

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020821.D
 Acq On : 29 Jan 2021 22:38
 Operator : JC/SP
 Sample : M1289-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-1D(OFFSITE)

Quant Time: Jan 30 02:41:12 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

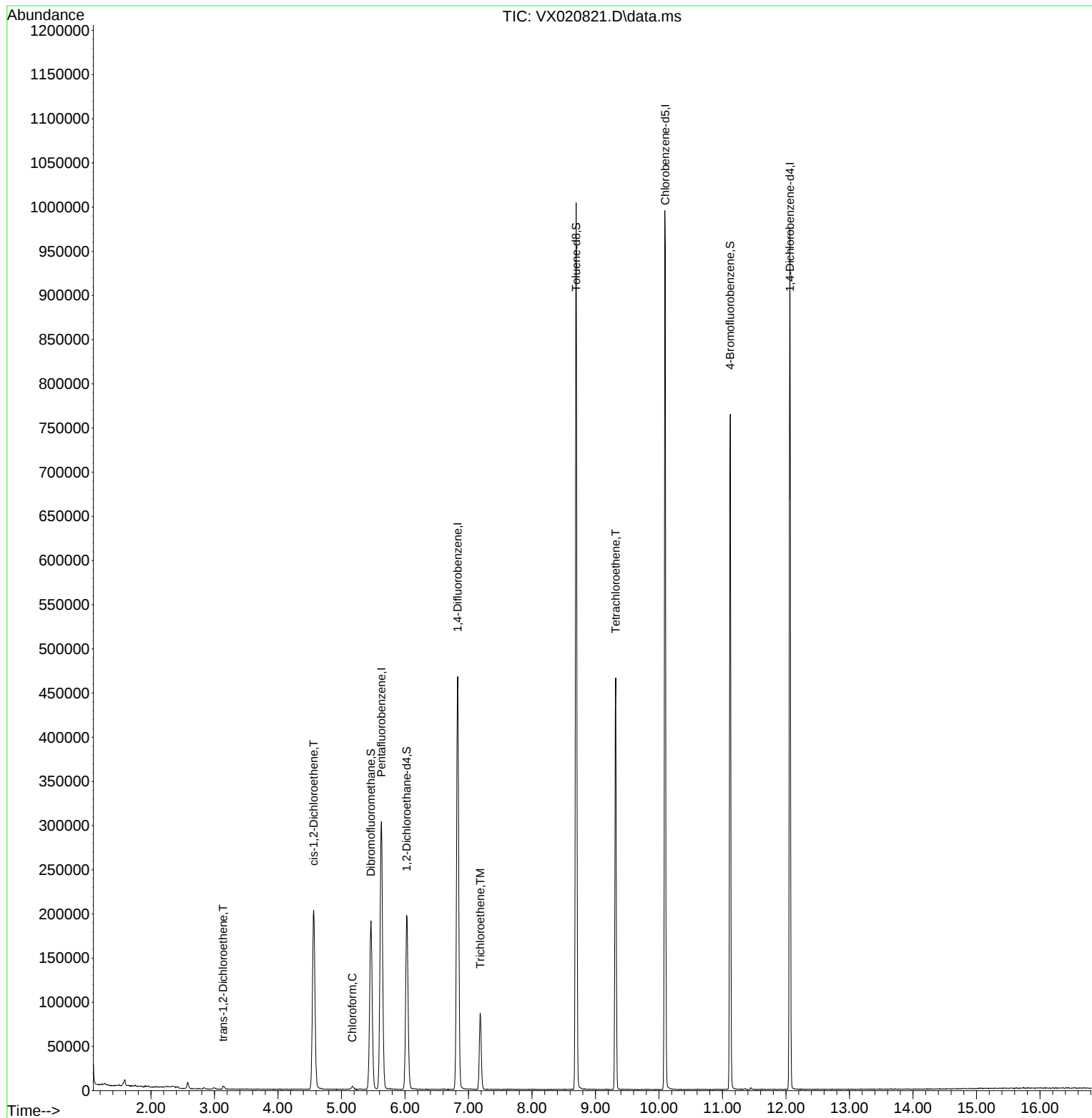
Internal Standards						
1) Pentafluorobenzene	5.629	168	284327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	476828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	467566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	199973	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	192024	49.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.02%
35) Dibromofluoromethane	5.465	113	166137	50.87	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.74%
50) Toluene-d8	8.696	98	597067	49.86	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.72%
62) 4-Bromofluorobenzene	11.122	95	208541	44.85	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.70%
Target Compounds						
					Qvalue	
21) trans-1,2-Dichloroethene	3.136	96	1478	0.43	ug/l	95
27) cis-1,2-Dichloroethene	4.562	96	136421	36.47	ug/l	89
30) Chloroform	5.172	83	3412	0.55	ug/l #	80
44) Trichloroethene	7.184	130	33631	8.97	ug/l	99
64) Tetrachloroethene	9.317	164	88961	24.82	ug/l	96

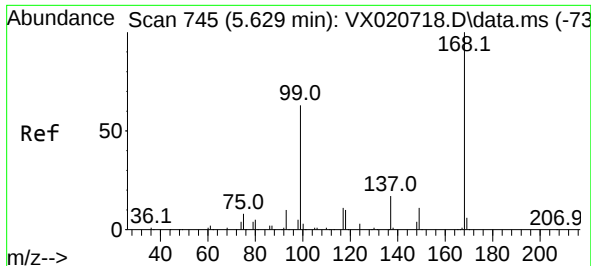
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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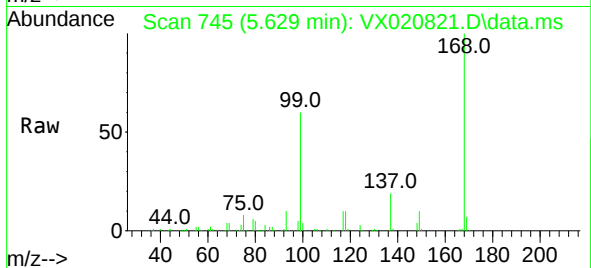
Quant Time: Jan 30 02:41:12 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
Quant Title : SW846 8260
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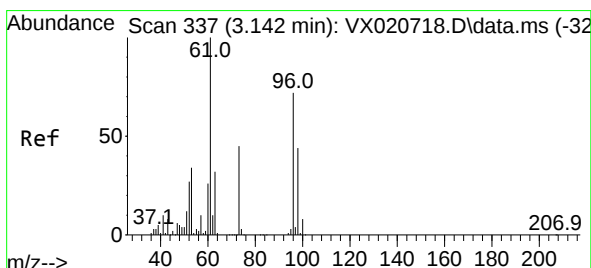
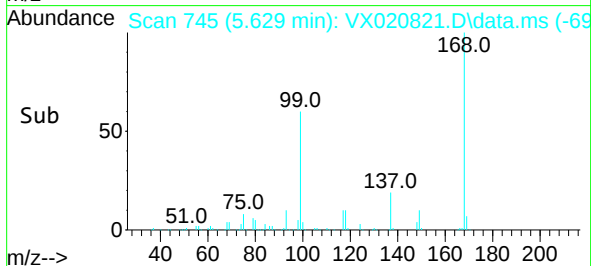
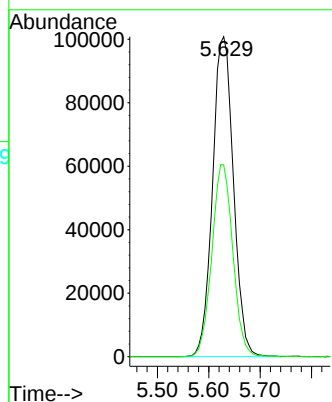


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Instrument :
MSVOA_X
ClientSampleId :
152140-MW-1D(OFFSITE)

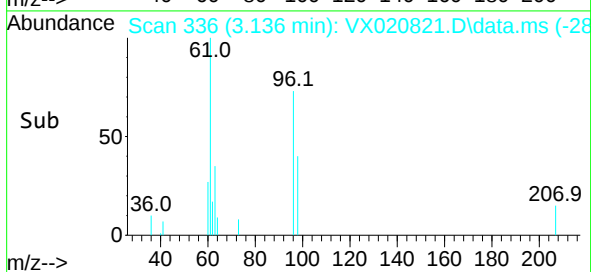
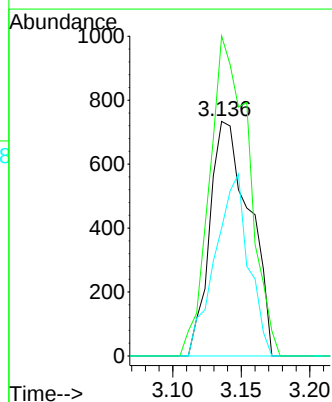
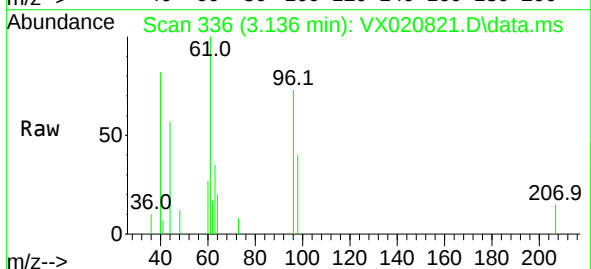


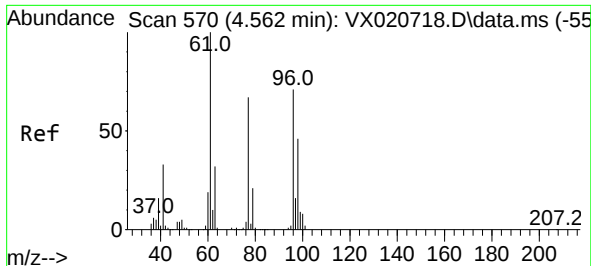
Tgt Ion:168 Resp: 284327
Ion Ratio Lower Upper
168 100
99 60.0 45.8 68.6



#21
trans-1,2-Dichloroethene
Concen: 0.43 ug/l
RT: 3.136 min Scan# 336
Delta R.T. -0.006 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Tgt Ion: 96 Resp: 1478
Ion Ratio Lower Upper
96 100
61 136.4 107.7 161.5
98 54.5 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 36.47 ug/l

RT: 4.562 min Scan# 570

Delta R.T. 0.000 min

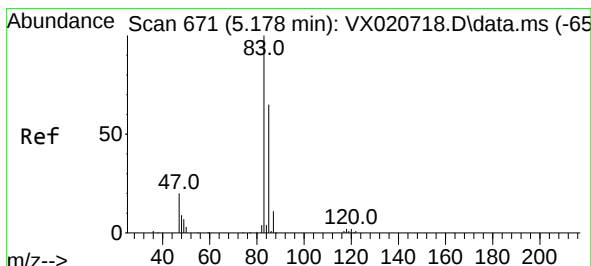
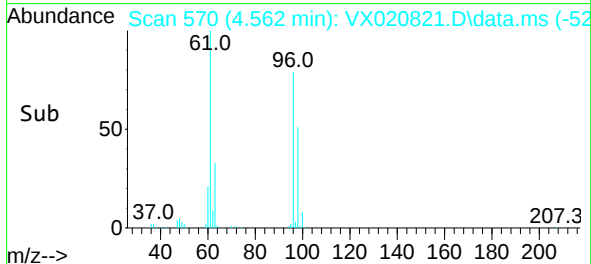
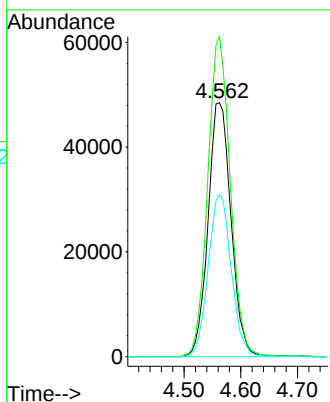
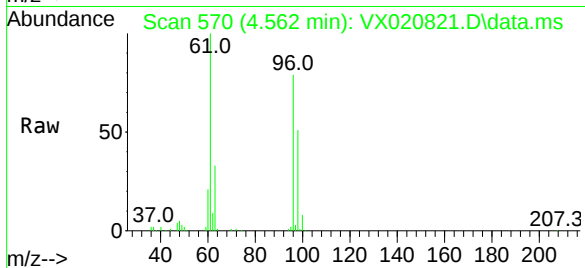
Lab File: VX020821.D

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Instrument :
MSVOA_X
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152140-MW-1D(OFFSITE)

Tgt Ion: 96 Resp: 136421

Ion	Ratio	Lower	Upper
96	100		
61	123.8	0.0	285.6
98	64.1	0.0	129.6



#30

Chloroform

Concen: 0.55 ug/l

RT: 5.172 min Scan# 670

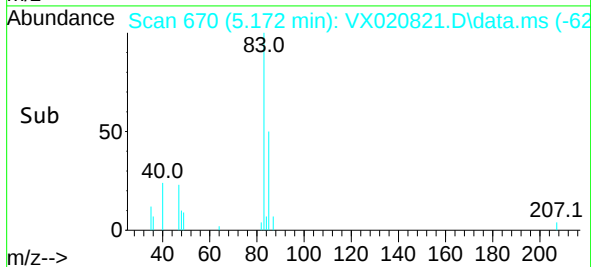
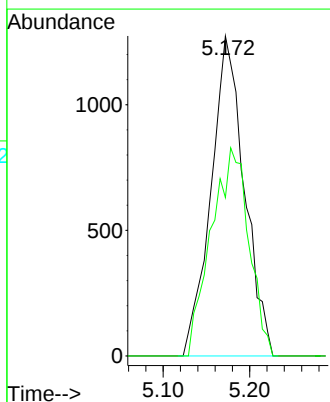
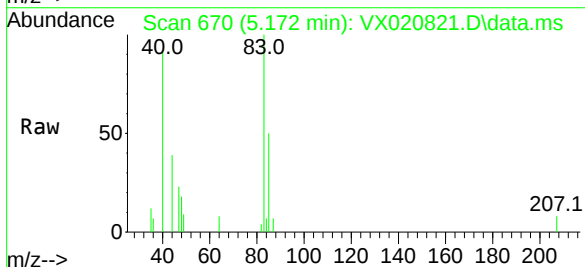
Delta R.T. -0.006 min

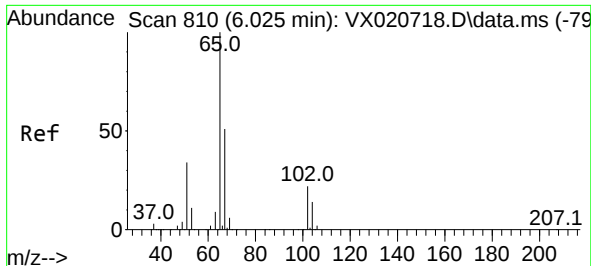
Lab File: VX020821.D

Acq: 29 Jan 2021 22:38

Tgt Ion: 83 Resp: 3412

Ion	Ratio	Lower	Upper
83	100		
85	49.5	52.0	78.0#





#33

1,2-Dichloroethane-d4

Concen: 49.51 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020821.D

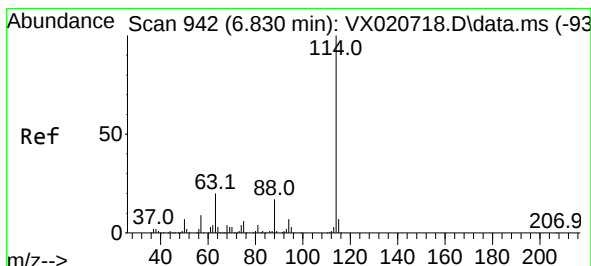
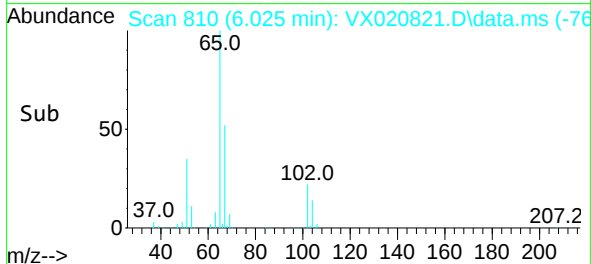
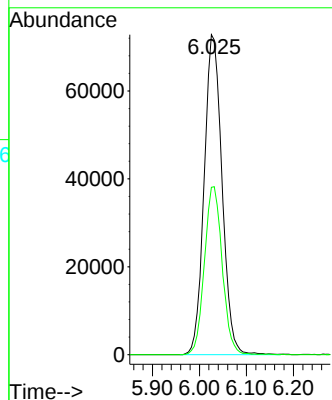
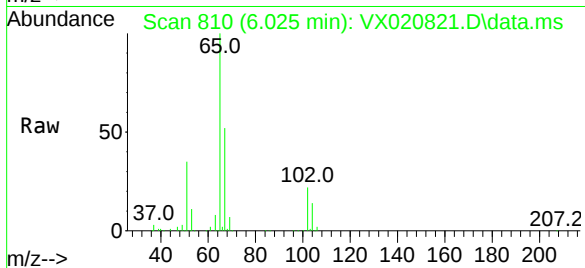
Acq: 29 Jan 2021 22:38

Tgt Ion: 65 Resp: 192024

Ion Ratio Lower Upper

65 100

67 52.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX020821.D

Acq: 29 Jan 2021 22:38

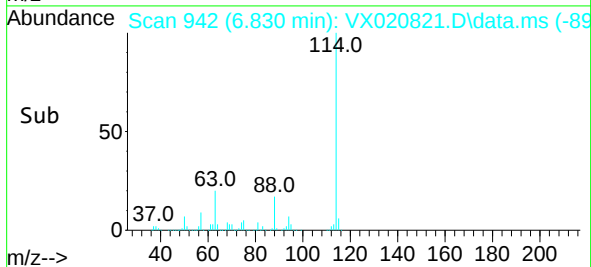
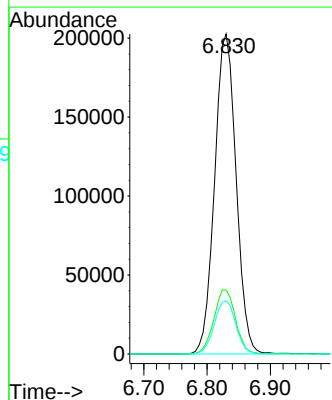
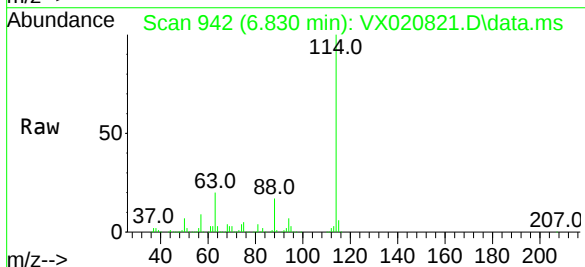
Tgt Ion: 114 Resp: 476828

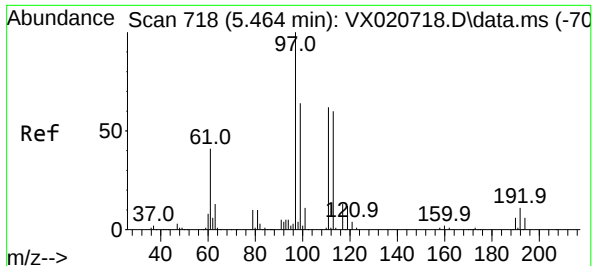
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

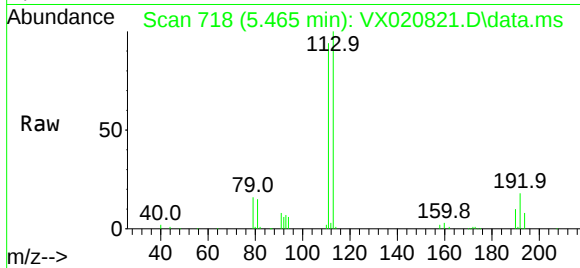
88 16.6 0.0 32.8



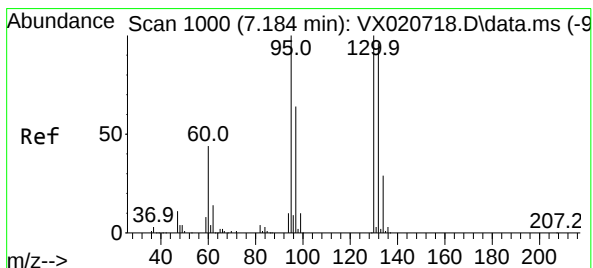
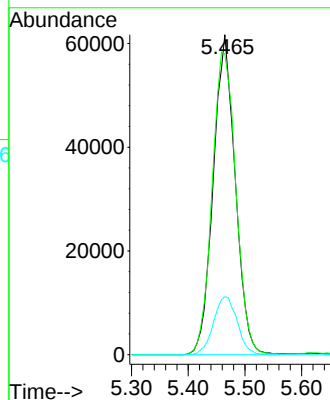
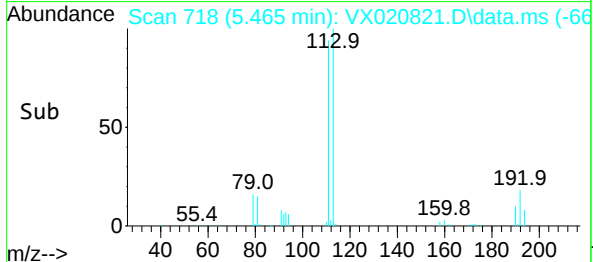


#35
Dibromofluoromethane
Concen: 50.87 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

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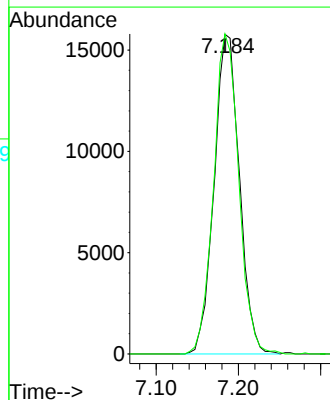
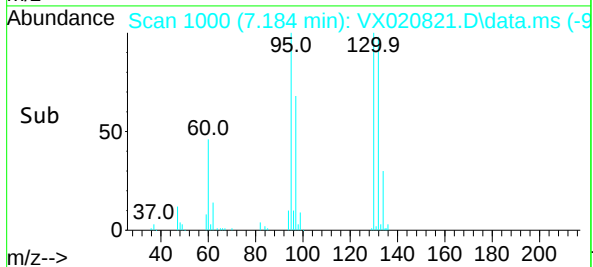
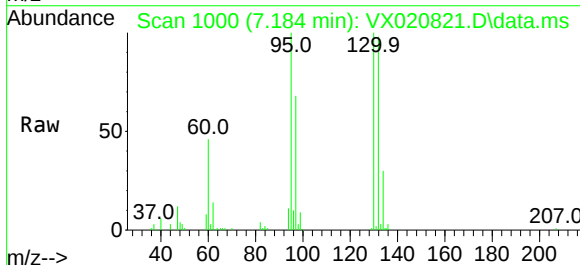


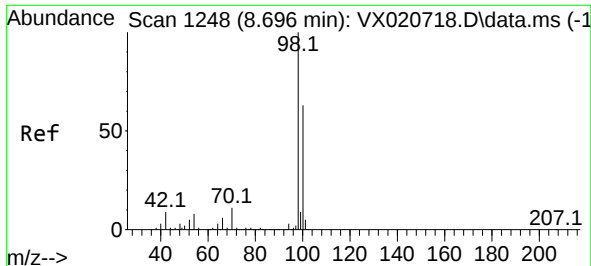
Tgt Ion:113 Resp: 166137
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.5 16.7 25.1



#44
Trichloroethene
Concen: 8.97 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Tgt Ion:130 Resp: 33631
Ion Ratio Lower Upper
130 100
95 100.1 0.0 198.0

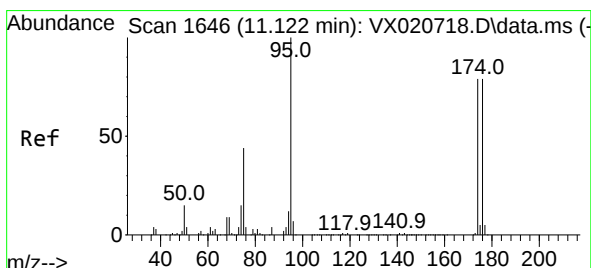
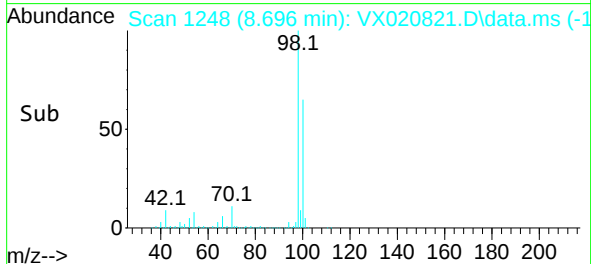
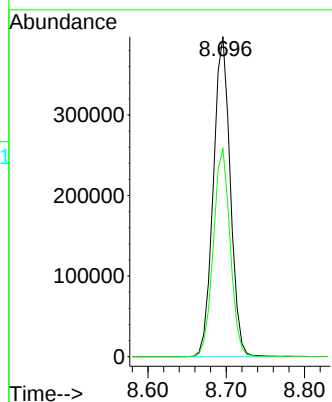
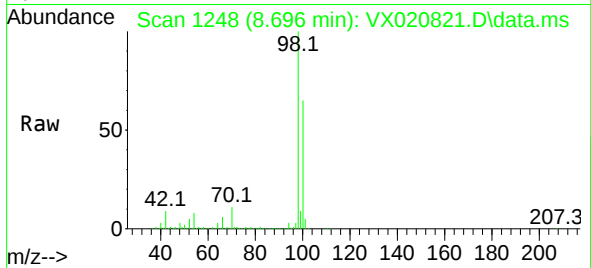




#50
Toluene-d8
Concen: 49.86 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

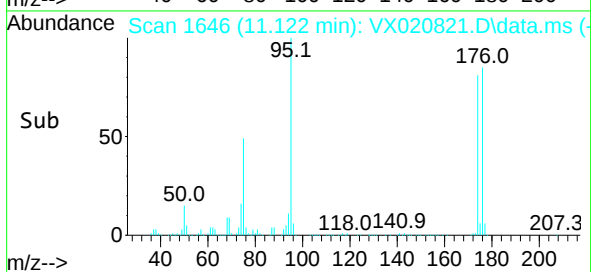
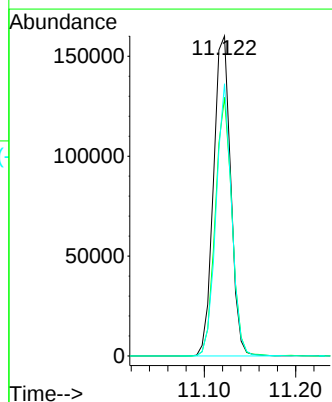
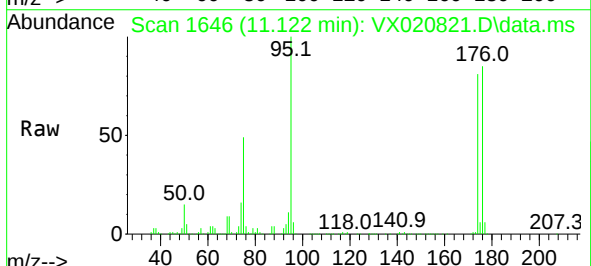
Instrument :
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ClientSampleId :
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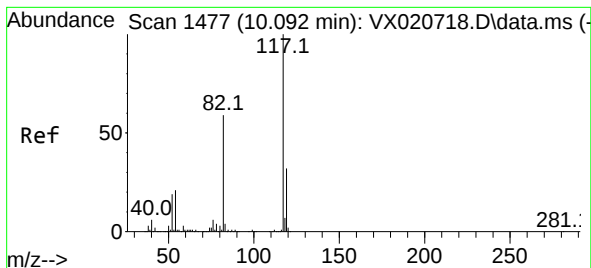
Tgt Ion: 98 Resp: 597067
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 44.85 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

Tgt Ion: 95 Resp: 208541
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 77.3 0.0 155.8

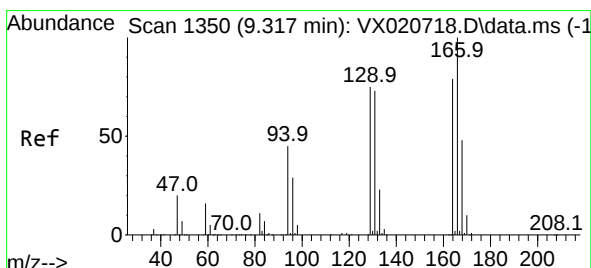
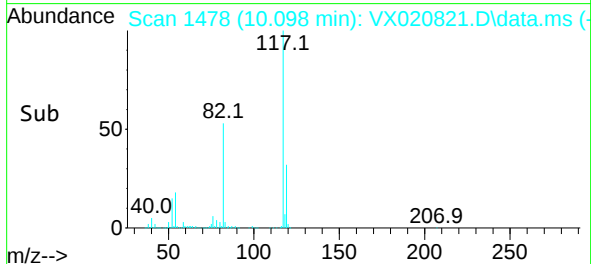
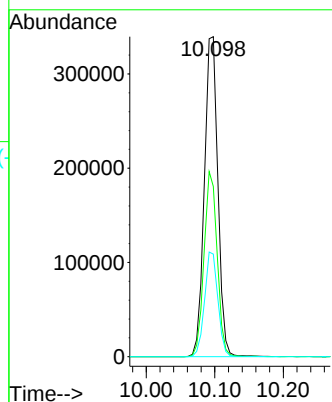
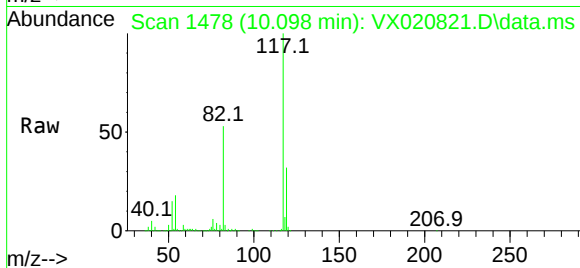




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

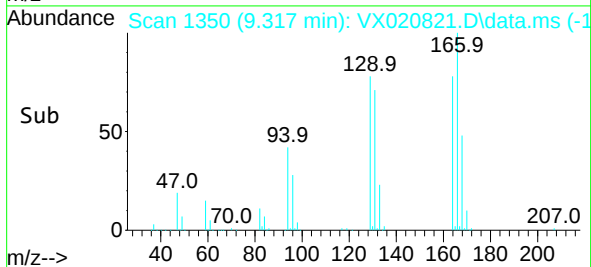
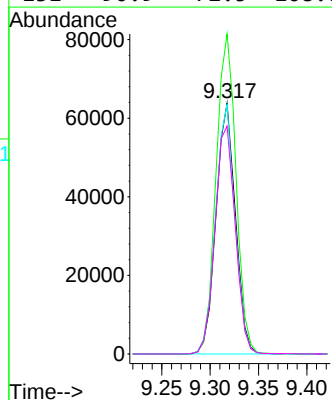
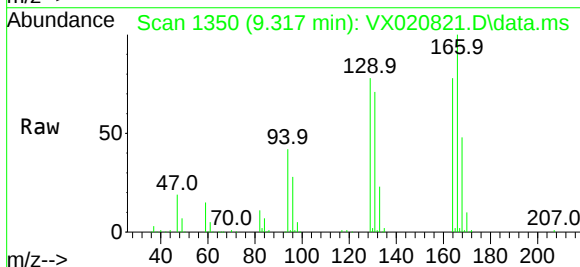
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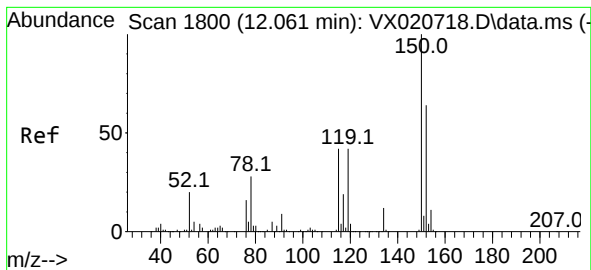
Tgt Ion:117 Resp: 467566
Ion Ratio Lower Upper
117 100
82 53.2 47.4 71.2
119 32.1 26.6 39.8



#64
Tetrachloroethene
Concen: 24.82 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020821.D
Acq: 29 Jan 2021 22:38

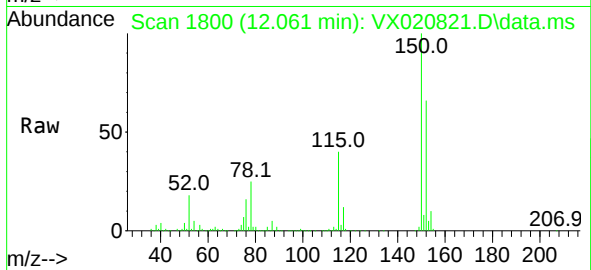
Tgt Ion:164 Resp: 88961
Ion Ratio Lower Upper
164 100
166 127.6 103.4 155.2
129 99.4 70.8 106.2
131 90.9 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020821.D
 Acq: 29 Jan 2021 22:38

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-MW-1D(OFFSITE)



Tgt Ion:152 Resp: 199973
 Ion Ratio Lower Upper
 152 100
 115 60.8 41.1 123.3
 150 156.0 0.0 349.0

