

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 :

Quant Time: Mar 29 22:35:40 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

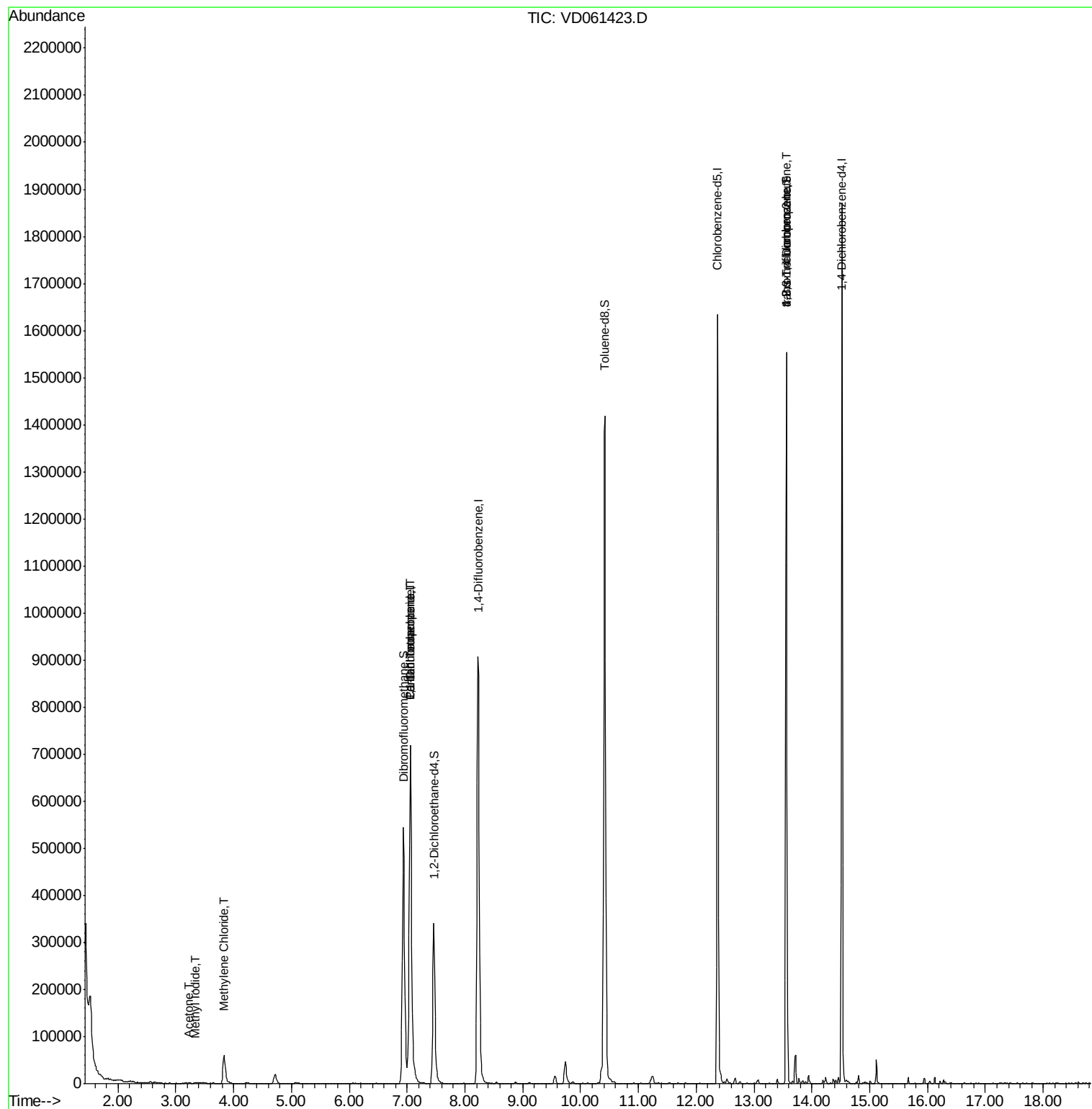
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	763213	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	1161785	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	1018042	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	493777	50.00	ug/l	0.01
System Monitoring 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

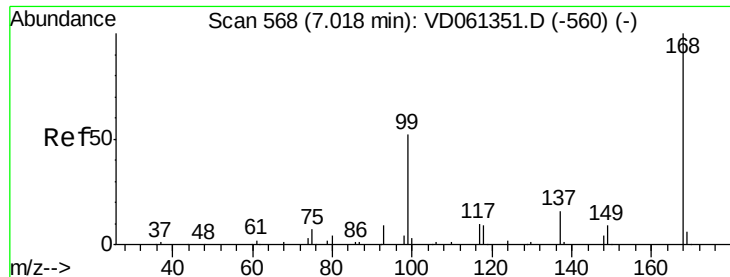
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032919\
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ClientSampleId :

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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

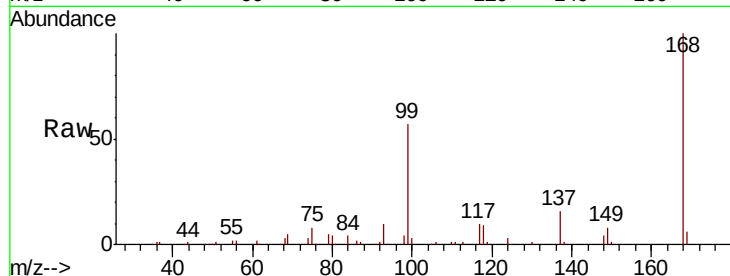
ClientSampleId :

Tot 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

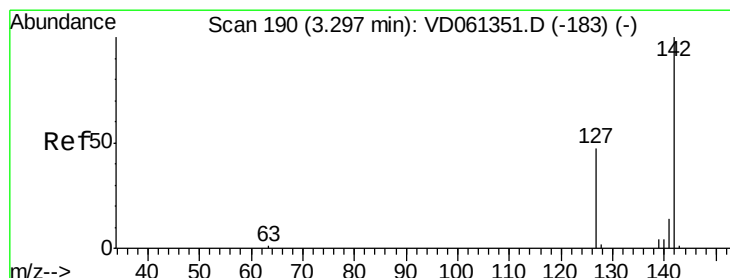
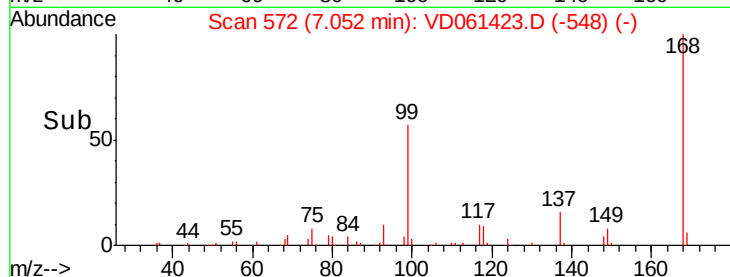
100000

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

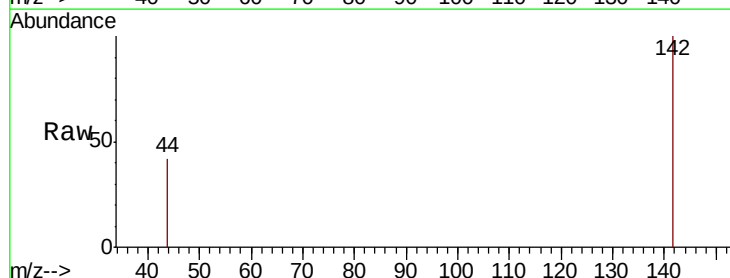
Tgt Ion:142 Resp: 3548

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

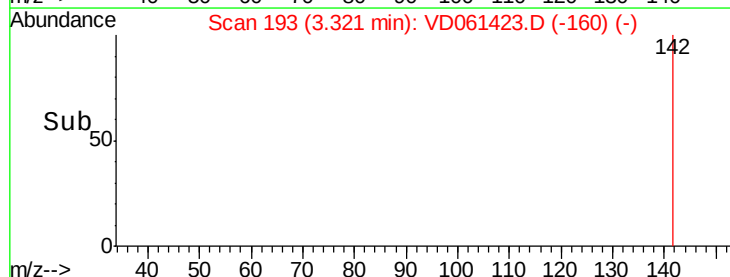
400

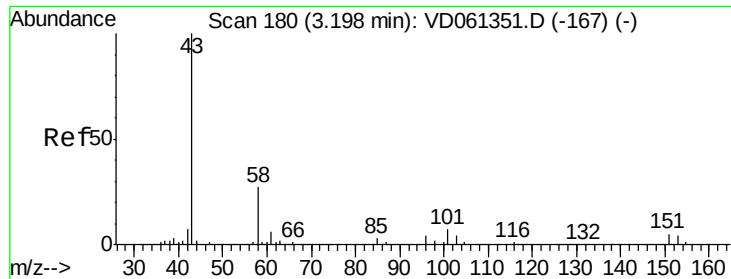
200

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

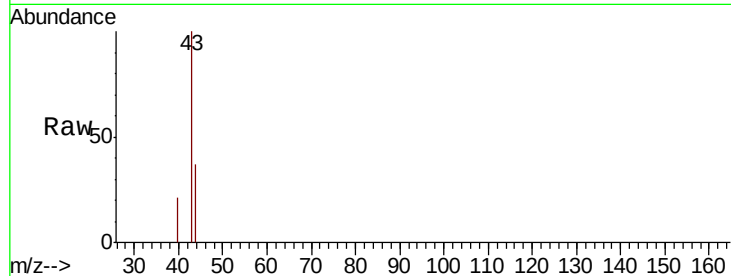
ClientSampleId :

Tot 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

2000

1500

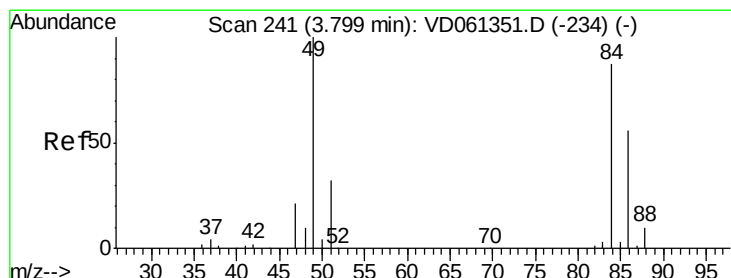
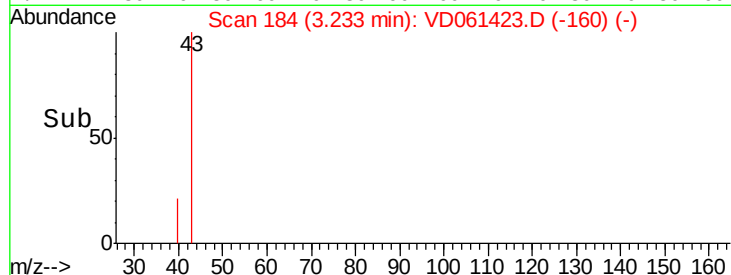
1000

500

0

3.15 3.20 3.25 3.30 3.35

Time-->



#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

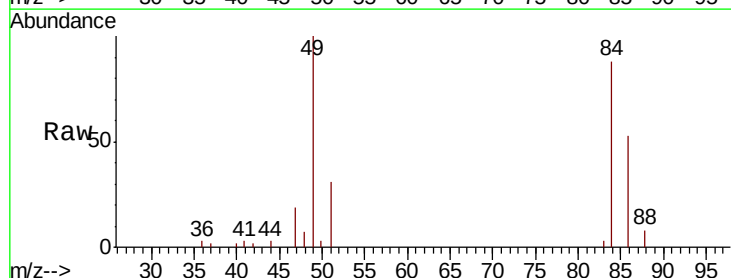
Ion Ratio Lower Upper

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

25000

20000

15000

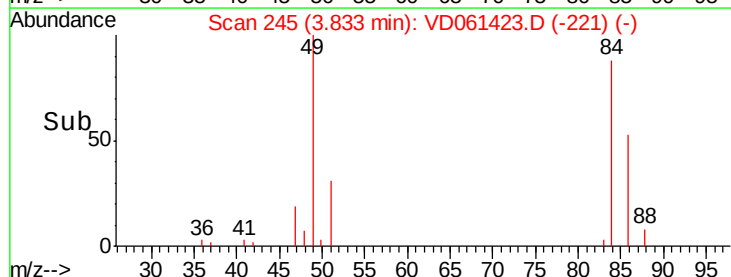
10000

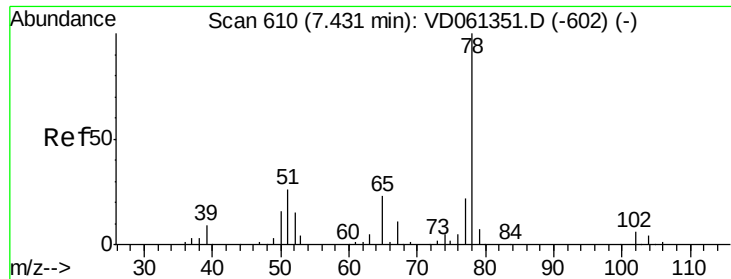
5000

0

3.70 3.80 3.90 4.00

Time-->

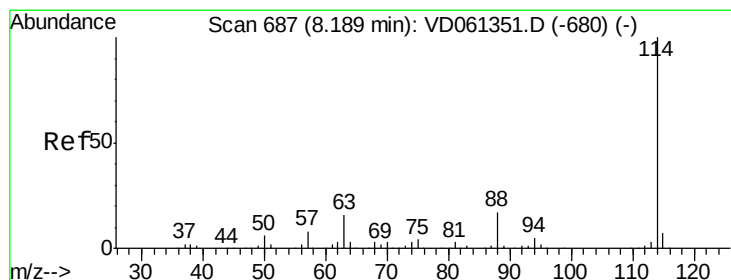
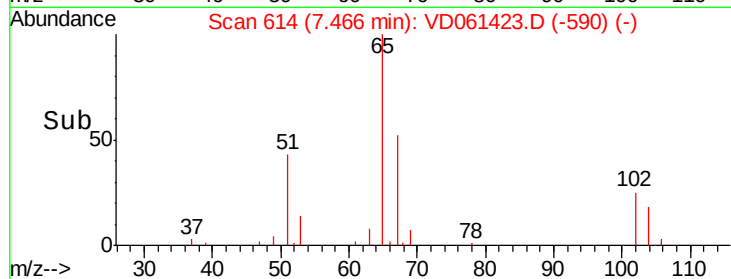
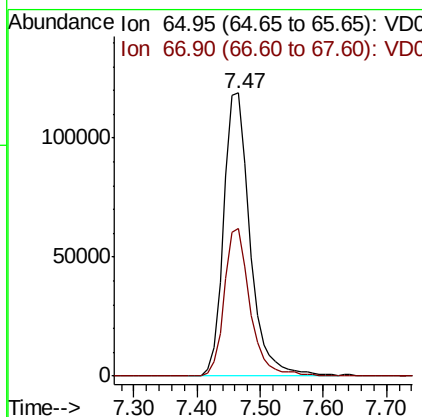
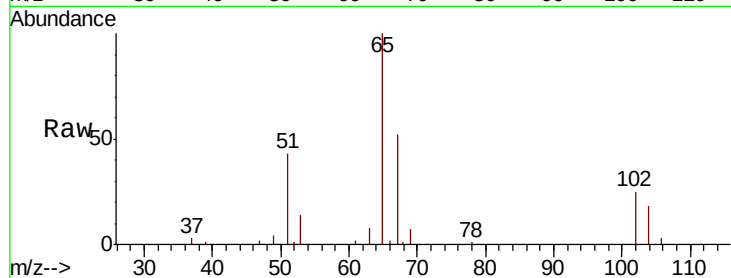




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.03 min
 Lab File: VD061423.D
 Acq: 29 Mar 2019 11:59

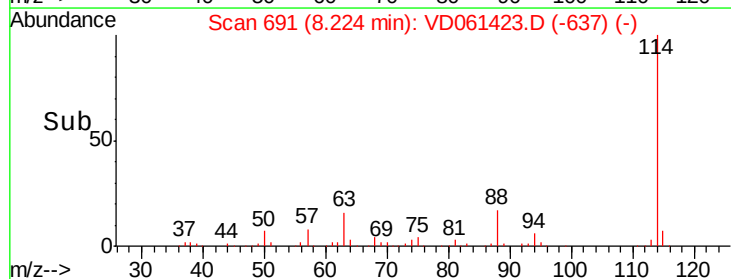
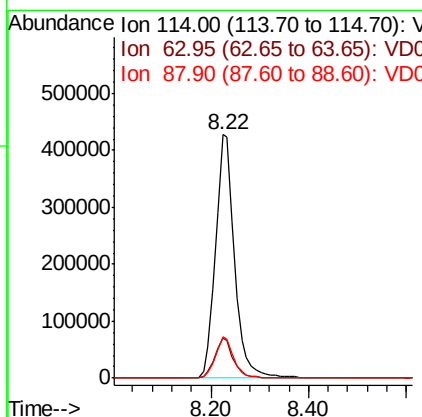
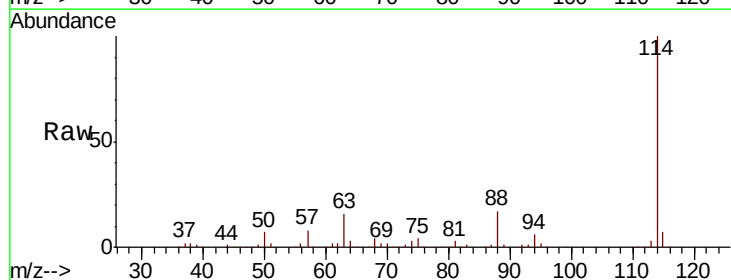
Instrument :
 MSVOA_D
 ClientSampled :

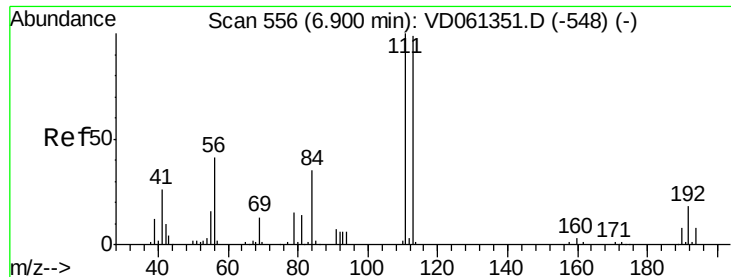
Tot Ion: 65 Resp: 345295
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 99.8



#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

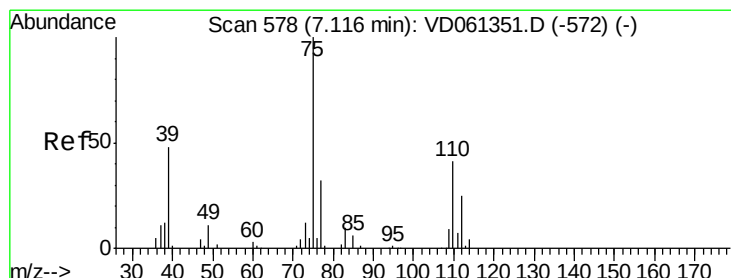
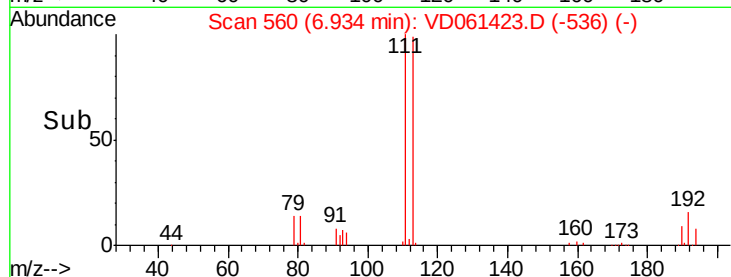
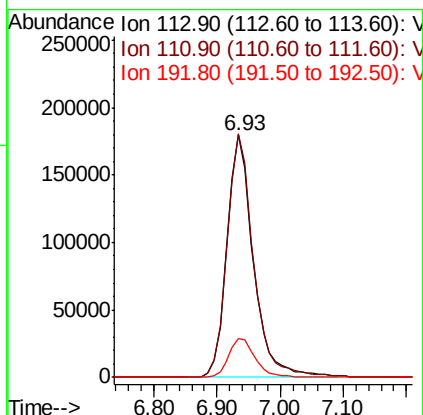
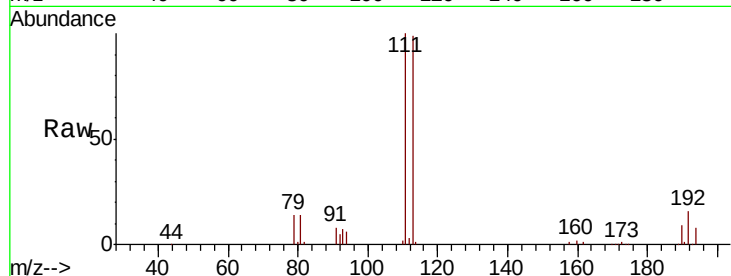




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.93 min Scan# 560
Delta R.T. 0.03 min
Lab File: VD061423.D
Acq: 29 Mar 2019 11:59

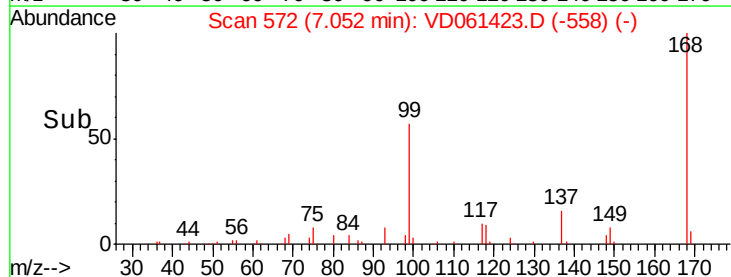
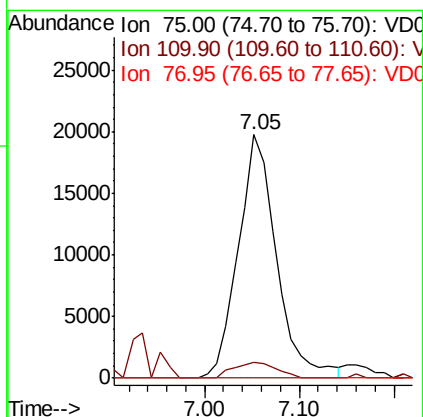
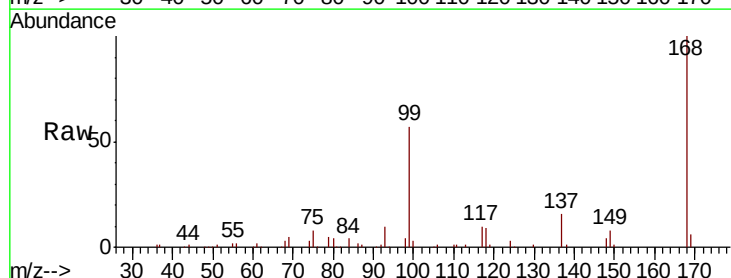
Instrument :
MSVOA_D
ClientSampled :

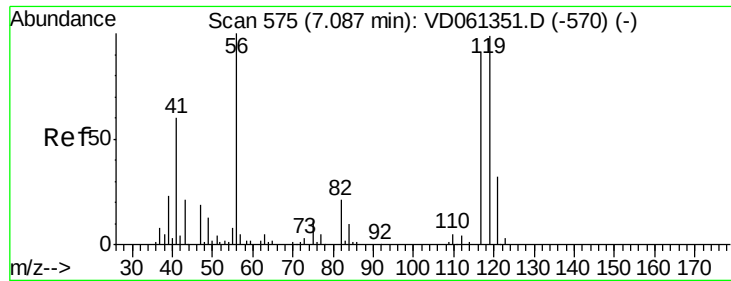
Tot Ion:113 Resp: 518438
Ion Ratio Lower Upper
113 100
111 100.7 81.0 121.6
192 16.0 14.4 21.6



#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#





#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 :

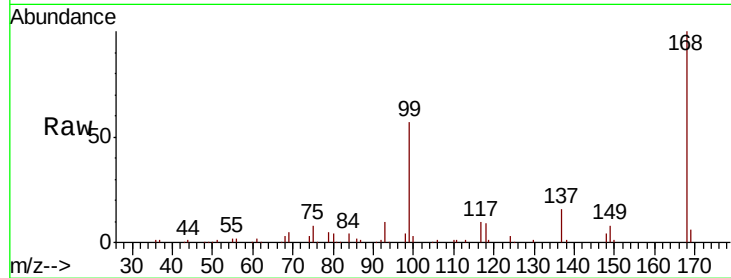
Tot Ion:117 Resp: 72770

Ion Ratio Lower Upper

117 100

119 5.7 80.1 120.1#

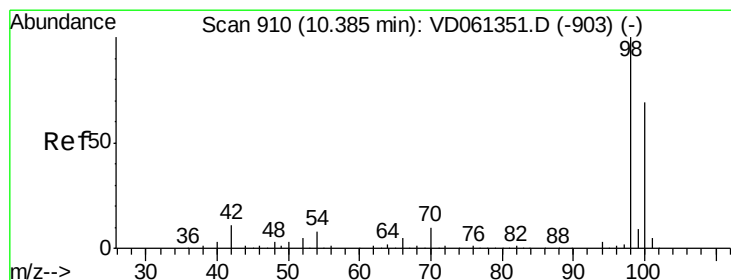
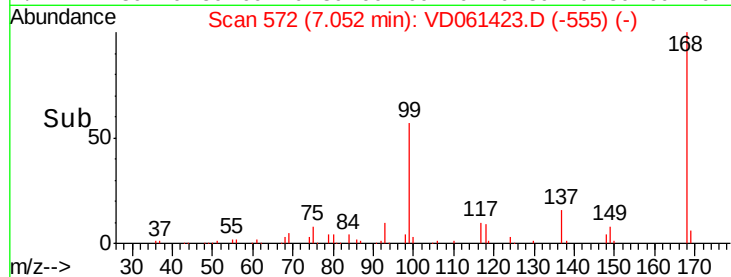
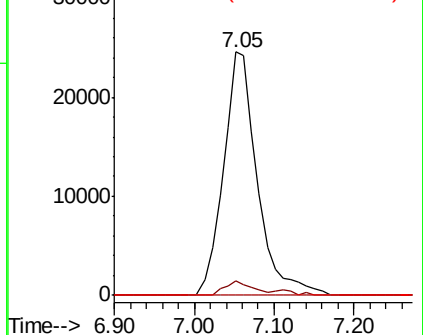
121 0.0 25.6 38.4#



Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.03 min

Lab File: VD061423.D

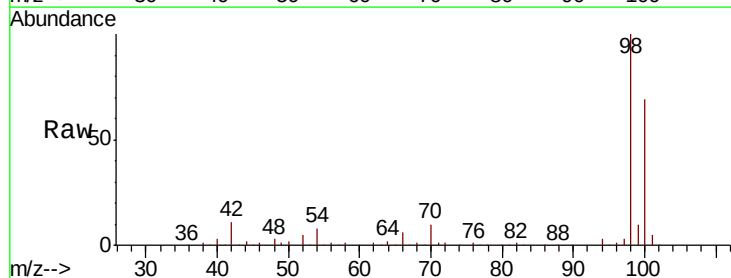
Acq: 29 Mar 2019 11:59

Tgt Ion: 98 Resp: 1301740

Ion Ratio Lower Upper

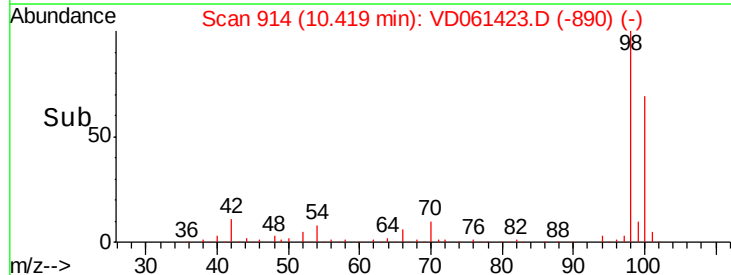
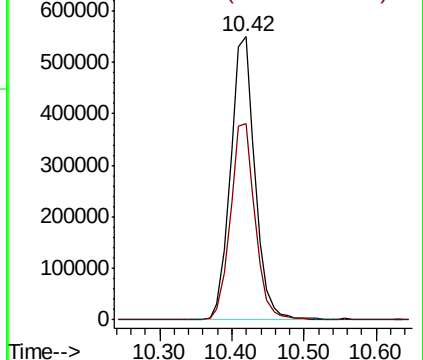
98 100

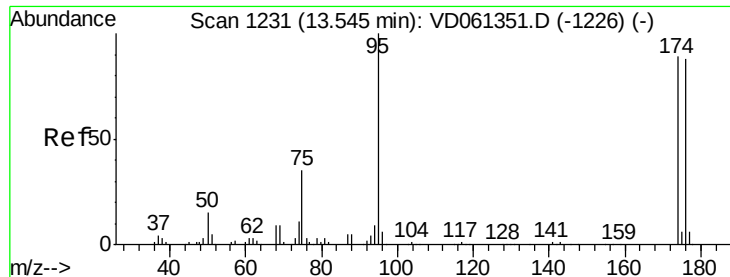
100 69.2 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

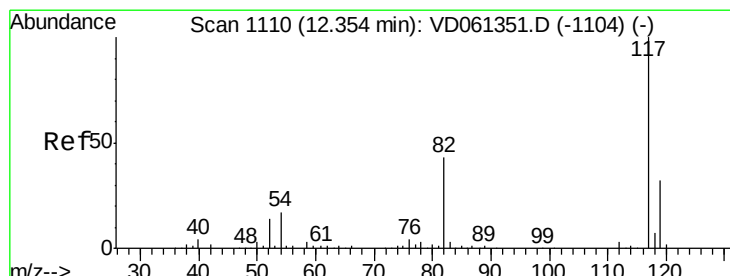
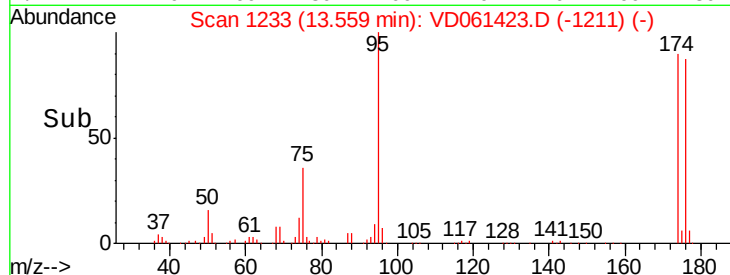
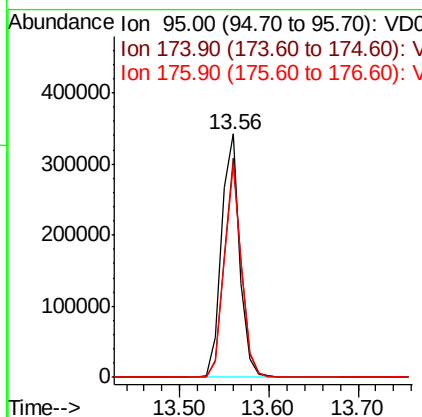
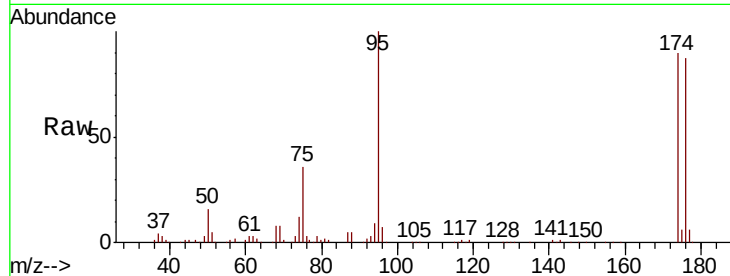




#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061423.D
Acq: 29 Mar 2019 11:59

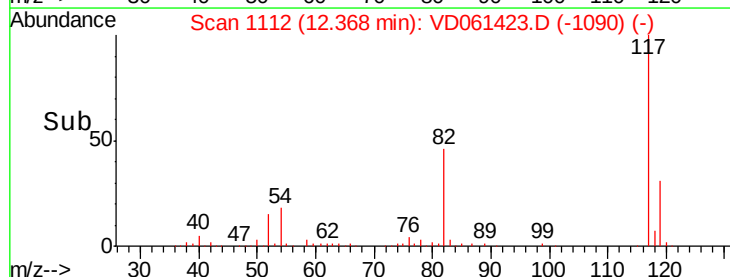
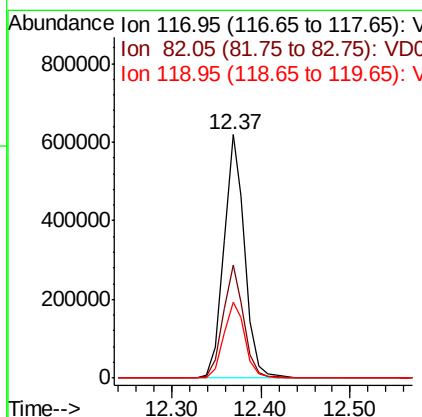
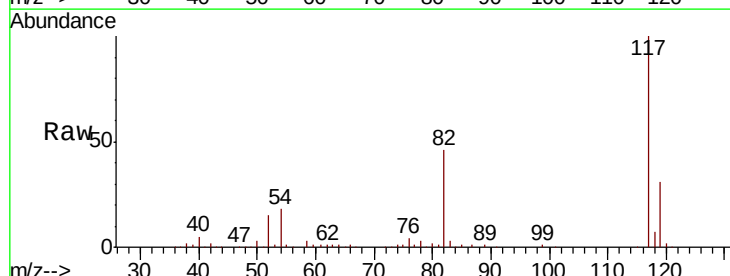
Instrument :
MSVOA_D
ClientSampleId :

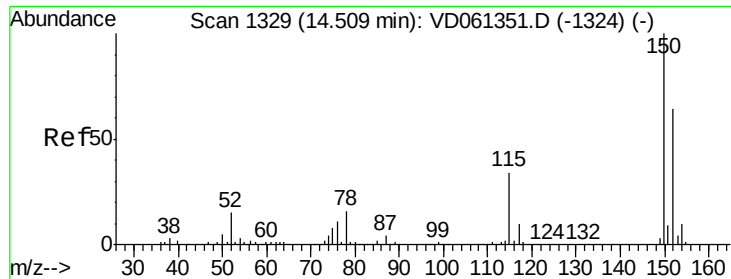
Tot Ion: 95 Resp: 492456
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.0
176 87.3 0.0 175.0



#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



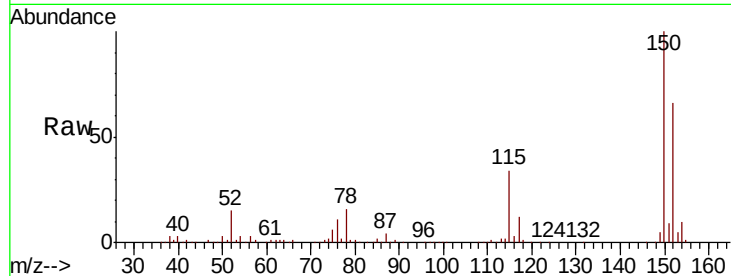


#72

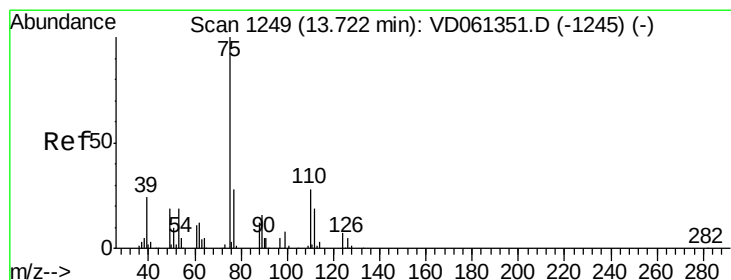
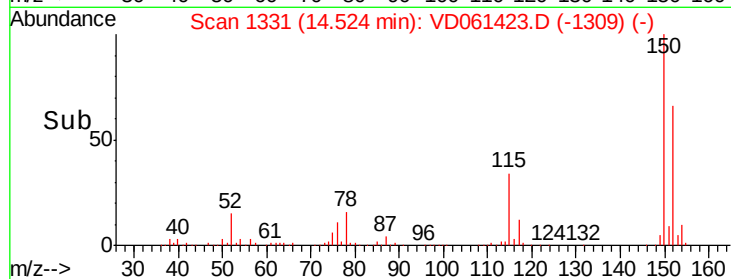
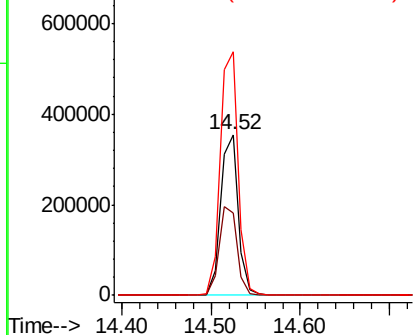
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061423.D
Acq: 29 Mar 2019 11:59

Instrument :
MSVOA_D
ClientSampleId :

Tot Ion:152 Resp: 493777
Ion Ratio Lower Upper
152 100
115 51.4 26.9 80.6
150 151.3 0.0 318.0



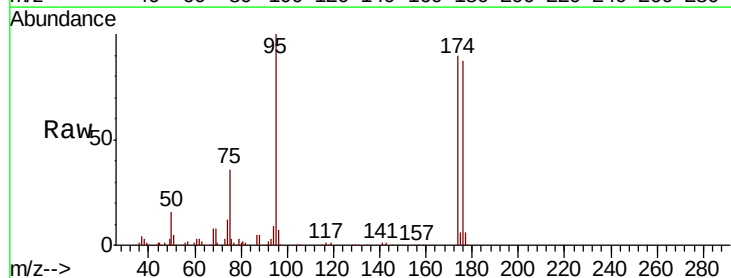
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



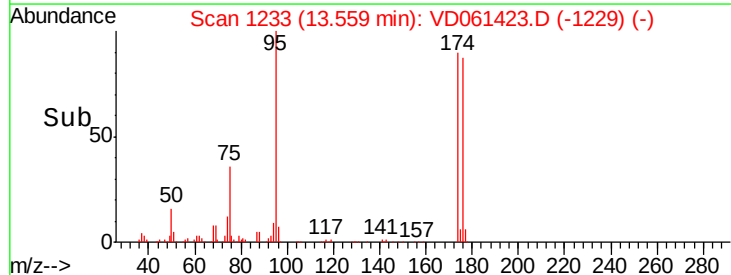
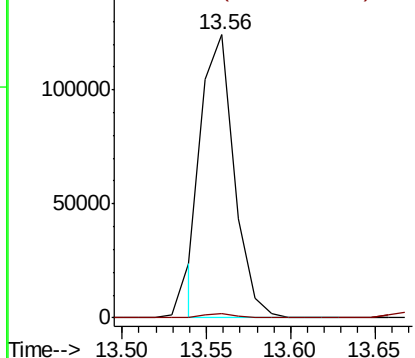
#76

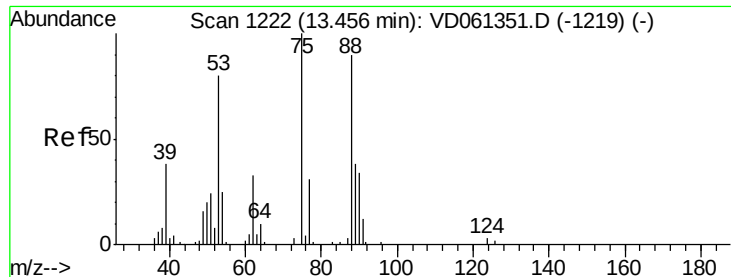
1,2,3-Trichloropropane
Concen: 23.511 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.16 min
Lab File: VD061423.D
Acq: 29 Mar 2019 11:59

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): VDC
Ion 76.95 (76.65 to 77.65): VDC





#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 :

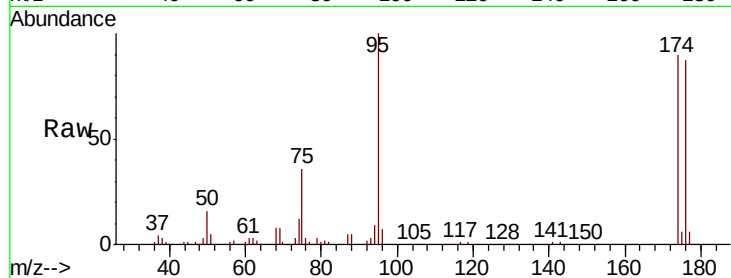
Tot Ion: 75 Resp: 182593

Ion Ratio Lower Upper

75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#



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

