

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072518\
 Data File : VD059600.D
 Acq On : 25 Jul 2018 20:26
 Operator : VA/AP
 Sample : J4026-08RE
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUP-0492-180716RE

Quant Time: Jul 26 04:31:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	25229	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.67	114	36993	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	34030	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.90	152	16604	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.99	65	27264	85.96	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	171.92%	
35) Dibromofluoromethane	5.52	113	19026	59.96	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	119.92%	
50) Toluene-d8	8.69	98	38187	53.05	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	106.10%	
62) 4-Bromofluorobenzene	11.92	95	17936	55.32	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	110.64%	

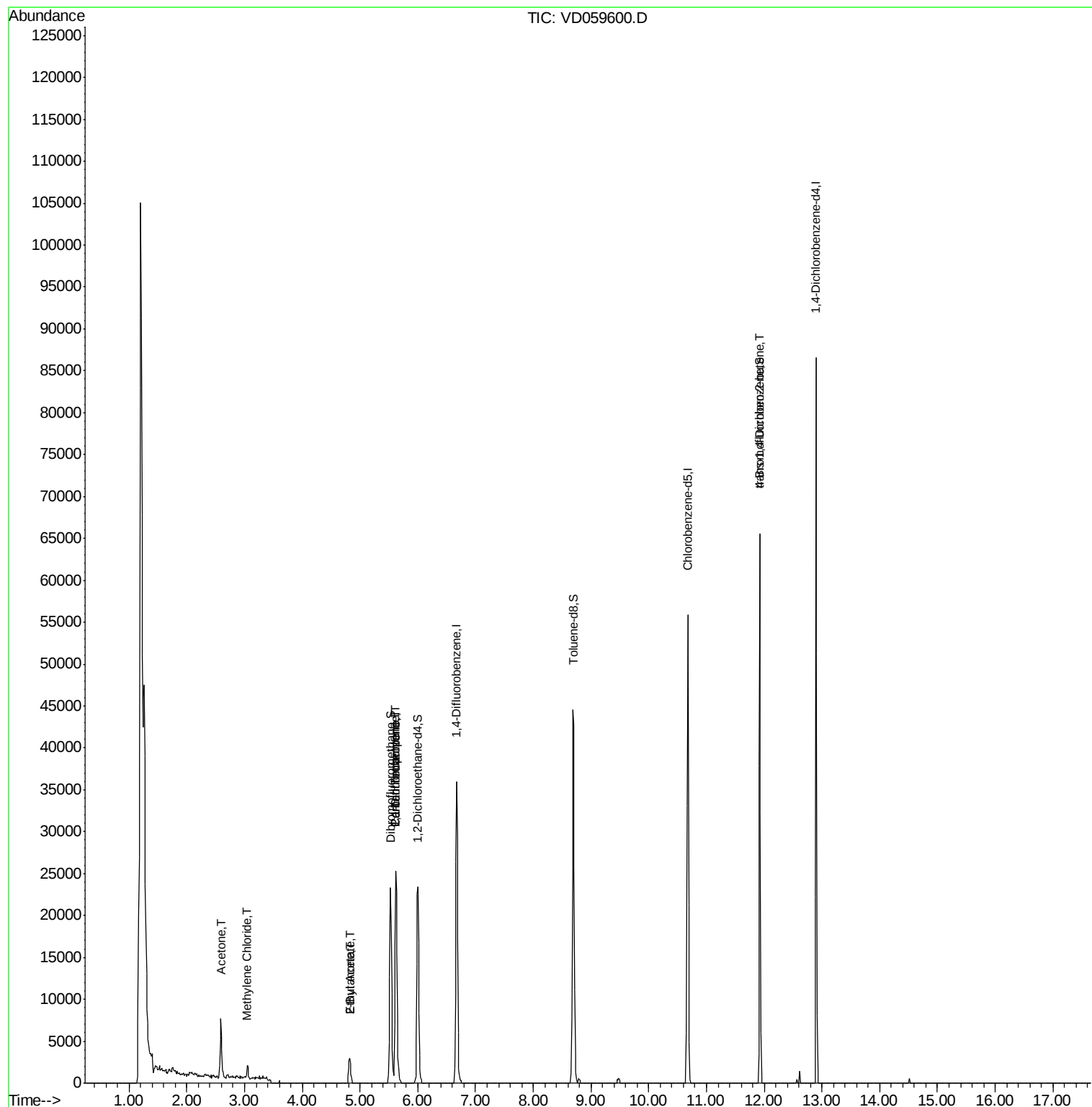
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.59	43	10518	219.59	ug/l	98
20) Methylene Chloride	3.05	84	722	5.29	ug/l #	61
25) 2-Butanone	4.81	43	4058	55.56	ug/l #	59
36) 1,1-Dichloropropene	5.61	75	1724	4.64	ug/l #	43
37) Ethyl Acetate	4.81	43	4058	21.25	ug/l #	71
38) Carbon Tetrachloride	5.62	117	2317	4.56	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	9014	128.40	ug/l #	1

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.62 min Scan# 548

Delta R.T. 0.01 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

Instrument :

MSVOA_D

ClientSampleId :

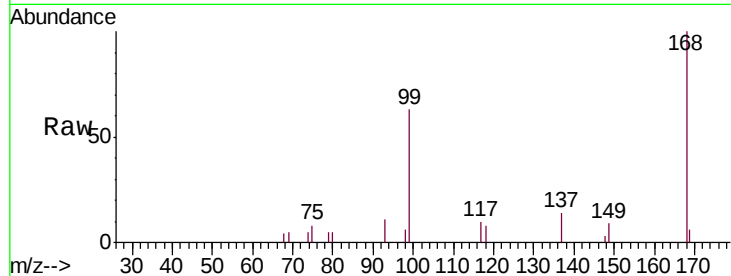
DUP-0492-180716RE

Tot Ion:168 Resp: 25229

Ion Ratio Lower Upper

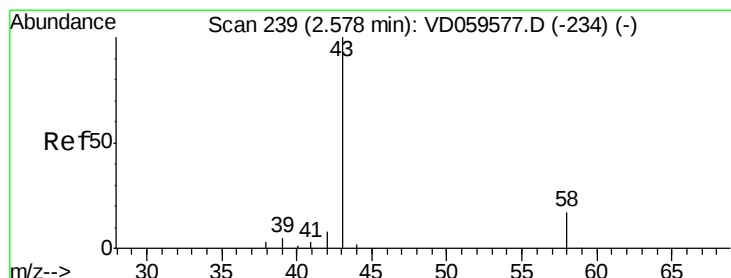
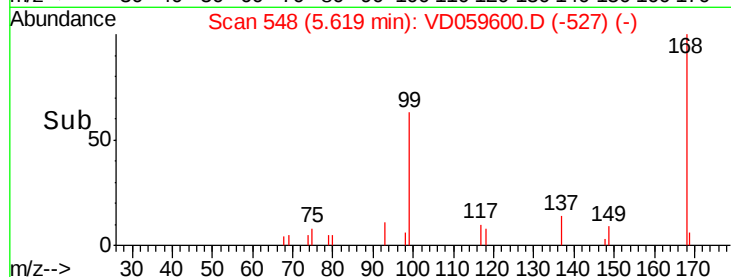
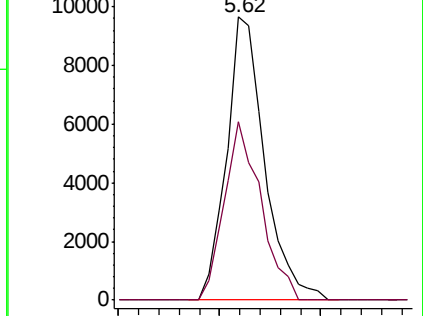
168 100

99 62.9 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 219.59 ug/l

RT: 2.59 min Scan# 240

Delta R.T. 0.01 min

Lab File: VD059600.D

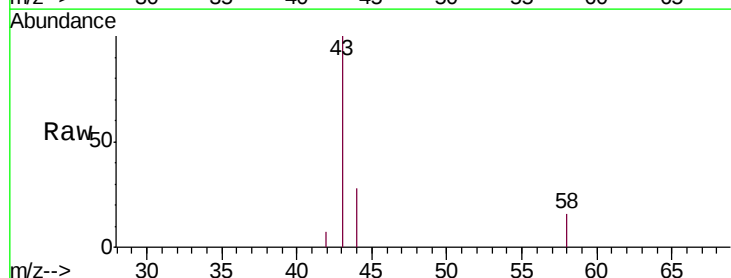
Acq: 25 Jul 2018 20:26

Tgt Ion: 43 Resp: 10518

Ion Ratio Lower Upper

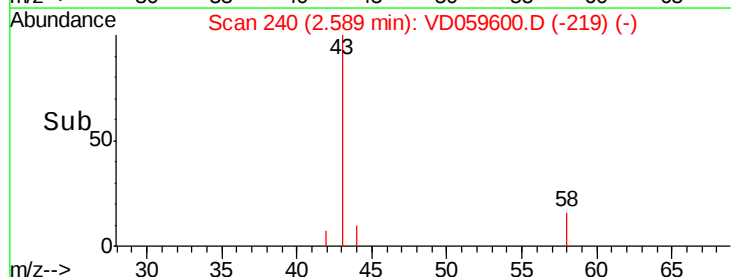
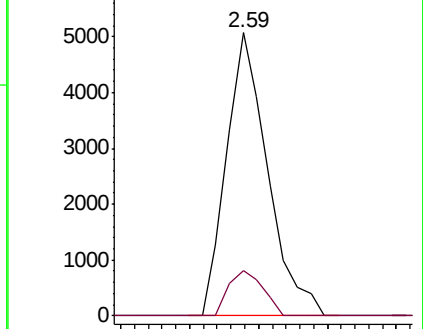
43 100

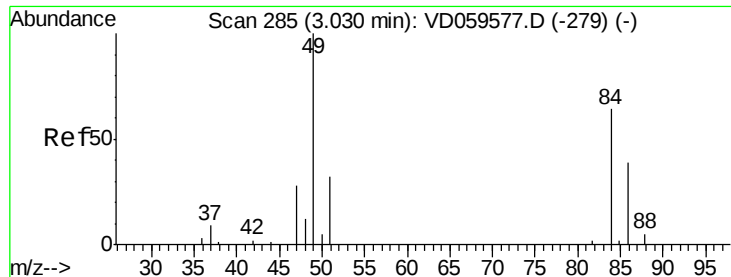
58 15.9 13.4 20.0



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

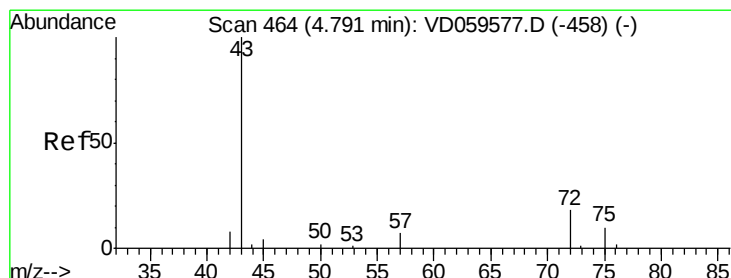
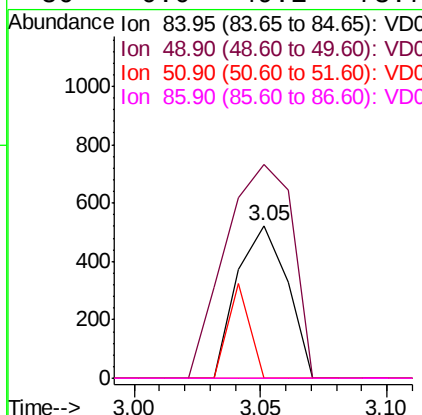
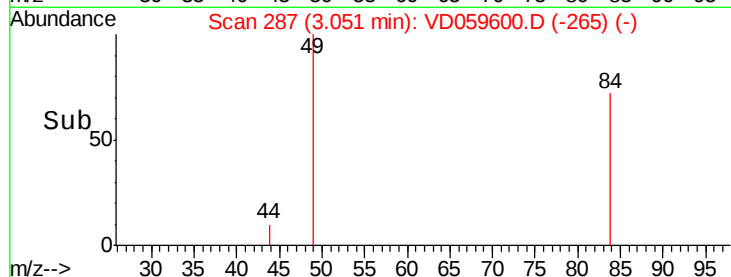
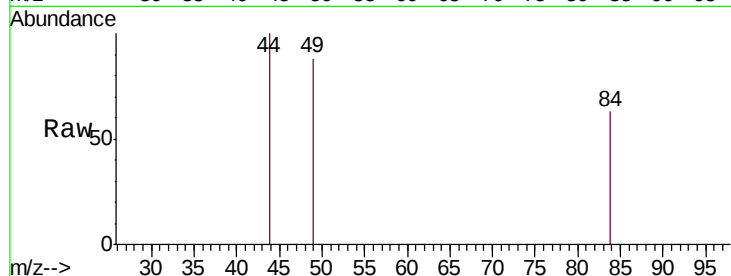




#20
Methvlene Chloride
Concen: 5.29 ug/l
RT: 3.05 min Scan# 287
Delta R.T. 0.02 min
Lab File: VD059600.D
Acq: 25 Jul 2018 20:26

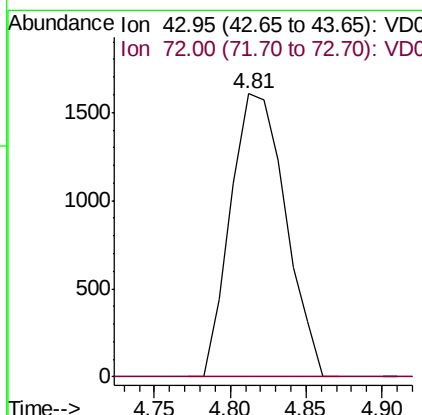
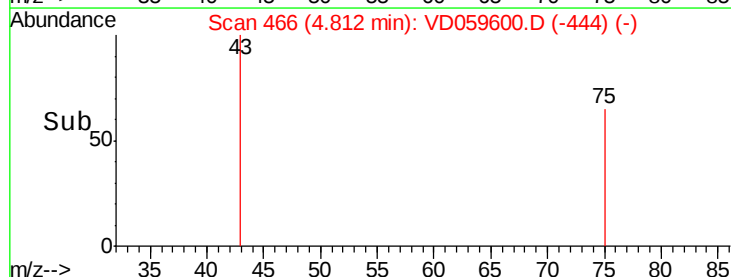
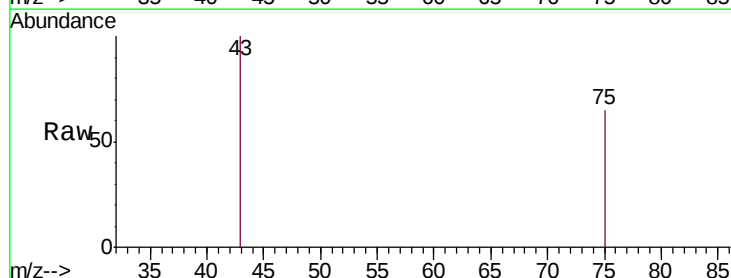
Instrument :
MSVOA_D
ClientSampleId :
DUP-0492-180716RE

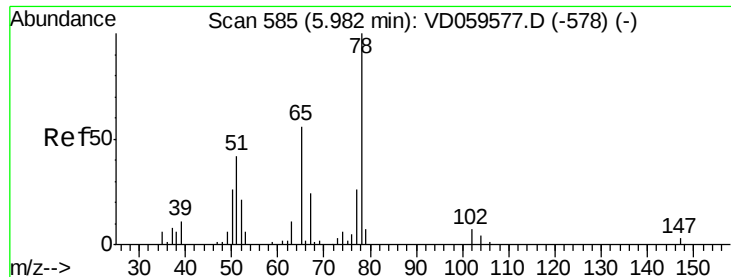
Tot Ion: 84 Resp: 722
Ion Ratio Lower Upper
84 100
49 139.7 125.4 188.2
51 0.0 39.7 59.5#
86 0.0 49.1 73.7#



#25
2-Butanone
Concen: 55.56 ug/l
RT: 4.81 min Scan# 466
Delta R.T. 0.02 min
Lab File: VD059600.D
Acq: 25 Jul 2018 20:26

Tgt Ion: 43 Resp: 4058
Ion Ratio Lower Upper
43 100
72 0.0 14.7 22.1#





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 5.99 min Scan# 586

Delta R.T. 0.01 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

Instrument :

MSVOA_D

ClientSampleId :

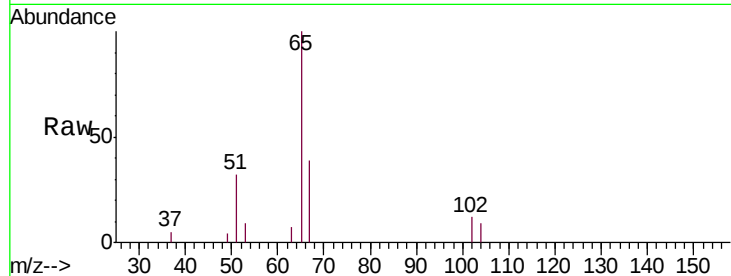
DUP-0492-180716RE

Tot Ion: 65 Resp: 27264

Ion Ratio Lower Upper

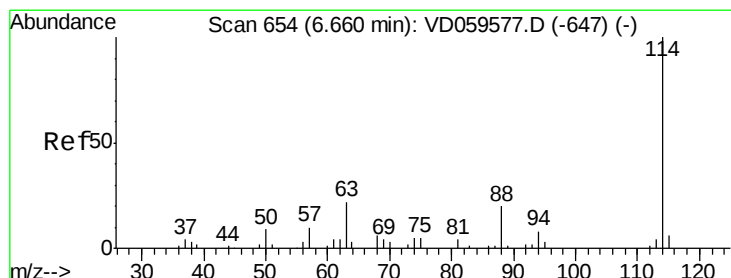
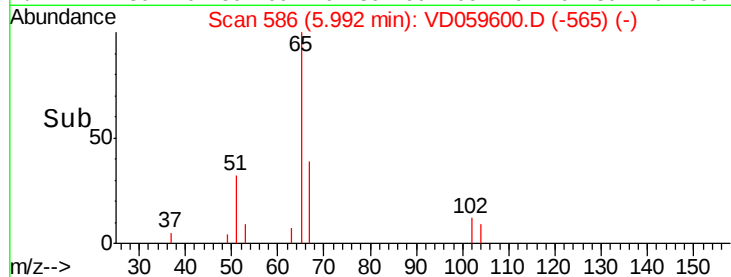
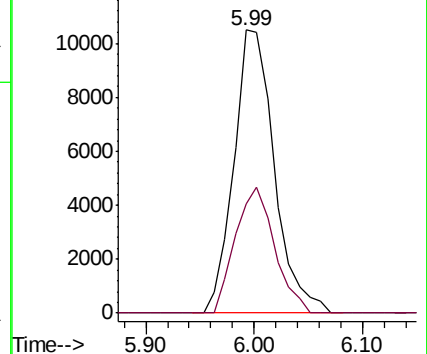
65 100

67 38.7 0.0 86.4



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: 6.67 min Scan# 655

Delta R.T. 0.01 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

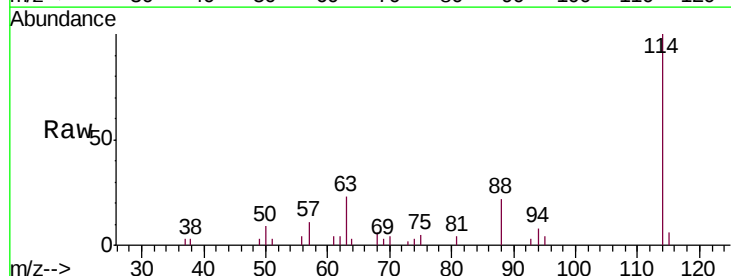
Tgt Ion: 114 Resp: 36993

Ion Ratio Lower Upper

114 100

63 22.9 0.0 43.8

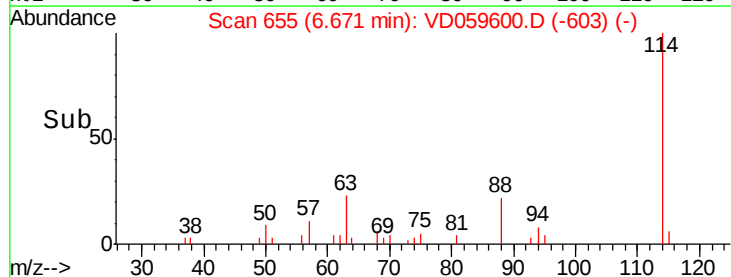
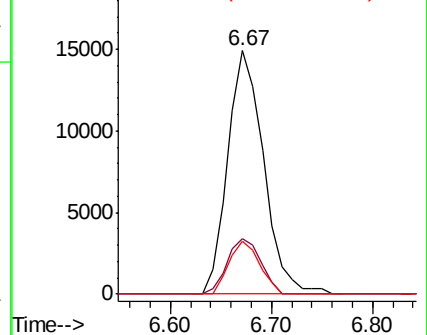
88 21.9 0.0 39.0

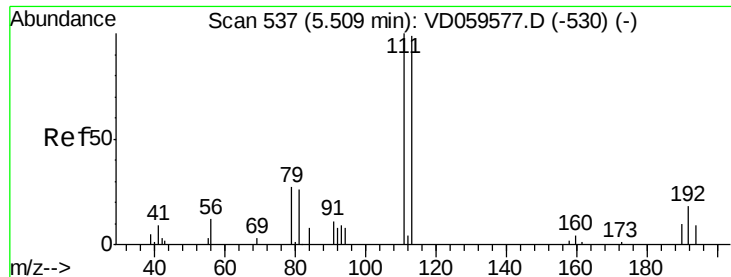


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 5.52 min Scan# 538

Delta R.T. 0.01 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

Instrument :

MSVOA_D

ClientSampleId :

DUP-0492-180716RE

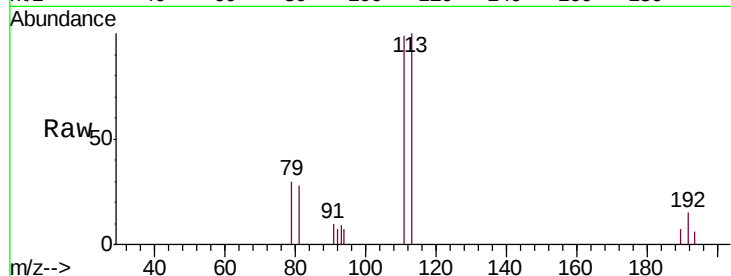
Tot Ion:113 Resp: 19026

Ion Ratio Lower Upper

113 100

111 98.7 80.5 120.7

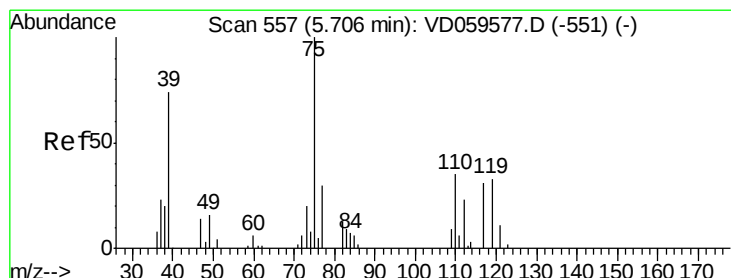
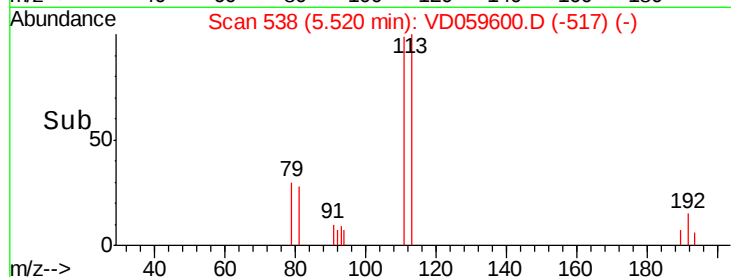
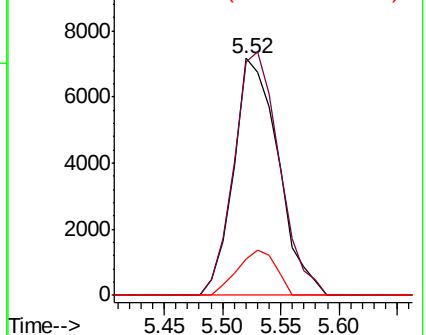
192 15.2 14.5 21.7



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: 4.64 ug/l

RT: 5.61 min Scan# 547

Delta R.T. -0.10 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

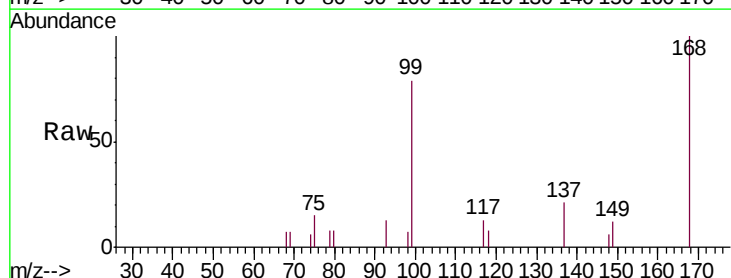
Tgt Ion: 75 Resp: 1724

Ion Ratio Lower Upper

75 100

110 0.0 17.0 50.9#

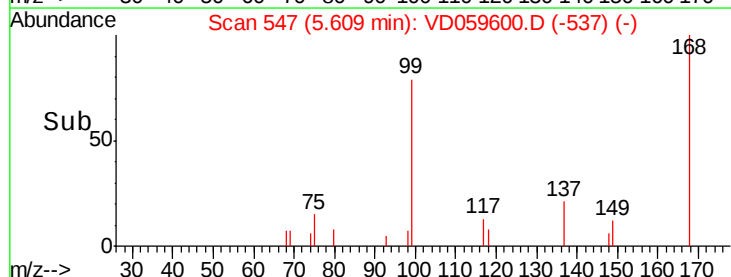
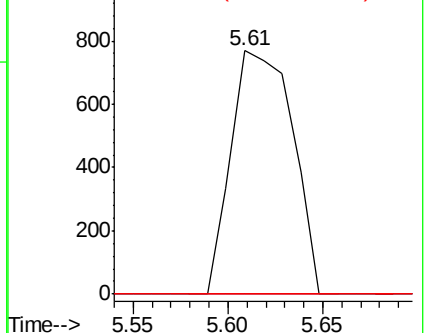
77 0.0 23.6 35.4#

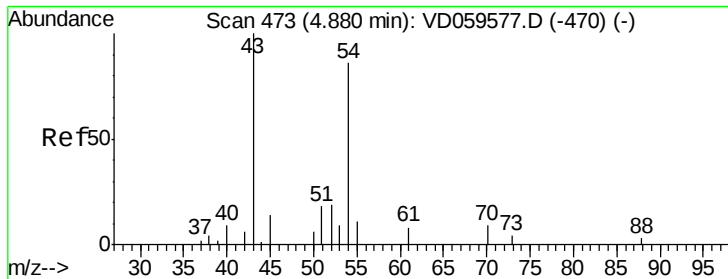


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V





#37

Ethyl Acetate

Concen: 21.25 ug/l

RT: 4.81 min Scan# 466

Delta R.T. -0.07 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

Instrument :

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ClientSampleId :

DUP-0492-180716RE

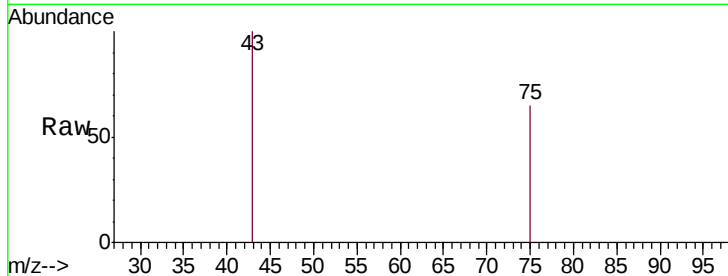
Tot Ion: 43 Resp: 4058

Ion Ratio Lower Upper

43 100

61 0.0 10.7 16.1#

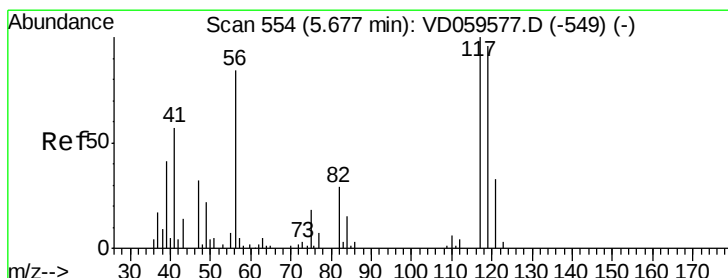
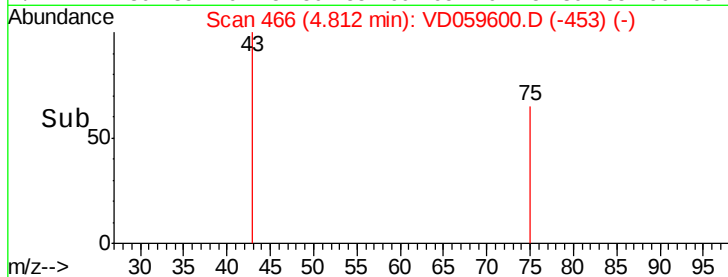
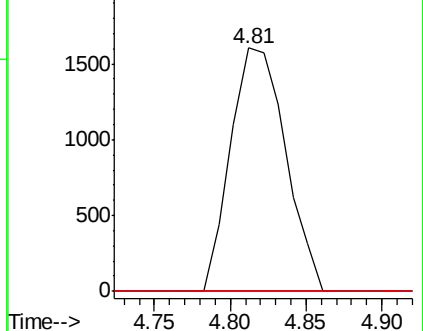
70 0.0 5.4 8.0#



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



#38

Carbon Tetrachloride

Concen: 4.56 ug/l

RT: 5.62 min Scan# 548

Delta R.T. -0.06 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

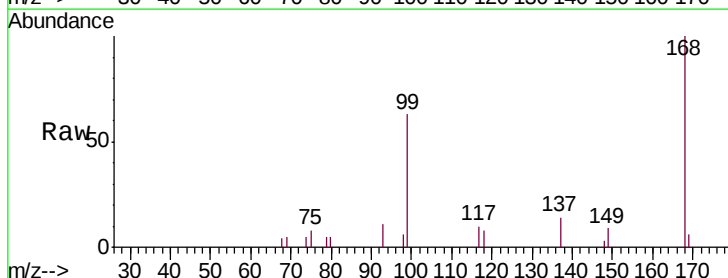
Tgt Ion: 117 Resp: 2317

Ion Ratio Lower Upper

117 100

119 0.0 73.6 110.4#

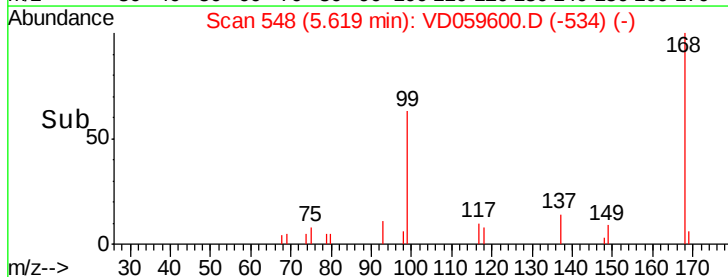
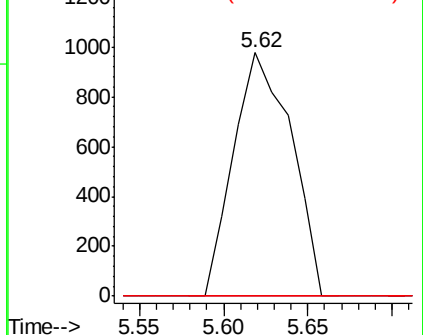
121 0.0 25.0 37.6#

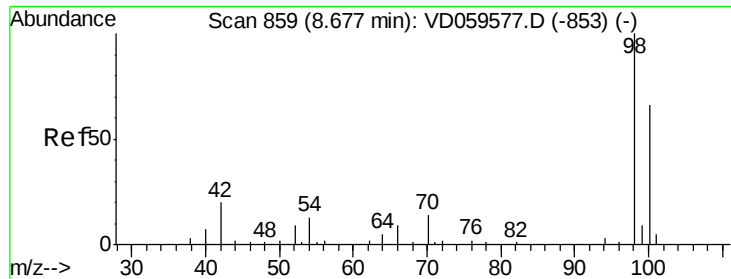


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

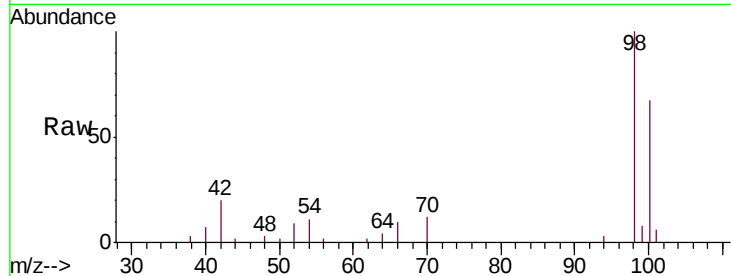




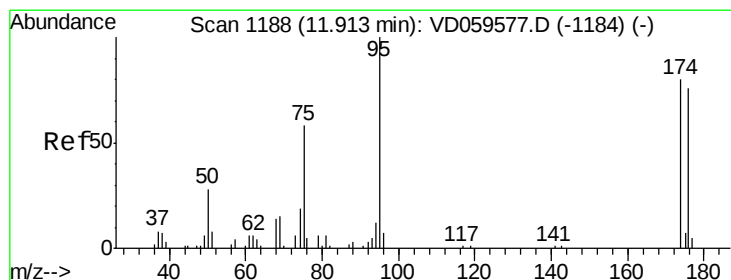
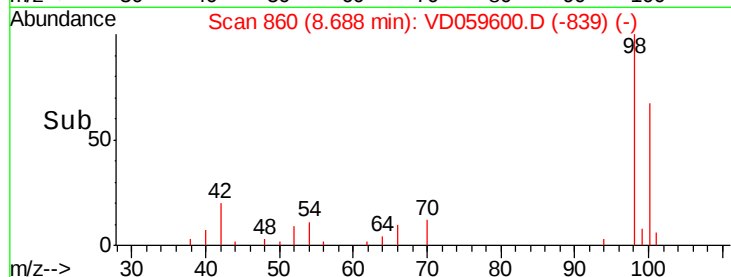
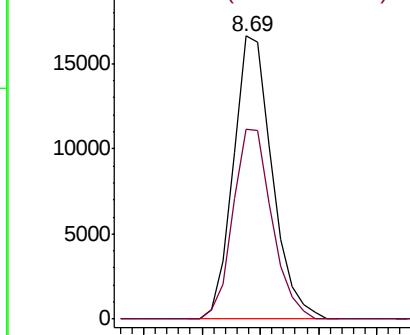
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. 0.01 min
Lab File: VD059600.D
Acq: 25 Jul 2018 20:26

Instrument :
MSVOA_D
ClientSampleId :
DUP-0492-180716RE

Tot Ion: 98 Resp: 38187
Ion Ratio Lower Upper
98 100
100 67.2 53.2 79.8

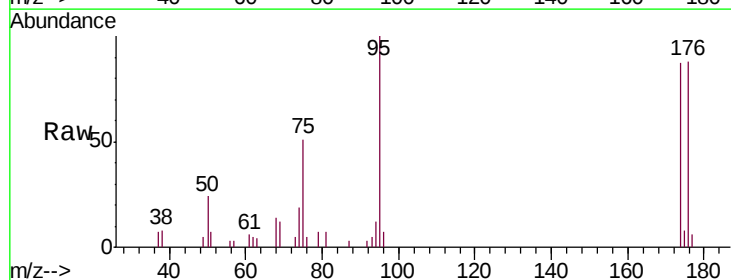


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

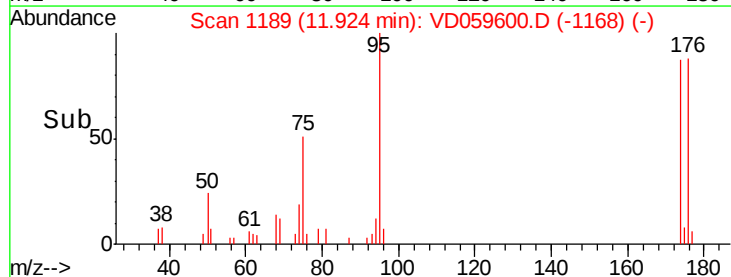
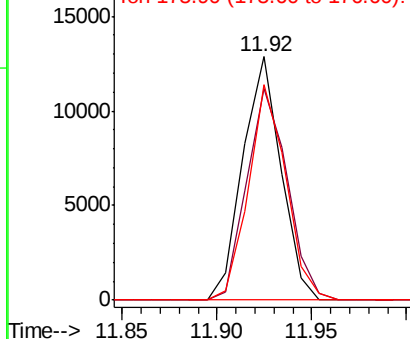


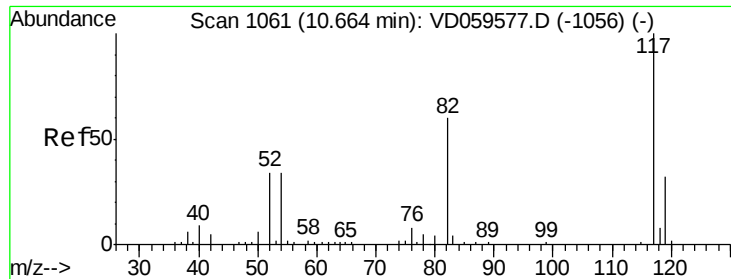
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059600.D
Acq: 25 Jul 2018 20:26

Tgt Ion: 95 Resp: 17936
Ion Ratio Lower Upper
95 100
174 87.0 0.0 160.6
176 88.3 0.0 152.8



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

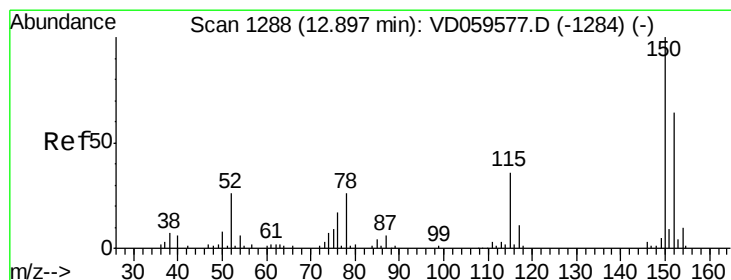
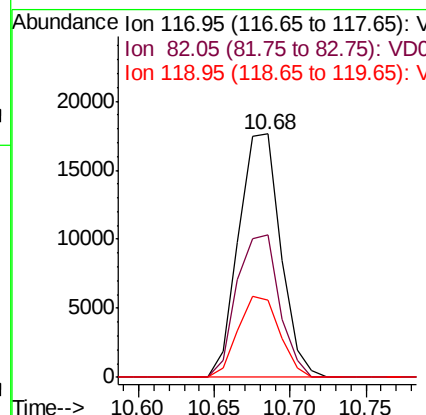
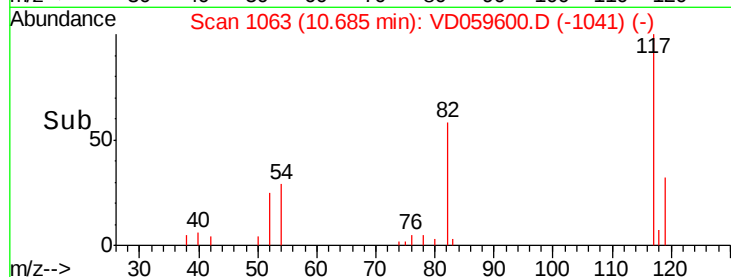
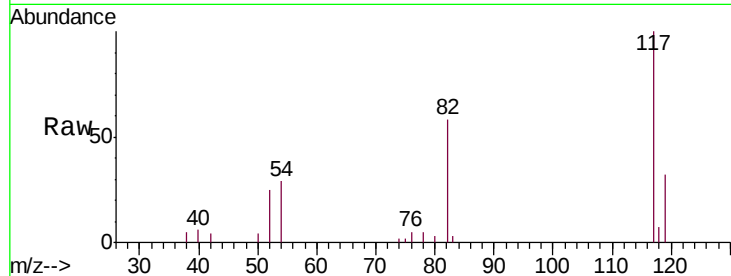




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1063
Delta R.T. 0.02 min
Lab File: VD059600.D
Acq: 25 Jul 2018 20:26

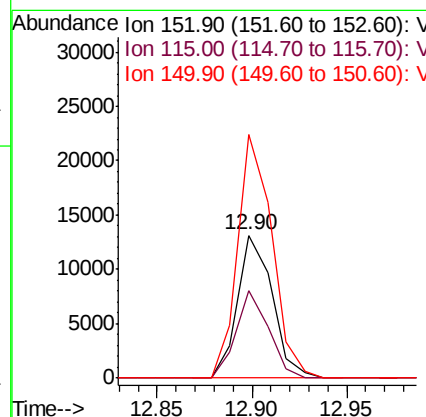
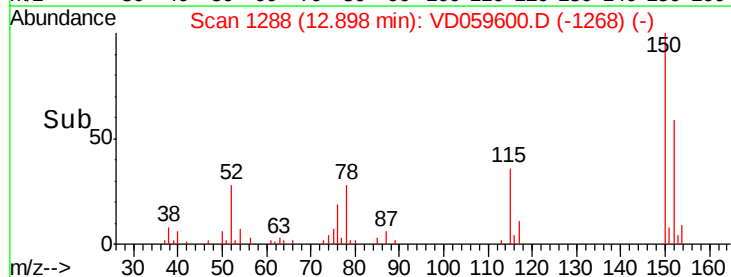
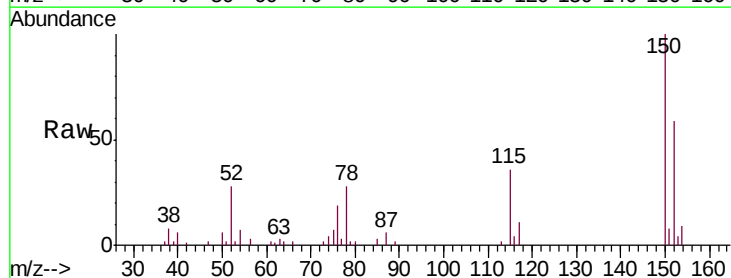
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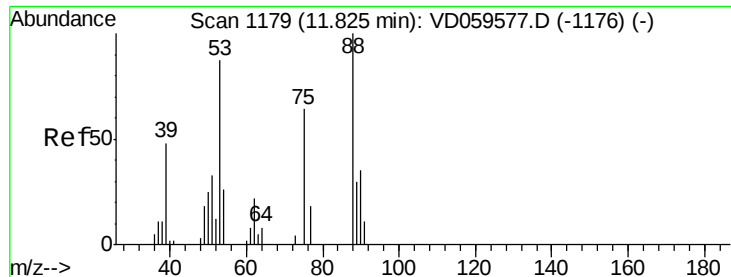
Tot Ion:117 Resp: 34030
Ion Ratio Lower Upper
117 100
82 58.5 48.2 72.2
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VD059600.D
Acq: 25 Jul 2018 20:26

Tgt Ion:152 Resp: 16604
Ion Ratio Lower Upper
152 100
115 61.7 29.5 88.6
150 170.8 0.0 314.4





#81

trans-1,4-Dichloro-2-butene

Concen: 128.40 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.10 min

Lab File: VD059600.D

Acq: 25 Jul 2018 20:26

Instrument :

MSVOA_D

ClientSampleId :

DUP-0492-180716RE

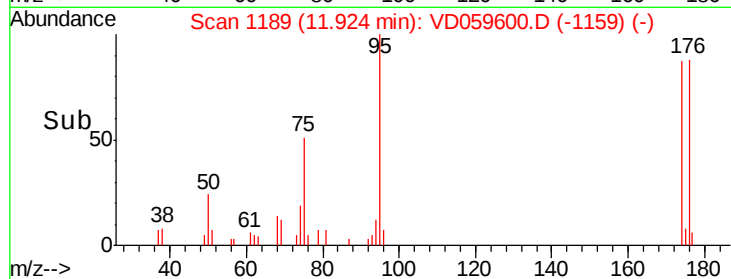
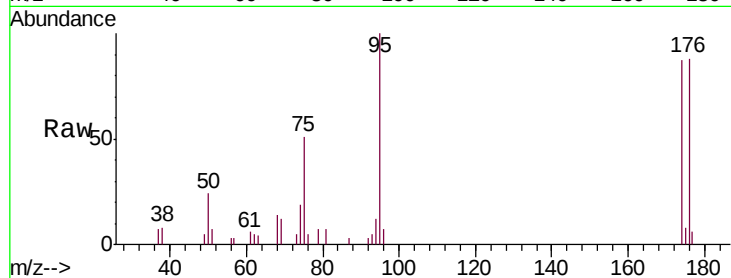
Tot Ion: 75 Resp: 9014

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#



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

