

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111418\
 Data File : VD060371.D
 Acq On : 14 Nov 2018 11:08
 Operator : JC/SY
 Sample : VD1114SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1114SBL01

Quant Time: Nov 14 14:31:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1616163	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.42	114	2143695	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.27	117	1733498	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	13.36	152	890456	50.00	ug/l	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.76	65	581874	50.28	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	100.56%	
35) Dibromofluoromethane	6.30	113	824935	51.61	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	103.22%	
50) Toluene-d8	9.43	98	2393018	51.15	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.41	95	836446	49.34	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	98.68%	

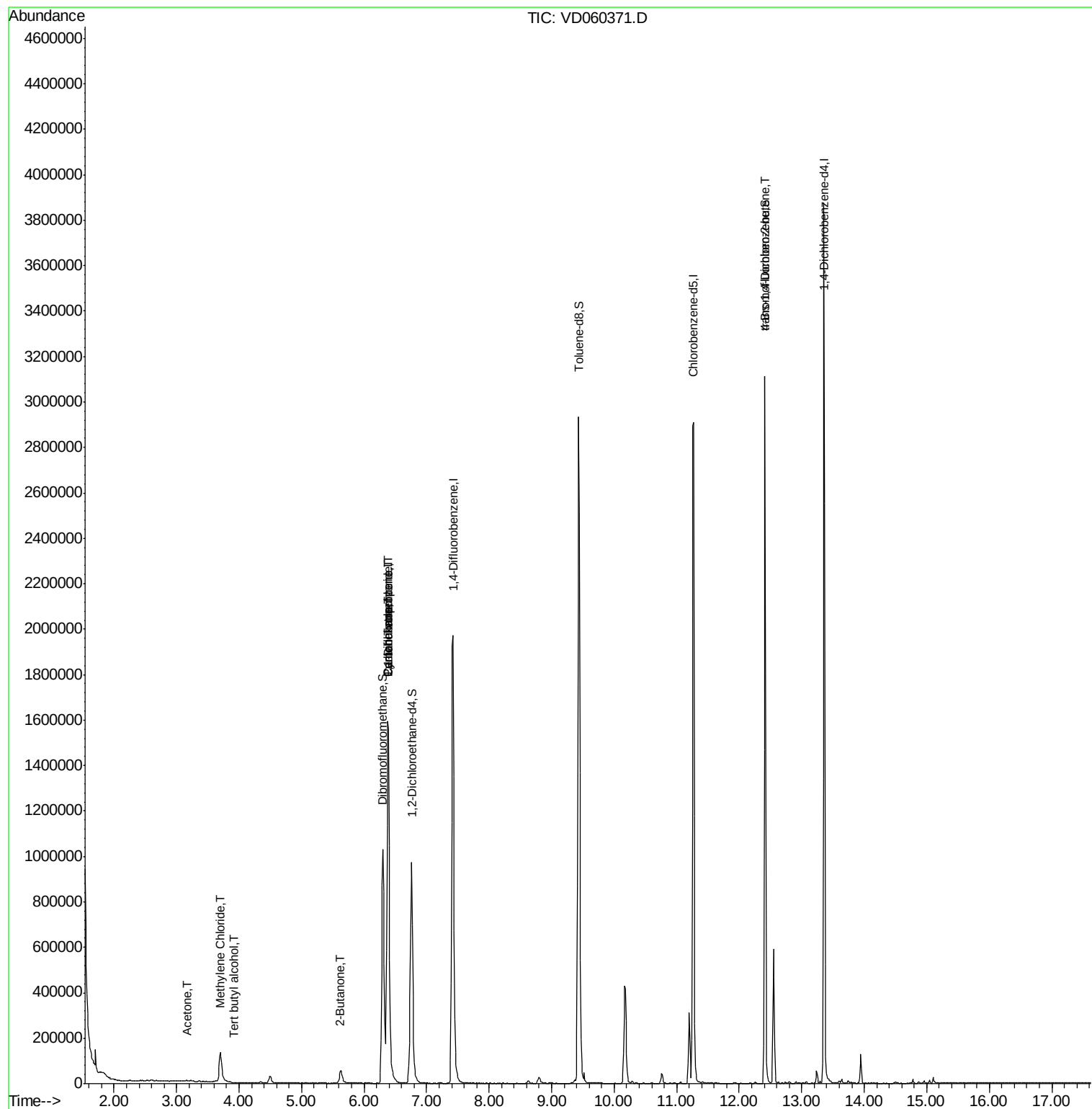
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.59	85	2256	Below Cal	#	65
11) Tert butyl alcohol	3.92	59	923	1.942	ug/l #	70
16) Acetone	3.15	43	7021	3.498	ug/l	98
20) Methylene Chloride	3.70	84	91240	5.124	ug/l	96
25) 2-Butanone	5.61	43	6460	1.548	ug/l #	60
31) Cyclohexane	6.38	56	29528	1.069	ug/l #	1
36) 1,1-Dichloropropene	6.38	75	112371	5.306	ug/l #	47
38) Carbon Tetrachloride	6.38	117	124126	6.318	ug/l #	16
81) trans-1,4-Dichloro-2-buten	12.41	75	345949	114.077	ug/l #	15
89) n-Butylbenzene	13.63	91	3273	Below Cal		86

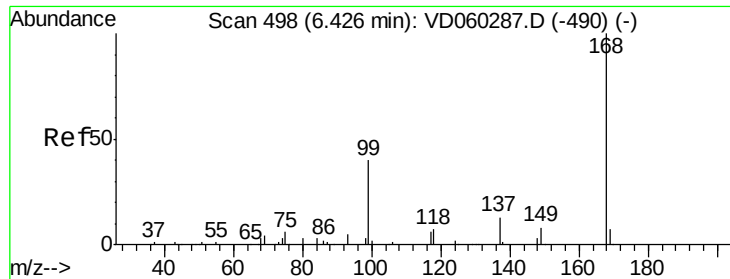
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111418\
Data File : VD060371.D
Acq On : 14 Nov 2018 11:08
Operator : JC/SY
Sample : VD1114SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

Quant Time: Nov 14 14:31:28 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 06 13:56:04 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 494

Delta R.T. -0.04 min

Lab File: VD060371.D

Acq: 14 Nov 2018 11:08

Instrument :

MSVOA_D

ClientSampleId :

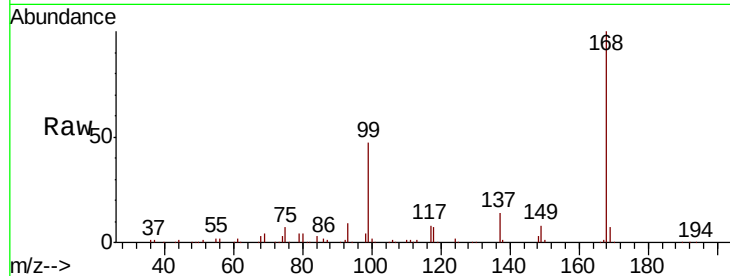
VD1114SBL01

Tot Ion:168 Resp: 1616163

Ion Ratio Lower Upper

168 100

99 46.7 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

600000

400000

200000

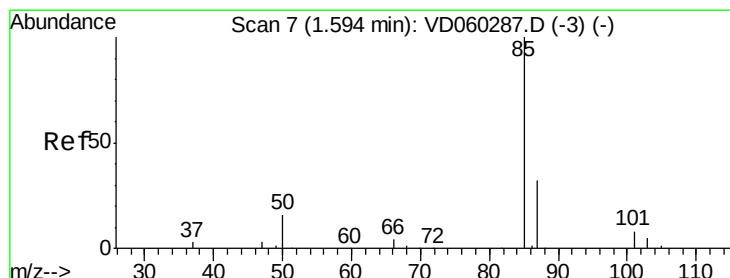
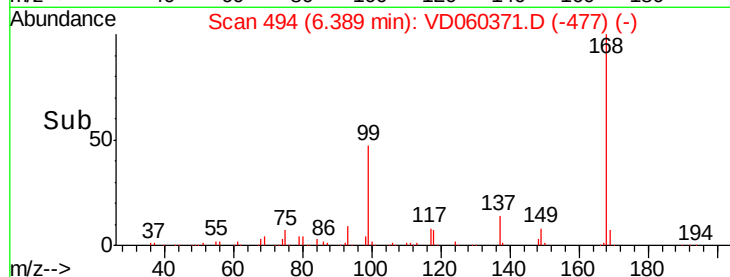
0

Time-->

6.20

6.40

6.60



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.59 min Scan# 6

Delta R.T. -0.01 min

Lab File: VD060371.D

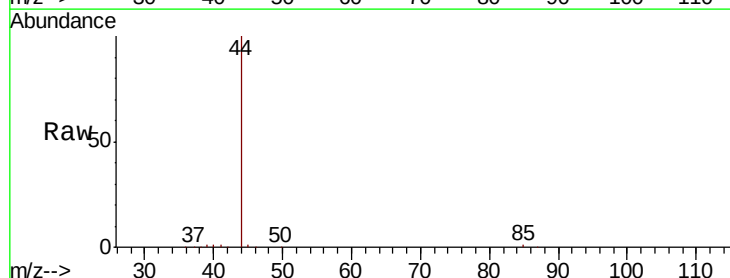
Acq: 14 Nov 2018 11:08

Tgt Ion: 85 Resp: 2256

Ion Ratio Lower Upper

85 100

87 53.5 16.8 50.4#



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1500

1000

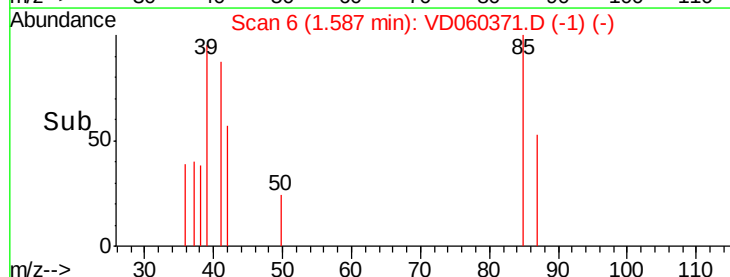
500

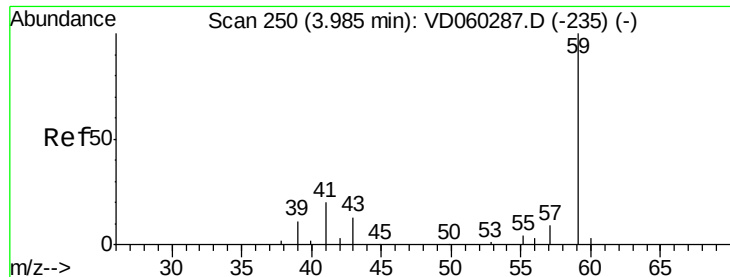
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Time-->

1.55

1.60

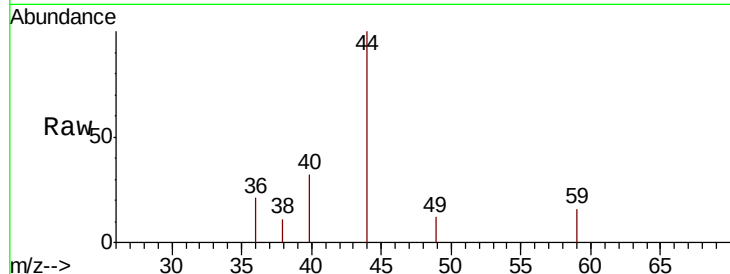




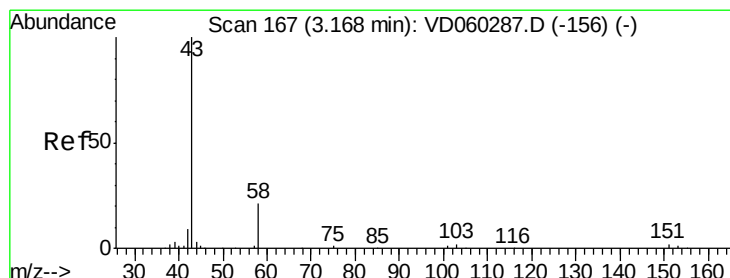
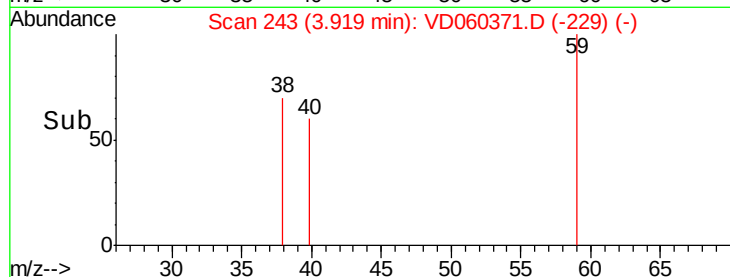
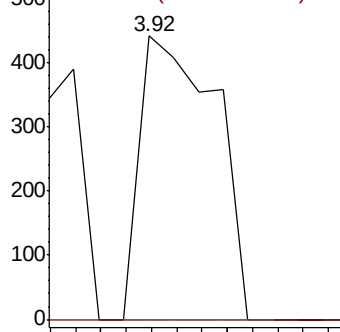
#11
Tert butyl alcohol
Concen: 1.942 ug/l
RT: 3.92 min Scan# 243
Delta R.T. -0.07 min
Lab File: VD060371.D
Acq: 14 Nov 2018 11:08

Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

Tot Ion: 59 Resp: 923
Ion Ratio Lower Upper
59 100
57 0.0 9.3 13.9#

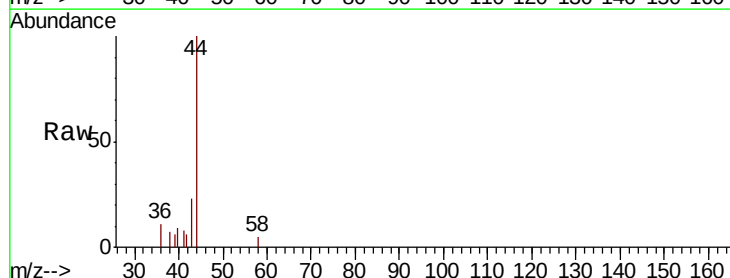


Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC

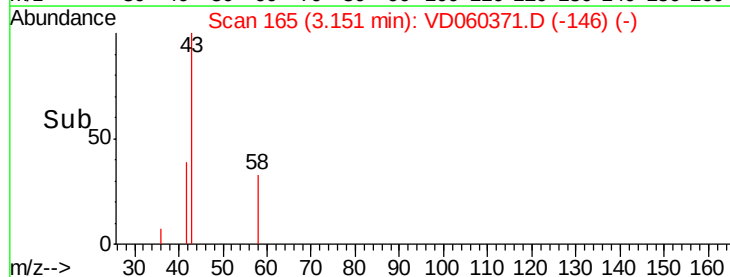
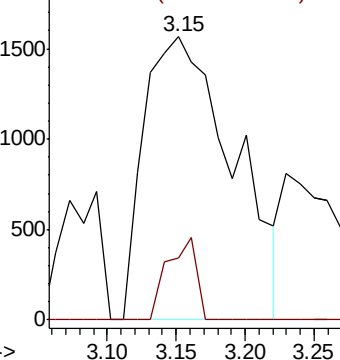


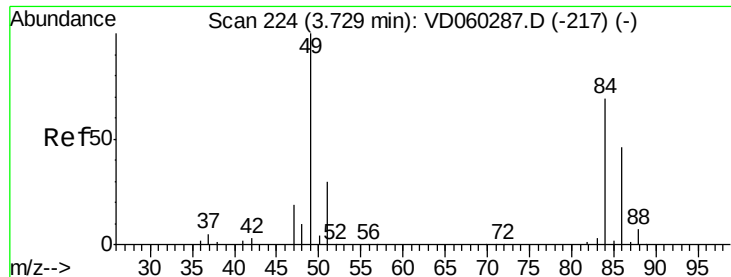
#16
Acetone
Concen: 3.498 ug/l
RT: 3.15 min Scan# 165
Delta R.T. -0.02 min
Lab File: VD060371.D
Acq: 14 Nov 2018 11:08

Tgt Ion: 43 Resp: 7021
Ion Ratio Lower Upper
43 100
58 22.0 16.9 25.3



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

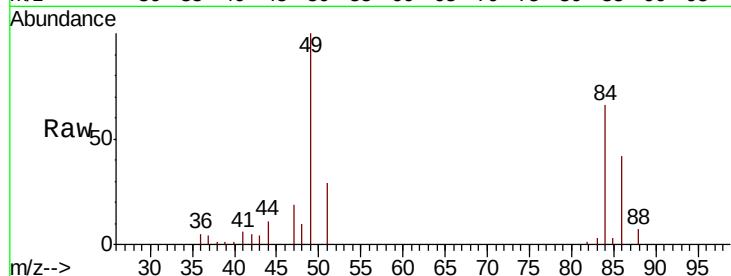




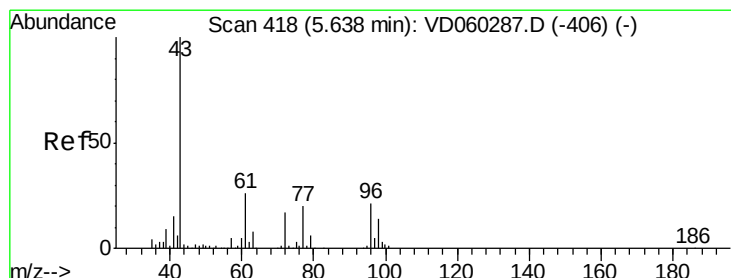
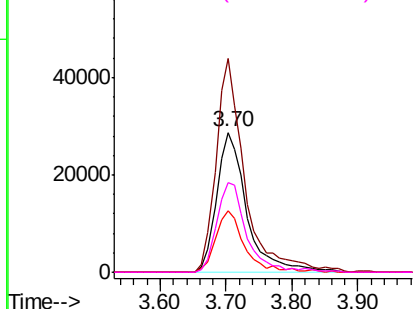
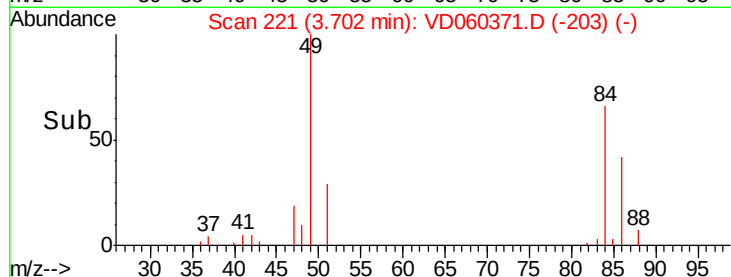
#20
Methvlene Chloride
Concen: 5.124 ug/l
RT: 3.70 min Scan# 221
Delta R.T. -0.03 min
Lab File: VD060371.D
Acq: 14 Nov 2018 11:08

Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

Tot Ion:	84	Resp:	91240
Ion	Ratio	Lower	Upper
84	100		
49	152.4	115.6	173.4
51	43.8	35.6	53.4
86	63.8	52.3	78.5

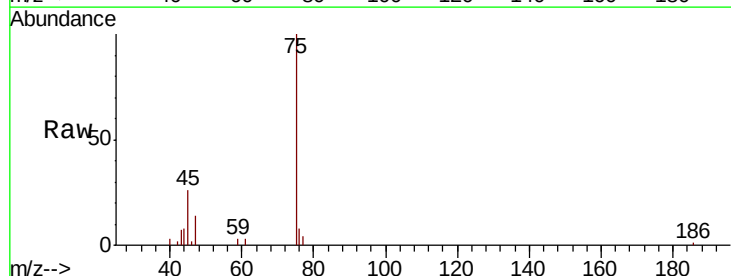


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

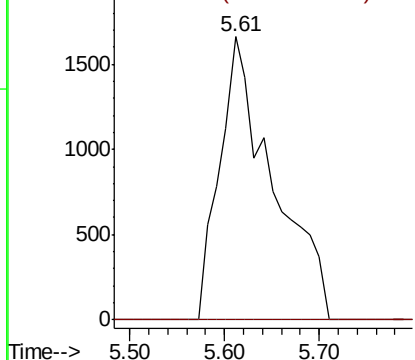
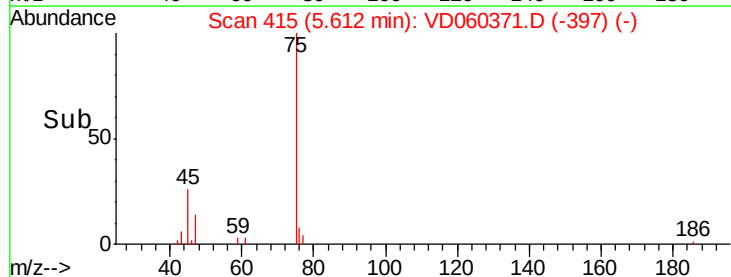


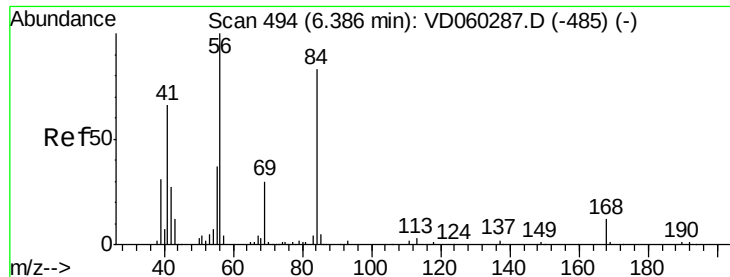
#25
2-Butanone
Concen: 1.548 ug/l
RT: 5.61 min Scan# 415
Delta R.T. -0.03 min
Lab File: VD060371.D
Acq: 14 Nov 2018 11:08

Tgt Ion:	43	Resp:	6460
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

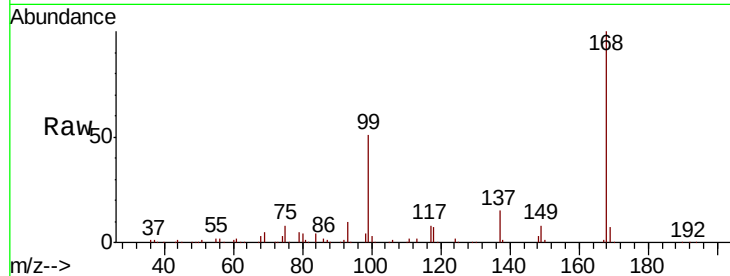




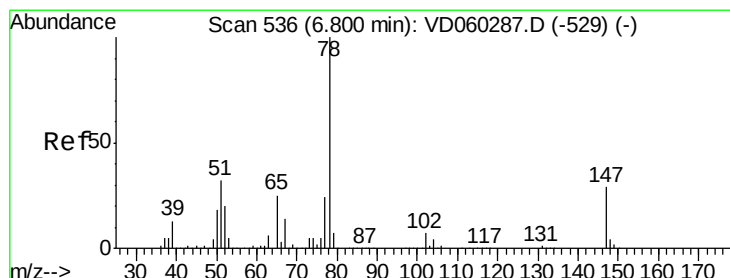
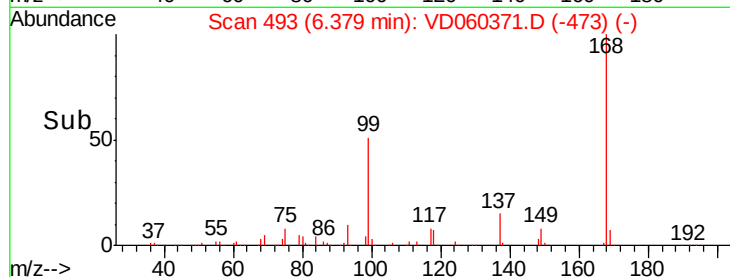
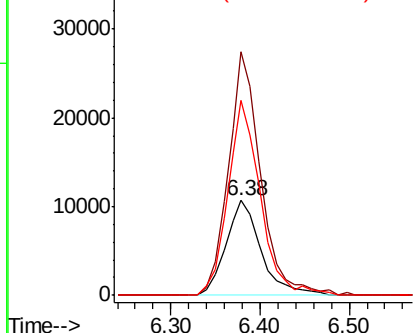
#31
Cyclohexane
Concen: 1.069 ug/l
RT: 6.38 min Scan# 493
Delta R.T. -0.01 min
Lab File: VD060371.D
Acq: 14 Nov 2018 11:08

Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

Tot Ion: 56 Resp: 29528
Ion Ratio Lower Upper
56 100
69 256.9 22.2 33.2#
84 205.5 63.0 94.4#

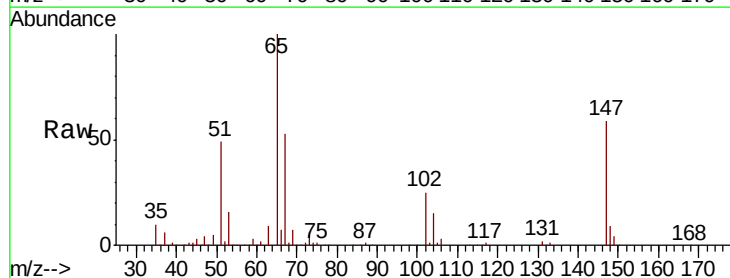


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

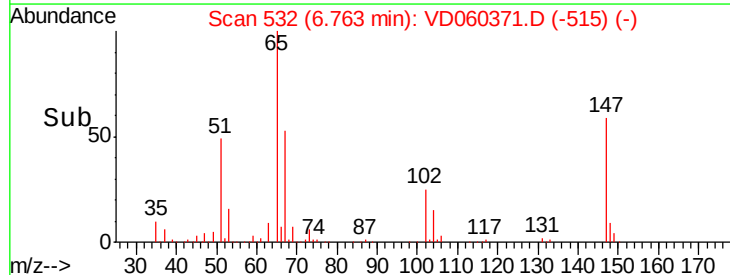
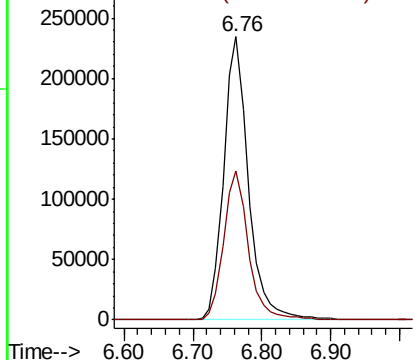


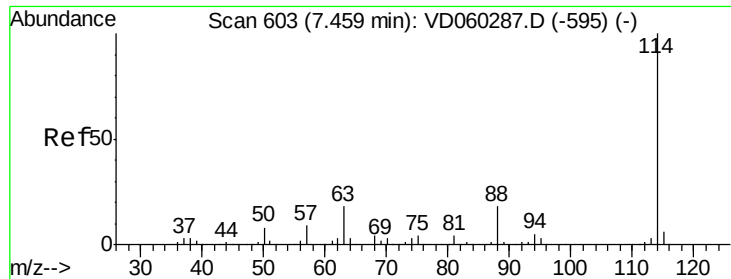
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.76 min Scan# 532
Delta R.T. -0.04 min
Lab File: VD060371.D
Acq: 14 Nov 2018 11:08

Tgt Ion: 65 Resp: 581874
Ion Ratio Lower Upper
65 100
67 52.7 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: 50.000 ug/l

RT: 7.42 min Scan# 599

Delta R.T. -0.04 min

Lab File: VD060371.D

Acq: 14 Nov 2018 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD1114SBL01

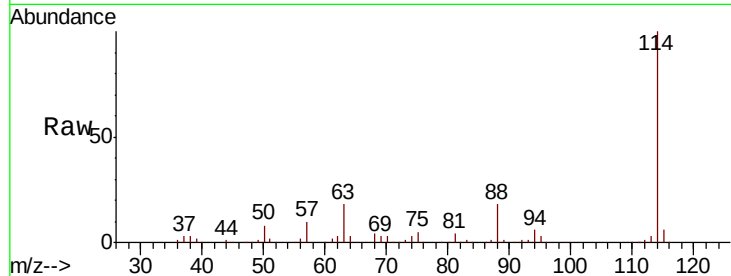
Tot Ion:114 Resp: 2143695

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.0

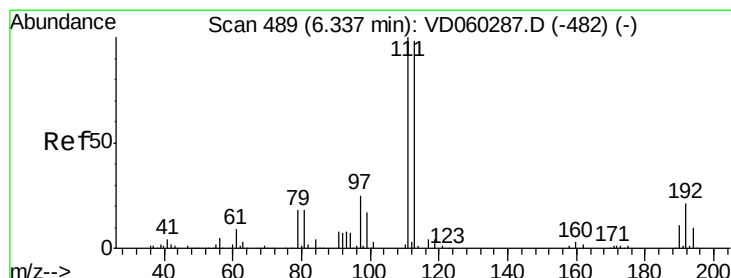
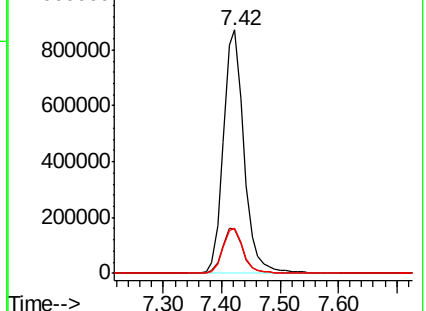
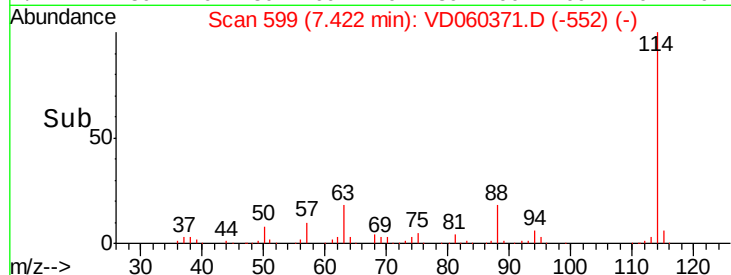
88 18.4 0.0 35.4



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: 6.30 min Scan# 485

Delta R.T. -0.04 min

Lab File: VD060371.D

Acq: 14 Nov 2018 11:08

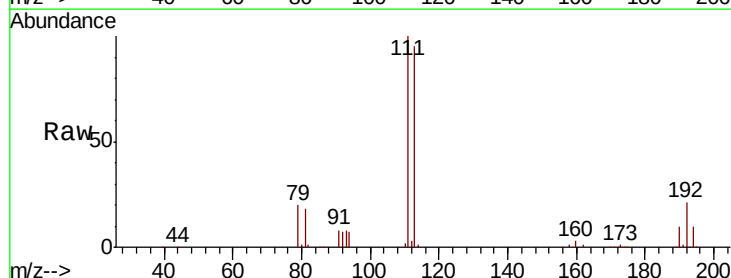
Tgt Ion:113 Resp: 824935

Ion Ratio Lower Upper

113 100

111 105.1 81.6 122.4

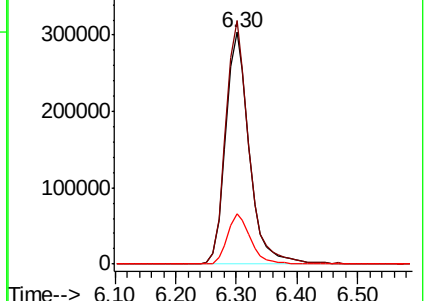
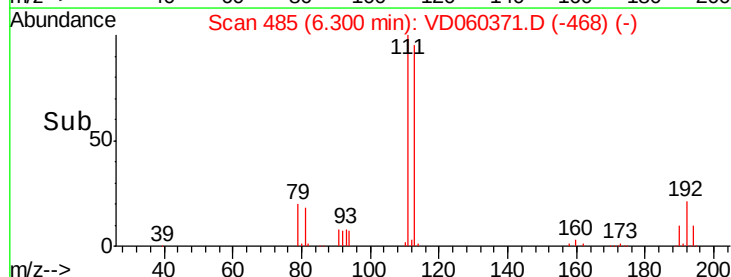
192 21.7 16.5 24.7

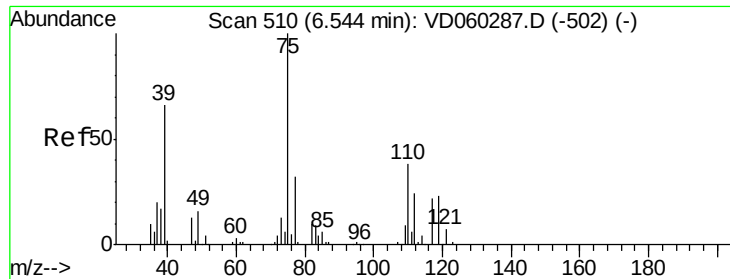


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

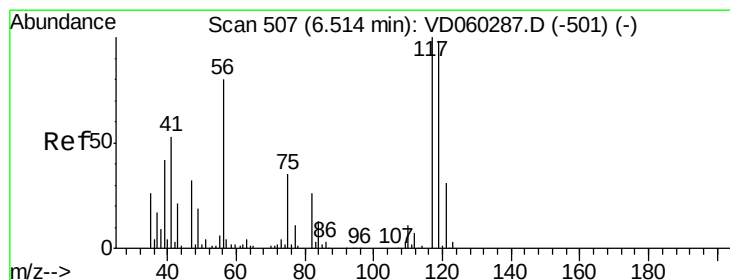
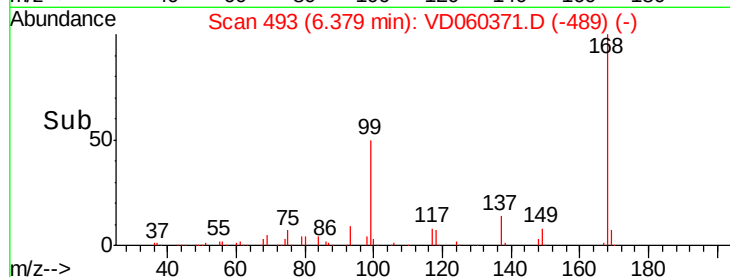
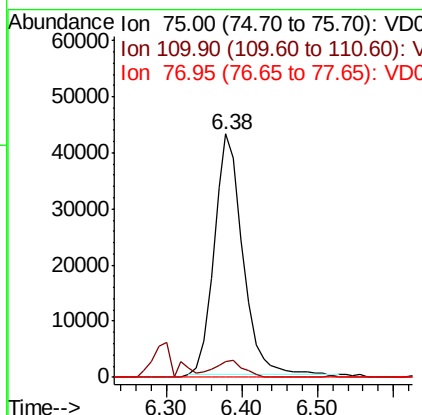
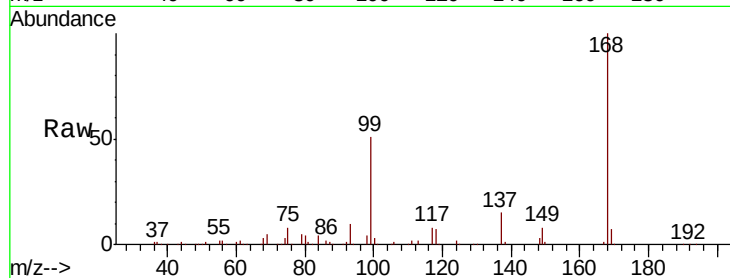




#36
 1,1-Dichloropropene
 Concen: 5.306 ug/l
 RT: 6.38 min Scan# 493
 Delta R.T. -0.16 min
 Lab File: VD060371.D
 Acq: 14 Nov 2018 11:08

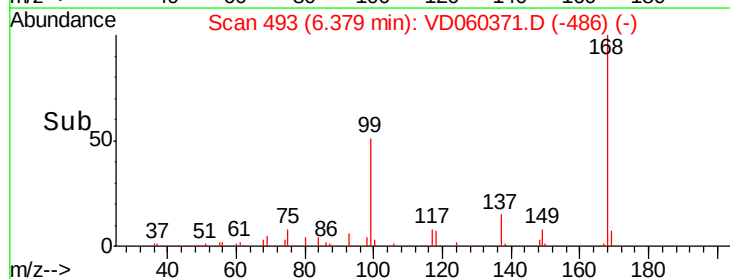
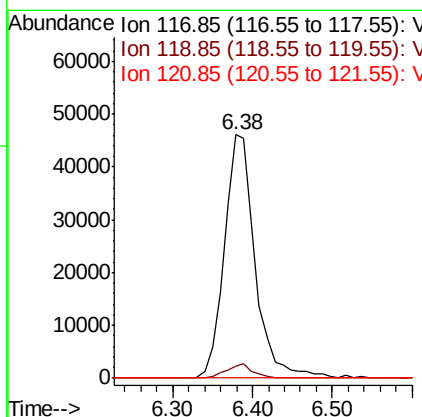
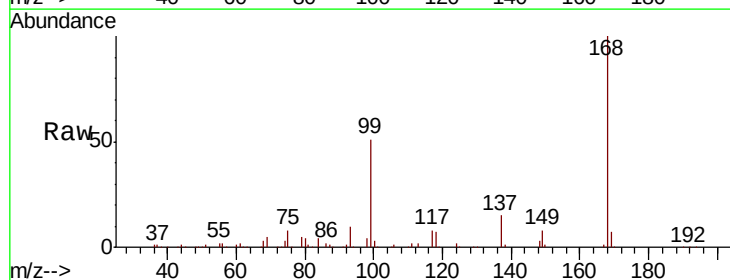
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1114SBL01

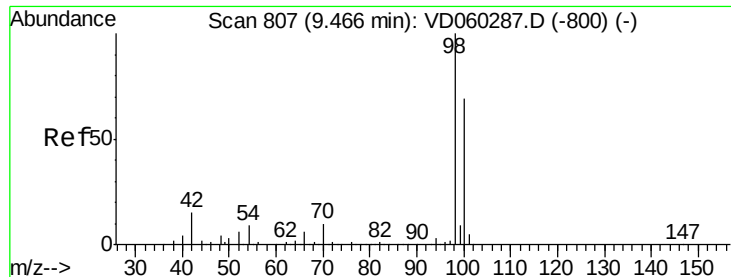
Tot Ion	75	Resp	112371
Ion Ratio	Lower	Upper	
75	100		
110	6.6	18.0	54.0#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.318 ug/l
 RT: 6.38 min Scan# 493
 Delta R.T. -0.13 min
 Lab File: VD060371.D
 Acq: 14 Nov 2018 11:08

Tgt Ion	117	Resp	124126
Ion Ratio	Lower	Upper	
117	100		
119	5.0	76.6	115.0#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.43 min Scan# 803

Delta R.T. -0.04 min

Lab File: VD060371.D

Acq: 14 Nov 2018 11:08

Instrument :

MSVOA_D

ClientSampleId :

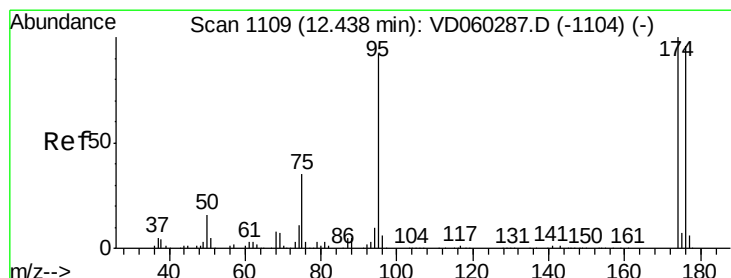
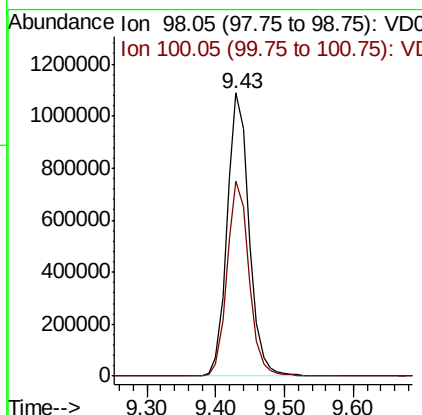
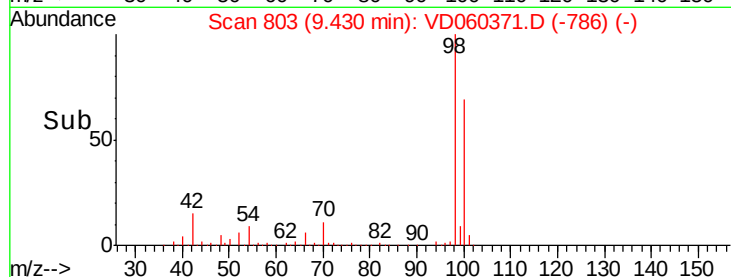
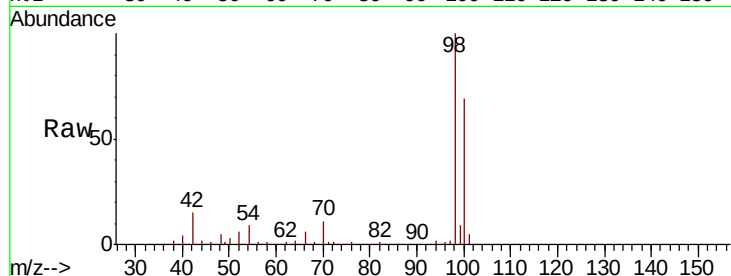
VD1114SBL01

Tot Ion: 98 Resp: 2393018

Ion Ratio Lower Upper

98 100

100 68.7 55.2 82.8



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.41 min Scan# 1106

Delta R.T. -0.03 min

Lab File: VD060371.D

Acq: 14 Nov 2018 11:08

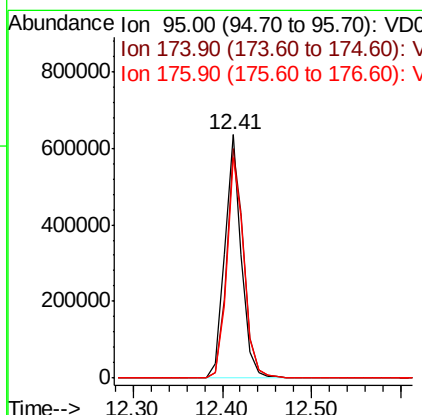
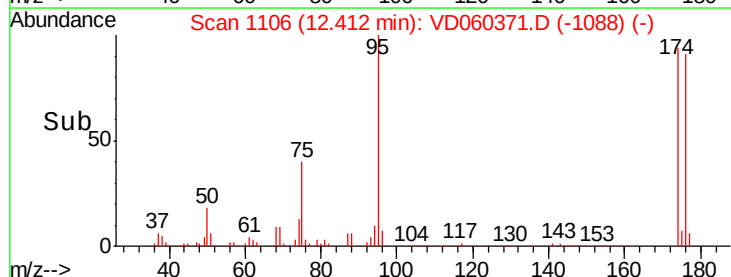
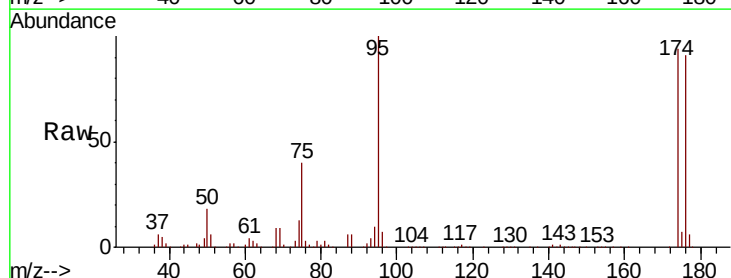
Tgt Ion: 95 Resp: 836446

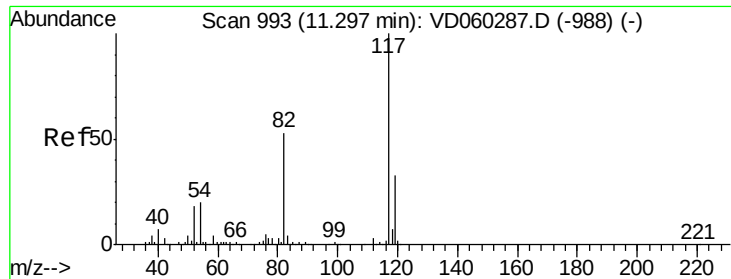
Ion Ratio Lower Upper

95 100

174 94.5 0.0 160.8

176 90.8 0.0 154.6

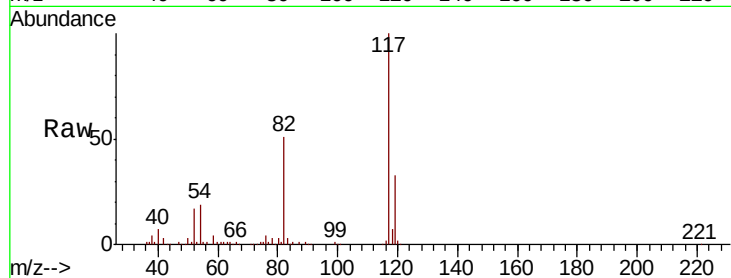




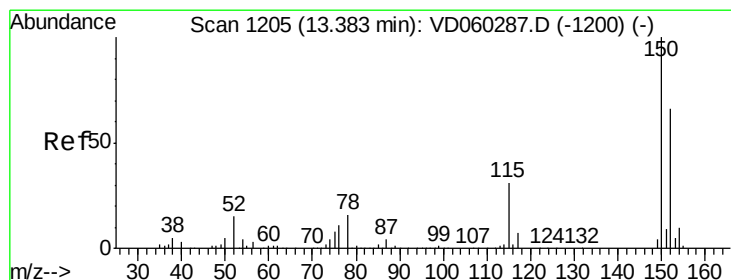
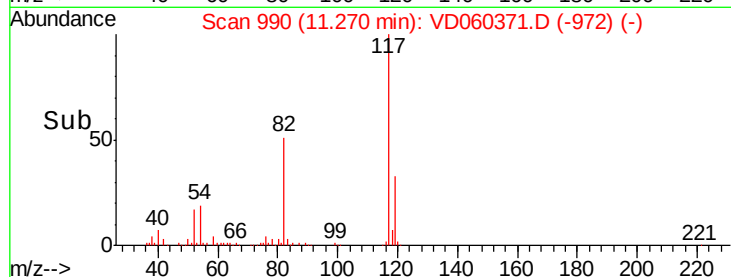
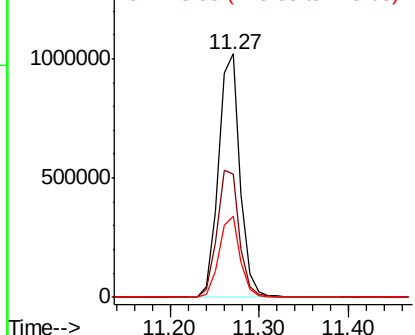
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.03 min
Lab File: VD060371.D
Acq: 14 Nov 2018 11:08

Instrument :
MSVOA_D
ClientSampleId :
VD1114SBL01

Tot Ion:117 Resp: 1733498
Ion Ratio Lower Upper
117 100
82 50.8 43.7 65.5
119 33.2 26.1 39.1

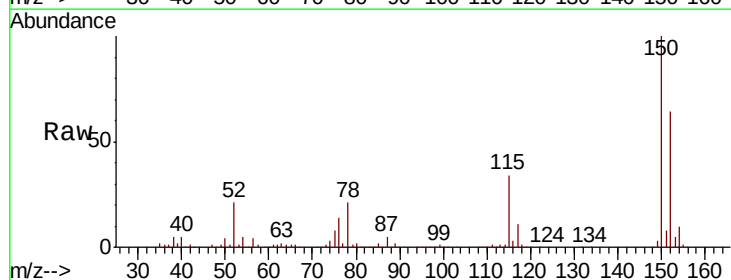


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

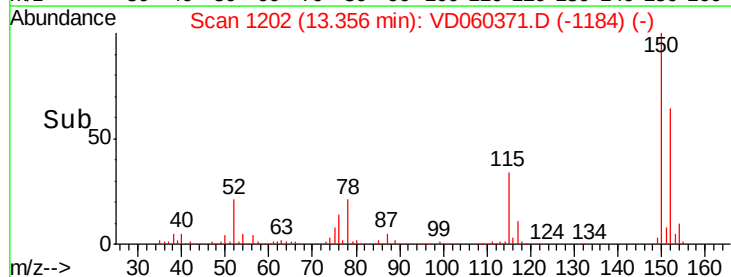
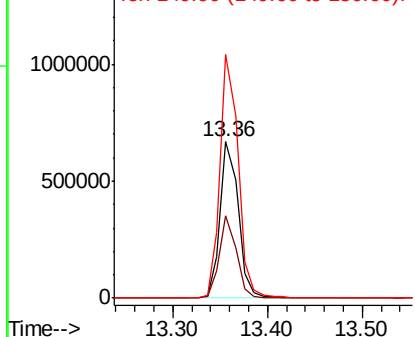


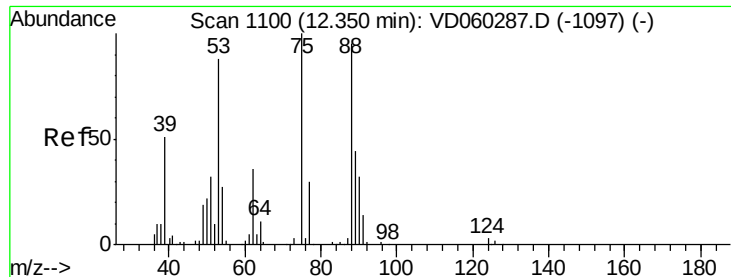
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1202
Delta R.T. -0.03 min
Lab File: VD060371.D
Acq: 14 Nov 2018 11:08

Tgt Ion:152 Resp: 890456
Ion Ratio Lower Upper
152 100
115 52.7 24.1 72.3
150 155.6 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: 114.077 ug/l

RT: 12.41 min Scan# 1106

Delta R.T. 0.06 min

Lab File: VD060371.D

Acq: 14 Nov 2018 11:08

Instrument :

MSVOA_D

ClientSampleId :

VD1114SBL01

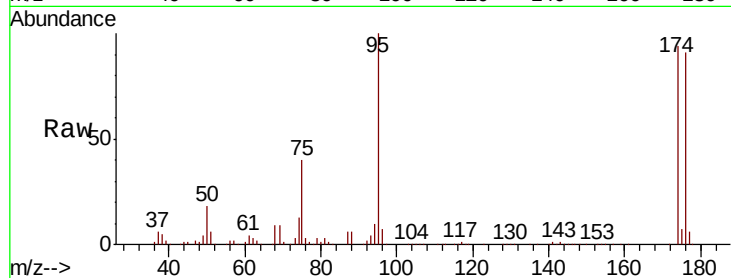
Tot Ion: 75 Resp: 345949

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

