

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD122718\
 Data File : VD060733.D
 Acq On : 27 Dec 2018 18:22
 Operator : VA/AP
 Sample : J6446-20RE
 Misc : 5.19g/5ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS023-1218-01RE

Quant Time: Dec 28 01:38:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122018S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 21 17:37:47 2018
 Response via : Initial Calibration

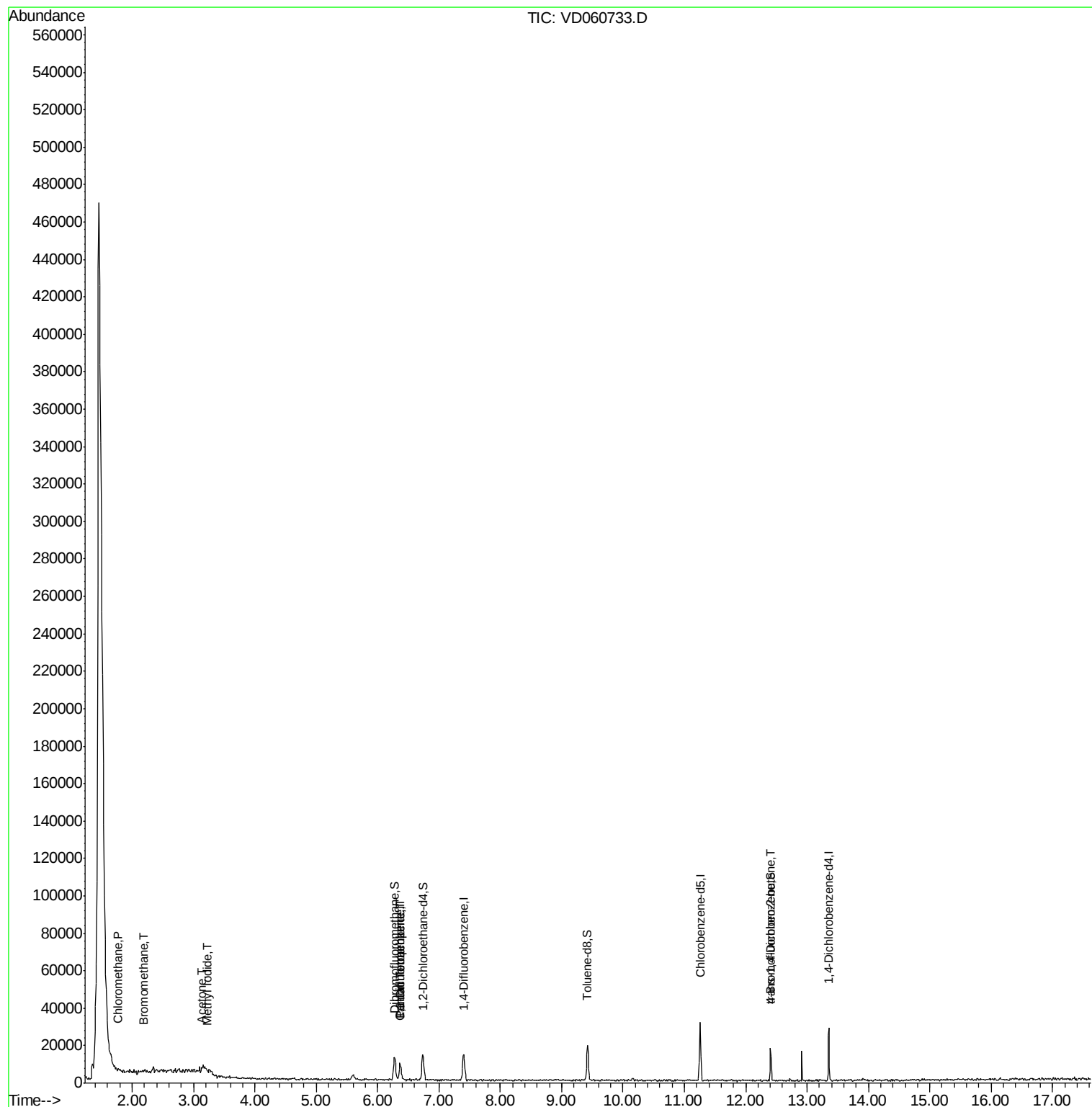
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.37	168	12197	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	7.40	114	19468	50.00	ug/l	-0.04
63) Chlorobenzene-d5	11.26	117	20340	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	7958	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.73	65	13538	160.61	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	321.22%	
35) Dibromofluoromethane	6.27	113	10692	75.04	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	150.08%	
50) Toluene-d8	9.42	98	16290	38.32	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	76.64%	
62) 4-Bromofluorobenzene	12.40	95	5351	35.94	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	71.88%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.77	50	521	3.632	ug/l #	41
5) Bromomethane	2.18	94	1039	40.733	ug/l #	2
10) Methyl Iodide	3.23	142	182	2.108	ug/l #	36
16) Acetone	3.13	43	1902	129.211	ug/l #	53
36) 1,1-Dichloropropene	6.37	75	433	2.160	ug/l #	40
38) Carbon Tetrachloride	6.38	117	456	2.578	ug/l #	12
81) trans-1,4-Dichloro-2-buten	12.40	75	2157	86.159	ug/l #	13

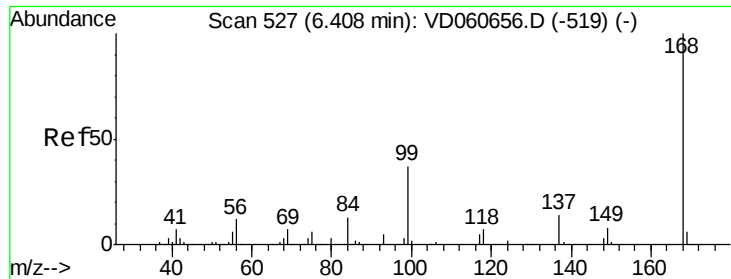
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD122718\
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Quant Title : SW846 8260
QLast Update : Fri Dec 21 17:37:47 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.37 min Scan# 523

Delta R.T. -0.04 min

Lab File: VD060733.D

Acq: 27 Dec 2018 18:22

Instrument :

MSVOA_D

ClientSampleId :

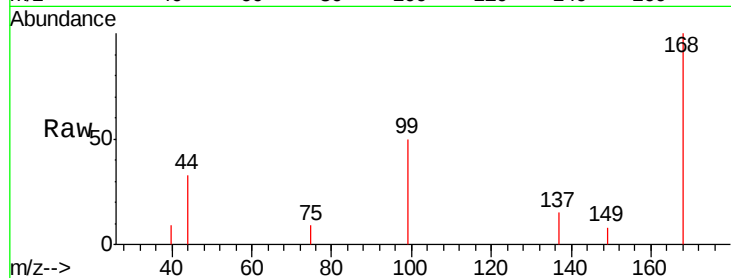
P001-SS023-1218-01RE

Tgt Ion:168 Resp: 12197

Ion Ratio Lower Upper

168 100

99 50.1 38.7 58.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.37

4000

3000

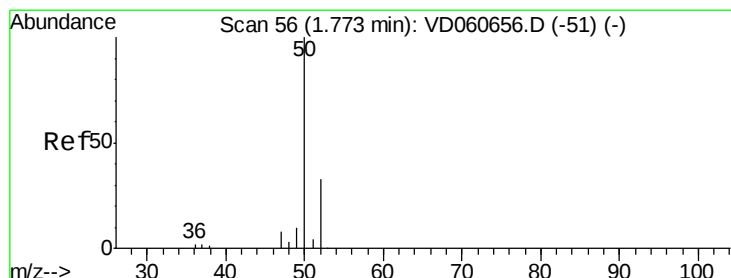
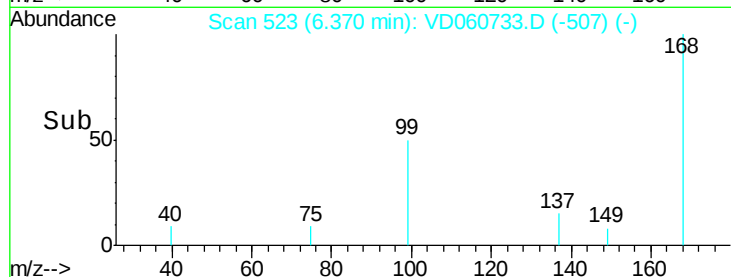
2000

1000

0

6.25 6.30 6.35 6.40 6.45

Time-->



#3

Chloromethane

Concen: 3.632 ug/l

RT: 1.77 min Scan# 56

Delta R.T. 0.00 min

Lab File: VD060733.D

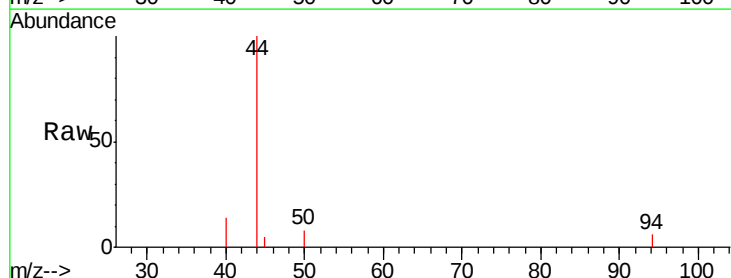
Acq: 27 Dec 2018 18:22

Tgt Ion: 50 Resp: 521

Ion Ratio Lower Upper

50 100

52 0.0 26.6 39.8#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

1.77

500

400

300

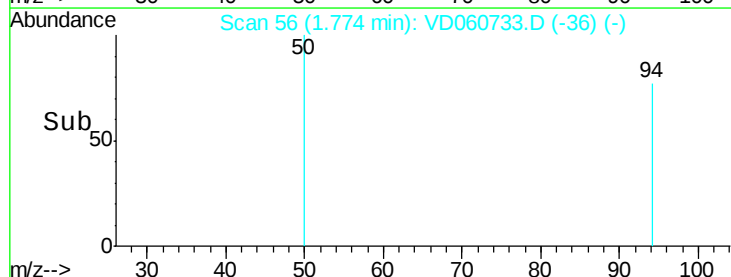
200

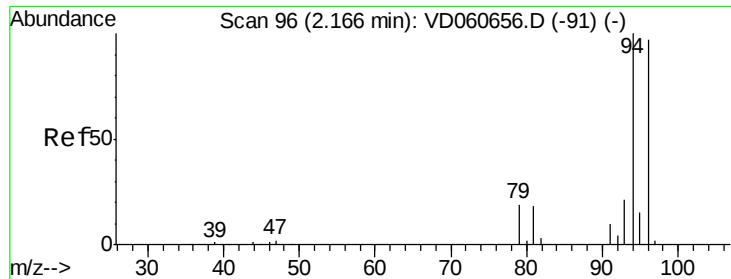
100

0

1.72 1.74 1.76 1.78 1.80

Time-->





#5

Bromomethane

Concen: 40.733 ug/l

RT: 2.18 min Scan# 97

Delta R.T. 0.01 min

Lab File: VD060733.D

Acq: 27 Dec 2018 18:22

Instrument :

MSVOA_D

ClientSampleId :

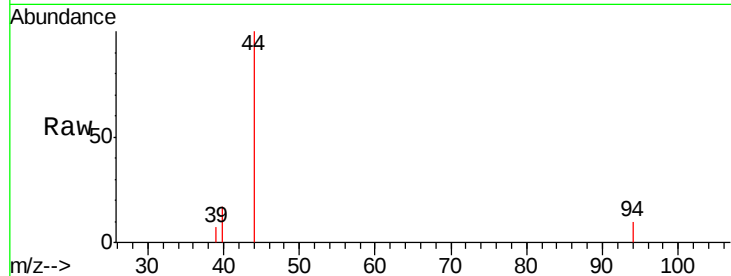
P001-SS023-1218-01RE

Tgt Ion: 94 Resp: 1039

Ion Ratio Lower Upper

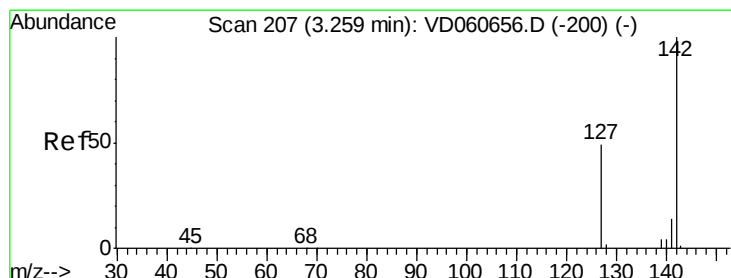
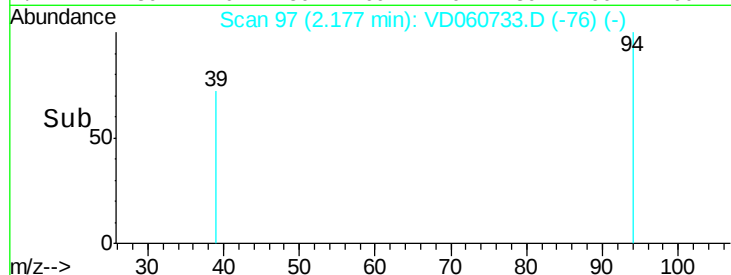
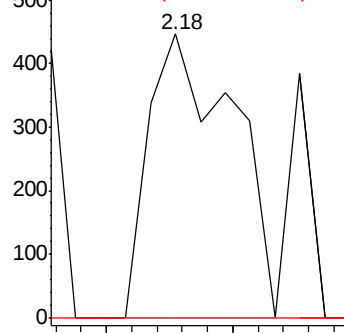
94 100

96 0.0 77.2 115.8#



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#10

Methyl Iodide

Concen: 2.108 ug/l

RT: 3.23 min Scan# 204

Delta R.T. -0.03 min

Lab File: VD060733.D

Acq: 27 Dec 2018 18:22

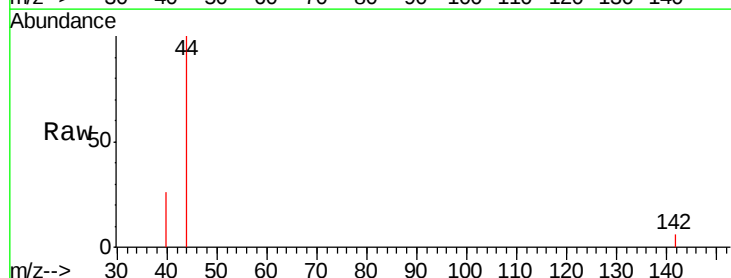
Tgt Ion: 142 Resp: 182

Ion Ratio Lower Upper

142 100

127 0.0 39.5 59.3#

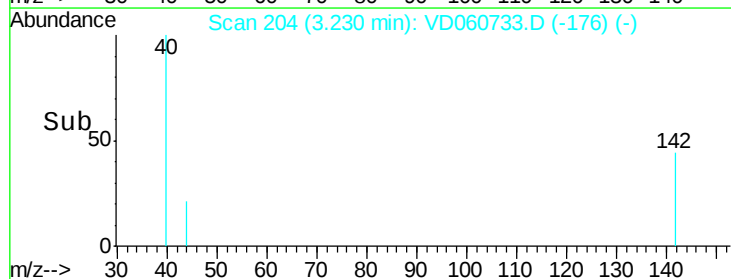
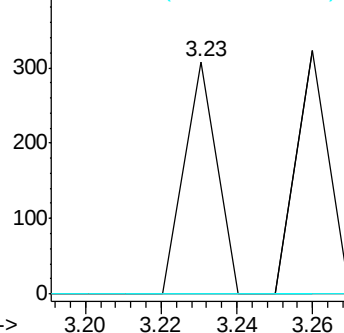
141 0.0 11.3 16.9#

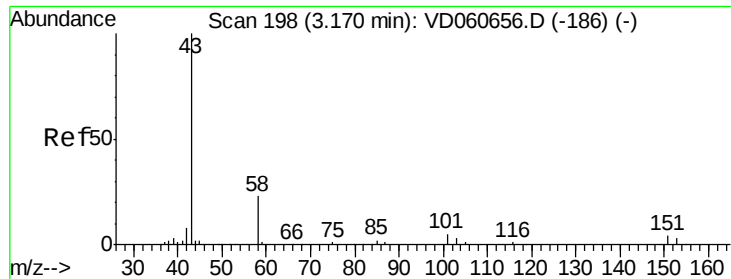


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V





#16

Acetone

Concen: 129.211 ug/l

RT: 3.13 min Scan# 194

Delta R.T. -0.04 min

Lab File: VD060733.D

Acq: 27 Dec 2018 18:22

Instrument :

MSVOA_D

ClientSampleId :

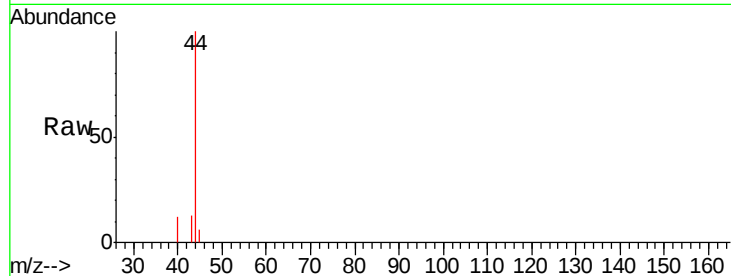
P001-SS023-1218-01RE

Tgt Ion: 43 Resp: 1902

Ion Ratio Lower Upper

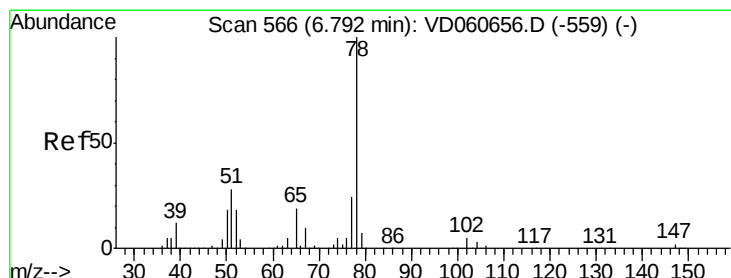
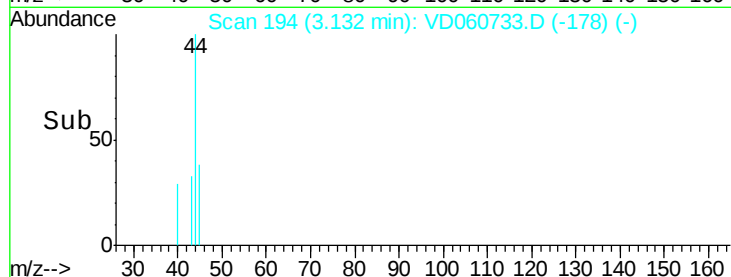
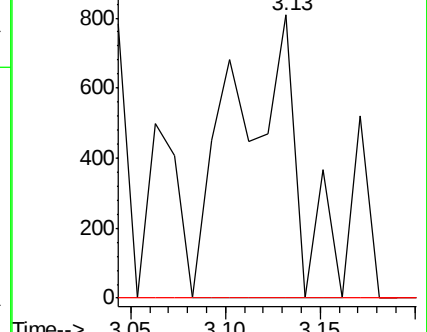
43 100

58 0.0 18.2 27.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.73 min Scan# 560

Delta R.T. -0.06 min

Lab File: VD060733.D

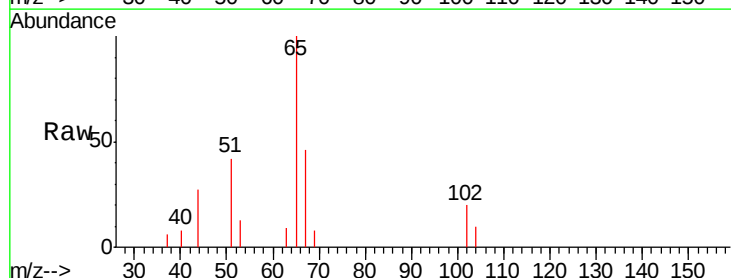
Acq: 27 Dec 2018 18:22

Tgt Ion: 65 Resp: 13538

Ion Ratio Lower Upper

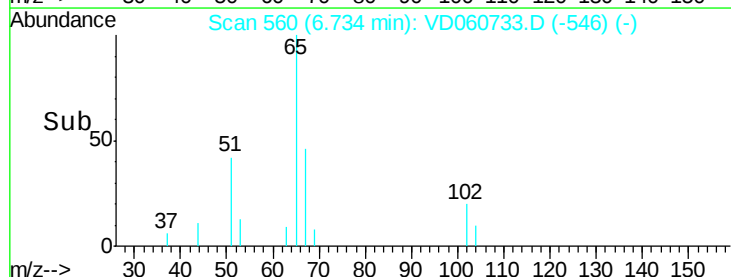
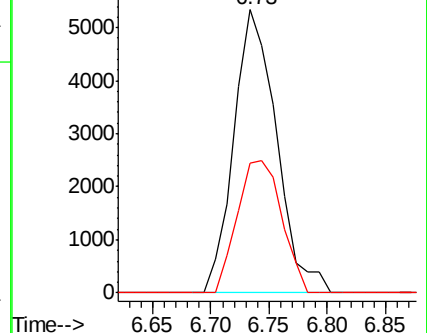
65 100

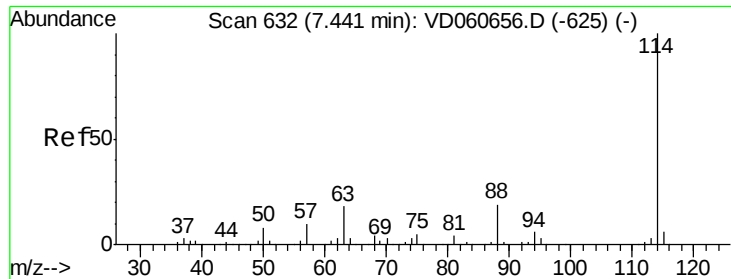
67 45.7 0.0 105.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

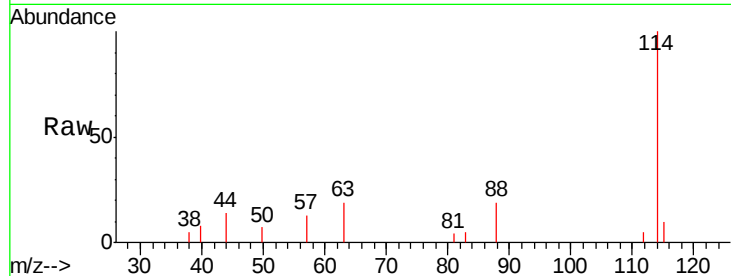




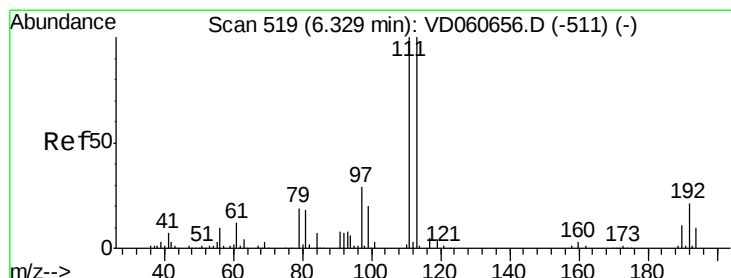
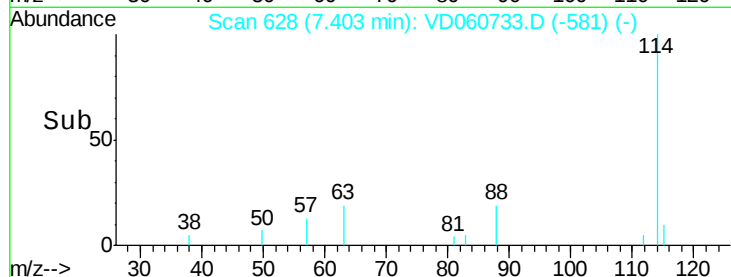
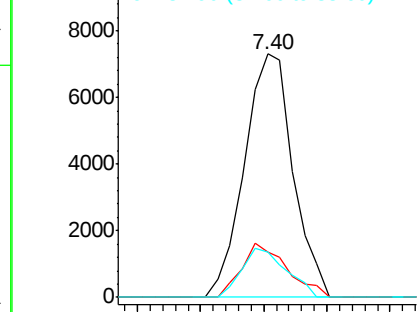
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.40 min Scan# 628
 Delta R.T. -0.04 min
 Lab File: VD060733.D
 Acq: 27 Dec 2018 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS023-1218-01RE

Tgt Ion:114 Resp: 19468
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.2
 88 18.8 0.0 37.0

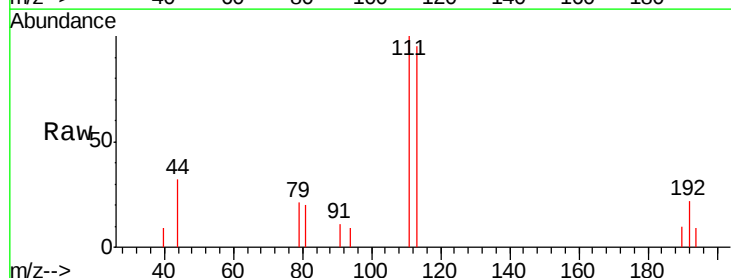


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

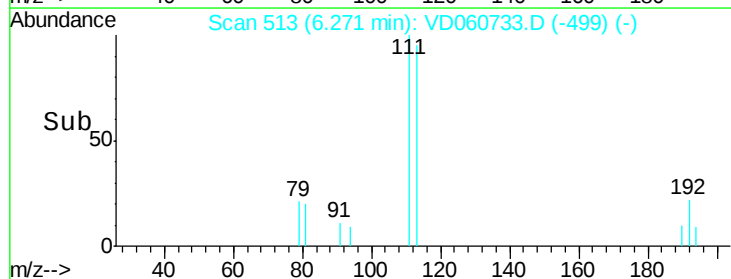
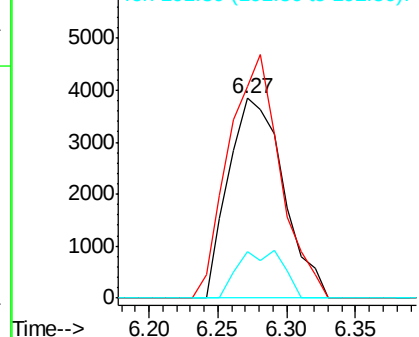


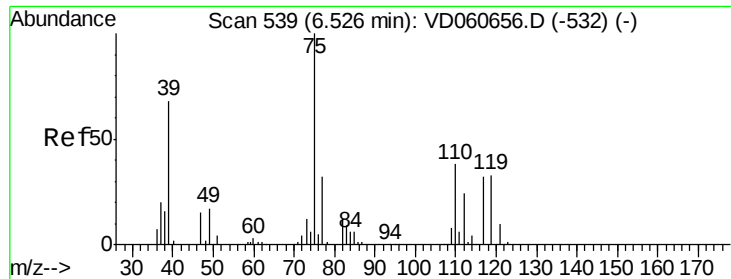
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.27 min Scan# 513
 Delta R.T. -0.06 min
 Lab File: VD060733.D
 Acq: 27 Dec 2018 18:22

Tgt Ion:113 Resp: 10692
 Ion Ratio Lower Upper
 113 100
 111 105.7 80.0 120.0
 192 23.4 16.6 25.0



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

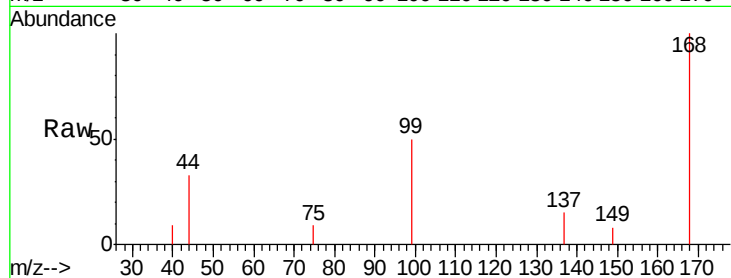




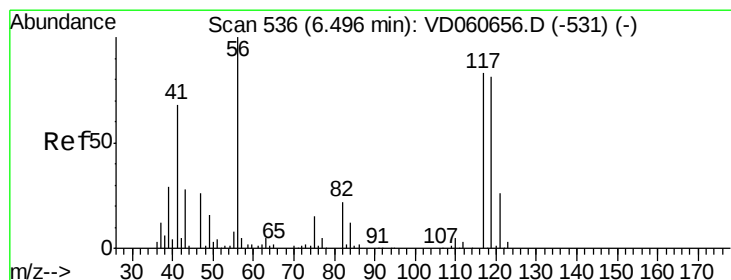
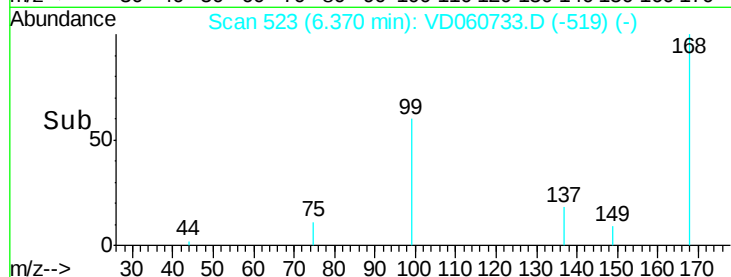
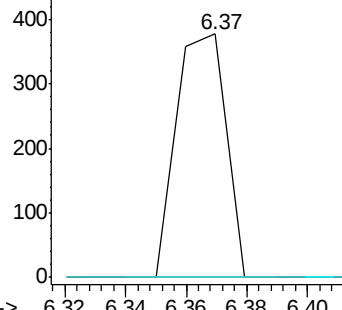
#36
 1,1-Dichloropropene
 Concen: 2.160 ug/l
 RT: 6.37 min Scan# 523
 Delta R.T. -0.16 min
 Lab File: VD060733.D
 Acq: 27 Dec 2018 18:22

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-SS023-1218-01RE

Tgt Ion: 75 Resp: 433
 Ion Ratio Lower Upper
 75 100
 110 0.0 18.9 56.7#
 77 0.0 25.4 38.0#

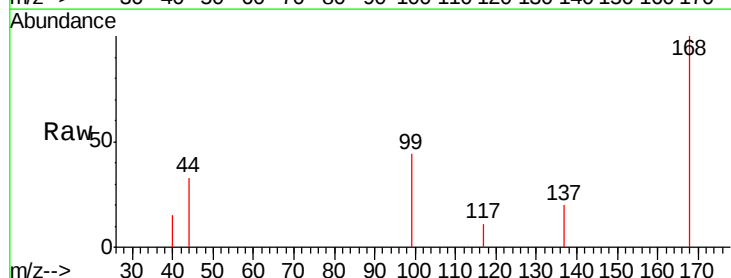


Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.95 (76.65 to 77.65): V

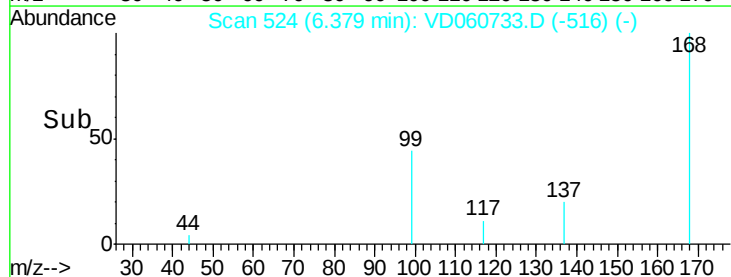
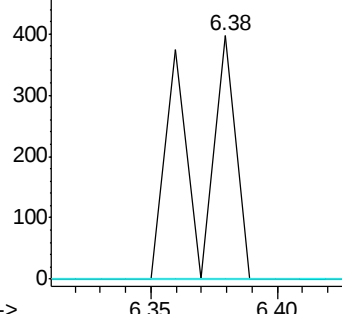


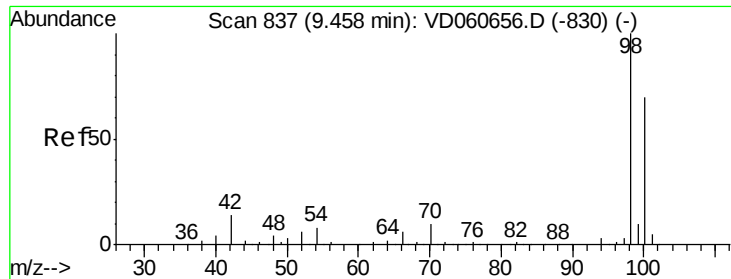
#38
 Carbon Tetrachloride
 Concen: 2.578 ug/l
 RT: 6.38 min Scan# 524
 Delta R.T. -0.12 min
 Lab File: VD060733.D
 Acq: 27 Dec 2018 18:22

Tgt Ion: 117 Resp: 456
 Ion Ratio Lower Upper
 117 100
 119 0.0 77.0 115.4#
 121 0.0 24.7 37.1#



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

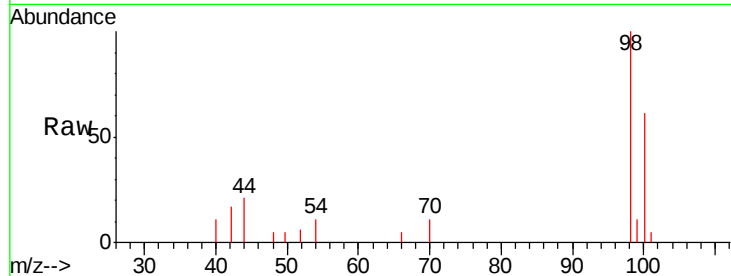




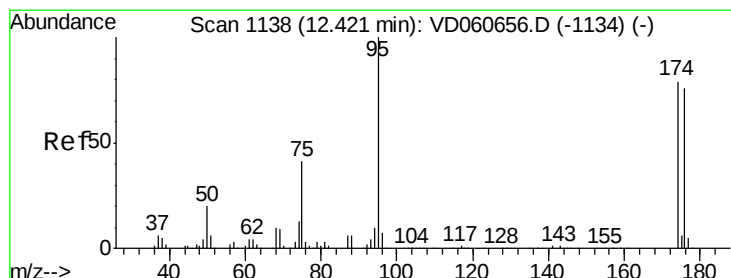
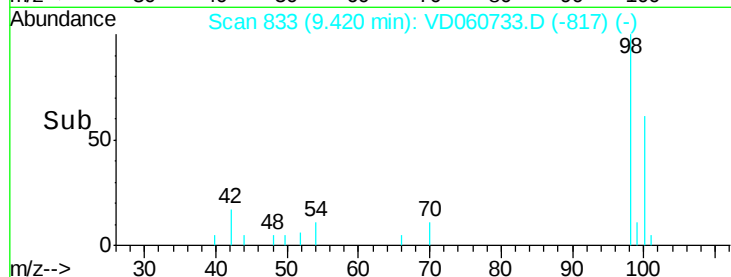
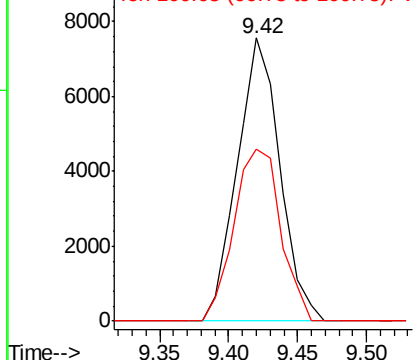
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.42 min Scan# 833
Delta R.T. -0.04 min
Lab File: VD060733.D
Acq: 27 Dec 2018 18:22

Instrument :
MSVOA_D
ClientSampleId :
P001-SS023-1218-01RE

Tgt Ion: 98 Resp: 16290
Ion Ratio Lower Upper
98 100
100 60.9 55.8 83.8

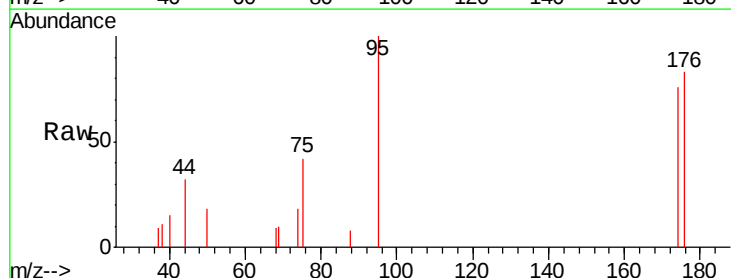


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

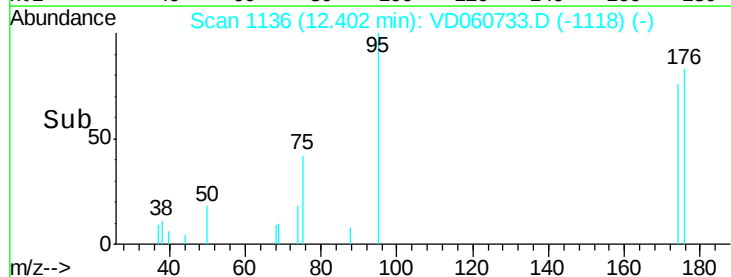
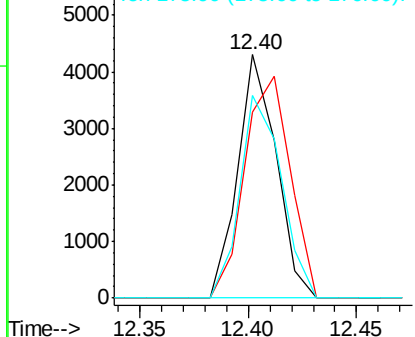


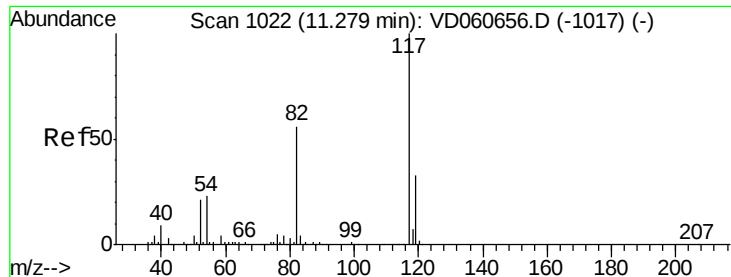
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 1136
Delta R.T. -0.02 min
Lab File: VD060733.D
Acq: 27 Dec 2018 18:22

Tgt Ion: 95 Resp: 5351
Ion Ratio Lower Upper
95 100
174 76.5 0.0 158.2
176 83.0 0.0 152.4



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC

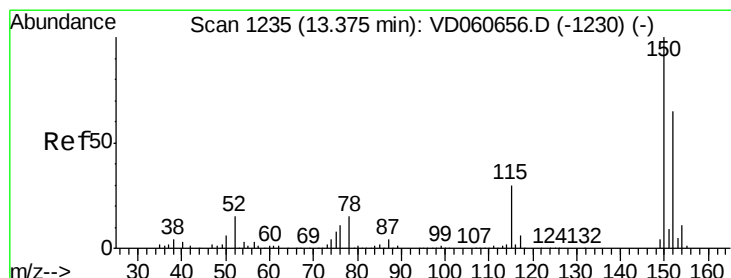
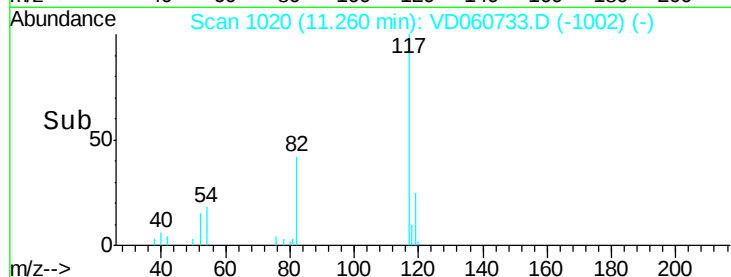
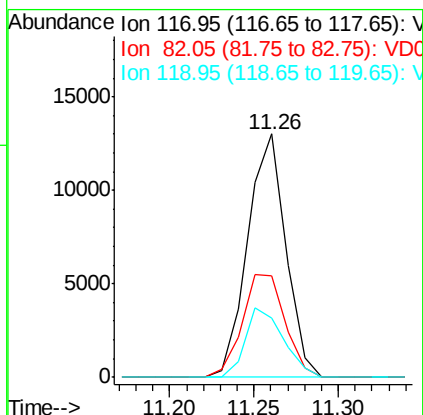
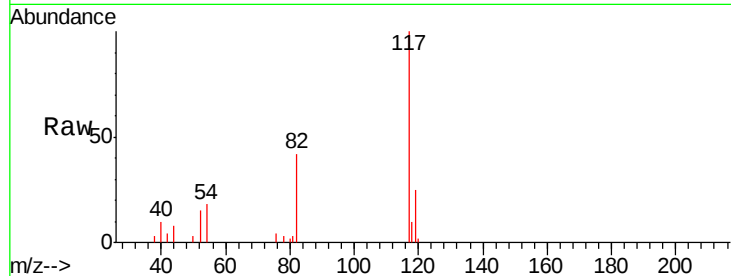




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 1020
Delta R.T. -0.02 min
Lab File: VD060733.D
Acq: 27 Dec 2018 18:22

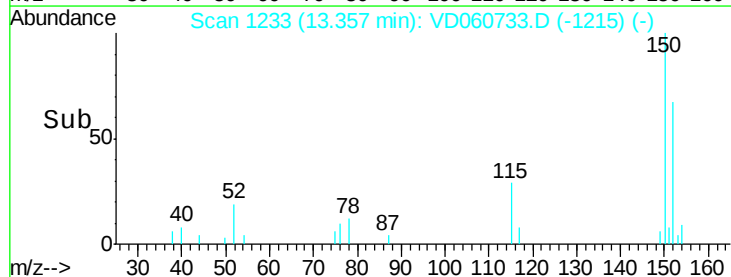
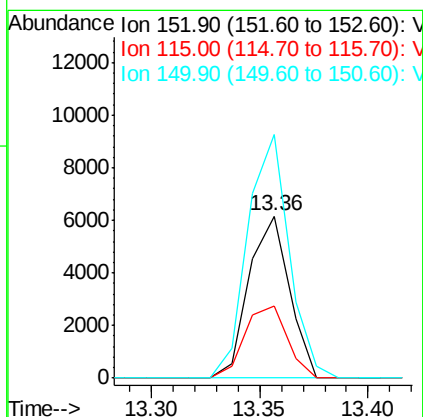
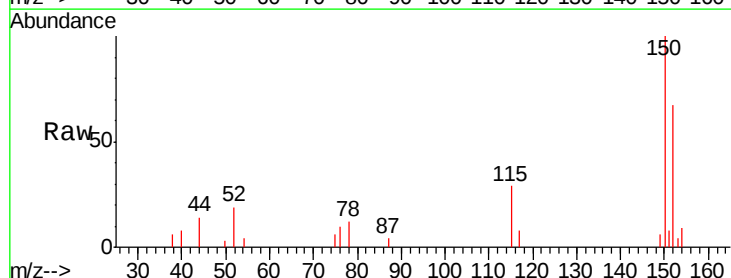
Instrument :
MSVOA_D
ClientSampleId :
P001-SS023-1218-01RE

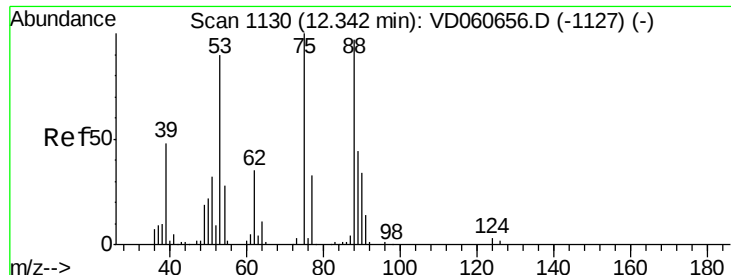
Tgt Ion:117 Resp: 20340
Ion Ratio Lower Upper
117 100
82 41.6 44.5 66.7#
119 24.5 26.3 39.5#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1233
Delta R.T. -0.02 min
Lab File: VD060733.D
Acq: 27 Dec 2018 18:22

Tgt Ion:152 Resp: 7958
Ion Ratio Lower Upper
152 100
115 44.3 24.1 72.3
150 150.2 0.0 315.0





#81

trans-1,4-Dichloro-2-butene

Concen: 86.159 ug/l

RT: 12.40 min Scan# 1136

Delta R.T. 0.06 min

Lab File: VD060733.D

Acq: 27 Dec 2018 18:22

Instrument :

MSVOA_D

ClientSampleId :

P001-SS023-1218-01RE

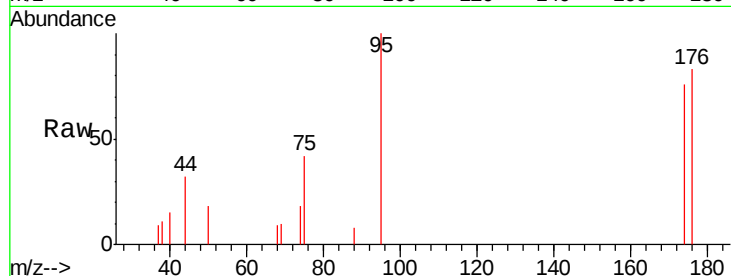
Tgt Ion: 75 Resp: 2157

Ion Ratio Lower Upper

75 100

53 0.0 72.1 108.1#

89 0.0 35.1 52.7#



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

