

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013019\
 Data File : VD060800.D
 Acq On : 30 Jan 2019 12:27
 Operator : VA/AP
 Sample : VD0130SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBL01

Quant Time: Jan 31 04:52:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.82	168	603447	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.00	114	852537	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.17	117	686694	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.33	152	354291	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.24	65	457564	49.46	ug/l	0.02
Spiked Amount			Recovery	=	98.92%	
35) Dibromofluoromethane	6.70	113	386561	47.28	ug/l	0.03
Spiked Amount			Recovery	=	94.56%	
50) Toluene-d8	10.21	98	874944	45.82	ug/l	0.02
Spiked Amount			Recovery	=	91.64%	
62) 4-Bromofluorobenzene	13.36	95	430643	44.88	ug/l	0.00
Spiked Amount			Recovery	=	89.76%	

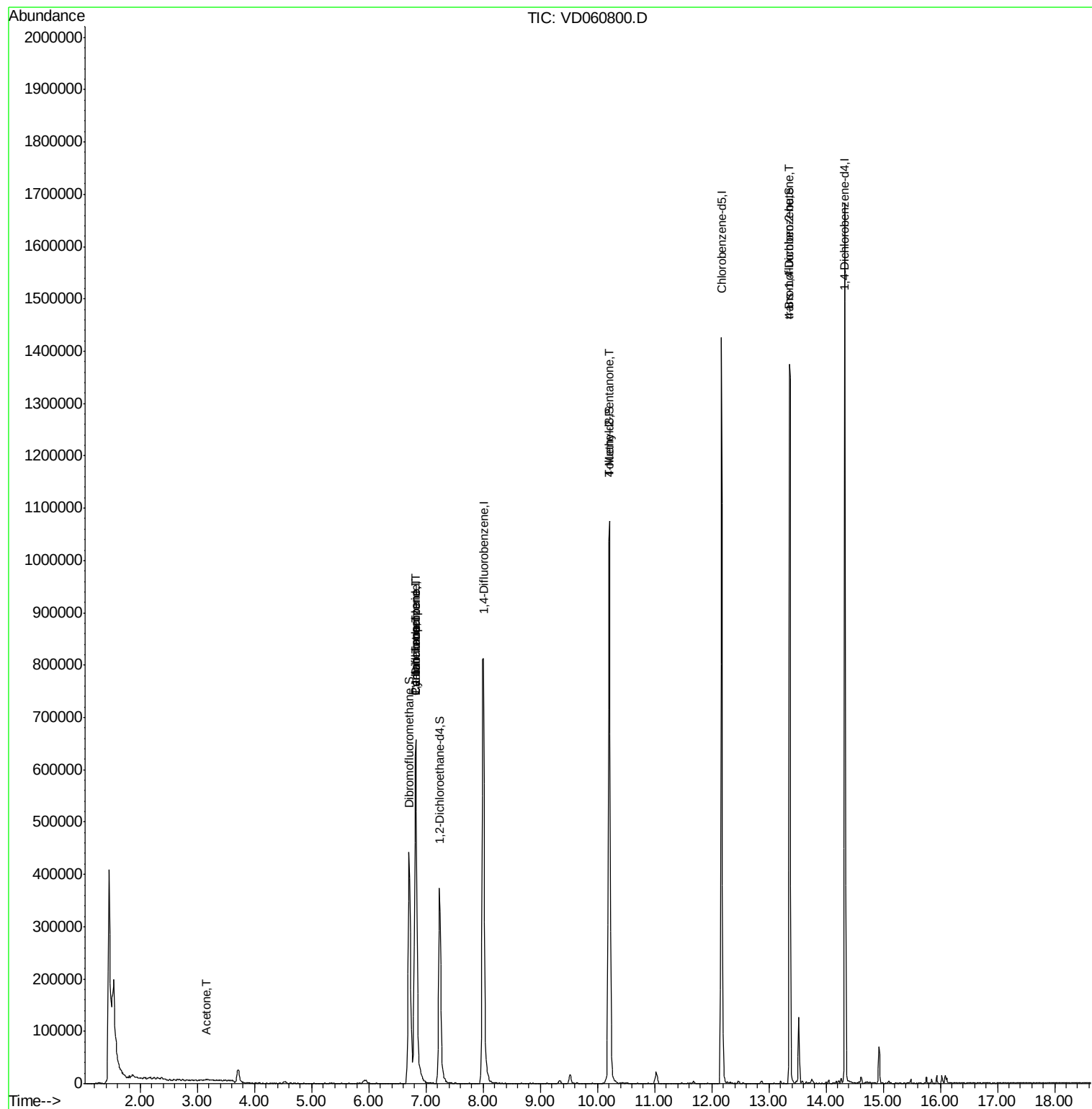
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.97	56	383	Below Cal	#	46
16) Acetone	3.15	43	3420	2.559	ug/l #	59
20) Methylene Chloride	3.71	84	17391	Below Cal	#	85
31) Cyclohexane	6.81	56	17860	2.104	ug/l #	1
36) 1,1-Dichloropropene	6.81	75	61494	6.041	ug/l #	53
38) Carbon Tetrachloride	6.82	117	67351	5.277	ug/l #	17
51) 4-Methyl-2-Pentanone	10.20	43	7308	1.904	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.36	75	222056	131.100	ug/l #	1

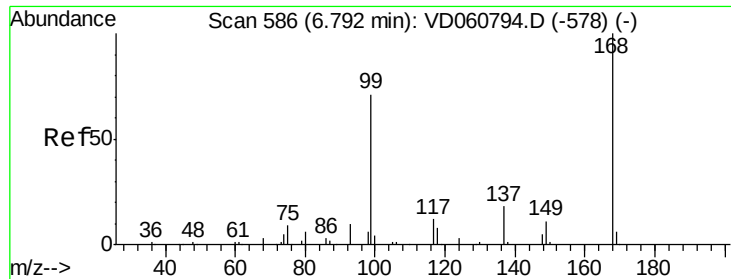
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD013019\
Data File : VD060800.D
Acq On : 30 Jan 2019 12:27
Operator : VA/AP
Sample : VD0130SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

Quant Time: Jan 31 04:52:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 29 13:53:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 589

Delta R.T. 0.03 min

Lab File: VD060800.D

Acq: 30 Jan 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

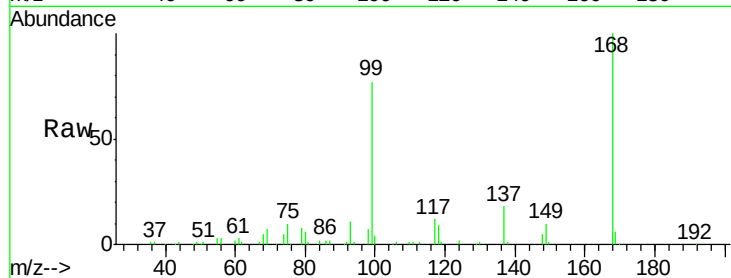
VD0130SBL01

Tot Ion:168 Resp: 603447

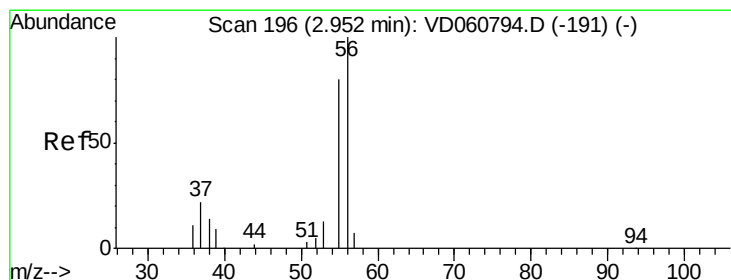
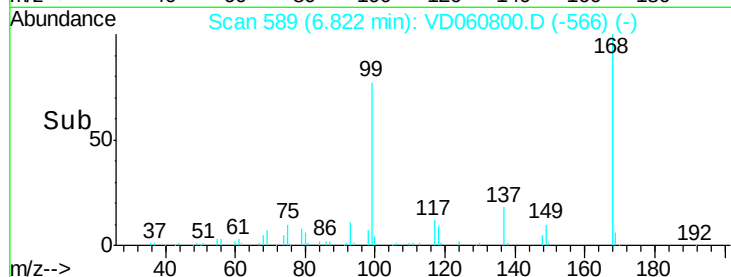
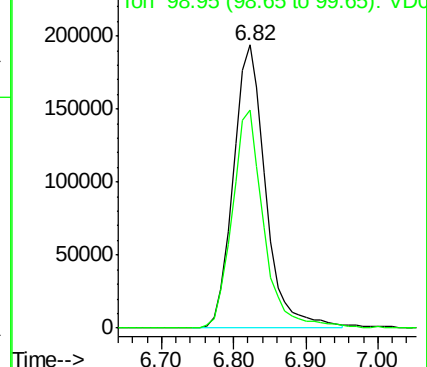
Ion Ratio Lower Upper

168 100

99 77.3 59.2 88.8



Abundance Ion 167.90 (167.60 to 168.60): V



#13

Acrolein

Concen: Below Cal

RT: 2.97 min Scan# 198

Delta R.T. 0.02 min

Lab File: VD060800.D

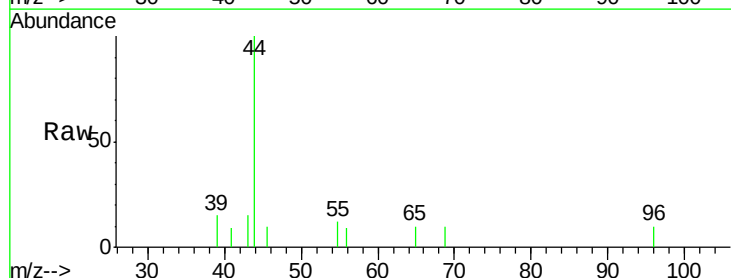
Acq: 30 Jan 2019 12:27

Tgt Ion: 56 Resp: 383

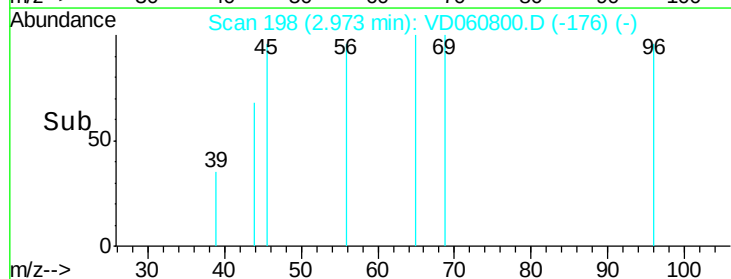
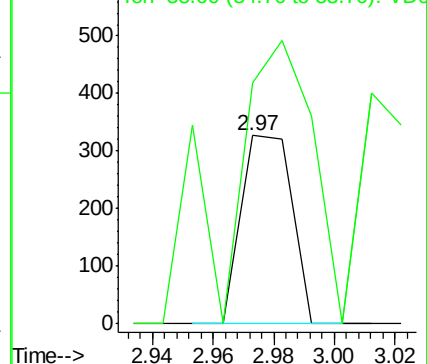
Ion Ratio Lower Upper

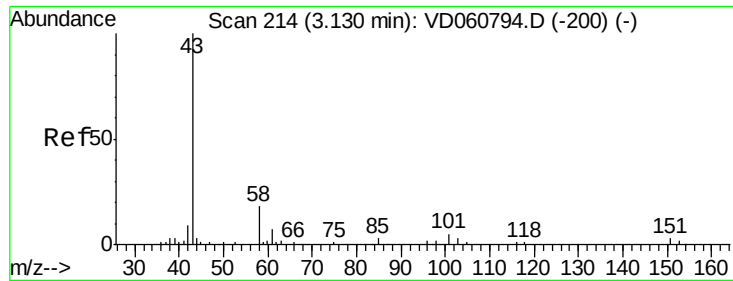
56 100

55 128.1 64.2 96.2#



Abundance Ion 55.95 (55.65 to 56.65): VDC





#16

Acetone

Concen: 2.559 ug/l

RT: 3.15 min Scan# 216

Delta R.T. 0.02 min

Lab File: VD060800.D

Acq: 30 Jan 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

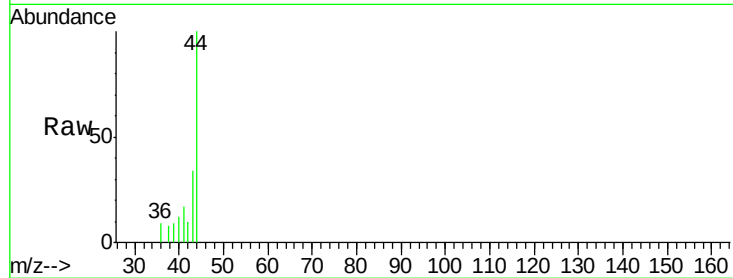
VD0130SBL01

Tot Ion: 43 Resp: 3420

Ion Ratio Lower Upper

43 100

58 0.0 14.5 21.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.15

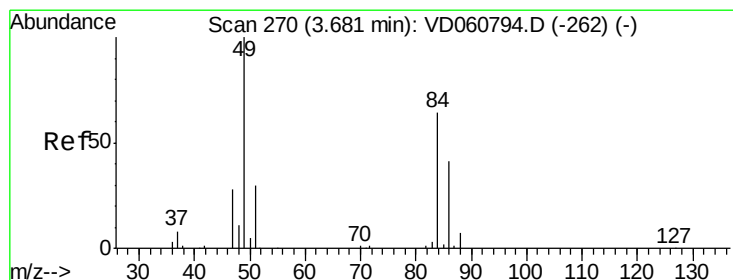
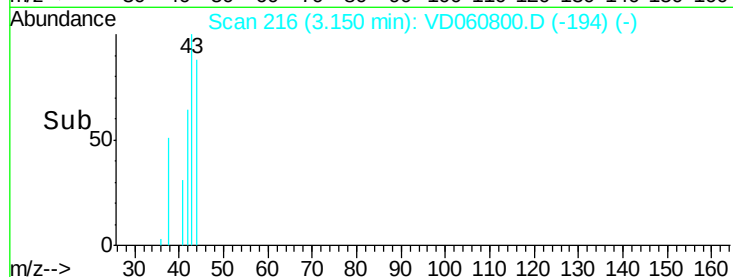
1500

1000

500

0

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 3.71 min Scan# 273

Delta R.T. 0.03 min

Lab File: VD060800.D

Acq: 30 Jan 2019 12:27

Tgt Ion: 84 Resp: 17391

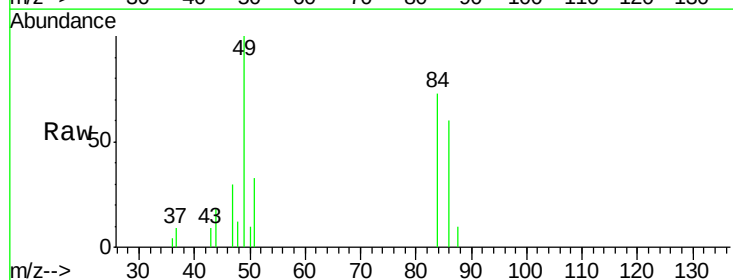
Ion Ratio Lower Upper

84 100

49 137.1 124.2 186.2

51 45.0 38.1 57.1

86 82.0 50.6 76.0#



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

10000

8000

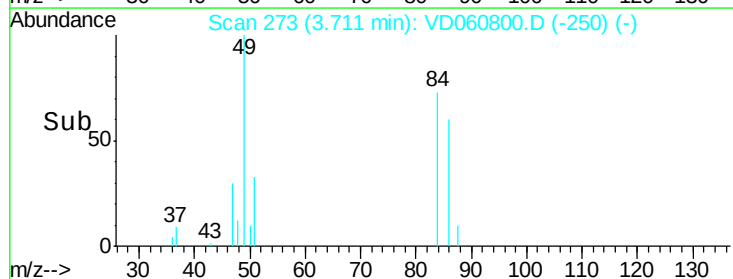
6000

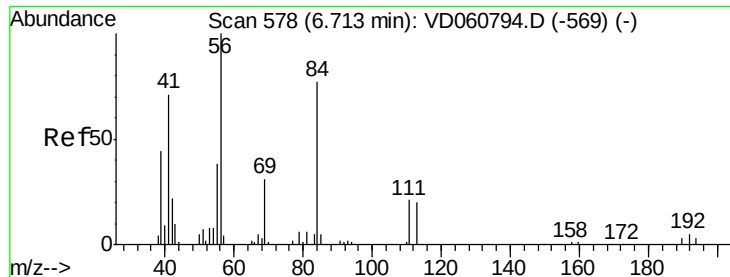
4000

2000

0

Time-->

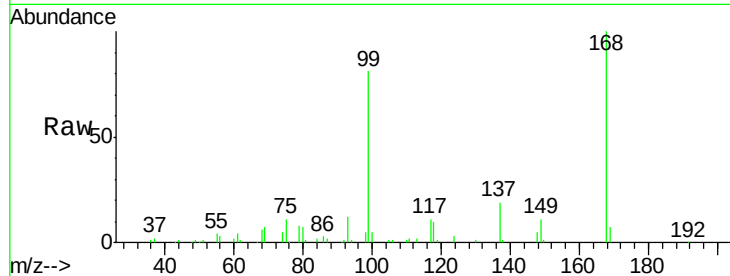




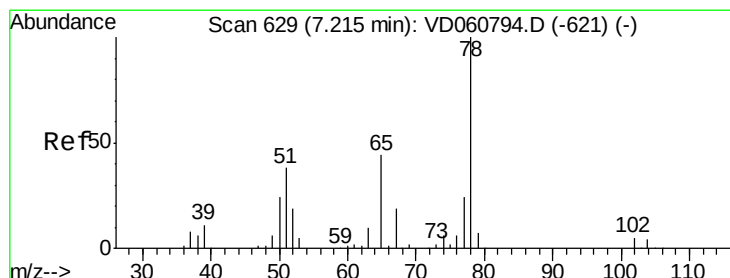
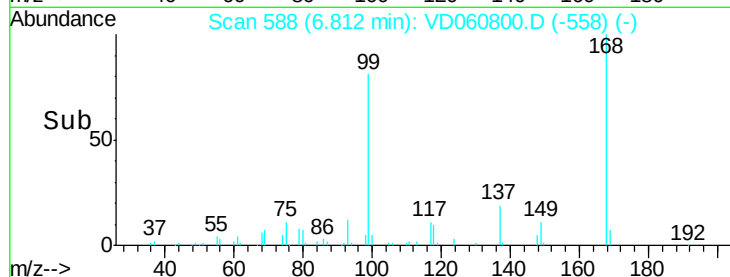
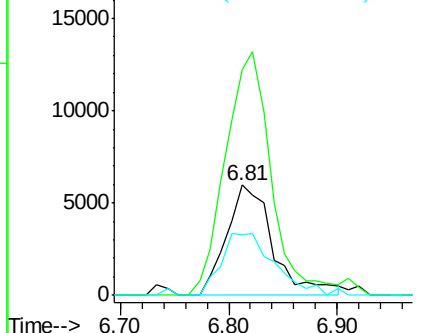
#31
Cyclohexane
Concen: 2.104 ug/l
RT: 6.81 min Scan# 588
Delta R.T. 0.10 min
Lab File: VD060800.D
Acq: 30 Jan 2019 12:27

Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

Tot Ion: 56 Resp: 17860
Ion Ratio Lower Upper
56 100
69 205.7 25.1 37.7#
84 55.2 63.9 95.9#

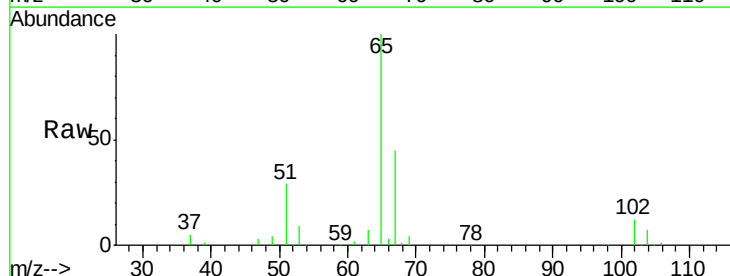


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

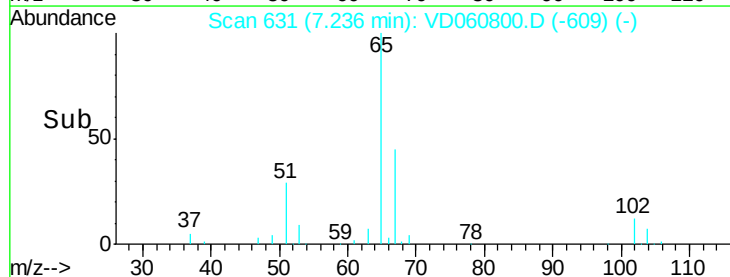
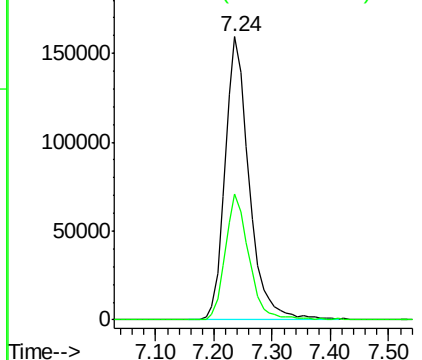


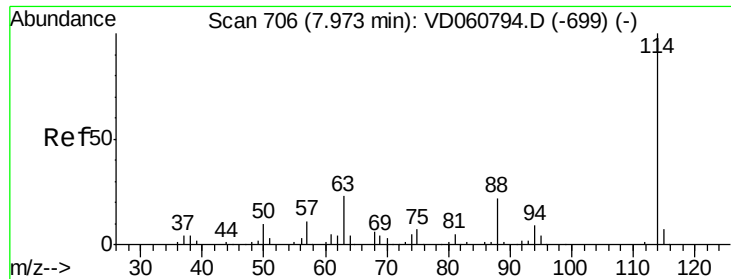
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.24 min Scan# 631
Delta R.T. 0.02 min
Lab File: VD060800.D
Acq: 30 Jan 2019 12:27

Tgt Ion: 65 Resp: 457564
Ion Ratio Lower Upper
65 100
67 44.7 0.0 85.8



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

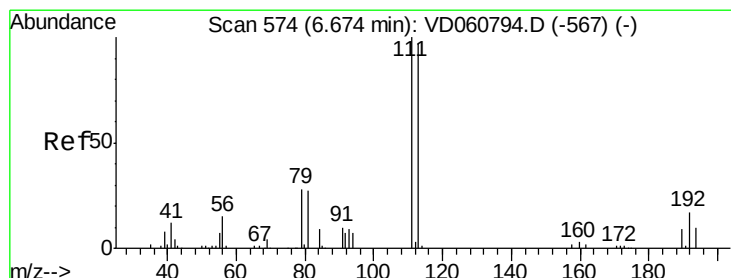
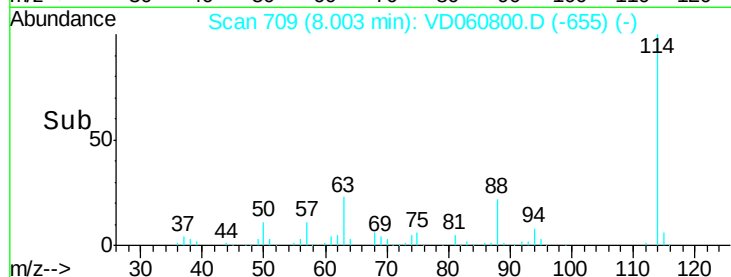
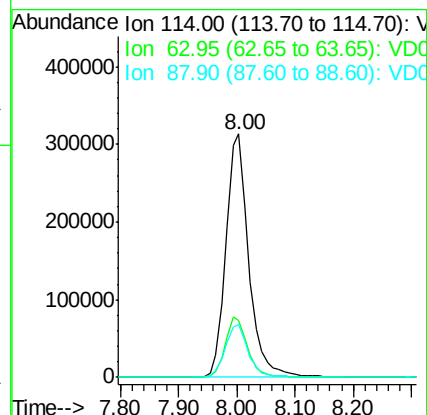
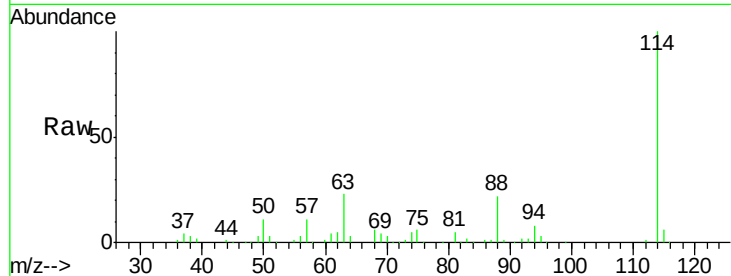




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.00 min Scan# 709
 Delta R.T. 0.03 min
 Lab File: VD060800.D
 Acq: 30 Jan 2019 12:27

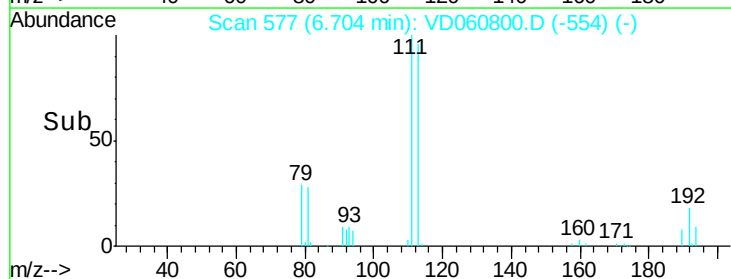
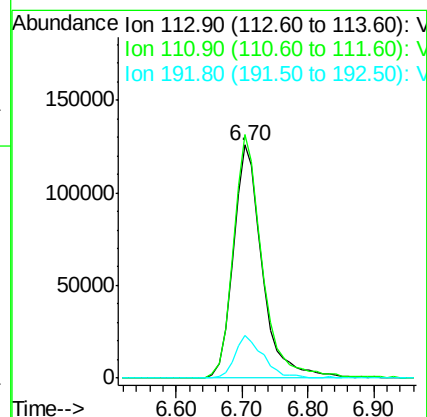
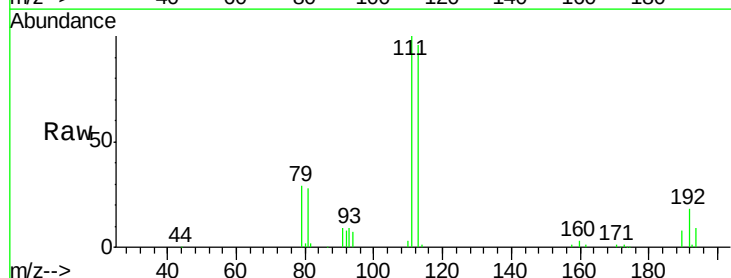
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBL01

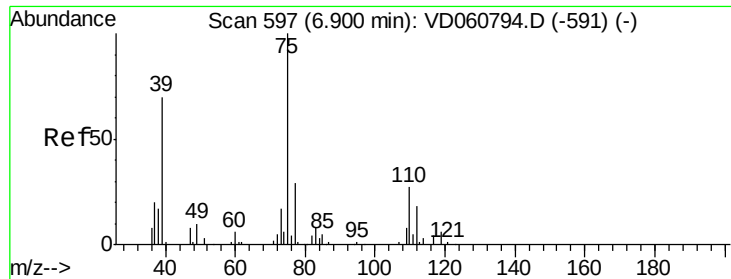
Tot Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	46.6
88	21.5	0.0	44.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 577
 Delta R.T. 0.03 min
 Lab File: VD060800.D
 Acq: 30 Jan 2019 12:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.3	123.5
192	18.6	14.4	21.6





#36

1,1-Dichloropropene

Concen: 6.041 ug/l

RT: 6.81 min Scan# 588

Delta R.T. -0.09 min

Lab File: VD060800.D

Acq: 30 Jan 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBL01

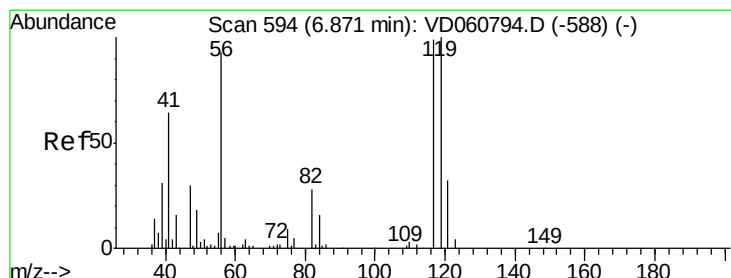
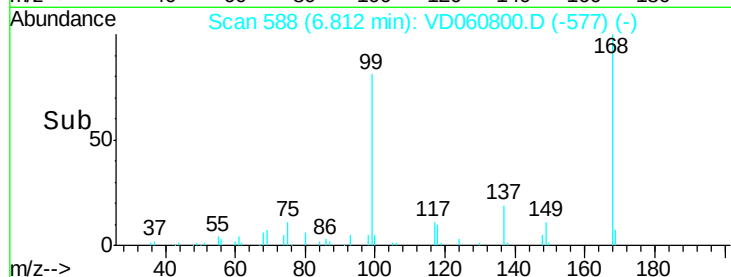
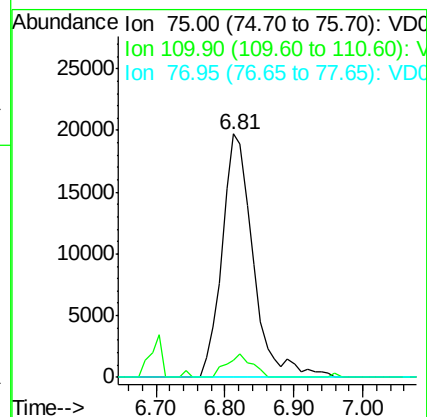
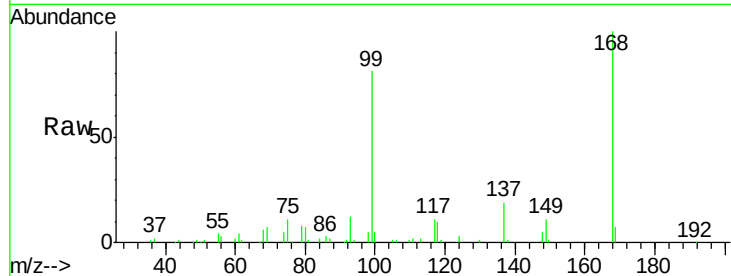
Tot Ion: 75 Resp: 61494

Ion Ratio Lower Upper

75 100

110 7.2 13.5 40.4#

77 0.0 23.4 35.2#



#38

Carbon Tetrachloride

Concen: 5.277 ug/l

RT: 6.82 min Scan# 589

Delta R.T. -0.05 min

Lab File: VD060800.D

Acq: 30 Jan 2019 12:27

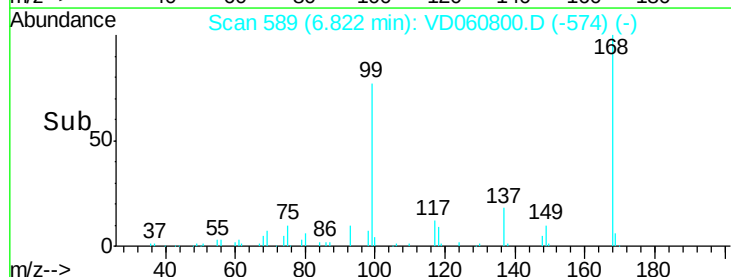
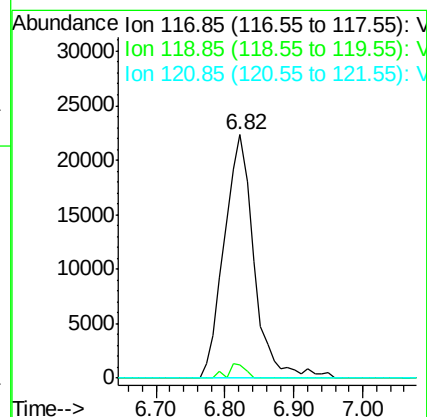
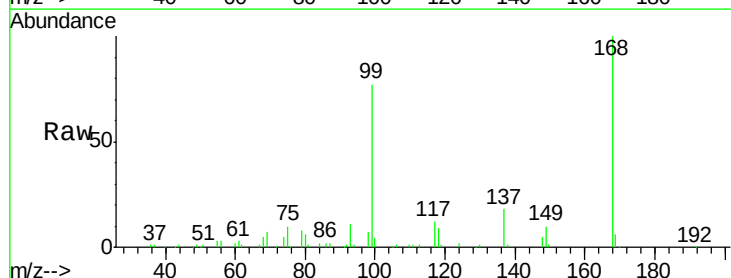
Tgt Ion: 117 Resp: 67351

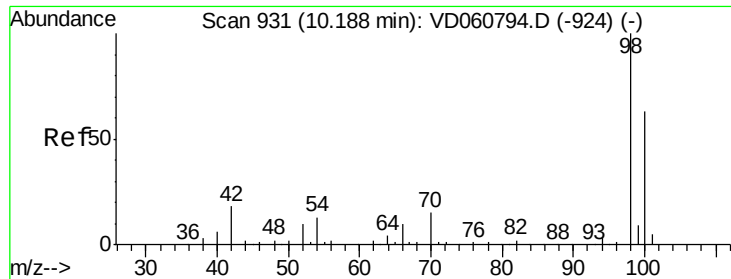
Ion Ratio Lower Upper

117 100

119 5.5 75.6 113.4#

121 0.0 23.4 35.2#

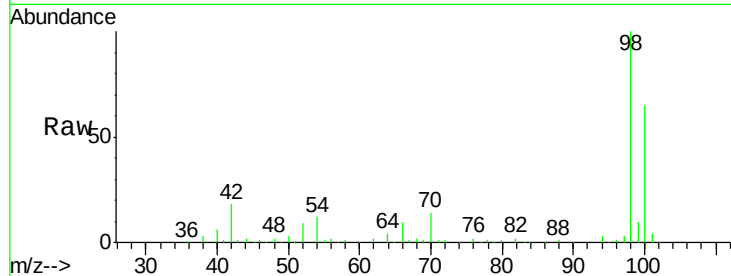




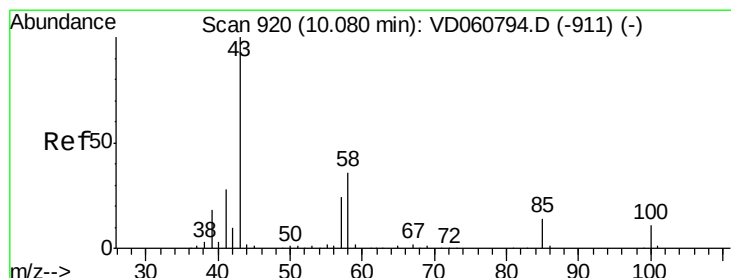
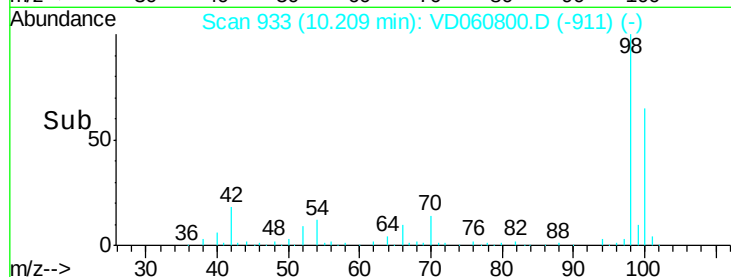
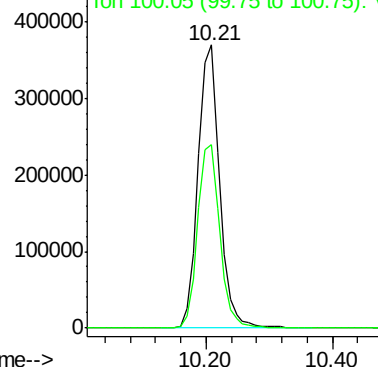
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.21 min Scan# 933
Delta R.T. 0.02 min
Lab File: VD060800.D
Acq: 30 Jan 2019 12:27

Instrument :
MSVOA_D
ClientSampleId :
VD0130SBL01

Tot Ion: 98 Resp: 874944
Ion Ratio Lower Upper
98 100
100 65.0 51.0 76.6

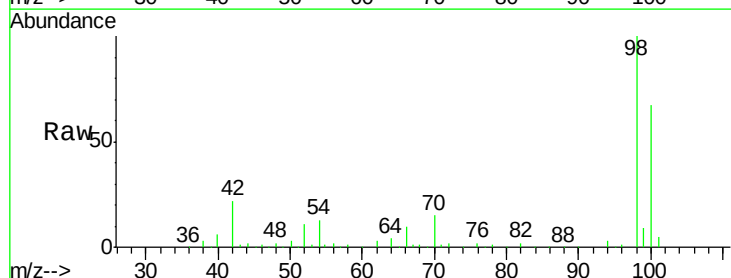


Abundance Ion 98.05 (97.75 to 98.75): VD060794.D (-924) (-)
Ion 100.05 (99.75 to 100.75): VD060794.D (-924) (-)

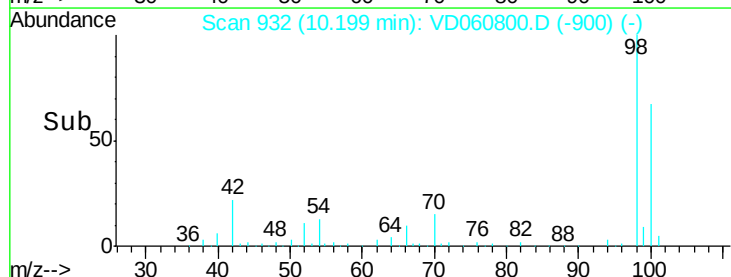
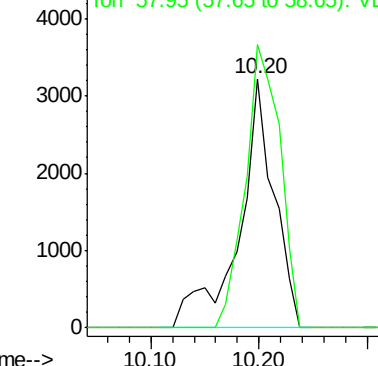


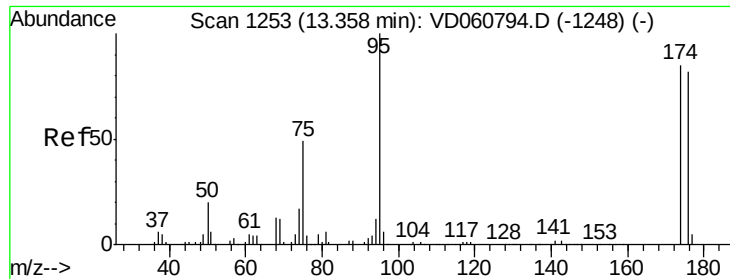
#51
4-Methyl-2-Pentanone
Concen: 1.904 ug/l
RT: 10.20 min Scan# 932
Delta R.T. 0.12 min
Lab File: VD060800.D
Acq: 30 Jan 2019 12:27

Tgt Ion: 43 Resp: 7308
Ion Ratio Lower Upper
43 100
58 113.6 28.4 42.6#



Abundance Ion 42.95 (42.65 to 43.65): VD060794.D (-911) (-)
Ion 57.95 (57.65 to 58.65): VD060794.D (-911) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.36 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VD060800.D

Acq: 30 Jan 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

VD0130SBL01

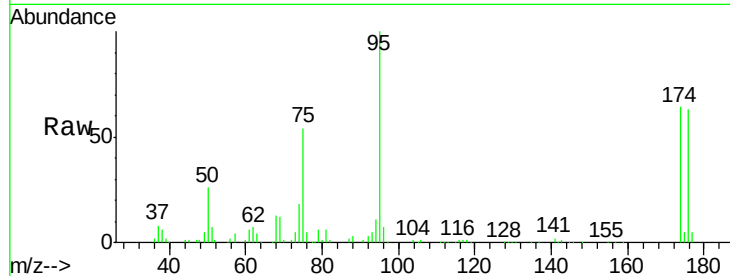
Tot Ion: 95 Resp: 430643

Ion Ratio Lower Upper

95 100

174 64.1 0.0 169.6

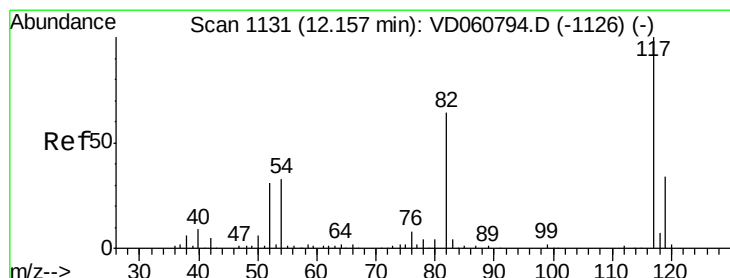
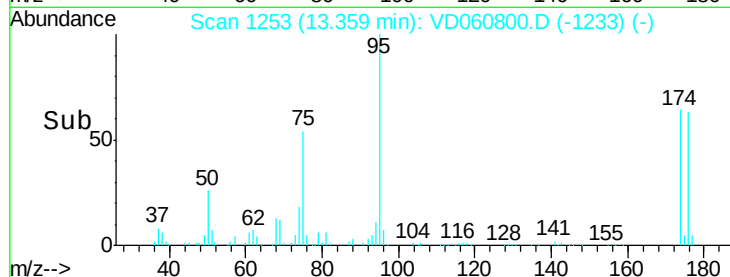
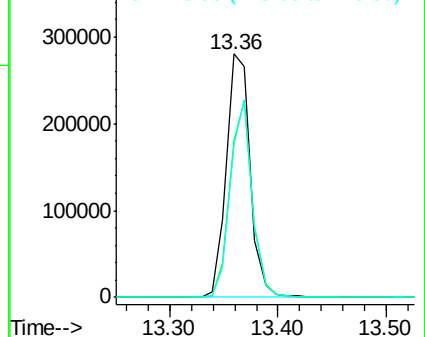
176 62.9 0.0 163.8



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: 12.17 min Scan# 1132

Delta R.T. 0.01 min

Lab File: VD060800.D

Acq: 30 Jan 2019 12:27

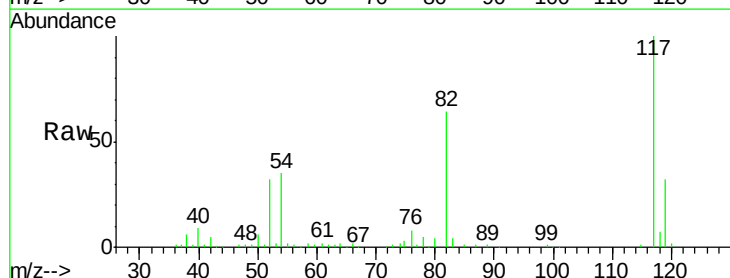
Tgt Ion: 117 Resp: 686694

Ion Ratio Lower Upper

117 100

82 64.2 51.5 77.3

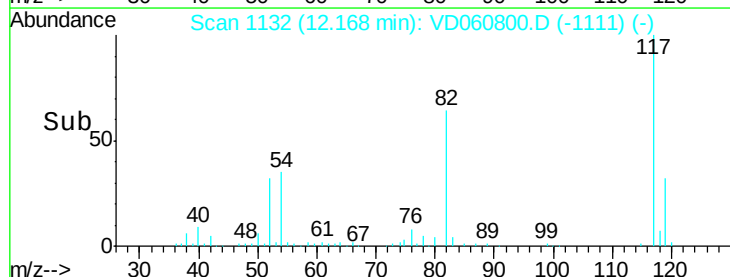
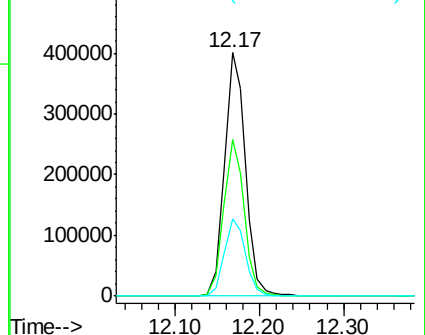
119 31.9 27.1 40.7

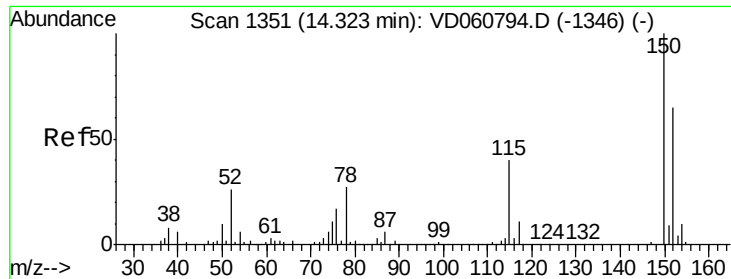


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

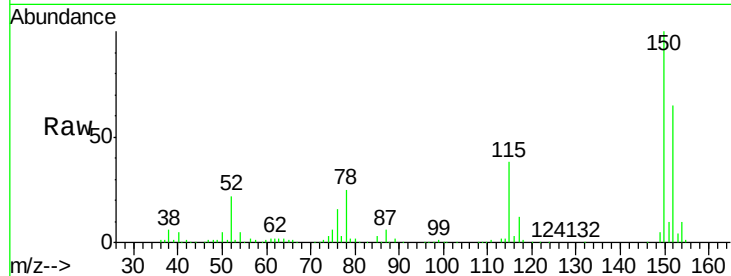




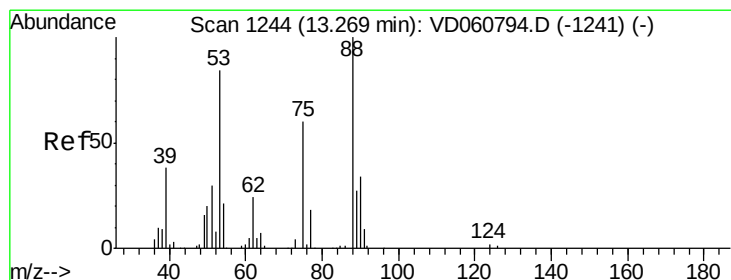
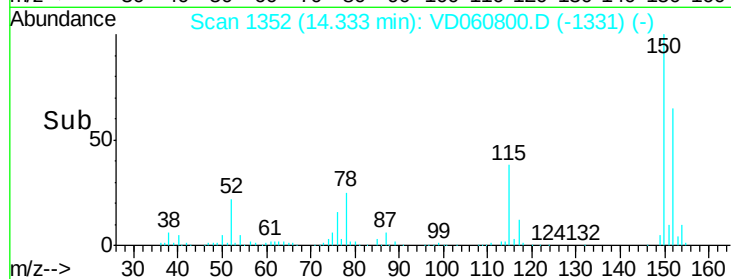
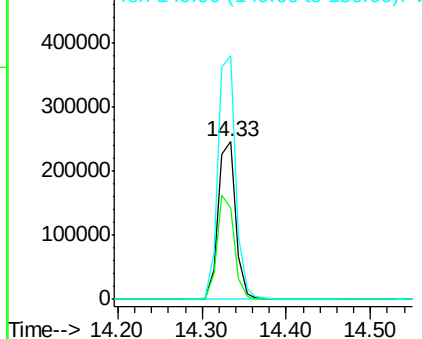
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.33 min Scan# 1352
 Delta R.T. 0.01 min
 Lab File: VD060800.D
 Acq: 30 Jan 2019 12:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0130SBL01

Tot Ion:152 Resp: 354291
 Ion Ratio Lower Upper
 152 100
 115 58.3 31.6 95.0
 150 154.5 0.0 317.6

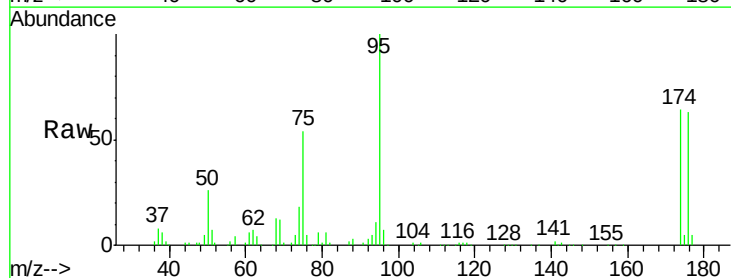


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 115.00 (114.70 to 115.70): V
 Ion 149.90 (149.60 to 150.60): V



#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.100 ug/l
 RT: 13.36 min Scan# 1253
 Delta R.T. 0.09 min
 Lab File: VD060800.D
 Acq: 30 Jan 2019 12:27

Tgt Ion: 75 Resp: 222056
 Ion Ratio Lower Upper
 75 100
 53 0.0 111.6 167.4#
 89 0.0 35.9 53.9#



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

