

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020391.D
 Acq On : 24 Dec 2020 16:33
 Operator : JC/MD
 Sample : L5123-14DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20201214DL

Quant Time: Dec 25 01:14:44 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)

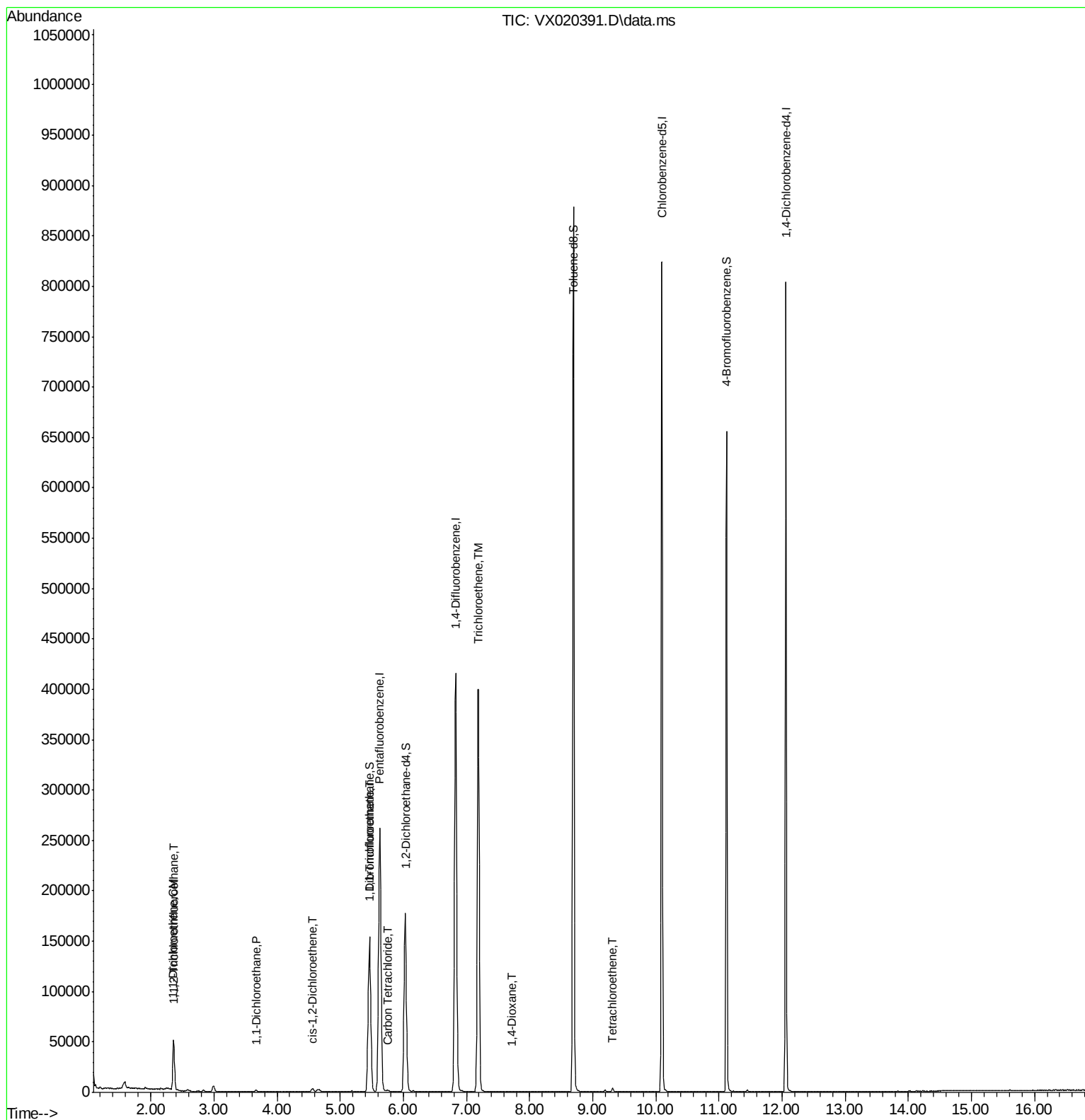
Internal Standards						
1) Pentafluorobenzene	5.629	168	246762	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	415427	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	387036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	163072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	167067	50.51	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	101.02%	
35) Dibromofluoromethane	5.465	113	134170	50.49	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.98%	
50) Toluene-d8	8.696	98	506858	49.55	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	99.10%	
62) 4-Bromofluorobenzene	11.122	95	175099	44.72	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	89.44%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.368	101	12658	5.14	ug/l	98
12) 1,1-Dichloroethene	2.355	96	8298	3.29	ug/l	98
24) 1,1-Dichloroethane	3.666	63	1900	0.35	ug/l #	94
27) cis-1,2-Dichloroethene	4.562	96	1874	0.54	ug/l	95
32) 1,1,1-Trichloroethane	5.471	97	1679	0.37	ug/l #	50
38) Carbon Tetrachloride	5.745	117	1296	0.33	ug/l	89
44) Trichloroethene	7.190	130	157134	47.56	ug/l	99
49) 1,4-Dioxane	7.720	88	207	2.68	ug/l #	81
64) Tetrachloroethene	9.311	164	862	0.30	ug/l #	92

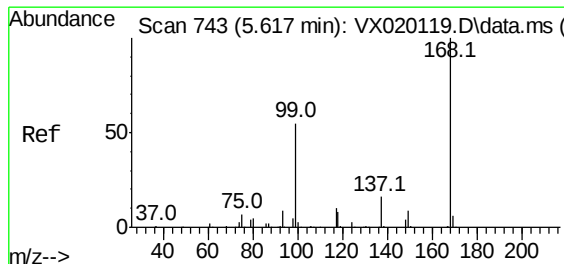
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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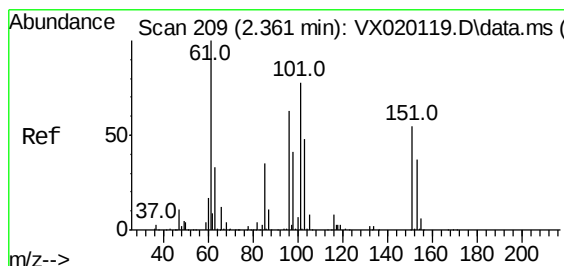
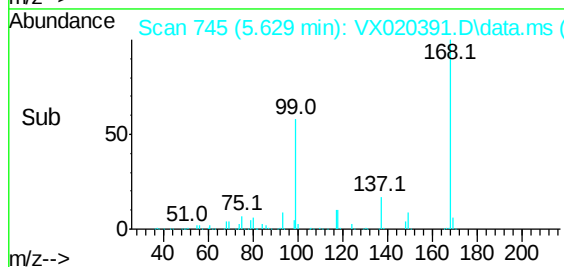
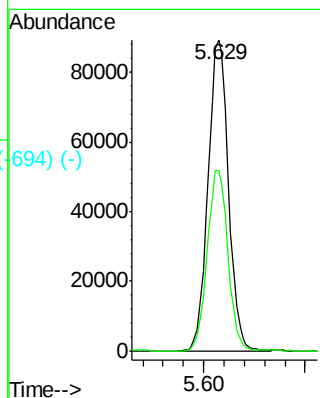
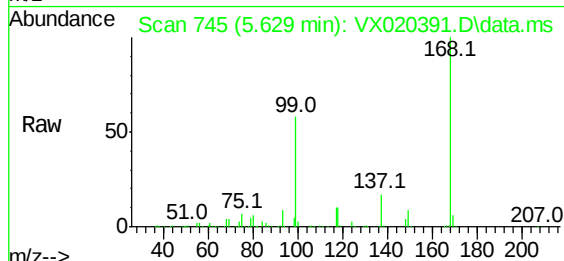




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

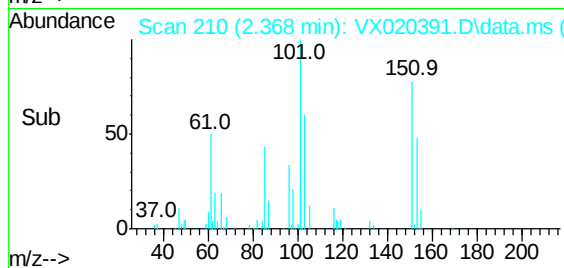
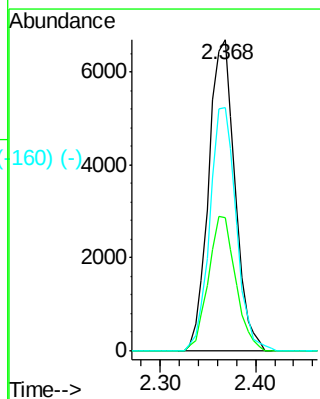
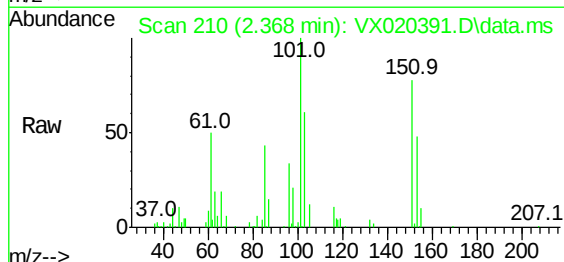
Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20201214DL

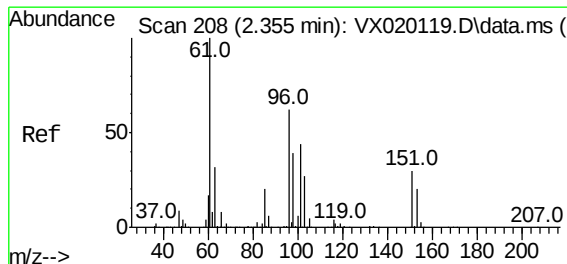
Tgt Ion:168 Resp: 246762
Ion Ratio Lower Upper
168 100
99 57.8 45.8 68.6



1,1,2-Trichlorotrifluoroethane
Concen: 5.14 ug/l
RT: 2.368 min Scan# 210
Delta R.T. 0.007 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

Tgt Ion:101 Resp: 12658
Ion Ratio Lower Upper
101 100
85 44.7 34.9 52.3
151 78.4 61.4 92.2

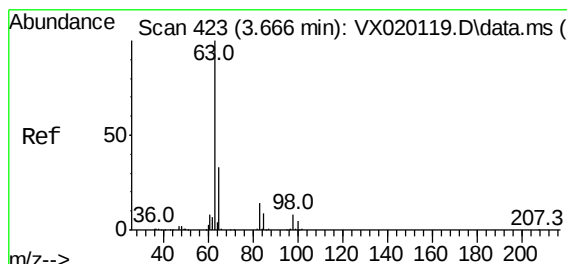
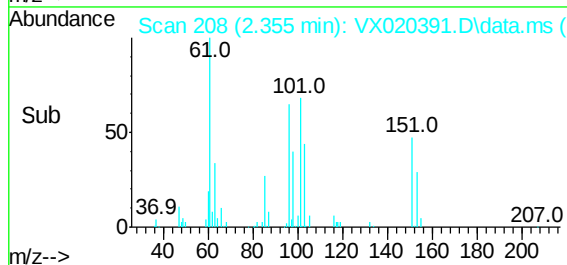
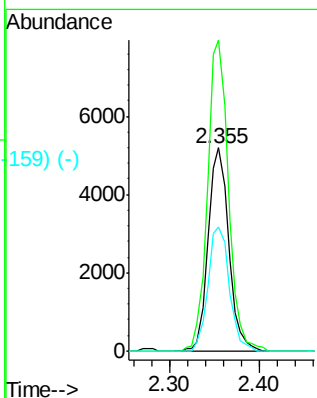
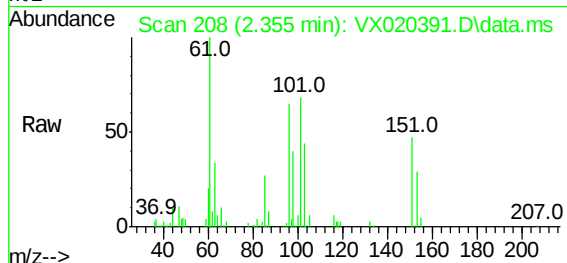




1,1-Dichloroethene
Concen: 3.29 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

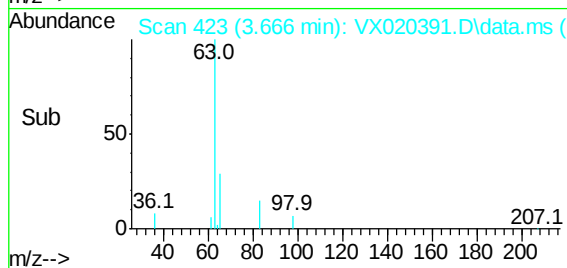
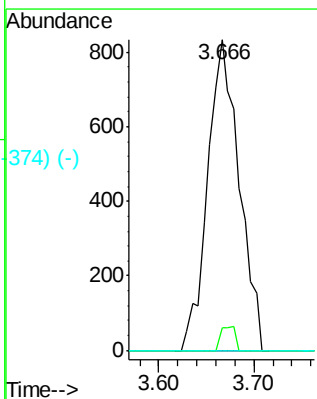
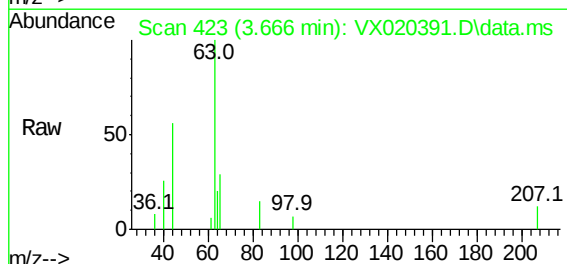
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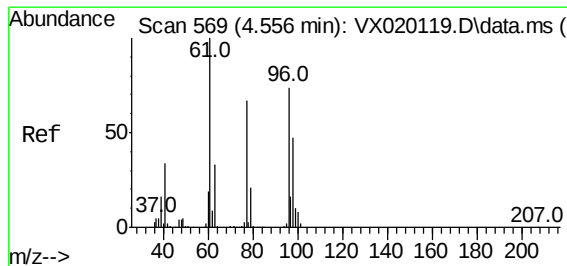
Tgt Ion: 96 Resp: 8298
Ion Ratio Lower Upper
96 100
61 153.1 124.6 187.0
98 61.1 50.6 76.0



1,1-Dichloroethane
Concen: 0.35 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

Tgt Ion: 63 Resp: 1900
Ion Ratio Lower Upper
63 100
98 7.4 3.8 11.2
100 0.0 2.5 7.5#

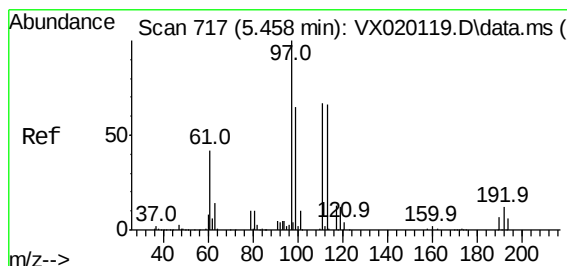
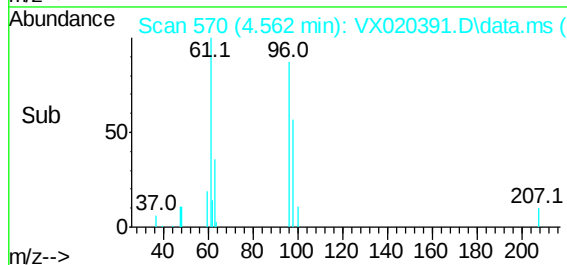
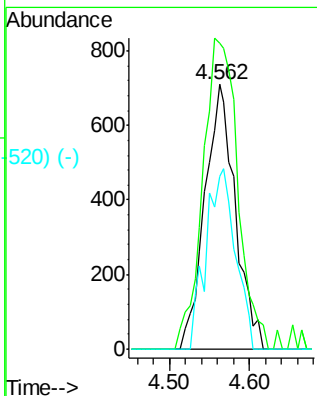
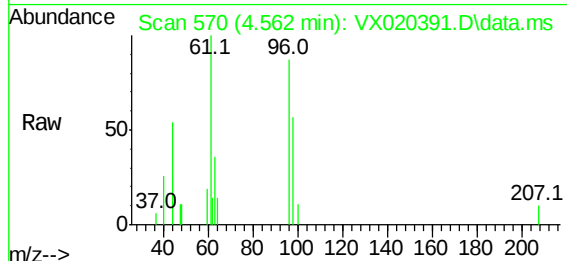




Scan 569 (4.556 min): VX020119.D\data.ms (-527) (-)
 cis-1,2-Dichloroethene
 Concen: 0.54 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020391.D
 Acq: 24 Dec 2020 16:33

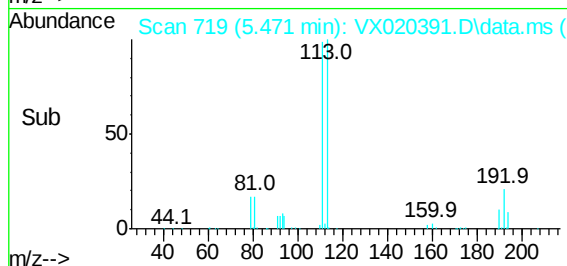
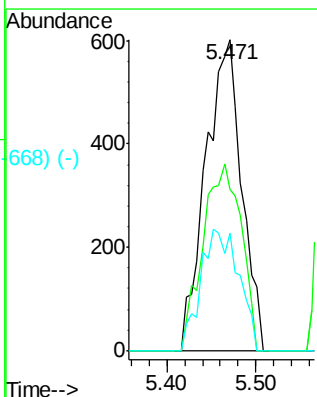
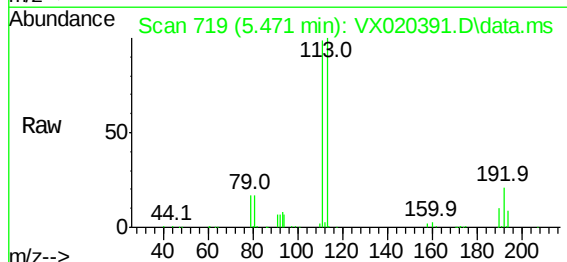
Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20201214DL

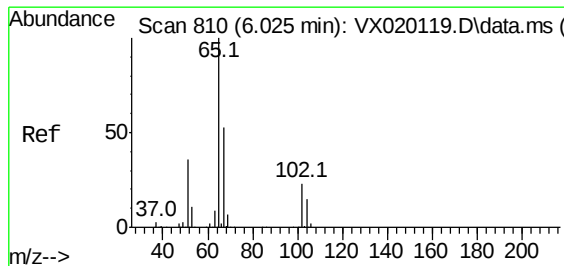
Tgt Ion:	96	Resp:	1874
Ion	Ratio	Lower	Upper
96	100		
61	134.2	0.0	285.6
98	66.4	0.0	129.6



Scan 717 (5.458 min): VX020119.D\data.ms (-668) (-)
 1,1,1-Trichloroethane
 Concen: 0.37 ug/l
 RT: 5.471 min Scan# 719
 Delta R.T. 0.013 min
 Lab File: VX020391.D
 Acq: 24 Dec 2020 16:33

Tgt Ion:	97	Resp:	1679
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	41.2	34.2	51.4

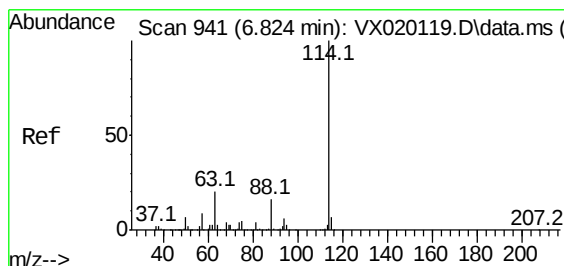
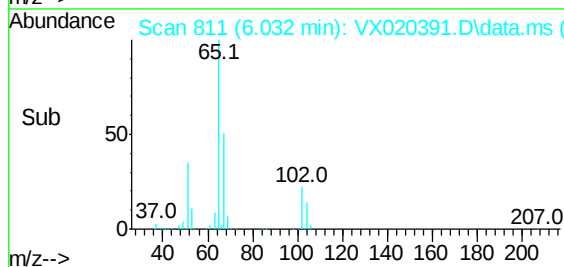
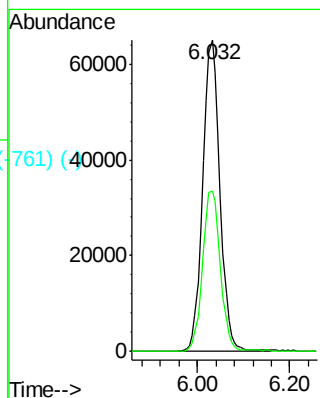
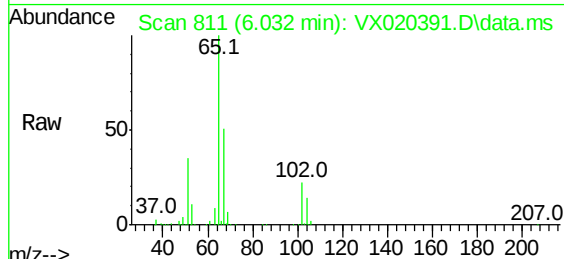




1,2-Dichloroethane-d4
Concen: 50.51 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

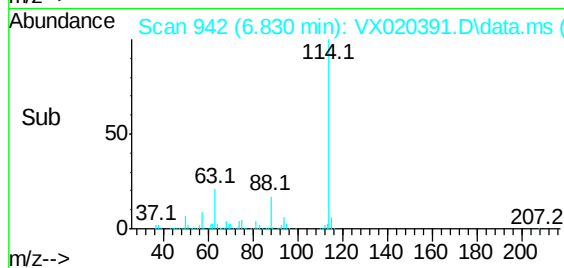
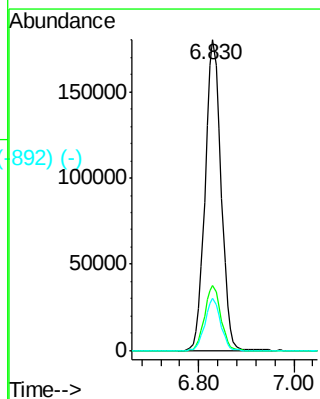
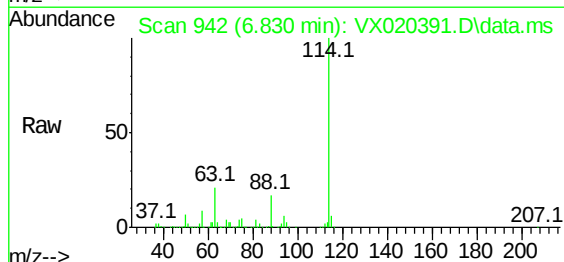
Instrument :
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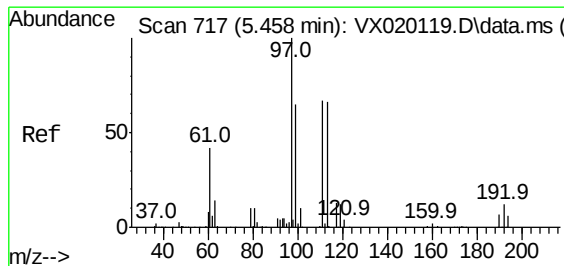
Tgt Ion: 65 Resp: 167067
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

Tgt Ion:114 Resp: 415427
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 16.7 0.0 32.8

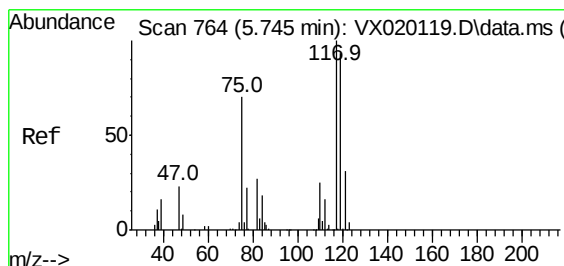
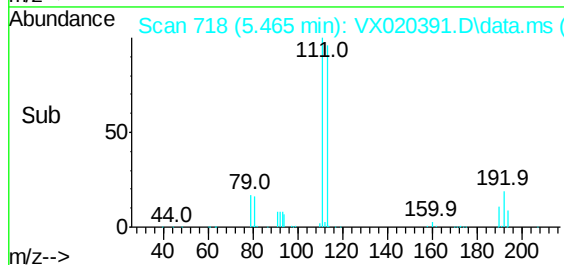
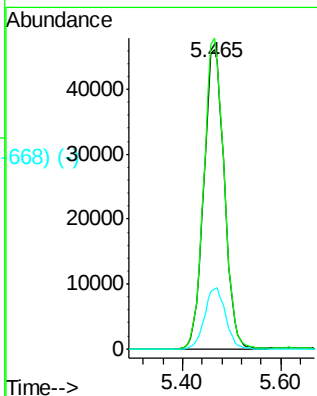
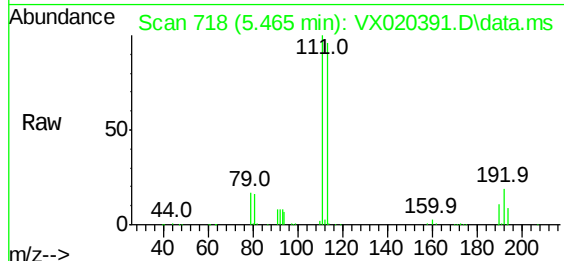




Dibromofluoromethane
Concen: 50.49 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

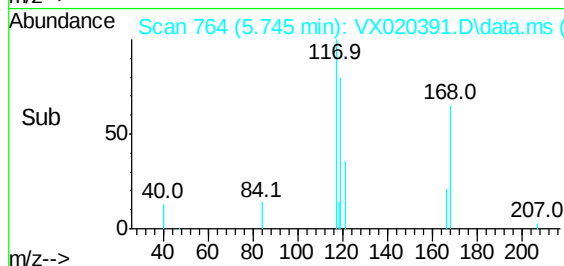
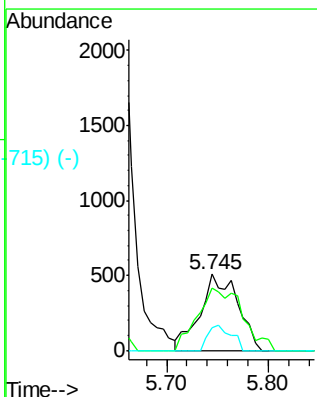
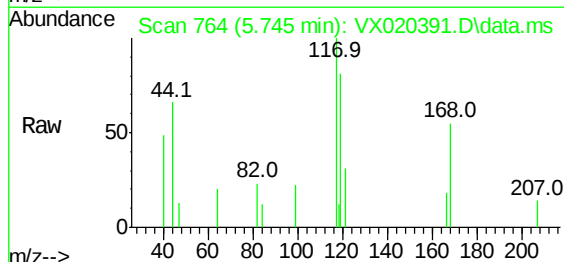
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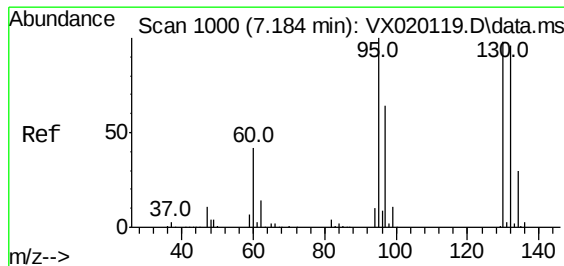
Tgt Ion:113 Resp: 134170
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 20.4 16.7 25.1



Carbon Tetrachloride
Concen: 0.33 ug/l
RT: 5.745 min Scan# 764
Delta R.T. -0.000 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

Tgt Ion:117 Resp: 1296
Ion Ratio Lower Upper
117 100
119 81.3 76.2 114.2
121 30.5 24.8 37.2

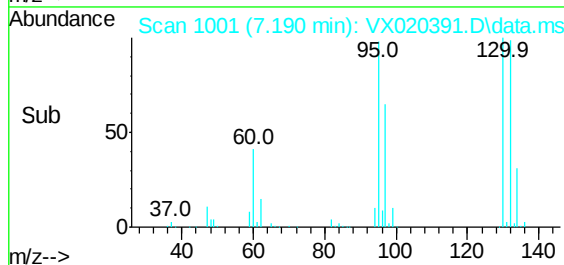
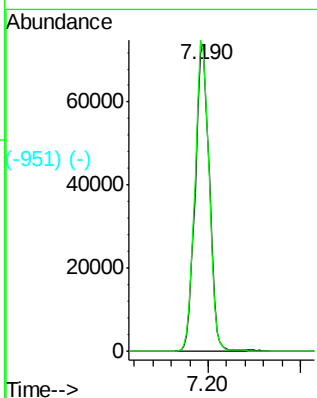
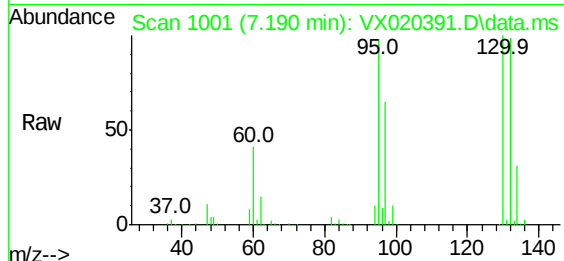




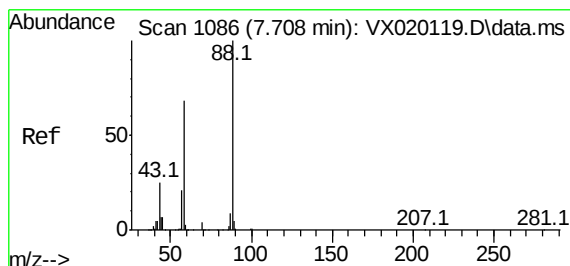
(-949) (-)
 Trichloroethene
 Concen: 47.56 ug/l
 RT: 7.190 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VX020391.D
 Acq: 24 Dec 2020 16:33

Instrument :
 MSVOA_X
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Tgt Ion:130 Resp: 157134
 Ion Ratio Lower Upper
 130 100
 95 97.9 0.0 198.0

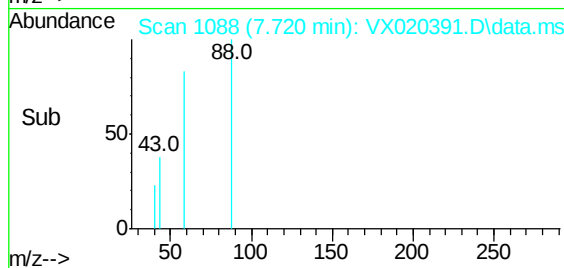
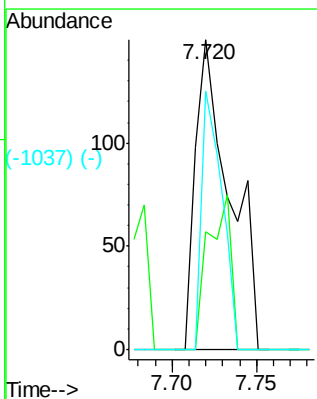
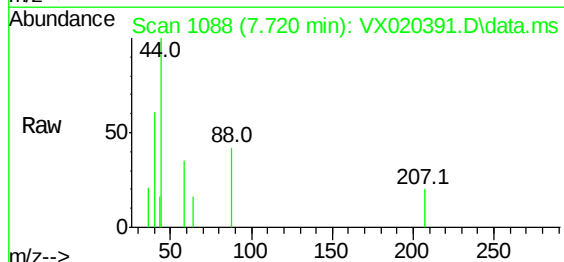


(-951) (-)

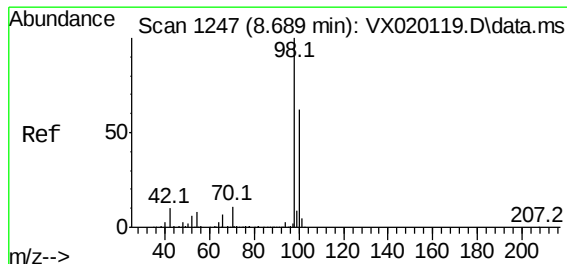


(-1079) (-)
 1,4-Dioxane
 Concen: 2.68 ug/l
 RT: 7.720 min Scan# 1088
 Delta R.T. 0.012 min
 Lab File: VX020391.D
 Acq: 24 Dec 2020 16:33

Tgt Ion: 88 Resp: 207
 Ion Ratio Lower Upper
 88 100
 43 32.9 23.2 34.8
 58 48.8 55.0 82.4#



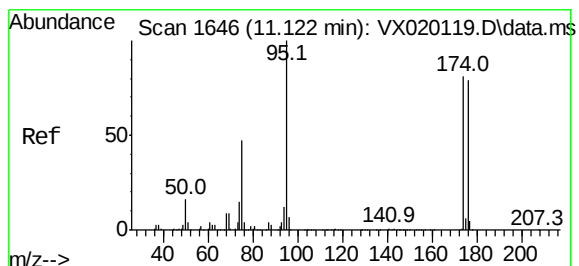
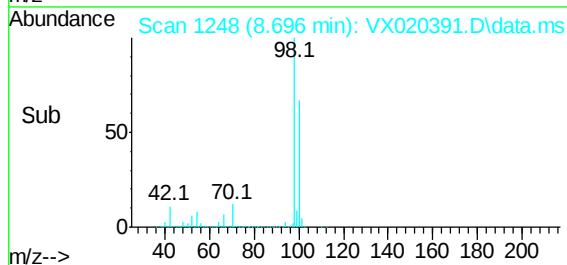
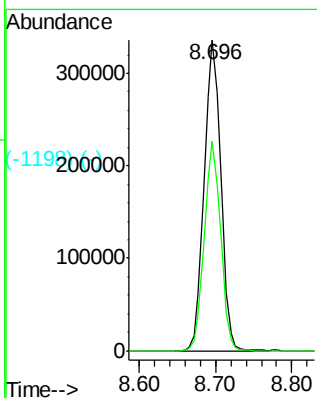
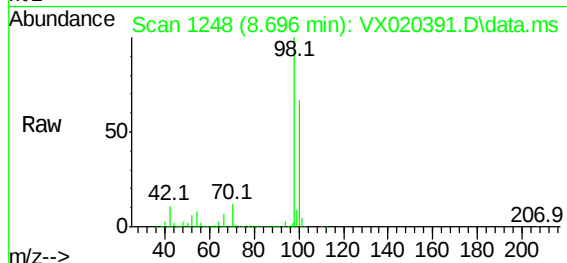
(-1037) (-)



#509 (-)
Toluene-d8
Concen: 49.55 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

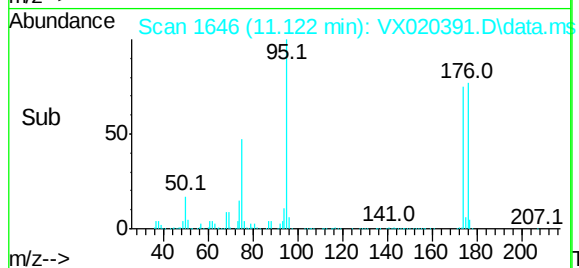
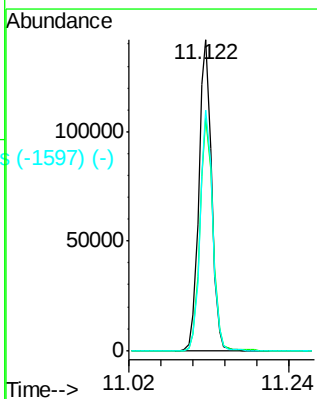
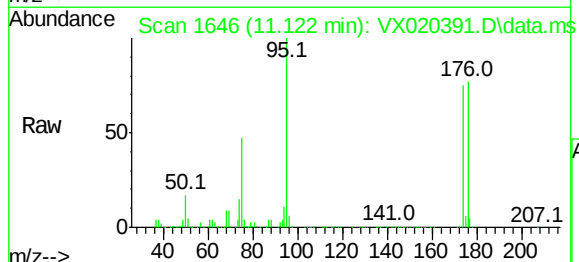
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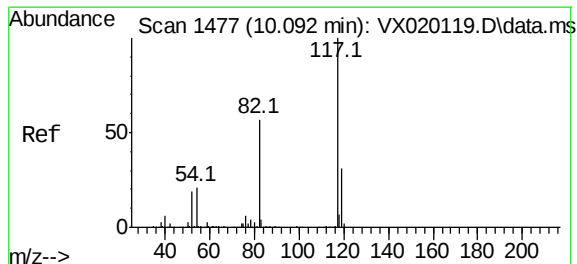
Tgt Ion: 98 Resp: 506858
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9



#639 (-)
4-Bromofluorobenzene
Concen: 44.72 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

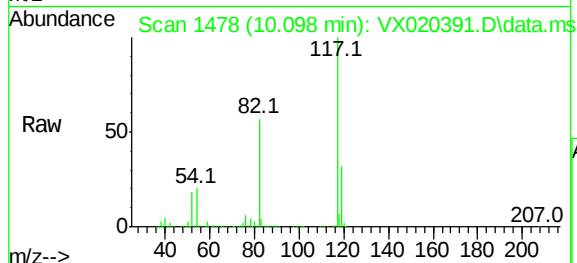
Tgt Ion: 95 Resp: 175099
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 75.9 0.0 155.8



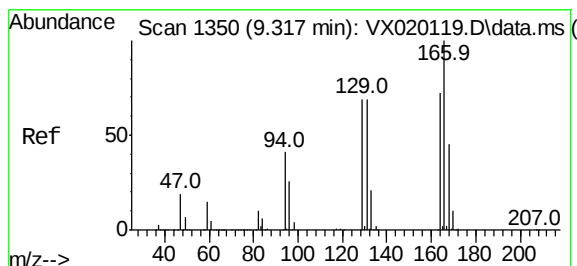
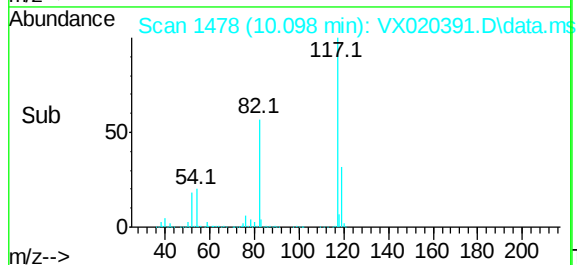
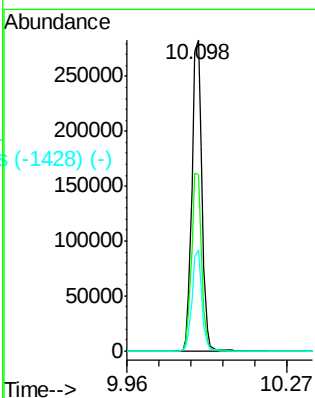


#6270 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

Instrument :
MSVOA_X
ClientSampleId :
TT180D2-20201214DL

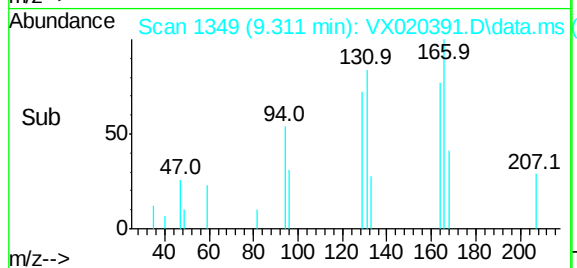
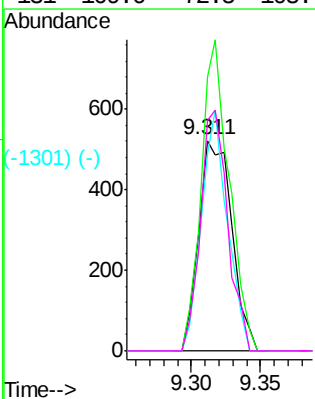
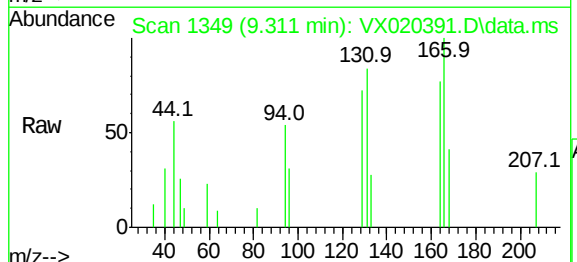


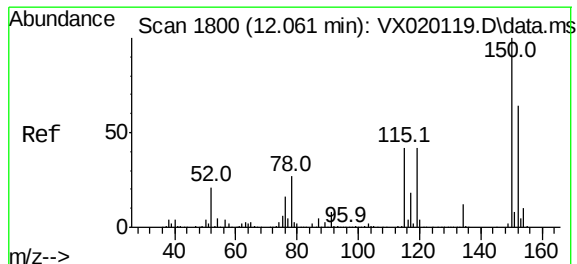
Tgt Ion:117 Resp: 387036
Ion Ratio Lower Upper
117 100
82 56.7 47.4 71.2
119 32.5 26.6 39.8



#642 (-)
Tetrachloroethene
Concen: 0.30 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VX020391.D
Acq: 24 Dec 2020 16:33

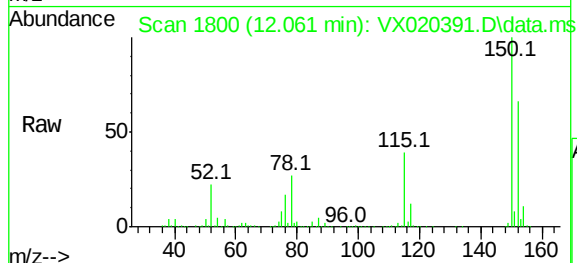
Tgt Ion:164 Resp: 862
Ion Ratio Lower Upper
164 100
166 130.3 103.4 155.2
129 93.9 70.8 106.2
131 109.6 72.5 108.7#





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020391.D
 Acq: 24 Dec 2020 16:33

Instrument :
 MSVOA_X
 ClientSampleId :
 TT180D2-20201214DL



Tgt Ion:152 Resp: 163072
 Ion Ratio Lower Upper
 152 100
 115 59.7 41.1 123.3
 150 155.1 0.0 349.0

