

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020338.D
 Acq On : 23 Dec 2020 15:07
 Operator : JC/MD
 Sample : L5124-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20201211

Quant Time: Dec 24 00:17:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.629	168	253586	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	430907	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	412867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	174485	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.032	65	171372	50.42	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.84%
35) Dibromofluoromethane	5.465	113	138042	50.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.16%
50) Toluene-d8	8.696	98	533311	50.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.52%
62) 4-Bromofluorobenzene	11.122	95	189840	46.75	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.50%

Target Compounds

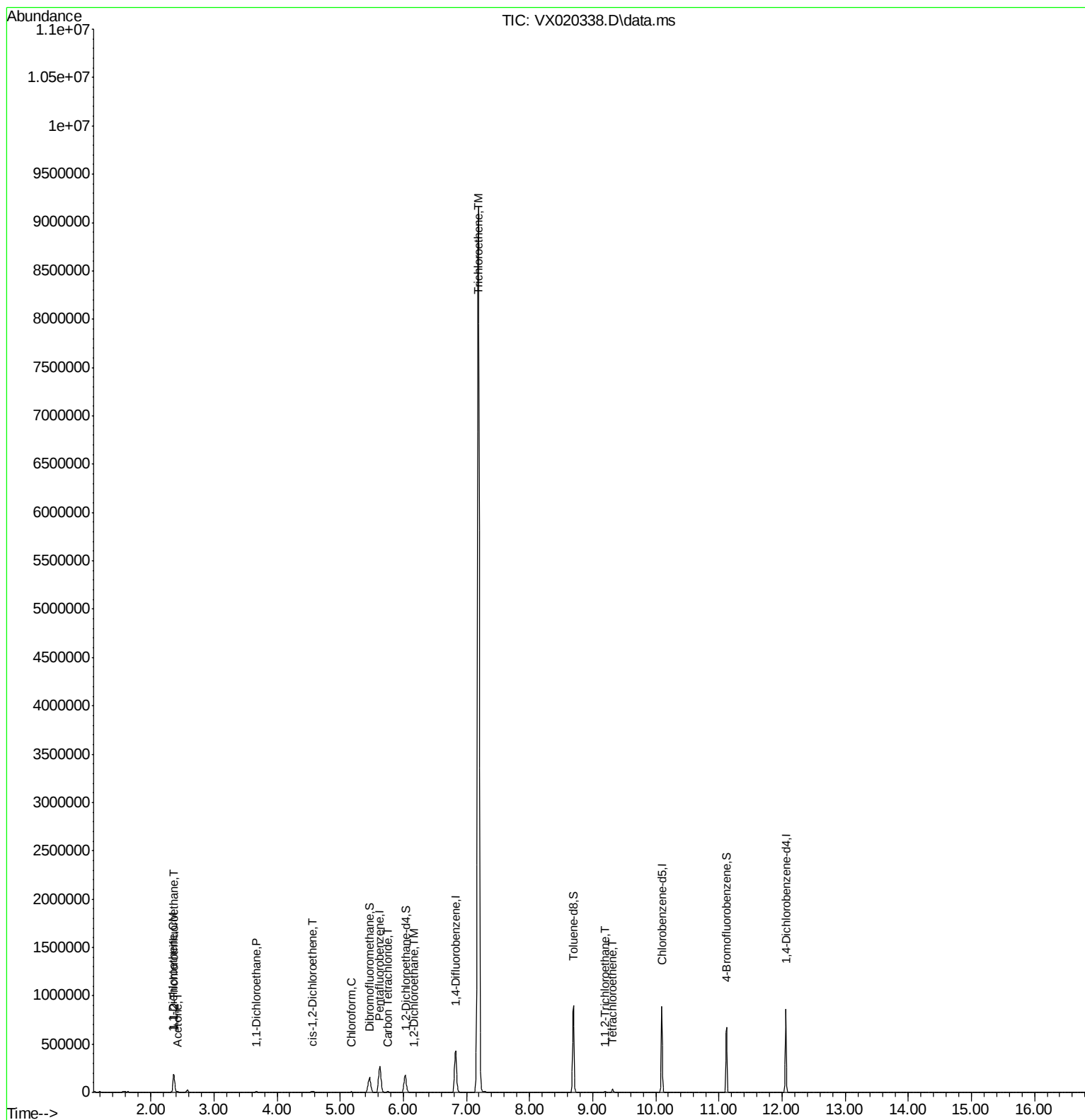
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.368	101	64023	25.29	ug/l	97
12) 1,1-Dichloroethene	2.355	96	16002	6.18	ug/l	90
16) Acetone	2.416	43	6058	3.91	ug/l	96
24) 1,1-Dichloroethane	3.666	63	6603	1.19	ug/l	96
27) cis-1,2-Dichloroethene	4.562	96	7500	2.11	ug/l	95
30) Chloroform	5.172	83	5244	0.93	ug/l	95
38) Carbon Tetrachloride	5.751	117	5387	1.33	ug/l	98
42) 1,2-Dichloroethane	6.166	62	1324	0.29	ug/l	86
44) Trichloroethene	7.190	130	3518943	1026.89	ug/l	98
55) 1,1,2-Trichloroethane	9.196	97	2721	0.82	ug/l	97
64) Tetrachloroethene	9.317	164	6537	2.10	ug/l	89

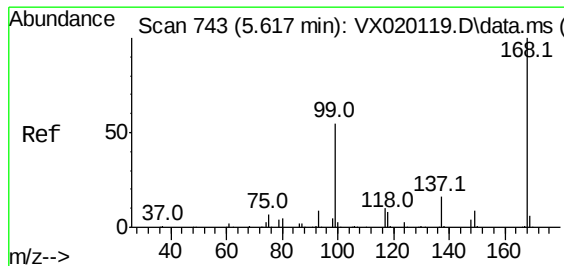
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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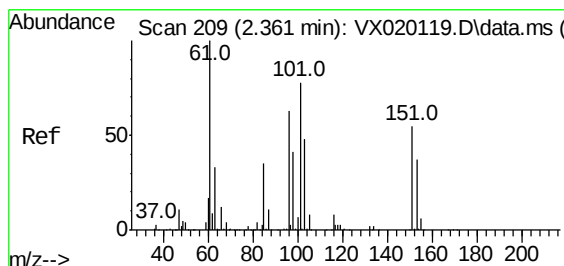
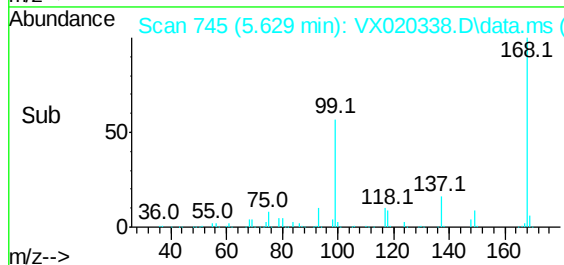
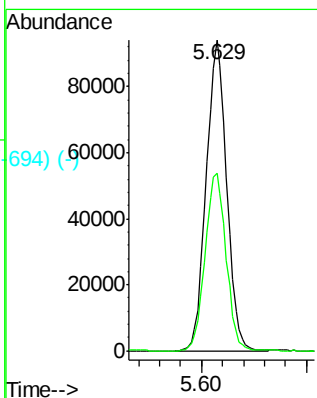
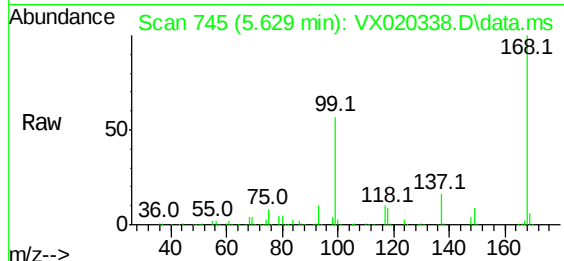




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

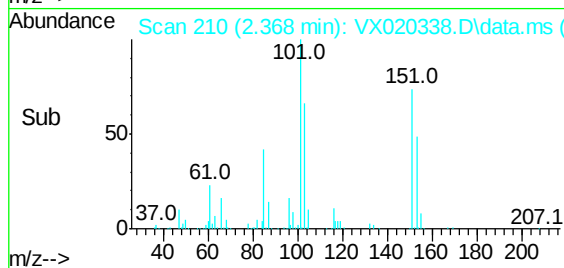
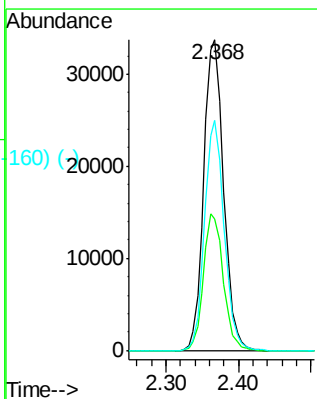
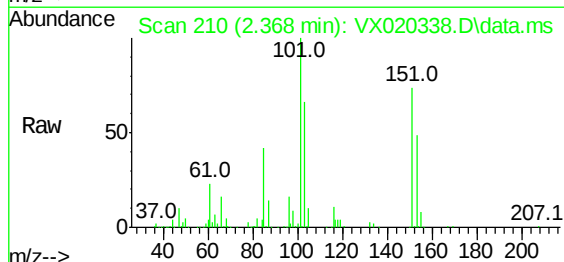
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20201211

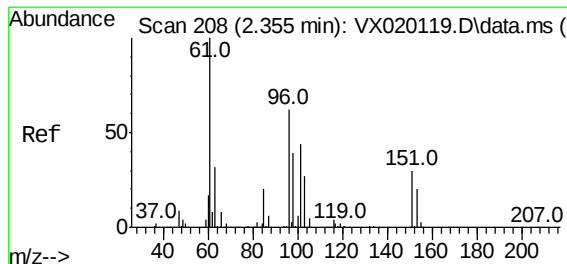
Tgt Ion:168 Resp: 253586
Ion Ratio Lower Upper
168 100
99 57.0 45.8 68.6



1,1,2-Trichlorotrifluoroethane
Concen: 25.29 ug/l
RT: 2.368 min Scan# 210
Delta R.T. 0.007 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

Tgt Ion:101 Resp: 64023
Ion Ratio Lower Upper
101 100
85 43.9 34.9 52.3
151 72.9 61.4 92.2



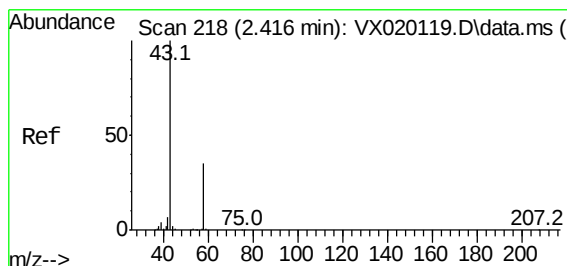
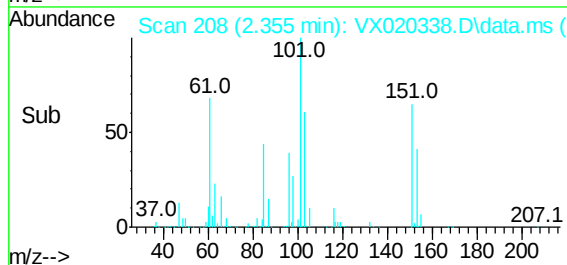
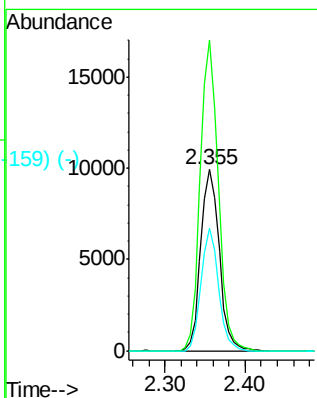
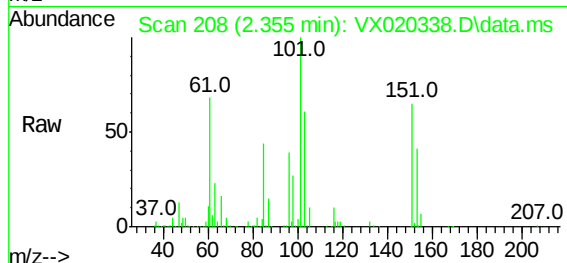


1,1-Dichloroethene
Concen: 6.18 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20201211

Tgt Ion: 96 Resp: 16002

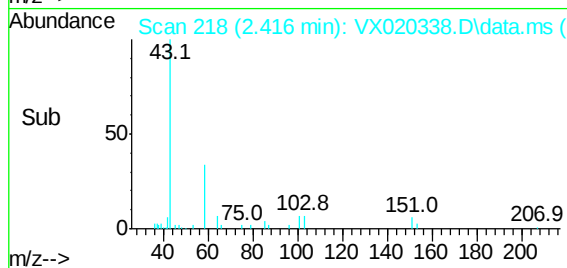
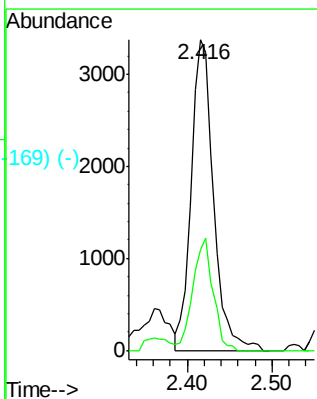
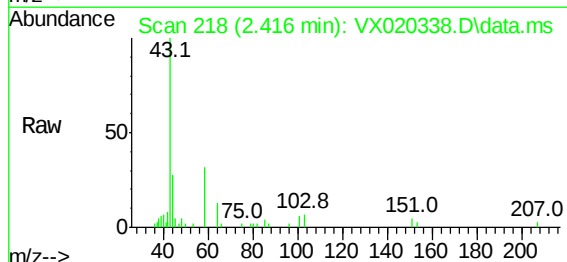
Ion	Ratio	Lower	Upper
96	100		
61	171.5	124.6	187.0
98	68.0	50.6	76.0

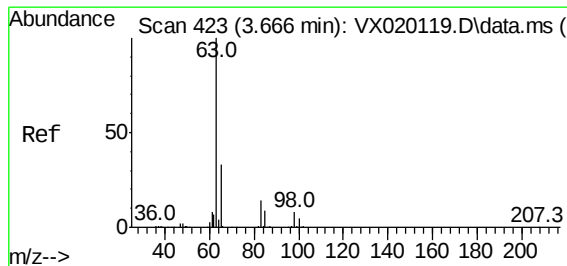


Acetone
Concen: 3.91 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

Tgt Ion: 43 Resp: 6058

Ion	Ratio	Lower	Upper
43	100		
58	32.3	27.8	41.8

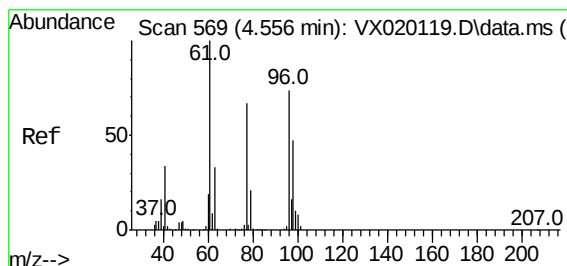
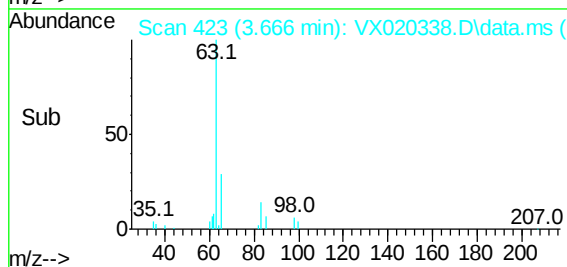
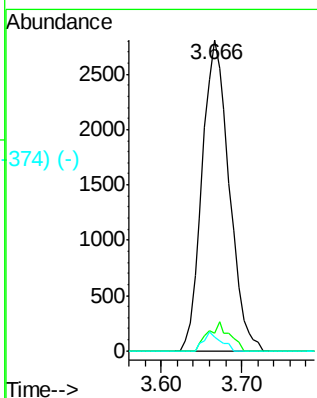
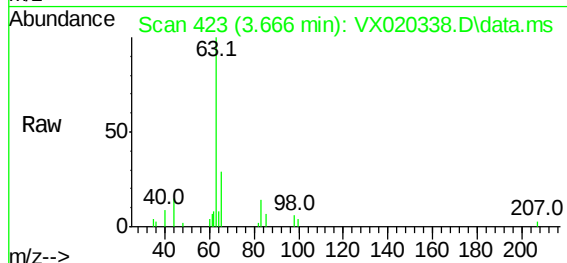




1,1-Dichloroethane
Concen: 1.19 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

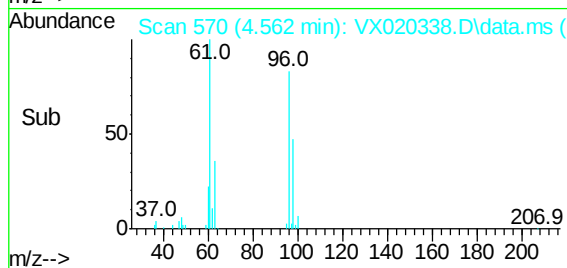
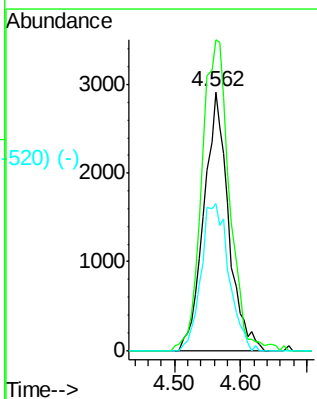
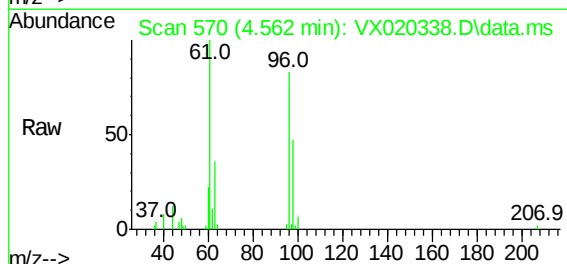
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20201211

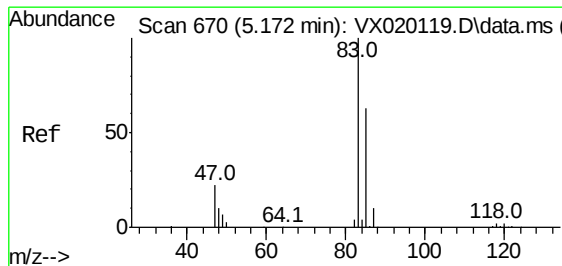
Tgt Ion:	63	Resp:	6603
Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.8	11.2
100	4.3	2.5	7.5



cis-1,2-Dichloroethene
Concen: 2.11 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

Tgt Ion:	96	Resp:	7500
Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	285.6
98	63.5	0.0	129.6

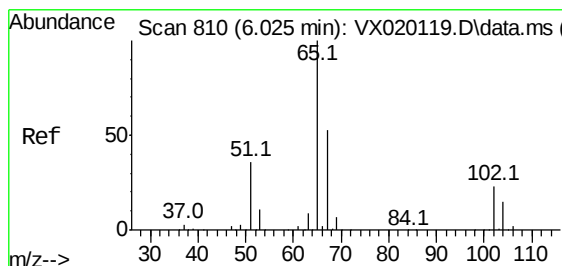
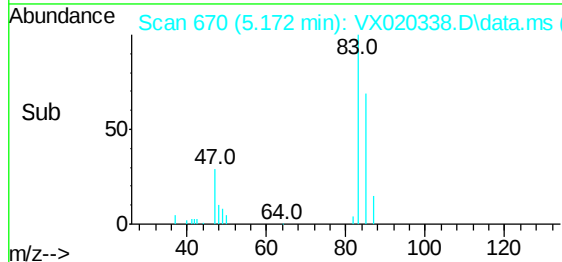
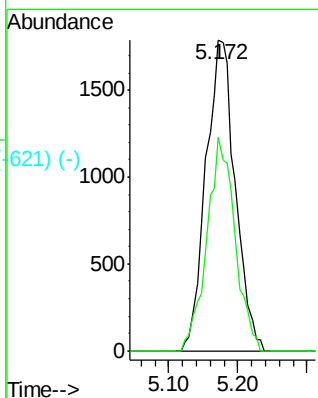
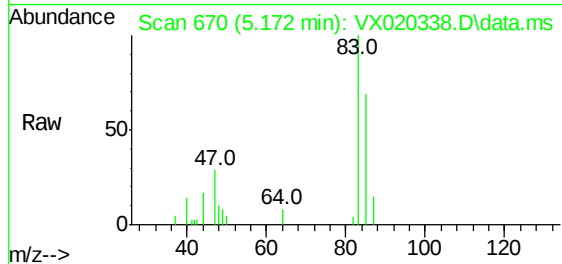




Chloroform
Concen: 0.93 ug/l
RT: 5.172 min Scan# 670
Delta R.T. -0.000 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

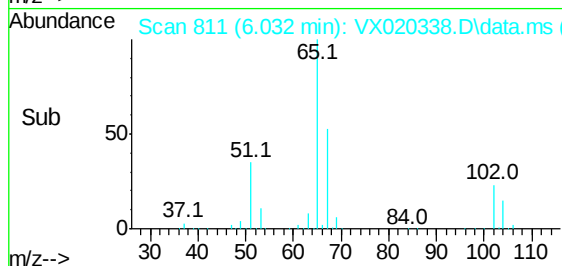
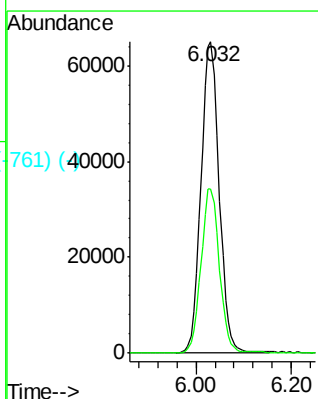
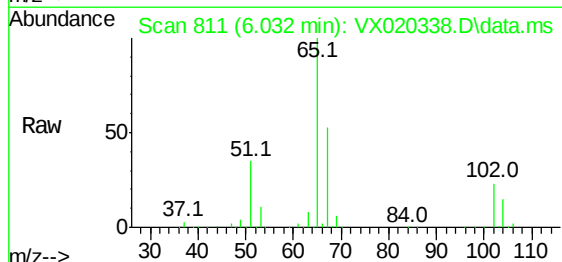
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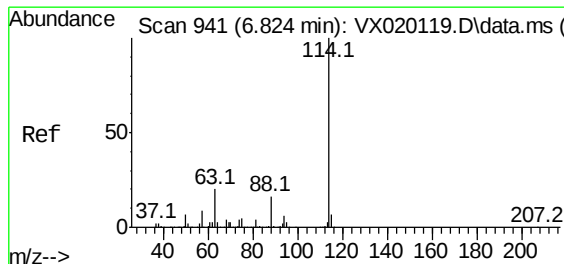
Tgt Ion: 83 Resp: 5244
Ion Ratio Lower Upper
83 100
85 68.7 52.0 78.0



1,2-Dichloroethane-d4
Concen: 50.42 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

Tgt Ion: 65 Resp: 171372
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

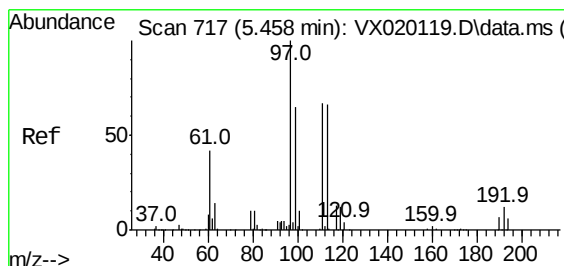
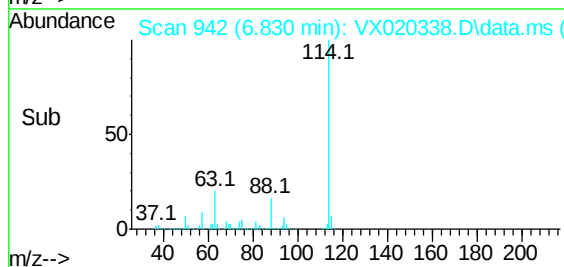
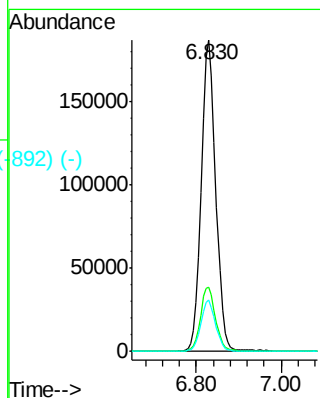
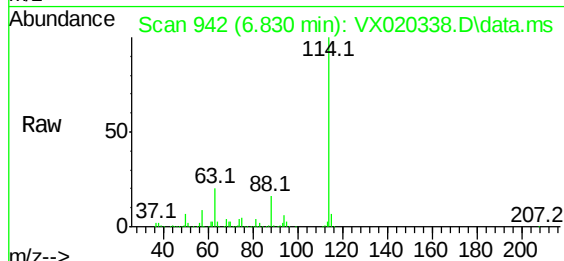




1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.830 min Scan# 942
 Delta R.T. 0.006 min
 Lab File: VX020338.D
 Acq: 23 Dec 2020 15:07

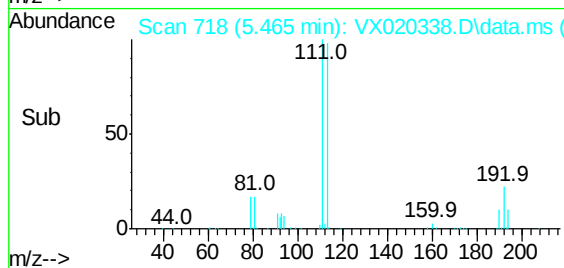
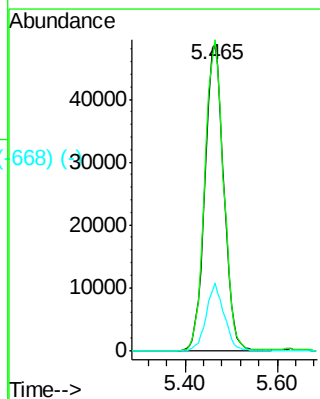
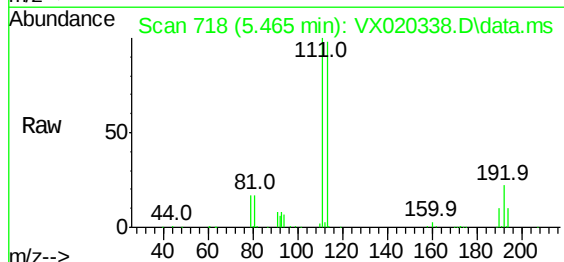
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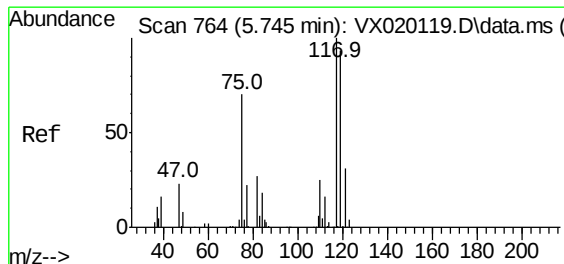
Tgt Ion:	114	Resp:	430907
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	40.8
88	16.3	0.0	32.8



Dibromofluoromethane
 Concen: 50.08 ug/l
 RT: 5.465 min Scan# 718
 Delta R.T. 0.007 min
 Lab File: VX020338.D
 Acq: 23 Dec 2020 15:07

Tgt Ion:	113	Resp:	138042
Ion Ratio	Lower	Upper	
113	100		
111	101.4	81.9	122.9
192	20.6	16.7	25.1

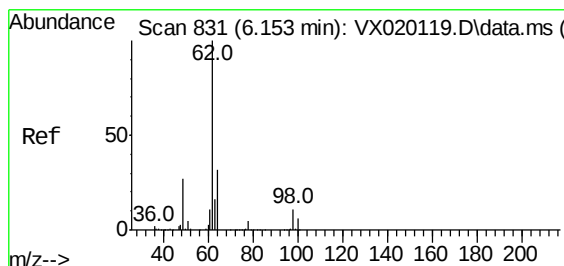
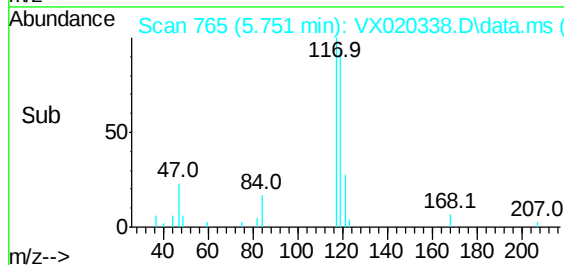
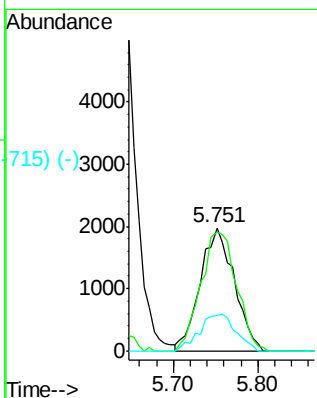
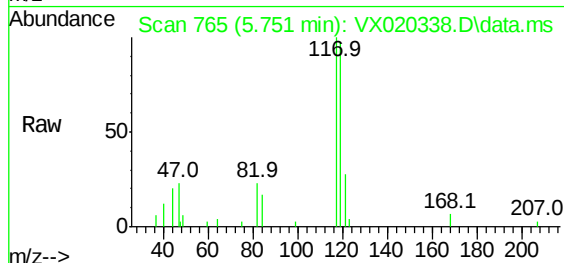




Carbon Tetrachloride
Concen: 1.33 ug/l
RT: 5.751 min Scan# 765
Delta R.T. 0.006 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

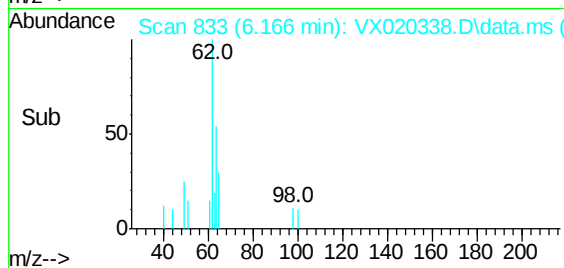
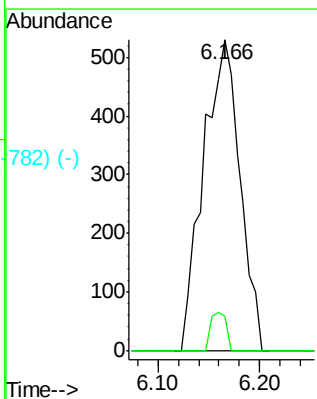
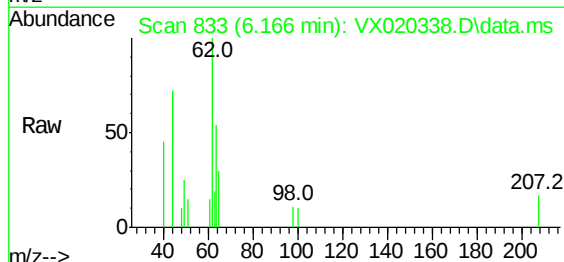
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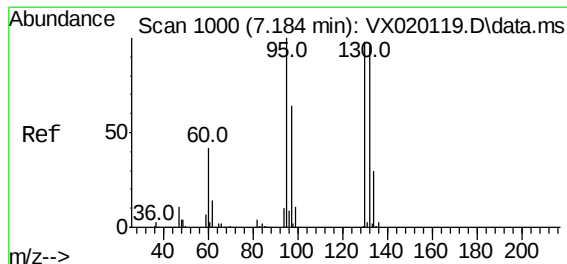
Tgt Ion:117 Resp: 5387
Ion Ratio Lower Upper
117 100
119 96.5 76.2 114.2
121 28.5 24.8 37.2



1,2-Dichloroethane
Concen: 0.29 ug/l
RT: 6.166 min Scan# 833
Delta R.T. 0.013 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

Tgt Ion: 62 Resp: 1324
Ion Ratio Lower Upper
62 100
98 5.0 0.0 20.2

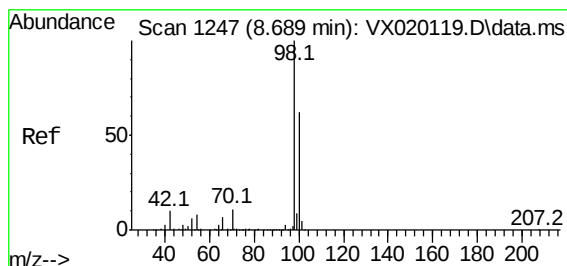
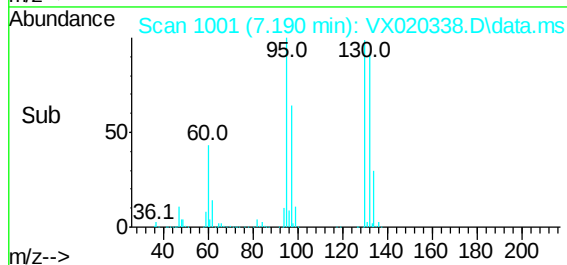
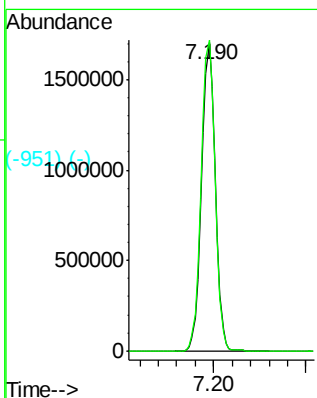
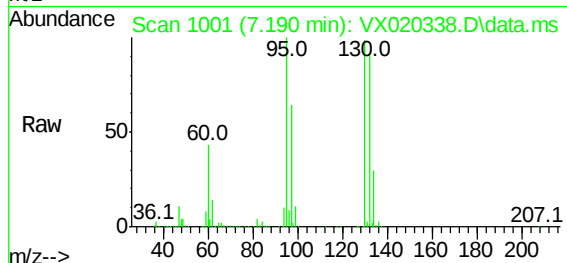




(-944) (-)
 Trichloroethene
 Concen: 1026.89 ug/l
 RT: 7.190 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VX020338.D
 Acq: 23 Dec 2020 15:07

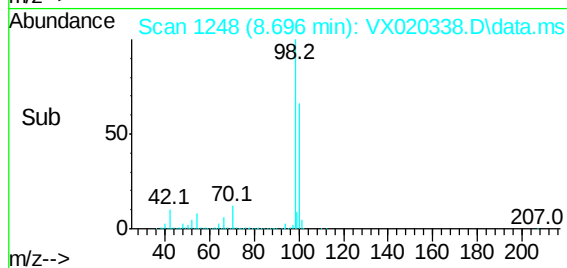
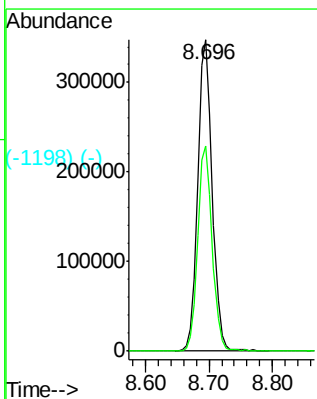
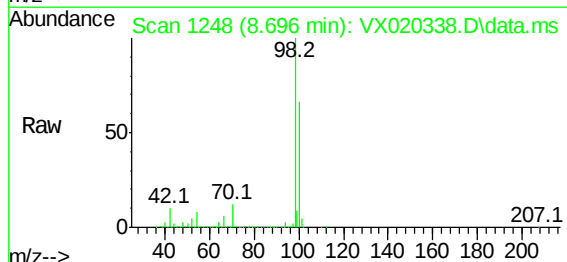
Instrument :
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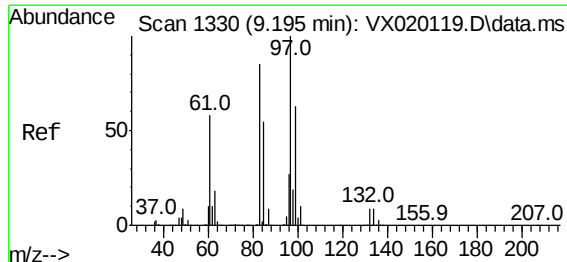
Tgt Ion:130 Resp: 3518943
 Ion Ratio Lower Upper
 130 100
 95 100.7 0.0 198.0



(-1259) (-)
 Toluene-d8
 Concen: 50.26 ug/l
 RT: 8.696 min Scan# 1248
 Delta R.T. 0.007 min
 Lab File: VX020338.D
 Acq: 23 Dec 2020 15:07

Tgt Ion: 98 Resp: 533311
 Ion Ratio Lower Upper
 98 100
 100 65.8 51.9 77.9



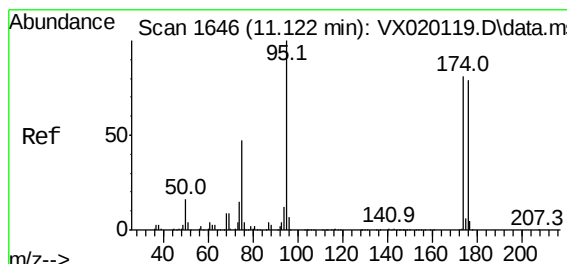
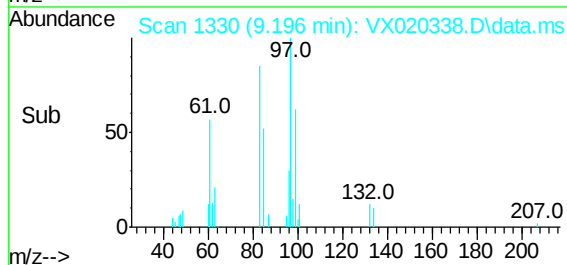
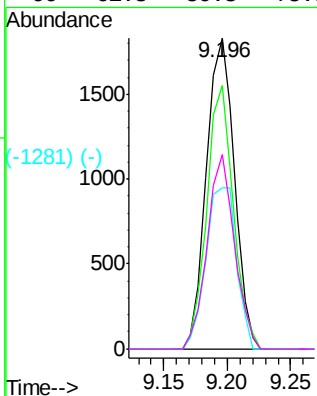
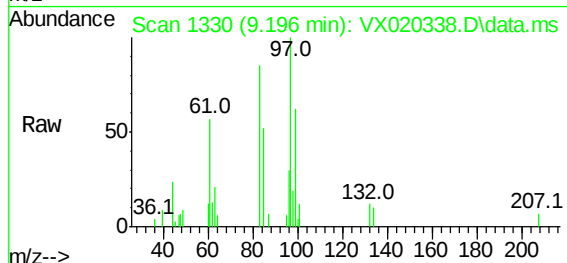


#559 (-)
1,1,2-Trichloroethane
Concen: 0.82 ug/l
RT: 9.196 min Scan# 1330
Delta R.T. 0.001 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

Instrument :
MSVOA_X
ClientSampleId :
DUP05-20201211

Tgt Ion: 97 Resp: 2721

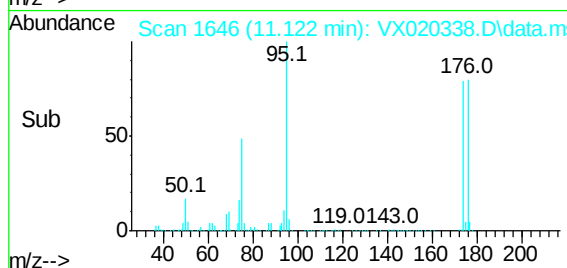
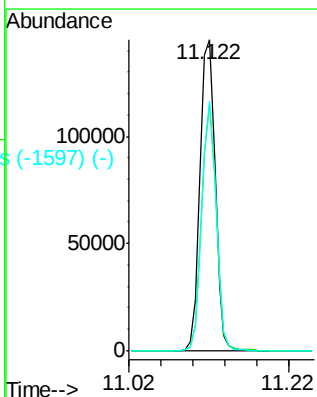
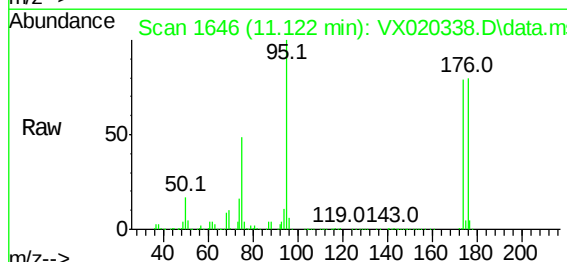
Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.3	103.9
85	51.6	44.3	66.5
99	62.3	50.3	75.5

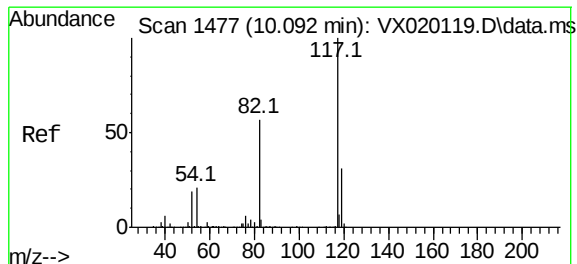


#639 (-)
4-Bromofluorobenzene
Concen: 46.75 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

Tgt Ion: 95 Resp: 189840

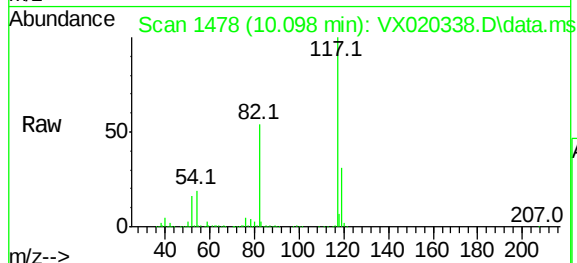
Ion	Ratio	Lower	Upper
95	100		
174	76.0	0.0	154.6
176	75.4	0.0	155.8



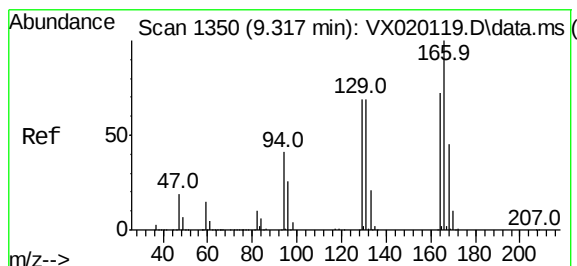
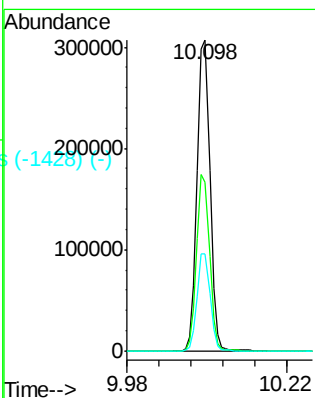
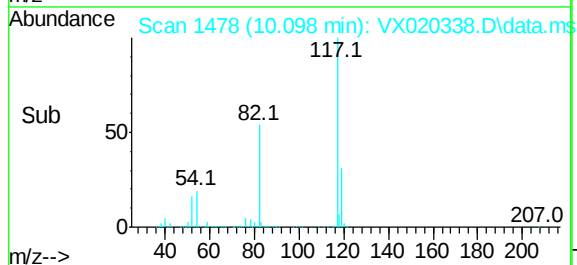


#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07

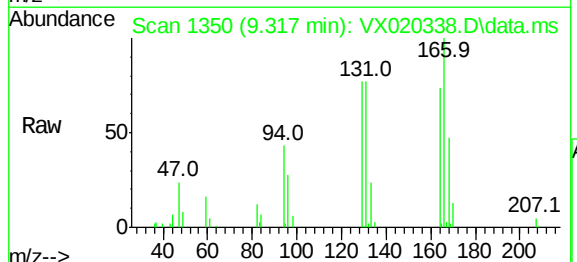
Instrument :
MSVOA_X
ClientSampleId :
DUP05-20201211



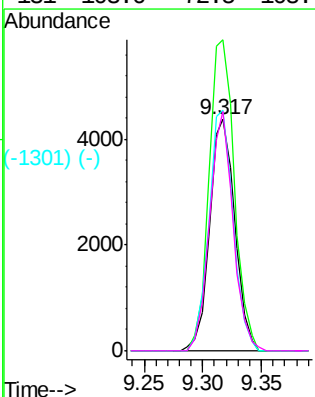
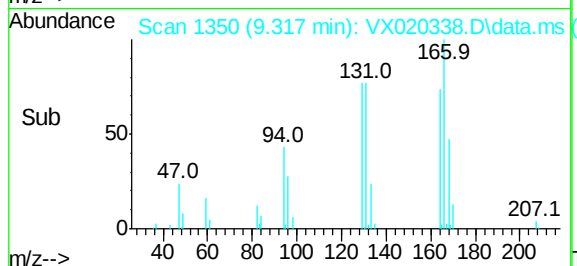
Tgt Ion:	117	Resp:	412867
Ion Ratio	Lower	Upper	
117	100		
82	54.2	47.4	71.2
119	31.0	26.6	39.8

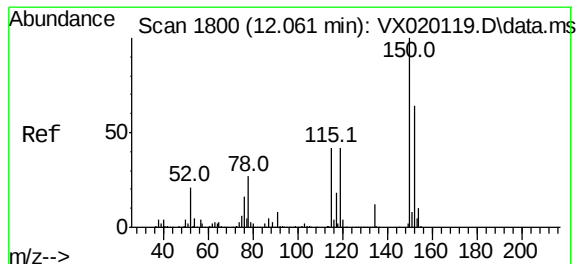


#642 (-)
Tetrachloroethene
Concen: 2.10 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020338.D
Acq: 23 Dec 2020 15:07



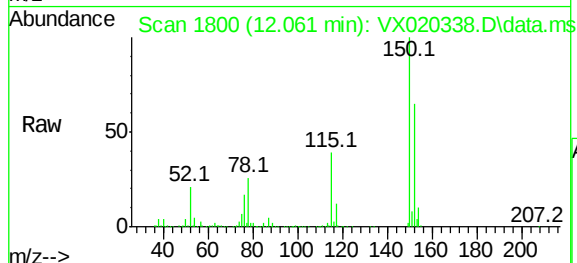
Tgt Ion:	164	Resp:	6537
Ion Ratio	Lower	Upper	
164	100		
166	134.5	103.4	155.2
129	104.0	70.8	106.2
131	103.6	72.5	108.7





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020338.D
 Acq: 23 Dec 2020 15:07

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP05-20201211



Tgt Ion:	152	Resp:	174485
Ion Ratio	Lower	Upper	
152	100		
115	61.4	41.1	123.3
150	155.3	0.0	349.0

