

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013019\
 Data File : VD060810.D
 Acq On : 30 Jan 2019 17:22
 Operator : VA/AP
 Sample : K1282-29RE
 Misc : 4.76µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-AB

Quant Time: Jan 31 05:02:56 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	6.81	168	516159	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.98	114	703331	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.16	117	581084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	277808	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.22	65	351351	44.40	ug/l	0.00
Spiked Amount			Recovery	=	88.80%	
35) Dibromofluoromethane	6.69	113	270175	40.05	ug/l	0.02
Spiked Amount			Recovery	=	80.10%	
50) Toluene-d8	10.18	98	566536	35.97	ug/l	0.00
Spiked Amount			Recovery	=	71.94%	
62) 4-Bromofluorobenzene	13.35	95	271351	34.27	ug/l	0.00
Spiked Amount			Recovery	=	68.54%	

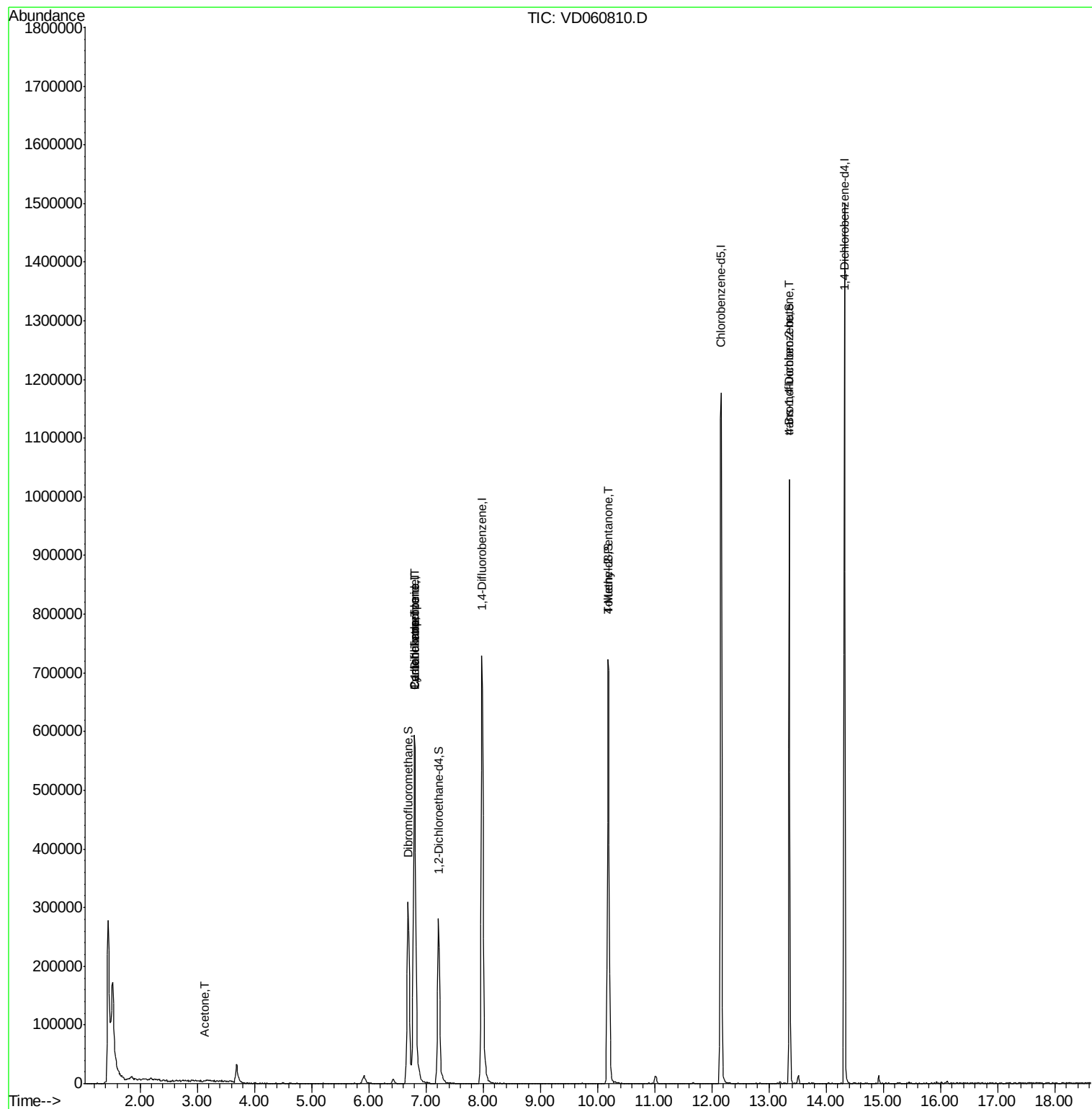
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Acrolein	2.93	56	287	Below Cal		83
16) Acetone	3.14	43	3522	3.082	ug/l #	59
20) Methylene Chloride	3.70	84	18221	Below Cal		89
31) Cyclohexane	6.80	56	17042	2.347	ug/l #	1
36) 1,1-Dichloropropene	6.80	75	53357	6.354	ug/l #	58
38) Carbon Tetrachloride	6.80	117	62067	5.894	ug/l #	16
51) 4-Methyl-2-Pentanone	10.18	43	4643	1.466	ug/l #	34
81) trans-1,4-Dichloro-2-buten	13.35	75	144718	108.963	ug/l #	1

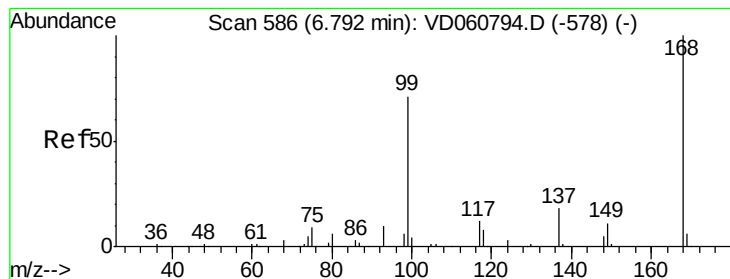
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 6.81 min Scan# 587

Delta R.T. 0.02 min

Lab File: VD060810.D

Acq: 30 Jan 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

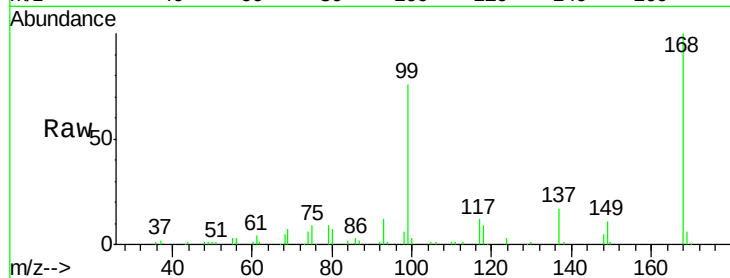
TP-8-AB

Tot Ion:168 Resp: 516159

Ion Ratio Lower Upper

168 100

99 76.2 59.2 88.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.81

150000

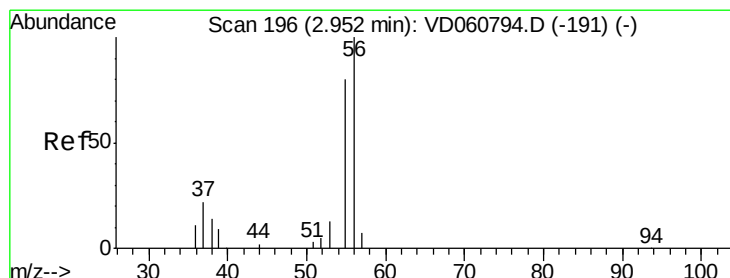
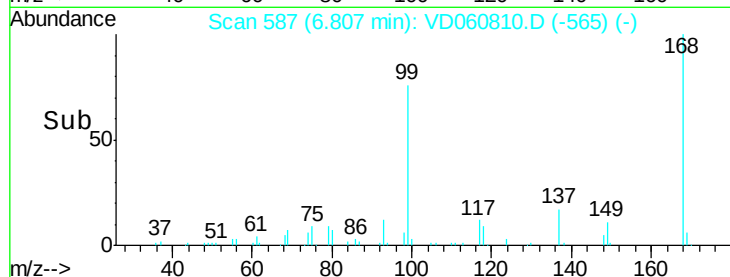
100000

50000

0

Time-->

6.70 6.80 6.90 7.00



#13

Acrolein

Concen: Below Cal

RT: 2.93 min Scan# 193

Delta R.T. -0.02 min

Lab File: VD060810.D

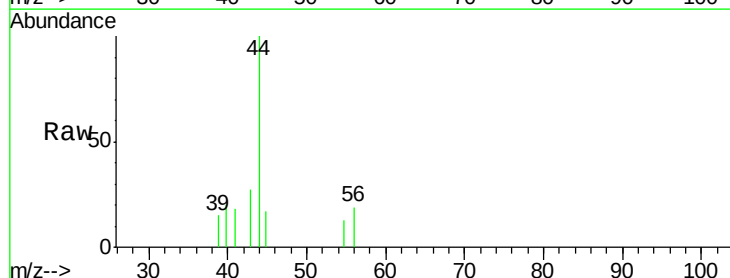
Acq: 30 Jan 2019 17:22

Tgt Ion: 56 Resp: 287

Ion Ratio Lower Upper

56 100

55 65.2 64.2 96.2



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC

2.93

600

500

400

300

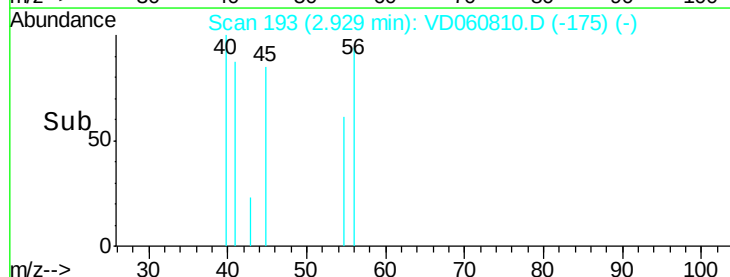
200

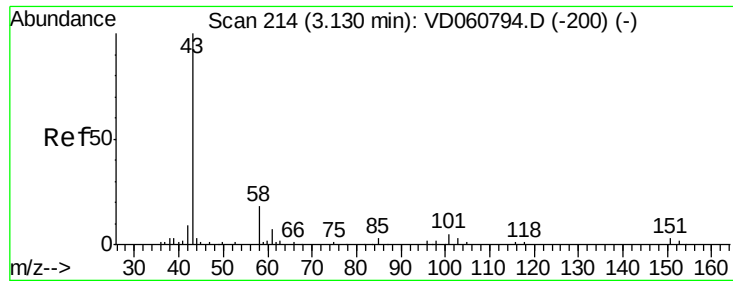
100

0

Time-->

2.90 2.92 2.94 2.96





#16

Acetone

Concen: 3.082 ug/l

RT: 3.14 min Scan# 214

Delta R.T. 0.01 min

Lab File: VD060810.D

Acq: 30 Jan 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

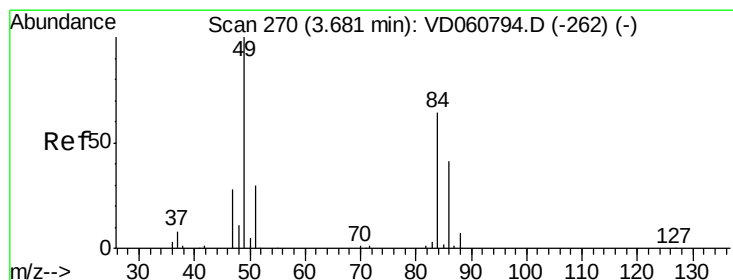
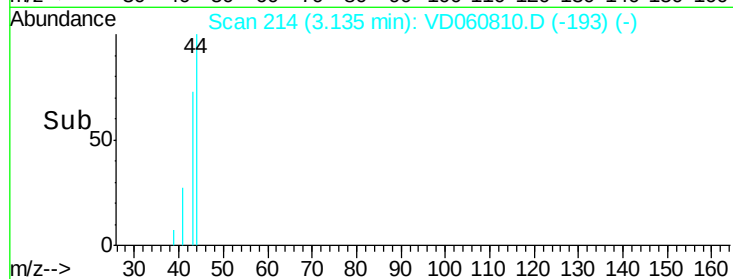
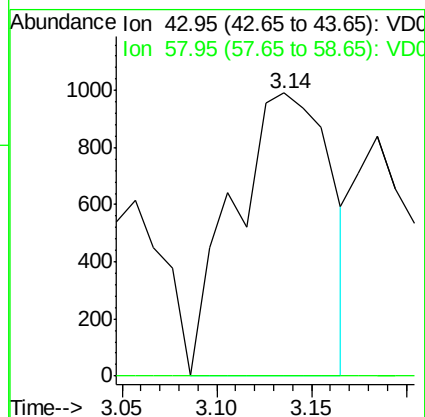
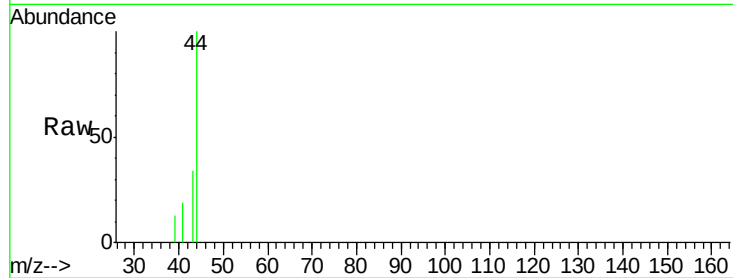
TP-8-AB

Tot Ion: 43 Resp: 3522

Ion Ratio Lower Upper

43 100

58 0.0 14.5 21.7#



#20

Methylene Chloride

Concen: Below Cal

RT: 3.70 min Scan# 271

Delta R.T. 0.02 min

Lab File: VD060810.D

Acq: 30 Jan 2019 17:22

Tgt Ion: 84 Resp: 18221

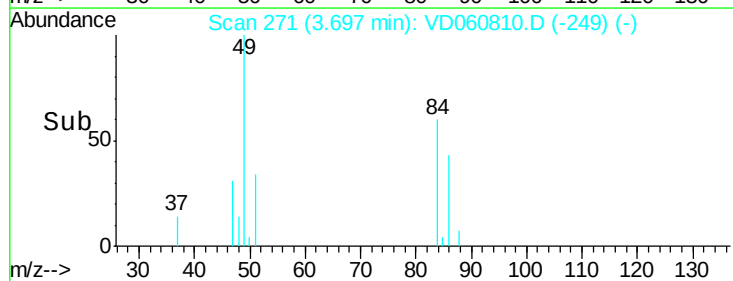
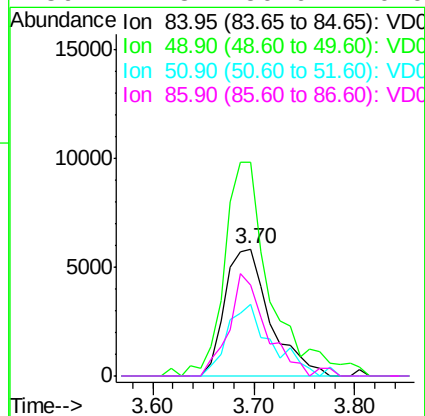
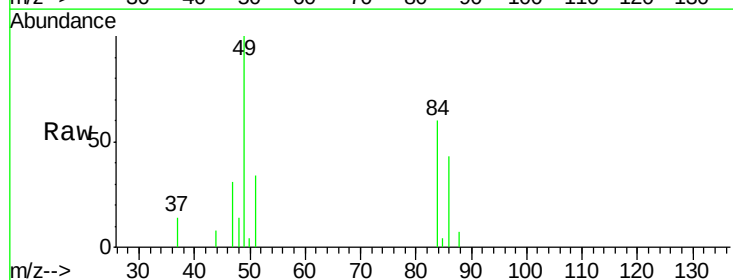
Ion Ratio Lower Upper

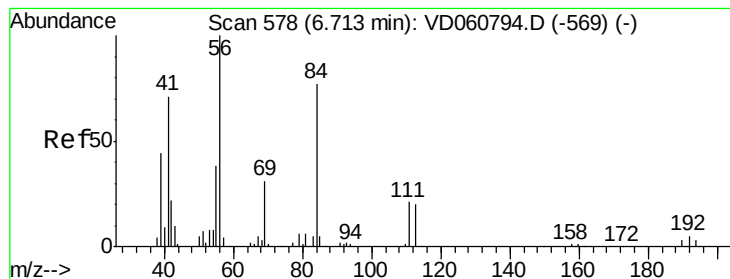
84 100

49 168.0 124.2 186.2

51 56.7 38.1 57.1

86 71.8 50.6 76.0





#31

Cyclohexane

Concen: 2.347 ug/l

RT: 6.80 min Scan# 586

Delta R.T. 0.08 min

Lab File: VD060810.D

Acq: 30 Jan 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

TP-8-AB

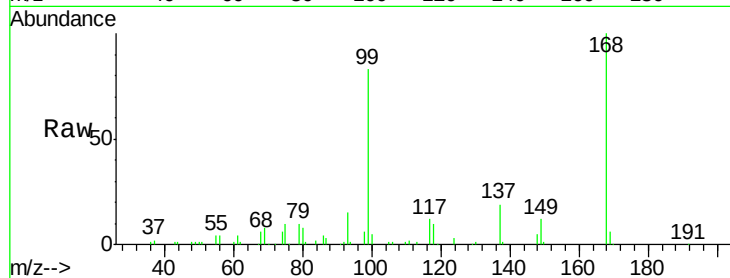
Tot Ion: 56 Resp: 17042

Ion Ratio Lower Upper

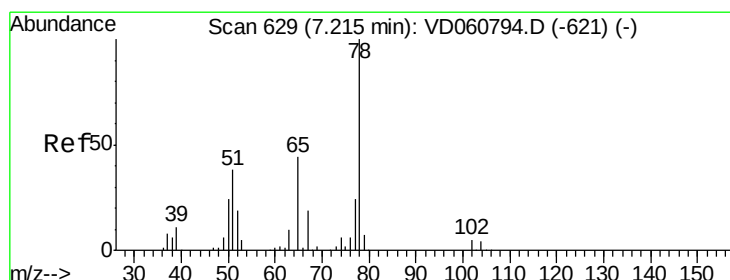
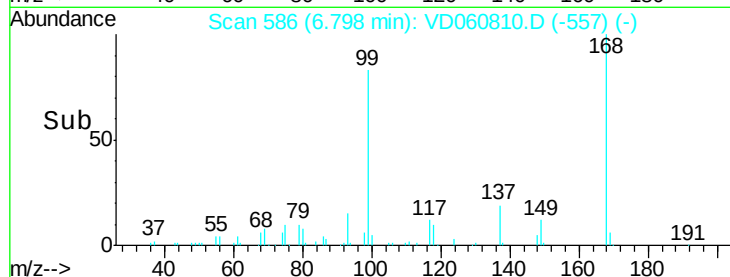
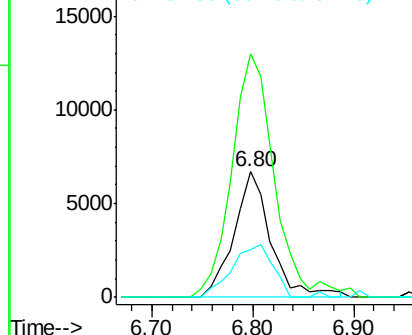
56 100

69 193.8 25.1 37.7#

84 38.5 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: 7.22 min Scan# 629

Delta R.T. 0.01 min

Lab File: VD060810.D

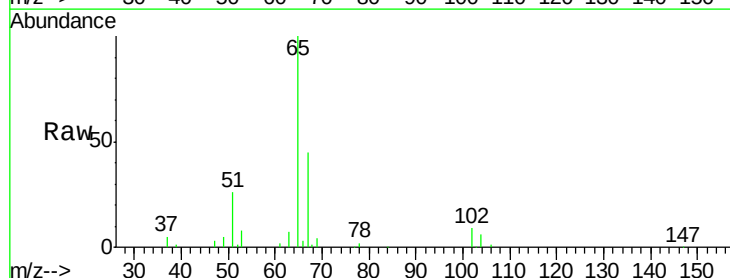
Acq: 30 Jan 2019 17:22

Tgt Ion: 65 Resp: 351351

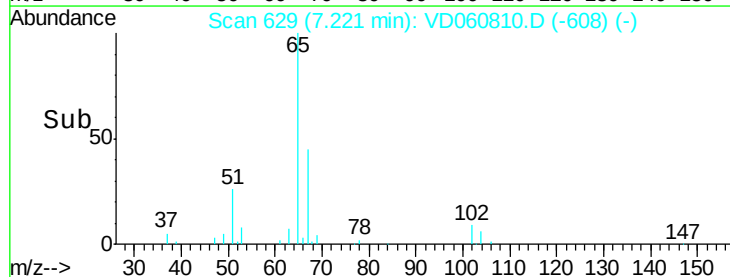
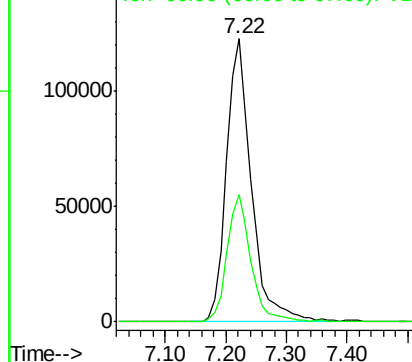
Ion Ratio Lower Upper

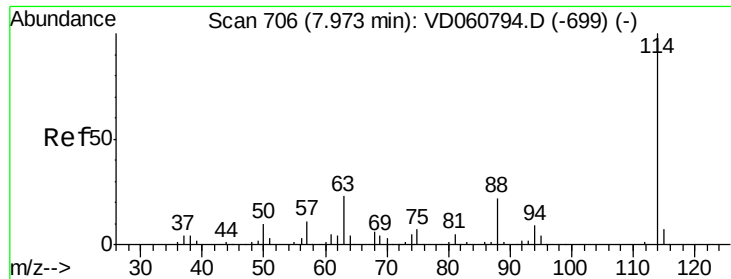
65 100

67 44.9 0.0 85.8



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

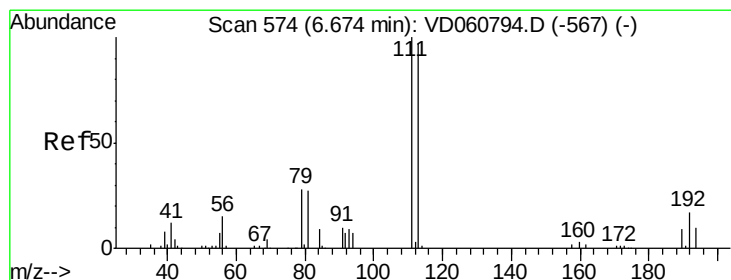
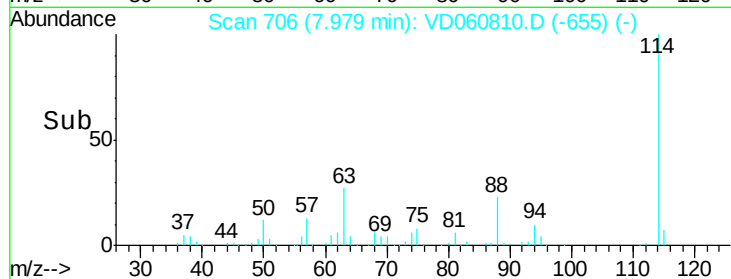
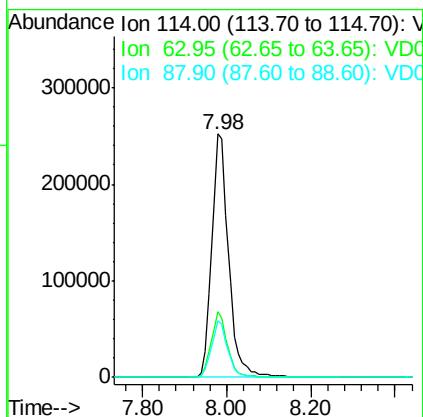
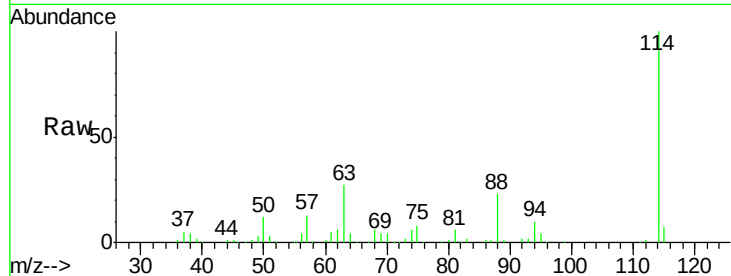




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.98 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: VD060810.D
 Acq: 30 Jan 2019 17:22

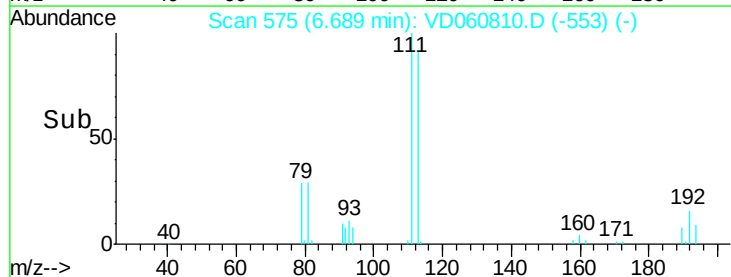
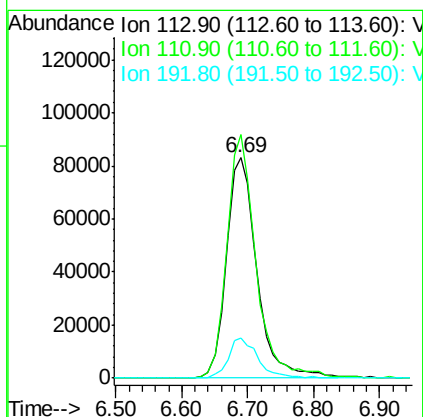
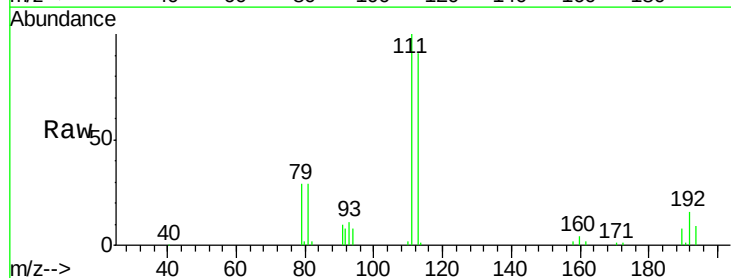
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-AB

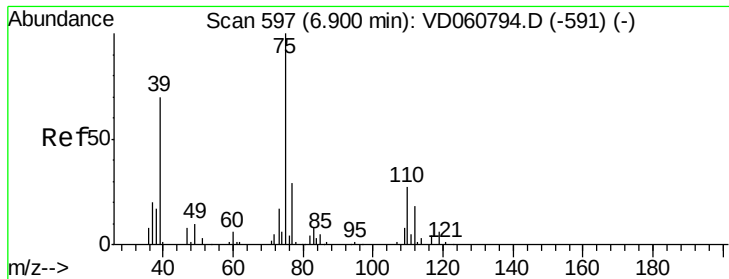
Tot Ion:114 Resp: 703331
 Ion Ratio Lower Upper
 114 100
 63 26.9 0.0 46.6
 88 23.5 0.0 44.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: VD060810.D
 Acq: 30 Jan 2019 17:22

Tgt Ion:113 Resp: 270175
 Ion Ratio Lower Upper
 113 100
 111 110.4 82.3 123.5
 192 18.1 14.4 21.6





#36

1,1-Dichloropropene

Concen: 6.354 ug/l

RT: 6.80 min Scan# 586

Delta R.T. -0.10 min

Lab File: VD060810.D

Acq: 30 Jan 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

TP-8-AB

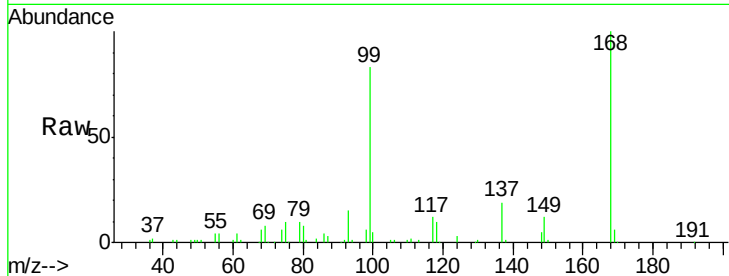
Tot Ion: 75 Resp: 53357

Ion Ratio Lower Upper

75 100

110 12.4 13.5 40.4#

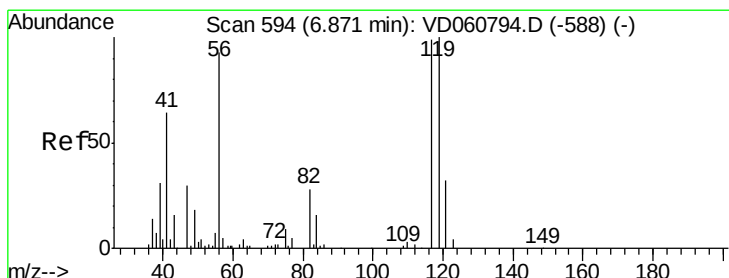
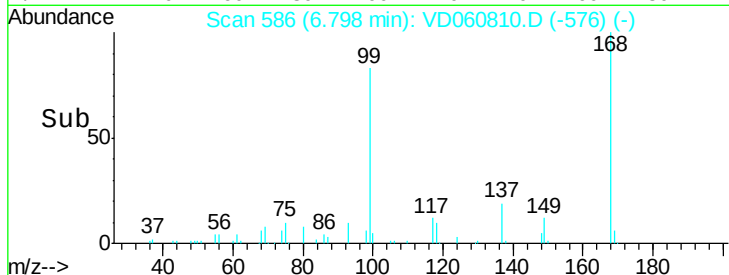
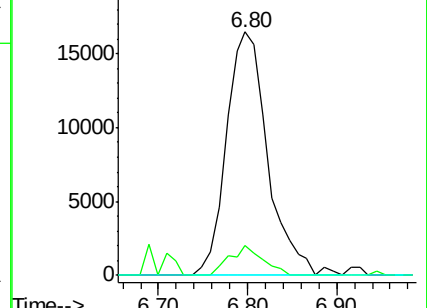
77 0.0 23.4 35.2#



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: 5.894 ug/l

RT: 6.80 min Scan# 586

Delta R.T. -0.07 min

Lab File: VD060810.D

Acq: 30 Jan 2019 17:22

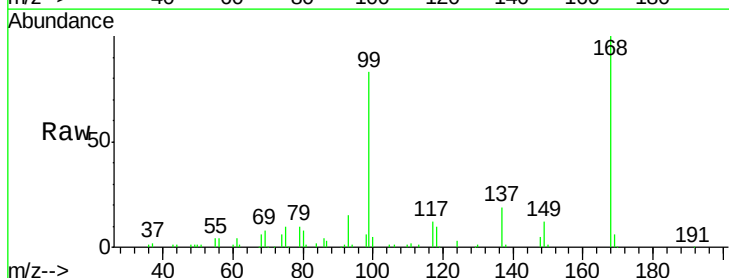
Tgt Ion: 117 Resp: 62067

Ion Ratio Lower Upper

117 100

119 4.0 75.6 113.4#

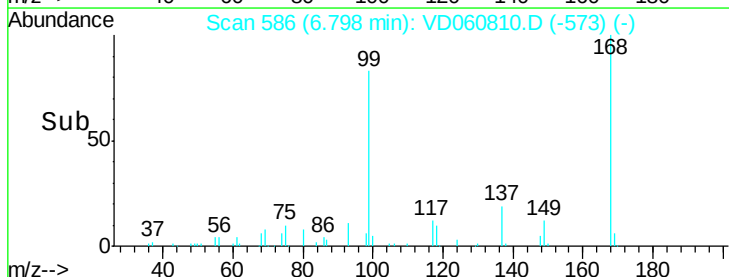
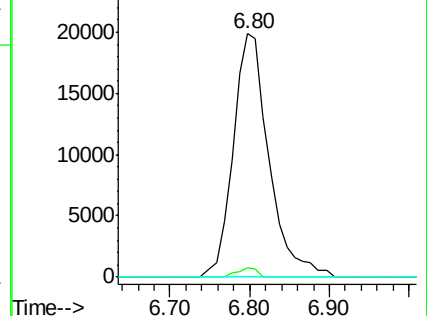
121 0.0 23.4 35.2#

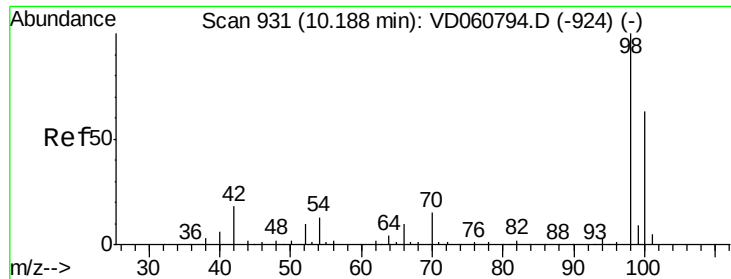


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

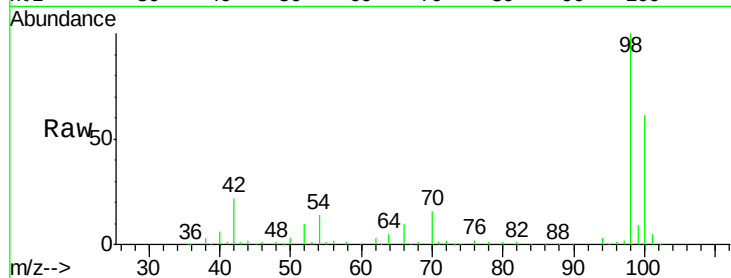




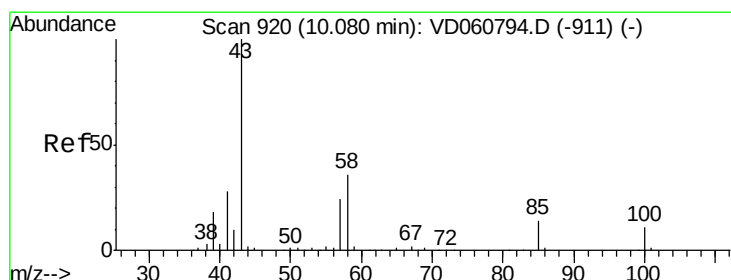
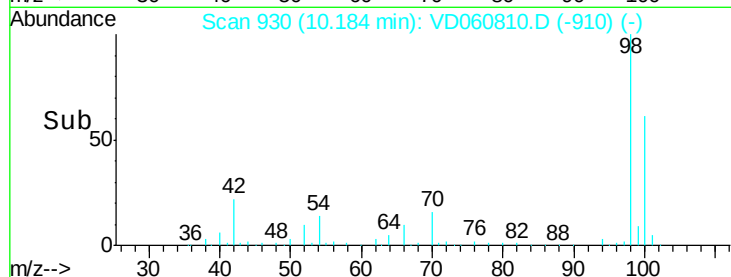
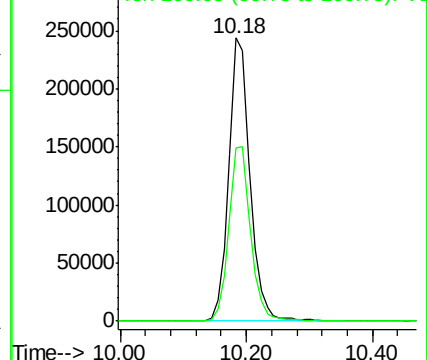
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.18 min Scan# 930
Delta R.T. -0.00 min
Lab File: VD060810.D
Acq: 30 Jan 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
TP-8-AB

Tot Ion: 98 Resp: 566536
Ion Ratio Lower Upper
98 100
100 61.3 51.0 76.6

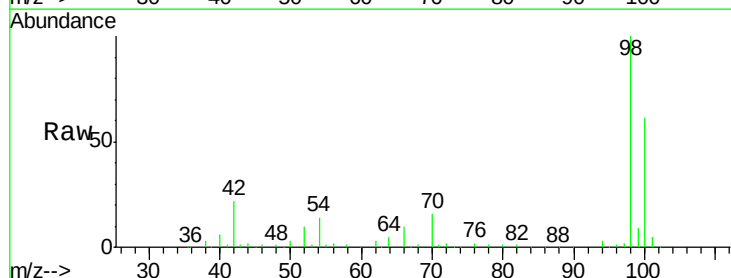


Abundance Ion 98.05 (97.75 to 98.75): VD060810.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD060810.D (-910) (-)

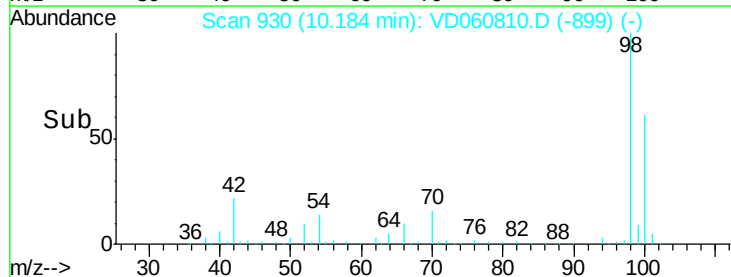
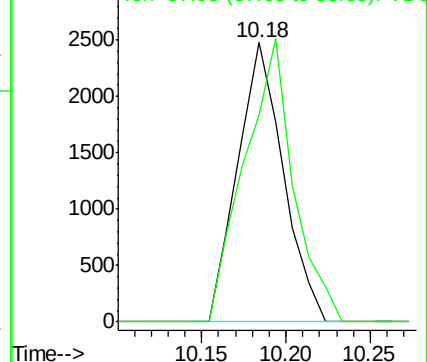


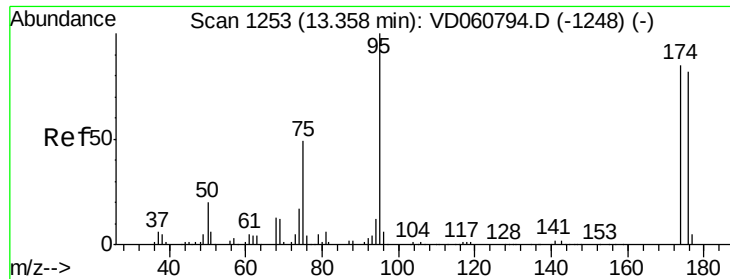
#51
4-Methyl-2-Pentanone
Concen: 1.466 ug/l
RT: 10.18 min Scan# 930
Delta R.T. 0.10 min
Lab File: VD060810.D
Acq: 30 Jan 2019 17:22

Tgt Ion: 43 Resp: 4643
Ion Ratio Lower Upper
43 100
58 74.0 28.4 42.6#



Abundance Ion 42.95 (42.65 to 43.65): VD060810.D (-899) (-)
Ion 57.95 (57.65 to 58.65): VD060810.D (-899) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.35 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VD060810.D

Acq: 30 Jan 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

TP-8-AB

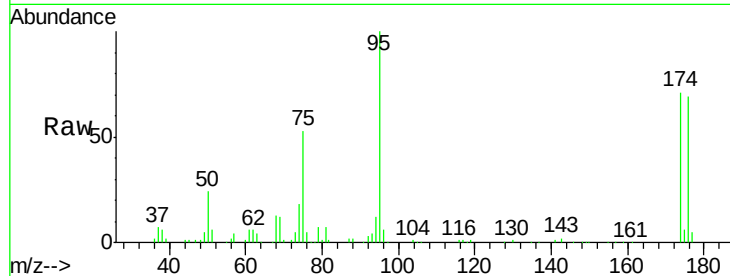
Tot Ion: 95 Resp: 271351

Ion Ratio Lower Upper

95 100

174 71.3 0.0 169.6

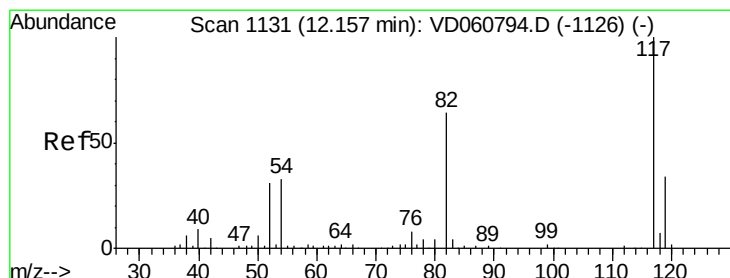
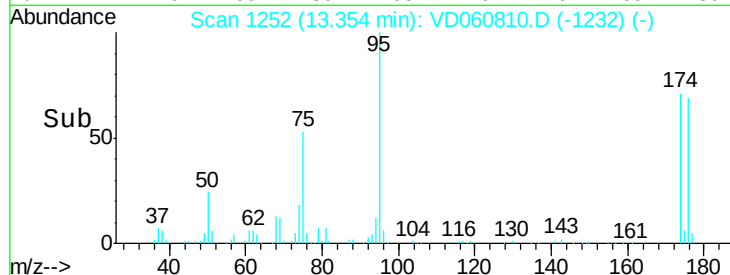
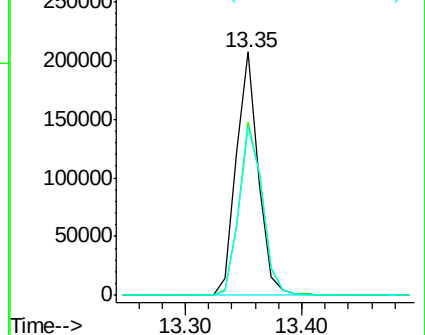
176 68.9 0.0 163.8



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: 12.16 min Scan# 1131

Delta R.T. 0.01 min

Lab File: VD060810.D

Acq: 30 Jan 2019 17:22

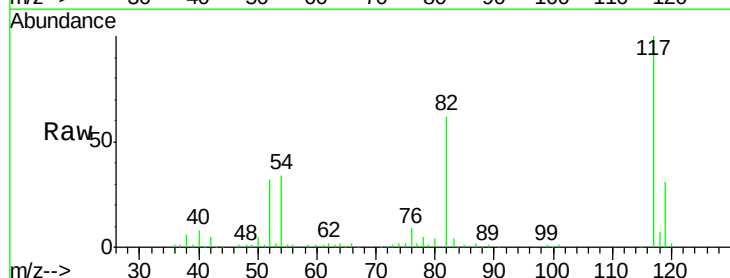
Tgt Ion: 117 Resp: 581084

Ion Ratio Lower Upper

117 100

82 62.1 51.5 77.3

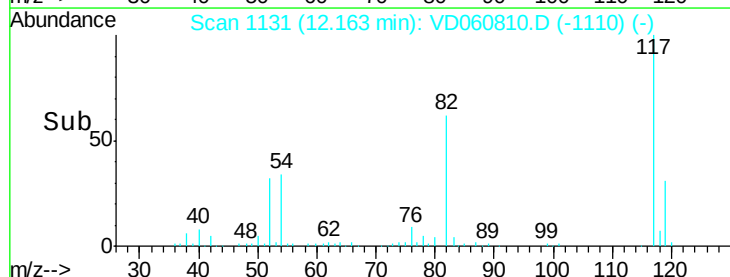
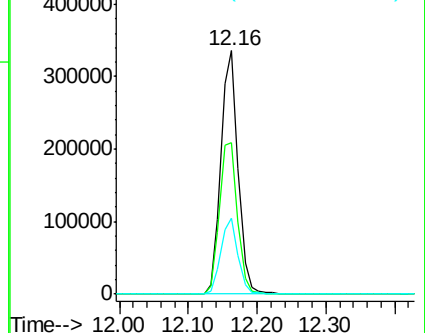
119 31.4 27.1 40.7

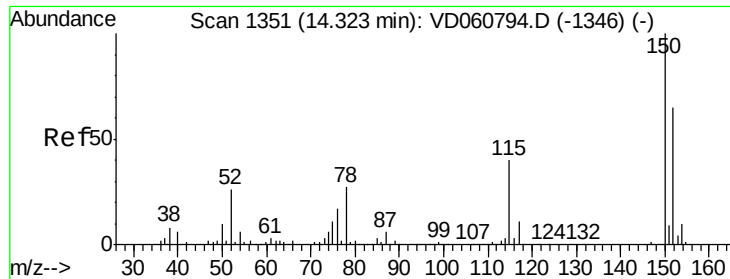


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

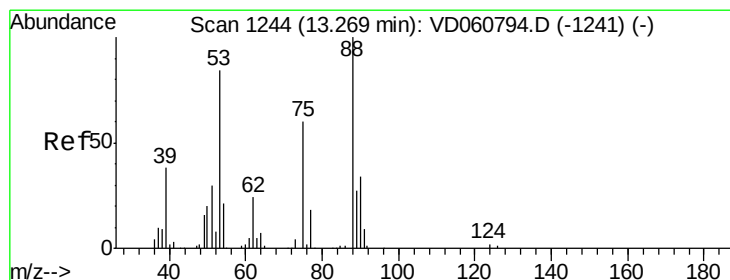
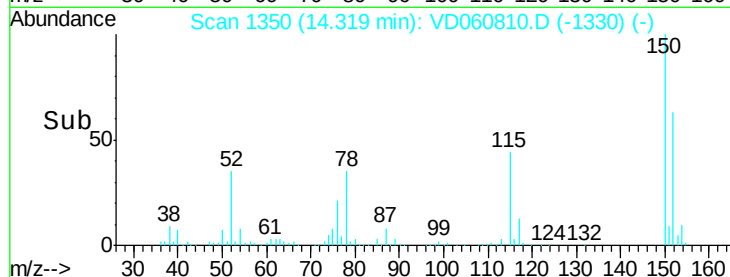
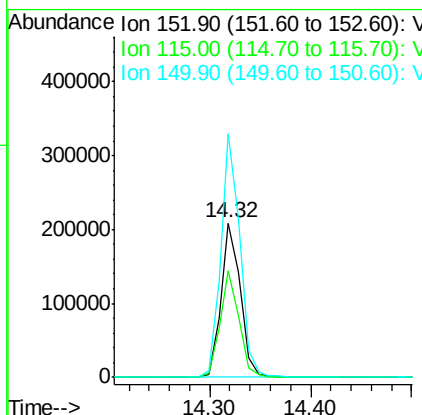
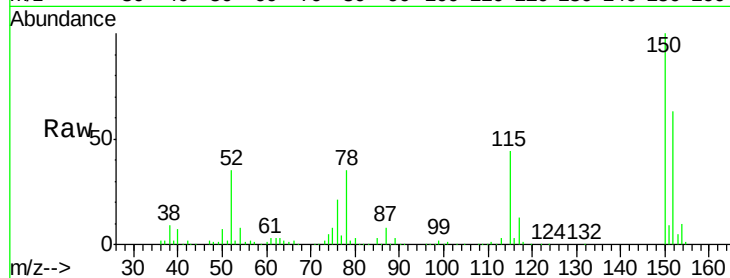




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VD060810.D
 Acq: 30 Jan 2019 17:22

Instrument :
 MSVOA_D
 ClientSampled :
 TP-8-AB

Tot Ion:152 Resp: 277808
 Ion Ratio Lower Upper
 152 100
 115 69.4 31.6 95.0
 150 157.9 0.0 317.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.963 ug/l
 RT: 13.35 min Scan# 1252
 Delta R.T. 0.08 min
 Lab File: VD060810.D
 Acq: 30 Jan 2019 17:22

Tgt Ion: 75 Resp: 144718
 Ion Ratio Lower Upper
 75 100
 53 0.0 111.6 167.4#
 89 0.0 35.9 53.9#

