

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD112018\
 Data File : VD060421.D
 Acq On : 20 Nov 2018 11:18
 Operator : JC/SY
 Sample : VD1120SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBL01

Quant Time: Nov 20 14:43:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1396181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	1872133	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1492828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	743328	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.79	65	485064	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
35) Dibromofluoromethane	6.33	113	729842	52.28	ug/l	0.00
Spiked Amount			Recovery	=	104.56%	
50) Toluene-d8	9.46	98	2042234	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.43	95	719640	48.61	ug/l	0.00
Spiked Amount			Recovery	=	97.22%	

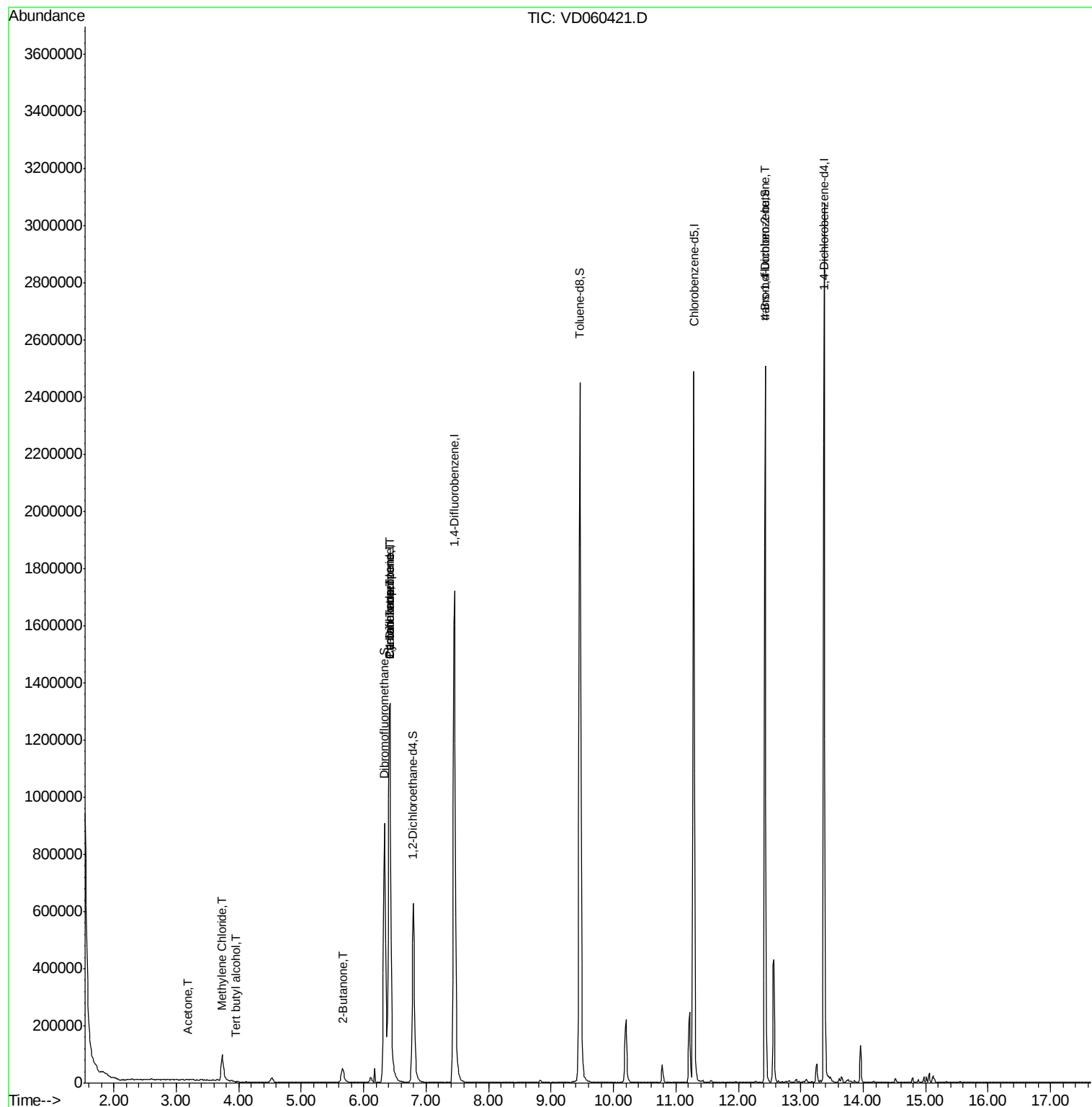
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	3037	Below Cal		97
11) Tert butyl alcohol	3.96	59	1195	2.91 ug/l	#	70
16) Acetone	3.17	43	6786	3.91 ug/l	#	55
20) Methylene Chloride	3.73	84	62661	4.07 ug/l		96
25) 2-Butanone	5.65	43	5180	1.44 ug/l	#	60
31) Cyclohexane	6.41	56	27134	1.14 ug/l	#	1
36) 1,1-Dichloropropene	6.41	75	97842	5.29 ug/l	#	46
38) Carbon Tetrachloride	6.41	117	109535	6.38 ug/l	#	15
81) trans-1,4-Dichloro-2-buten	12.43	75	285178	112.65 ug/l	#	15
89) n-Butylbenzene	13.65	91	4662	Below Cal		90

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

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Sample : VD1120SBL01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1120SBL01

Quant Time: Nov 20 14:43:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060421.D

Acq: 20 Nov 2018 11:18

Instrument :

MSVOA_D

ClientSampleId :

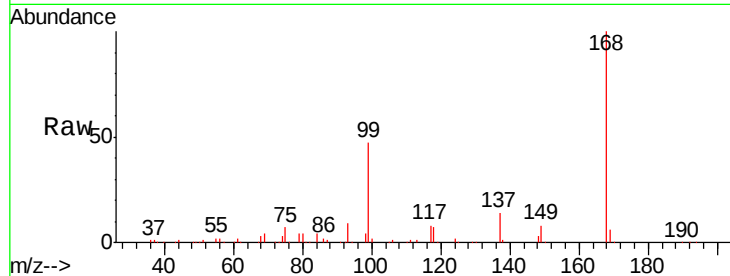
VD1120SBL01

Tgt Ion:168 Resp: 1396181

Ion Ratio Lower Upper

168 100

99 46.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

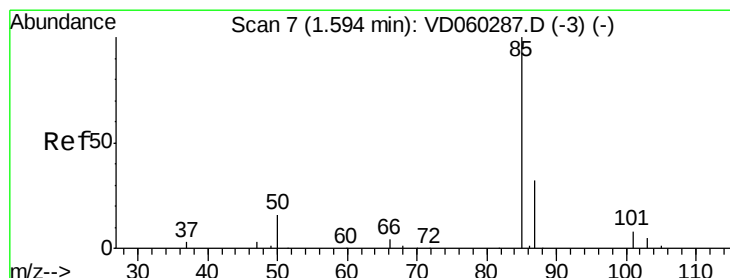
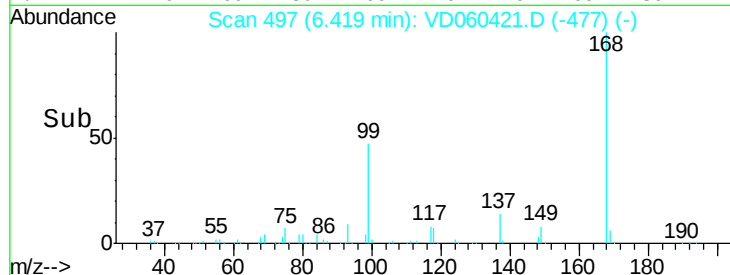
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 7

Delta R.T. 0.00 min

Lab File: VD060421.D

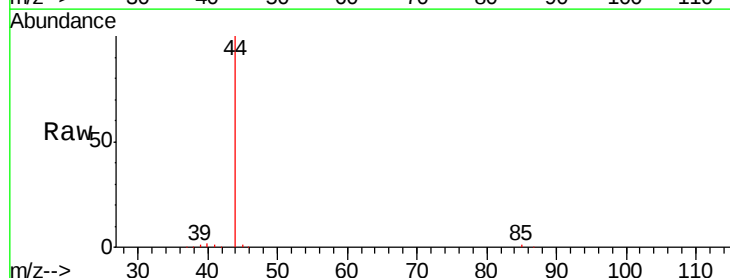
Acq: 20 Nov 2018 11:18

Tgt Ion: 85 Resp: 3037

Ion Ratio Lower Upper

85 100

87 32.1 16.8 50.4



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.60

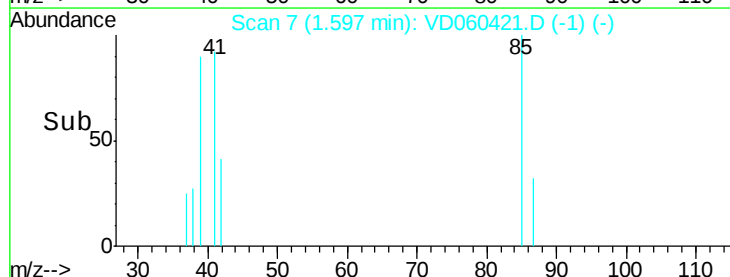
1500

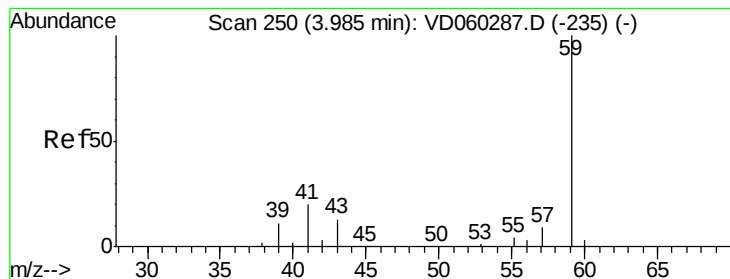
1000

500

0

Time-->





#11

Tert butyl alcohol

Concen: 2.91 ug/l

RT: 3.96 min Scan# 247

Delta R.T. -0.03 min

Lab File: VD060421.D

Acq: 20 Nov 2018 11:18

Instrument :

MSVOA_D

ClientSampleId :

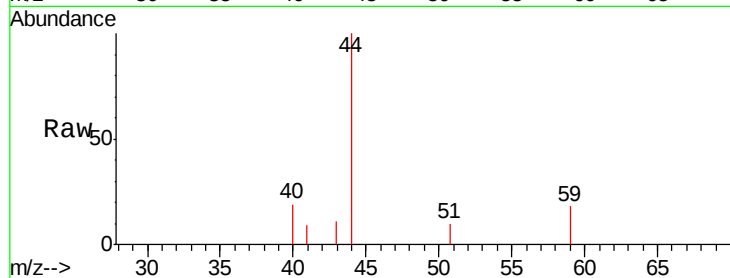
VD1120SBL01

Tgt Ion: 59 Resp: 1195

Ion Ratio Lower Upper

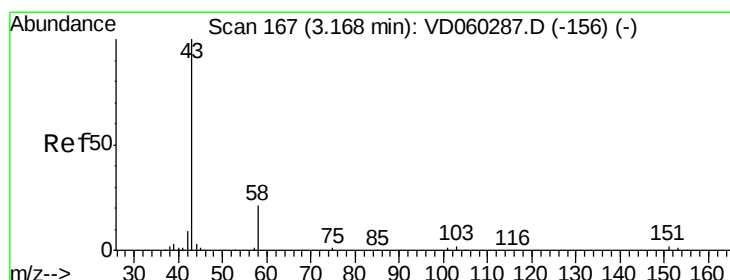
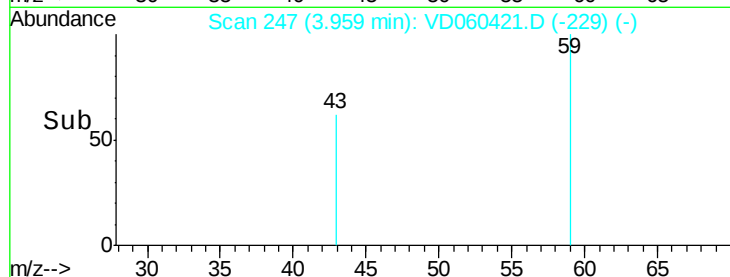
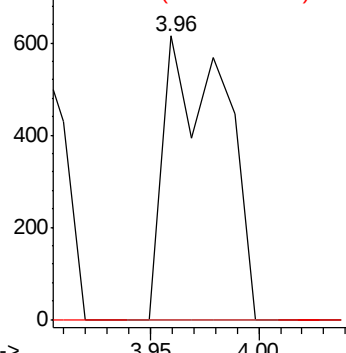
59 100

57 0.0 9.3 13.9#



Abundance Ion 58.95 (58.65 to 59.65): VDC

Ion 56.95 (56.65 to 57.65): VDC



#16

Acetone

Concen: 3.91 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.00 min

Lab File: VD060421.D

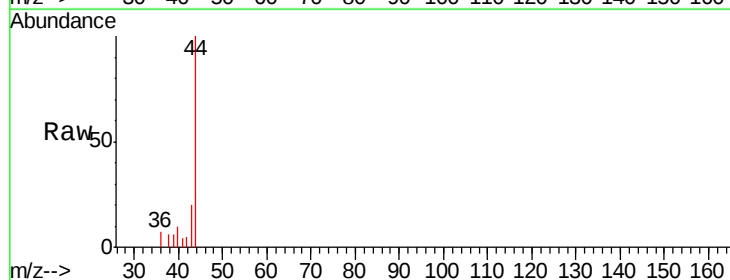
Acq: 20 Nov 2018 11:18

Tgt Ion: 43 Resp: 6786

Ion Ratio Lower Upper

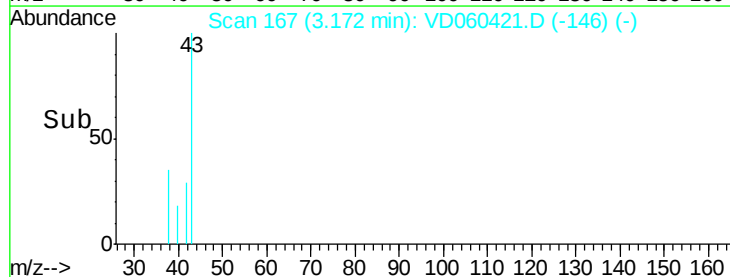
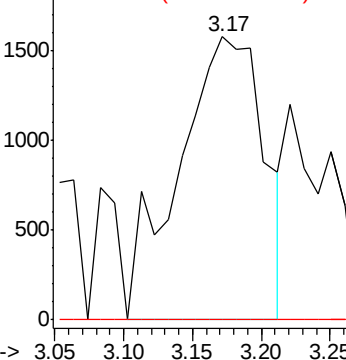
43 100

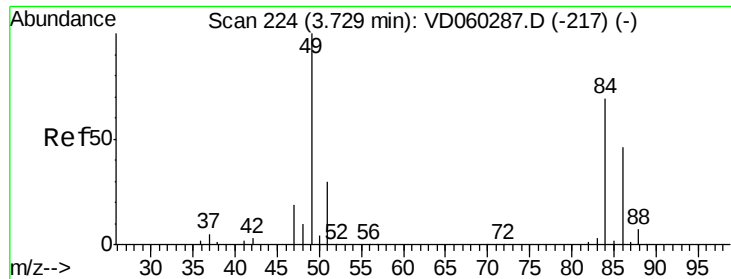
58 0.0 16.9 25.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

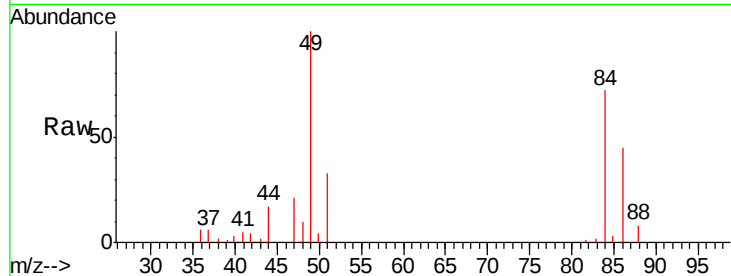




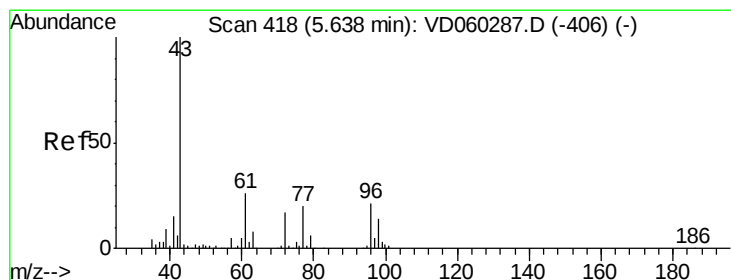
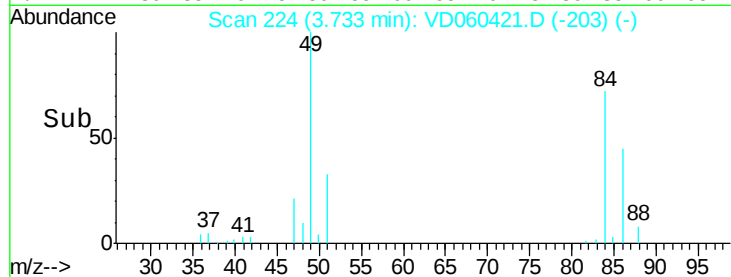
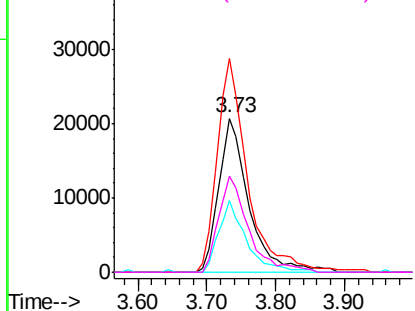
#20
Methylene Chloride
Concen: 4.07 ug/l
RT: 3.73 min Scan# 224
Delta R.T. 0.00 min
Lab File: VD060421.D
Acq: 20 Nov 2018 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD1120SBL01

Tgt Ion: 84 Resp: 62661
Ion Ratio Lower Upper
84 100
49 138.5 115.6 173.4
51 46.1 35.6 53.4
86 61.9 52.3 78.5

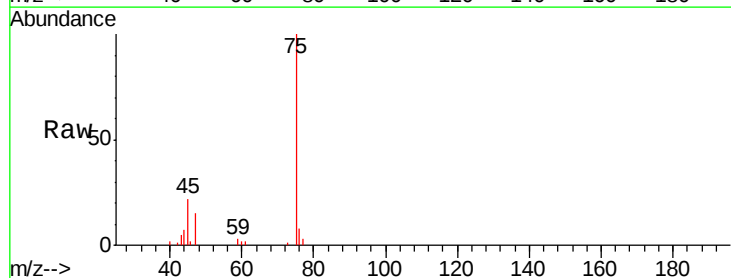


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

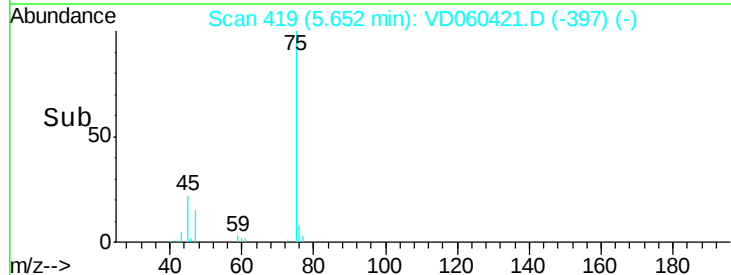
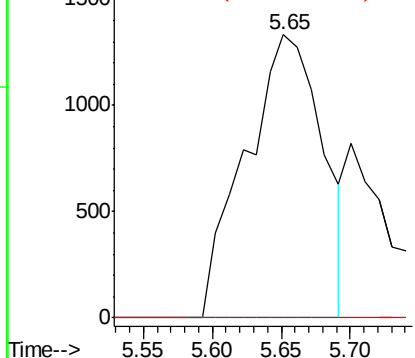


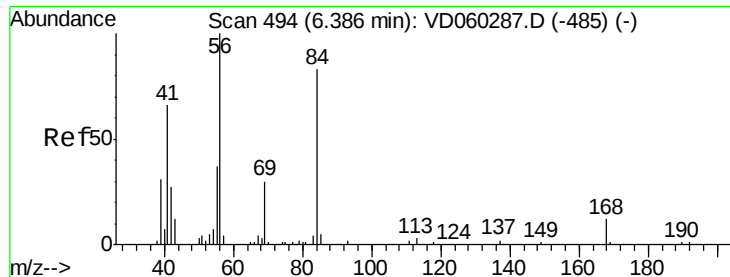
#25
2-Butanone
Concen: 1.44 ug/l
RT: 5.65 min Scan# 419
Delta R.T. 0.01 min
Lab File: VD060421.D
Acq: 20 Nov 2018 11:18

Tgt Ion: 43 Resp: 5180
Ion Ratio Lower Upper
43 100
72 0.0 13.8 20.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

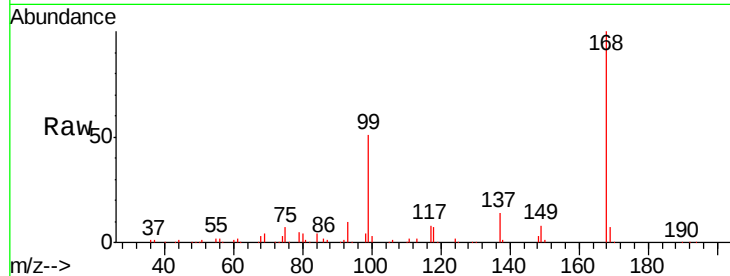




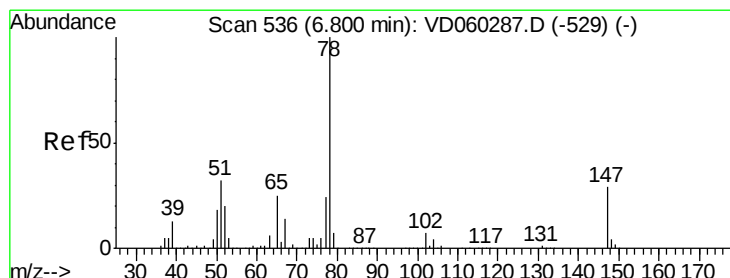
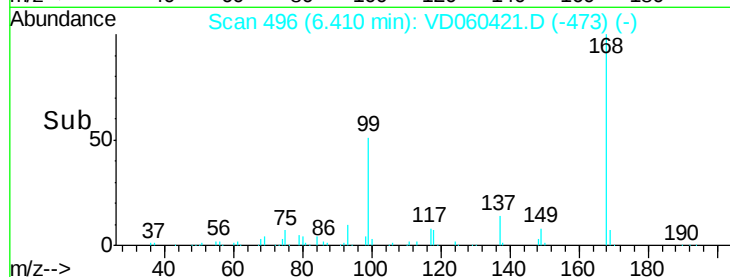
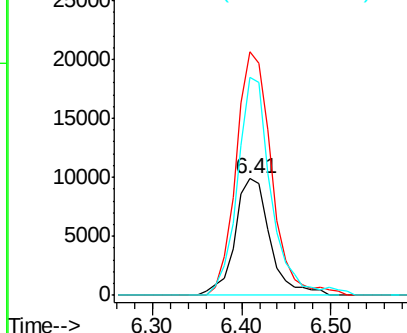
#31
Cyclohexane
Concen: 1.14 ug/l
RT: 6.41 min Scan# 496
Delta R.T. 0.02 min
Lab File: VD060421.D
Acq: 20 Nov 2018 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD1120SBL01

Tgt Ion: 56 Resp: 27134
Ion Ratio Lower Upper
56 100
69 208.7 22.2 33.2#
84 187.2 63.0 94.4#

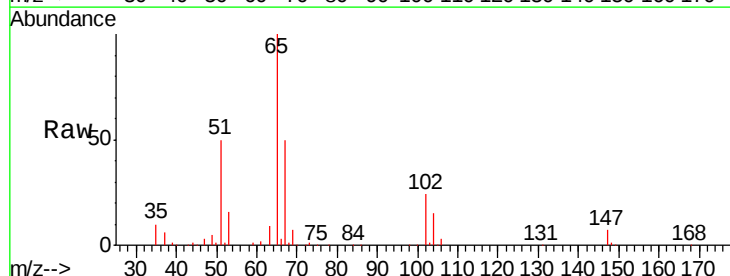


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

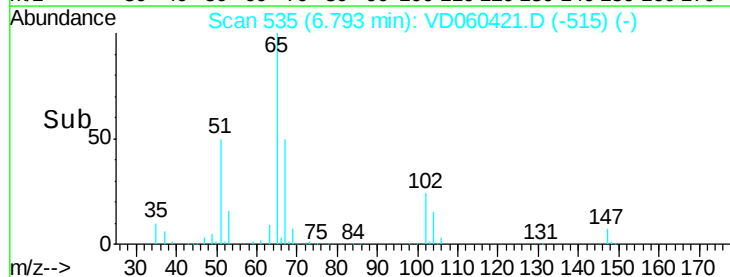
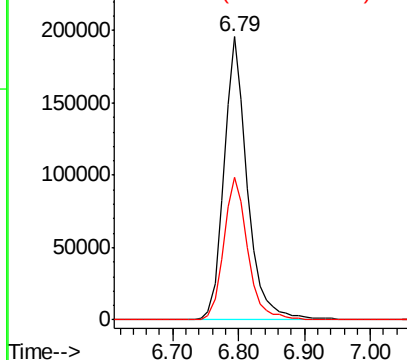


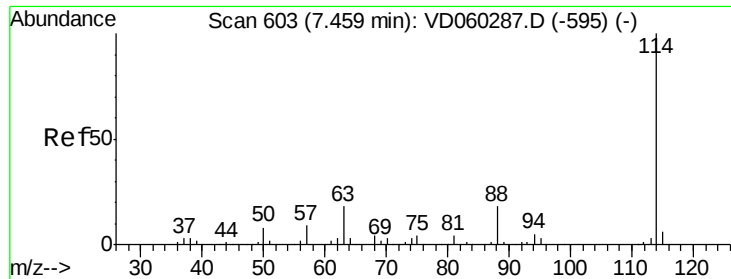
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060421.D
Acq: 20 Nov 2018 11:18

Tgt Ion: 65 Resp: 485064
Ion Ratio Lower Upper
65 100
67 50.5 0.0 109.8



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

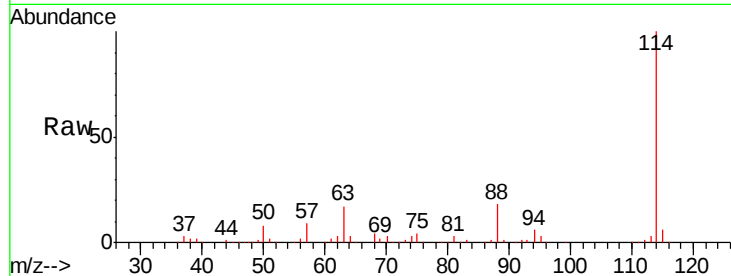




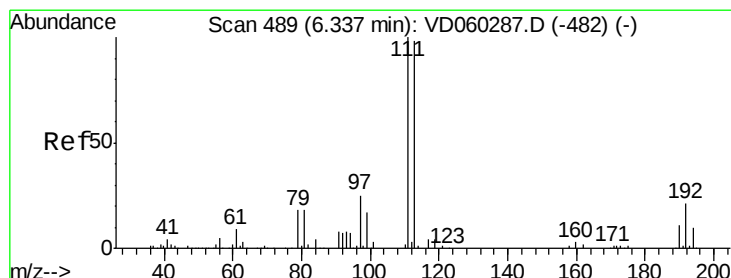
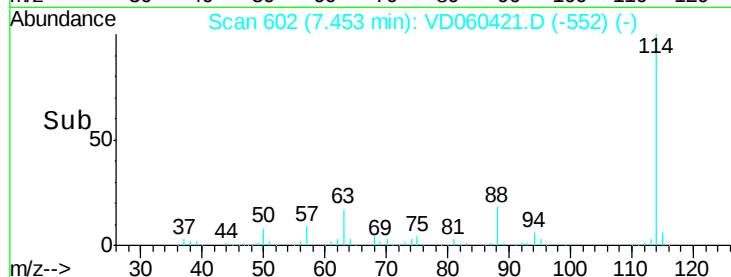
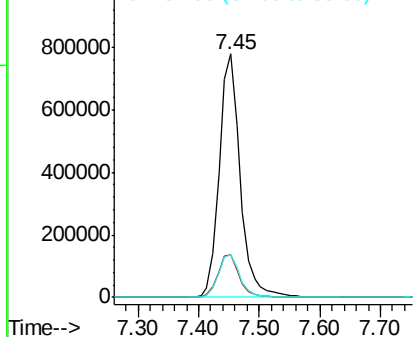
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060421.D
 Acq: 20 Nov 2018 11:18

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBL01

Tgt Ion:114 Resp: 1872133
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.0
 88 17.6 0.0 35.4

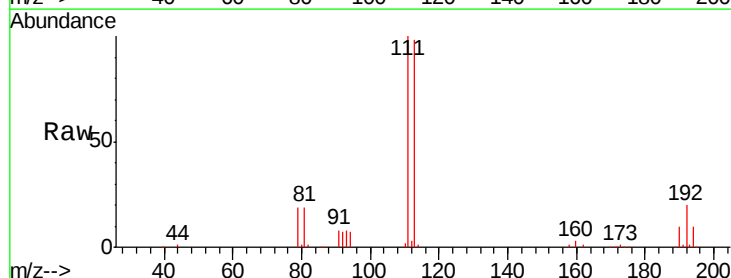


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

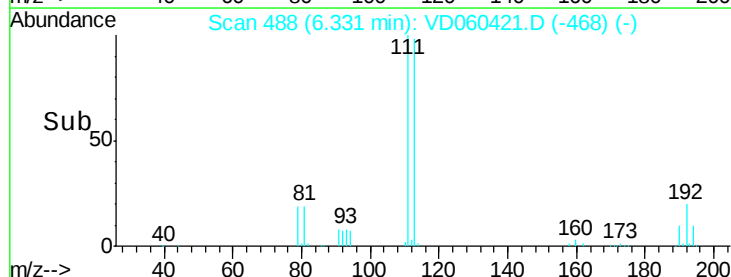
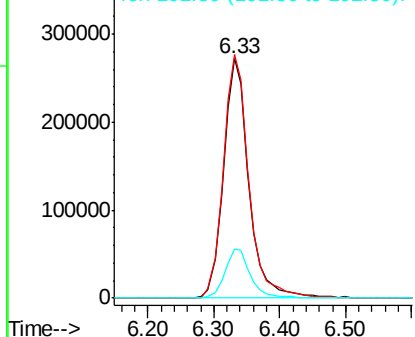


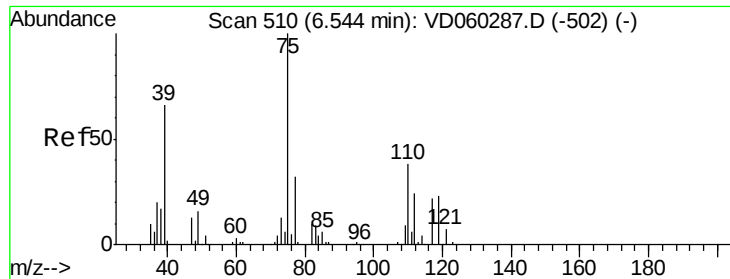
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.33 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: VD060421.D
 Acq: 20 Nov 2018 11:18

Tgt Ion:113 Resp: 729842
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.6 122.4
 192 20.5 16.5 24.7



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

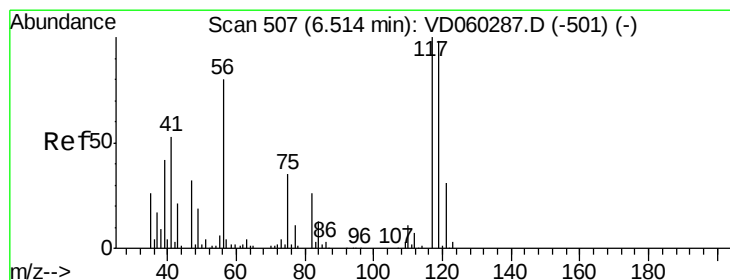
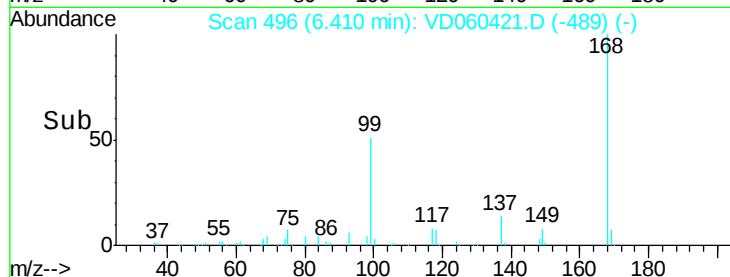
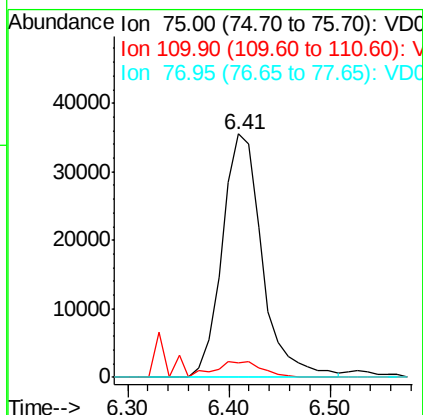
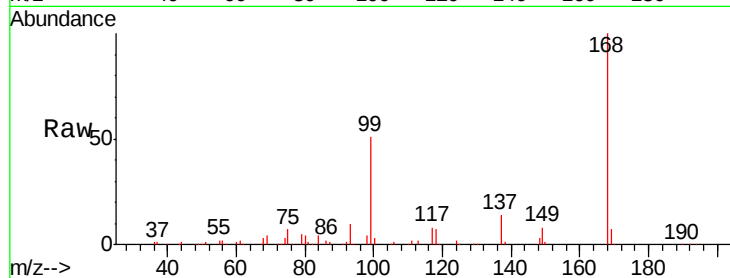




#36
 1,1-Dichloropropene
 Concen: 5.29 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.13 min
 Lab File: VD060421.D
 Acq: 20 Nov 2018 11:18

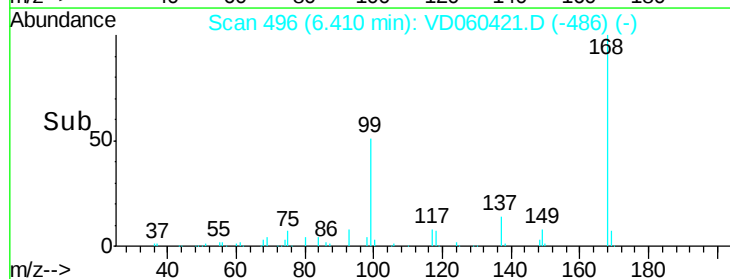
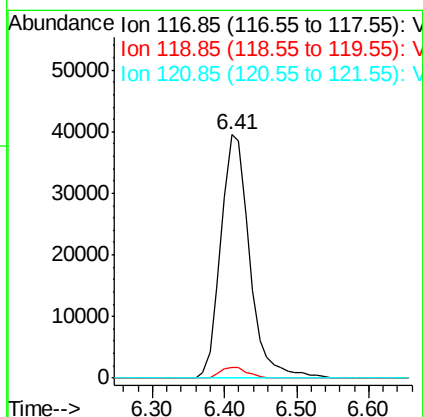
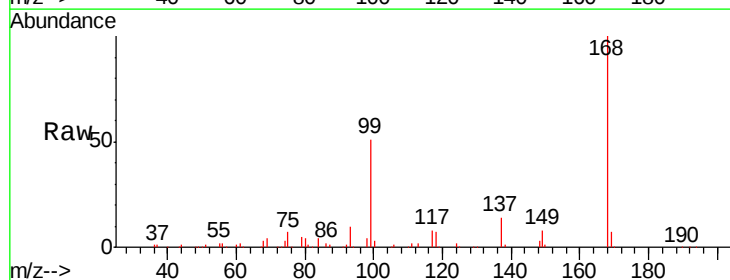
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBL01

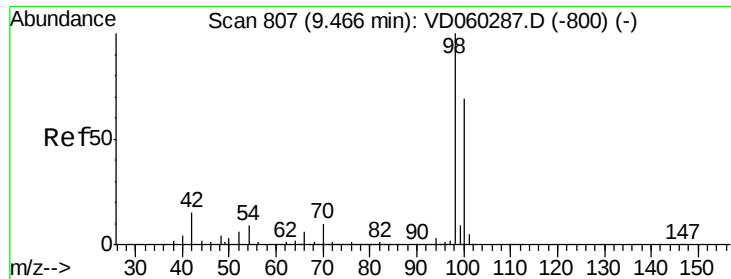
Tgt Ion	Ratio	Lower	Upper
75	100		
110	6.0	18.0	54.0#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.38 ug/l
 RT: 6.41 min Scan# 496
 Delta R.T. -0.10 min
 Lab File: VD060421.D
 Acq: 20 Nov 2018 11:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.6	115.0#
121	0.0	24.3	36.5#

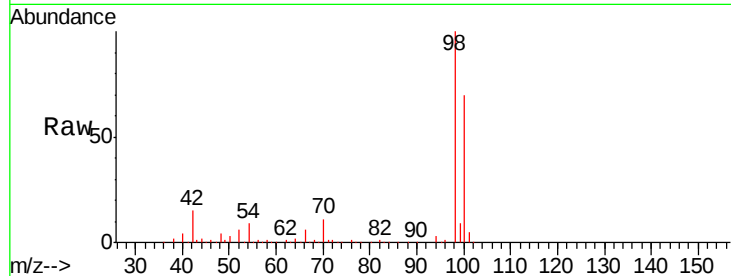




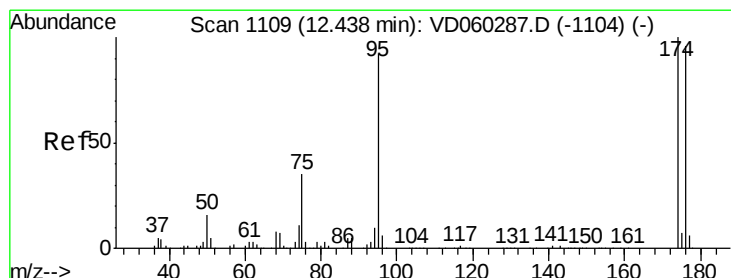
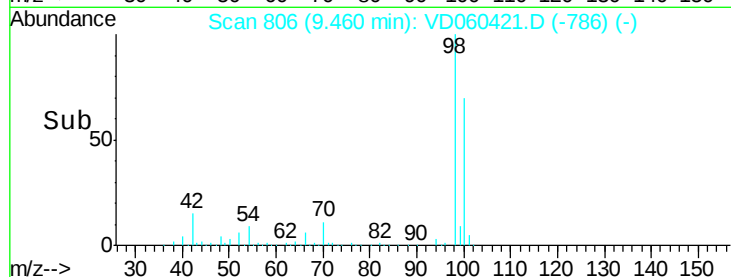
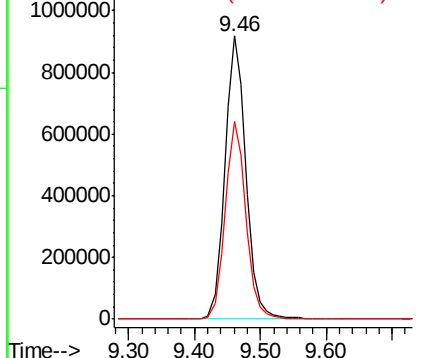
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 806
Delta R.T. -0.01 min
Lab File: VD060421.D
Acq: 20 Nov 2018 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD1120SBL01

Tgt Ion: 98 Resp: 2042234
Ion Ratio Lower Upper
98 100
100 70.0 55.2 82.8

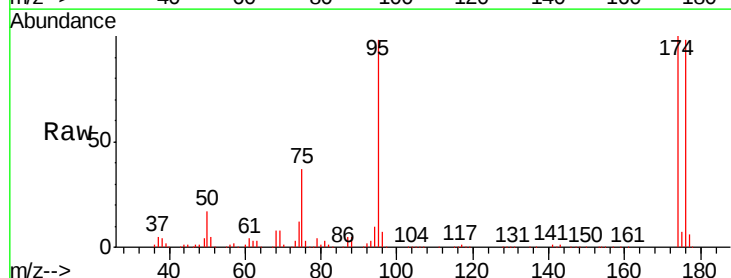


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

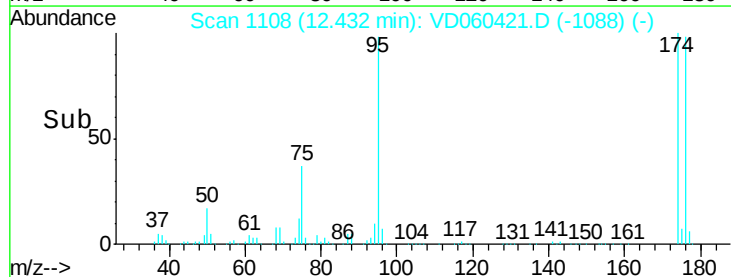
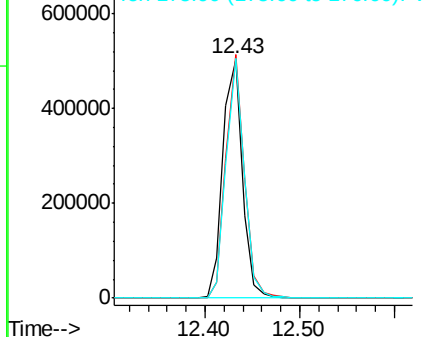


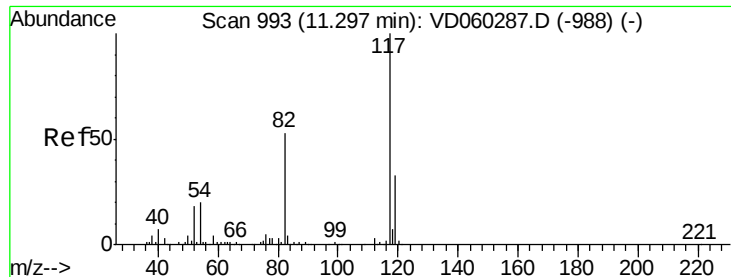
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060421.D
Acq: 20 Nov 2018 11:18

Tgt Ion: 95 Resp: 719640
Ion Ratio Lower Upper
95 100
174 101.9 0.0 160.8
176 100.1 0.0 154.6



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

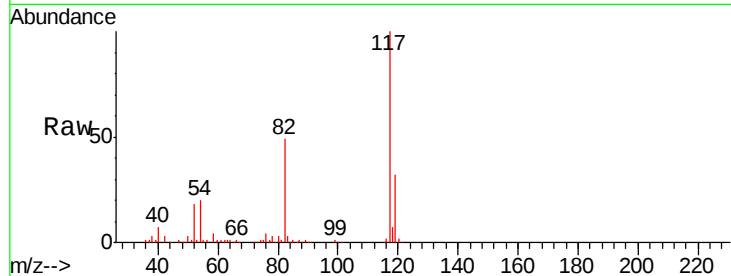




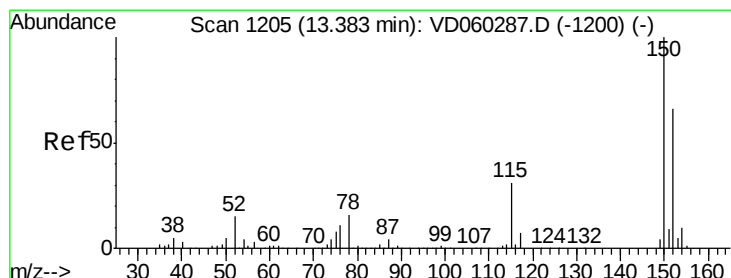
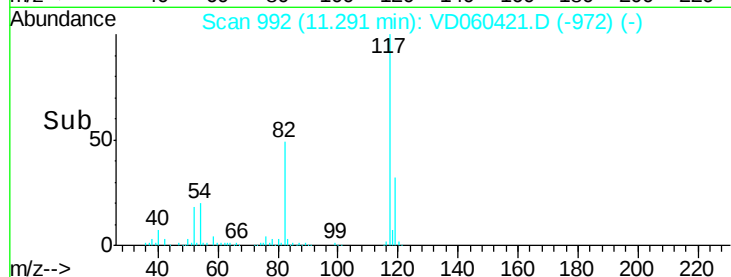
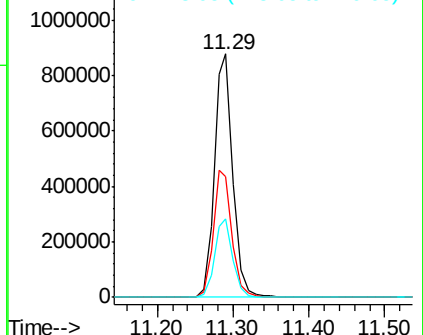
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060421.D
Acq: 20 Nov 2018 11:18

Instrument :
MSVOA_D
ClientSampleId :
VD1120SBL01

Tgt Ion:117 Resp: 1492828
Ion Ratio Lower Upper
117 100
82 49.5 43.7 65.5
119 32.5 26.1 39.1

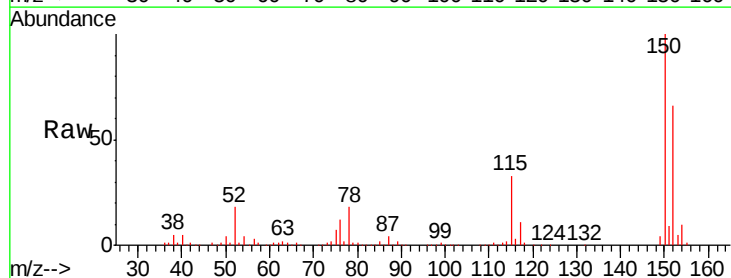


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V

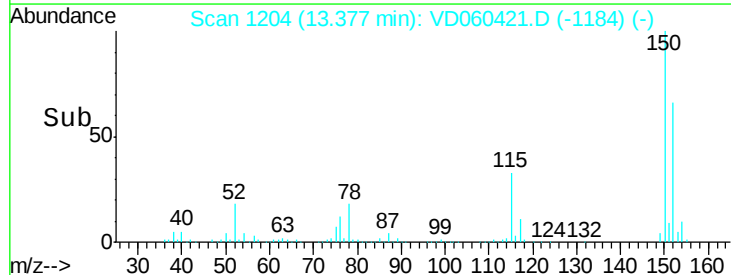
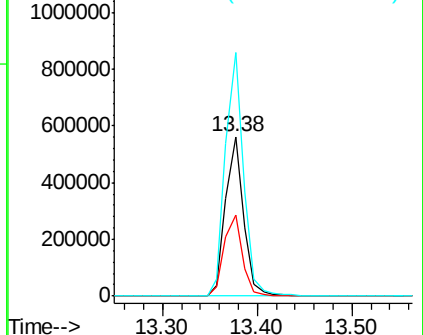


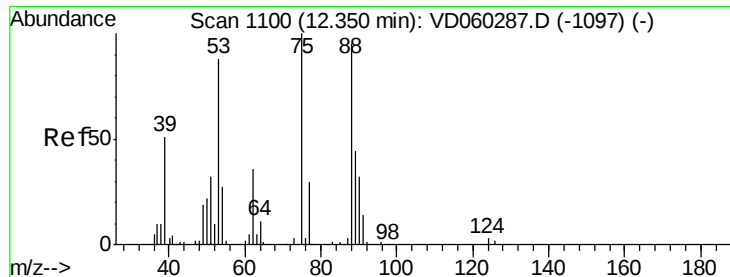
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060421.D
Acq: 20 Nov 2018 11:18

Tgt Ion:152 Resp: 743328
Ion Ratio Lower Upper
152 100
115 50.8 24.1 72.3
150 152.4 0.0 310.6



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: 112.65 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060421.D

Acq: 20 Nov 2018 11:18

Instrument :

MSVOA_D

ClientSampleId :

VD1120SBL01

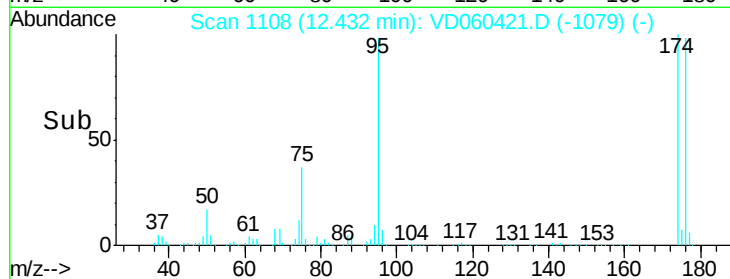
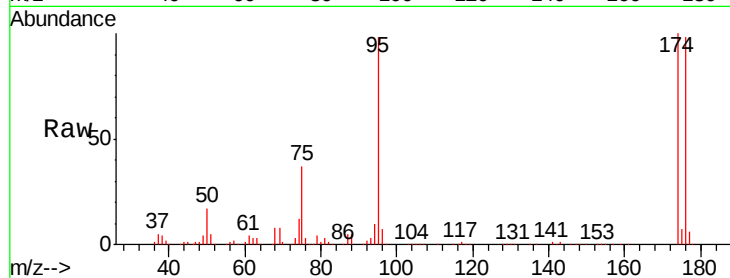
Tgt Ion: 75 Resp: 285178

Ion Ratio Lower Upper

75 100

53 0.0 68.6 103.0#

89 0.0 34.1 51.1#



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

