

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120321\
 Data File : VX025494.D
 Acq On : 03 Dec 2021 19:50
 Operator : JC/MD
 Sample : M4924-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20211202

Quant Time: Dec 04 06:54:01 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)

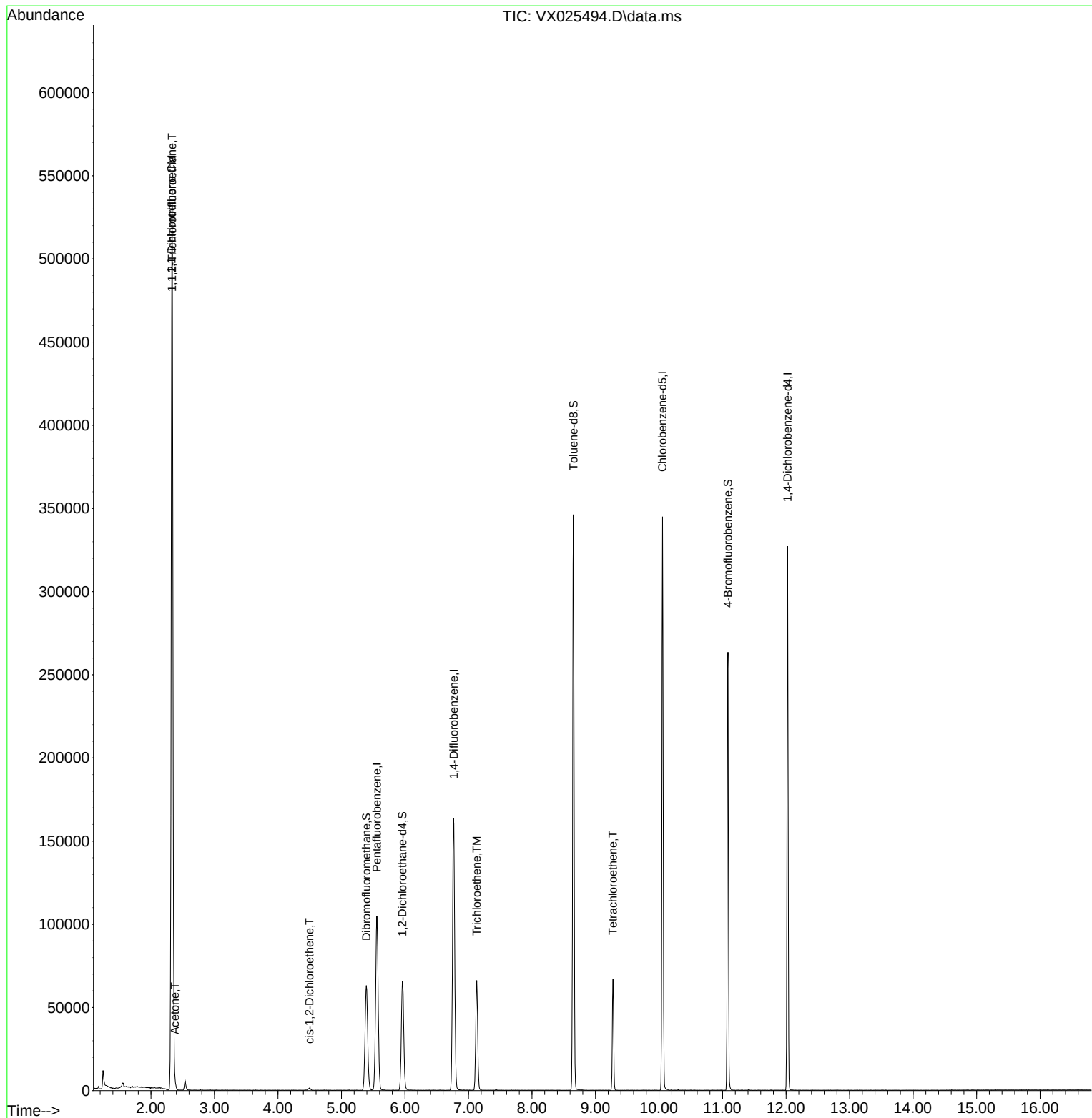
Internal Standards						
1) Pentafluorobenzene	5.556	168	103538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	178412	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	158874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	67862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	61497	56.349	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.700%	
35) Dibromofluoromethane	5.391	113	54600	49.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.760%	
50) Toluene-d8	8.653	98	204043	49.575	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.160%	
62) 4-Bromofluorobenzene	11.085	95	70483	45.267	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.540%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	208924	216.827	ug/l	99
12) 1,1-Dichloroethene	2.325	96	1394	1.453	ug/l #	71
16) Acetone	2.380	43	2221	3.662	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	928	0.756	ug/l	88
44) Trichloroethene	7.129	130	26502	19.347	ug/l	95
64) Tetrachloroethene	9.275	164	12902	9.848	ug/l	92

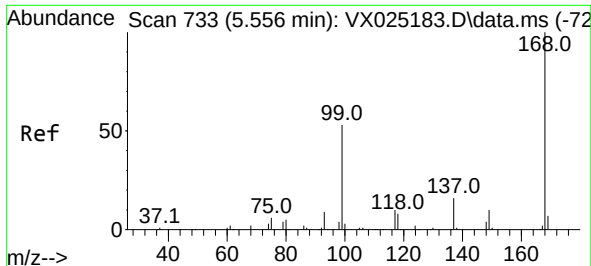
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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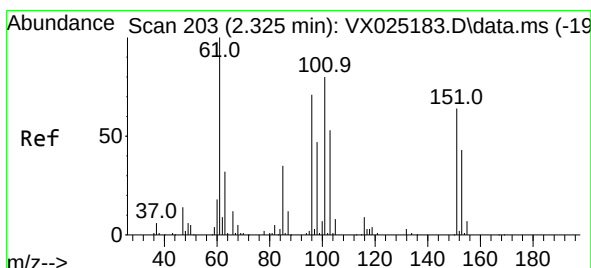
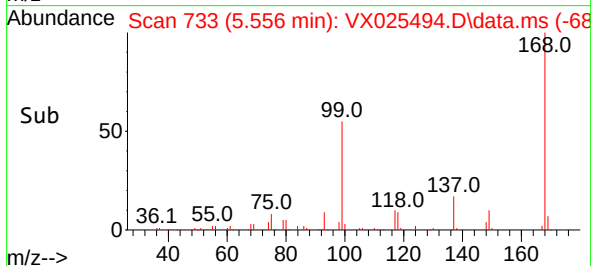
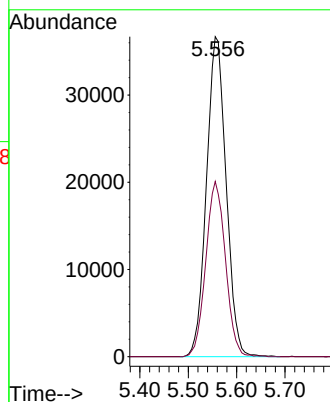
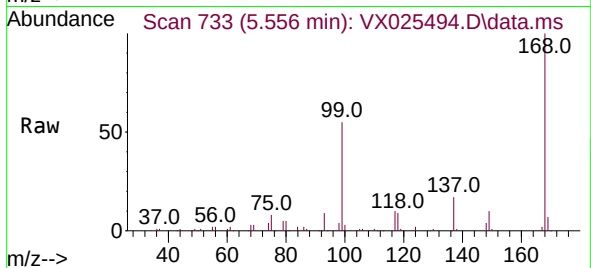




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX025494.D
Acq: 03 Dec 2021 19:50

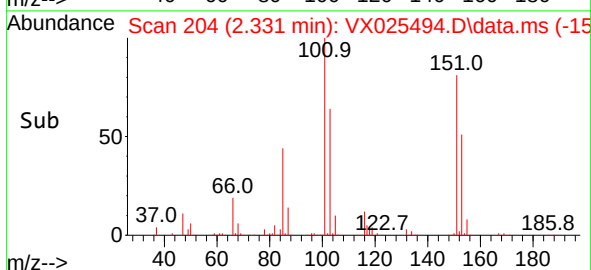
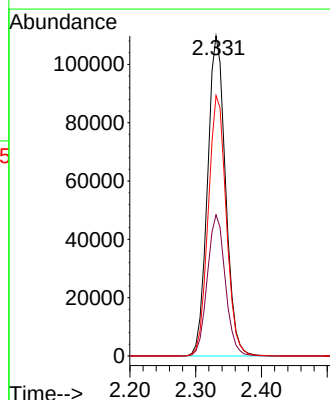
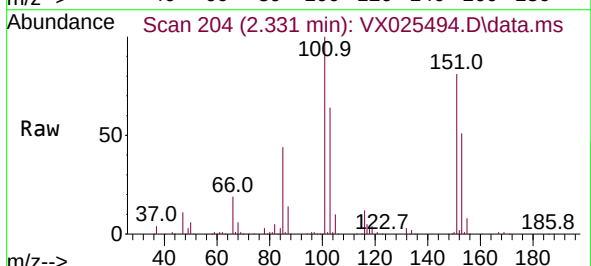
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20211202

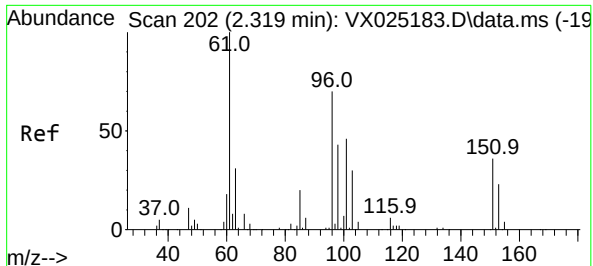
Tgt Ion:168 Resp: 103538
Ion Ratio Lower Upper
168 100
99 54.8 46.4 69.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 216.827 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX025494.D
Acq: 03 Dec 2021 19:50

Tgt Ion:101 Resp: 208924
Ion Ratio Lower Upper
101 100
85 44.0 35.9 53.9
151 81.5 64.4 96.6





#12

1,1-Dichloroethene

Concen: 1.453 ug/l

RT: 2.325 min Scan# 202

Delta R.T. 0.006 min

Lab File: VX025494.D

Acq: 03 Dec 2021 19:50

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20211202

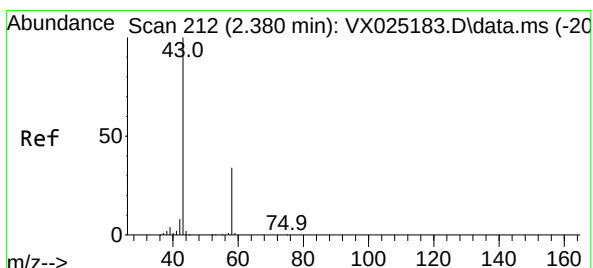
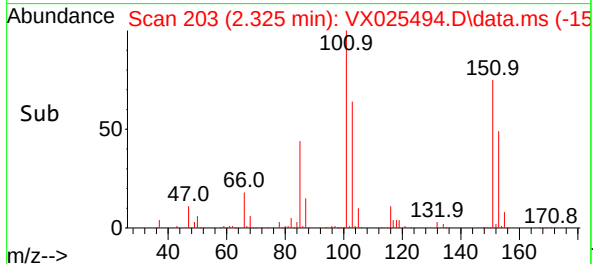
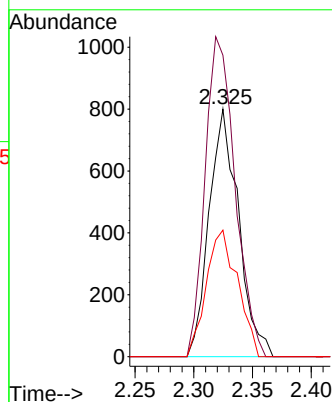
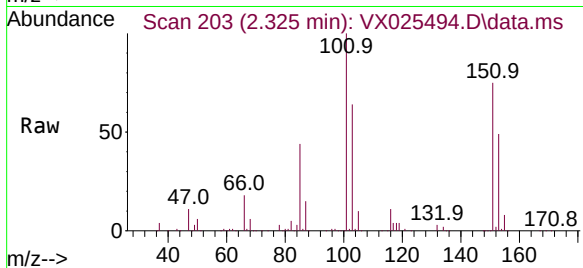
Tgt Ion: 96 Resp: 1394

Ion Ratio Lower Upper

96 100

61 121.8 134.1 201.1#

98 51.1 51.5 77.3#



#16

Acetone

Concen: 3.662 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX025494.D

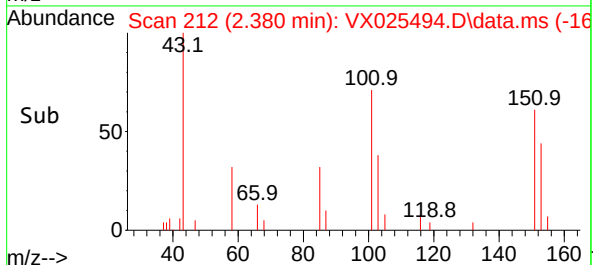
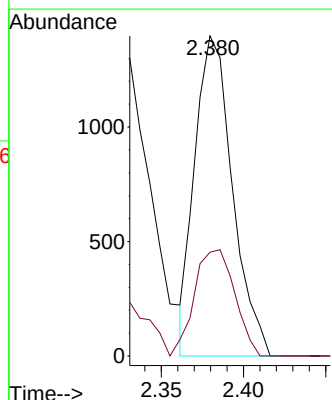
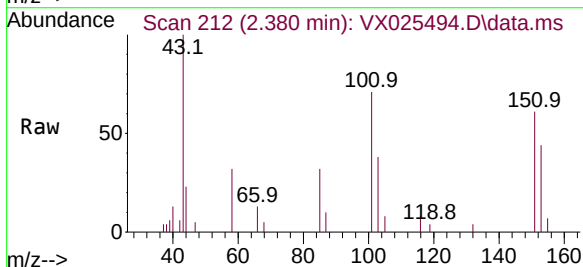
Acq: 03 Dec 2021 19:50

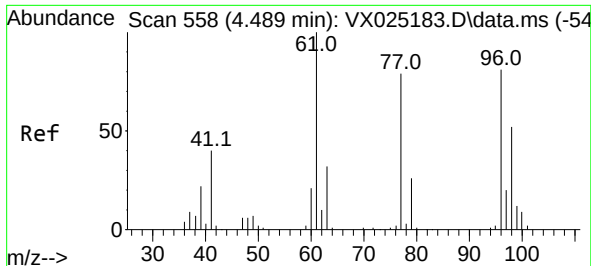
Tgt Ion: 43 Resp: 2221

Ion Ratio Lower Upper

43 100

58 32.4 24.0 36.0

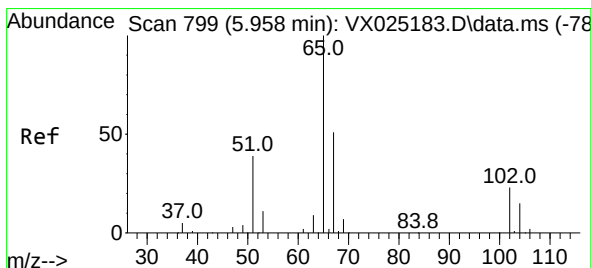
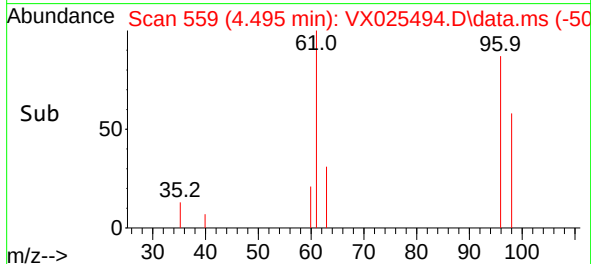
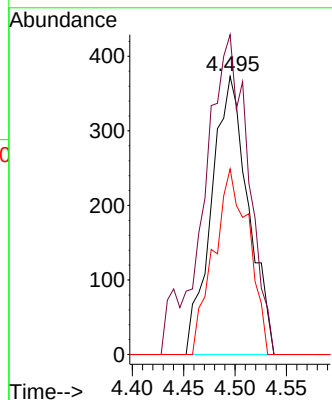
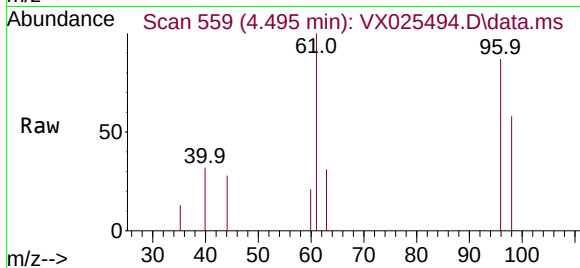




#27
 cis-1,2-Dichloroethene
 Concen: 0.756 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX025494.D
 Acq: 03 Dec 2021 19:50

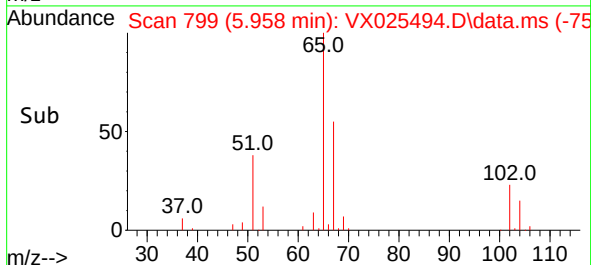
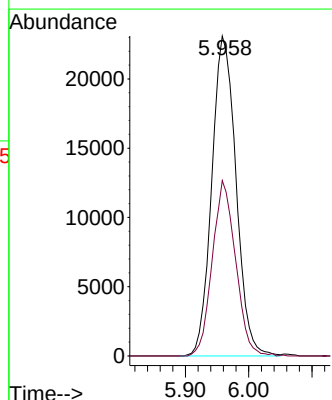
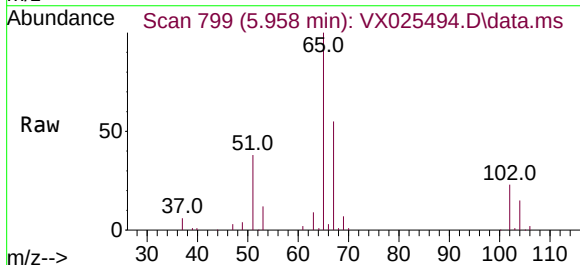
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20211202

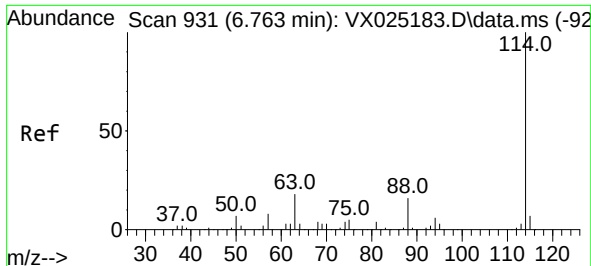
Tgt Ion: 96	Resp:	928	
Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	302.2
98	63.8	0.0	131.4



#33
 1,2-Dichloroethane-d4
 Concen: 56.349 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX025494.D
 Acq: 03 Dec 2021 19:50

Tgt Ion: 65	Resp: 61497
Ion Ratio	Lower Upper
65 100	
67 52.6	0.0 101.0

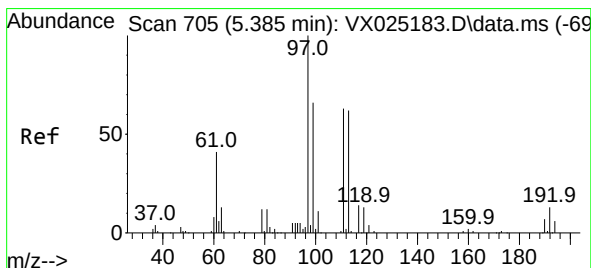
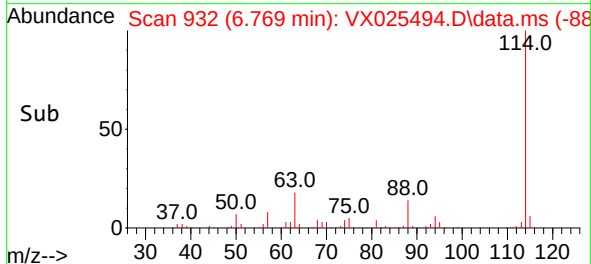
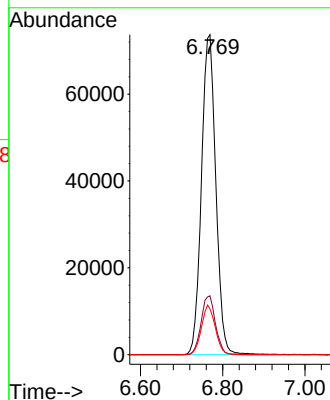
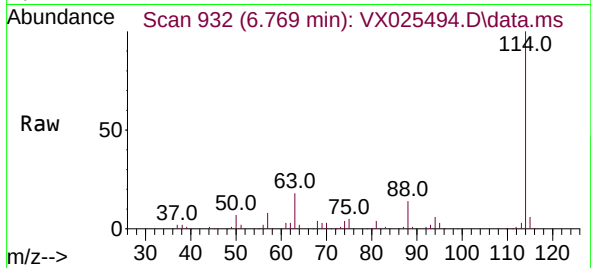




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025494.D
Acq: 03 Dec 2021 19:50

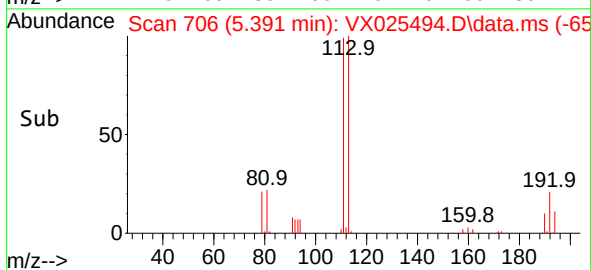
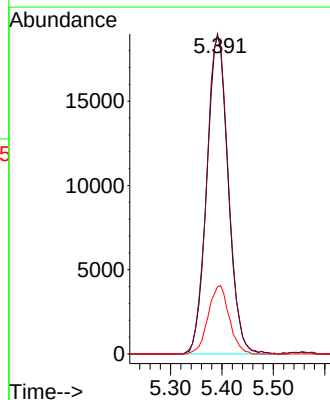
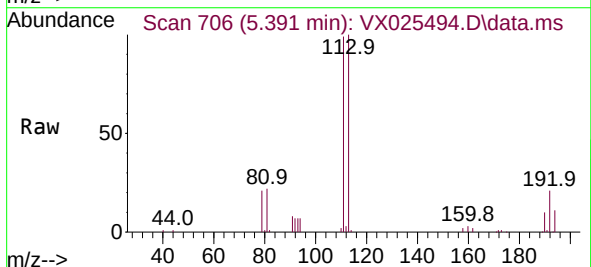
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20211202

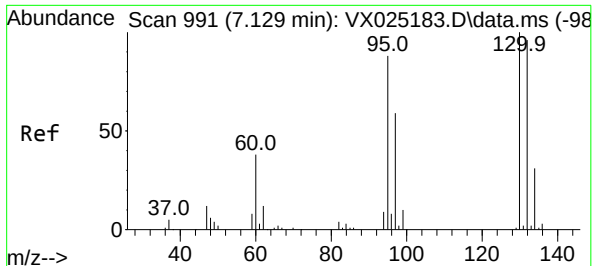
Tgt Ion:114 Resp: 178412
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.0
88 14.4 0.0 34.8



#35
Dibromofluoromethane
Concen: 49.878 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025494.D
Acq: 03 Dec 2021 19:50

Tgt Ion:113 Resp: 54600
Ion Ratio Lower Upper
113 100
111 102.1 82.1 123.1
192 21.2 15.6 23.4

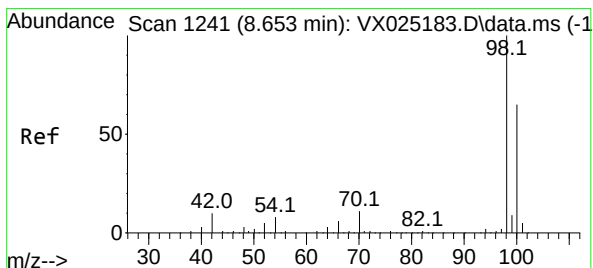
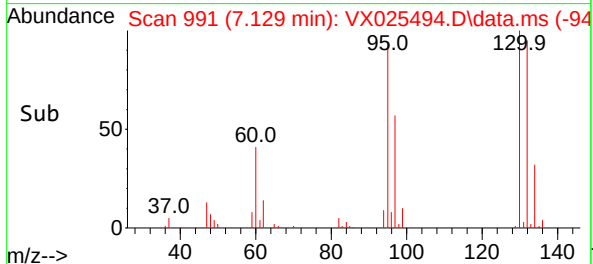
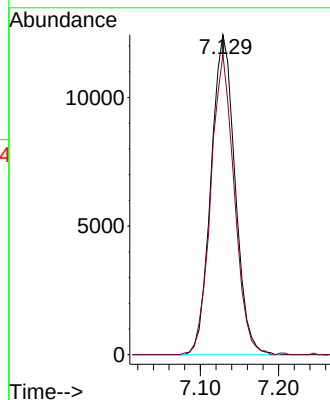
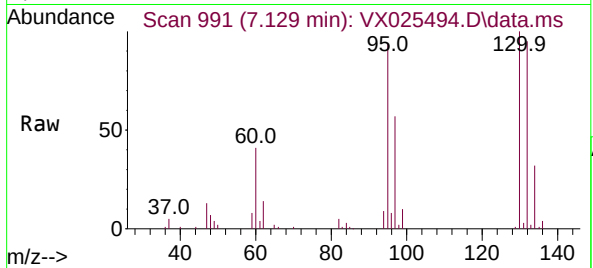




#44
 Trichloroethene
 Concen: 19.347 ug/l
 RT: 7.129 min Scan# 991
 Delta R.T. -0.000 min
 Lab File: VX025494.D
 Acq: 03 Dec 2021 19:50

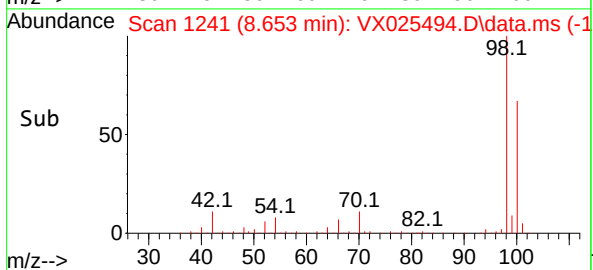
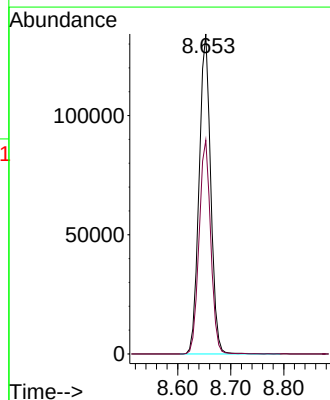
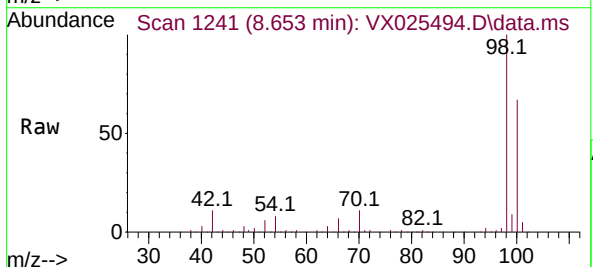
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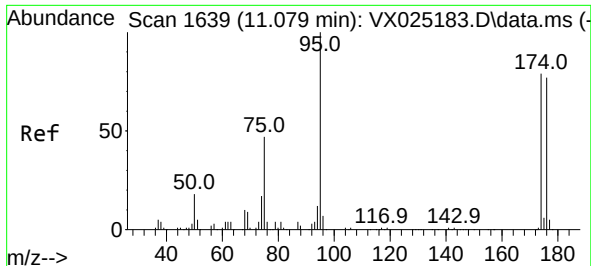
Tgt Ion:130 Resp: 26502
 Ion Ratio Lower Upper
 130 100
 95 93.8 0.0 196.8



#50
 Toluene-d8
 Concen: 49.575 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. -0.000 min
 Lab File: VX025494.D
 Acq: 03 Dec 2021 19:50

Tgt Ion: 98 Resp: 204043
 Ion Ratio Lower Upper
 98 100
 100 66.9 51.4 77.0

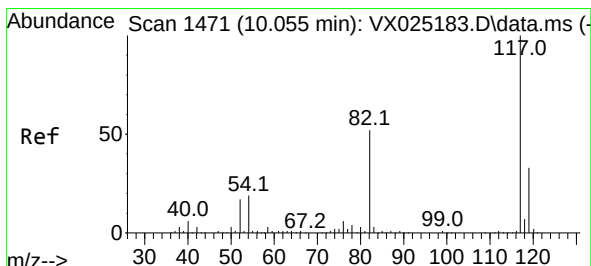
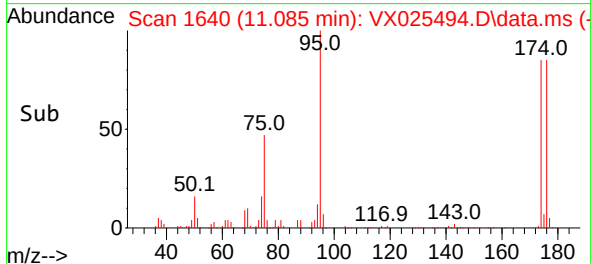
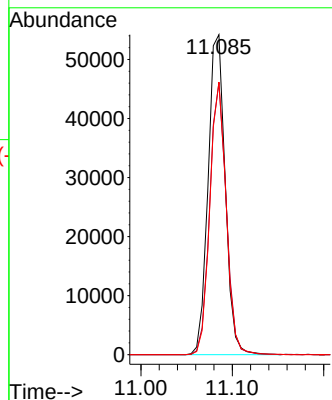
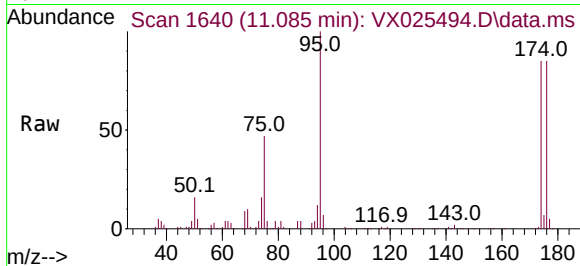




#62
4-Bromofluorobenzene
Concen: 45.267 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025494.D
Acq: 03 Dec 2021 19:50

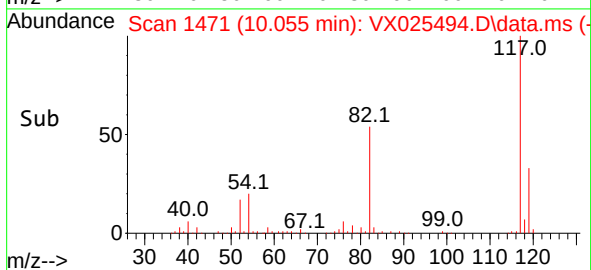
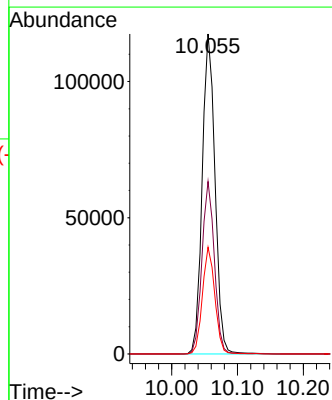
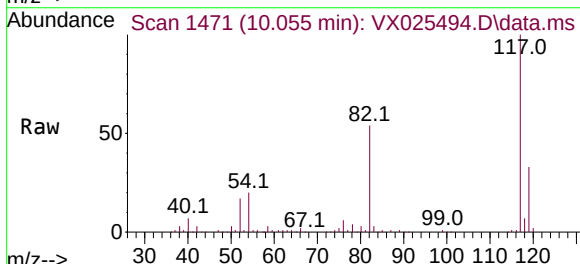
Instrument :
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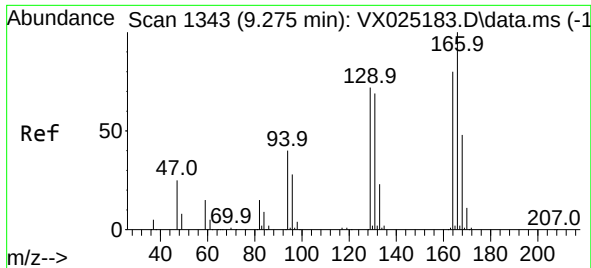
Tgt Ion: 95 Resp: 70483
Ion Ratio Lower Upper
95 100
174 82.0 0.0 158.0
176 81.1 0.0 153.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX025494.D
Acq: 03 Dec 2021 19:50

Tgt Ion: 117 Resp: 158874
Ion Ratio Lower Upper
117 100
82 53.9 44.6 67.0
119 33.4 24.8 37.2



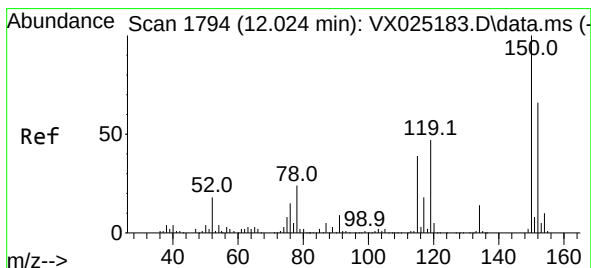
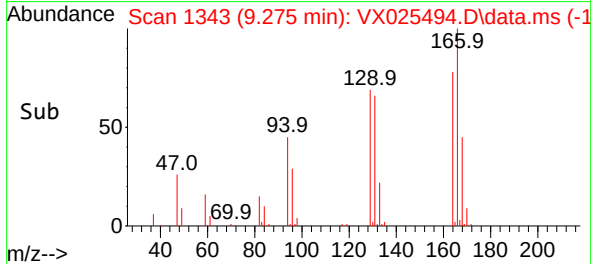
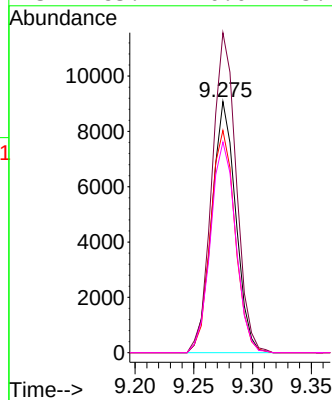
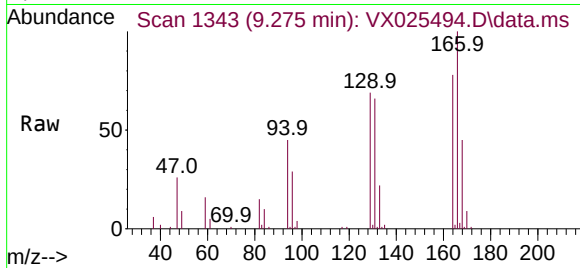


#64
Tetrachloroethene
Concen: 9.848 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025494.D
Acq: 03 Dec 2021 19:50

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20211202

Tgt Ion:164 Resp: 12902

Ion	Ratio	Lower	Upper
164	100		
166	127.4	103.2	154.8
129	88.5	81.0	121.4
131	83.9	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: VX025494.D
Acq: 03 Dec 2021 19:50

Tgt Ion:152 Resp: 67862

Ion	Ratio	Lower	Upper
152	100		
115	57.8	43.3	129.8
150	158.2	0.0	351.2

