

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
 Data File : VD060605.D
 Acq On : 17 Dec 2018 17:55
 Operator : VA/AP
 Sample : J6424-05
 Misc : 5.15g/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SODUP02_121318

Quant Time: Dec 18 11:17:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1407668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1931627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1567453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	827948	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.80	65	530552	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
35) Dibromofluoromethane	6.34	113	714339	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	9.47	98	2051869	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.43	95	694971	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	

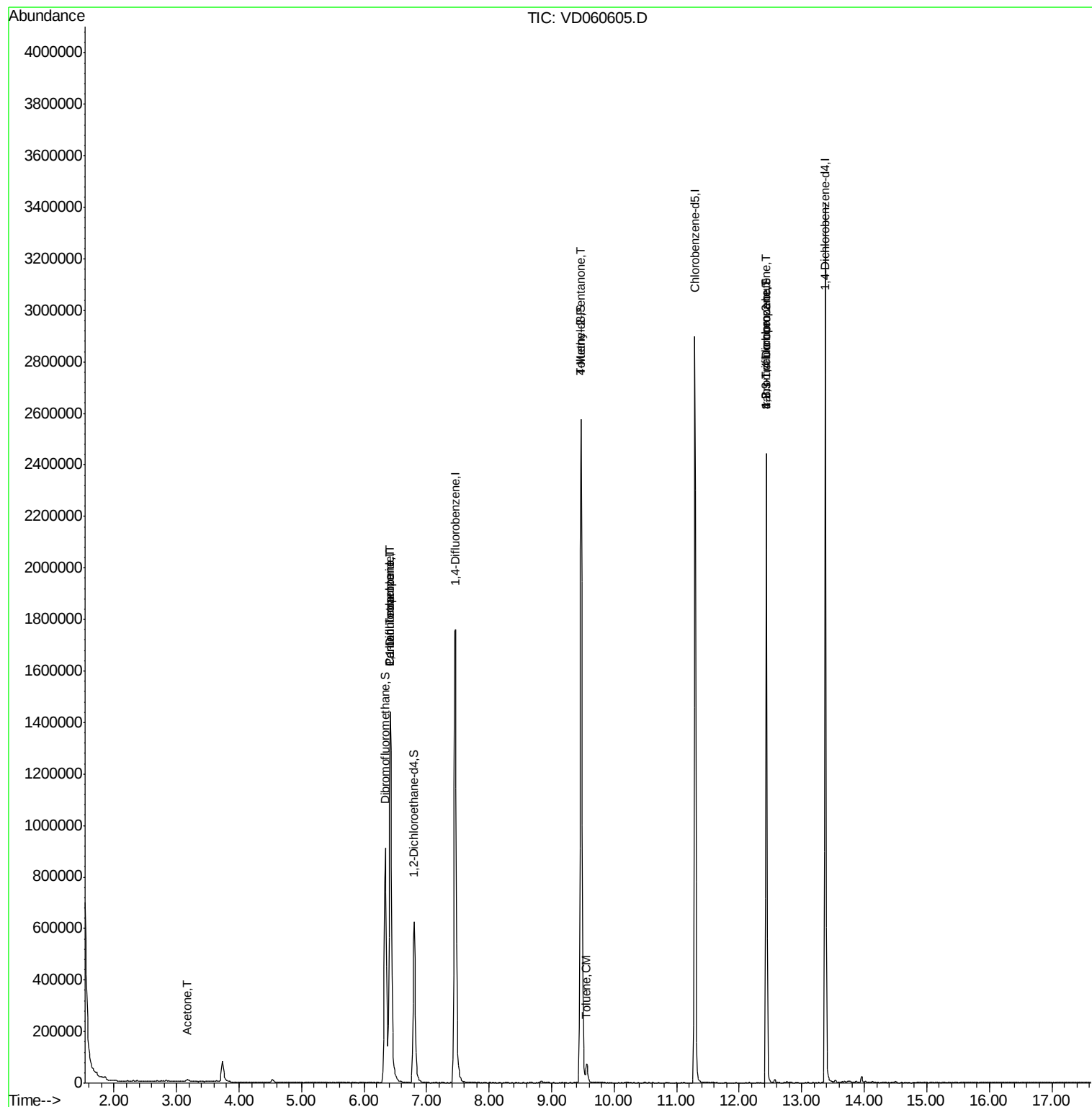
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.61	85	470	Below Cal	#	41
16) Acetone	3.18	43	14326	8.958	ug/l	96
20) Methylene Chloride	3.73	84	53902	Below Cal		98
31) Cyclohexane	6.42	56	25769	Below Cal	#	1
36) 1,1-Dichloropropene	6.42	75	98883	5.237	ug/l	# 48
38) Carbon Tetrachloride	6.42	117	107681	6.353	ug/l	# 15
51) 4-Methyl-2-Pentanone	9.47	43	11646	1.852	ug/l	# 1
52) Toluene	9.57	92	33138	1.099	ug/l	86
76) 1,2,3-Trichloropropane	12.43	75	239439	25.523	ug/l	# 45
81) trans-1,4-Dichloro-2-buten	12.43	75	286225	109.395	ug/l	# 14
89) n-Butylbenzene	13.65	91	254	Below Cal	#	29

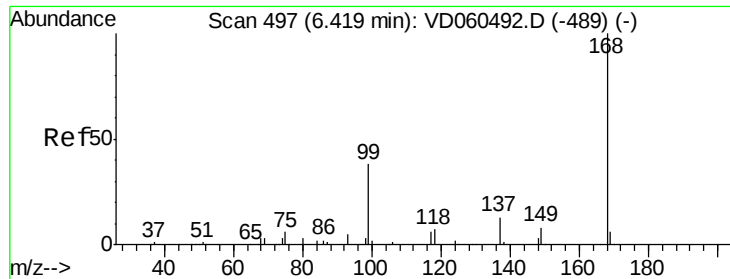
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121718\
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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.00 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

Instrument :

MSVOA_D

ClientSampleId :

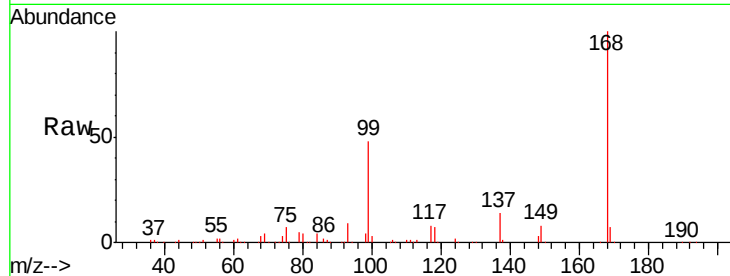
SODUP02_121318

Tgt Ion:168 Resp: 1407668

Ion Ratio Lower Upper

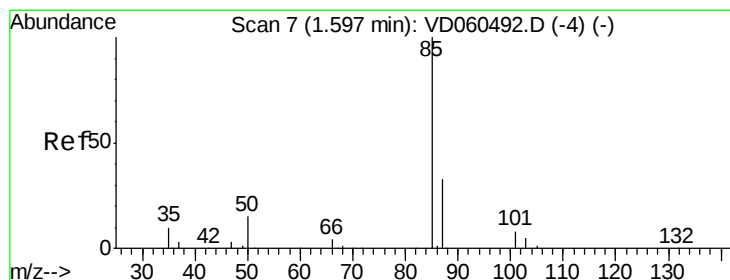
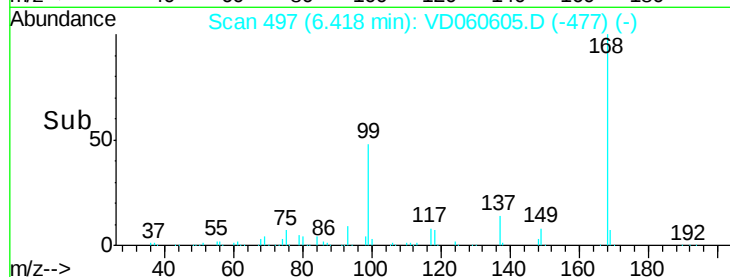
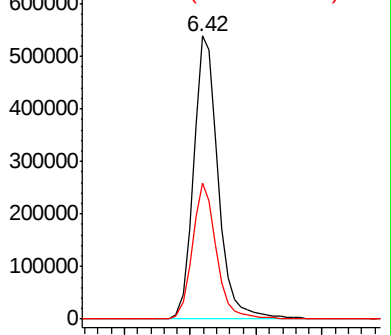
168 100

99 48.3 35.6 53.4



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: 1.61 min Scan# 8

Delta R.T. 0.01 min

Lab File: VD060605.D

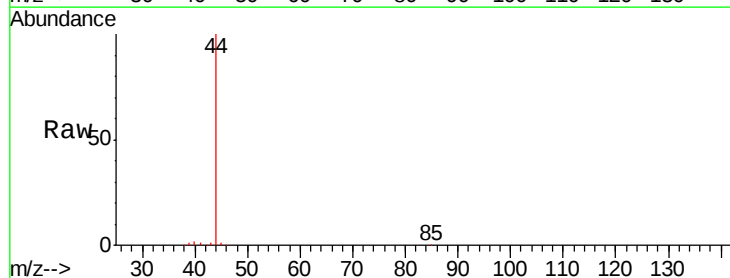
Acq: 17 Dec 2018 17:55

Tgt Ion: 85 Resp: 470

Ion Ratio Lower Upper

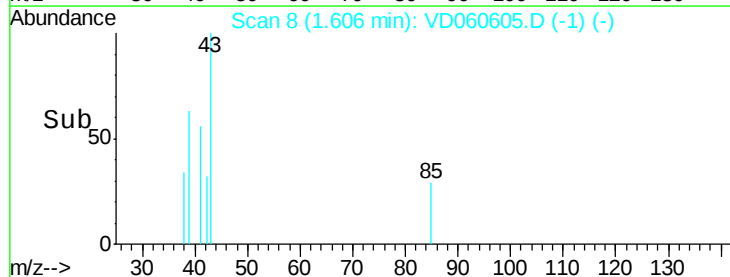
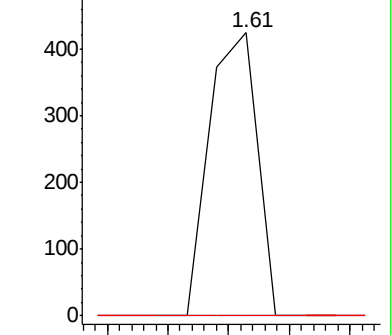
85 100

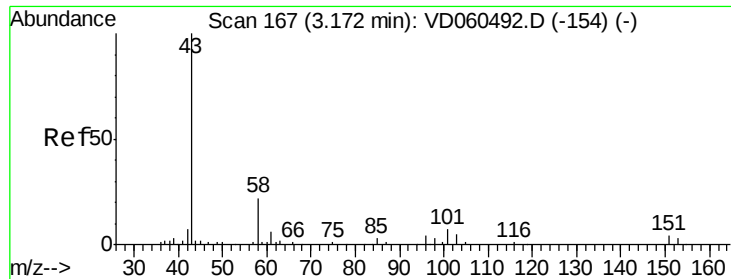
87 0.0 16.7 50.0#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#16

Acetone

Concen: 8.958 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

Instrument :

MSVOA_D

ClientSampleId :

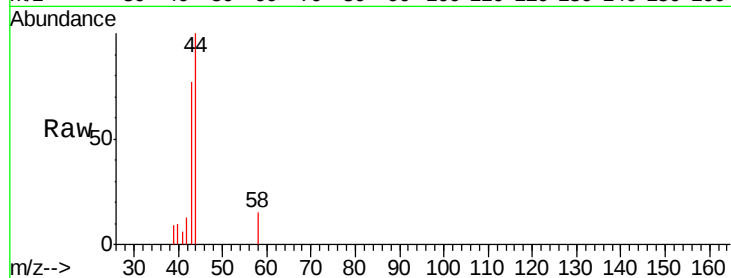
SODUP02_121318

Tgt Ion: 43 Resp: 14326

Ion Ratio Lower Upper

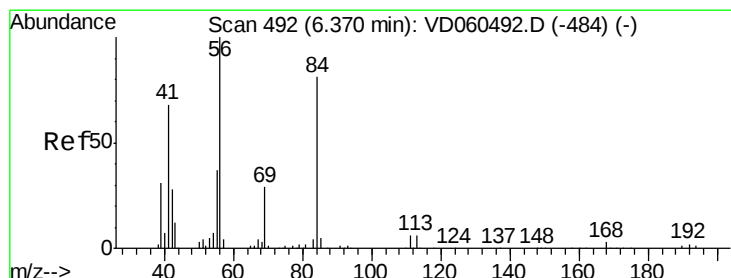
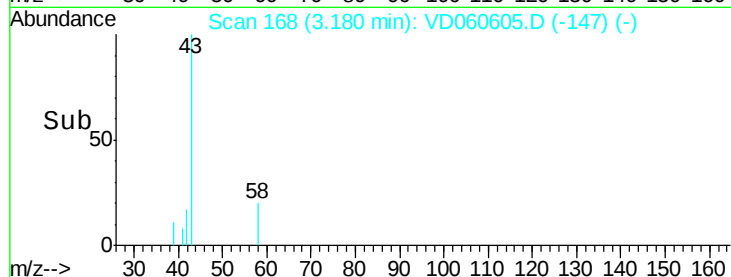
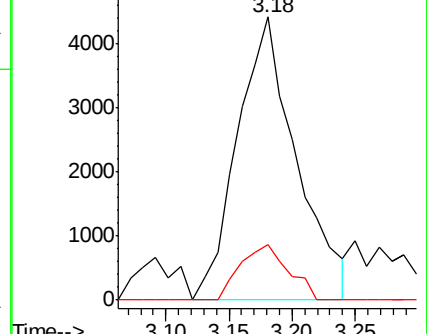
43 100

58 19.7 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#31

Cyclohexane

Concen: Below Cal

RT: 6.42 min Scan# 497

Delta R.T. 0.05 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

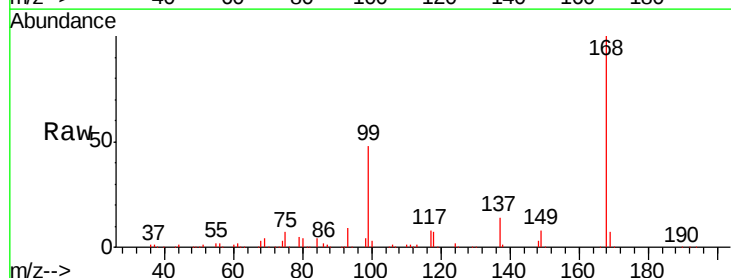
Tgt Ion: 56 Resp: 25769

Ion Ratio Lower Upper

56 100

69 240.7 22.8 34.2#

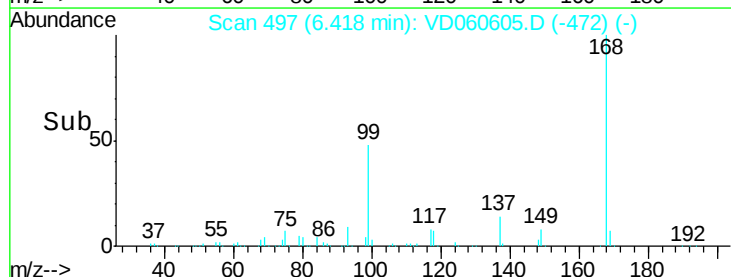
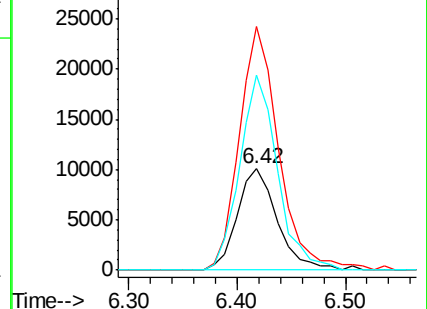
84 192.7 65.1 97.7#

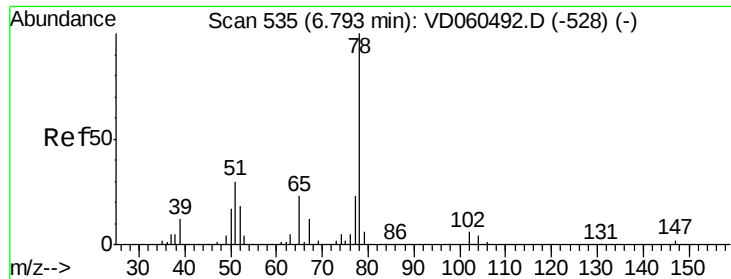


Abundance Ion 55.95 (55.65 to 56.65): VDC

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: 6.80 min Scan# 536

Delta R.T. 0.01 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

Instrument :

MSVOA_D

ClientSampleId :

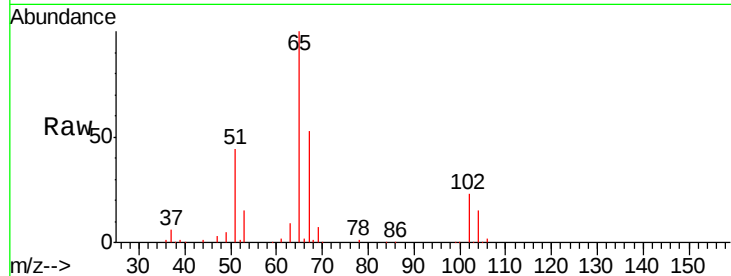
SODUP02_121318

Tgt Ion: 65 Resp: 530552

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

250000

200000

150000

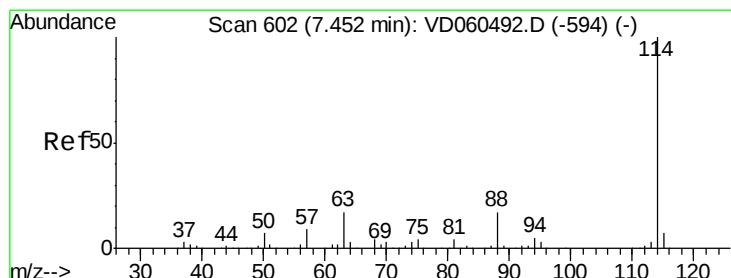
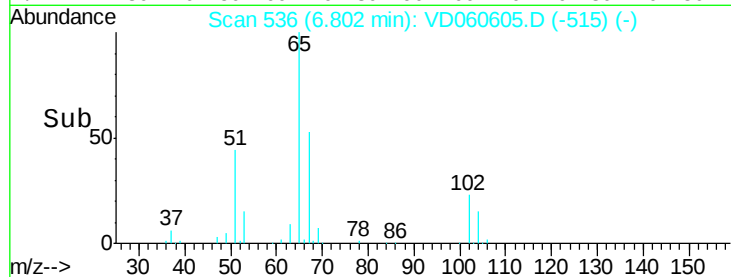
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.46 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

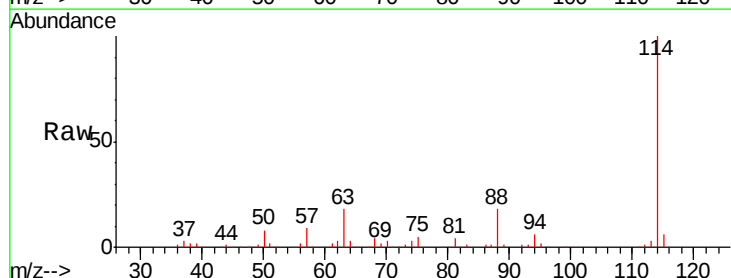
Tgt Ion: 114 Resp: 1931627

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.2

88 18.1 0.0 35.0



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

1000000

800000

600000

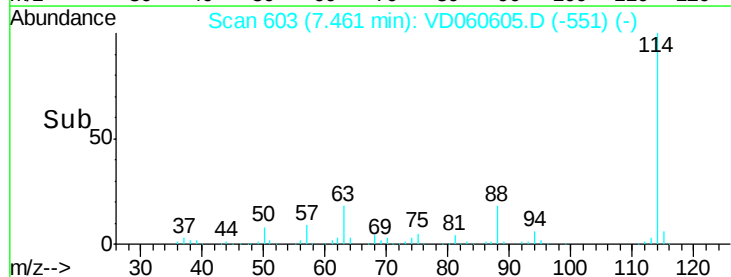
400000

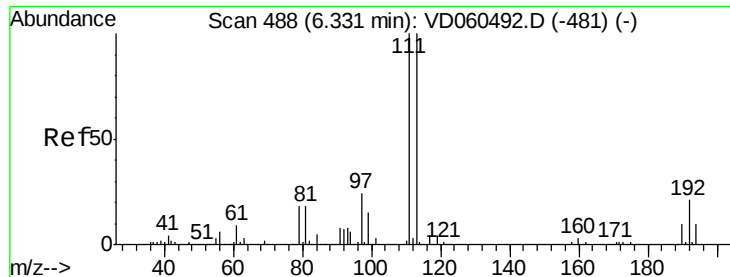
200000

0

7.30 7.40 7.50 7.60 7.70

Time-->

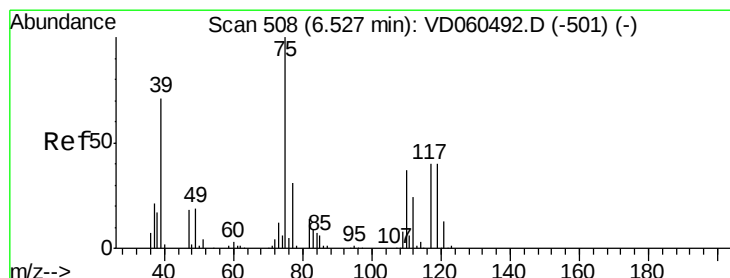
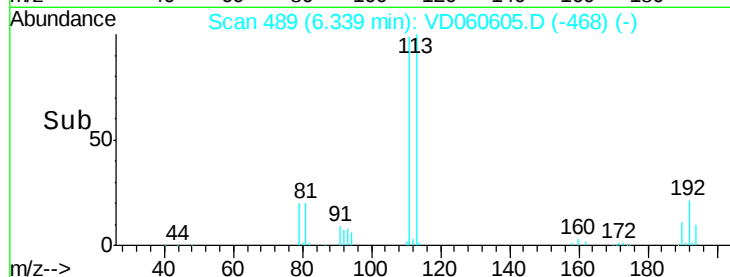
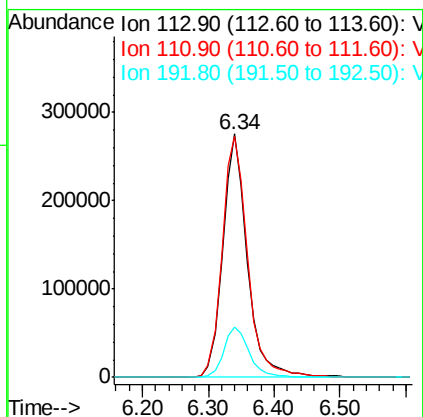
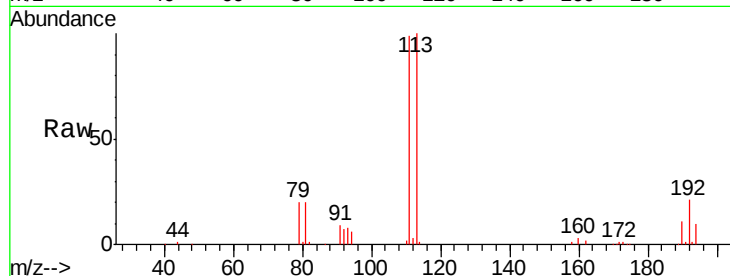




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.01 min
 Lab File: VD060605.D
 Acq: 17 Dec 2018 17:55

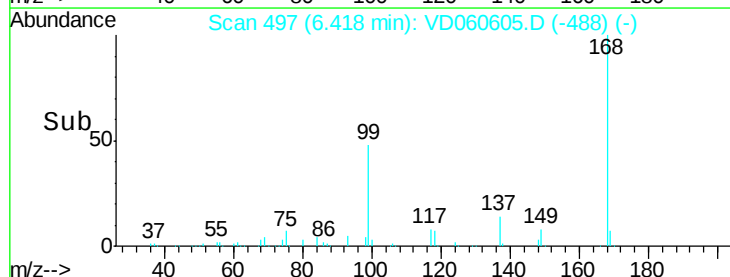
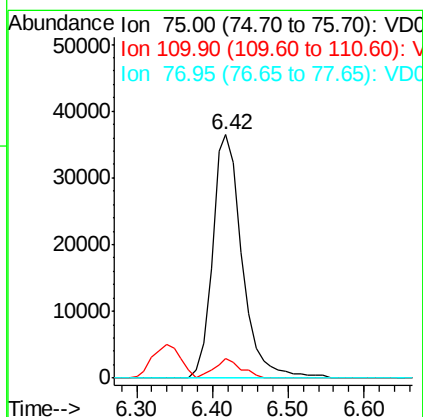
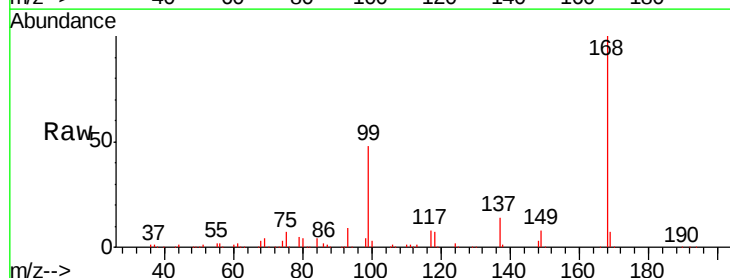
Instrument :
 MSVOA_D
 ClientSampleId :
 SODUP02_121318

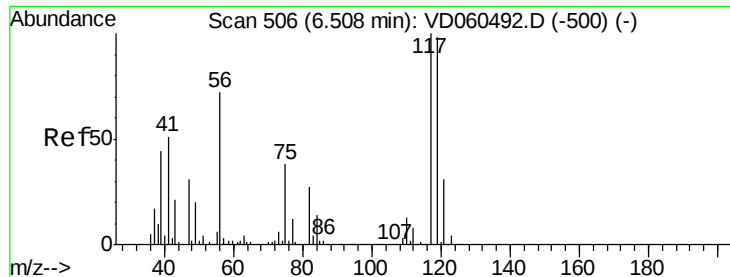
Tgt Ion: 113 Resp: 714339
 Ion Ratio Lower Upper
 113 100
 111 99.2 80.2 120.4
 192 20.9 16.6 24.8



#36
 1,1-Dichloropropene
 Concen: 5.237 ug/l
 RT: 6.42 min Scan# 497
 Delta R.T. -0.11 min
 Lab File: VD060605.D
 Acq: 17 Dec 2018 17:55

Tgt Ion: 75 Resp: 98883
 Ion Ratio Lower Upper
 75 100
 110 8.1 18.3 54.8#
 77 0.0 24.6 37.0#

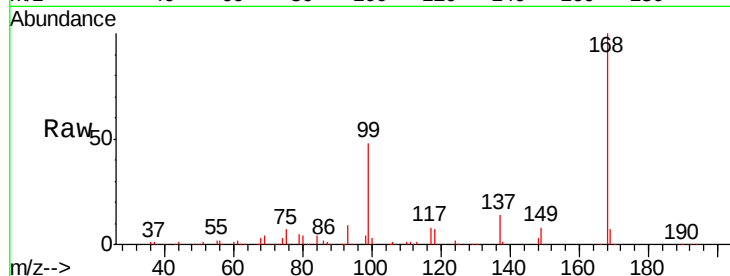




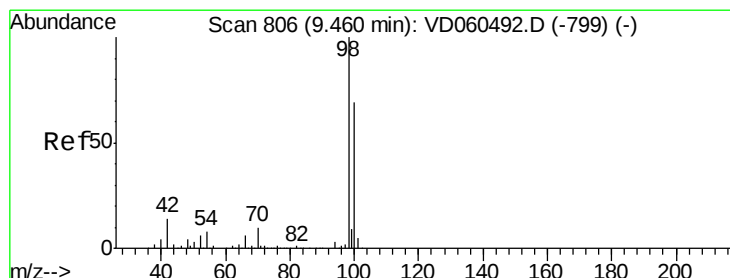
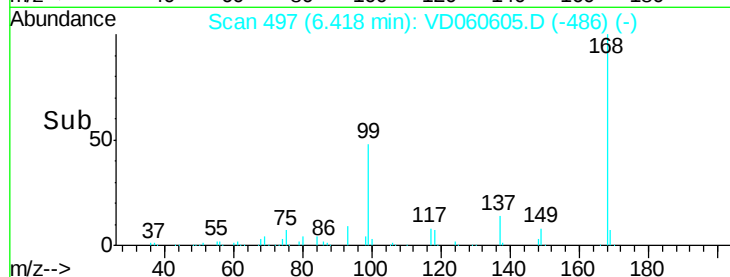
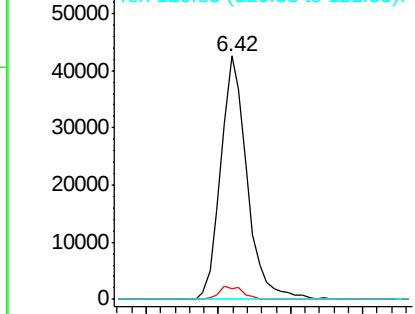
#38
Carbon Tetrachloride
Concen: 6.353 ug/l
RT: 6.42 min Scan# 497
Delta R.T. -0.09 min
Lab File: VD060605.D
Acq: 17 Dec 2018 17:55

Instrument :
MSVOA_D
ClientSampleId :
SODUP02_121318

Tgt Ion:117 Resp: 107681
Ion Ratio Lower Upper
117 100
119 4.2 76.8 115.2#
121 0.0 24.4 36.6#

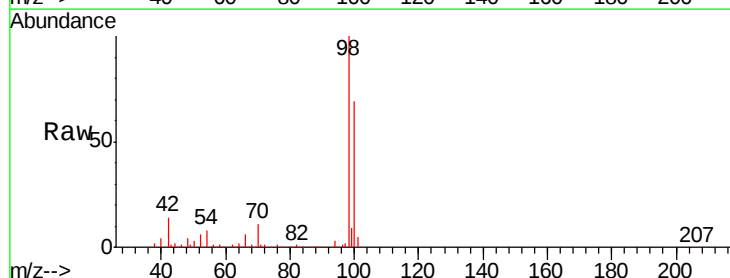


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

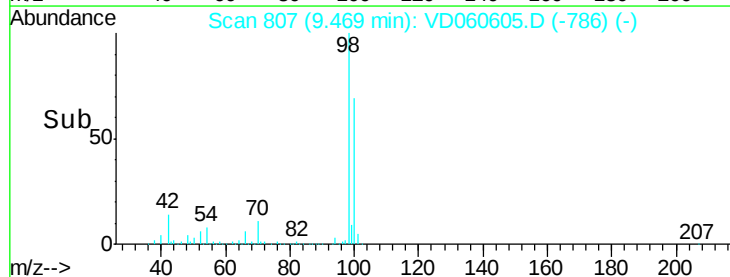
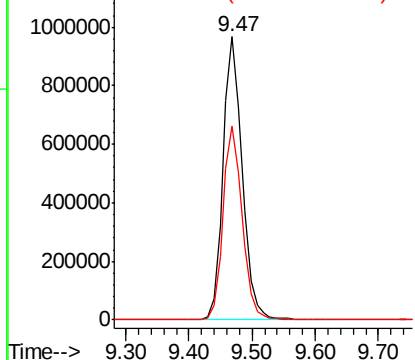


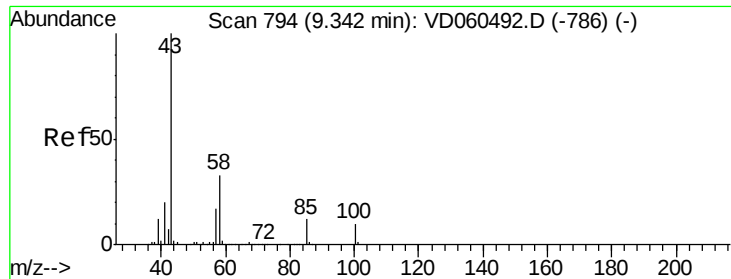
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 807
Delta R.T. 0.01 min
Lab File: VD060605.D
Acq: 17 Dec 2018 17:55

Tgt Ion: 98 Resp: 2051869
Ion Ratio Lower Upper
98 100
100 68.6 55.7 83.5



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

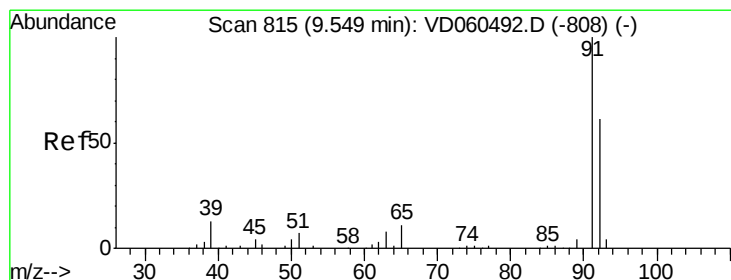
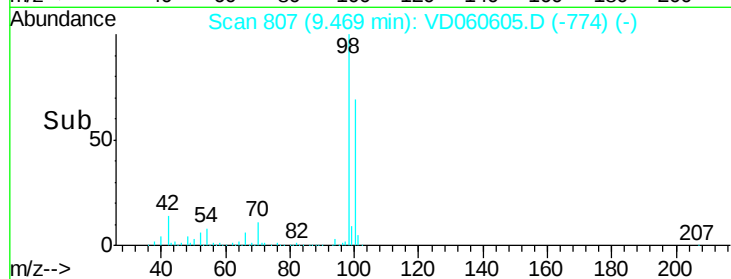
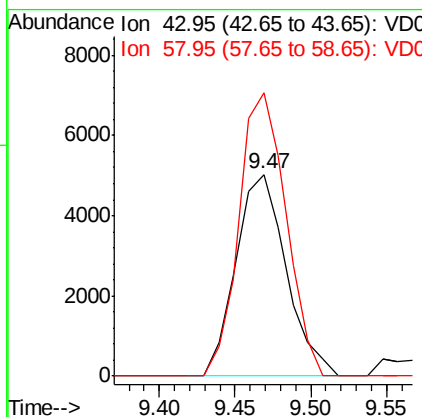
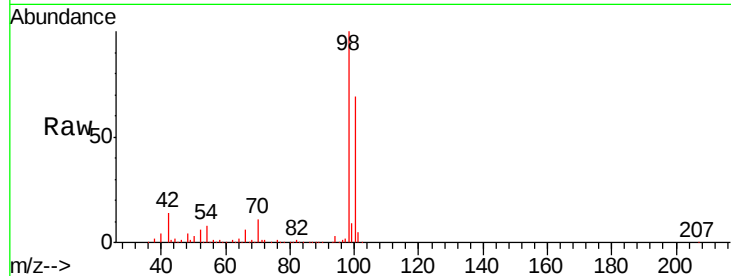




#51
 4-Methyl-2-Pentanone
 Concen: 1.852 ug/l
 RT: 9.47 min Scan# 807
 Delta R.T. 0.13 min
 Lab File: VD060605.D
 Acq: 17 Dec 2018 17:55

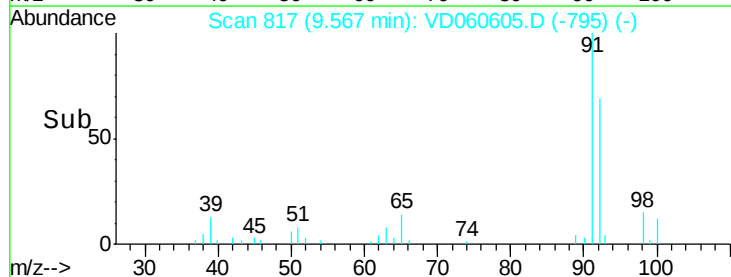
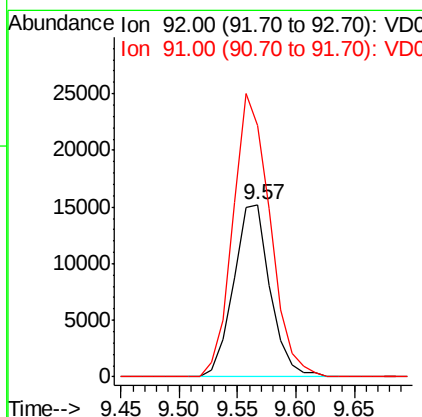
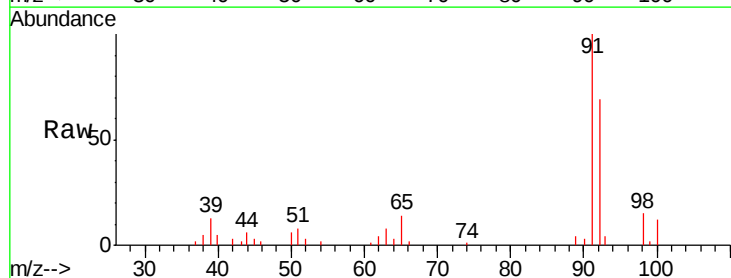
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 SODUP02_121318

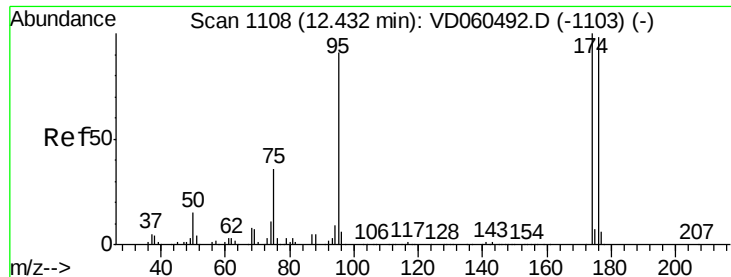
Tgt Ion: 43 Resp: 11646
 Ion Ratio Lower Upper
 43 100
 58 140.1 26.3 39.5#



#52
 Toluene
 Concen: 1.099 ug/l
 RT: 9.57 min Scan# 817
 Delta R.T. 0.02 min
 Lab File: VD060605.D
 Acq: 17 Dec 2018 17:55

Tgt Ion: 92 Resp: 33138
 Ion Ratio Lower Upper
 92 100
 91 145.7 131.7 197.5

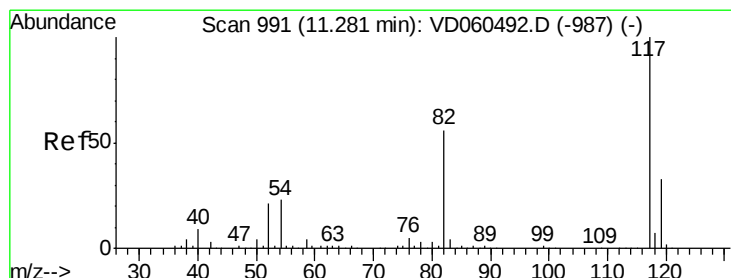
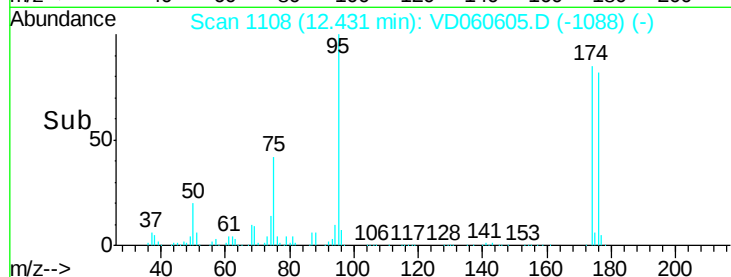
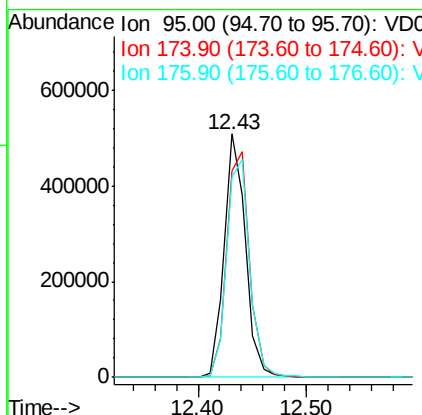
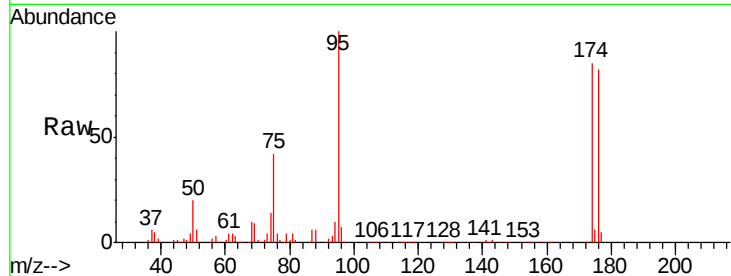




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VD060605.D
Acq: 17 Dec 2018 17:55

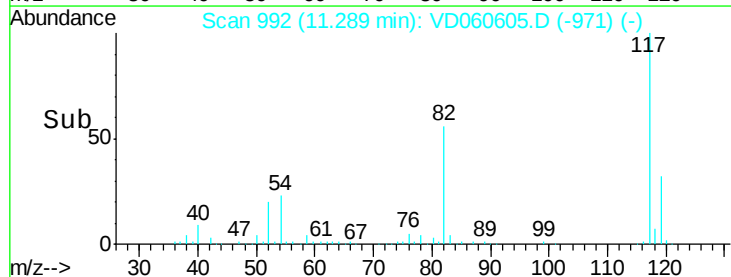
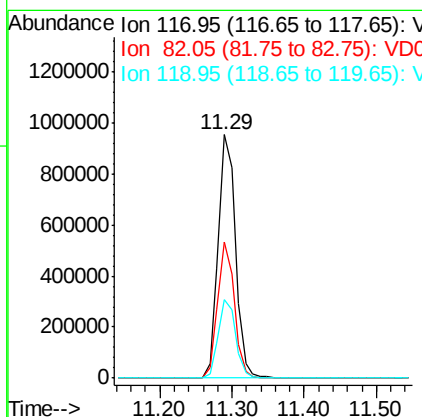
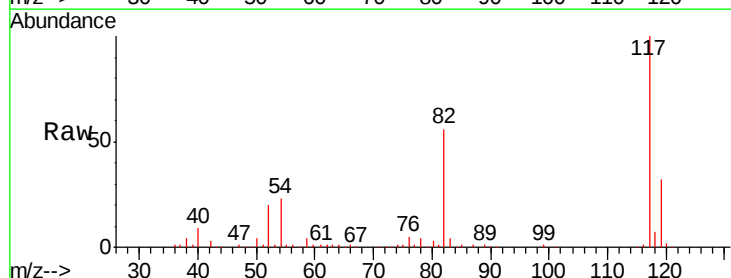
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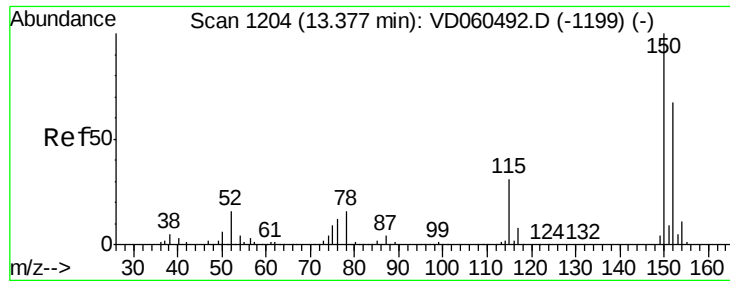
Tgt Ion: 95 Resp: 694971
Ion Ratio Lower Upper
95 100
174 85.0 0.0 219.4
176 82.2 0.0 214.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.01 min
Lab File: VD060605.D
Acq: 17 Dec 2018 17:55

Tgt Ion: 117 Resp: 1567453
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.5 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.38 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

Instrument :

MSVOA_D

ClientSampleId :

SODUP02_121318

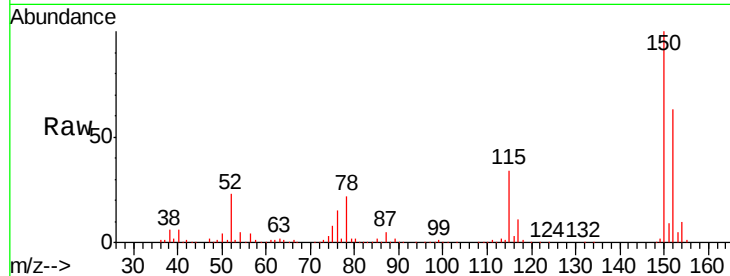
Tgt Ion:152 Resp: 827948

Ion Ratio Lower Upper

152 100

115 54.6 24.6 74.0

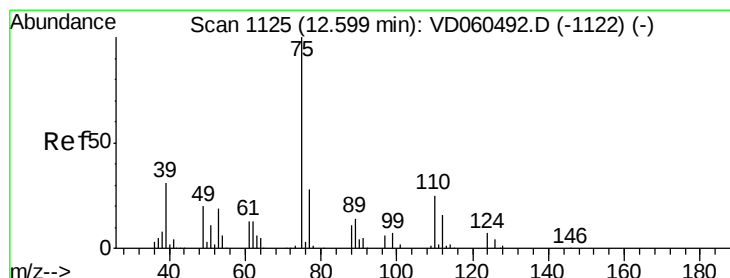
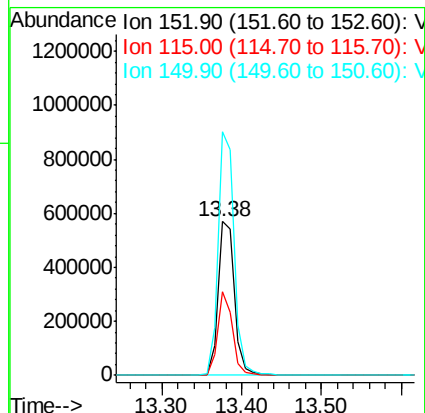
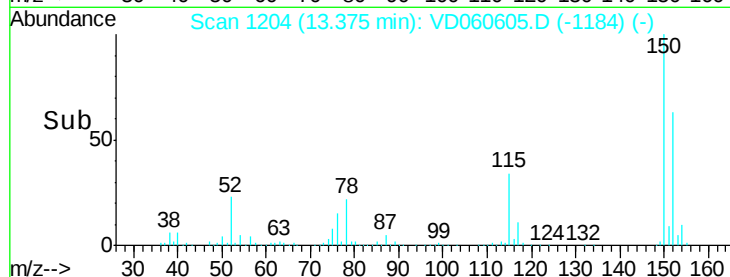
150 158.3 0.0 309.0



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



#76

1,2,3-Trichloropropane

Concen: 25.523 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.17 min

Lab File: VD060605.D

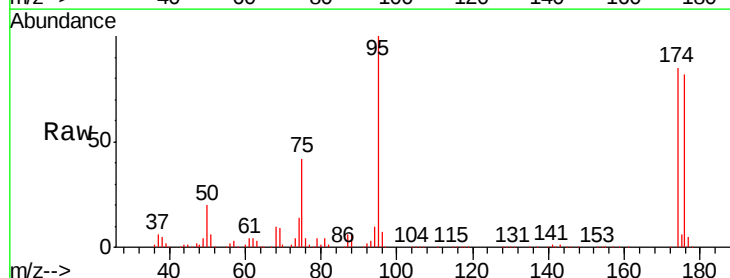
Acq: 17 Dec 2018 17:55

Tgt Ion: 75 Resp: 239439

Ion Ratio Lower Upper

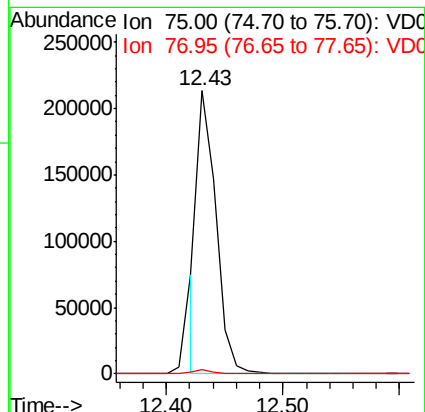
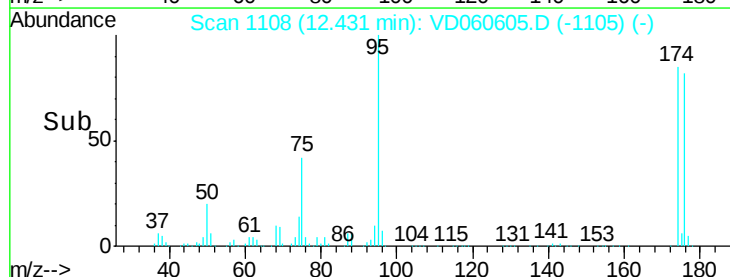
75 100

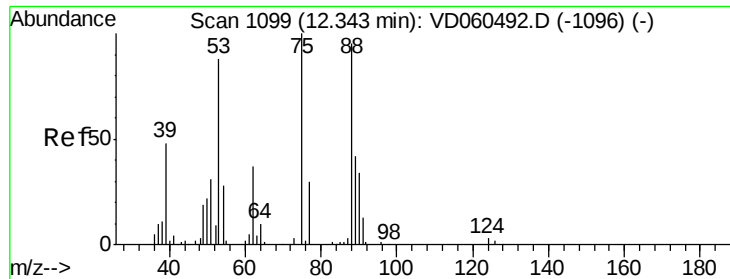
77 1.7 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 109.395 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.09 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

Instrument :

MSVOA_D

ClientSampleId :

SODUP02_121318

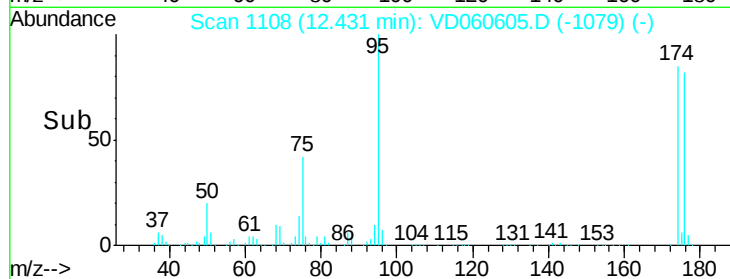
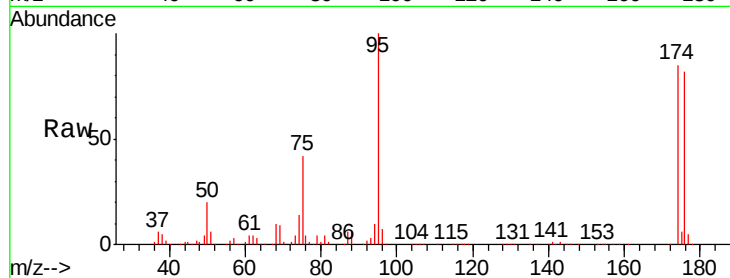
Tgt Ion: 75 Resp: 286225

Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.0 33.6 50.4#



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

