

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111318\
 Data File : VD060357.D
 Acq On : 13 Nov 2018 13:37
 Operator : JC/SY
 Sample : J5901-01
 Misc : 4.13g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 14 11:11:00 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	6.42	168	1488501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	2086192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1473812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	542859	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	499535	46.87	ug/l	0.00
Spiked Amount			Recovery	=	93.74%	
35) Dibromofluoromethane	6.34	113	701029	45.06	ug/l	0.00
Spiked Amount			Recovery	=	90.12%	
50) Toluene-d8	9.47	98	1751768	38.48	ug/l	0.00
Spiked Amount			Recovery	=	76.96%	
62) 4-Bromofluorobenzene	12.43	95	534822	32.42	ug/l	0.00
Spiked Amount			Recovery	=	64.84%	

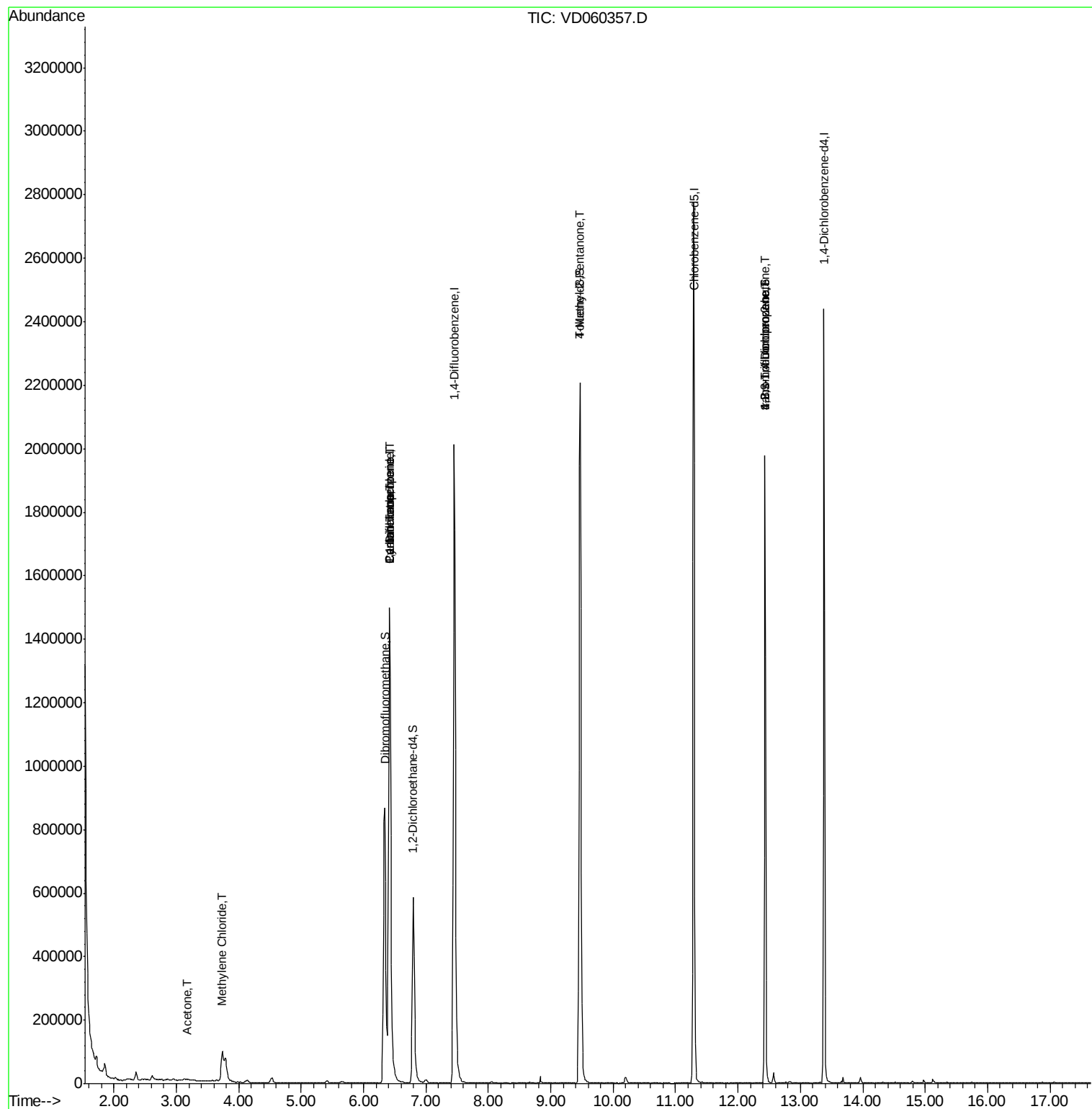
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	449	Below Cal	#	41
16) Acetone	3.17	43	8272	4.474	ug/l #	55
20) Methylene Chloride	3.73	84	58775	3.584	ug/l	99
31) Cyclohexane	6.42	56	32457	1.275	ug/l #	1
36) 1,1-Dichloropropene	6.42	75	107153	5.199	ug/l #	46
38) Carbon Tetrachloride	6.42	117	117310	6.136	ug/l #	15
51) 4-Methyl-2-Pentanone	9.47	43	10896	1.405	ug/l #	1
76) 1,2,3-Trichloropropane	12.43	75	172837	26.615	ug/l #	44
81) trans-1,4-Dichloro-2-buten	12.43	75	221200	119.646	ug/l #	15
89) n-Butylbenzene	13.65	91	1115	Below Cal	#	85

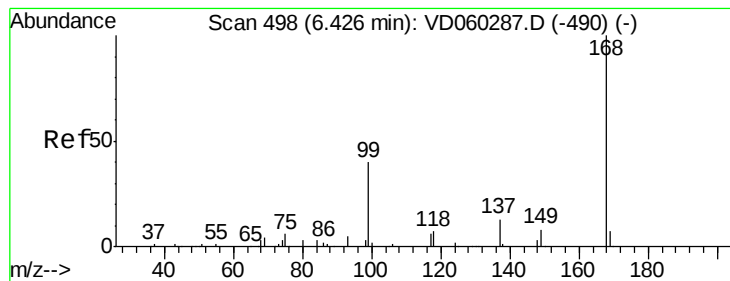
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111318\
Data File : VD060357.D
Acq On : 13 Nov 2018 13:37
Operator : JC/SY
Sample : J5901-01
Misc : 4.13g/5ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Nov 14 11:11:00 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: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060357.D

Acq: 13 Nov 2018 13:37

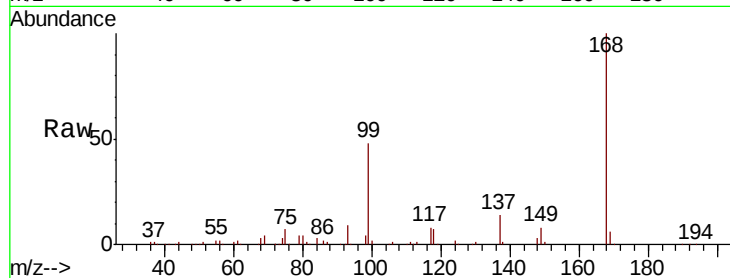
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 1488501

Ion Ratio Lower Upper

168 100

99 48.5 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

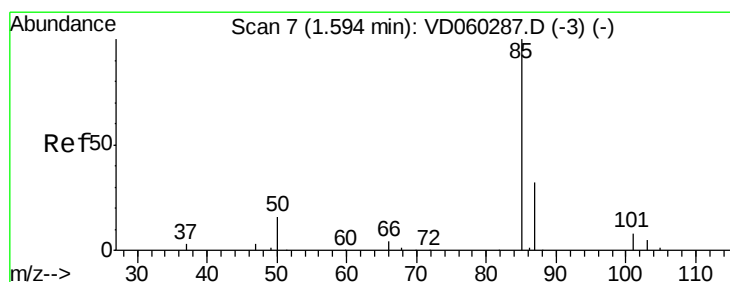
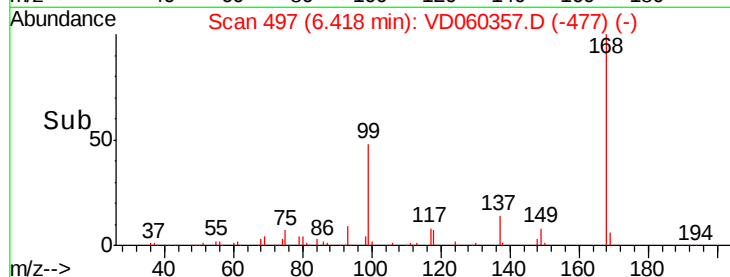
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.60 min Scan# 7

Delta R.T. 0.00 min

Lab File: VD060357.D

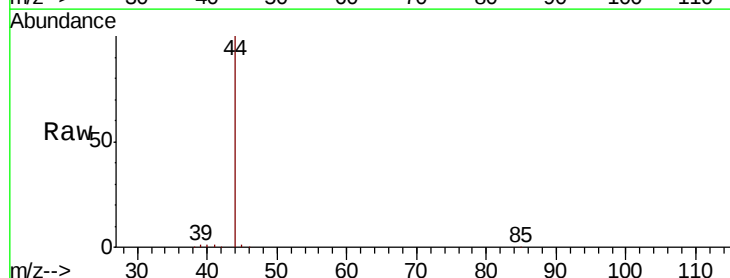
Acq: 13 Nov 2018 13:37

Tgt Ion: 85 Resp: 449

Ion Ratio Lower Upper

85 100

87 0.0 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

400

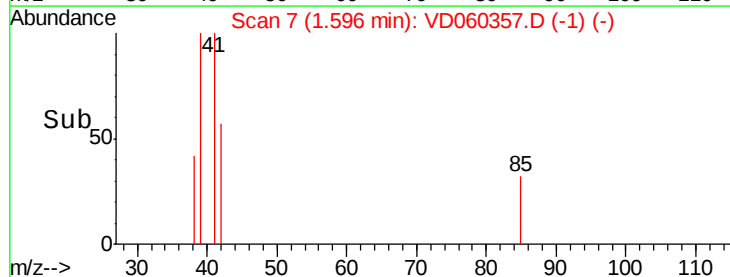
300

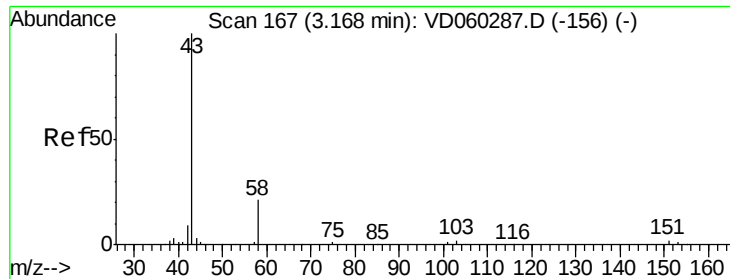
200

100

0

Time-->





#16

Acetone

Concen: 4.474 ug/l

RT: 3.17 min Scan# 167

Delta R.T. 0.00 min

Lab File: VD060357.D

Acq: 13 Nov 2018 13:37

Instrument :

MSVOA_D

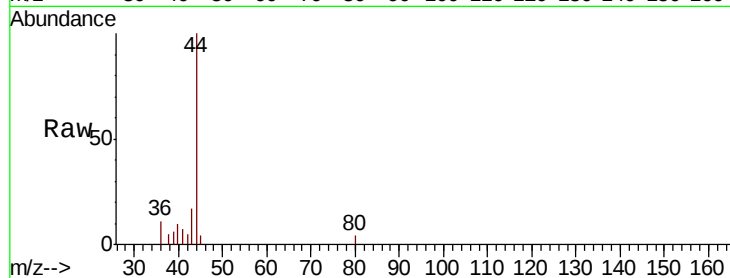
ClientSampleId :

Tot Ion: 43 Resp: 8272

Ion Ratio Lower Upper

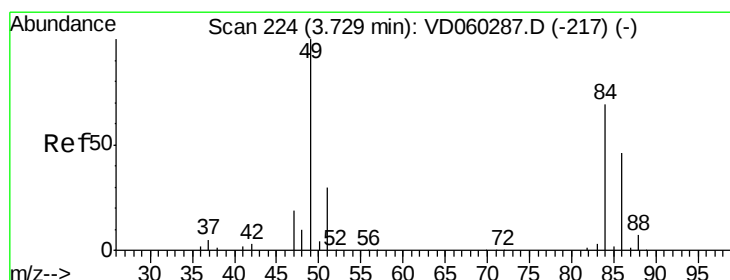
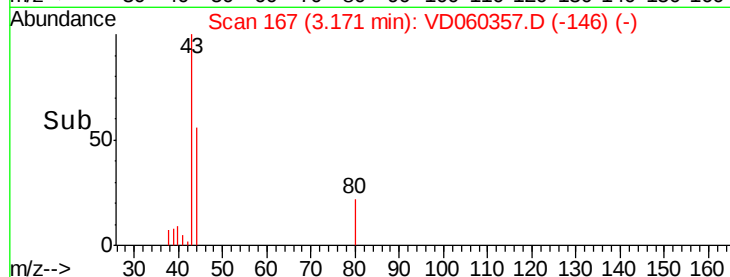
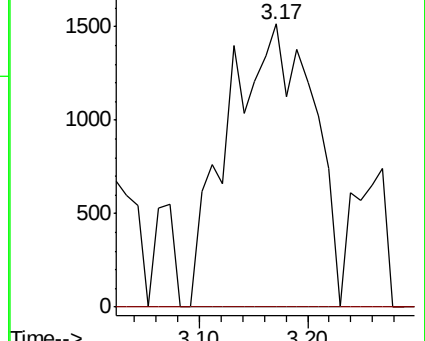
43 100

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: 3.584 ug/l

RT: 3.73 min Scan# 224

Delta R.T. 0.00 min

Lab File: VD060357.D

Acq: 13 Nov 2018 13:37

Tgt Ion: 84 Resp: 58775

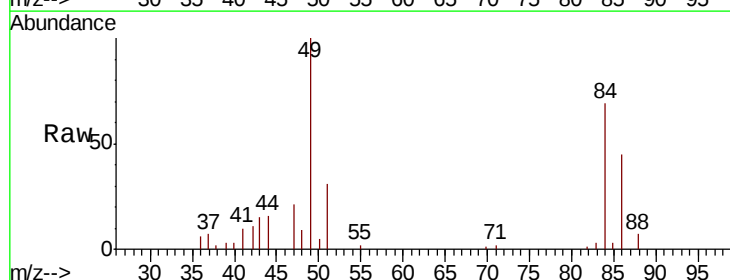
Ion Ratio Lower Upper

84 100

49 145.4 115.6 173.4

51 44.8 35.6 53.4

86 65.7 52.3 78.5

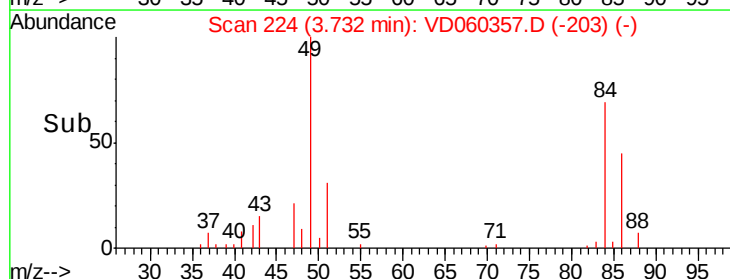
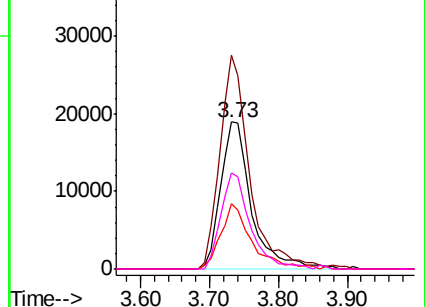


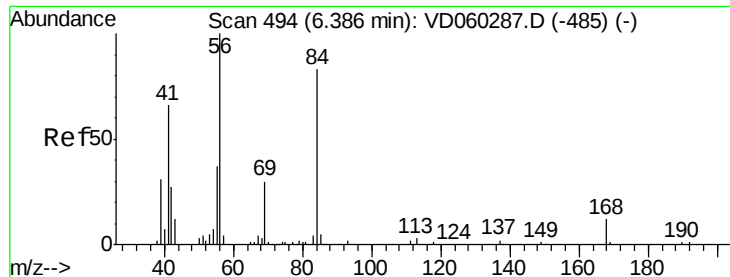
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

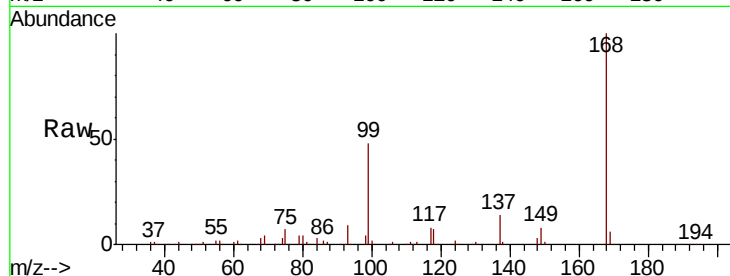




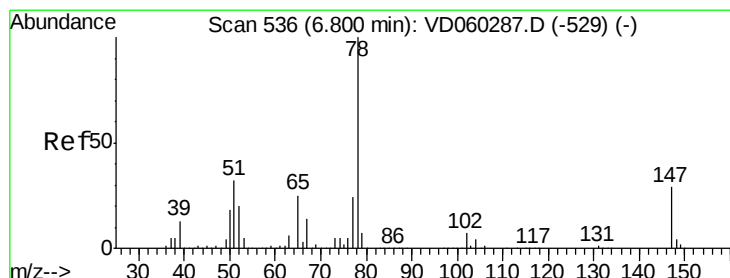
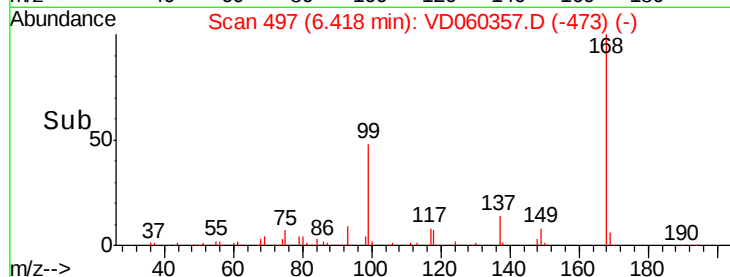
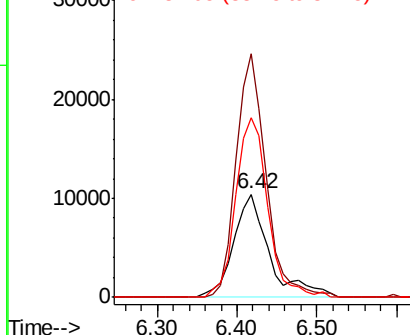
#31
Cyclohexane
Concen: 1.275 ug/l
RT: 6.42 min Scan# 497
Delta R.T. 0.03 min
Lab File: VD060357.D
Acq: 13 Nov 2018 13:37

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion	56	69	84	Resp	32457	Lower	Upper
Ion	100	235.8	174.2				
						22.2	33.2#
						63.0	94.4#

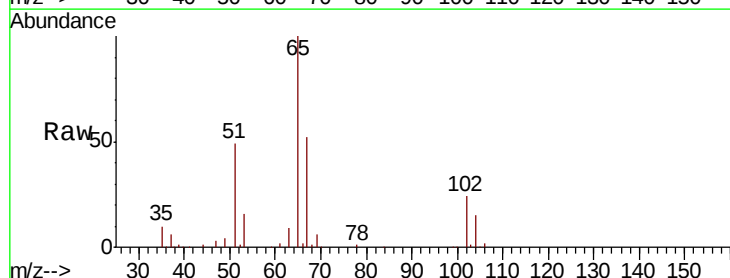


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

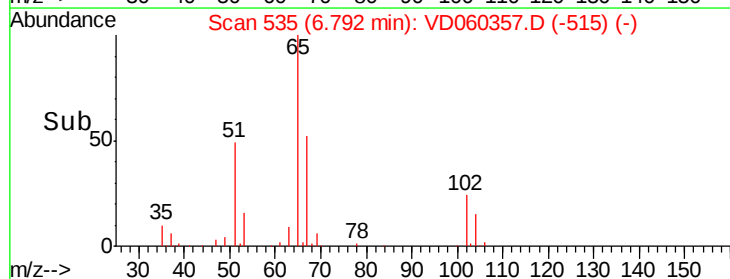
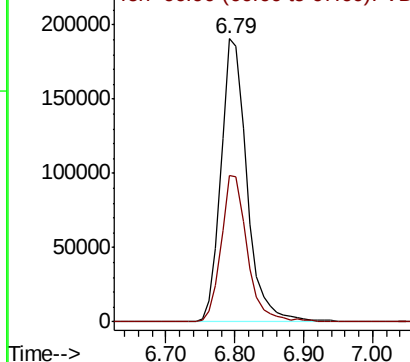


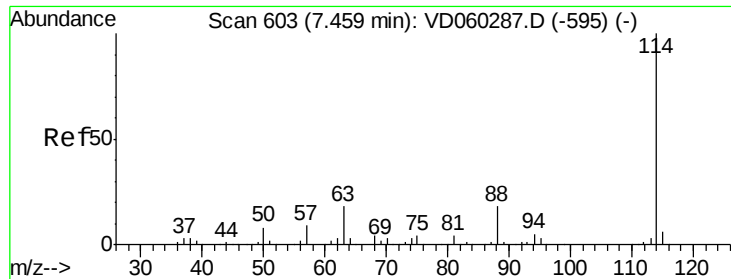
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.79 min Scan# 535
Delta R.T. -0.01 min
Lab File: VD060357.D
Acq: 13 Nov 2018 13:37

Tgt Ion	65	67	Resp	499535	Lower	Upper
Ion	100	51.7				
					0.0	109.8



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

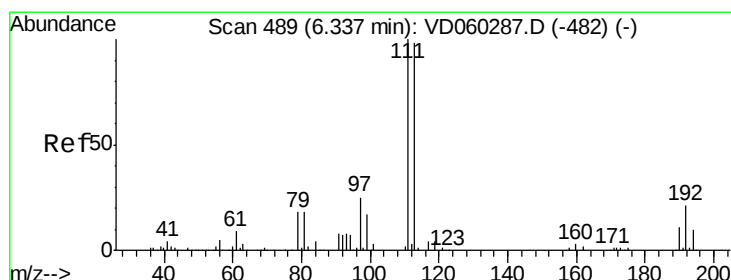
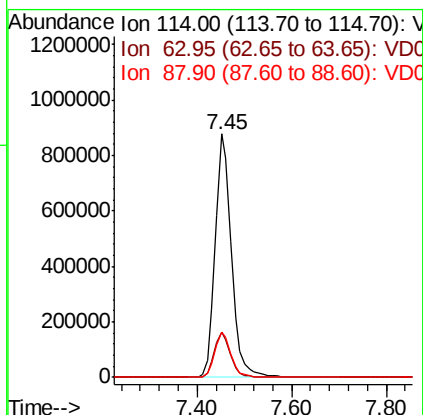
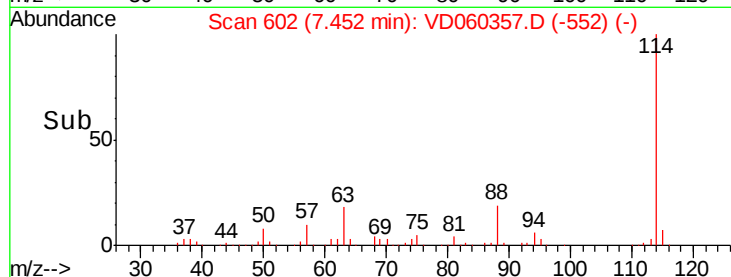
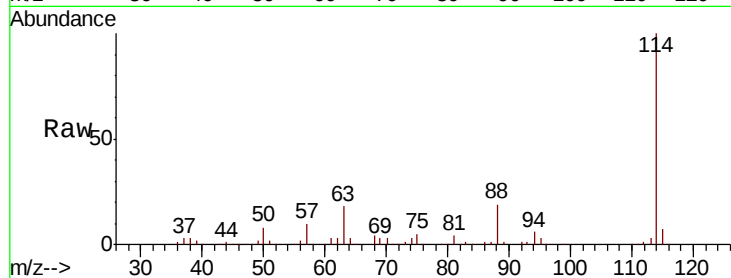




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.45 min Scan# 602
Delta R.T. -0.01 min
Lab File: VD060357.D
Acq: 13 Nov 2018 13:37

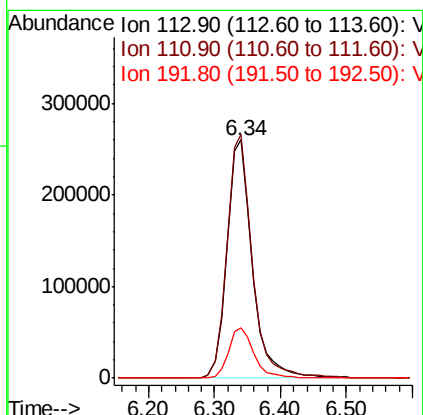
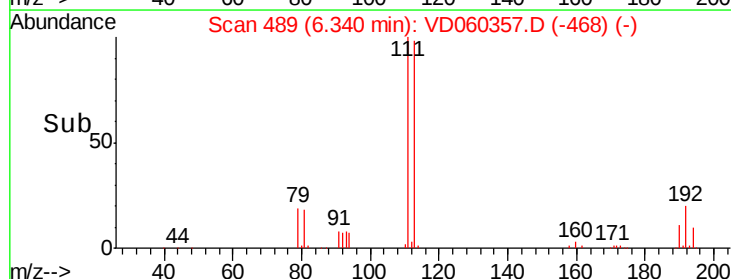
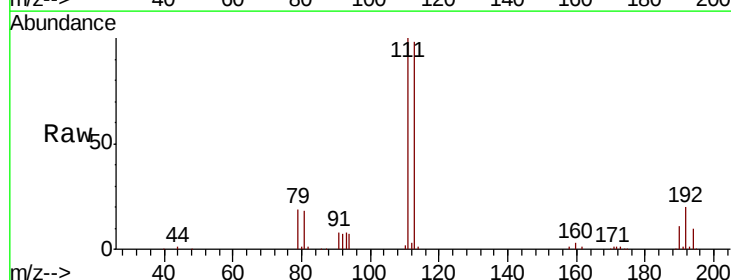
Instrument :
MSVOA_D
ClientSampled :

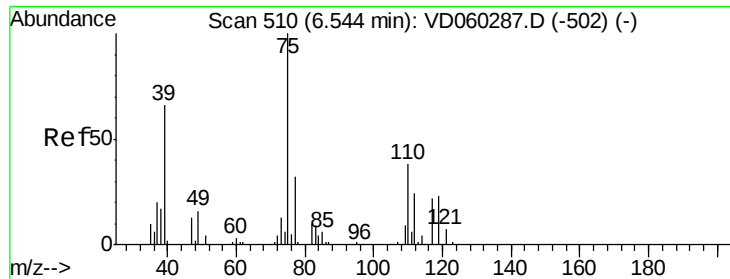
Tot Ion:114 Resp: 2086192
Ion Ratio Lower Upper
114 100
63 18.5 0.0 34.0
88 18.7 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.34 min Scan# 489
Delta R.T. 0.00 min
Lab File: VD060357.D
Acq: 13 Nov 2018 13:37

Tgt Ion:113 Resp: 701029
Ion Ratio Lower Upper
113 100
111 102.2 81.6 122.4
192 20.9 16.5 24.7





#36

1,1-Dichloropropene

Concen: 5.199 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.13 min

Lab File: VD060357.D

Acq: 13 Nov 2018 13:37

Instrument :

MSVOA_D

ClientSampleId :

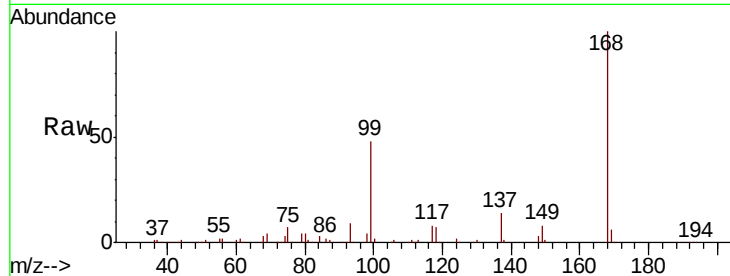
Tot Ion: 75 Resp: 107153

Ion Ratio Lower Upper

75 100

110 6.1 18.0 54.0#

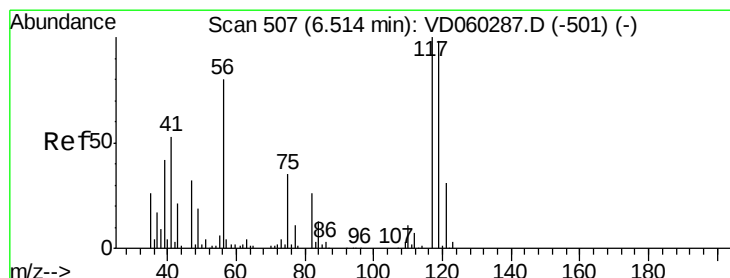
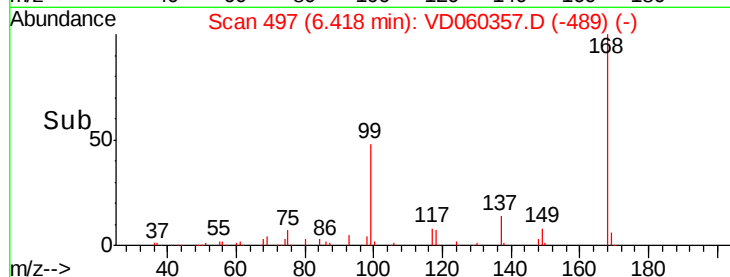
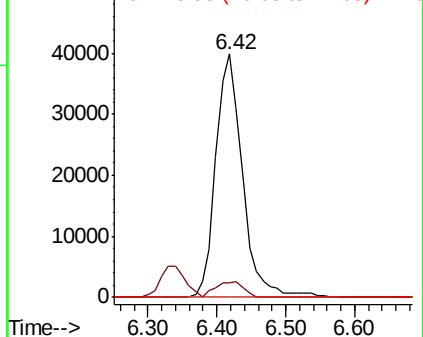
77 0.0 25.6 38.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.95 (76.65 to 77.65): V



#38

Carbon Tetrachloride

Concen: 6.136 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.10 min

Lab File: VD060357.D

Acq: 13 Nov 2018 13:37

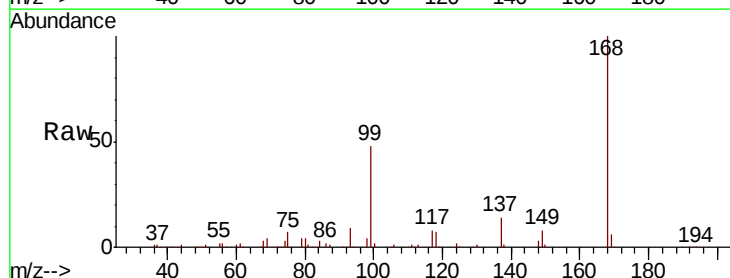
Tgt Ion: 117 Resp: 117310

Ion Ratio Lower Upper

117 100

119 4.1 76.6 115.0#

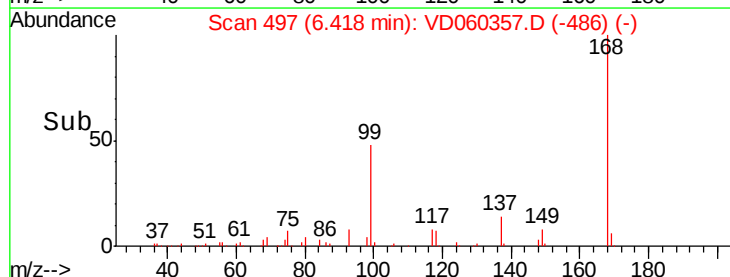
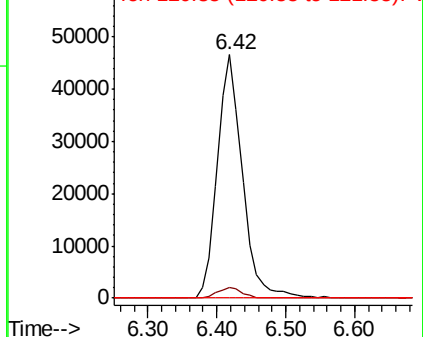
121 0.0 24.3 36.5#

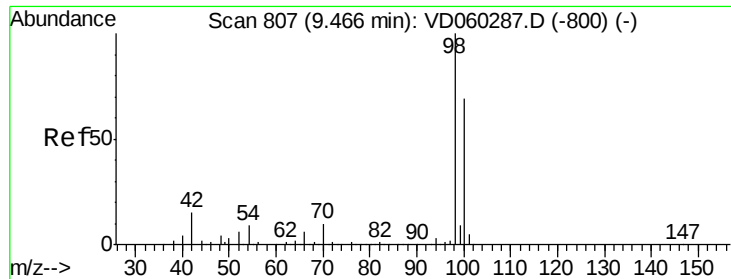


Abundance Ion 116.85 (116.55 to 117.55): V

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. 0.00 min

Lab File: VD060357.D

Acq: 13 Nov 2018 13:37

Instrument :

MSVOA_D

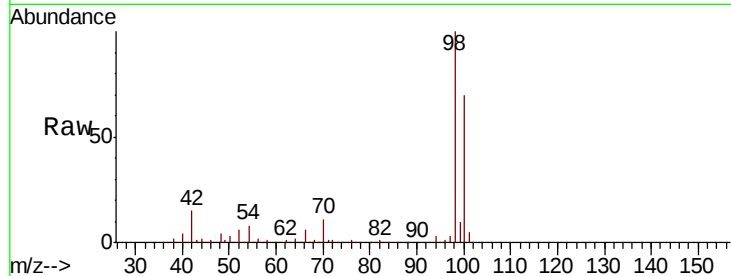
ClientSampleId :

Tot Ion: 98 Resp: 1751768

Ion Ratio Lower Upper

98 100

100 69.7 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

9.47

800000

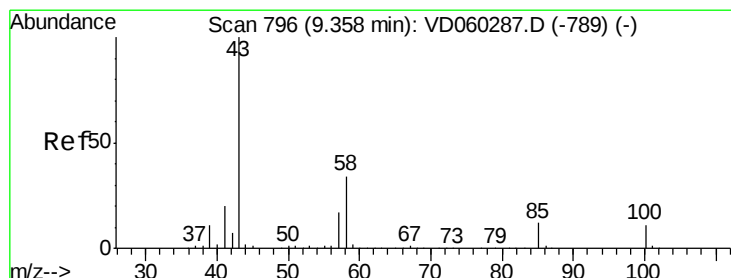
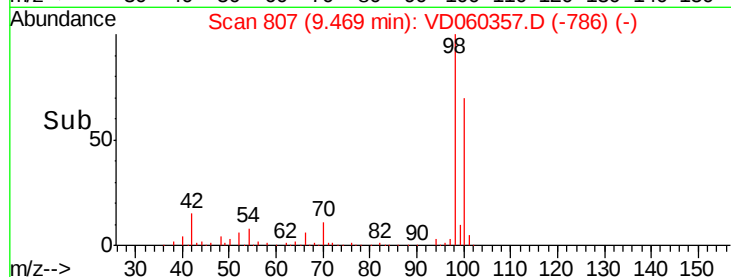
600000

400000

200000

0

Time--> 9.30 9.40 9.50 9.60



#51

4-Methyl-2-Pentanone

Concen: 1.405 ug/l

RT: 9.47 min Scan# 807

Delta R.T. 0.11 min

Lab File: VD060357.D

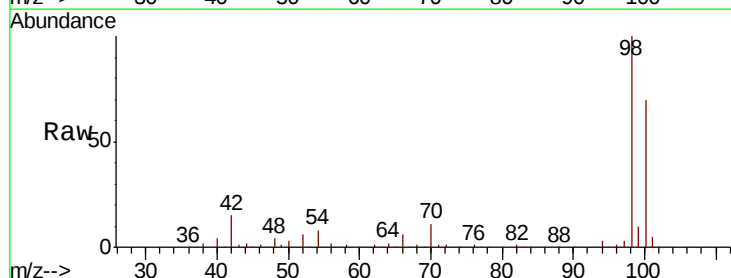
Acq: 13 Nov 2018 13:37

Tgt Ion: 43 Resp: 10896

Ion Ratio Lower Upper

43 100

58 124.2 26.1 39.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

9.47

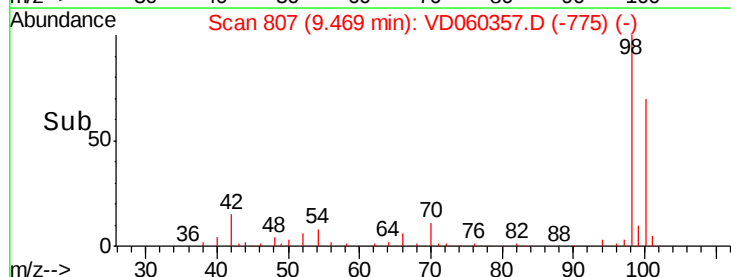
6000

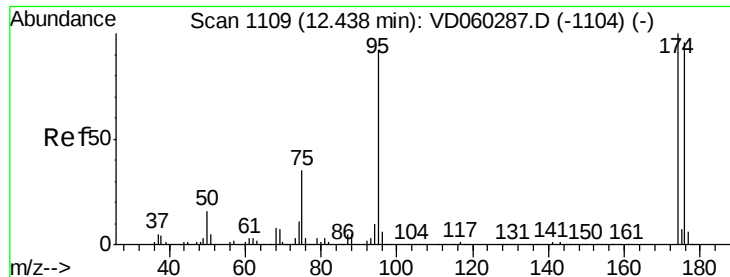
4000

2000

0

Time--> 9.40 9.45 9.50

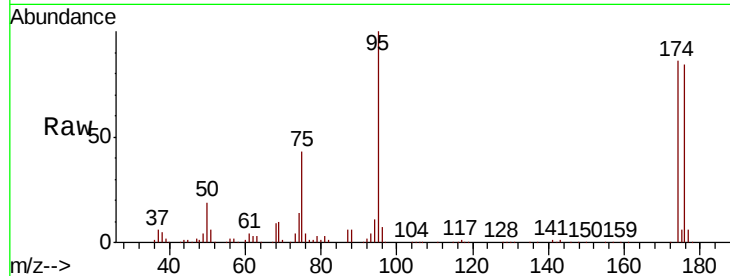




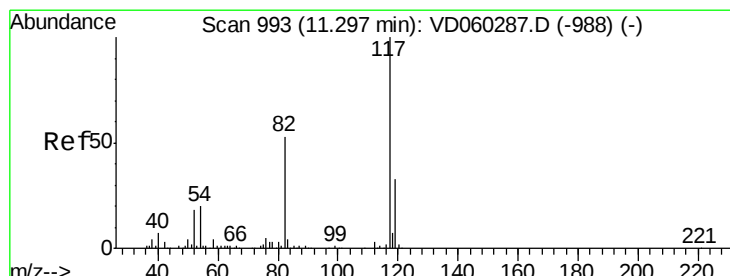
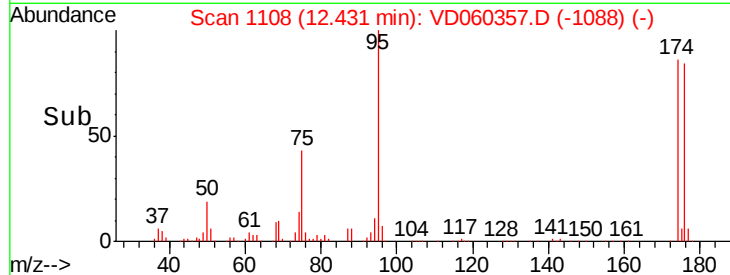
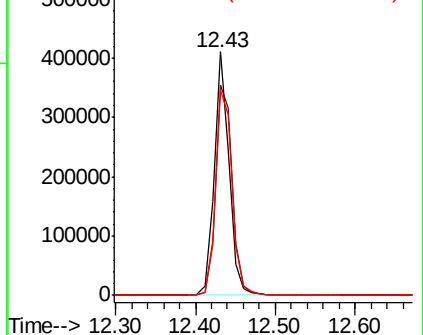
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.01 min
Lab File: VD060357.D
Acq: 13 Nov 2018 13:37

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 95 Resp: 534822
Ion Ratio Lower Upper
95 100
174 86.3 0.0 160.8
176 84.3 0.0 154.6

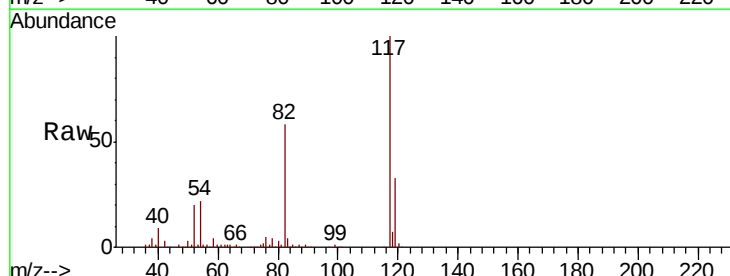


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

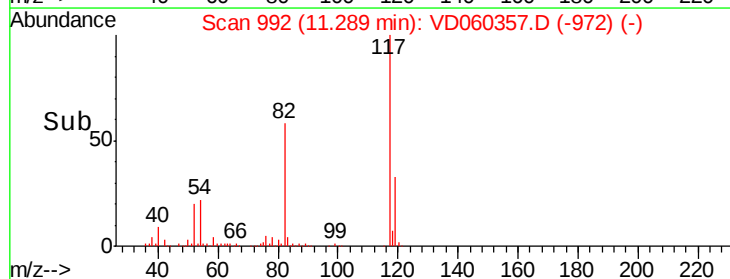
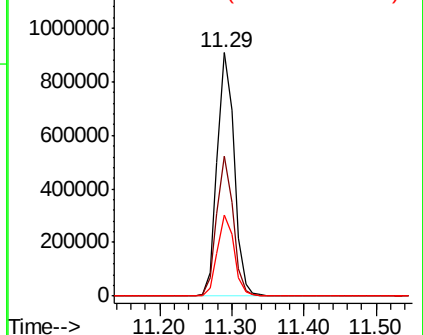


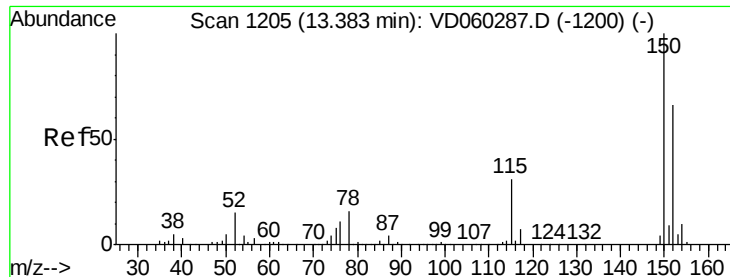
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060357.D
Acq: 13 Nov 2018 13:37

Tgt Ion: 117 Resp: 1473812
Ion Ratio Lower Upper
117 100
82 57.6 43.7 65.5
119 33.3 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



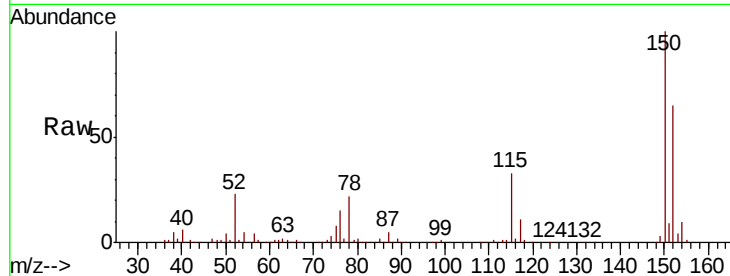


#72

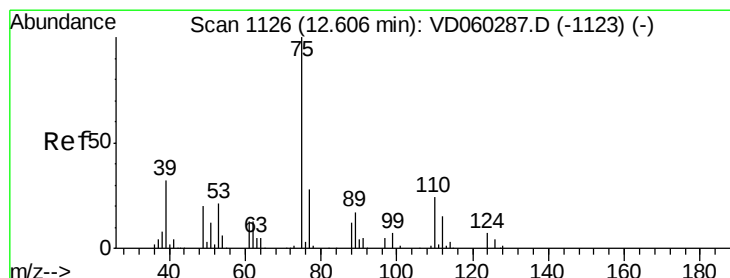
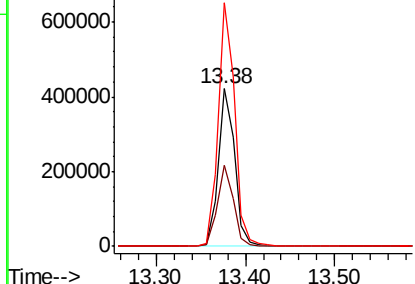
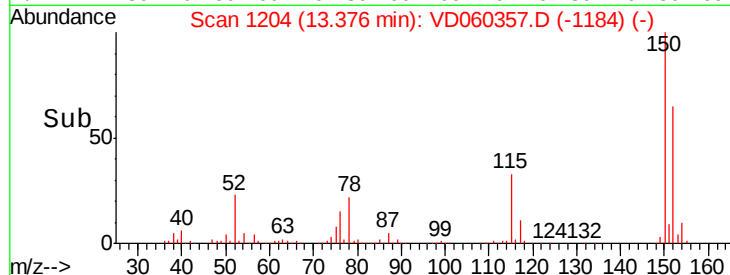
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060357.D
Acq: 13 Nov 2018 13:37

Instrument :
MSVOA_D
ClientSampled :

Tot Ion:152 Resp: 542859
Ion Ratio Lower Upper
152 100
115 51.2 24.1 72.3
150 154.8 0.0 310.6



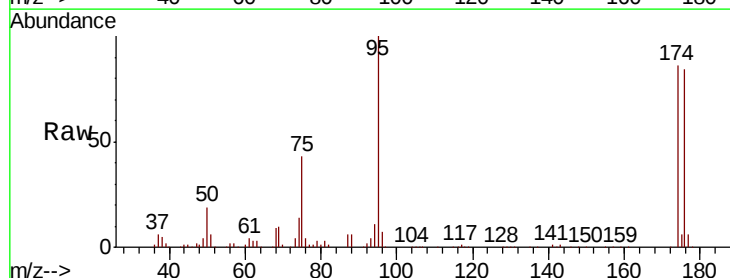
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



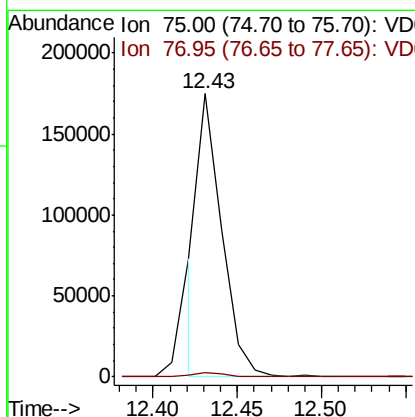
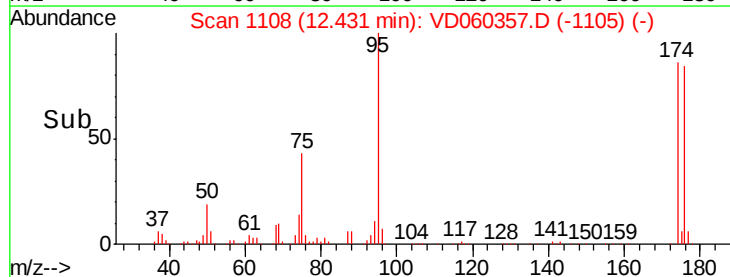
#76

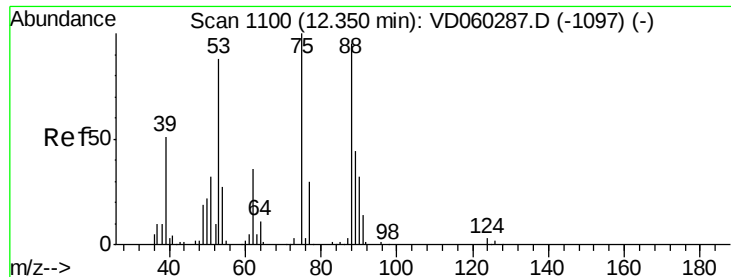
1,2,3-Trichloropropane
Concen: 26.615 ug/l
RT: 12.43 min Scan# 1108
Delta R.T. -0.17 min
Lab File: VD060357.D
Acq: 13 Nov 2018 13:37

Tgt Ion: 75 Resp: 172837
Ion Ratio Lower Upper
75 100
77 1.4 16.4 49.1#



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: 119.646 ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.08 min

Lab File: VD060357.D

Acq: 13 Nov 2018 13:37

Instrument :

MSVOA_D

ClientSampleId :

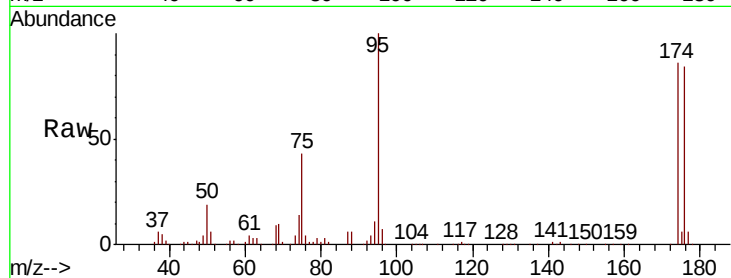
Tot Ion: 75 Resp: 221200

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

