

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005852.D
 Acq On : 04 Oct 2018 12:15
 Operator : SY/AP
 Sample : J5198-05RE
 Misc : 6.69G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-100218-CRE

Quant Time: Oct 04 13:57:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	165118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	251268	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	166274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	61642	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	81157	40.51	ug/l	0.00
Spiked Amount			Recovery	=	81.02%	
35) Dibromofluoromethane	7.88	113	69098	41.96	ug/l	0.00
Spiked Amount			Recovery	=	83.92%	
50) Toluene-d8	10.33	98	122094	18.67	ug/l	0.00
Spiked Amount			Recovery	=	37.34%	
62) 4-Bromofluorobenzene	12.63	95	53615	22.18	ug/l	0.00
Spiked Amount			Recovery	=	44.36%	

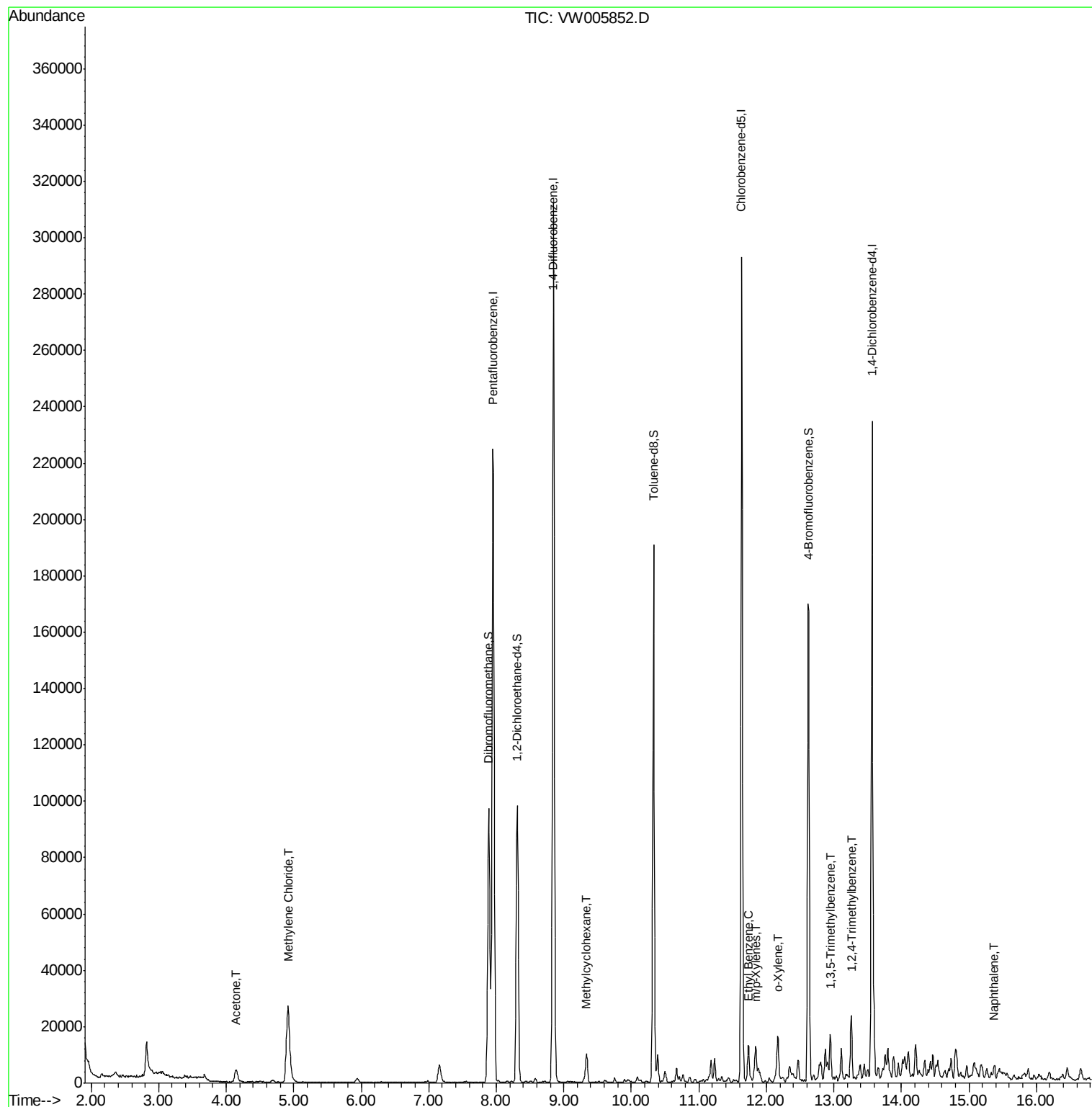
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.15	43	9200	27.520	ug/l	94
20) Methylene Chloride	4.92	84	23292	6.028	ug/l	93
39) Methylcyclohexane	9.34	83	3707	1.318	ug/l #	84
67) Ethyl Benzene	11.74	91	7169	1.152	ug/l	99
68) m/p-Xylenes	11.84	106	3593	1.498	ug/l	99
69) o-Xylene	12.17	106	4002	1.795	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	6670	1.811	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	12039	3.183	ug/l	96
95) Naphthalene	15.38	128	4323	3.751	ug/l	97

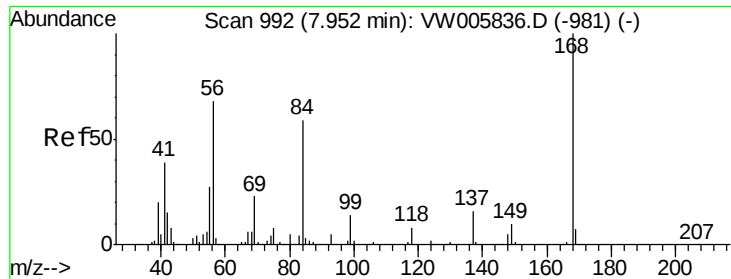
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW100418\
Data File : VW005852.D
Acq On : 04 Oct 2018 12:15
Operator : SY/AP
Sample : J5198-05RE
Misc : 6.69G/5ML/MSVOA W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100218-CRE

Quant Time: Oct 04 13:57:06 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
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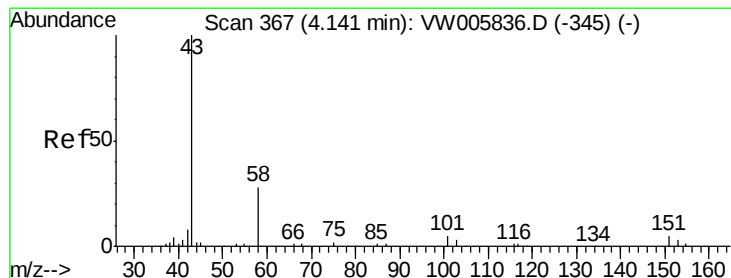
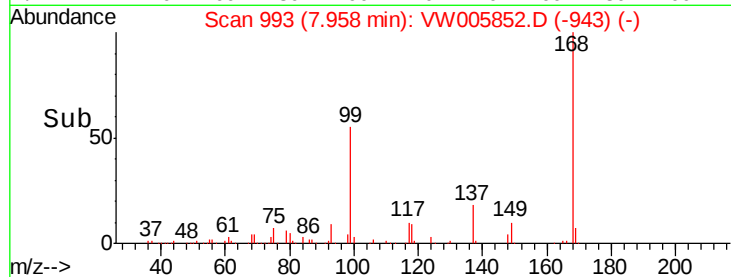
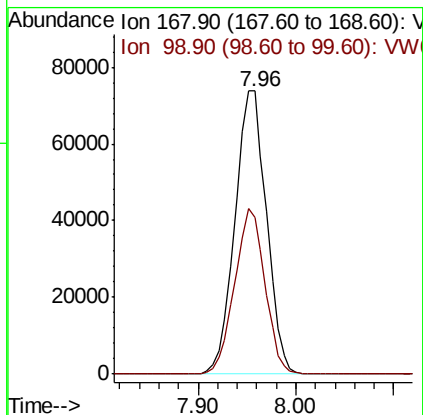
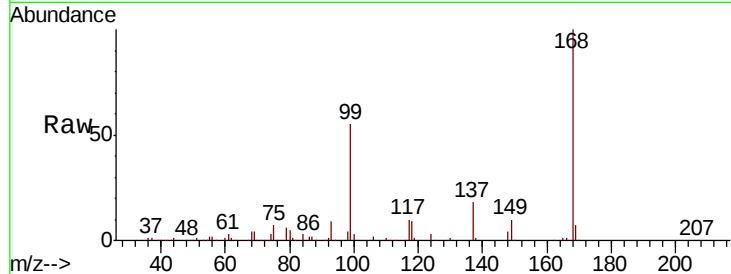


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VW005852.D
 Acq: 04 Oct 2018 12:15

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-100218-CRE

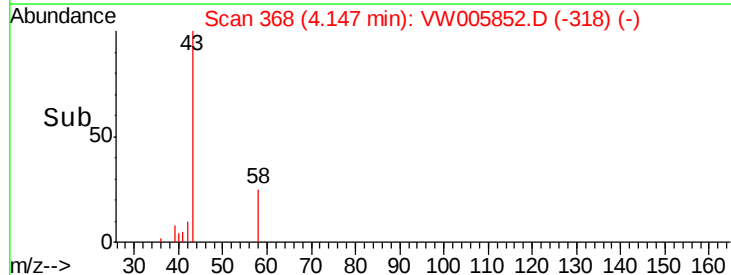
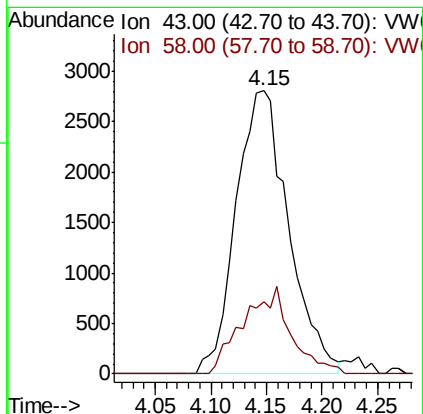
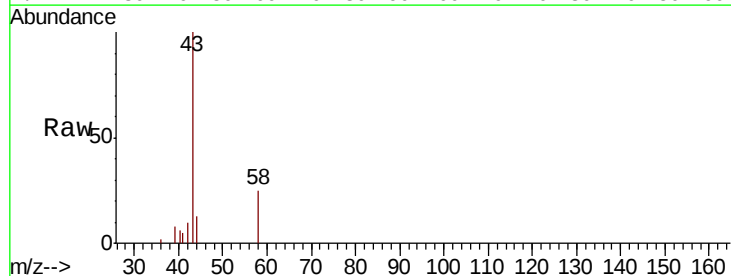
Tot Ion:168 Resp: 165118
 Ion Ratio Lower Upper
 168 100
 99 55.3 45.4 68.2

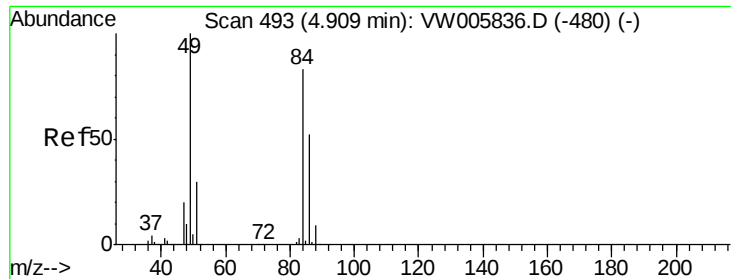


#16

Acetone
 Concen: 27.520 ug/l
 RT: 4.15 min Scan# 368
 Delta R.T. 0.01 min
 Lab File: VW005852.D
 Acq: 04 Oct 2018 12:15

Tgt Ion: 43 Resp: 9200
 Ion Ratio Lower Upper
 43 100
 58 25.5 23.0 34.4



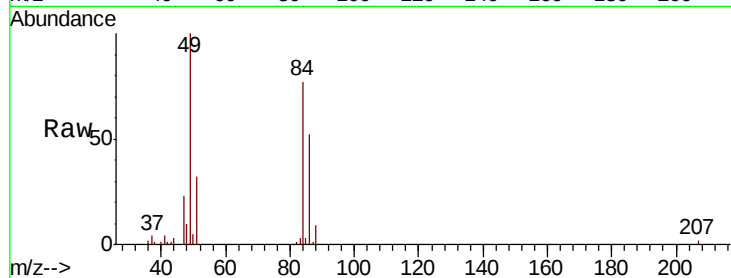


#20
Methvlene Chloride
Concen: 6.028 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW005852.D
Acq: 04 Oct 2018 12:15

Instrument :
MSVOA_W
ClientSampleId :
CL-01-100218-CRE

Tot Ion: 84 Resp: 23292

Ion	Ratio	Lower	Upper
84	100		
49	129.4	96.8	145.2
51	41.2	28.8	43.2
86	66.7	50.5	75.7



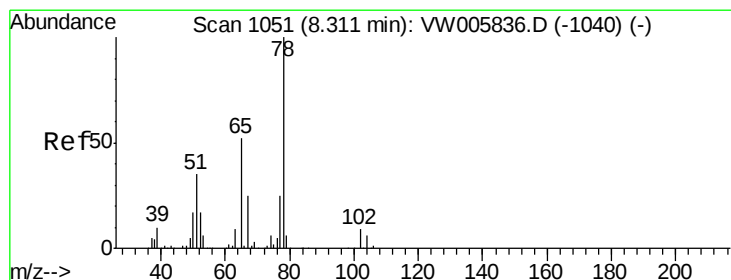
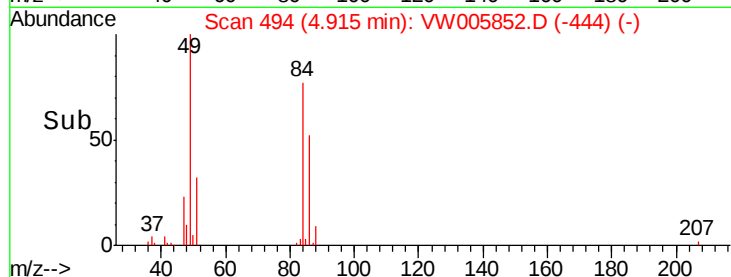
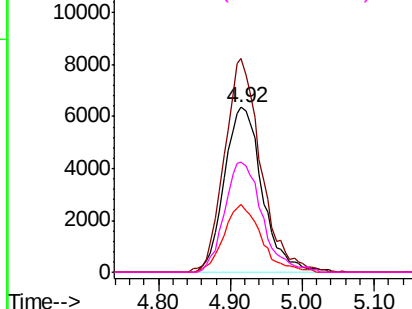
Abundance

Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

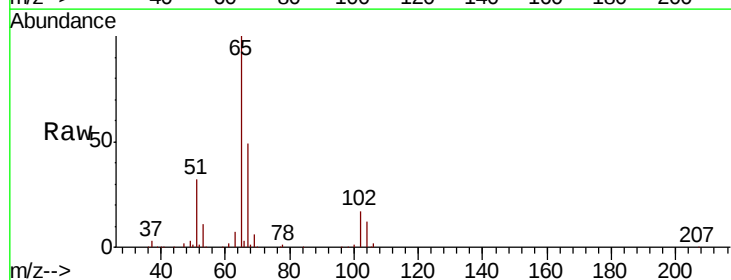
Ion 85.90 (85.60 to 86.60): VW



#33
1,2-Dichloroethane-d4
Concen: 40.515 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005852.D
Acq: 04 Oct 2018 12:15

Tgt Ion: 65 Resp: 81157

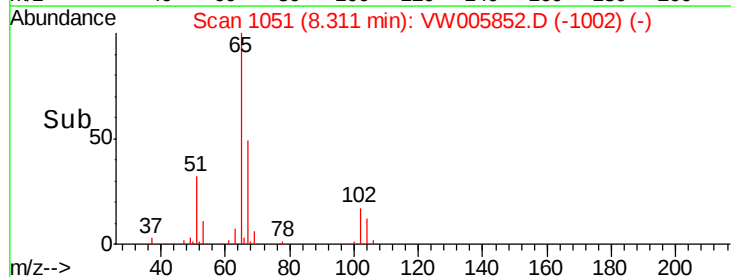
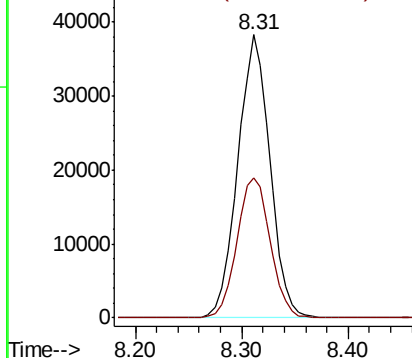
Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	98.0

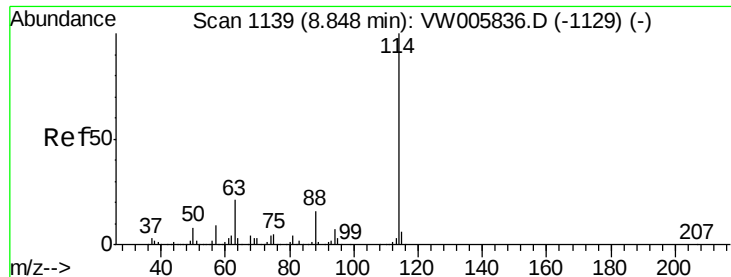


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

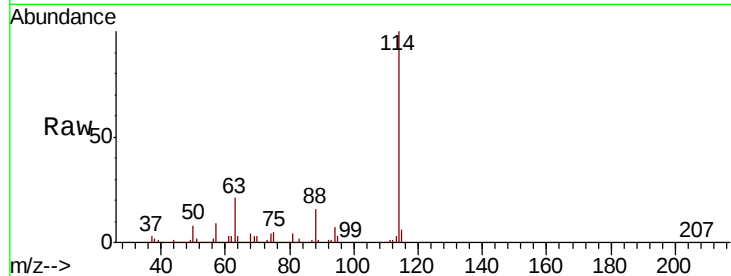




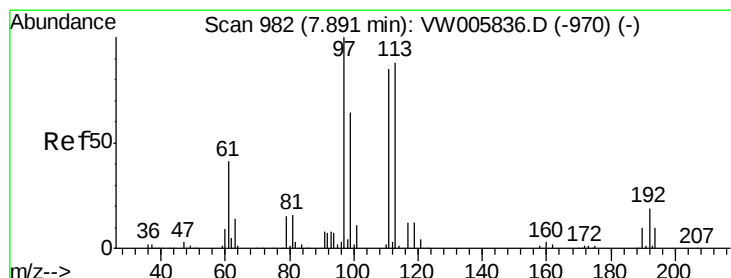
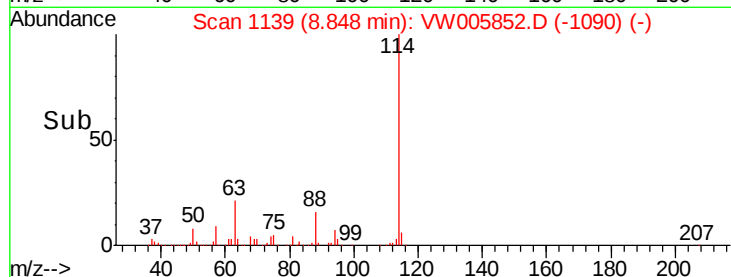
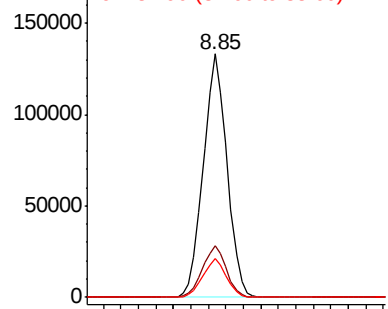
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005852.D
 Acq: 04 Oct 2018 12:15

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-100218-CRE

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.3	0.0	42.0
88	15.8	0.0	31.2

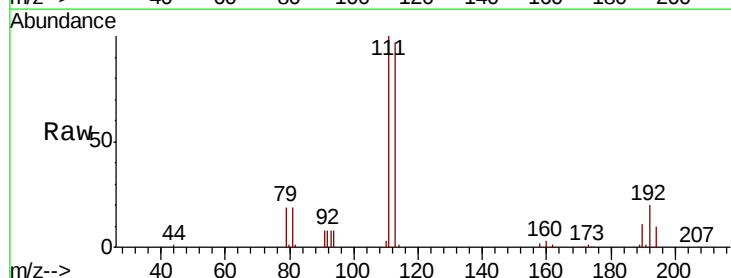


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

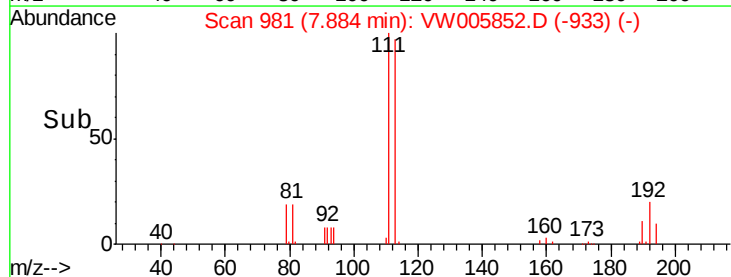
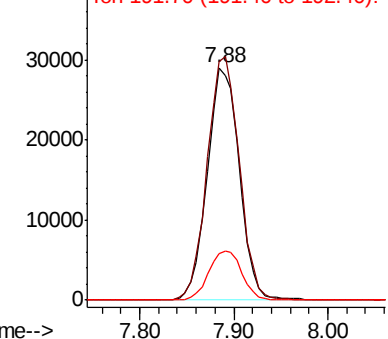


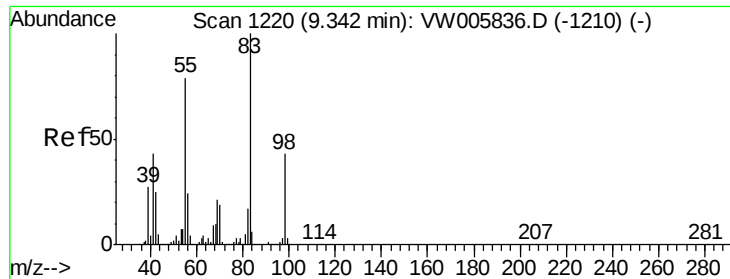
#35
 Dibromofluoromethane
 Concen: 41.956 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW005852.D
 Acq: 04 Oct 2018 12:15

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.4	122.2
192	21.7	17.3	25.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#39

Methylcyclohexane

Concen: 1.318 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. -0.00 min

Lab File: VW005852.D

Acq: 04 Oct 2018 12:15

Instrument :

MSVOA_W

ClientSampleId :

CL-01-100218-CRE

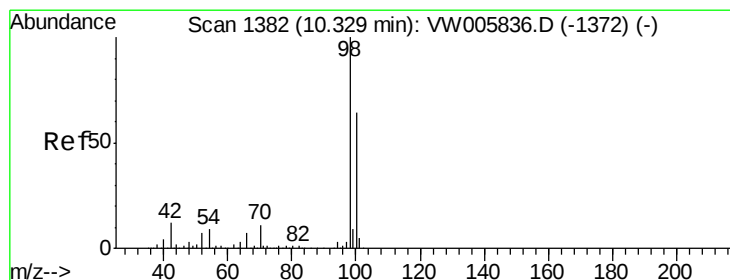
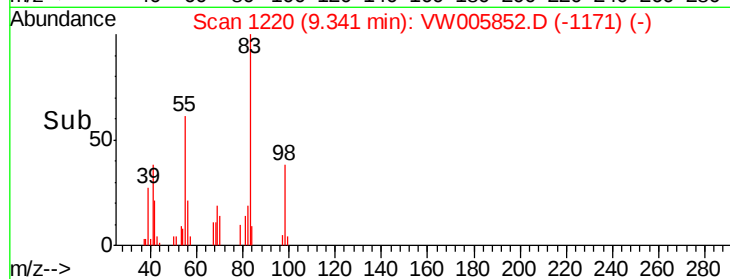
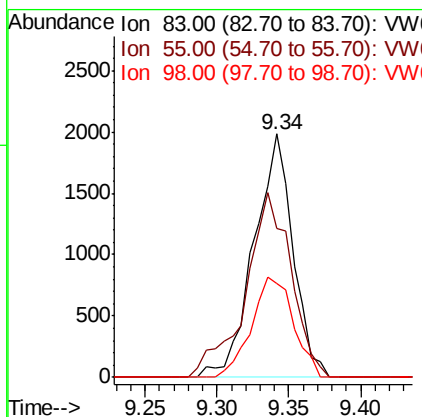
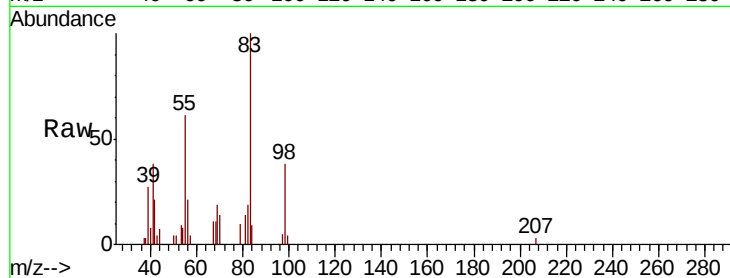
Tot Ion: 83 Resp: 3707

Ion Ratio Lower Upper

83 100

55 61.0 63.0 94.4#

98 38.4 34.5 51.7



#50

Toluene-d8

Concen: 18.670 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005852.D

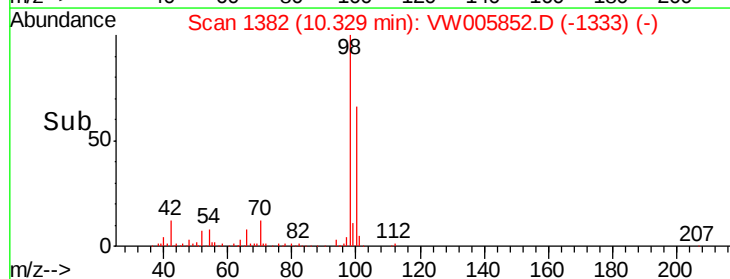
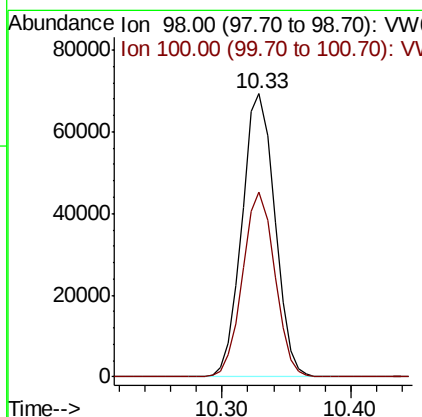
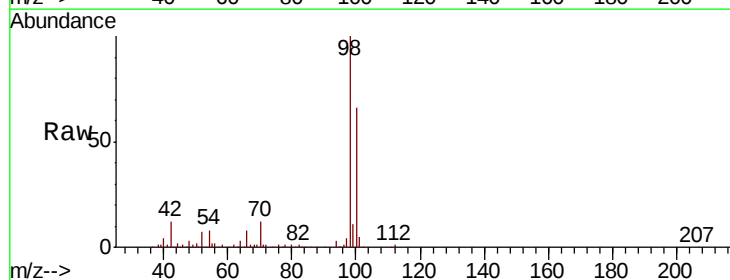
Acq: 04 Oct 2018 12:15

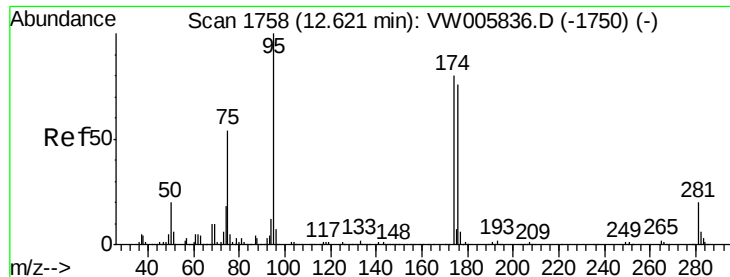
Tgt Ion: 98 Resp: 122094

Ion Ratio Lower Upper

98 100

100 64.0 51.7 77.5

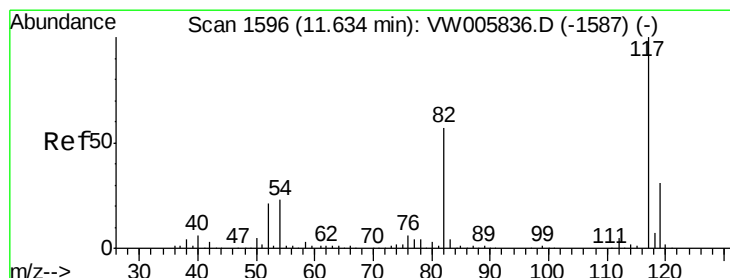
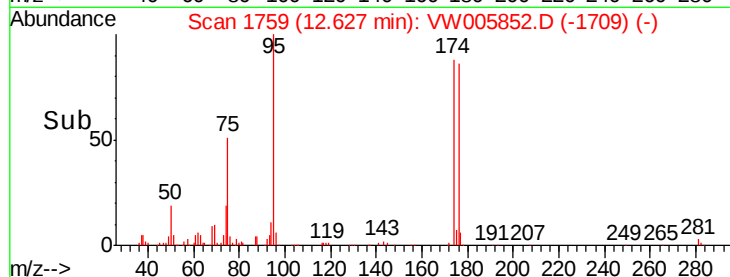
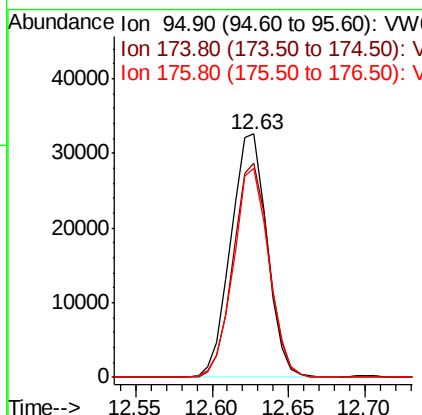
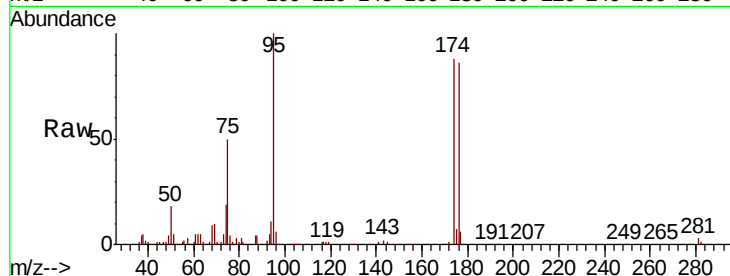




#62
4-Bromofluorobenzene
Concen: 22.185 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.01 min
Lab File: VW005852.D
Acq: 04 Oct 2018 12:15

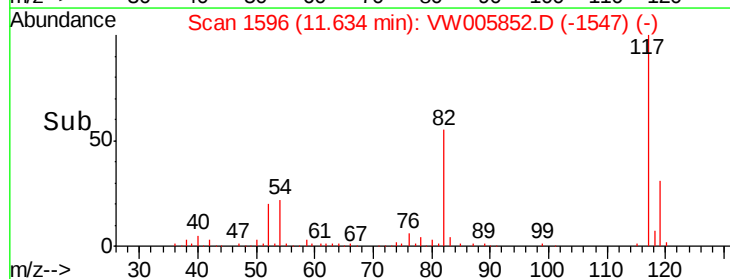
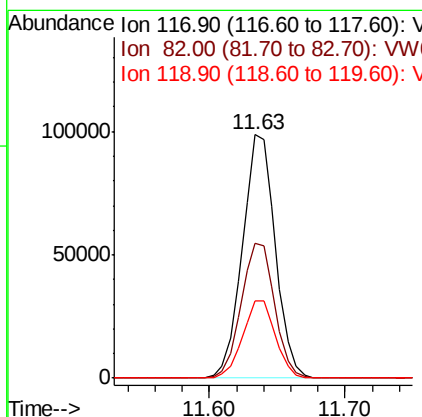
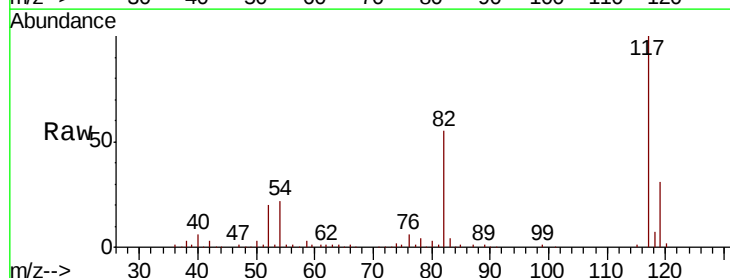
Instrument :
MSVOA_W
ClientSampleId :
CL-01-100218-CRE

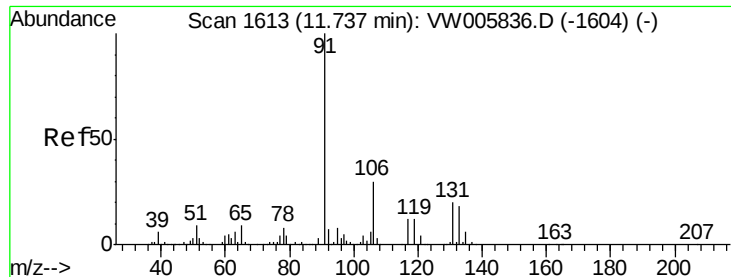
Tot Ion: 95 Resp: 53615
Ion Ratio Lower Upper
95 100
174 86.8 0.0 169.0
176 84.5 0.0 164.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW005852.D
Acq: 04 Oct 2018 12:15

Tgt Ion: 117 Resp: 166274
Ion Ratio Lower Upper
117 100
82 55.4 45.6 68.4
119 31.5 25.0 37.6

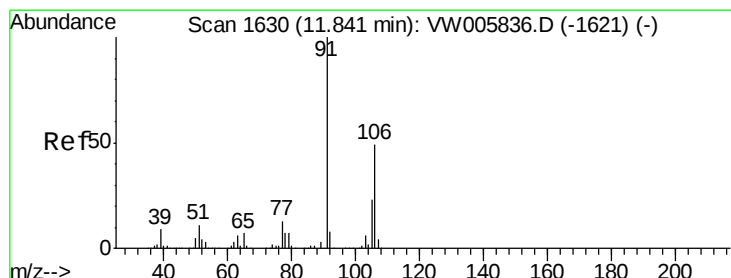
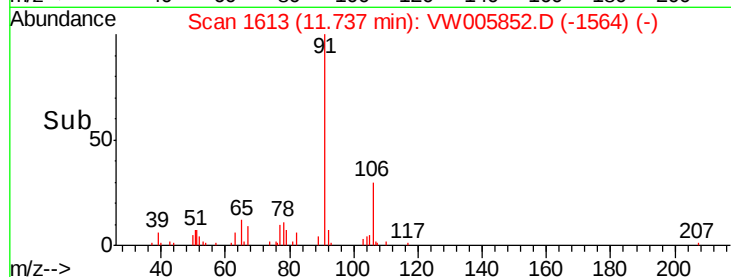
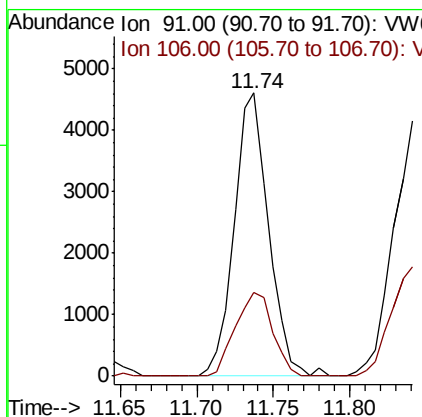
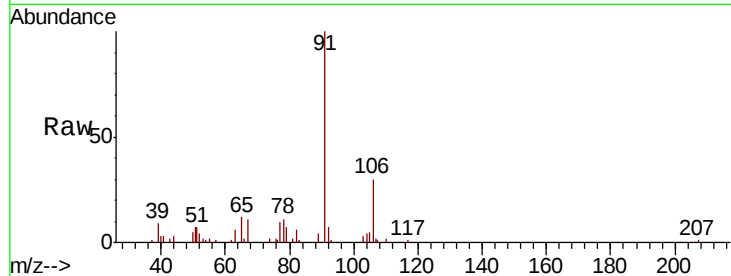




#67
Ethyl Benzene
Concen: 1.152 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005852.D
Acq: 04 Oct 2018 12:15

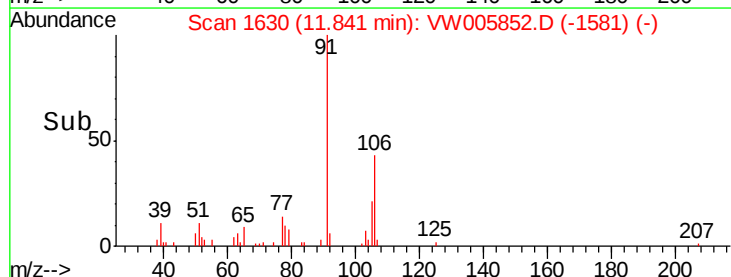
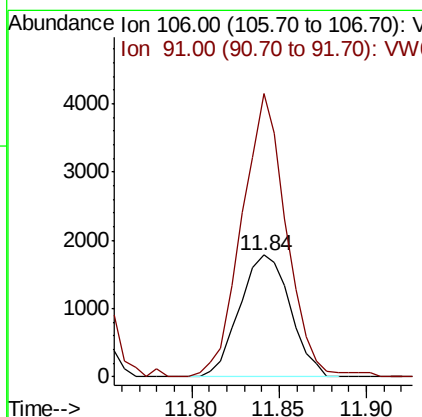
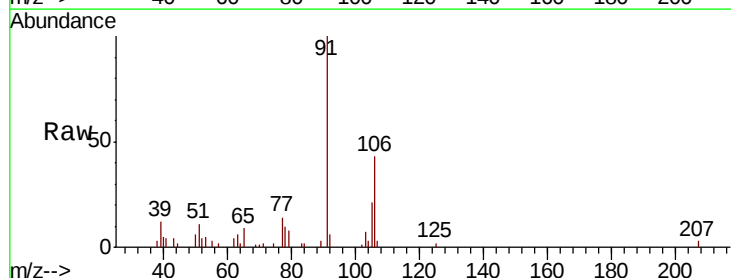
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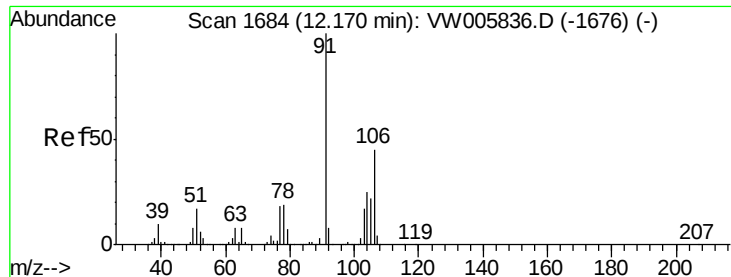
Tot Ion: 91 Resp: 7169
Ion Ratio Lower Upper
91 100
106 29.7 24.3 36.5



#68
m/p-Xylenes
Concen: 1.498 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW005852.D
Acq: 04 Oct 2018 12:15

Tgt Ion: 106 Resp: 3593
Ion Ratio Lower Upper
106 100
91 204.6 165.4 248.0

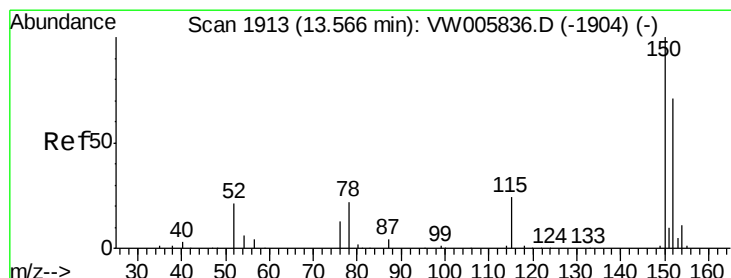
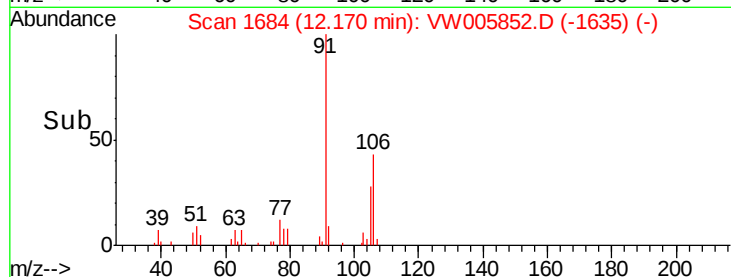
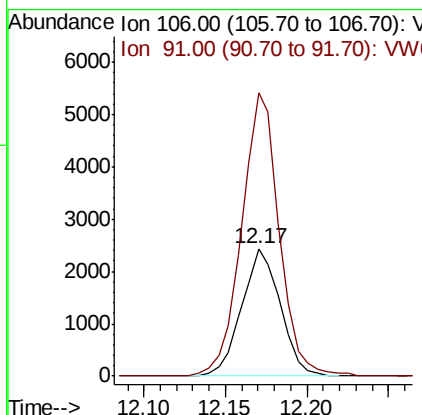
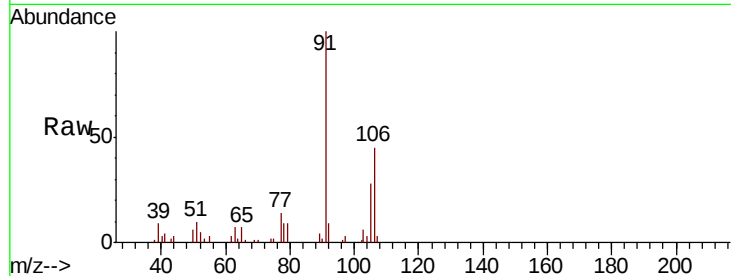




#69
o-Xylene
Concen: 1.795 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005852.D
Acq: 04 Oct 2018 12:15

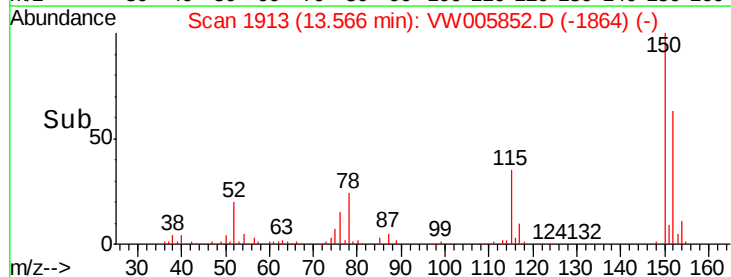
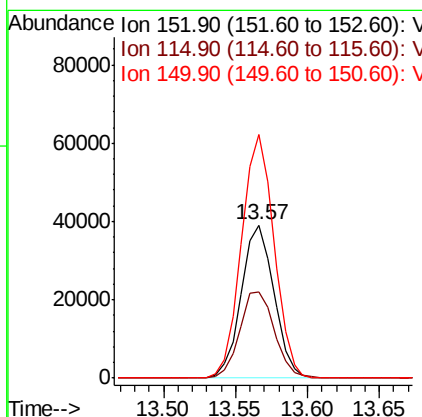
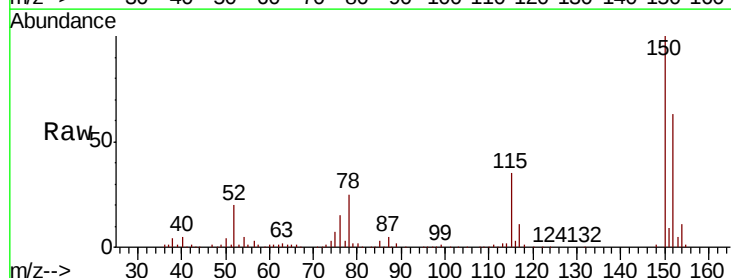
Instrument :
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CL-01-100218-CRE

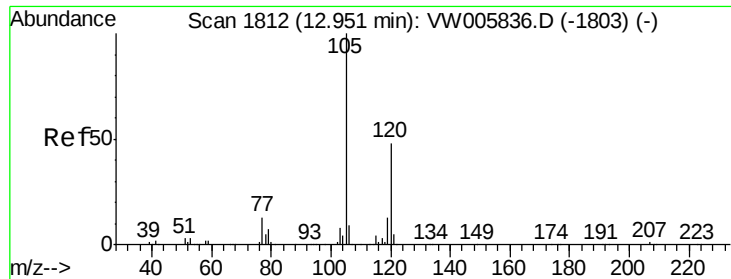
Tot Ion:106 Resp: 4002
Ion Ratio Lower Upper
106 100
91 217.4 109.7 329.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005852.D
Acq: 04 Oct 2018 12:15

Tgt Ion:152 Resp: 61642
Ion Ratio Lower Upper
152 100
115 59.6 29.8 89.4
150 157.9 0.0 349.4

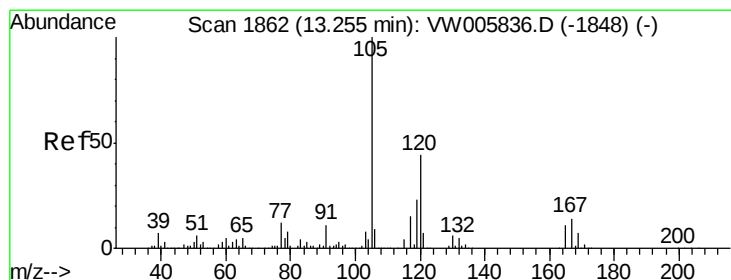
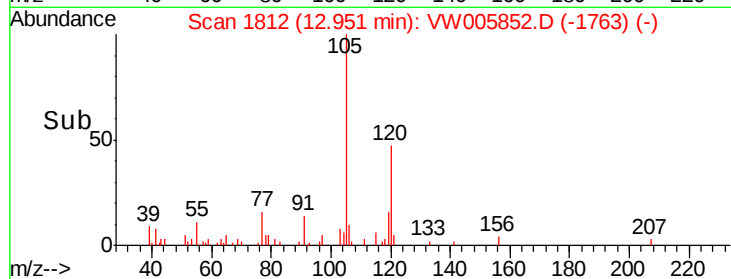
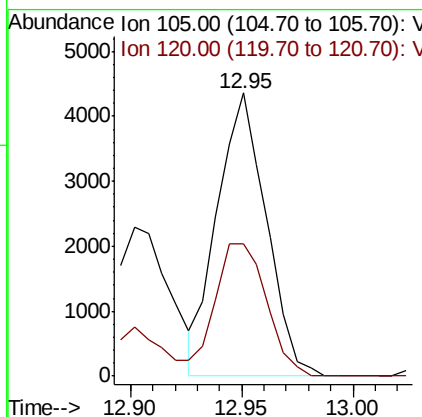
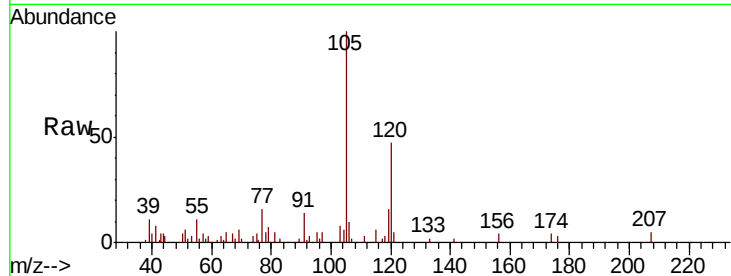




#80
 1,3,5-Trimethylbenzene
 Concen: 1.811 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VW005852.D
 Acq: 04 Oct 2018 12:15

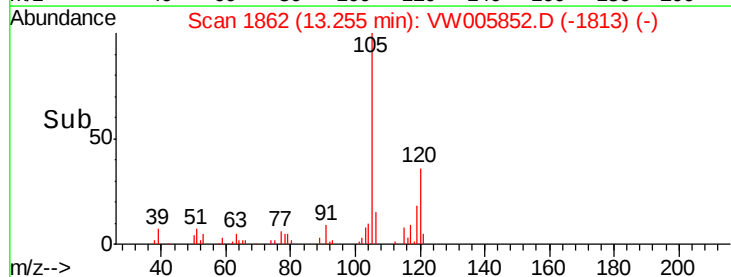
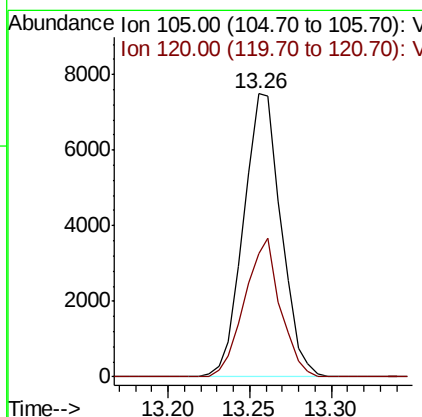
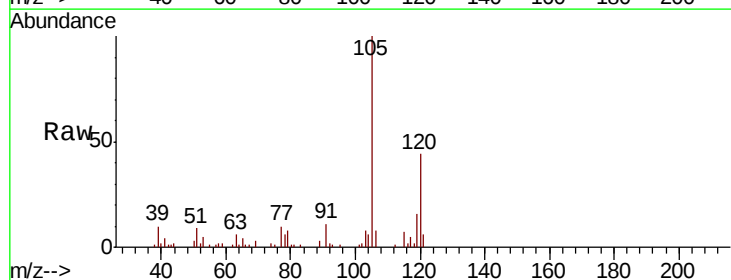
Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-100218-CRE

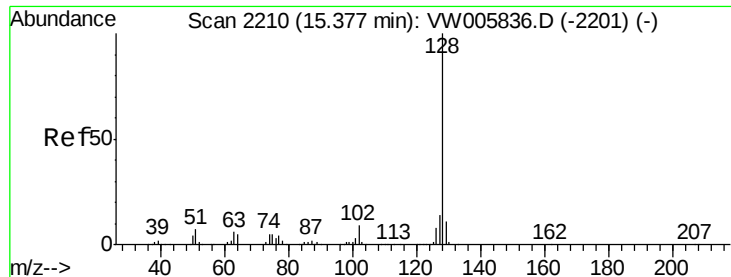
Tot Ion:105 Resp: 6670
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.8 71.2



#84
 1,2,4-Trimethylbenzene
 Concen: 3.183 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW005852.D
 Acq: 04 Oct 2018 12:15

Tgt Ion:105 Resp: 12039
 Ion Ratio Lower Upper
 105 100
 120 46.3 21.9 65.7

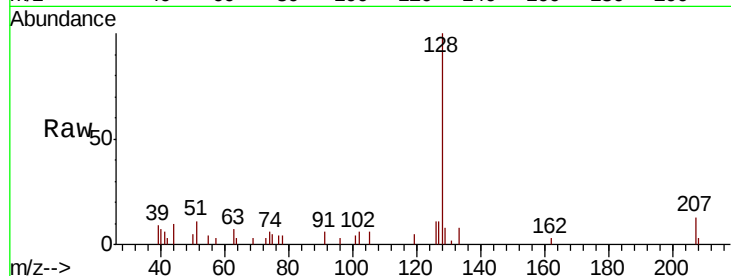




#95
 Naphthalene
 Concen: 3.751 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: VW005852.D
 Acq: 04 Oct 2018 12:15

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-100218-CRE

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.9	16.3
129	12.7	8.9	13.3



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

