

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031574.D
 Acq On : 22 Sep 2022 16:44
 Operator : JC/MD
 Sample : N4609-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN002

Quant Time: Sep 22 18:00:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

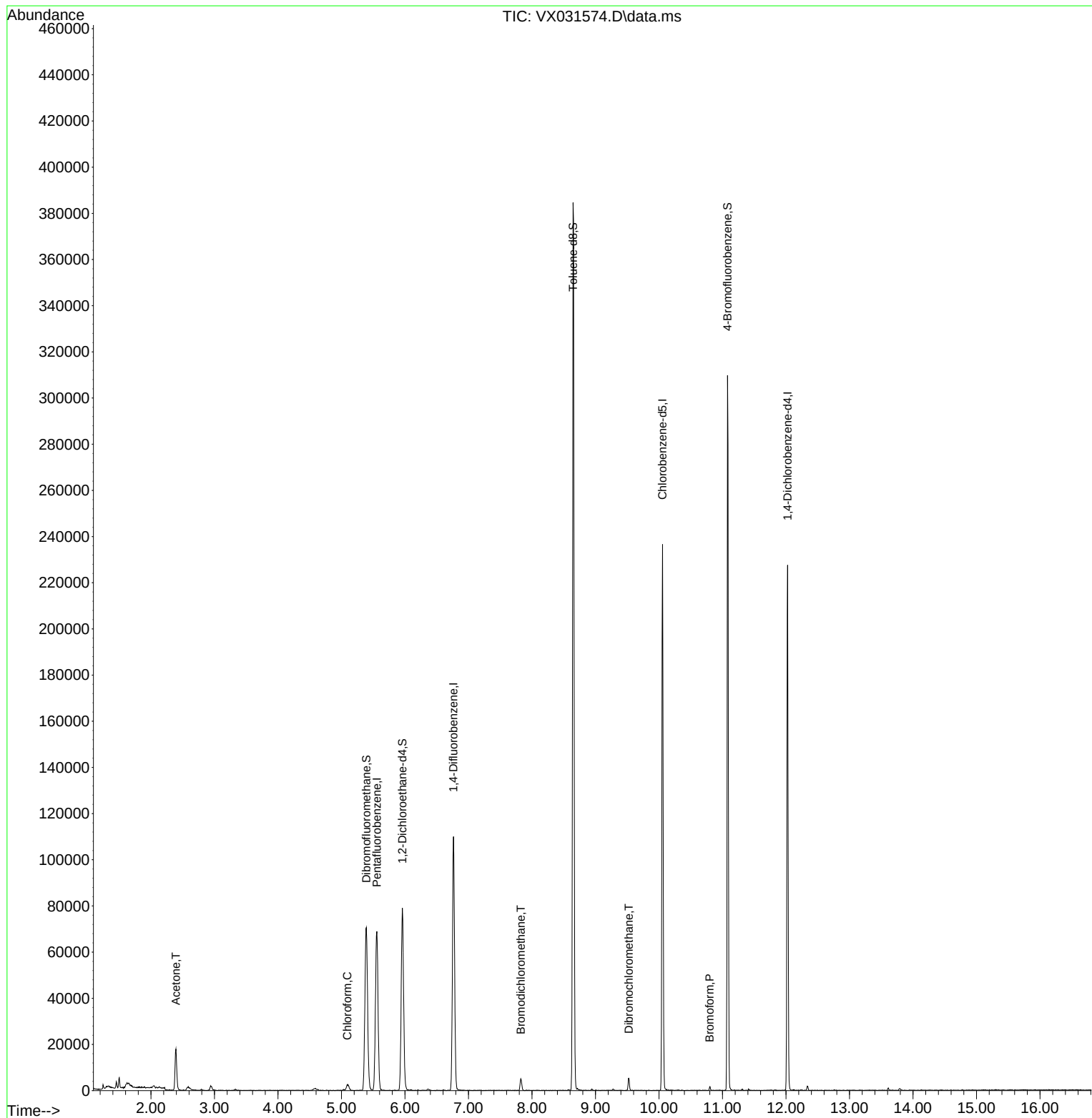
Internal Standards						
1) Pentafluorobenzene	5.556	168	68045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	112246	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	102799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69202	55.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.940%
35) Dibromofluoromethane	5.391	113	59038	50.900	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.800%
50) Toluene-d8	8.647	98	223036	49.874	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.740%
62) 4-Bromofluorobenzene	11.079	95	68355	45.125	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.240%
Target Compounds						
					Qvalue	
16) Acetone	2.392	43	21143	30.868	ug/l	97
30) Chloroform	5.093	83	3038	1.310	ug/l	97
47) Bromodichloromethane	7.824	83	3225	1.665	ug/l #	91
60) Dibromochloromethane	9.525	129	2269	1.494	ug/l	91
71) Bromoform	10.799	173	478	0.522	ug/l #	95

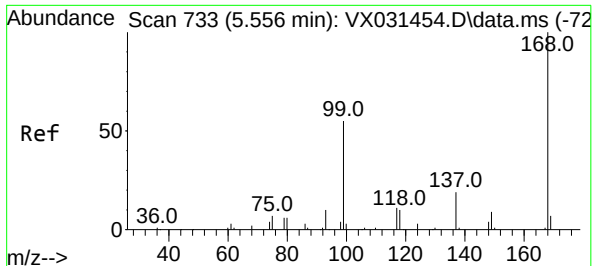
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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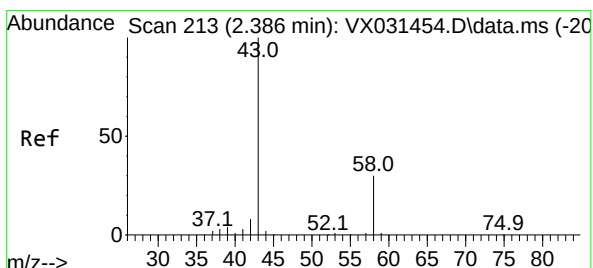
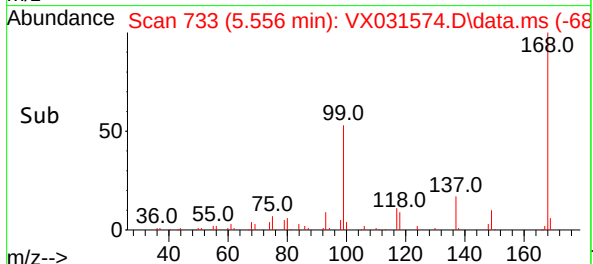
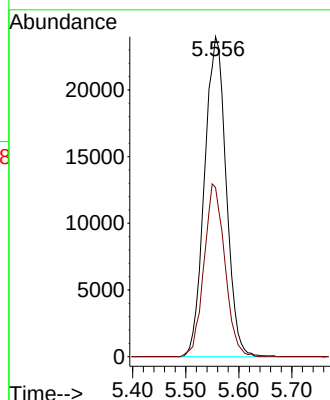
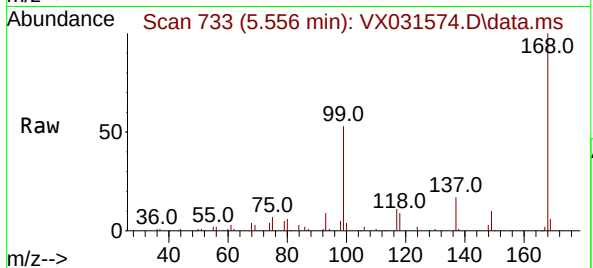




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031574.D
Acq: 22 Sep 2022 16:44

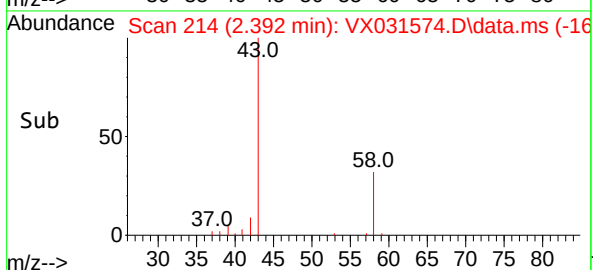
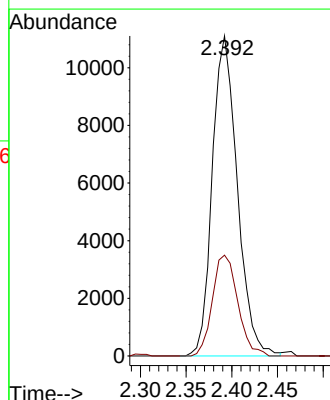
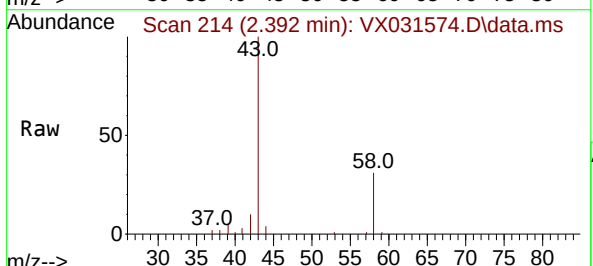
Instrument :
MSVOA_X
ClientSampleId :
DSN002

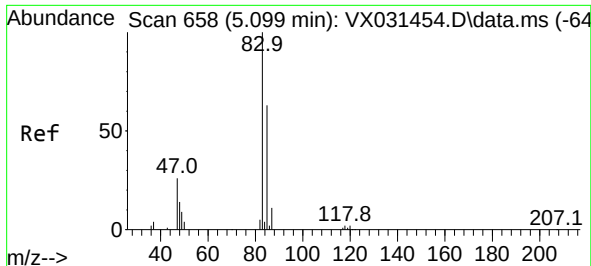
Tgt Ion:168 Resp: 68045
Ion Ratio Lower Upper
168 100
99 52.8 48.8 73.2



#16
Acetone
Concen: 30.868 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031574.D
Acq: 22 Sep 2022 16:44

Tgt Ion: 43 Resp: 21143
Ion Ratio Lower Upper
43 100
58 31.5 23.8 35.8





#30

Chloroform

Concen: 1.310 ug/l

RT: 5.093 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX031574.D

Acq: 22 Sep 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

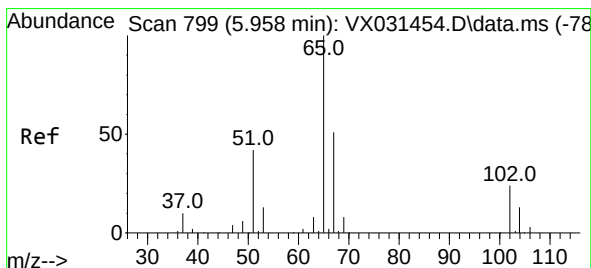
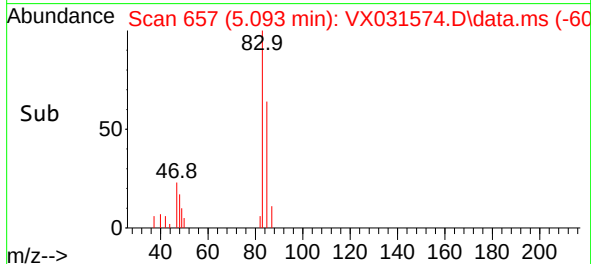
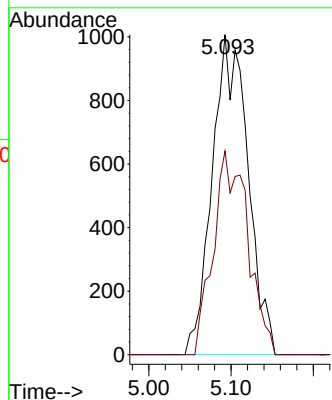
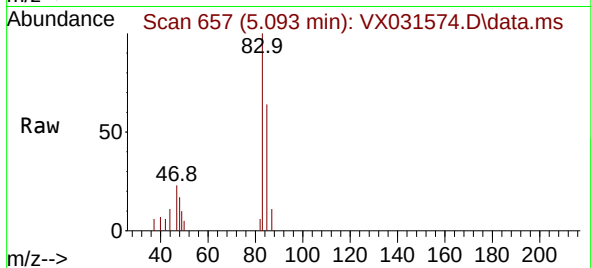
DSN002

Tgt Ion: 83 Resp: 3038

Ion Ratio Lower Upper

83 100

85 63.7 52.8 79.2



#33

1,2-Dichloroethane-d4

Concen: 55.469 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031574.D

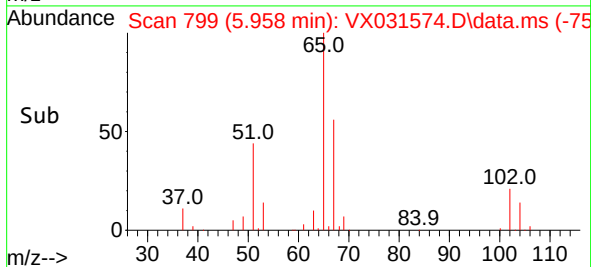
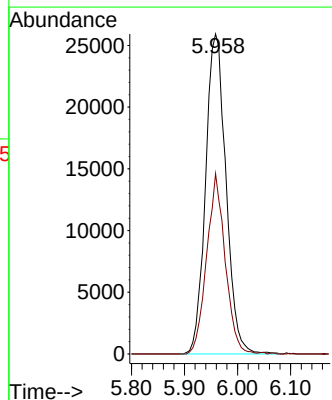
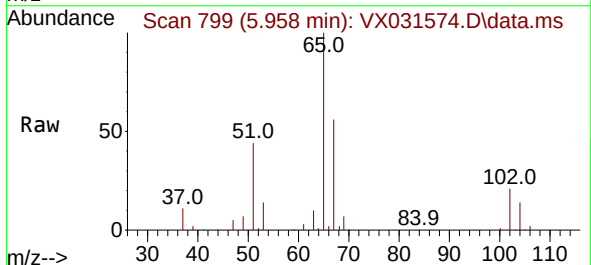
Acq: 22 Sep 2022 16:44

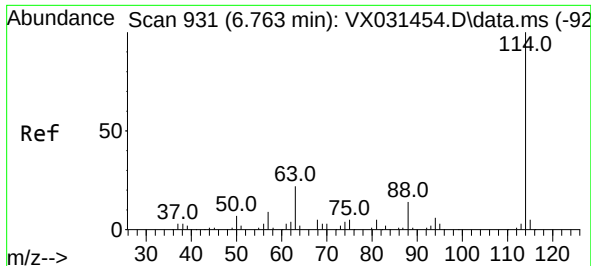
Tgt Ion: 65 Resp: 69202

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.4

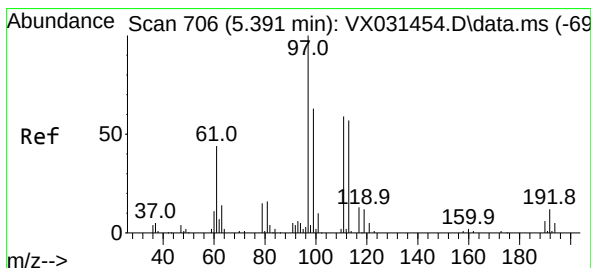
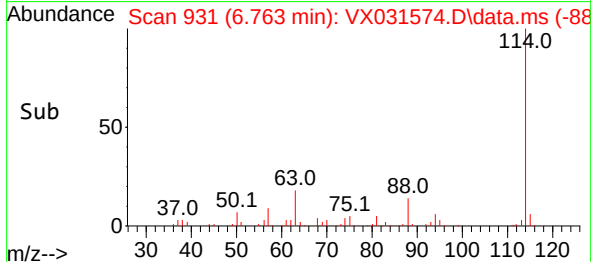
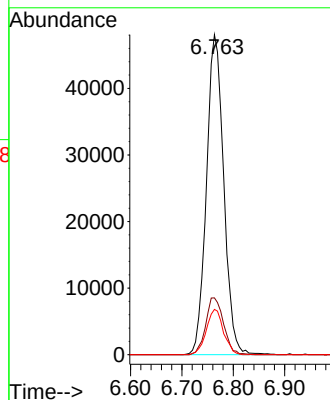
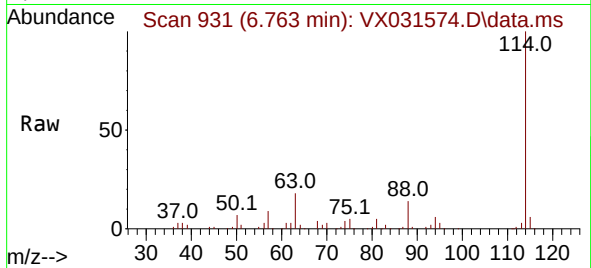




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031574.D
Acq: 22 Sep 2022 16:44

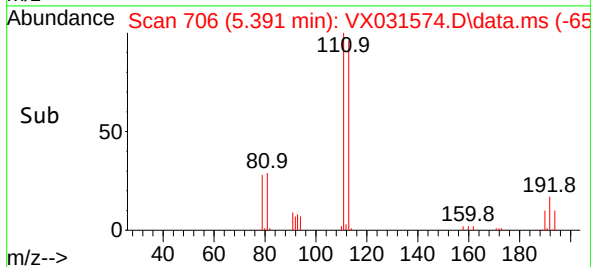
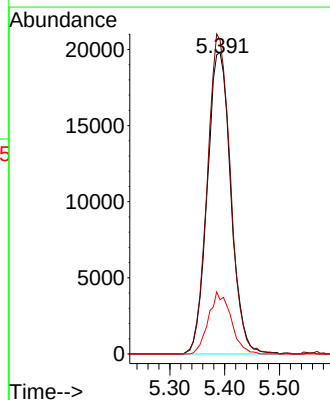
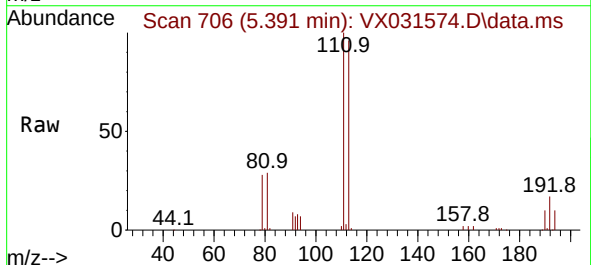
Instrument :
MSVOA_X
ClientSampleId :
DSN002

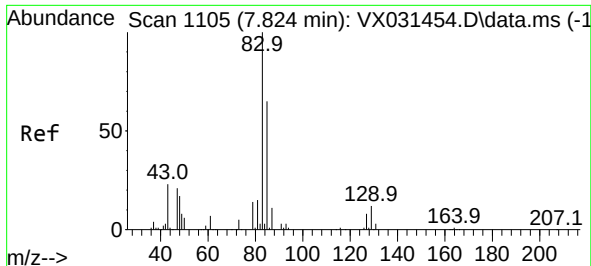
Tgt Ion:114 Resp: 112246
Ion Ratio Lower Upper
114 100
63 17.7 0.0 42.6
88 14.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.900 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031574.D
Acq: 22 Sep 2022 16:44

Tgt Ion:113 Resp: 59038
Ion Ratio Lower Upper
113 100
111 103.8 82.4 123.6
192 19.6 14.1 21.1

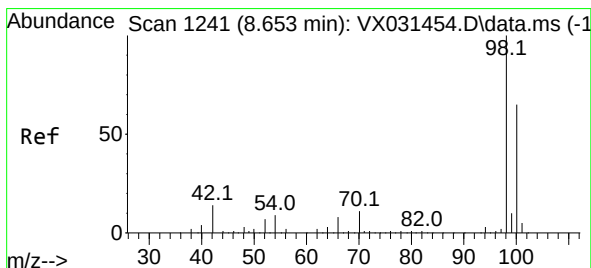
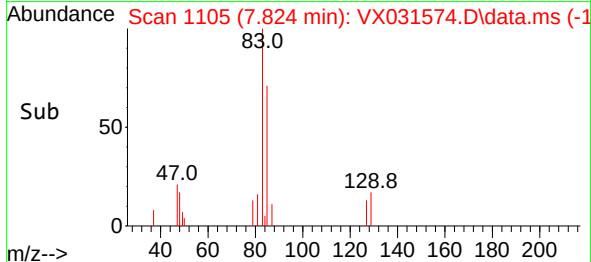
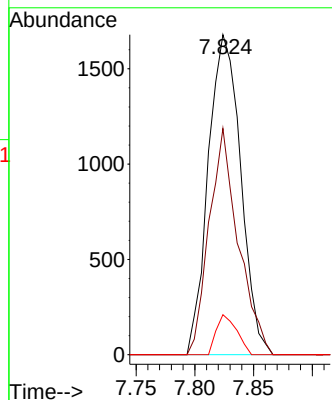
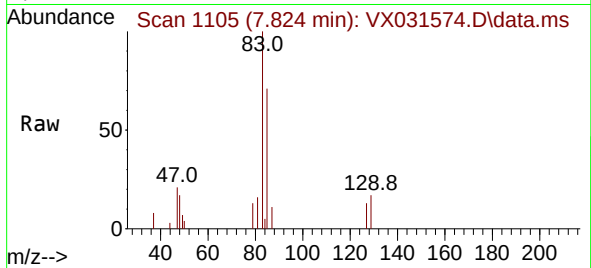




#47
Bromodichloromethane
Concen: 1.665 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX031574.D
Acq: 22 Sep 2022 16:44

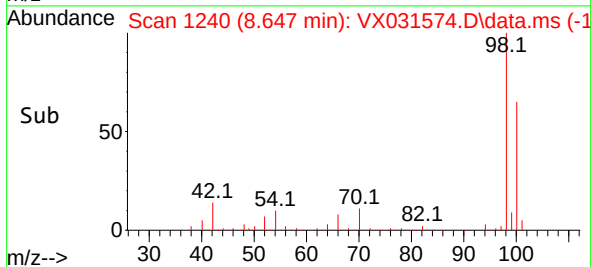
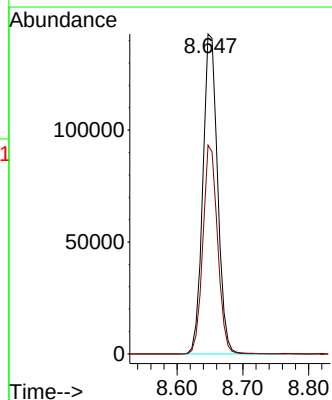
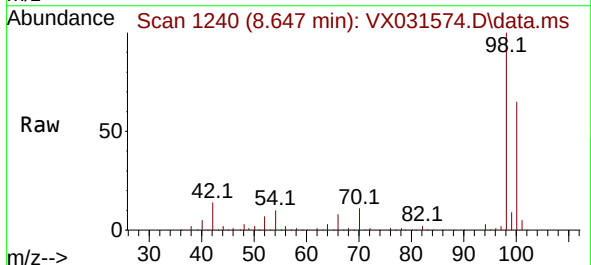
Instrument :
MSVOA_X
ClientSampleId :
DSN002

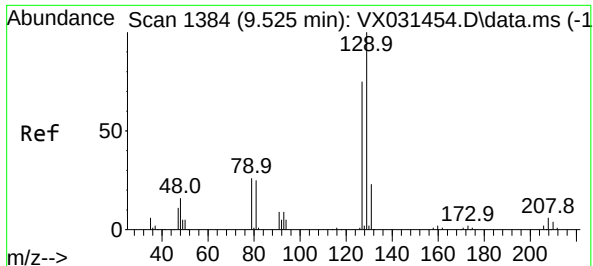
Tgt Ion: 83 Resp: 3225
Ion Ratio Lower Upper
83 100
85 70.7 51.0 76.6
127 12.5 7.0 10.6#



#50
Toluene-d8
Concen: 49.874 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031574.D
Acq: 22 Sep 2022 16:44

Tgt Ion: 98 Resp: 223036
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7





#60

Dibromochloromethane

Concen: 1.494 ug/l

RT: 9.525 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031574.D

Acq: 22 Sep 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

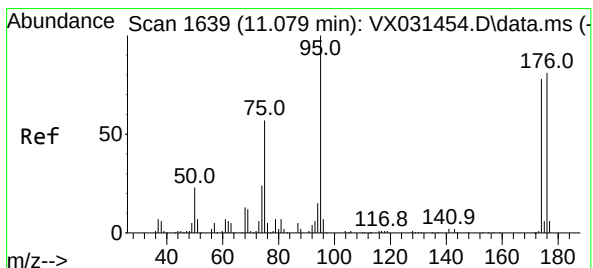
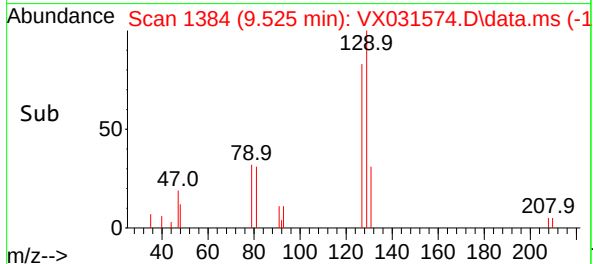
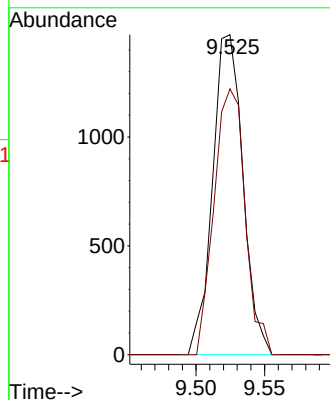
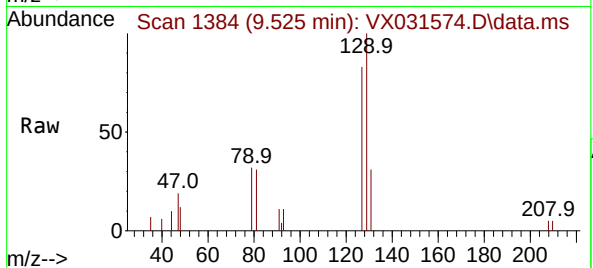
DSN002

Tgt Ion:129 Resp: 2269

Ion Ratio Lower Upper

129 100

127 84.8 38.7 116.1



#62

4-Bromofluorobenzene

Concen: 45.125 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031574.D

Acq: 22 Sep 2022 16:44

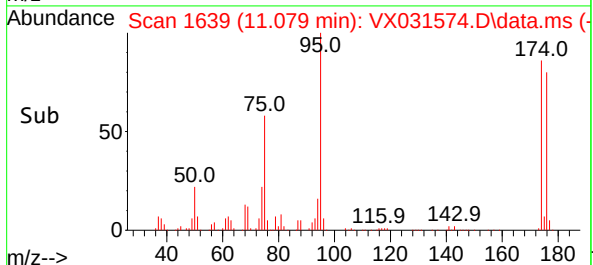
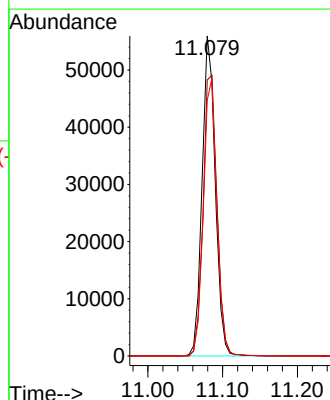
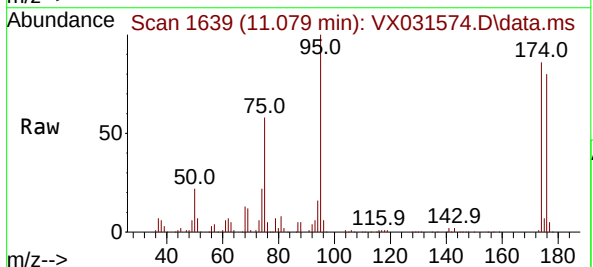
Tgt Ion: 95 Resp: 68355

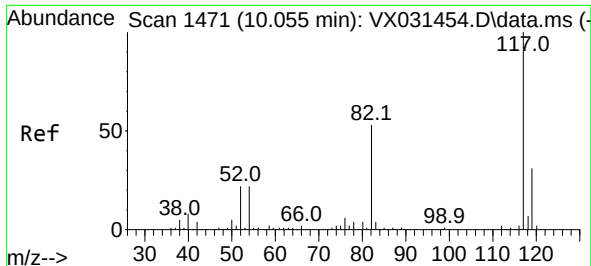
Ion Ratio Lower Upper

95 100

174 92.6 0.0 153.2

176 89.1 0.0 144.0

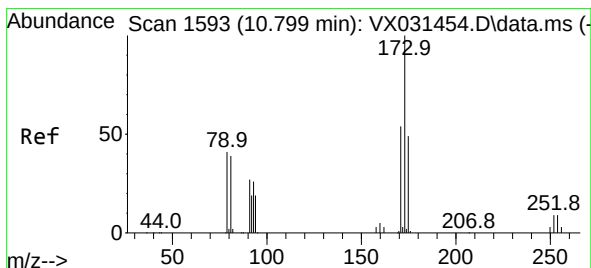
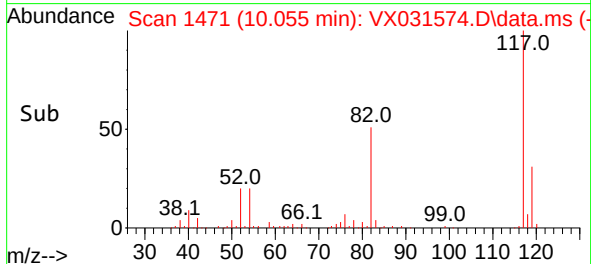
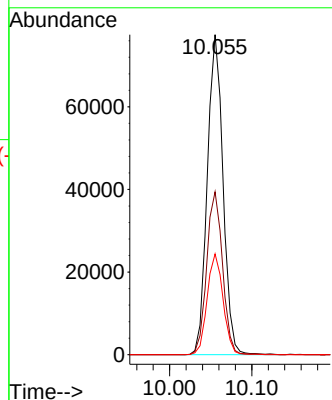
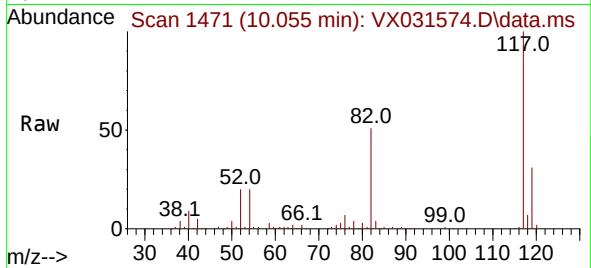




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031574.D
Acq: 22 Sep 2022 16:44

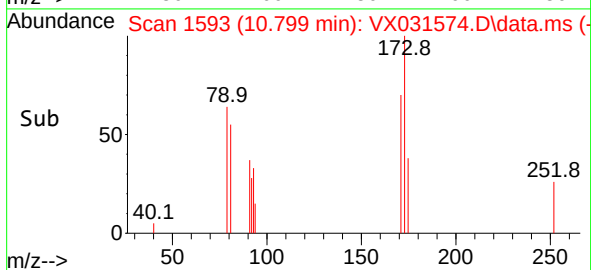
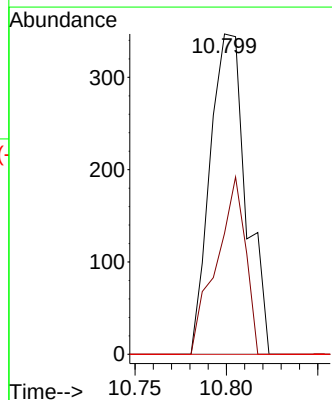
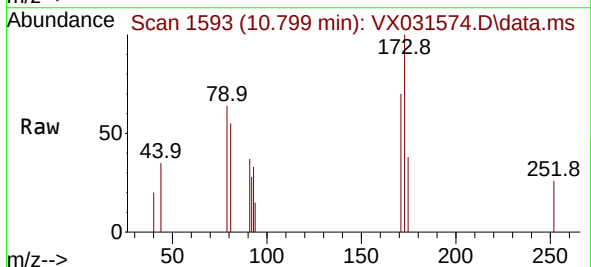
Instrument :
MSVOA_X
ClientSampleId :
DSN002

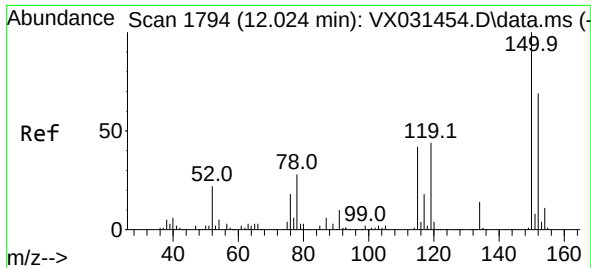
Tgt Ion:117 Resp: 102799
Ion Ratio Lower Upper
117 100
82 50.9 46.8 70.2
119 31.5 26.4 39.6



#71
Bromoform
Concen: 0.522 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX031574.D
Acq: 22 Sep 2022 16:44

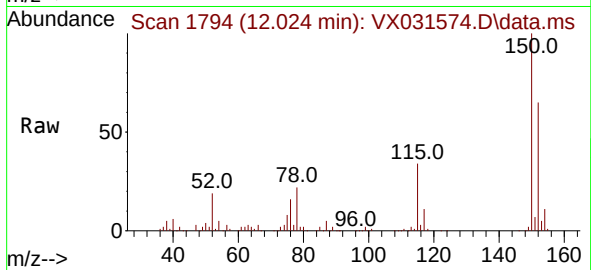
Tgt Ion:173 Resp: 478
Ion Ratio Lower Upper
173 100
175 44.6 24.0 72.0
254 0.0 0.0 0.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031574.D
 Acq: 22 Sep 2022 16:44

Instrument :
 MSVOA_X
 ClientSampleId :
 DSN002



Tgt Ion:152 Resp: 45713
 Ion Ratio Lower Upper
 152 100
 115 55.6 43.4 130.1
 150 156.5 0.0 346.8

