

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061518\
 Data File : VD058165.D
 Acq On : 15 Jun 2018 21:21
 Operator : VA/AP
 Sample : J3500-02
 Misc : 5.73g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 15 23:19:43 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	377989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.68	114	523720	50.00	ug/l	-0.02
63) Chlorobenzene-d5	10.69	117	474249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	276013	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	338320	89.53	ug/l	0.00
Spiked Amount			Recovery	=	179.06%	
35) Dibromofluoromethane	5.54	113	296373	73.14	ug/l	-0.02
Spiked Amount			Recovery	=	146.28%	
50) Toluene-d8	8.70	98	633817	65.79	ug/l	0.00
Spiked Amount			Recovery	=	131.58%	
62) 4-Bromofluorobenzene	11.93	95	299858	71.35	ug/l	0.00
Spiked Amount			Recovery	=	142.70%	

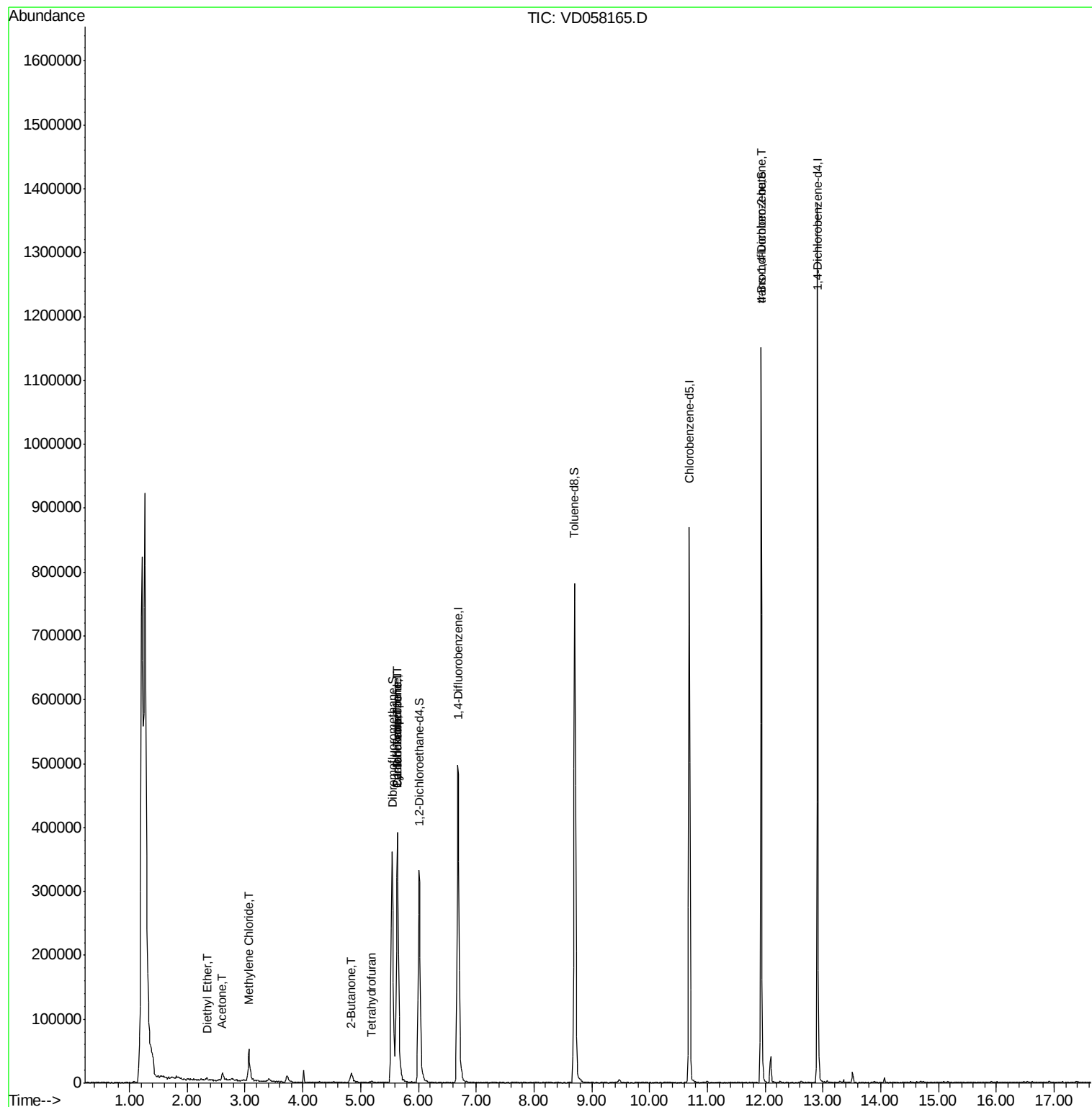
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.34	74	739	1.203	ug/l	94
16) Acetone	2.61	43	26832	49.283	ug/l #	87
20) Methylene Chloride	3.07	84	21776	10.662	ug/l	94
25) 2-Butanone	4.84	43	2055	1.661	ug/l #	64
29) Tetrahydrofuran	5.19	42	1370	2.112	ug/l #	55
31) Cyclohexane	5.64	56	8824	1.343	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	31089	5.388	ug/l #	53
38) Carbon Tetrachloride	5.64	117	30903	5.434	ug/l #	16
81) trans-1,4-Dichloro-2-buten	11.93	75	143406	139.645	ug/l #	6
82) 4-Chlorotoluene	12.15	91	507	Below Cal	#	50

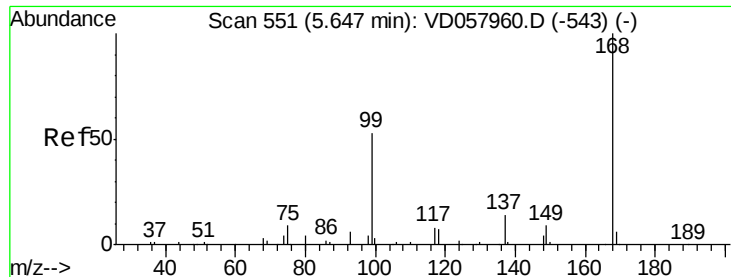
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD061518\
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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

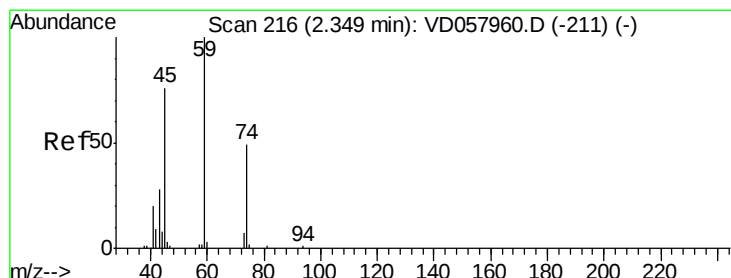
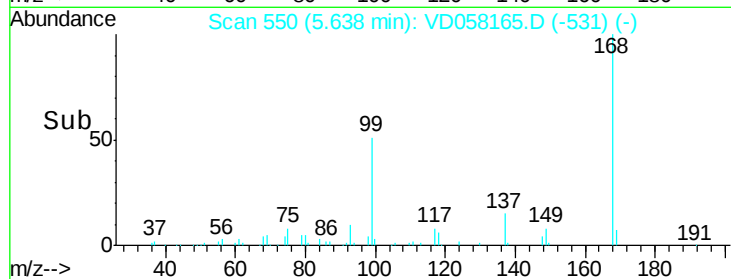
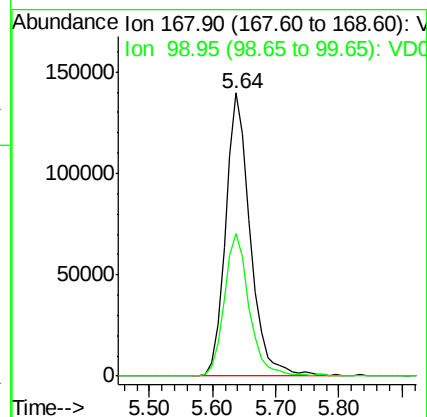
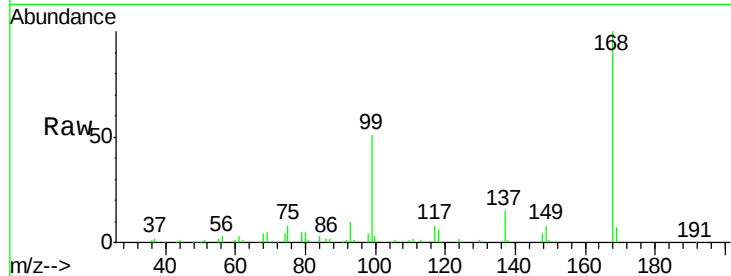




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 550
Delta R.T. -0.01 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

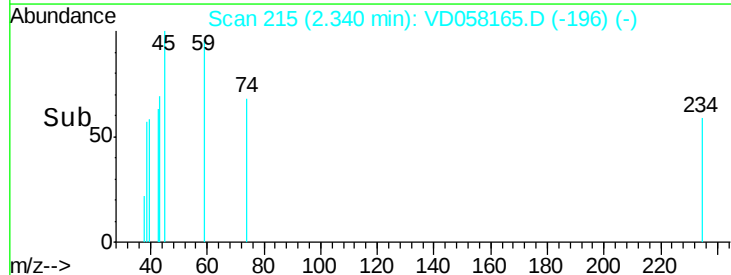
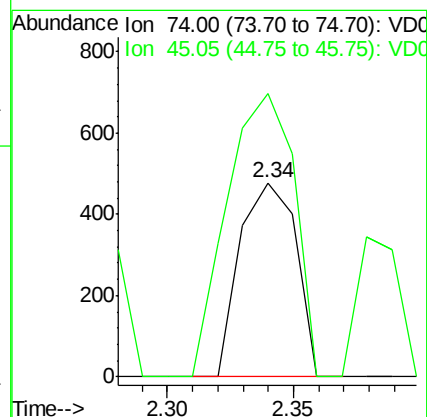
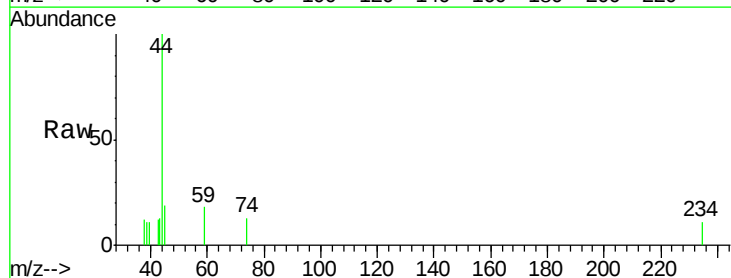
Instrument :
MSVOA_D
ClientSampleId :

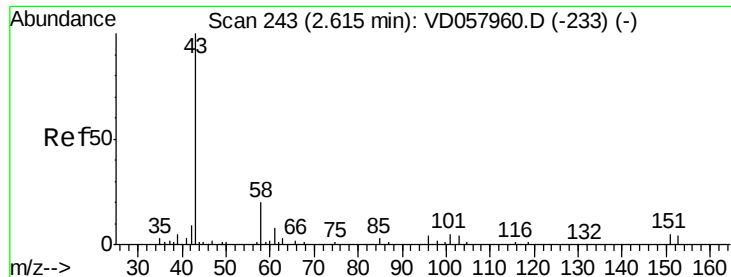
Tot Ion:168 Resp: 377989
Ion Ratio Lower Upper
168 100
99 50.6 46.8 70.2



#8
Diethyl Ether
Concen: 1.203 ug/l
RT: 2.34 min Scan# 215
Delta R.T. -0.01 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Tgt Ion: 74 Resp: 739
Ion Ratio Lower Upper
74 100
45 146.1 77.1 231.3

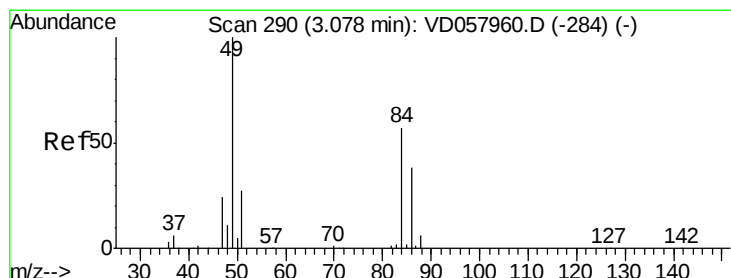
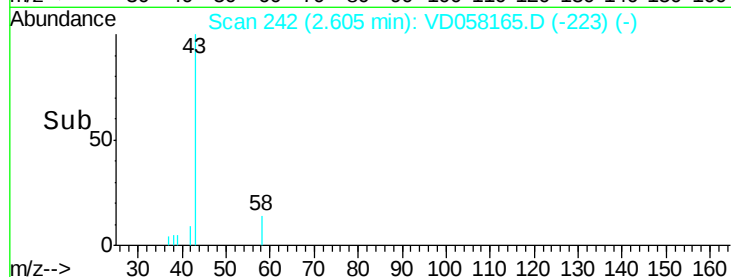
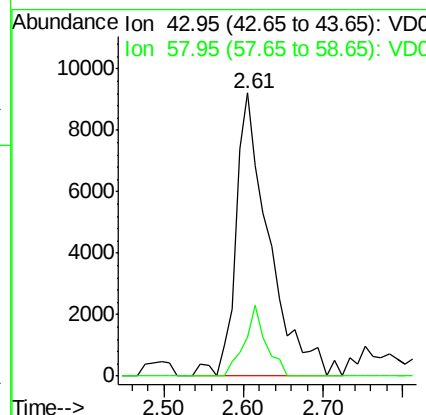
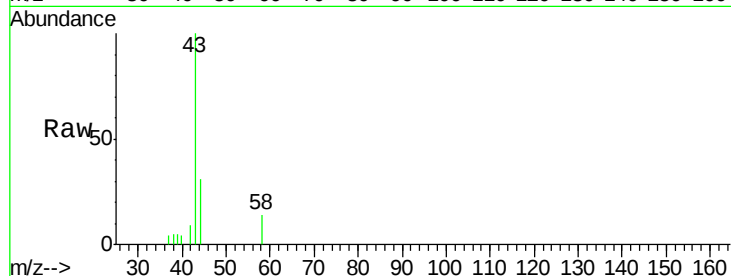




#16
Acetone
Concen: 49.283 ug/l
RT: 2.61 min Scan# 242
Delta R.T. -0.01 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

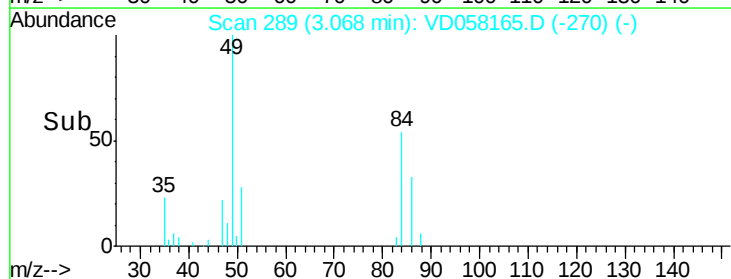
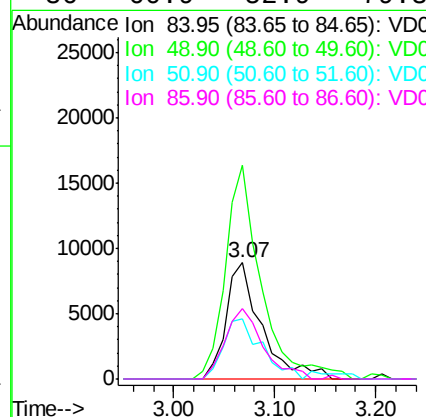
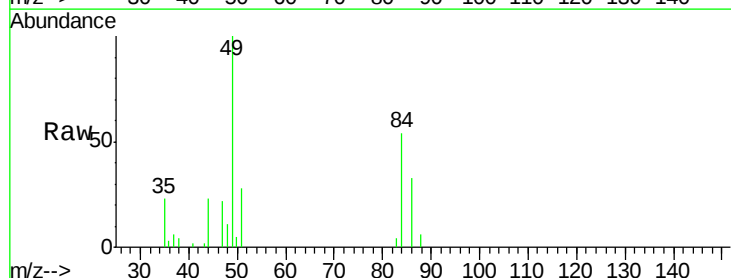
Instrument :
MSVOA_D
ClientSampleId :

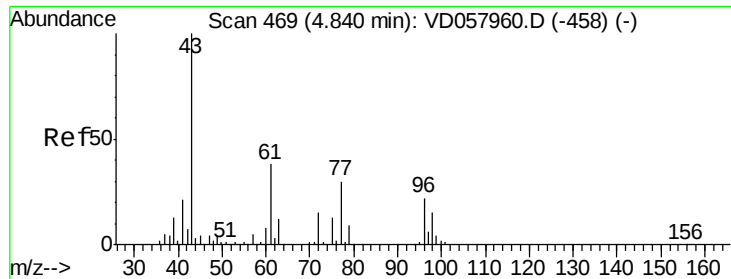
Tot Ion: 43 Resp: 26832
Ion Ratio Lower Upper
43 100
58 13.9 15.8 23.8#



#20
Methylene Chloride
Concen: 10.662 ug/l
RT: 3.07 min Scan# 289
Delta R.T. -0.01 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Tgt Ion: 84 Resp: 21776
Ion Ratio Lower Upper
84 100
49 184.1 141.4 212.0
51 52.1 38.3 57.5
86 60.9 52.9 79.3





#25

2-Butanone

Concen: 1.661 ug/l

RT: 4.84 min Scan# 469

Delta R.T. 0.00 min

Lab File: VD058165.D

Acq: 15 Jun 2018 21:21

Instrument :

MSVOA_D

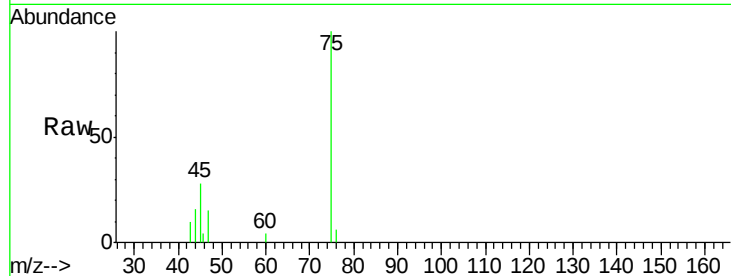
ClientSampled :

Tot Ion: 43 Resp: 2055

Ion Ratio Lower Upper

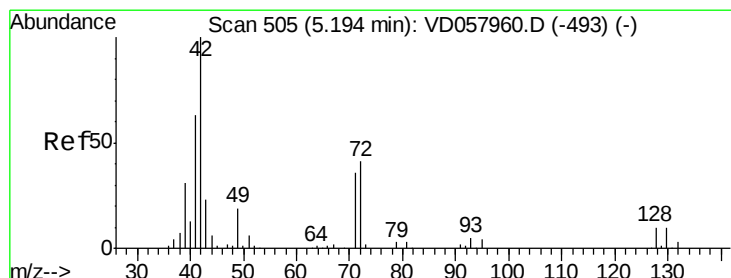
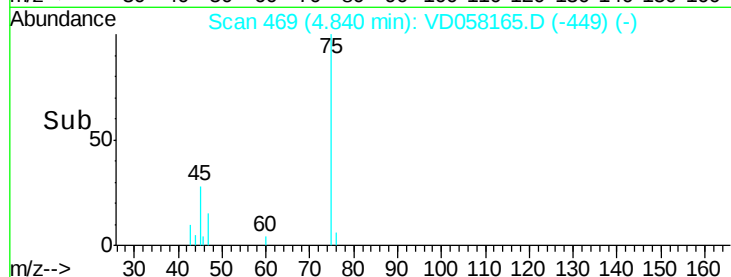
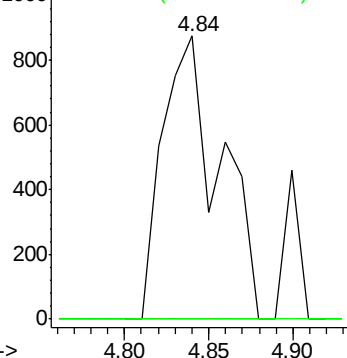
43 100

72 0.0 12.0 18.0#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#29

Tetrahydrofuran

Concen: 2.112 ug/l

RT: 5.19 min Scan# 505

Delta R.T. 0.00 min

Lab File: VD058165.D

Acq: 15 Jun 2018 21:21

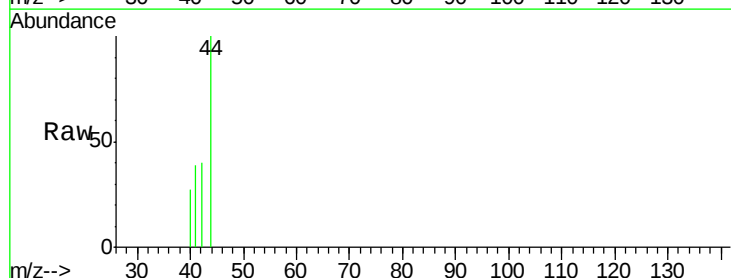
Tgt Ion: 42 Resp: 1370

Ion Ratio Lower Upper

42 100

72 17.4 28.5 42.7#

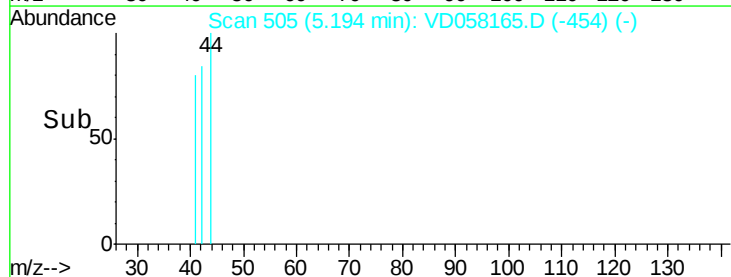
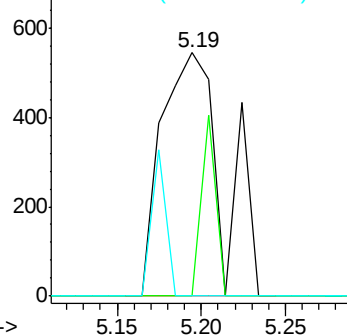
71 0.0 27.9 41.9#

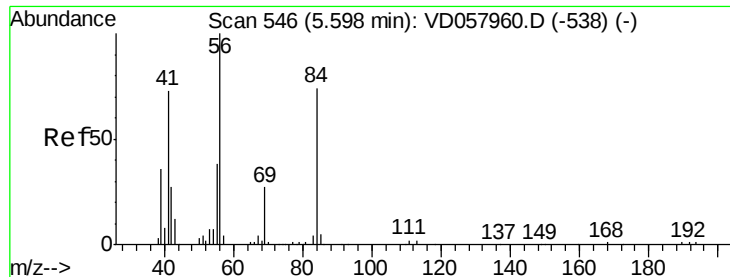


Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

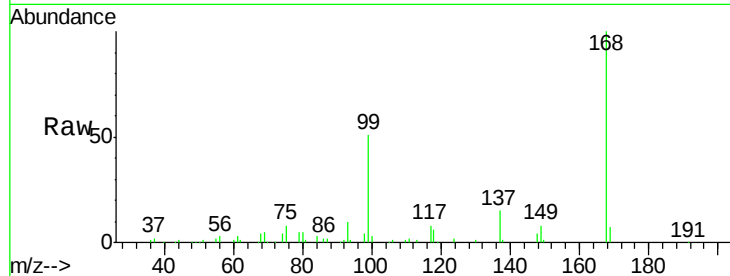




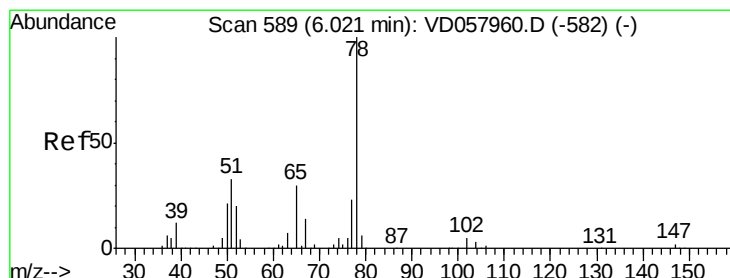
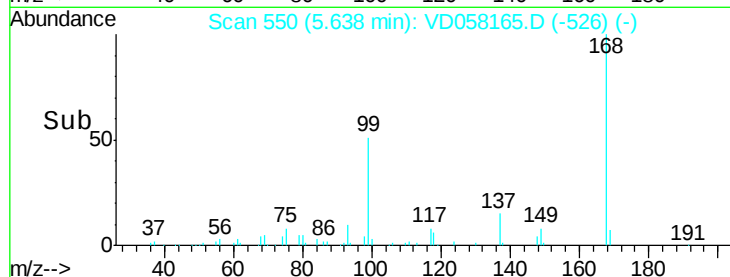
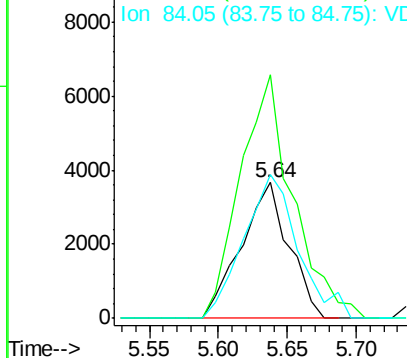
#31
Cyclohexane
Concen: 1.343 ug/l
RT: 5.64 min Scan# 550
Delta R.T. 0.04 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Instrument :
MSVOA_D
ClientSampled :

Tot Ion: 56 Resp: 8824
Ion Ratio Lower Upper
56 100
69 179.1 21.5 32.3#
84 106.0 61.0 91.6#

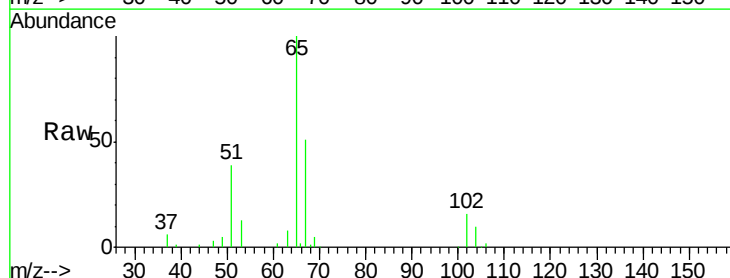


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

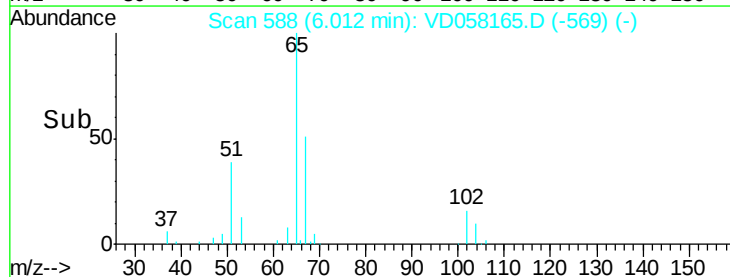
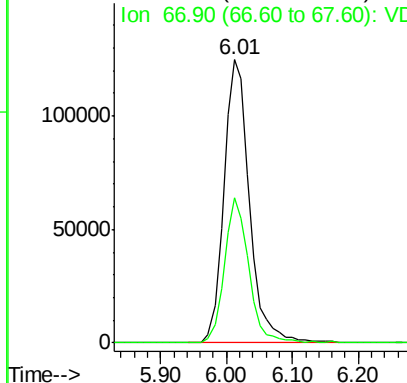


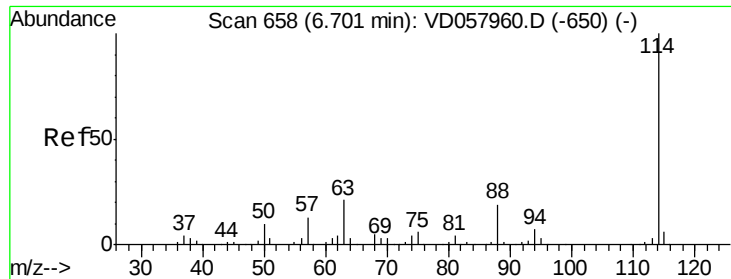
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.01 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Tgt Ion: 65 Resp: 338320
Ion Ratio Lower Upper
65 100
67 51.4 0.0 94.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

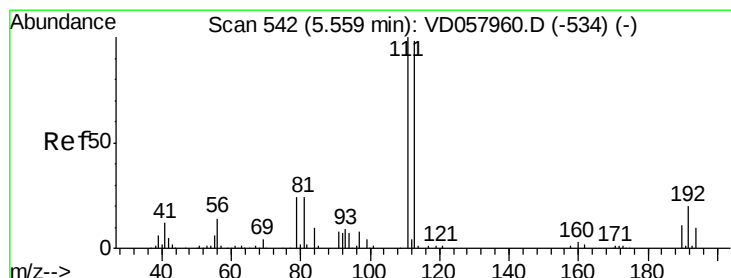
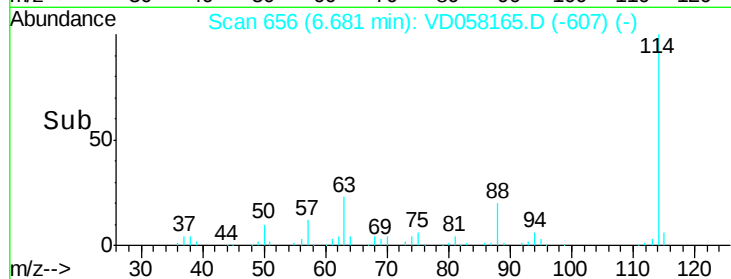
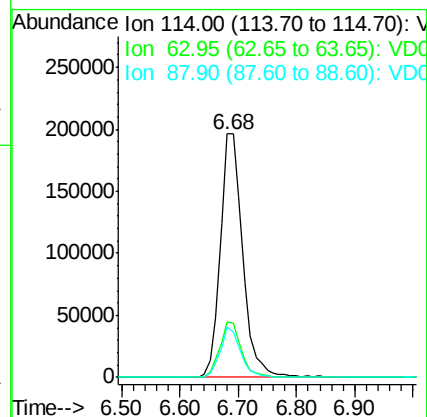
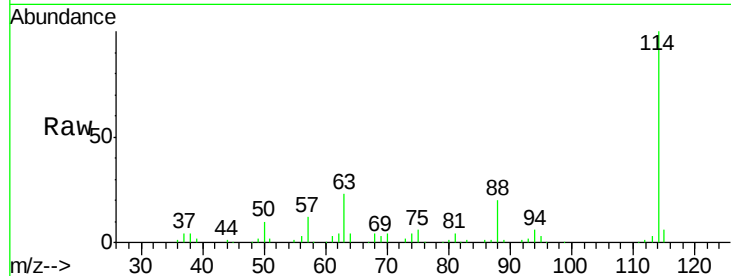




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.68 min Scan# 656
 Delta R.T. -0.02 min
 Lab File: VD058165.D
 Acq: 15 Jun 2018 21:21

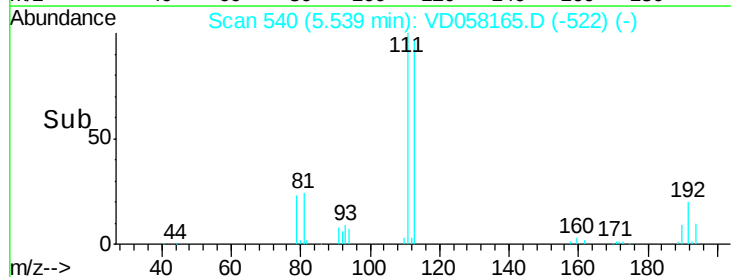
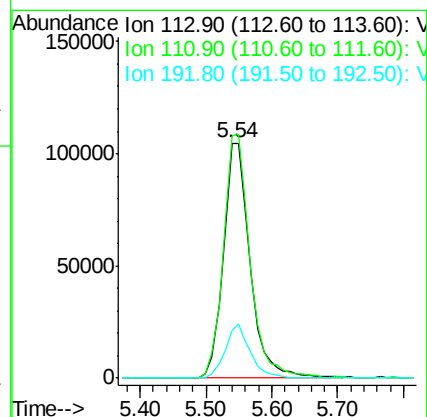
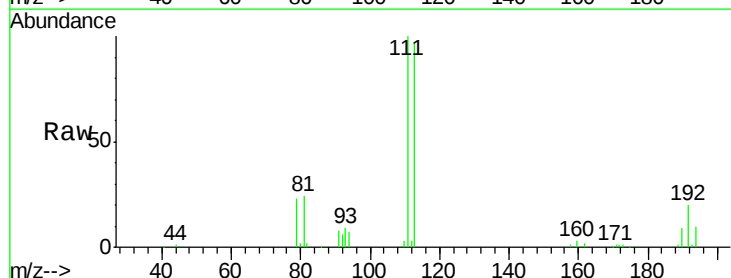
Instrument :
 MSVOA_D
 ClientSampled :

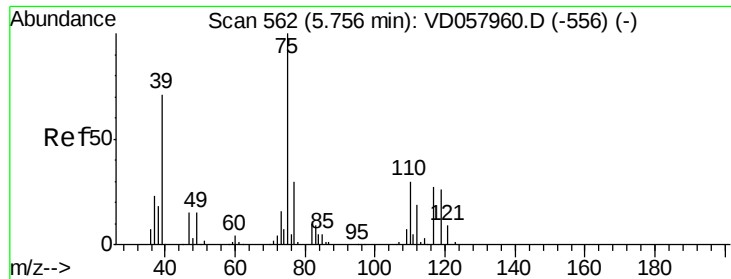
Tot Ion:114 Resp: 523720
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 42.8
 88 20.4 0.0 37.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 5.54 min Scan# 540
 Delta R.T. -0.02 min
 Lab File: VD058165.D
 Acq: 15 Jun 2018 21:21

Tgt Ion:113 Resp: 296373
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.5 122.3
 192 20.2 16.4 24.6





#36

1,1-Dichloropropene

Concen: 5.388 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.12 min

Lab File: VD058165.D

Acq: 15 Jun 2018 21:21

Instrument :
MSVOA_D
ClientSampleId :

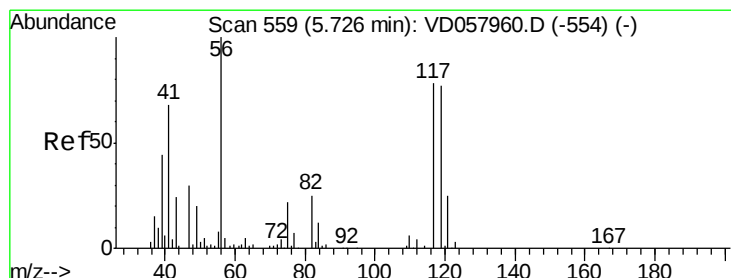
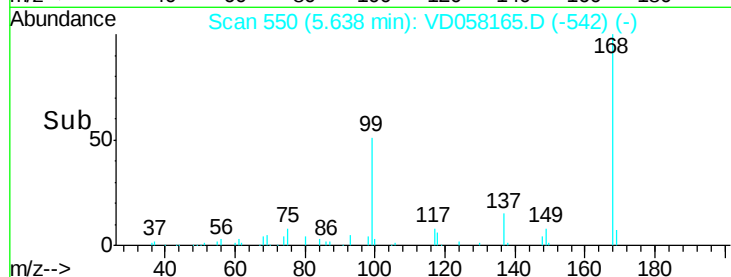
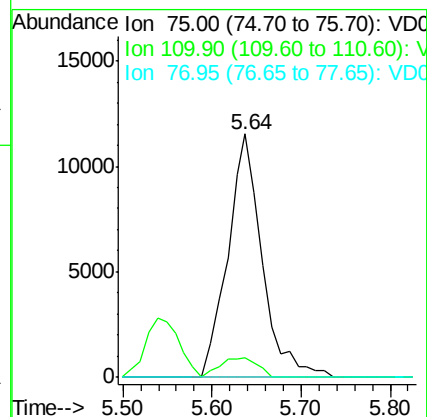
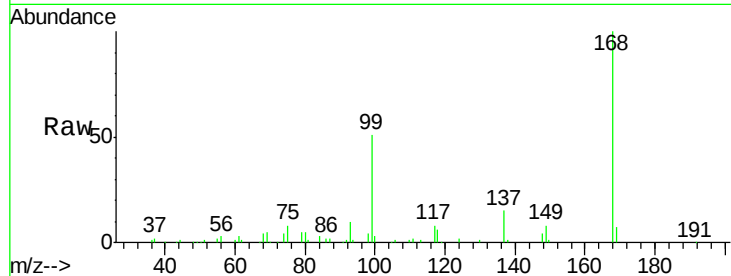
Tot Ion: 75 Resp: 31089

Ion Ratio Lower Upper

75 100

110 8.3 14.8 44.3#

77 0.0 23.9 35.9#



#38

Carbon Tetrachloride

Concen: 5.434 ug/l

RT: 5.64 min Scan# 550

Delta R.T. -0.09 min

Lab File: VD058165.D

Acq: 15 Jun 2018 21:21

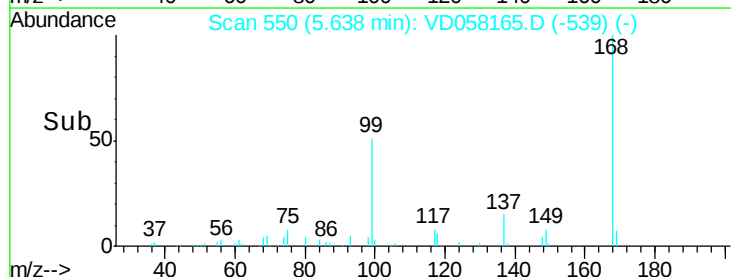
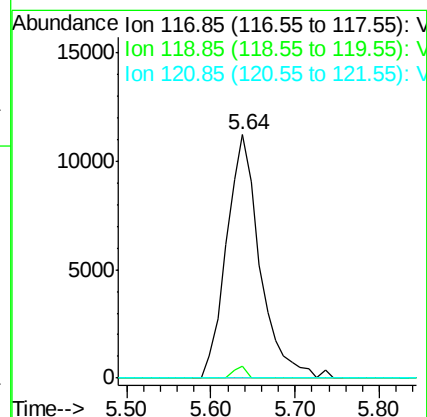
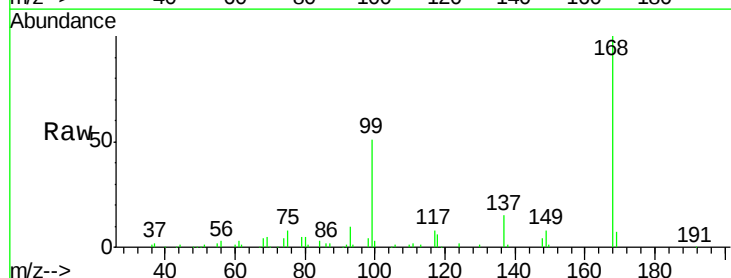
Tgt Ion: 117 Resp: 30903

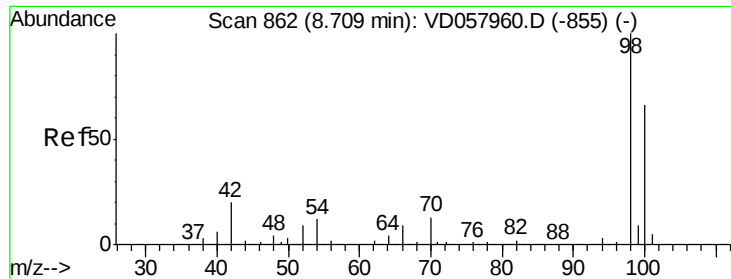
Ion Ratio Lower Upper

117 100

119 5.1 76.1 114.1#

121 0.0 24.9 37.3#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD058165.D

Acq: 15 Jun 2018 21:21

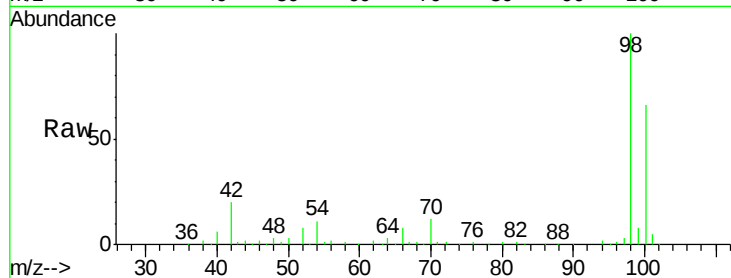
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 633817

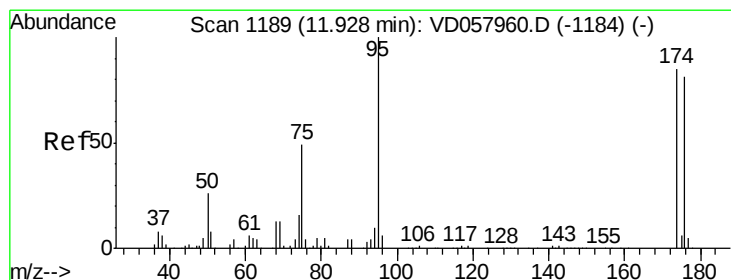
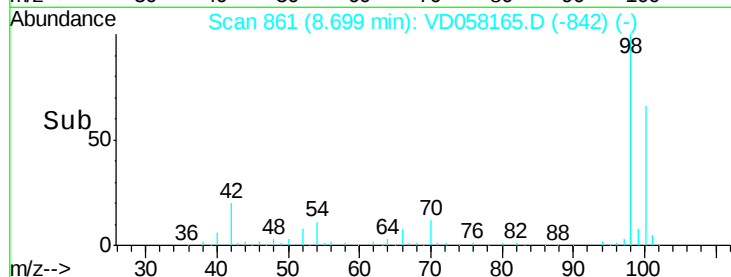
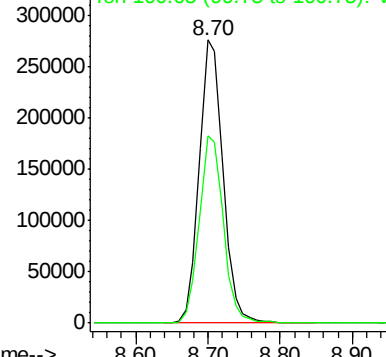
Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0



Abundance Ion 98.05 (97.75 to 98.75): VD057960.D (-855) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD058165.D

Acq: 15 Jun 2018 21:21

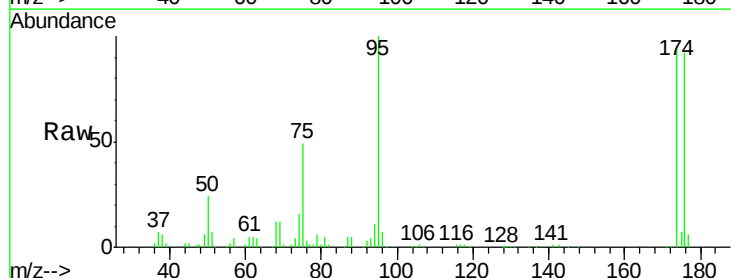
Tgt Ion: 95 Resp: 299858

Ion Ratio Lower Upper

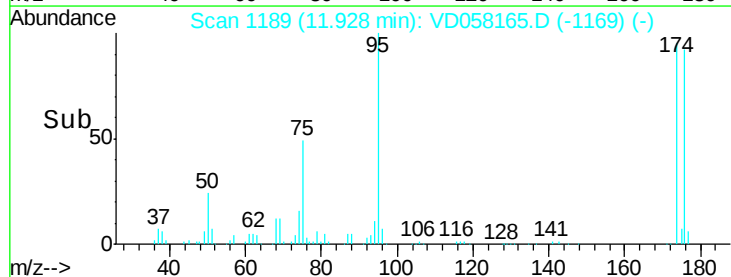
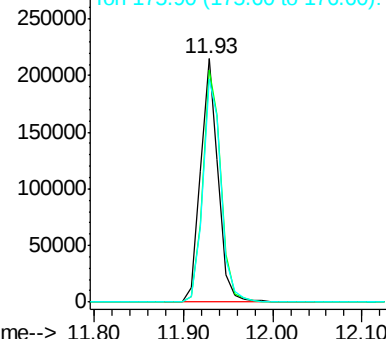
95 100

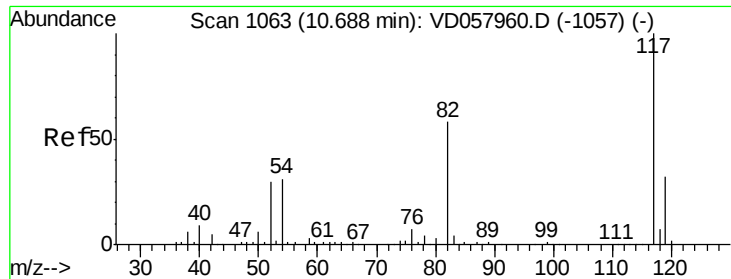
174 95.4 0.0 169.4

176 91.7 0.0 162.6



Abundance Ion 95.00 (94.70 to 95.70): VD057960.D (-1184) (-)

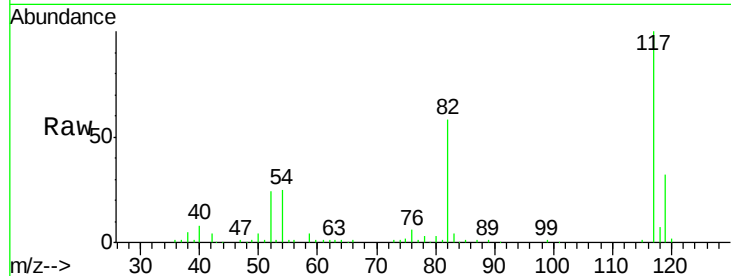




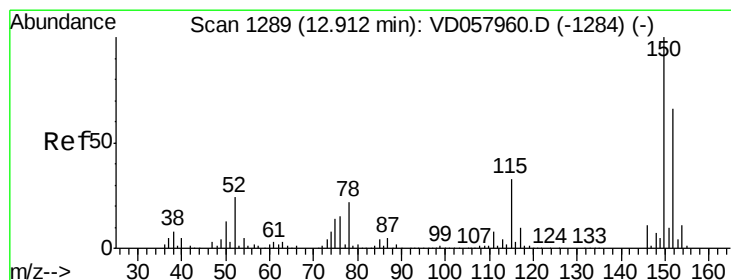
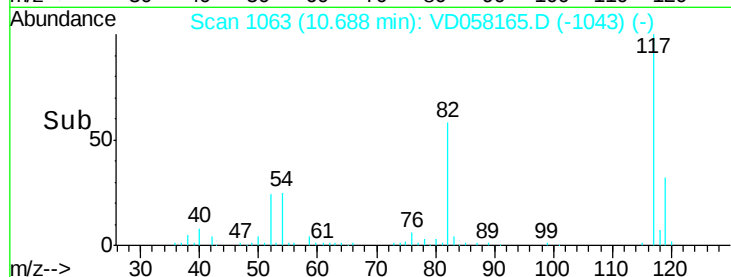
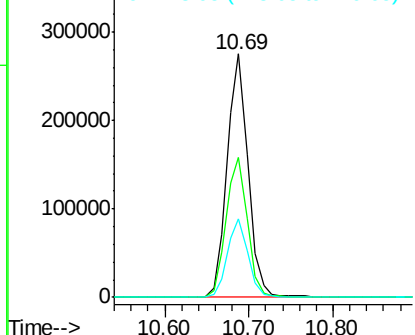
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:117 Resp: 474249
Ion Ratio Lower Upper
117 100
82 57.5 46.8 70.2
119 32.4 25.8 38.6

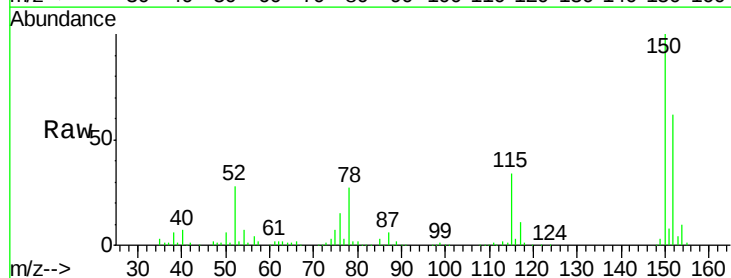


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

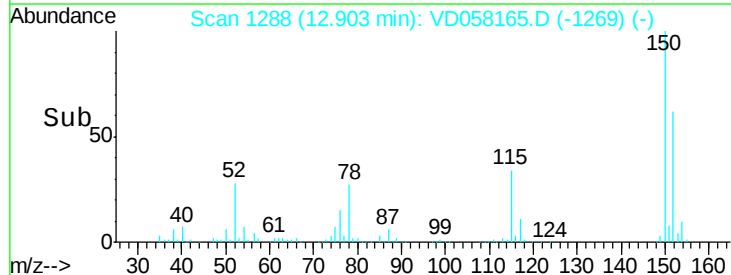
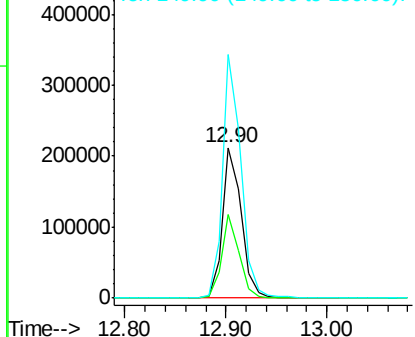


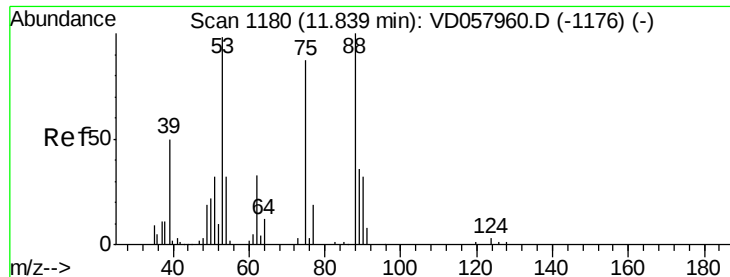
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058165.D
Acq: 15 Jun 2018 21:21

Tgt Ion:152 Resp: 276013
Ion Ratio Lower Upper
152 100
115 55.2 25.6 76.6
150 161.8 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





#81

trans-1,4-Dichloro-2-butene

Concen: 139.645 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD058165.D

Acq: 15 Jun 2018 21:21

Instrument :

MSVOA_D

ClientSampleId :

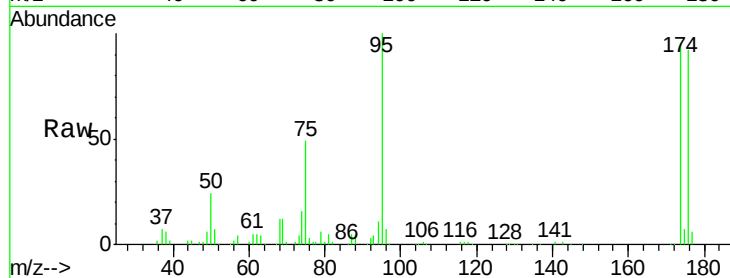
Tot Ion: 75 Resp: 143406

Ion Ratio Lower Upper

75 100

53 0.0 89.3 133.9#

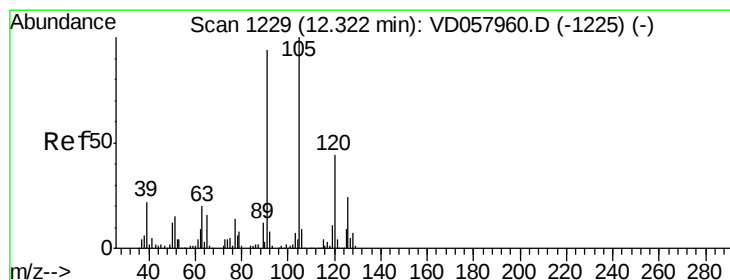
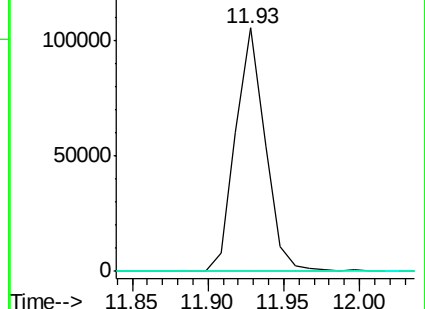
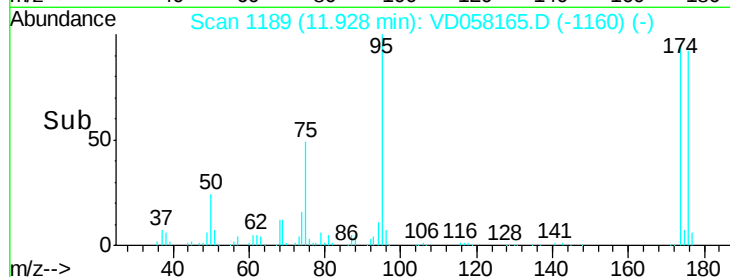
89 0.0 33.3 49.9#



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: 12.15 min Scan# 1212

Delta R.T. -0.17 min

Lab File: VD058165.D

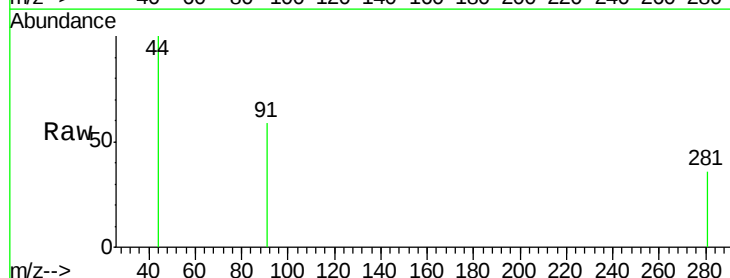
Acq: 15 Jun 2018 21:21

Tgt Ion: 91 Resp: 507

Ion Ratio Lower Upper

91 100

126 0.0 12.5 37.5#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

