

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032919\
 Data File : VD061423.D
 Acq On : 29 Mar 2019 11:59
 Operator : VA/AP
 Sample : VD0329SBL01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBL01

Quant Time: Mar 29 13:49:56 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

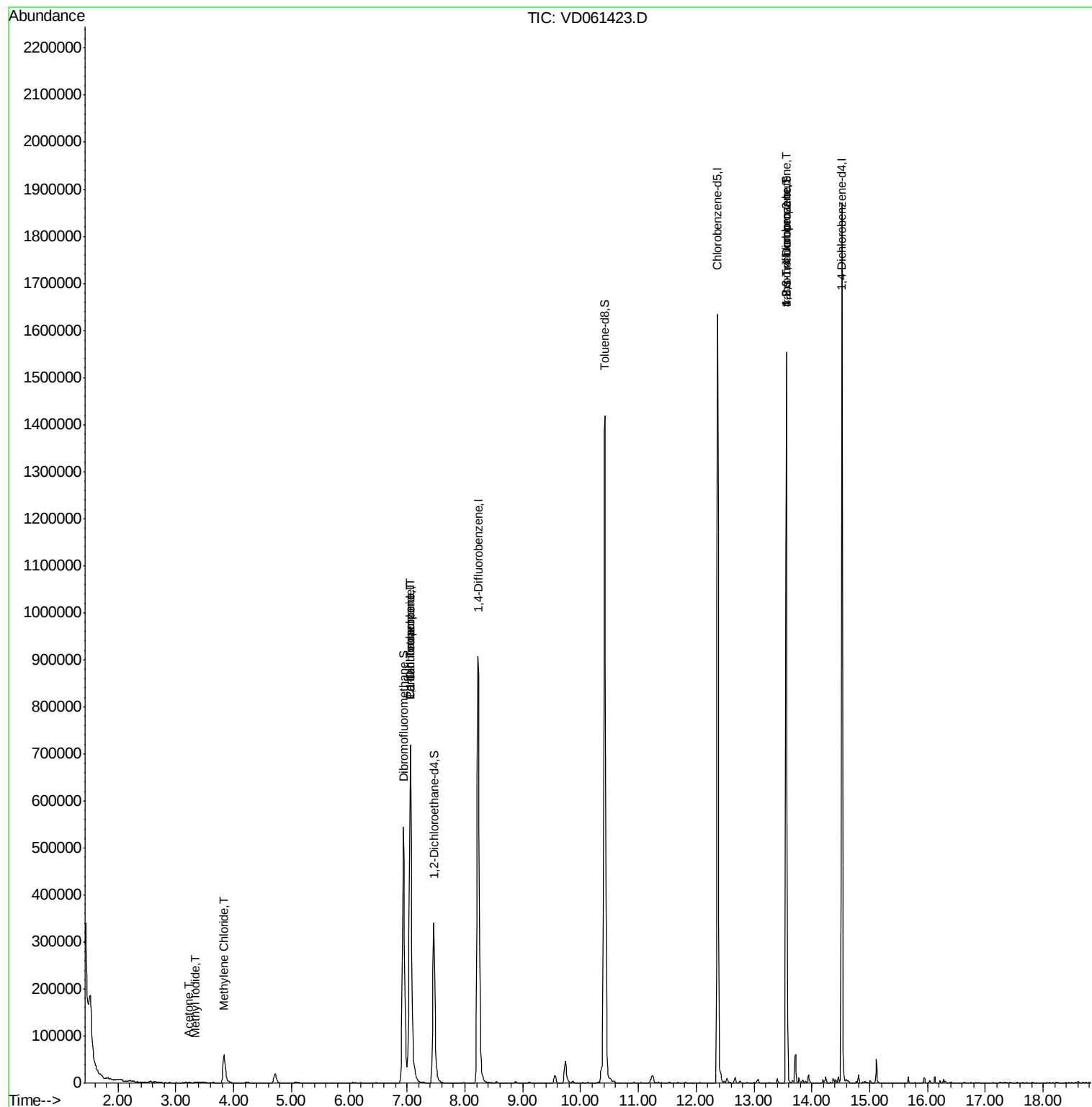
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	763213	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1161785	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	1018042	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	493777	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	345295	52.96	ug/l	0.03
Spiked Amount 50.000			Recovery	=	105.92%	
35) Dibromofluoromethane	6.93	113	518438	58.39	ug/l	0.03
Spiked Amount 50.000			Recovery	=	116.78%	
50) Toluene-d8	10.42	98	1301740	61.13	ug/l	0.03
Spiked Amount 50.000			Recovery	=	122.26%	
62) 4-Bromofluorobenzene	13.56	95	492456	60.31	ug/l	0.01
Spiked Amount 50.000			Recovery	=	120.62%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	3.32	142	3548	3.694	ug/l #	38
16) Acetone	3.23	43	4511	2.692	ug/l #	48
20) Methylene Chloride	3.83	84	48230	3.345	ug/l	97
36) 1,1-Dichloropropene	7.05	75	55396	5.463	ug/l #	44
38) Carbon Tetrachloride	7.05	117	72770	6.245	ug/l #	15
76) 1,2,3-Trichloropropane	13.56	75	167697	23.511	ug/l #	45
81) trans-1,4-Dichloro-2-buten	13.56	75	182593	83.959	ug/l #	18

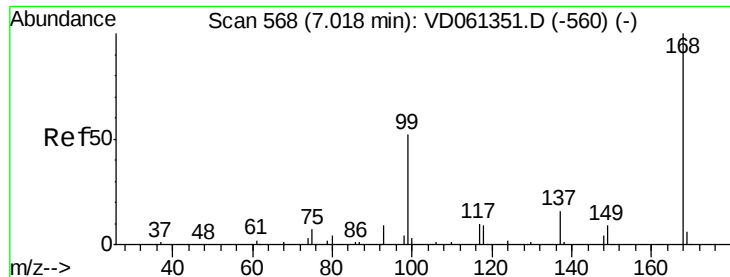
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD032919\
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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: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

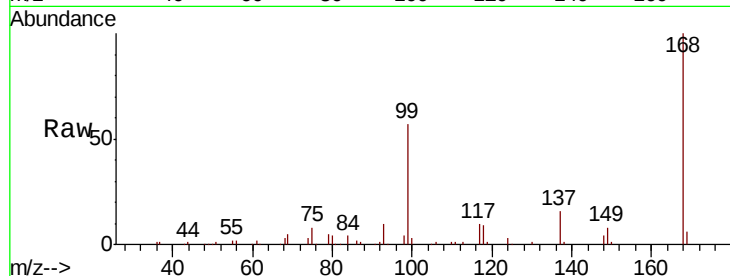
VD0329SBL01

Tgt Ion:168 Resp: 763213

Ion Ratio Lower Upper

168 100

99 57.2 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): V

7.05

250000

200000

150000

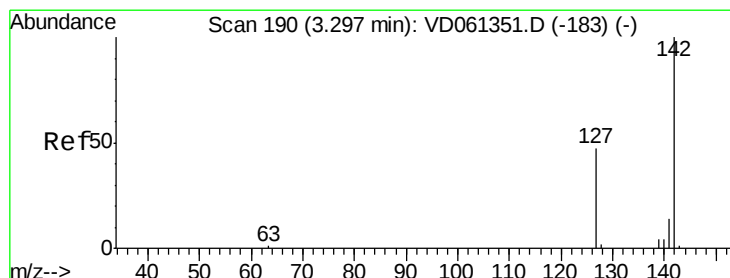
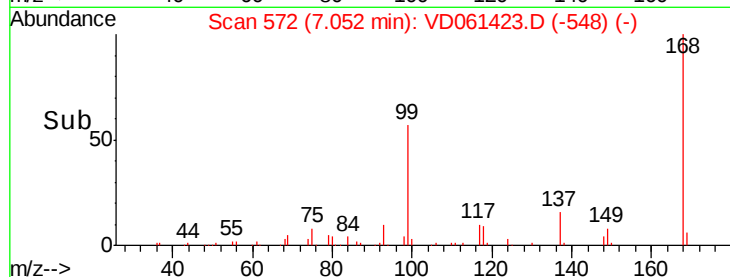
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#10

Methyl Iodide

Concen: 3.694 ug/l

RT: 3.32 min Scan# 193

Delta R.T. 0.02 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

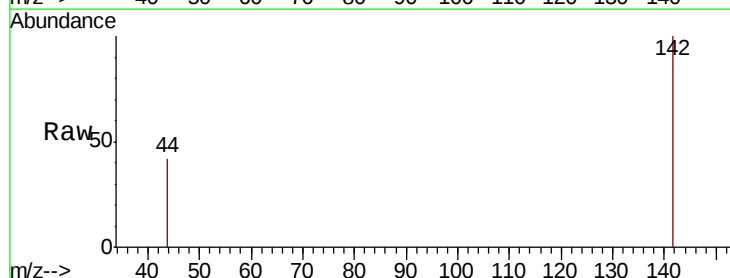
Tgt Ion:142 Resp: 3548

Ion Ratio Lower Upper

142 100

127 0.0 37.7 56.5#

141 0.0 11.5 17.3#



Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

3.32

1200

1000

800

600

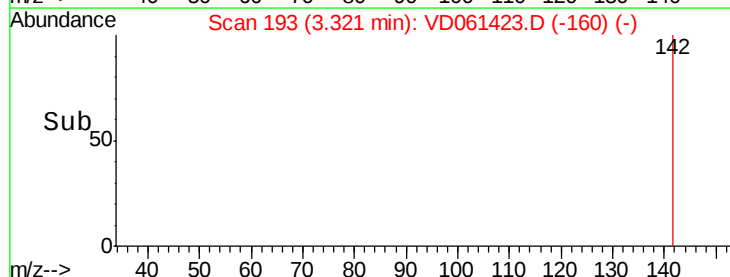
400

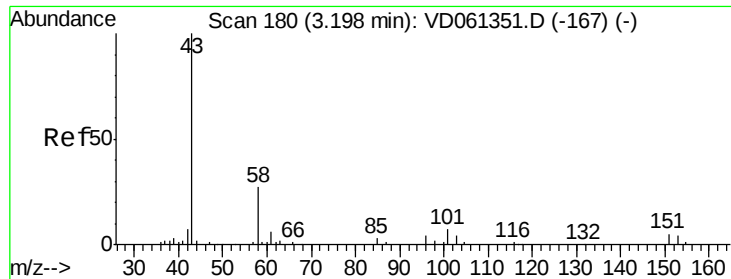
200

0

Time-->

3.25 3.30 3.35 3.40





#16

Acetone

Concen: 2.692 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.03 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

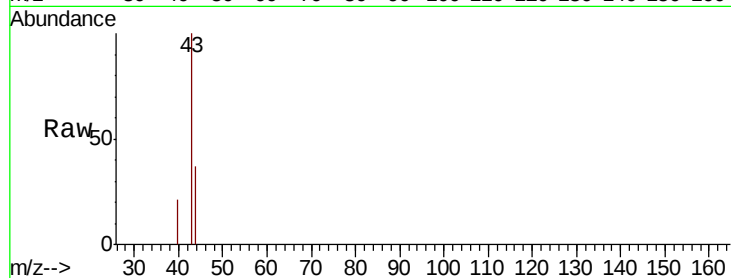
VD0329SBL01

Tgt Ion: 43 Resp: 4511

Ion Ratio Lower Upper

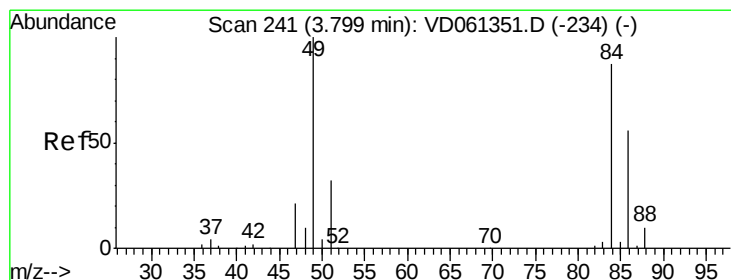
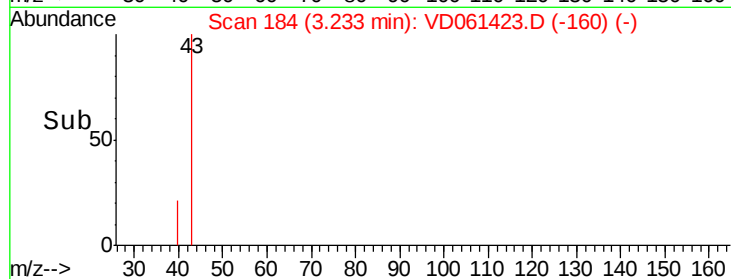
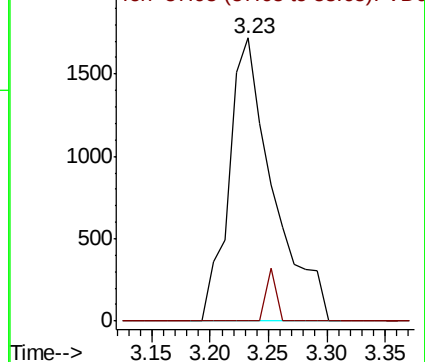
43 100

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



#20

Methylene Chloride

Concen: 3.345 ug/l

RT: 3.83 min Scan# 245

Delta R.T. 0.03 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

Tgt Ion: 84 Resp: 48230

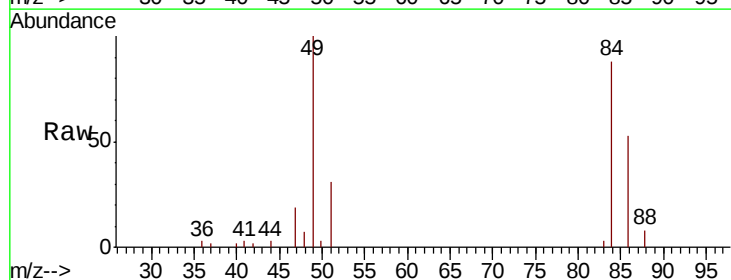
Ion Ratio Lower Upper

84 100

49 113.3 91.8 137.8

51 35.3 29.8 44.8

86 59.8 51.8 77.6

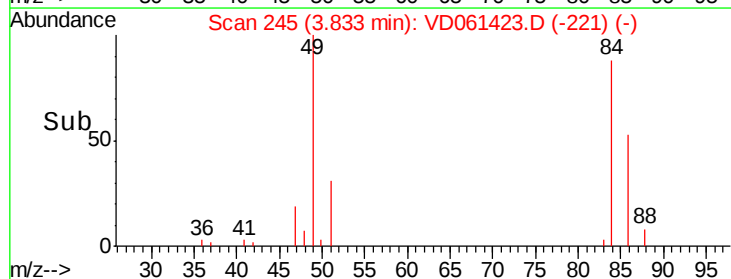
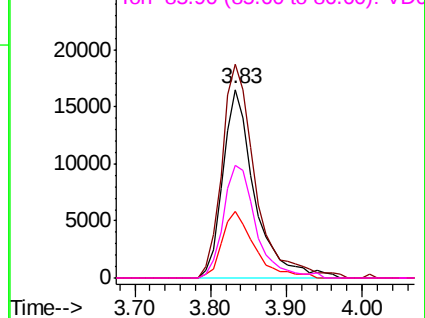


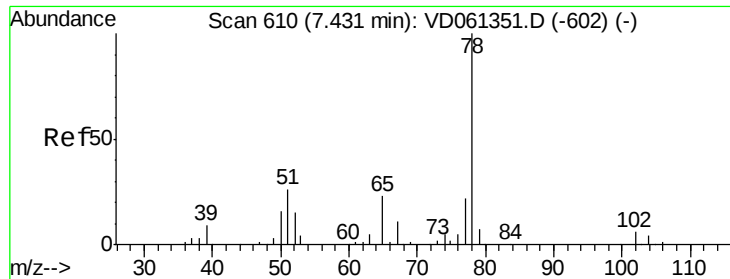
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

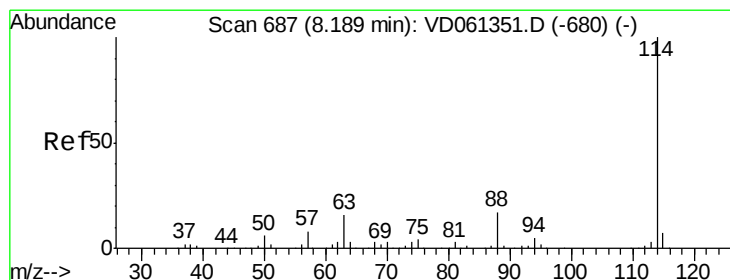
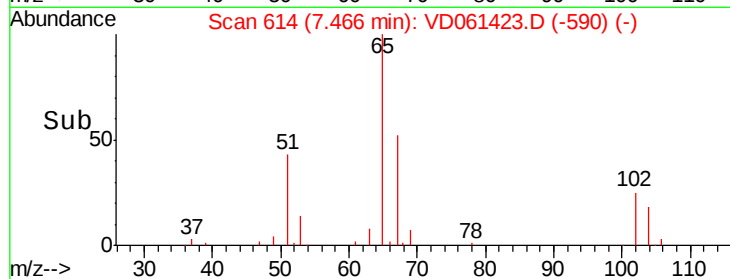
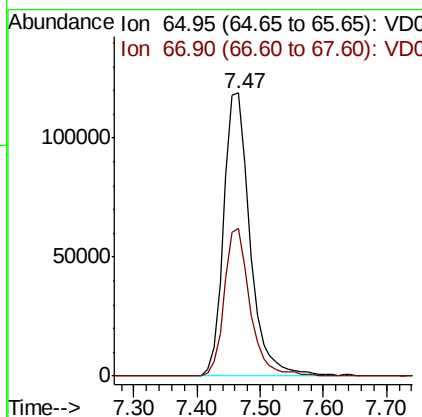
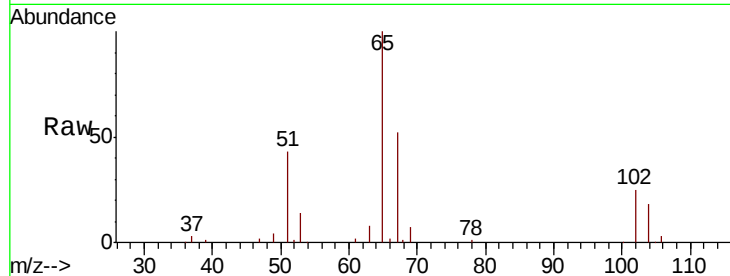




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.03 min
 Lab File: VD061423.D
 Acq: 29 Mar 2019 11:59

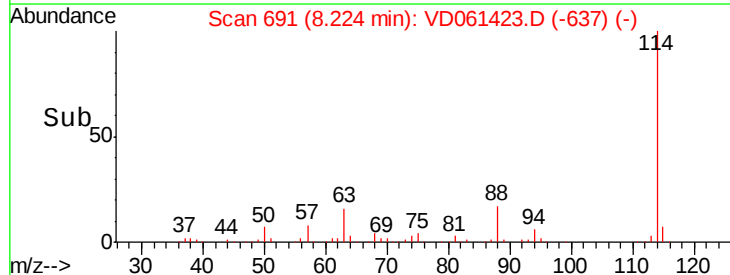
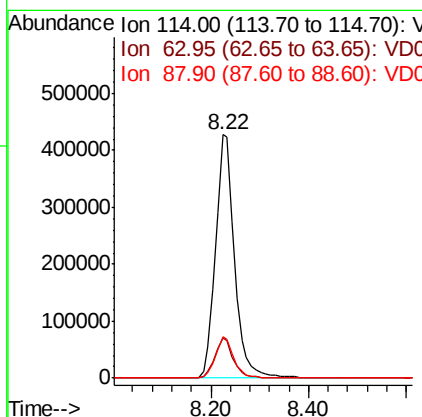
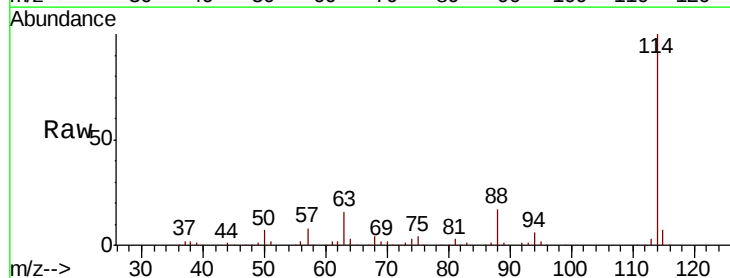
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBL01

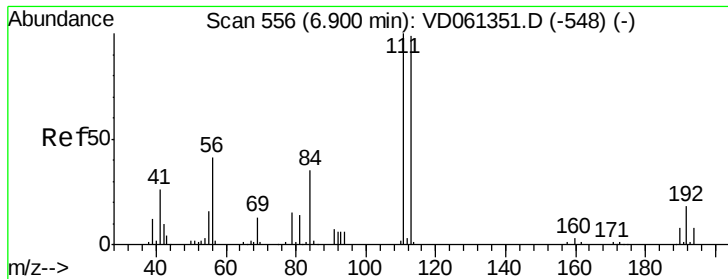
Tgt Ion: 65 Resp: 345295
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD061423.D
 Acq: 29 Mar 2019 11:59

Tgt Ion: 114 Resp: 1161785
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 31.6
 88 17.1 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.03 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBL01

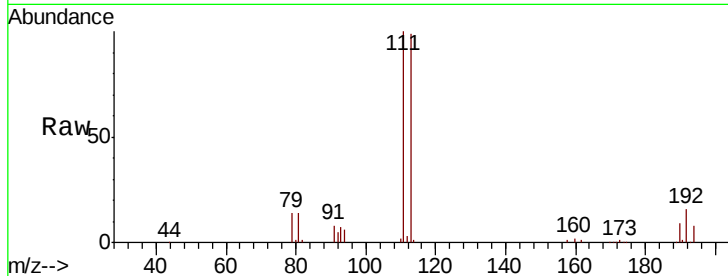
Tgt Ion:113 Resp: 518438

Ion Ratio Lower Upper

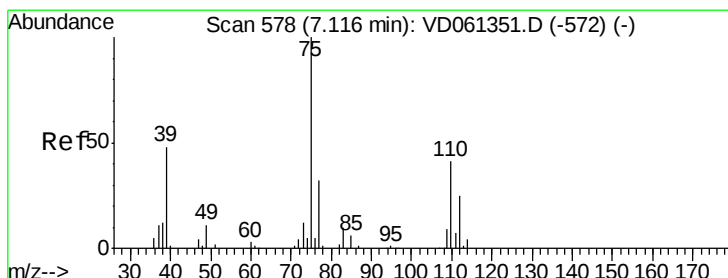
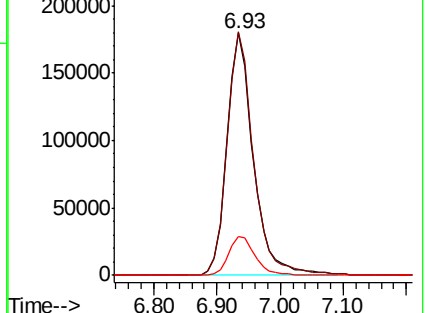
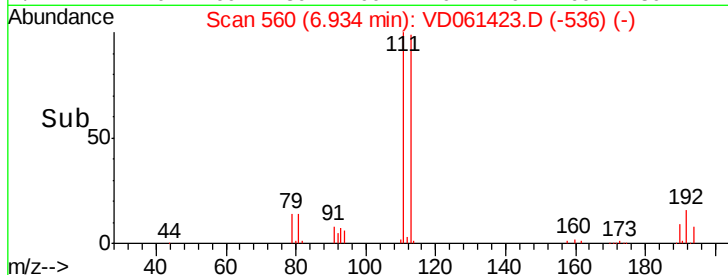
113 100

111 100.7 81.0 121.6

192 16.0 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: 5.463 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.06 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

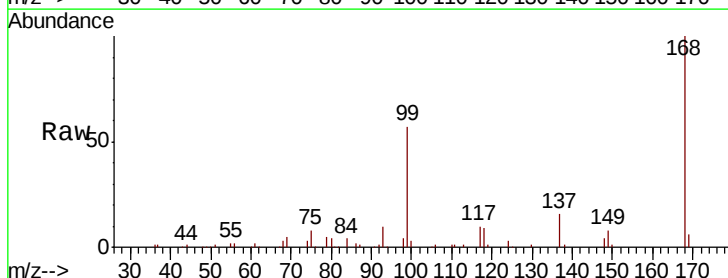
Tgt Ion: 75 Resp: 55396

Ion Ratio Lower Upper

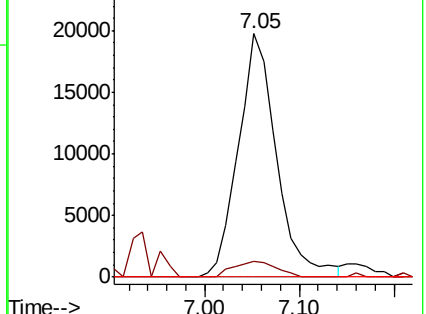
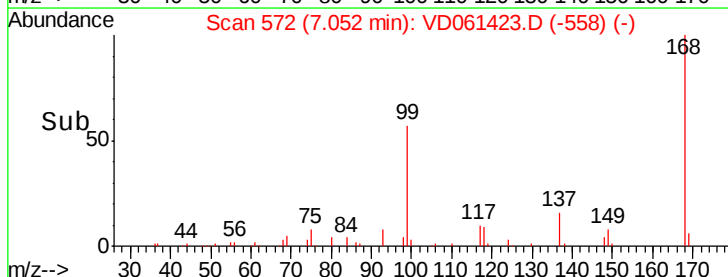
75 100

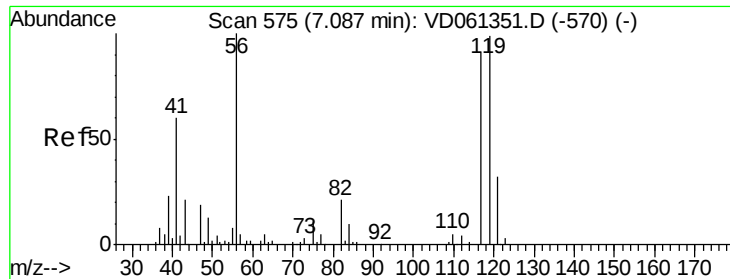
110 6.5 20.4 61.3#

77 0.0 24.9 37.3#



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

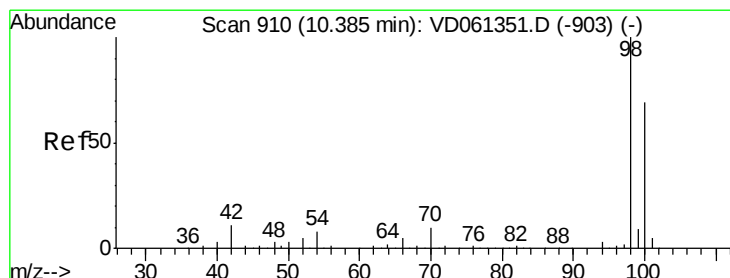
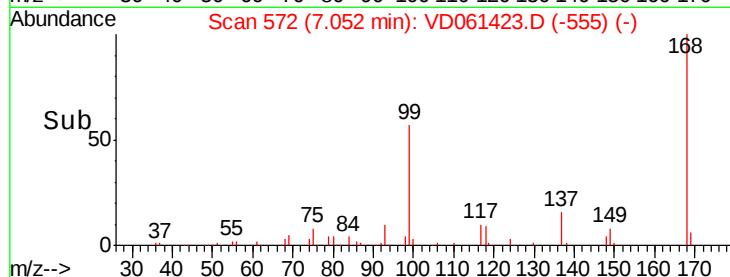
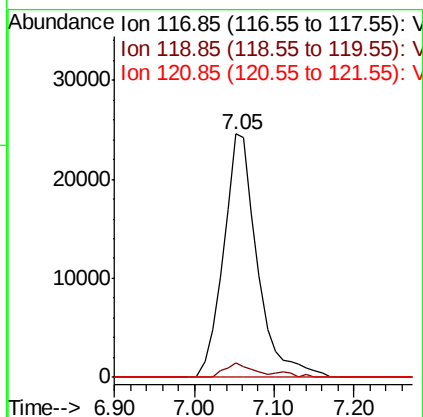
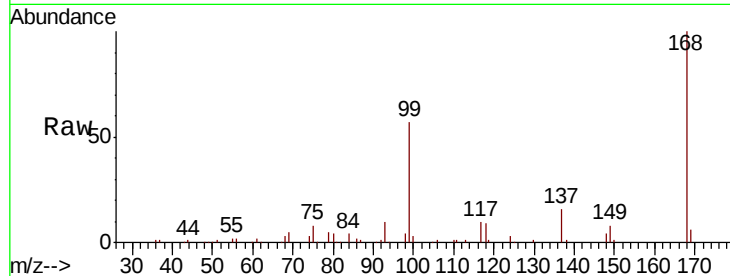




#38
Carbon Tetrachloride
Concen: 6.245 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.03 min
Lab File: VD061423.D
Acq: 29 Mar 2019 11:59

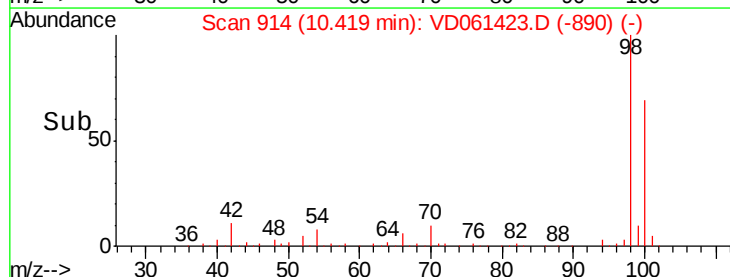
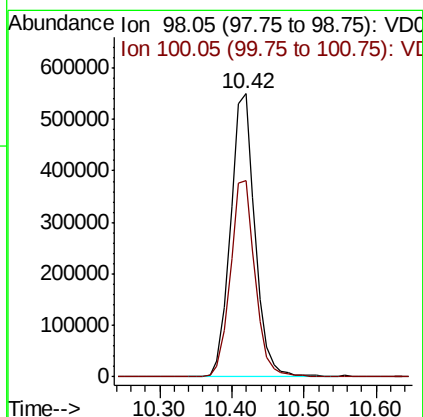
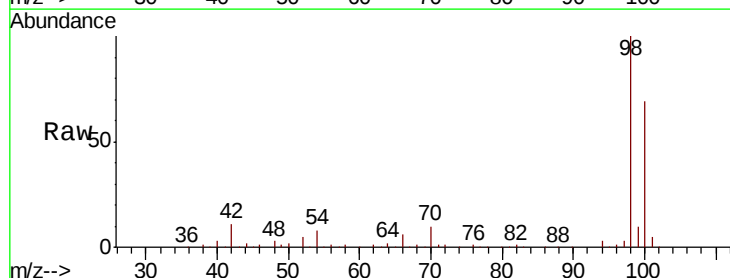
Instrument :
MSVOA_D
ClientSampleId :
VD0329SBL01

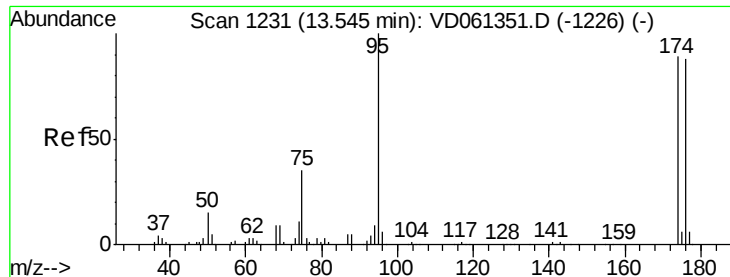
Tgt Ion:117 Resp: 72770
Ion Ratio Lower Upper
117 100
119 5.7 80.1 120.1#
121 0.0 25.6 38.4#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD061423.D
Acq: 29 Mar 2019 11:59

Tgt Ion: 98 Resp: 1301740
Ion Ratio Lower Upper
98 100
100 69.2 56.2 84.2

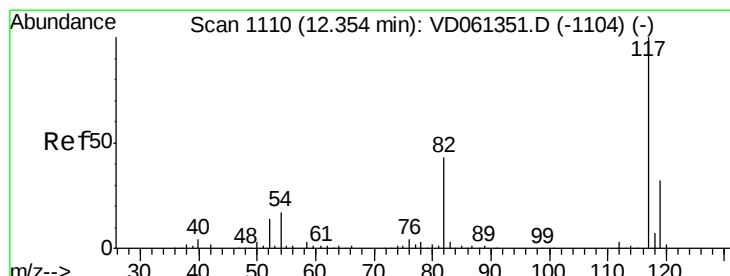
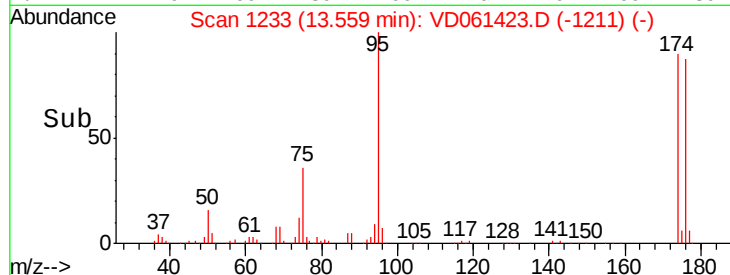
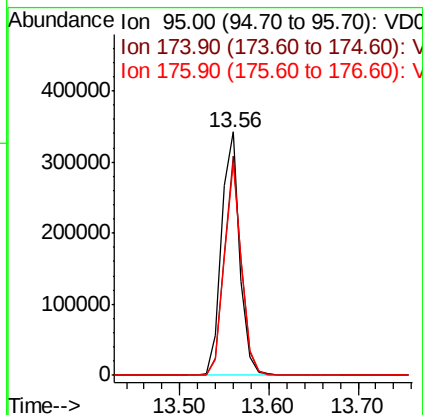
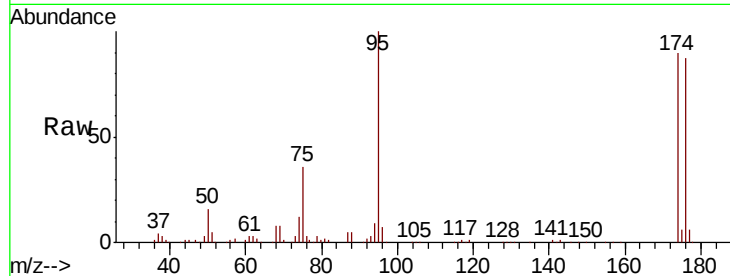




#62
 4-Bromofluorobenzene
 Concen: Below ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: VD061423.D
 Acq: 29 Mar 2019 11:59

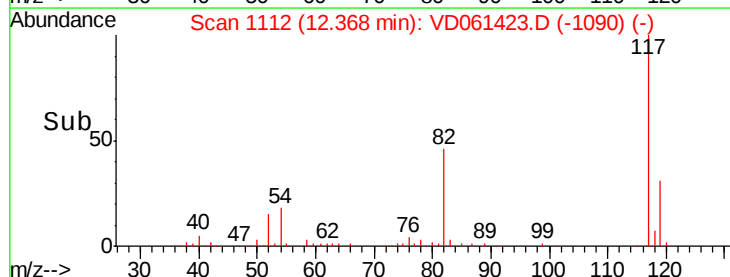
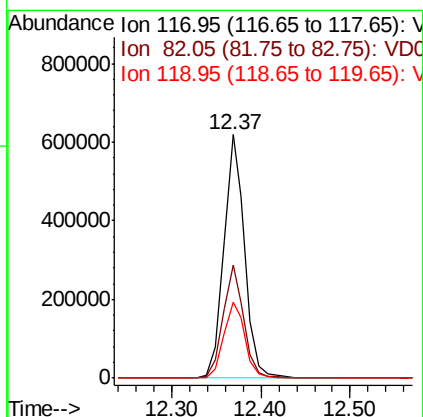
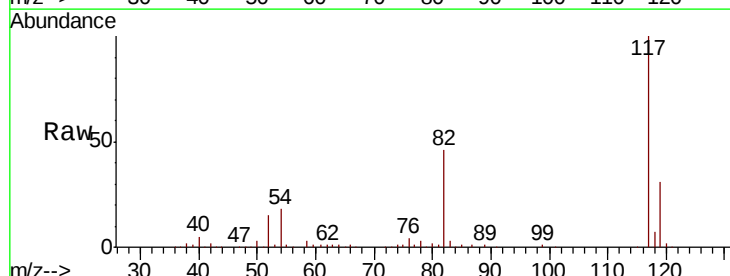
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0329SBL01

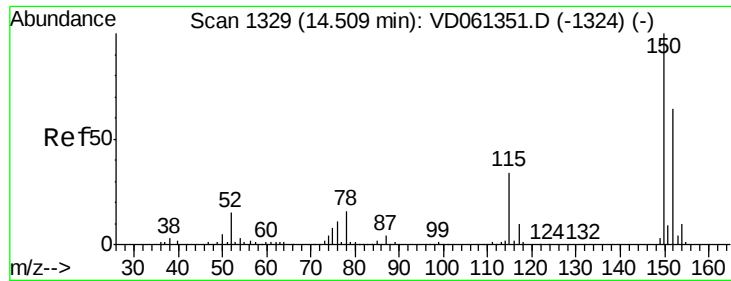
Tgt Ion: 95 Resp: 492456
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 178.0
 176 87.3 0.0 175.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: VD061423.D
 Acq: 29 Mar 2019 11:59

Tgt Ion: 117 Resp: 1018042
 Ion Ratio Lower Upper
 117 100
 82 46.2 34.4 51.6
 119 31.3 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBL01

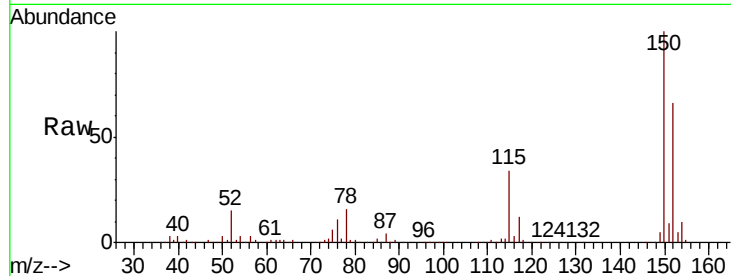
Tgt Ion:152 Resp: 493777

Ion Ratio Lower Upper

152 100

115 51.4 26.9 80.6

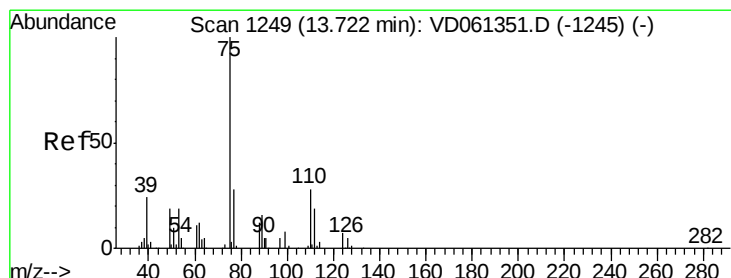
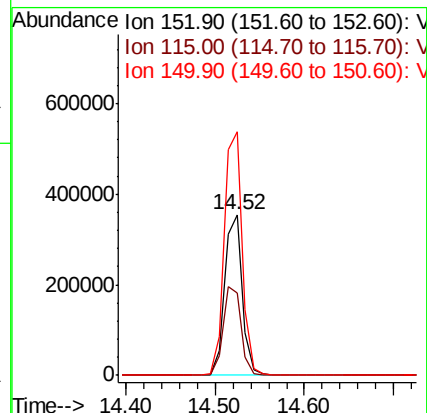
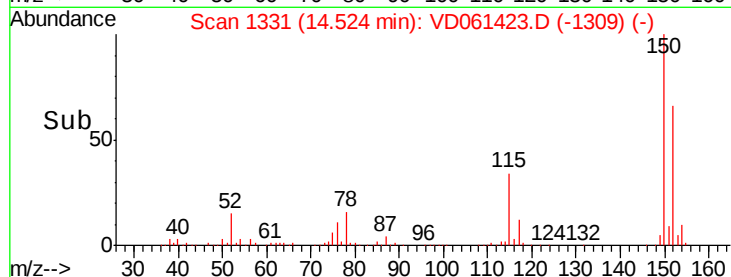
150 151.3 0.0 318.0



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: 23.511 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.16 min

Lab File: VD061423.D

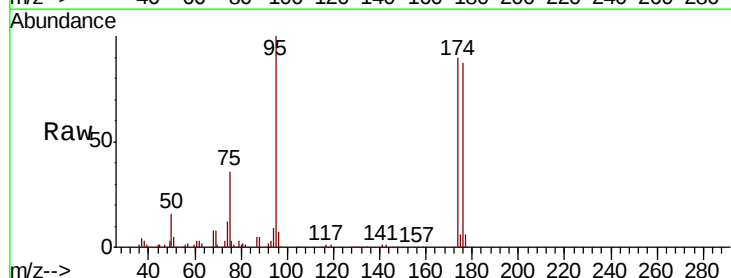
Acq: 29 Mar 2019 11:59

Tgt Ion: 75 Resp: 167697

Ion Ratio Lower Upper

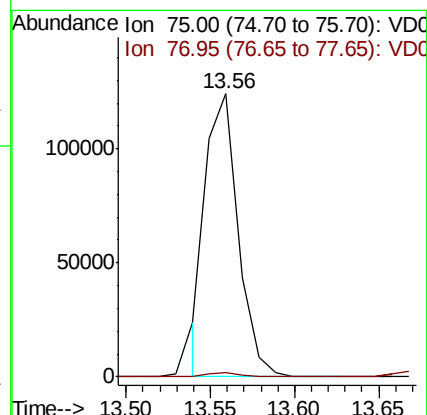
75 100

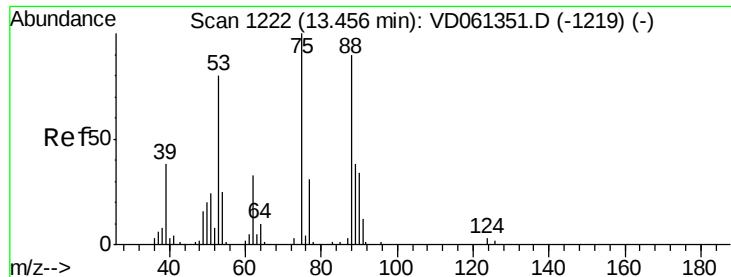
77 1.5 16.2 48.5#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 83.959 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.10 min

Lab File: VD061423.D

Acq: 29 Mar 2019 11:59

Instrument :

MSVOA_D

ClientSampleId :

VD0329SBL01

Tgt Ion: 75 Resp: 182593

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#

