

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024318.D
 Acq On : 17 Sep 2021 18:42
 Operator : JC/MD
 Sample : M3782-06 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20210914

Quant Time: Sep 20 02:00:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

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

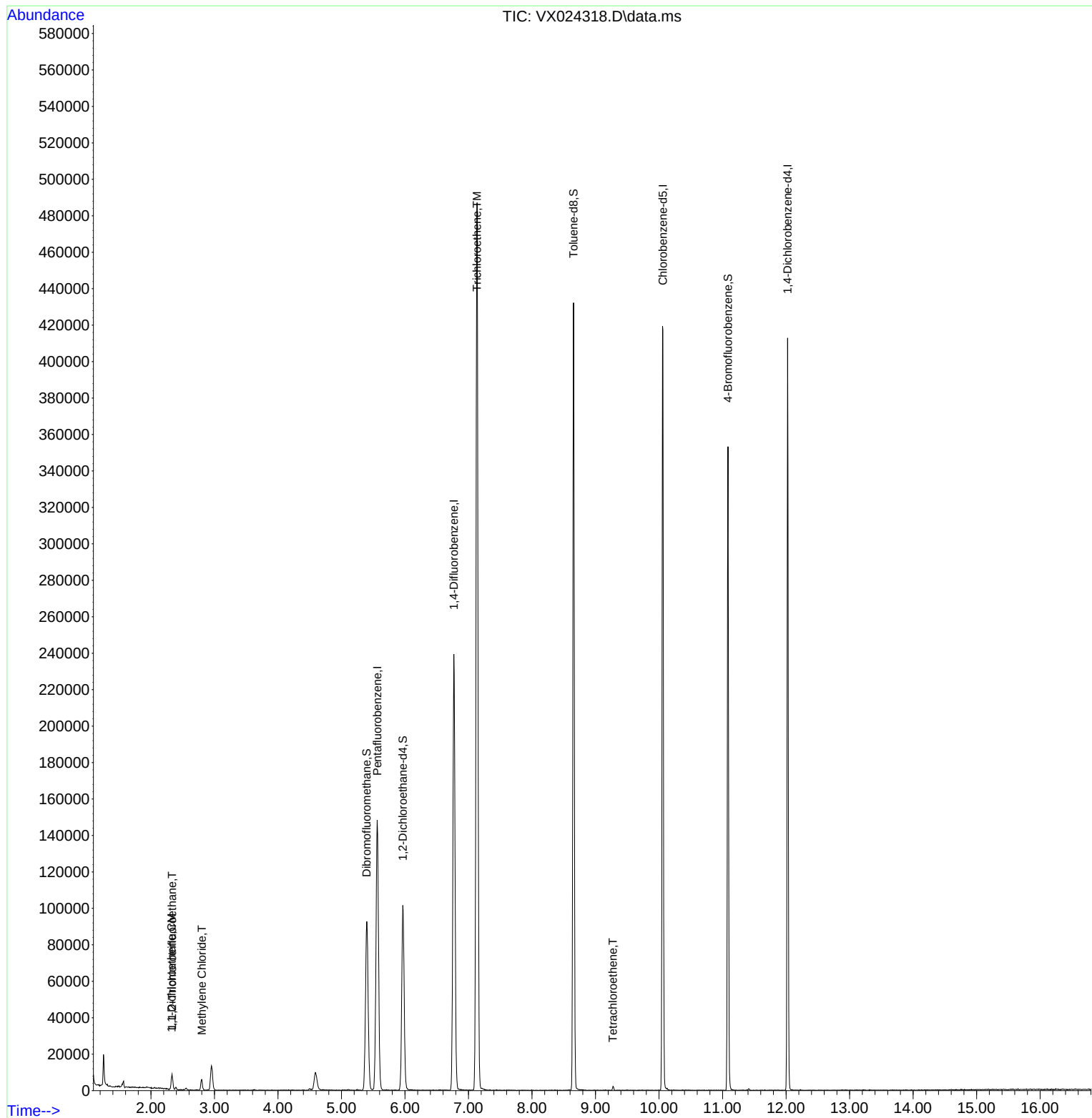
Internal Standards						
1) Pentafluorobenzene	5.562	168	134924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	235034	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	190524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	102016	53.024	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 106.040%	
35) Dibromofluoromethane	5.397	113	80111	50.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.640%	
50) Toluene-d8	8.653	98	244448	42.571	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 85.140%#	
62) 4-Bromofluorobenzene	11.085	95	86748	38.819	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 77.640%#	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	2692	2.027	ug/l	96
12) 1,1-Dichloroethene	2.325	96	980	0.788	ug/l	96
20) Methylene Chloride	2.800	84	2746	1.743	ug/l	96
44) Trichloroethene	7.135	130	184195	105.776	ug/l	98
64) Tetrachloroethene	9.275	164	371	0.251	ug/l	92

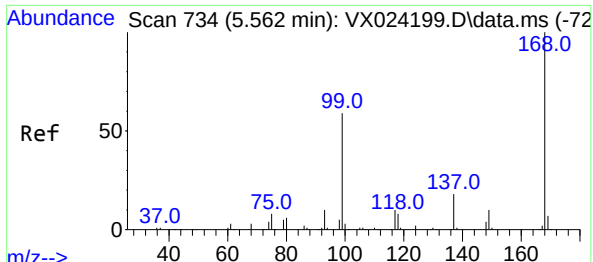
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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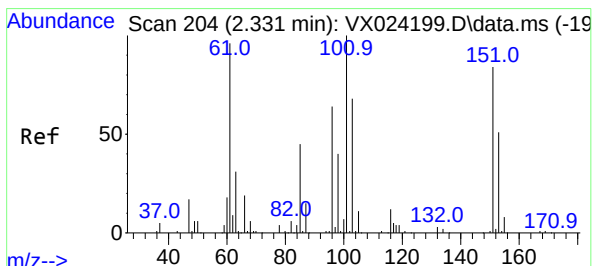
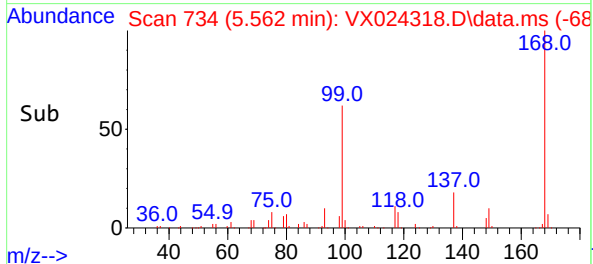
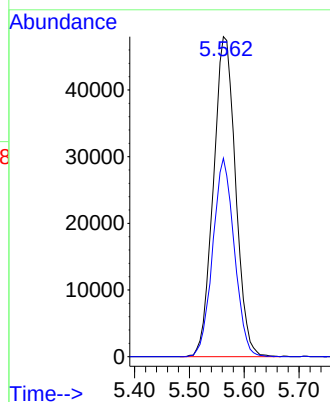
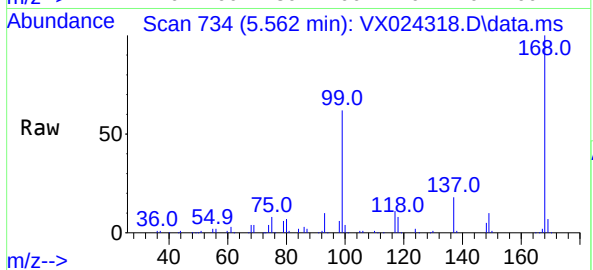




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024318.D
Acq: 17 Sep 2021 18:42

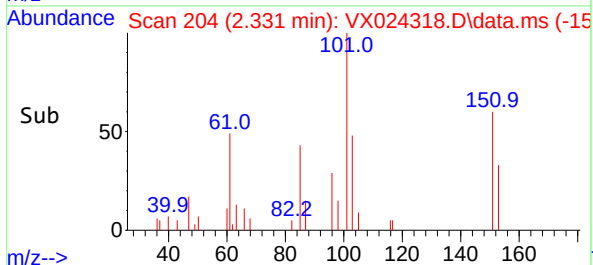
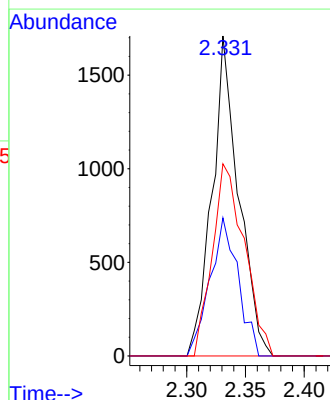
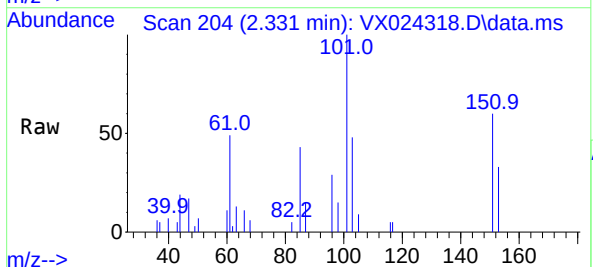
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210914

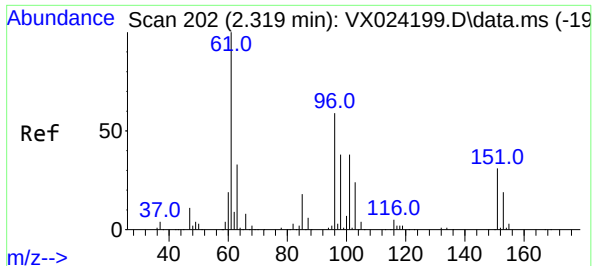
Tgt Ion:168 Resp: 134924
Ion Ratio Lower Upper
168 100
99 62.0 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.027 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX024318.D
Acq: 17 Sep 2021 18:42

Tgt Ion:101 Resp: 2692
Ion Ratio Lower Upper
101 100
85 45.5 34.9 52.3
151 72.2 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.788 ug/l

RT: 2.325 min Scan# 203

Delta R.T. 0.006 min

Lab File: VX024318.D

Acq: 17 Sep 2021 18:42

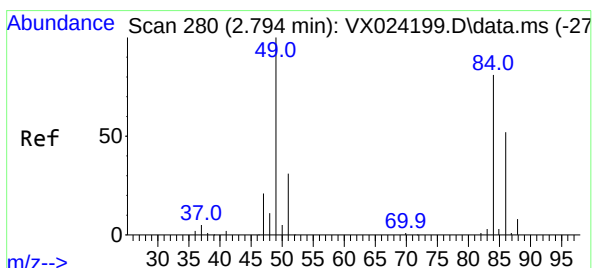
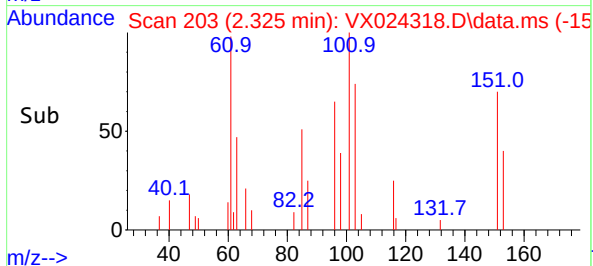
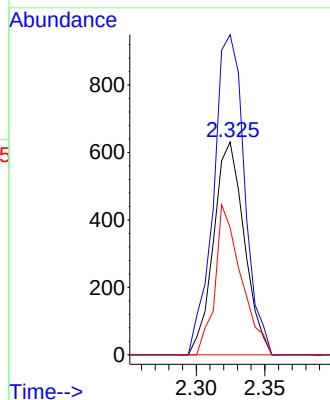
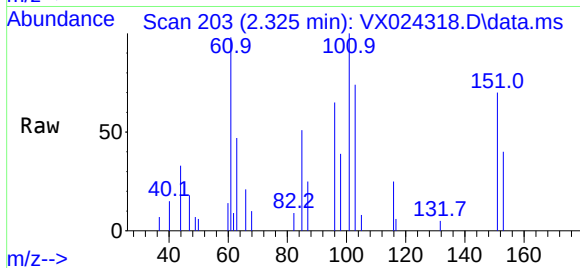
Tgt Ion: 96 Resp: 980

Ion Ratio Lower Upper

96 100

61 150.4 124.6 187.0

98 59.7 50.6 76.0



#20

Methylene Chloride

Concen: 1.743 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX024318.D

Acq: 17 Sep 2021 18:42

Tgt Ion: 84 Resp: 2746

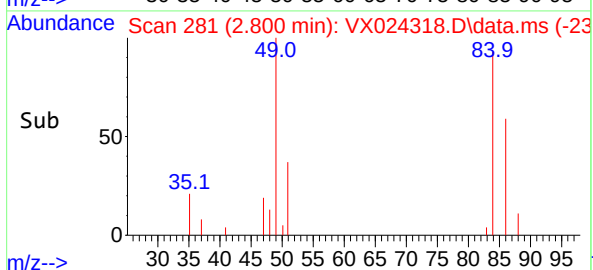
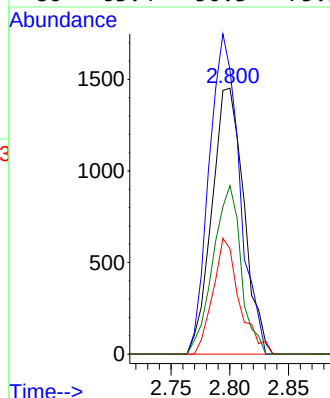
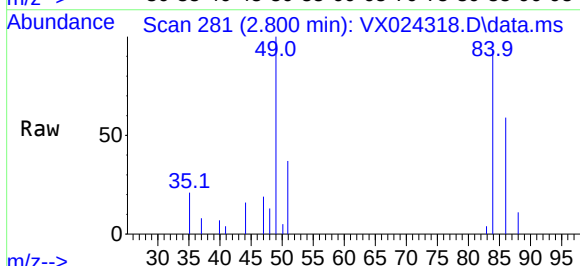
Ion Ratio Lower Upper

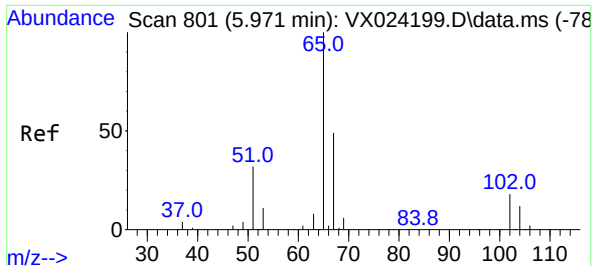
84 100

49 107.0 88.6 132.8

51 39.6 27.0 40.6

86 63.4 50.3 75.5



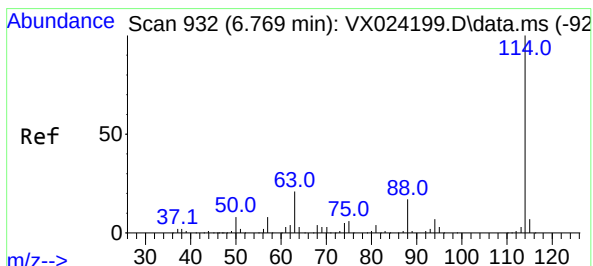
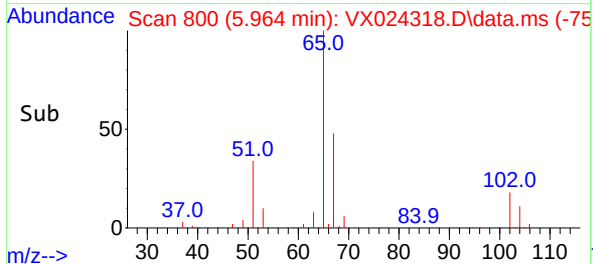
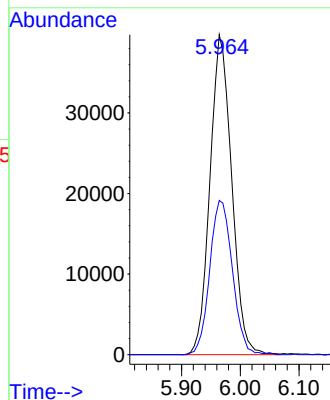
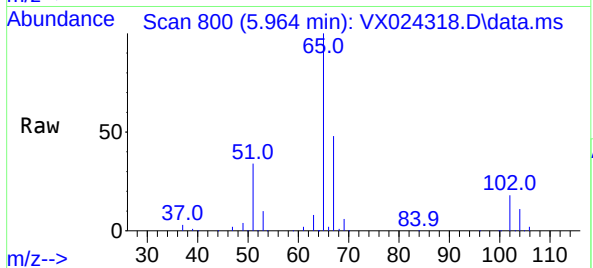


#33

1,2-Dichloroethane-d4
Concen: 53.024 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024318.D
Acq: 17 Sep 2021 18:42

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210914

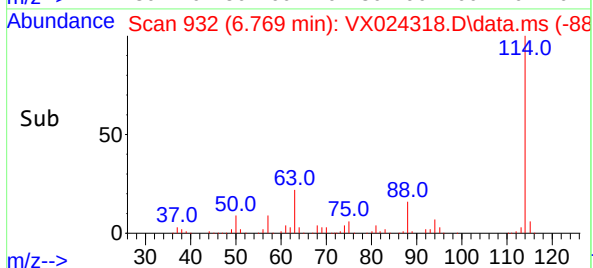
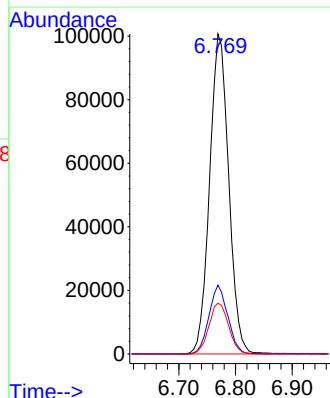
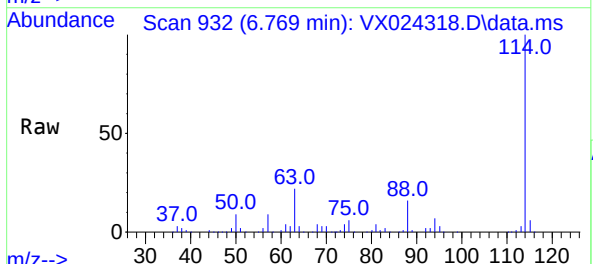
Tgt Ion: 65 Resp: 102016
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

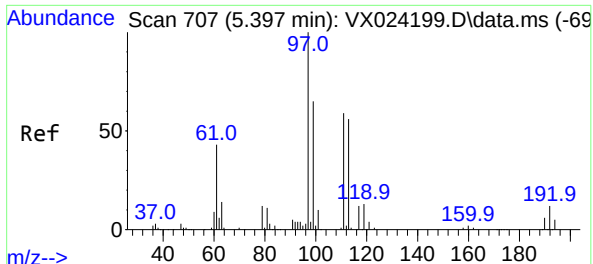


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024318.D
Acq: 17 Sep 2021 18:42

Tgt Ion: 114 Resp: 235034
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.8
88 15.8 0.0 32.8

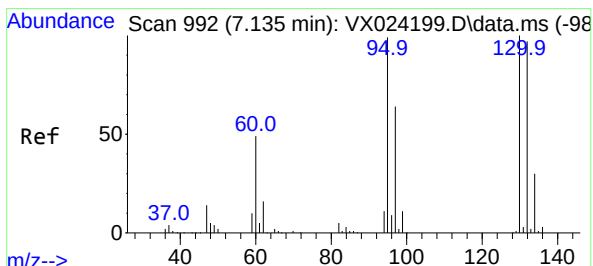
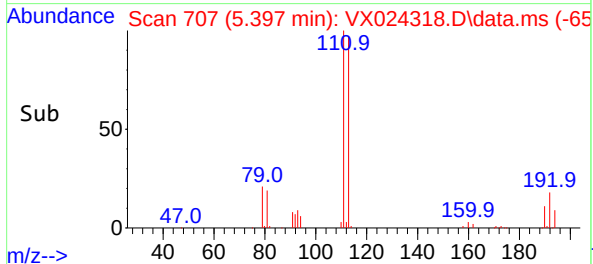
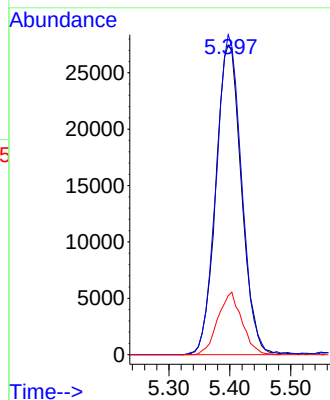
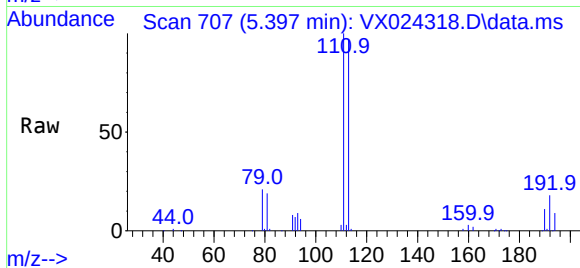




#35
Dibromofluoromethane
Concen: 50.824 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024318.D
Acq: 17 Sep 2021 18:42

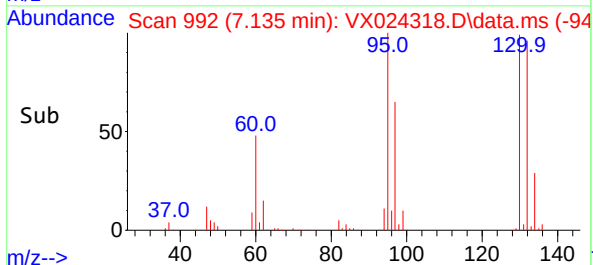
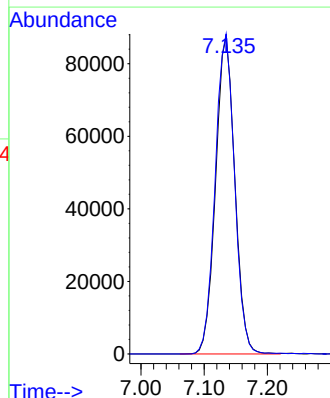
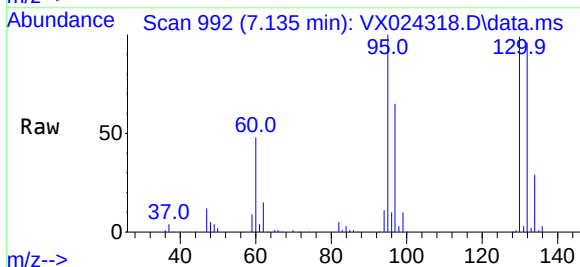
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20210914

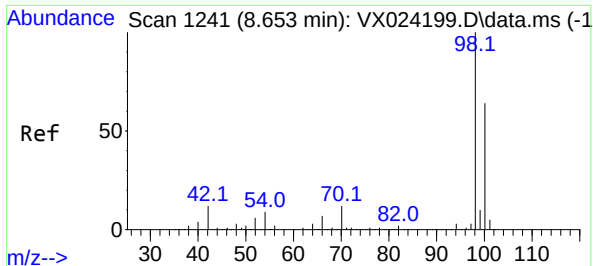
Tgt Ion:	113	Resp:	80111
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.9	122.9
192	19.0	16.7	25.1



#44
Trichloroethene
Concen: 105.776 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX024318.D
Acq: 17 Sep 2021 18:42

Tgt Ion:	130	Resp:	184195
Ion Ratio	Lower	Upper	
130	100		
95	100.8	0.0	198.0

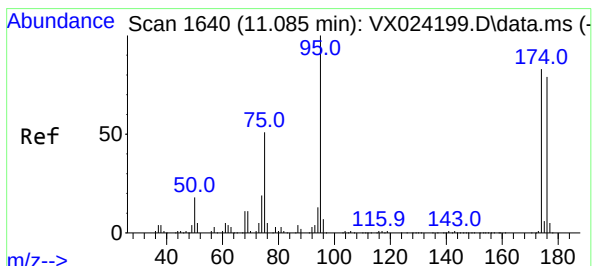
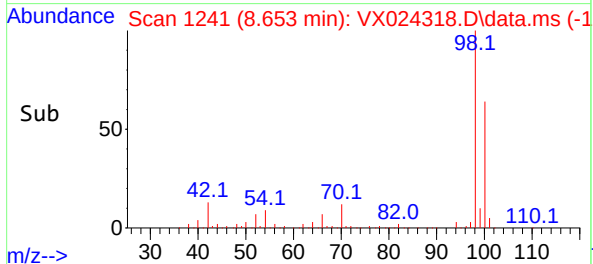
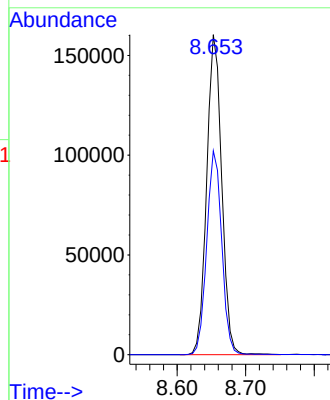
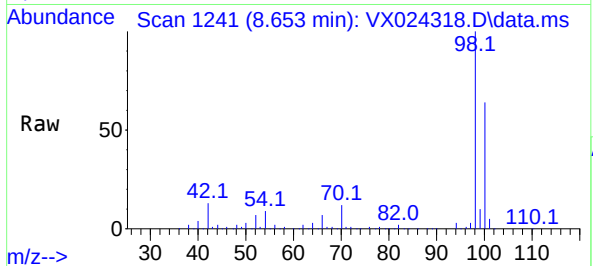




#50
Toluene-d8
Concen: 42.571 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024318.D
Acq: 17 Sep 2021 18:42

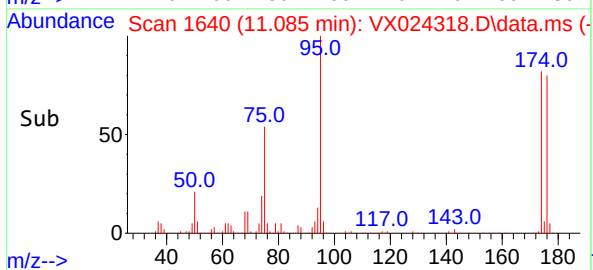
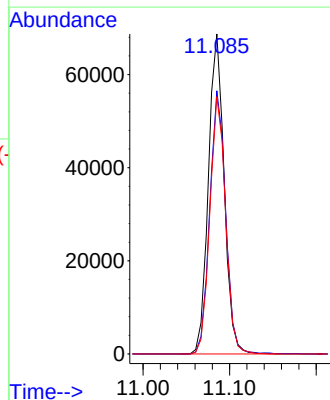
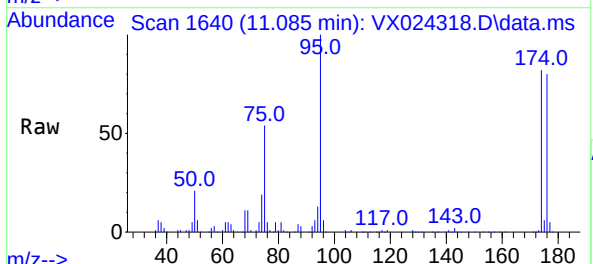
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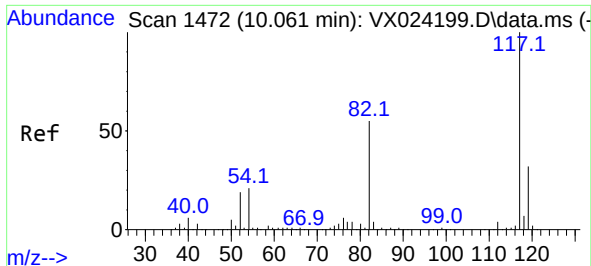
Tgt Ion: 98 Resp: 244448
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 38.819 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024318.D
Acq: 17 Sep 2021 18:42

Tgt Ion: 95 Resp: 86748
Ion Ratio Lower Upper
95 100
174 83.2 0.0 154.6
176 80.0 0.0 155.8

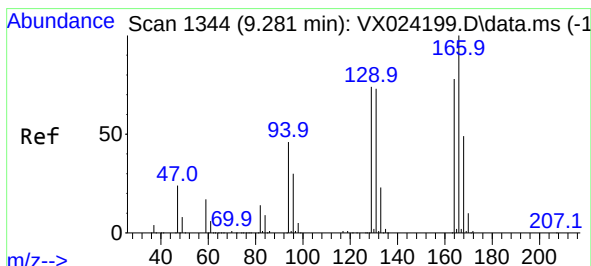
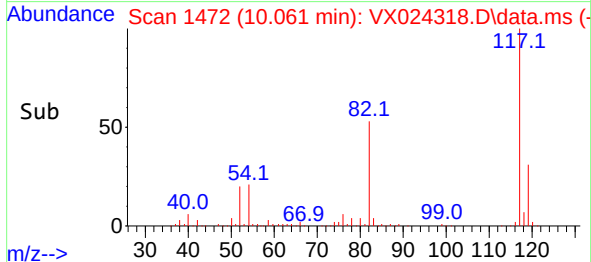
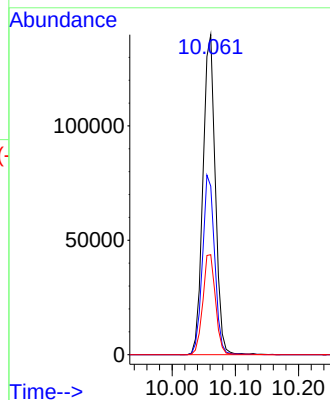
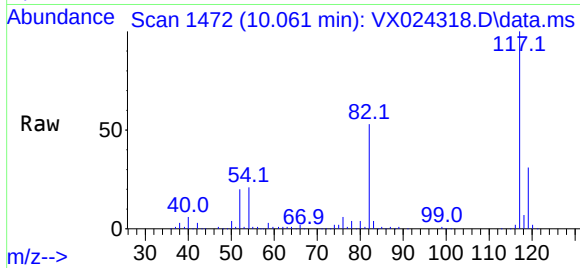




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX024318.D
Acq: 17 Sep 2021 18:42

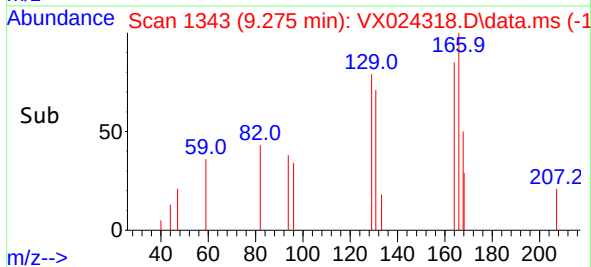
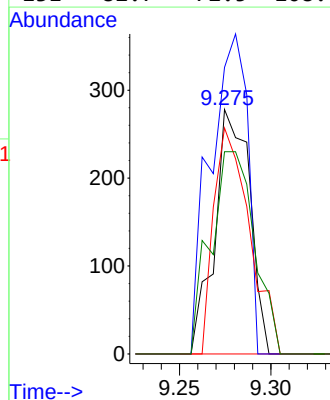
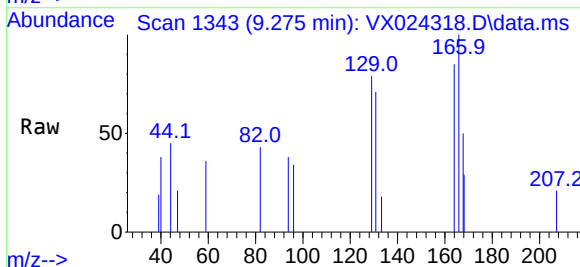
Instrument :
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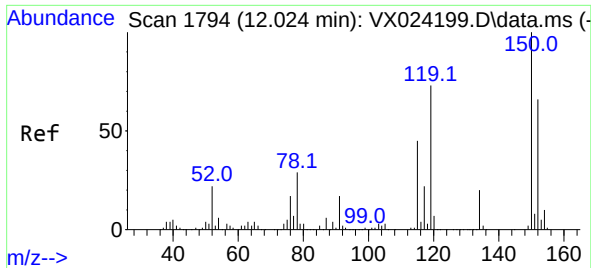
Tgt Ion:	117	Resp:	190524
Ion	Ratio	Lower	Upper
117	100		
82	52.6	47.4	71.2
119	31.2	26.6	39.8



#64
Tetrachloroethene
Concen: 0.251 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024318.D
Acq: 17 Sep 2021 18:42

Tgt Ion:	164	Resp:	371
Ion	Ratio	Lower	Upper
164	100		
166	117.3	103.4	155.2
129	92.4	70.8	106.2
131	82.7	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: VX024318.D
 Acq: 17 Sep 2021 18:42

Instrument :
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Tgt Ion:152 Resp: 80795
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.1 123.3
 150 158.0 0.0 349.0

