

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061302.D
 Acq On : 25 Mar 2019 14:35
 Operator : VA/AP
 Sample : VD0325SBL01
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBL01

Quant Time: Mar 26 04:27:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	820262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1331244	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1112185	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	480150	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	363691	51.39	ug/l	0.00
Spiked Amount			Recovery	=	102.78%	
35) Dibromofluoromethane	6.93	113	570142	55.97	ug/l	0.00
Spiked Amount			Recovery	=	111.94%	
50) Toluene-d8	10.42	98	1347386	54.55	ug/l	0.00
Spiked Amount			Recovery	=	109.10%	
62) 4-Bromofluorobenzene	13.56	95	498244	51.71	ug/l	0.00
Spiked Amount			Recovery	=	103.42%	

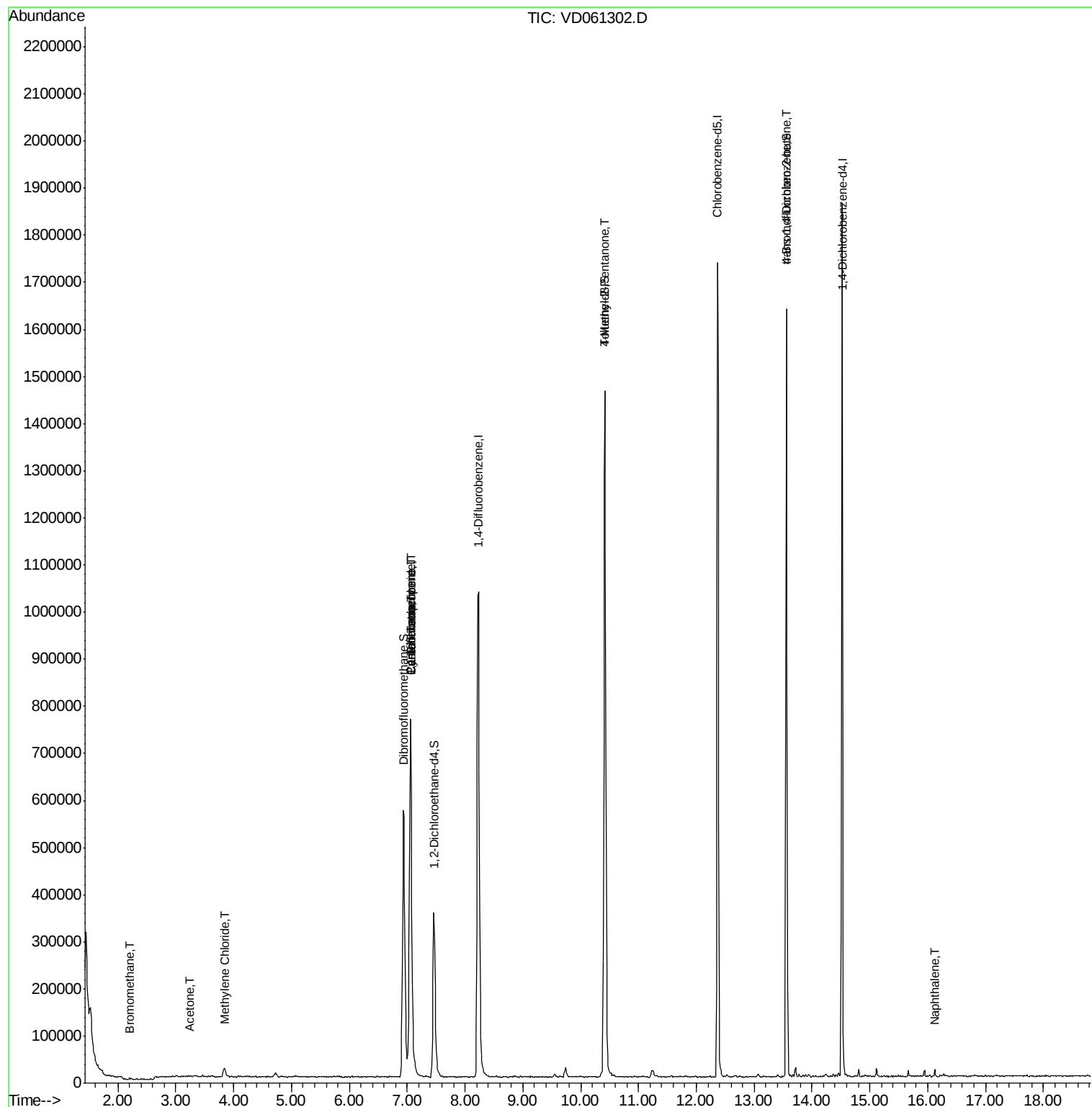
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.20	94	1568	1.263	ug/l #	74
16) Acetone	3.23	43	1759	1.039	ug/l #	51
20) Methylene Chloride	3.84	84	12865	1.339	ug/l	93
31) Cyclohexane	7.06	56	14334	1.281	ug/l #	1
36) 1,1-Dichloropropene	7.06	75	58075	5.332	ug/l #	46
38) Carbon Tetrachloride	7.06	117	78161	6.279	ug/l #	14
51) 4-Methyl-2-Pentanone	10.41	43	7467	1.912	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.56	75	185525	98.450	ug/l #	17
95) Naphthalene	16.13	128	9878	1.188	ug/l	97

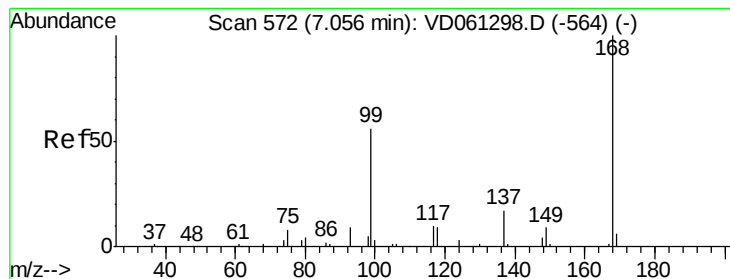
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061302.D
Acq On : 25 Mar 2019 14:35
Operator : VA/AP
Sample : VD0325SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL01

Quant Time: Mar 26 04:27:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 03:31:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD061302.D

Acq: 25 Mar 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

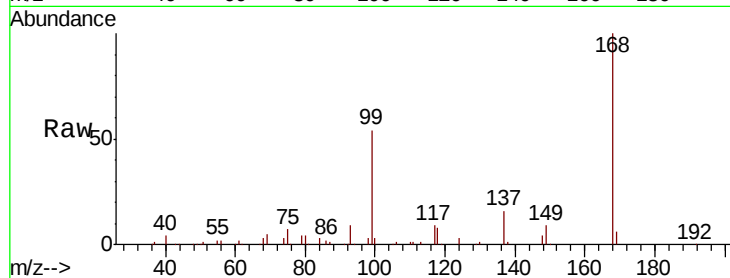
VD0325SBL01

Tot Ion:168 Resp: 820262

Ion Ratio Lower Upper

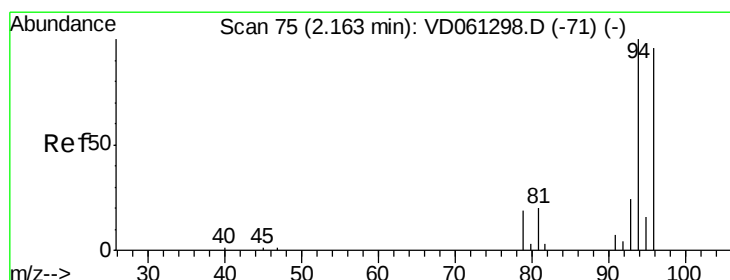
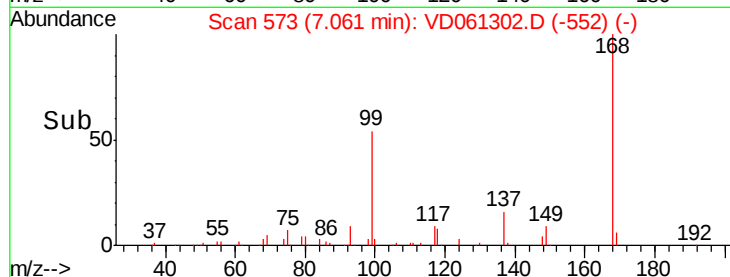
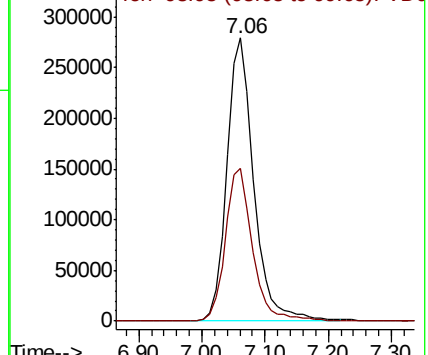
168 100

99 53.8 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 1.263 ug/l

RT: 2.20 min Scan# 79

Delta R.T. 0.03 min

Lab File: VD061302.D

Acq: 25 Mar 2019 14:35

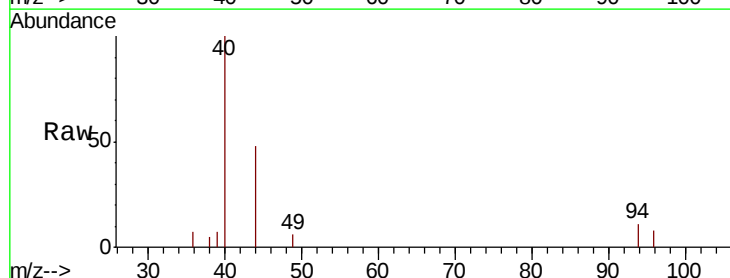
Tgt Ion: 94 Resp: 1568

Ion Ratio Lower Upper

94 100

96 75.8 76.9 115.3#

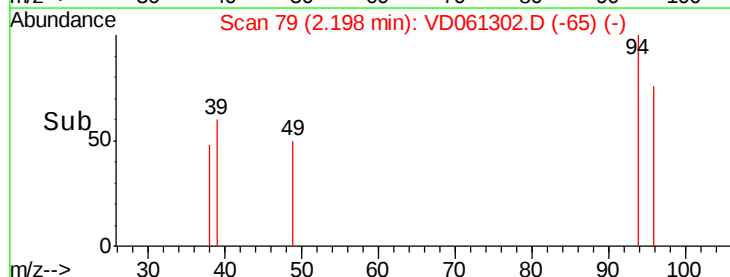
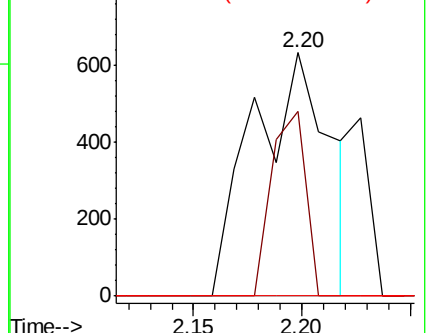
93 0.0 18.8 28.2#

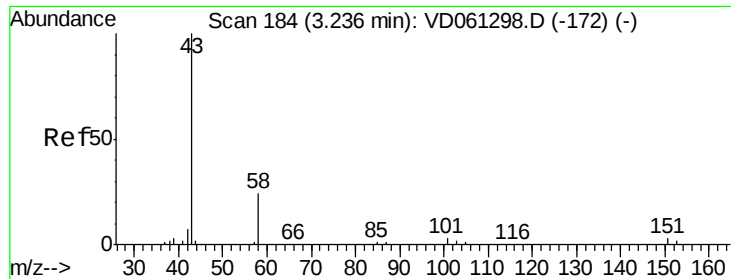


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 1.039 ug/l

RT: 3.23 min Scan# 184

Delta R.T. -0.00 min

Lab File: VD061302.D

Acq: 25 Mar 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

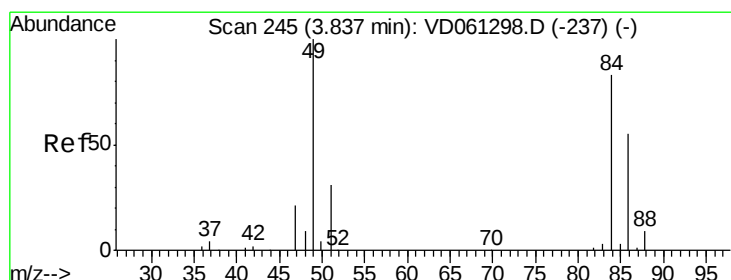
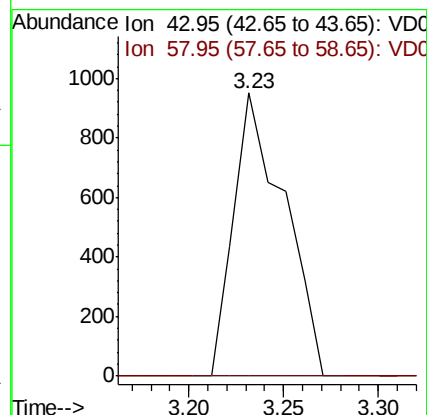
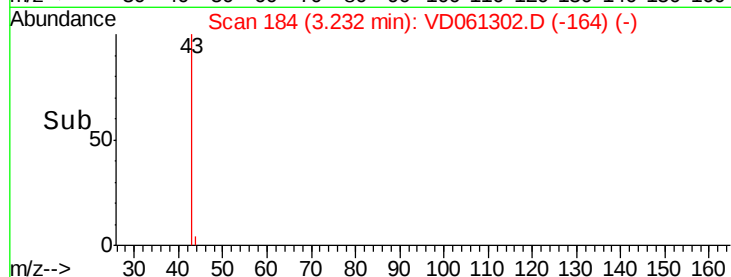
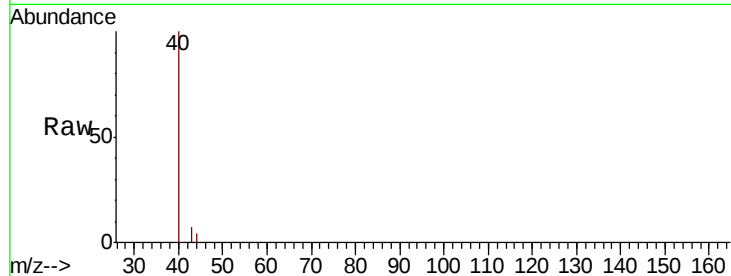
VD0325SBL01

Tot Ion: 43 Resp: 1759

Ion Ratio Lower Upper

43 100

58 0.0 19.4 29.0#



#20

Methylene Chloride

Concen: 1.339 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.01 min

Lab File: VD061302.D

Acq: 25 Mar 2019 14:35

Tgt Ion: 84 Resp: 12865

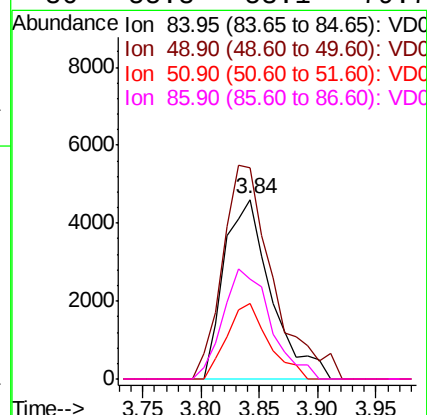
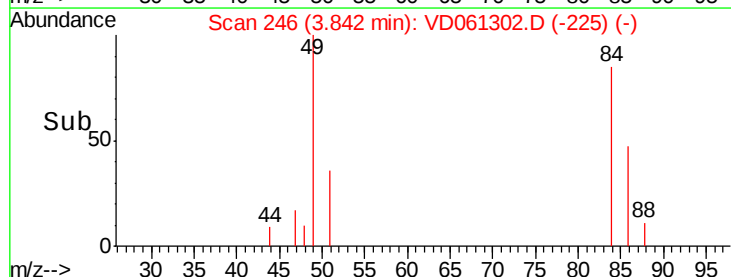
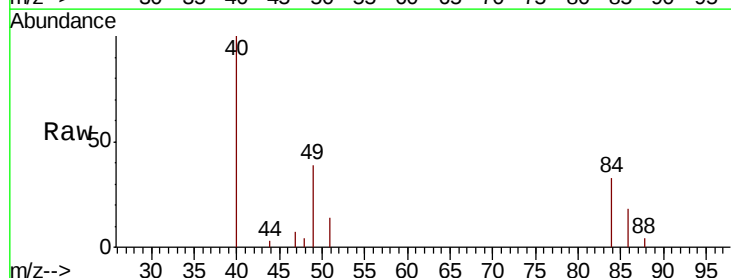
Ion Ratio Lower Upper

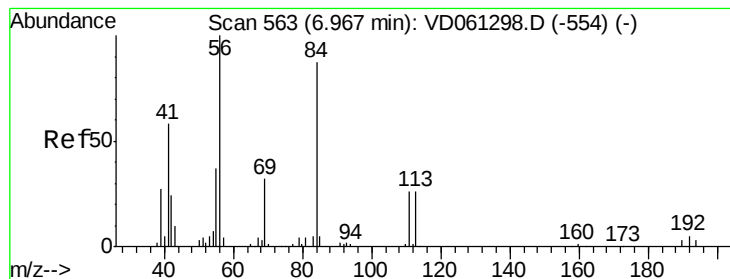
84 100

49 117.8 96.8 145.2

51 42.0 29.9 44.9

86 55.8 53.1 79.7





#31

Cyclohexane

Concen: 1.281 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.09 min

Lab File: VD061302.D

Acq: 25 Mar 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0325SBL01

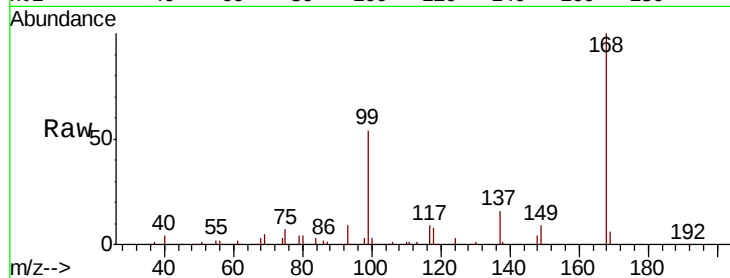
Tot Ion: 56 Resp: 14334

Ion Ratio Lower Upper

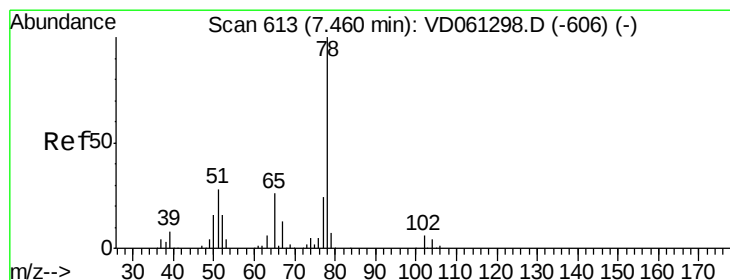
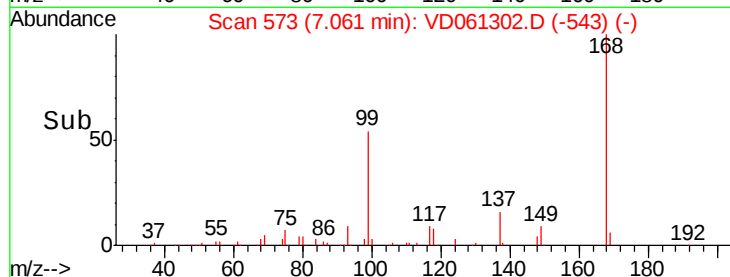
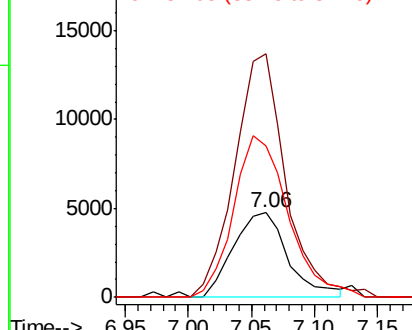
56 100

69 287.9 25.5 38.3#

84 179.6 71.4 107.2#



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: 7.46 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061302.D

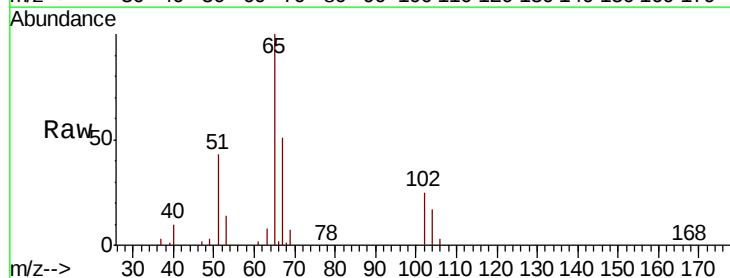
Acq: 25 Mar 2019 14:35

Tgt Ion: 65 Resp: 363691

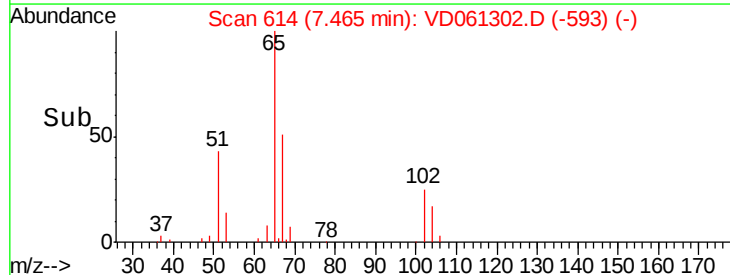
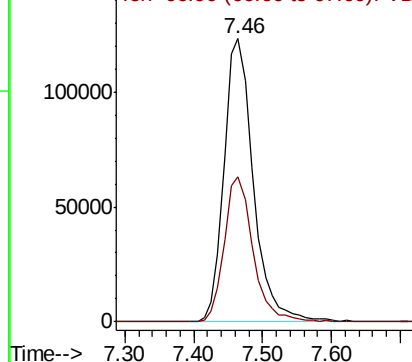
Ion Ratio Lower Upper

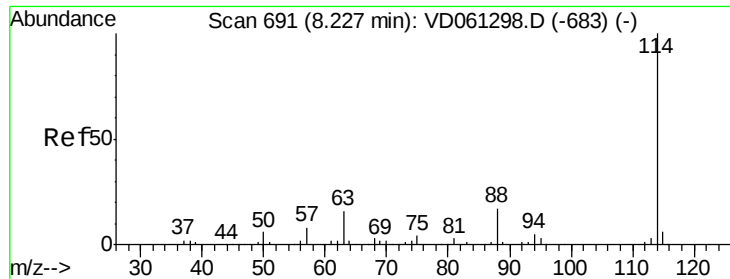
65 100

67 51.2 0.0 100.8



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

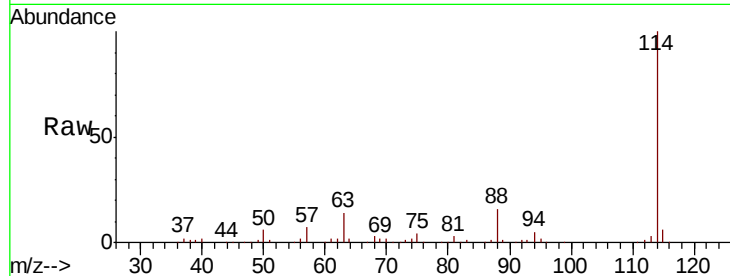




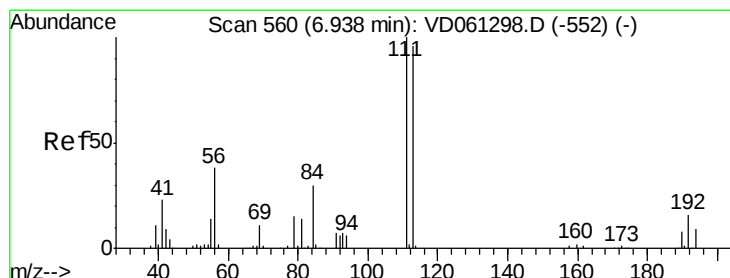
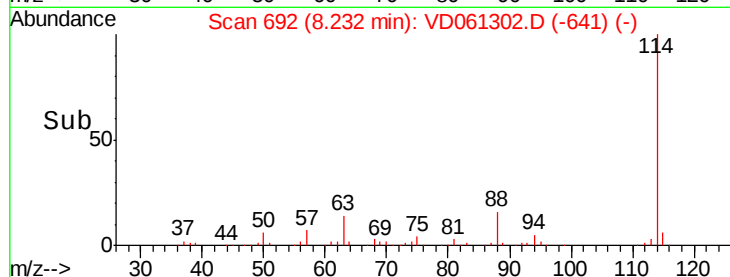
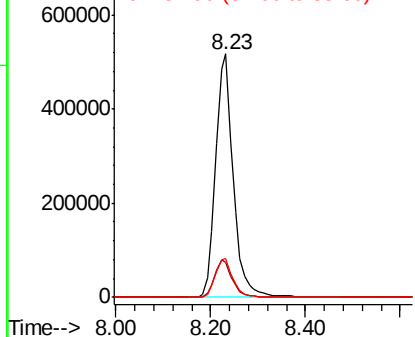
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD061302.D
 Acq: 25 Mar 2019 14:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBL01

Tot Ion:114 Resp: 1331244
 Ion Ratio Lower Upper
 114 100
 63 14.3 0.0 31.4
 88 15.8 0.0 33.2

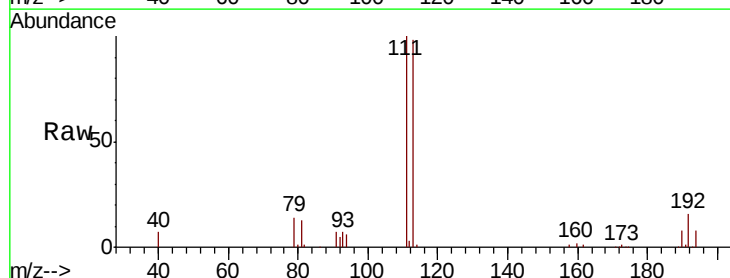


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

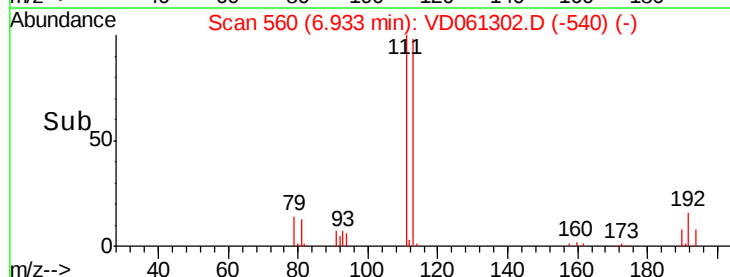
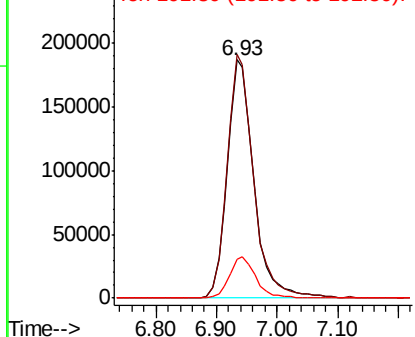


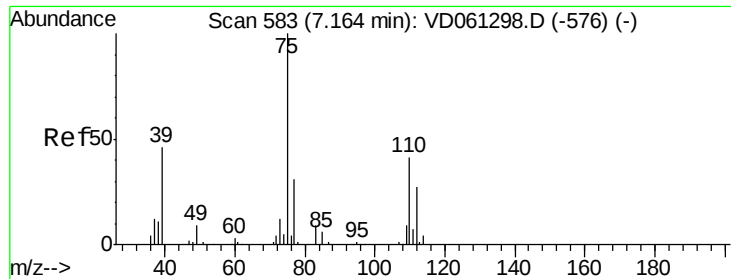
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. -0.00 min
 Lab File: VD061302.D
 Acq: 25 Mar 2019 14:35

Tgt Ion:113 Resp: 570142
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.7 125.5
 192 16.0 13.4 20.0



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

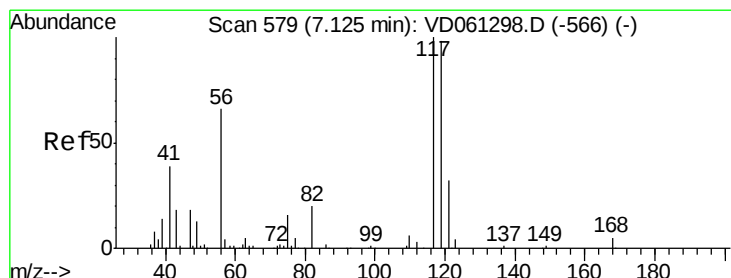
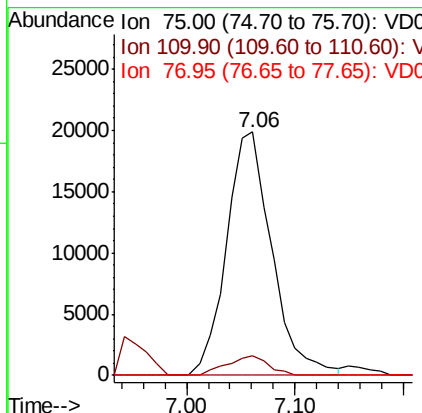
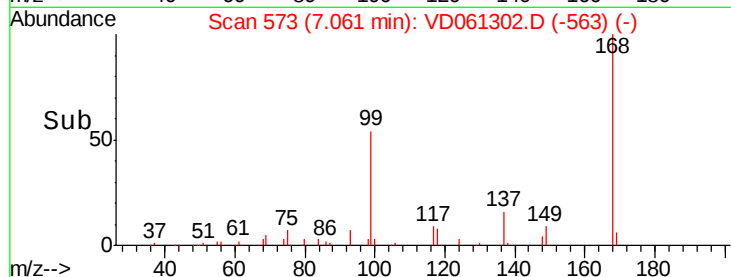
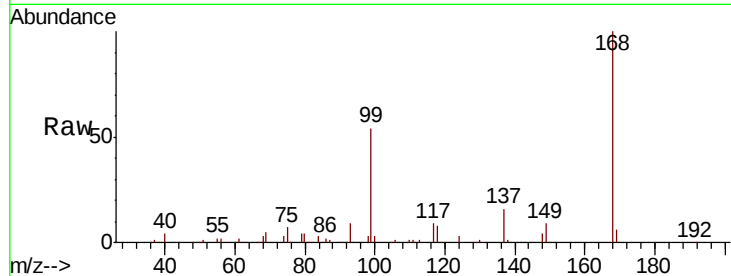




#36
 1,1-Dichloropropene
 Concen: 5.332 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.10 min
 Lab File: VD061302.D
 Acq: 25 Mar 2019 14:35

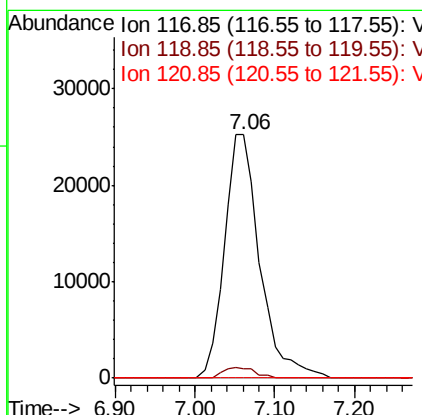
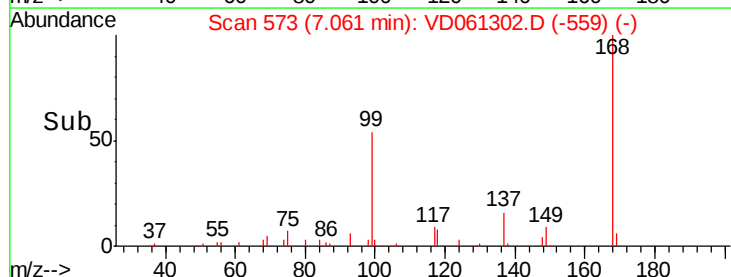
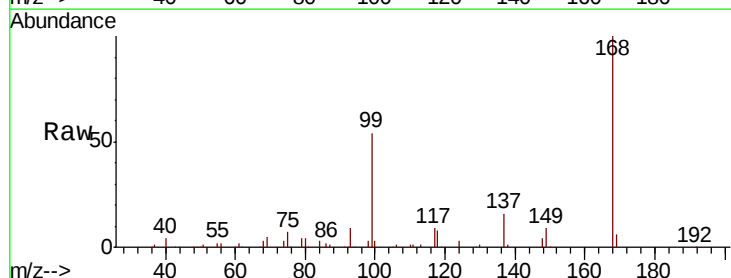
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBL01

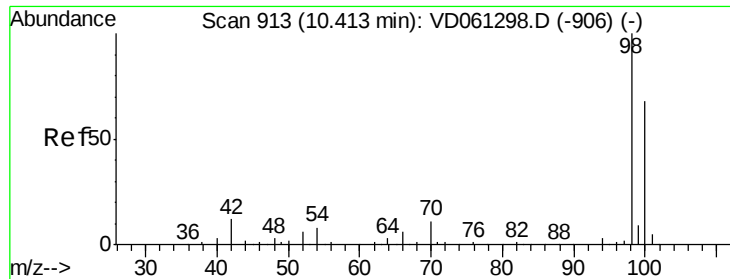
Tot Ion	Ratio	Lower	Upper
75	100		
110	7.8	20.1	60.2#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 6.279 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.06 min
 Lab File: VD061302.D
 Acq: 25 Mar 2019 14:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.7	78.4	117.6#
121	0.0	25.1	37.7#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD061302.D

Acq: 25 Mar 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

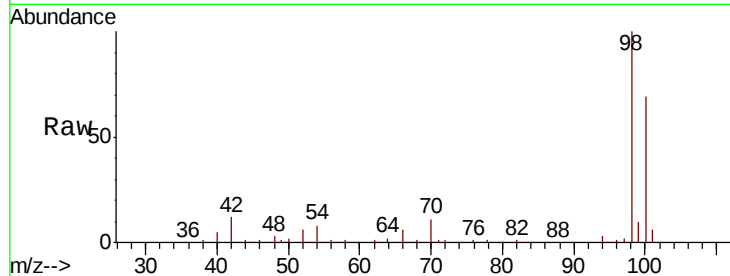
VD0325SBL01

Tot Ion: 98 Resp: 1347386

Ion Ratio Lower Upper

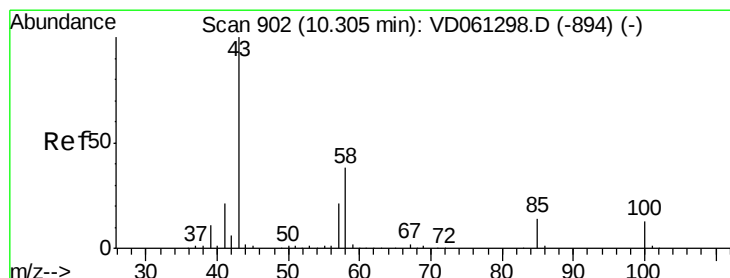
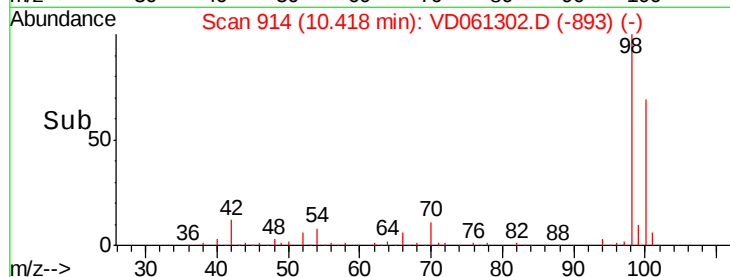
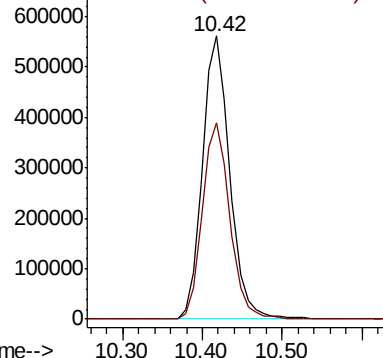
98 100

100 69.4 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#51

4-Methyl-2-Pentanone

Concen: 1.912 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.10 min

Lab File: VD061302.D

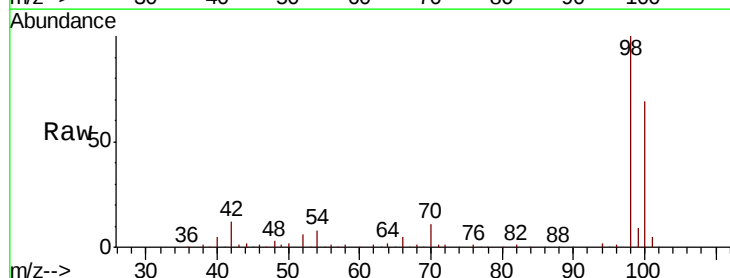
Acq: 25 Mar 2019 14:35

Tgt Ion: 43 Resp: 7467

Ion Ratio Lower Upper

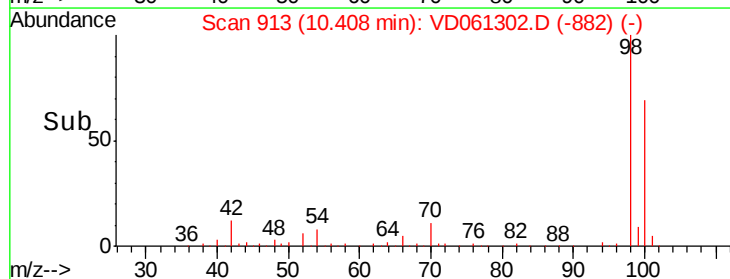
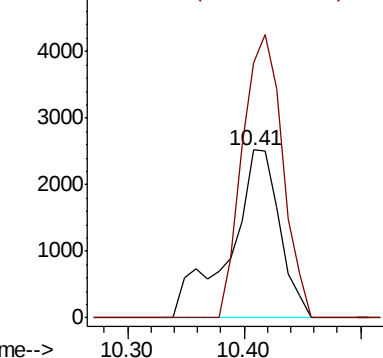
43 100

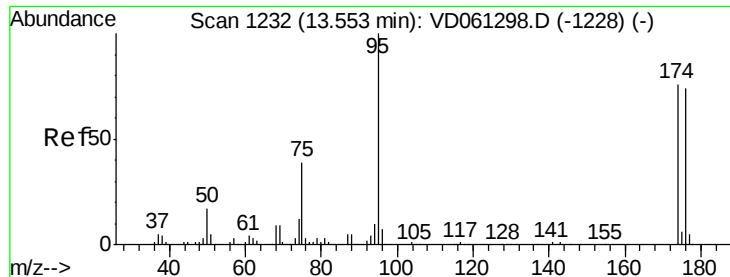
58 152.6 30.6 45.8#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

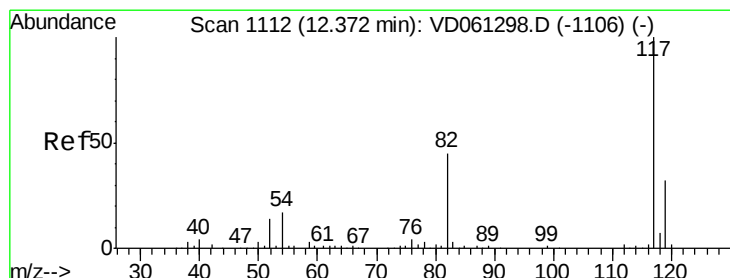
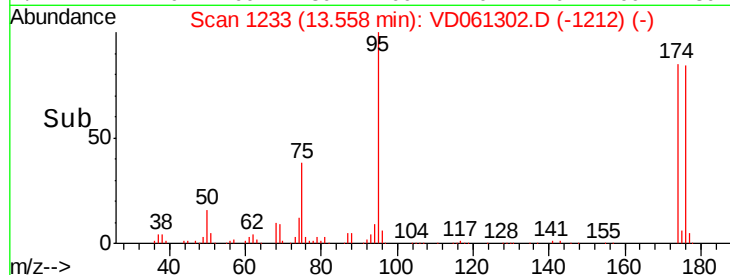
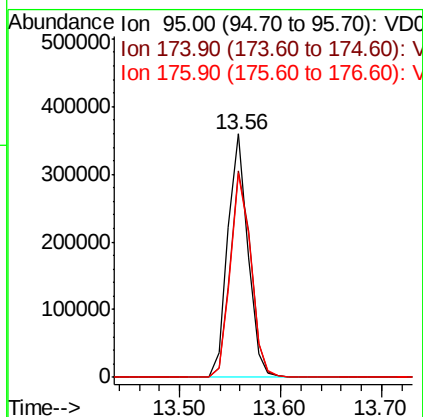
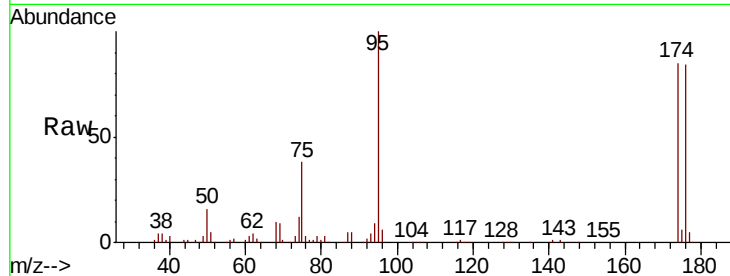




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061302.D
Acq: 25 Mar 2019 14:35

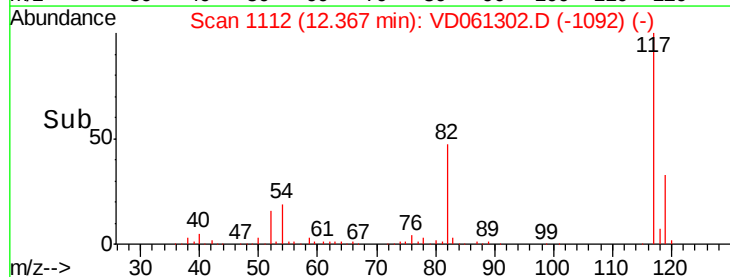
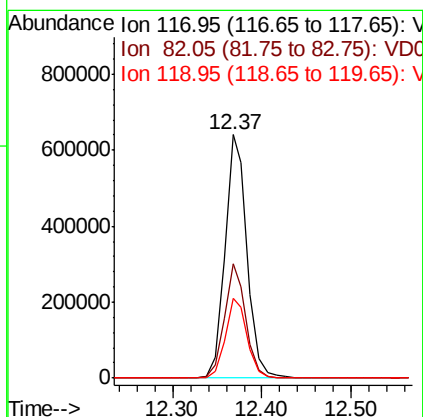
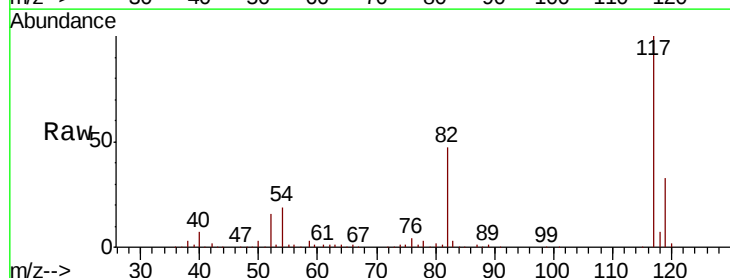
Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL01

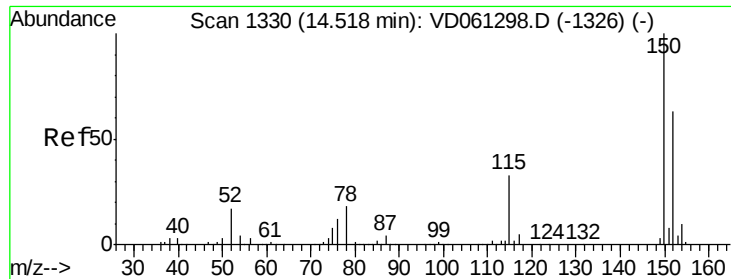
Tot Ion: 95 Resp: 498244
Ion Ratio Lower Upper
95 100
174 84.7 0.0 151.8
176 84.0 0.0 148.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD061302.D
Acq: 25 Mar 2019 14:35

Tgt Ion: 117 Resp: 1112185
Ion Ratio Lower Upper
117 100
82 47.0 35.7 53.5
119 33.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061302.D

Acq: 25 Mar 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0325SBL01

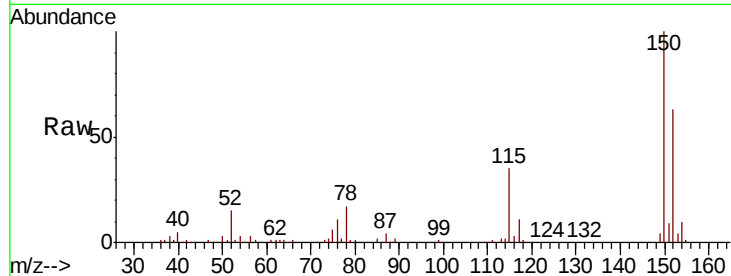
Tot Ion:152 Resp: 480150

Ion Ratio Lower Upper

152 100

115 55.7 29.2 87.6

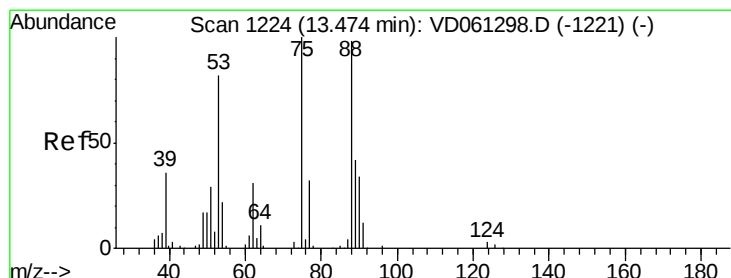
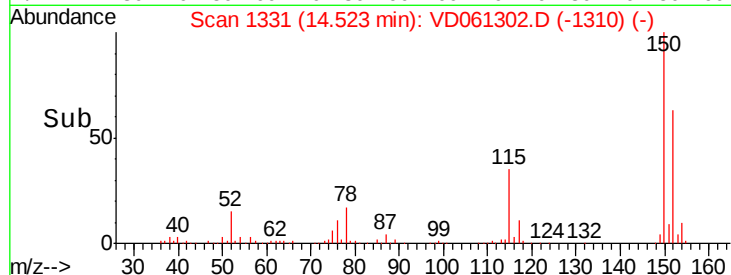
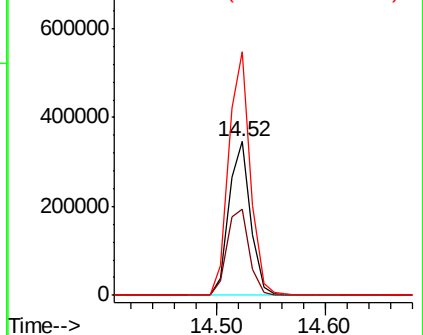
150 158.6 0.0 319.6



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: 98.450 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.08 min

Lab File: VD061302.D

Acq: 25 Mar 2019 14:35

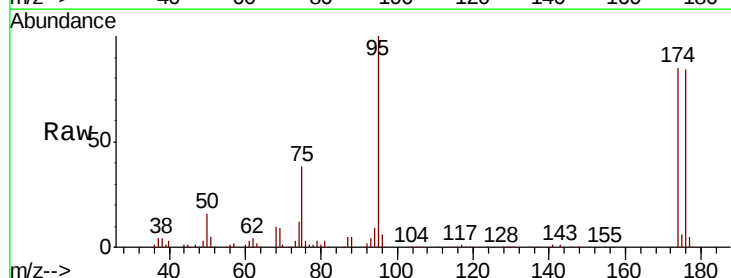
Tgt Ion: 75 Resp: 185525

Ion Ratio Lower Upper

75 100

53 0.0 65.3 97.9#

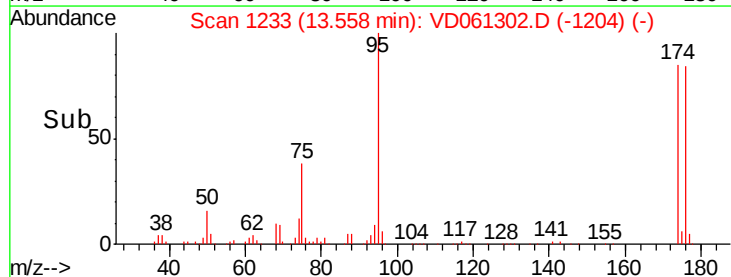
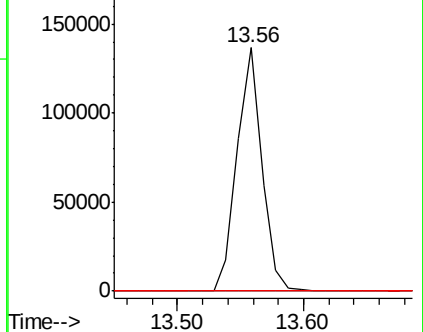
89 0.0 33.8 50.6#

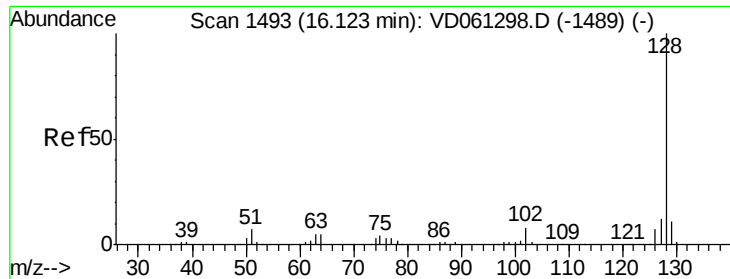


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC





#95

Naphthalene

Concen: 1.188 ug/l

RT: 16.13 min Scan# 1494

Delta R.T. 0.01 min

Lab File: VD061302.D

Acq: 25 Mar 2019 14:35

Instrument :

MSVOA_D

ClientSampleId :

VD0325SBL01

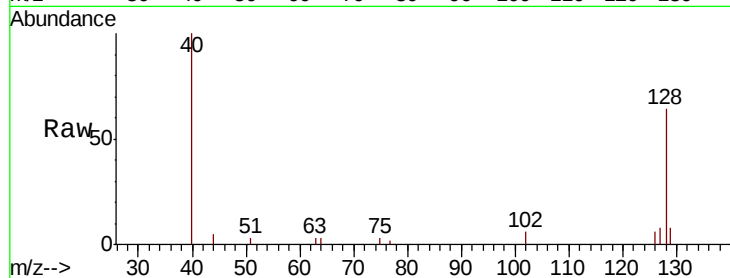
Tot Ion:128 Resp: 9878

Ion Ratio Lower Upper

128 100

127 12.8 9.8 14.6

129 12.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

