

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063668.D
 Acq On : 19 Aug 2019 20:01
 Operator : JC/SY
 Sample : K4402-01
 Misc : 3.78g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FRAC-TANK-MUD

Quant Time: Aug 20 09:08:40 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

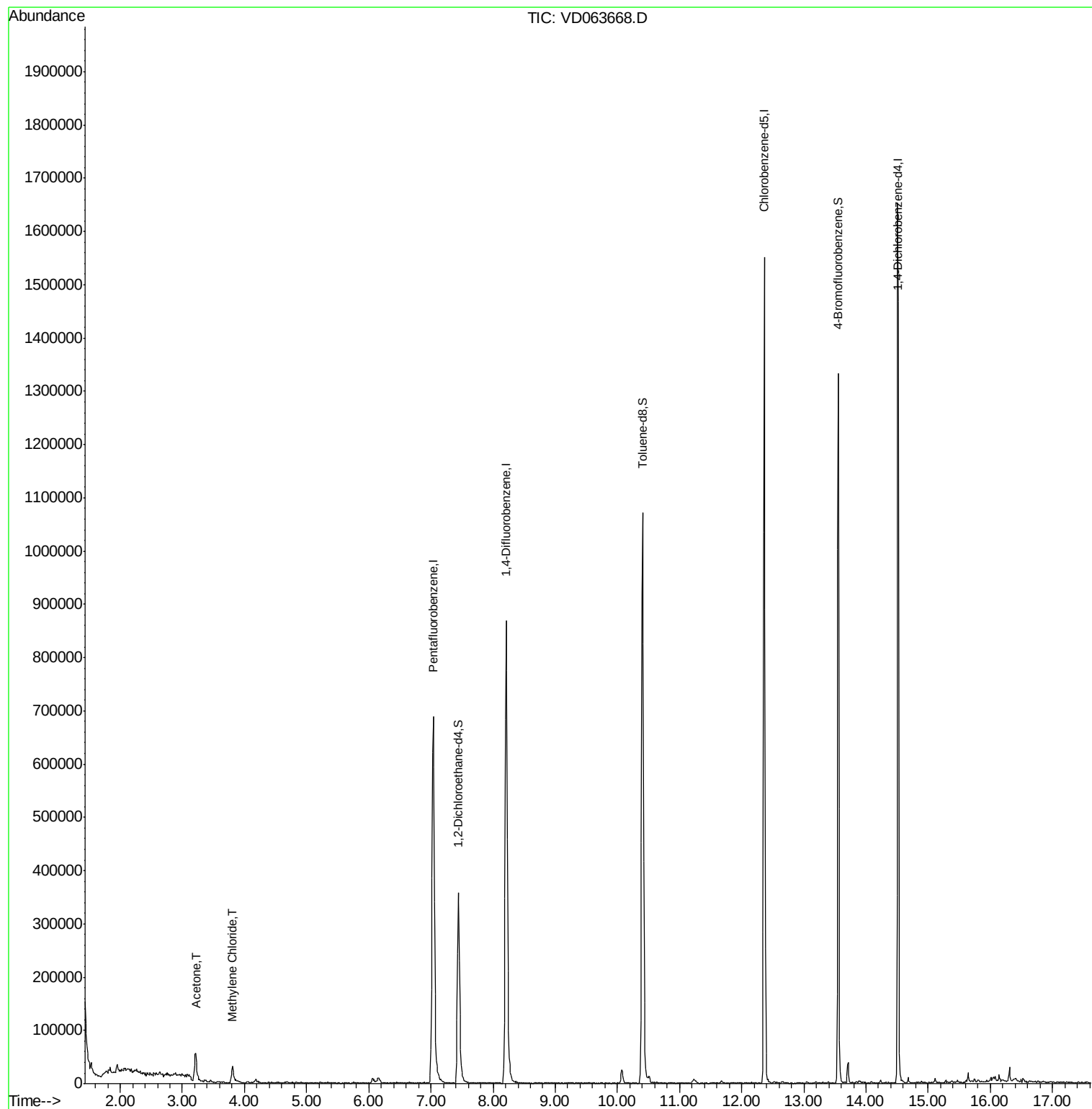
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	685379	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	952260	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	822658	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	400322	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	401560	54.81	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	109.62%	
35) Dibromofluoromethane	6.81	113	213	0.03	ug/l	-0.13
Spiked Amount	50.000		Recovery	=	0.06%	
50) Toluene-d8	10.40	98	892369	50.61	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	101.22%	
62) 4-Bromofluorobenzene	13.55	95	360329	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
Target Compounds						
16) Acetone	3.22	43	101307	68.025	ug/l	98
20) Methylene Chloride	3.81	84	16525	2.566	ug/l #	86

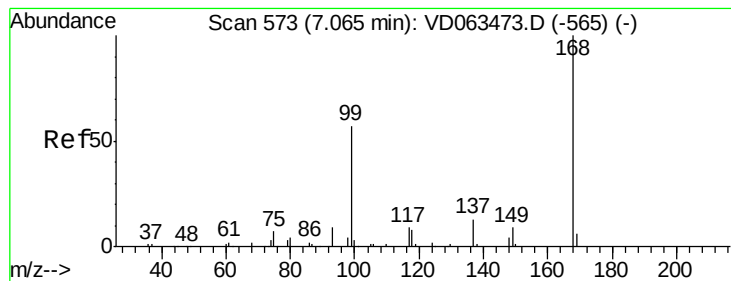
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

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MSVOA_D

ClientSampleId :

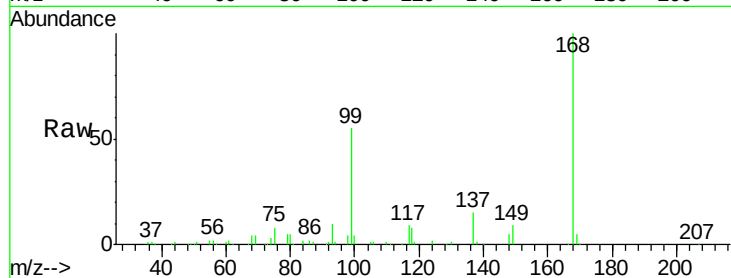
FRAC-TANK-MUD

Tot Ion:168 Resp: 685379

Ion Ratio Lower Upper

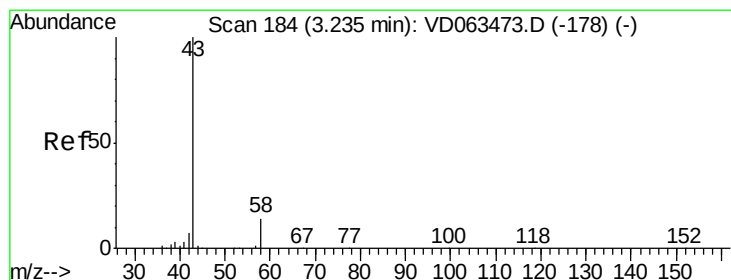
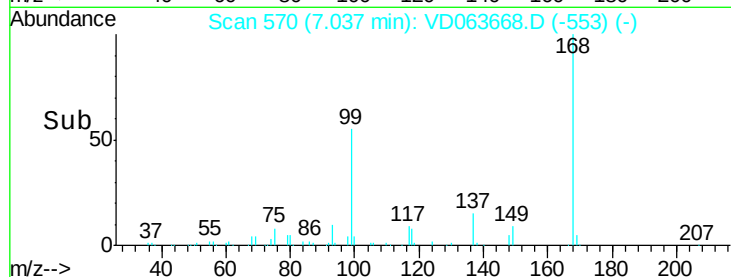
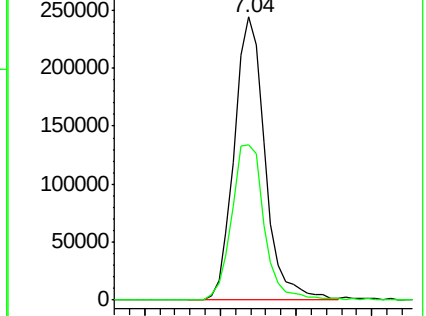
168 100

99 54.8 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: 68.025 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.02 min

Lab File: VD063668.D

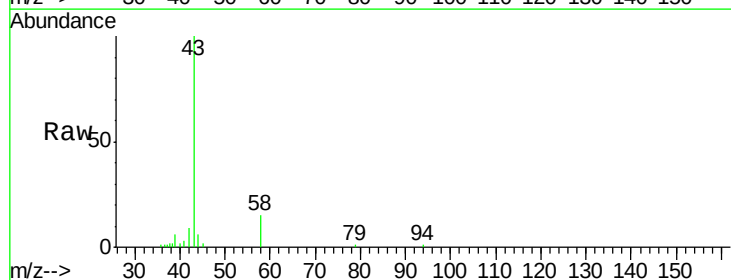
Acq: 19 Aug 2019 20:01

Tgt Ion: 43 Resp: 101307

Ion Ratio Lower Upper

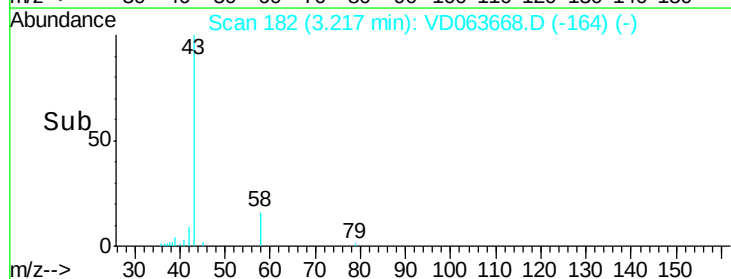
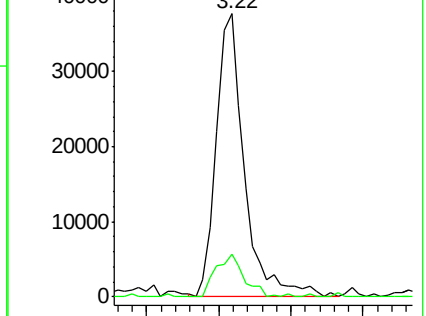
43 100

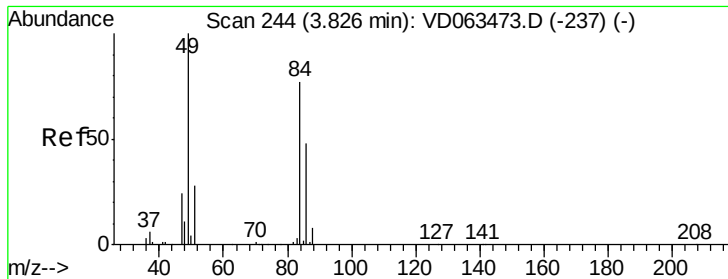
58 15.3 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

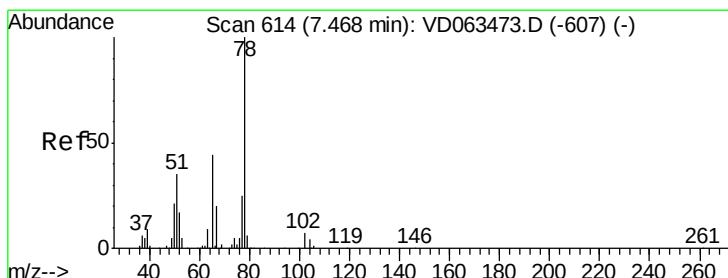
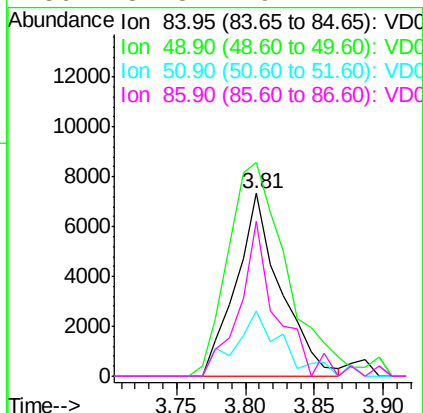
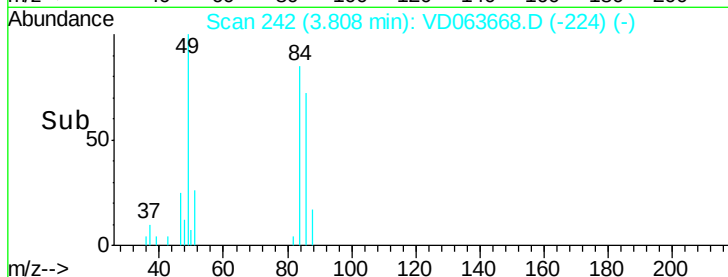
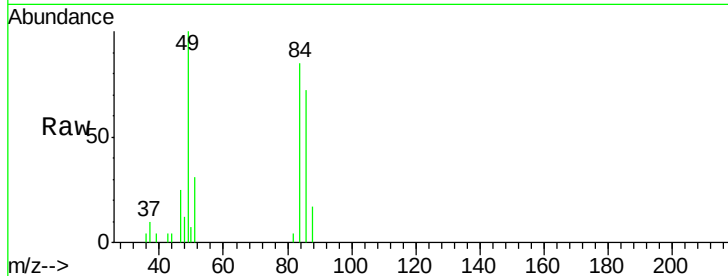




#20
Methylene Chloride
Concen: 2.566 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063668.D
Acq: 19 Aug 2019 20:01

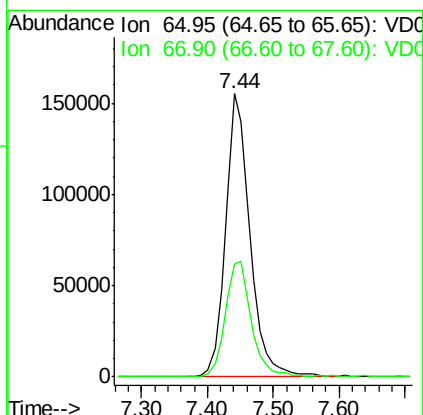
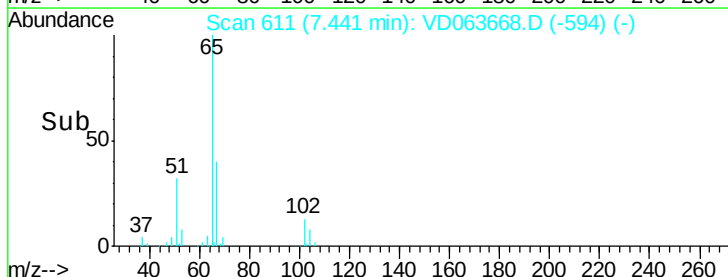
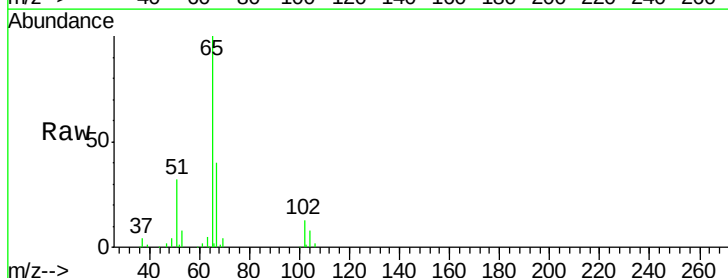
Instrument :
MSVOA_D
ClientSampleId :
FRAC-TANK-MUD

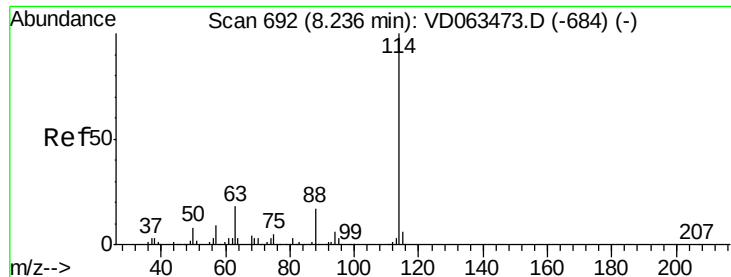
Tot Ion: 84 Resp: 16525
Ion Ratio Lower Upper
84 100
49 117.0 103.4 155.2
51 36.1 28.5 42.7
86 84.8 49.4 74.2#



#33
1,2-Dichloroethane-d4
Concen: 54.812 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063668.D
Acq: 19 Aug 2019 20:01

Tgt Ion: 65 Resp: 401560
Ion Ratio Lower Upper
65 100
67 40.1 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063668.D

Acq: 19 Aug 2019 20:01

Instrument :

MSVOA_D

ClientSampleId :

FRAC-TANK-MUD

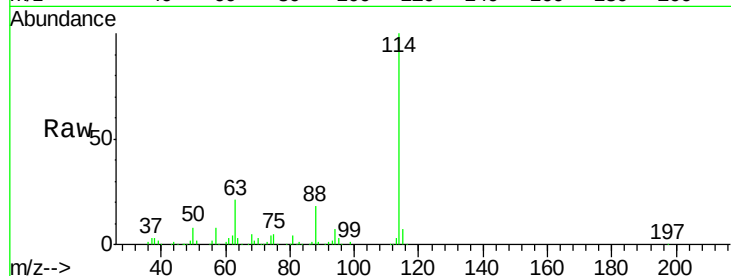
Tot Ion:114 Resp: 952260

Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.2

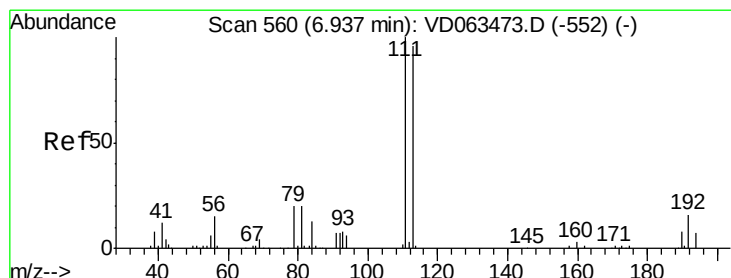
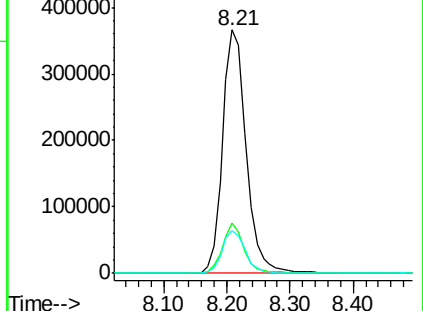
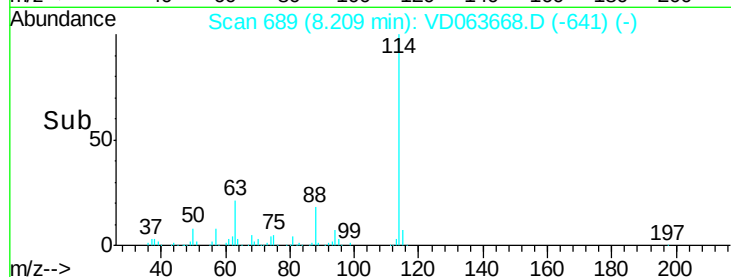
88 17.8 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 0.027 ug/l

RT: 6.81 min Scan# 547

Delta R.T. -0.13 min

Lab File: VD063668.D

Acq: 19 Aug 2019 20:01

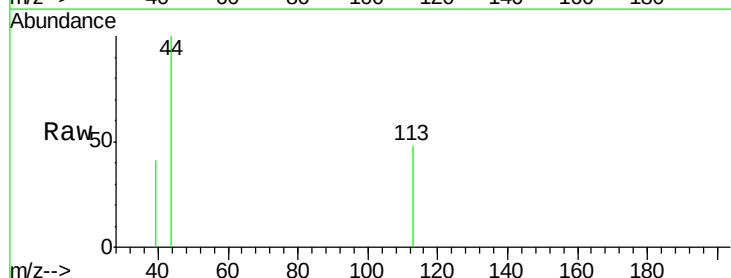
Tgt Ion:113 Resp: 213

Ion Ratio Lower Upper

113 100

111 0.0 83.1 124.7#

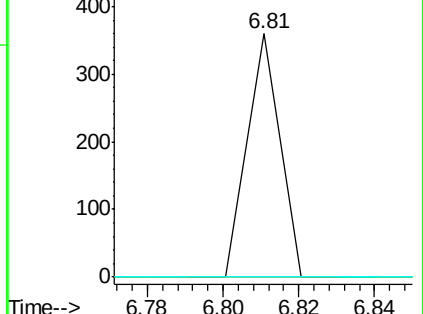
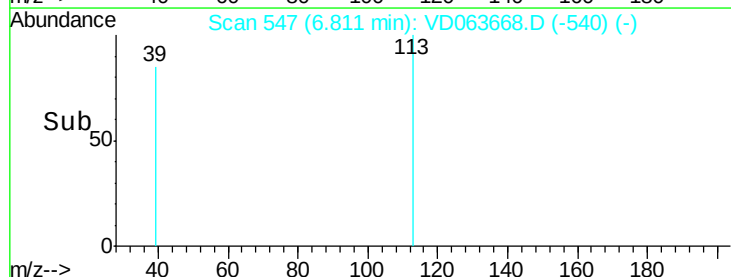
192 0.0 13.1 19.7#

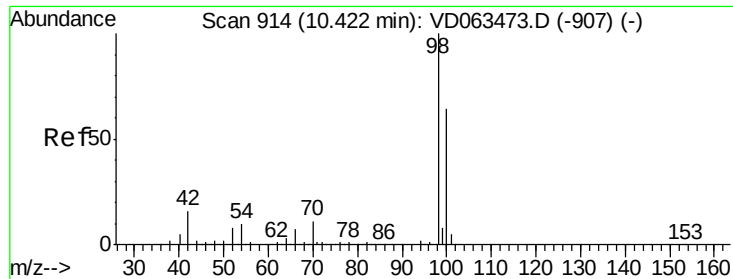


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

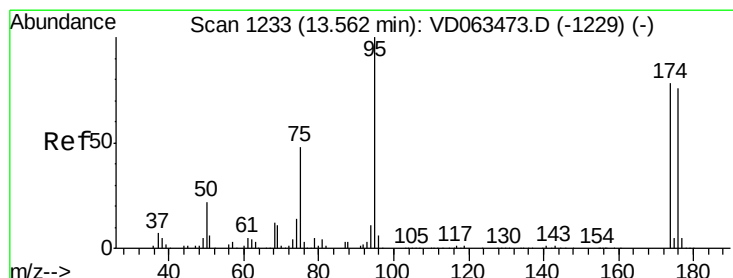
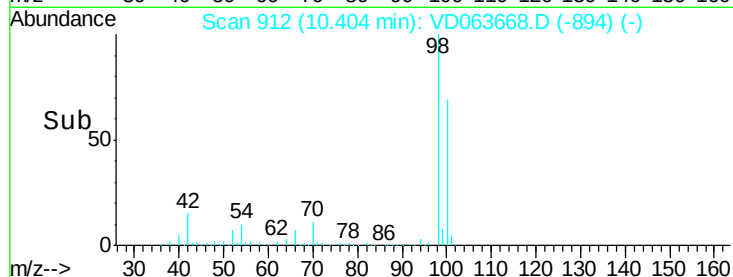
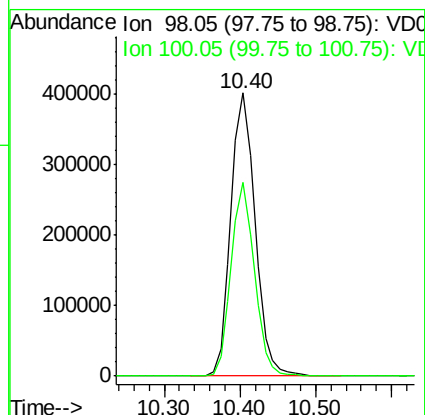
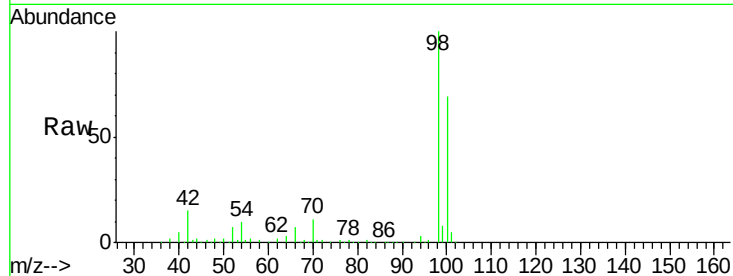




#50
Toluene-d8
Concen: 50.610 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063668.D
Acq: 19 Aug 2019 20:01

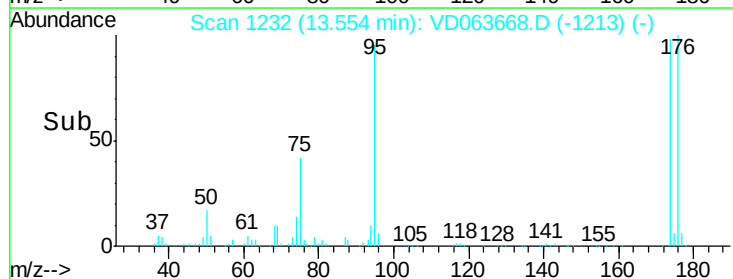
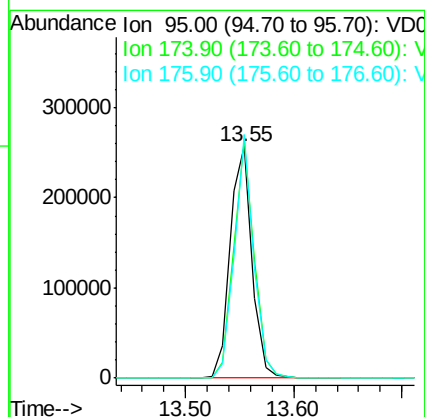
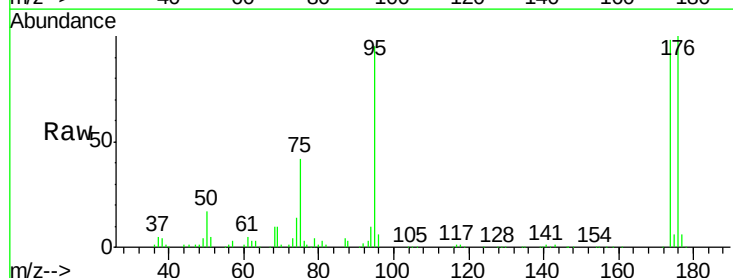
Instrument :
MSVOA_D
ClientSampleId :
FRAC-TANK-MUD

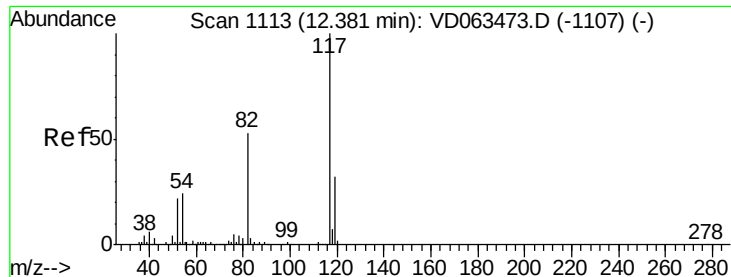
Tot Ion: 98 Resp: 892369
Ion Ratio Lower Upper
98 100
100 68.6 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 45.088 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063668.D
Acq: 19 Aug 2019 20:01

Tgt Ion: 95 Resp: 360329
Ion Ratio Lower Upper
95 100
174 102.5 0.0 155.4
176 104.9 0.0 152.4

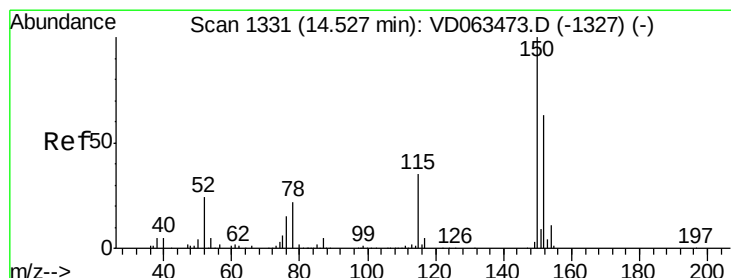
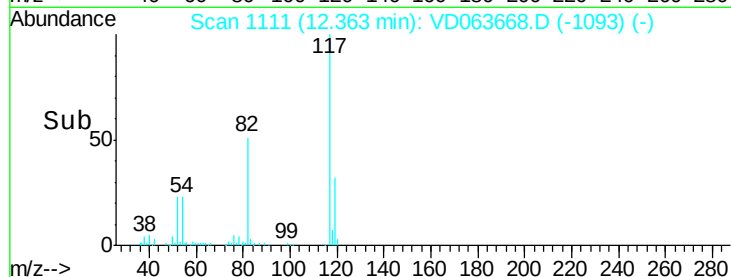
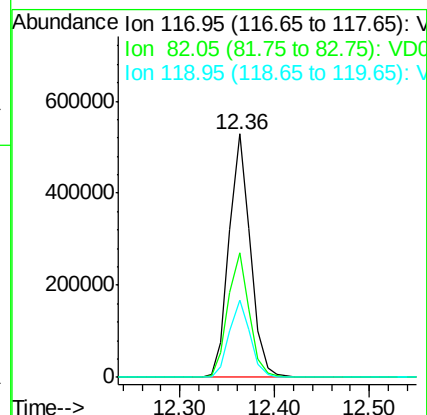
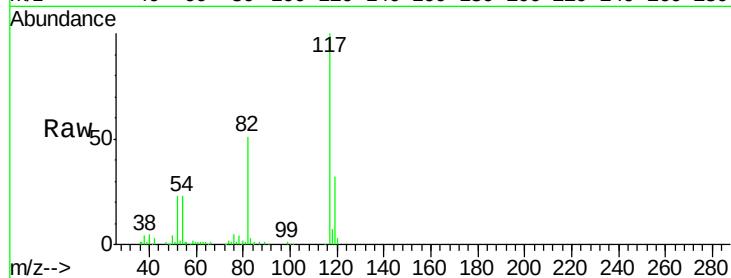




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063668.D
Acq: 19 Aug 2019 20:01

Instrument :
MSVOA_D
ClientSampleId :
FRAC-TANK-MUD

Tot Ion:117 Resp: 822658
Ion Ratio Lower Upper
117 100
82 51.0 42.0 63.0
119 31.7 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: VD063668.D
Acq: 19 Aug 2019 20:01

Tgt Ion:152 Resp: 400322
Ion Ratio Lower Upper
152 100
115 48.1 30.9 92.7
150 157.8 0.0 318.6

