

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD050219\
 Data File : VD062120.D
 Acq On : 2 May 2019 19:36
 Operator : FY/SY
 Sample : K2667-01
 Misc : 6.14g/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-A

Quant Time: May 03 01:12:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 02 07:55:52 2019
 Response via : Initial Calibration

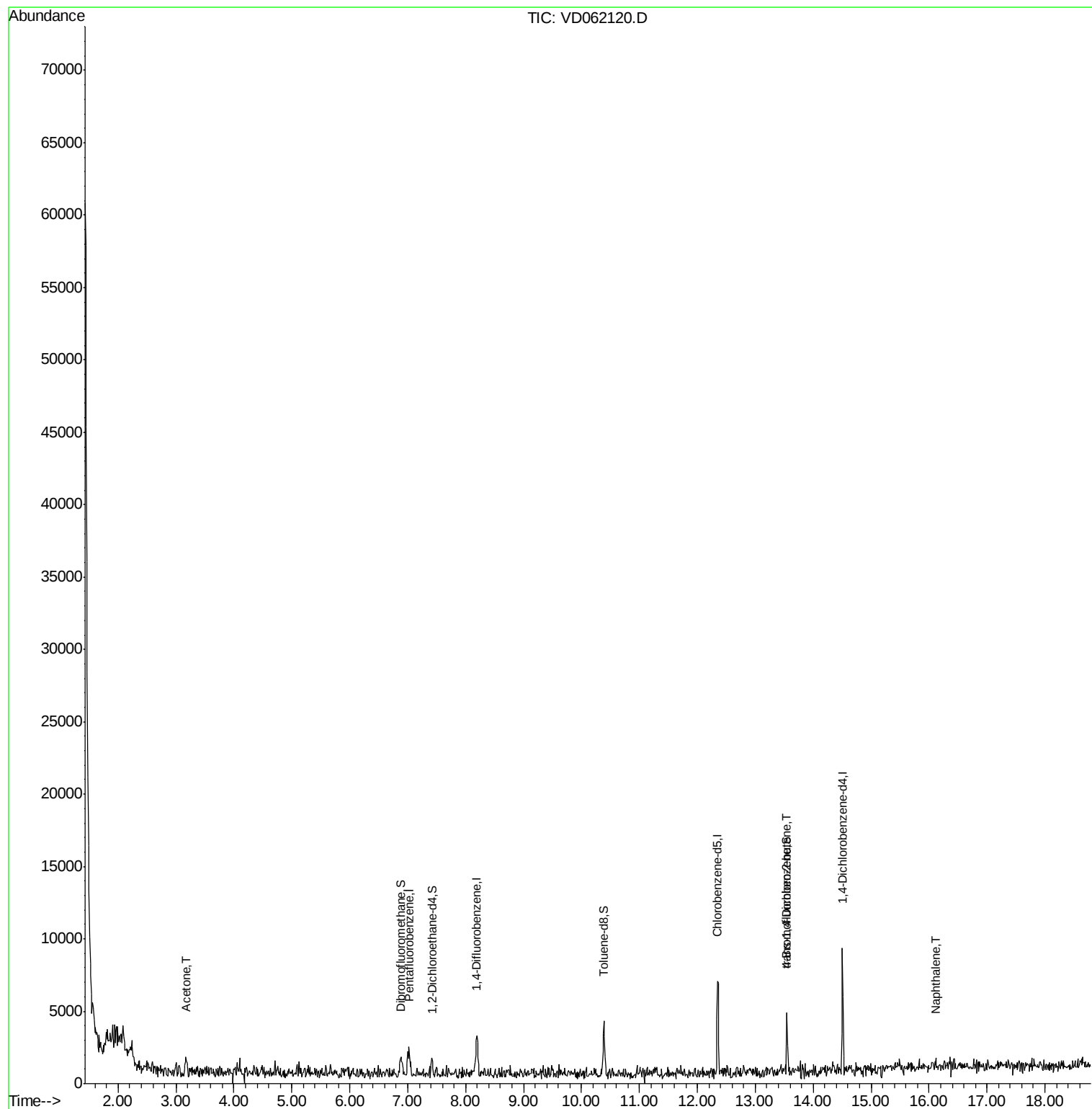
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	2930	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.19	114	5960	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	5101	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.50	152	2853	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.41	65	1448	63.14	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	126.28%	
35) Dibromofluoromethane	6.87	113	1142	27.71	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	55.42%	
50) Toluene-d8	10.39	98	4390	44.76	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	89.52%	
62) 4-Bromofluorobenzene	13.54	95	1751	44.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	89.02%	
Target Compounds						
5) Bromomethane	2.08	94	629	Below Cal	#	12
16) Acetone	3.17	43	1532	279.795	ug/l #	50
81) trans-1,4-Dichloro-2-buten	13.54	75	471	42.901	ug/l #	16
95) Naphthalene	16.12	128	297	4.323	ug/l #	70

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD050219\
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Quant Title : SW846 8260
QLast Update : Thu May 02 07:55:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. -0.03 min

Lab File: VD062120.D

Acq: 2 May 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

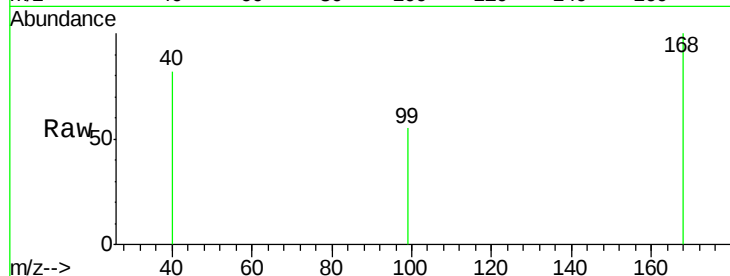
SP-1-A

Tot Ion:168 Resp: 2930

Ion Ratio Lower Upper

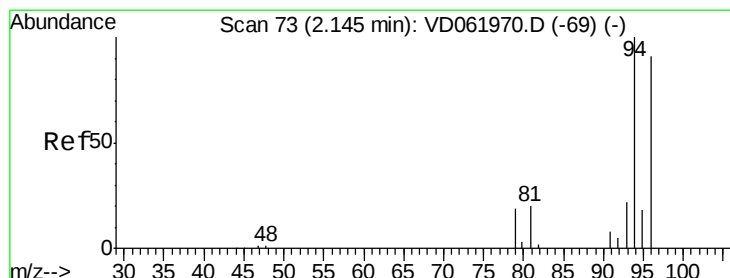
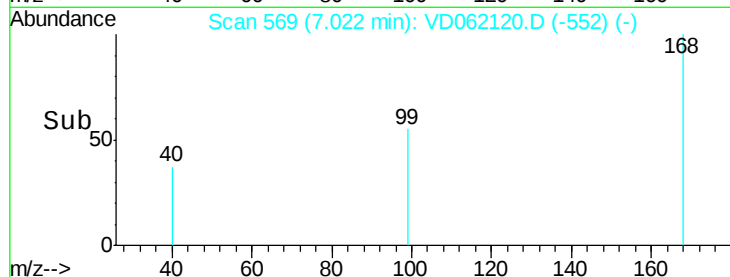
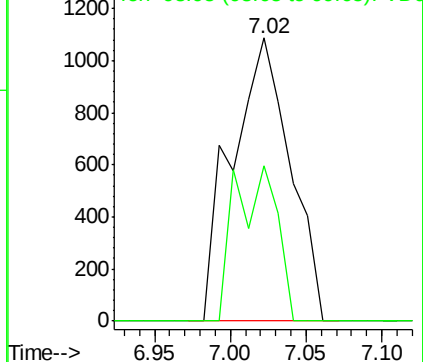
168 100

99 54.7 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: Below Cal

RT: 2.08 min Scan# 67

Delta R.T. -0.08 min

Lab File: VD062120.D

Acq: 2 May 2019 19:36

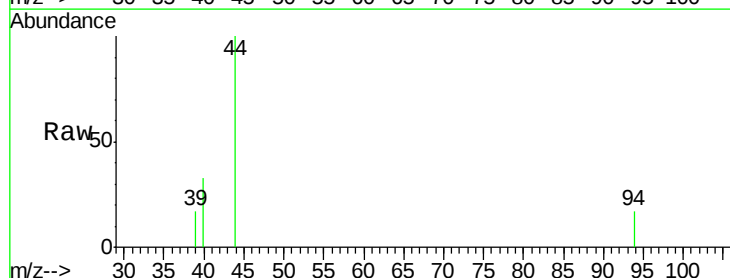
Tgt Ion: 94 Resp: 629

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

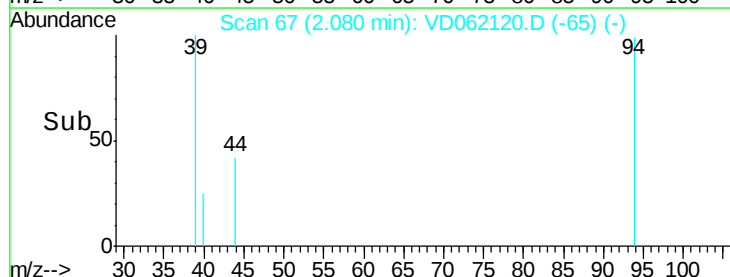
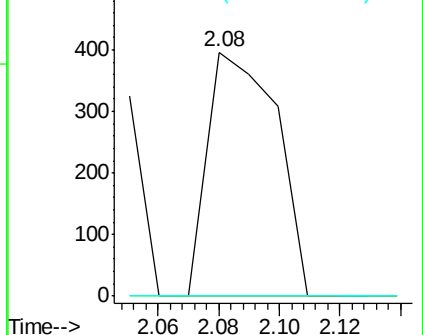
93 0.0 18.5 27.7#



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





#16

Acetone

Concen: 279.795 ug/l

RT: 3.17 min Scan# 178

Delta R.T. -0.05 min

Lab File: VD062120.D

Acq: 2 May 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

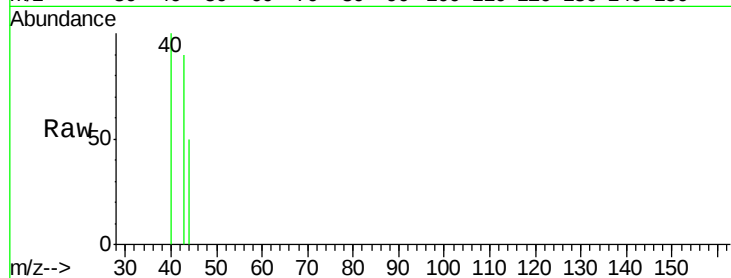
SP-1-A

Tot Ion: 43 Resp: 1532

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.17

800

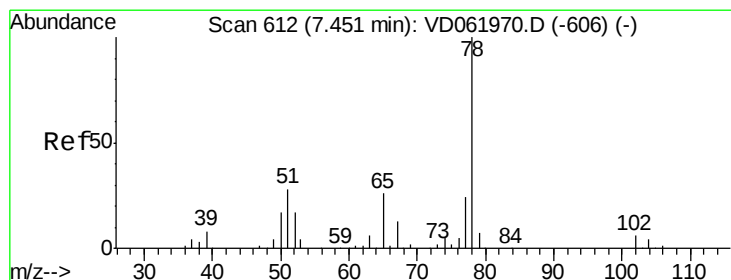
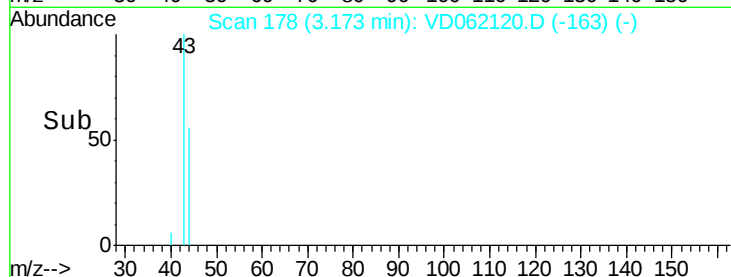
600

400

200

0

Time--> 3.10 3.15 3.20



#33

1,2-Dichloroethane-d4

Concen: 63.144 ug/l

RT: 7.41 min Scan# 608

Delta R.T. -0.05 min

Lab File: VD062120.D

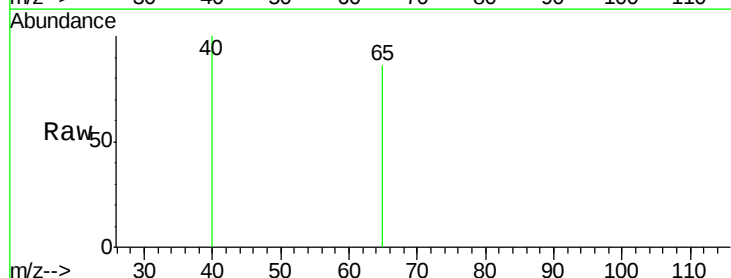
Acq: 2 May 2019 19:36

Tgt Ion: 65 Resp: 1448

Ion Ratio Lower Upper

65 100

67 0.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.41

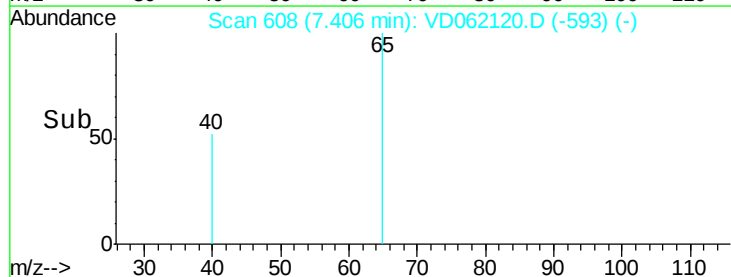
600

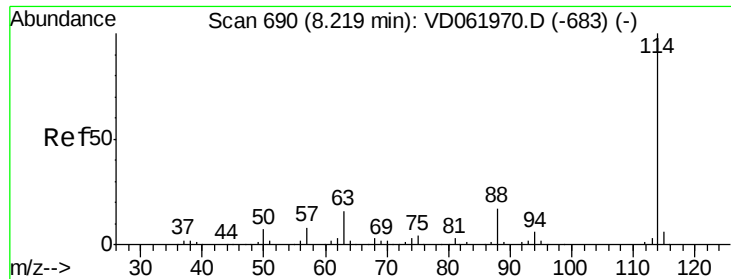
400

200

0

Time--> 7.35 7.40 7.45

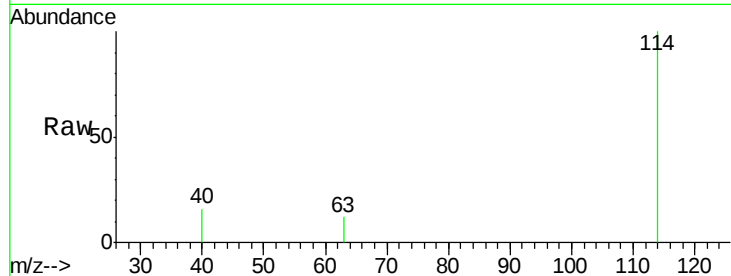




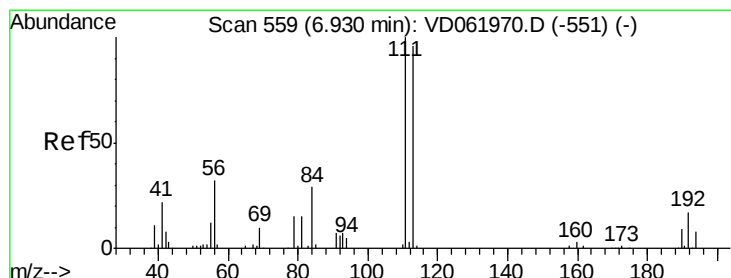
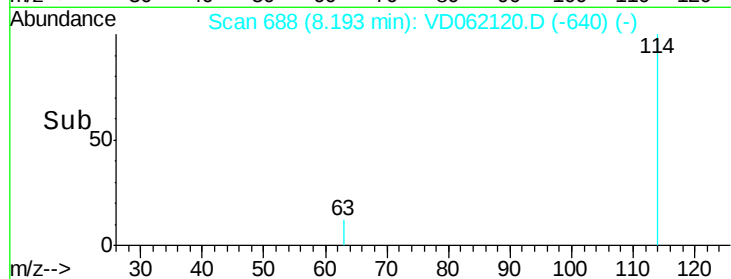
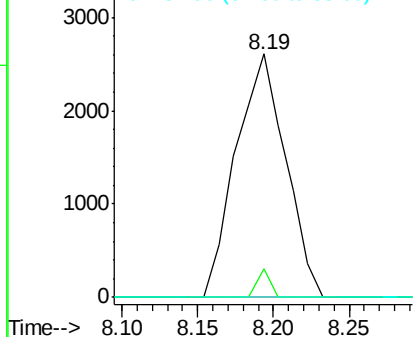
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.19 min Scan# 688
 Delta R.T. -0.03 min
 Lab File: VD062120.D
 Acq: 2 May 2019 19:36

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1-A

Tot Ion:114 Resp: 5960
 Ion Ratio Lower Upper
 114 100
 63 11.9 0.0 32.4
 88 0.0 0.0 33.6

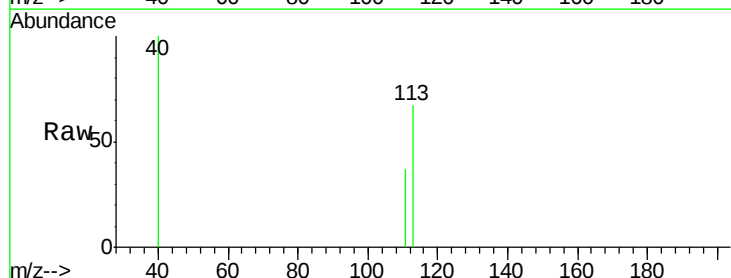


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

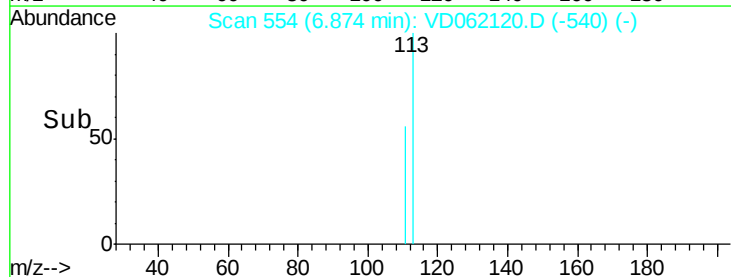
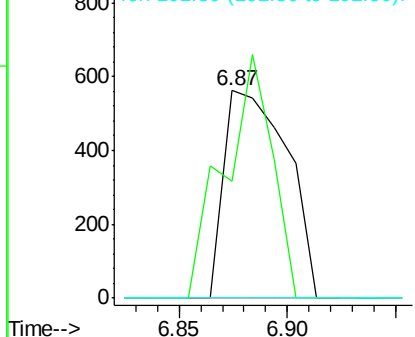


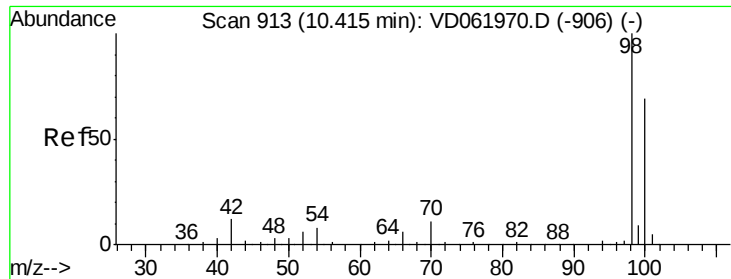
#35
 Dibromofluoromethane
 Concen: 27.706 ug/l
 RT: 6.87 min Scan# 554
 Delta R.T. -0.06 min
 Lab File: VD062120.D
 Acq: 2 May 2019 19:36

Tgt Ion:113 Resp: 1142
 Ion Ratio Lower Upper
 113 100
 111 56.1 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





#50

Toluene-d8

Concen: 44.759 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.03 min

Lab File: VD062120.D

Acq: 2 May 2019 19:36

Instrument :

MSVOA_D

ClientSampled :

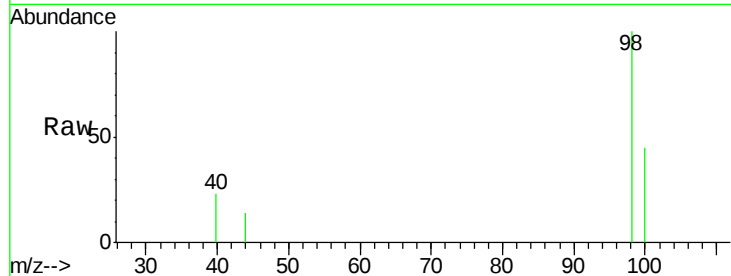
SP-1-A

Tot Ion: 98 Resp: 4390

Ion Ratio Lower Upper

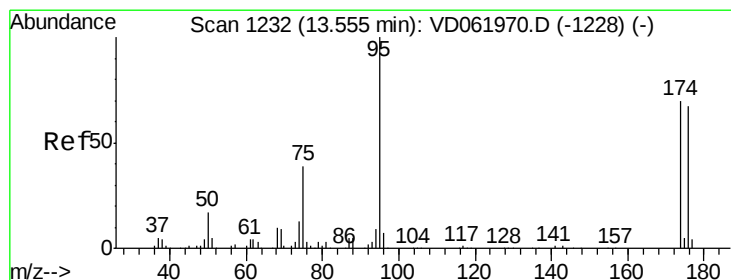
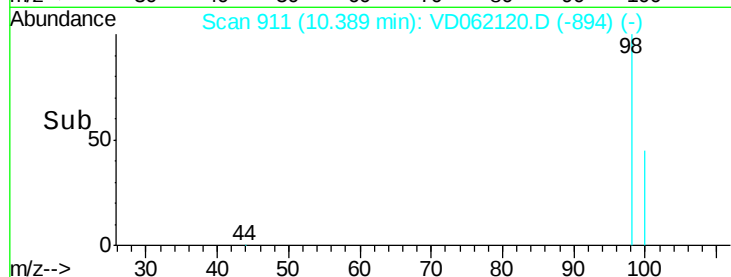
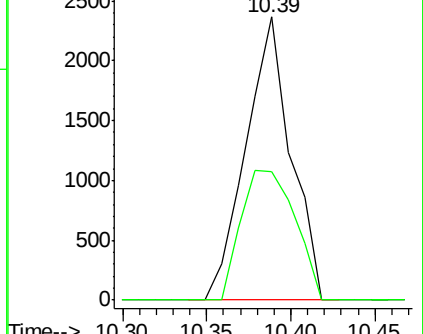
98 100

100 45.4 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: 44.510 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.02 min

Lab File: VD062120.D

Acq: 2 May 2019 19:36

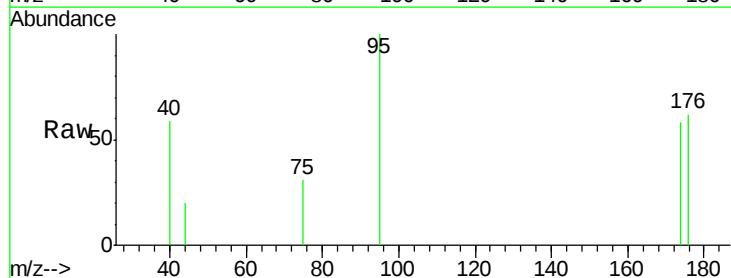
Tgt Ion: 95 Resp: 1751

Ion Ratio Lower Upper

95 100

174 57.5 0.0 181.8

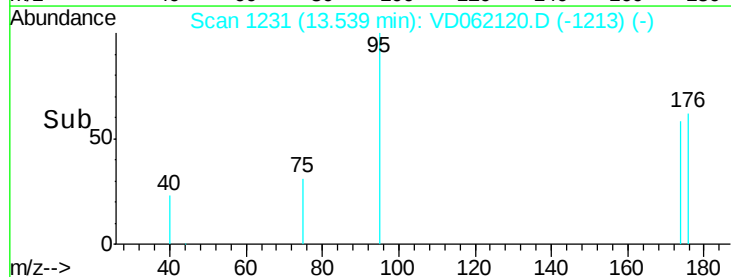
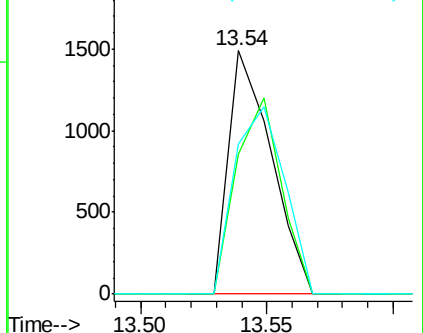
176 61.7 0.0 174.4

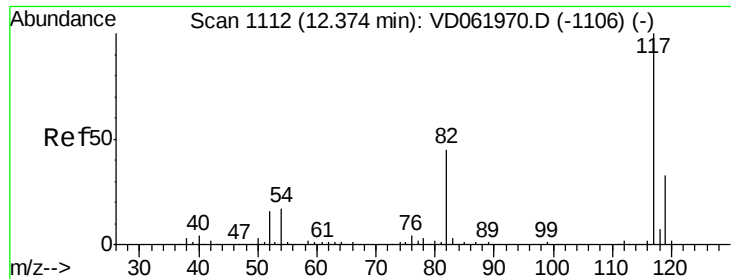


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

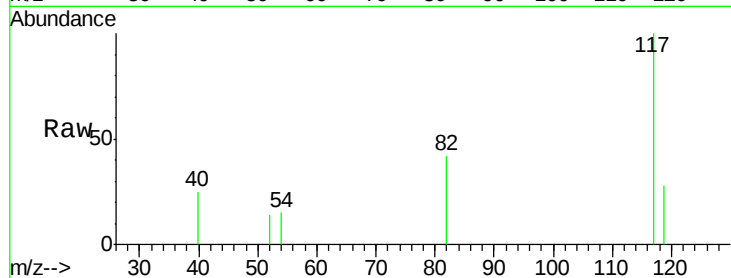




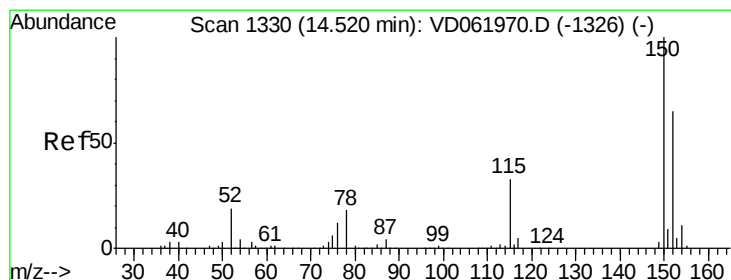
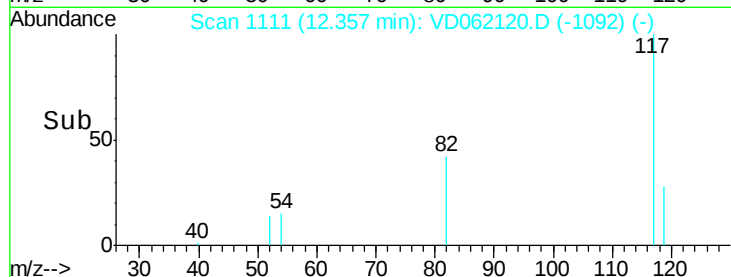
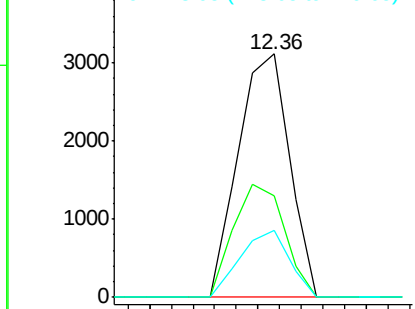
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062120.D
Acq: 2 May 2019 19:36

Instrument :
MSVOA_D
ClientSampleId :
SP-1-A

Tot Ion:117 Resp: 5101
Ion Ratio Lower Upper
117 100
82 41.7 36.2 54.2
119 27.6 26.2 39.4

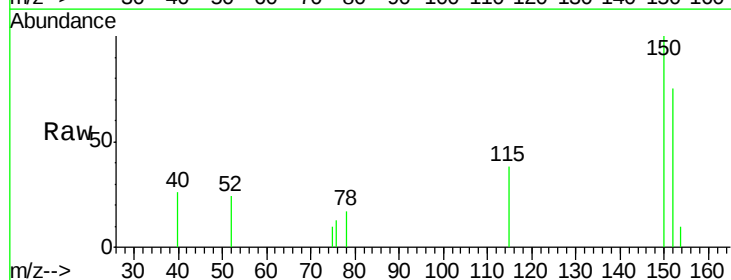


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

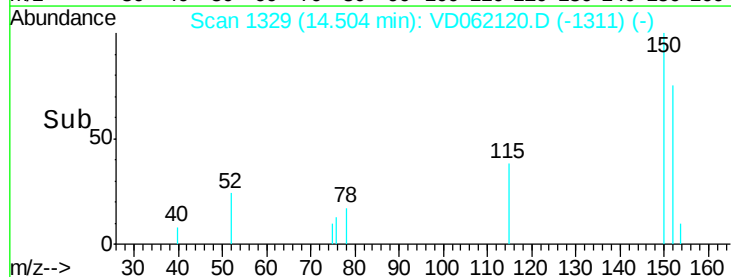
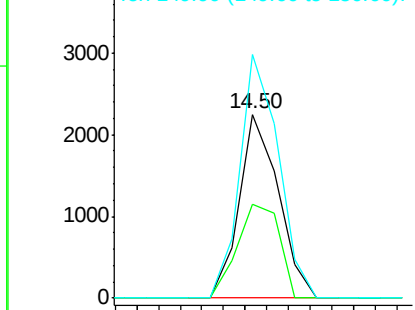


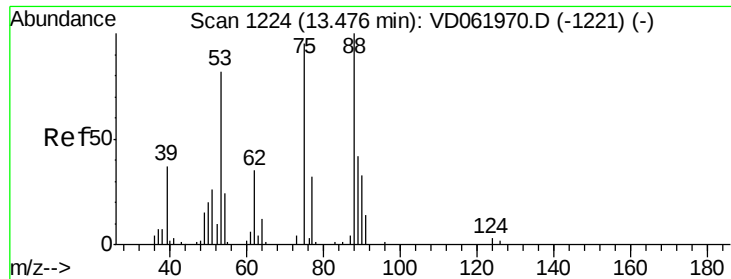
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD062120.D
Acq: 2 May 2019 19:36

Tgt Ion:152 Resp: 2853
Ion Ratio Lower Upper
152 100
115 50.9 30.9 92.7
150 132.7 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





#81

trans-1,4-Dichloro-2-butene

Concen: 42.901 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.06 min

Lab File: VD062120.D

Acq: 2 May 2019 19:36

Instrument :

MSVOA_D

ClientSampleId :

SP-1-A

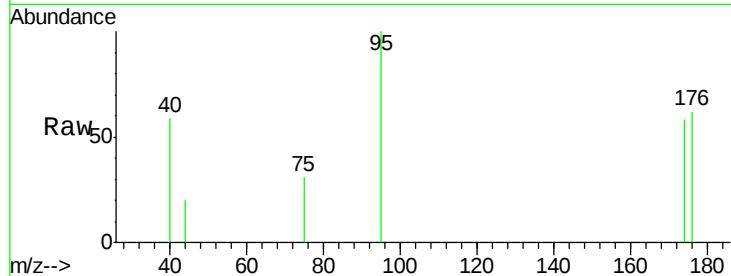
Tot Ion: 75 Resp: 471

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

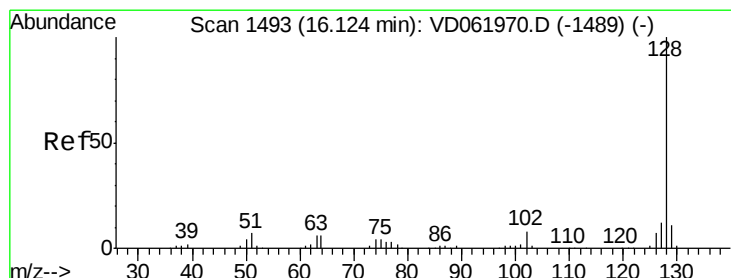
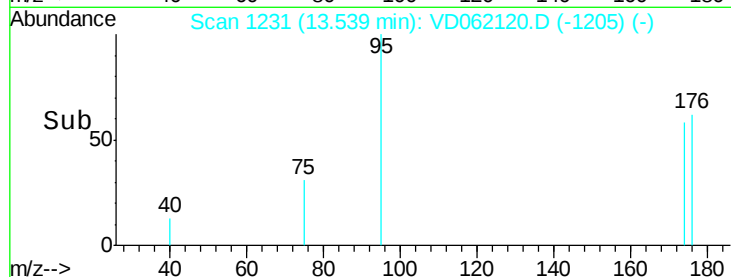
89 0.0 35.0 52.6#



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

13.54

Time--> 13.50 13.55



#95

Naphthalene

Concen: 4.323 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. -0.01 min

Lab File: VD062120.D

Acq: 2 May 2019 19:36

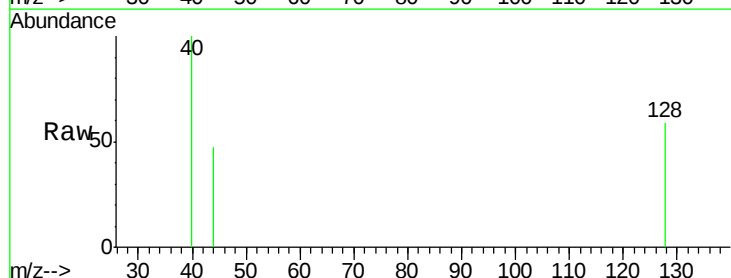
Tgt Ion: 128 Resp: 297

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

16.12

Time--> 16.08 16.12 16.14

