

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008378.D
 Acq On : 21 Jan 2019 16:33
 Operator : SY/VA
 Sample : K1009-05
 Misc : 6.77G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-01-011819-C

Quant Time: Jan 22 04:29:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	86823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	166764	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	151778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	56631	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	58145	64.38	ug/l	0.00
Spiked Amount			Recovery	=	128.76%	
35) Dibromofluoromethane	7.88	113	54202	50.92	ug/l	0.00
Spiked Amount			Recovery	=	101.84%	
50) Toluene-d8	10.32	98	220081	52.63	ug/l	0.00
Spiked Amount			Recovery	=	105.26%	
62) 4-Bromofluorobenzene	12.62	95	64612	43.08	ug/l	0.00
Spiked Amount			Recovery	=	86.16%	

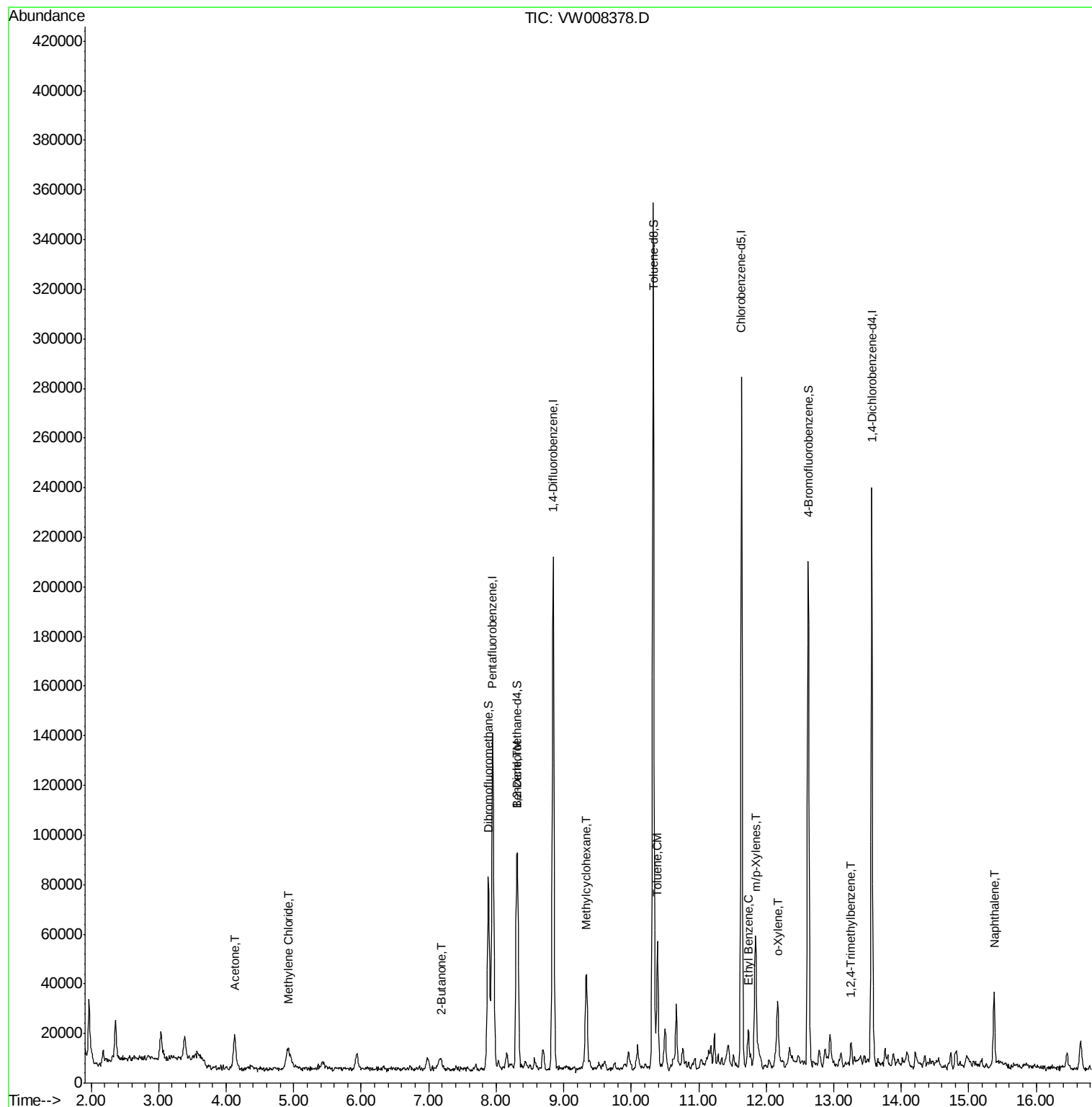
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	23490	111.992	ug/l	97
20) Methylene Chloride	4.91	84	5858	2.659	ug/l	91
25) 2-Butanone	7.19	43	5406	20.123	ug/l	99
39) Methylcyclohexane	9.34	83	14620	7.326	ug/l #	87
40) Benzene	8.32	78	23476	4.940	ug/l	96
52) Toluene	10.38	92	22387	7.443	ug/l	95
67) Ethyl Benzene	11.73	91	7877	1.370	ug/l	95
68) m/p-Xylenes	11.84	106	14912	6.683	ug/l	99
69) o-Xylene	12.17	106	6772	3.249	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	5101	1.454	ug/l	97
95) Naphthalene	15.38	128	26125	13.788	ug/l #	95

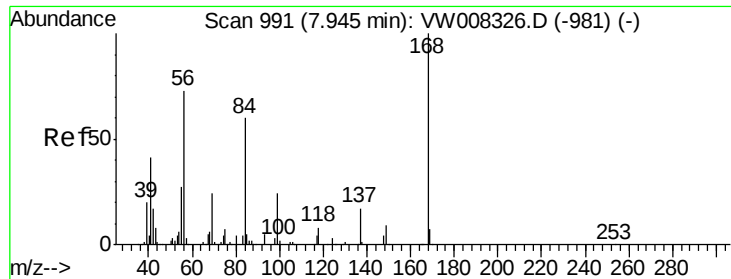
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW012119\
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CL-01-011819-C

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Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW008378.D

Acq: 21 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

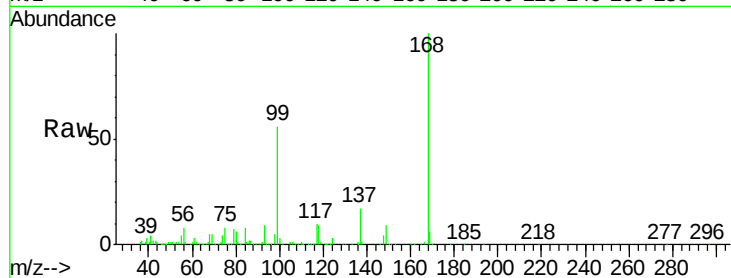
CL-01-011819-C

Tot Ion:168 Resp: 86823

Ion Ratio Lower Upper

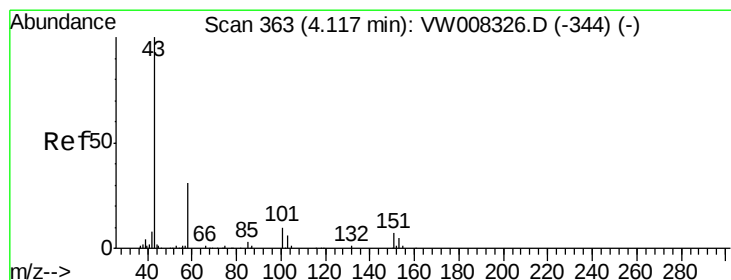
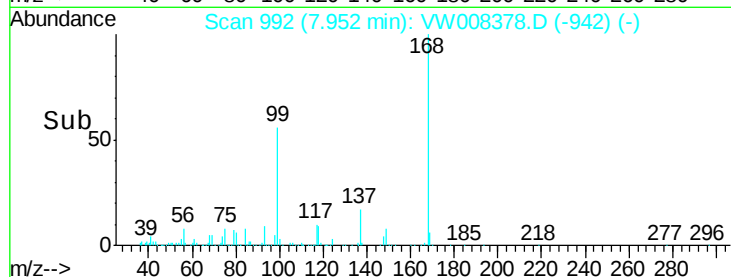
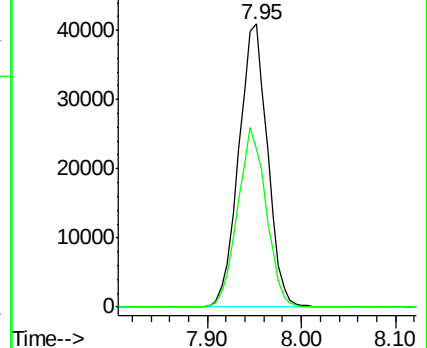
168 100

99 55.8 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 111.992 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW008378.D

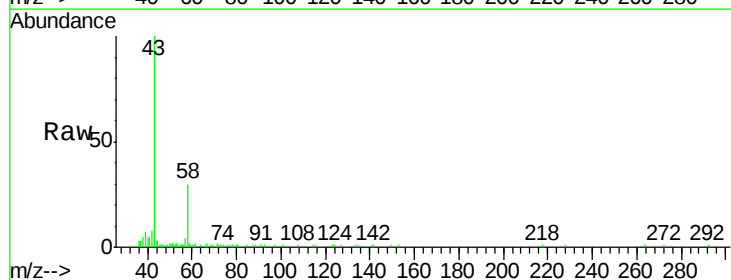
Acq: 21 Jan 2019 16:33

Tgt Ion: 43 Resp: 23490

Ion Ratio Lower Upper

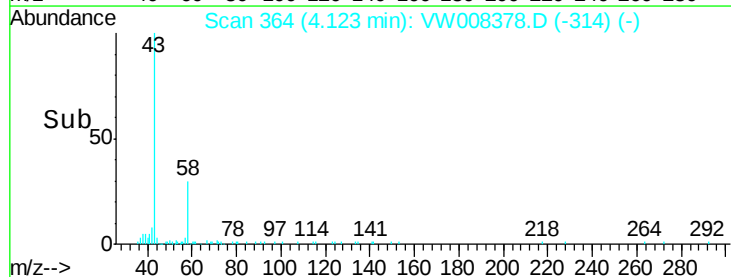
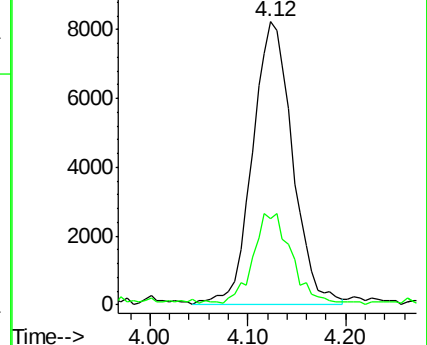
43 100

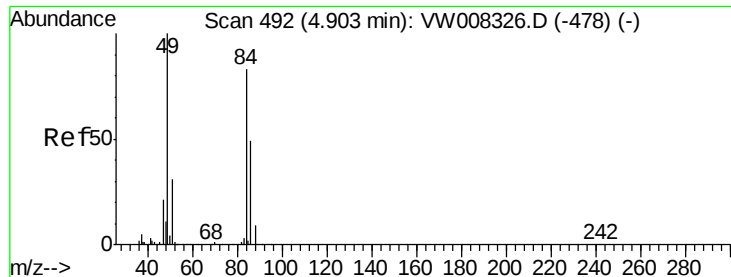
58 29.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 2.659 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW008378.D

Acq: 21 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

CL-01-011819-C

Tot Ion: 84 Resp: 5858

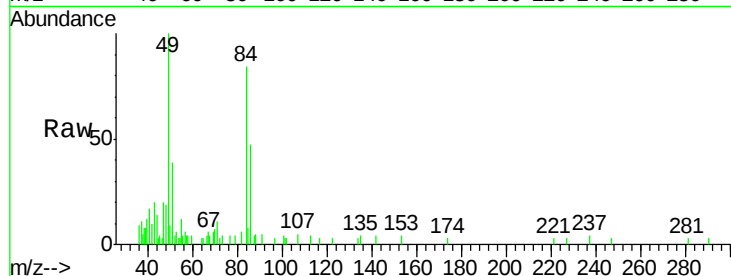
Ion Ratio Lower Upper

84 100

49 109.7 95.9 143.9

51 31.3 29.3 43.9

86 51.8 47.4 71.2

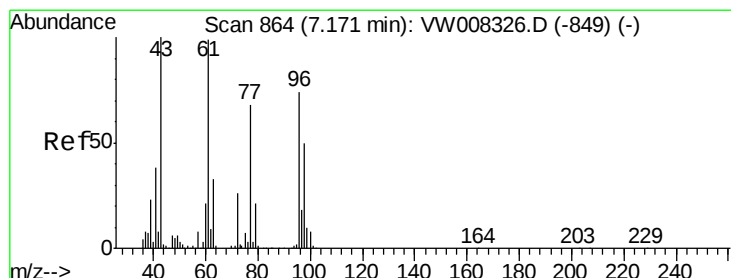
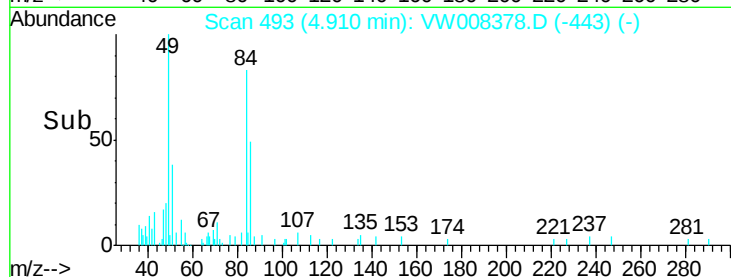
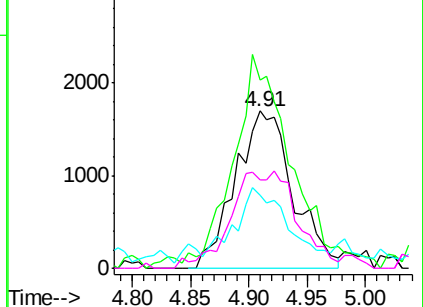


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#25

2-Butanone

Concen: 20.123 ug/l

RT: 7.19 min Scan# 867

Delta R.T. 0.02 min

Lab File: VW008378.D

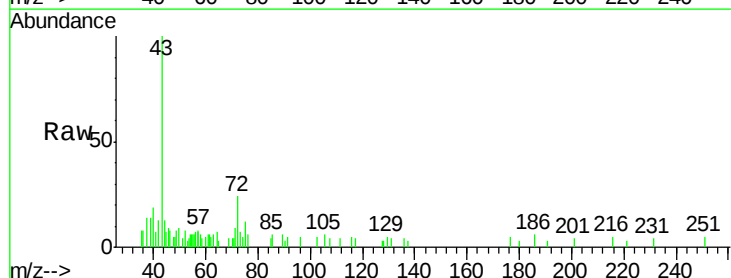
Acq: 21 Jan 2019 16:33

Tgt Ion: 43 Resp: 5406

Ion Ratio Lower Upper

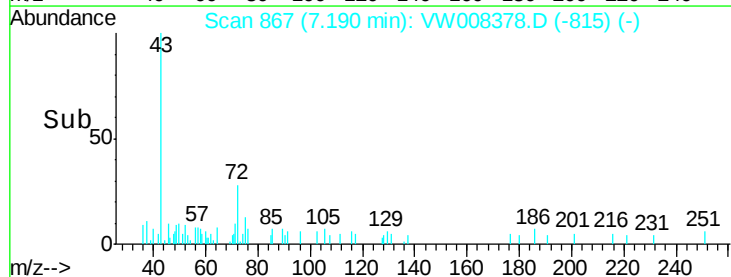
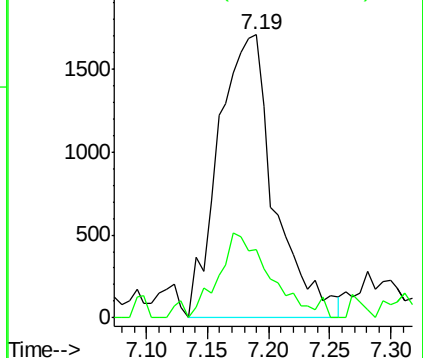
43 100

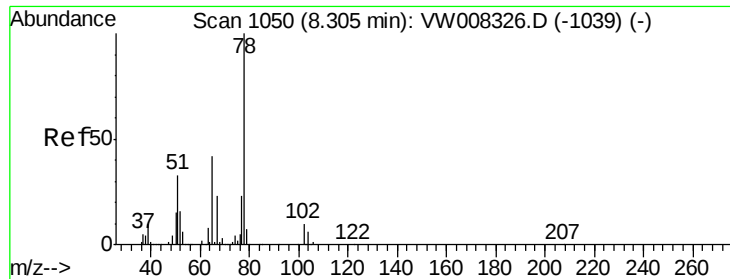
72 25.9 21.2 31.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#33

1,2-Dichloroethane-d4

Concen: 64.380 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW008378.D

Acq: 21 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

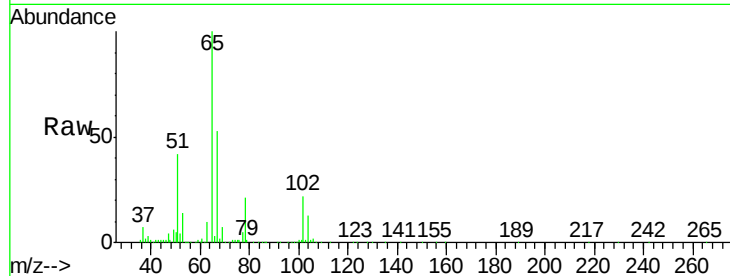
CL-01-011819-C

Tot Ion: 65 Resp: 58145

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

25000

20000

15000

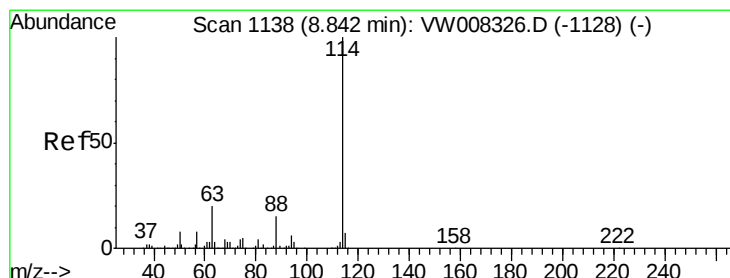
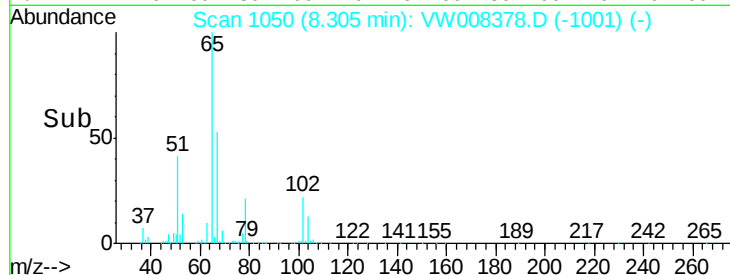
10000

5000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW008378.D

Acq: 21 Jan 2019 16:33

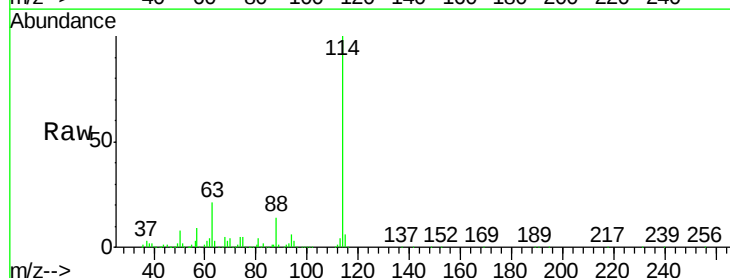
Tgt Ion: 114 Resp: 166764

Ion Ratio Lower Upper

114 100

63 21.3 0.0 40.8

88 14.4 0.0 30.4



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

120000

100000

80000

60000

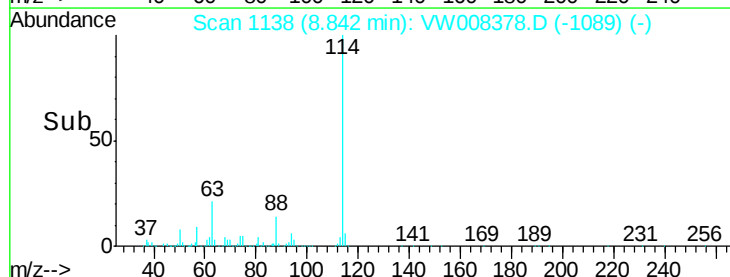
40000

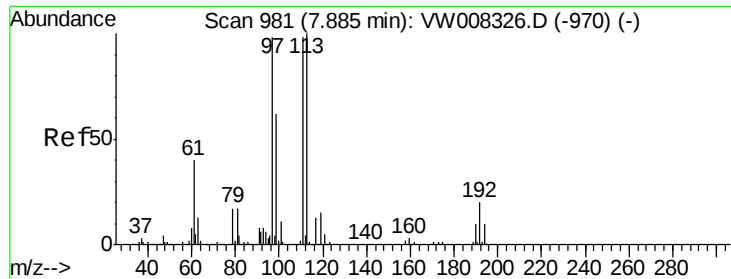
20000

0

8.80 8.90

Time-->

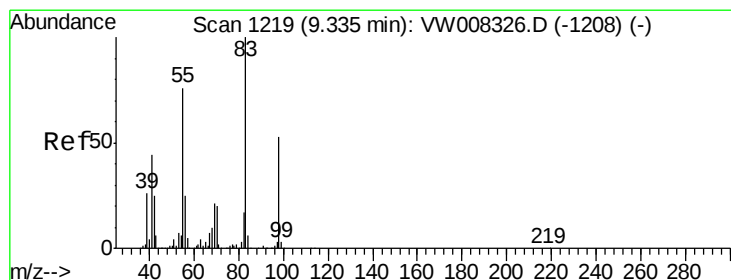
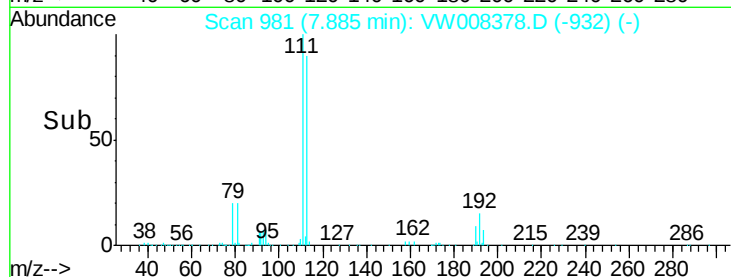
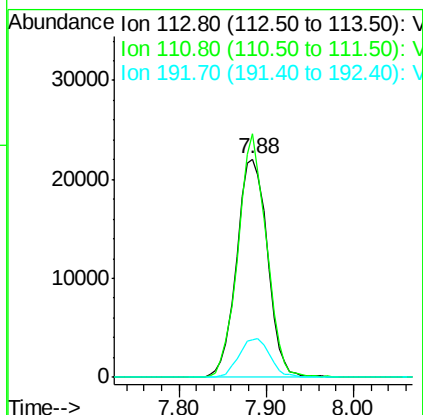
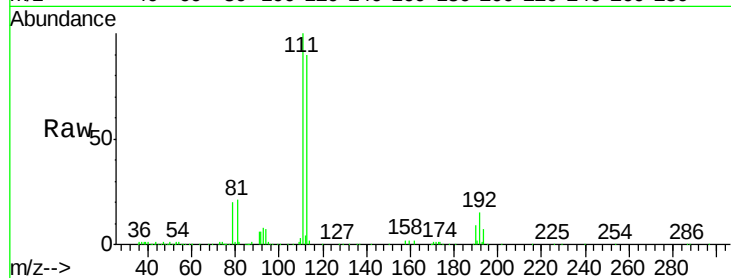




#35
Dibromofluoromethane
Concen: 50.917 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008378.D
Acq: 21 Jan 2019 16:33

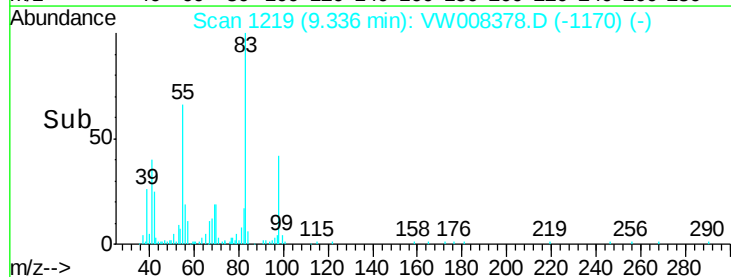
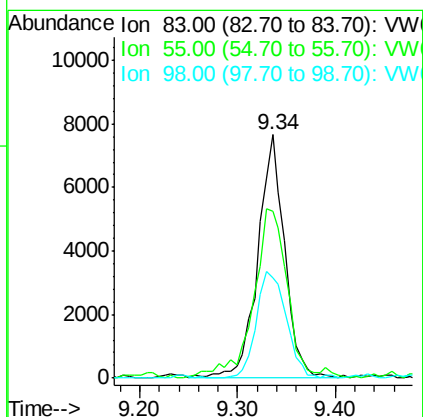
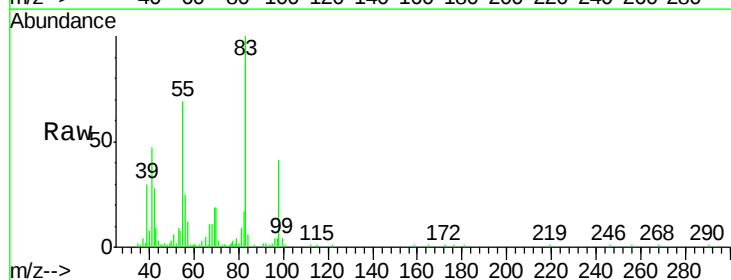
Instrument :
MSVOA_W
ClientSampleId :
CL-01-011819-C

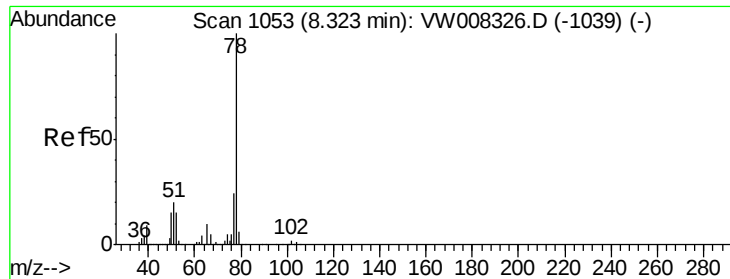
Tot Ion:113 Resp: 54202
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 17.6 16.3 24.5



#39
Methylcyclohexane
Concen: 7.326 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008378.D
Acq: 21 Jan 2019 16:33

Tgt Ion: 83 Resp: 14620
Ion Ratio Lower Upper
83 100
55 67.3 61.1 91.7
98 41.1 42.5 63.7#





#40

Benzene

Concen: 4.940 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VW008378.D

Acq: 21 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

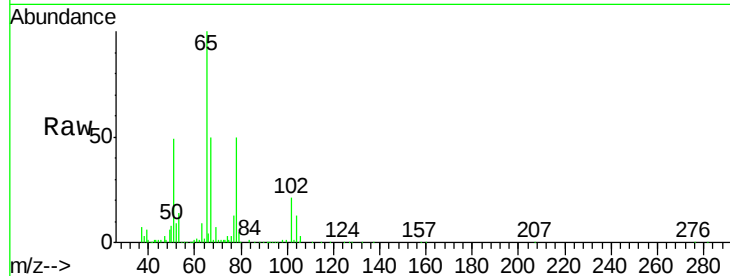
CL-01-011819-C

Tot Ion: 78 Resp: 23476

Ion Ratio Lower Upper

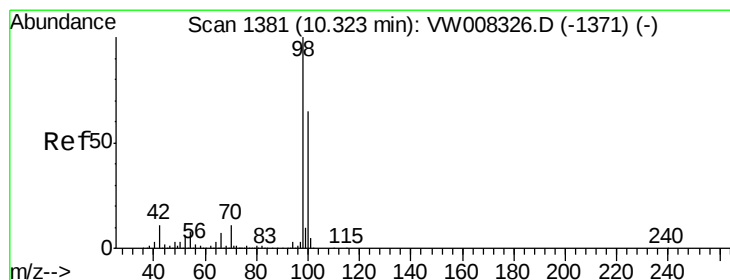
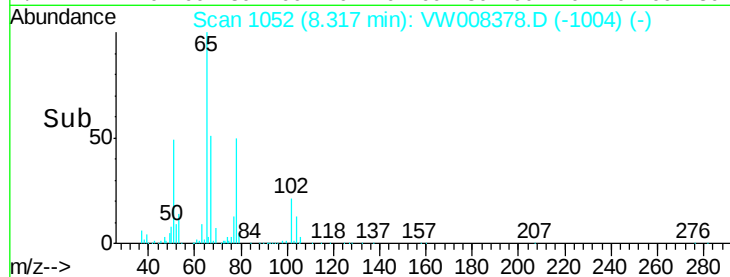
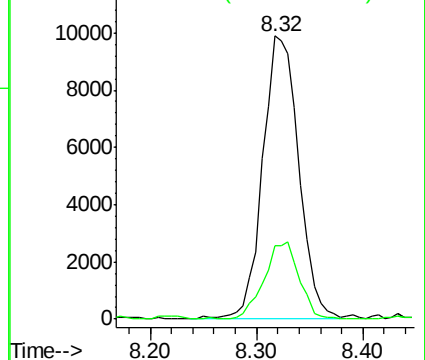
78 100

77 26.0 19.4 29.0



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW



#50

Toluene-d8

Concen: 52.626 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008378.D

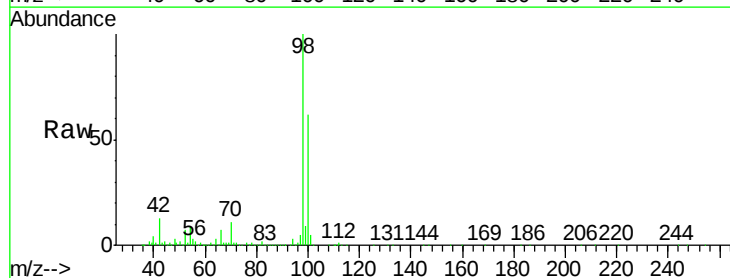
Acq: 21 Jan 2019 16:33

Tgt Ion: 98 Resp: 220081

Ion Ratio Lower Upper

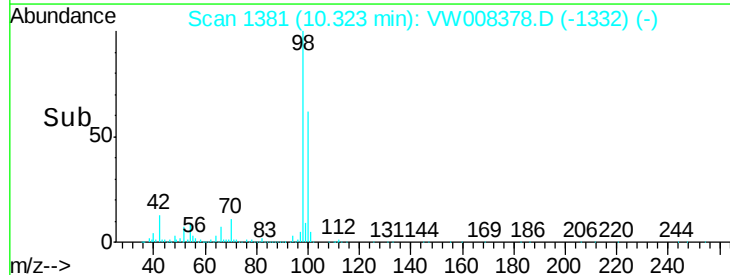
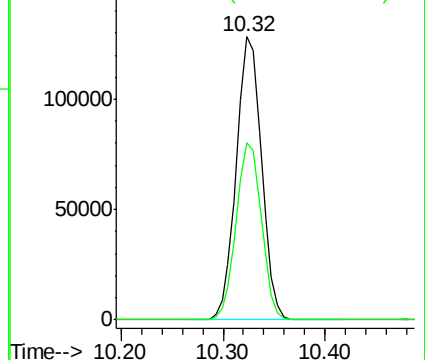
98 100

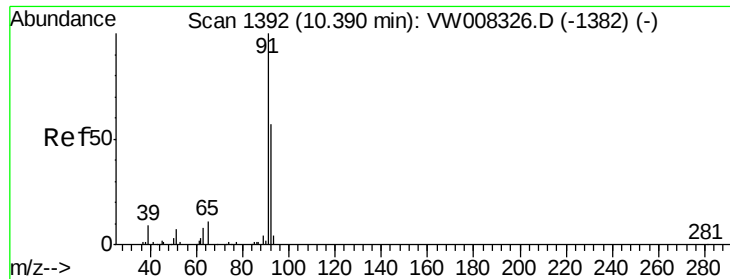
100 62.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 7.443 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008378.D

Acq: 21 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

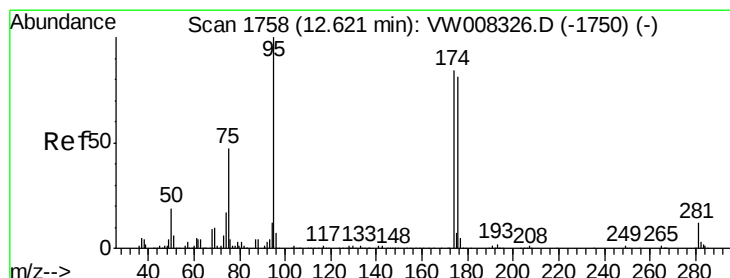
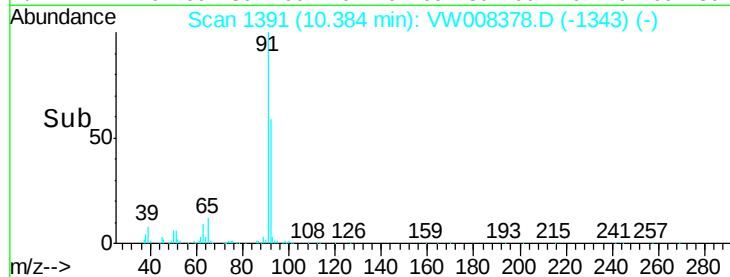
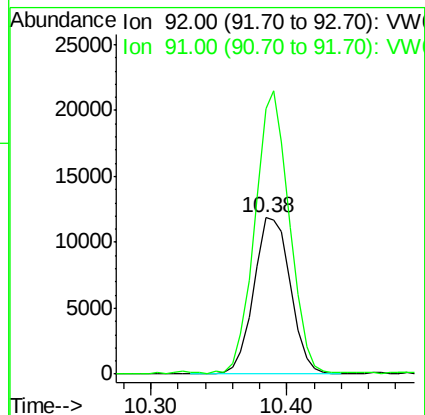
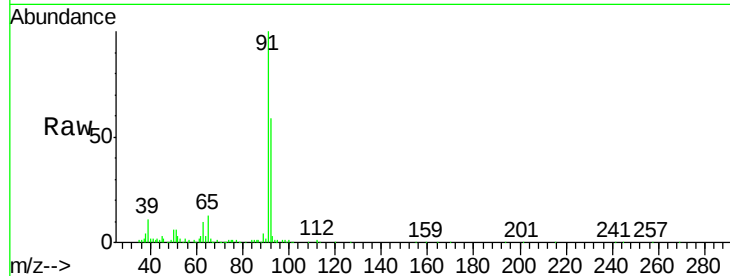
CL-01-011819-C

Tot Ion: 92 Resp: 22387

Ion Ratio Lower Upper

92 100

91 168.8 140.2 210.2



#62

4-Bromofluorobenzene

Concen: 43.078 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008378.D

Acq: 21 Jan 2019 16:33

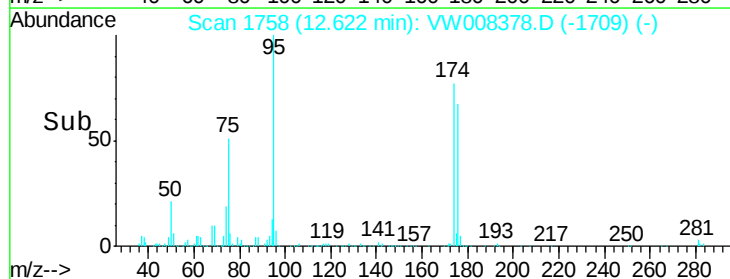
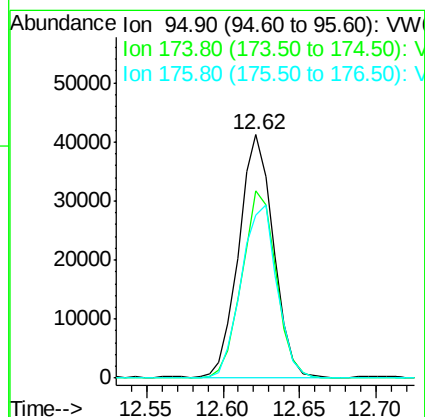
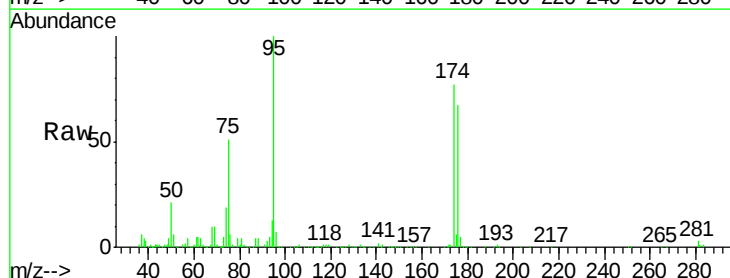
Tgt Ion: 95 Resp: 64612

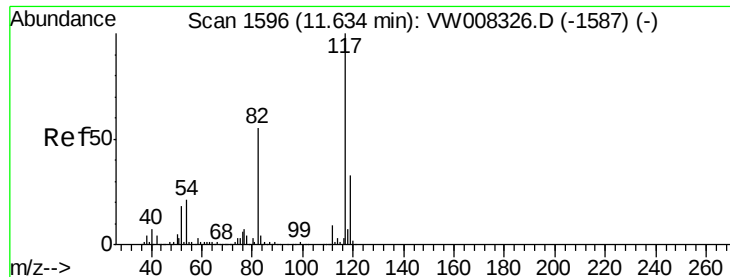
Ion Ratio Lower Upper

95 100

174 76.4 0.0 166.0

176 73.6 0.0 160.0

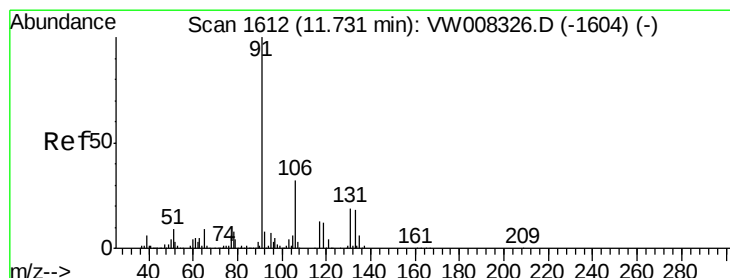
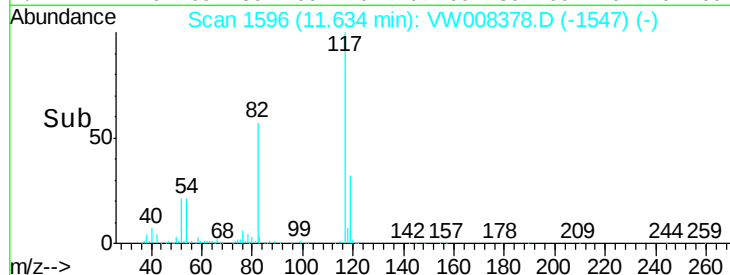
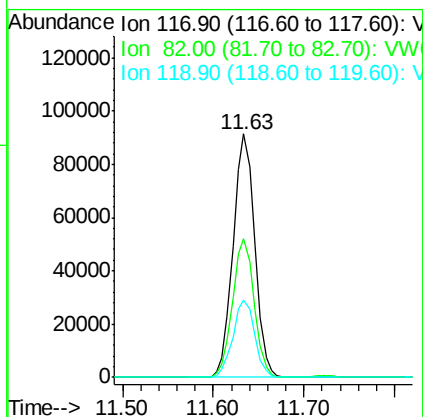
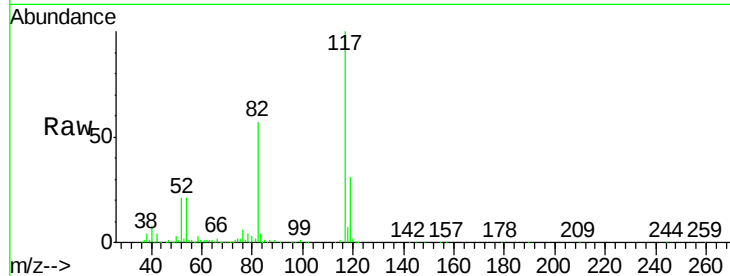




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008378.D
Acq: 21 Jan 2019 16:33

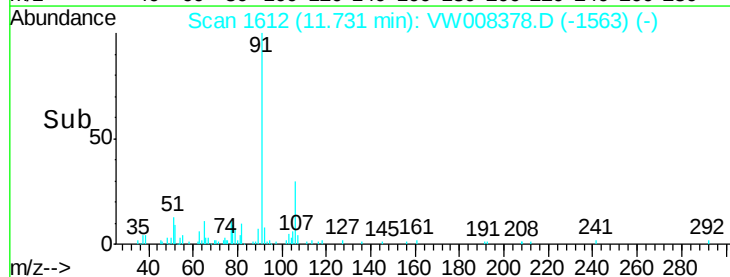
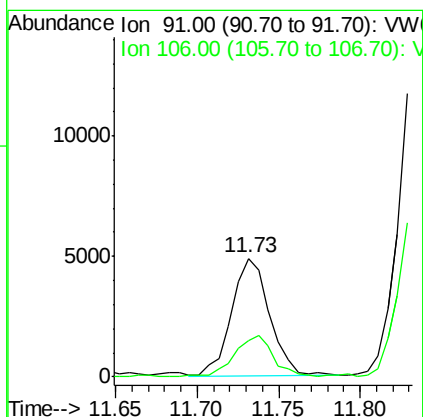
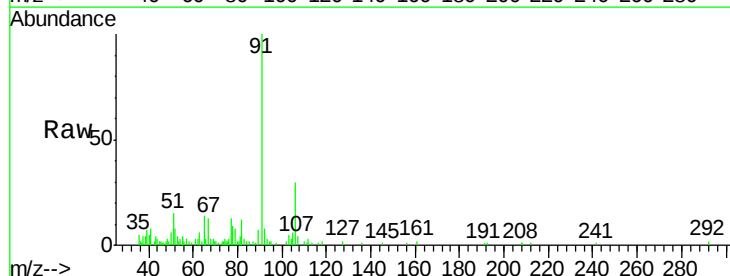
Instrument :
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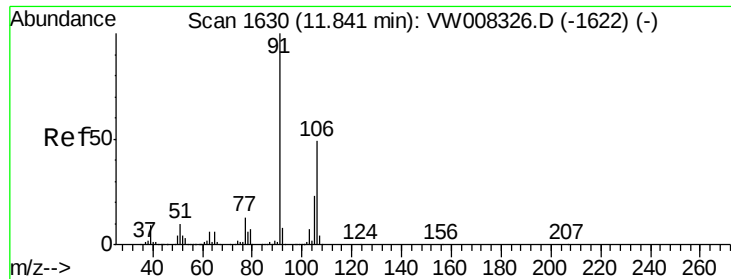
Tot Ion:117 Resp: 151778
Ion Ratio Lower Upper
117 100
82 56.7 44.3 66.5
119 31.5 26.3 39.5



#67
Ethyl Benzene
Concen: 1.370 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008378.D
Acq: 21 Jan 2019 16:33

Tgt Ion: 91 Resp: 7877
Ion Ratio Lower Upper
91 100
106 29.3 25.4 38.2

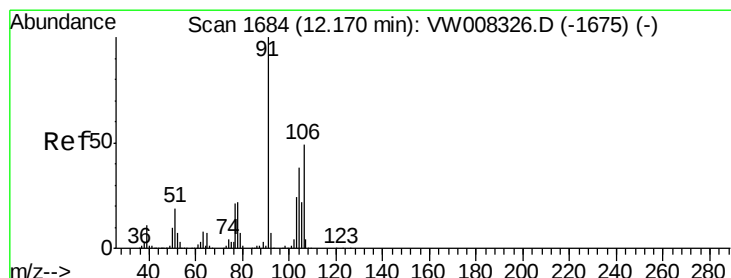
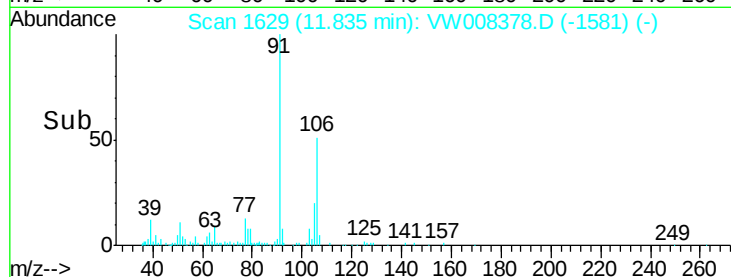
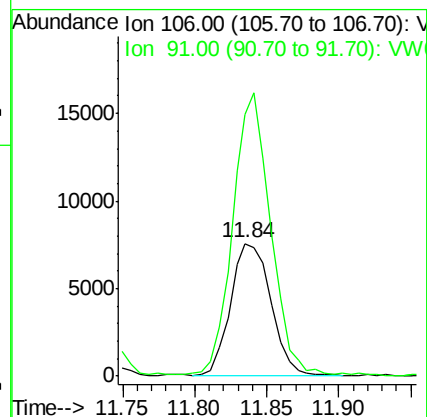
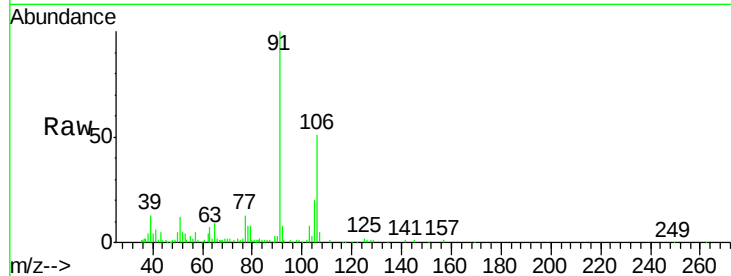




#68
m/p-Xylenes
Concen: 6.683 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW008378.D
Acq: 21 Jan 2019 16:33

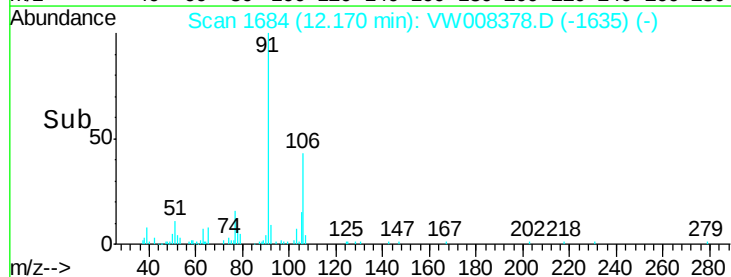
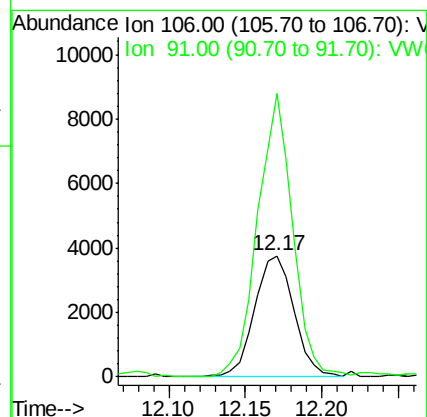
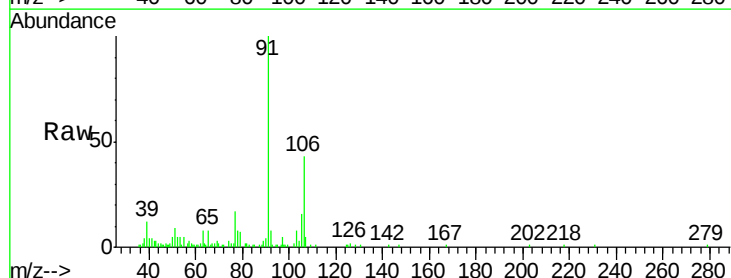
Instrument :
MSVOA_W
ClientSampleId :
CL-01-011819-C

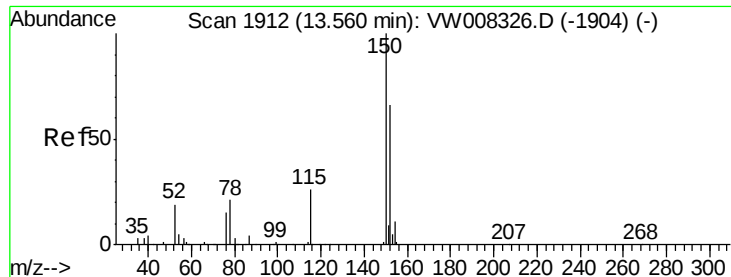
Tot Ion:106 Resp: 14912
Ion Ratio Lower Upper
106 100
91 196.1 158.4 237.6



#69
o-Xylene
Concen: 3.249 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008378.D
Acq: 21 Jan 2019 16:33

Tgt Ion:106 Resp: 6772
Ion Ratio Lower Upper
106 100
91 207.4 104.1 312.3



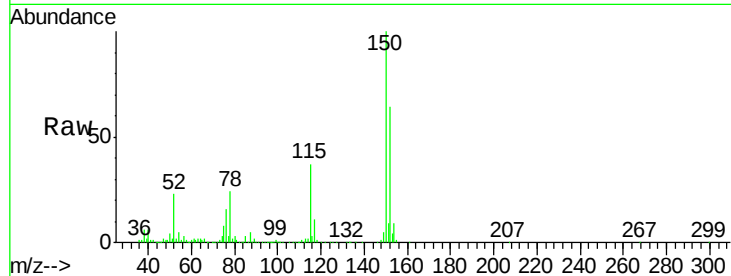


#72

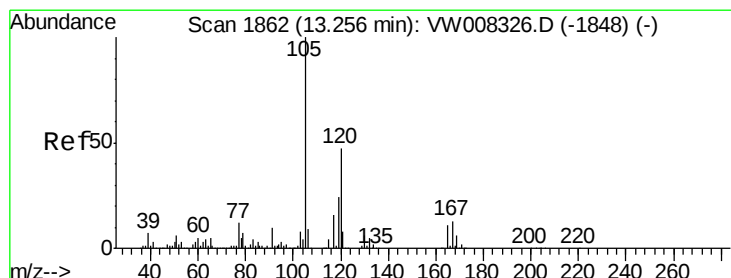
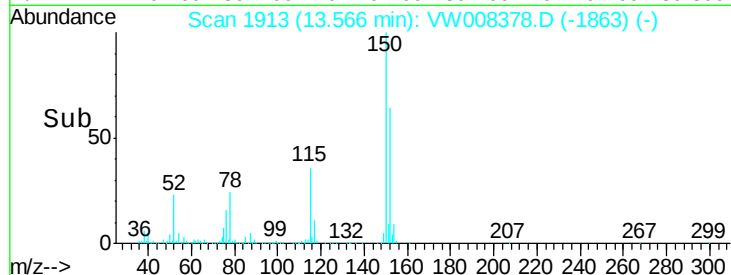
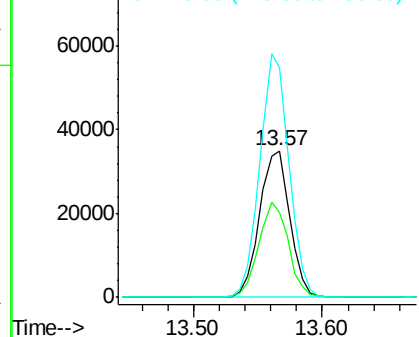
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW008378.D
Acq: 21 Jan 2019 16:33

Instrument :
MSVOA_W
ClientSampleId :
CL-01-011819-C

Tot Ion:152 Resp: 56631
Ion Ratio Lower Upper
152 100
115 63.1 28.8 86.4
150 159.7 0.0 351.4



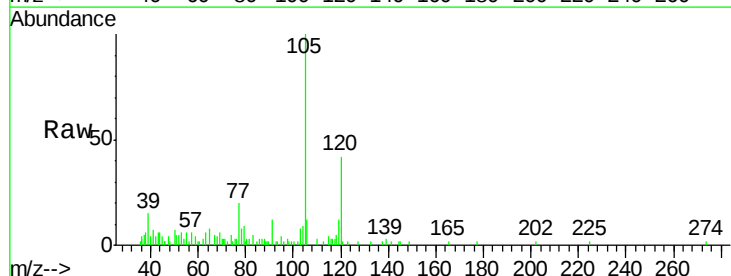
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



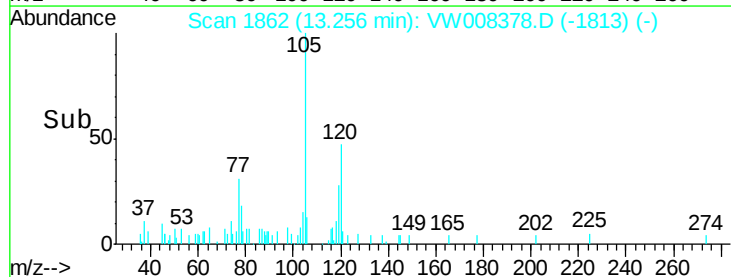
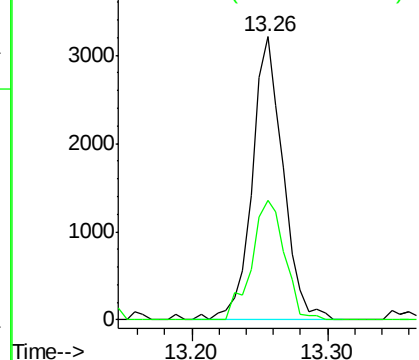
#84

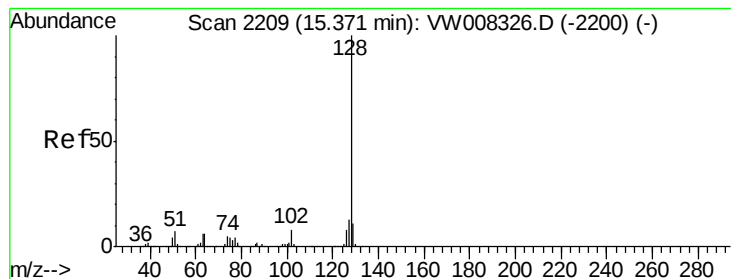
1,2,4-Trimethylbenzene
Concen: 1.454 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008378.D
Acq: 21 Jan 2019 16:33

Tgt Ion:105 Resp: 5101
Ion Ratio Lower Upper
105 100
120 45.3 23.5 70.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 13.788 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW008378.D

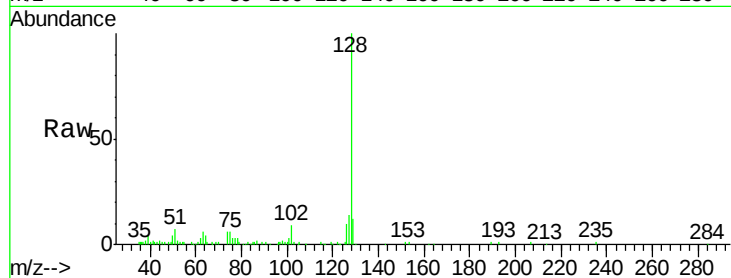
Acq: 21 Jan 2019 16:33

Instrument :

MSVOA_W

ClientSampleId :

CL-01-011819-C



Tot Ion:	128	Resp:	26125
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.5	15.7
129	13.4	8.8	13.2

