

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121621\
 Data File : VX025815.D
 Acq On : 15 Dec 2021 15:28
 Operator : JC/MD
 Sample : M4988-01DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20211206DL

Quant Time: Dec 16 07:29:48 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)

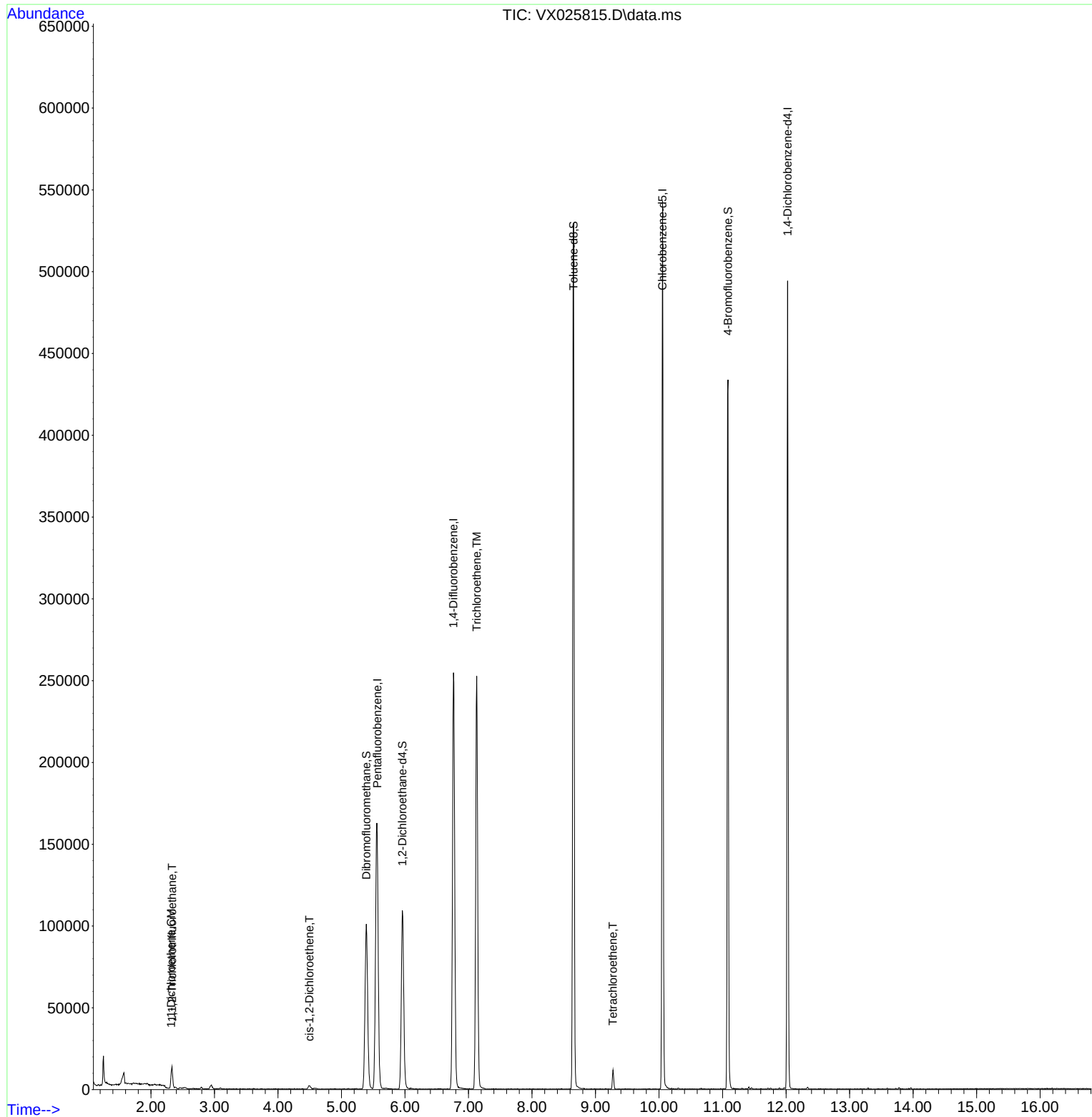
Internal Standards						
1) Pentafluorobenzene	5.562	168	154851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	268915	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	103626	46.510	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.020%
35) Dibromofluoromethane	5.391	113	85936	45.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.640%
50) Toluene-d8	8.653	98	311310	45.558	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.120%#
62) 4-Bromofluorobenzene	11.085	95	117958	45.444	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.880%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	4399	2.668	ug/l	96
12) 1,1-Dichloroethene	2.318	96	1059	0.646	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	1310	0.604	ug/l	97
44) Trichloroethene	7.129	130	98579	46.672	ug/l	98
64) Tetrachloroethene	9.275	164	2062	1.070	ug/l	89

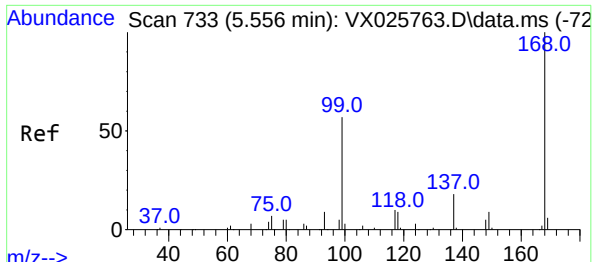
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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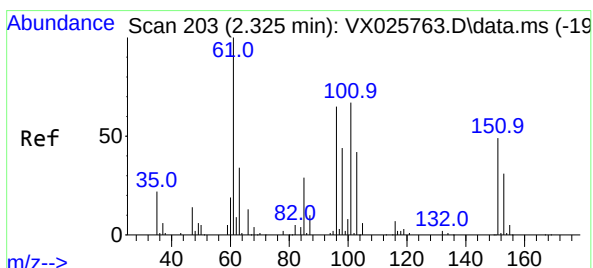
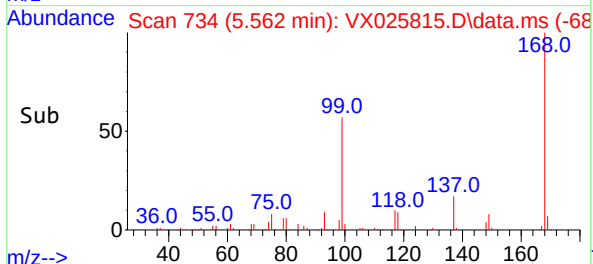
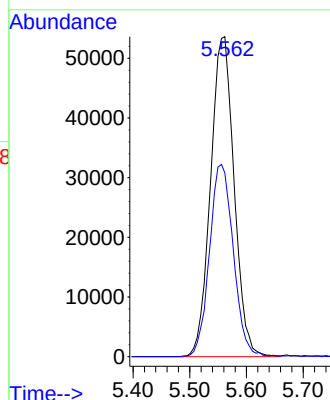
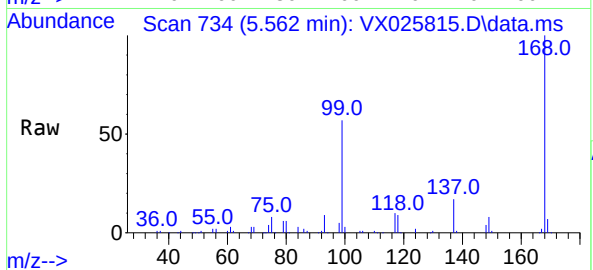




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025815.D
Acq: 15 Dec 2021 15:28

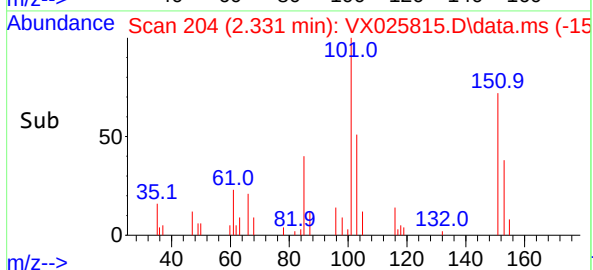
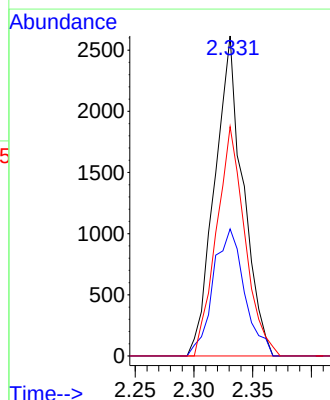
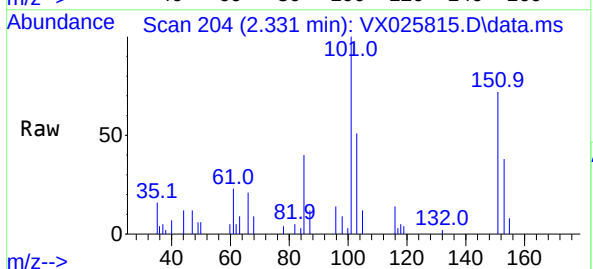
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20211206DL

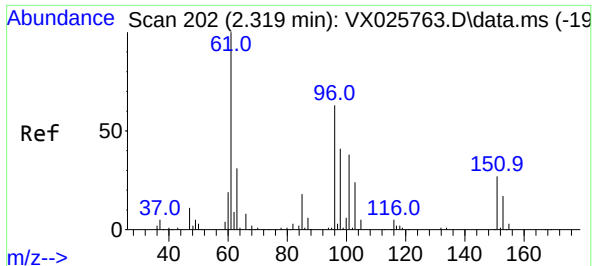
Tgt Ion:168 Resp: 154851
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.8



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.668 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025815.D
Acq: 15 Dec 2021 15:28

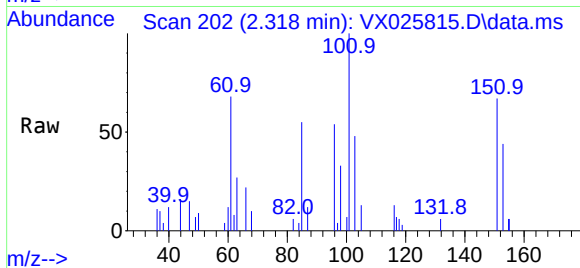
Tgt Ion:101 Resp: 4399
Ion Ratio Lower Upper
101 100
85 43.9 36.5 54.7
151 72.1 60.6 90.8



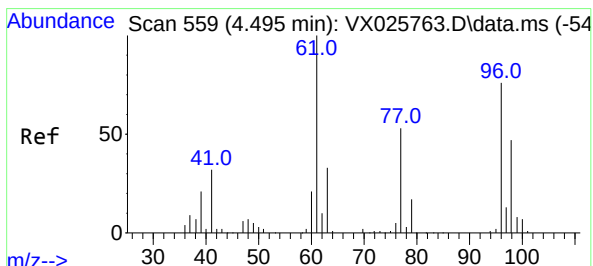
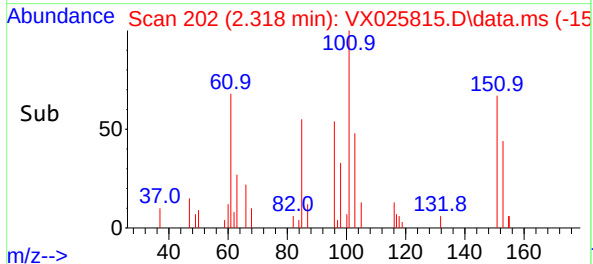
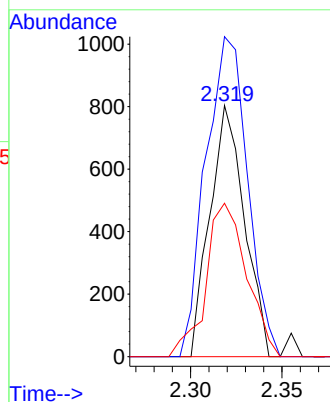


#12
1,1-Dichloroethene
Concen: 0.646 ug/l
RT: 2.318 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX025815.D
Acq: 15 Dec 2021 15:28

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20211206DL

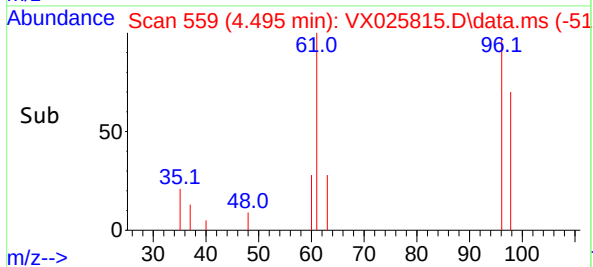
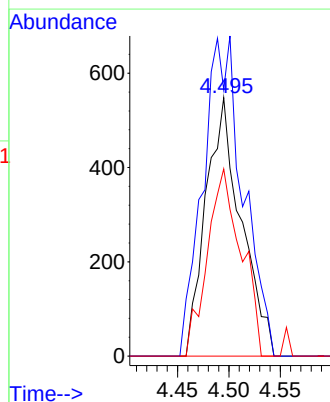
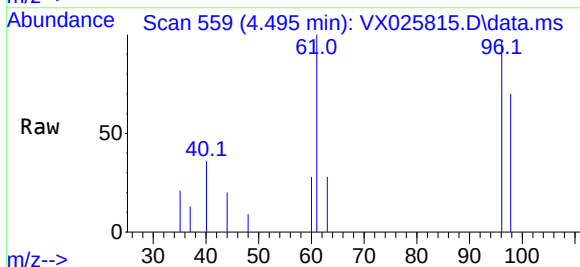


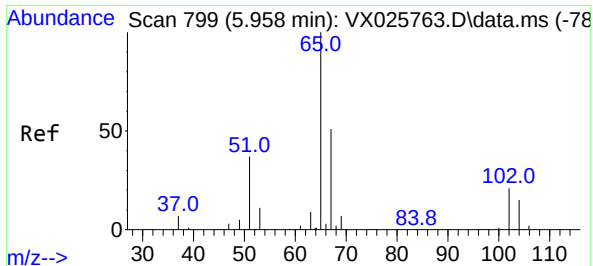
Tgt Ion: 96 Resp: 1059
Ion Ratio Lower Upper
96 100
61 127.4 127.5 191.3#
98 61.1 52.0 78.0



#27
cis-1,2-Dichloroethene
Concen: 0.604 ug/l
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX025815.D
Acq: 15 Dec 2021 15:28

Tgt Ion: 96 Resp: 1310
Ion Ratio Lower Upper
96 100
61 141.0 0.0 276.8
98 69.4 0.0 130.6





#33

1,2-Dichloroethane-d4

Concen: 46.510 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX025815.D

Acq: 15 Dec 2021 15:28

Instrument :

MSVOA_X

ClientSampleId :

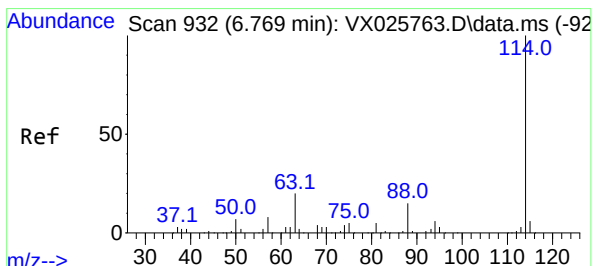
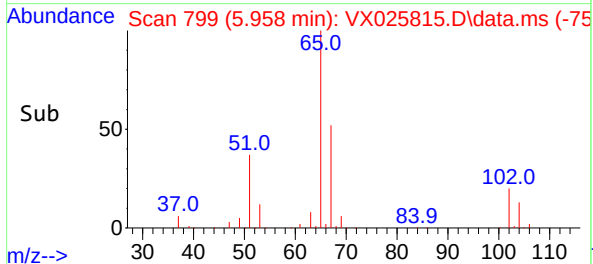
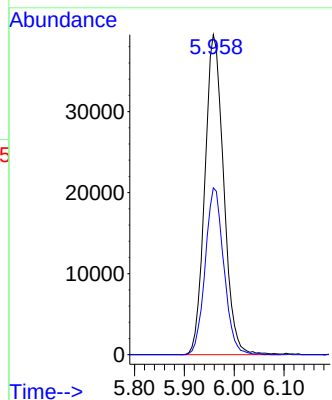
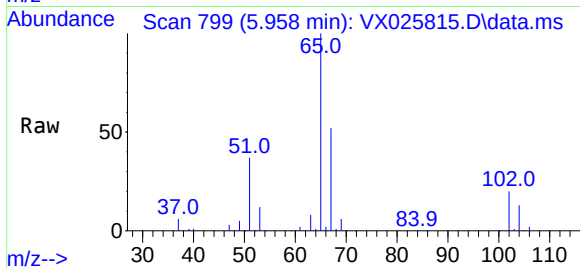
RE125D2-20211206DL

Tgt Ion: 65 Resp: 103626

Ion Ratio Lower Upper

65 100

67 51.6 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX025815.D

Acq: 15 Dec 2021 15:28

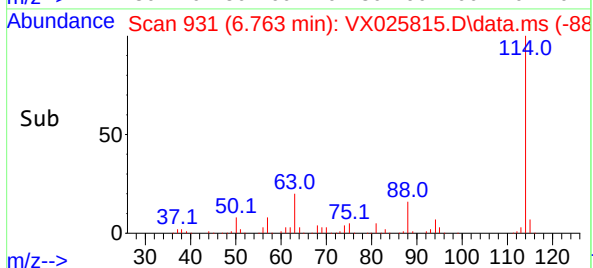
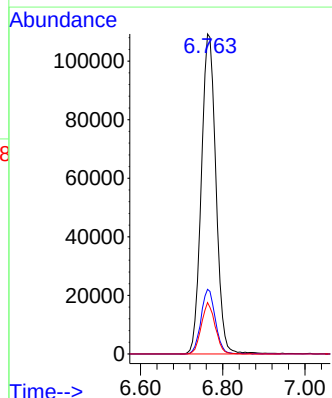
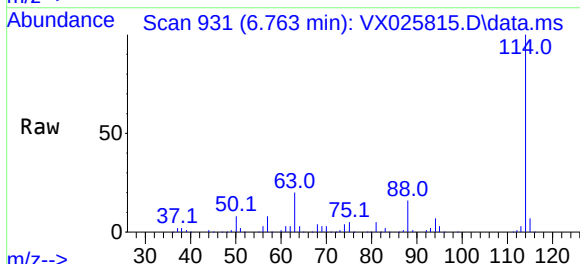
Tgt Ion: 114 Resp: 268915

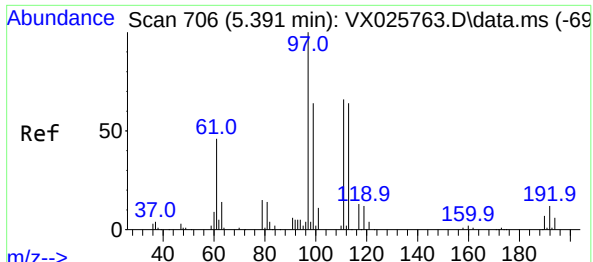
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

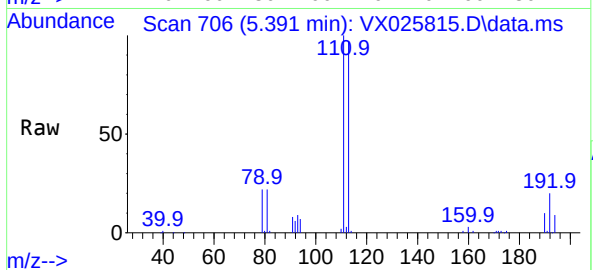
88 16.1 0.0 30.6



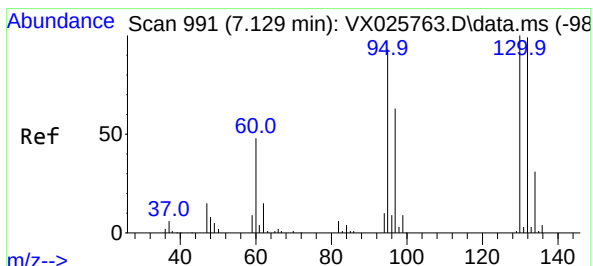
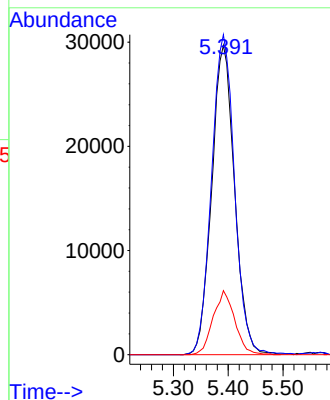
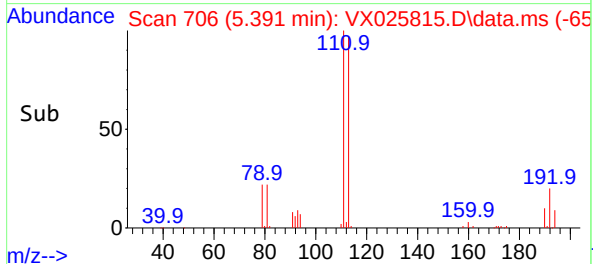


#35
Dibromofluoromethane
Concen: 45.822 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025815.D
Acq: 15 Dec 2021 15:28

Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20211206DL

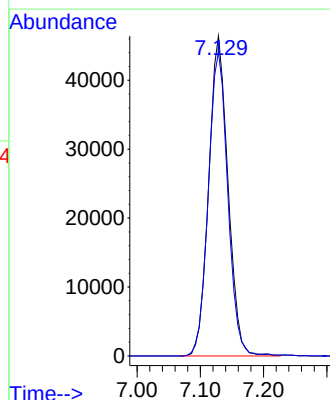
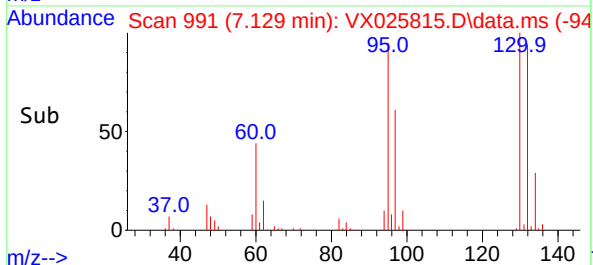
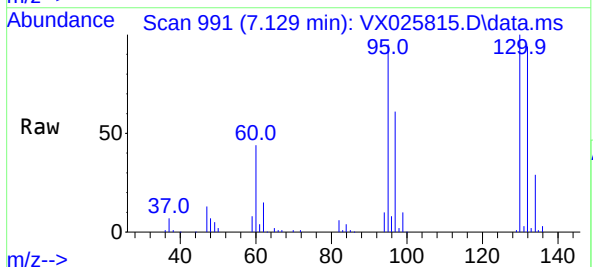


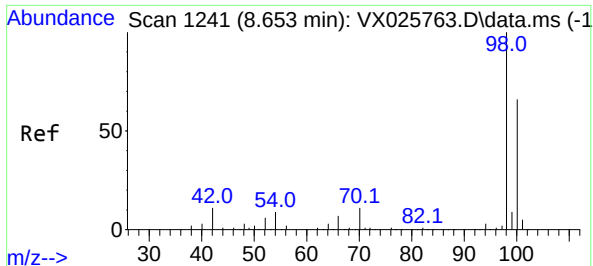
Tgt Ion:113 Resp: 85936
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.8
192 19.6 15.0 22.4



#44
Trichloroethene
Concen: 46.672 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX025815.D
Acq: 15 Dec 2021 15:28

Tgt Ion:130 Resp: 98579
Ion Ratio Lower Upper
130 100
95 95.0 0.0 186.4

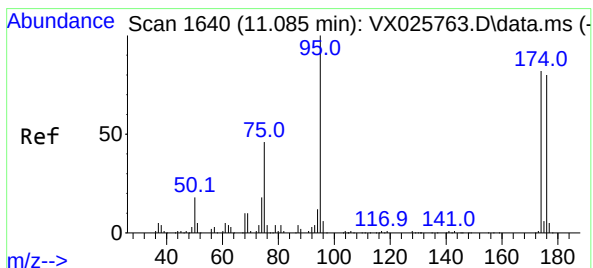
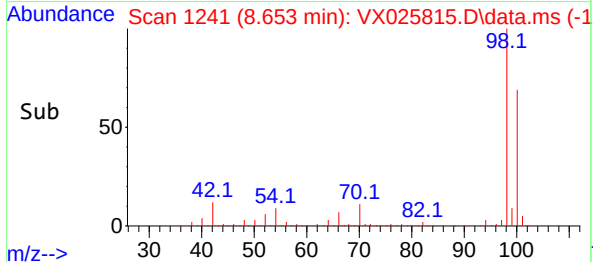
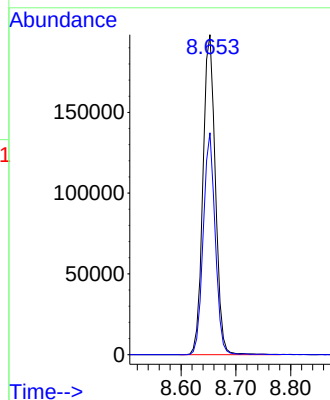
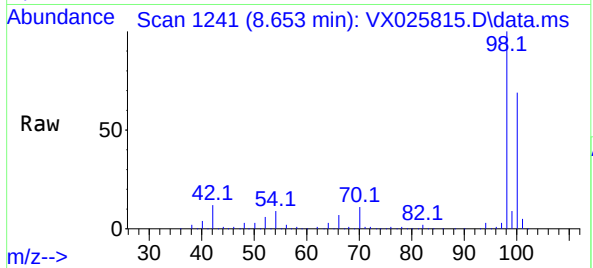




#50
Toluene-d8
Concen: 45.558 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025815.D
Acq: 15 Dec 2021 15:28

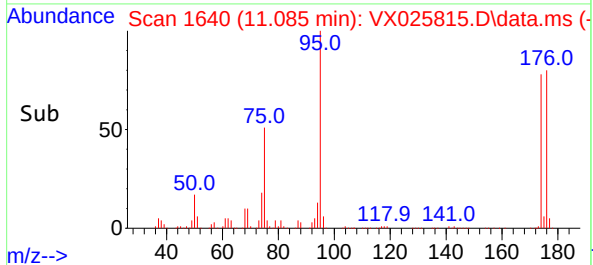
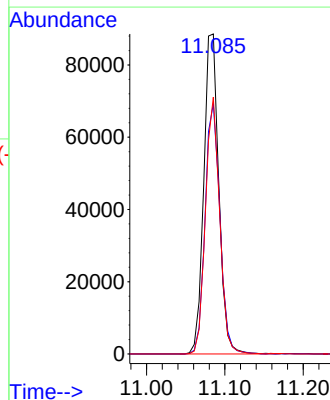
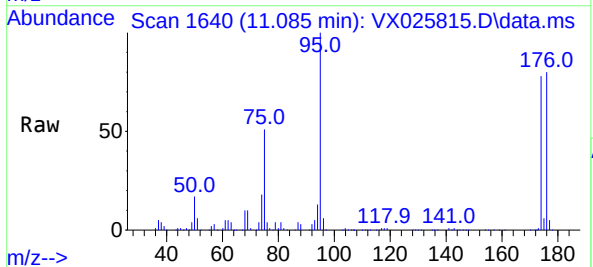
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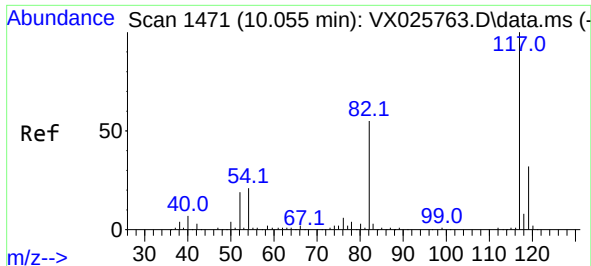
Tgt Ion: 98 Resp: 311310
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.444 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025815.D
Acq: 15 Dec 2021 15:28

Tgt Ion: 95 Resp: 117958
Ion Ratio Lower Upper
95 100
174 77.0 0.0 157.4
176 75.8 0.0 154.6

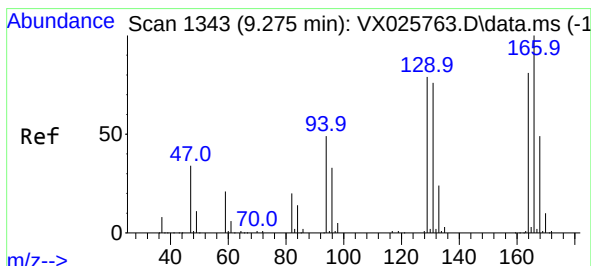
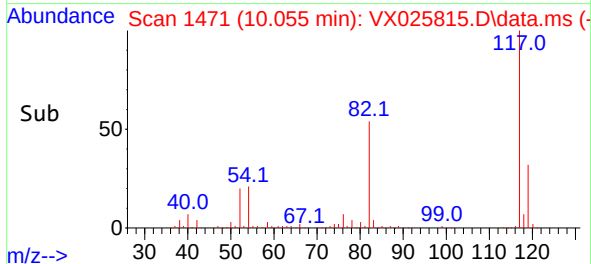
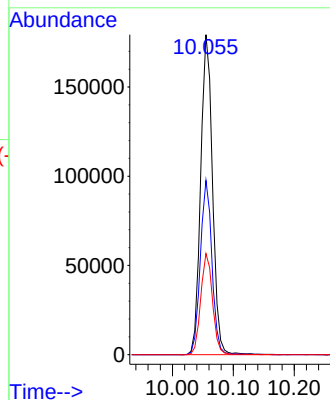
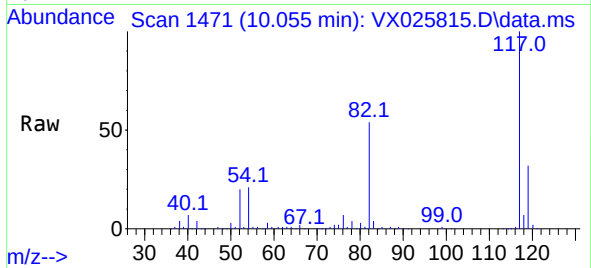




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025815.D
Acq: 15 Dec 2021 15:28

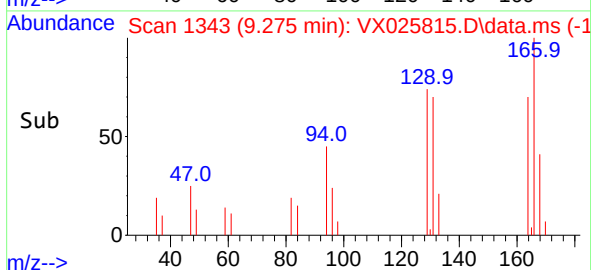
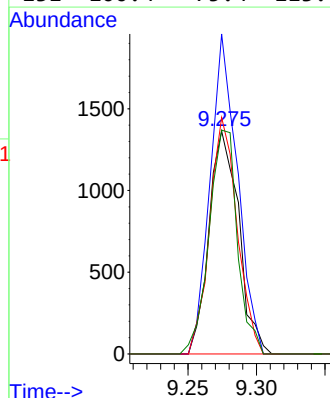
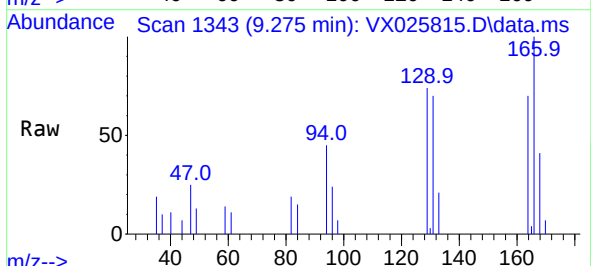
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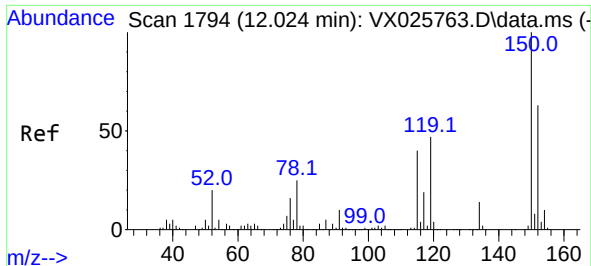
Tgt Ion:117 Resp: 241549
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.6
119 31.6 25.2 37.8



#64
Tetrachloroethene
Concen: 1.070 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025815.D
Acq: 15 Dec 2021 15:28

Tgt Ion:164 Resp: 2062
Ion Ratio Lower Upper
164 100
166 143.5 99.4 149.0
129 106.1 78.6 118.0
131 100.4 75.4 113.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX025815.D

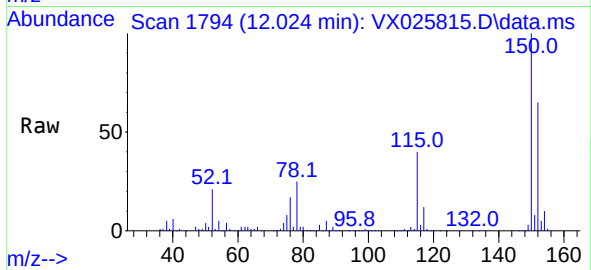
Acq: 15 Dec 2021 15:28

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20211206DL



Tgt Ion:152 Resp: 100450

Ion Ratio Lower Upper

152 100

115 59.9 41.3 123.9

150 156.6 0.0 351.8

