

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD110118\
 Data File : VD060282.D
 Acq On : 2 Nov 2018 00:38
 Operator : VA/AP
 Sample : J5741-27
 Misc : 5.43g/5ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7

Quant Time: Nov 02 02:44:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

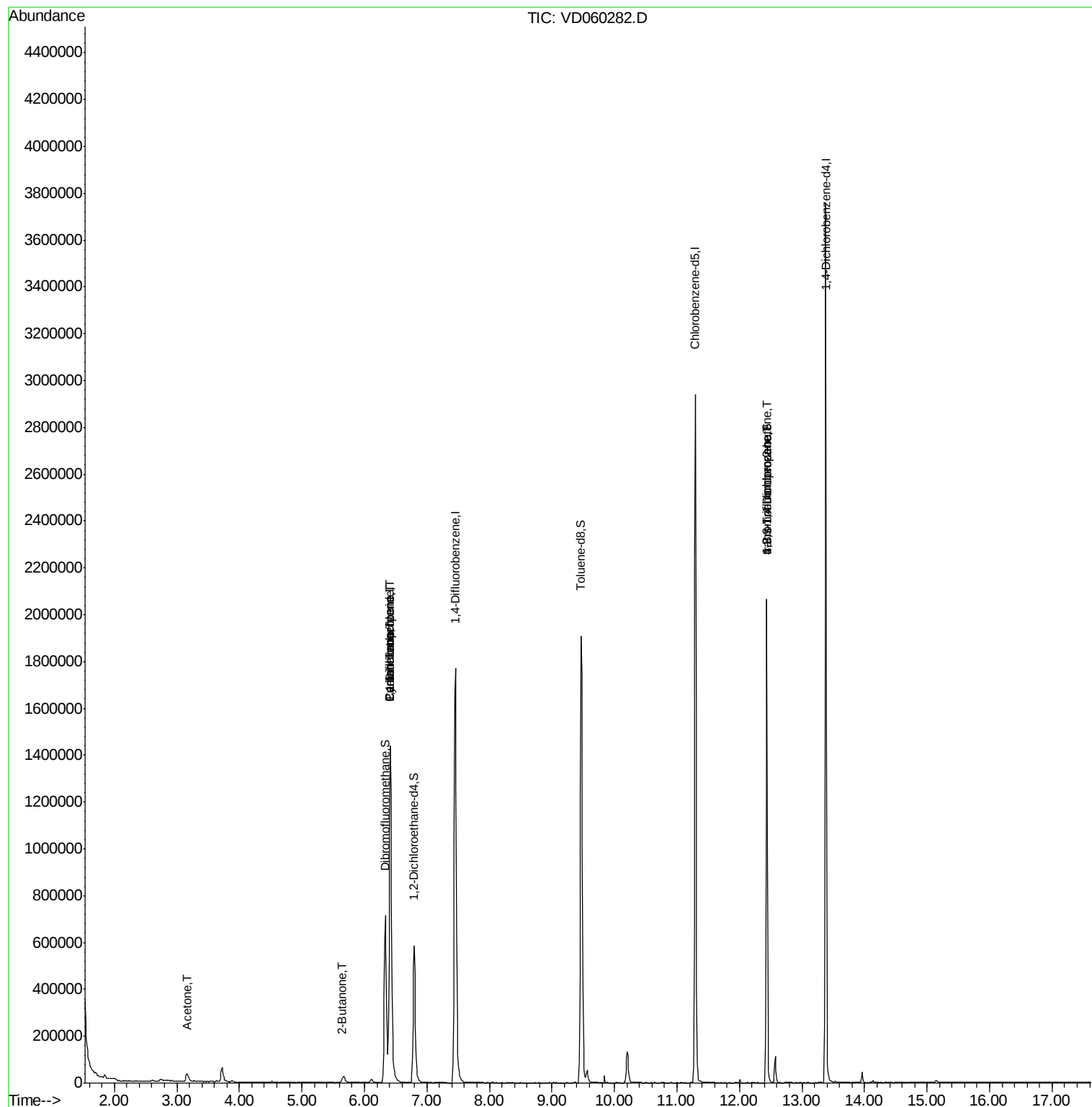
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1352542	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.46	114	1902766	50.00	ug/l	0.04
63) Chlorobenzene-d5	11.29	117	1576612	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	13.38	152	845599	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	465055	45.36	ug/l	0.04
Spiked Amount 50.000			Recovery	=	90.72%	
35) Dibromofluoromethane	6.33	113	557866	38.61	ug/l	0.04
Spiked Amount 50.000			Recovery	=	77.22%	
50) Toluene-d8	9.46	98	1550928	37.64	ug/l	0.03
Spiked Amount 50.000			Recovery	=	75.28%	
62) 4-Bromofluorobenzene	12.44	95	559470	36.27	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.54%	
Target Compounds						
16) Acetone	3.17	43	68160	36.638	ug/l	99
20) Methylene Chloride	3.73	84	37007	Below Cal		92
25) 2-Butanone	5.64	43	9071	1.952	ug/l #	59
31) Cyclohexane	6.41	56	26275	1.183	ug/l #	1
36) 1,1-Dichloropropene	6.41	75	101157	5.563	ug/l #	46
38) Carbon Tetrachloride	6.41	117	103028	6.243	ug/l #	15
76) 1,2,3-Trichloropropane	12.44	75	234101	19.224	ug/l #	45
81) trans-1,4-Dichloro-2-buten	12.44	75	233978	68.379	ug/l #	13

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

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060282.D

Acq: 2 Nov 2018 00:38

Instrument :

MSVOA_D

ClientSampleID :

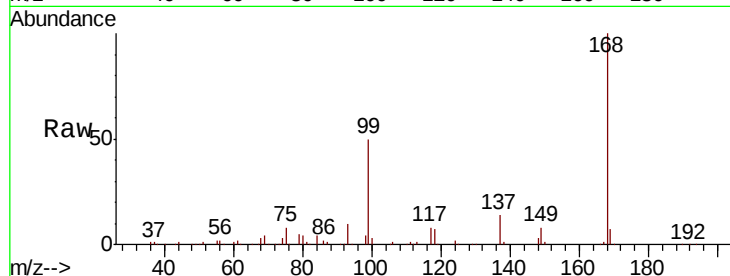
TP-7

Tgt Ion:168 Resp: 1352542

Ion Ratio Lower Upper

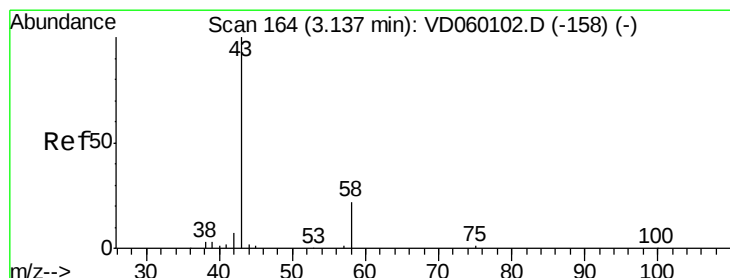
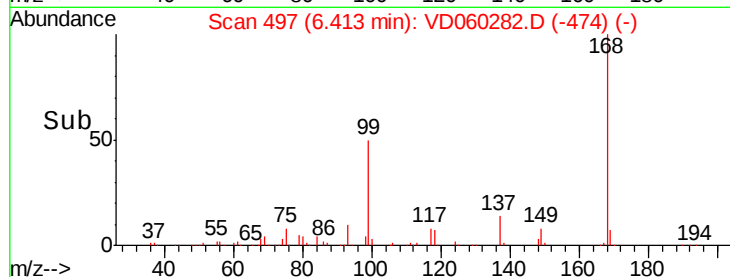
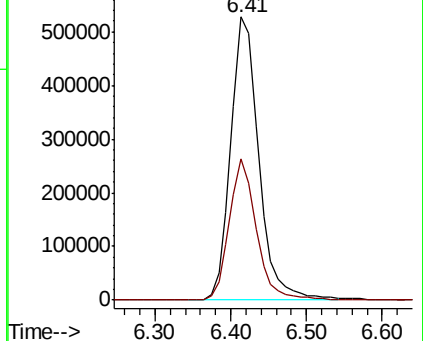
168 100

99 49.9 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 36.638 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.03 min

Lab File: VD060282.D

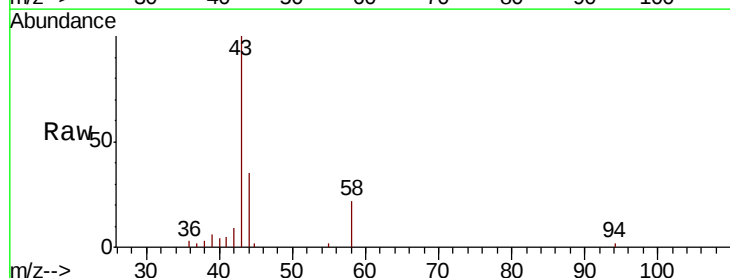
Acq: 2 Nov 2018 00:38

Tgt Ion: 43 Resp: 68160

Ion Ratio Lower Upper

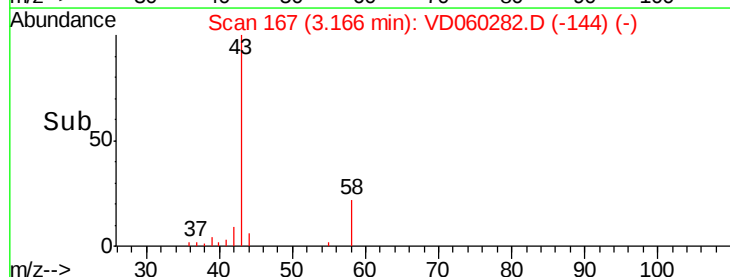
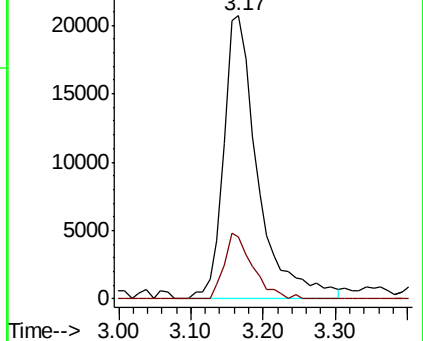
43 100

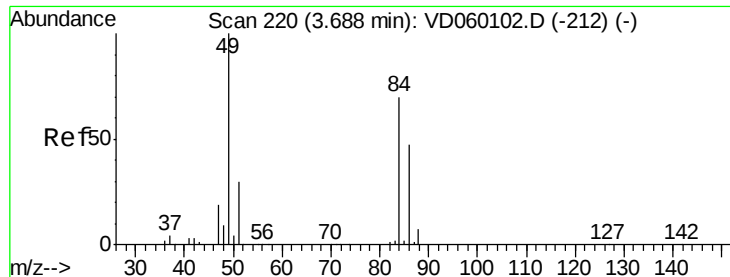
58 21.7 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

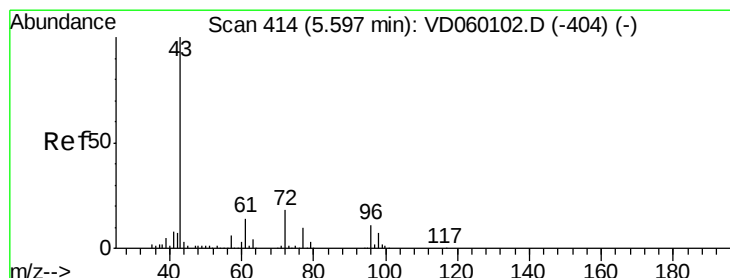
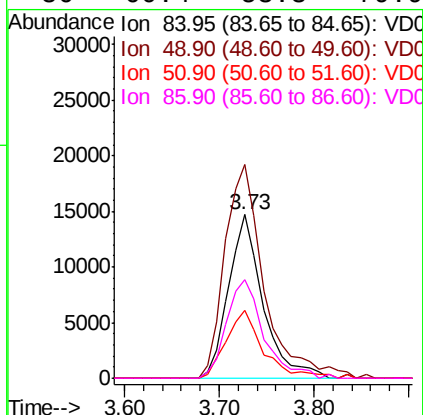
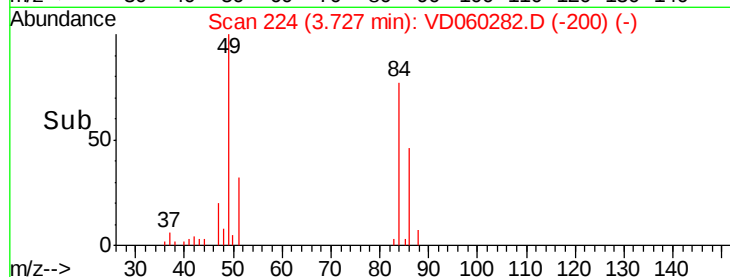
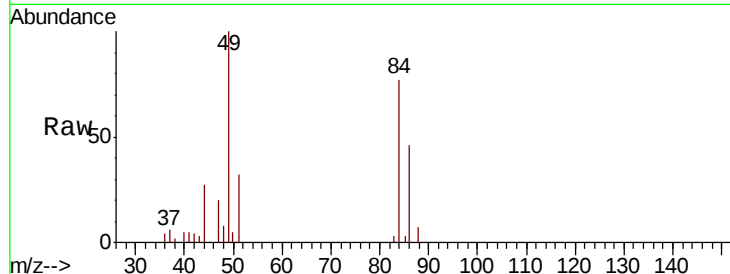




#20
Methylene Chloride
Concen: Below Cal
RT: 3.73 min Scan# 224
Delta R.T. 0.04 min
Lab File: VD060282.D
Acq: 2 Nov 2018 00:38

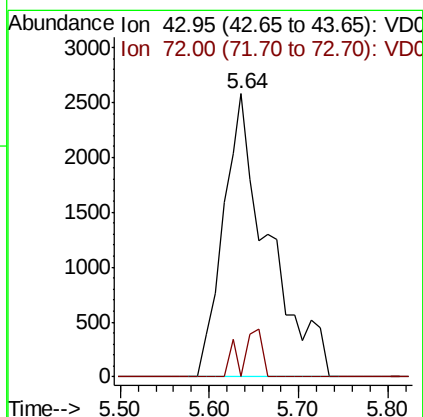
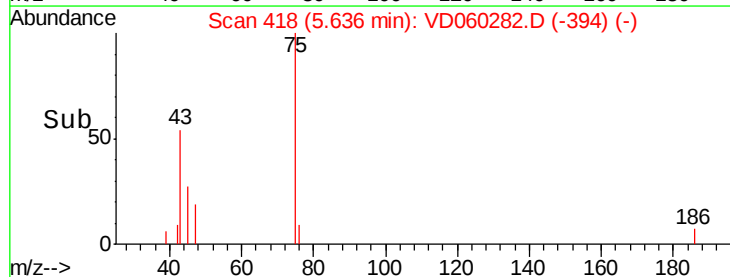
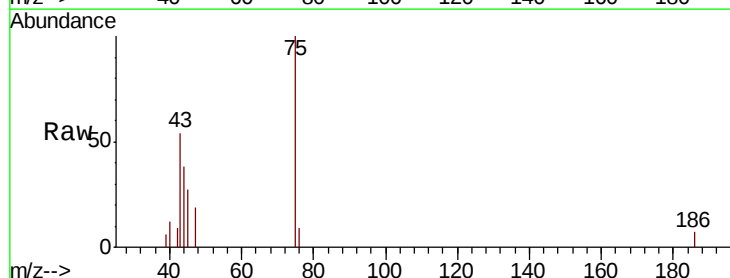
Instrument :
MSVOA_D
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TP-7

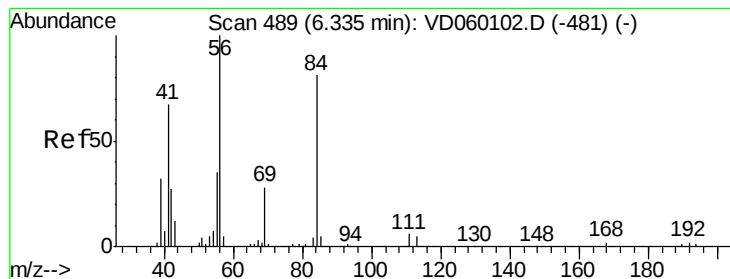
Tgt Ion: 84 Resp: 37007
Ion Ratio Lower Upper
84 100
49 130.4 114.6 172.0
51 41.8 33.8 50.8
86 60.4 53.3 79.9



#25
2-Butanone
Concen: 1.952 ug/l
RT: 5.64 min Scan# 418
Delta R.T. 0.04 min
Lab File: VD060282.D
Acq: 2 Nov 2018 00:38

Tgt Ion: 43 Resp: 9071
Ion Ratio Lower Upper
43 100
72 0.0 14.5 21.7#





#31

Cyclohexane

Concen: 1.183 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.08 min

Lab File: VD060282.D

Acq: 2 Nov 2018 00:38

Instrument :

MSVOA_D

ClientSampled :

TP-7

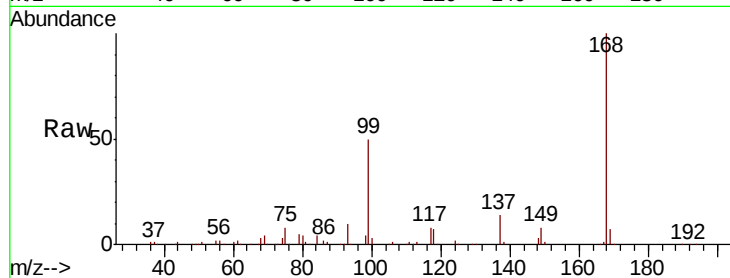
Tgt Ion: 56 Resp: 26275

Ion Ratio Lower Upper

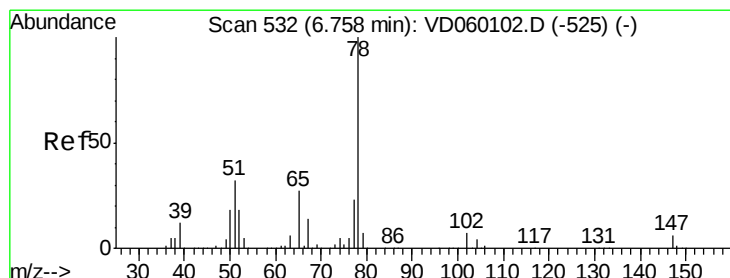
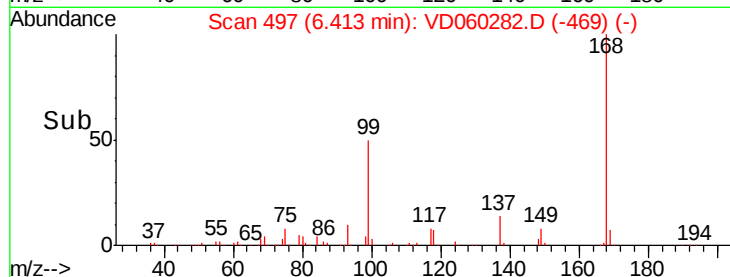
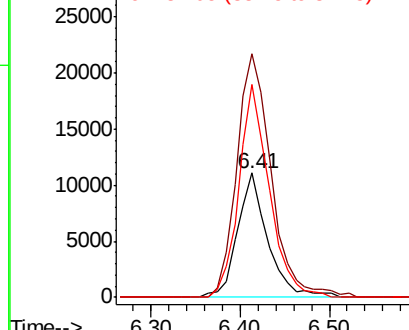
56 100

69 195.8 22.8 34.2#

84 171.4 64.9 97.3#



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. 0.04 min

Lab File: VD060282.D

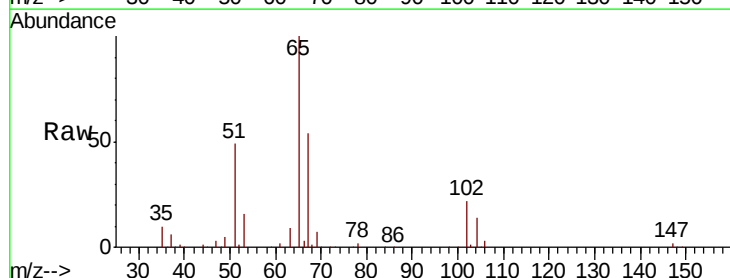
Acq: 2 Nov 2018 00:38

Tgt Ion: 65 Resp: 465055

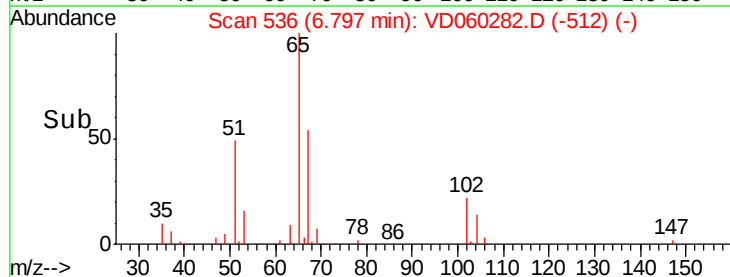
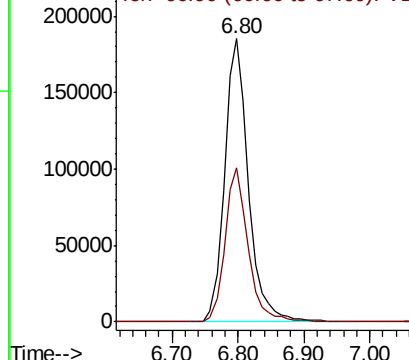
Ion Ratio Lower Upper

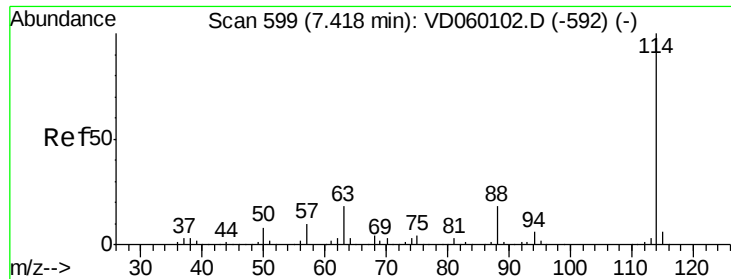
65 100

67 54.5 0.0 106.2



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

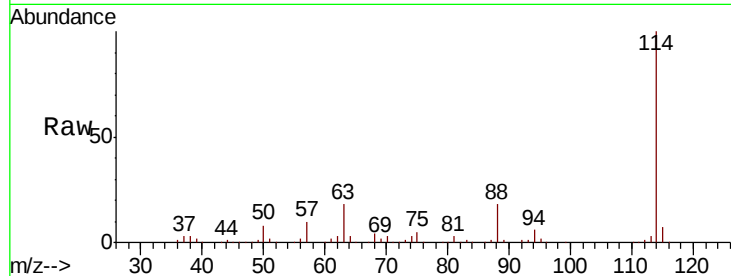




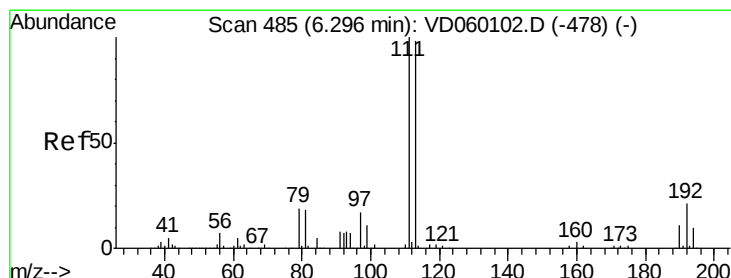
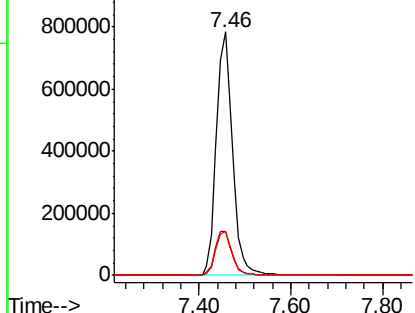
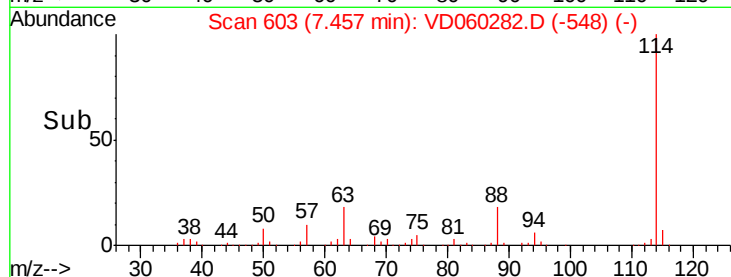
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.04 min
 Lab File: VD060282.D
 Acq: 2 Nov 2018 00:38

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 MSVOA_D
 ClientSampleId :
 TP-7

Tgt Ion:114 Resp: 1902766
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 36.0
 88 18.3 0.0 36.2

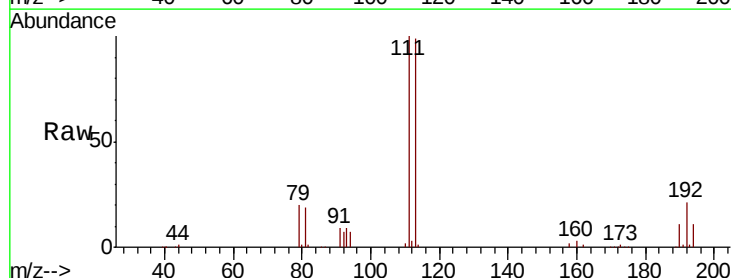


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

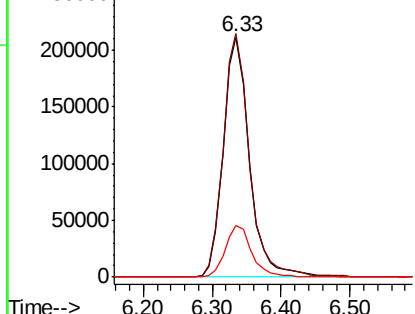
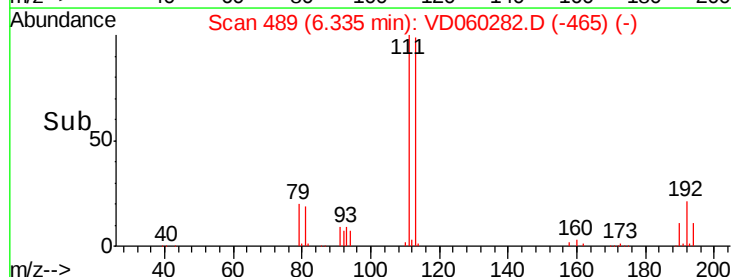


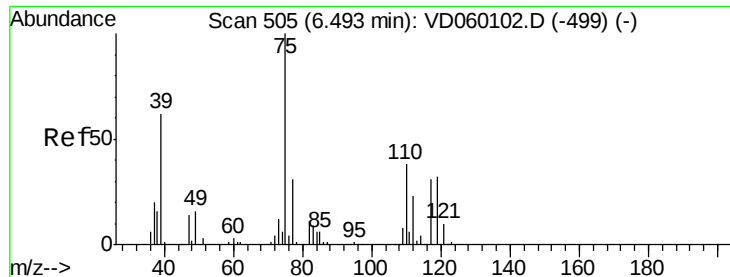
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. 0.04 min
 Lab File: VD060282.D
 Acq: 2 Nov 2018 00:38

Tgt Ion:113 Resp: 557866
 Ion Ratio Lower Upper
 113 100
 111 101.3 81.5 122.3
 192 21.4 17.4 26.0



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

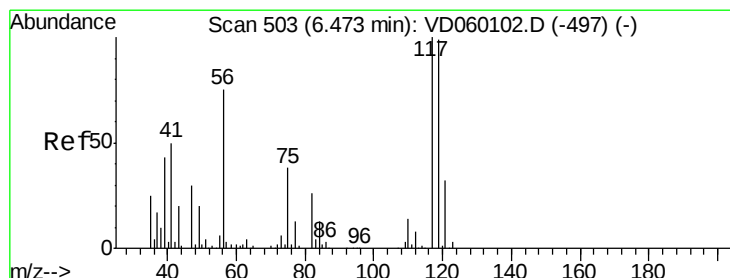
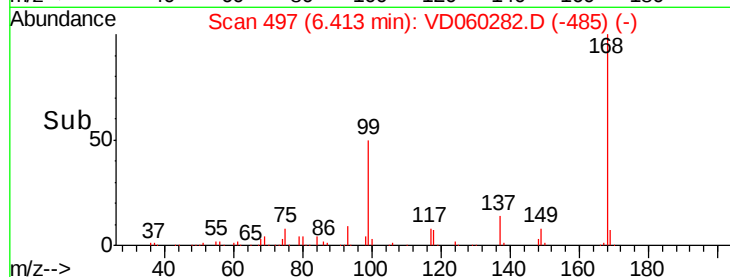
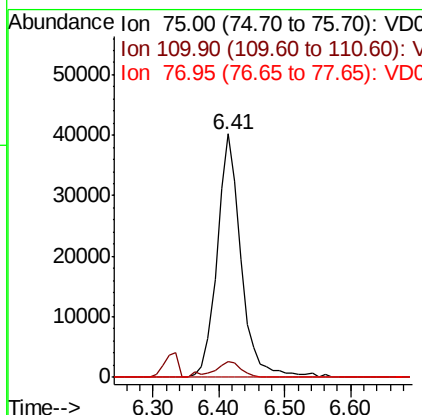
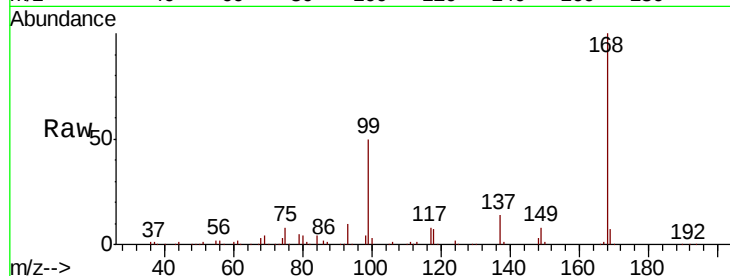




#36
 1,1-Dichloropropene
 Concen: 5.563 ug/l
 RT: 6.41 min Scan# 497
 Delta R.T. -0.08 min
 Lab File: VD060282.D
 Acq: 2 Nov 2018 00:38

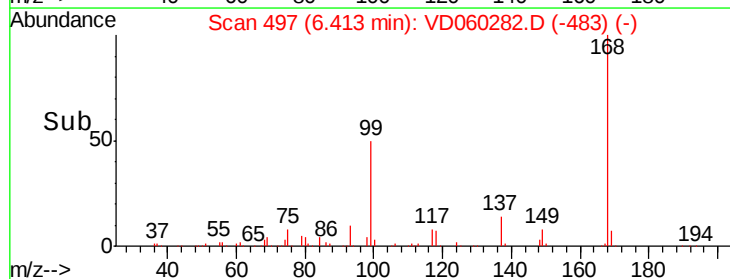
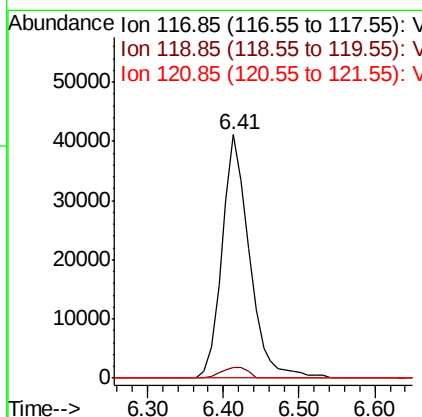
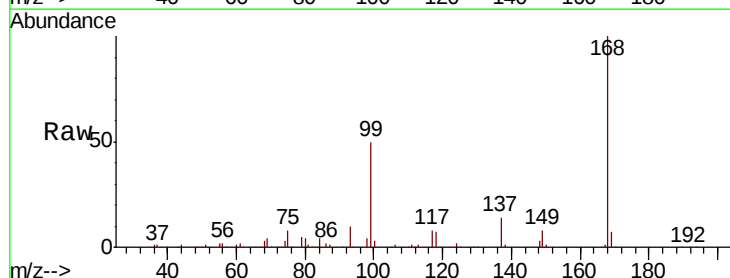
Instrument :
 MSVOA_D
 ClientSampled :
 TP-7

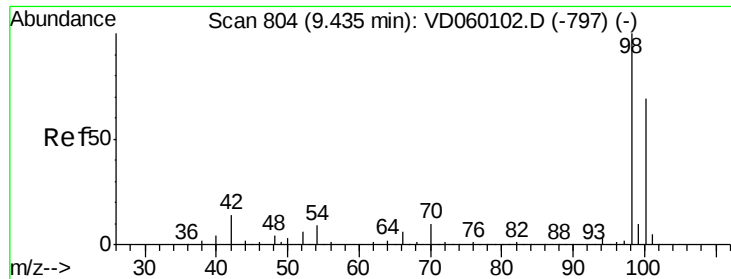
Tgt Ion: 75 Resp: 101157
 Ion Ratio Lower Upper
 75 100
 110 6.5 19.0 57.0#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 6.243 ug/l
 RT: 6.41 min Scan# 497
 Delta R.T. -0.06 min
 Lab File: VD060282.D
 Acq: 2 Nov 2018 00:38

Tgt Ion: 117 Resp: 103028
 Ion Ratio Lower Upper
 117 100
 119 4.5 77.8 116.6#
 121 0.0 24.8 37.2#

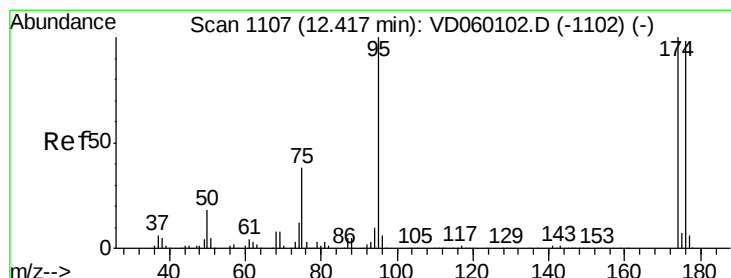
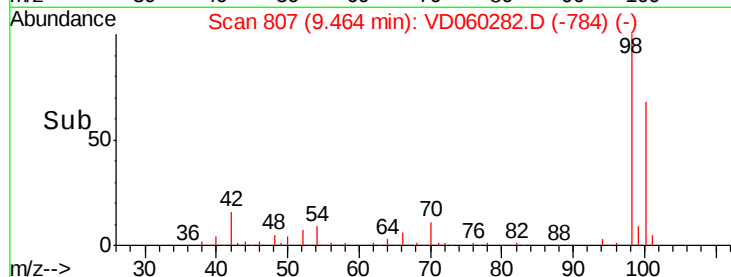
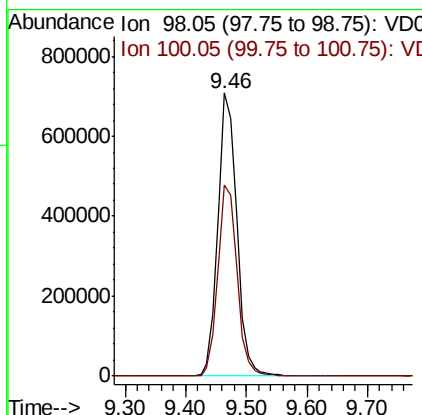
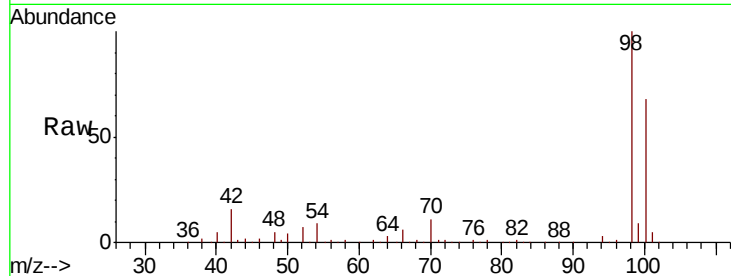




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.03 min
Lab File: VD060282.D
Acq: 2 Nov 2018 00:38

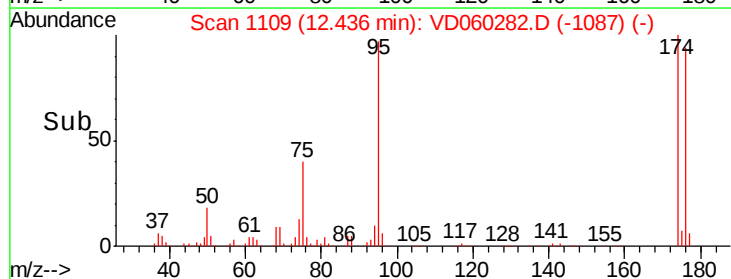
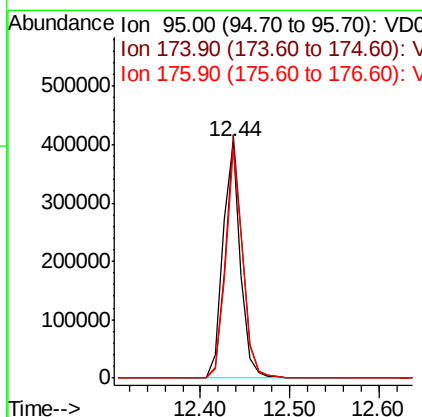
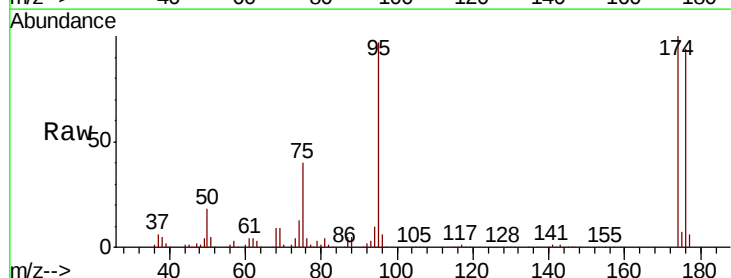
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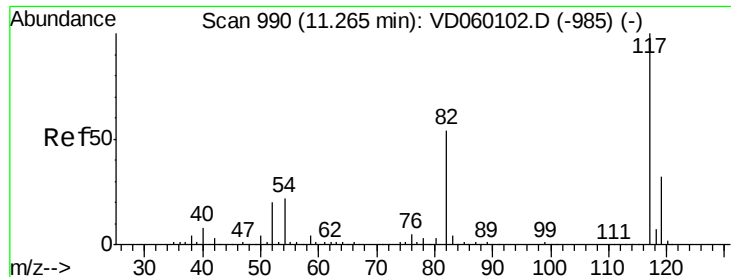
Tgt Ion: 98 Resp: 1550928
Ion Ratio Lower Upper
98 100
100 67.8 55.4 83.0



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.02 min
Lab File: VD060282.D
Acq: 2 Nov 2018 00:38

Tgt Ion: 95 Resp: 559470
Ion Ratio Lower Upper
95 100
174 103.0 0.0 200.2
176 97.2 0.0 195.6

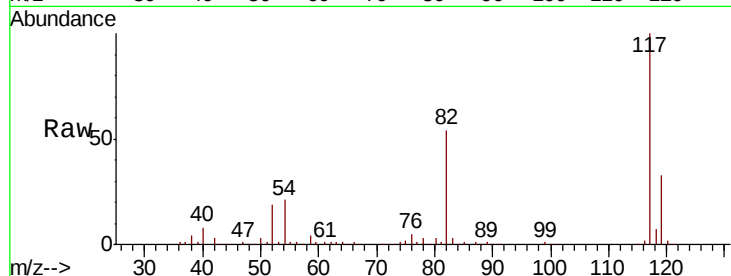




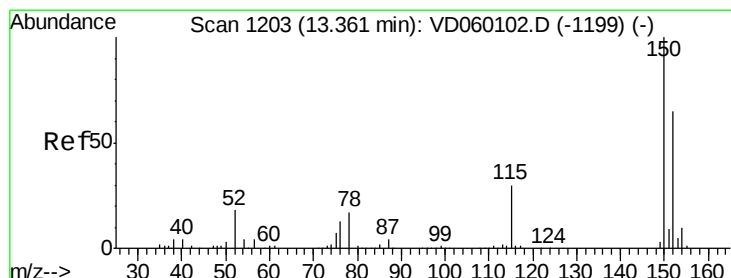
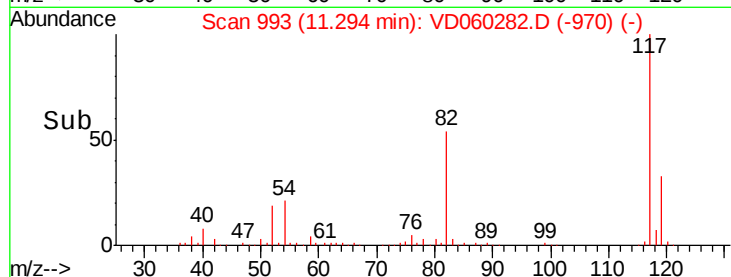
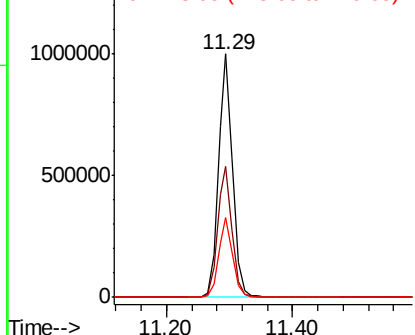
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.03 min
Lab File: VD060282.D
Acq: 2 Nov 2018 00:38

Instrument :
MSVOA_D
ClientSampleId :
TP-7

Tgt Ion:117 Resp: 1576612
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.2
119 32.5 26.0 39.0

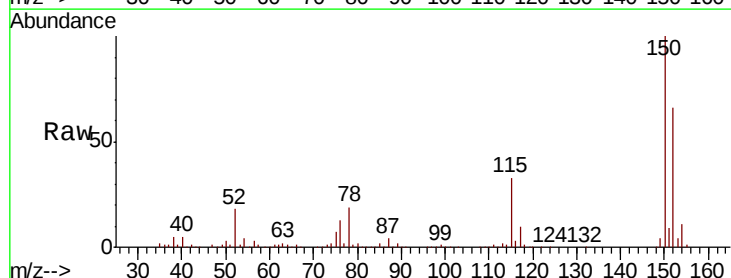


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

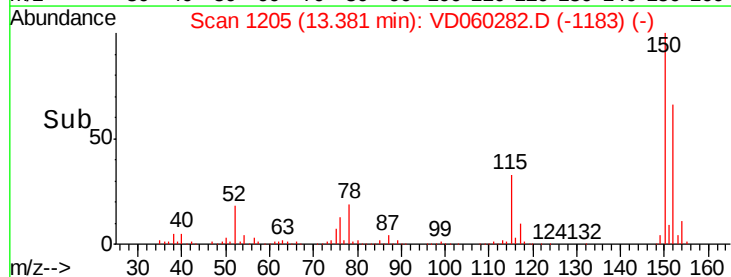
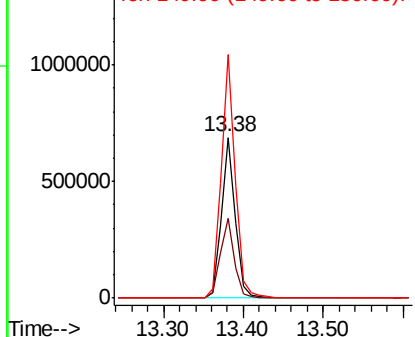


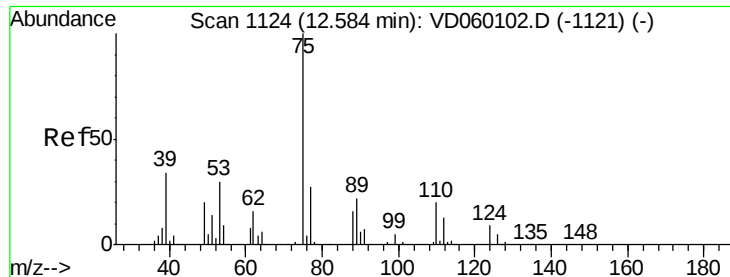
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.02 min
Lab File: VD060282.D
Acq: 2 Nov 2018 00:38

Tgt Ion:152 Resp: 845599
Ion Ratio Lower Upper
152 100
115 49.7 27.1 81.2
150 151.5 0.0 311.8



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





#76

1,2,3-Trichloropropane

Concen: 19.224 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. -0.15 min

Lab File: VD060282.D

Acq: 2 Nov 2018 00:38

Instrument :

MSVOA_D

ClientSampleId :

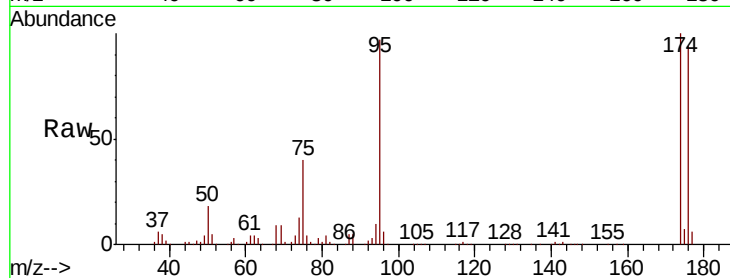
TP-7

Tgt Ion: 75 Resp: 234101

Ion Ratio Lower Upper

75 100

77 1.5 16.3 48.9#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

12.44

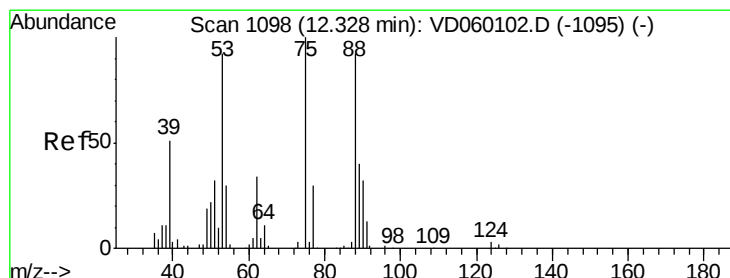
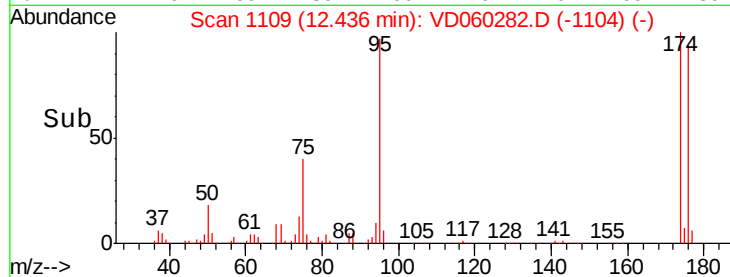
150000

100000

50000

0

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 68.379 ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.11 min

Lab File: VD060282.D

Acq: 2 Nov 2018 00:38

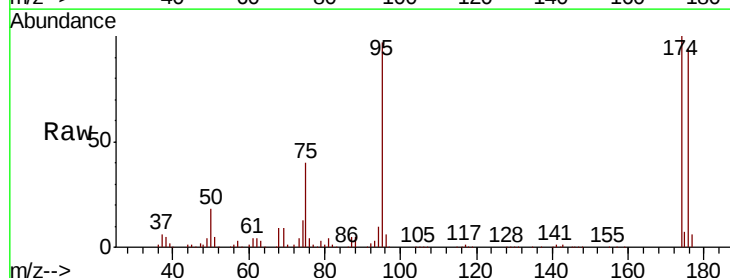
Tgt Ion: 75 Resp: 233978

Ion Ratio Lower Upper

75 100

53 0.0 73.0 109.6#

89 0.0 32.0 48.0#



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

12.44

150000

100000

50000

0

Time-->

