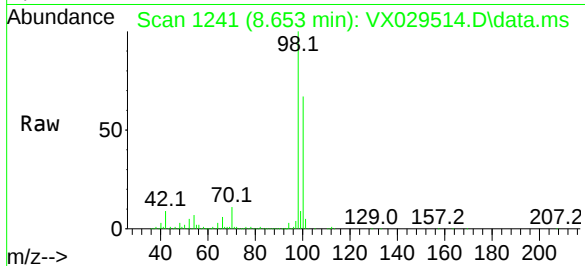




#50
Toluene-d8
Concen: 56.426 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029514.D
Acq: 15 Jun 2022 18:41

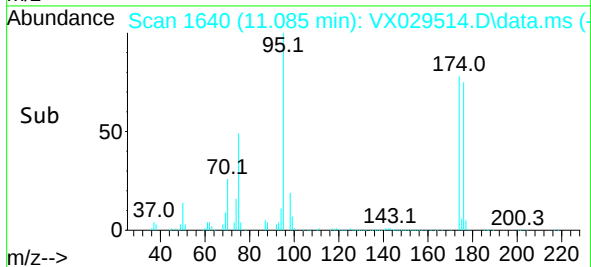
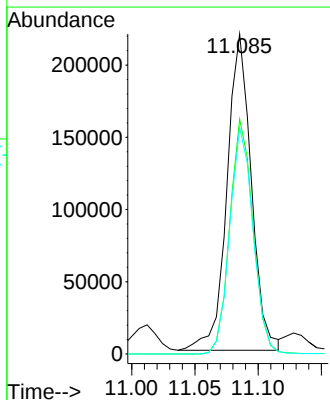
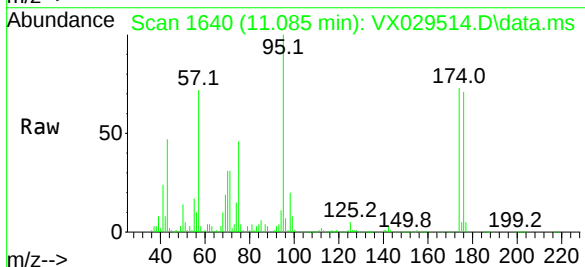
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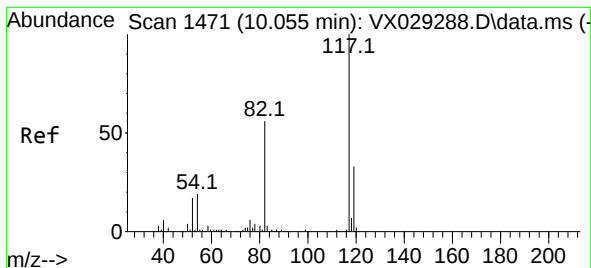
Tgt Ion: 98 Resp: 786223
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.829 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029514.D
Acq: 15 Jun 2022 18:41

Tgt Ion: 95 Resp: 293512
Ion Ratio Lower Upper
95 100
174 70.7 0.0 163.0
176 68.8 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: VX029514.D

Acq: 15 Jun 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

WC-14A-1A-6

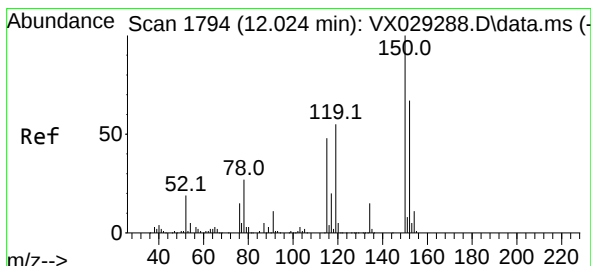
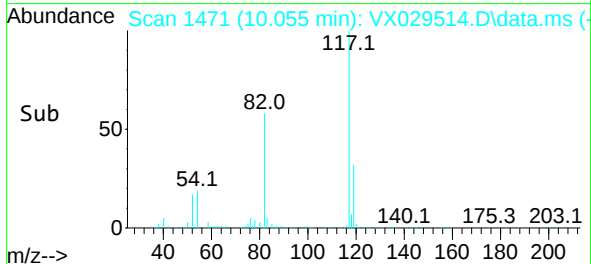
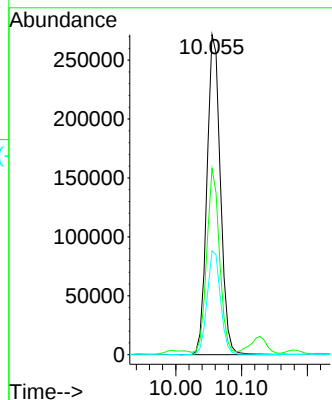
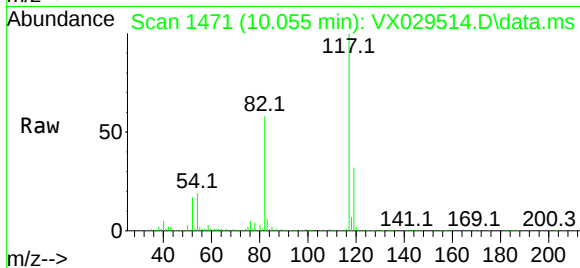
Tgt Ion:117 Resp: 385993

Ion Ratio Lower Upper

117 100

82 57.8 41.8 62.8

119 32.5 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX029514.D

Acq: 15 Jun 2022 18:41

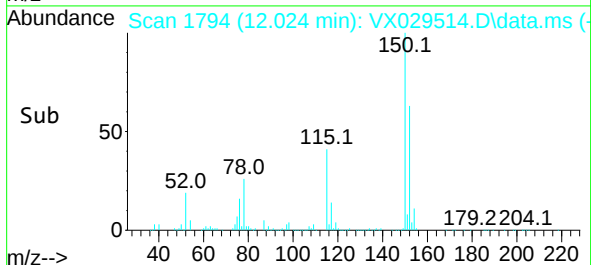
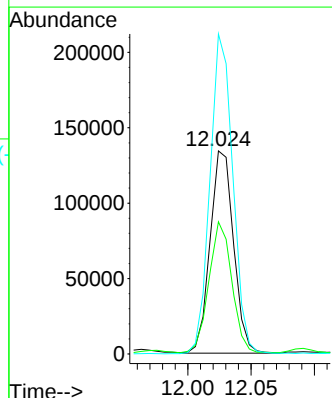
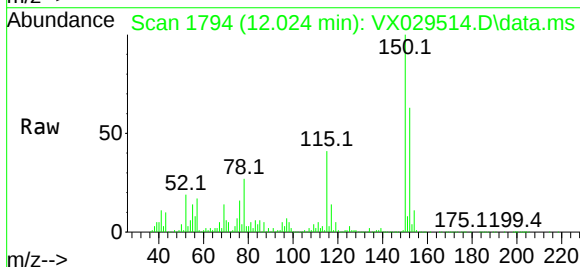
Tgt Ion:152 Resp: 173113

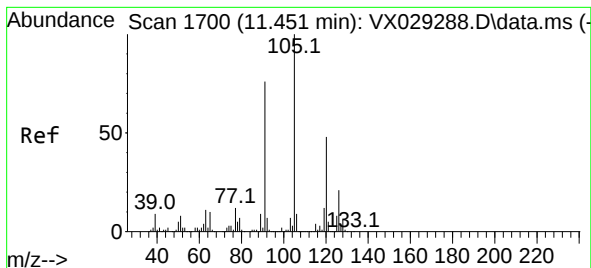
Ion Ratio Lower Upper

152 100

115 63.5 37.5 112.7

150 153.7 0.0 338.2





#80

1,3,5-Trimethylbenzene

Concen: 4.360 ug/l

RT: 11.457 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX029514.D

Acq: 15 Jun 2022 18:41

Instrument :

MSVOA_X

ClientSampleId :

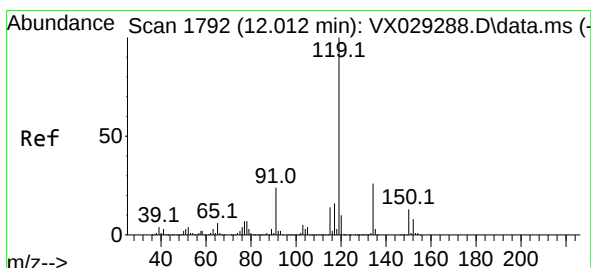
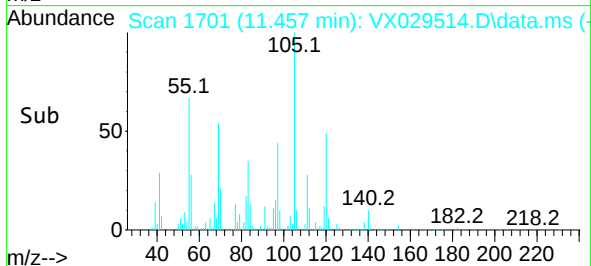
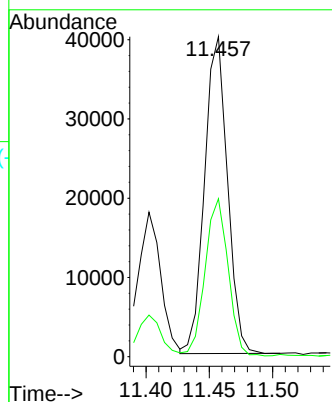
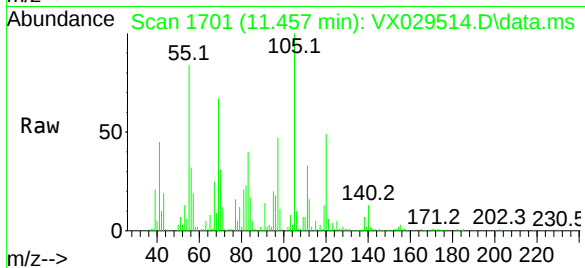
WC-14A-1A-6

Tgt Ion:105 Resp: 50456

Ion Ratio Lower Upper

105 100

120 49.8 24.3 72.9



#86

p-Isopropyltoluene

Concen: 3.513 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. -0.000 min

Lab File: VX029514.D

Acq: 15 Jun 2022 18:41

Tgt Ion:119 Resp: 40605

Ion Ratio Lower Upper

119 100

134 26.7 13.0 39.0

91 26.2 11.3 33.9

