

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061550.D
 Acq On : 3 Apr 2019 10:37
 Operator : VA/AP
 Sample : K2199-01
 Misc : 5.59g/5ml/MSVOA D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-040219-A

Quant Time: Apr 04 00:56:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

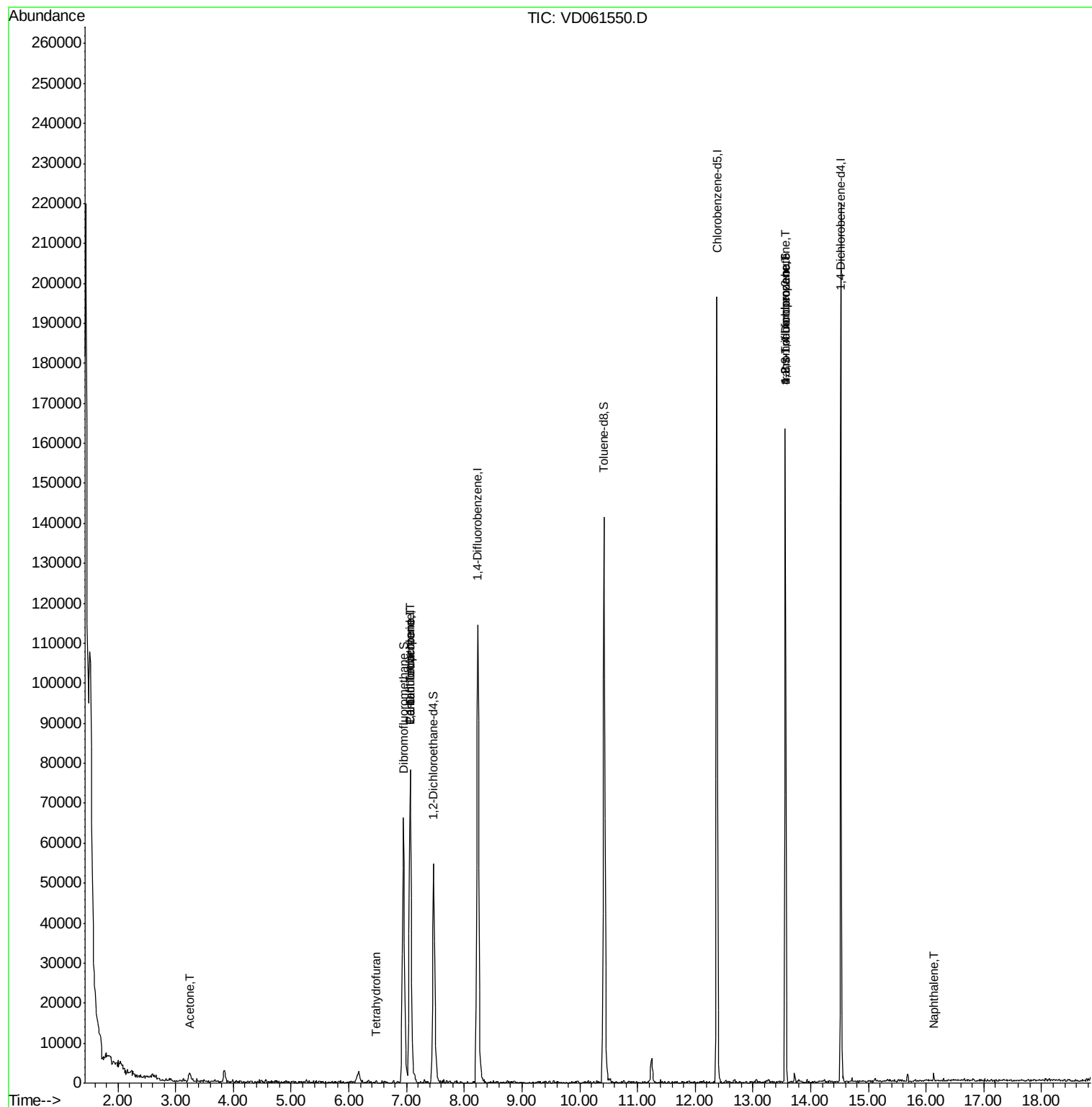
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	77531	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	137741	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	126581	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	50317	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	56328	85.05	ug/l	0.03
Spiked Amount 50.000			Recovery	=	170.10%	
35) Dibromofluoromethane	6.94	113	60885	57.84	ug/l	0.04
Spiked Amount 50.000			Recovery	=	115.68%	
50) Toluene-d8	10.42	98	125214	49.60	ug/l	0.03
Spiked Amount 50.000			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	13.56	95	49772	51.41	ug/l	0.01
Spiked Amount 50.000			Recovery	=	102.82%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	5787	33.990	ug/l #	48
20) Methylene Chloride	3.83	84	1818	Below Cal	#	73
29) Tetrahydrofuran	6.47	42	214	2.062	ug/l #	30
36) 1,1-Dichloropropene	7.06	75	5571	4.634	ug/l #	38
38) Carbon Tetrachloride	7.05	117	6954	5.034	ug/l #	10
76) 1,2,3-Trichloropropane	13.56	75	19366	26.644	ug/l #	46
81) trans-1,4-Dichloro-2-buten	13.56	75	20015	90.314	ug/l #	18
95) Naphthalene	16.13	128	1693	1.691	ug/l #	70

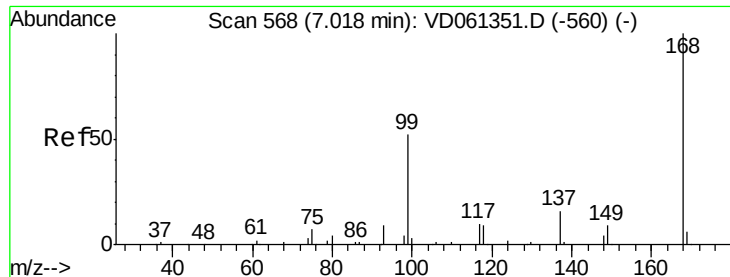
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040219\
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Quant Time: Apr 04 00:56:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD061550.D

Acq: 3 Apr 2019 10:37

Instrument :

MSVOA_D

ClientSampleId :

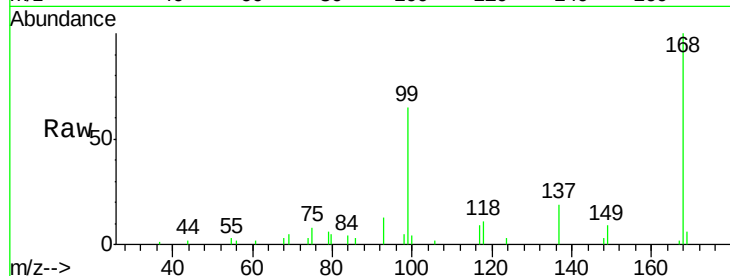
OR-02-040219-A

Tot Ion:168 Resp: 77531

Ion Ratio Lower Upper

168 100

99 64.8 43.1 64.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

30000

25000

20000

15000

10000

5000

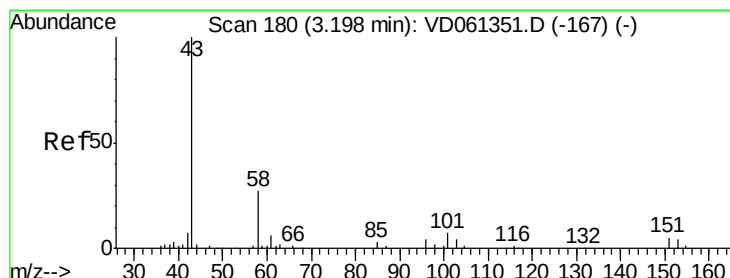
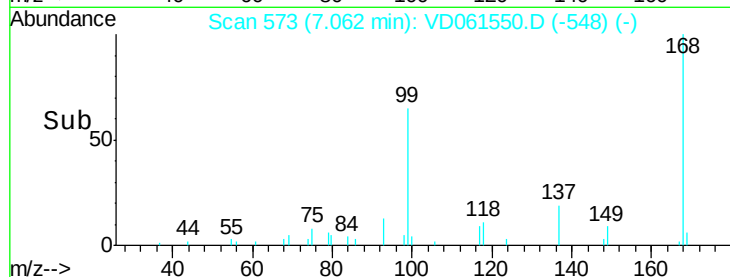
0

Time-->

7.00

7.10

7.20



#16

Acetone

Concen: 33.990 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.03 min

Lab File: VD061550.D

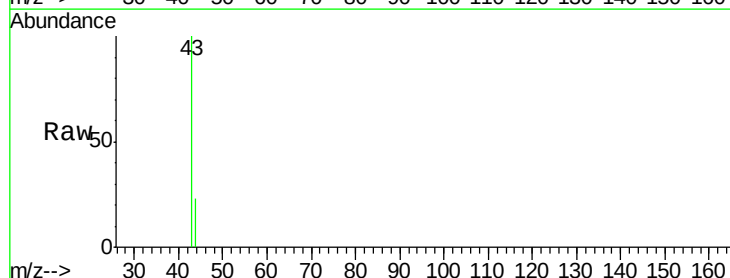
Acq: 3 Apr 2019 10:37

Tgt Ion: 43 Resp: 5787

Ion Ratio Lower Upper

43 100

58 0.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

2000

1500

1000

500

0

Time-->

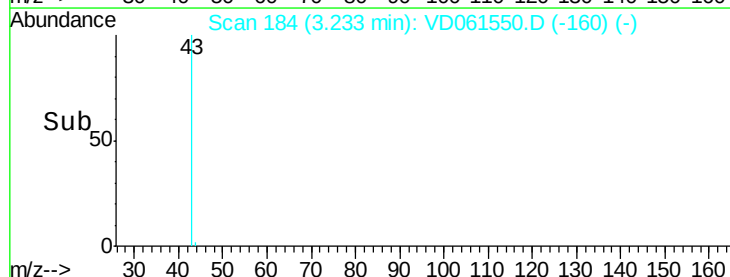
3.15

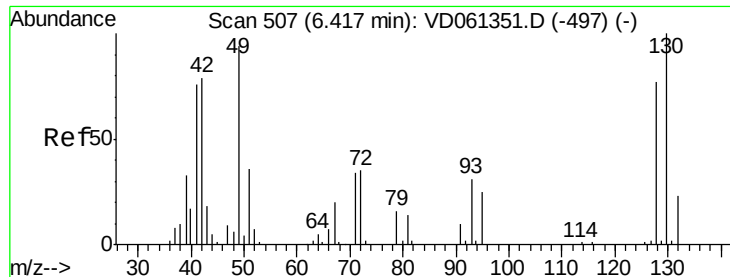
3.20

3.25

3.30

3.35





#29

Tetrahydrofuran

Concen: 2.062 ug/l

RT: 6.47 min Scan# 513

Delta R.T. 0.05 min

Lab File: VD061550.D

Acq: 3 Apr 2019 10:37

Instrument :

MSVOA_D

ClientSampleId :

OR-02-040219-A

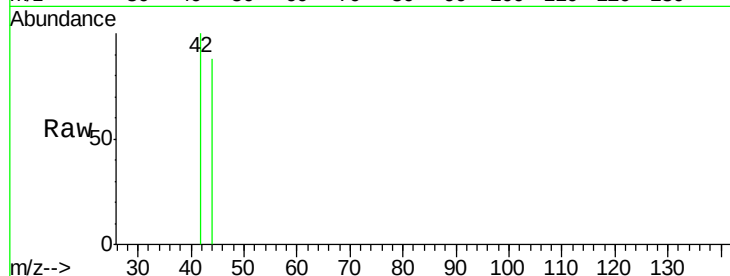
Tot Ion: 42 Resp: 214

Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.0#

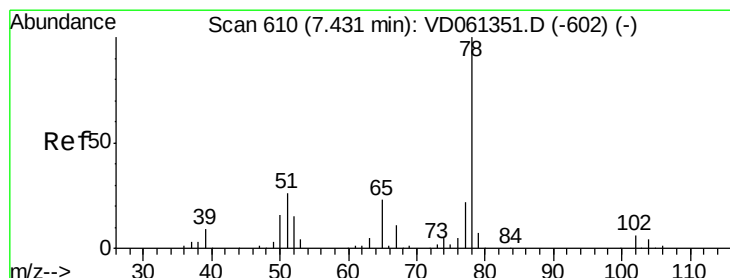
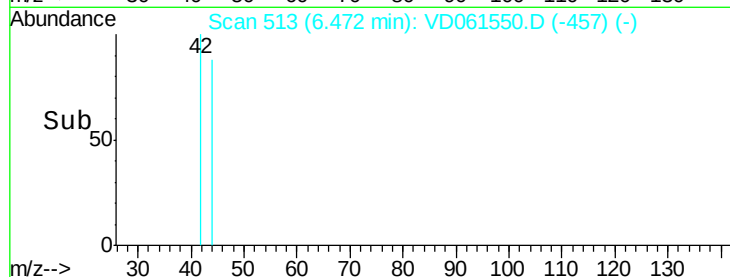
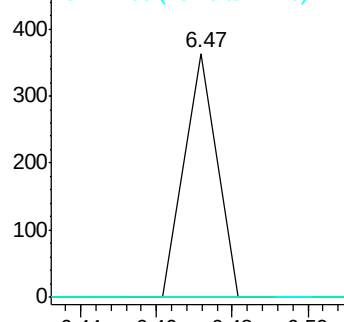
71 0.0 36.7 55.1#



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.03 min

Lab File: VD061550.D

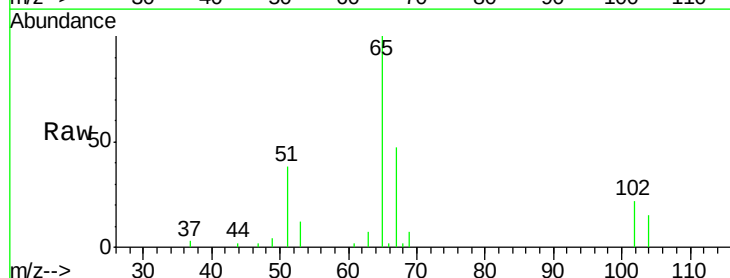
Acq: 3 Apr 2019 10:37

Tgt Ion: 65 Resp: 56328

Ion Ratio Lower Upper

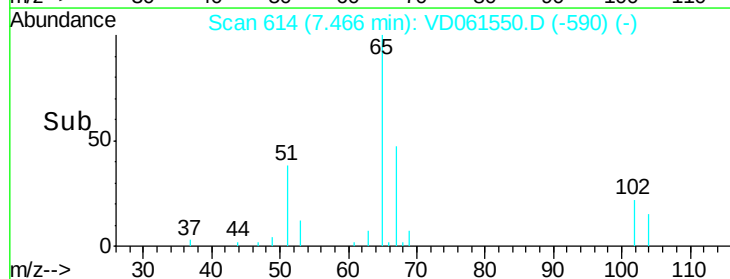
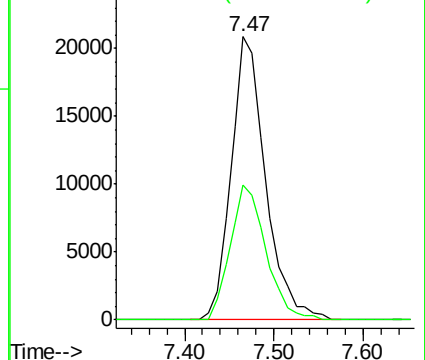
65 100

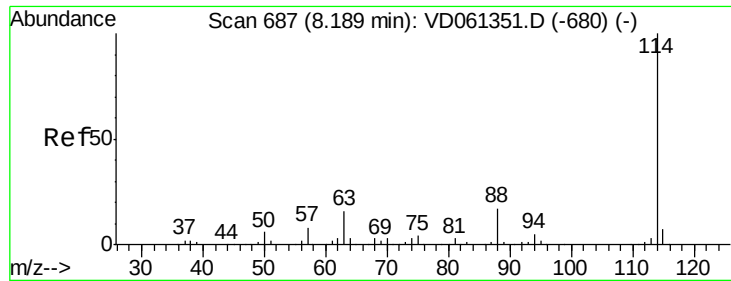
67 47.5 0.0 99.8



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. 0.04 min

Lab File: VD061550.D

Acq: 3 Apr 2019 10:37

Instrument :

MSVOA_D

ClientSampleId :

OR-02-040219-A

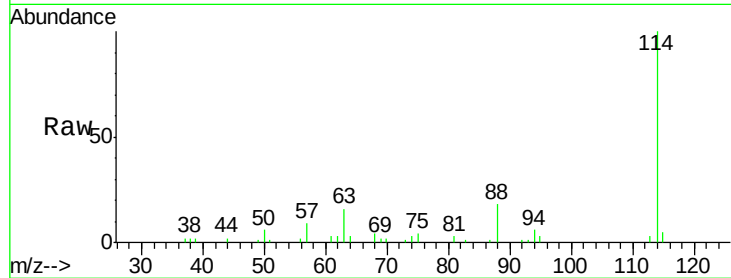
Tot Ion:114 Resp: 137741

Ion Ratio Lower Upper

114 100

63 16.1 0.0 31.6

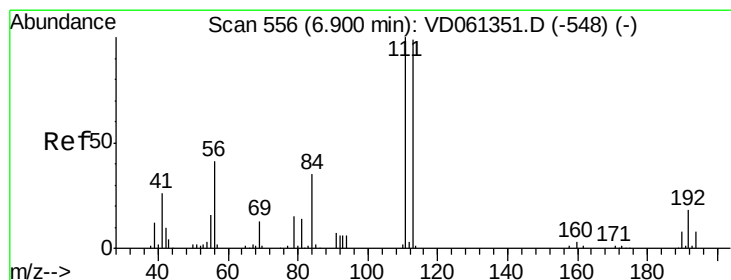
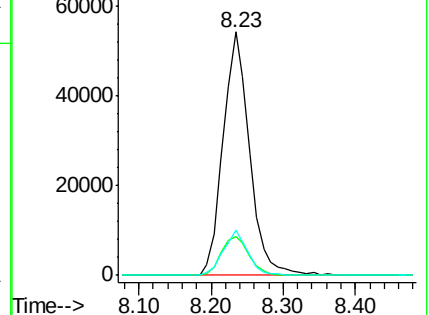
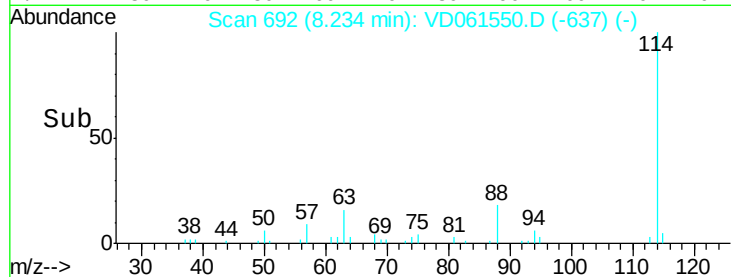
88 18.5 0.0 33.4



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: 6.94 min Scan# 561

Delta R.T. 0.04 min

Lab File: VD061550.D

Acq: 3 Apr 2019 10:37

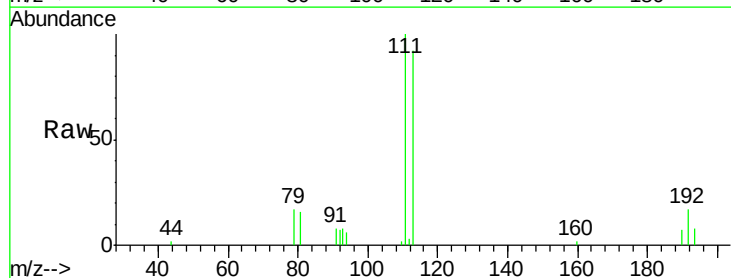
Tgt Ion:113 Resp: 60885

Ion Ratio Lower Upper

113 100

111 109.3 81.0 121.6

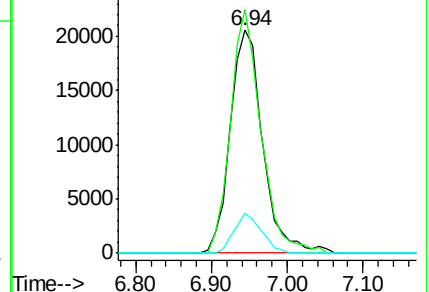
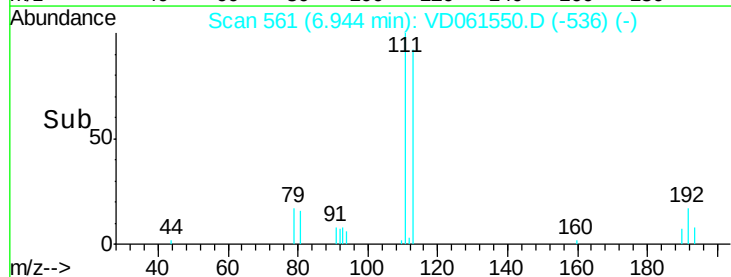
192 18.2 14.4 21.6

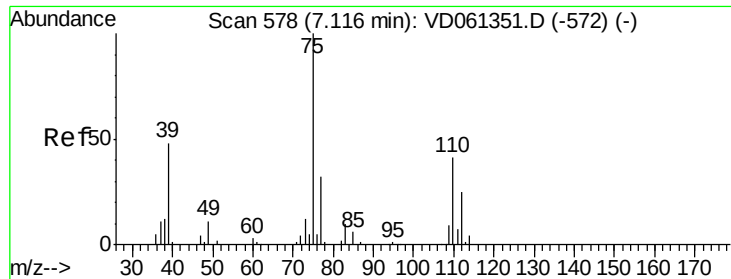


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

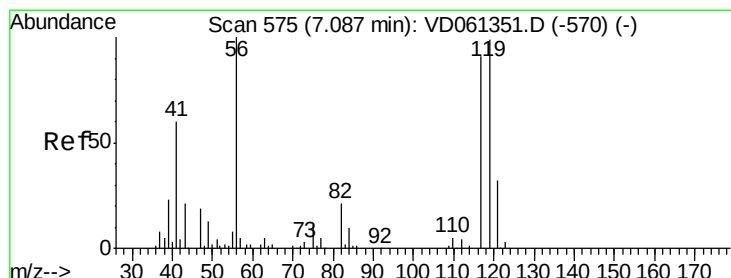
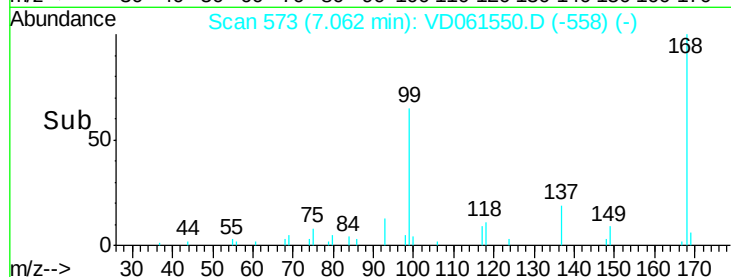
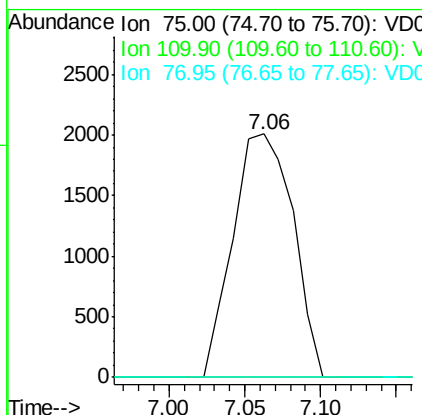
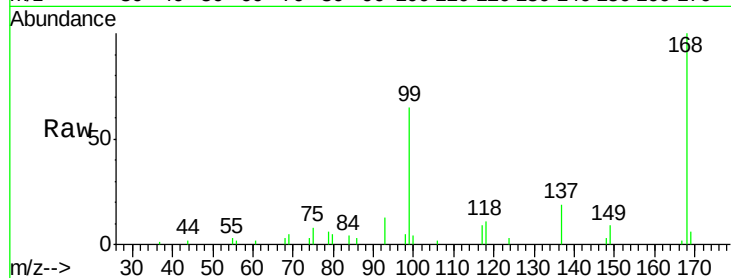




#36
 1,1-Dichloropropene
 Concen: 4.634 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. -0.05 min
 Lab File: VD061550.D
 Acq: 3 Apr 2019 10:37

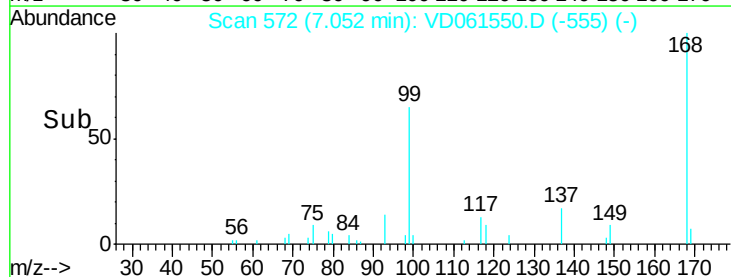
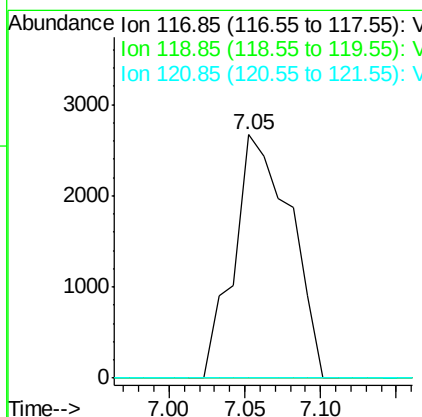
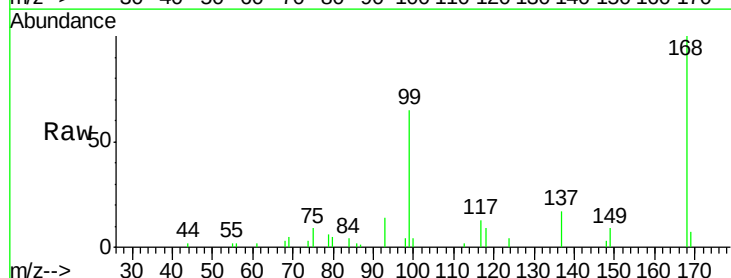
Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-040219-A

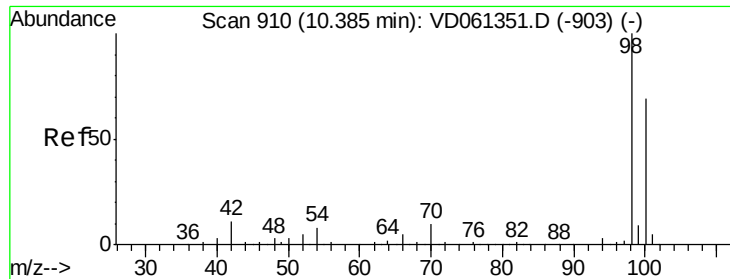
Tot Ion: 75 Resp: 5571
 Ion Ratio Lower Upper
 75 100
 110 0.0 20.4 61.3#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 5.034 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.03 min
 Lab File: VD061550.D
 Acq: 3 Apr 2019 10:37

Tgt Ion: 117 Resp: 6954
 Ion Ratio Lower Upper
 117 100
 119 0.0 80.1 120.1#
 121 0.0 25.6 38.4#

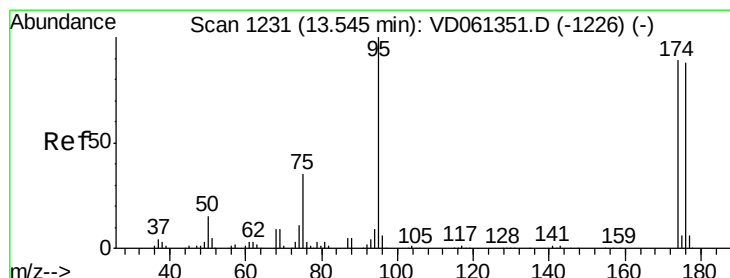
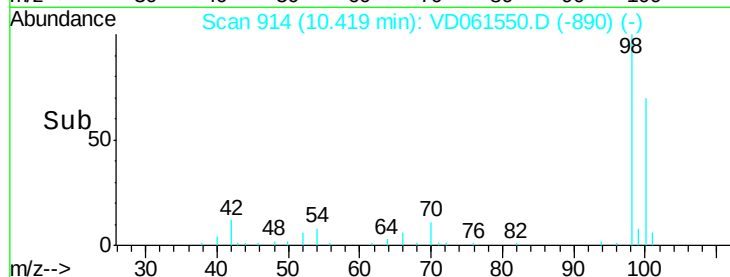
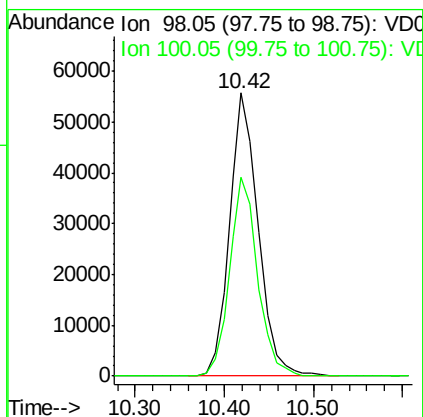
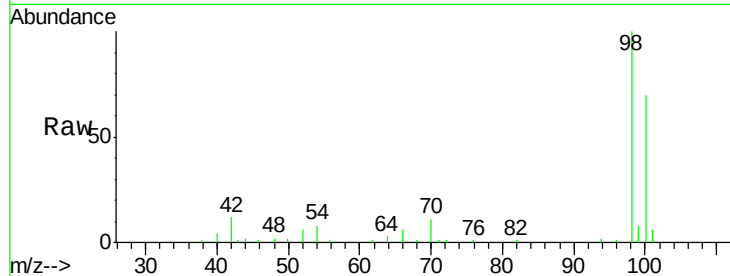




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD061550.D
Acq: 3 Apr 2019 10:37

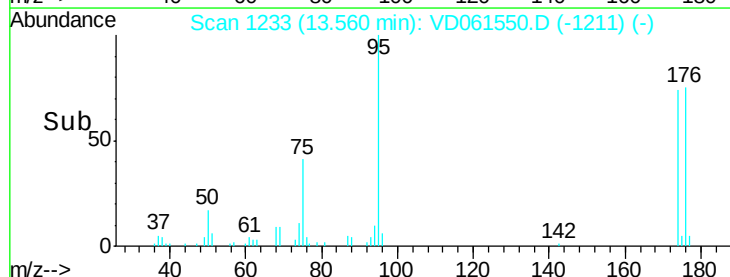
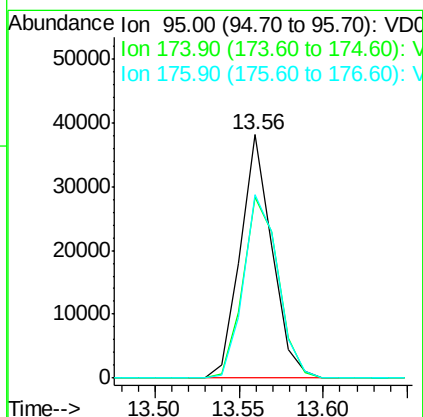
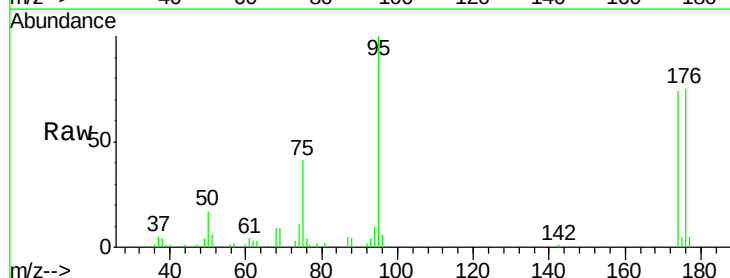
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MSVOA_D
ClientSampleId :
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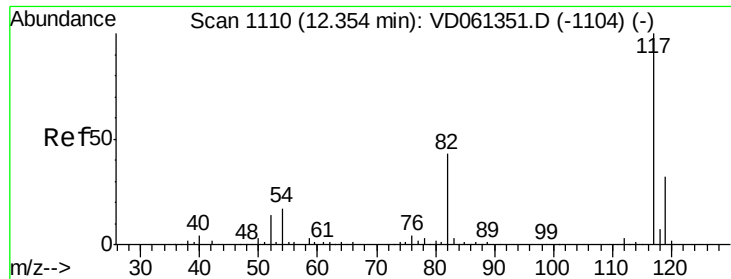
Tot Ion: 98 Resp: 125214
Ion Ratio Lower Upper
98 100
100 70.3 56.2 84.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061550.D
Acq: 3 Apr 2019 10:37

Tgt Ion: 95 Resp: 49772
Ion Ratio Lower Upper
95 100
174 74.5 0.0 178.0
176 75.3 0.0 175.0

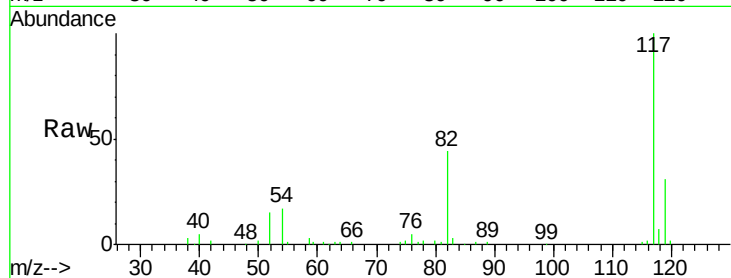




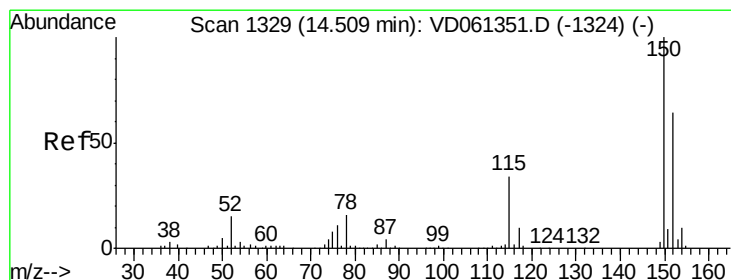
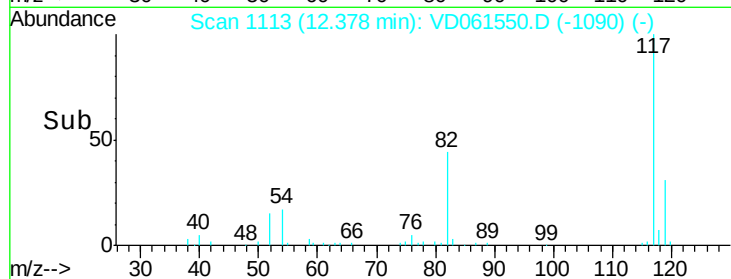
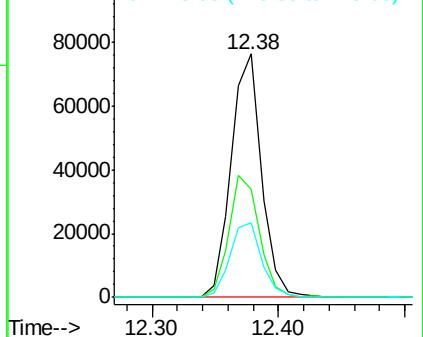
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061550.D
Acq: 3 Apr 2019 10:37

Instrument :
MSVOA_D
ClientSampleId :
OR-02-040219-A

Tot Ion:117 Resp: 126581
Ion Ratio Lower Upper
117 100
82 44.3 34.4 51.6
119 30.7 25.8 38.6

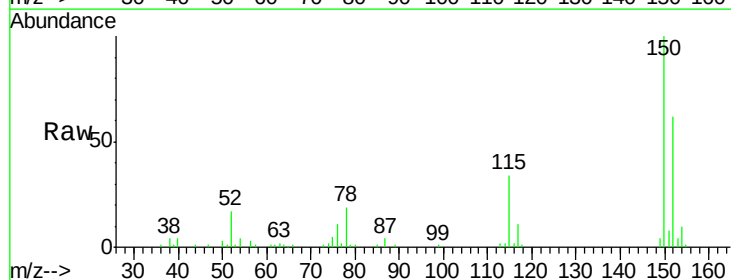


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

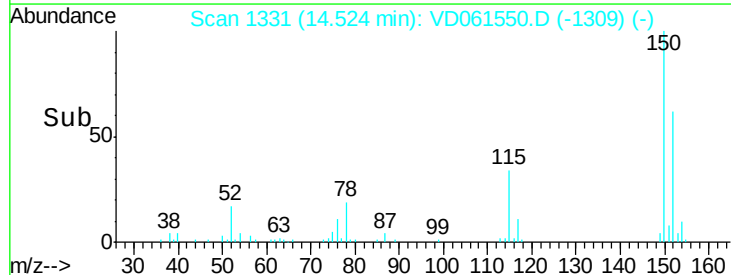
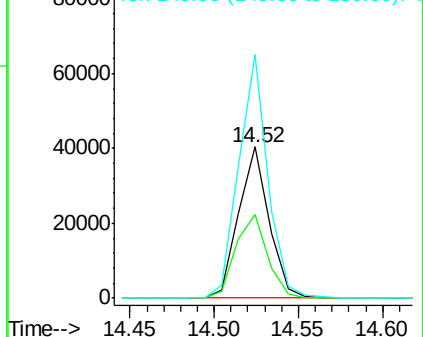


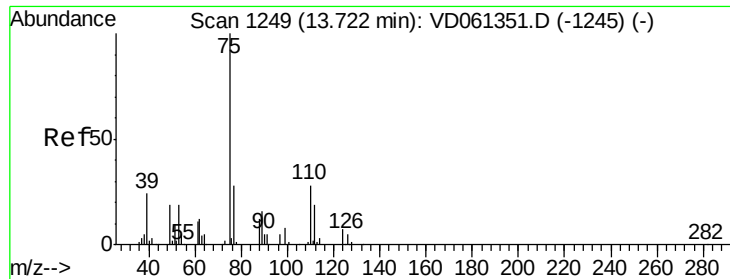
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061550.D
Acq: 3 Apr 2019 10:37

Tgt Ion:152 Resp: 50317
Ion Ratio Lower Upper
152 100
115 55.5 26.9 80.6
150 161.3 0.0 318.0



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





#76

1,2,3-Trichloropropane

Concen: 26.644 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD061550.D

Acq: 3 Apr 2019 10:37

Instrument :

MSVOA_D

ClientSampleId :

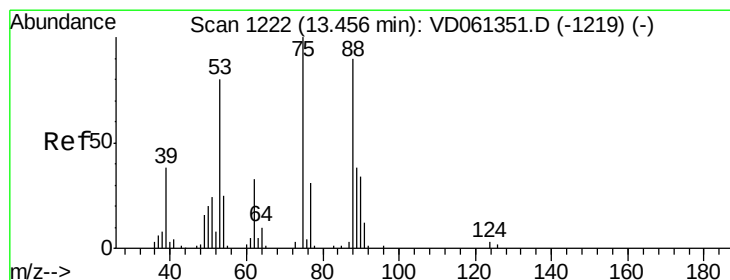
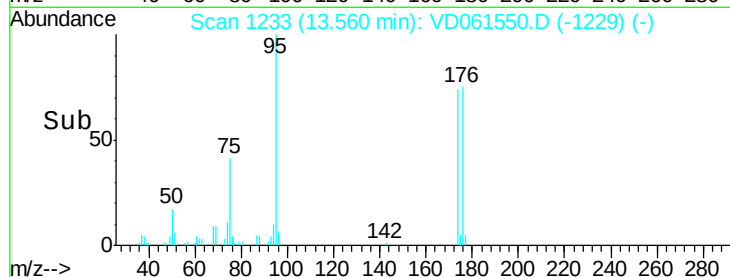
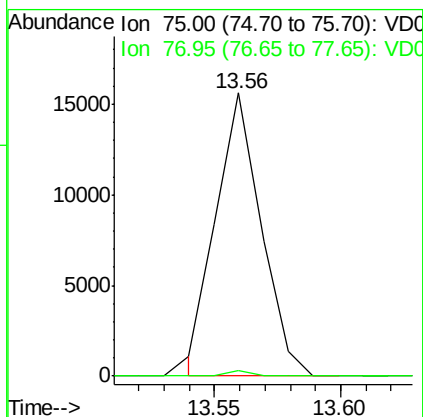
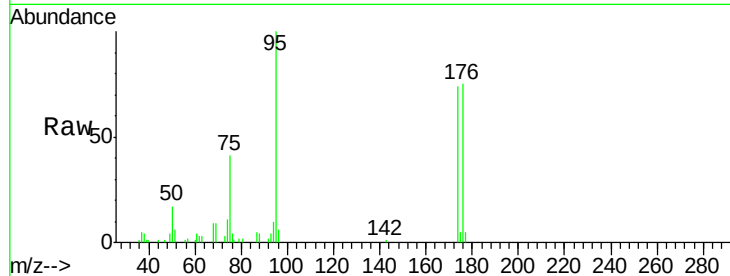
OR-02-040219-A

Tot Ion: 75 Resp: 19366

Ion Ratio Lower Upper

75 100

77 2.0 16.2 48.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.314 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.10 min

Lab File: VD061550.D

Acq: 3 Apr 2019 10:37

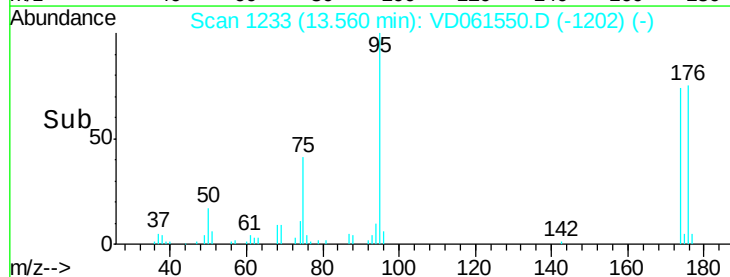
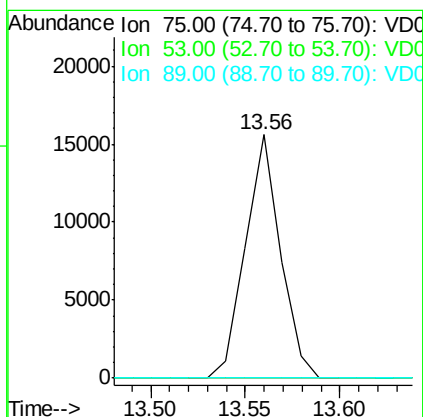
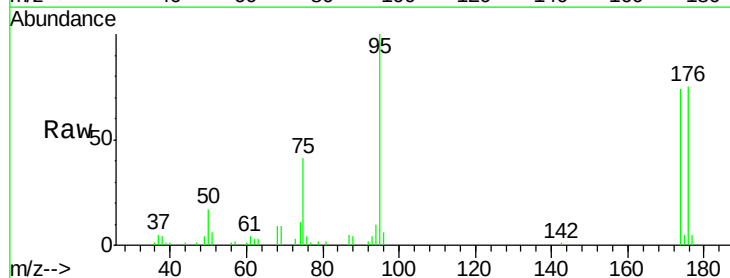
Tgt Ion: 75 Resp: 20015

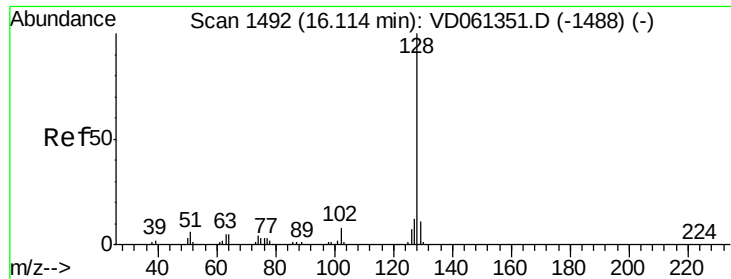
Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#





#95
Naphthalene
Concen: 1.691 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD061550.D
Acq: 3 Apr 2019 10:37

Instrument :
MSVOA_D
ClientSampleId :
OR-02-040219-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.9	14.9#
129	0.0	8.9	13.3#

