

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062218\
 Data File : VD058306.D
 Acq On : 22 Jun 2018 19:47
 Operator : VA/AP
 Sample : J3663-09
 Misc : 6.54g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB470-12-14-180618

Quant Time: Jun 22 22:20:47 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	5.63	168	686610	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.68	114	871246	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.69	117	759757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.90	152	408216	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.01	65	387387	55.86	ug/l	0.00
Spiked Amount			Recovery	=	111.72%	
35) Dibromofluoromethane	5.54	113	398721	56.23	ug/l	-0.01
Spiked Amount			Recovery	=	112.46%	
50) Toluene-d8	8.70	98	912474	53.19	ug/l	-0.01
Spiked Amount			Recovery	=	106.38%	
62) 4-Bromofluorobenzene	11.93	95	395422	56.42	ug/l	0.00
Spiked Amount			Recovery	=	112.84%	

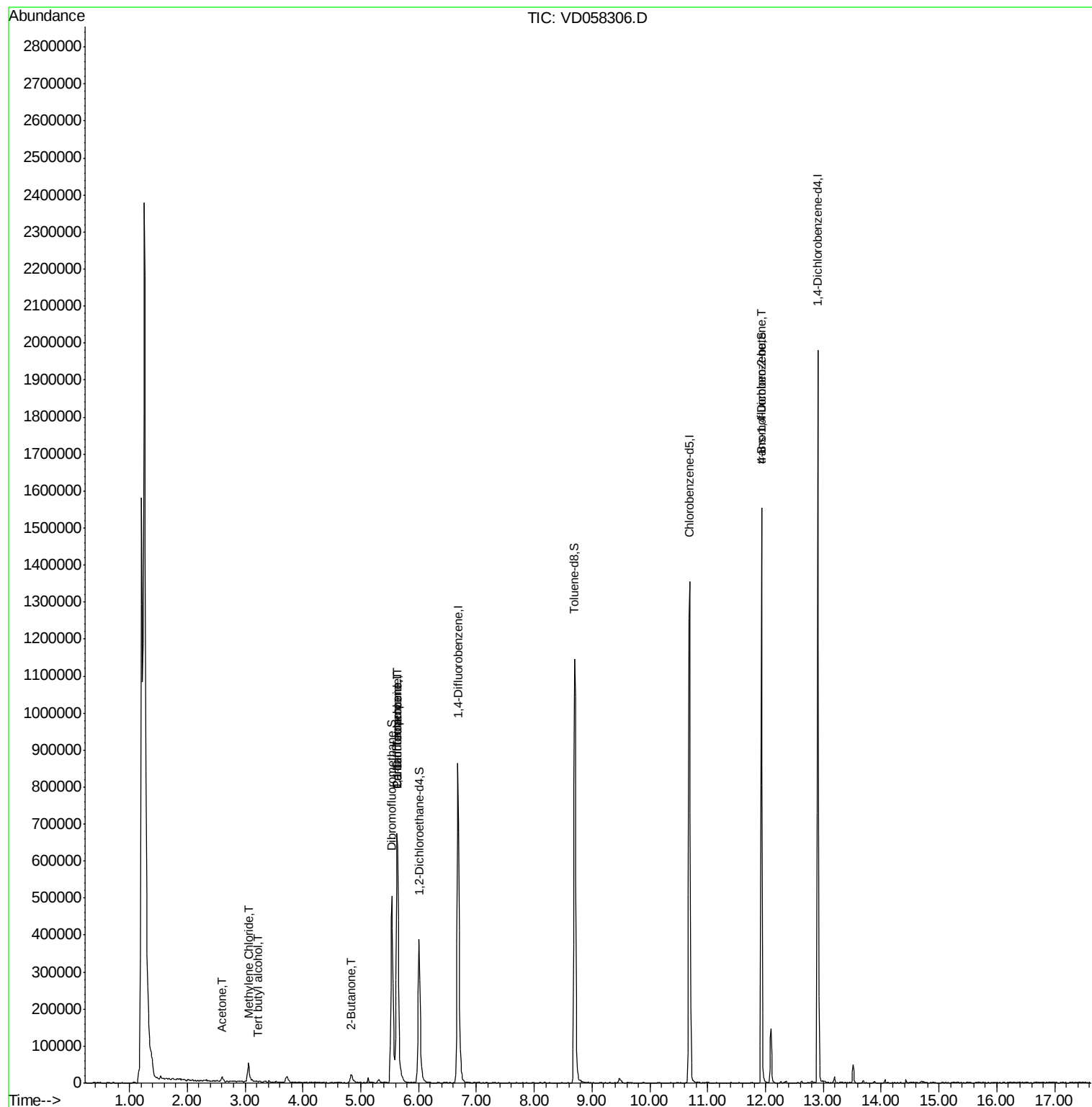
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.35	85	387	Below Cal	#	43
11) Tert butyl alcohol	3.23	59	460	2.011	ug/l #	78
16) Acetone	2.60	43	24389	25.715	ug/l	95
20) Methylene Chloride	3.06	84	25079	5.928	ug/l	96
25) 2-Butanone	4.84	43	5475	2.649	ug/l	98
31) Cyclohexane	5.64	56	16613	Below Cal	#	1
36) 1,1-Dichloropropene	5.64	75	57712	6.696	ug/l #	49
38) Carbon Tetrachloride	5.63	117	53630	6.262	ug/l #	15
81) trans-1,4-Dichloro-2-buten	11.93	75	190722	131.205	ug/l #	1
82) 4-Chlorotoluene	12.32	91	423	Below Cal	#	45

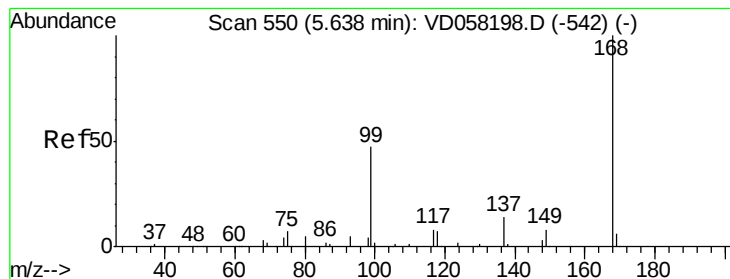
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062218\
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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 549

Delta R.T. -0.01 min

Lab File: VD058306.D

Acq: 22 Jun 2018 19:47

Instrument :

MSVOA_D

ClientSampleId :

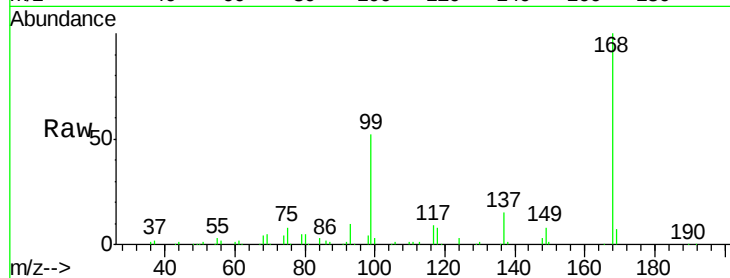
WP021SB470-12-14-180618

Tot Ion:168 Resp: 686610

Ion Ratio Lower Upper

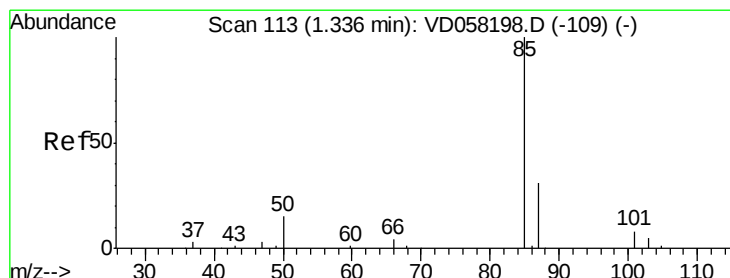
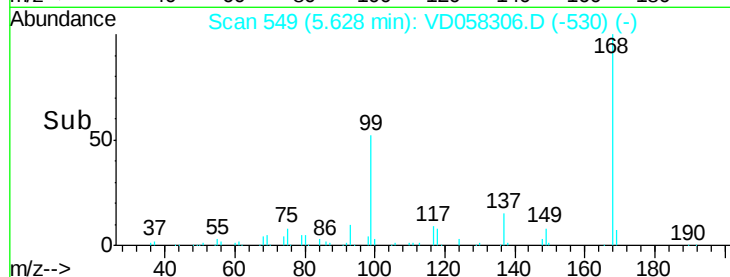
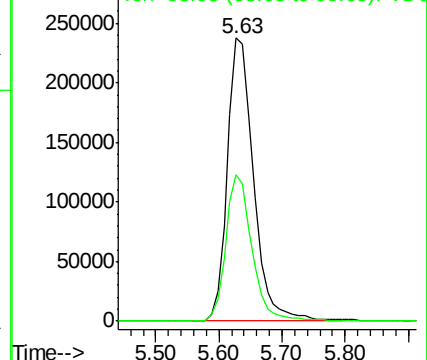
168 100

99 51.7 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# 114

Delta R.T. 0.01 min

Lab File: VD058306.D

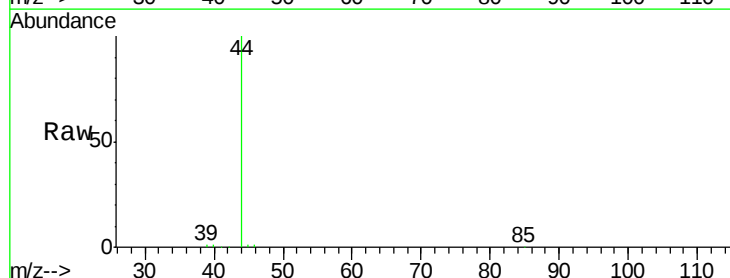
Acq: 22 Jun 2018 19:47

Tgt Ion: 85 Resp: 387

Ion Ratio Lower Upper

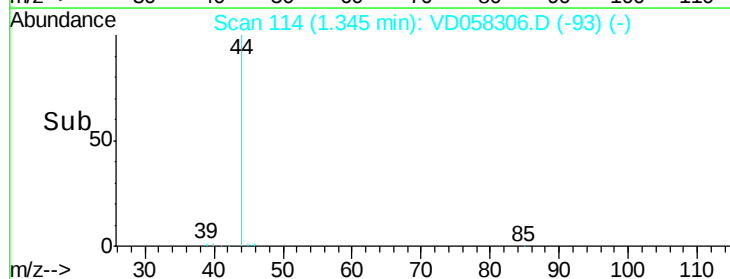
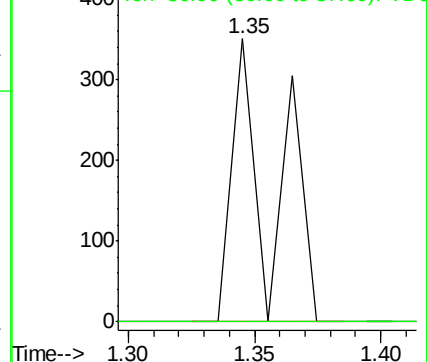
85 100

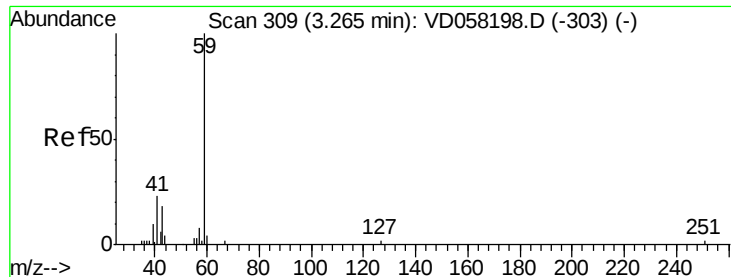
87 0.0 15.7 47.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC



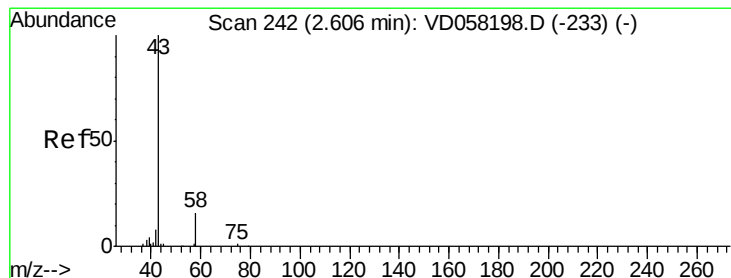
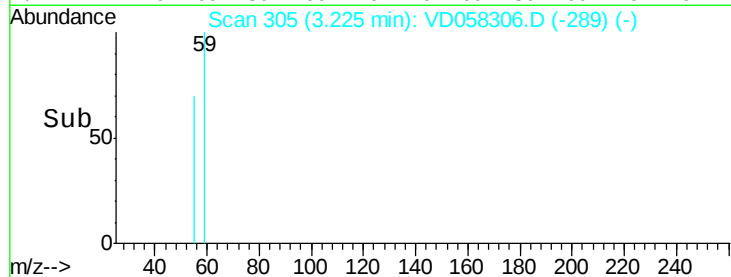
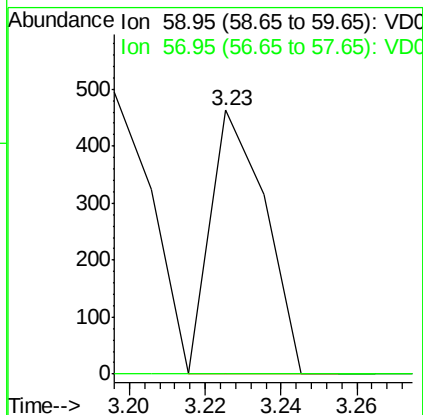
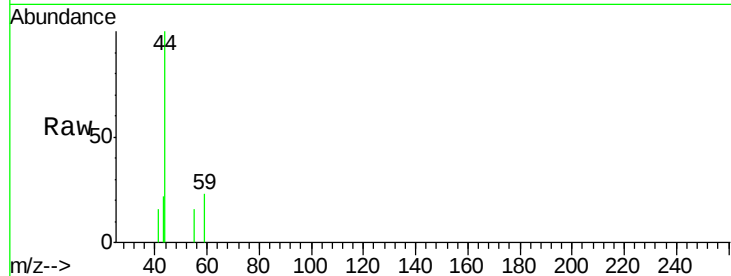


#11

Tert butyl alcohol
 Concen: 2.011 ug/l
 RT: 3.23 min Scan# 305
 Delta R.T. -0.04 min
 Lab File: VD058306.D
 Acq: 22 Jun 2018 19:47

Instrument :
 MSVOA_D
 ClientSampleId :
 WP021SB470-12-14-180618

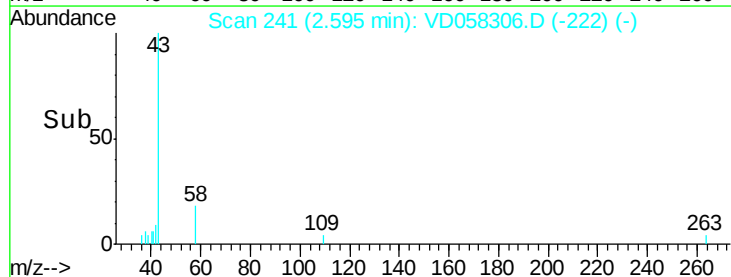
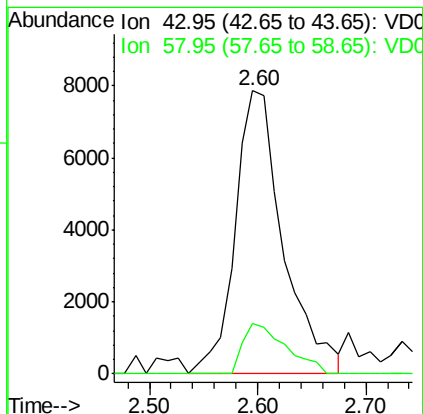
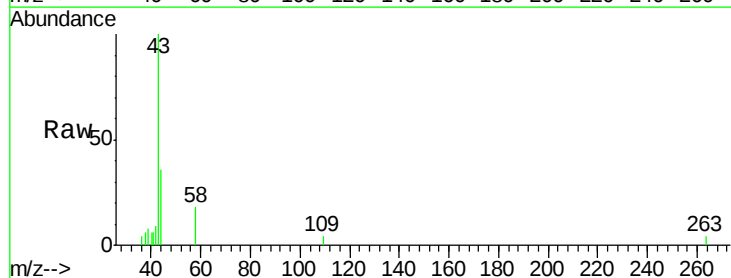
Tot Ion: 59 Resp: 460
 Ion Ratio Lower Upper
 59 100
 57 0.0 6.2 9.4#

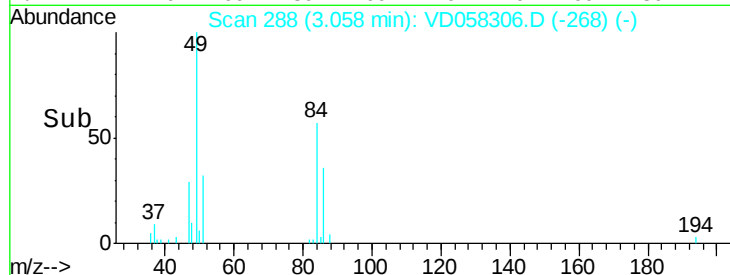
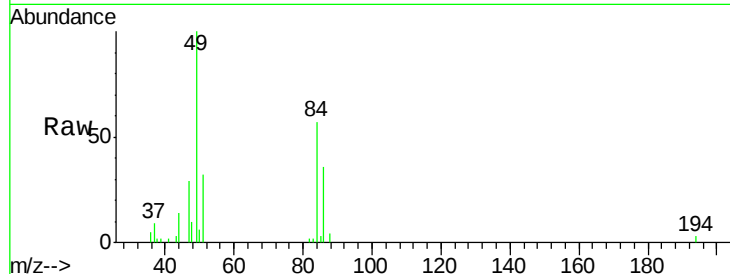
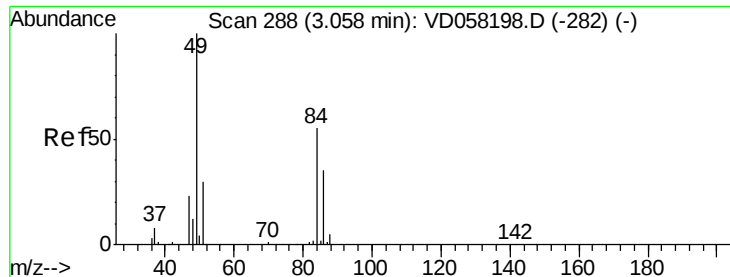


#16

Acetone
 Concen: 25.715 ug/l
 RT: 2.60 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VD058306.D
 Acq: 22 Jun 2018 19:47

Tgt Ion: 43 Resp: 24389
 Ion Ratio Lower Upper
 43 100
 58 17.8 12.7 19.1

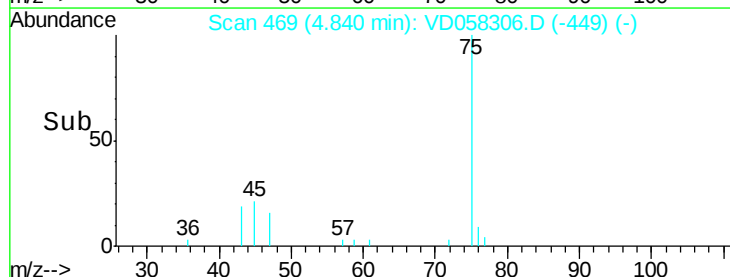
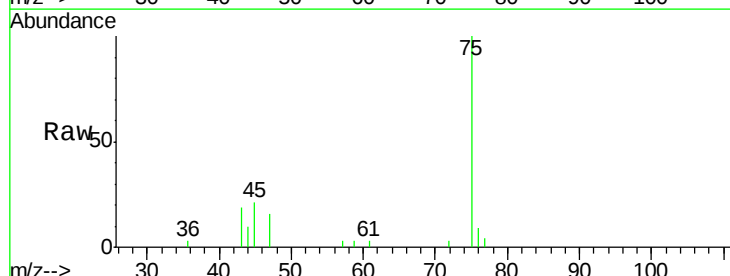
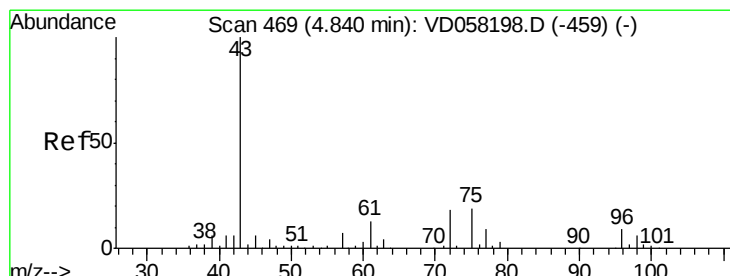
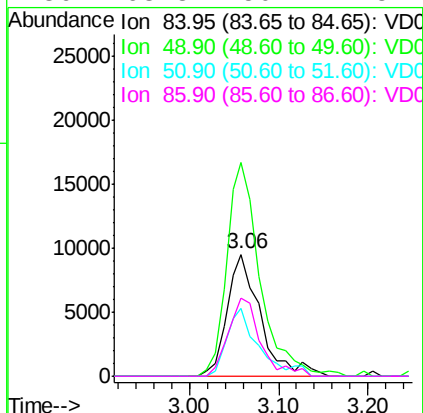




#20
Methvlene Chloride
Concen: 5.928 ug/l
RT: 3.06 min Scan# 288
Delta R.T. 0.00 min
Lab File: VD058306.D
Acq: 22 Jun 2018 19:47

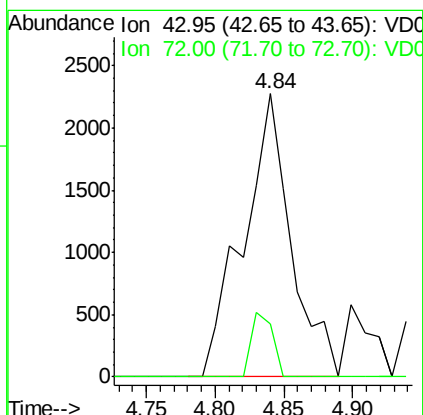
Instrument :
MSVOA_D
ClientSampleId :
WP021SB470-12-14-180618

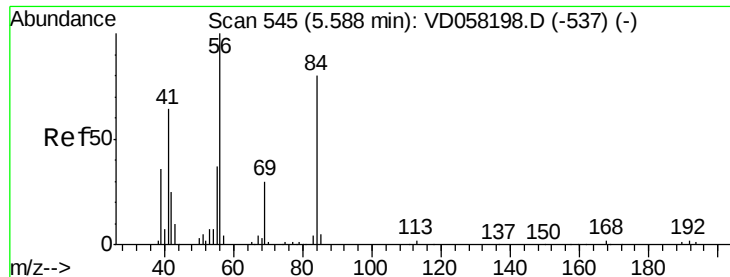
Tot Ion: 84 Resp: 25079
Ion Ratio Lower Upper
84 100
49 174.9 145.0 217.6
51 56.1 42.9 64.3
86 63.8 50.1 75.1



#25
2-Butanone
Concen: 2.649 ug/l
RT: 4.84 min Scan# 469
Delta R.T. -0.00 min
Lab File: VD058306.D
Acq: 22 Jun 2018 19:47

Tgt Ion: 43 Resp: 5475
Ion Ratio Lower Upper
43 100
72 18.5 14.1 21.1

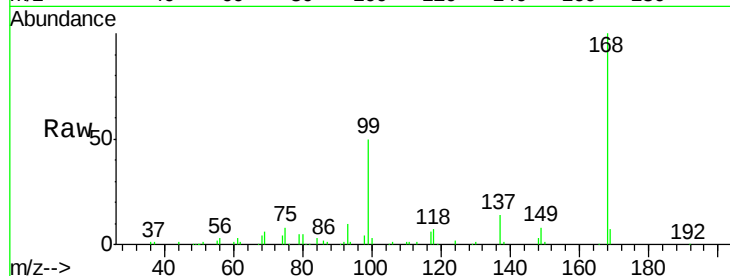




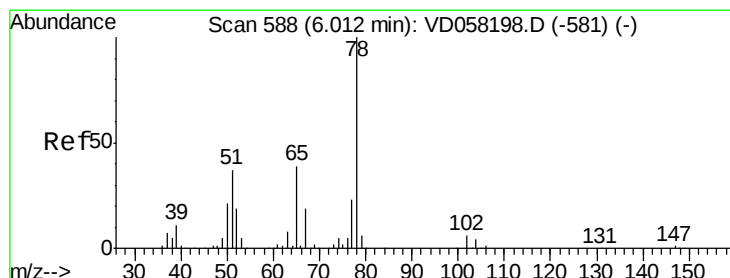
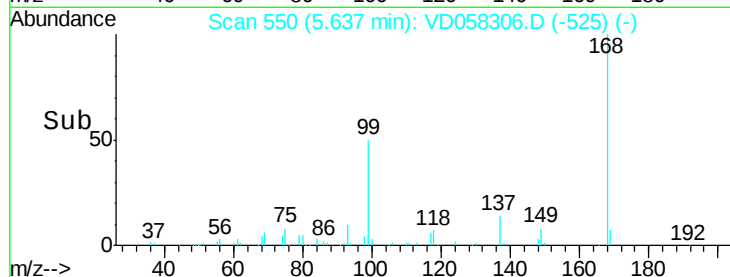
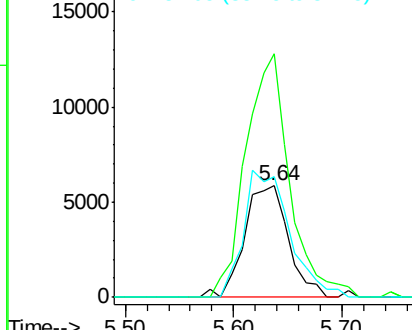
#31
Cyclohexane
Concen: Below Cal
RT: 5.64 min Scan# 550
Delta R.T. 0.05 min
Lab File: VD058306.D
Acq: 22 Jun 2018 19:47

Instrument :
MSVOA_D
ClientSampleId :
WP021SB470-12-14-180618

Tot Ion: 56 Resp: 16613
Ion Ratio Lower Upper
56 100
69 217.9 23.6 35.4#
84 107.6 65.2 97.8#

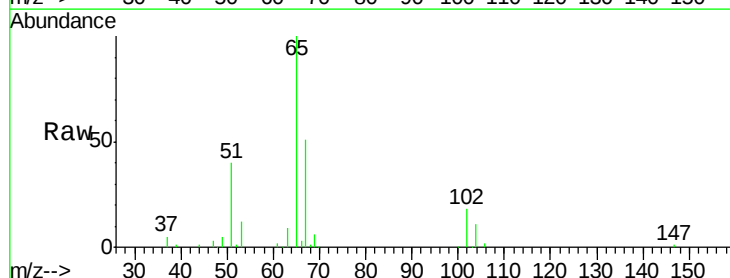


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

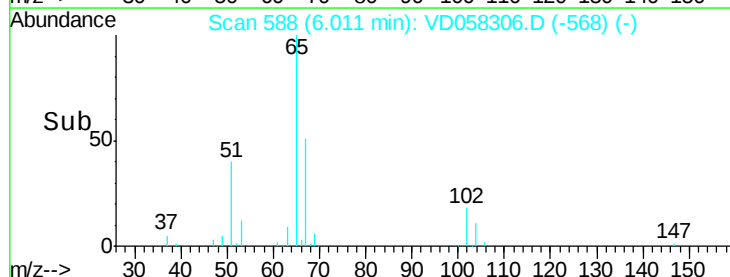
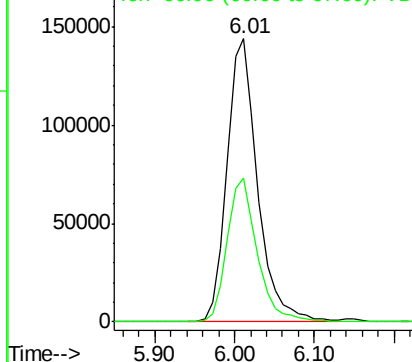


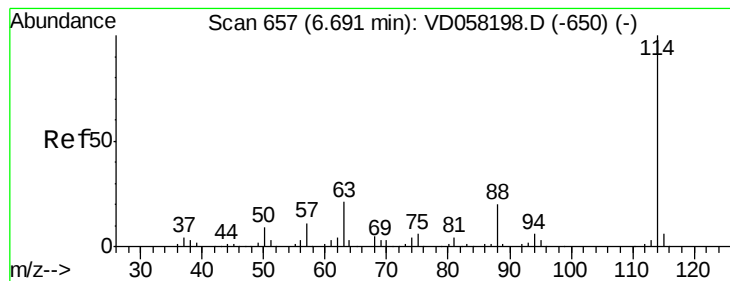
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.01 min Scan# 588
Delta R.T. -0.00 min
Lab File: VD058306.D
Acq: 22 Jun 2018 19:47

Tgt Ion: 65 Resp: 387387
Ion Ratio Lower Upper
65 100
67 50.6 0.0 97.8



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. -0.01 min

Lab File: VD058306.D

Acq: 22 Jun 2018 19:47

Instrument :

MSVOA_D

ClientSampleId :

WP021SB470-12-14-180618

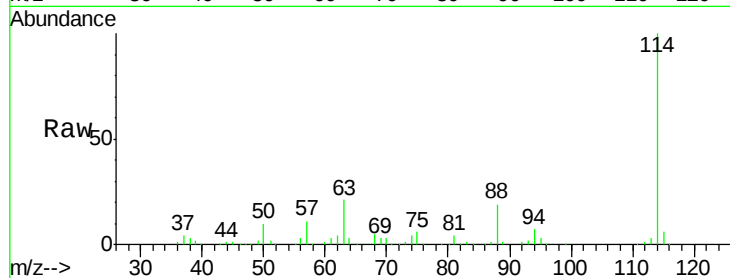
Tot Ion:114 Resp: 871246

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

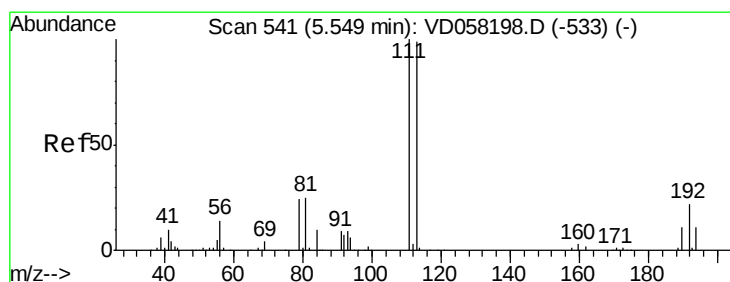
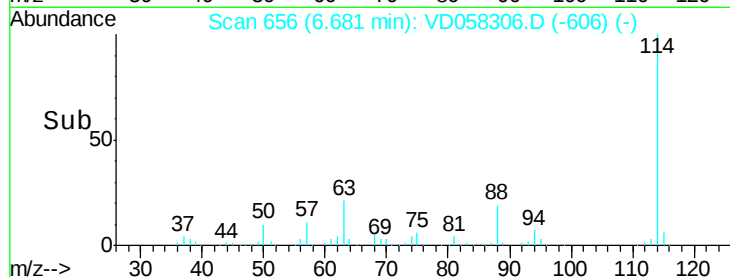
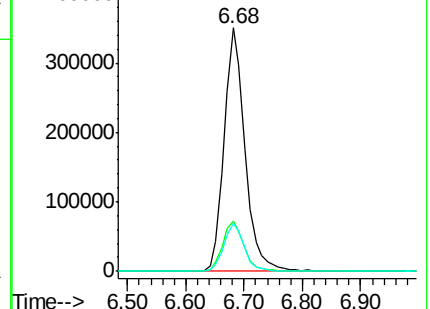
88 19.4 0.0 40.6



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: 50.000 ug/l

RT: 5.54 min Scan# 540

Delta R.T. -0.01 min

Lab File: VD058306.D

Acq: 22 Jun 2018 19:47

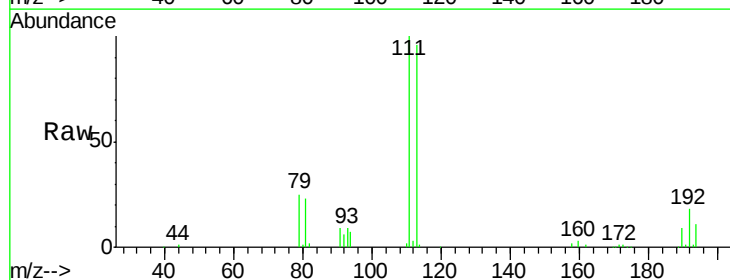
Tgt Ion:113 Resp: 398721

Ion Ratio Lower Upper

113 100

111 104.6 80.6 121.0

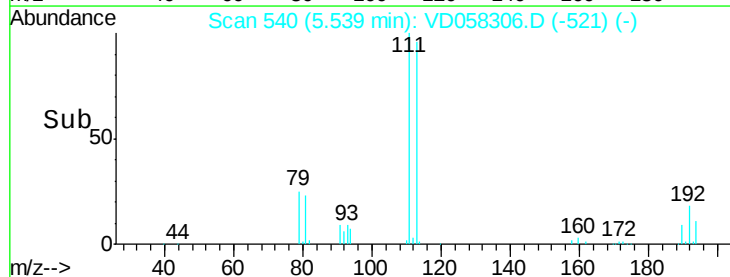
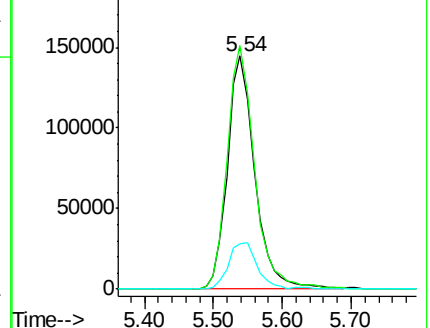
192 19.3 17.8 26.6

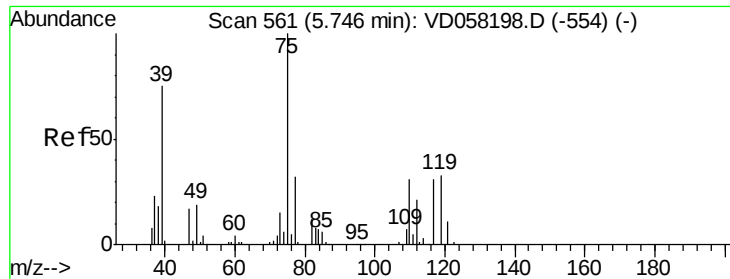


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

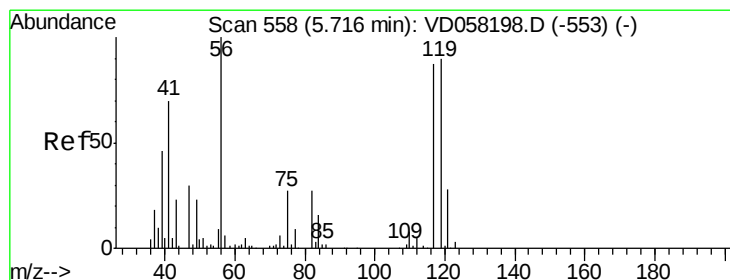
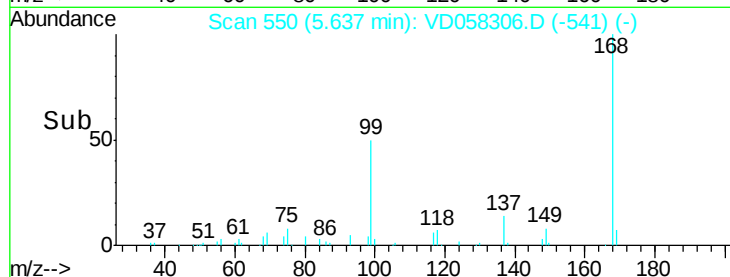
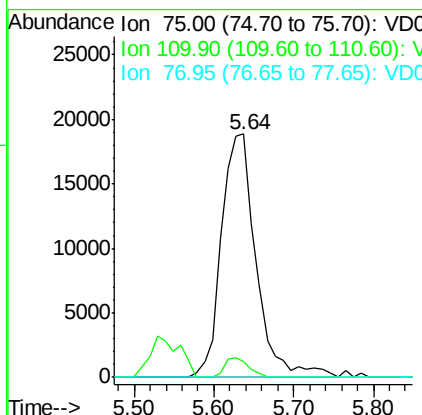
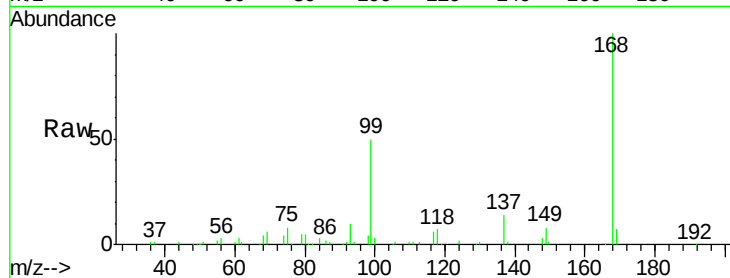




#36
 1,1-Dichloropropene
 Concen: 6.696 ug/l
 RT: 5.64 min Scan# 550
 Delta R.T. -0.11 min
 Lab File: VD058306.D
 Acq: 22 Jun 2018 19:47

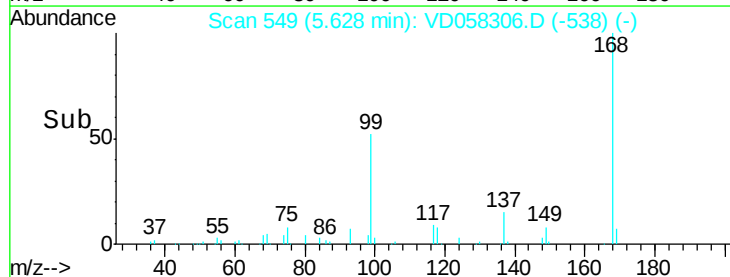
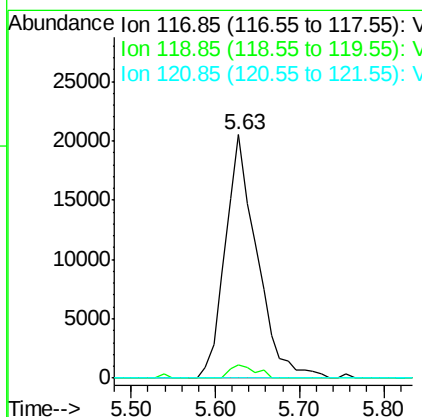
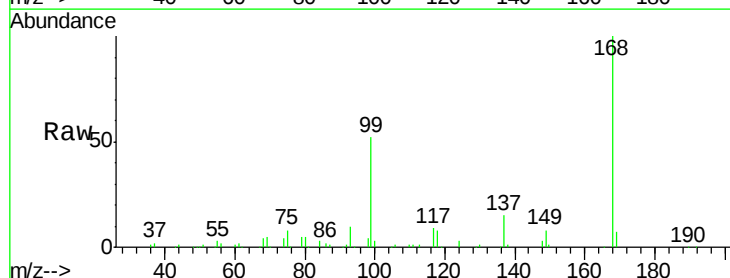
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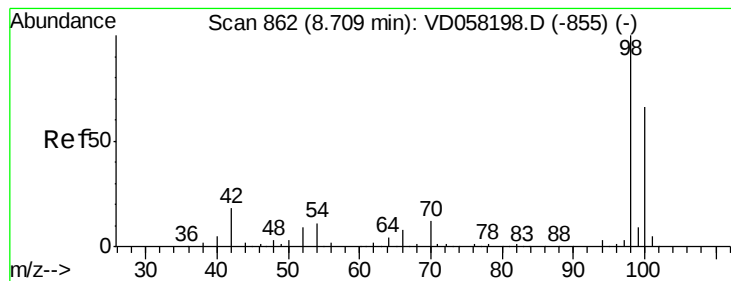
Tot Ion: 75 Resp: 57712
 Ion Ratio Lower Upper
 75 100
 110 6.5 15.4 46.4#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 6.262 ug/l
 RT: 5.63 min Scan# 549
 Delta R.T. -0.09 min
 Lab File: VD058306.D
 Acq: 22 Jun 2018 19:47

Tgt Ion: 117 Resp: 53630
 Ion Ratio Lower Upper
 117 100
 119 5.4 78.8 118.2#
 121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.70 min Scan# 861

Delta R.T. -0.01 min

Lab File: VD058306.D

Acq: 22 Jun 2018 19:47

Instrument :

MSVOA_D

ClientSampleId :

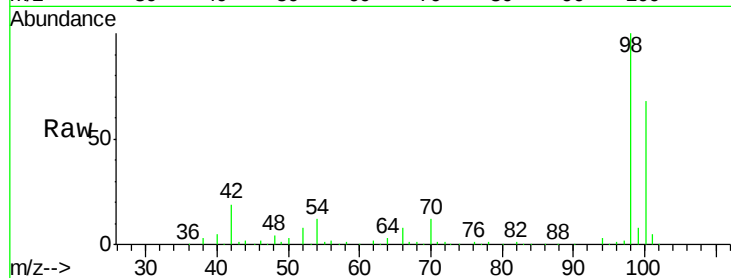
WP021SB470-12-14-180618

Tot Ion: 98 Resp: 912474

Ion Ratio Lower Upper

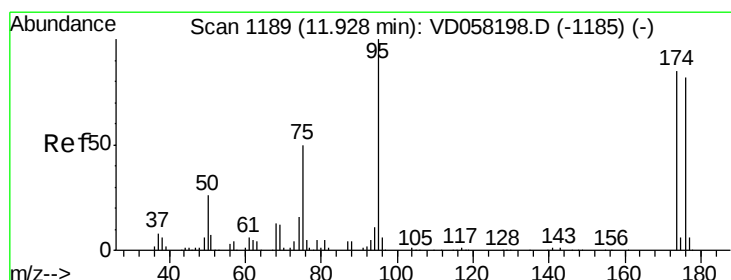
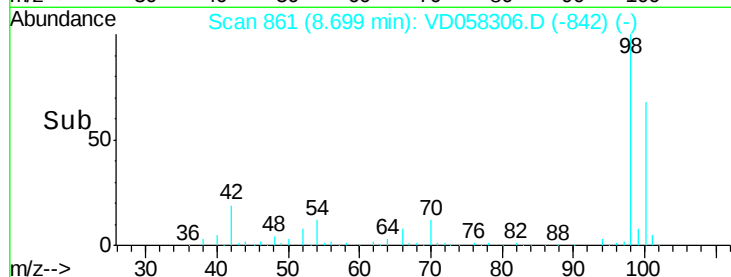
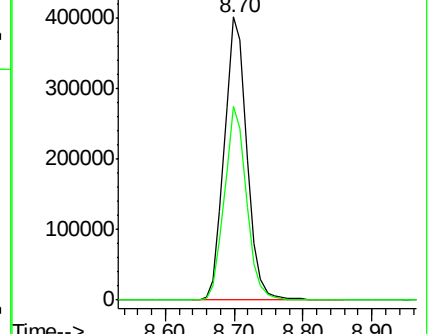
98 100

100 68.4 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.93 min Scan# 1189

Delta R.T. -0.00 min

Lab File: VD058306.D

Acq: 22 Jun 2018 19:47

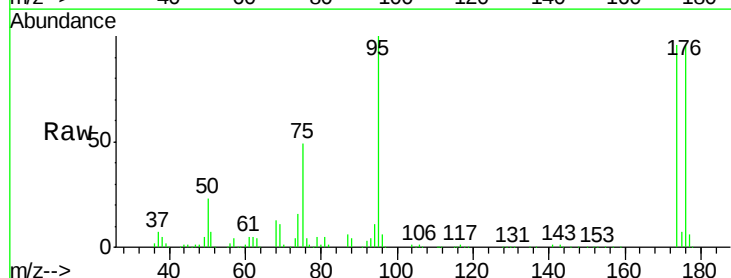
Tgt Ion: 95 Resp: 395422

Ion Ratio Lower Upper

95 100

174 96.4 0.0 170.2

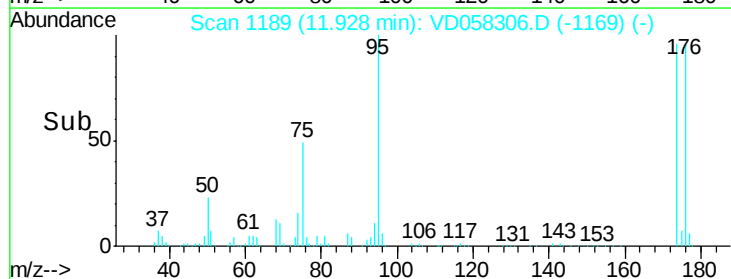
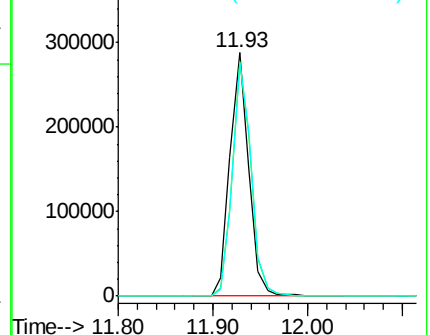
176 95.7 0.0 164.6

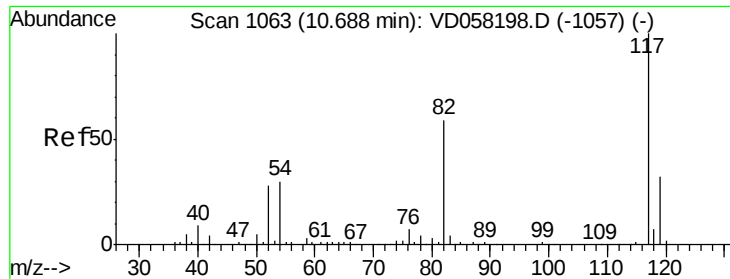


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

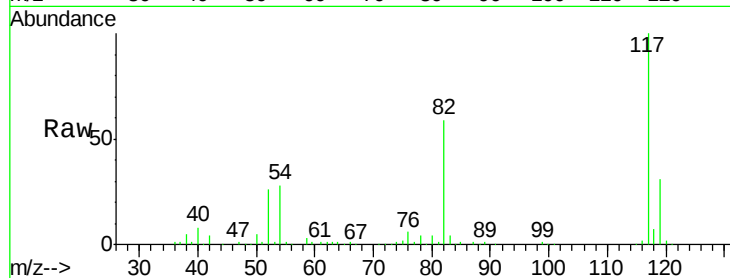




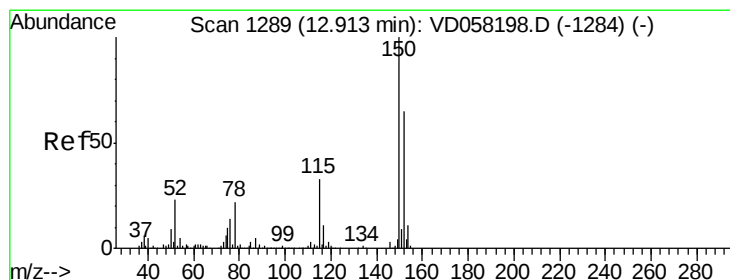
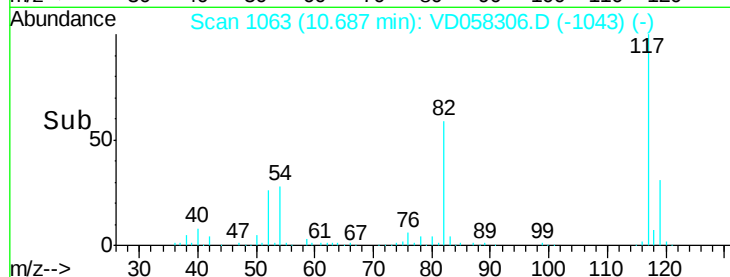
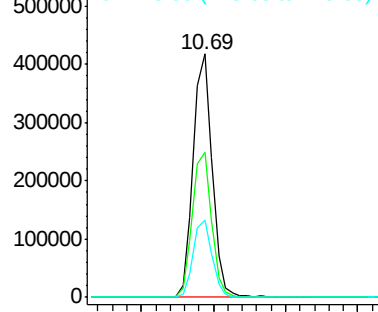
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. -0.00 min
Lab File: VD058306.D
Acq: 22 Jun 2018 19:47

Instrument :
MSVOA_D
ClientSampleId :
WP021SB470-12-14-180618

Tot Ion:117 Resp: 759757
Ion Ratio Lower Upper
117 100
82 59.4 47.0 70.6
119 31.5 25.3 37.9

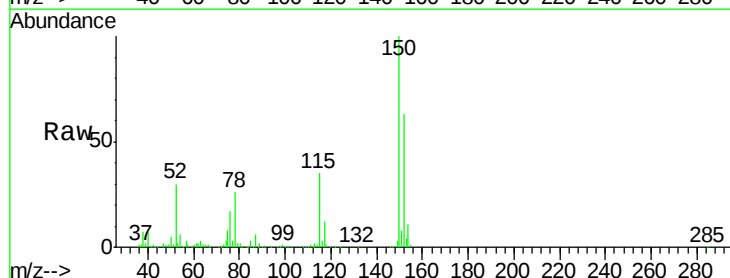


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

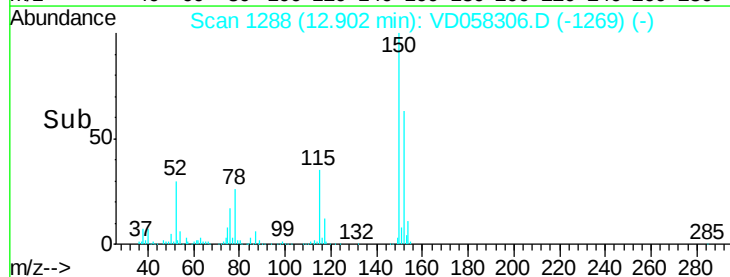
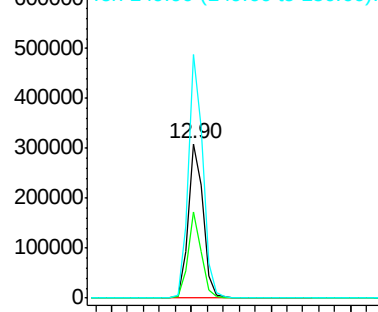


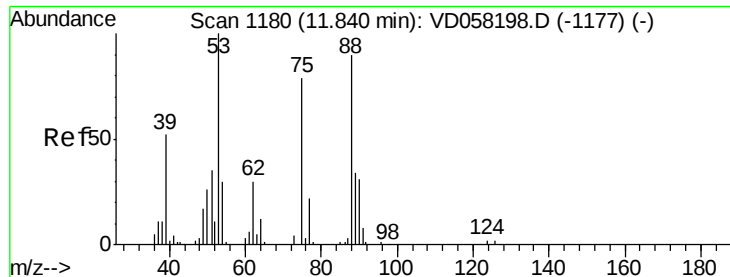
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. -0.01 min
Lab File: VD058306.D
Acq: 22 Jun 2018 19:47

Tgt Ion:152 Resp: 408216
Ion Ratio Lower Upper
152 100
115 55.7 25.1 75.3
150 157.5 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: 131.205 ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.09 min

Lab File: VD058306.D

Acq: 22 Jun 2018 19:47

Instrument :

MSVOA_D

ClientSampleId :

WP021SB470-12-14-180618

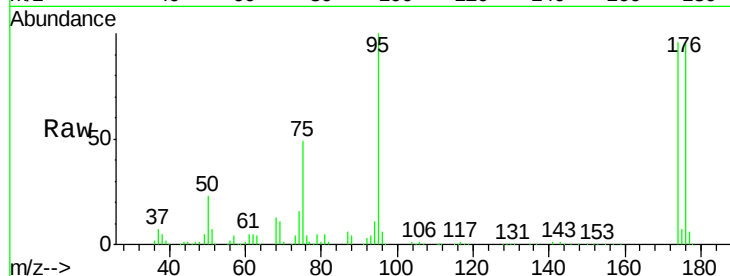
Tot Ion: 75 Resp: 190722

Ion Ratio Lower Upper

75 100

53 0.0 100.8 151.2#

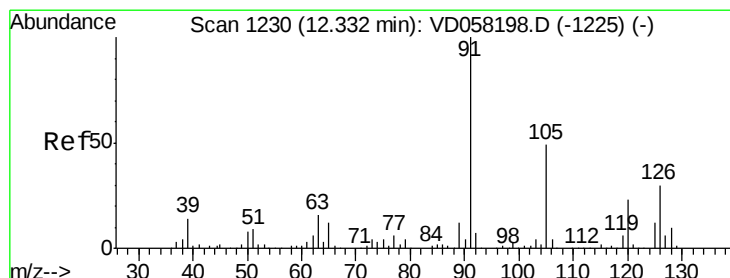
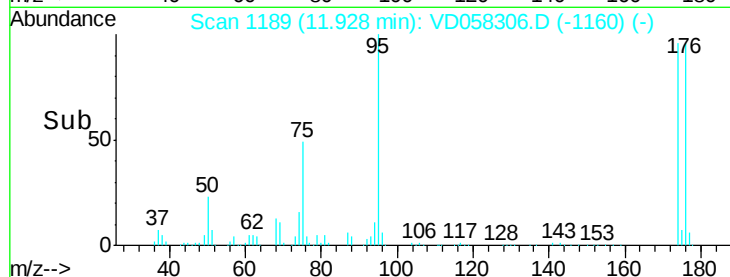
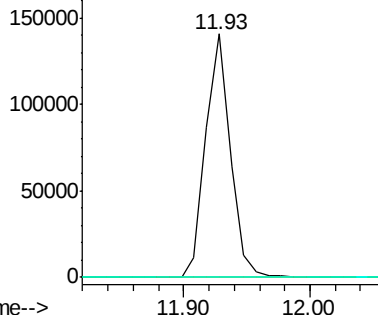
89 0.0 34.6 52.0#



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: 12.32 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VD058306.D

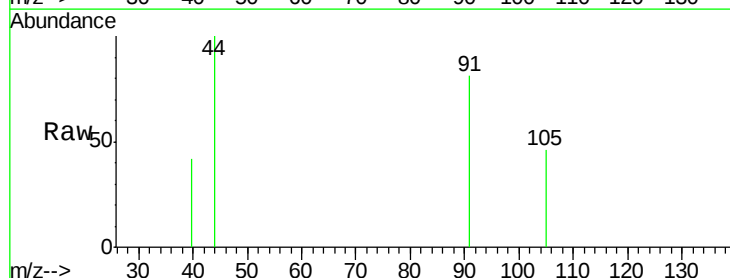
Acq: 22 Jun 2018 19:47

Tgt Ion: 91 Resp: 423

Ion Ratio Lower Upper

91 100

126 0.0 14.9 44.9#



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.95 (125.65 to 126.65): V

