

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031919\
 Data File : VD061196.D
 Acq On : 19 Mar 2019 20:21
 Operator : VA/AP
 Sample : K1971-02
 Misc : 5.61g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8(14-15)-031519

Quant Time: Mar 20 01:56:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

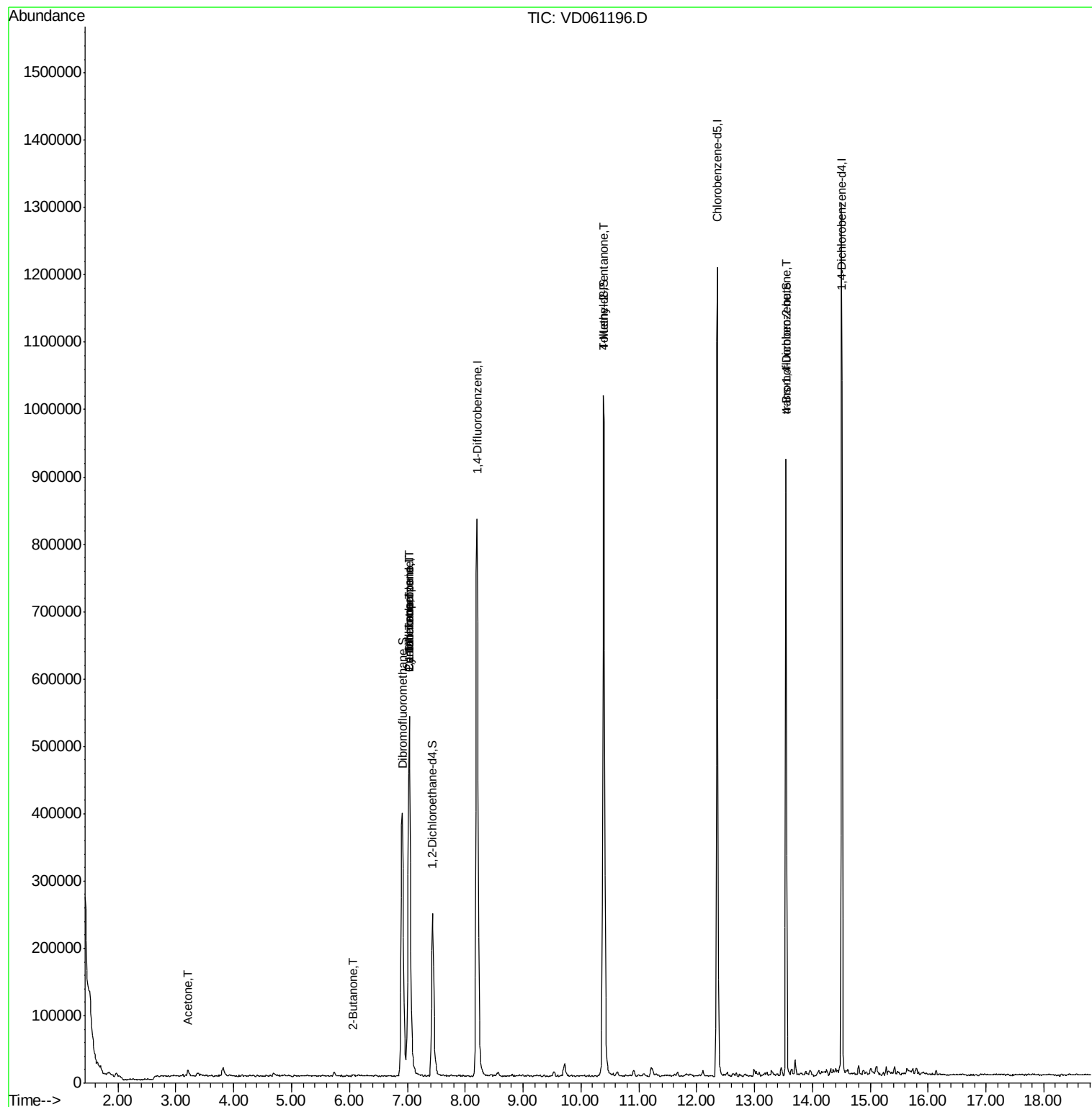
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	584073	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.20	114	1068597	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	806943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	318560	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	243728	50.13	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.26%	
35) Dibromofluoromethane	6.91	113	396753	50.03	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	100.06%	
50) Toluene-d8	10.39	98	932724	46.84	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	93.68%	
62) 4-Bromofluorobenzene	13.54	95	320297	41.45	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	82.90%	
Target Compounds						
16) Acetone	3.20	43	17734	12.756	ug/l	93
20) Methylene Chloride	3.81	84	10615	Below Cal	#	82
25) 2-Butanone	6.06	43	3717	2.356	ug/l #	55
31) Cyclohexane	7.03	56	10497	1.220	ug/l #	1
36) 1,1-Dichloropropene	7.03	75	42074	4.568	ug/l #	48
38) Carbon Tetrachloride	7.03	117	54448	5.366	ug/l #	15
51) 4-Methyl-2-Pentanone	10.39	43	5270	1.437	ug/l #	1
81) trans-1,4-Dichloro-2-buten	13.54	75	115347	85.368	ug/l #	17

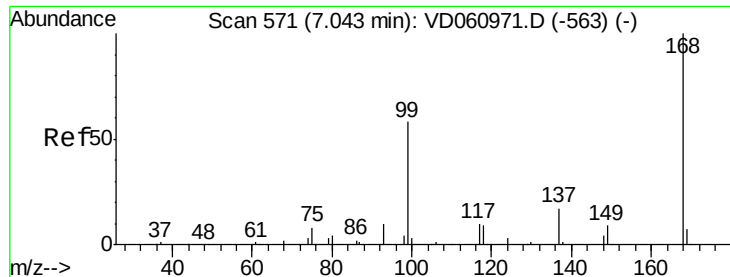
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031919\
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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD061196.D

Acq: 19 Mar 2019 20:21

Instrument :

MSVOA_D

ClientSampleId :

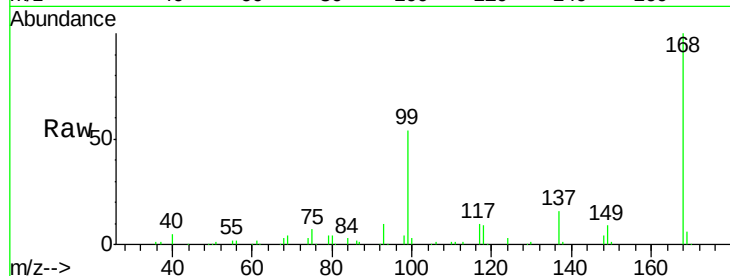
SB-8(14-15)-031519

Tot Ion:168 Resp: 584073

Ion Ratio Lower Upper

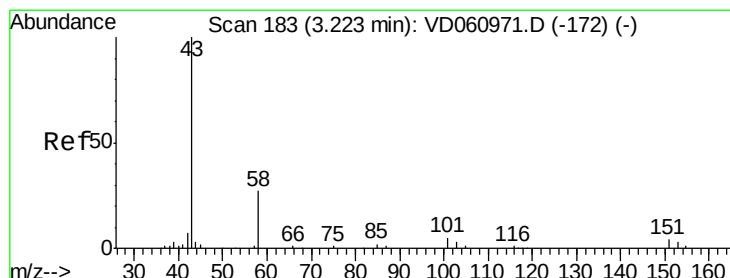
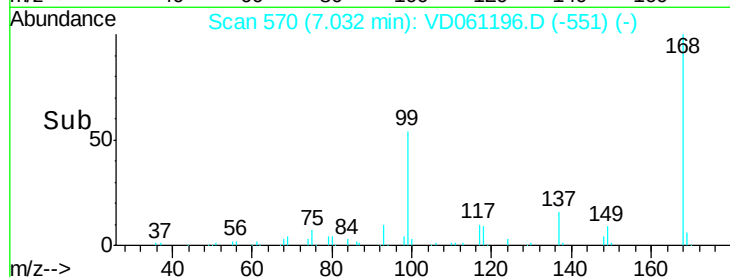
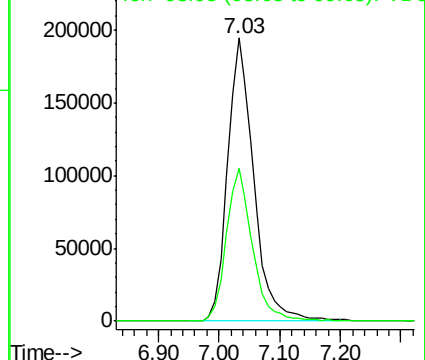
168 100

99 53.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 12.756 ug/l

RT: 3.20 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD061196.D

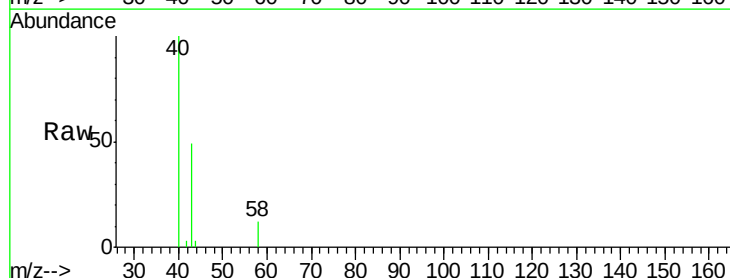
Acq: 19 Mar 2019 20:21

Tgt Ion: 43 Resp: 17734

Ion Ratio Lower Upper

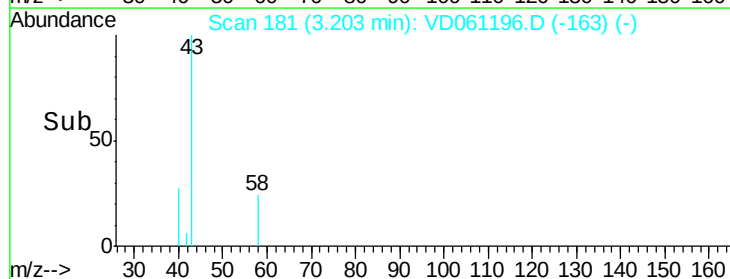
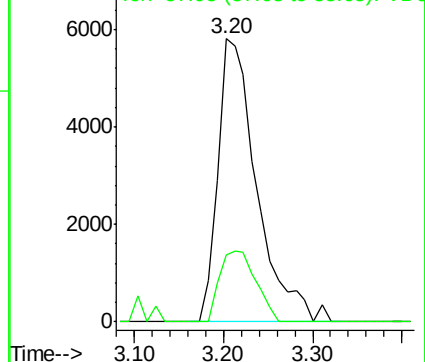
43 100

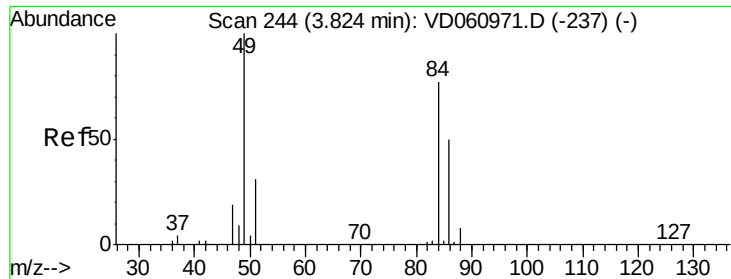
58 23.5 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

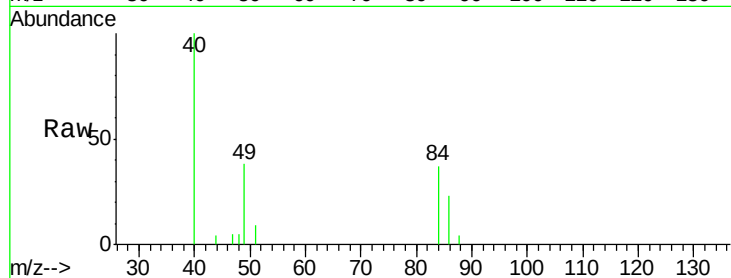




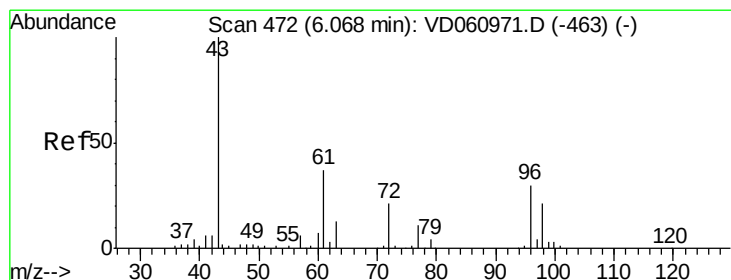
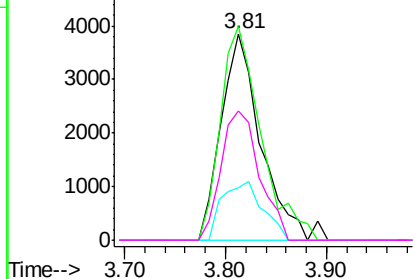
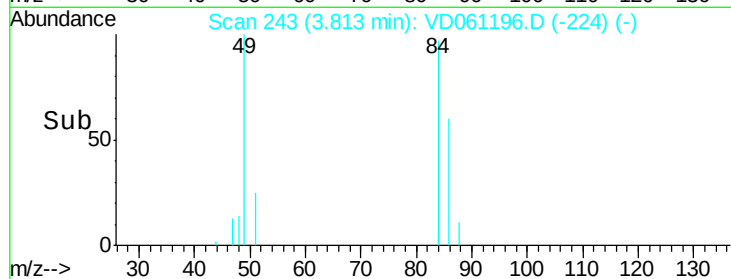
#20
Methylene Chloride
Concen: Below Cal
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061196.D
Acq: 19 Mar 2019 20:21

Instrument :
MSVOA_D
ClientSampleId :
SB-8(14-15)-031519

Tot Ion: 84 Resp: 10615
Ion Ratio Lower Upper
84 100
49 103.6 104.2 156.2#
51 25.6 32.3 48.5#
86 62.6 52.3 78.5

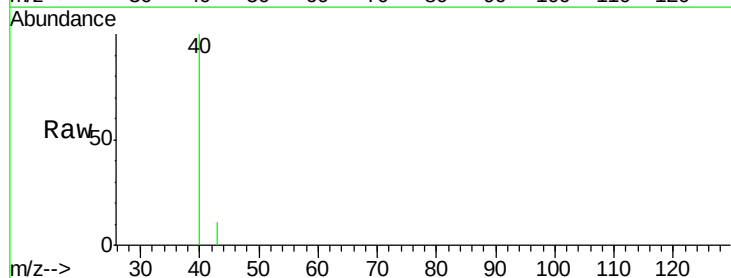


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

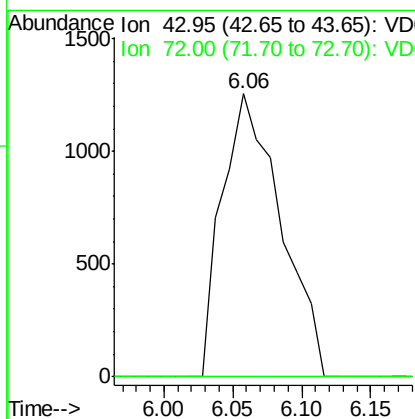
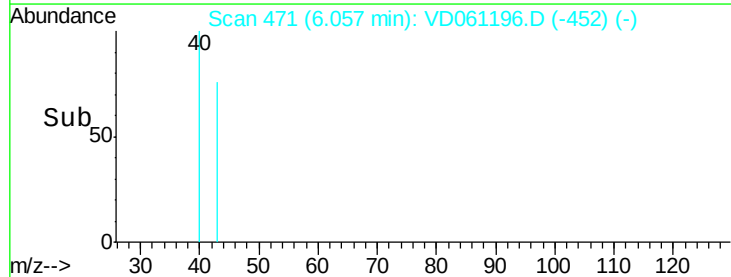


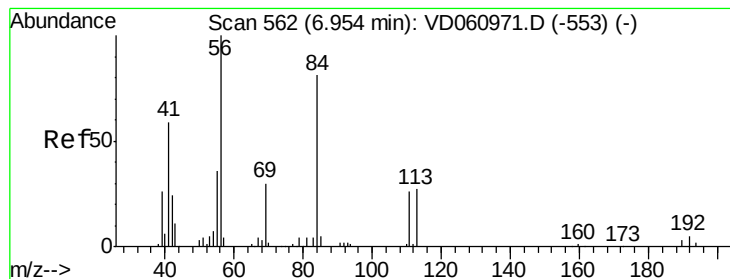
#25
2-Butanone
Concen: 2.356 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.01 min
Lab File: VD061196.D
Acq: 19 Mar 2019 20:21

Tgt Ion: 43 Resp: 3717
Ion Ratio Lower Upper
43 100
72 0.0 16.7 25.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.220 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.08 min

Lab File: VD061196.D

Acq: 19 Mar 2019 20:21

Instrument :

MSVOA_D

ClientSampleId :

SB-8(14-15)-031519

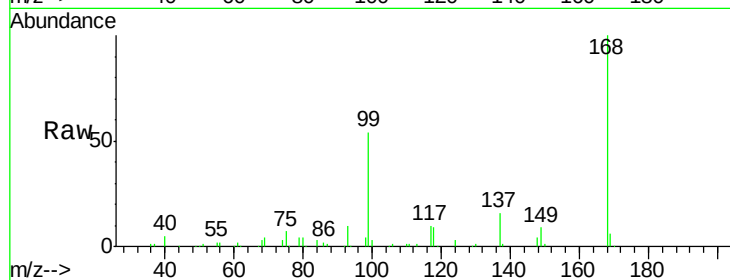
Tot Ion: 56 Resp: 10497

Ion Ratio Lower Upper

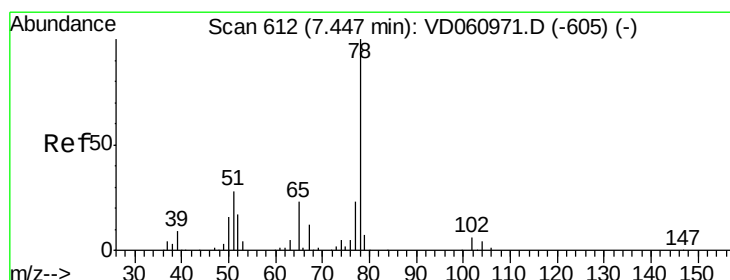
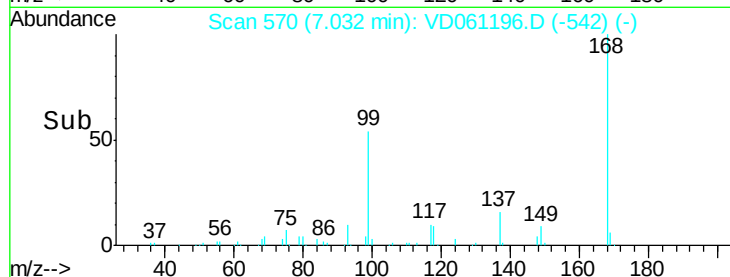
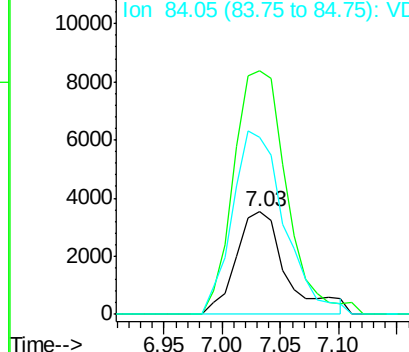
56 100

69 238.2 24.0 36.0#

84 173.1 65.8 98.6#



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: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD061196.D

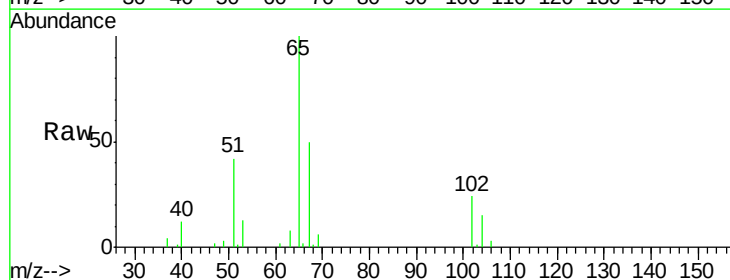
Acq: 19 Mar 2019 20:21

Tgt Ion: 65 Resp: 243728

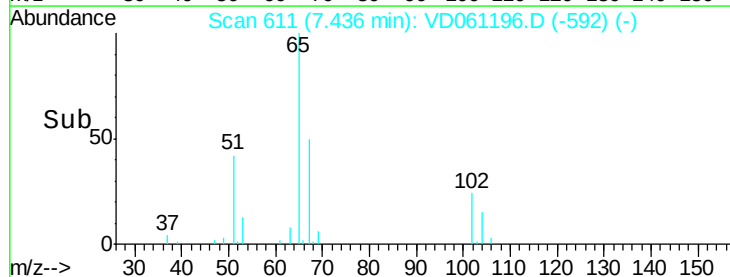
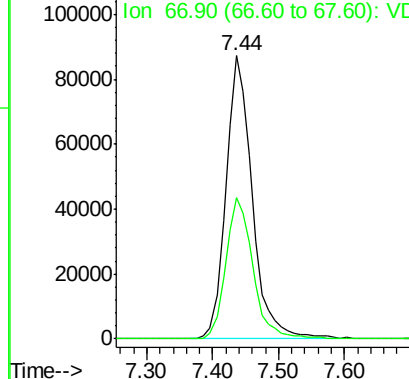
Ion Ratio Lower Upper

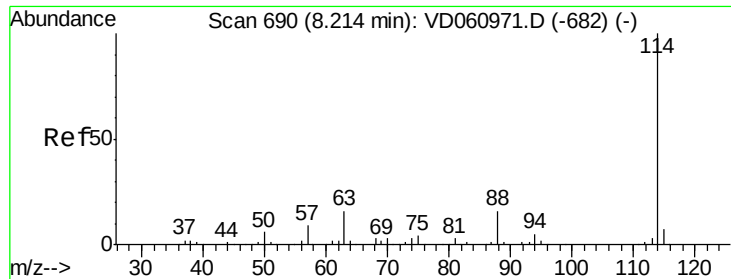
65 100

67 50.0 0.0 105.2



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

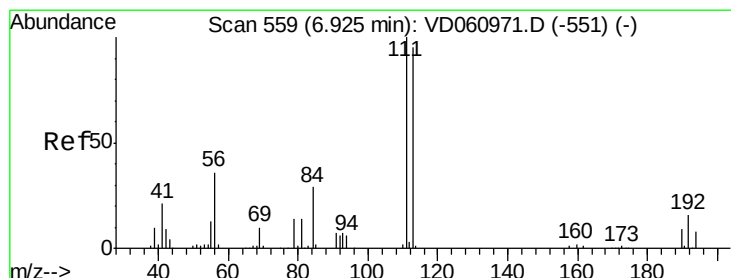
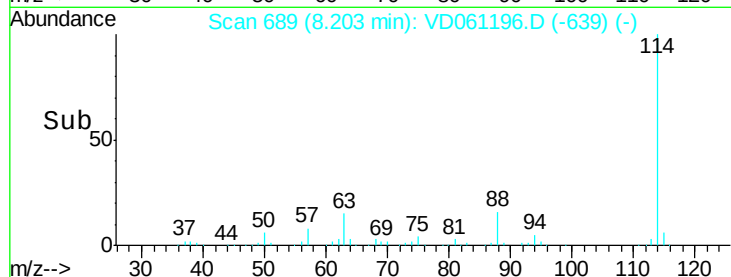
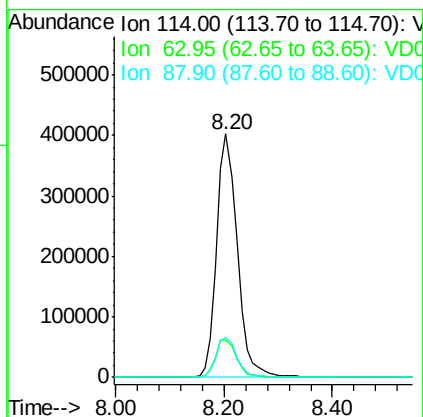
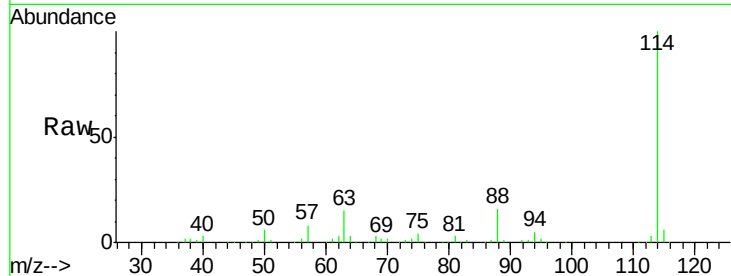




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061196.D
 Acq: 19 Mar 2019 20:21

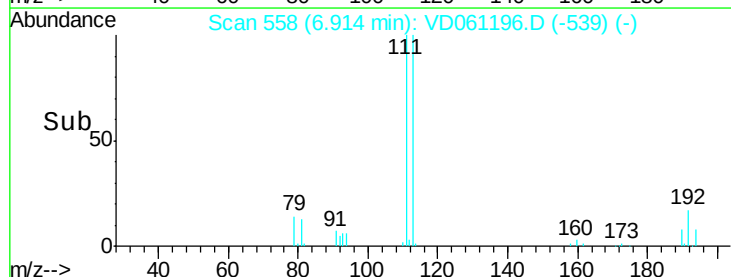
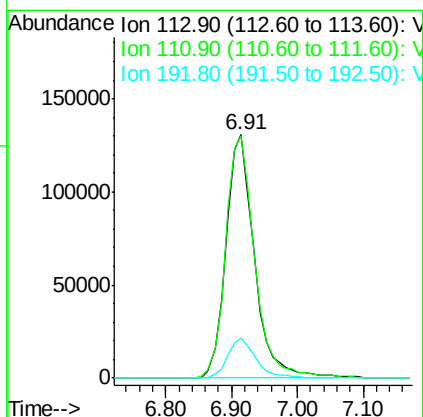
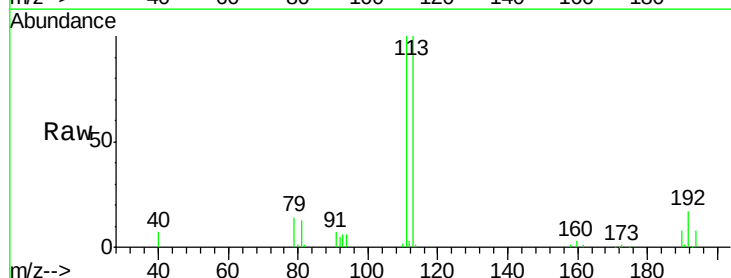
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8(14-15)-031519

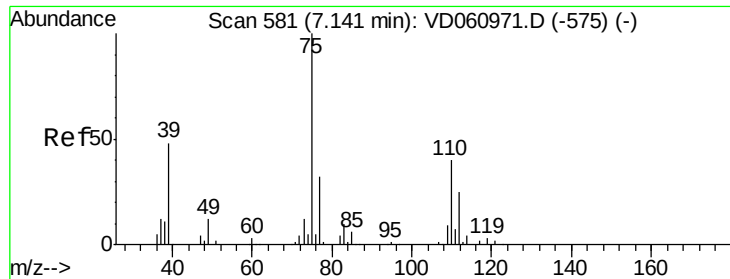
Tot Ion:114 Resp: 1068597
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.4
 88 16.4 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061196.D
 Acq: 19 Mar 2019 20:21

Tgt Ion:113 Resp: 396753
 Ion Ratio Lower Upper
 113 100
 111 99.7 84.2 126.4
 192 16.6 13.1 19.7

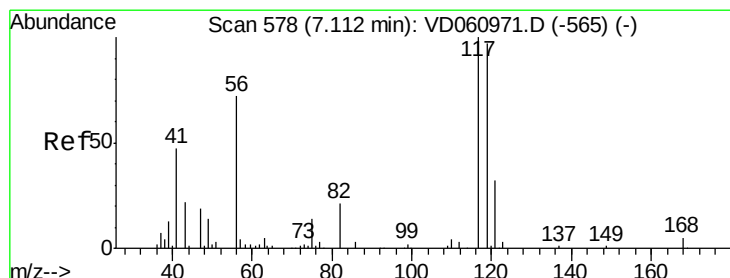
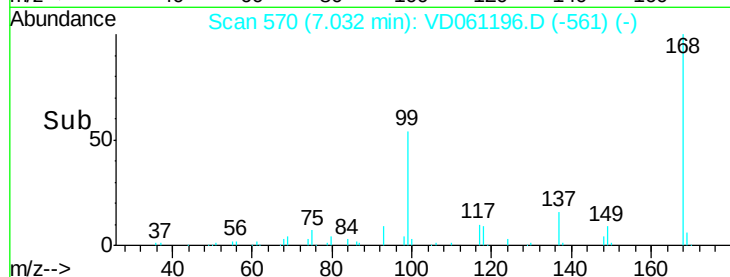
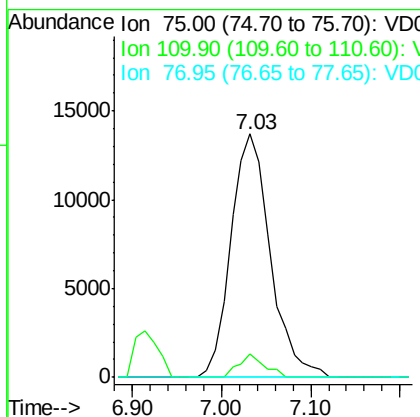
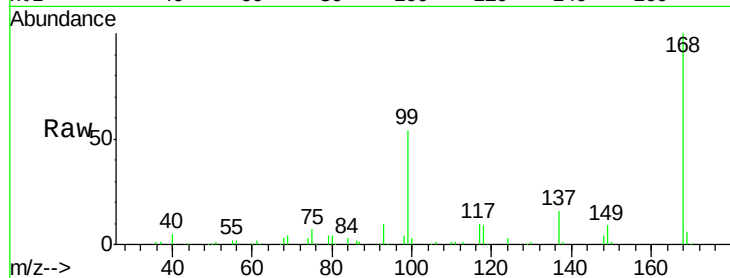




#36
 1,1-Dichloropropene
 Concen: 4.568 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.11 min
 Lab File: VD061196.D
 Acq: 19 Mar 2019 20:21

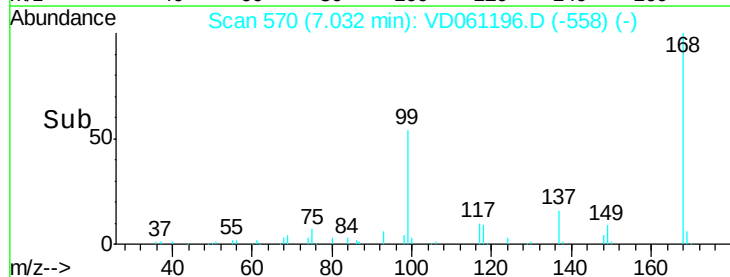
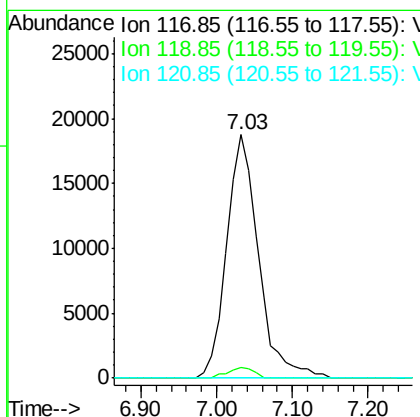
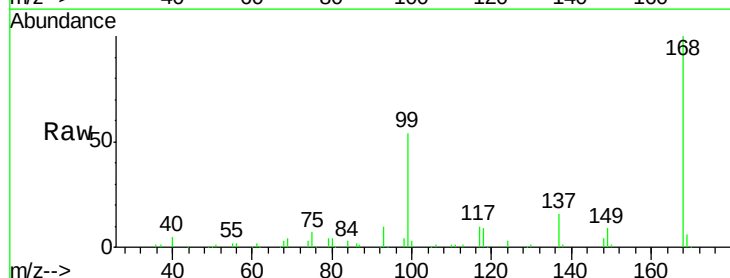
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-8(14-15)-031519

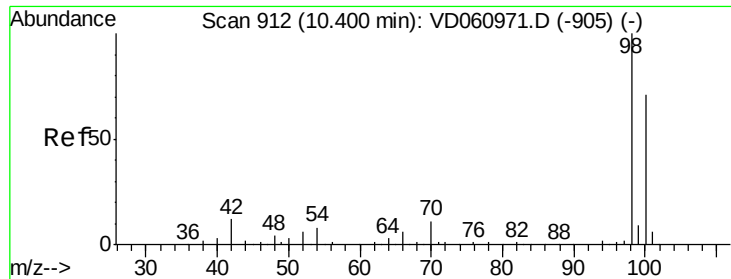
Tot Ion	75	Resp	42074
Ion Ratio	Lower	Upper	
75	100		
110	9.6	19.7	59.1#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.366 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD061196.D
 Acq: 19 Mar 2019 20:21

Tgt Ion	117	Resp	54448
Ion Ratio	Lower	Upper	
117	100		
119	4.6	77.8	116.8#
121	0.0	25.3	37.9#

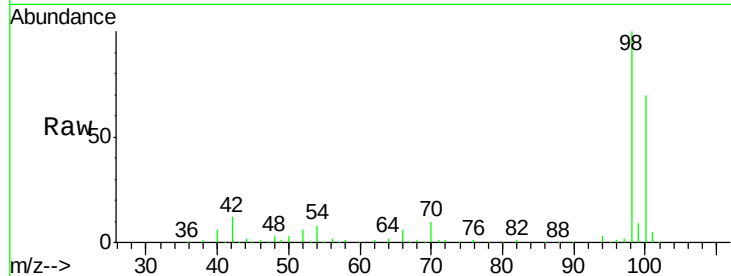




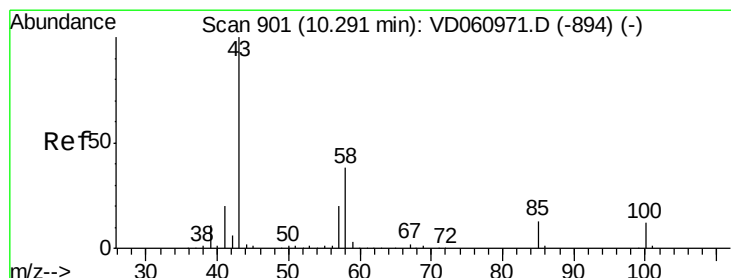
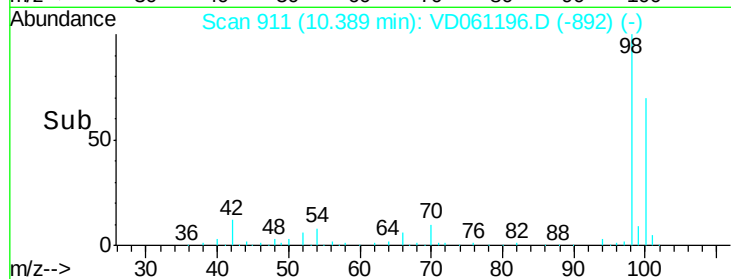
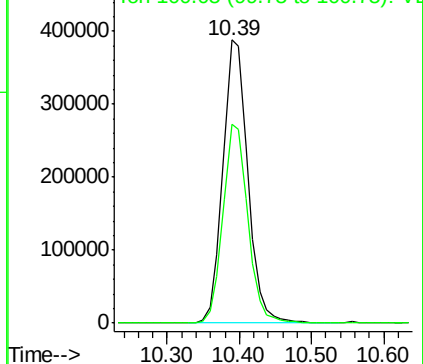
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061196.D
Acq: 19 Mar 2019 20:21

Instrument :
MSVOA_D
ClientSampleId :
SB-8(14-15)-031519

Tot Ion: 98 Resp: 932724
Ion Ratio Lower Upper
98 100
100 70.2 57.4 86.2

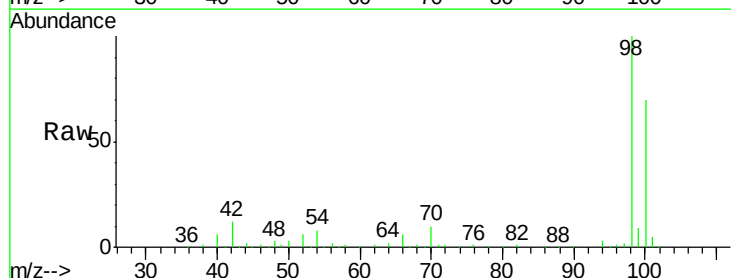


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

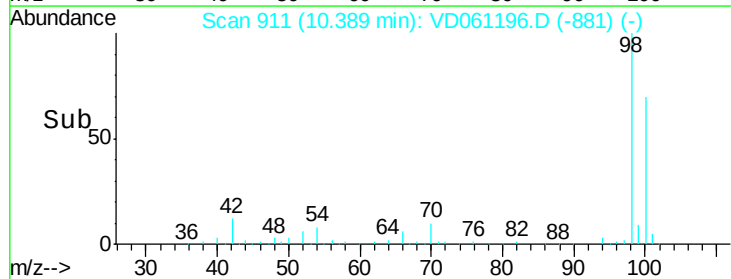
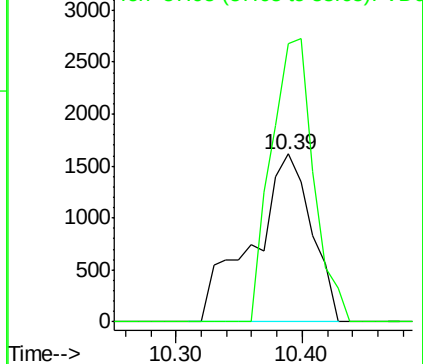


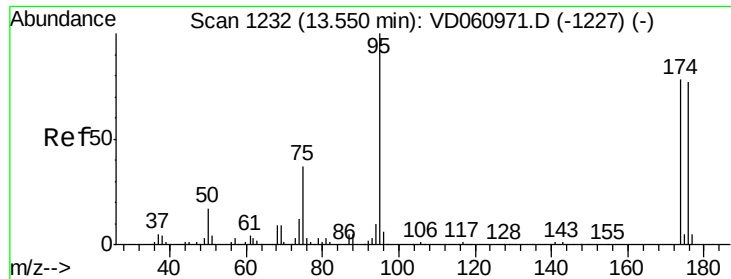
#51
4-Methyl-2-Pentanone
Concen: 1.437 ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.10 min
Lab File: VD061196.D
Acq: 19 Mar 2019 20:21

Tgt Ion: 43 Resp: 5270
Ion Ratio Lower Upper
43 100
58 165.6 30.2 45.2#



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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061196.D

Acq: 19 Mar 2019 20:21

Instrument :

MSVOA_D

ClientSampleId :

SB-8(14-15)-031519

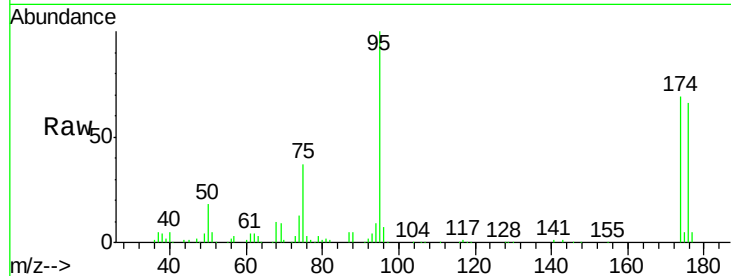
Tot Ion: 95 Resp: 320297

Ion Ratio Lower Upper

95 100

174 68.6 0.0 155.6

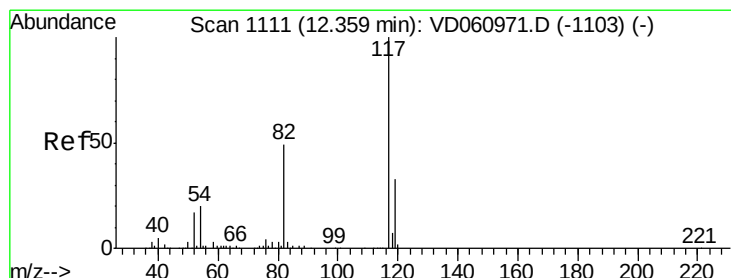
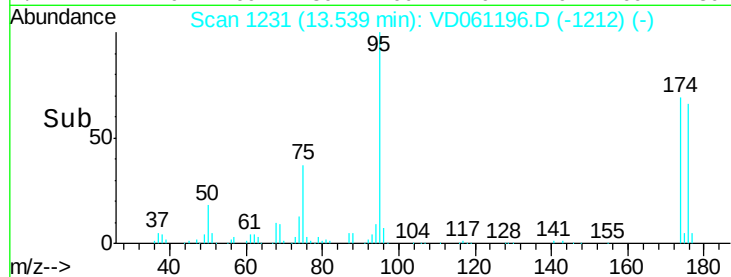
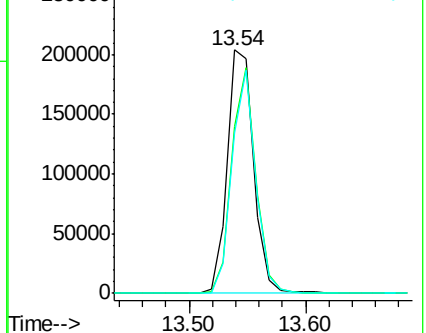
176 65.7 0.0 153.8



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: 12.36 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD061196.D

Acq: 19 Mar 2019 20:21

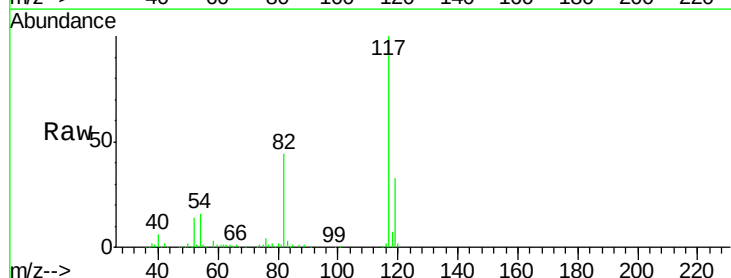
Tgt Ion: 117 Resp: 806943

Ion Ratio Lower Upper

117 100

82 44.4 38.9 58.3

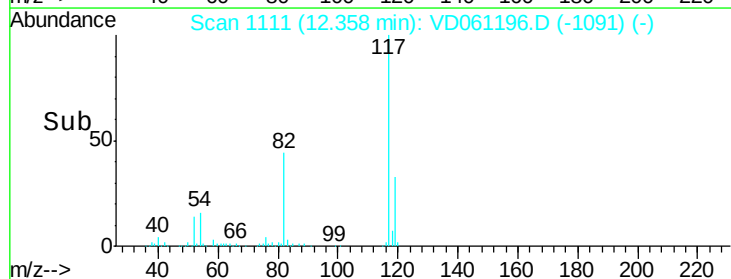
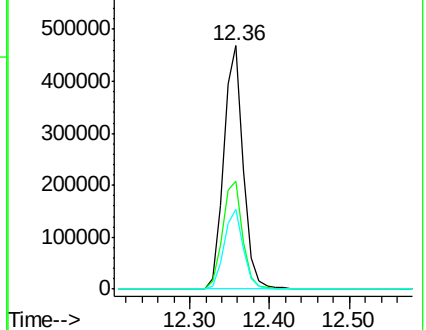
119 32.6 26.6 39.8

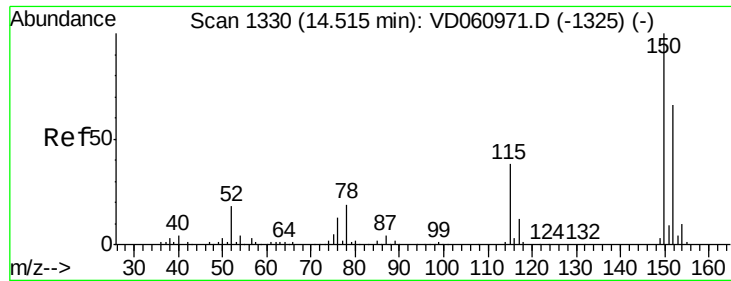


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V



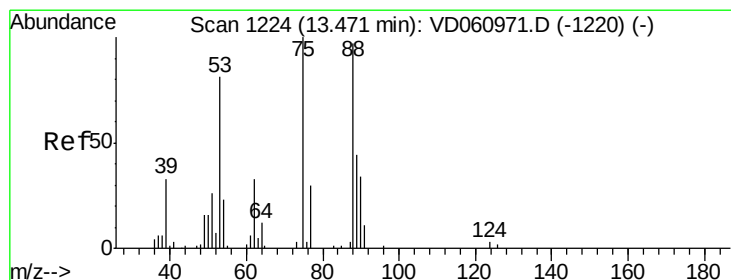
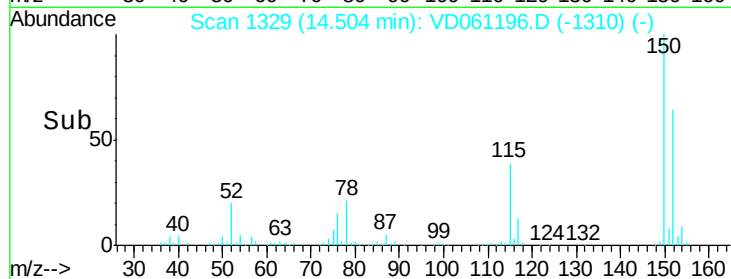
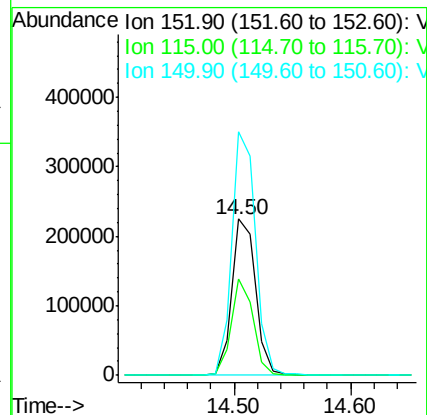
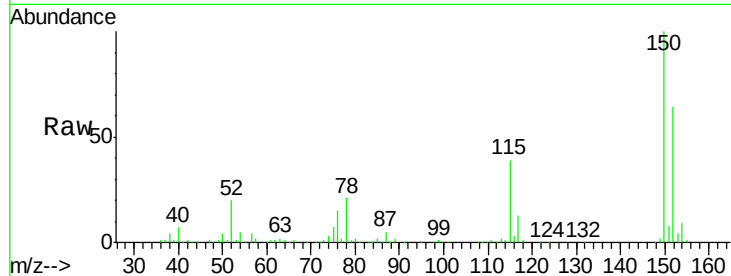


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061196.D
Acq: 19 Mar 2019 20:21

Instrument :
MSVOA_D
ClientSampleId :
SB-8(14-15)-031519

Tot Ion:152 Resp: 318560
Ion Ratio Lower Upper
152 100
115 61.3 28.6 85.9
150 155.7 0.0 310.6



#81

trans-1,4-Dichloro-2-butene
Concen: 85.368 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. 0.07 min
Lab File: VD061196.D
Acq: 19 Mar 2019 20:21

Tgt Ion: 75 Resp: 115347
Ion Ratio Lower Upper
75 100
53 0.0 64.4 96.6#
89 0.0 34.8 52.2#

