

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061419\
 Data File : VD062716.D
 Acq On : 14 Jun 2019 17:33
 Operator : VA/AP
 Sample : K3393-01RE
 Misc : 4.09g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DRILLING-MUDRE

Quant Time: Jun 15 05:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 00:02:21 2019
 Response via : Initial Calibration

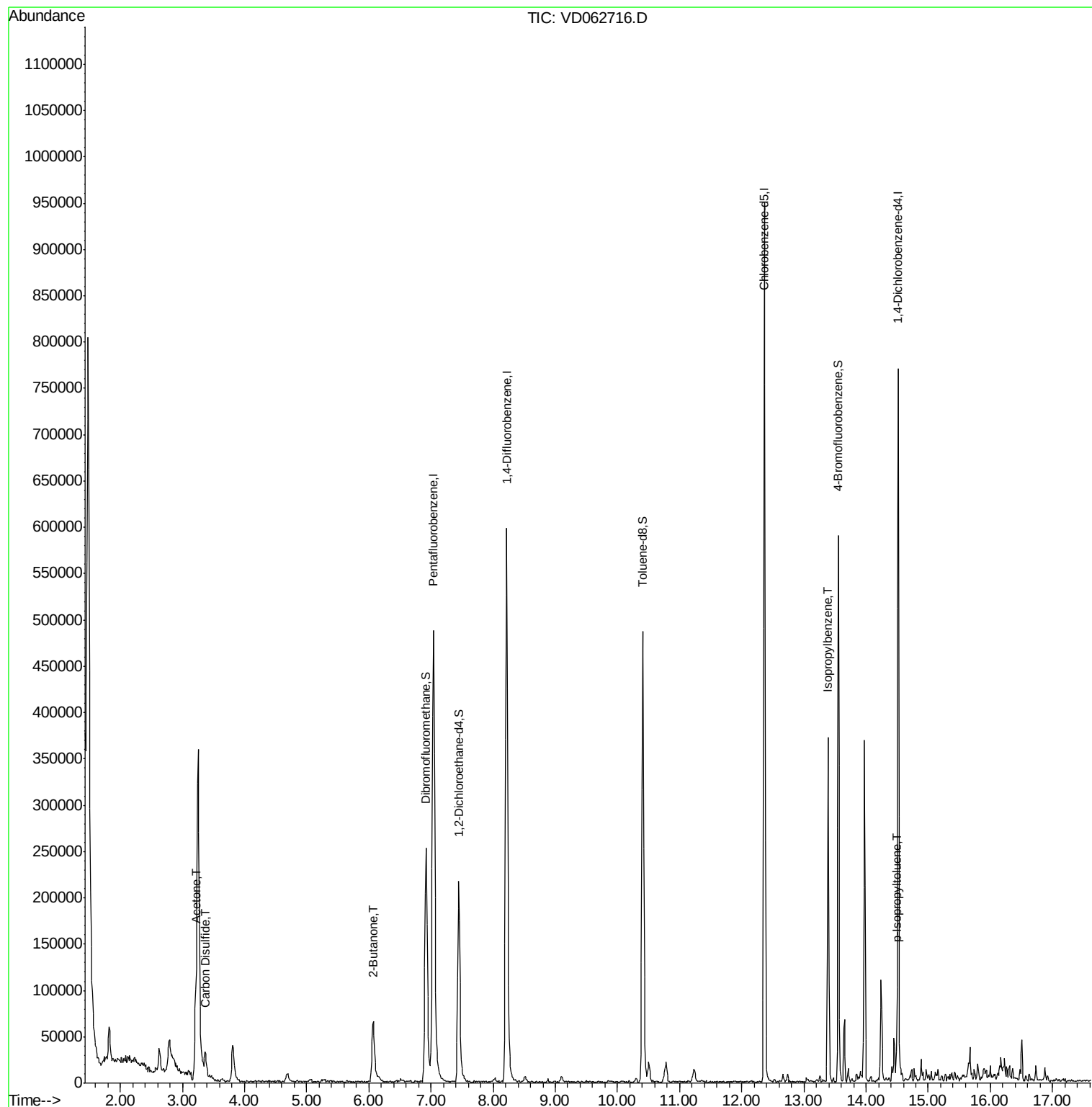
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	500546	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.22	114	632473	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	487121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	162479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	245164	33.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.88%	
35) Dibromofluoromethane	6.92	113	236560	35.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	70.92%	
50) Toluene-d8	10.41	98	394467	28.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	56.22%	
62) 4-Bromofluorobenzene	13.55	95	152541	23.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	46.60%	
Target Compounds						
16) Acetone	3.22	43	193896	146.600	ug/l	98
17) Carbon Disulfide	3.36	76	40807	3.130	ug/l #	92
25) 2-Butanone	6.07	43	135143	104.736	ug/l	92
73) Isopropylbenzene	13.39	105	15627	1.365	ug/l #	65
86) p-Isopropyltoluene	14.49	119	14055	1.233	ug/l	93

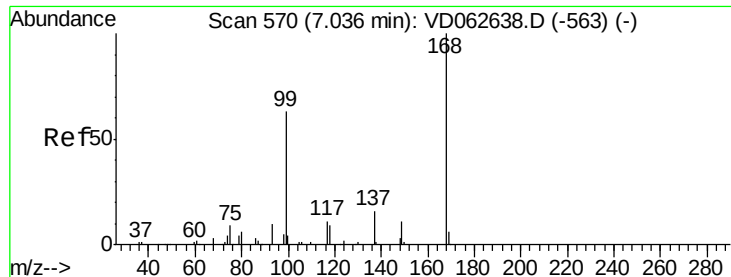
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061419\
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Quant Title : SW846 8260
QLast Update : Sat Jun 08 00:02:21 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD062716.D

Acq: 14 Jun 2019 17:33

Instrument :

MSVOA_D

ClientSampleId :

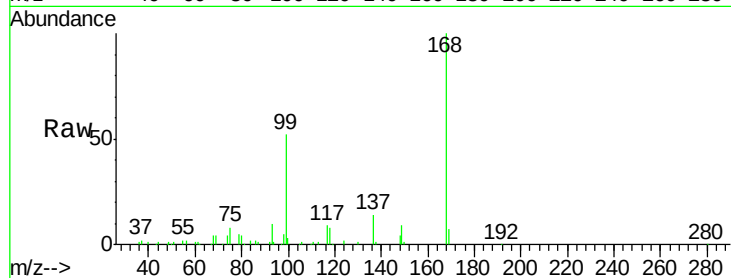
DRILLING-MUDRE

Tot Ion:168 Resp: 500546

Ion Ratio Lower Upper

168 100

99 52.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

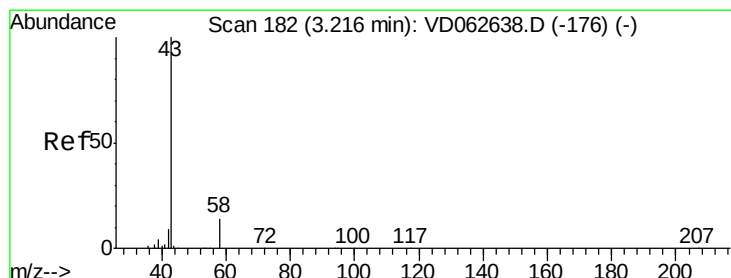
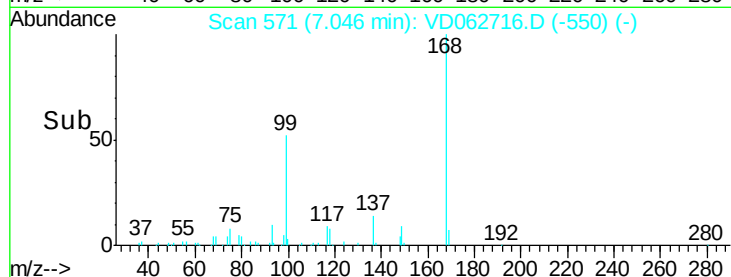
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 146.600 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD062716.D

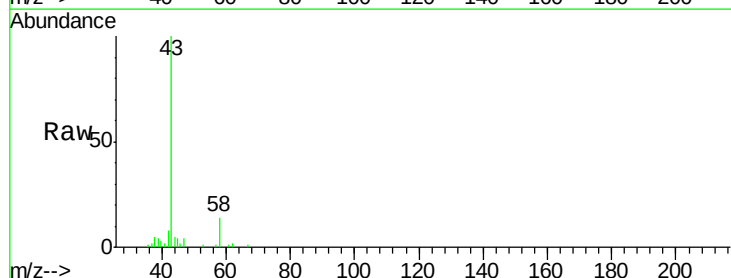
Acq: 14 Jun 2019 17:33

Tgt Ion: 43 Resp: 193896

Ion Ratio Lower Upper

43 100

58 14.3 10.8 16.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

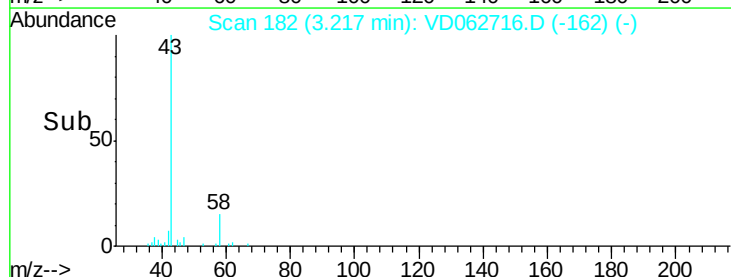
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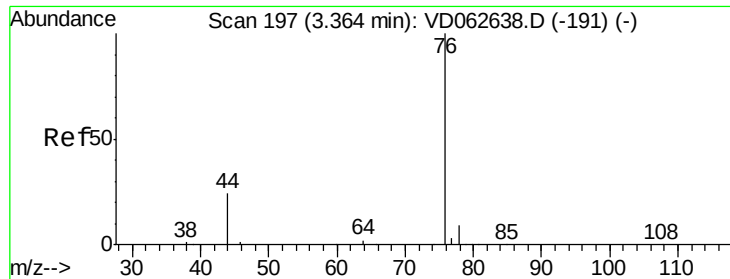
40000

20000

0

Time-->





#17

Carbon Disulfide

Concen: 3.130 ug/l

RT: 3.36 min Scan# 197

Delta R.T. 0.00 min

Lab File: VD062716.D

Acq: 14 Jun 2019 17:33

Instrument :

MSVOA_D

ClientSampleId :

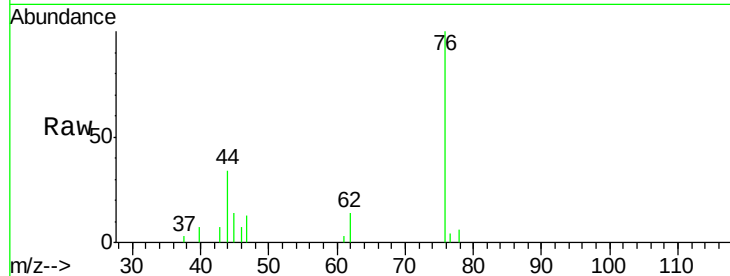
DRILLING-MUDRE

Tot Ion: 76 Resp: 40807

Ion Ratio Lower Upper

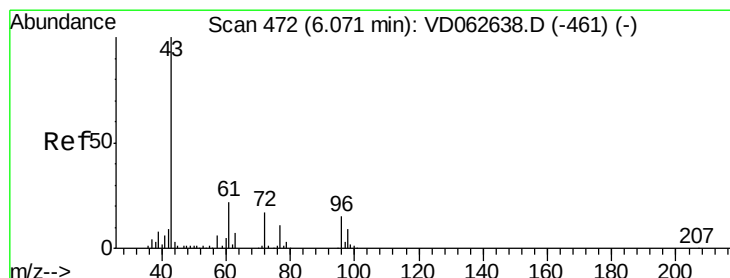
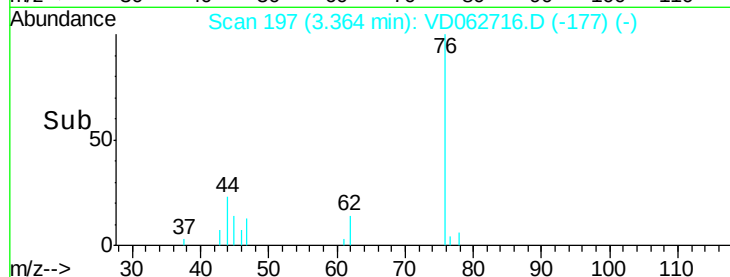
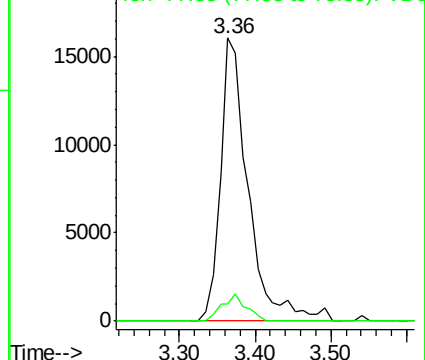
76 100

78 5.9 7.0 10.4#



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#25

2-Butanone

Concen: 104.736 ug/l

RT: 6.07 min Scan# 472

Delta R.T. 0.00 min

Lab File: VD062716.D

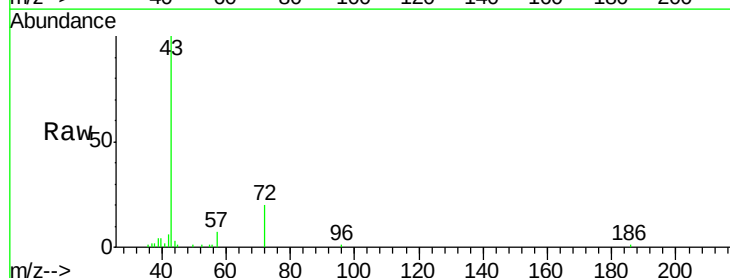
Acq: 14 Jun 2019 17:33

Tgt Ion: 43 Resp: 135143

Ion Ratio Lower Upper

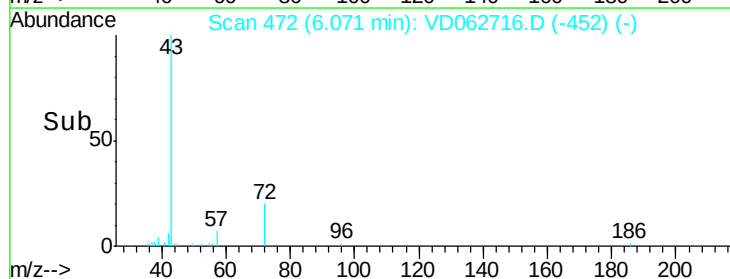
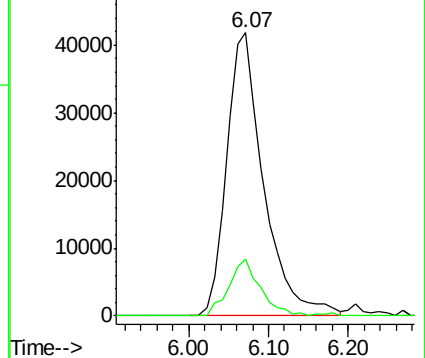
43 100

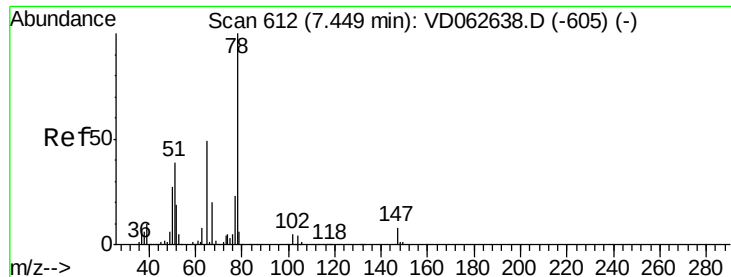
72 20.2 13.5 20.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

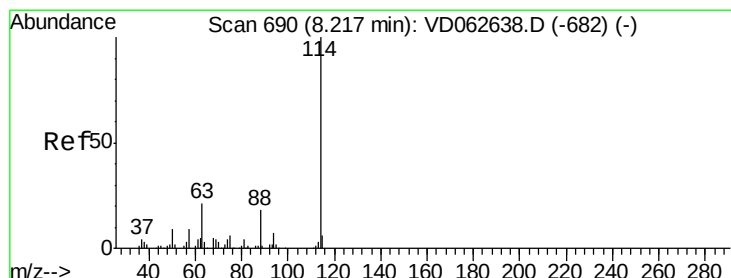
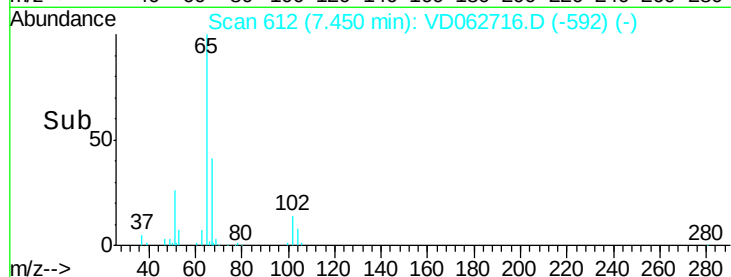
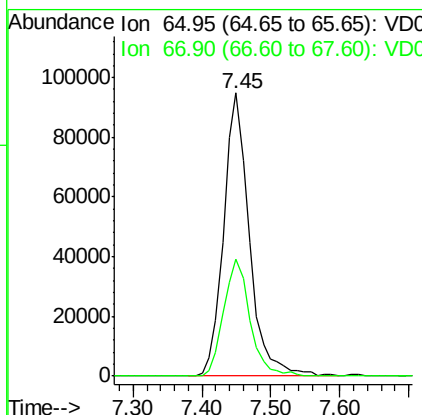
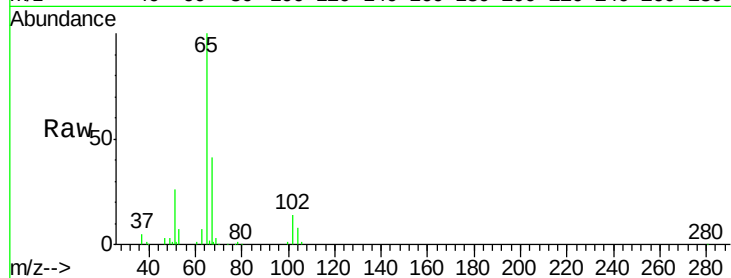




#33
 1,2-Dichloroethane-d4
 Concen: 33.943 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VD062716.D
 Acq: 14 Jun 2019 17:33

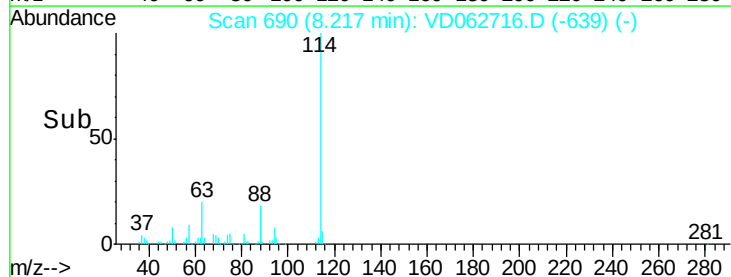
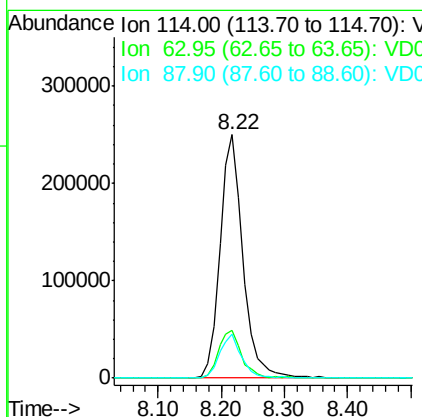
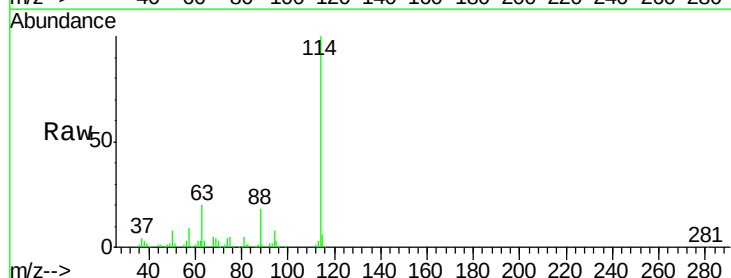
Instrument :
 MSVOA_D
 ClientSampleId :
 DRILLING-MUDRE

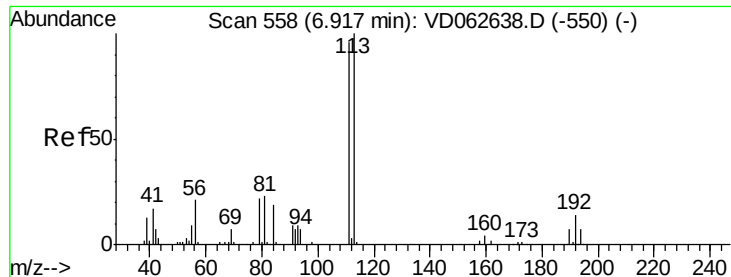
Tot Ion: 65 Resp: 245164
 Ion Ratio Lower Upper
 65 100
 67 41.4 0.0 81.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD062716.D
 Acq: 14 Jun 2019 17:33

Tgt Ion: 114 Resp: 632473
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 42.4
 88 18.1 0.0 36.8





#35

Dibromofluoromethane

Concen: 35.465 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD062716.D

Acq: 14 Jun 2019 17:33

Instrument :

MSVOA_D

ClientSampleId :

DRILLING-MUDRE

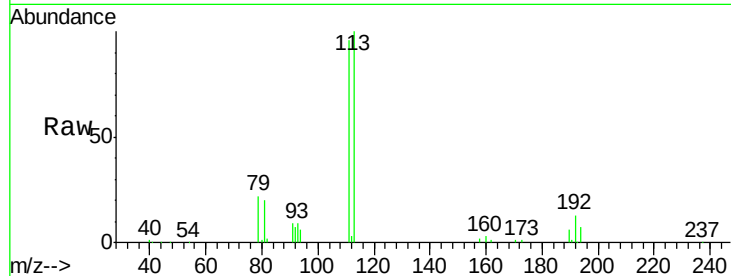
Tot Ion:113 Resp: 236560

Ion Ratio Lower Upper

113 100

111 95.9 76.4 114.6

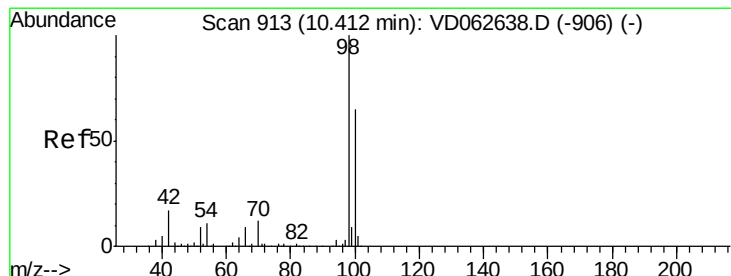
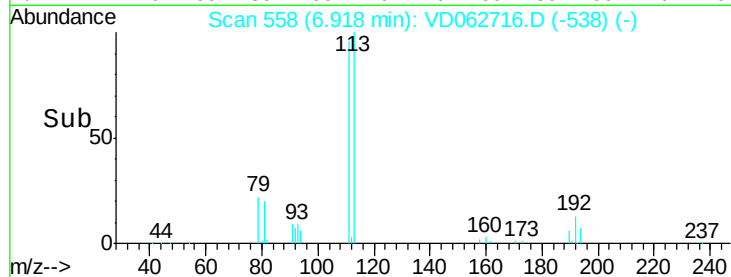
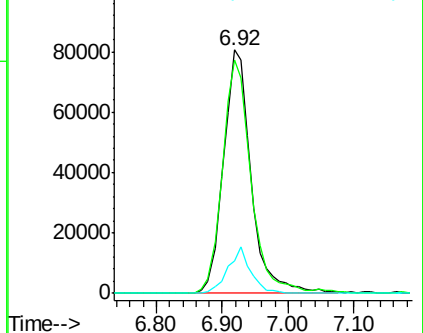
192 13.5 11.4 17.0



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: 28.112 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD062716.D

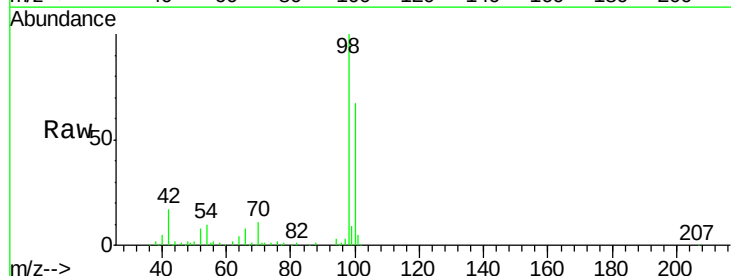
Acq: 14 Jun 2019 17:33

Tgt Ion: 98 Resp: 394467

Ion Ratio Lower Upper

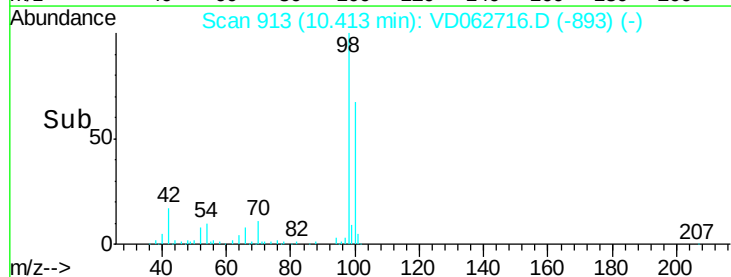
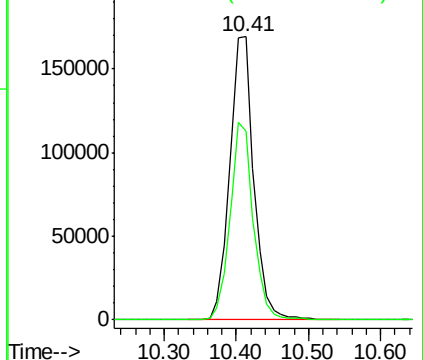
98 100

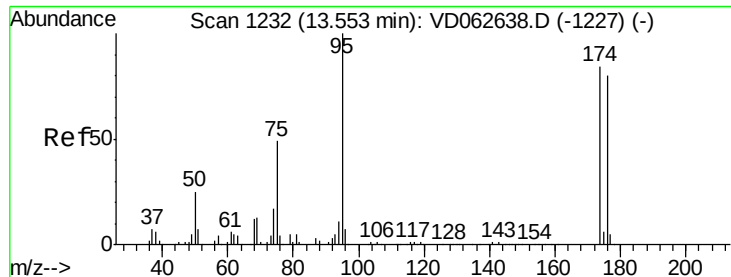
100 66.8 52.1 78.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 23.302 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062716.D

Acq: 14 Jun 2019 17:33

Instrument :

MSVOA_D

ClientSampleId :

DRILLING-MUDRE

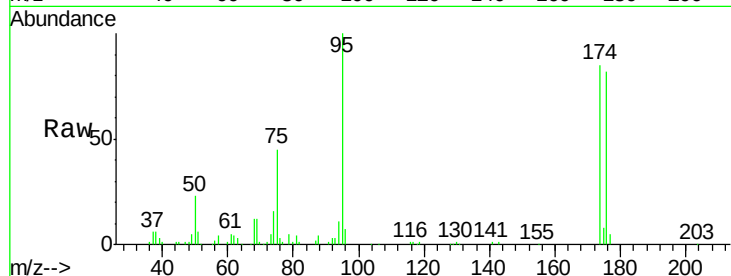
Tot Ion: 95 Resp: 152541

Ion Ratio Lower Upper

95 100

174 84.7 0.0 167.0

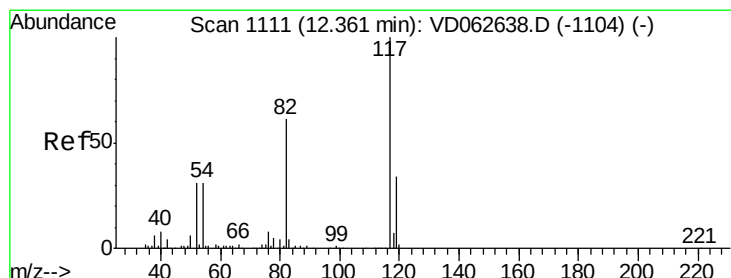
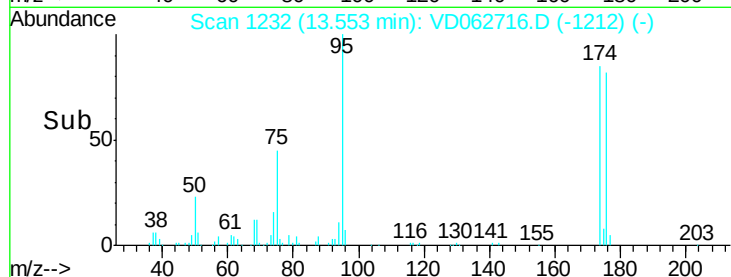
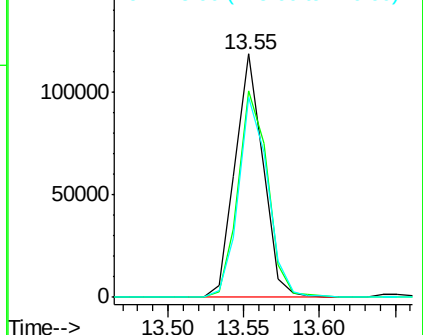
176 82.1 0.0 159.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD062716.D

Acq: 14 Jun 2019 17:33

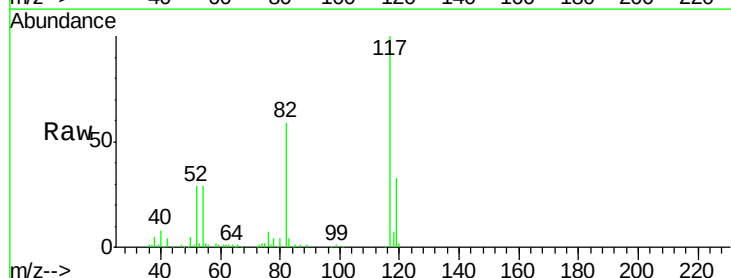
Tgt Ion: 117 Resp: 487121

Ion Ratio Lower Upper

117 100

82 58.5 48.7 73.1

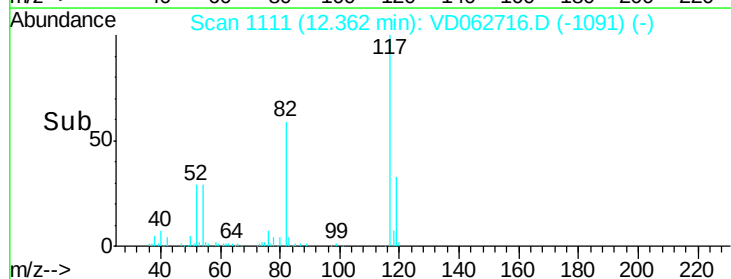
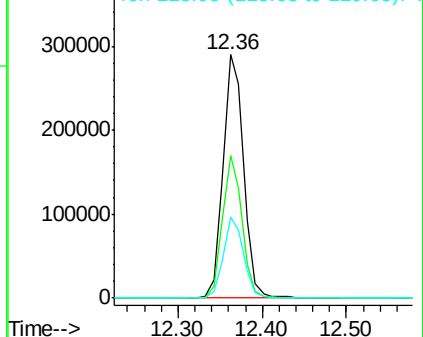
119 33.2 27.0 40.6

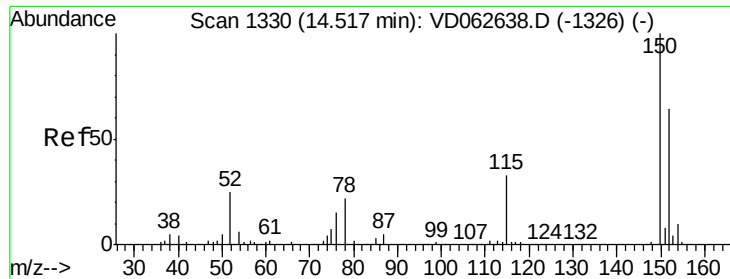


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



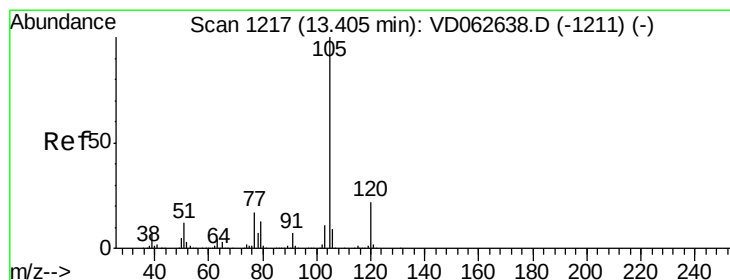
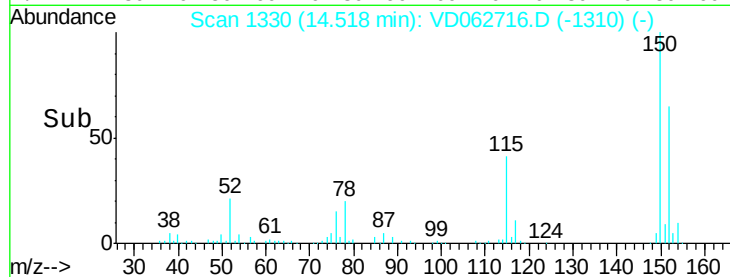
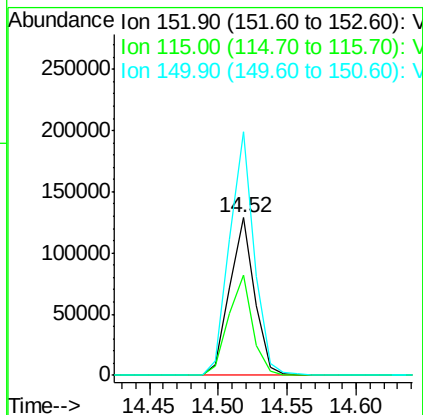
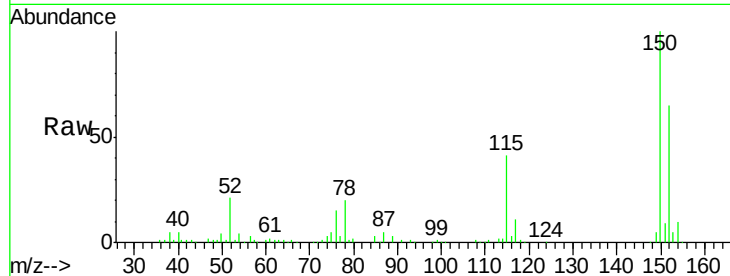


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062716.D
Acq: 14 Jun 2019 17:33

Instrument :
MSVOA_D
ClientSampleId :
DRILLING-MUDRE

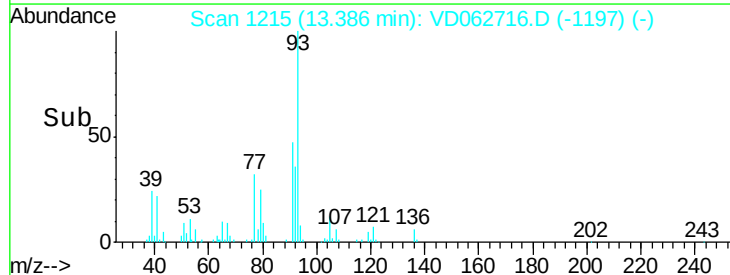
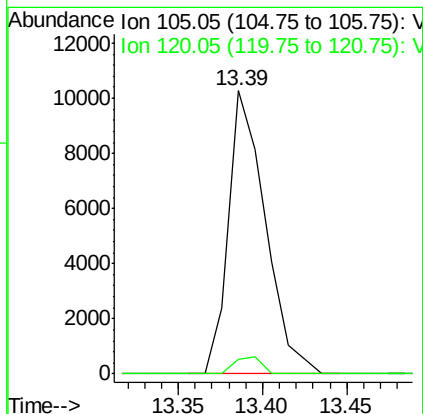
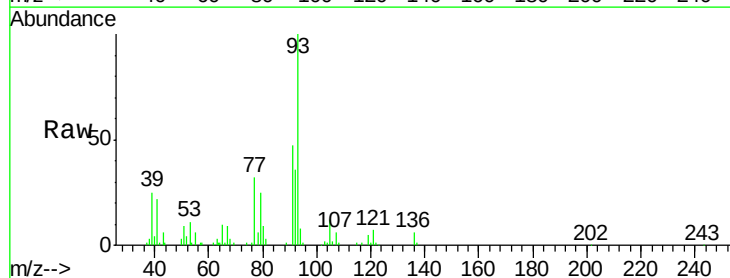
Tot Ion:152 Resp: 162479
Ion Ratio Lower Upper
152 100
115 63.5 30.1 90.5
150 154.3 0.0 314.0

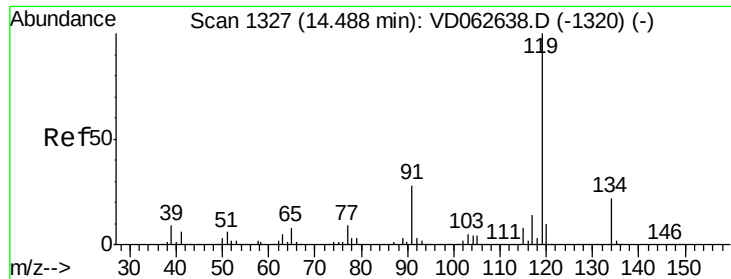


#73

Isopropylbenzene
Concen: 1.365 ug/l
RT: 13.39 min Scan# 1215
Delta R.T. -0.02 min
Lab File: VD062716.D
Acq: 14 Jun 2019 17:33

Tgt Ion:105 Resp: 15627
Ion Ratio Lower Upper
105 100
120 5.0 10.9 32.7#





#86
 p-Isopropyltoluene
 Concen: 1.233 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. 0.00 min
 Lab File: VD062716.D
 Acq: 14 Jun 2019 17:33

Instrument :
 MSVOA_D
 ClientSampleId :
 DRILLING-MUDRE

Tot Ion:	119	Resp:	14055
Ion	Ratio	Lower	Upper
119	100		
134	24.0	10.9	32.6
91	32.4	13.9	41.6

