

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063510.D
 Acq On : 13 Aug 2019 3:19
 Operator : JC/SY
 Sample : K4223-18RE
 Misc : 6.35g/5ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-9RE

Quant Time: Aug 13 09:22:44 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

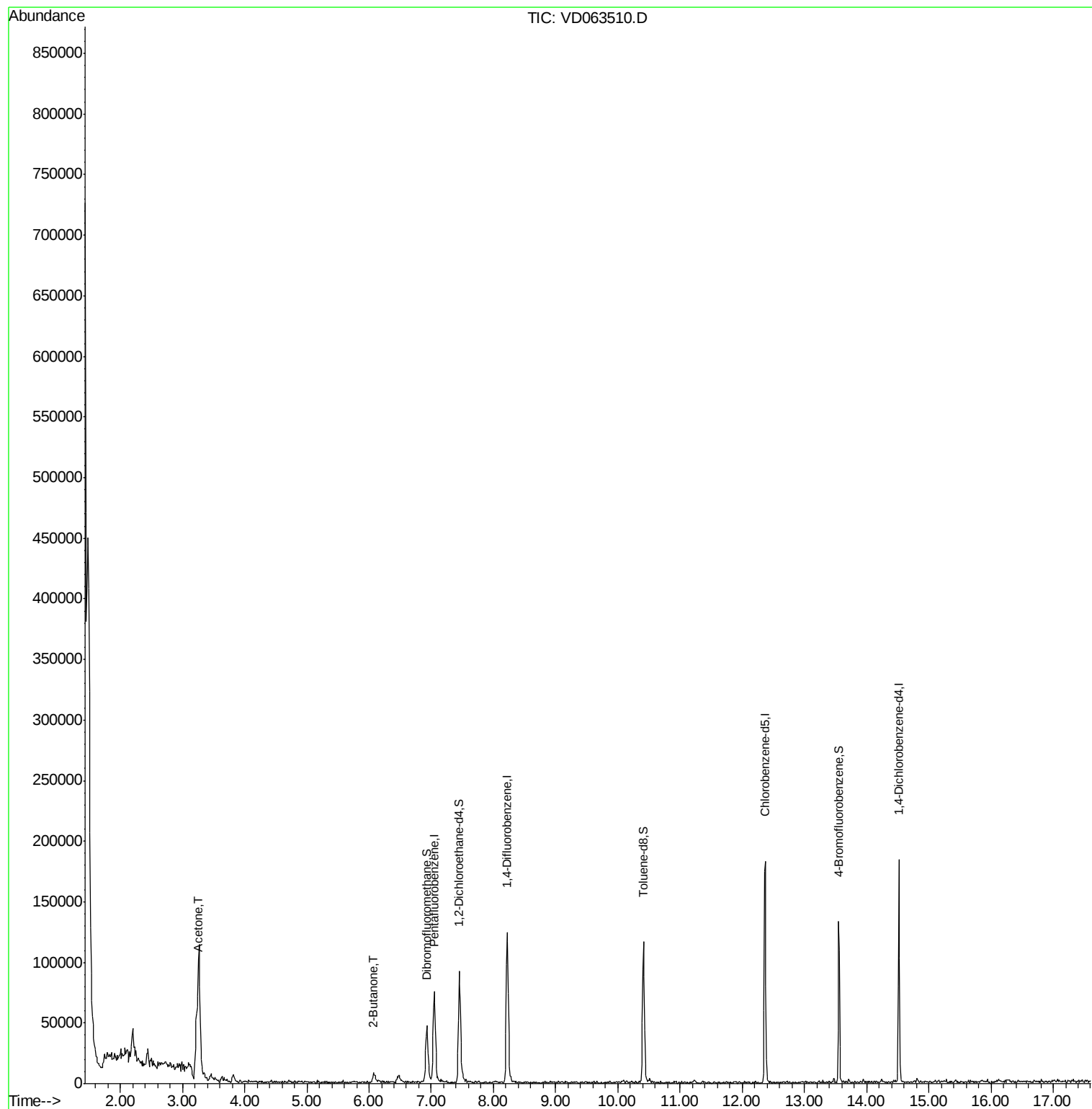
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	73019	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	136388	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	102276	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	38657	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	97696	125.17	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	250.34%	
35) Dibromofluoromethane	6.93	113	39472	34.36	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	68.72%	
50) Toluene-d8	10.41	98	93190	36.90	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.80%	
62) 4-Bromofluorobenzene	13.55	95	37073	32.39	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	64.78%	
Target Compounds						
16) Acetone	3.24	43	114629	722.465	ug/l	95
25) 2-Butanone	6.08	43	15800	100.828	ug/l #	80

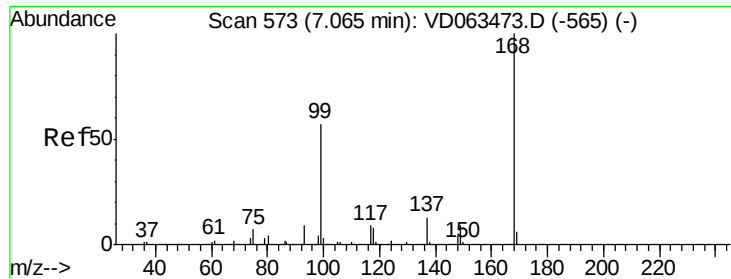
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063510.D

Acq: 13 Aug 2019 3:19

Instrument :

MSVOA_D

ClientSampleId :

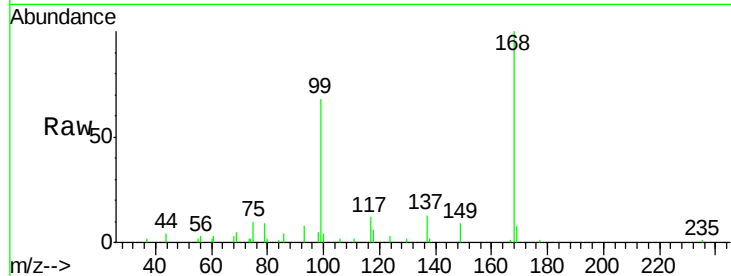
SP-9RE

Tot Ion:168 Resp: 73019

Ion Ratio Lower Upper

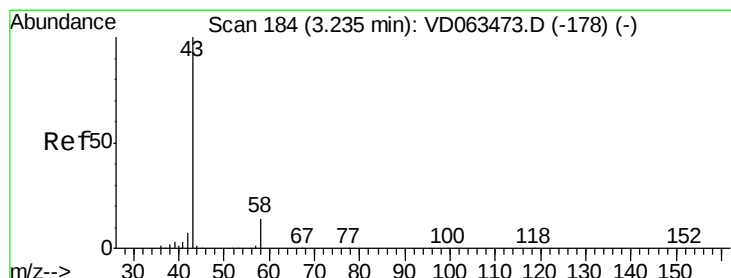
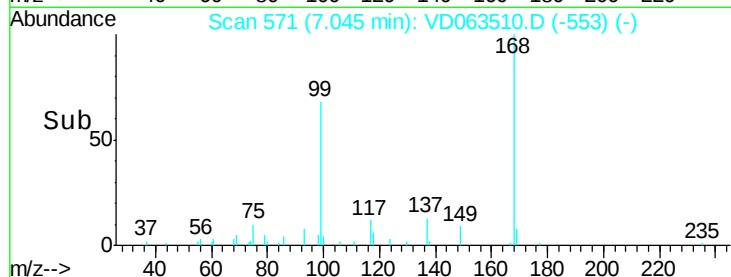
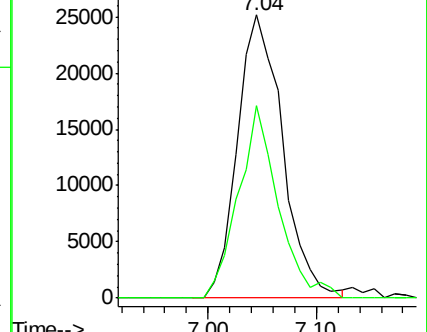
168 100

99 67.8 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: 722.465 ug/l

RT: 3.24 min Scan# 184

Delta R.T. -0.00 min

Lab File: VD063510.D

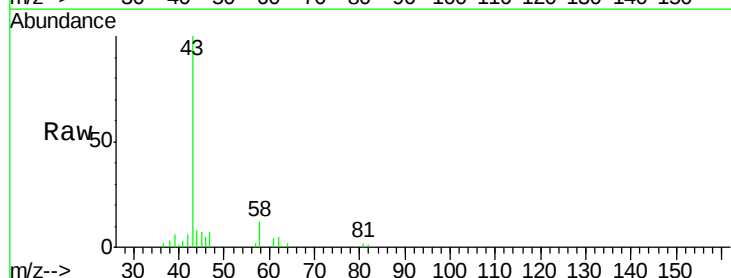
Acq: 13 Aug 2019 3:19

Tgt Ion: 43 Resp: 114629

Ion Ratio Lower Upper

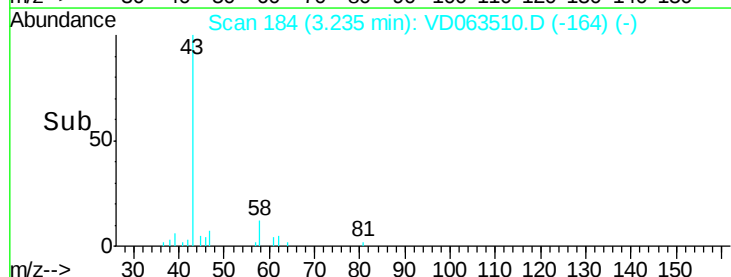
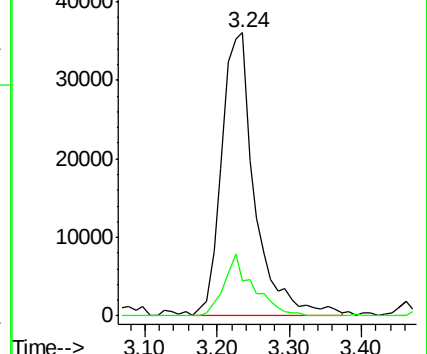
43 100

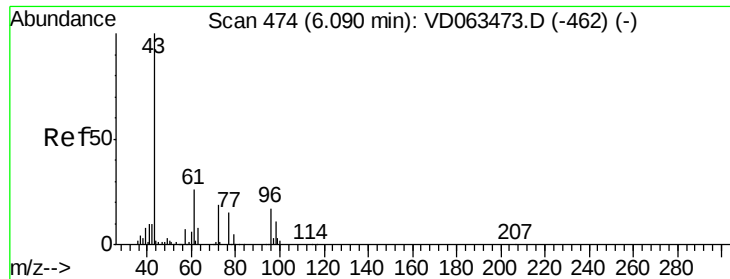
58 12.2 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#25

2-Butanone

Concen: 100.828 ug/l

RT: 6.08 min Scan# 473

Delta R.T. -0.01 min

Lab File: VD063510.D

Acq: 13 Aug 2019 3:19

Instrument :

MSVOA_D

ClientSampleId :

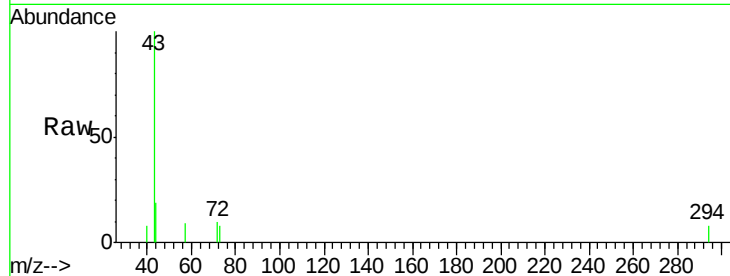
SP-9RE

Tot Ion: 43 Resp: 15800

Ion Ratio Lower Upper

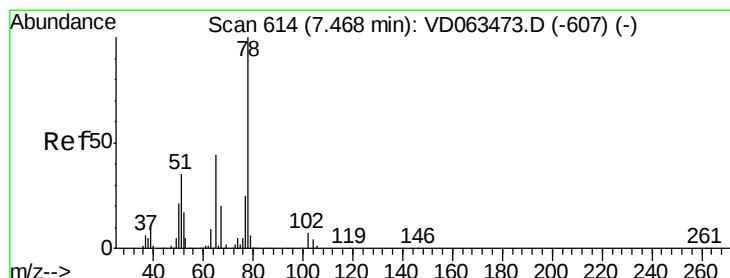
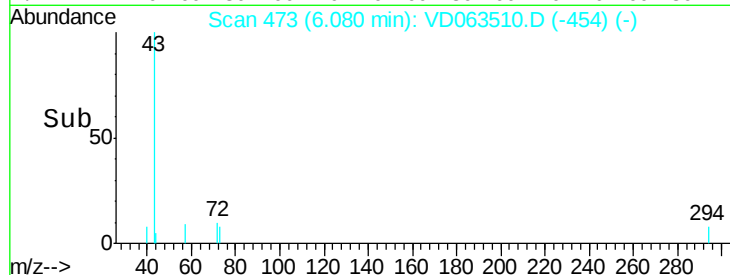
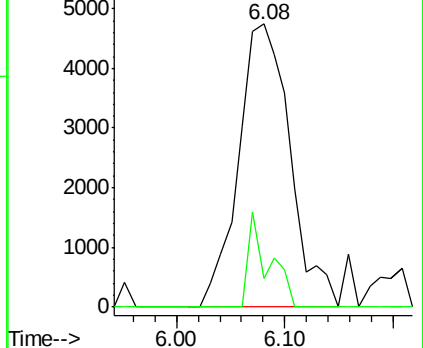
43 100

72 10.1 15.1 22.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 125.168 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063510.D

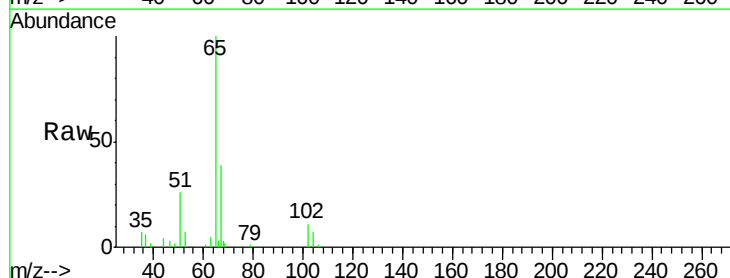
Acq: 13 Aug 2019 3:19

Tgt Ion: 65 Resp: 97696

Ion Ratio Lower Upper

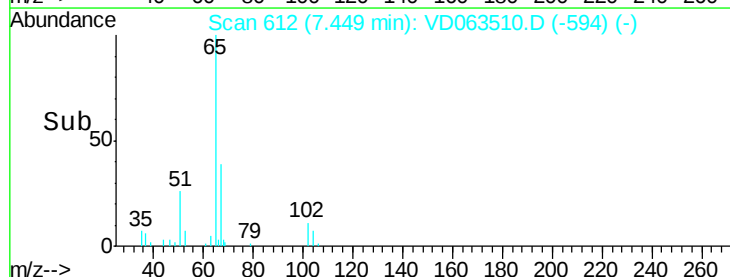
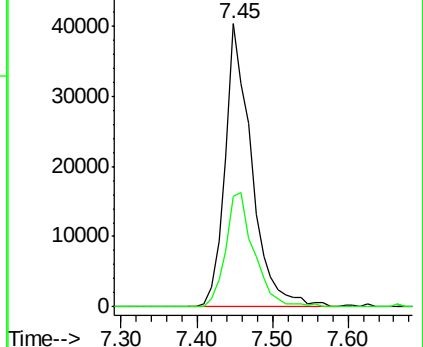
65 100

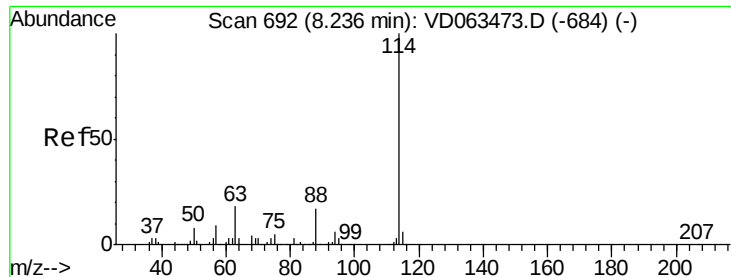
67 39.2 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063510.D

Acq: 13 Aug 2019 3:19

Instrument :

MSVOA_D

ClientSampleId :

SP-9RE

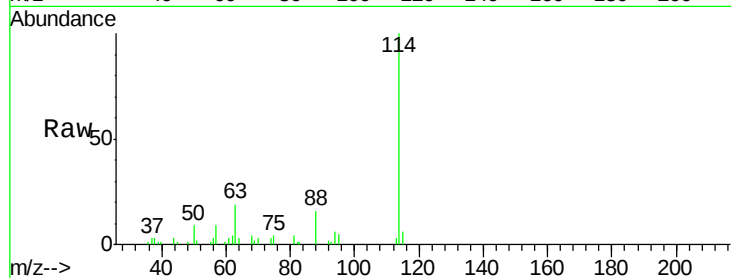
Tot Ion:114 Resp: 136388

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.2

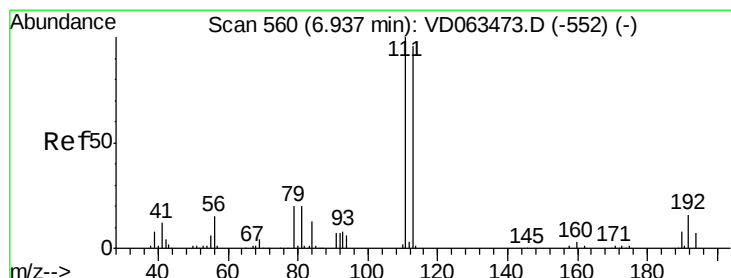
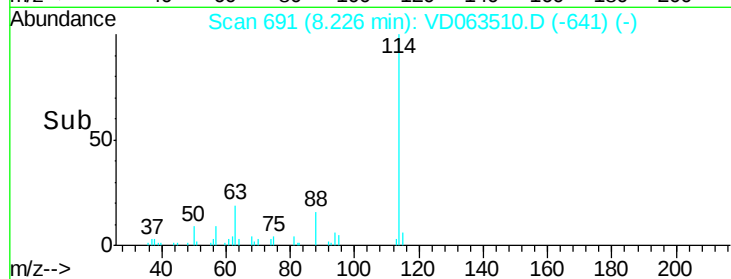
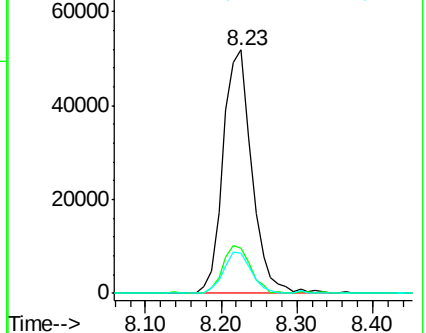
88 16.3 0.0 35.0



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: 34.363 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063510.D

Acq: 13 Aug 2019 3:19

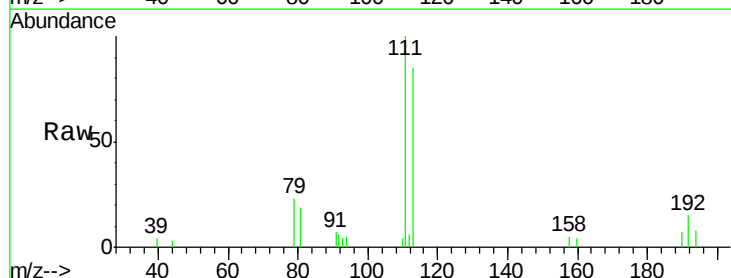
Tgt Ion:113 Resp: 39472

Ion Ratio Lower Upper

113 100

111 117.6 83.1 124.7

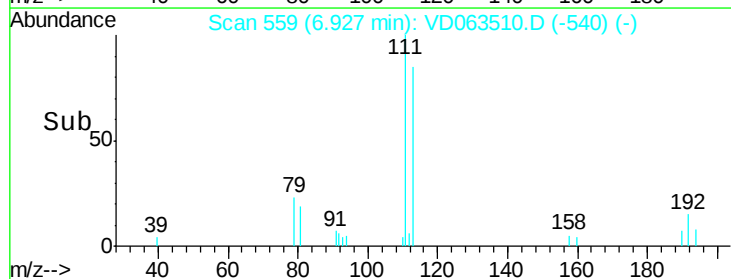
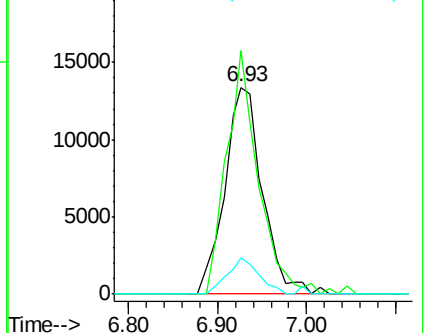
192 17.6 13.1 19.7

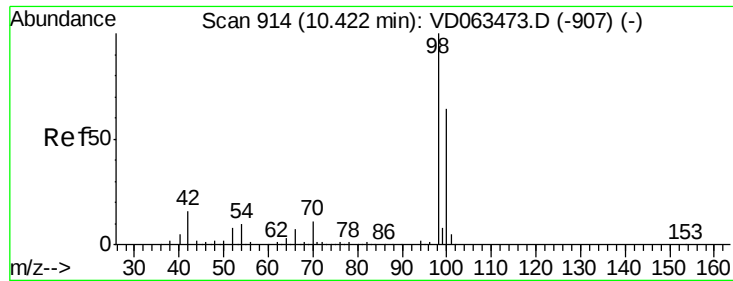


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

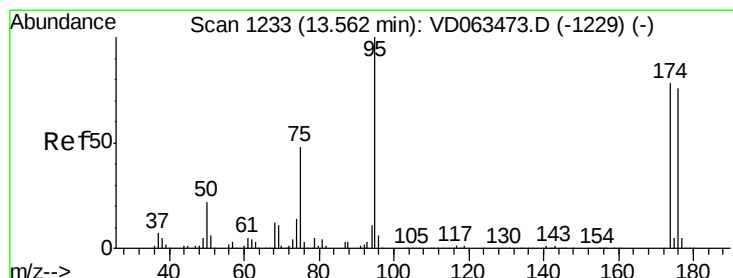
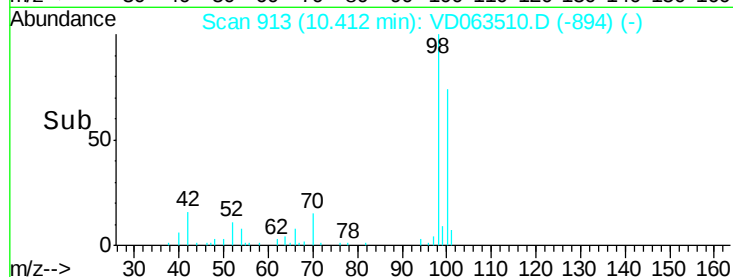
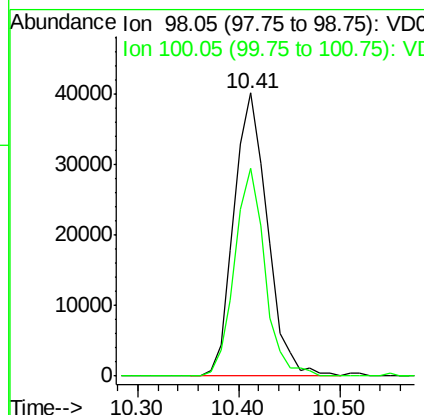
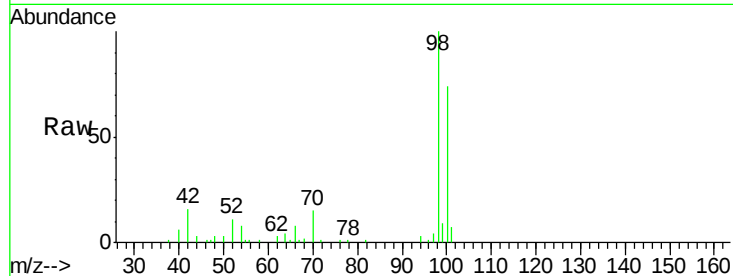




#50
Toluene-d8
Concen: 36.901 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063510.D
Acq: 13 Aug 2019 3:19

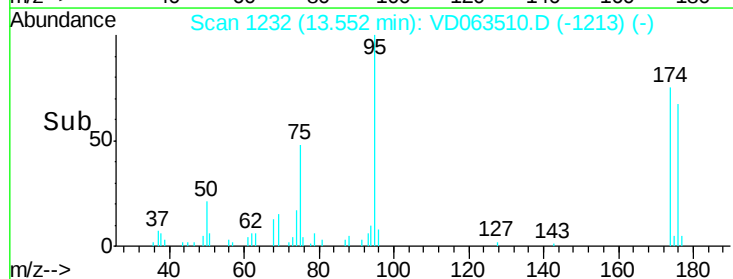
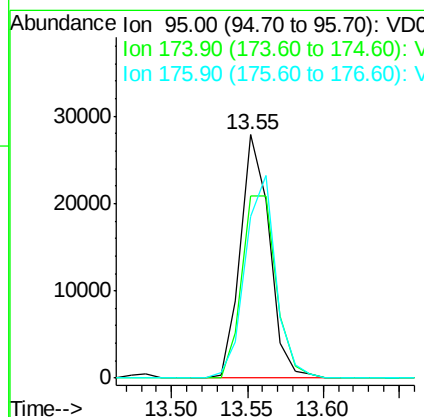
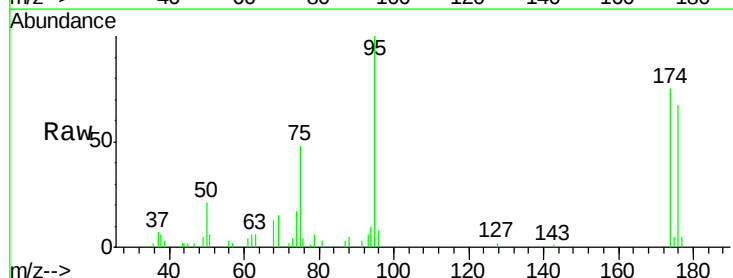
Instrument :
MSVOA_D
ClientSampleId :
SP-9RE

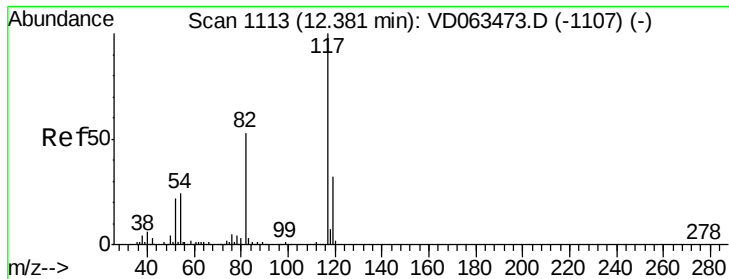
Tot Ion: 98 Resp: 93190
Ion Ratio Lower Upper
98 100
100 73.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 32.389 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063510.D
Acq: 13 Aug 2019 3:19

Tgt Ion: 95 Resp: 37073
Ion Ratio Lower Upper
95 100
174 74.9 0.0 155.4
176 66.7 0.0 152.4

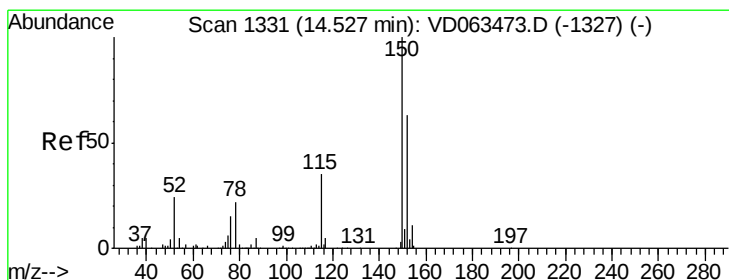
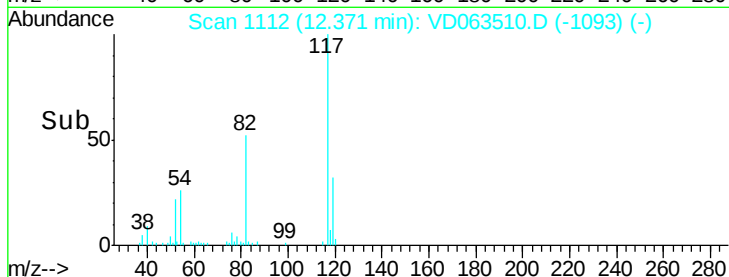
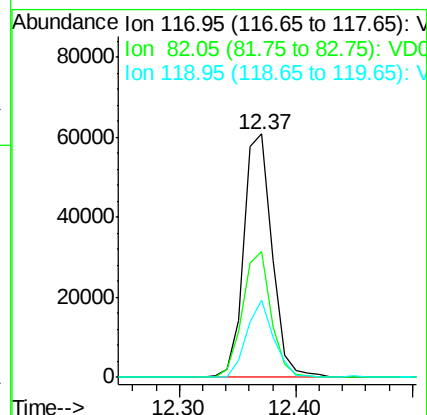
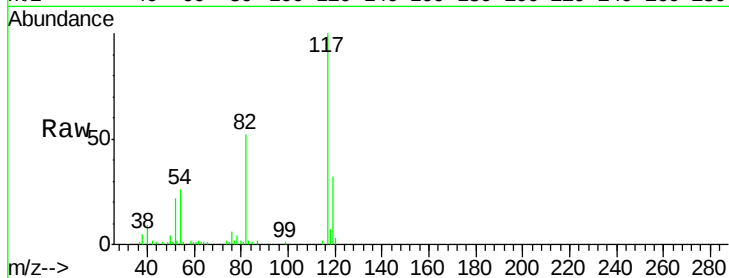




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063510.D
Acq: 13 Aug 2019 3:19

Instrument :
MSVOA_D
ClientSampleId :
SP-9RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.0	63.0
119	31.8	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: VD063510.D
Acq: 13 Aug 2019 3:19

Tgt Ion	Ratio	Lower	Upper
152	100		
115	46.8	30.9	92.7
150	159.8	0.0	318.6

