

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025547.D
 Acq On : 06 Dec 2021 14:31
 Operator : JC/MD
 Sample : M4923-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20211130

Quant Time: Dec 07 05:59:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

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

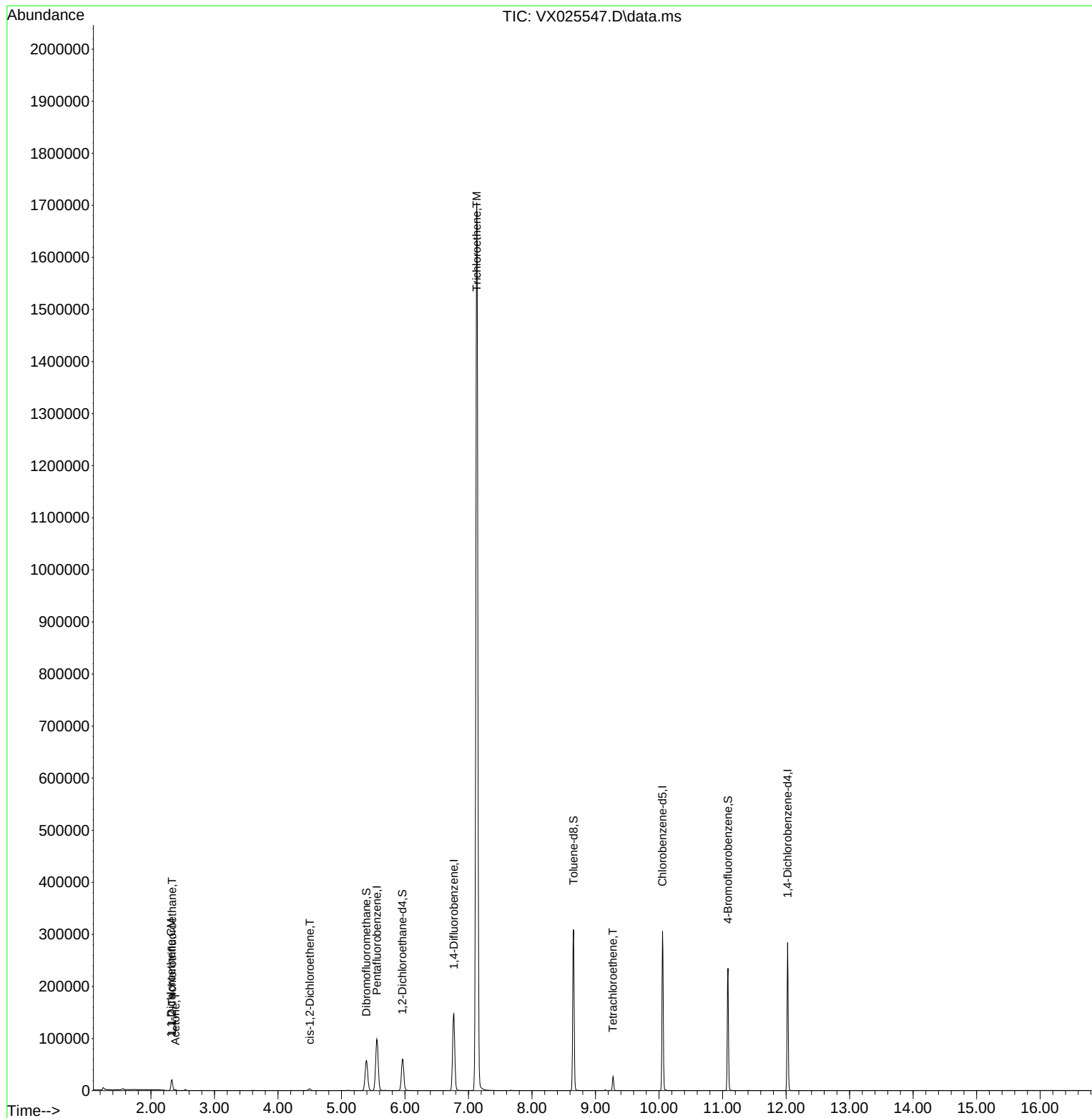
Internal Standards						
1) Pentafluorobenzene	5.556	168	98502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	161611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	141023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	59164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57666	55.540	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	111.080%	
35) Dibromofluoromethane	5.391	113	49767	50.189	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.380%	
50) Toluene-d8	8.653	98	184660	49.530	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.060%	
62) 4-Bromofluorobenzene	11.085	95	61700	43.745	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	87.500%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	6663	7.269	ug/l	98
12) 1,1-Dichloroethene	2.319	96	2276	2.493	ug/l	92
16) Acetone	2.386	43	1613	2.796	ug/l	93
27) cis-1,2-Dichloroethene	4.501	96	2268	1.942	ug/l	86
44) Trichloroethene	7.129	130	679811	547.879	ug/l	98
64) Tetrachloroethene	9.275	164	5095	4.381	ug/l	96

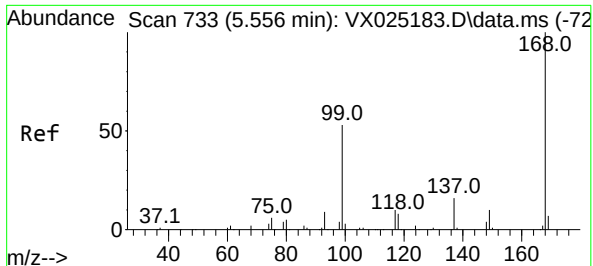
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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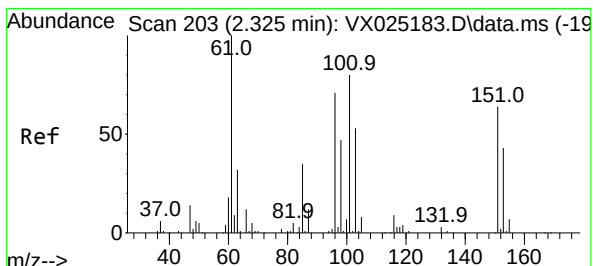
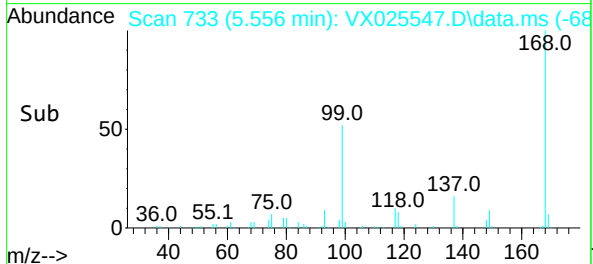
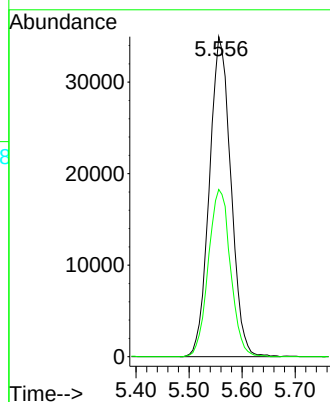
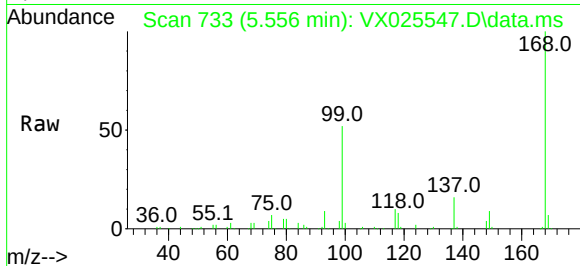




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

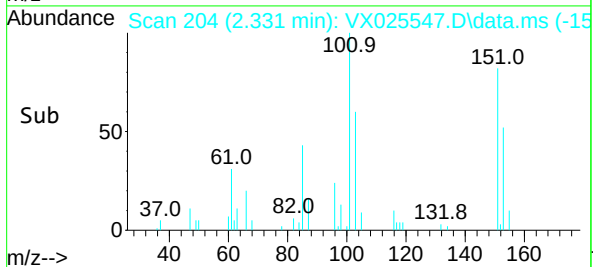
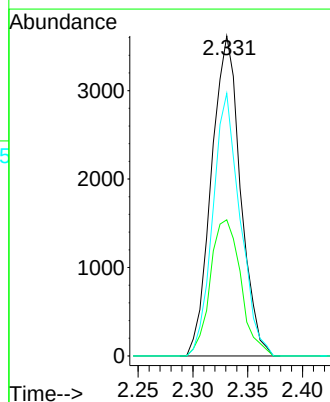
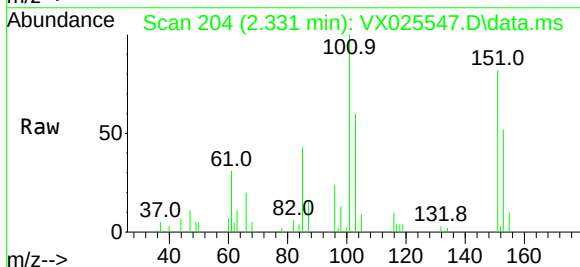
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

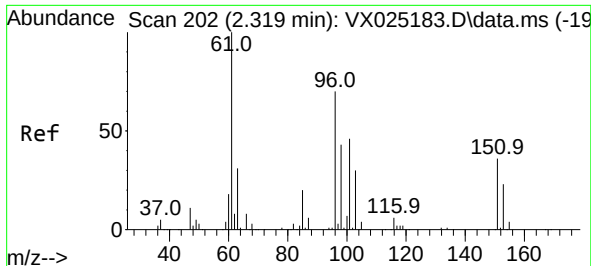
Tgt Ion:168 Resp: 98502
Ion Ratio Lower Upper
168 100
99 52.2 46.4 69.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 7.269 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion:101 Resp: 6663
Ion Ratio Lower Upper
101 100
85 44.7 35.9 53.9
151 77.4 64.4 96.6





#12

1,1-Dichloroethene

Concen: 2.493 ug/l

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX025547.D

Acq: 06 Dec 2021 14:31

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20211130

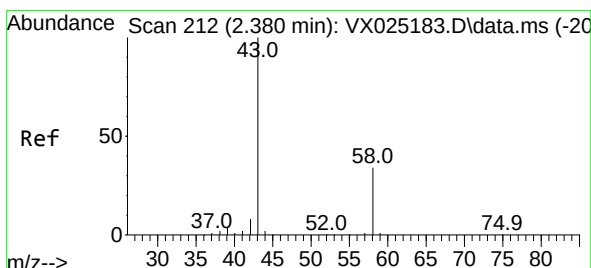
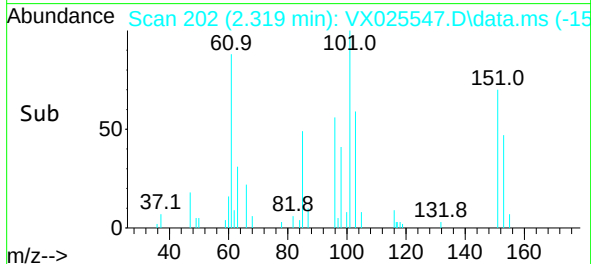
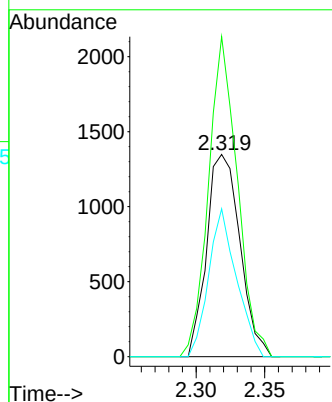
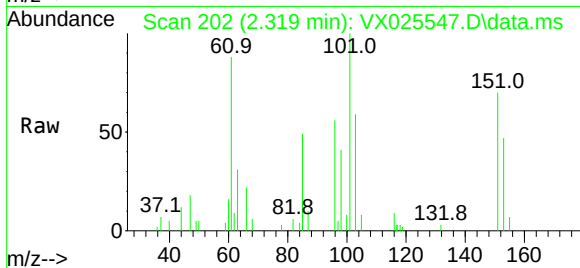
Tgt Ion: 96 Resp: 2276

Ion Ratio Lower Upper

96 100

61 158.2 134.1 201.1

98 73.1 51.5 77.3



#16

Acetone

Concen: 2.796 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX025547.D

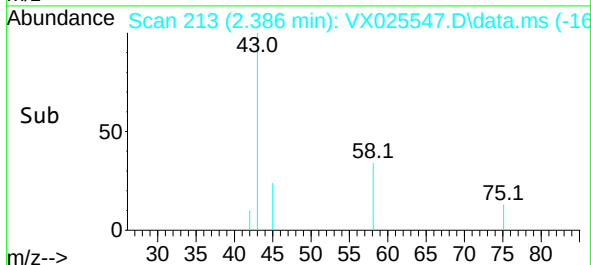
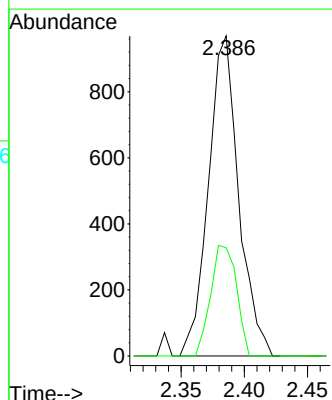
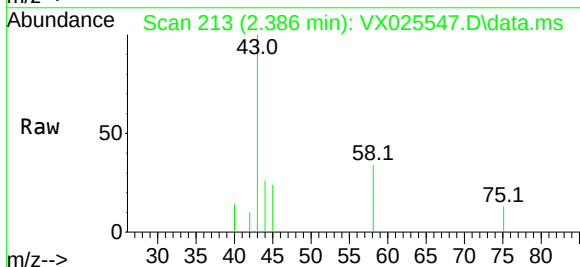
Acq: 06 Dec 2021 14:31

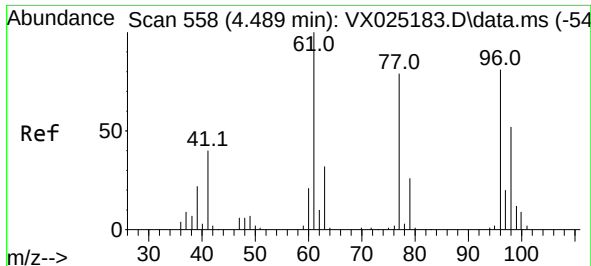
Tgt Ion: 43 Resp: 1613

Ion Ratio Lower Upper

43 100

58 33.8 24.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 1.942 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.012 min

Lab File: VX025547.D

Acq: 06 Dec 2021 14:31

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20211130

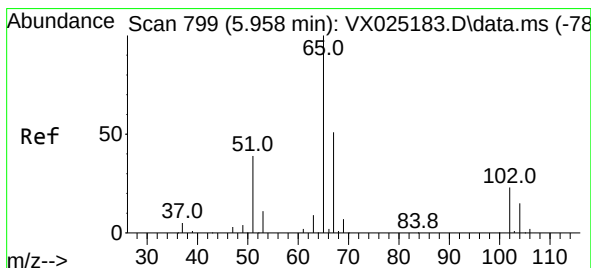
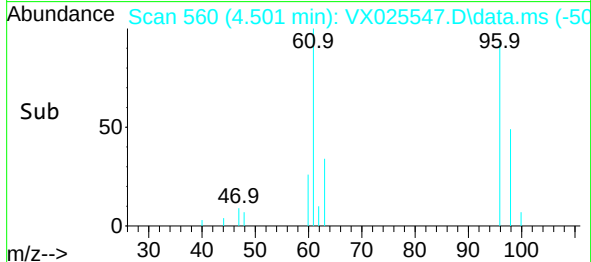
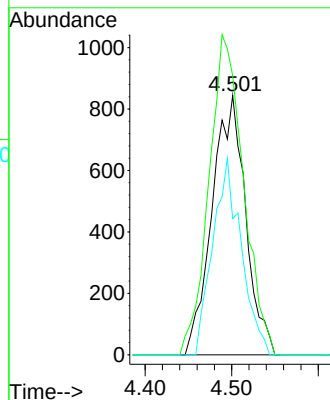
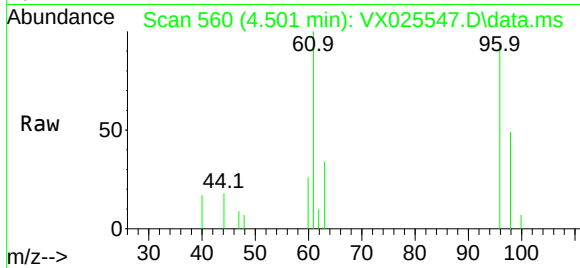
Tgt Ion: 96 Resp: 2268

Ion Ratio Lower Upper

96 100

61 126.9 0.0 302.2

98 64.2 0.0 131.4



#33

1,2-Dichloroethane-d4

Concen: 55.540 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025547.D

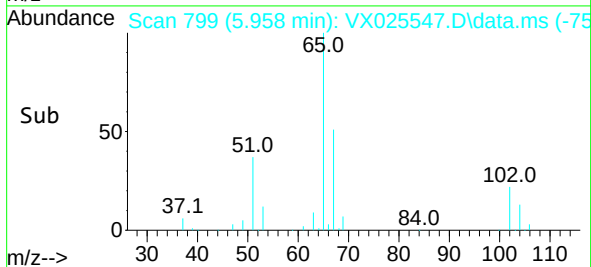
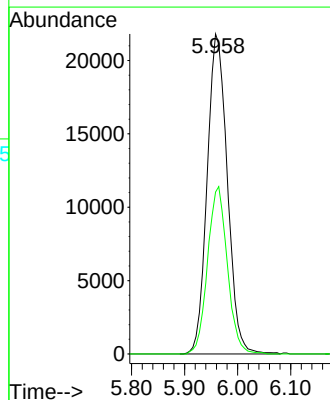
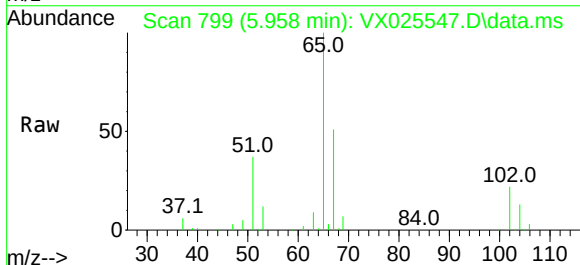
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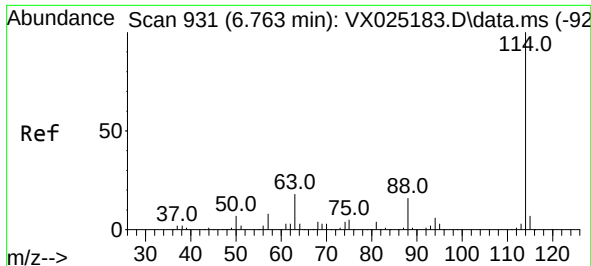
Tgt Ion: 65 Resp: 57666

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.0

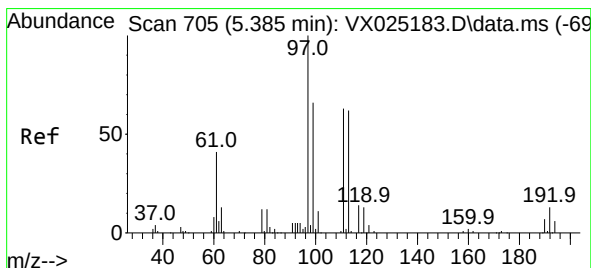
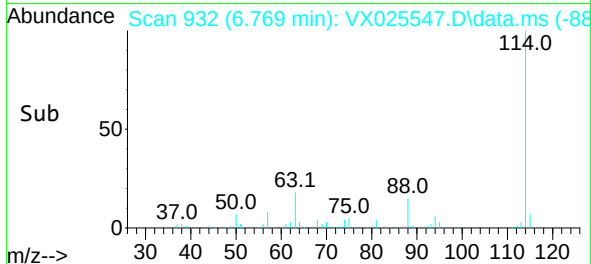
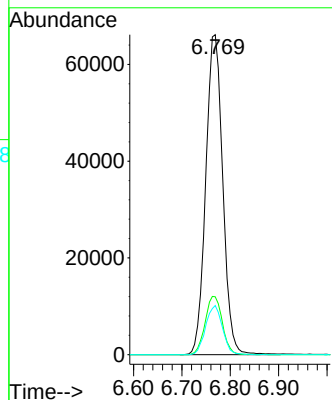
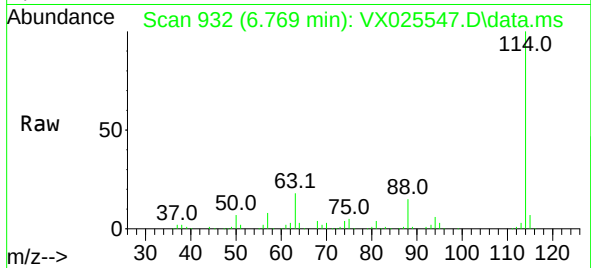




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

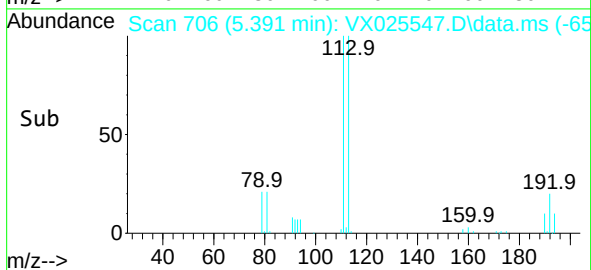
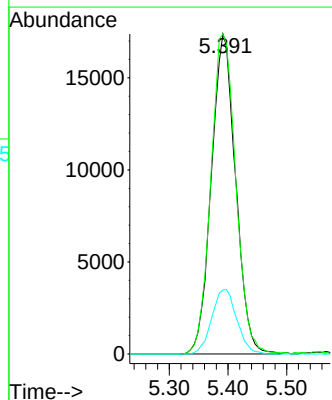
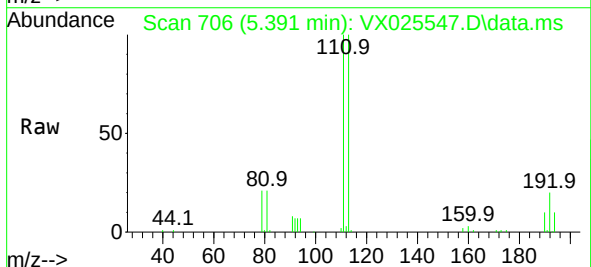
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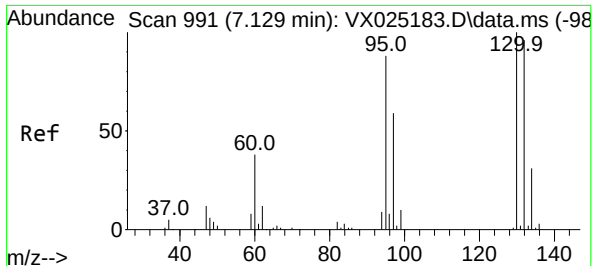
Tgt Ion:114 Resp: 161611
Ion Ratio Lower Upper
114 100
63 18.1 0.0 41.0
88 15.3 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.189 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion:113 Resp: 49767
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 20.7 15.6 23.4

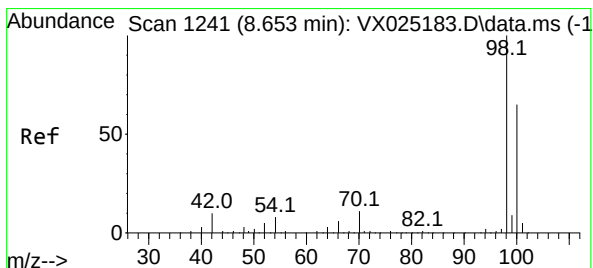
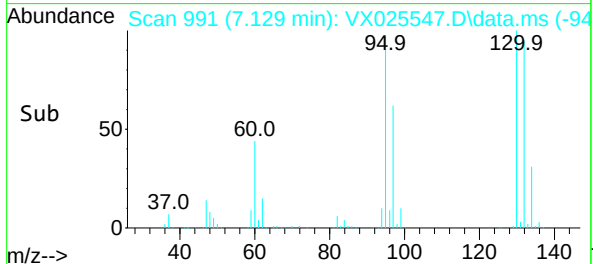
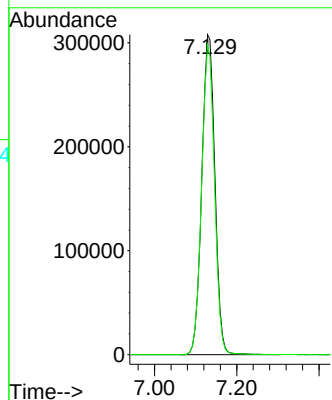
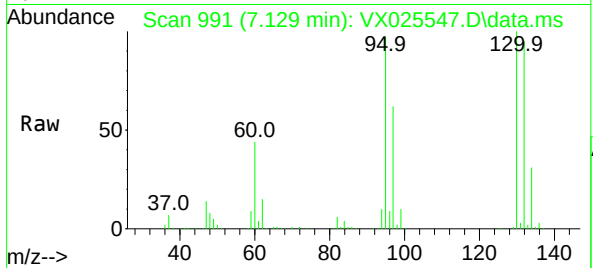




#44
Trichloroethene
Concen: 547.879 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

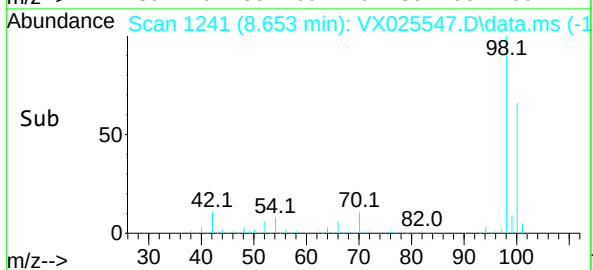
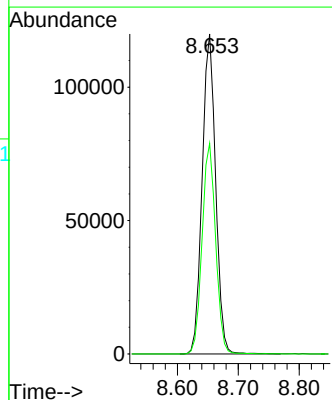
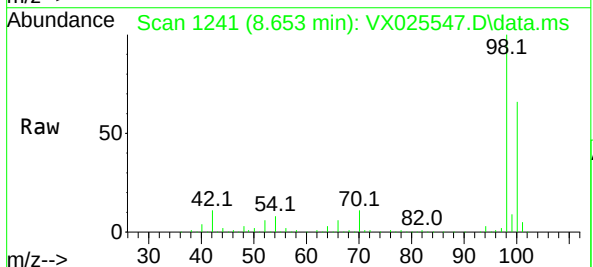
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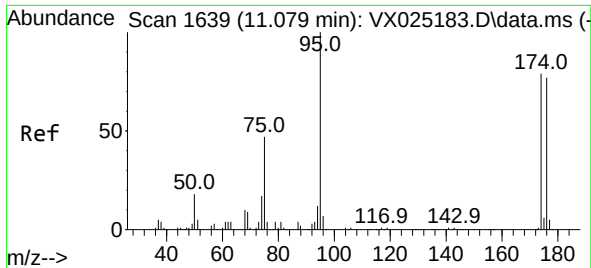
Tgt Ion:130 Resp: 679811
Ion Ratio Lower Upper
130 100
95 96.8 0.0 196.8



#50
Toluene-d8
Concen: 49.530 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion: 98 Resp: 184660
Ion Ratio Lower Upper
98 100
100 66.1 51.4 77.0

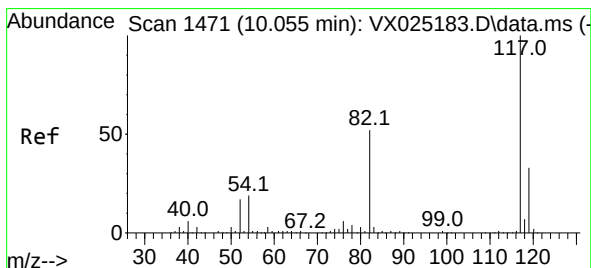
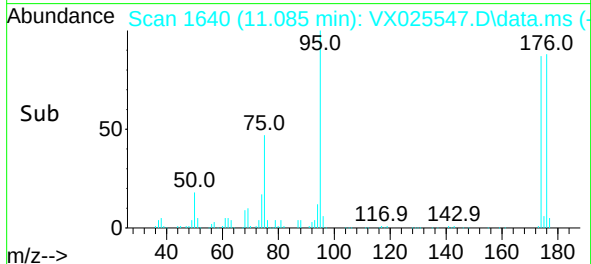
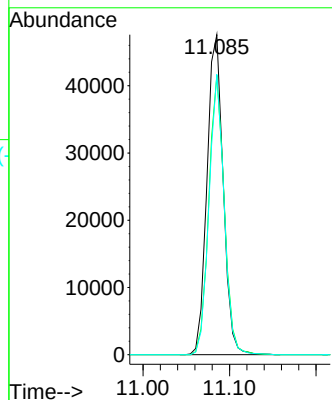
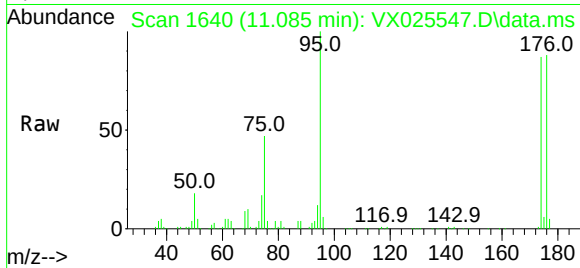




#62
4-Bromofluorobenzene
Concen: 43.745 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

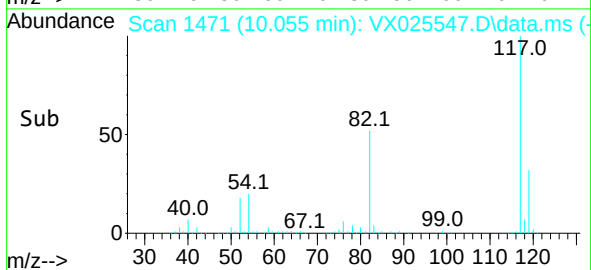
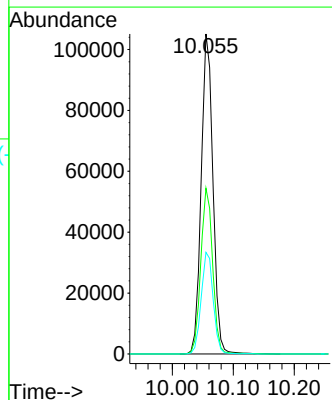
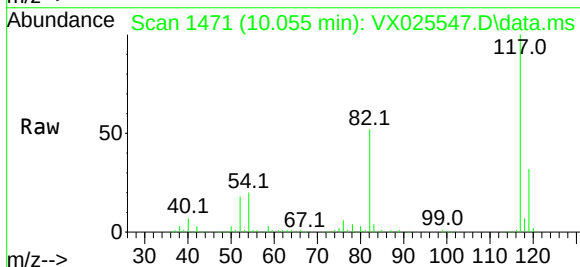
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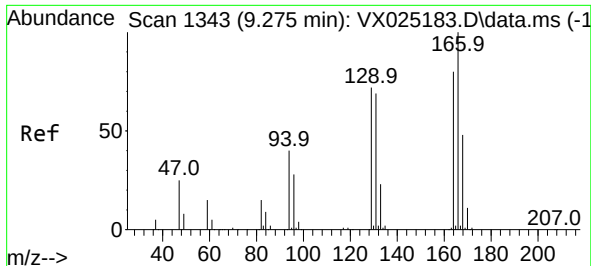
Tgt Ion: 95 Resp: 61700
Ion Ratio Lower Upper
95 100
174 83.4 0.0 158.0
176 81.8 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion: 117 Resp: 141023
Ion Ratio Lower Upper
117 100
82 51.8 44.6 67.0
119 31.7 24.8 37.2

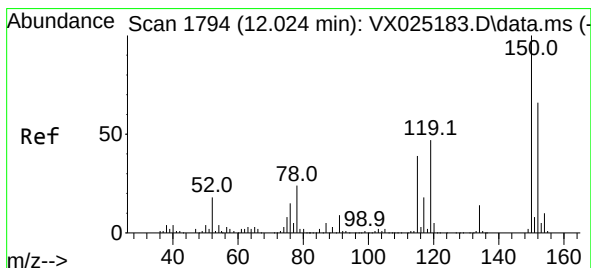
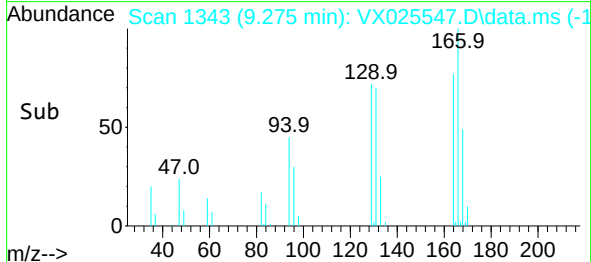
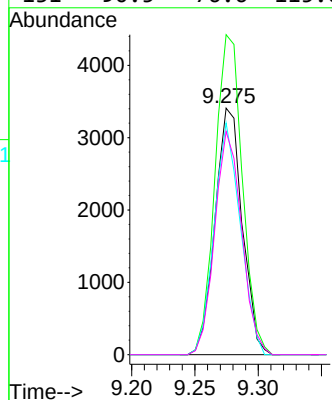
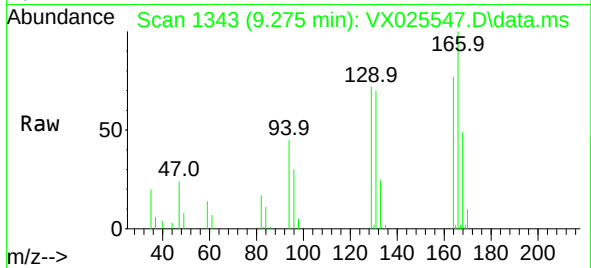




#64
Tetrachloroethene
Concen: 4.381 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20211130

Tgt Ion:164	Resp:	5095
Ion	Ratio	Lower Upper
164	100	
166	129.8	103.2 154.8
129	94.0	81.0 121.4
131	90.5	76.6 115.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX025547.D
Acq: 06 Dec 2021 14:31

Tgt Ion:152	Resp:	59164
Ion	Ratio	Lower Upper
152	100	
115	57.0	43.3 129.8
150	156.1	0.0 351.2

