

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050819\
 Data File : VD062178.D
 Acq On : 8 May 2019 17:06
 Operator : FY/SY
 Sample : K2672-19
 Misc : 4.99g/5mL/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-10-1.0-1.5

Quant Time: May 09 01:25:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	3783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	5305	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	3577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	1510	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.42	65	2837	80.70	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	161.40%	
35) Dibromofluoromethane	6.89	113	2032	46.16	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	92.32%	
50) Toluene-d8	10.39	98	5285	49.80	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.60%	
62) 4-Bromofluorobenzene	13.54	95	1571	36.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.72%	

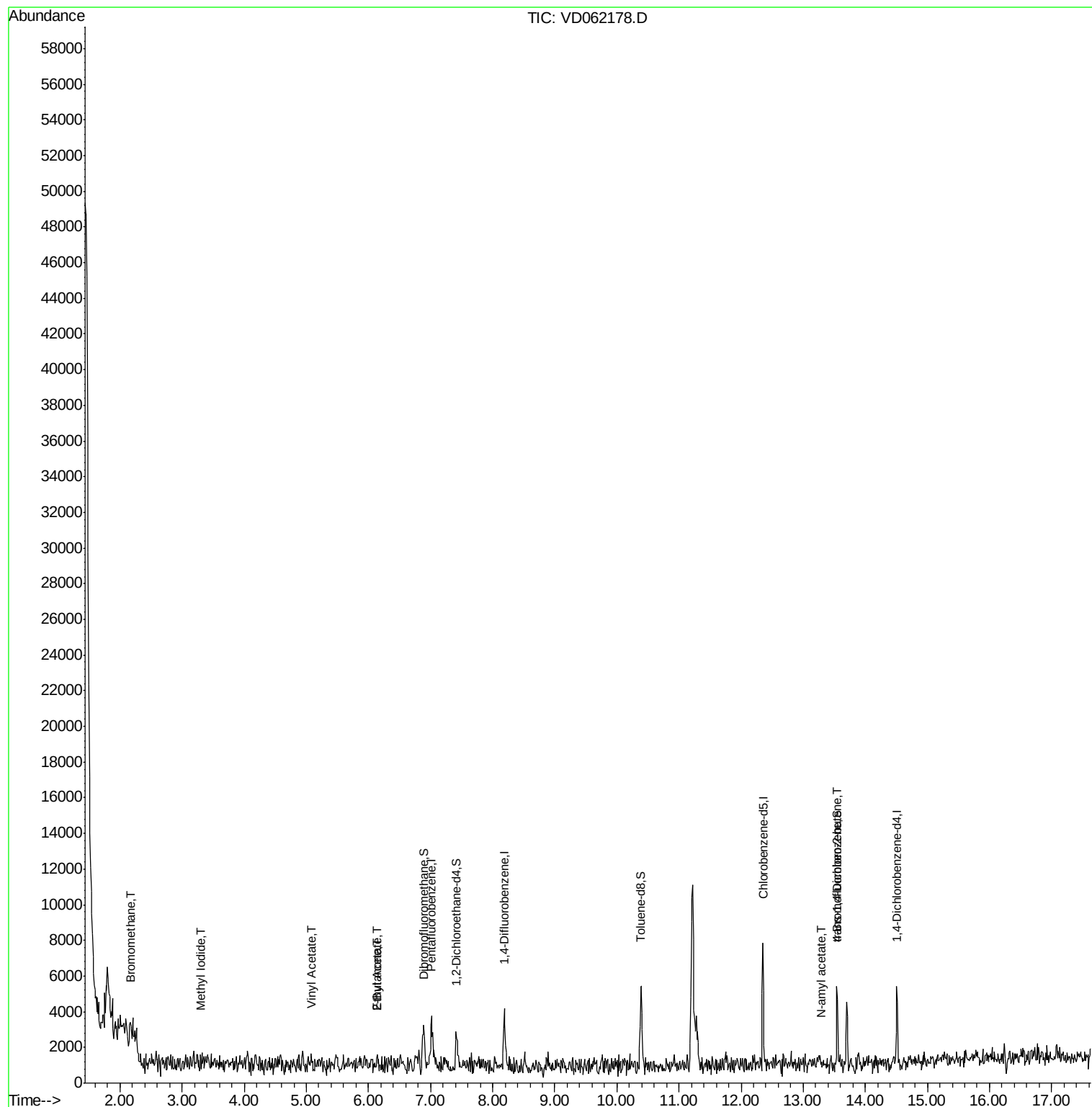
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.18	94	248	41.193	ug/l #	1
10) Methyl Iodide	3.30	142	184	3.222	ug/l #	37
23) Vinyl Acetate	5.08	43	227	4.821	ug/l #	77
25) 2-Butanone	6.13	43	305	37.927	ug/l #	56
37) Ethyl Acetate	6.13	43	305	16.535	ug/l #	64
74) N-amyl acetate	13.29	43	220	9.271	ug/l #	49
81) trans-1,4-Dichloro-2-buten	13.54	75	587	115.870	ug/l #	16

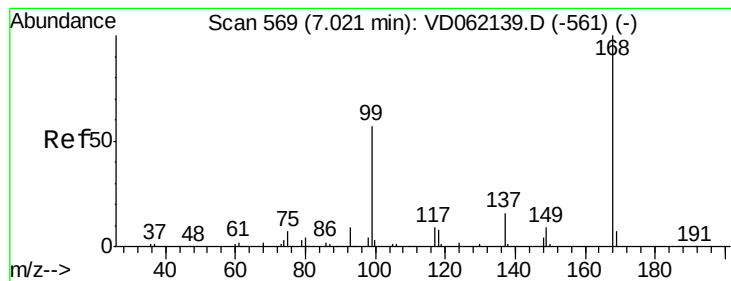
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-10-1.0-1.5

Quant Time: May 09 01:25:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.01 min

Lab File: VD062178.D

Acq: 8 May 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

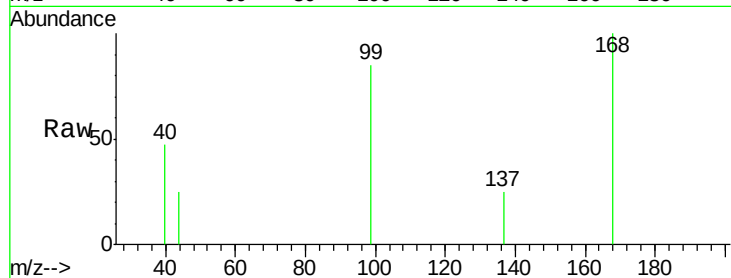
SB-10-1.0-1.5

Tot Ion:168 Resp: 3783

Ion Ratio Lower Upper

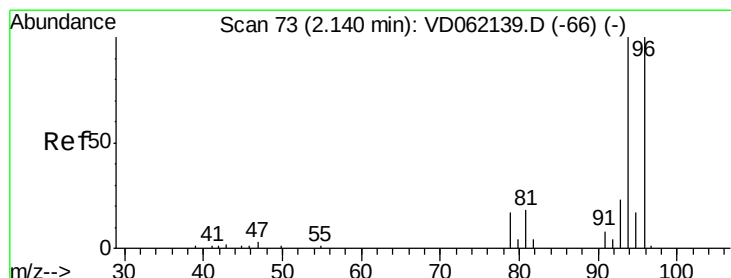
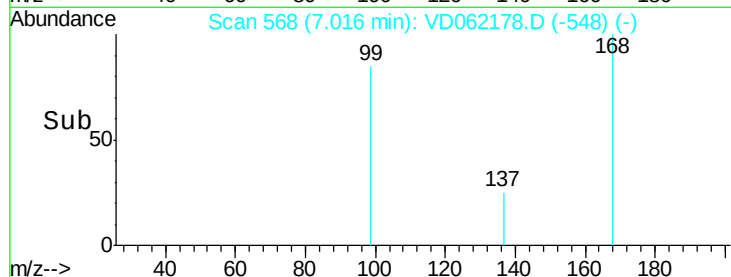
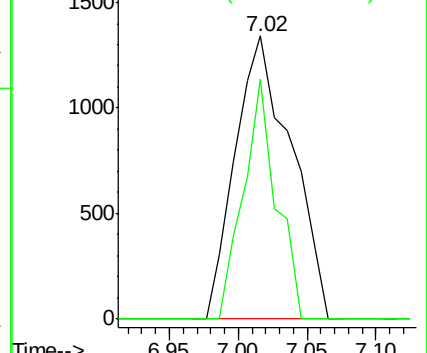
168 100

99 84.6 46.5 69.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 41.193 ug/l

RT: 2.18 min Scan# 77

Delta R.T. 0.04 min

Lab File: VD062178.D

Acq: 8 May 2019 17:06

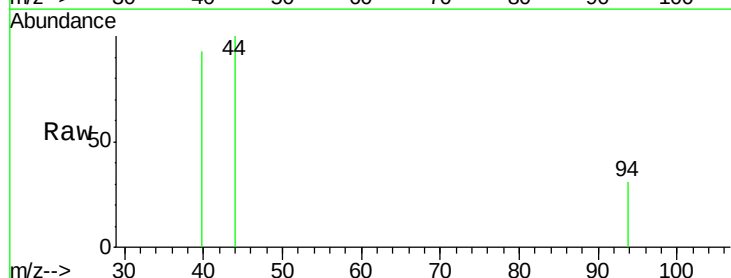
Tgt Ion: 94 Resp: 248

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

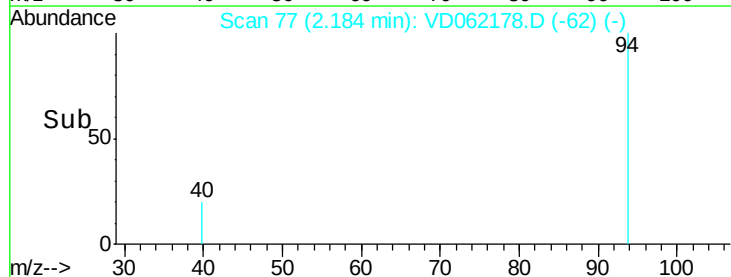
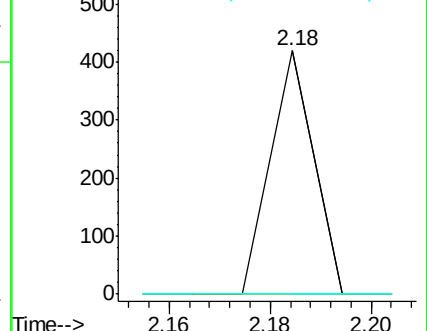
93 100.0 18.5 27.7#

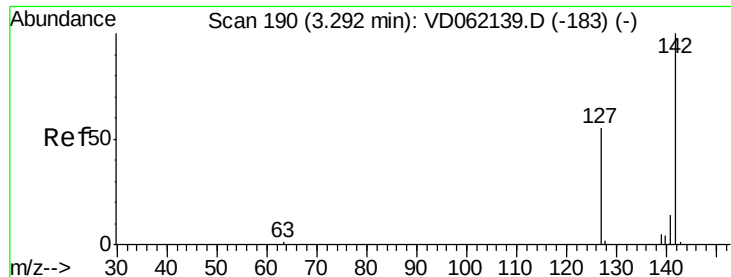


Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC

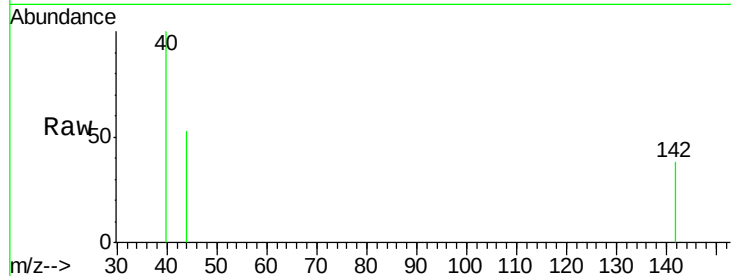




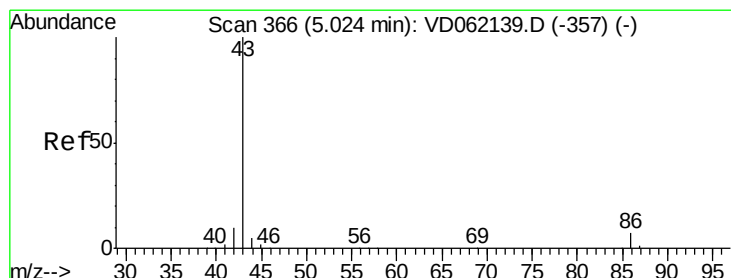
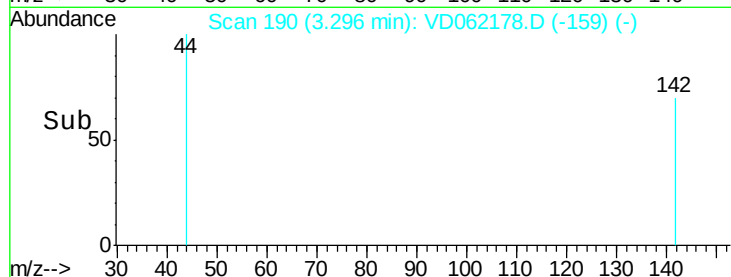
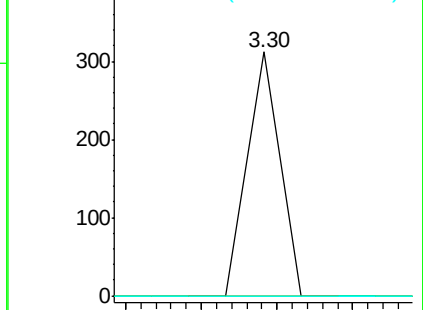
#10
Methvl Iodide
Concen: 3.222 ug/l
RT: 3.30 min Scan# 190
Delta R.T. 0.00 min
Lab File: VD062178.D
Acq: 8 May 2019 17:06

Instrument :
MSVOA_D
ClientSampleId :
SB-10-1.0-1.5

Tot Ion:142 Resp: 184
Ion Ratio Lower Upper
142 100
127 0.0 38.8 58.2#
141 0.0 11.4 17.0#

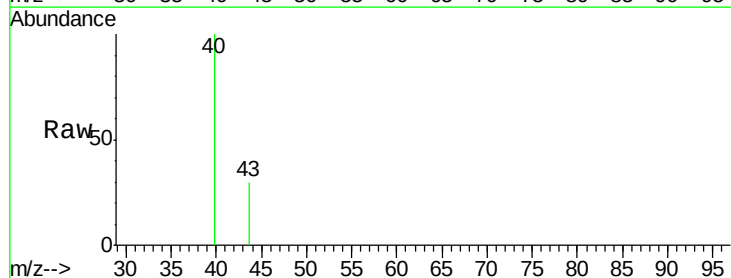


Abundance Ion 141.85 (141.55 to 142.55): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.85 (140.55 to 141.55): V

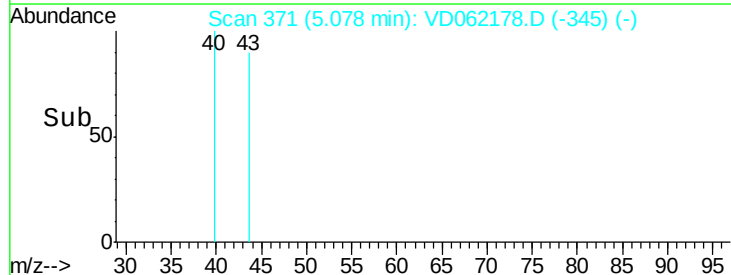
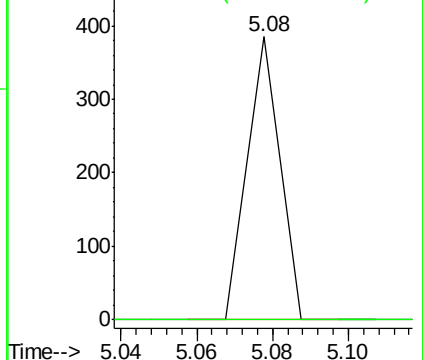


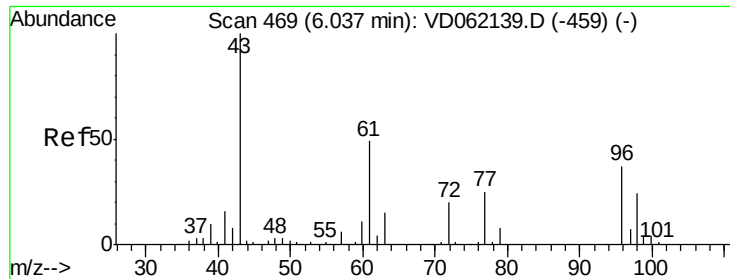
#23
Vinyl Acetate
Concen: 4.821 ug/l
RT: 5.08 min Scan# 371
Delta R.T. 0.05 min
Lab File: VD062178.D
Acq: 8 May 2019 17:06

Tgt Ion: 43 Resp: 227
Ion Ratio Lower Upper
43 100
86 0.0 6.4 9.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 86.00 (85.70 to 86.70): VDC





#25

2-Butanone

Concen: 37.927 ug/l

RT: 6.13 min Scan# 478

Delta R.T. 0.09 min

Lab File: VD062178.D

Acq: 8 May 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

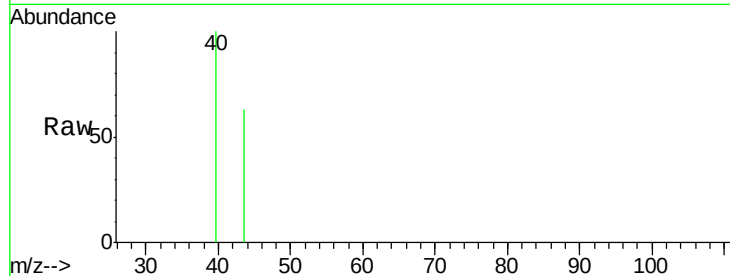
SB-10-1.0-1.5

Tot Ion: 43 Resp: 305

Ion Ratio Lower Upper

43 100

72 0.0 16.2 24.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC

6.13

500

400

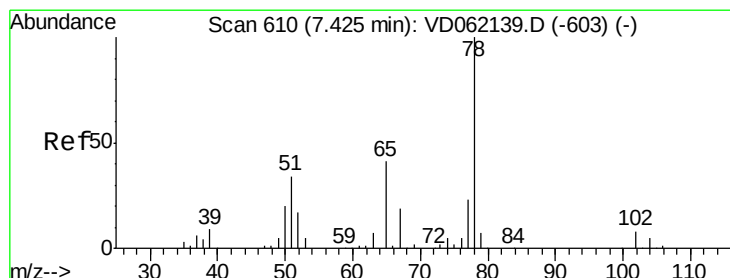
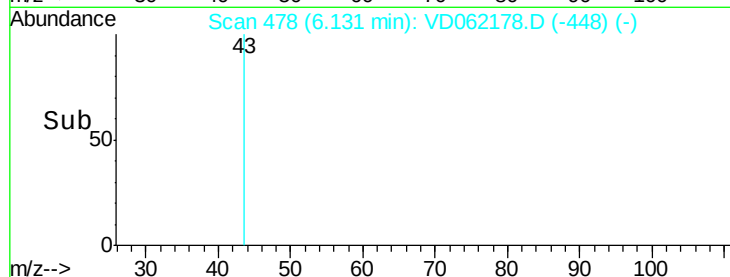
300

200

100

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 80.698 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.01 min

Lab File: VD062178.D

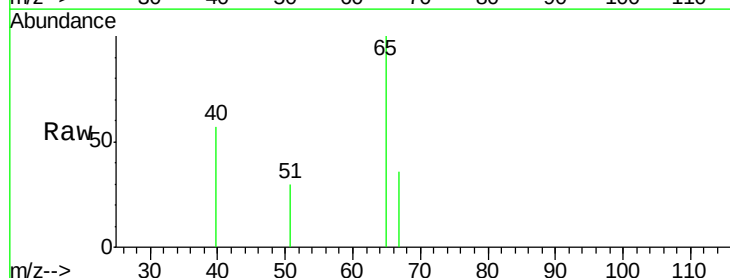
Acq: 8 May 2019 17:06

Tgt Ion: 65 Resp: 2837

Ion Ratio Lower Upper

65 100

67 36.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.42

1200

1000

800

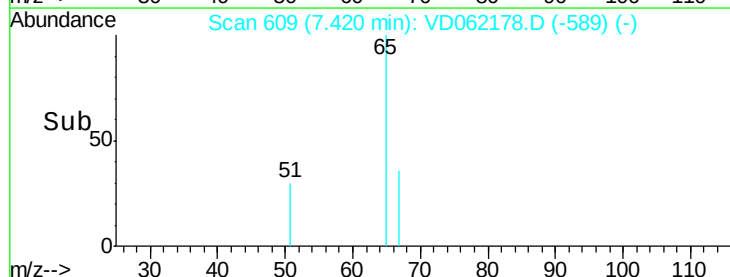
600

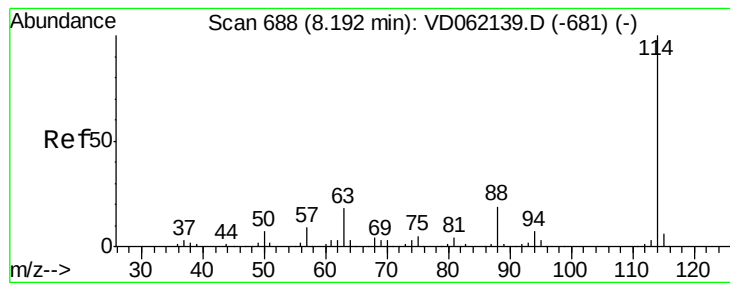
400

200

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.19 min Scan# 687

Delta R.T. -0.01 min

Lab File: VD062178.D

Acq: 8 May 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

SB-10-1.0-1.5

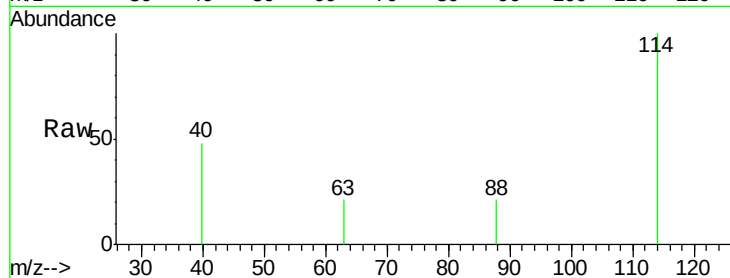
Tot Ion:114 Resp: 5305

Ion Ratio Lower Upper

114 100

63 21.2 0.0 32.4

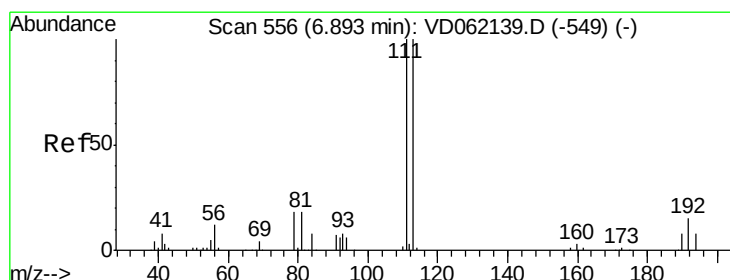
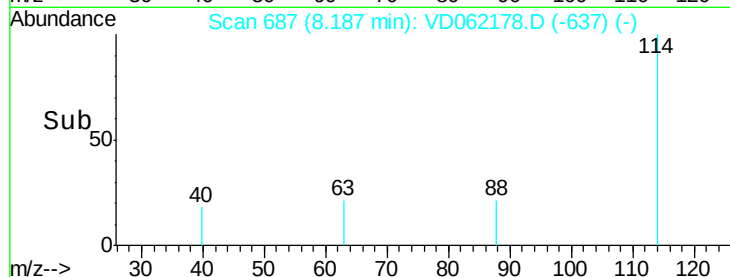
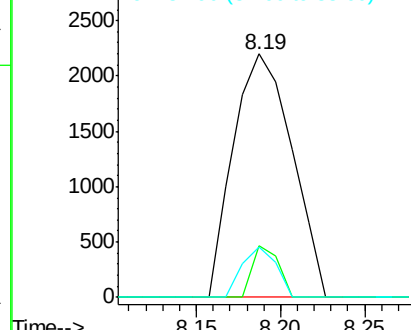
88 20.5 0.0 33.6



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: 46.165 ug/l

RT: 6.89 min Scan# 555

Delta R.T. -0.01 min

Lab File: VD062178.D

Acq: 8 May 2019 17:06

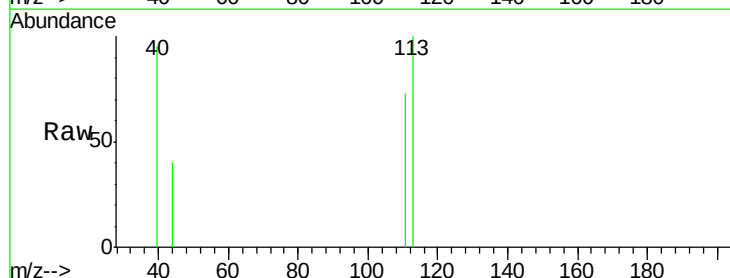
Tgt Ion:113 Resp: 2032

Ion Ratio Lower Upper

113 100

111 73.3 78.5 117.7#

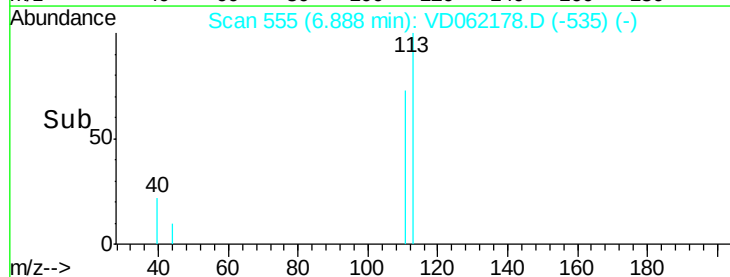
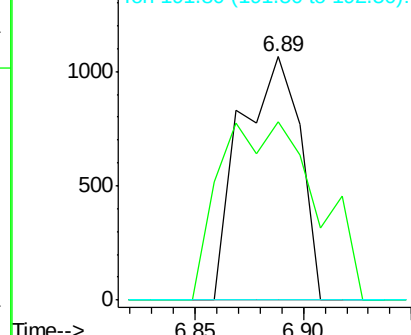
192 0.0 13.0 19.4#

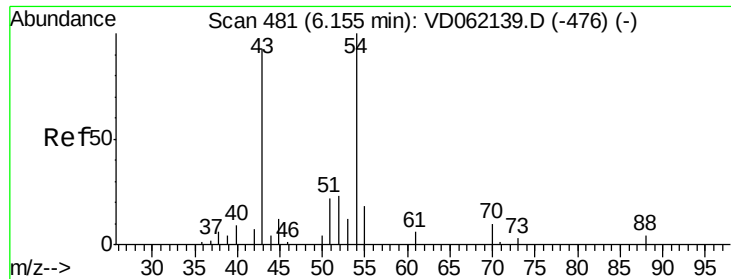


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#37

Ethyl Acetate

Concen: 16.535 ug/l

RT: 6.13 min Scan# 478

Delta R.T. -0.02 min

Lab File: VD062178.D

Acq: 8 May 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

SB-10-1.0-1.5

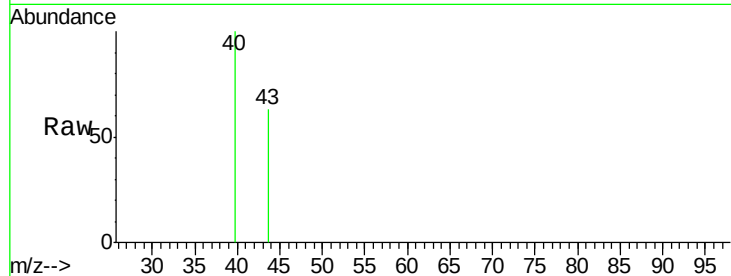
Tot Ion: 43 Resp: 305

Ion Ratio Lower Upper

43 100

61 0.0 14.7 22.1#

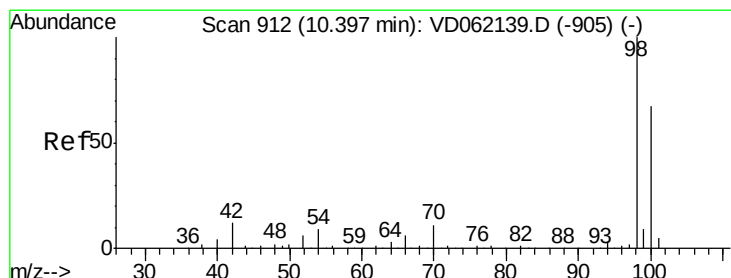
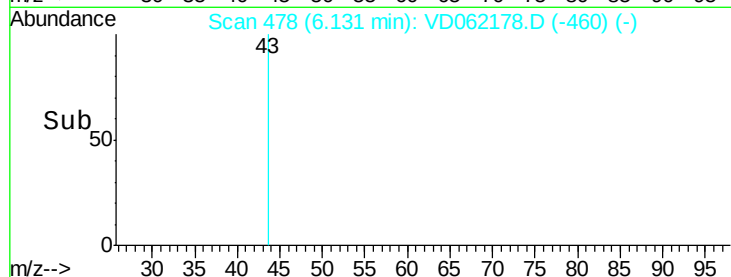
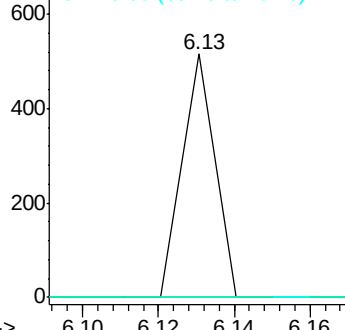
70 0.0 7.8 11.6#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 60.95 (60.65 to 61.65): VDC

Ion 70.00 (69.70 to 70.70): VDC



#50

Toluene-d8

Concen: 49.799 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD062178.D

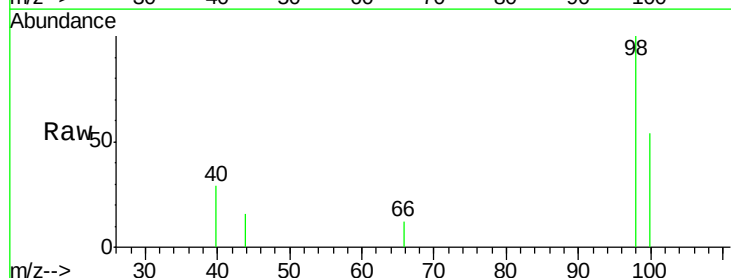
Acq: 8 May 2019 17:06

Tgt Ion: 98 Resp: 5285

Ion Ratio Lower Upper

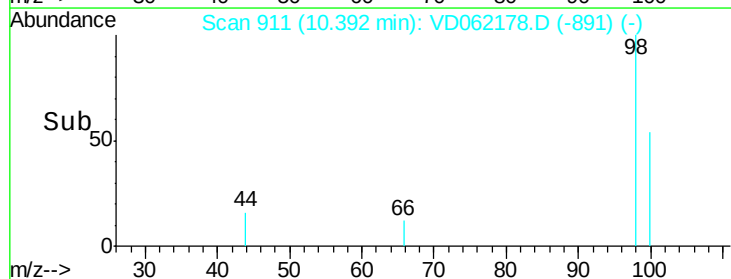
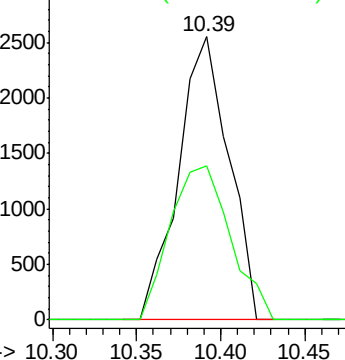
98 100

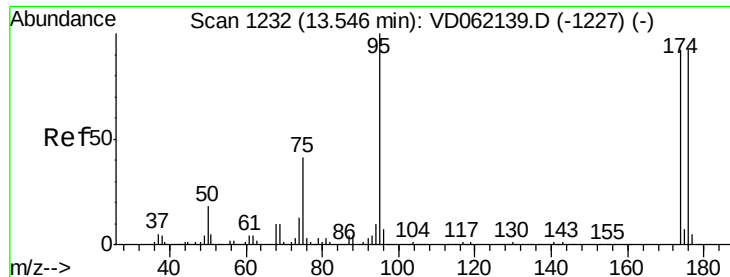
100 54.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 36.864 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD062178.D

Acq: 8 May 2019 17:06

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SB-10-1.0-1.5

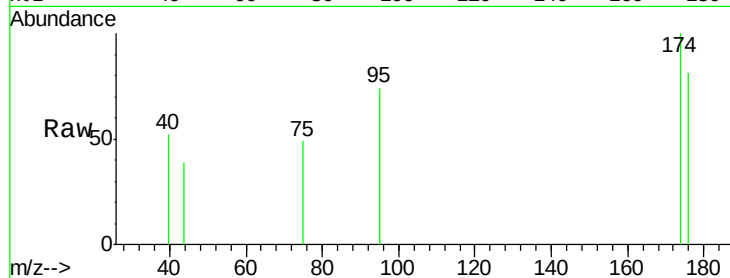
Tot Ion: 95 Resp: 1571

Ion Ratio Lower Upper

95 100

174 135.4 0.0 181.8

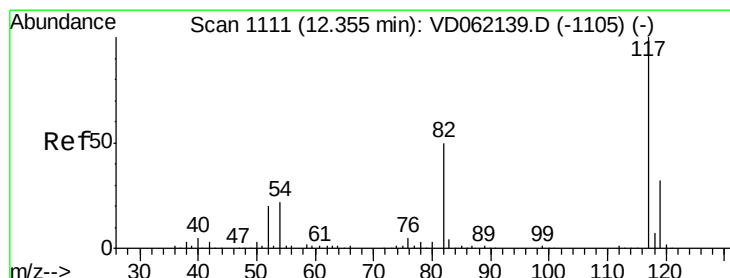
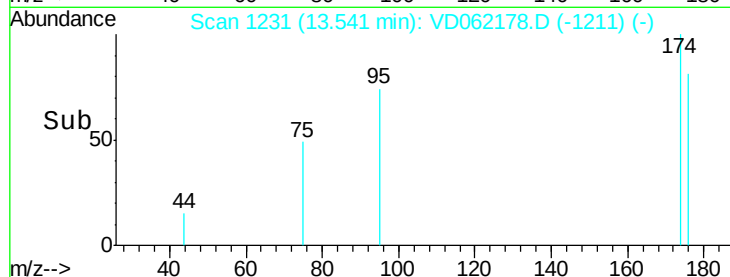
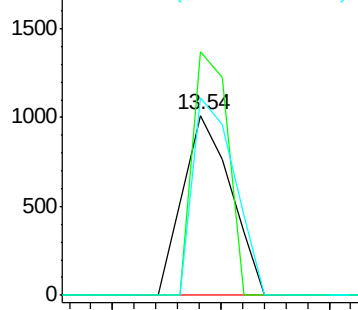
176 109.8 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.35 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD062178.D

Acq: 8 May 2019 17:06

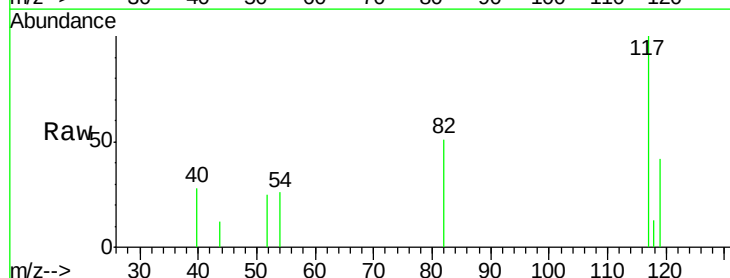
Tgt Ion: 117 Resp: 3577

Ion Ratio Lower Upper

117 100

82 51.2 36.2 54.2

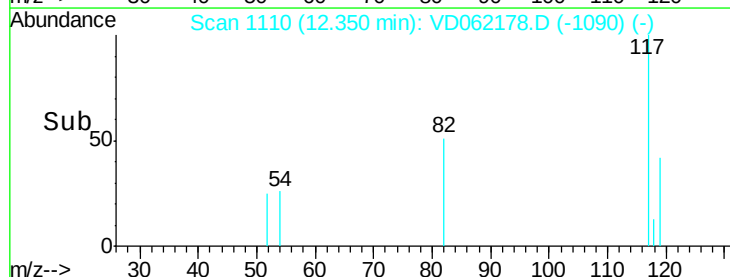
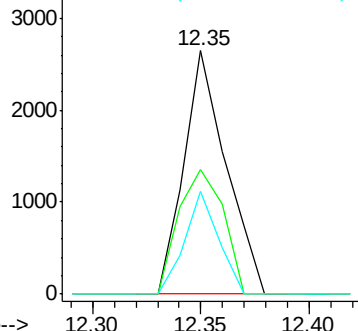
119 42.1 26.2 39.4#

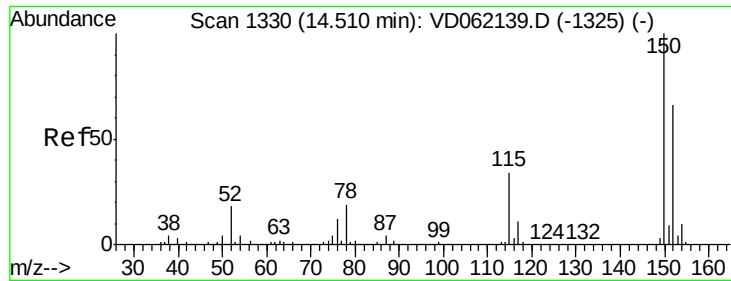


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1329

Delta R.T. -0.01 min

Lab File: VD062178.D

Acq: 8 May 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

SB-10-1.0-1.5

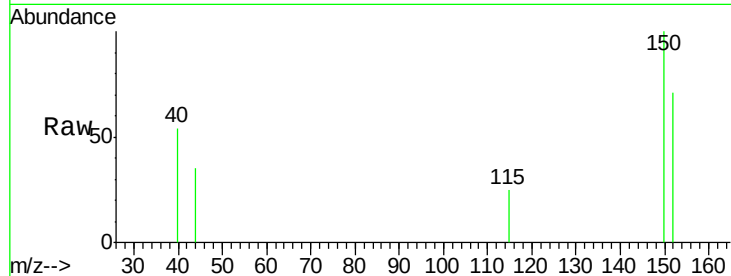
Tot Ion:152 Resp: 1510

Ion Ratio Lower Upper

152 100

115 35.8 30.9 92.7

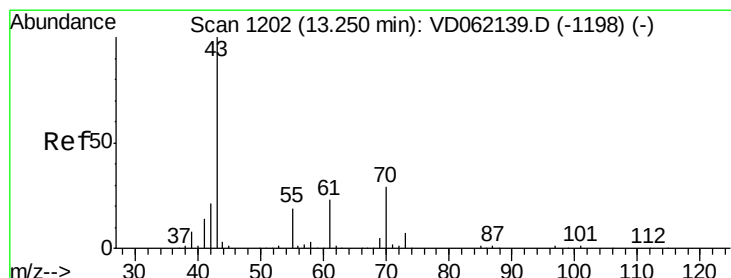
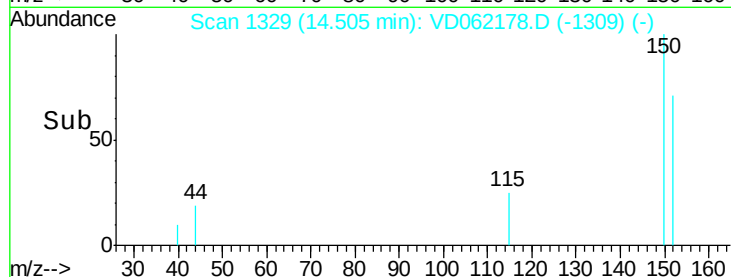
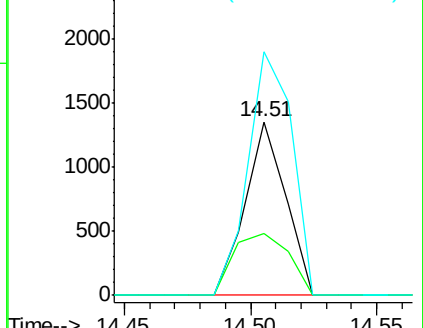
150 140.5 0.0 314.8



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



#74

N-ethyl acetate

Concen: 9.271 ug/l

RT: 13.29 min Scan# 1206

Delta R.T. 0.04 min

Lab File: VD062178.D

Acq: 8 May 2019 17:06

Tgt Ion: 43 Resp: 220

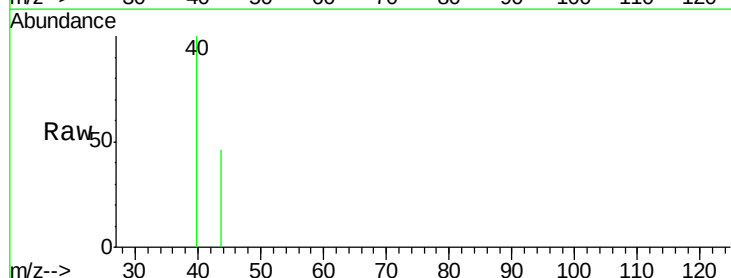
Ion Ratio Lower Upper

43 100

70 0.0 24.2 36.4#

55 0.0 16.0 24.0#

61 0.0 21.6 32.4#

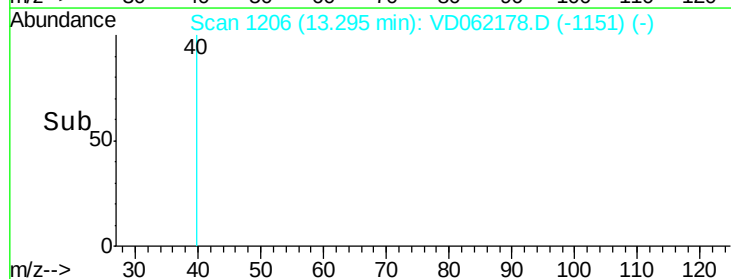
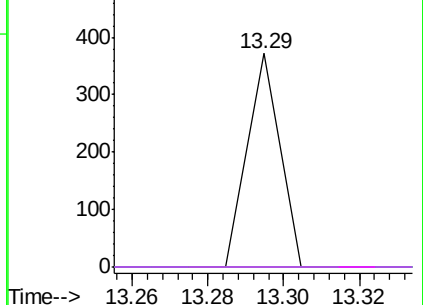


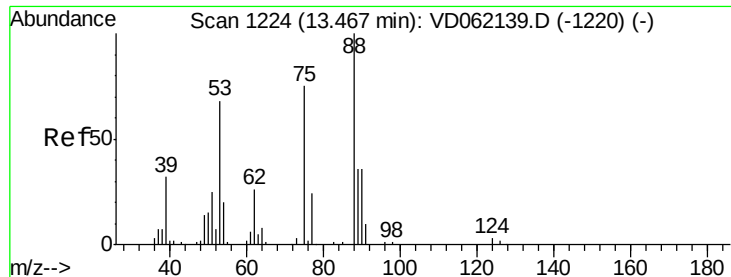
Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 115.870 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.07 min

Lab File: VD062178.D

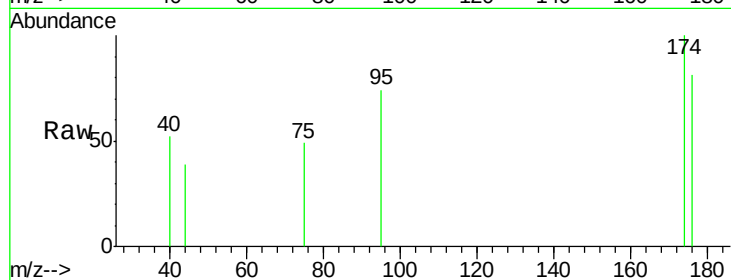
Acq: 8 May 2019 17:06

Instrument :

MSVOA_D

ClientSampleId :

SB-10-1.0-1.5



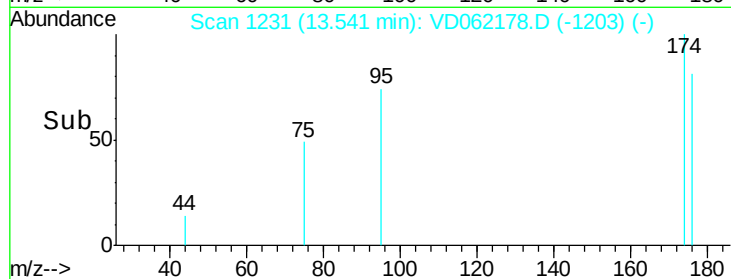
Tot Ion: 75 Resp: 587

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#



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

