

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081319\
 Data File : VD063534.D
 Acq On : 13 Aug 2019 18:25
 Operator : JC/SY
 Sample : K4088-01
 Misc : 5.97g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-081219

Quant Time: Aug 14 09:12:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

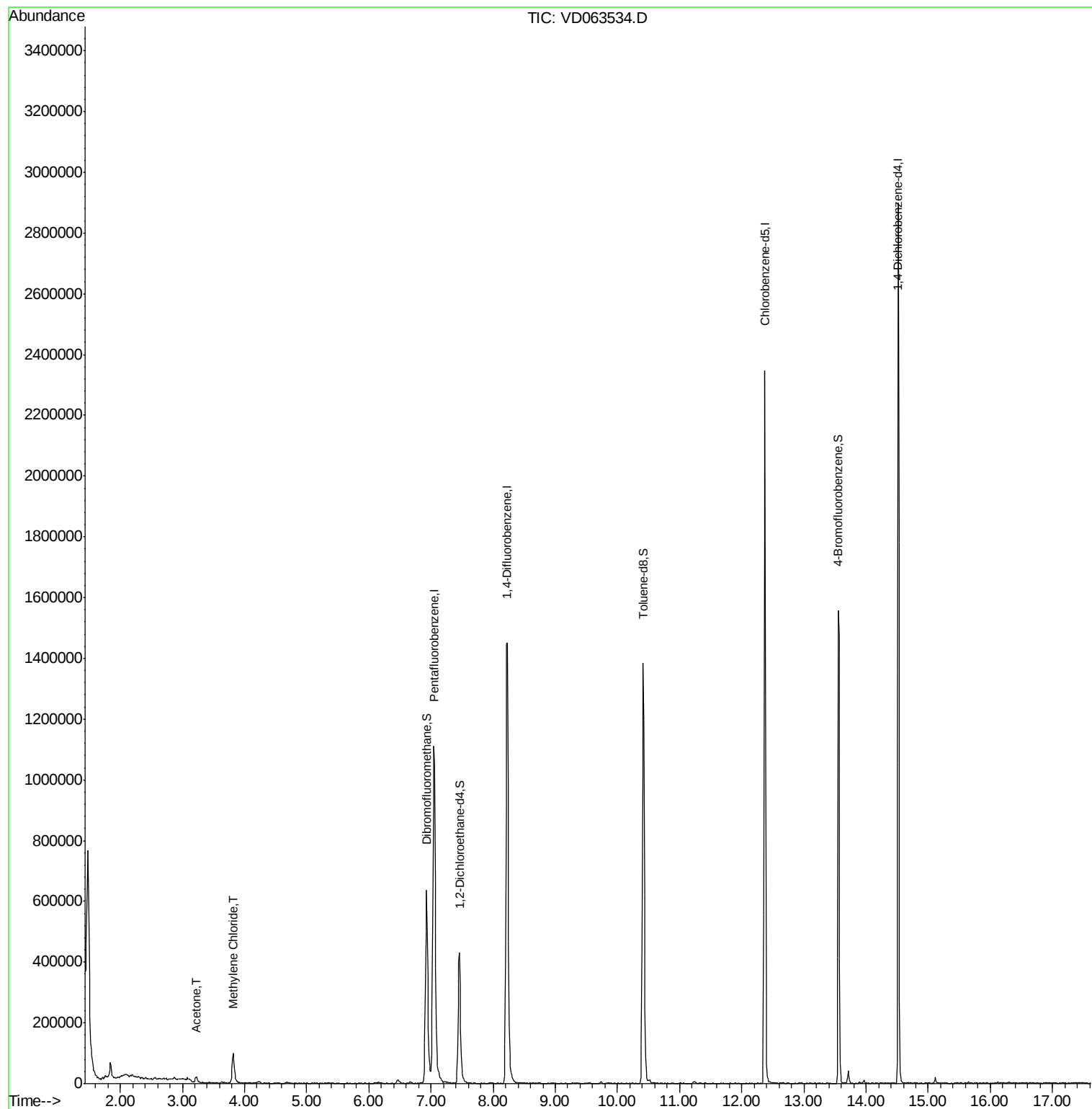
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1108885	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	1627266	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1279530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	613288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	484325	40.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.72%	
35) Dibromofluoromethane	6.93	113	539740	39.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.76%	
50) Toluene-d8	10.41	98	1147128	38.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.14%	
62) 4-Bromofluorobenzene	13.55	95	475321	34.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.62%	
Target Compounds						
16) Acetone	3.22	43	35888	14.894	ug/l	97
20) Methylene Chloride	3.82	84	58939	5.657	ug/l	95

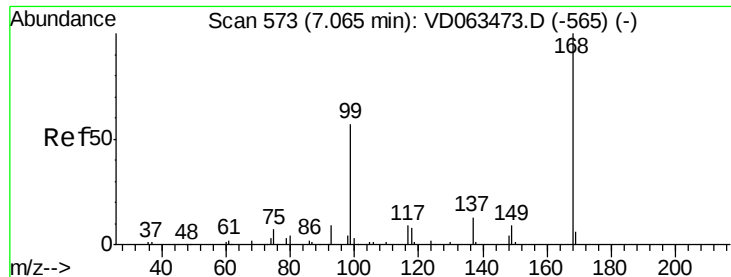
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 10 06:42:47 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063534.D

Acq: 13 Aug 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

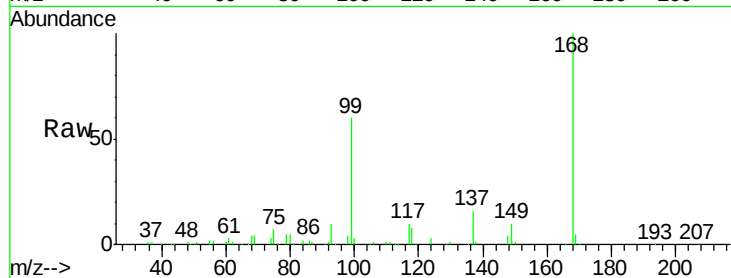
CL-01-081219

Tot Ion:168 Resp: 1108885

Ion Ratio Lower Upper

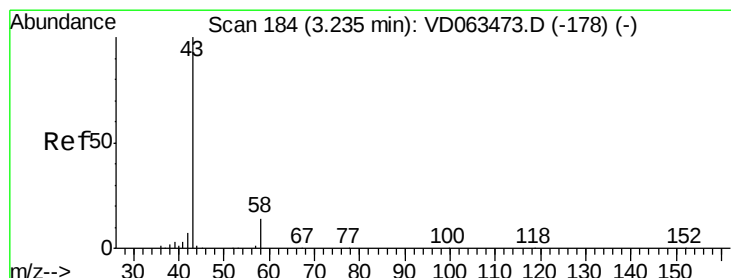
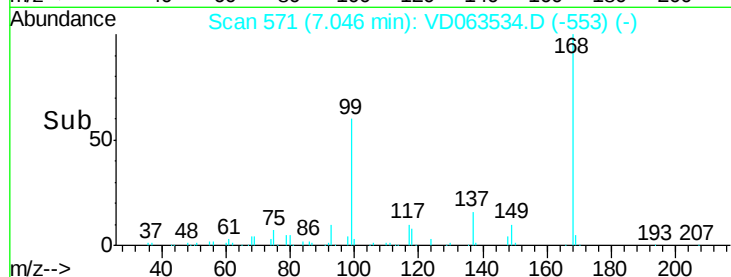
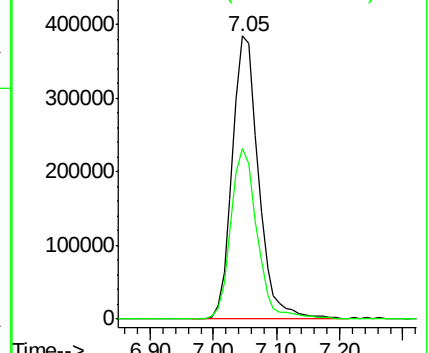
168 100

99 60.2 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 14.894 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063534.D

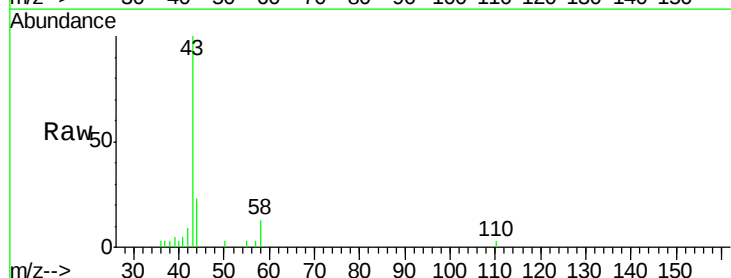
Acq: 13 Aug 2019 18:25

Tgt Ion: 43 Resp: 35888

Ion Ratio Lower Upper

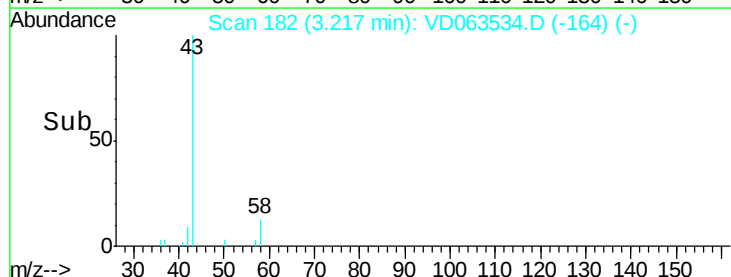
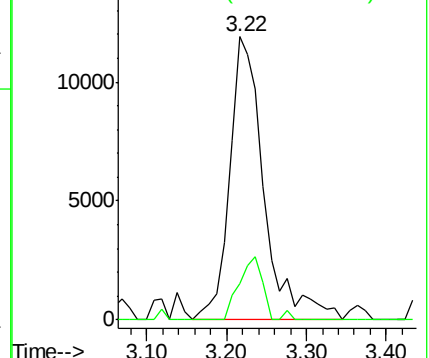
43 100

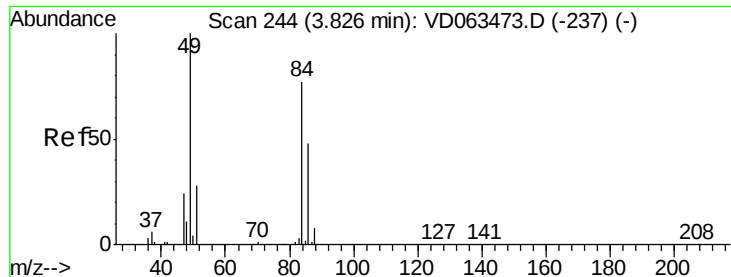
58 12.9 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

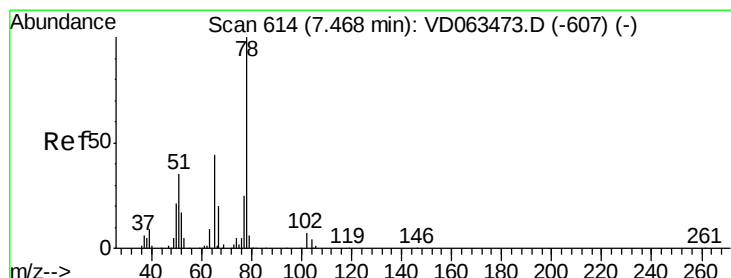
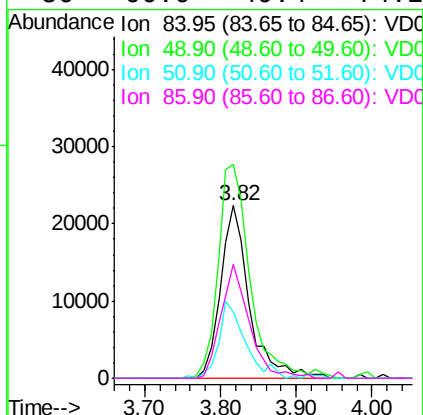
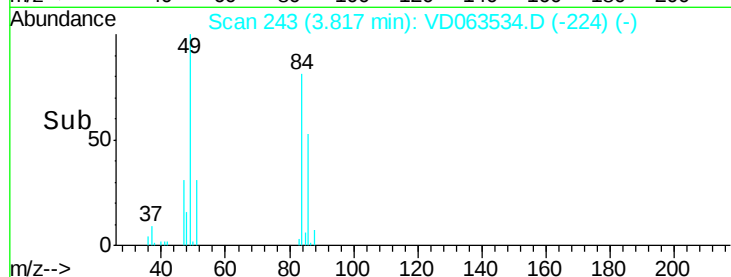
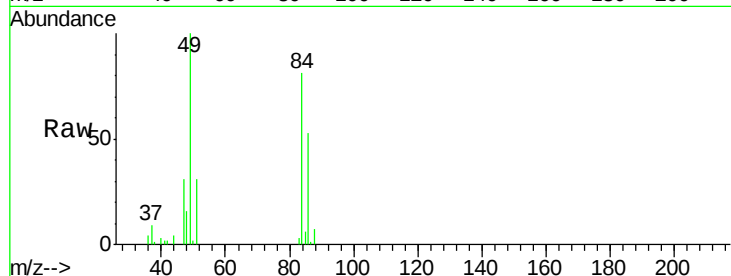




#20
Methylene Chloride
Concen: 5.657 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063534.D
Acq: 13 Aug 2019 18:25

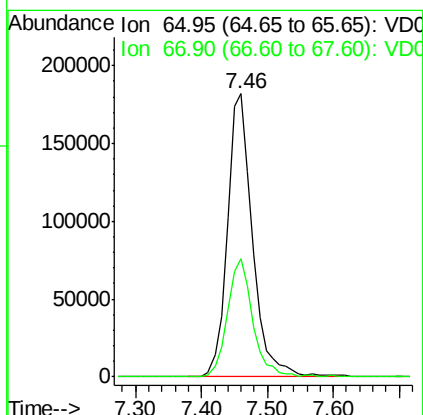
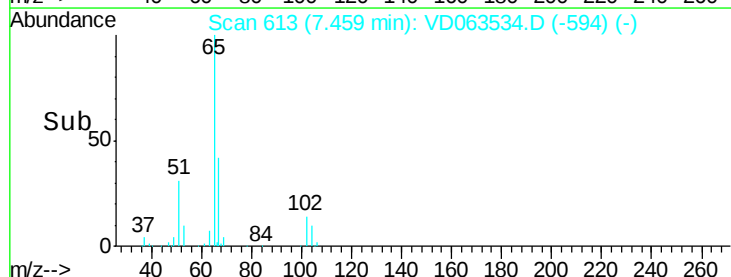
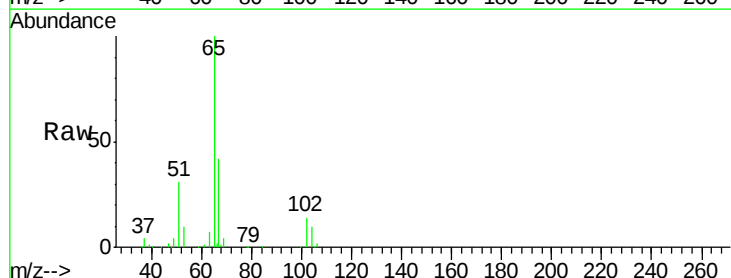
Instrument :
MSVOA_D
ClientSampleId :
CL-01-081219

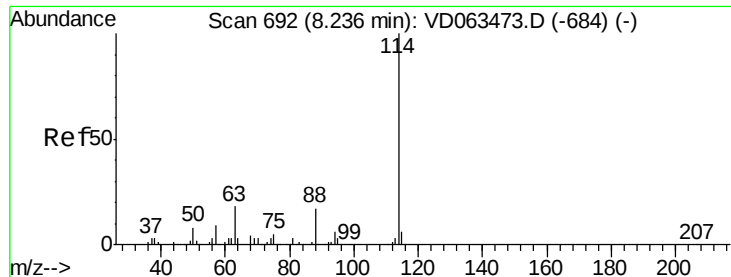
Tot Ion:	84	Resp:	58939
Ion	Ratio	Lower	Upper
84	100		
49	124.0	103.4	155.2
51	38.7	28.5	42.7
86	66.0	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 40.861 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063534.D
Acq: 13 Aug 2019 18:25

Tgt Ion:	65	Resp:	484325
Ion	Ratio	Lower	Upper
65	100		
67	41.6	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063534.D

Acq: 13 Aug 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

CL-01-081219

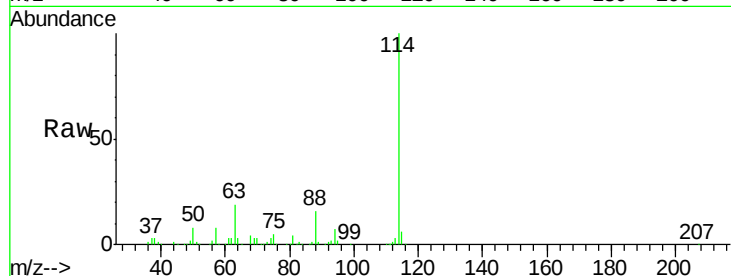
Tot Ion:114 Resp: 1627266

Ion Ratio Lower Upper

114 100

63 19.4 0.0 36.2

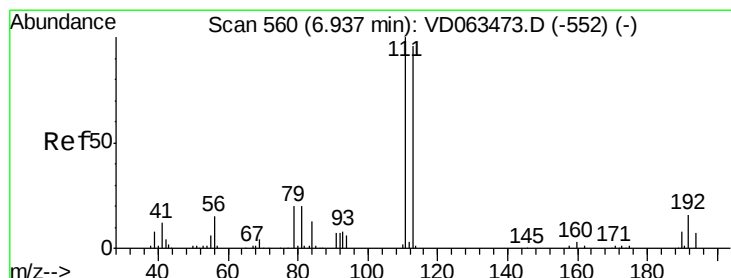
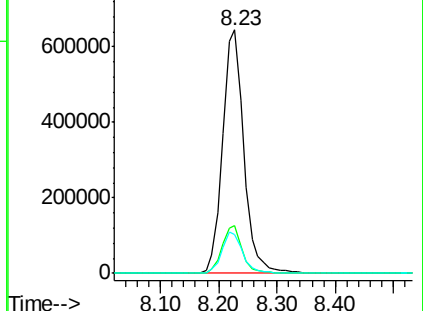
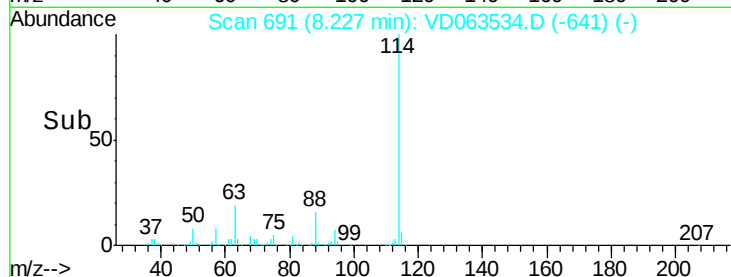
88 16.0 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 39.383 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063534.D

Acq: 13 Aug 2019 18:25

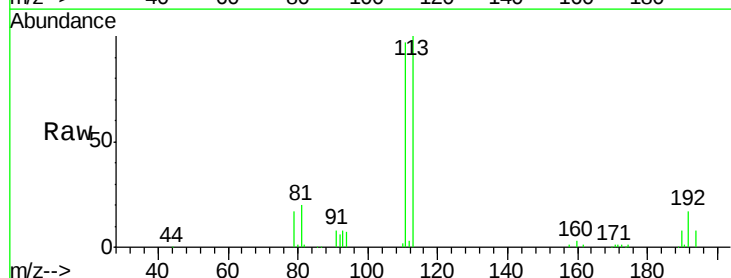
Tgt Ion:113 Resp: 539740

Ion Ratio Lower Upper

113 100

111 97.4 83.1 124.7

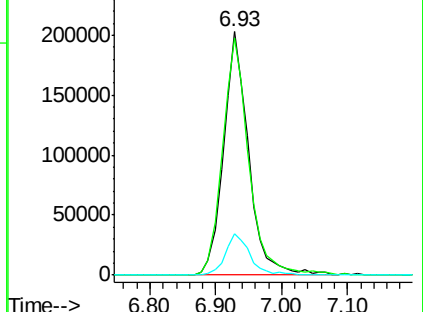
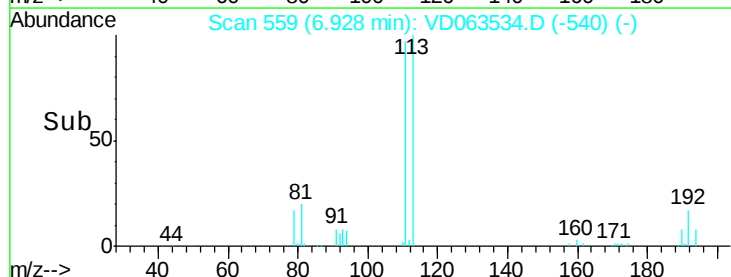
192 16.9 13.1 19.7

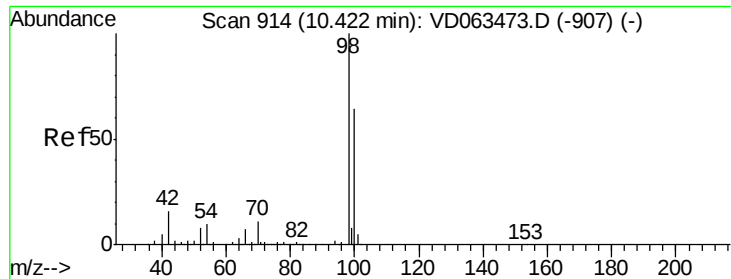


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

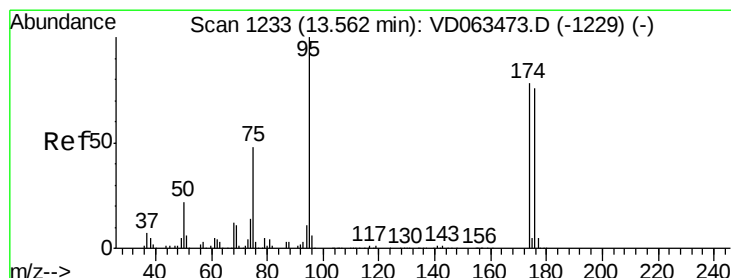
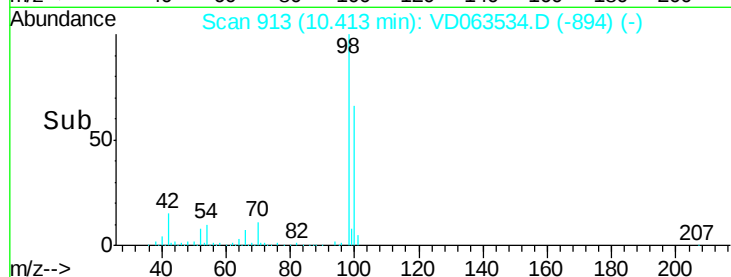
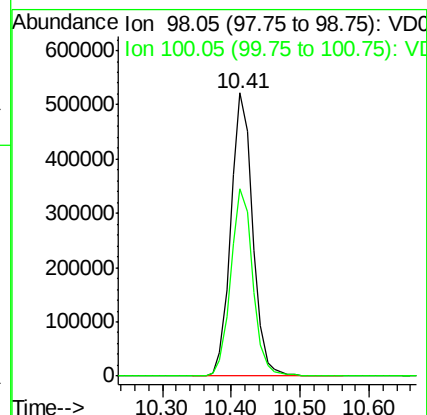
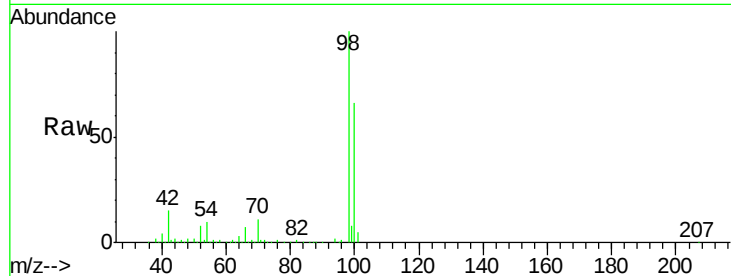




#50
Toluene-d8
Concen: 38.071 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063534.D
Acq: 13 Aug 2019 18:25

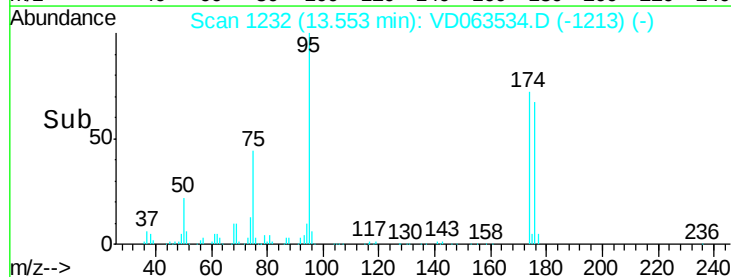
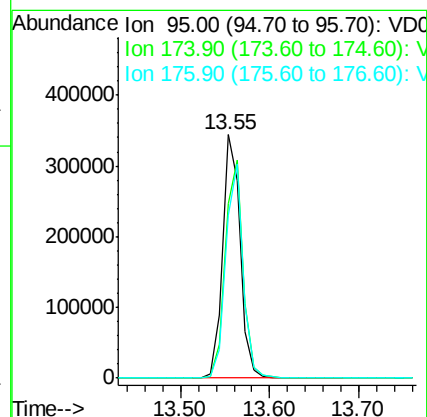
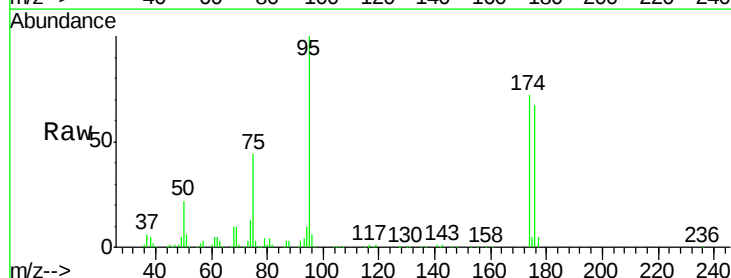
Instrument :
MSVOA_D
ClientSampleId :
CL-01-081219

Tot Ion: 98 Resp: 1147128
Ion Ratio Lower Upper
98 100
100 66.2 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 34.805 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063534.D
Acq: 13 Aug 2019 18:25

Tgt Ion: 95 Resp: 475321
Ion Ratio Lower Upper
95 100
174 71.7 0.0 155.4
176 66.9 0.0 152.4

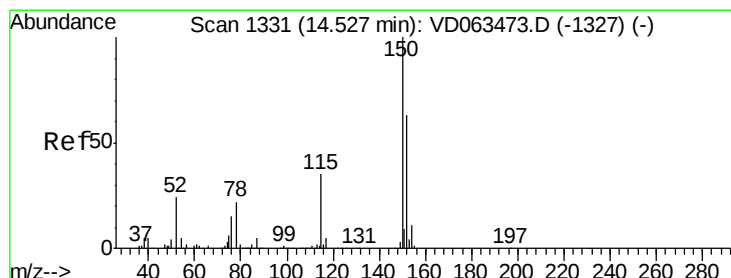
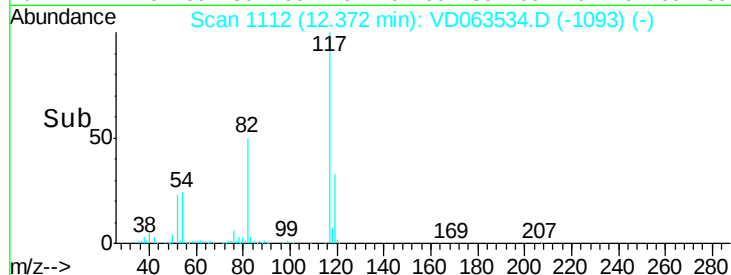
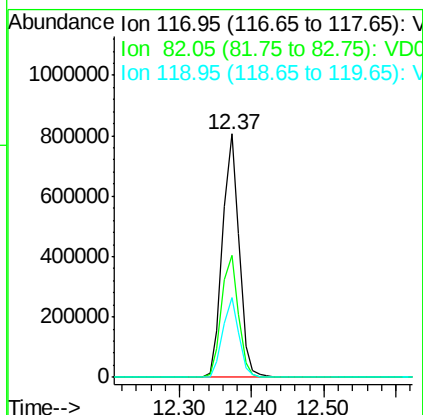
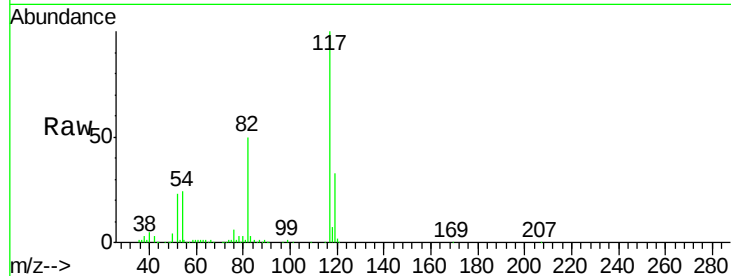




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063534.D
Acq: 13 Aug 2019 18:25

Instrument :
MSVOA_D
ClientSampled :
CL-01-081219

Tot Ion:117 Resp: 1279530
Ion Ratio Lower Upper
117 100
82 50.2 42.0 63.0
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063534.D
Acq: 13 Aug 2019 18:25

Tgt Ion:152 Resp: 613288
Ion Ratio Lower Upper
152 100
115 62.9 30.9 92.7
150 162.5 0.0 318.6

