

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062118\
 Data File : VD058287.D
 Acq On : 22 Jun 2018 9:58
 Operator : VA/AP
 Sample : J3582-06RE
 Misc : 5.54g/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SSP-B-3-GRABRE

Quant Time: Jun 22 10:53:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	525876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.69	114	747754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.69	117	533395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	208012	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.02	65	345560	65.06	ug/l	0.00
Spiked Amount			Recovery	=	130.12%	
35) Dibromofluoromethane	5.55	113	273058	44.87	ug/l	0.00
Spiked Amount			Recovery	=	89.74%	
50) Toluene-d8	8.71	98	699691	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	
62) 4-Bromofluorobenzene	11.93	95	239284	39.78	ug/l	0.00
Spiked Amount			Recovery	=	79.56%	

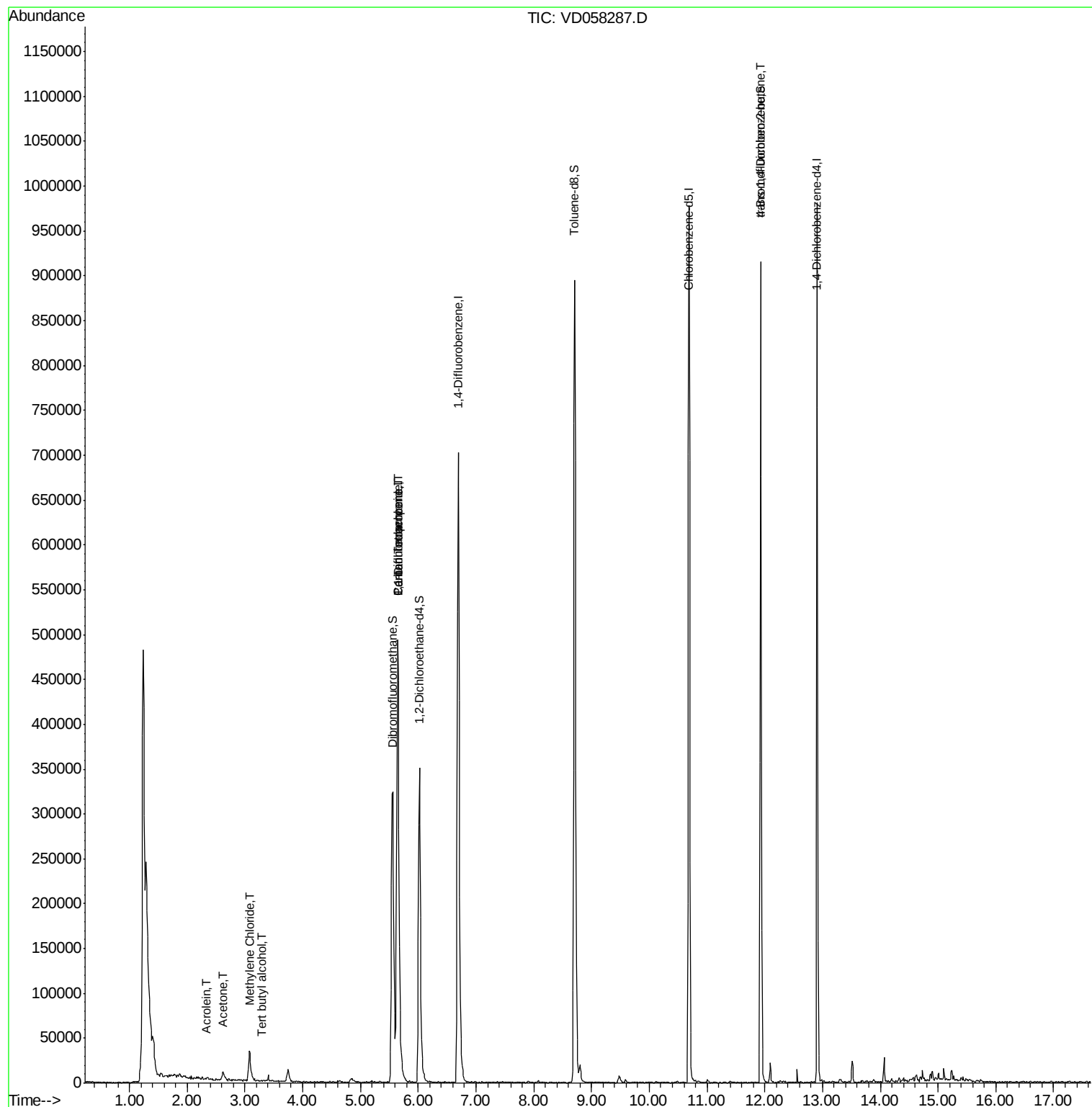
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	208	Below Cal	#	43
3) Chloromethane	1.49	50	186	Below Cal	#	43
5) Bromomethane	1.80	94	196	Below Cal	#	3
11) Tert butyl alcohol	3.28	59	187	1.07	ug/l	78
13) Acrolein	2.33	56	183	1.83	ug/l	11
16) Acetone	2.62	43	22679	31.22	ug/l	96
20) Methylene Chloride	3.08	84	16077	4.10	ug/l	77
31) Cyclohexane	5.65	56	12772	Below Cal	#	1
36) 1,1-Dichloropropene	5.64	75	44252	5.98	ug/l	50
38) Carbon Tetrachloride	5.65	117	43076	5.86	ug/l	16
81) trans-1,4-Dichloro-2-buten	11.93	75	122481	165.36	ug/l	1
82) 4-Chlorotoluene	12.33	91	251	Below Cal	#	45

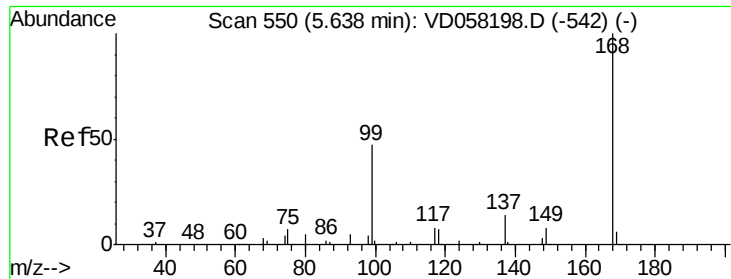
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062118\
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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

Instrument :

MSVOA_D

ClientSampleId :

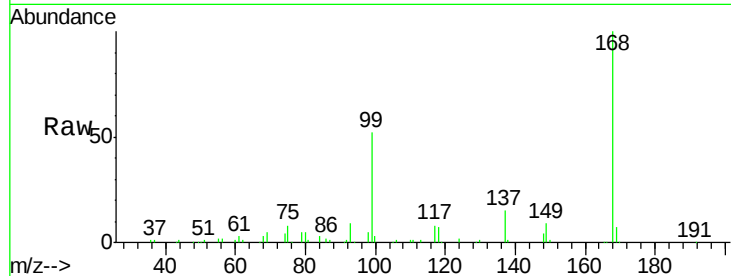
SSP-B-3-GRABRE

Tot Ion:168 Resp: 525876

Ion Ratio Lower Upper

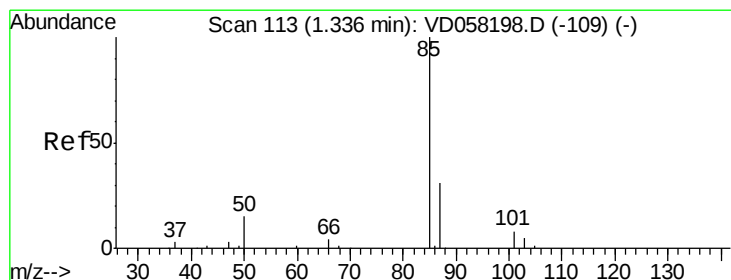
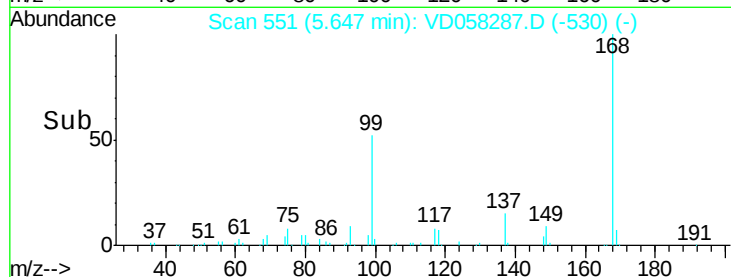
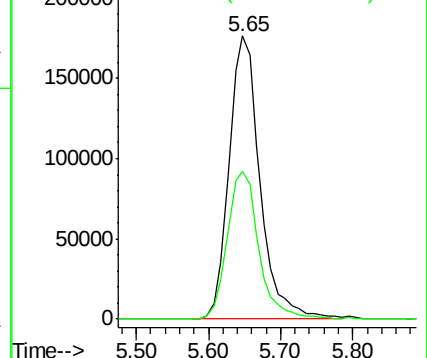
168 100

99 52.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.35 min Scan# 115

Delta R.T. 0.02 min

Lab File: VD058287.D

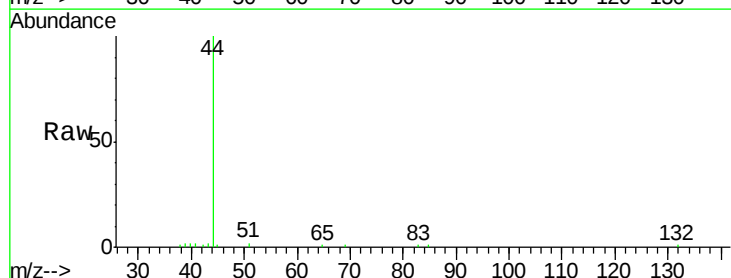
Acq: 22 Jun 2018 9:58

Tgt Ion: 85 Resp: 208

Ion Ratio Lower Upper

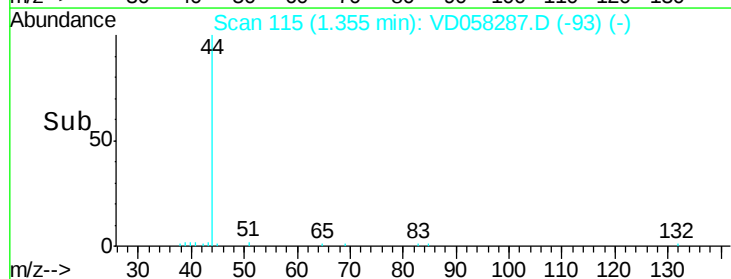
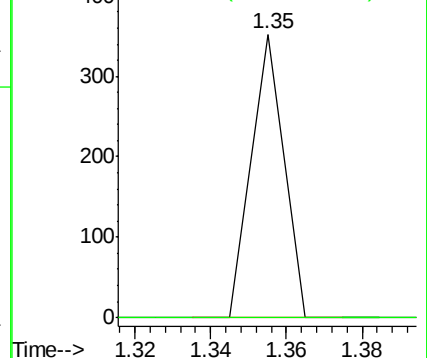
85 100

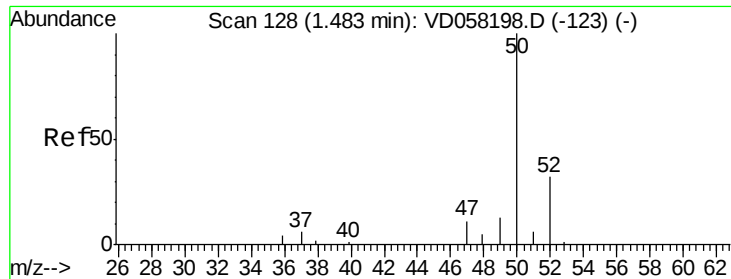
87 0.0 15.7 47.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

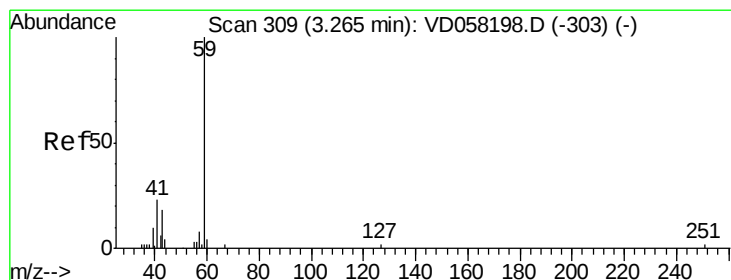
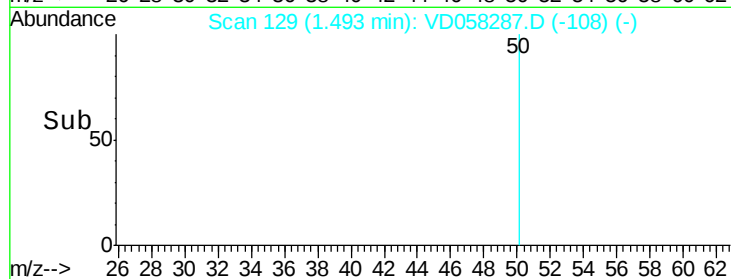
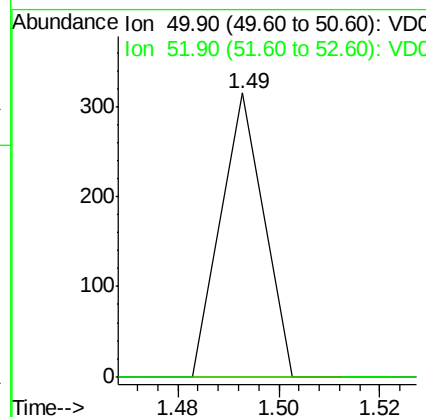
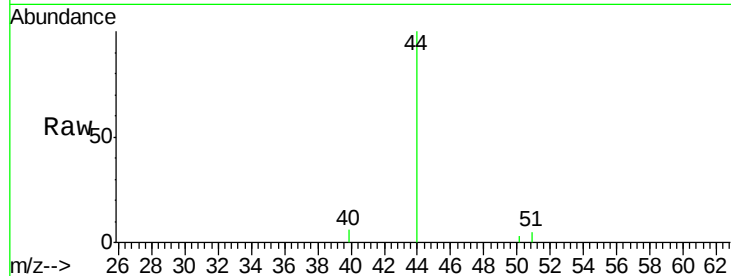




#3
 Chloromethane
 Concen: Below Cal
 RT: 1.49 min Scan# 129
 Delta R.T. 0.01 min
 Lab File: VD058287.D
 Acq: 22 Jun 2018 9:58

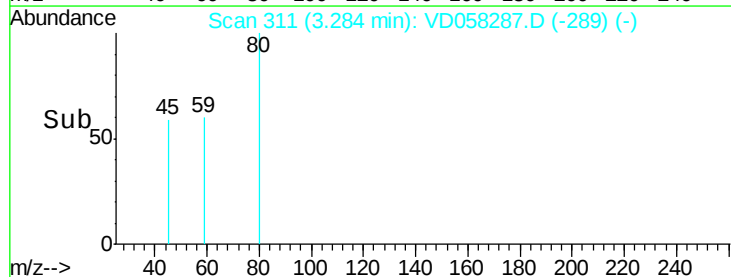
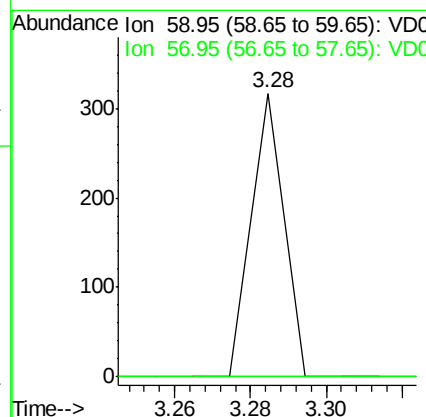
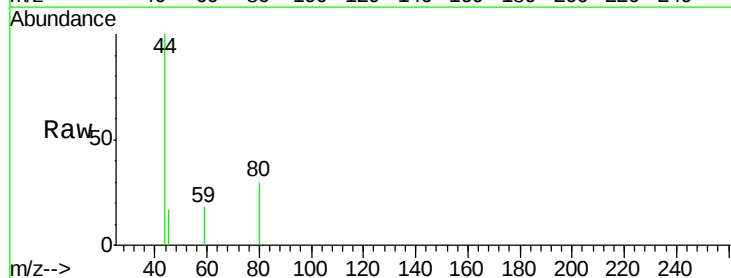
Instrument :
 MSVOA_D
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 SSP-B-3-GRABRE

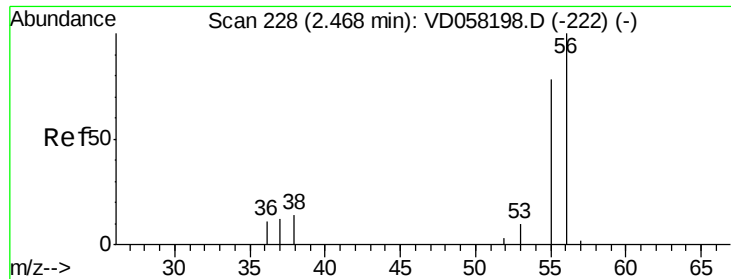
Tot Ion: 50 Resp: 186
 Ion Ratio Lower Upper
 50 100
 52 0.0 25.0 37.4#



#11
 Tert butyl alcohol
 Concen: 1.07 ug/l
 RT: 3.28 min Scan# 311
 Delta R.T. 0.02 min
 Lab File: VD058287.D
 Acq: 22 Jun 2018 9:58

Tgt Ion: 59 Resp: 187
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.2 9.4#





#13

Acrolein

Concen: 1.83 ug/l

RT: 2.33 min Scan# 214

Delta R.T. -0.14 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

Instrument :

MSVOA_D

ClientSampleId :

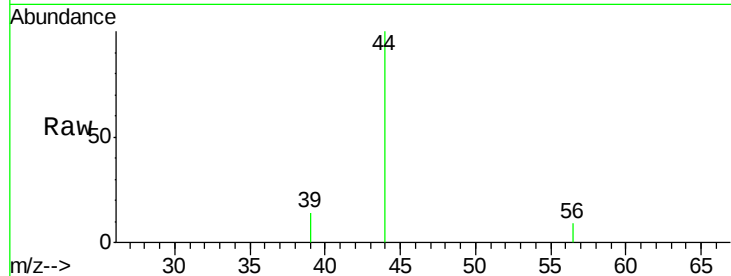
SSP-B-3-GRABRE

Tot Ion: 56 Resp: 183

Ion Ratio Lower Upper

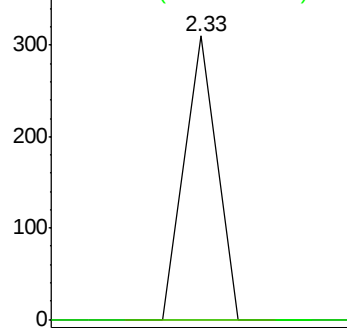
56 100

55 0.0 62.1 93.1#

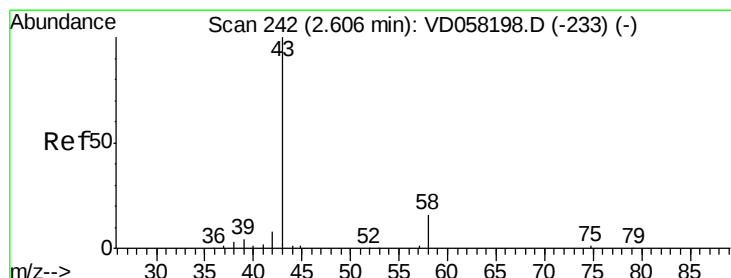
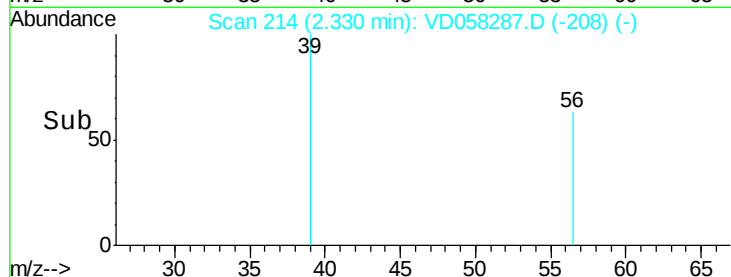


Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



Time-->



#16

Acetone

Concen: 31.22 ug/l

RT: 2.62 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD058287.D

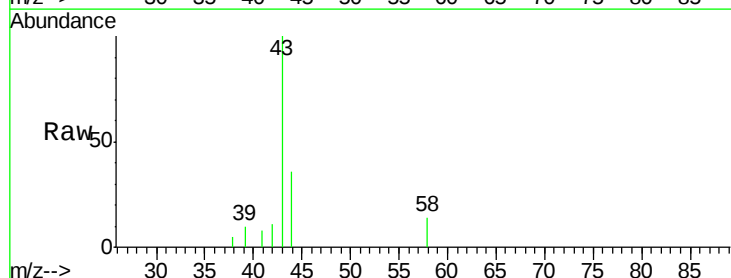
Acq: 22 Jun 2018 9:58

Tgt Ion: 43 Resp: 22679

Ion Ratio Lower Upper

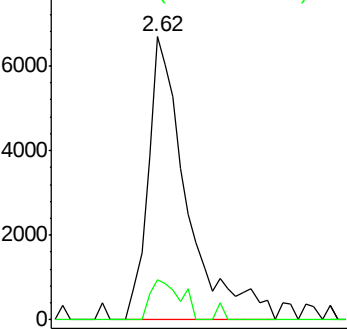
43 100

58 14.2 12.7 19.1

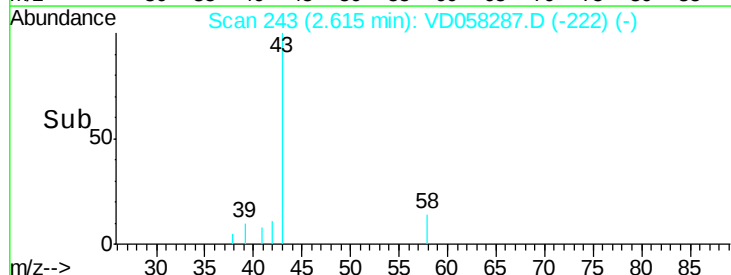


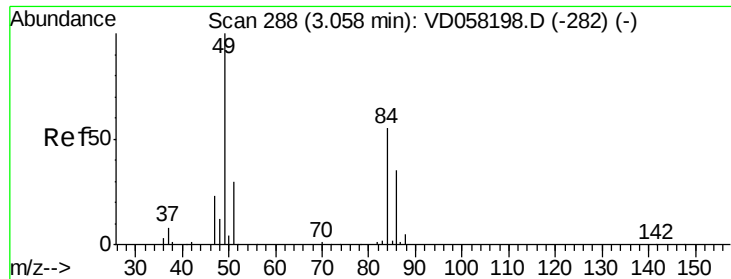
Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



Time-->

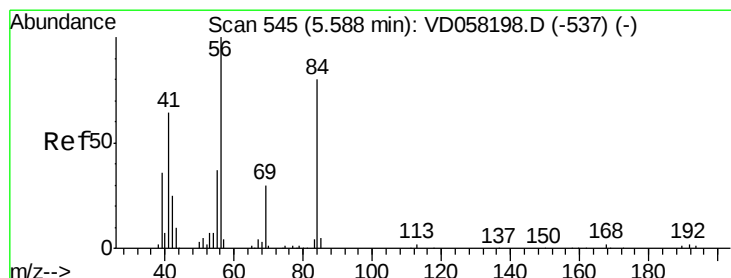
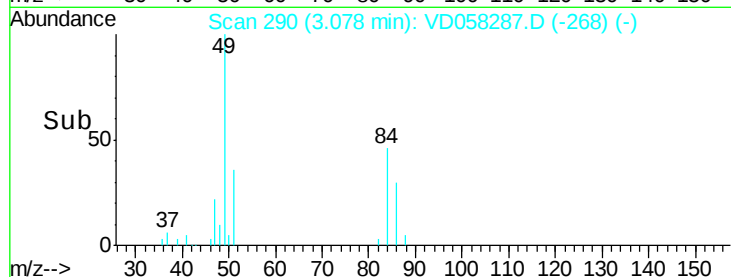
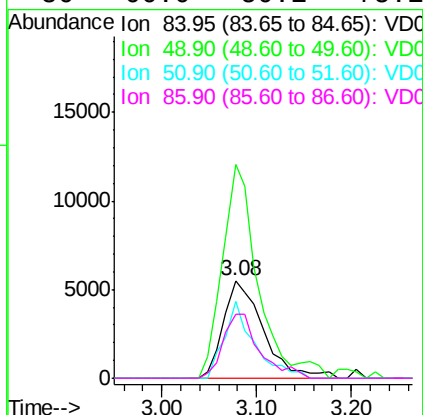
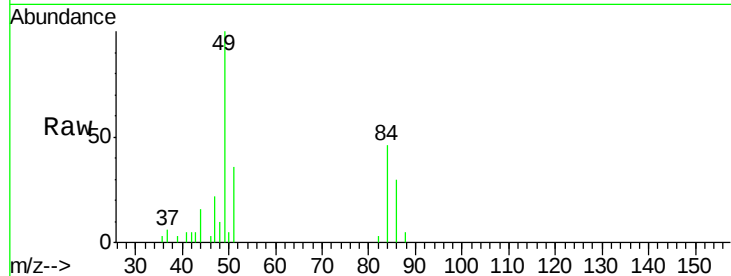




#20
Methvlene Chloride
Concen: 4.10 uq/l
RT: 3.08 min Scan# 290
Delta R.T. 0.02 min
Lab File: VD058287.D
Acq: 22 Jun 2018 9:58

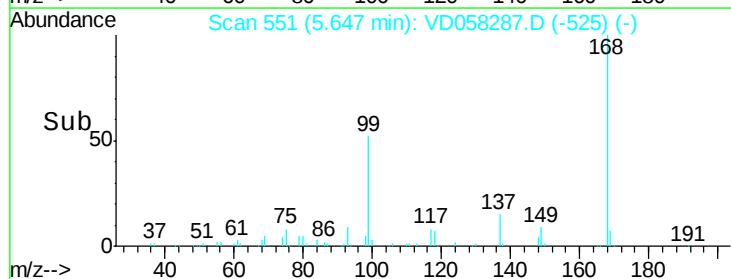
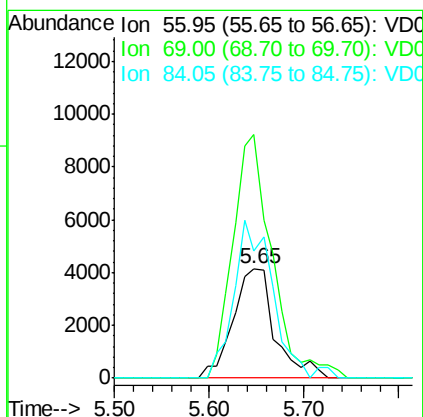
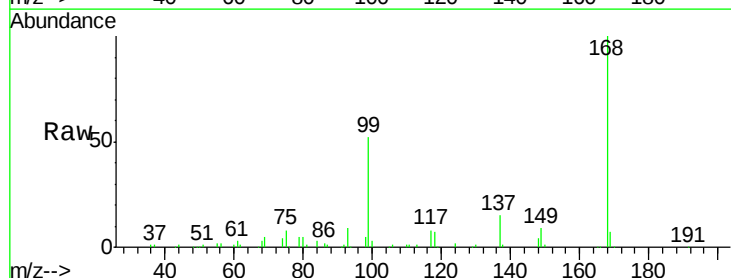
Instrument :
MSVOA_D
ClientSampleId :
SSP-B-3-GRABRE

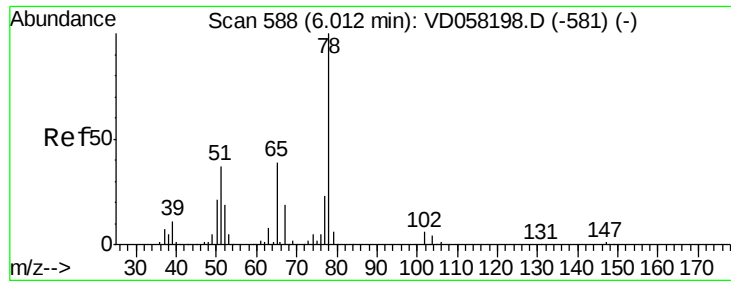
Tot Ion: 84 Resp: 16077
Ion Ratio Lower Upper
84 100
49 219.2 145.0 217.6#
51 78.7 42.9 64.3#
86 66.0 50.1 75.1



#31
Cyclohexane
Concen: Below Cal
RT: 5.65 min Scan# 551
Delta R.T. 0.06 min
Lab File: VD058287.D
Acq: 22 Jun 2018 9:58

Tgt Ion: 56 Resp: 12772
Ion Ratio Lower Upper
56 100
69 222.8 23.6 35.4#
84 116.7 65.2 97.8#

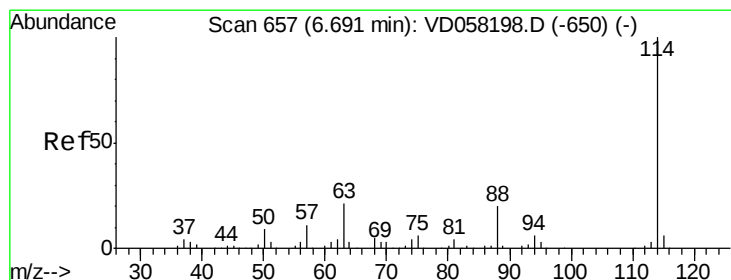
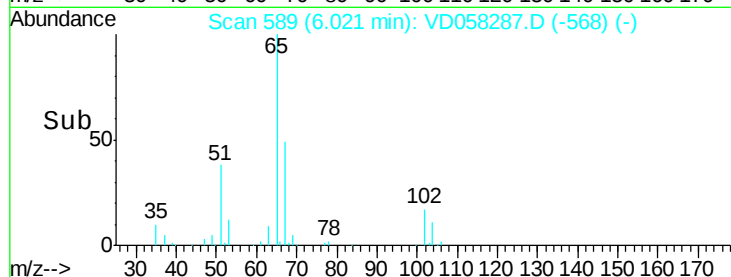
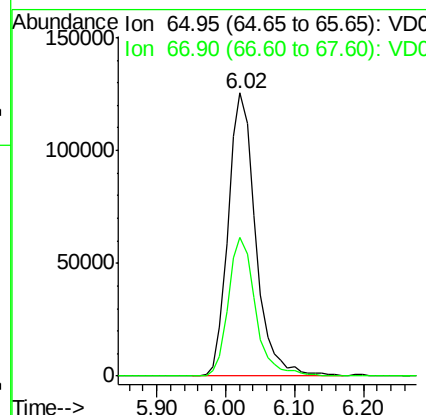
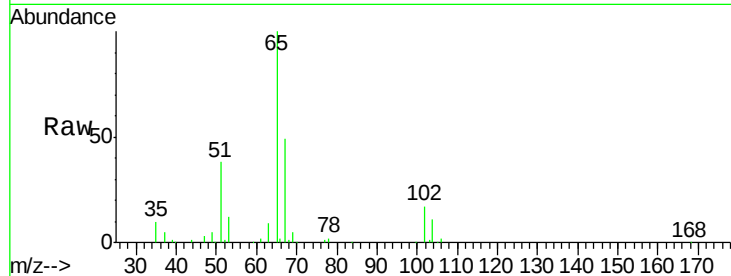




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.02 min Scan# 589
 Delta R.T. 0.01 min
 Lab File: VD058287.D
 Acq: 22 Jun 2018 9:58

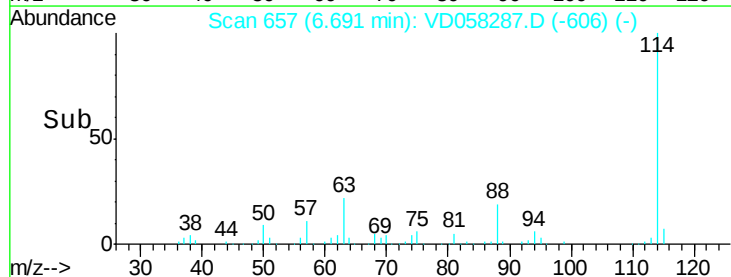
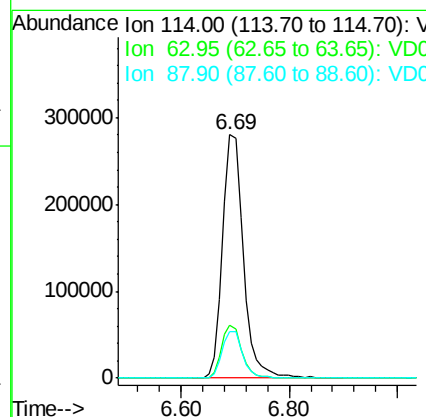
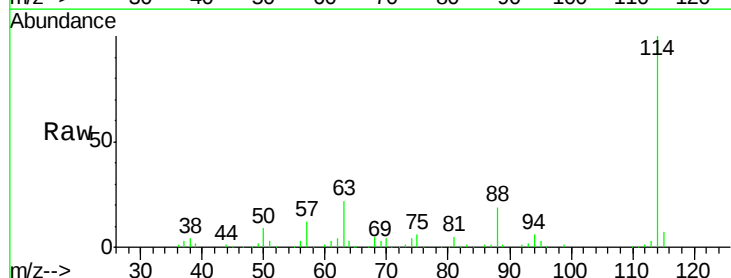
Instrument :
 MSVOA_D
 ClientSampleId :
 SSP-B-3-GRABRE

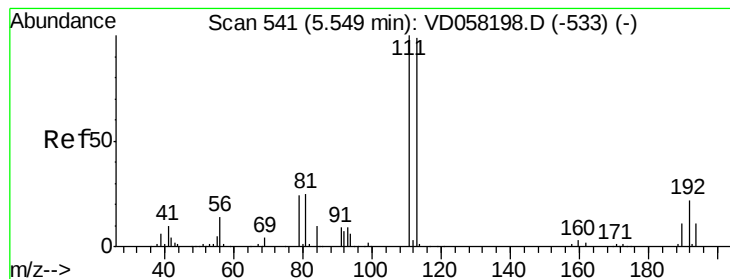
Tot Ion: 65 Resp: 345560
 Ion Ratio Lower Upper
 65 100
 67 49.2 0.0 97.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.69 min Scan# 657
 Delta R.T. -0.00 min
 Lab File: VD058287.D
 Acq: 22 Jun 2018 9:58

Tgt Ion: 114 Resp: 747754
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 42.6
 88 19.1 0.0 40.6





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.55 min Scan# 541

Delta R.T. -0.00 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

Instrument :

MSVOA_D

ClientSampleId :

SSP-B-3-GRABRE

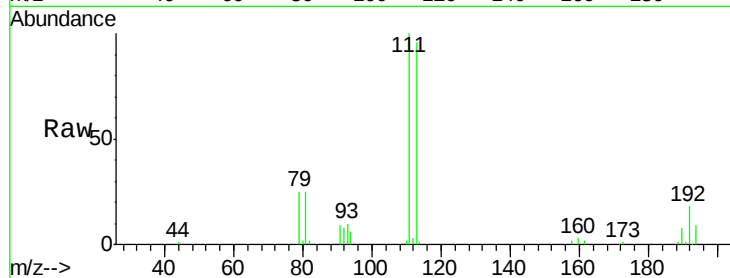
Tot Ion:113 Resp: 273058

Ion Ratio Lower Upper

113 100

111 104.0 80.6 121.0

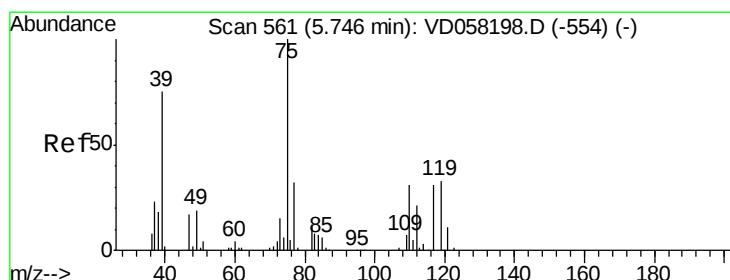
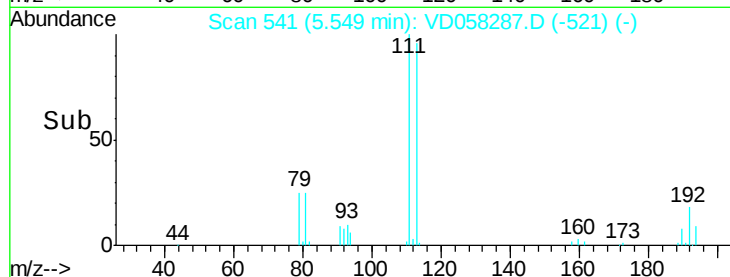
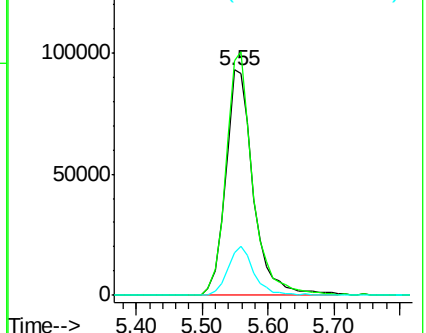
192 19.2 17.8 26.6



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



#36

1,1-Dichloropropene

Concen: 5.98 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.11 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

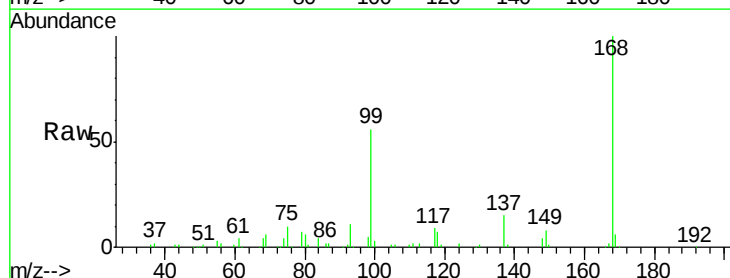
Tgt Ion: 75 Resp: 44252

Ion Ratio Lower Upper

75 100

110 7.0 15.4 46.4#

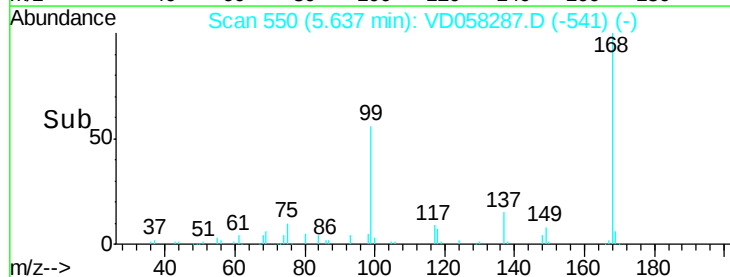
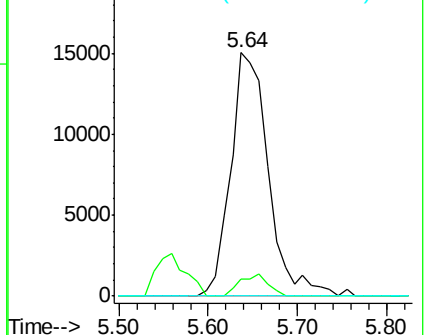
77 0.0 25.4 38.2#

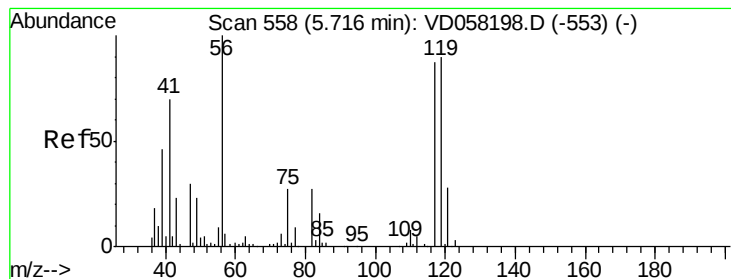


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): VDC





#38

Carbon Tetrachloride

Concen: 5.86 ug/l

RT: 5.65 min Scan# 551

Delta R.T. -0.07 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

Instrument :

MSVOA_D

ClientSampleId :

SSP-B-3-GRABRE

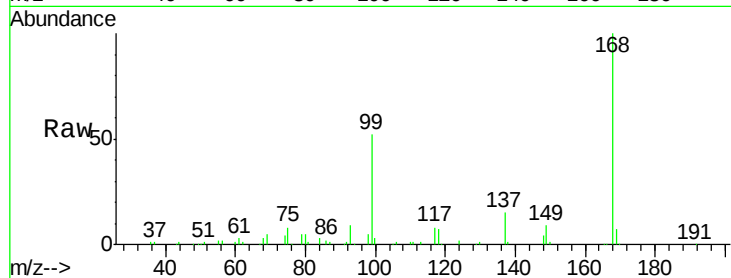
Tot Ion:117 Resp: 43076

Ion Ratio Lower Upper

117 100

119 6.3 78.8 118.2#

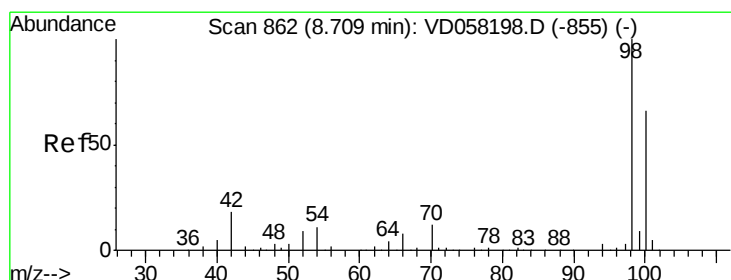
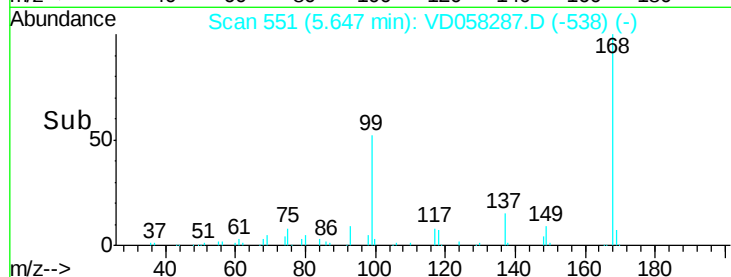
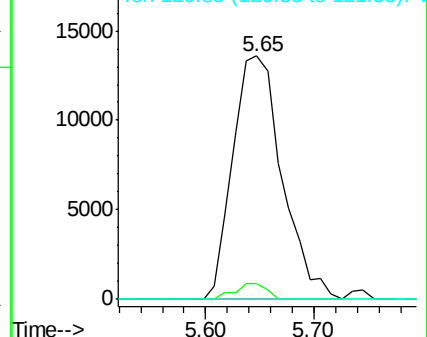
121 0.0 25.0 37.6#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 862

Delta R.T. -0.00 min

Lab File: VD058287.D

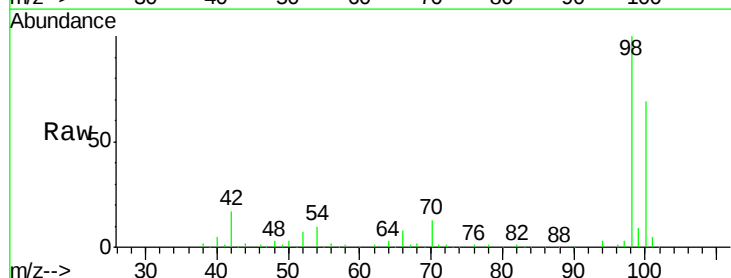
Acq: 22 Jun 2018 9:58

Tgt Ion: 98 Resp: 699691

Ion Ratio Lower Upper

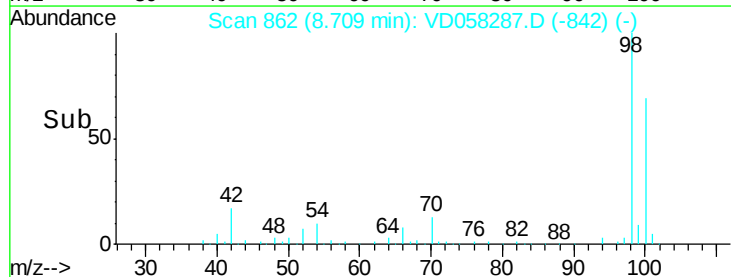
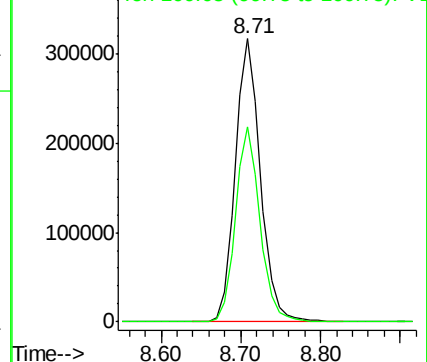
98 100

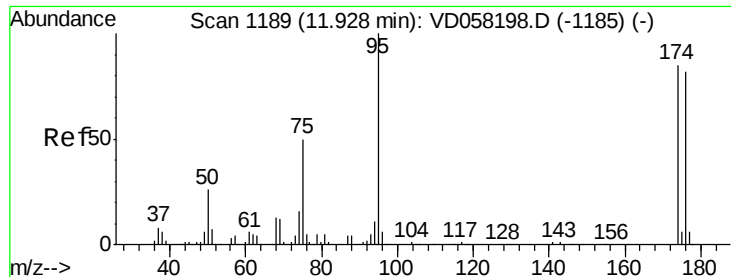
100 69.1 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

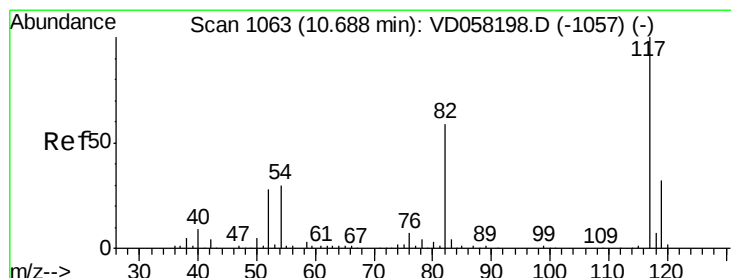
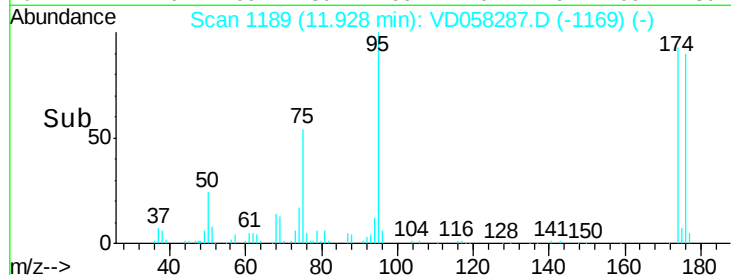
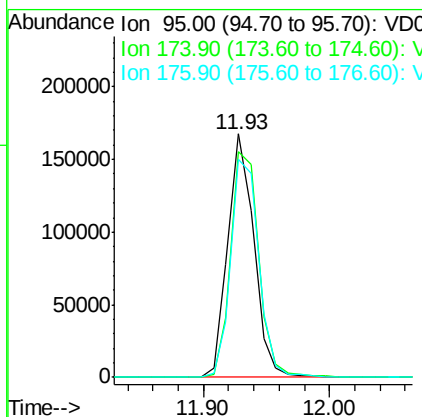
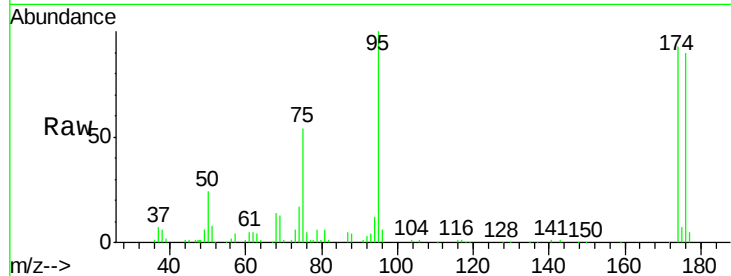




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.93 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VD058287.D
Acq: 22 Jun 2018 9:58

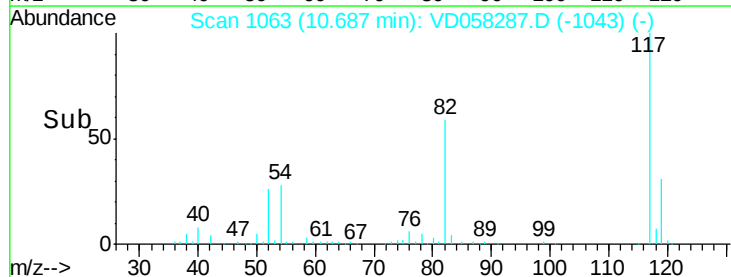
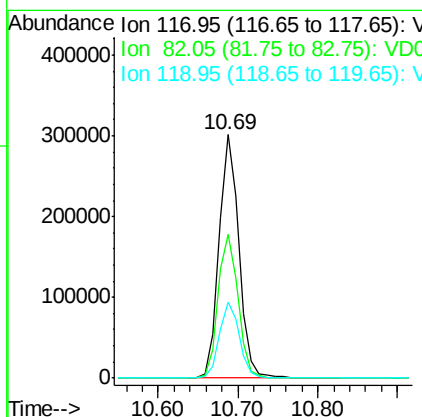
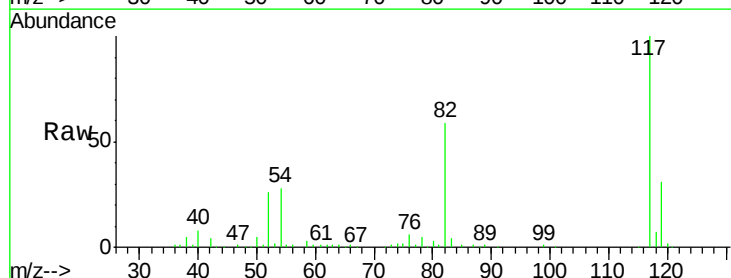
Instrument :
MSVOA_D
ClientSampleId :
SSP-B-3-GRABRE

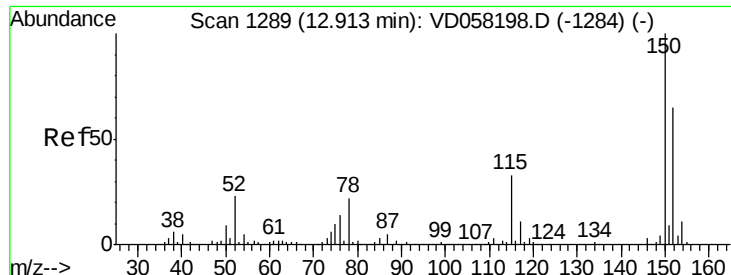
Tot Ion: 95 Resp: 239284
Ion Ratio Lower Upper
95 100
174 92.9 0.0 170.2
176 89.7 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD058287.D
Acq: 22 Jun 2018 9:58

Tgt Ion: 117 Resp: 533395
Ion Ratio Lower Upper
117 100
82 59.0 47.0 70.6
119 31.3 25.3 37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.90 min Scan# 1288

Delta R.T. -0.01 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

Instrument :

MSVOA_D

ClientSampleId :

SSP-B-3-GRABRE

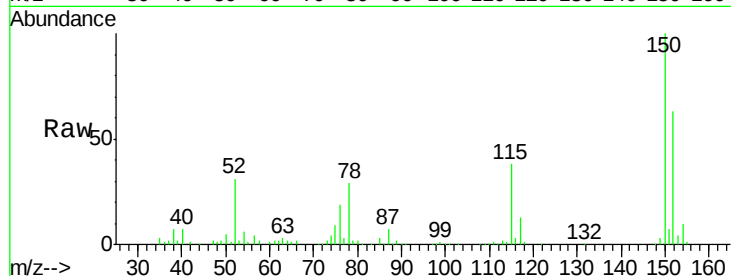
Tot Ion:152 Resp: 208012

Ion Ratio Lower Upper

152 100

115 60.7 25.1 75.3

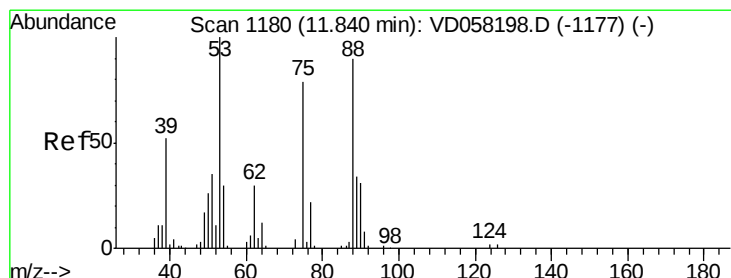
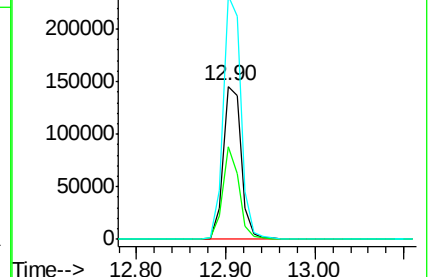
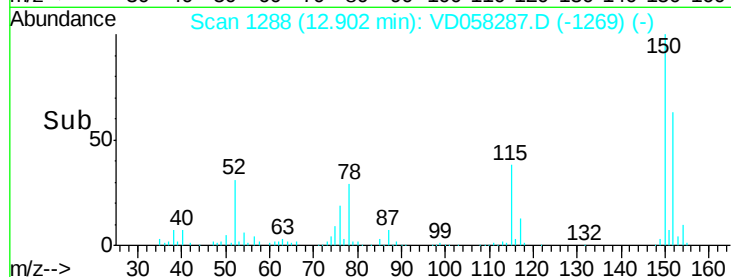
150 159.0 0.0 308.8



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



#81

trans-1,4-Dichloro-2-butene

Concen: 165.36 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD058287.D

Acq: 22 Jun 2018 9:58

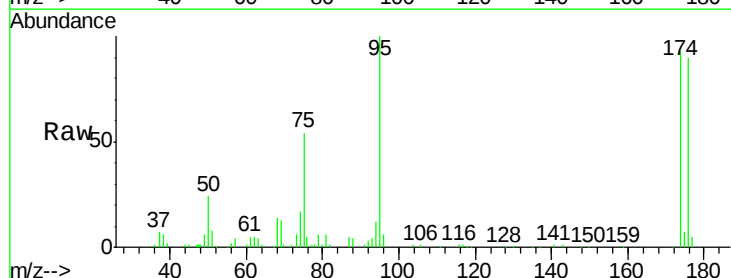
Tgt Ion: 75 Resp: 122481

Ion Ratio Lower Upper

75 100

53 0.0 100.8 151.2#

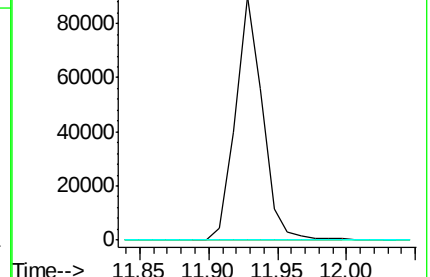
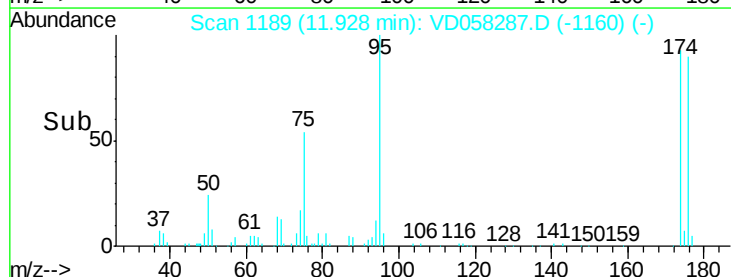
89 0.0 34.6 52.0#

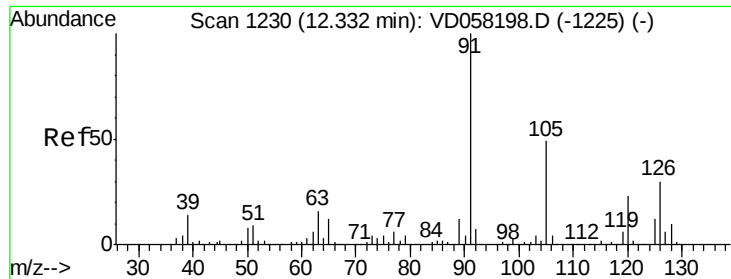


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#82
 4-Chlorotoluene
 Concen: Below Cal
 RT: 12.33 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: VD058287.D
 Acq: 22 Jun 2018 9:58

Instrument :
 MSVOA_D
 ClientSampleId :
 SSP-B-3-GRABRE

Tot Ion: 91 Resp: 251
 Ion Ratio Lower Upper
 91 100
 126 0.0 14.9 44.9#

