

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060818\
 Data File : VD058015.D
 Acq On : 8 Jun 2018 13:56
 Operator : VA/AP
 Sample : J3320-01RE
 Misc : 6.16g/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-0177RE

Quant Time: Jun 09 00:15:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 08:57:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	355414	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.69	114	503650	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.68	117	357014	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	182785	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	282669	79.55	ug/l	0.00
Spiked Amount 50.000			Recovery =	159.10%		
35) Dibromofluoromethane	5.54	113	243633	62.52	ug/l	-0.02
Spiked Amount 50.000			Recovery =	125.04%		
50) Toluene-d8	8.70	98	501199	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery =	108.20%		
62) 4-Bromofluorobenzene	11.92	95	209853	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.84%		

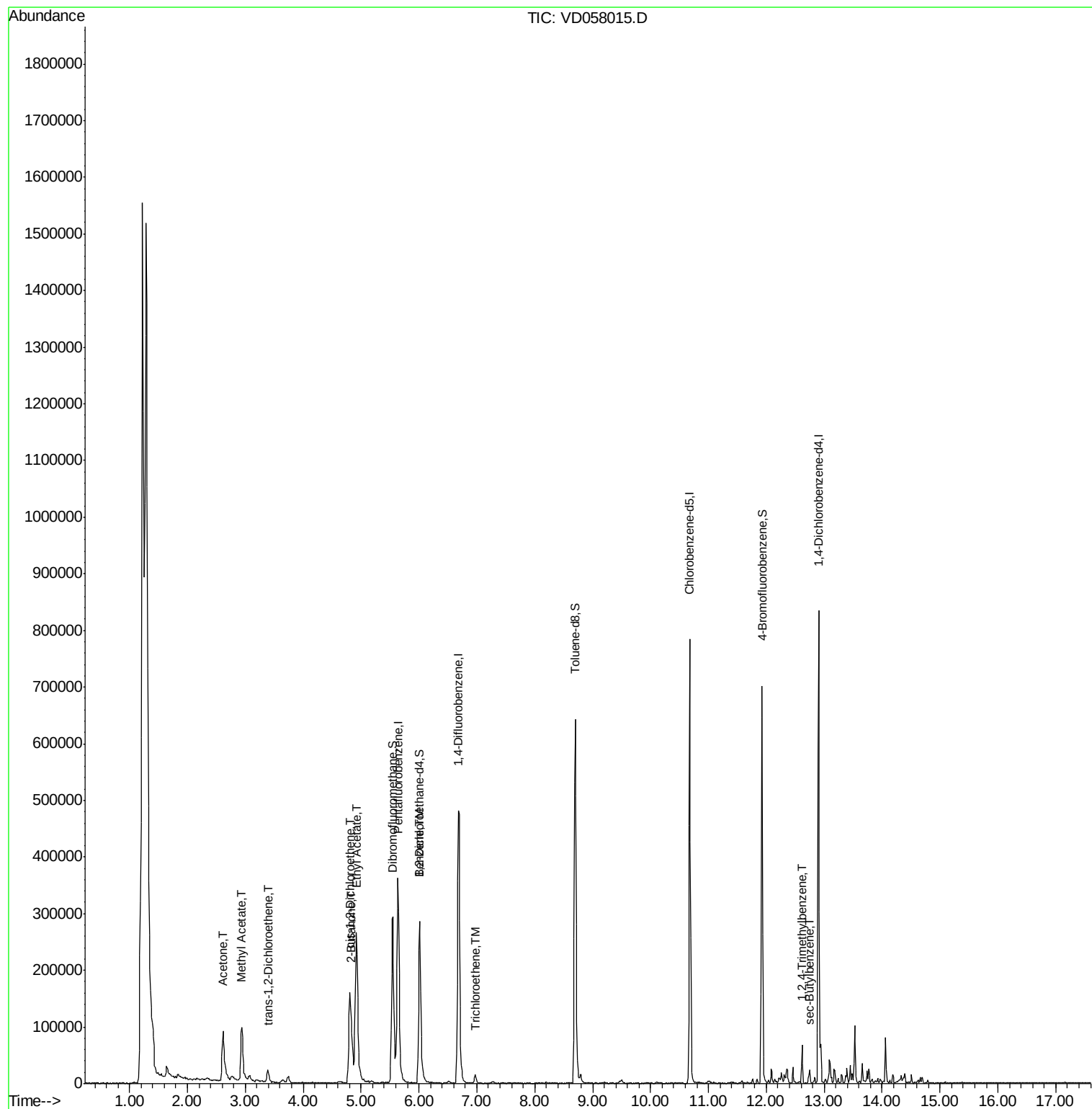
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.62	43	190495	372.11	ug/l	95
18) Methyl Acetate	2.94	43	194610	196.51	ug/l	97
21) trans-1,2-Dichloroethene	3.39	96	9830	3.10	ug/l #	70
25) 2-Butanone	4.83	43	78111	67.14	ug/l	97
27) cis-1,2-Dichloroethene	4.80	96	80929	21.49	ug/l	90
37) Ethyl Acetate	4.92	43	528371	174.51	ug/l	99
40) Benzene	6.01	78	13506	1.04	ug/l #	88
44) Trichloroethene	6.98	130	6534	1.73	ug/l	93
84) 1,2,4-Trimethylbenzene	12.62	105	26423	2.60	ug/l	98
85) sec-Butylbenzene	12.74	105	12985	1.01	ug/l	85

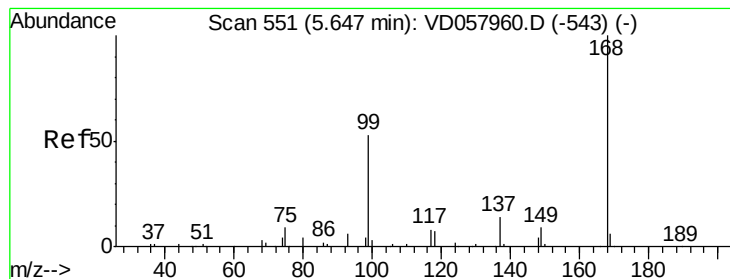
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD060818\
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Quant Time: Jun 09 00:15:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 08:57:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.01 min

Lab File: VD058015.D

Acq: 8 Jun 2018 13:56

Instrument :

MSVOA_D

ClientSampleId :

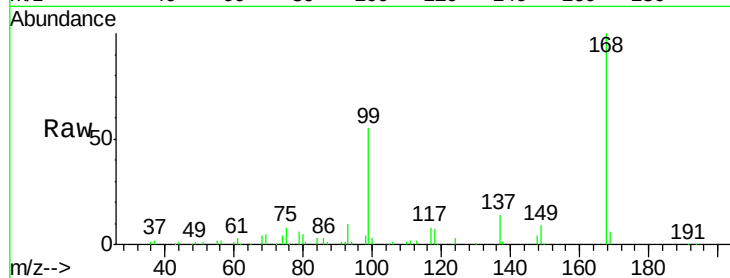
S39-0177RE

Tot Ion:168 Resp: 355414

Ion Ratio Lower Upper

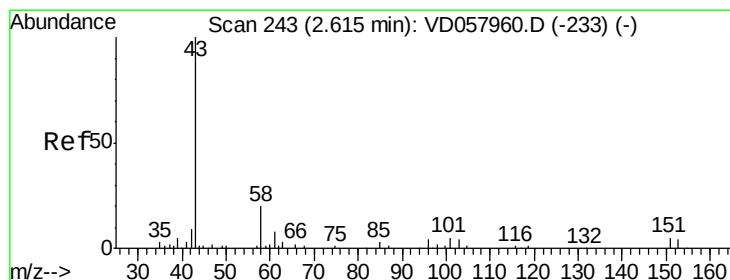
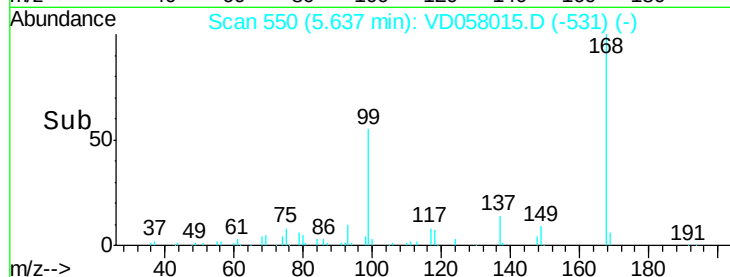
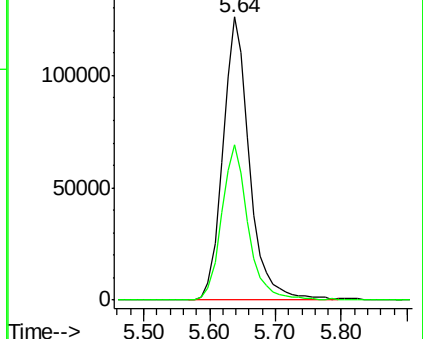
168 100

99 55.1 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 372.11 ug/l

RT: 2.62 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD058015.D

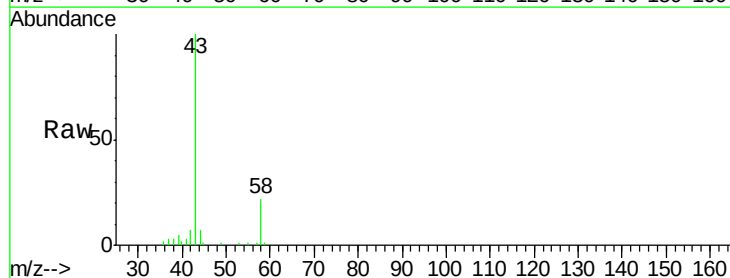
Acq: 8 Jun 2018 13:56

Tgt Ion: 43 Resp: 190495

Ion Ratio Lower Upper

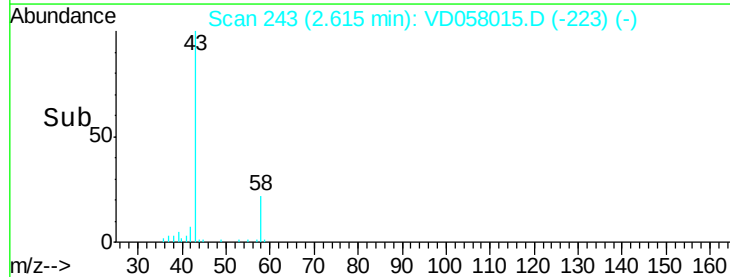
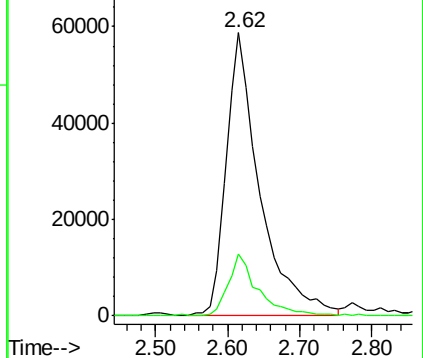
43 100

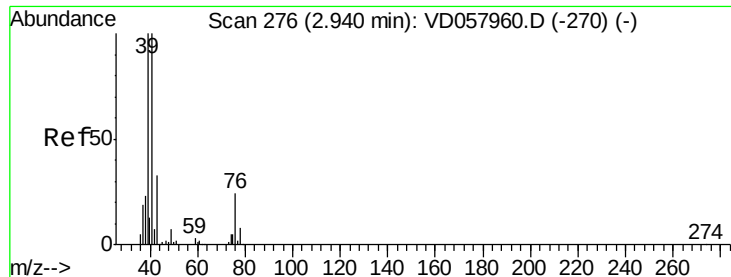
58 22.0 15.8 23.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

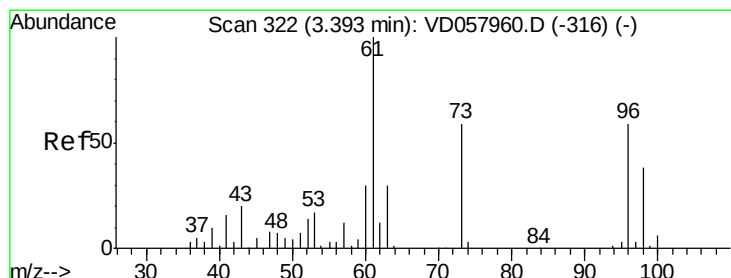
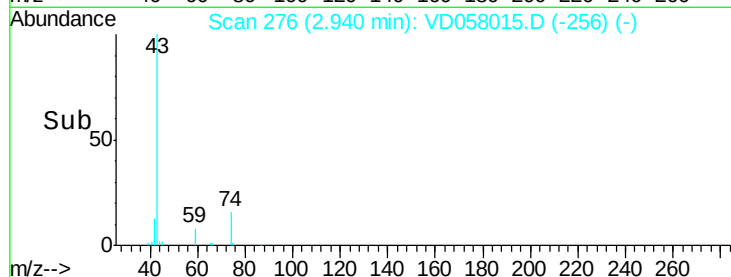
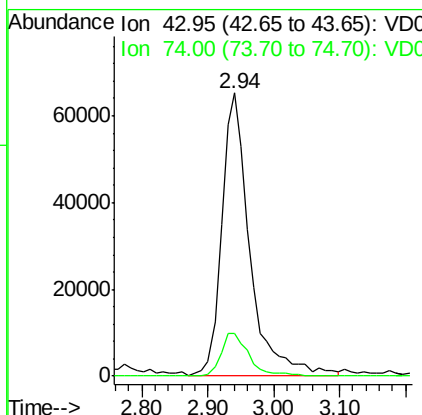
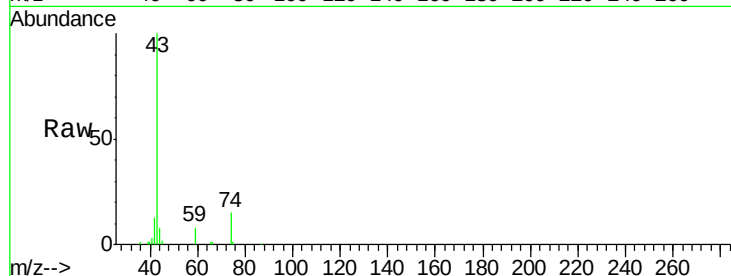




#18
Methyl Acetate
Concen: 196.51 ug/l
RT: 2.94 min Scan# 276
Delta R.T. -0.00 min
Lab File: VD058015.D
Acq: 8 Jun 2018 13:56

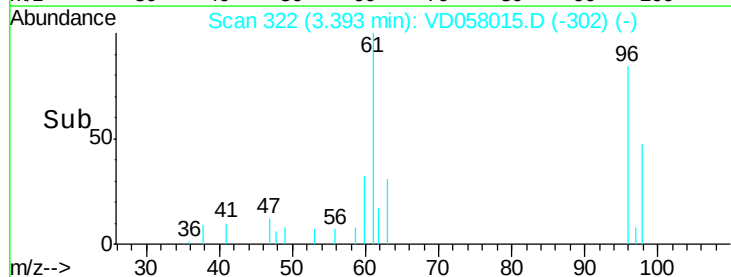
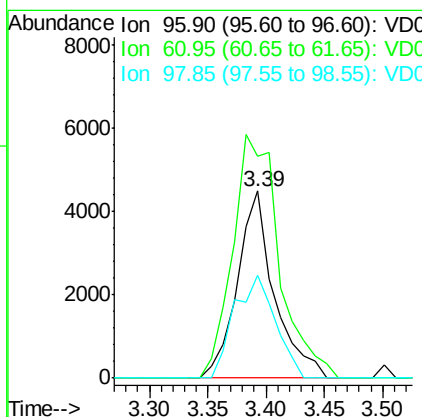
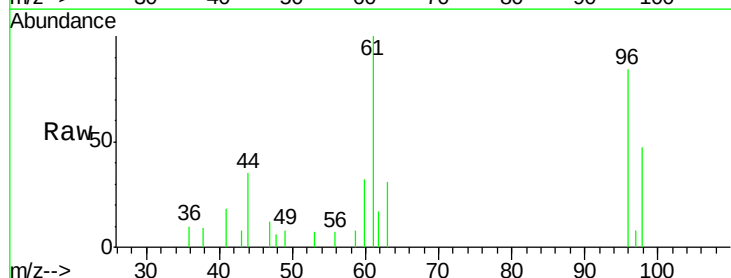
Instrument :
MSVOA_D
ClientSampleId :
S39-0177RE

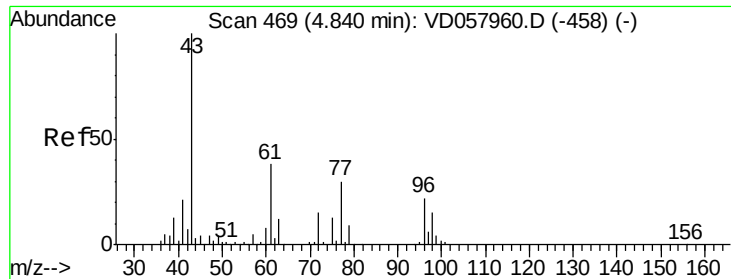
Tot Ion: 43 Resp: 194610
Ion Ratio Lower Upper
43 100
74 15.3 11.2 16.8



#21
trans-1,2-Dichloroethene
Concen: 3.10 ug/l
RT: 3.39 min Scan# 322
Delta R.T. -0.00 min
Lab File: VD058015.D
Acq: 8 Jun 2018 13:56

Tgt Ion: 96 Resp: 9830
Ion Ratio Lower Upper
96 100
61 118.9 135.2 202.8#
98 55.3 51.7 77.5





#25

2-Butanone

Concen: 67.14 ug/l

RT: 4.83 min Scan# 468

Delta R.T. -0.01 min

Lab File: VD058015.D

Acq: 8 Jun 2018 13:56

Instrument :

MSVOA_D

ClientSampleId :

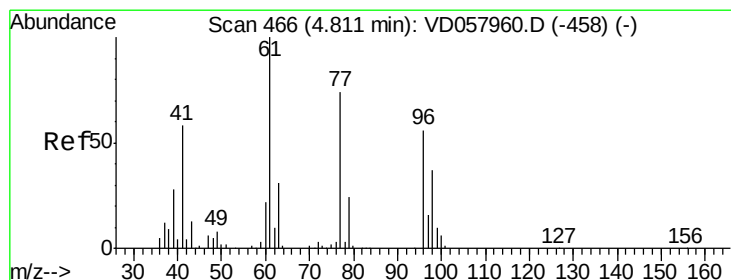
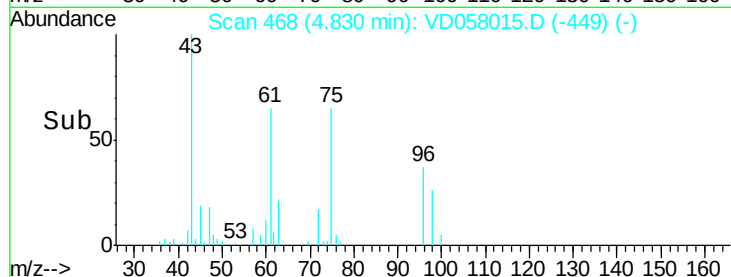
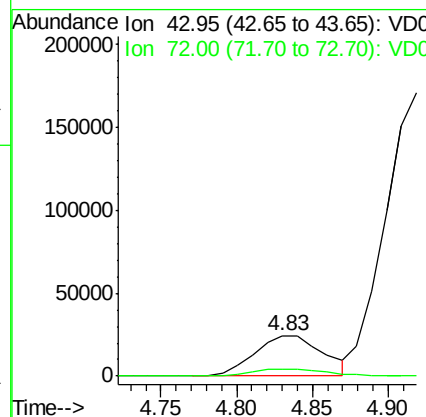
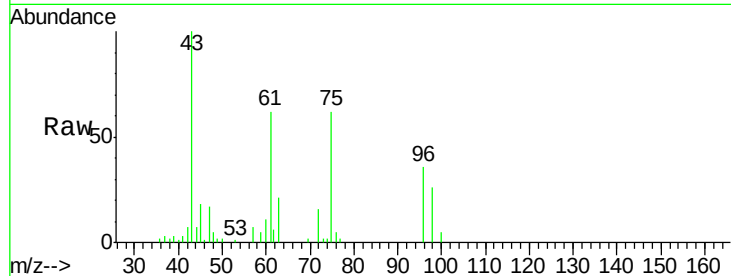
S39-0177RE

Tot Ion: 43 Resp: 78111

Ion Ratio Lower Upper

43 100

72 16.2 12.0 18.0



#27

cis-1,2-Dichloroethene

Concen: 21.49 ug/l

RT: 4.80 min Scan# 465

Delta R.T. -0.01 min

Lab File: VD058015.D

Acq: 8 Jun 2018 13:56

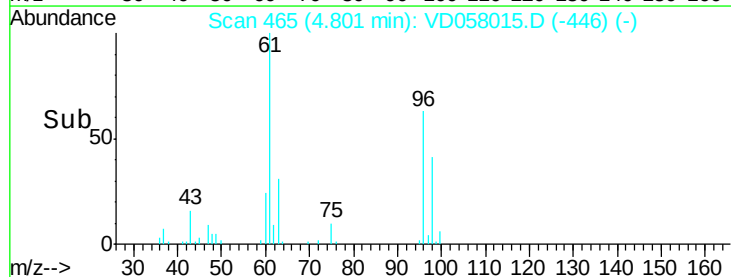
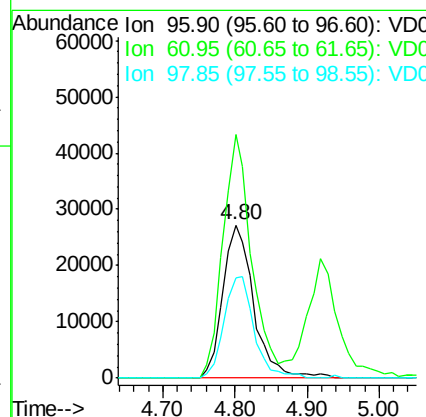
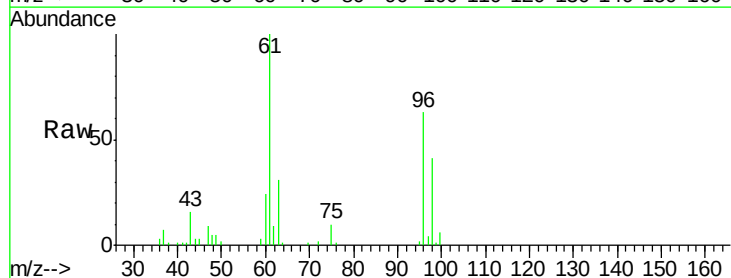
Tgt Ion: 96 Resp: 80929

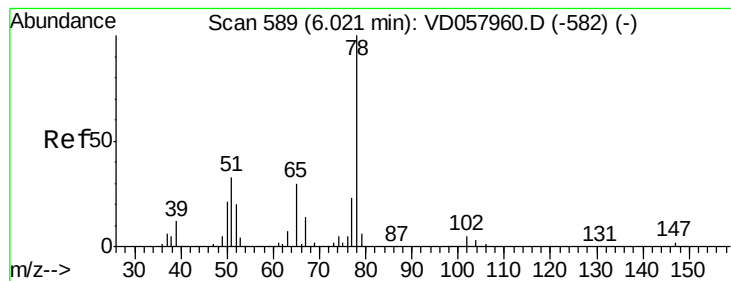
Ion Ratio Lower Upper

96 100

61 159.1 0.0 355.0

98 65.8 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058015.D

Acq: 8 Jun 2018 13:56

Instrument :

MSVOA_D

ClientSampleId :

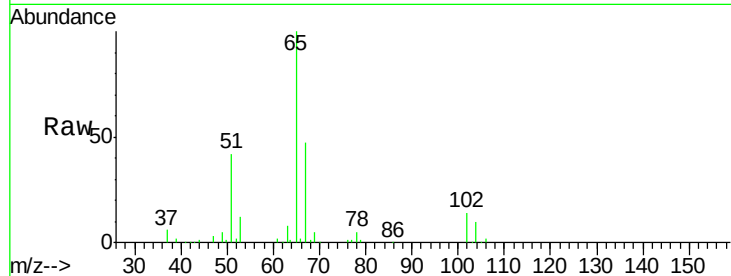
S39-0177RE

Tot Ion: 65 Resp: 282669

Ion Ratio Lower Upper

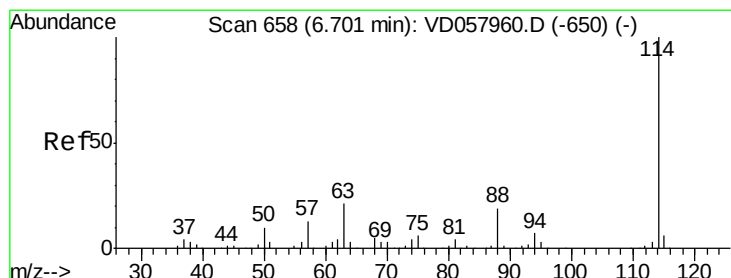
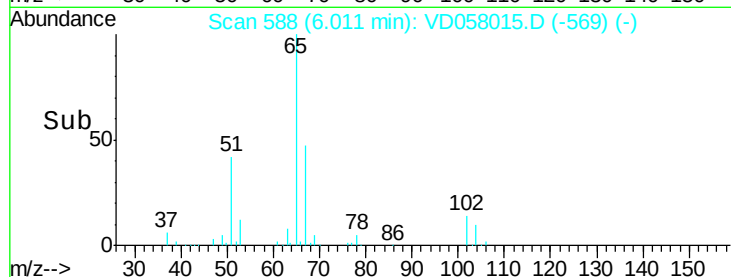
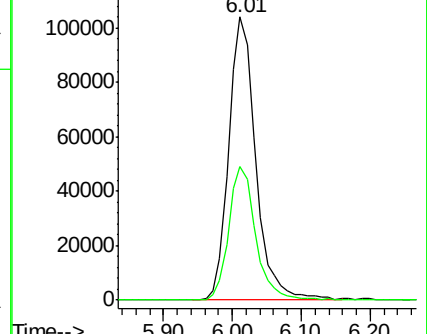
65 100

67 47.4 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.69 min Scan# 657

Delta R.T. -0.01 min

Lab File: VD058015.D

Acq: 8 Jun 2018 13:56

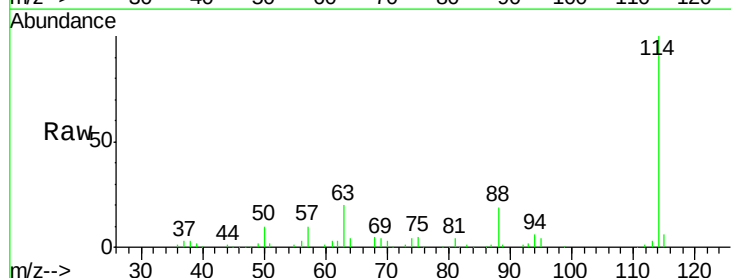
Tgt Ion: 114 Resp: 503650

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

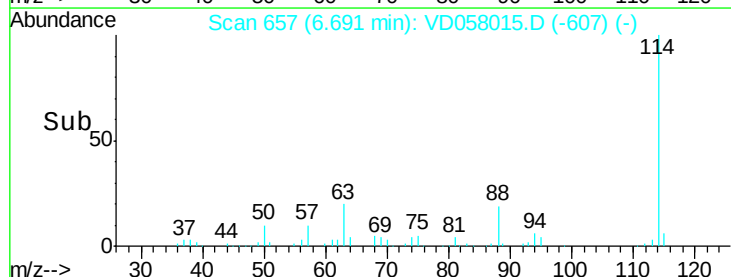
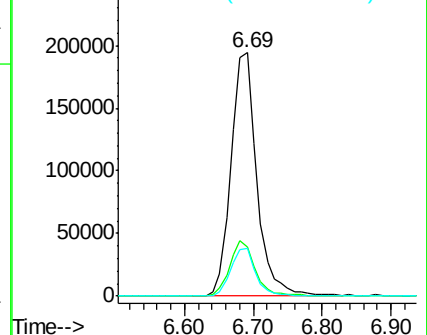
88 19.5 0.0 37.8

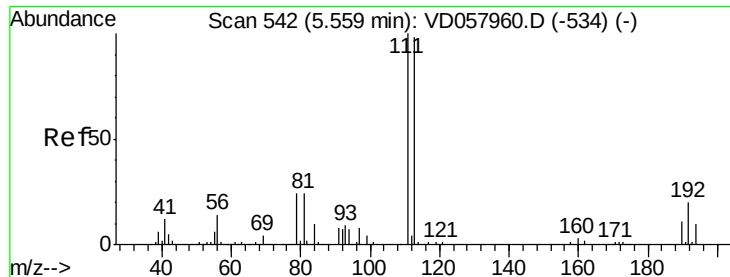


Abundance Ion 114.00 (113.70 to 114.70): VDC

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.02 min

Lab File: VD058015.D

Acq: 8 Jun 2018 13:56

Instrument :

MSVOA_D

ClientSampleId :

S39-0177RE

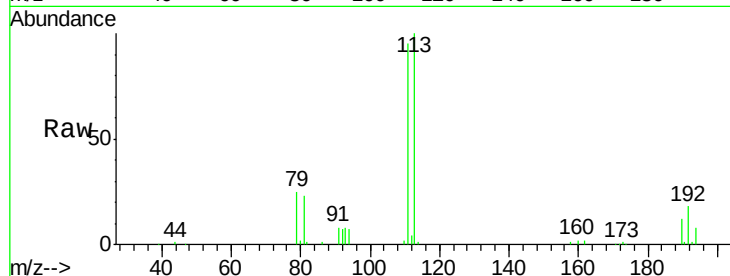
Tot Ion:113 Resp: 243633

Ion Ratio Lower Upper

113 100

111 95.4 81.5 122.3

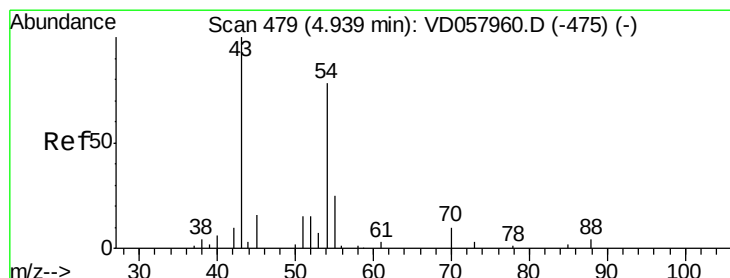
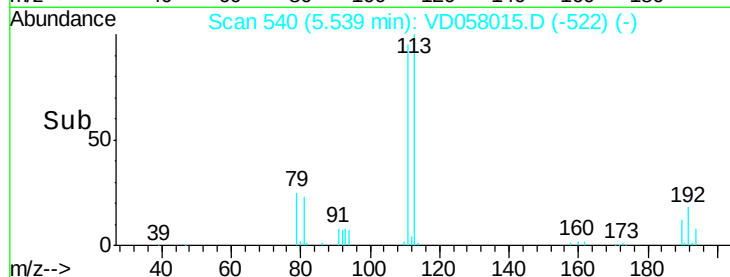
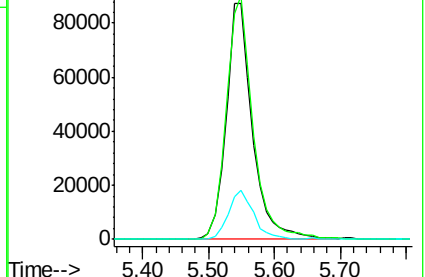
192 18.3 16.4 24.6



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



#37

Ethyl Acetate

Concen: 174.51 ug/l

RT: 4.92 min Scan# 477

Delta R.T. -0.02 min

Lab File: VD058015.D

Acq: 8 Jun 2018 13:56

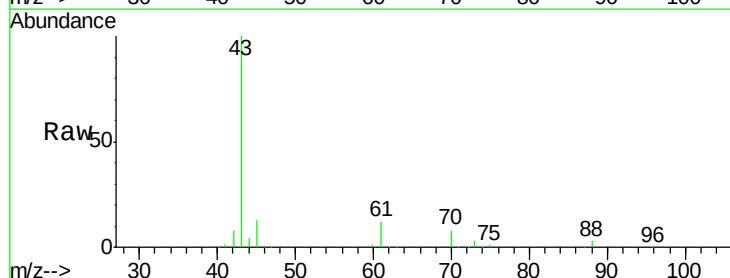
Tgt Ion: 43 Resp: 528371

Ion Ratio Lower Upper

43 100

61 12.5 9.9 14.9

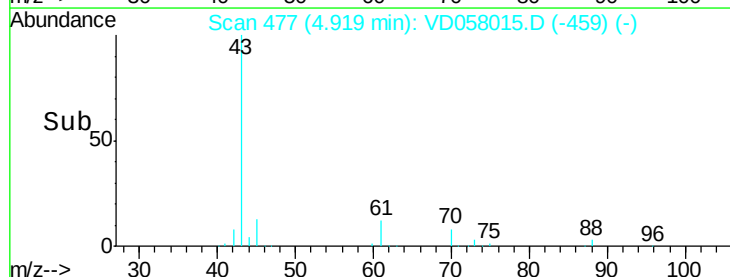
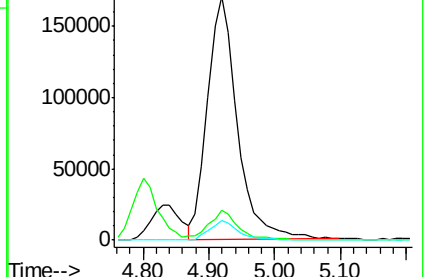
70 8.1 5.7 8.5

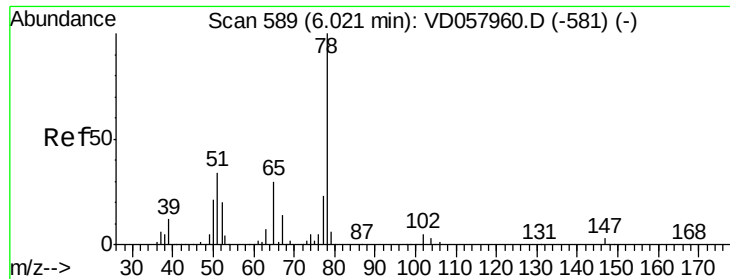


Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC





#40

Benzene

Concen: 1.04 ug/l

RT: 6.01 min Scan# 588

Delta R.T. -0.01 min

Lab File: VD058015.D

Acq: 8 Jun 2018 13:56

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MSVOA_D

ClientSampleId :

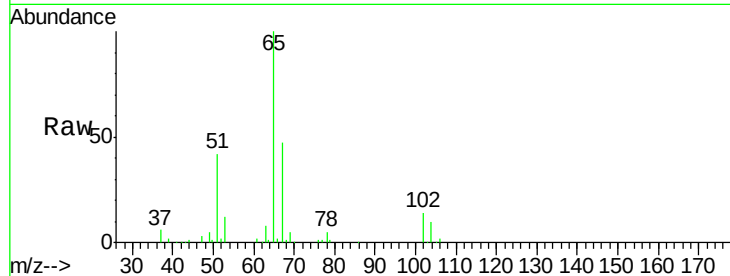
S39-0177RE

Tot Ion: 78 Resp: 13506

Ion Ratio Lower Upper

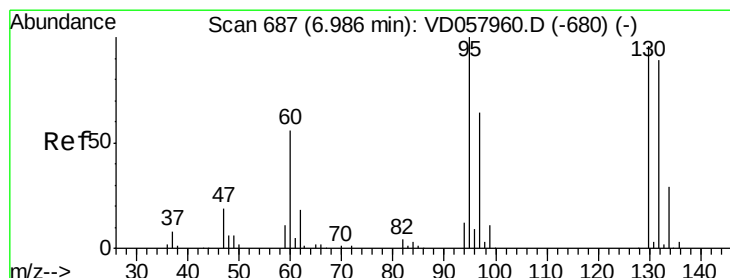
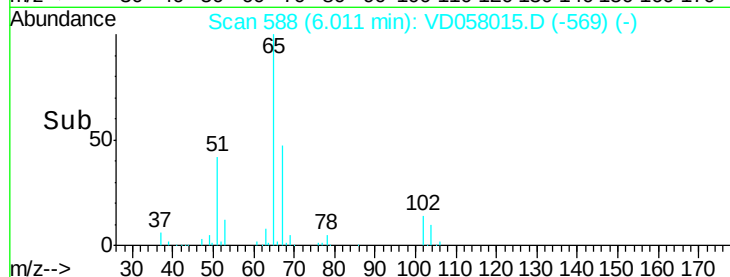
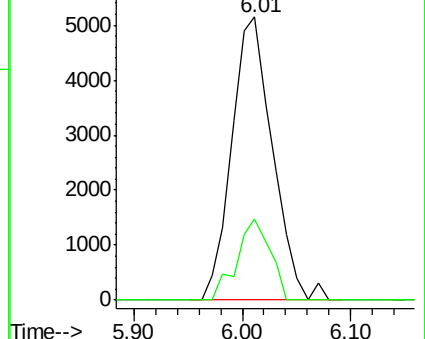
78 100

77 28.5 18.1 27.1#



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#44

Trichloroethene

Concen: 1.73 ug/l

RT: 6.98 min Scan# 686

Delta R.T. -0.01 min

Lab File: VD058015.D

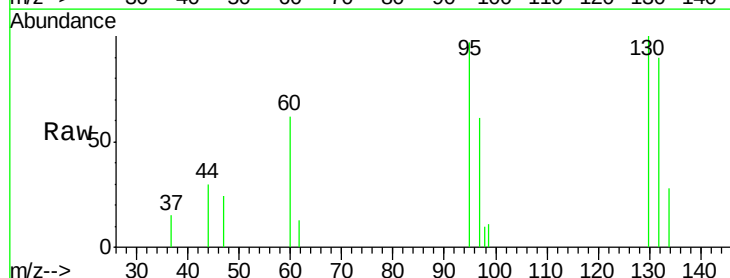
Acq: 8 Jun 2018 13:56

Tgt Ion:130 Resp: 6534

Ion Ratio Lower Upper

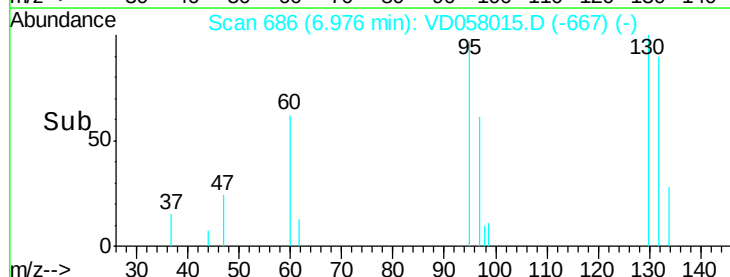
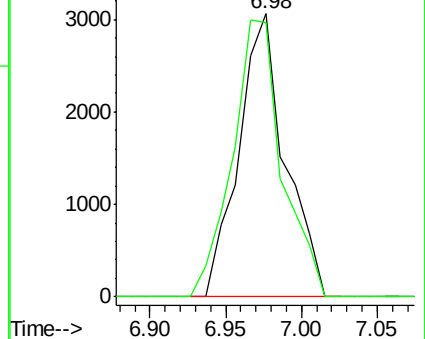
130 100

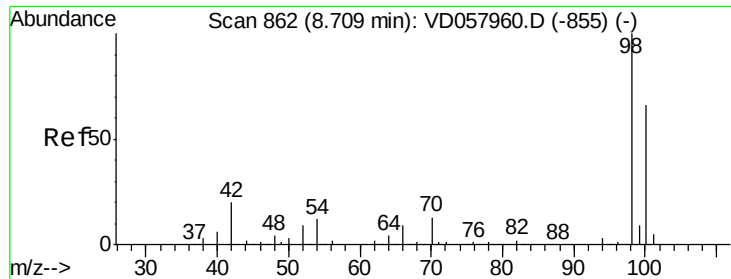
95 96.9 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC

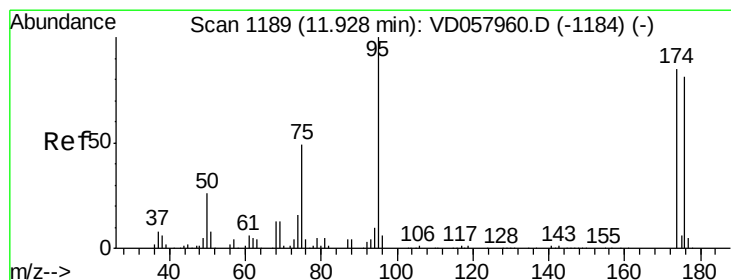
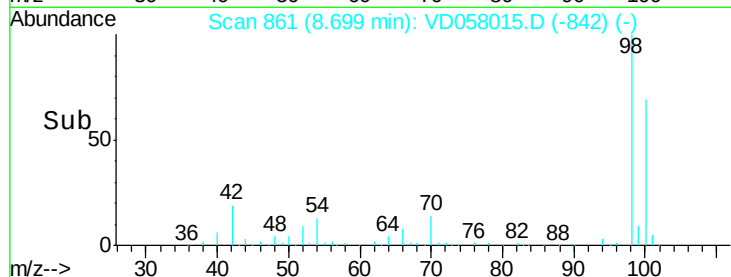
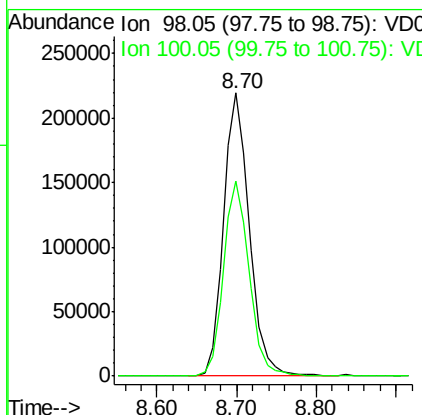
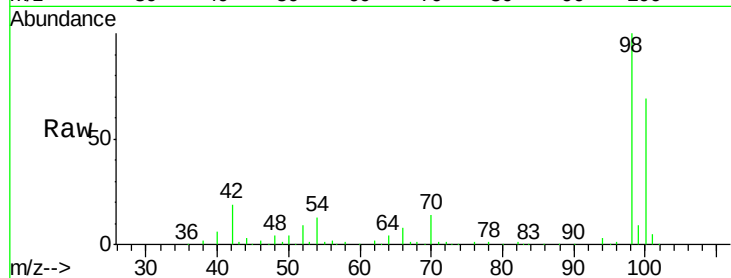




#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.70 min Scan# 861
Delta R.T. -0.01 min
Lab File: VD058015.D
Acq: 8 Jun 2018 13:56

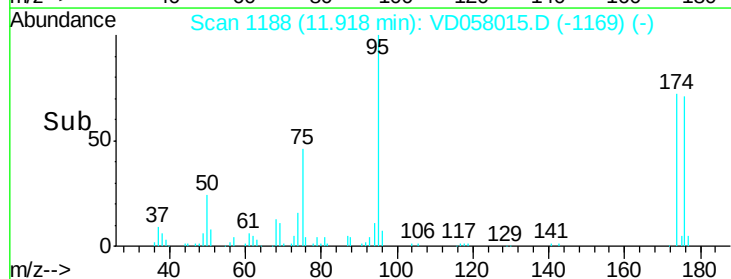
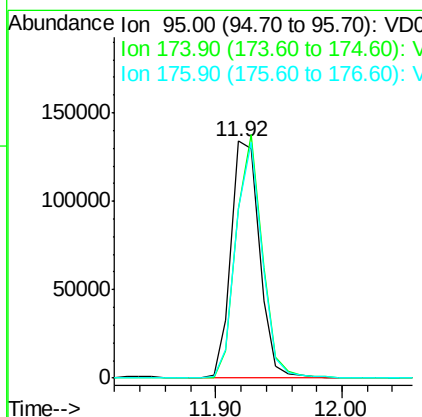
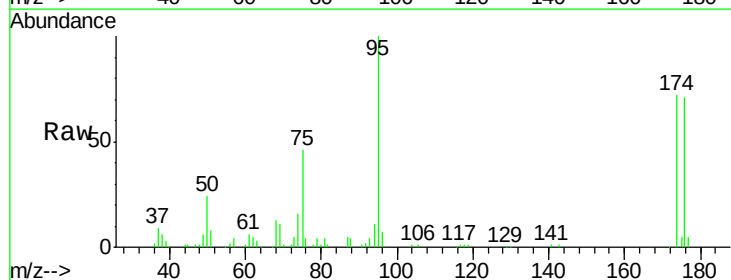
Instrument :
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S39-0177RE

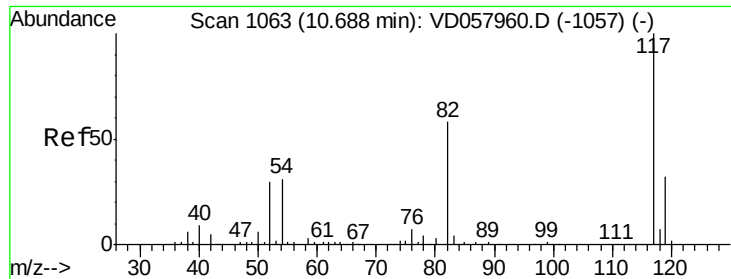
Tot Ion: 98 Resp: 501199
Ion Ratio Lower Upper
98 100
100 69.0 53.4 80.0



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1188
Delta R.T. -0.01 min
Lab File: VD058015.D
Acq: 8 Jun 2018 13:56

Tgt Ion: 95 Resp: 209853
Ion Ratio Lower Upper
95 100
174 71.6 0.0 169.4
176 71.4 0.0 162.6

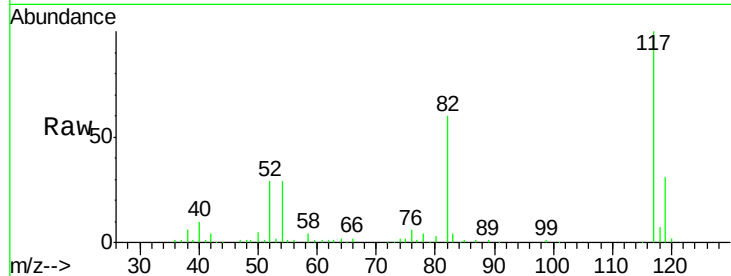




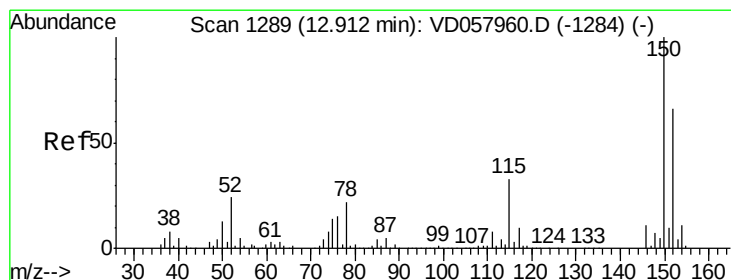
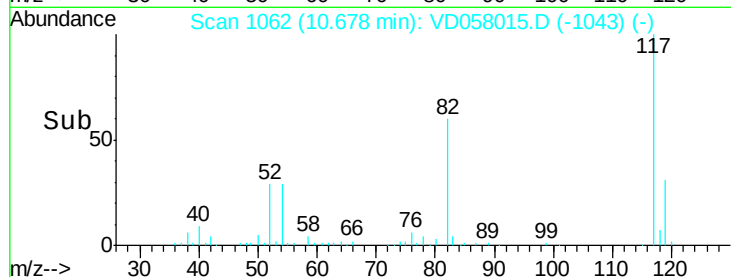
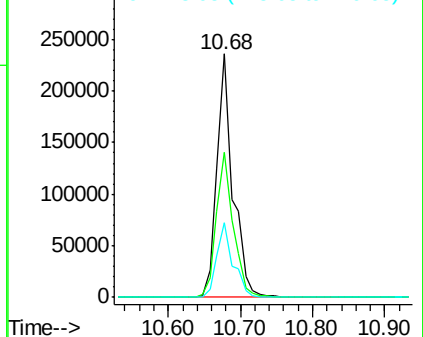
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. -0.01 min
Lab File: VD058015.D
Acq: 8 Jun 2018 13:56

Instrument :
MSVOA_D
ClientSampleId :
S39-0177RE

Tot Ion:117 Resp: 357014
Ion Ratio Lower Upper
117 100
82 59.8 46.8 70.2
119 30.5 25.8 38.6

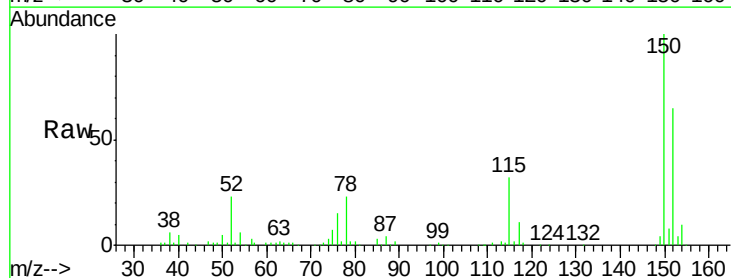


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

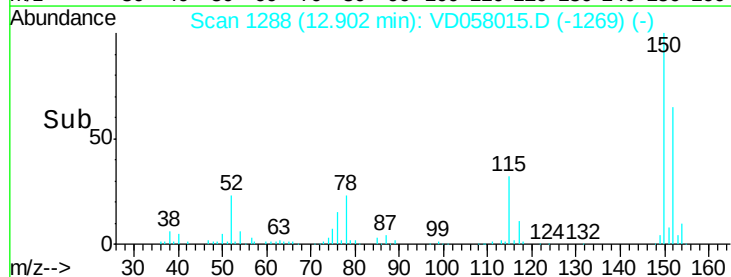
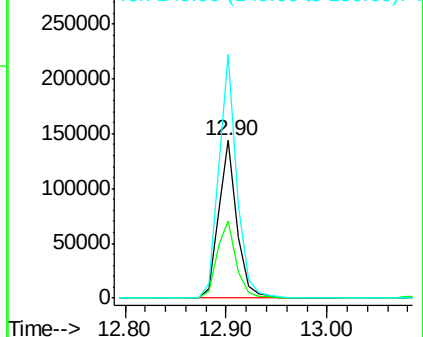


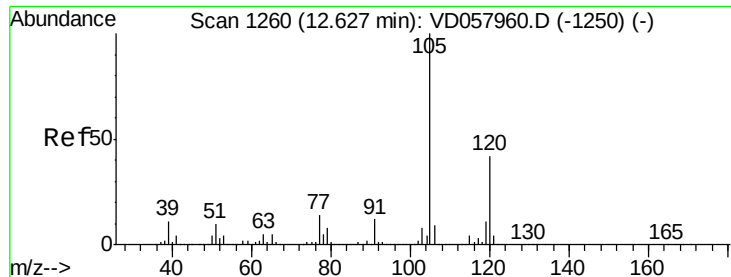
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058015.D
Acq: 8 Jun 2018 13:56

Tgt Ion:152 Resp: 182785
Ion Ratio Lower Upper
152 100
115 49.1 25.6 76.6
150 154.3 0.0 306.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

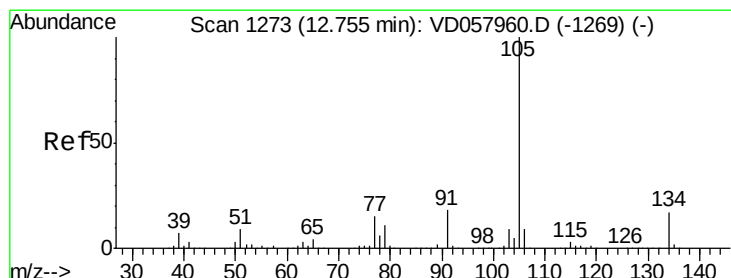
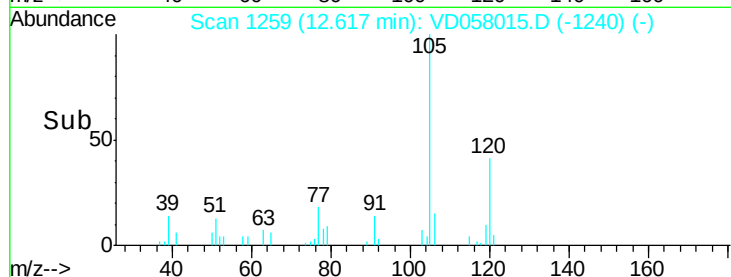
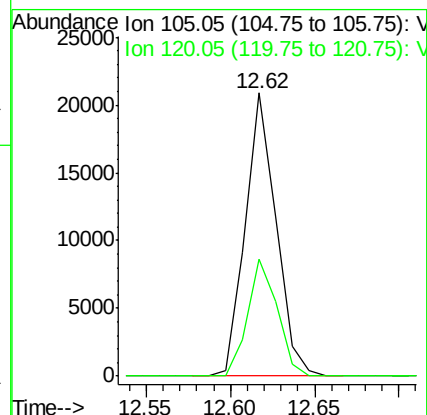
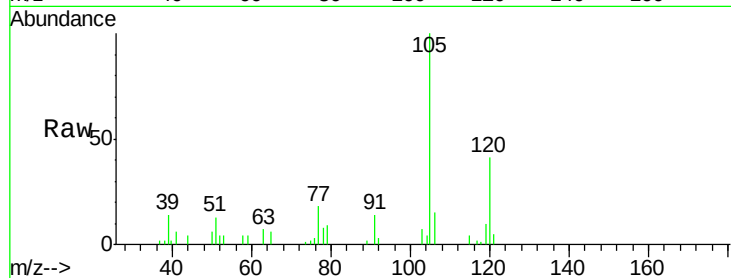




#84
 1,2,4-Trimethylbenzene
 Concen: 2.60 ug/l
 RT: 12.62 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VD058015.D
 Acq: 8 Jun 2018 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 S39-0177RE

Tot Ion:105 Resp: 26423
 Ion Ratio Lower Upper
 105 100
 120 41.4 21.2 63.6



#85
 sec-Butylbenzene
 Concen: 1.01 ug/l
 RT: 12.74 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: VD058015.D
 Acq: 8 Jun 2018 13:56

Tgt Ion:105 Resp: 12985
 Ion Ratio Lower Upper
 105 100
 134 23.3 8.3 25.1

