

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031479.D
 Acq On : 19 Sep 2022 22:44
 Operator : JC/MD
 Sample : N4688-05RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW5-GW-478-480RE

Quant Time: Sep 20 09:51:17 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)

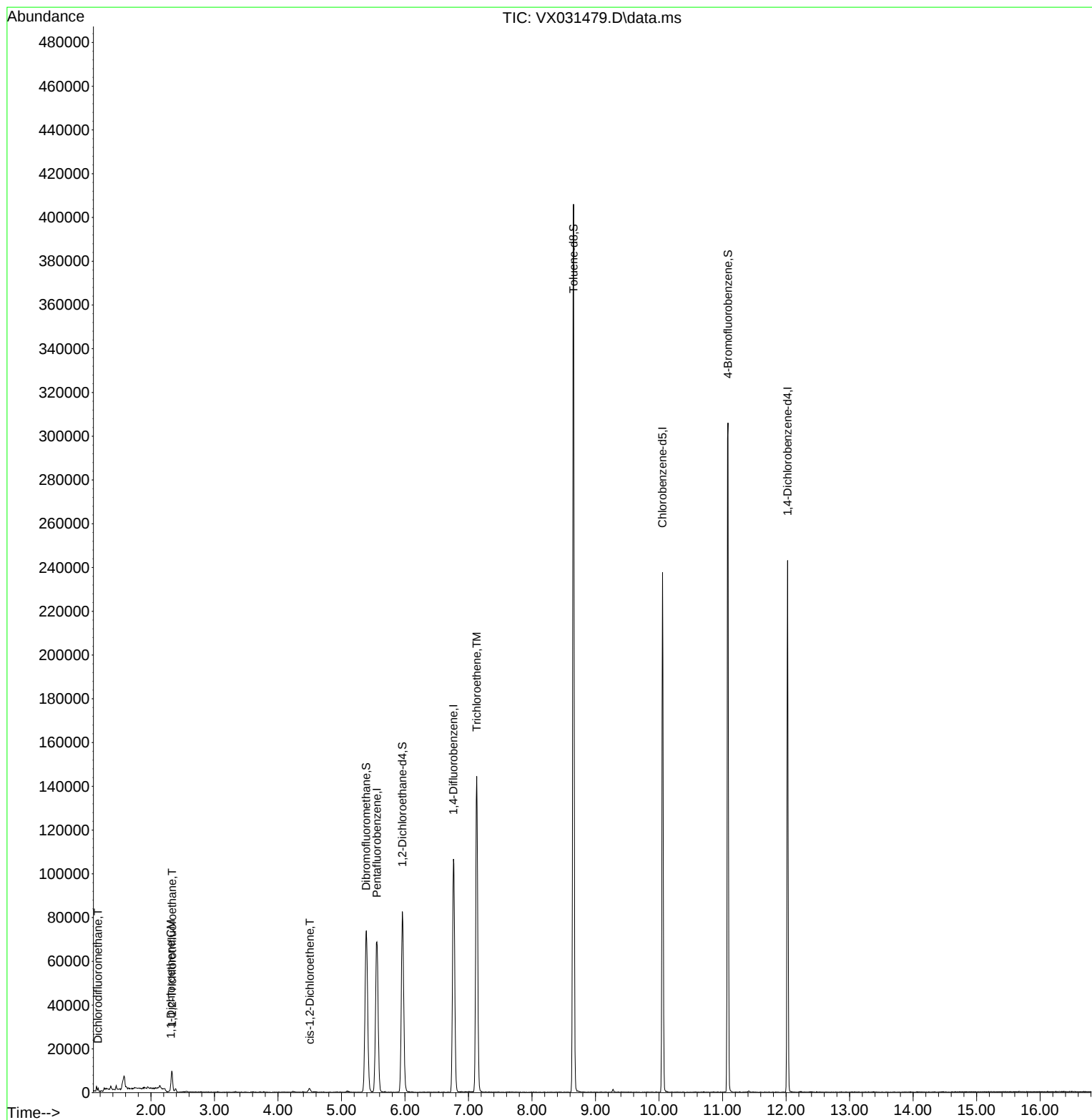
Internal Standards						
1) Pentafluorobenzene	5.556	168	67368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	110672	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	45055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72460	58.728	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.460%
35) Dibromofluoromethane	5.385	113	60399	52.842	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.680%
50) Toluene-d8	8.653	98	225501	51.142	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.280%
62) 4-Bromofluorobenzene	11.085	95	67143	44.955	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.920%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	607	0.627	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	3143	2.897	ug/l	90
12) 1,1-Dichloroethene	2.312	96	511	0.487	ug/l #	58
27) cis-1,2-Dichloroethene	4.501	96	1258	0.881	ug/l	66
44) Trichloroethene	7.129	130	52778	35.468	ug/l	96

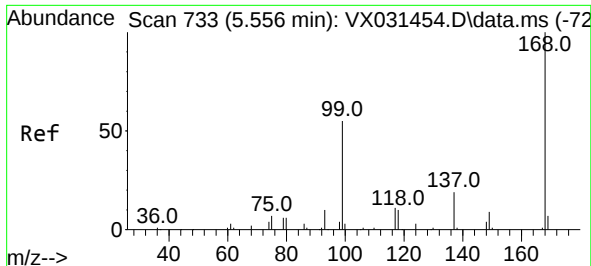
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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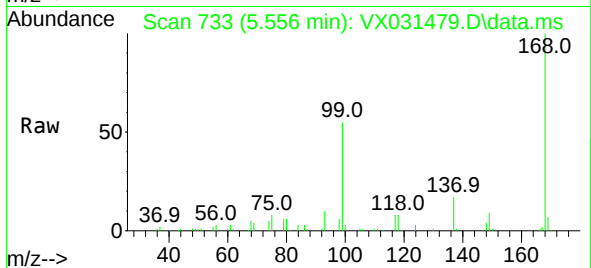
Quant Time: Sep 20 09:51:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
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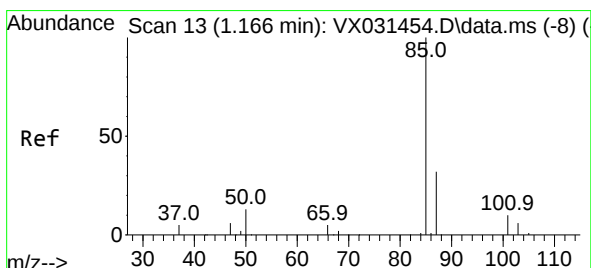
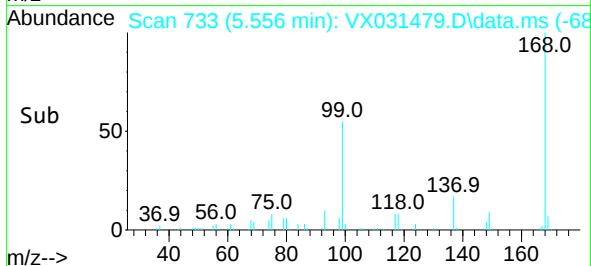
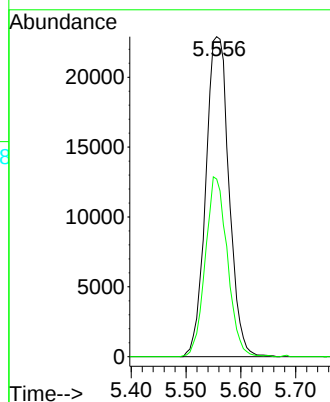


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031479.D
Acq: 19 Sep 2022 22:44

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-478-480RE

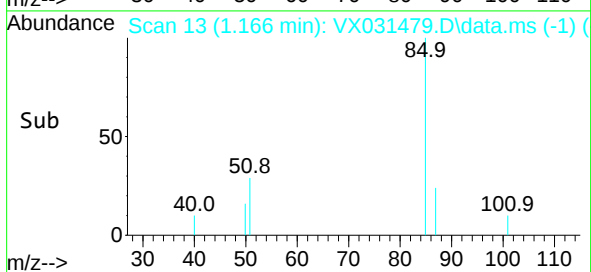
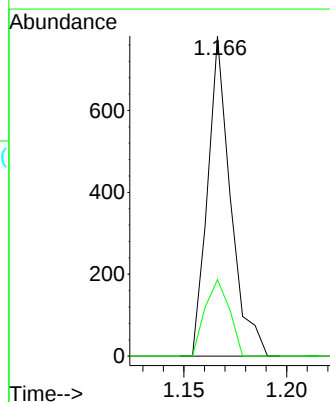
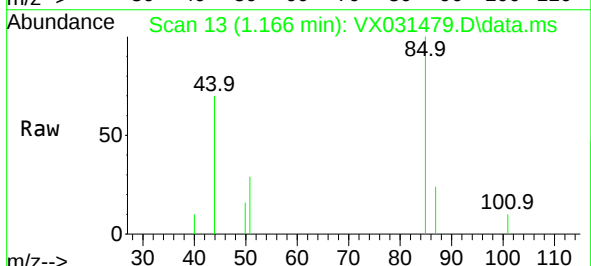


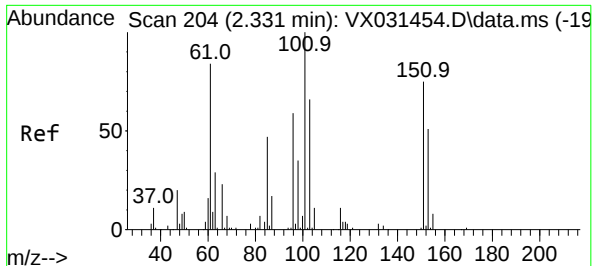
Tgt Ion:168 Resp: 67368
Ion Ratio Lower Upper
168 100
99 55.5 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 0.627 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX031479.D
Acq: 19 Sep 2022 22:44

Tgt Ion: 85 Resp: 607
Ion Ratio Lower Upper
85 100
87 23.9 15.8 47.4

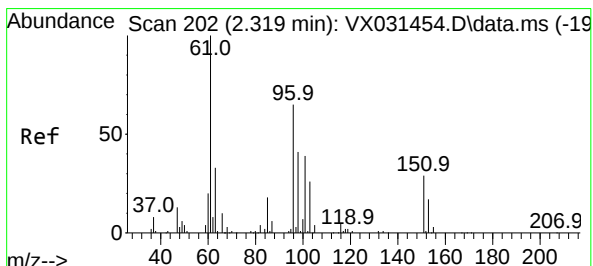
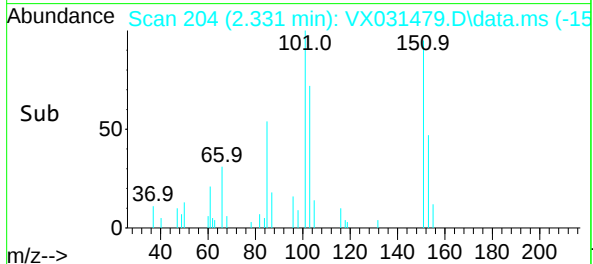
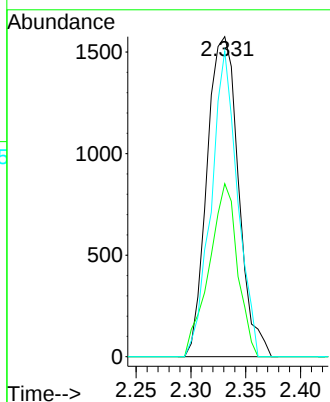
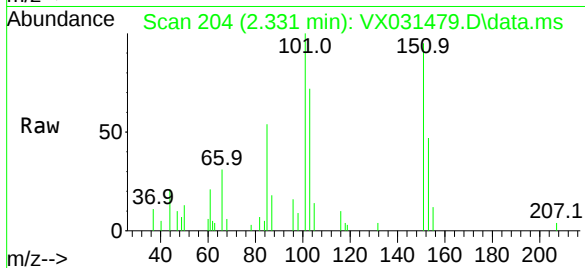




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.897 ug/l
RT: 2.331 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX031479.D
Acq: 19 Sep 2022 22:44

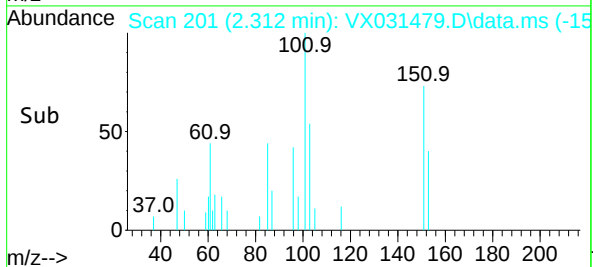
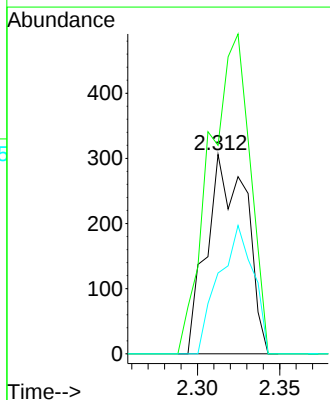
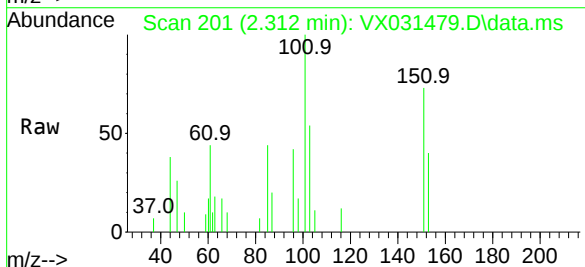
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW5-GW-478-480RE

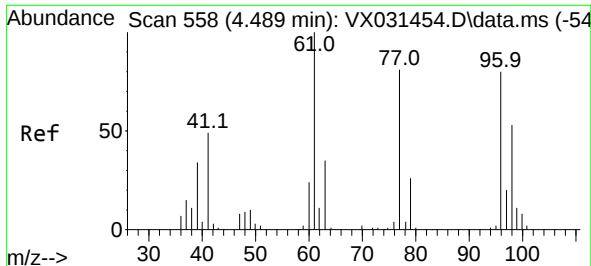
Tgt Ion:101 Resp: 3143
Ion Ratio Lower Upper
101 100
85 48.8 38.6 57.8
151 80.5 54.0 81.0



#12
1,1-Dichloroethene
Concen: 0.487 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.007 min
Lab File: VX031479.D
Acq: 19 Sep 2022 22:44

Tgt Ion: 96 Resp: 511
Ion Ratio Lower Upper
96 100
61 104.6 135.3 202.9#
98 40.5 49.4 74.2#





#27

cis-1,2-Dichloroethene

Concen: 0.881 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX031479.D

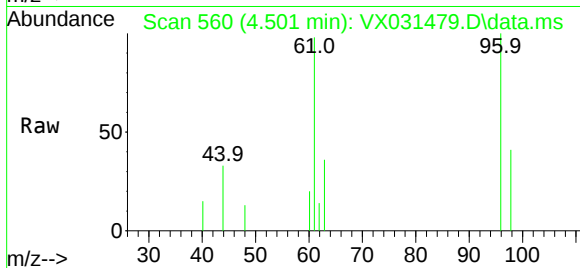
Acq: 19 Sep 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-478-480RE



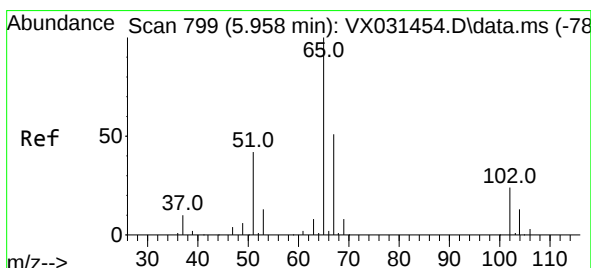
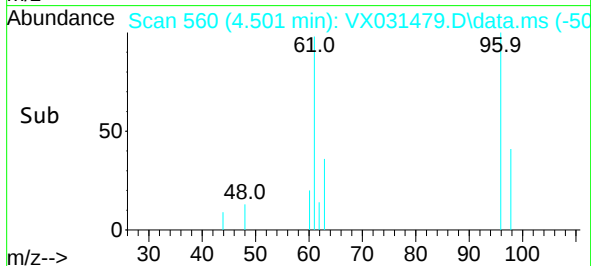
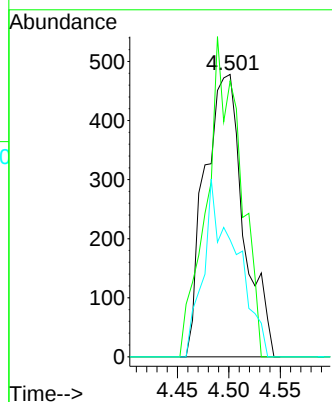
Tgt Ion: 96 Resp: 1258

Ion Ratio Lower Upper

96 100

61 97.9 0.0 305.2

98 52.5 0.0 128.4



#33

1,2-Dichloroethane-d4

Concen: 58.728 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031479.D

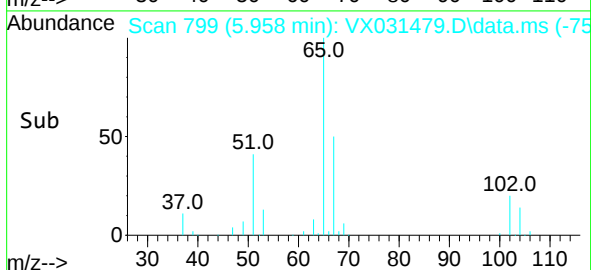
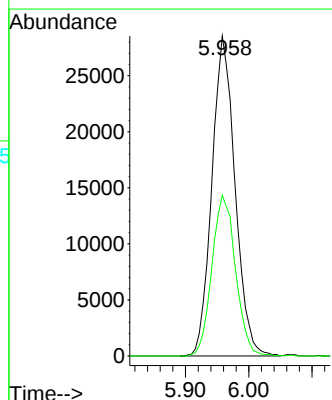
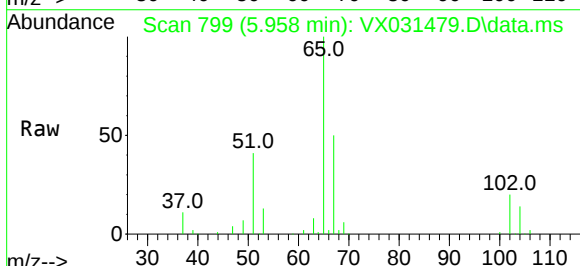
Acq: 19 Sep 2022 22:44

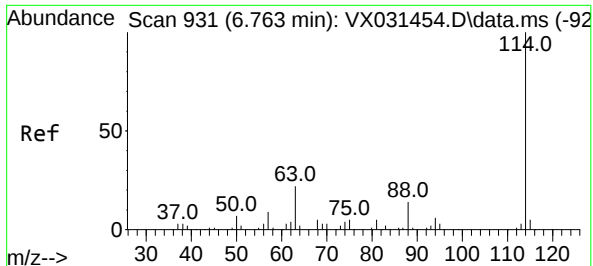
Tgt Ion: 65 Resp: 72460

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.4

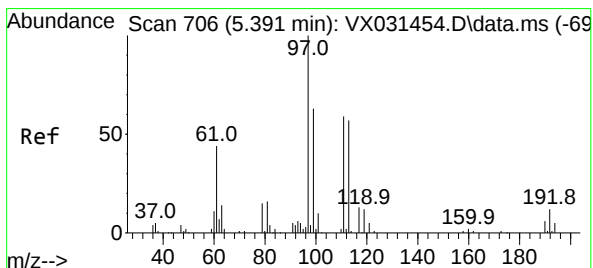
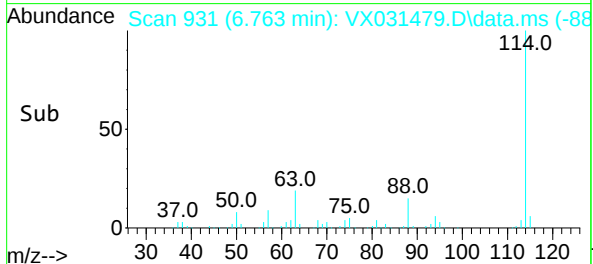
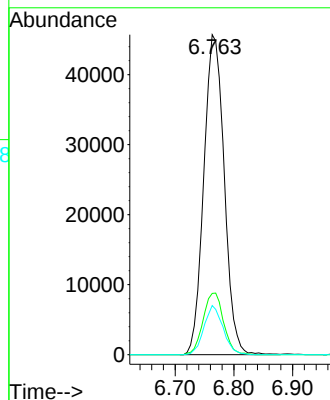
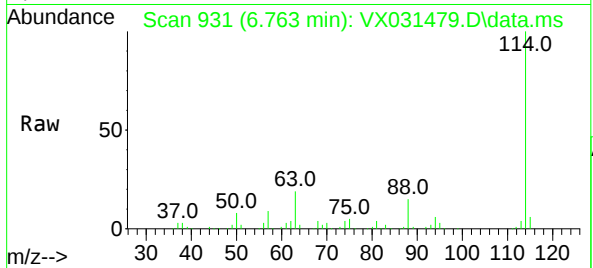




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031479.D
Acq: 19 Sep 2022 22:44

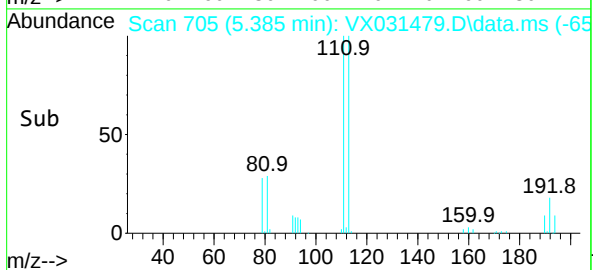
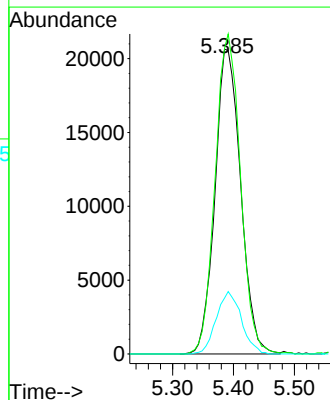
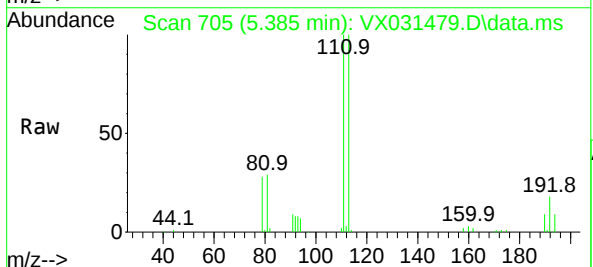
Instrument :
MSVOA_X
ClientSampleId :
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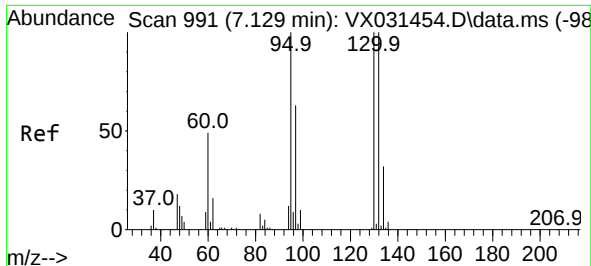
Tgt Ion:114 Resp: 110672
Ion Ratio Lower Upper
114 100
63 19.1 0.0 42.6
88 15.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.842 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031479.D
Acq: 19 Sep 2022 22:44

Tgt Ion:113 Resp: 60399
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 20.0 14.1 21.1

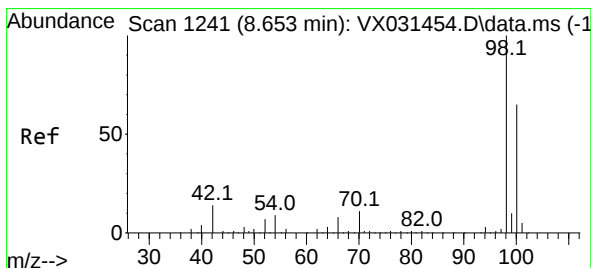
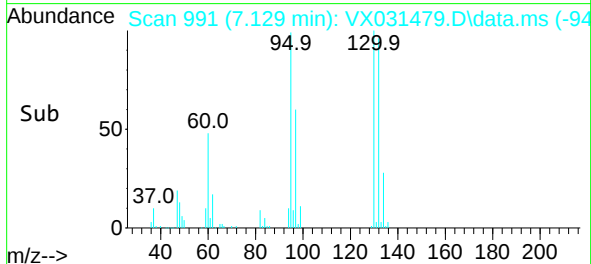
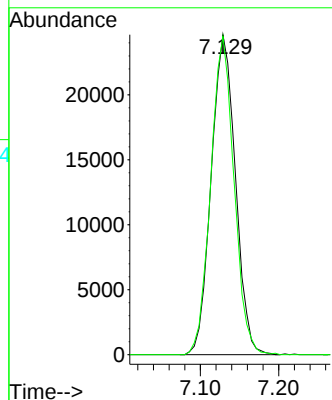
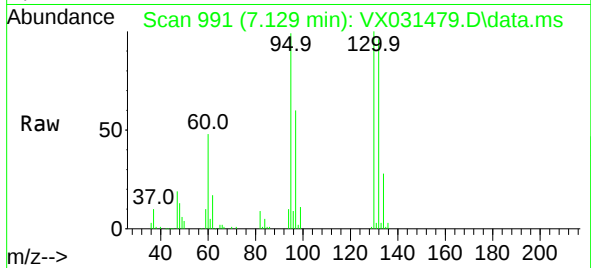




#44
Trichloroethene
Concen: 35.468 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031479.D
Acq: 19 Sep 2022 22:44

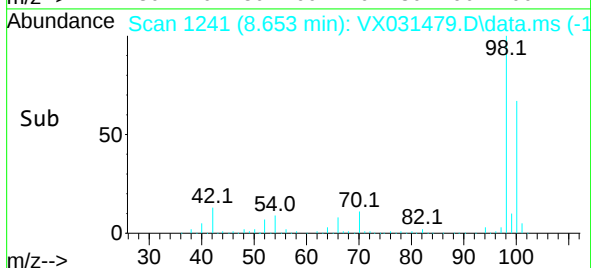
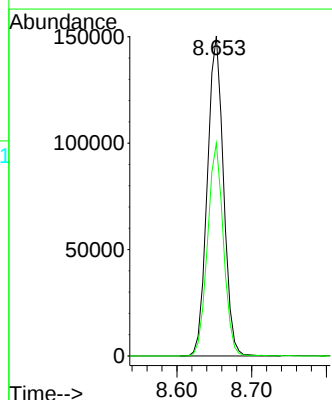
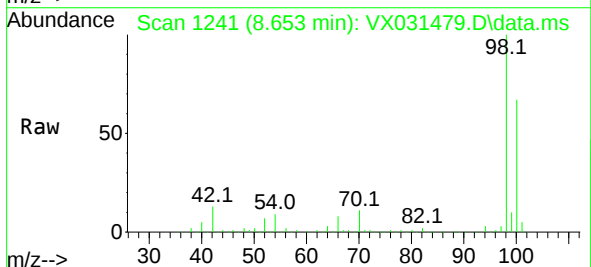
Instrument :
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ClientSampleId :
BP-VPB-RW5-GW-478-480RE

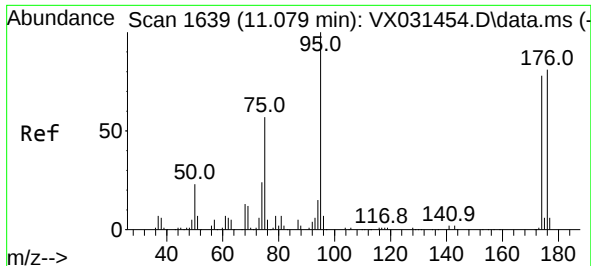
Tgt Ion:130 Resp: 52778
Ion Ratio Lower Upper
130 100
95 99.4 0.0 206.8



#50
Toluene-d8
Concen: 51.142 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031479.D
Acq: 19 Sep 2022 22:44

Tgt Ion: 98 Resp: 225501
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 44.955 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031479.D

Acq: 19 Sep 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-478-480RE

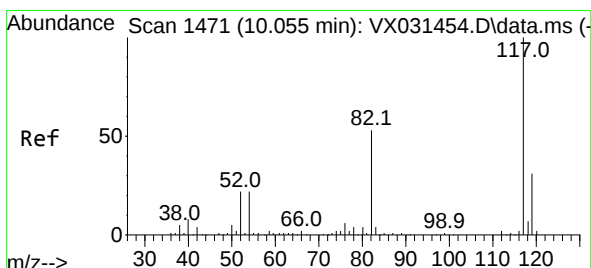
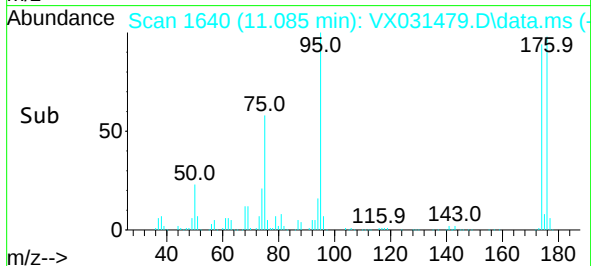
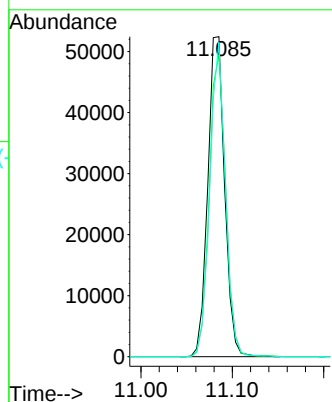
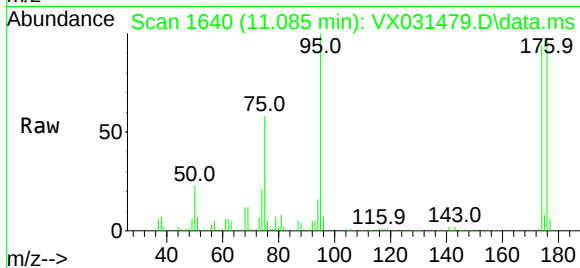
Tgt Ion: 95 Resp: 67143

Ion Ratio Lower Upper

95 100

174 92.0 0.0 153.2

176 91.0 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: VX031479.D

Acq: 19 Sep 2022 22:44

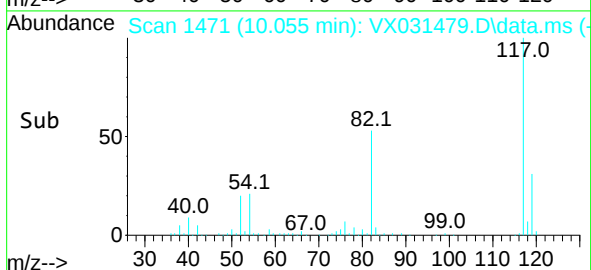
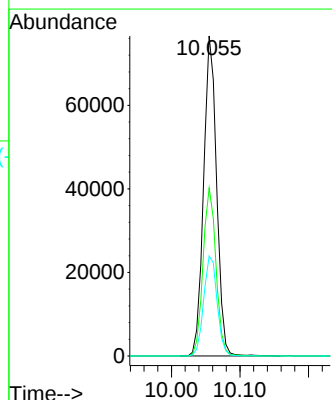
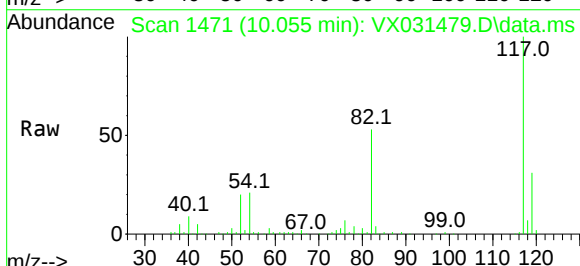
Tgt Ion: 117 Resp: 101291

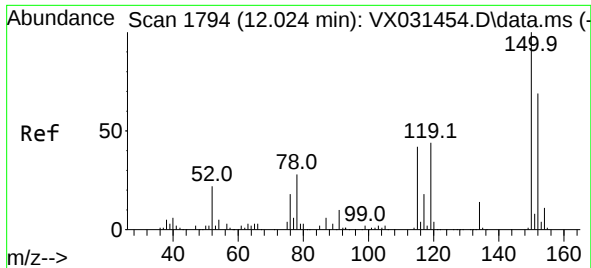
Ion Ratio Lower Upper

117 100

82 52.6 46.8 70.2

119 31.3 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031479.D

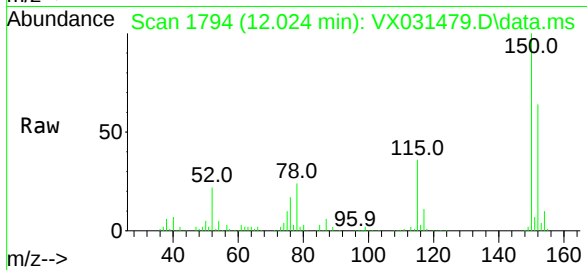
Acq: 19 Sep 2022 22:44

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-RW5-GW-478-480RE



Tgt Ion:152 Resp: 45055

Ion Ratio Lower Upper

152 100

115 56.6 43.4 130.1

150 159.5 0.0 346.8

