

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121421\
 Data File : VX025781.D
 Acq On : 14 Dec 2021 16:56
 Operator : JC/MD
 Sample : M4988-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20211206

Quant Time: Dec 15 07:06:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

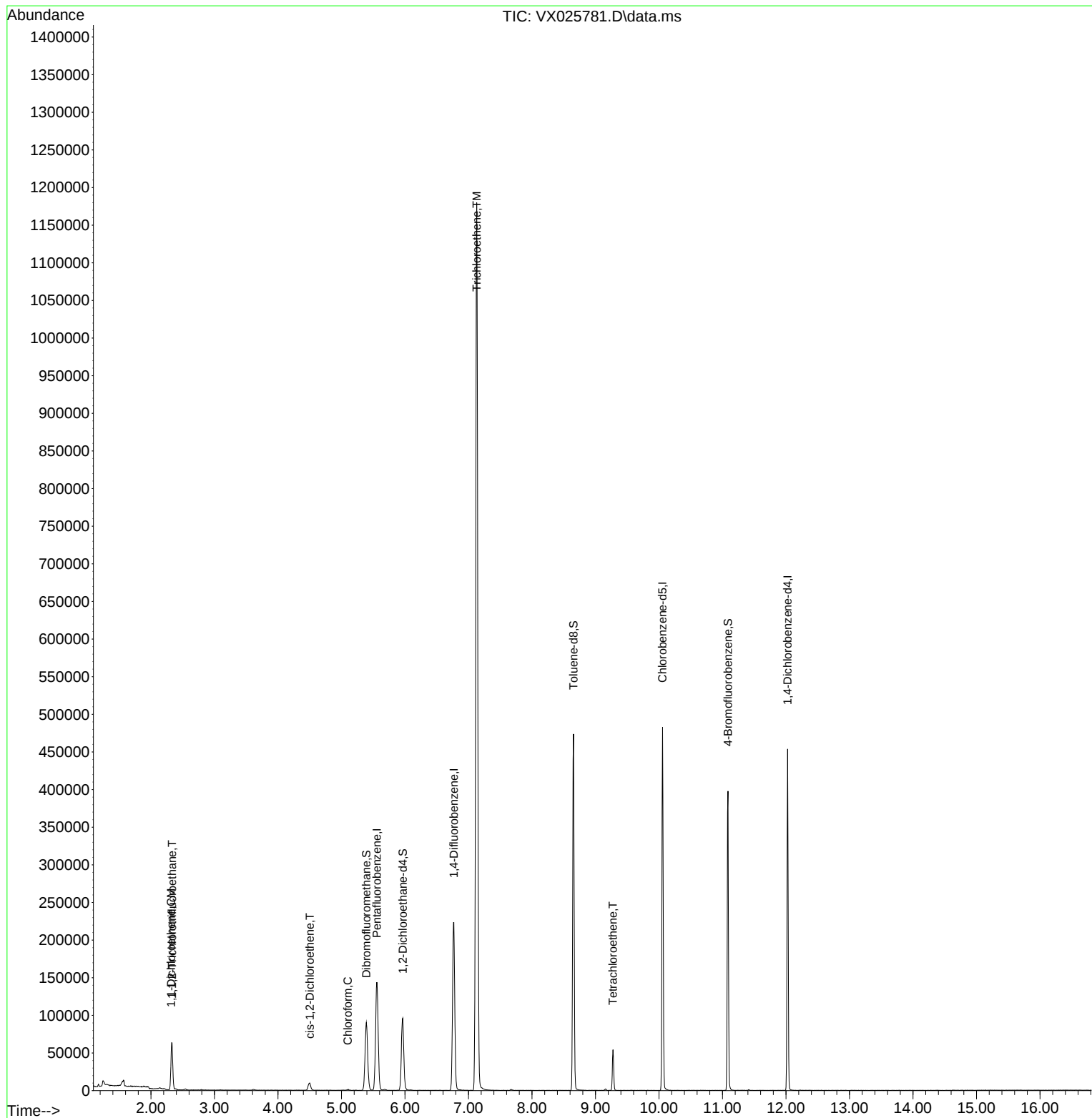
Internal Standards						
1) Pentafluorobenzene	5.556	168	134424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234835	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	91755	47.440	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.880%
35) Dibromofluoromethane	5.391	113	76602	46.772	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.540%
50) Toluene-d8	8.653	98	278091	46.603	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.200%
62) 4-Bromofluorobenzene	11.085	95	107527	47.437	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.880%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	21165	14.787	ug/l	98
12) 1,1-Dichloroethene	2.319	96	4979	3.499	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	6504	3.454	ug/l	92
30) Chloroform	5.099	83	1175	0.372	ug/l	92
44) Trichloroethene	7.129	130	452470	245.311	ug/l	95
64) Tetrachloroethene	9.275	164	9869	5.757	ug/l	93

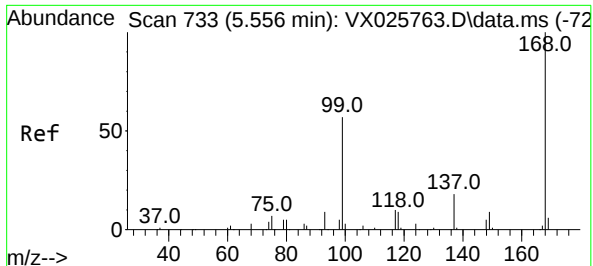
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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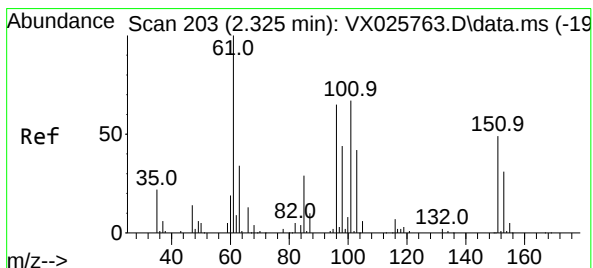
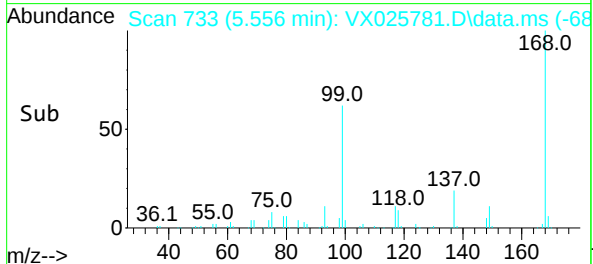
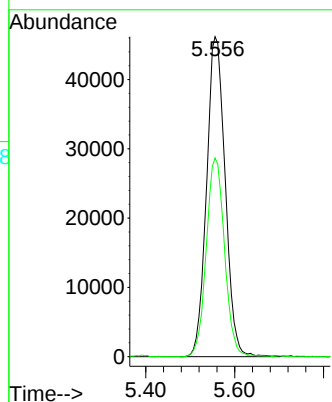
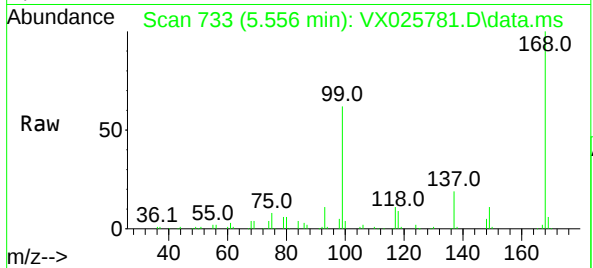




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025781.D
Acq: 14 Dec 2021 16:56

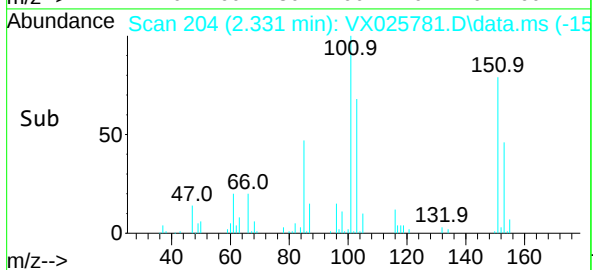
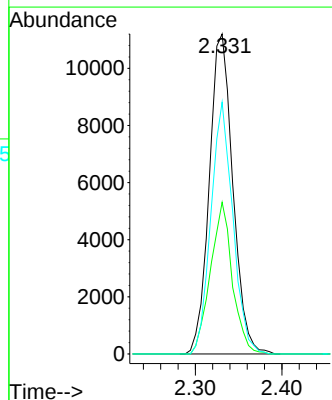
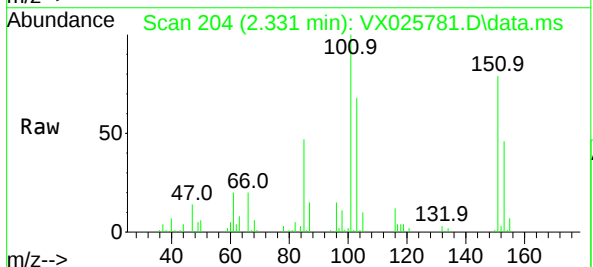
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20211206

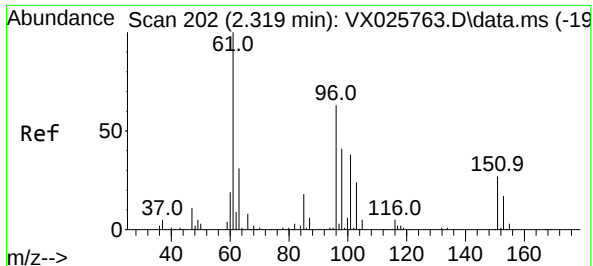
Tgt Ion:168 Resp: 134424
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 14.787 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025781.D
Acq: 14 Dec 2021 16:56

Tgt Ion:101 Resp: 21165
Ion Ratio Lower Upper
101 100
85 44.1 36.5 54.7
151 73.5 60.6 90.8





#12

1,1-Dichloroethene

Concen: 3.499 ug/l

RT: 2.319 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX025781.D

Acq: 14 Dec 2021 16:56

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20211206

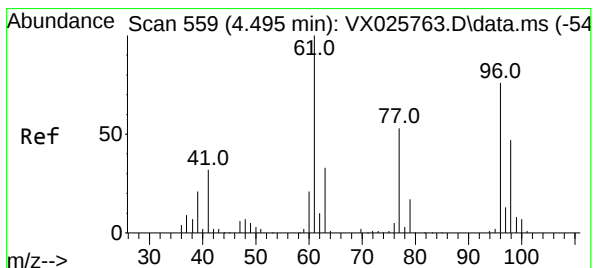
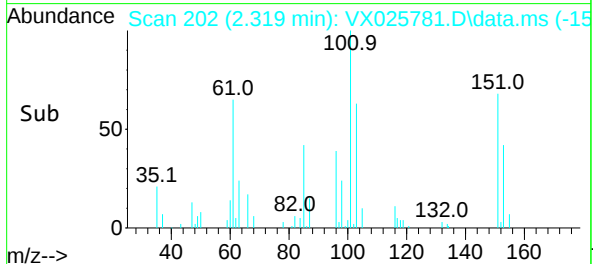
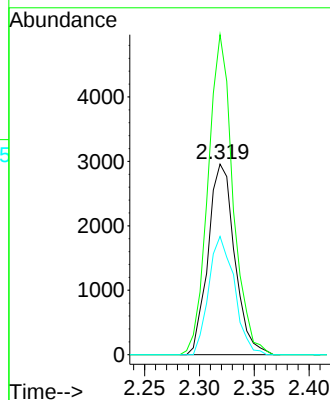
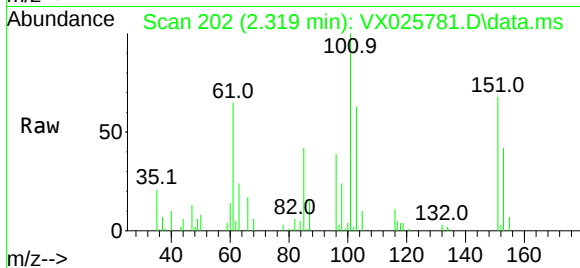
Tgt Ion: 96 Resp: 4979

Ion Ratio Lower Upper

96 100

61 168.0 127.5 191.3

98 62.1 52.0 78.0



#27

cis-1,2-Dichloroethene

Concen: 3.454 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.006 min

Lab File: VX025781.D

Acq: 14 Dec 2021 16:56

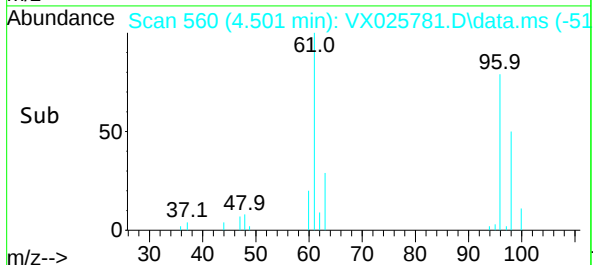
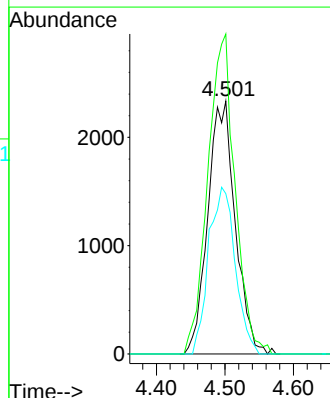
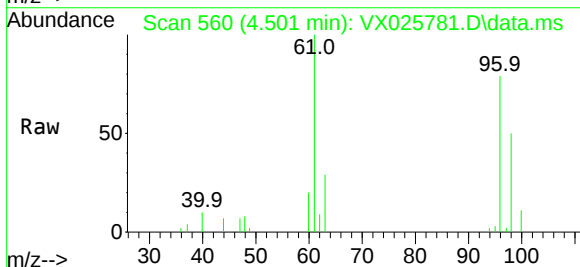
Tgt Ion: 96 Resp: 6504

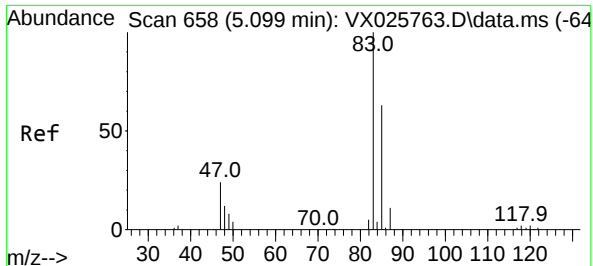
Ion Ratio Lower Upper

96 100

61 125.5 0.0 276.8

98 63.8 0.0 130.6





#30

Chloroform

Concen: 0.372 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.000 min

Lab File: VX025781.D

Acq: 14 Dec 2021 16:56

Instrument :

MSVOA_X

ClientSampleId :

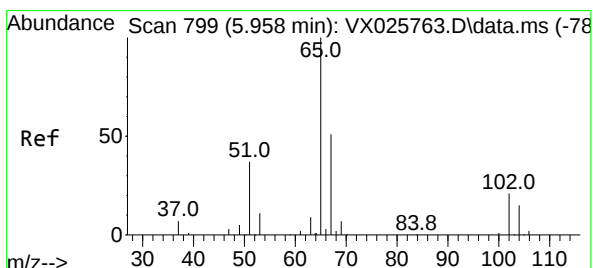
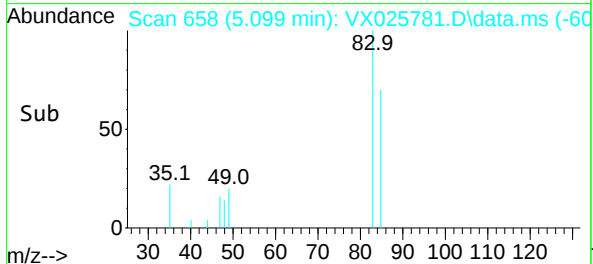
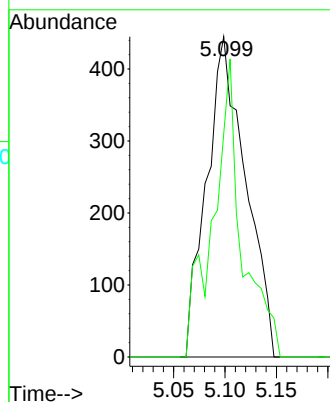
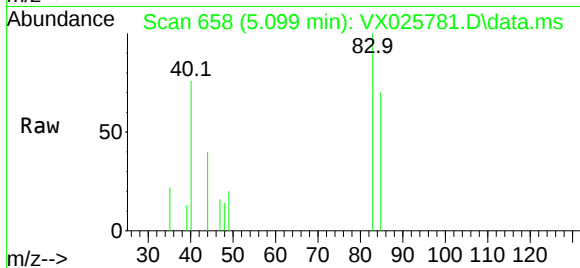
RE125D2-20211206

Tgt Ion: 83 Resp: 1175

Ion Ratio Lower Upper

83 100

85 69.7 50.6 75.8



#33

1,2-Dichloroethane-d4

Concen: 47.440 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX025781.D

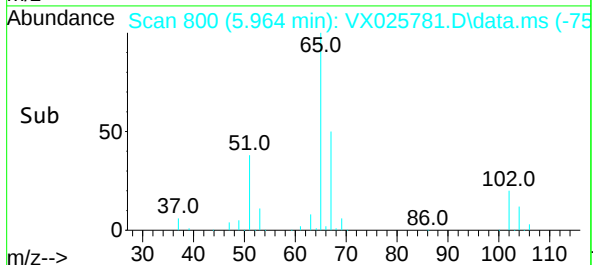
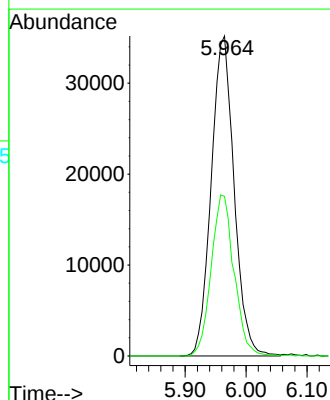
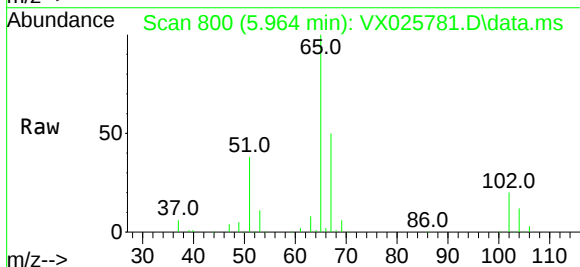
Acq: 14 Dec 2021 16:56

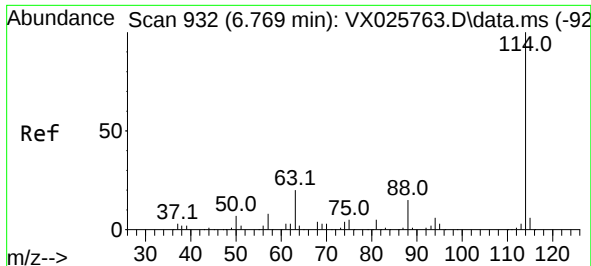
Tgt Ion: 65 Resp: 91755

Ion Ratio Lower Upper

65 100

67 50.3 0.0 103.4

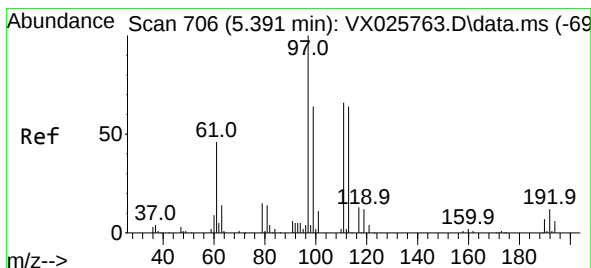
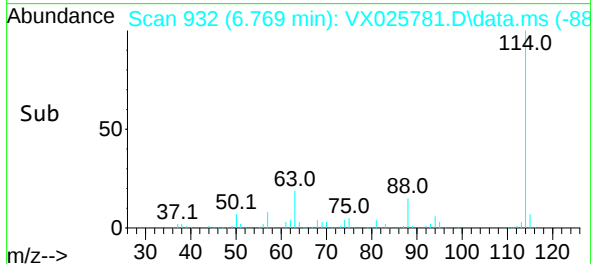
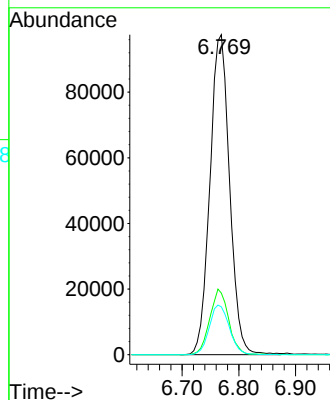
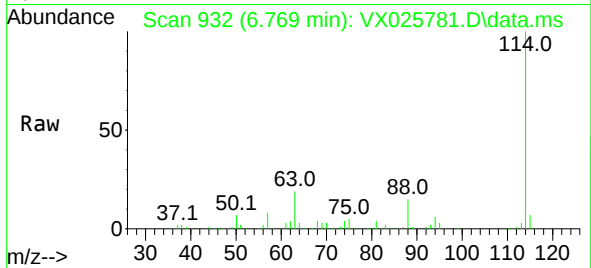




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX025781.D
Acq: 14 Dec 2021 16:56

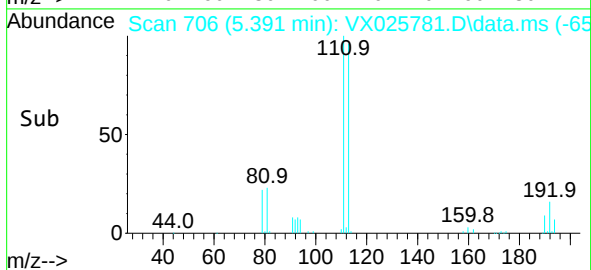
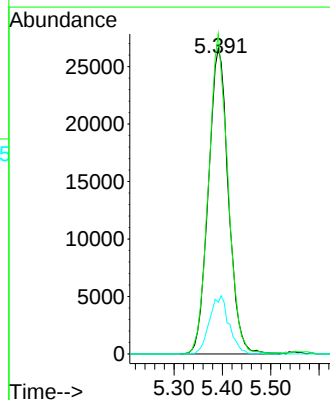
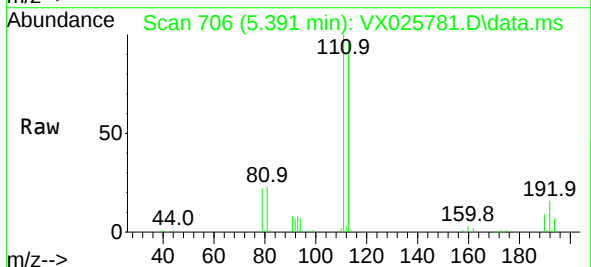
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ClientSampleId :
RE125D2-20211206

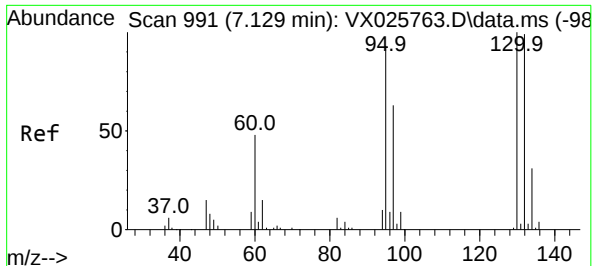
Tgt Ion:114 Resp: 234835
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 46.772 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX025781.D
Acq: 14 Dec 2021 16:56

Tgt Ion:113 Resp: 76602
Ion Ratio Lower Upper
113 100
111 101.5 81.8 122.8
192 18.5 15.0 22.4

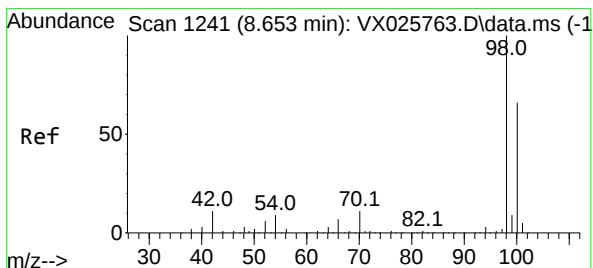
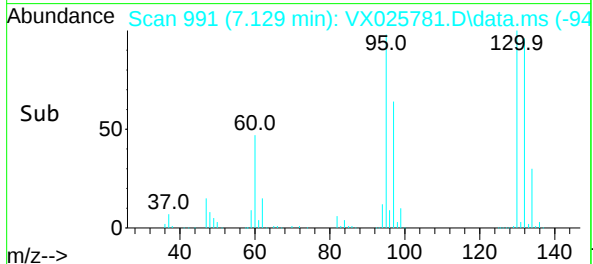
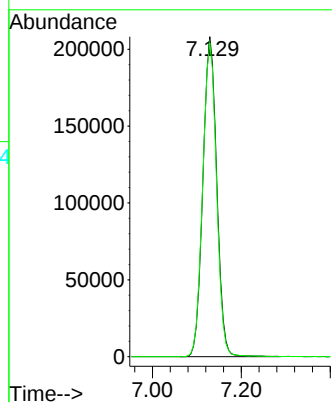
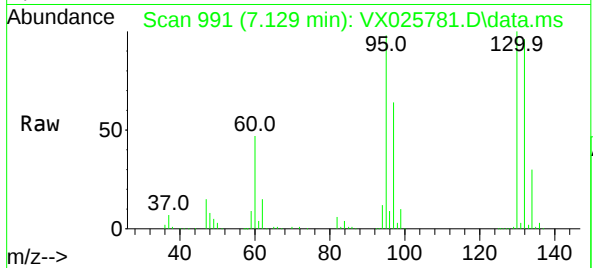




#44
Trichloroethene
Concen: 245.311 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025781.D
Acq: 14 Dec 2021 16:56

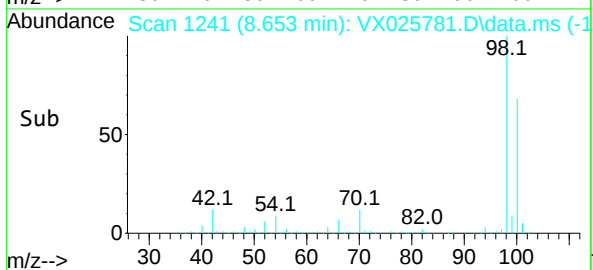
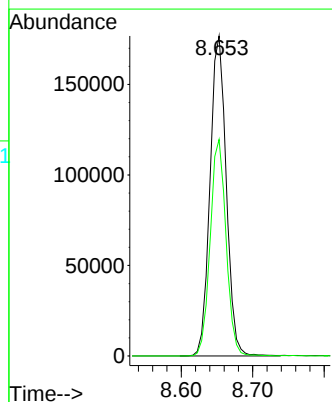
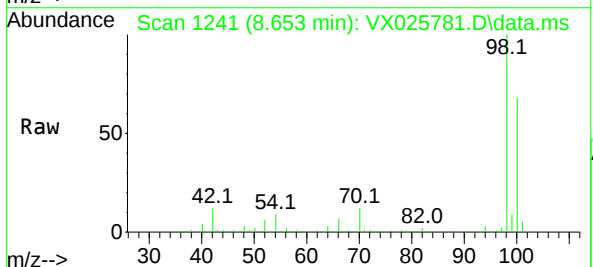
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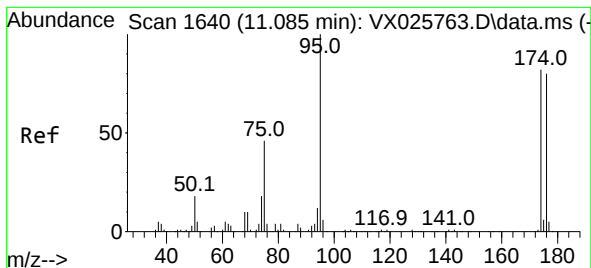
Tgt Ion:130 Resp: 452470
Ion Ratio Lower Upper
130 100
95 98.0 0.0 186.4



#50
Toluene-d8
Concen: 46.603 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX025781.D
Acq: 14 Dec 2021 16:56

Tgt Ion: 98 Resp: 278091
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

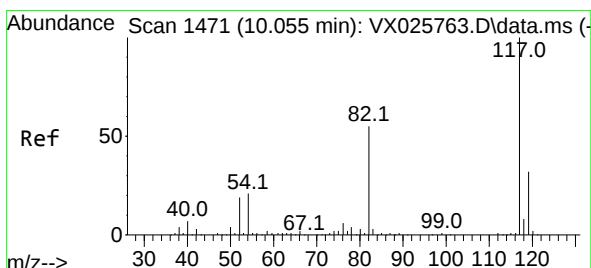
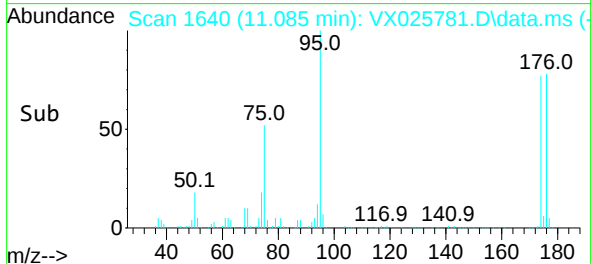
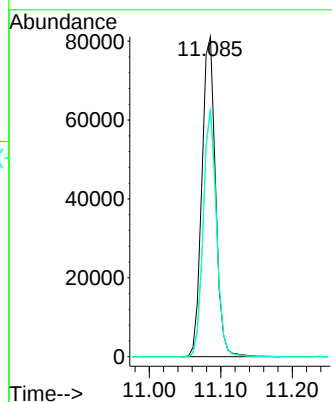
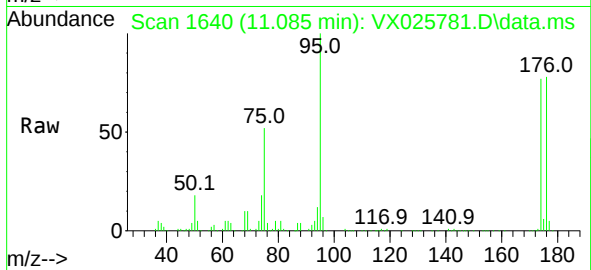




#62
4-Bromofluorobenzene
Concen: 47.437 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX025781.D
Acq: 14 Dec 2021 16:56

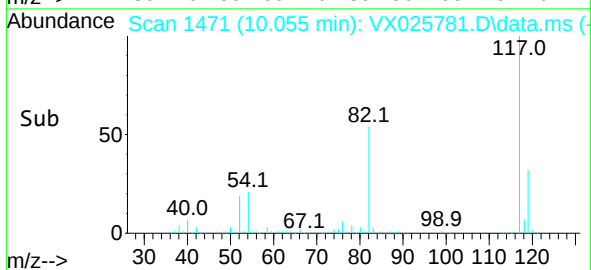
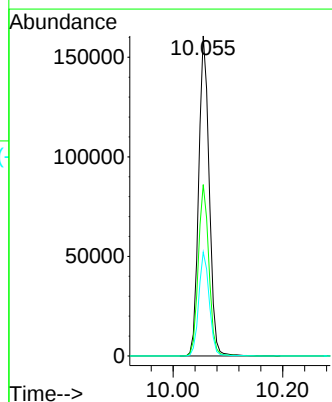
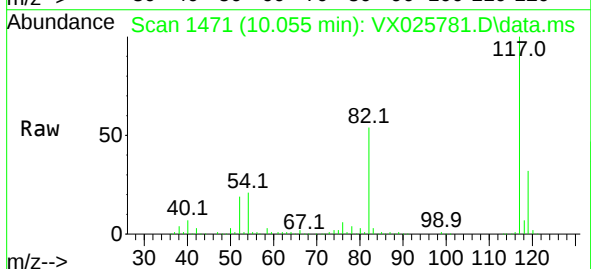
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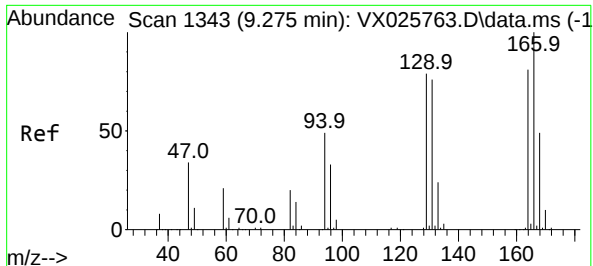
Tgt Ion: 95 Resp: 107527
Ion Ratio Lower Upper
95 100
174 75.6 0.0 157.4
176 74.8 0.0 154.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025781.D
Acq: 14 Dec 2021 16:56

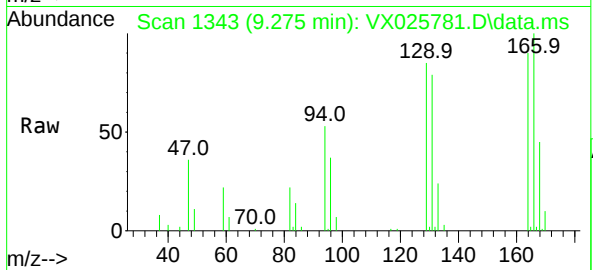
Tgt Ion: 117 Resp: 214901
Ion Ratio Lower Upper
117 100
82 53.6 43.8 65.6
119 32.5 25.2 37.8



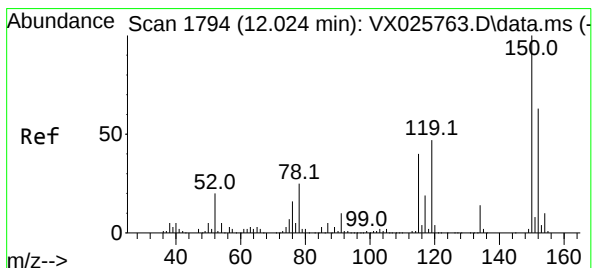
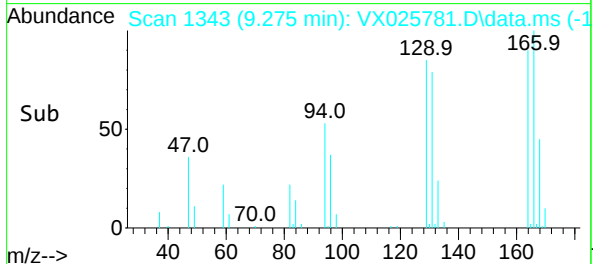
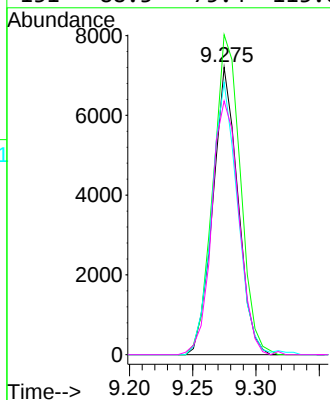


#64
Tetrachloroethene
Concen: 5.757 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025781.D
Acq: 14 Dec 2021 16:56

Instrument :
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Tgt Ion:	164	Resp:	9869
Ion	Ratio	Lower	Upper
164	100		
166	111.3	99.4	149.0
129	94.8	78.6	118.0
131	88.3	75.4	113.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025781.D
Acq: 14 Dec 2021 16:56

Tgt Ion:	152	Resp:	89701
Ion	Ratio	Lower	Upper
152	100		
115	60.6	41.3	123.9
150	157.9	0.0	351.8

