

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122320\
 Data File : VX020369.D
 Acq On : 24 Dec 2020 03:58
 Operator : JC/MD
 Sample : L5095-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW108-121420

Quant Time: Dec 24 05:37:18 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)

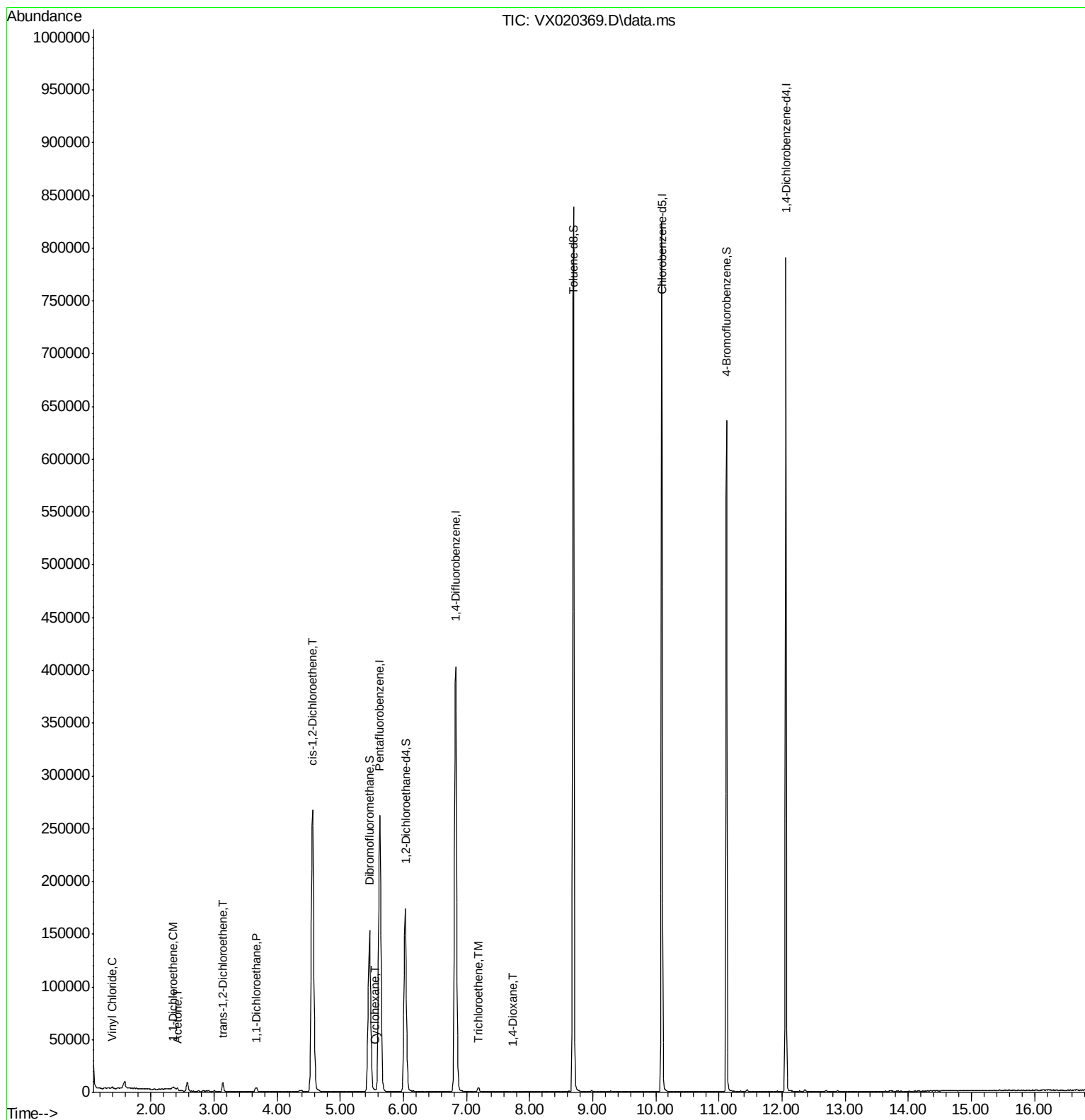
Internal Standards						
1) Pentafluorobenzene	5.629	168	248687	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	408635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	385687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	157739	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	164460	49.34	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	98.68%	
35) Dibromofluoromethane	5.465	113	133319	51.00	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	102.00%	
50) Toluene-d8	8.696	98	497052	49.40	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.80%	
62) 4-Bromofluorobenzene	11.122	95	172073	44.68	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	89.36%	
Target Compounds						
						Qvalue
4) Vinyl Chloride	1.392	62	1154	0.34	ug/l	97
12) 1,1-Dichloroethene	2.355	96	699	0.28	ug/l	93
16) Acetone	2.416	43	2340	1.54	ug/l	94
21) trans-1,2-Dichloroethene	3.142	96	3261	1.06	ug/l	96
24) 1,1-Dichloroethane	3.666	63	4747	0.88	ug/l #	94
27) cis-1,2-Dichloroethene	4.562	96	177043	50.89	ug/l	90
31) Cyclohexane	5.544	56	1082	0.24	ug/l	95
44) Trichloroethene	7.190	130	1435	0.44	ug/l	94
49) 1,4-Dioxane	7.726	88	447	5.88	ug/l #	85

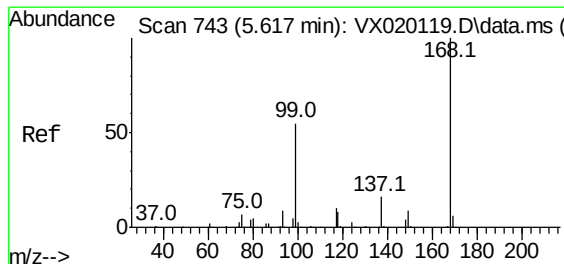
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

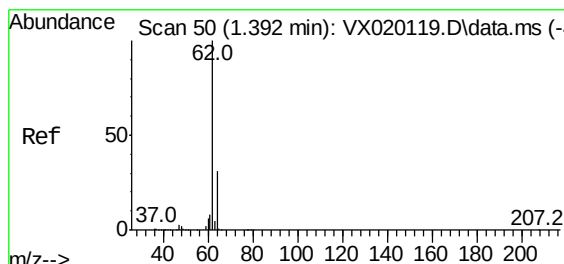
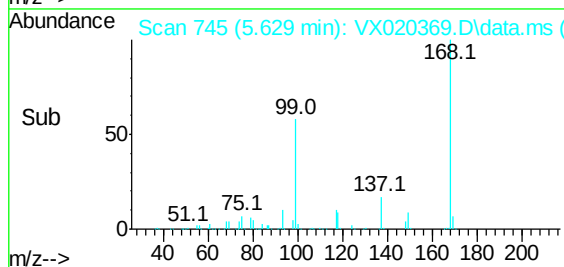
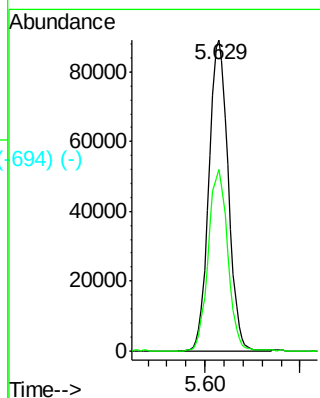
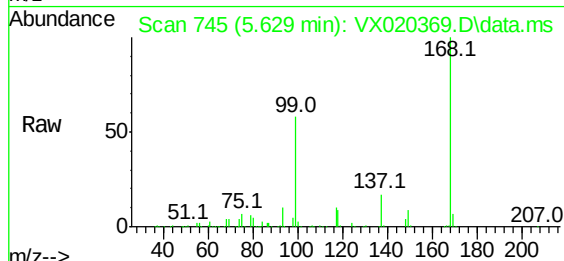




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 5.629 min Scan# 745
 Delta R.T. 0.012 min
 Lab File: VX020369.D
 Acq: 24 Dec 2020 03:58

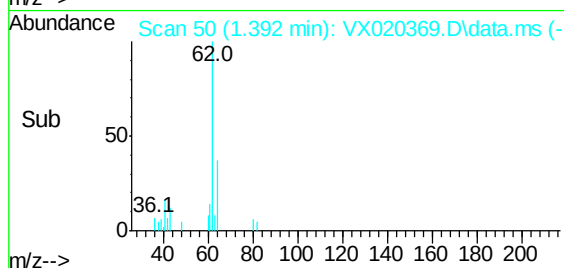
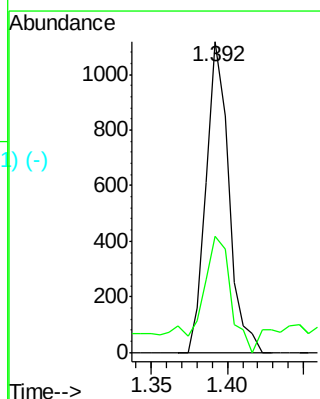
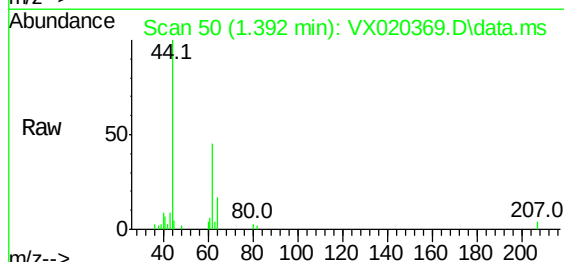
Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW108-121420

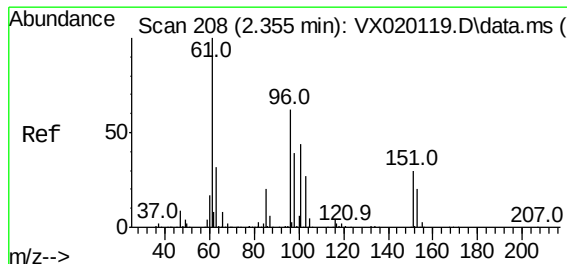
Tgt Ion:168 Resp: 248687
 Ion Ratio Lower Upper
 168 100
 99 58.2 45.8 68.6



Vinyl Chloride
 Concen: 0.34 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VX020369.D
 Acq: 24 Dec 2020 03:58

Tgt Ion: 62 Resp: 1154
 Ion Ratio Lower Upper
 62 100
 64 30.2 25.7 38.5

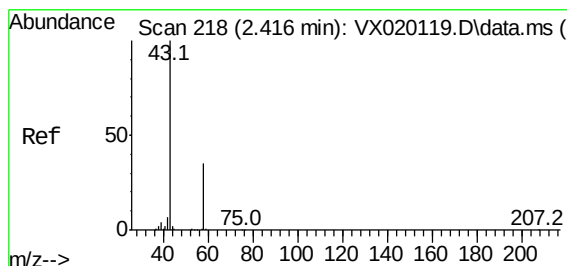
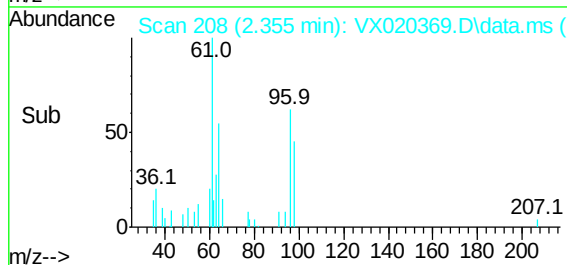
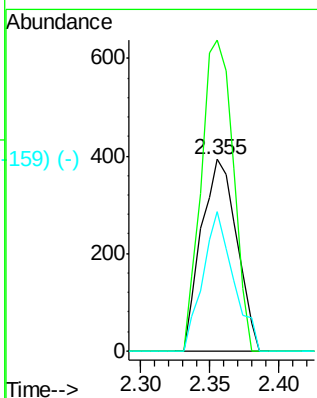
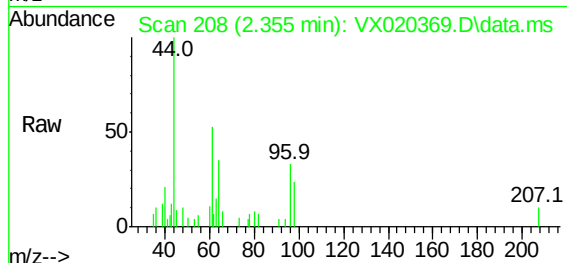




1,1-Dichloroethene
Concen: 0.28 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.000 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

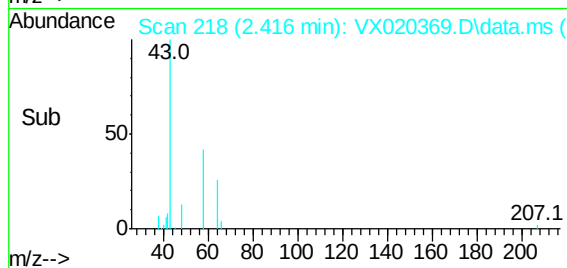
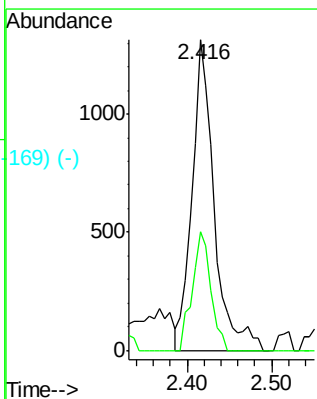
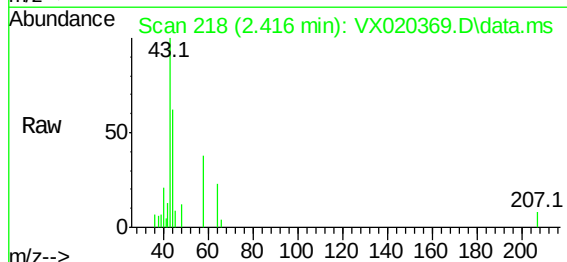
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

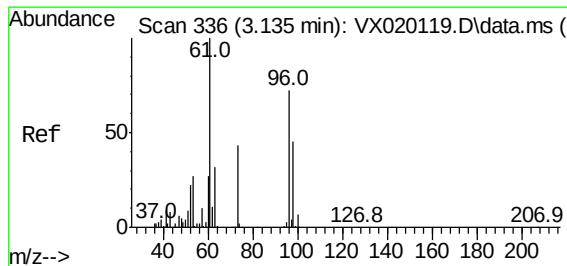
Tgt Ion:	96	Resp:	699
Ion	Ratio	Lower	Upper
96	100		
61	162.3	124.6	187.0
98	72.5	50.6	76.0



Acetone
Concen: 1.54 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Tgt Ion:	43	Resp:	2340
Ion	Ratio	Lower	Upper
43	100		
58	38.1	27.8	41.8

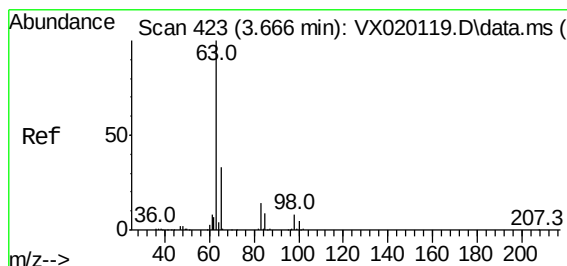
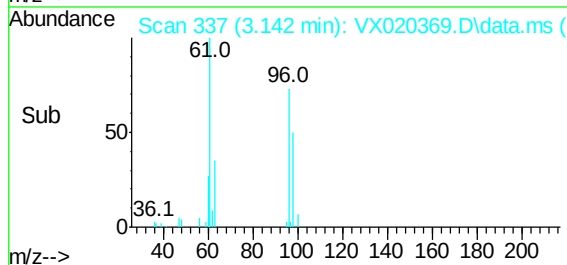
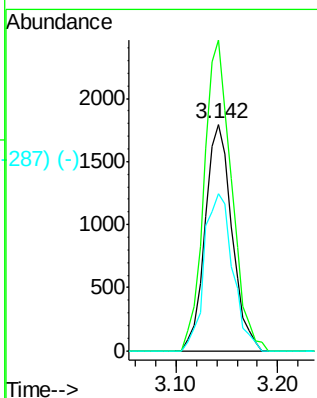
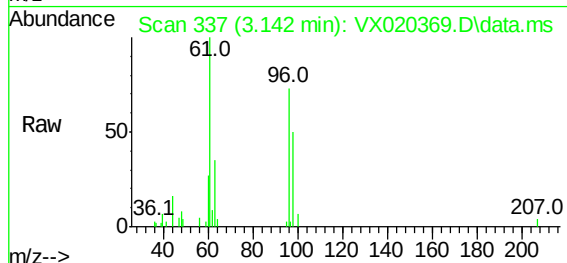




#21 (-)
trans-1,2-Dichloroethene
Concen: 1.06 ug/l
RT: 3.142 min Scan# 337
Delta R.T. 0.007 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

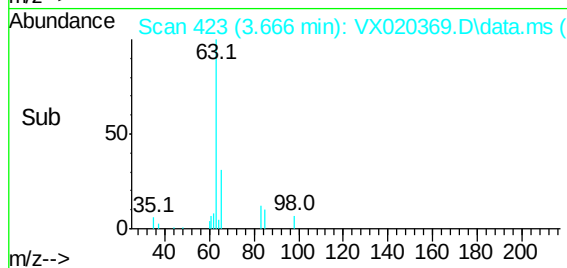
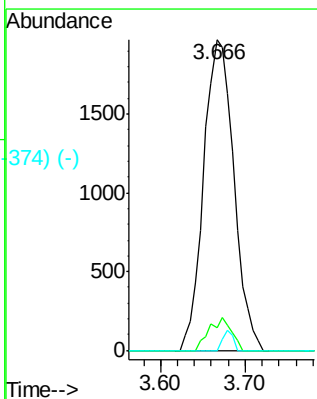
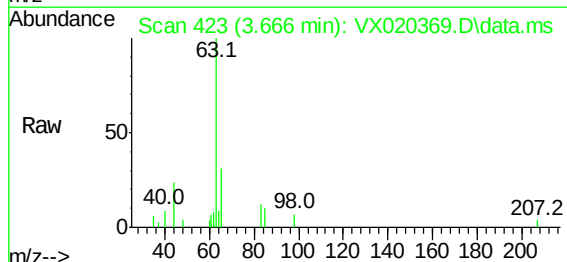
Instrument :
MSVOA_X
ClientSampleId :
39-MW108-121420

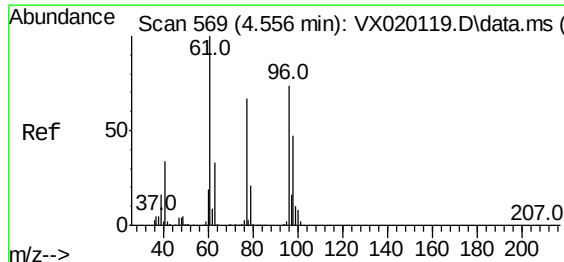
Tgt Ion: 96 Resp: 3261
Ion Ratio Lower Upper
96 100
61 137.2 107.7 161.5
98 69.1 50.4 75.6



#24 (-)
1,1-Dichloroethane
Concen: 0.88 ug/l
RT: 3.666 min Scan# 423
Delta R.T. 0.000 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

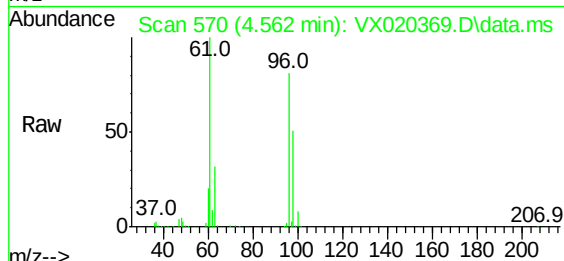
Tgt Ion: 63 Resp: 4747
Ion Ratio Lower Upper
63 100
98 7.4 3.8 11.2
100 0.0 2.5 7.5#





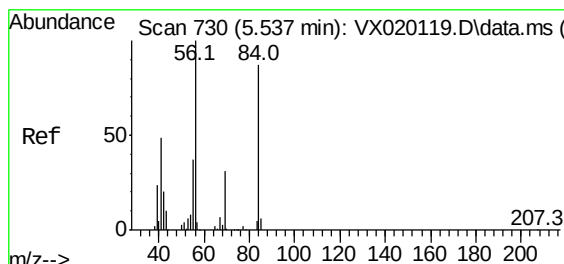
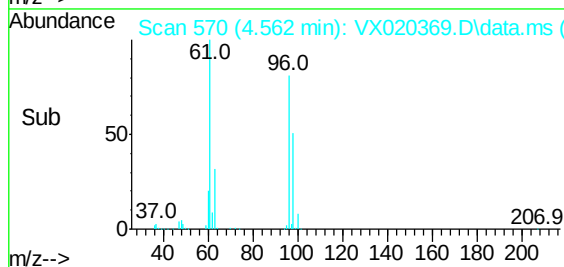
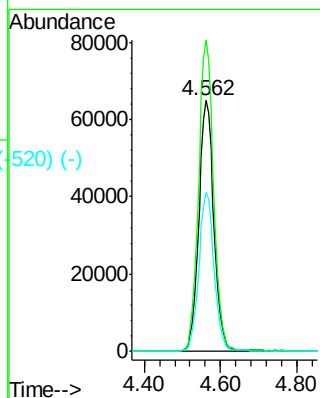
#27 (-)
 cis-1,2-Dichloroethene
 Concen: 50.89 ug/l
 RT: 4.562 min Scan# 570
 Delta R.T. 0.006 min
 Lab File: VX020369.D
 Acq: 24 Dec 2020 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW108-121420



Tgt Ion: 96 Resp: 177043

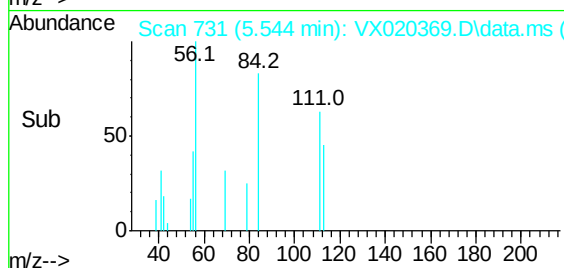
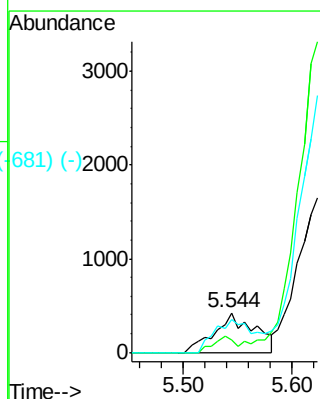
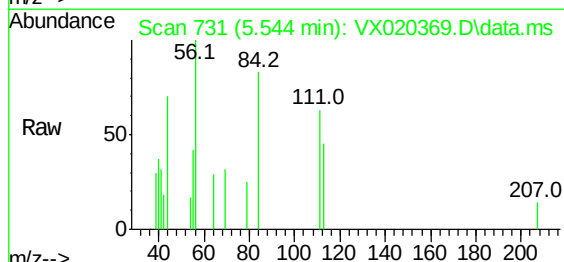
Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	285.6
98	64.1	0.0	129.6

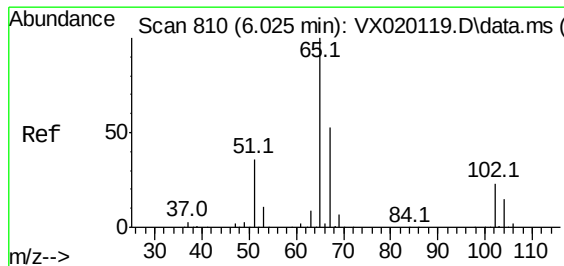


#31 (-)
 Cyclohexane
 Concen: 0.24 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. 0.007 min
 Lab File: VX020369.D
 Acq: 24 Dec 2020 03:58

Tgt Ion: 56 Resp: 1082

Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.3	37.9
84	83.4	71.4	107.0

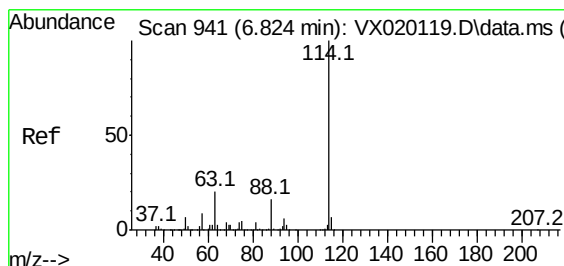
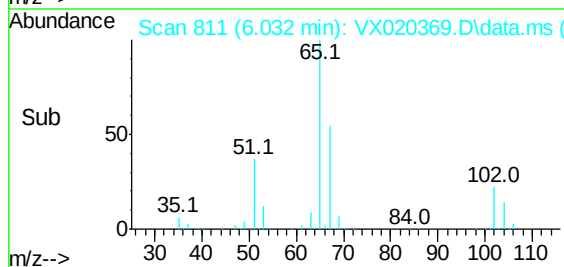
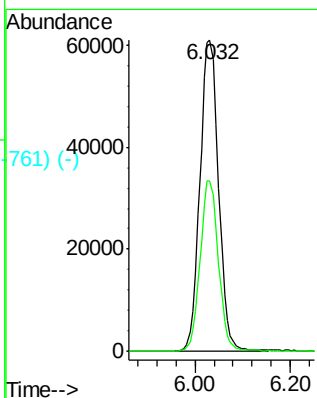
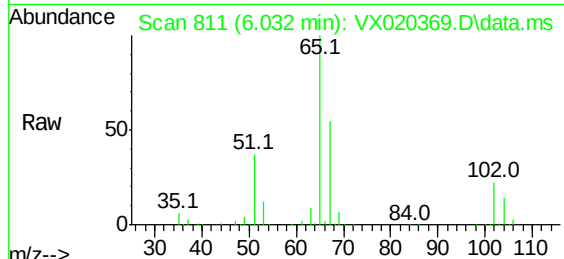




1,2-Dichloroethane-d4
Concen: 49.34 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

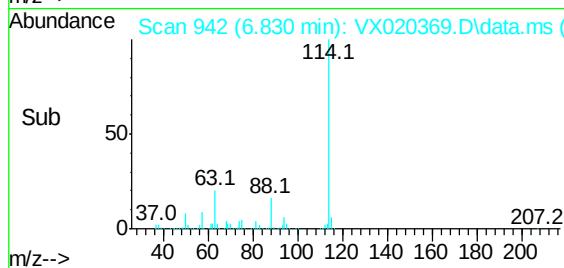
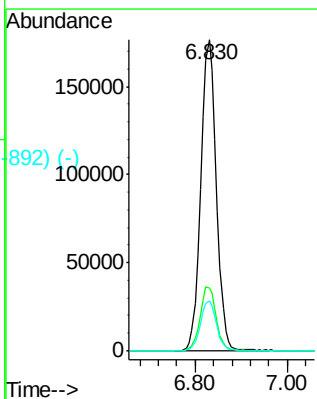
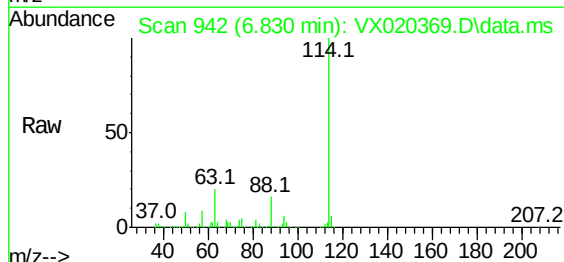
Instrument :
MSVOA_X
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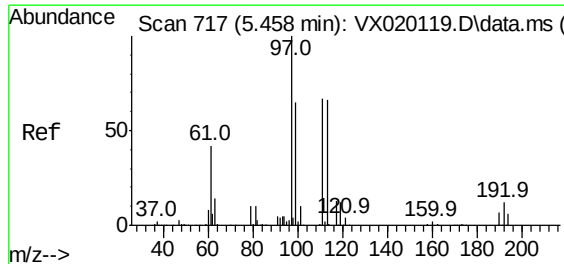
Tgt Ion: 65 Resp: 164460
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.4



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Tgt Ion: 114 Resp: 408635
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 15.9 0.0 32.8

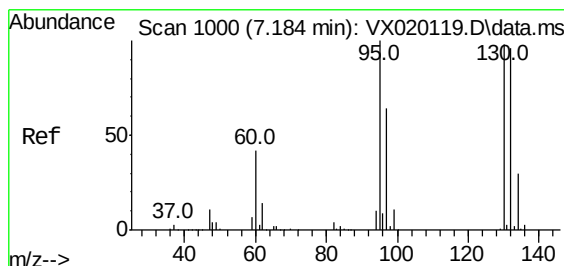
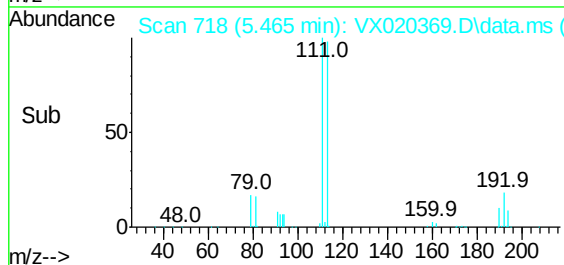
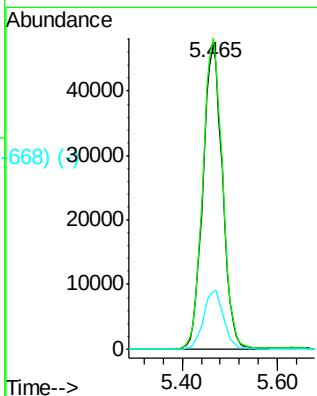
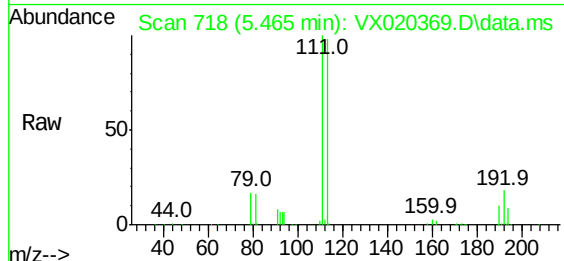




Dibromofluoromethane
Concen: 51.00 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

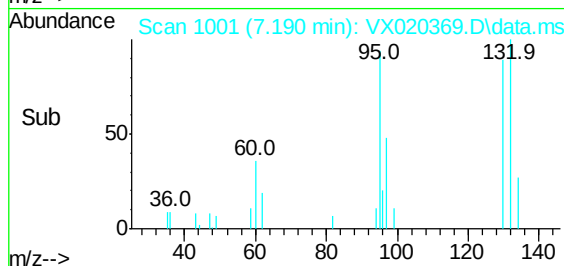
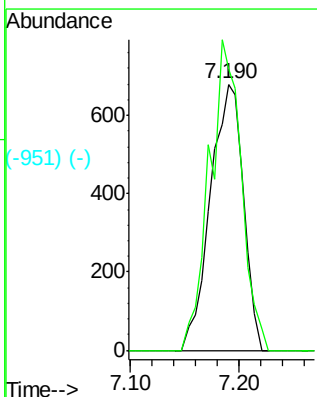
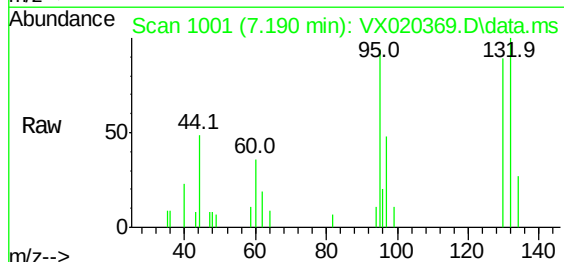
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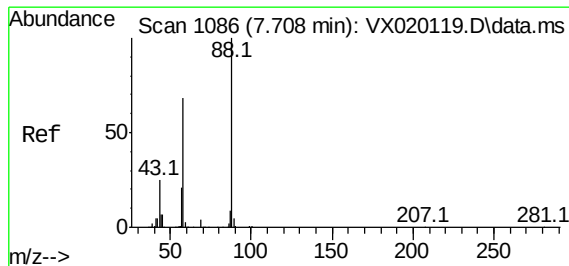
Tgt Ion:113 Resp: 133319
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 19.6 16.7 25.1



Trichloroethene
Concen: 0.44 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

Tgt Ion:130 Resp: 1435
Ion Ratio Lower Upper
130 100
95 105.4 0.0 198.0

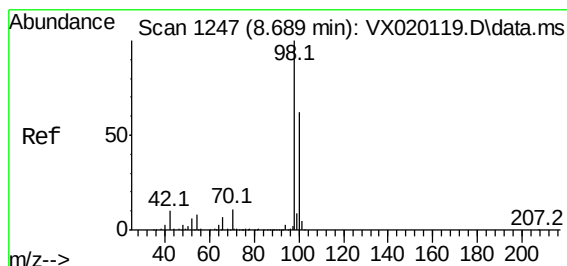
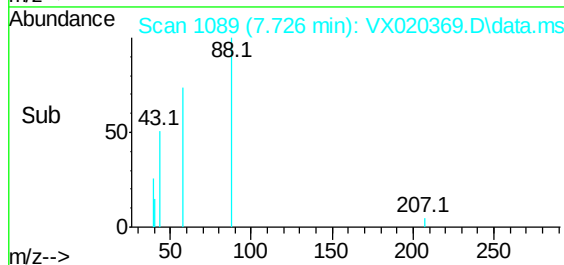
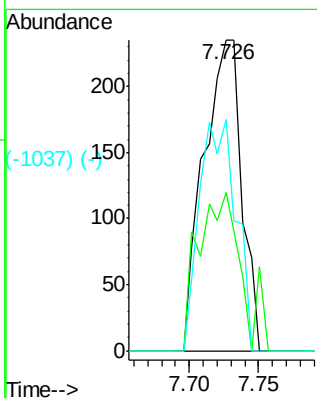
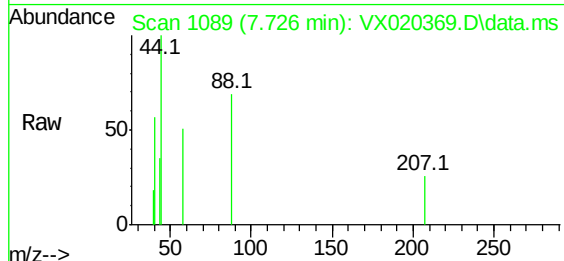




(-109) (-)
1,4-Dioxane
Concen: 5.88 ug/l
RT: 7.726 min Scan# 1089
Delta R.T. 0.018 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

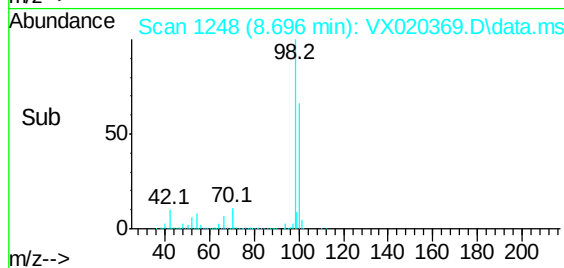
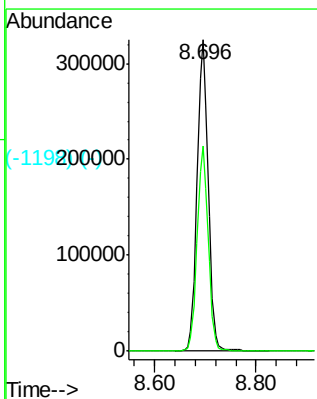
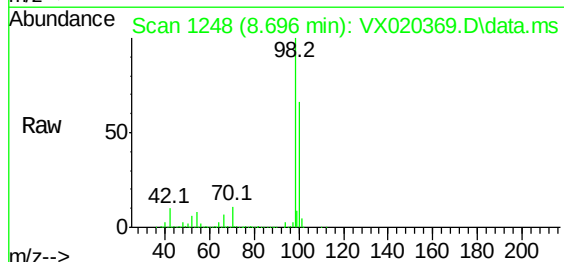
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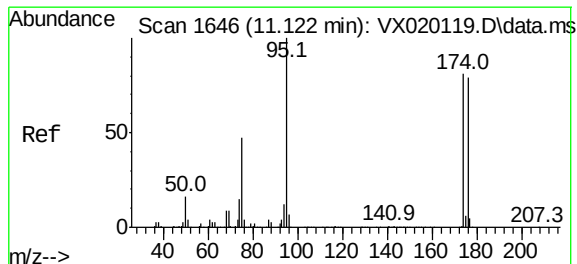
Tgt Ion: 88 Resp: 447
Ion Ratio Lower Upper
88 100
43 52.1 23.2 34.8#
58 71.4 55.0 82.4



(-129) (-)
To Luene-d8
Concen: 49.40 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020369.D
Acq: 24 Dec 2020 03:58

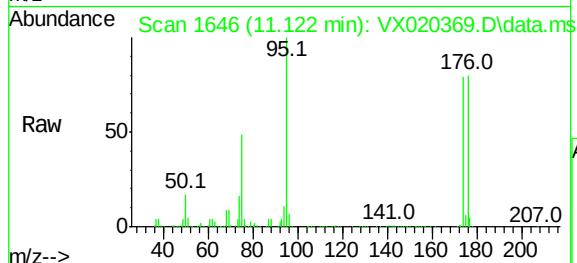
Tgt Ion: 98 Resp: 497052
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9





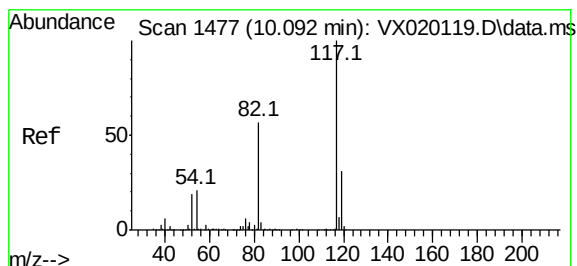
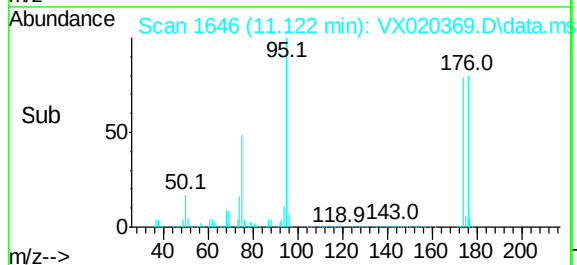
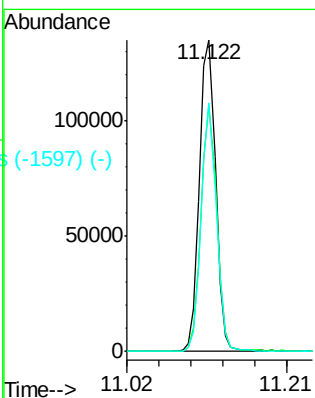
#639 (-)
 4-Bromofluorobenzene
 Concen: 44.68 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.000 min
 Lab File: VX020369.D
 Acq: 24 Dec 2020 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW108-121420

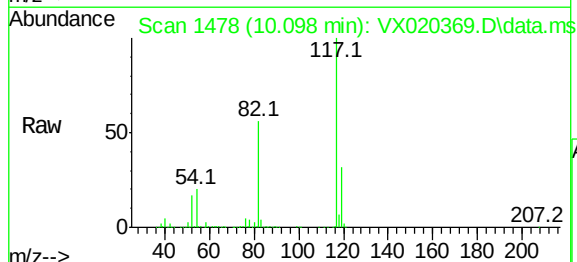


Tgt Ion: 95 Resp: 172073

Ion	Ratio	Lower	Upper
95	100		
174	76.3	0.0	154.6
176	74.3	0.0	155.8

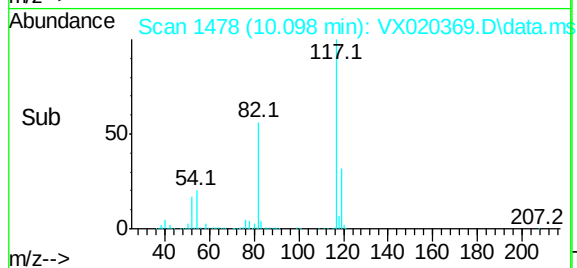
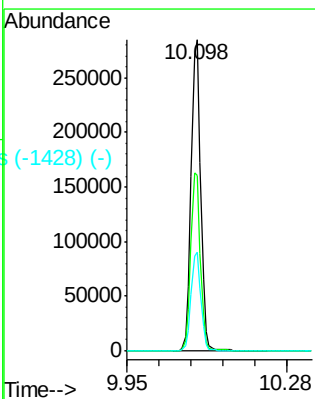


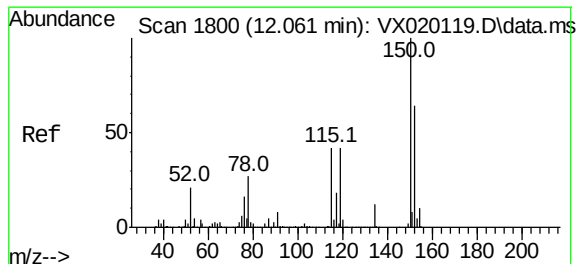
#640 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 10.098 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VX020369.D
 Acq: 24 Dec 2020 03:58



Tgt Ion: 117 Resp: 385687

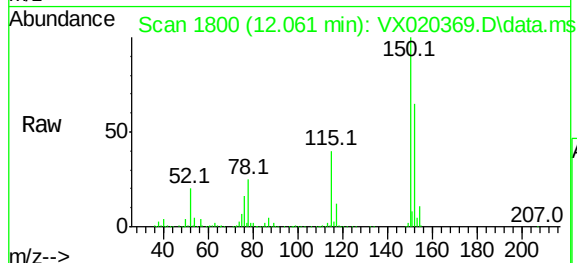
Ion	Ratio	Lower	Upper
117	100		
82	56.2	47.4	71.2
119	31.8	26.6	39.8





#1794 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020369.D
 Acq: 24 Dec 2020 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 39-MW108-121420



Tgt Ion:	152	Resp:	157739
Ion Ratio	Lower	Upper	
152	100		
115	61.6	41.1	123.3
150	156.5	0.0	349.0

