

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059633.D
 Acq On : 30 Jul 2018 22:07
 Operator : VA/AP
 Sample : J4189-11RE
 Misc : 5.96µl/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13-SRE

Quant Time: Jul 31 05:18:44 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	5.63	168	49561	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.67	114	70753	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	57032	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	22499	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	57453	92.21	ug/l	0.01
Spiked Amount 50.000			Recovery =	184.42%		
35) Dibromofluoromethane	5.52	113	40106	66.08	ug/l	0.01
Spiked Amount 50.000			Recovery =	132.16%		
50) Toluene-d8	8.69	98	68151	49.50	ug/l	0.01
Spiked Amount 50.000			Recovery =	99.00%		
62) 4-Bromofluorobenzene	11.92	95	28303	45.64	ug/l	0.01
Spiked Amount 50.000			Recovery =	91.28%		

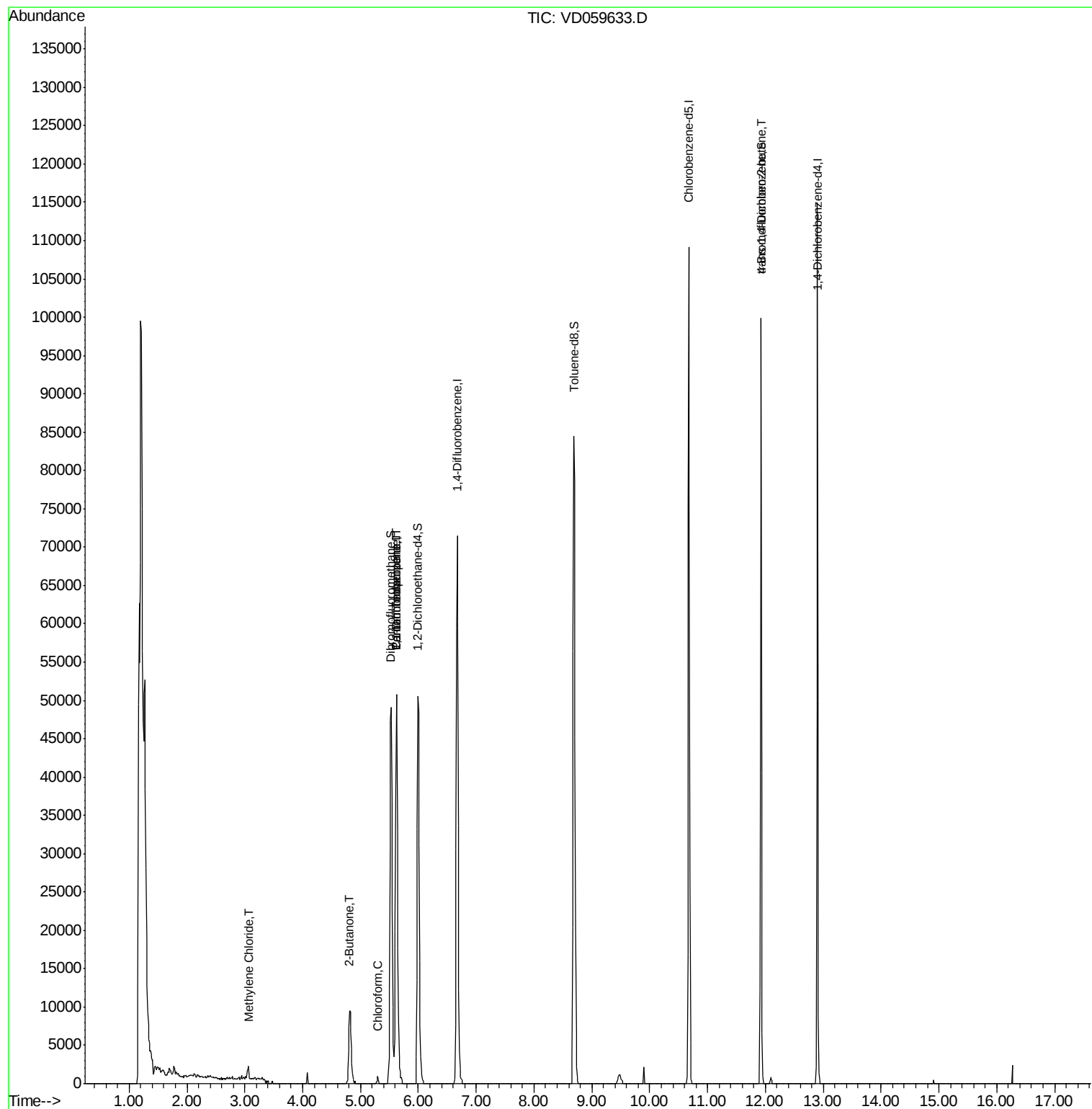
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.06	84	419	1.56	ug/l #	68
25) 2-Butanone	4.82	43	225	1.57	ug/l #	59
30) Chloroform	5.30	83	1217	1.20	ug/l #	17
31) Cyclohexane	5.62	56	461	Below Cal	#	1
36) 1,1-Dichloropropene	5.62	75	4189	5.90	ug/l #	43
38) Carbon Tetrachloride	5.63	117	4706	4.84	ug/l #	14
81) trans-1,4-Dichloro-2-buten	11.92	75	14903	156.66	ug/l #	1

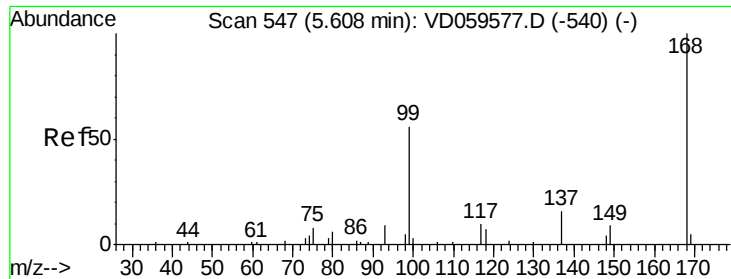
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD073018\
Data File : VD059633.D
Acq On : 30 Jul 2018 22:07
Operator : VA/AP
Sample : J4189-11RE
Misc : 5.96g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-13-SRE

Quant Time: Jul 31 05:18:44 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 25 07:10:33 2018
Response via : Initial Calibration

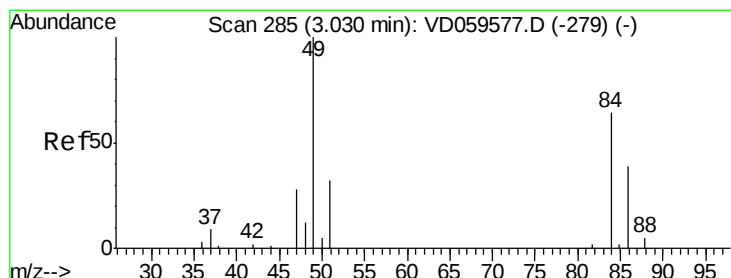
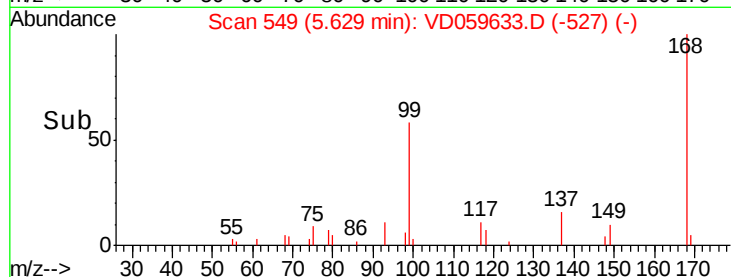
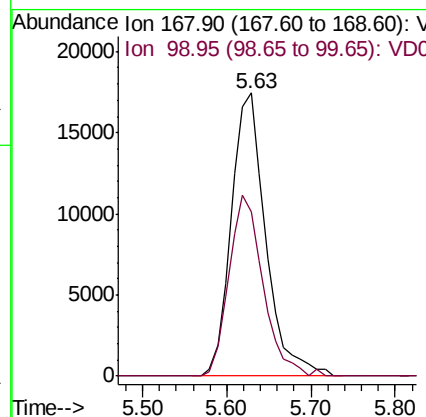
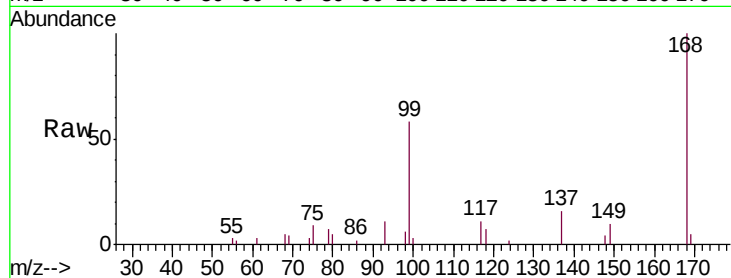




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

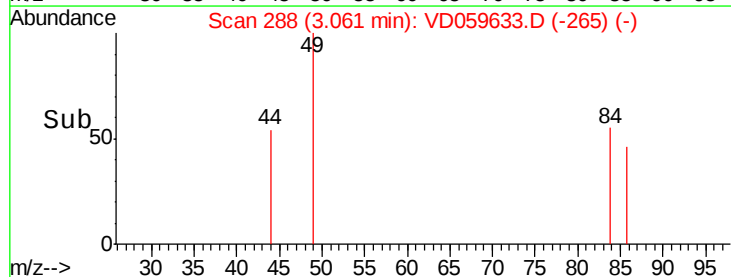
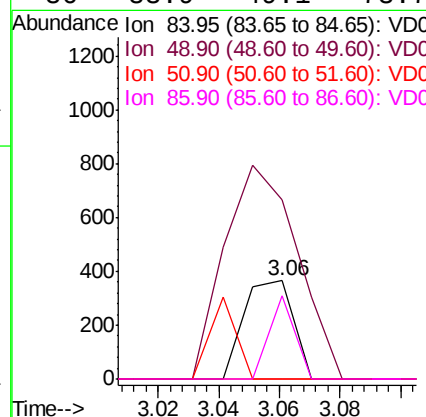
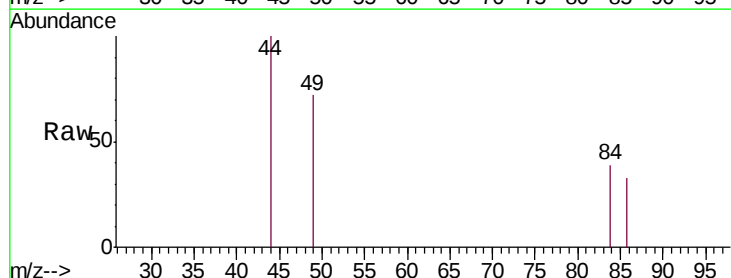
Instrument :
MSVOA_D
ClientSampleId :
TP-13-SRE

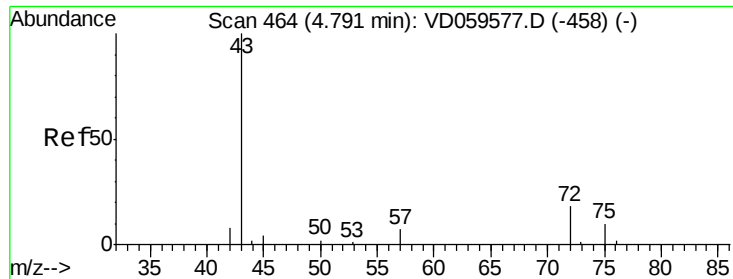
Tot Ion:168 Resp: 49561
Ion Ratio Lower Upper
168 100
99 58.1 47.3 70.9



#20
Methylene Chloride
Concen: 1.56 ug/l
RT: 3.06 min Scan# 288
Delta R.T. 0.03 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Tgt Ion: 84 Resp: 419
Ion Ratio Lower Upper
84 100
49 182.2 125.4 188.2
51 0.0 39.7 59.5#
86 83.9 49.1 73.7#





#25

2-Butanone

Concen: 1.57 ug/l

RT: 4.82 min Scan# 467

Delta R.T. 0.03 min

Lab File: VD059633.D

Acq: 30 Jul 2018 22:07

Instrument :

MSVOA_D

ClientSampleId :

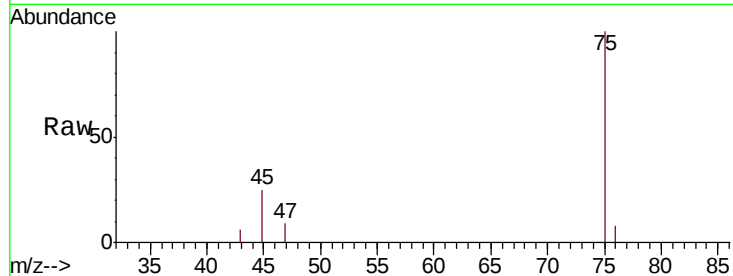
TP-13-SRE

Tot Ion: 43 Resp: 225

Ion Ratio Lower Upper

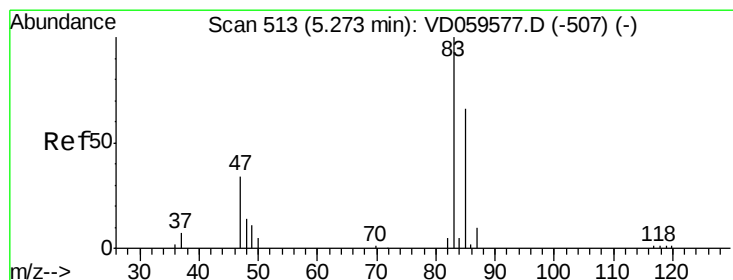
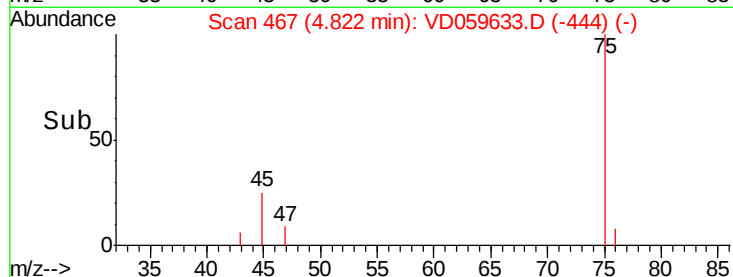
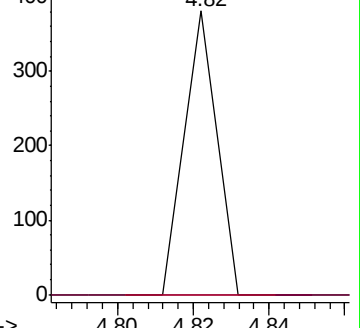
43 100

72 0.0 14.7 22.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#30

Chloroform

Concen: 1.20 ug/l

RT: 5.30 min Scan# 516

Delta R.T. 0.03 min

Lab File: VD059633.D

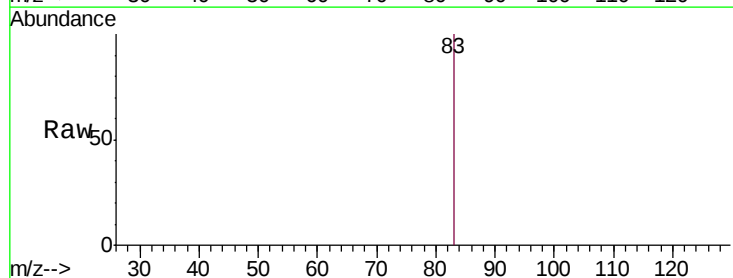
Acq: 30 Jul 2018 22:07

Tgt Ion: 83 Resp: 1217

Ion Ratio Lower Upper

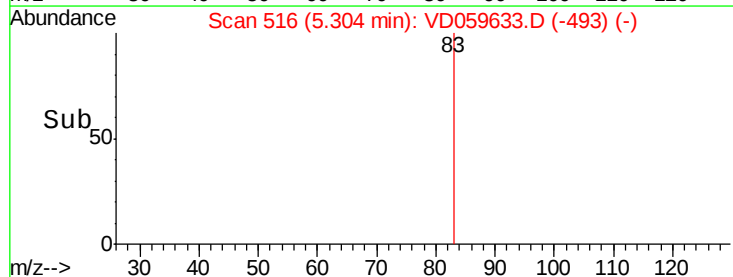
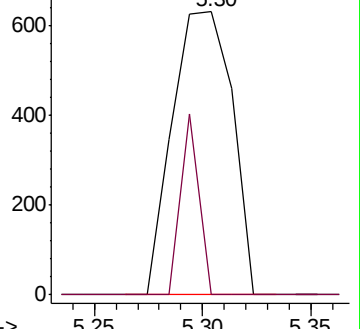
83 100

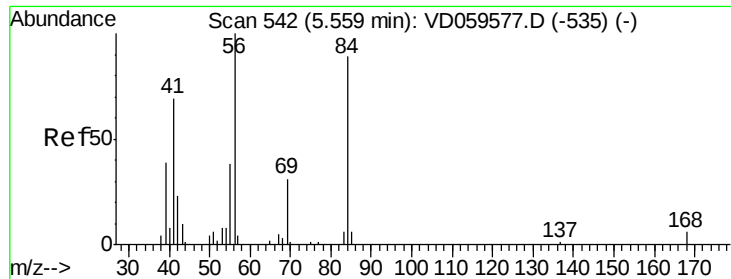
85 0.0 53.0 79.6#



Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 84.95 (84.65 to 85.65): VDC

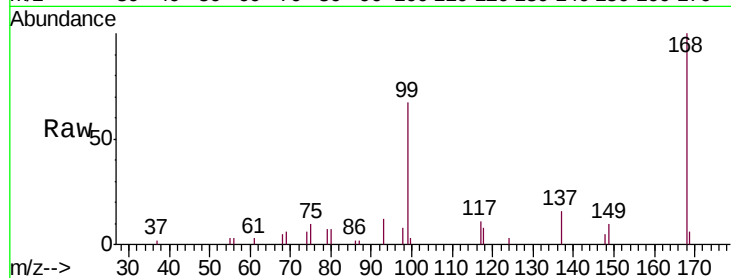




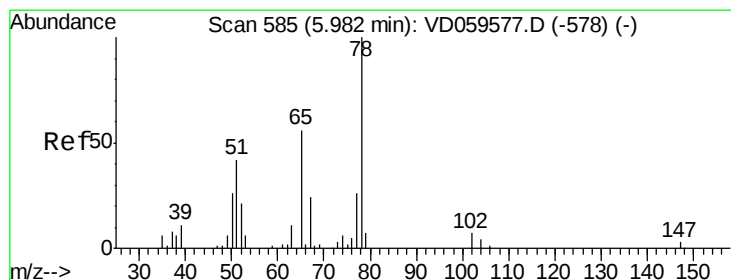
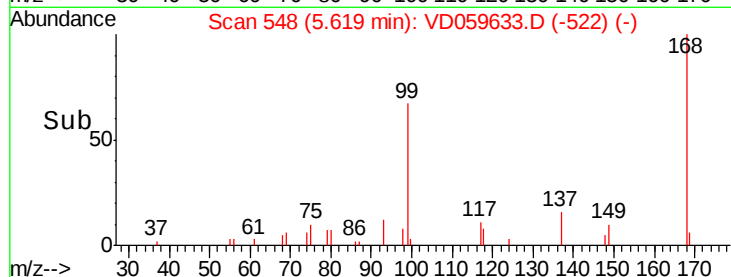
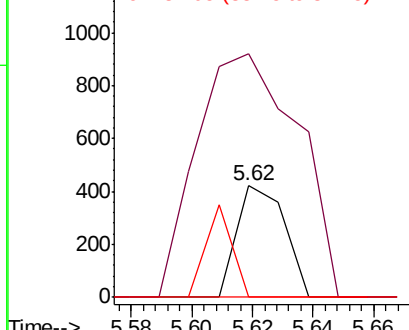
#31
Cyclohexane
Concen: Below Cal
RT: 5.62 min Scan# 548
Delta R.T. 0.06 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Instrument :
MSVOA_D
ClientSampleId :
TP-13-SRE

Tot Ion: 56 Resp: 461
Ion Ratio Lower Upper
56 100
69 218.5 24.6 37.0#
84 0.0 72.7 109.1#

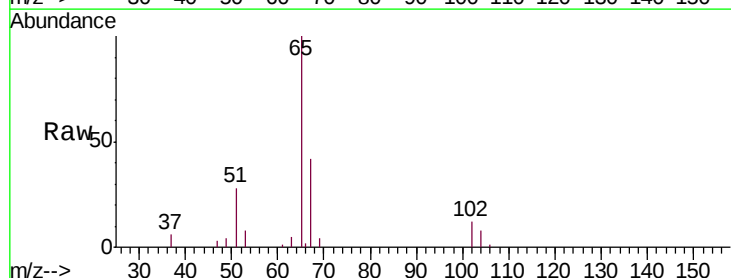


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

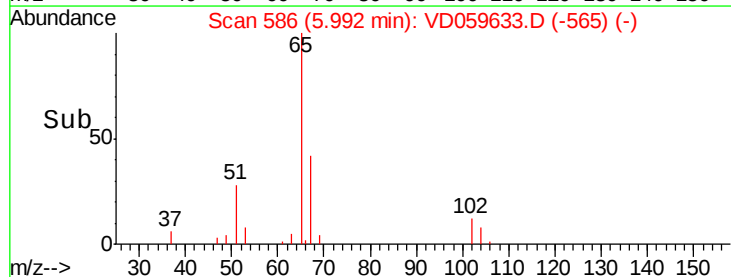
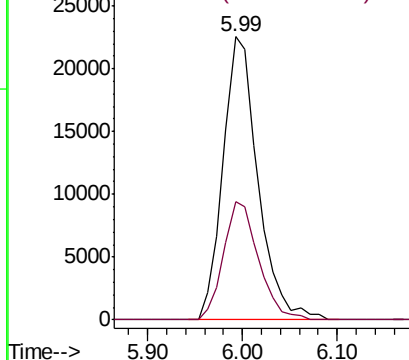


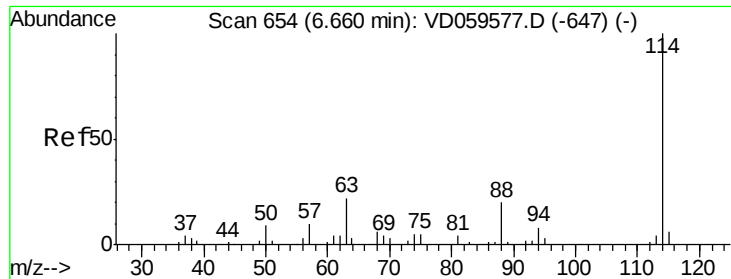
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. 0.01 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Tgt Ion: 65 Resp: 57453
Ion Ratio Lower Upper
65 100
67 42.0 0.0 86.4



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

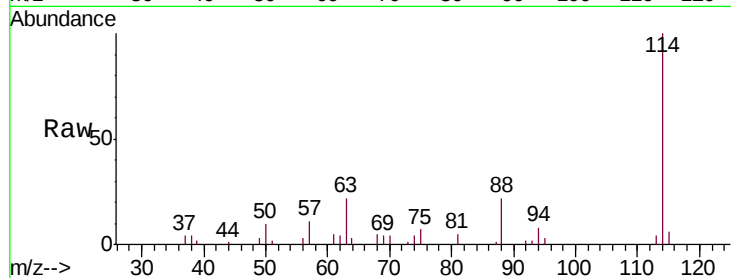




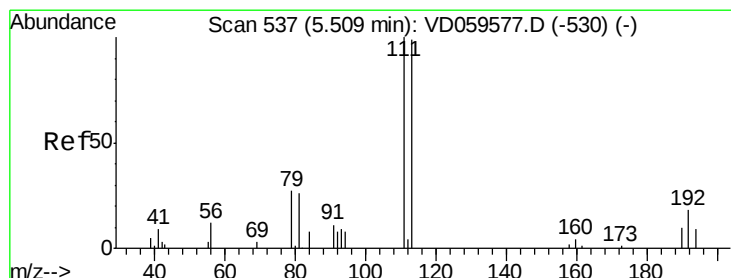
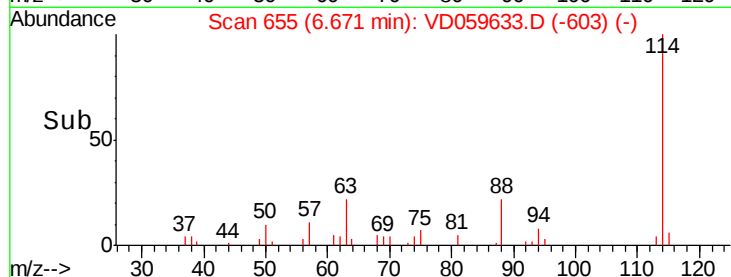
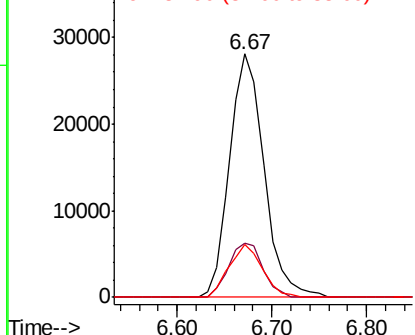
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.67 min Scan# 655
Delta R.T. 0.01 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Instrument :
MSVOA_D
ClientSampleId :
TP-13-SRE

Tot Ion:114 Resp: 70753
Ion Ratio Lower Upper
114 100
63 22.4 0.0 43.8
88 21.8 0.0 39.0

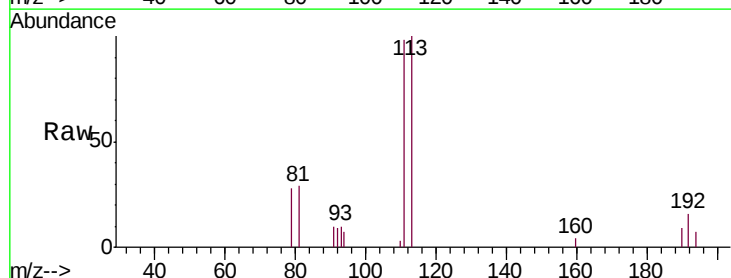


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): VDC
Ion 87.90 (87.60 to 88.60): VDC

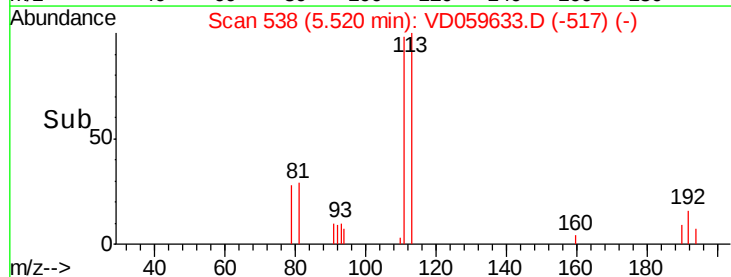
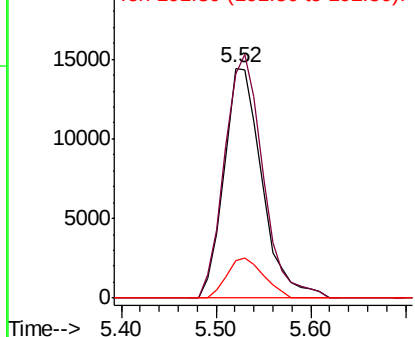


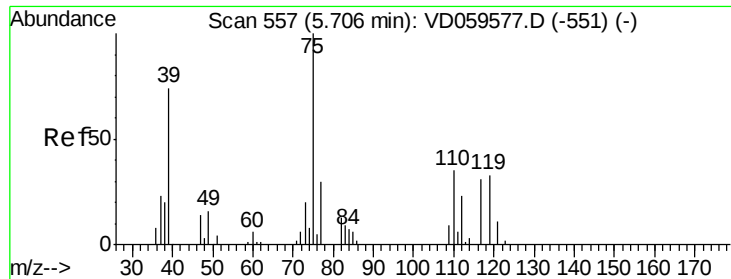
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 5.52 min Scan# 538
Delta R.T. 0.01 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Tgt Ion:113 Resp: 40106
Ion Ratio Lower Upper
113 100
111 97.8 80.5 120.7
192 16.1 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

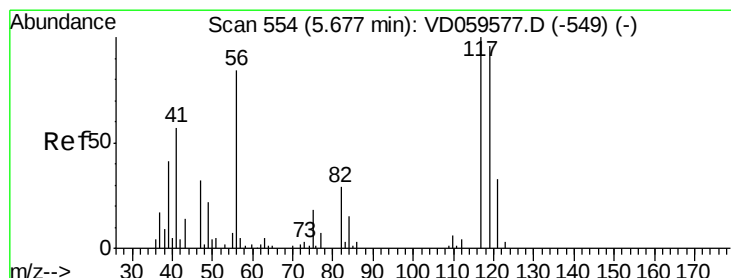
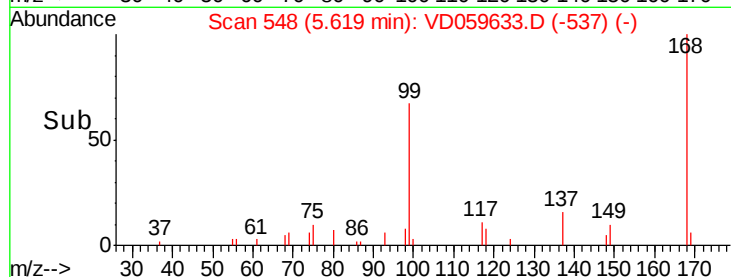
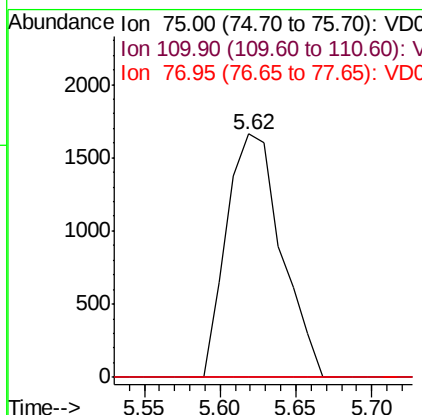
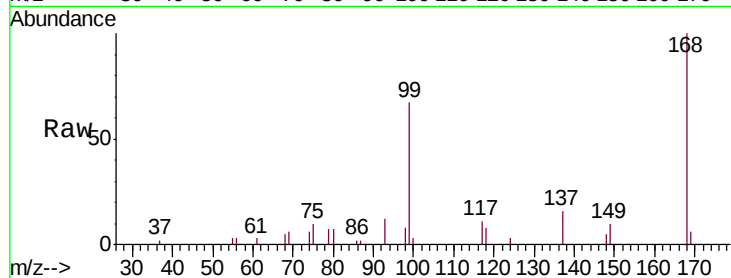




#36
 1,1-Dichloropropene
 Concen: 5.90 ug/l
 RT: 5.62 min Scan# 548
 Delta R.T. -0.09 min
 Lab File: VD059633.D
 Acq: 30 Jul 2018 22:07

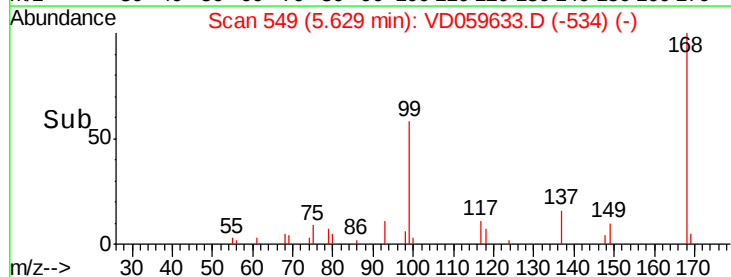
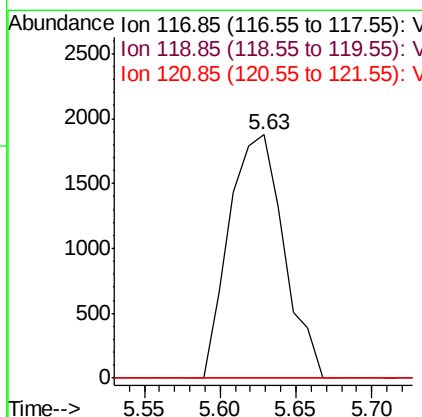
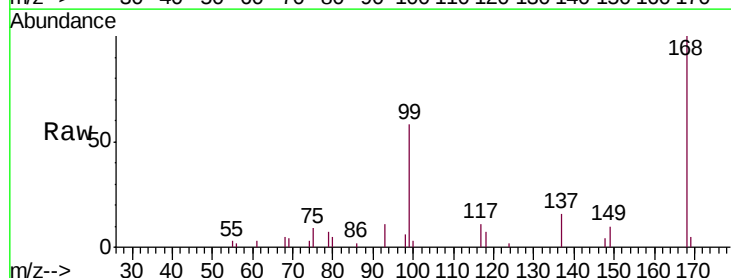
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13-SRE

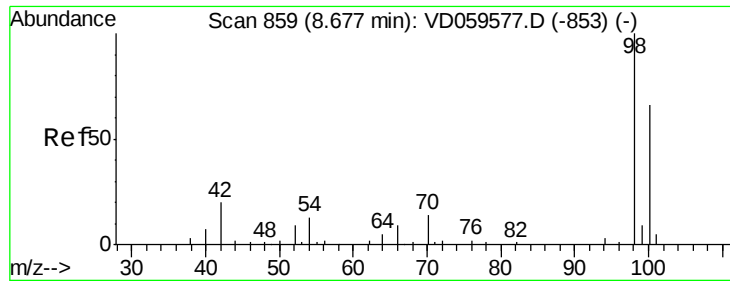
Tot Ion: 75 Resp: 4189
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.0 50.9#
 77 0.0 23.6 35.4#



#38
 Carbon Tetrachloride
 Concen: 4.84 ug/l
 RT: 5.63 min Scan# 549
 Delta R.T. -0.05 min
 Lab File: VD059633.D
 Acq: 30 Jul 2018 22:07

Tgt Ion: 117 Resp: 4706
 Ion Ratio Lower Upper
 117 100
 119 0.0 73.6 110.4#
 121 0.0 25.0 37.6#

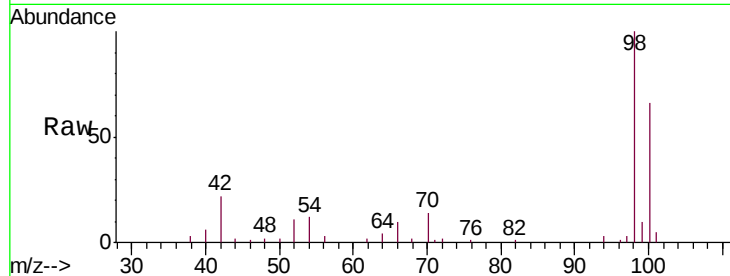




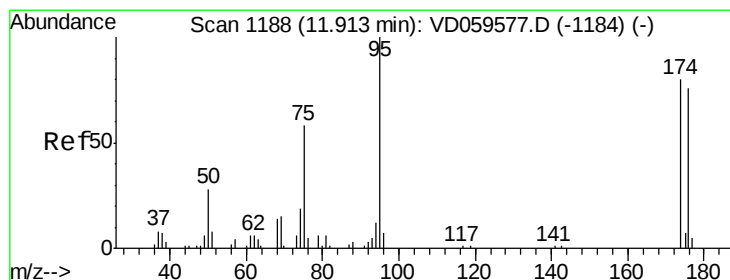
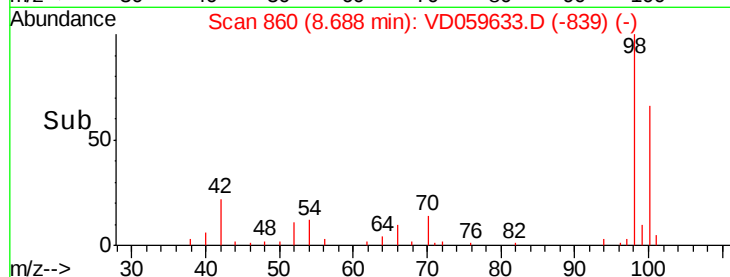
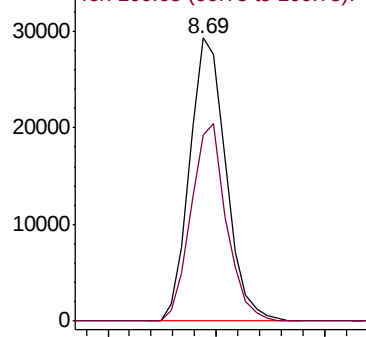
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. 0.01 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Instrument :
MSVOA_D
ClientSampleId :
TP-13-SRE

Tot Ion: 98 Resp: 68151
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8

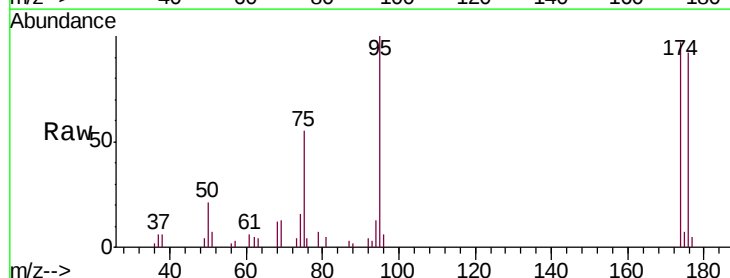


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

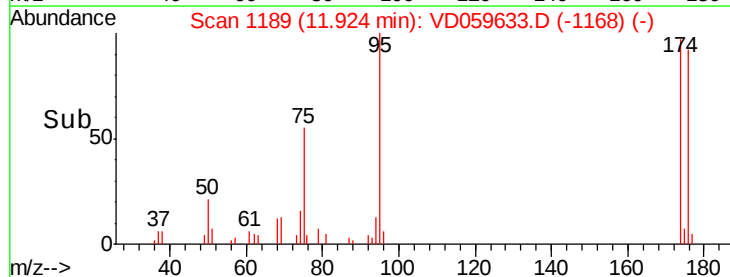
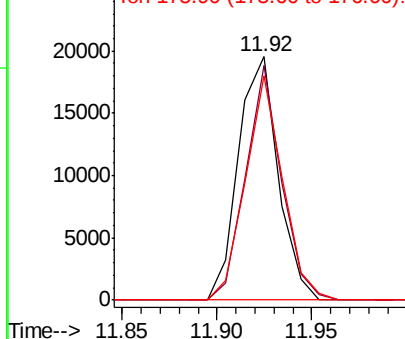


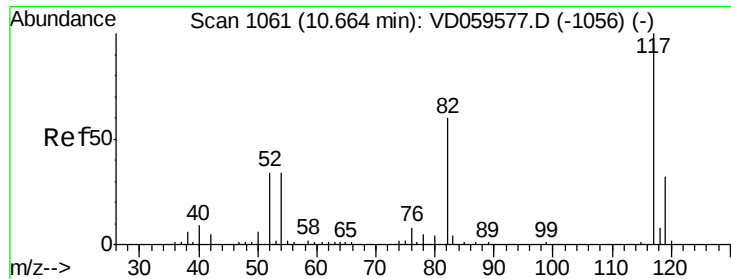
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Tgt Ion: 95 Resp: 28303
Ion Ratio Lower Upper
95 100
174 96.6 0.0 160.6
176 91.9 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

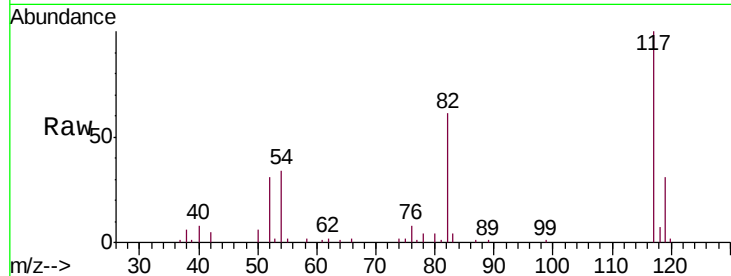




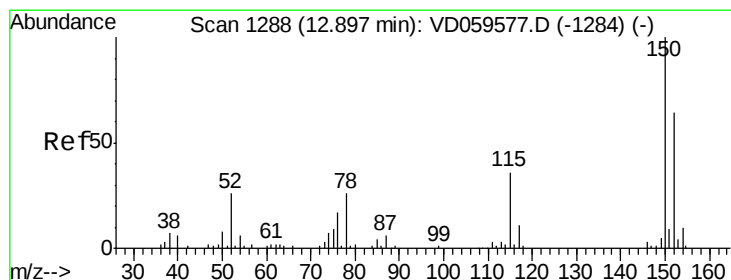
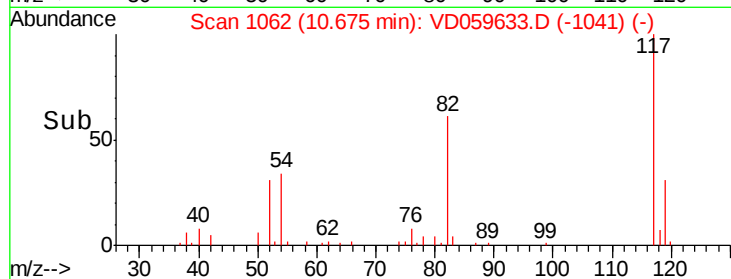
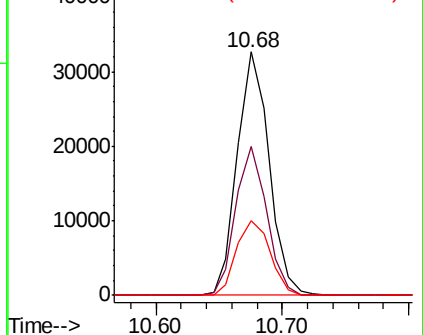
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Instrument :
MSVOA_D
ClientSampleId :
TP-13-SRE

Tot Ion:117 Resp: 57032
Ion Ratio Lower Upper
117 100
82 61.2 48.2 72.2
119 30.6 25.4 38.2

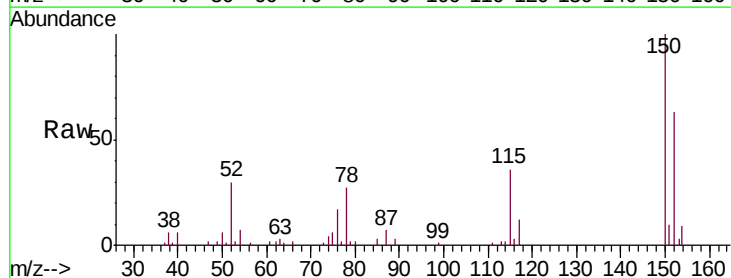


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

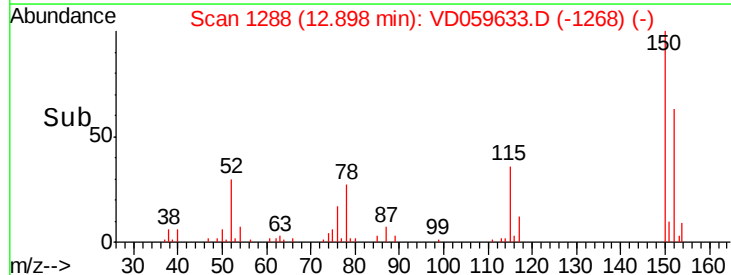
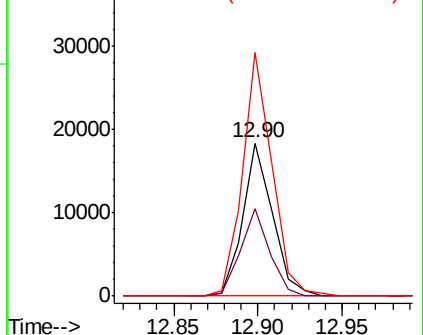


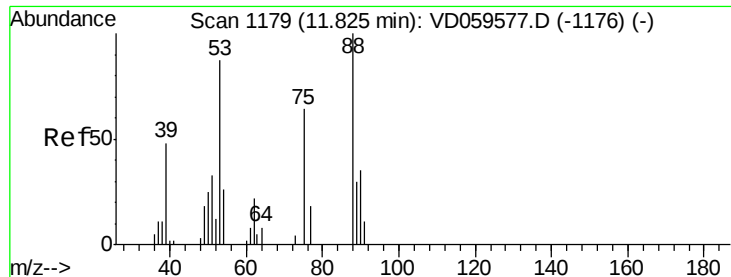
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Tgt Ion:152 Resp: 22499
Ion Ratio Lower Upper
152 100
115 57.5 29.5 88.6
150 159.3 0.0 314.4



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: 156.66 ug/l

RT: 11.92 min Scan# 1189

Delta R.T. 0.10 min

Lab File: VD059633.D

Acq: 30 Jul 2018 22:07

Instrument :

MSVOA_D

ClientSampleId :

TP-13-SRE

Tot Ion: 75 Resp: 14903

Ion Ratio Lower Upper

75 100

53 0.0 107.7 161.5#

89 0.0 37.3 55.9#

