

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022908.D
 Acq On : 25 Jun 2021 07:52
 Operator : JC/MD
 Sample : M2838-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20210621

Quant Time: Jun 25 08:28:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

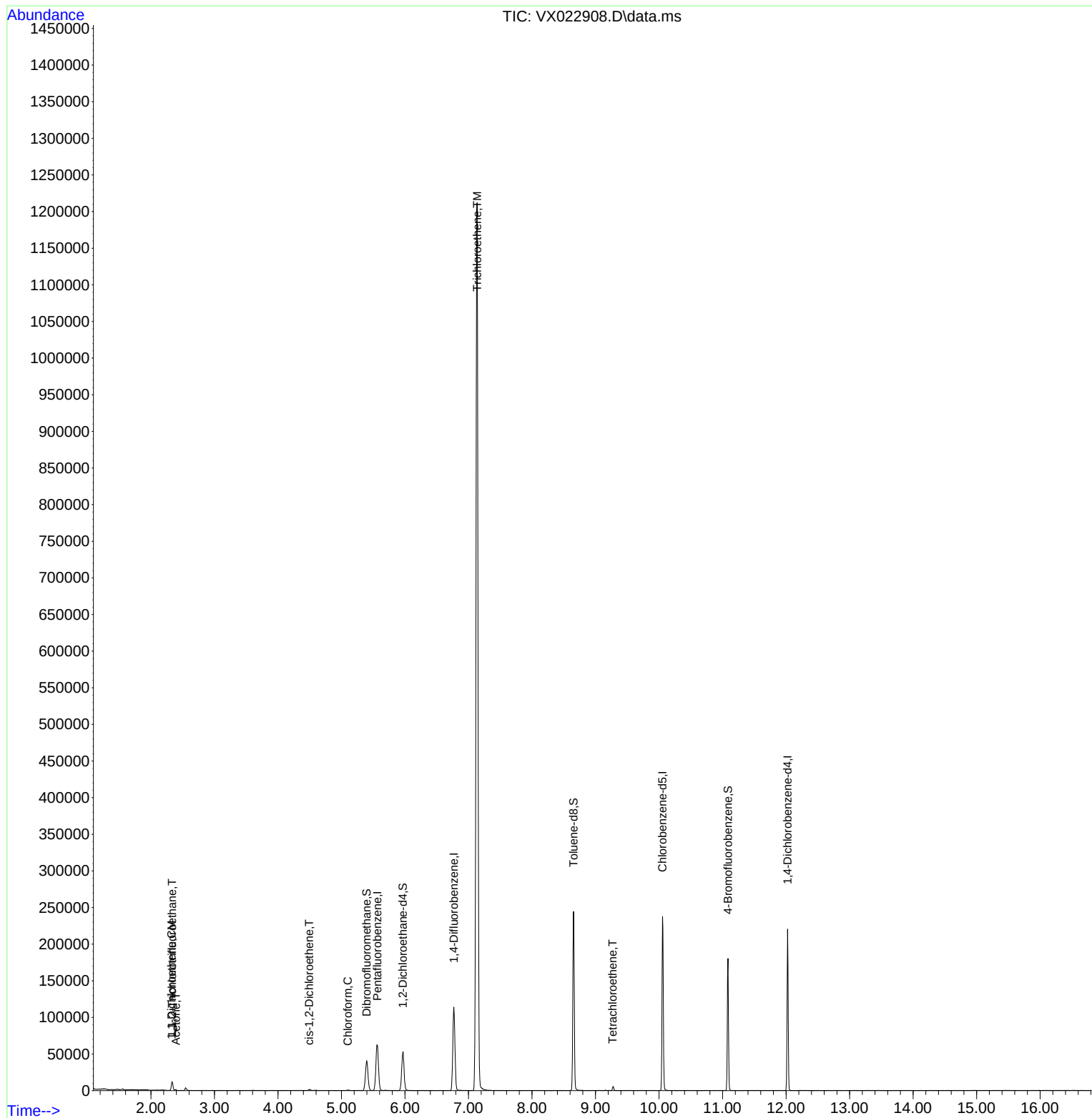
Internal Standards						
1) Pentafluorobenzene	5.562	168	51812	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	107613	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	99299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	37590	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47547	50.567	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 101.140%		
35) Dibromofluoromethane	5.397	113	33288	48.712	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.420%		
50) Toluene-d8	8.653	98	135665	50.654	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 101.300%		
62) 4-Bromofluorobenzene	11.085	95	47059	47.080	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 94.160%		
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	4466	6.629	ug/l	89
12) 1,1-Dichloroethene	2.325	96	483	0.719	ug/l	# 44
16) Acetone	2.392	43	1221	2.929	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	921	1.113	ug/l	95
30) Chloroform	5.099	83	758	0.531	ug/l	# 60
44) Trichloroethene	7.135	130	417474	534.104	ug/l	90
64) Tetrachloroethene	9.268	164	966	1.384	ug/l	# 55

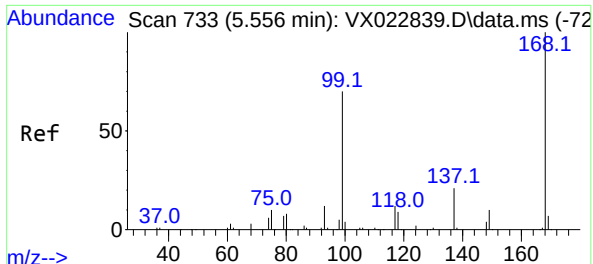
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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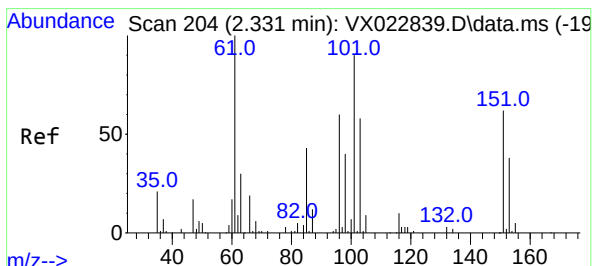
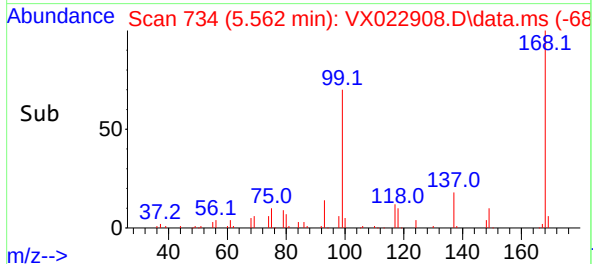
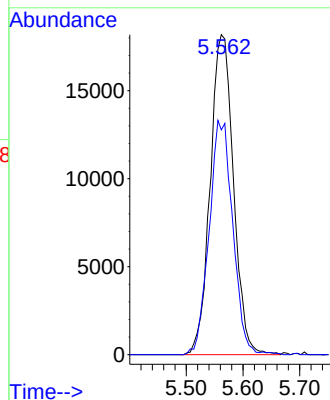
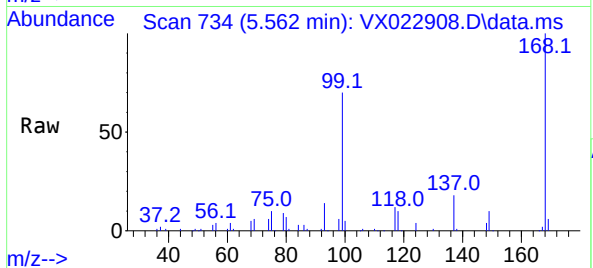




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

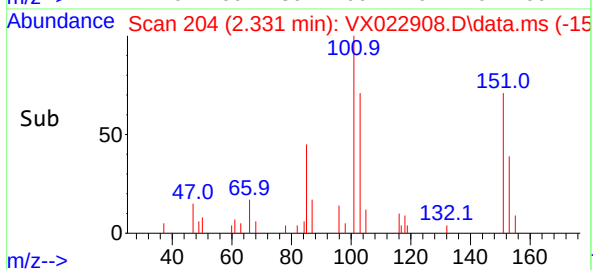
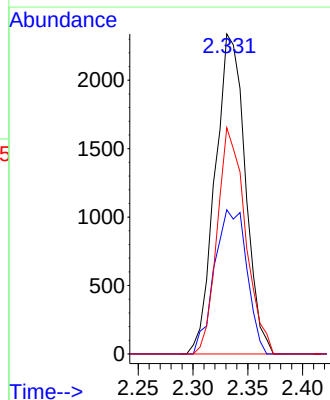
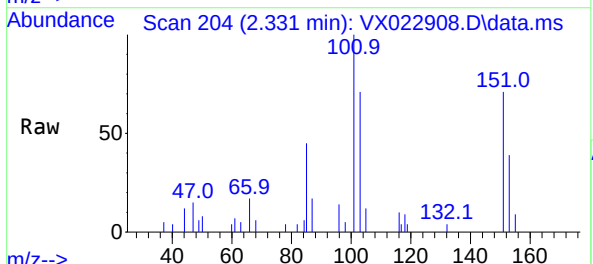
Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621

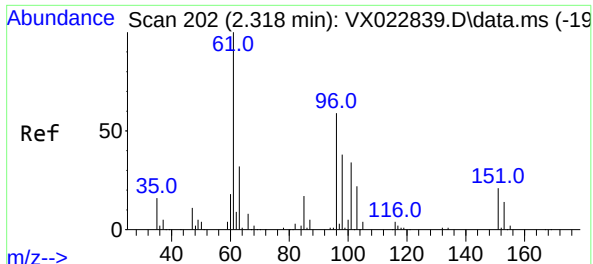
Tgt Ion:168 Resp: 51812
Ion Ratio Lower Upper
168 100
99 70.2 45.8 68.6#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.629 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion:101 Resp: 4466
Ion Ratio Lower Upper
101 100
85 48.5 34.9 52.3
151 66.2 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.719 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.007 min

Lab File: VX022908.D

Acq: 25 Jun 2021 07:52

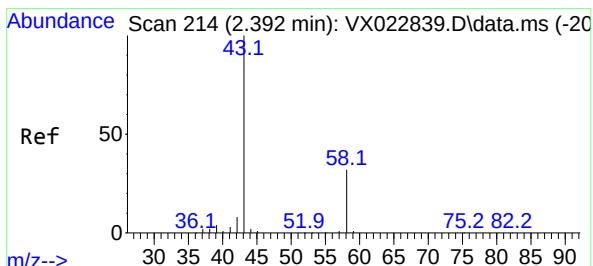
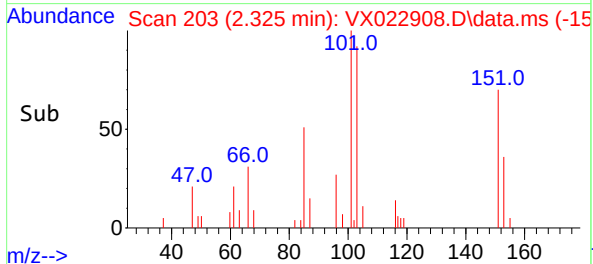
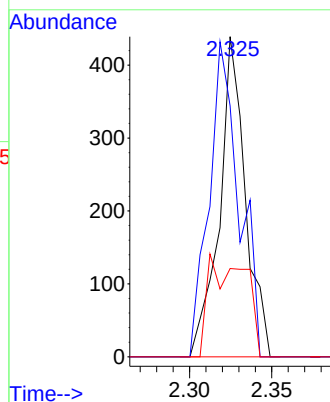
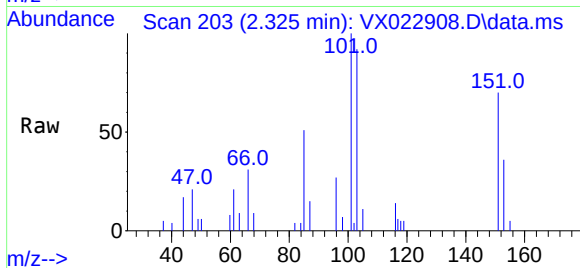
Tgt Ion: 96 Resp: 483

Ion Ratio Lower Upper

96 100

61 78.4 124.6 187.0#

98 27.6 50.6 76.0#



#16

Acetone

Concen: 2.929 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022908.D

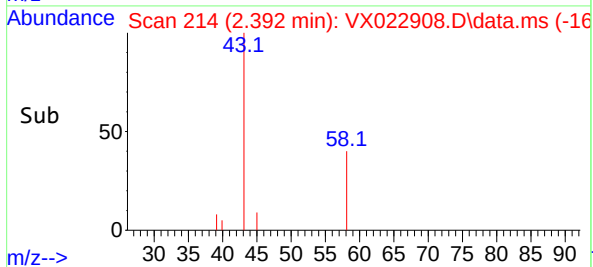
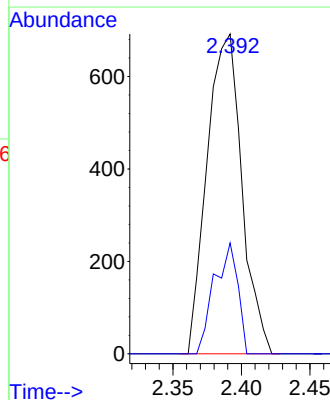
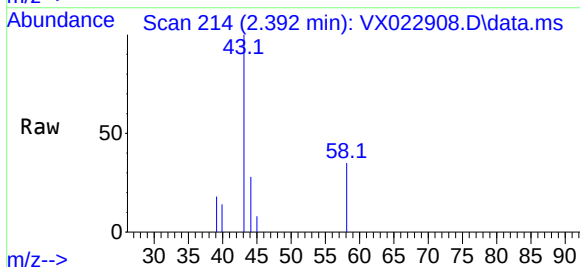
Acq: 25 Jun 2021 07:52

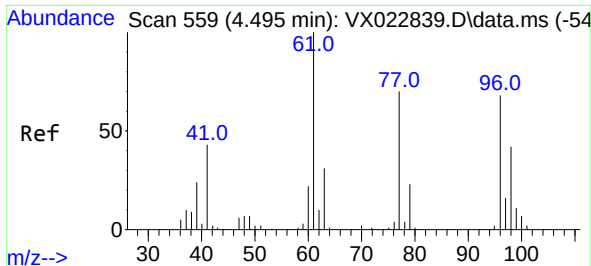
Tgt Ion: 43 Resp: 1221

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.8



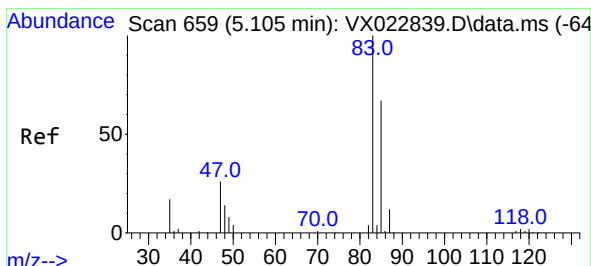
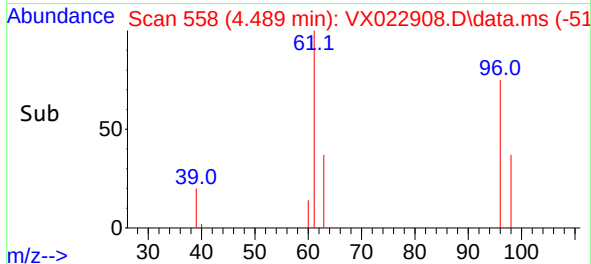
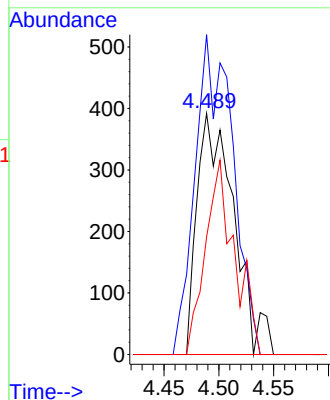
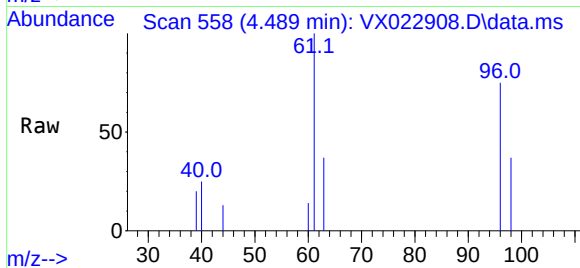


#27
cis-1,2-Dichloroethene
Concen: 1.113 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.006 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621

Tgt Ion: 96 Resp: 921

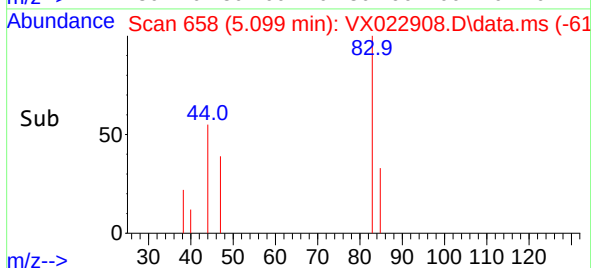
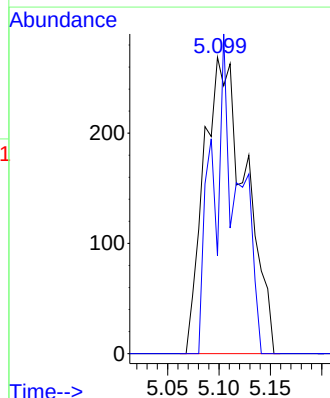
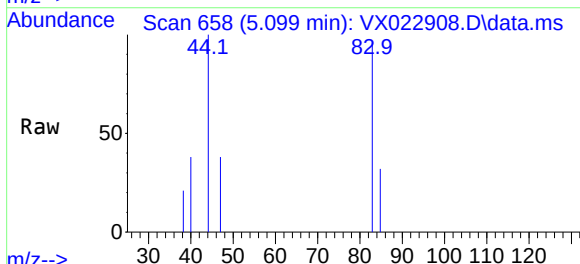
Ion	Ratio	Lower	Upper
96	100		
61	135.1	0.0	285.6
98	63.5	0.0	129.6

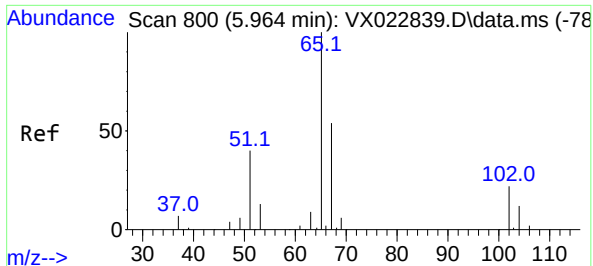


#30
Chloroform
Concen: 0.531 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion: 83 Resp: 758

Ion	Ratio	Lower	Upper
83	100		
85	33.1	52.0	78.0#



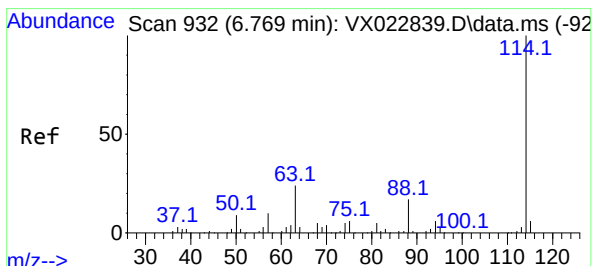
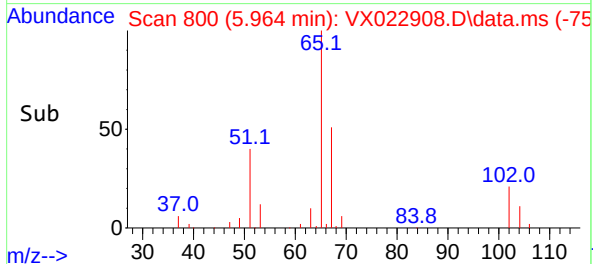
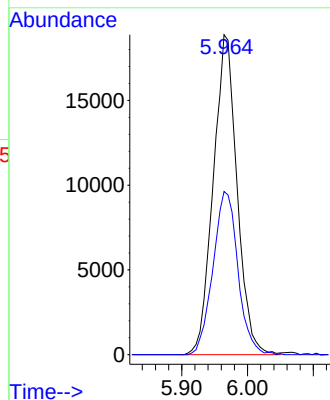
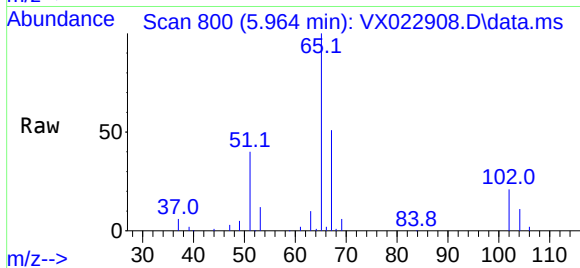


#33

1,2-Dichloroethane-d4
Concen: 50.567 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Instrument :
MSVOA_X
ClientSampleId :
RE103D3-20210621

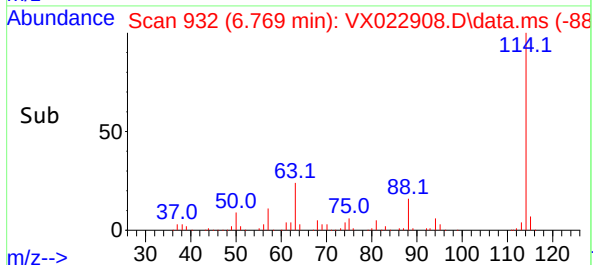
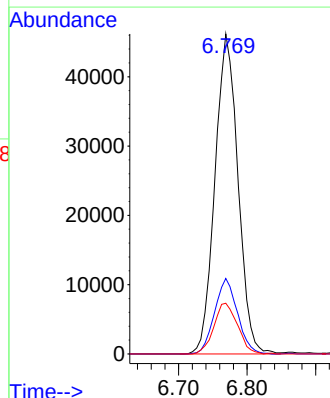
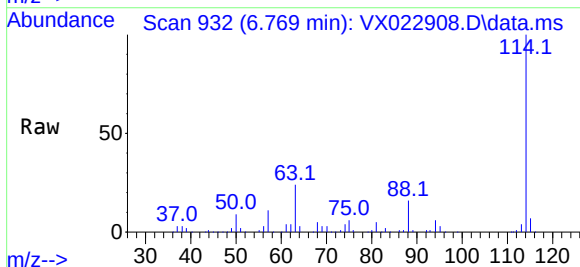
Tgt Ion: 65 Resp: 47547
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

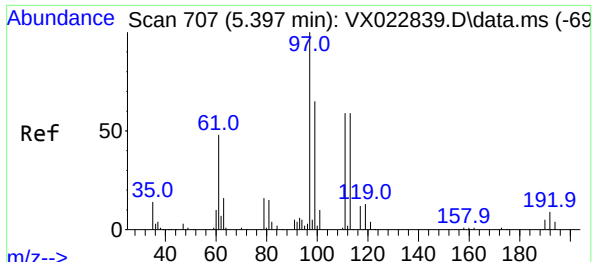


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion: 114 Resp: 107613
Ion Ratio Lower Upper
114 100
63 23.6 0.0 40.8
88 15.8 0.0 32.8

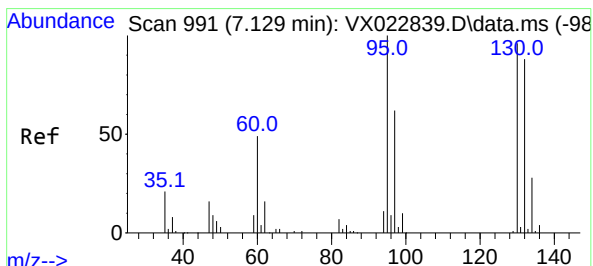
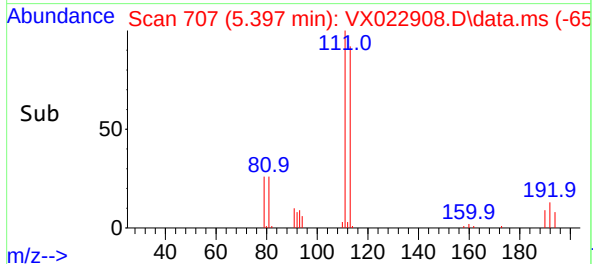
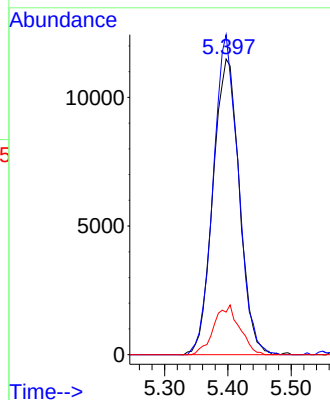
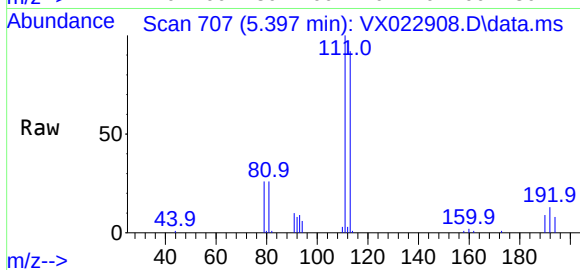




#35
Dibromofluoromethane
Concen: 48.712 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

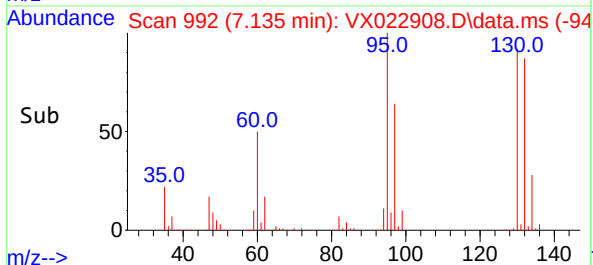
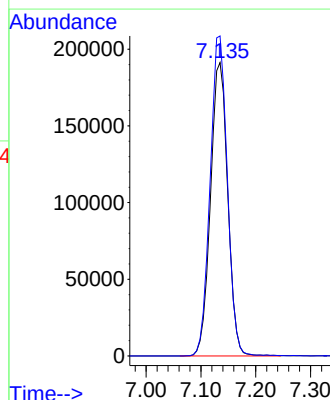
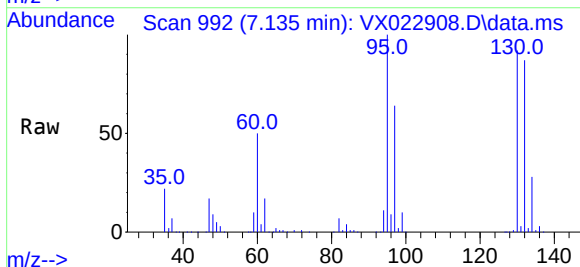
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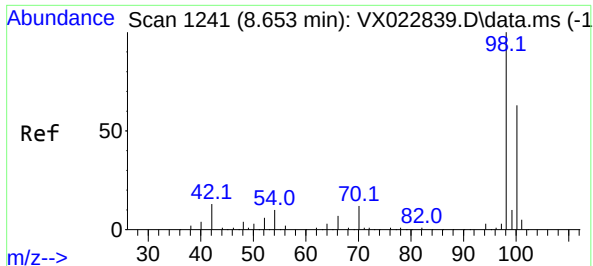
Tgt Ion:113 Resp: 33288
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 16.3 16.7 25.1#



#44
Trichloroethene
Concen: 534.104 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion:130 Resp: 417474
Ion Ratio Lower Upper
130 100
95 109.1 0.0 198.0

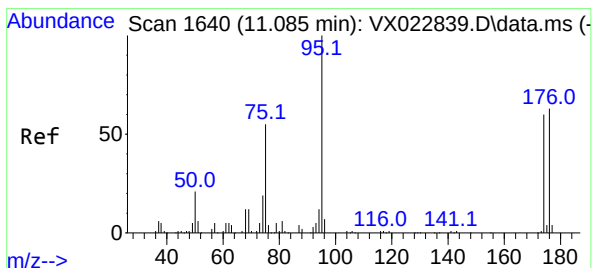
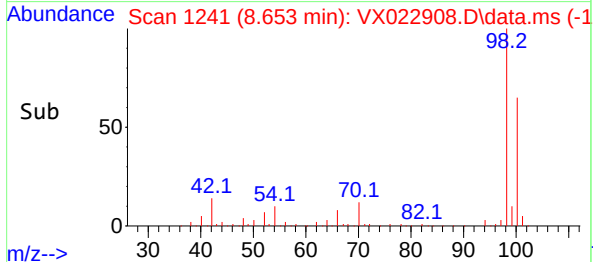
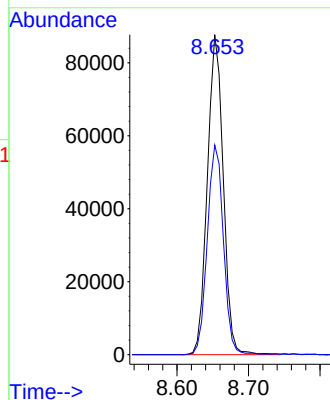
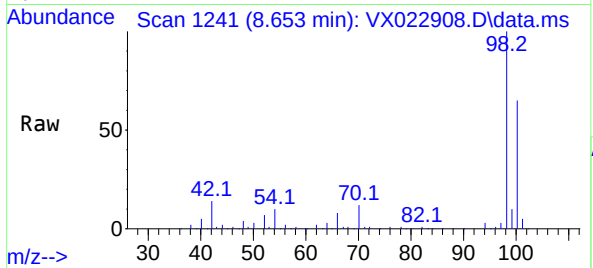




#50
Toluene-d8
Concen: 50.654 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

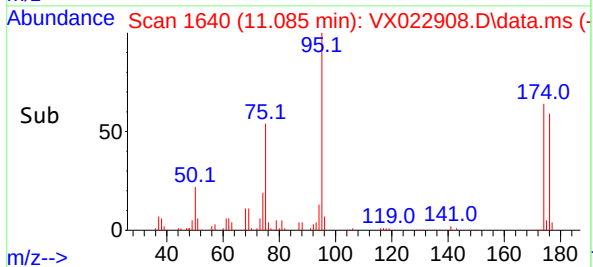
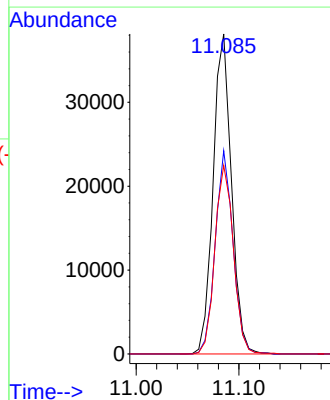
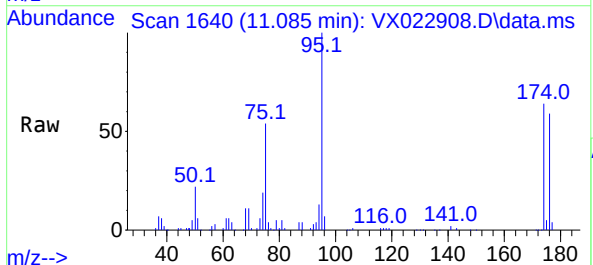
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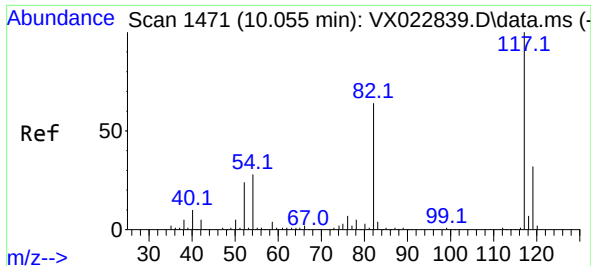
Tgt Ion: 98 Resp: 135665
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.080 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion: 95 Resp: 47059
Ion Ratio Lower Upper
95 100
174 61.5 0.0 154.6
176 59.8 0.0 155.8

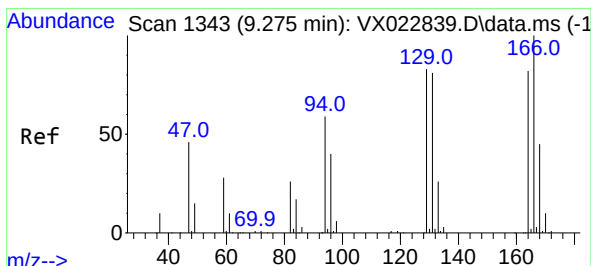
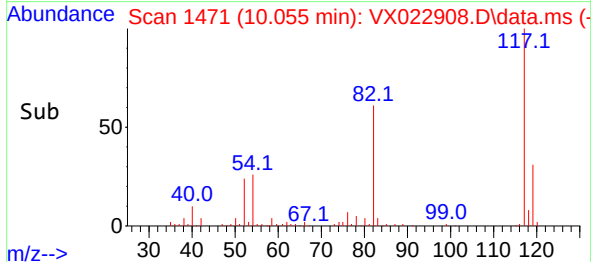
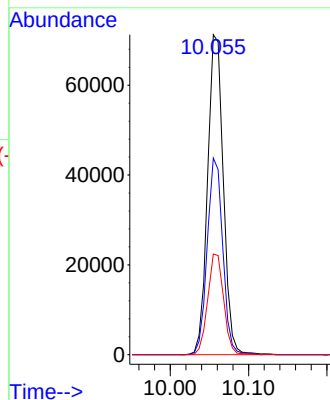
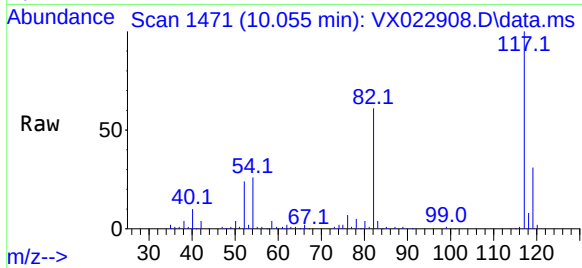




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

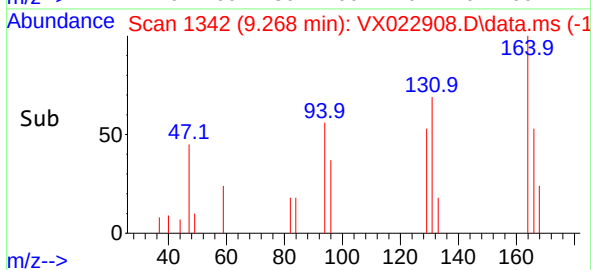
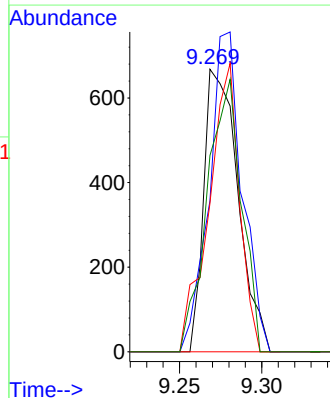
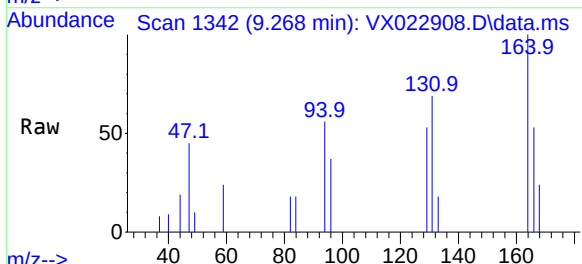
Instrument :
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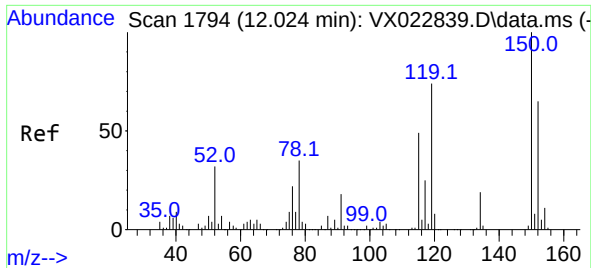
Tgt Ion:	117	Resp:	99299
Ion	Ratio	Lower	Upper
117	100		
82	61.4	47.4	71.2
119	31.5	26.6	39.8



#64
Tetrachloroethene
Concen: 1.384 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.007 min
Lab File: VX022908.D
Acq: 25 Jun 2021 07:52

Tgt Ion:	164	Resp:	966
Ion	Ratio	Lower	Upper
164	100		
166	53.4	103.4	155.2#
129	52.5	70.8	106.2#
131	69.5	72.5	108.7#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022908.D
 Acq: 25 Jun 2021 07:52

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D3-20210621

Tgt Ion:152 Resp: 37590
 Ion Ratio Lower Upper
 152 100
 115 67.3 41.1 123.3
 150 159.9 0.0 349.0

