

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061743.D
 Acq On : 11 Apr 2019 16:16
 Operator : VA/AP
 Sample : K2200-03
 Misc : 7.27g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 12 01:01:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

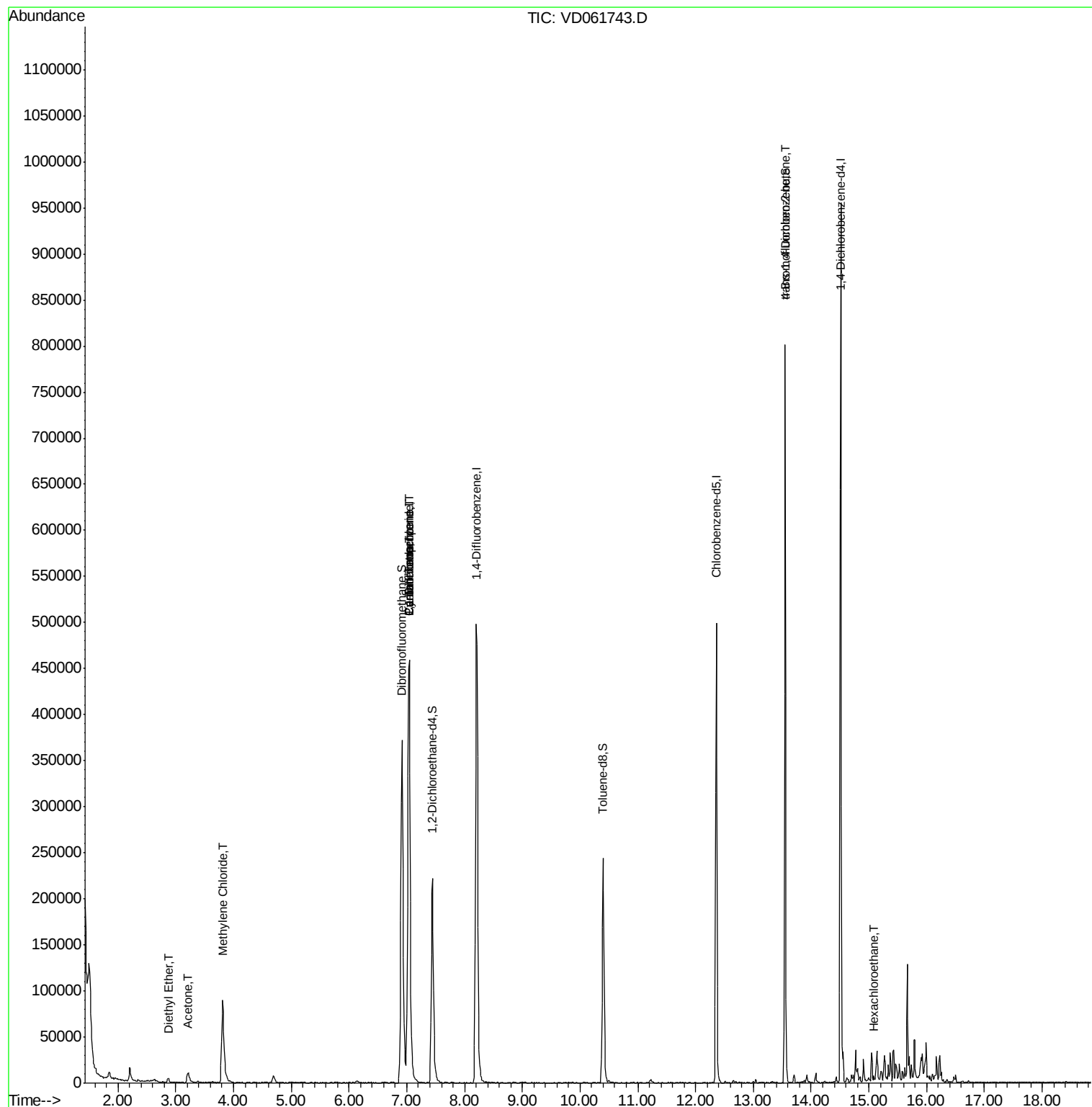
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	485363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	626026	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	310903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	215029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	229794	62.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.92%	
35) Dibromofluoromethane	6.91	113	353874	81.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	163.20%	
50) Toluene-d8	10.40	98	218858	20.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	40.18%	
62) 4-Bromofluorobenzene	13.55	95	237527	66.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.98%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.87	74	2155	1.286	ug/l	90
16) Acetone	3.21	43	24059	21.876	ug/l	97
20) Methylene Chloride	3.81	84	71257	11.418	ug/l	94
31) Cyclohexane	7.04	56	8783	1.268	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	35077	6.402	ug/l #	47
38) Carbon Tetrachloride	7.03	117	45703	7.117	ug/l #	15
81) trans-1,4-Dichloro-2-buten	13.55	75	89429	100.737	ug/l #	20
90) Hexachloroethane	15.08	117	3986	1.143	ug/l #	26

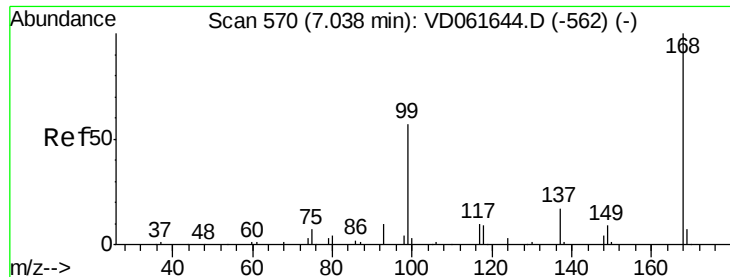
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
Data File : VD061743.D
Acq On : 11 Apr 2019 16:16
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Misc : 7.27g/5ml/MSVOA D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Apr 12 01:01:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061743.D

Acq: 11 Apr 2019 16:16

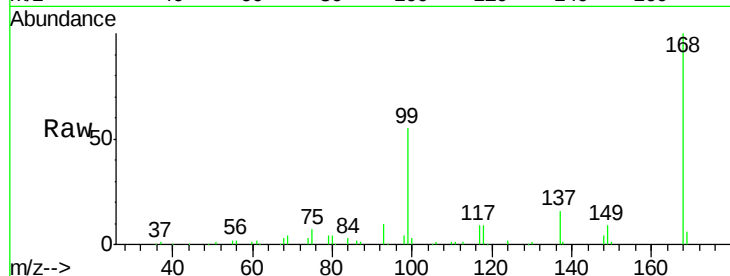
Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:168 Resp: 485363

Ion Ratio Lower Upper

168 100

99 54.8 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

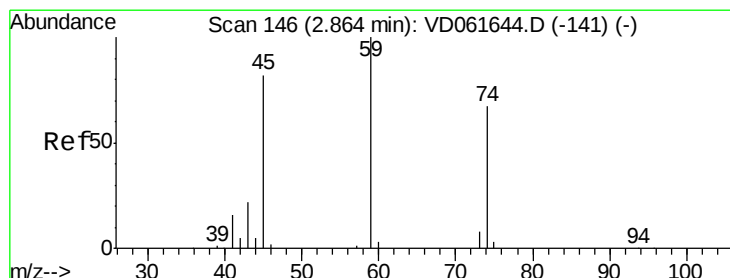
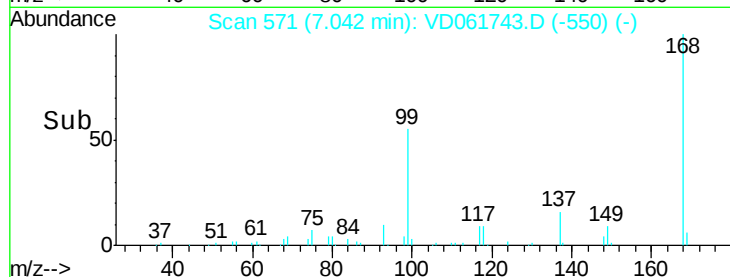
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#8

Diethyl Ether

Concen: 1.286 ug/l

RT: 2.87 min Scan# 147

Delta R.T. 0.00 min

Lab File: VD061743.D

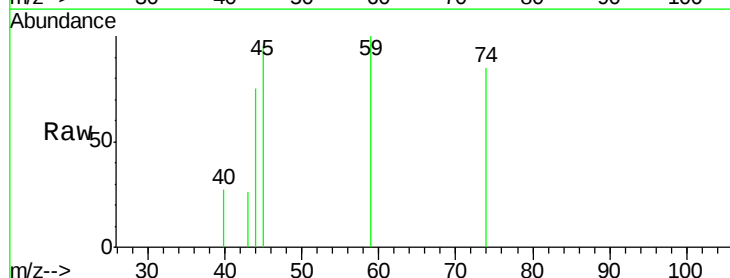
Acq: 11 Apr 2019 16:16

Tgt Ion: 74 Resp: 2155

Ion Ratio Lower Upper

74 100

45 111.1 61.0 183.0



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC

2.87

1500

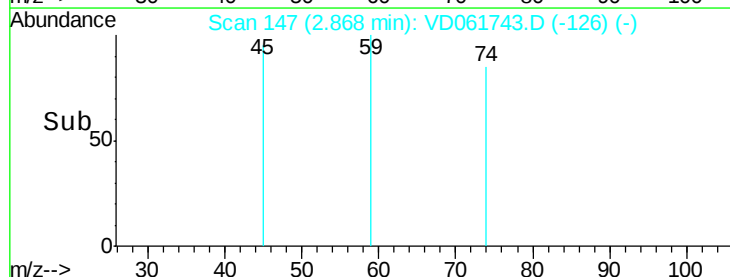
1000

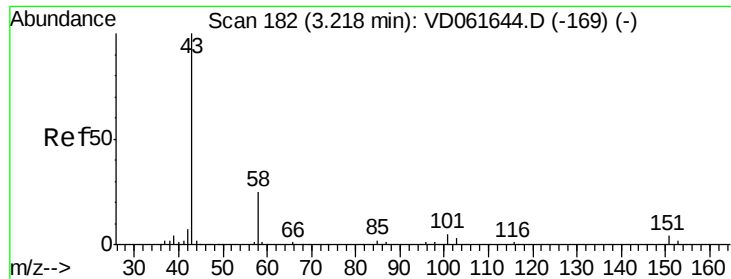
500

0

Time-->

2.80 2.85 2.90

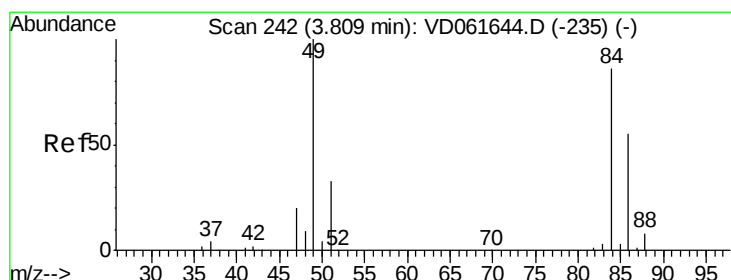
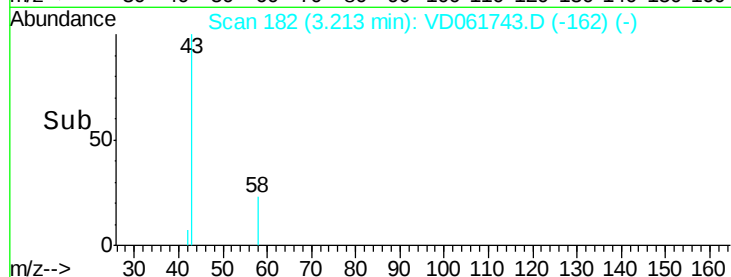
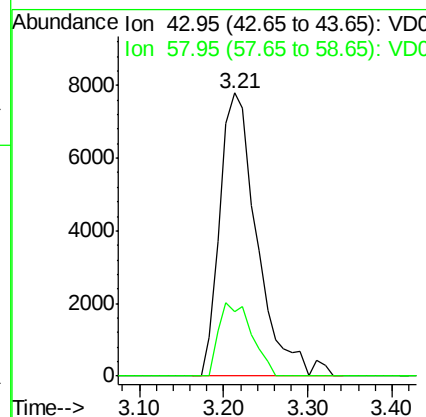
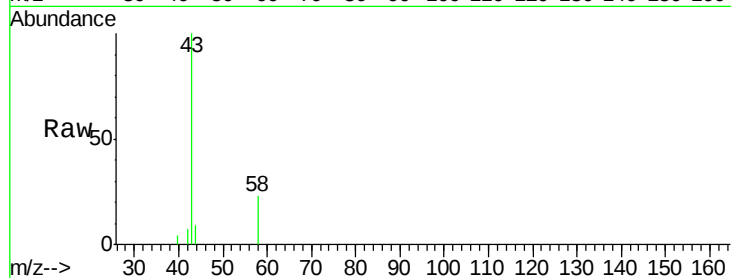




#16
Acetone
Concen: 21.876 ug/l
RT: 3.21 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD061743.D
Acq: 11 Apr 2019 16:16

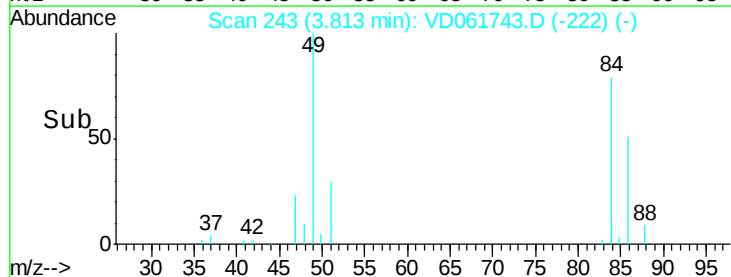
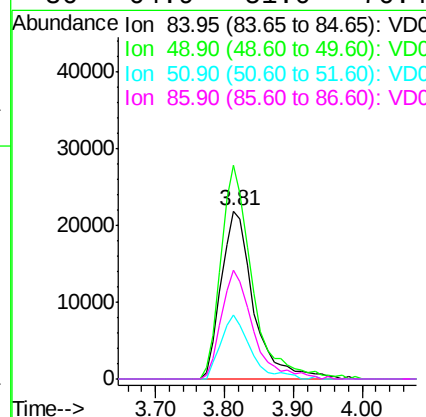
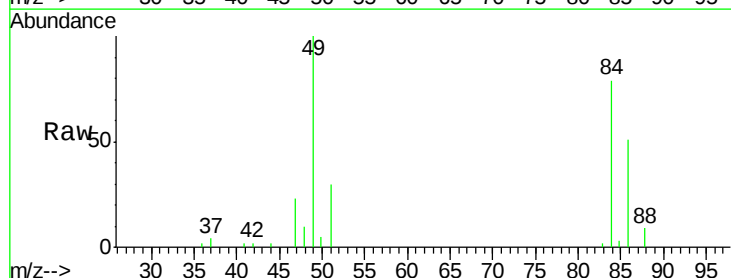
Instrument :
MSVOA_D
ClientSampleId :

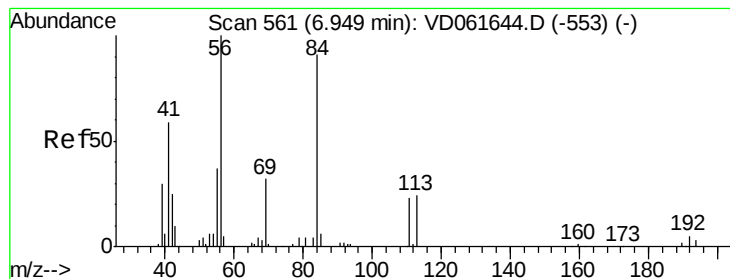
Tot Ion: 43 Resp: 24059
Ion Ratio Lower Upper
43 100
58 22.9 19.7 29.5



#20
Methylene Chloride
Concen: 11.418 ug/l
RT: 3.81 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061743.D
Acq: 11 Apr 2019 16:16

Tgt Ion: 84 Resp: 71257
Ion Ratio Lower Upper
84 100
49 126.9 93.0 139.4
51 37.8 30.4 45.6
86 64.9 51.0 76.4





#31

Cyclohexane

Concen: 1.268 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.09 min

Lab File: VD061743.D

Acq: 11 Apr 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

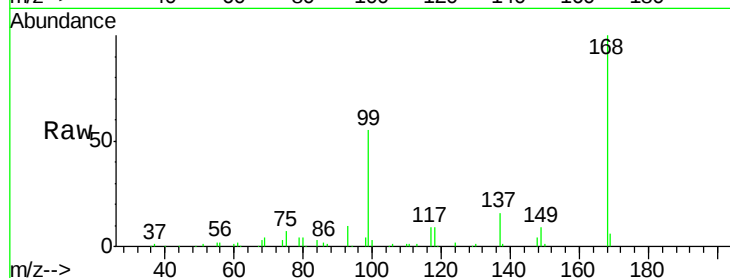
Tot Ion: 56 Resp: 8783

Ion Ratio Lower Upper

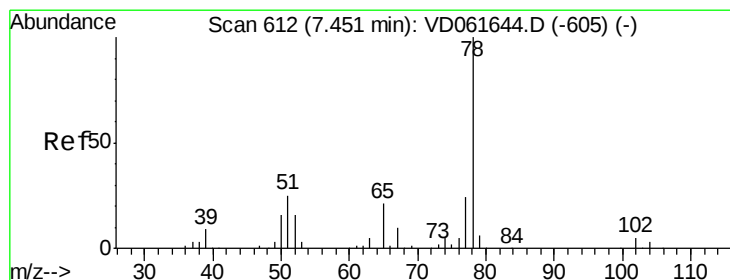
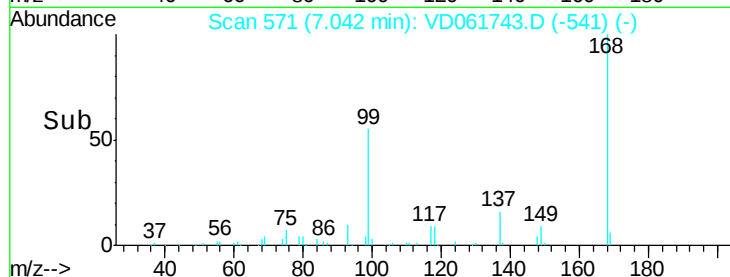
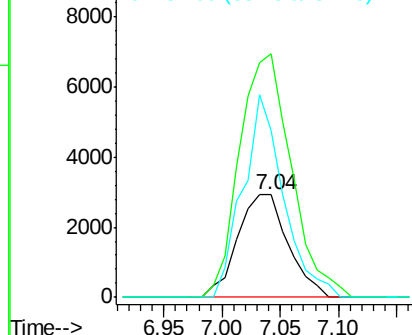
56 100

69 237.6 25.8 38.6#

84 163.0 74.2 111.2#



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: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061743.D

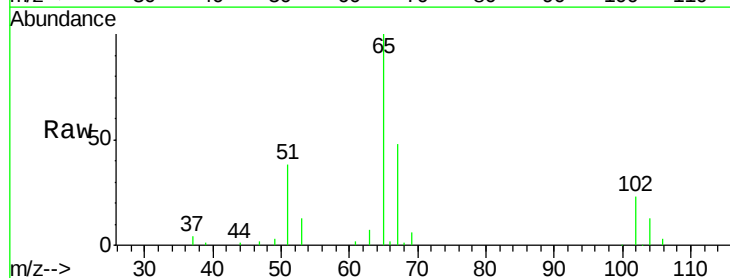
Acq: 11 Apr 2019 16:16

Tgt Ion: 65 Resp: 229794

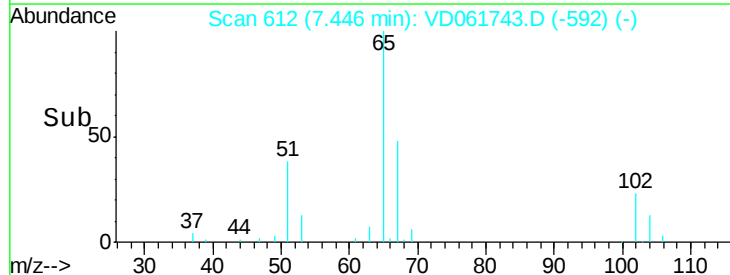
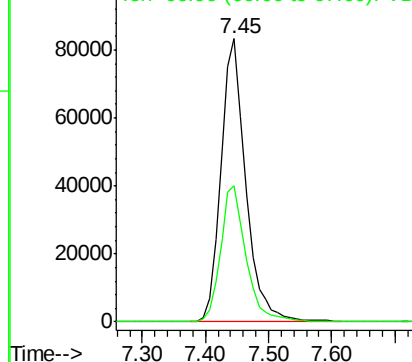
Ion Ratio Lower Upper

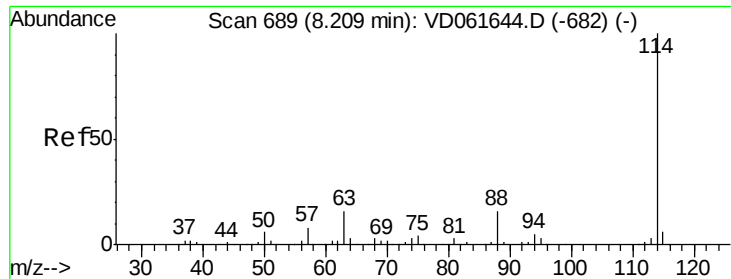
65 100

67 48.2 0.0 99.4



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

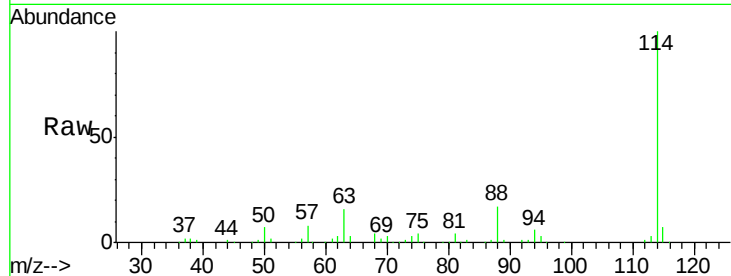




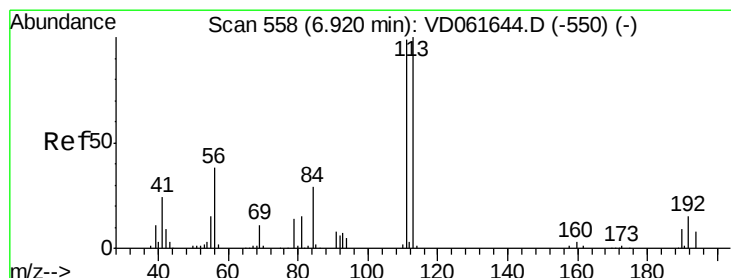
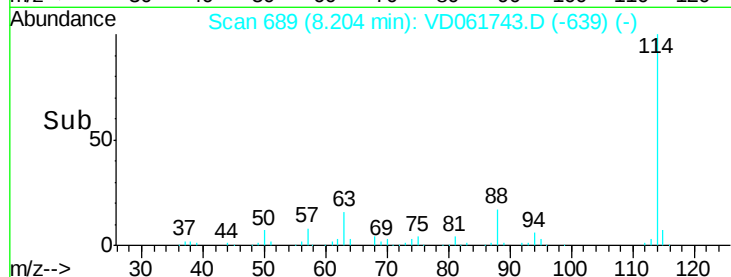
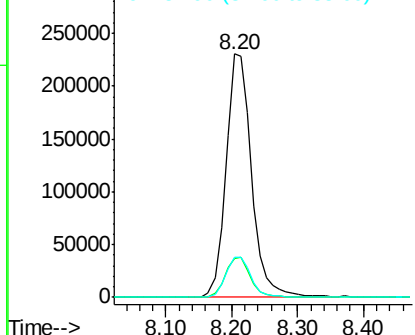
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD061743.D
 Acq: 11 Apr 2019 16:16

Instrument :
 MSVOA_D
 ClientSampleId :

Tot Ion:114 Resp: 626026
 Ion Ratio Lower Upper
 114 100
 63 16.0 0.0 31.2
 88 16.5 0.0 31.8

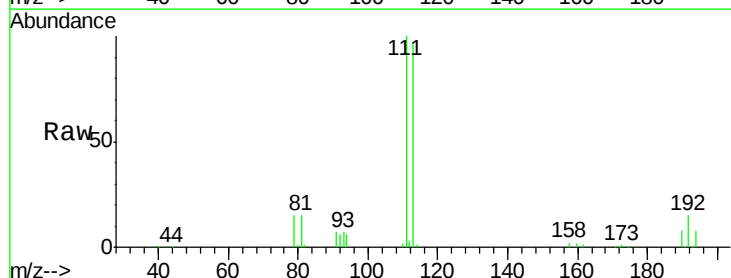


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

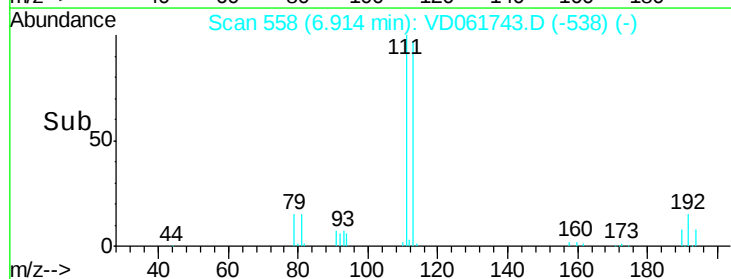
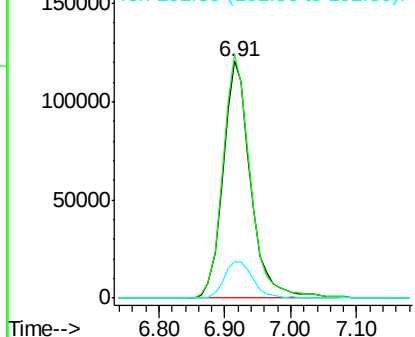


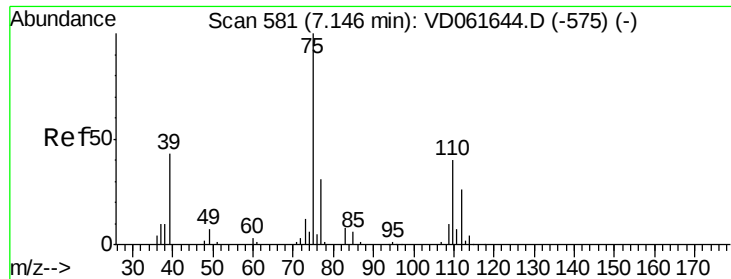
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061743.D
 Acq: 11 Apr 2019 16:16

Tgt Ion:113 Resp: 353874
 Ion Ratio Lower Upper
 113 100
 111 102.8 79.3 118.9
 192 15.3 12.3 18.5



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

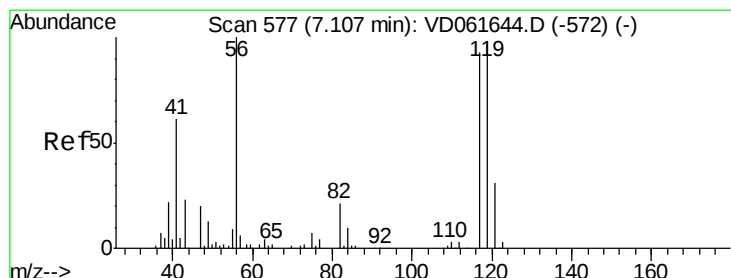
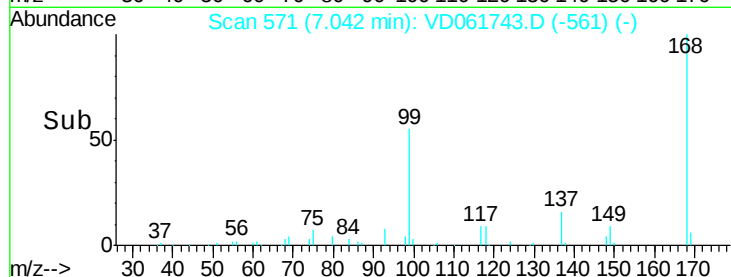
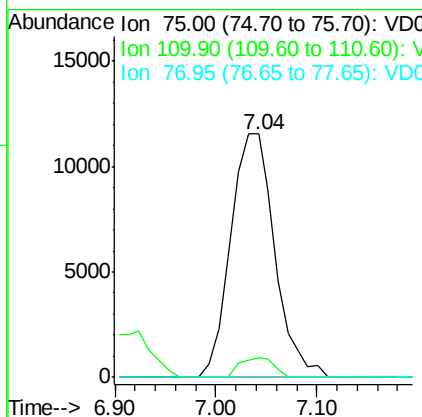
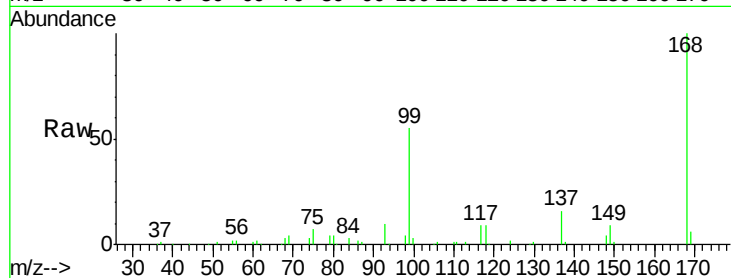




#36
 1,1-Dichloropropene
 Concen: 6.402 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.10 min
 Lab File: VD061743.D
 Acq: 11 Apr 2019 16:16

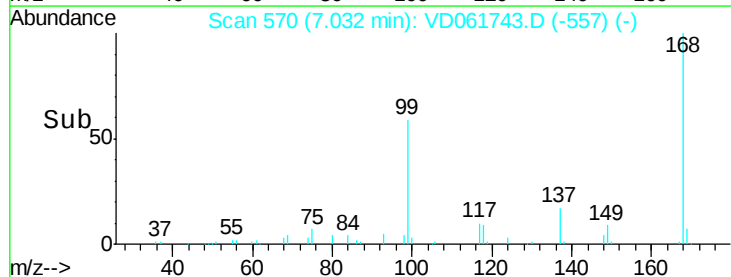
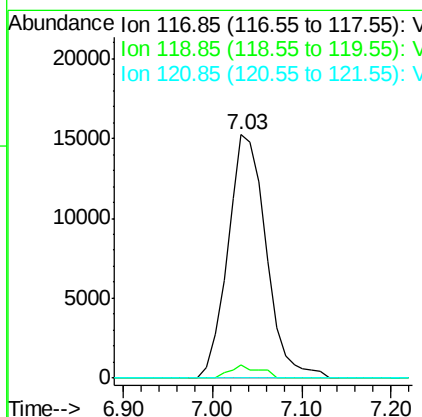
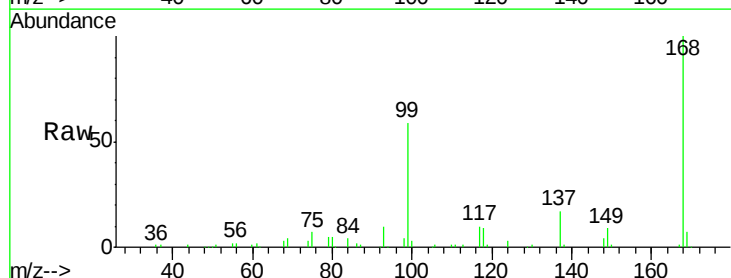
Instrument :
 MSVOA_D
 ClientSampled :

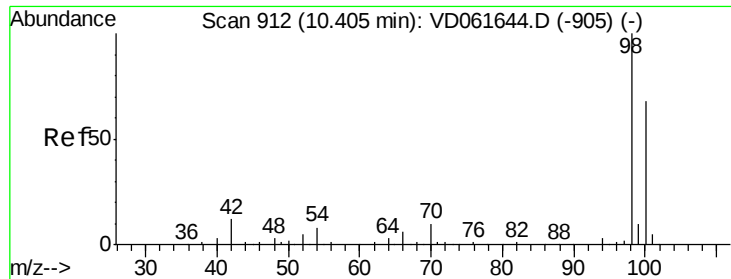
Tot Ion	75	Resp	35077
Ion Ratio	Lower	Upper	
75	100		
110	8.0	19.7	59.0#
77	0.0	24.8	37.2#



#38
 Carbon Tetrachloride
 Concen: 7.117 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.07 min
 Lab File: VD061743.D
 Acq: 11 Apr 2019 16:16

Tgt Ion	117	Resp	45703
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
117	100		
119	5.2	77.9	116.9#
121	0.0	24.7	37.1#

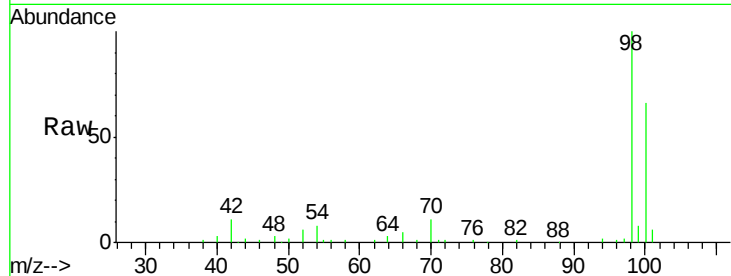




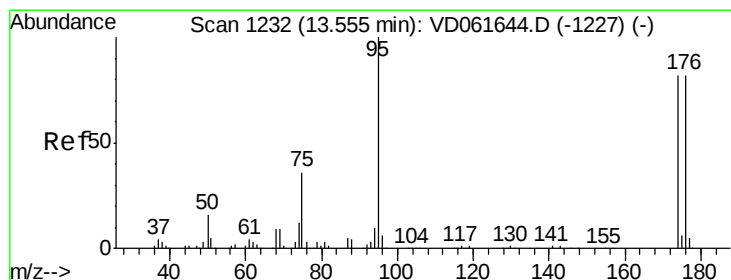
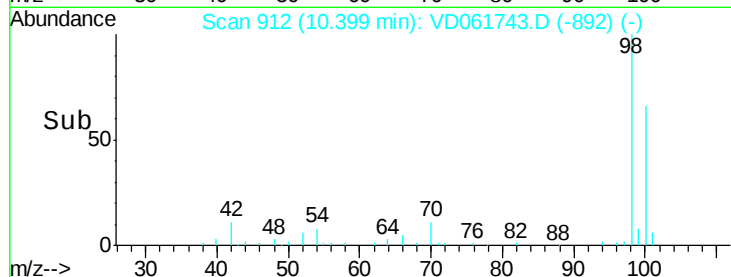
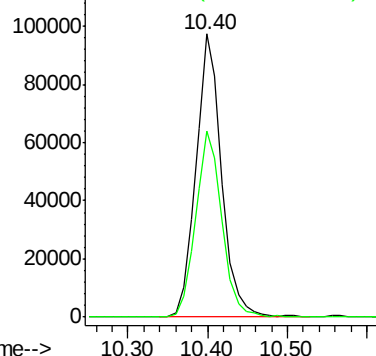
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD061743.D
Acq: 11 Apr 2019 16:16

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion: 98 Resp: 218858
Ion Ratio Lower Upper
98 100
100 65.6 55.4 83.0

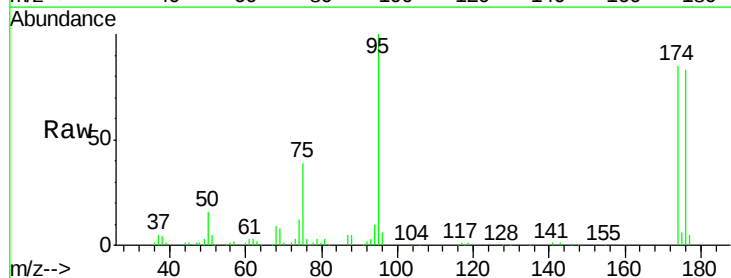


Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)
Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

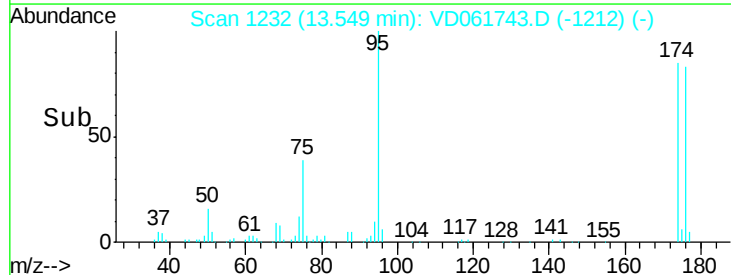
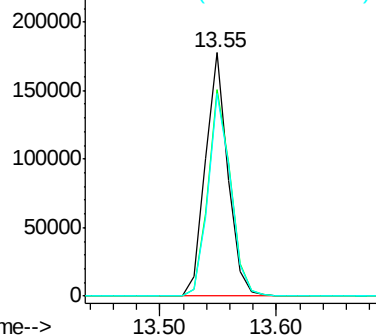


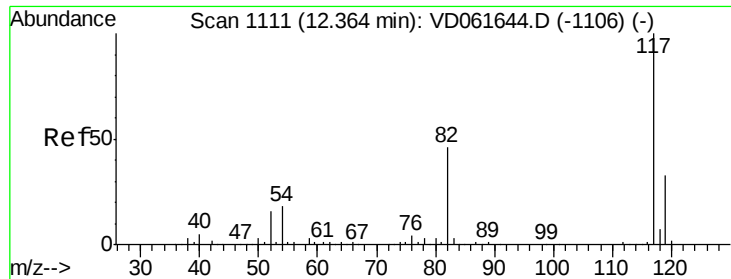
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD061743.D
Acq: 11 Apr 2019 16:16

Tgt Ion: 95 Resp: 237527
Ion Ratio Lower Upper
95 100
174 84.7 0.0 164.6
176 83.3 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)
Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)
Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

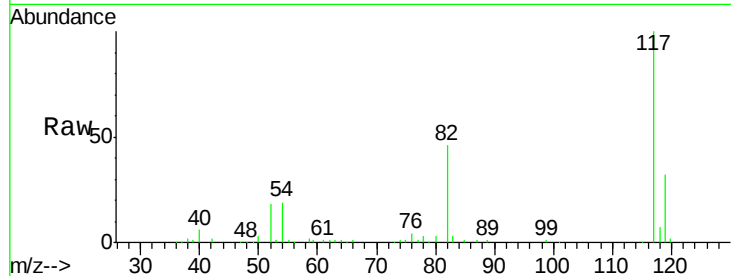




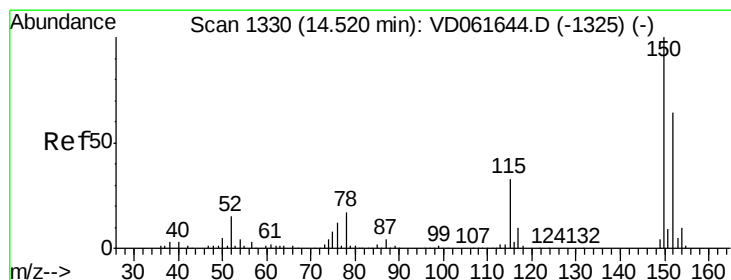
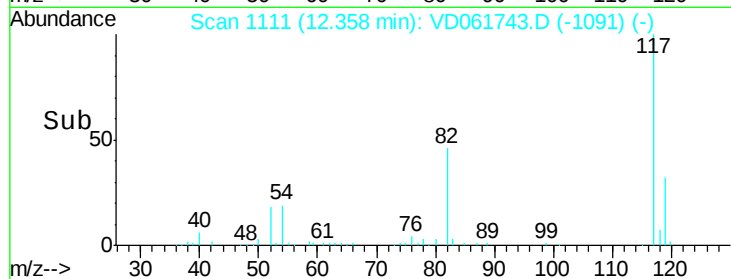
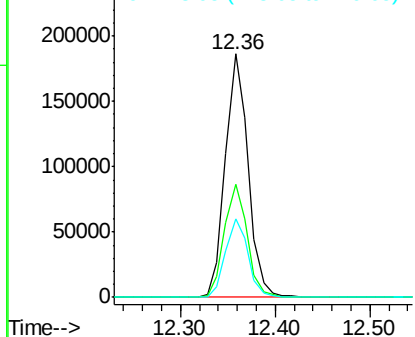
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: VD061743.D
 Acq: 11 Apr 2019 16:16

Instrument :
 MSVOA_D
 ClientSampleID :

Tot Ion:117 Resp: 310903
 Ion Ratio Lower Upper
 117 100
 82 46.5 36.8 55.2
 119 32.2 26.1 39.1

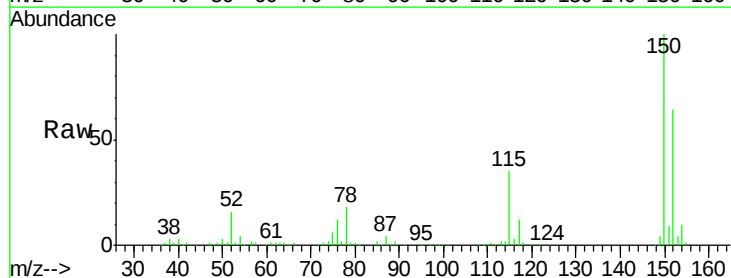


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V

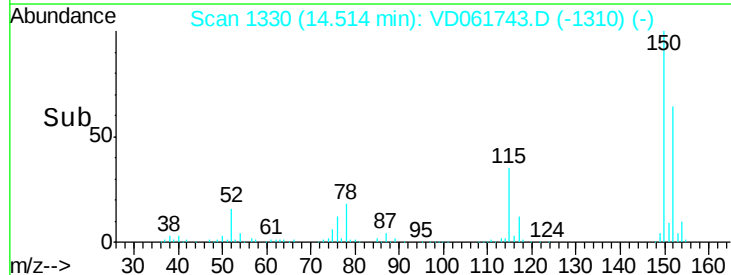
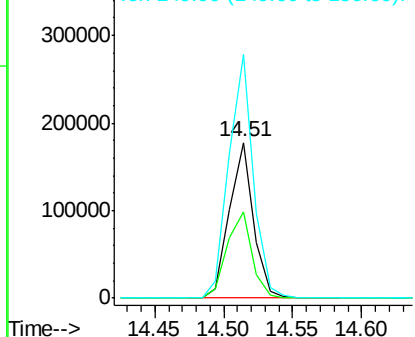


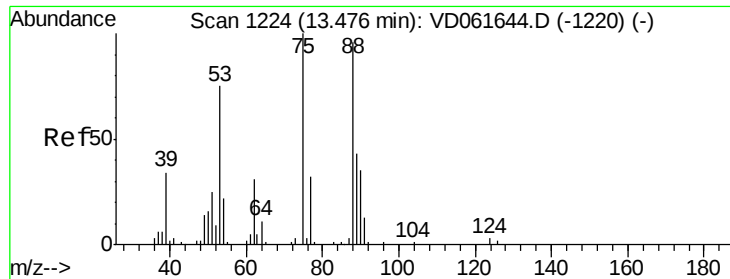
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD061743.D
 Acq: 11 Apr 2019 16:16

Tgt Ion:152 Resp: 215029
 Ion Ratio Lower Upper
 152 100
 115 55.3 26.4 79.2
 150 156.3 0.0 320.6



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: 100.737 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.07 min

Lab File: VD061743.D

Acq: 11 Apr 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

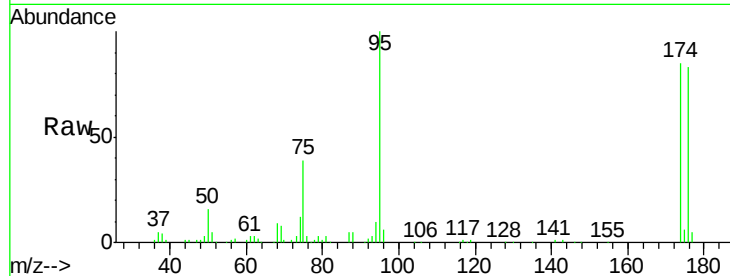
Tot Ion: 75 Resp: 89429

Ion Ratio Lower Upper

75 100

53 0.0 60.2 90.2#

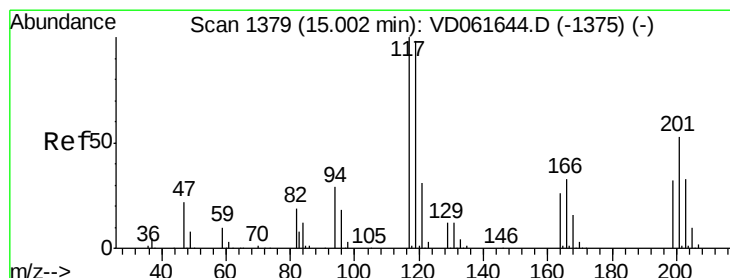
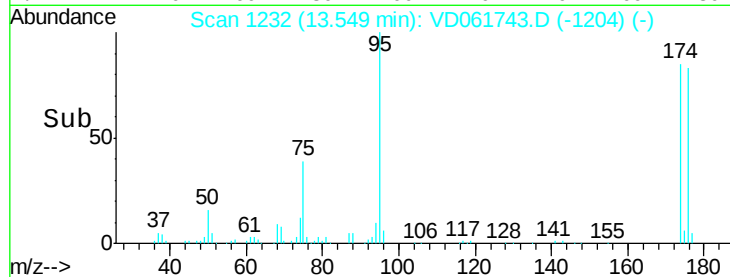
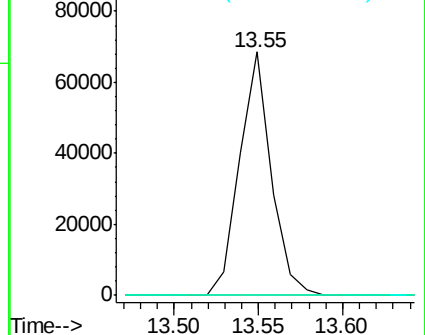
89 0.0 34.2 51.2#



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



#90

Hexachloroethane

Concen: 1.143 ug/l

RT: 15.08 min Scan# 1388

Delta R.T. 0.08 min

Lab File: VD061743.D

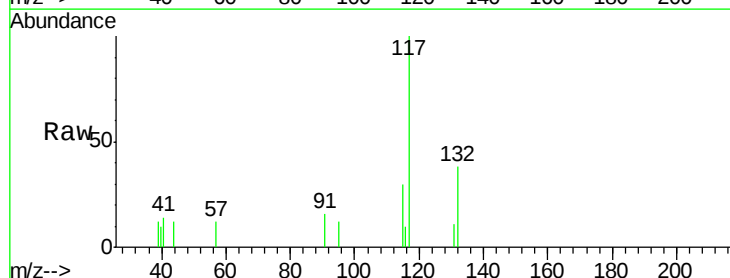
Acq: 11 Apr 2019 16:16

Tgt Ion: 117 Resp: 3986

Ion Ratio Lower Upper

117 100

201 0.0 26.3 78.8#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 200.75 (200.45 to 201.45): V

