

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063443.D
 Acq On : 8 Aug 2019 17:25
 Operator : JC/SY
 Sample : K4223-10
 Misc : 4.59g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-5

Quant Time: Aug 09 07:42:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

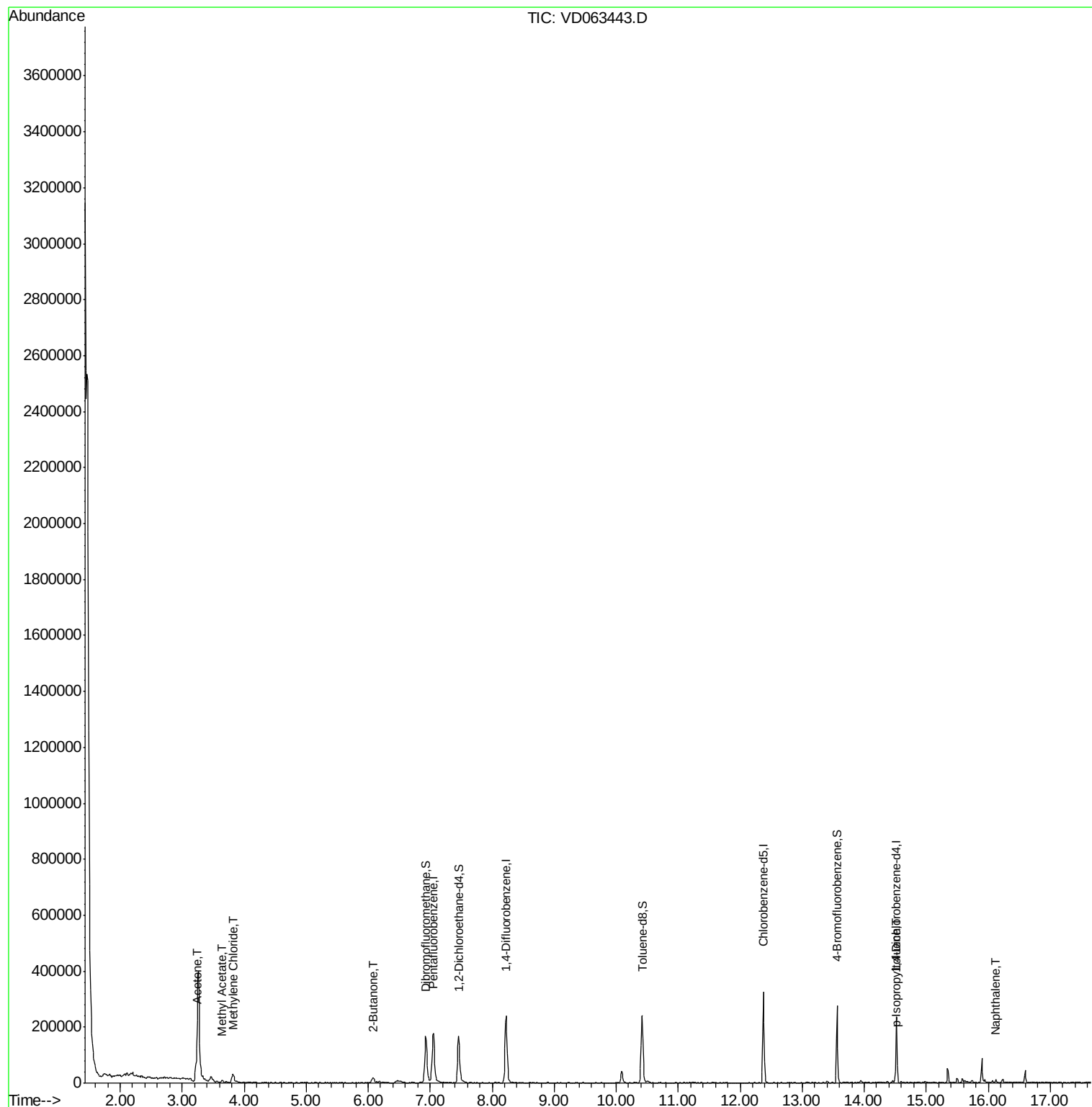
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	165282	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	253802	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	168168	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	56679	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	176055	96.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	192.00%	
35) Dibromofluoromethane	6.93	113	134797	62.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	124.42%	
50) Toluene-d8	10.42	98	206510	42.58	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.16%	
62) 4-Bromofluorobenzene	13.56	95	70775	32.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	64.06%	
Target Compounds						
16) Acetone	3.23	43	119253	333.736	ug/l	95
18) Methyl Acetate	3.64	43	13042	19.002	ug/l	96
20) Methylene Chloride	3.82	84	18270	12.649	ug/l #	80
25) 2-Butanone	6.08	43	40017	111.590	ug/l	99
86) p-Isopropyltoluene	14.50	119	6098	1.731	ug/l	91
95) Naphthalene	16.13	128	7993	4.559	ug/l #	88

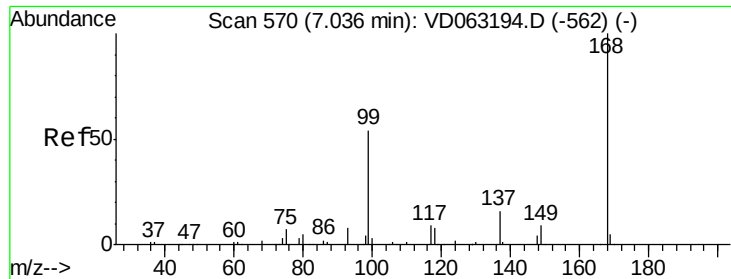
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 4.59g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-5

Quant Time: Aug 09 07:42:44 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063443.D

Acq: 8 Aug 2019 17:25

Instrument :

MSVOA_D

ClientSampleId :

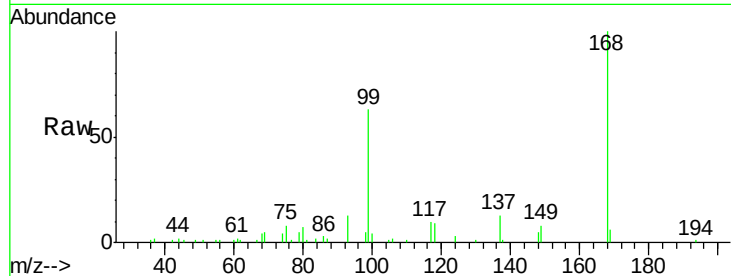
SP-5

Tot Ion:168 Resp: 165282

Ion Ratio Lower Upper

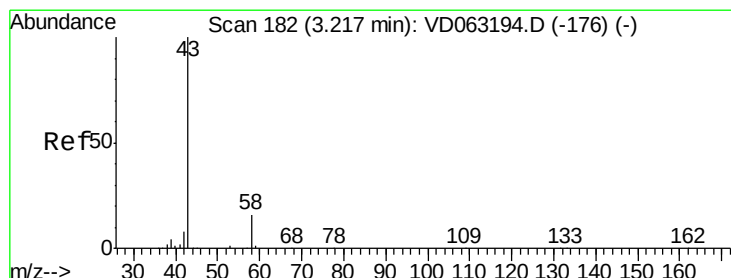
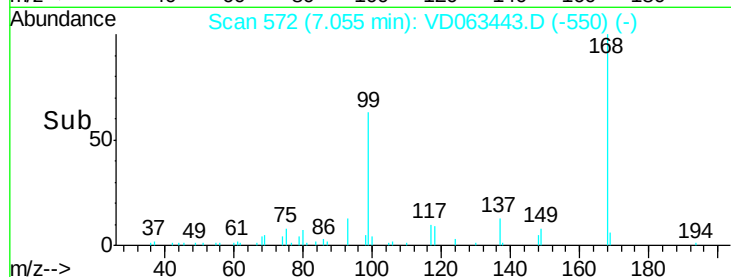
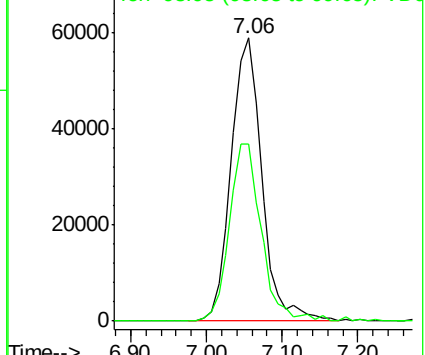
168 100

99 62.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 333.736 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063443.D

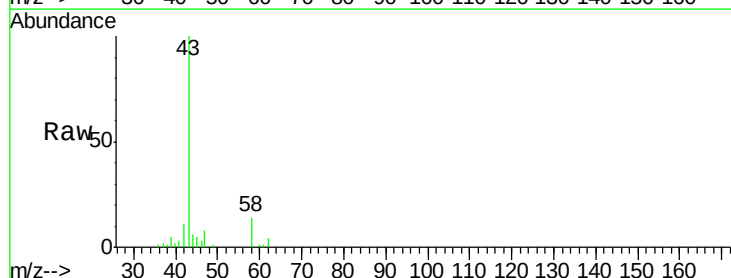
Acq: 8 Aug 2019 17:25

Tgt Ion: 43 Resp: 119253

Ion Ratio Lower Upper

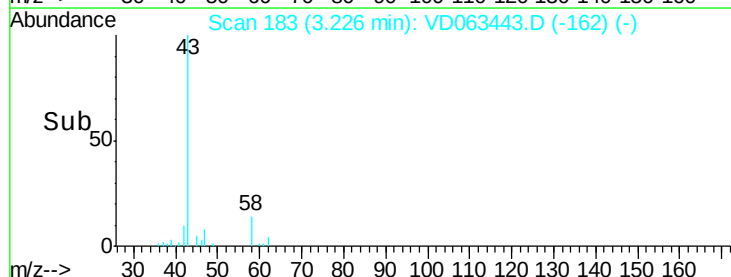
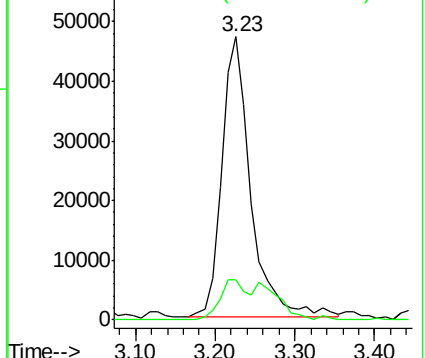
43 100

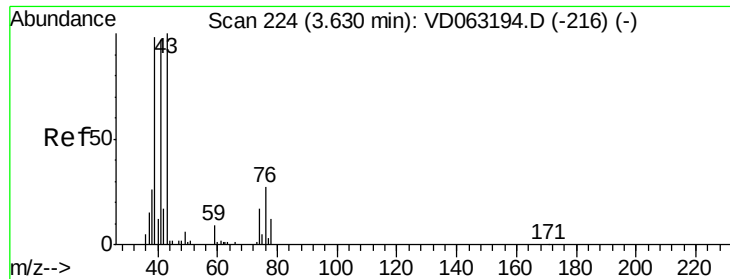
58 14.0 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

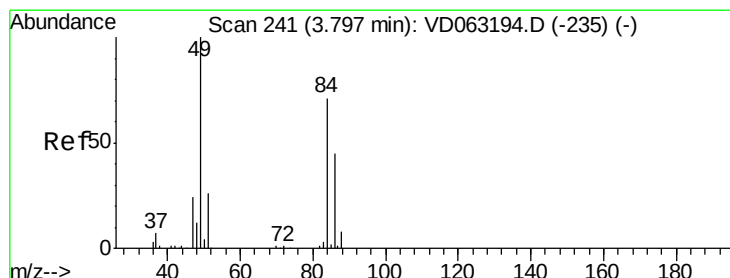
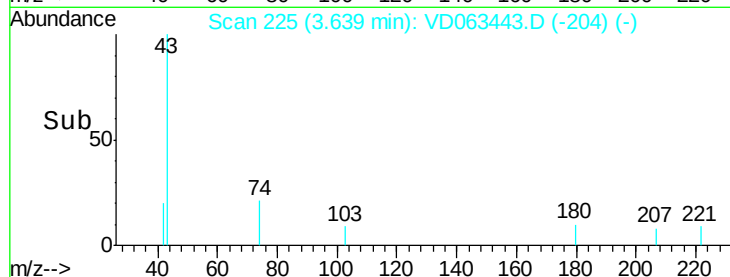
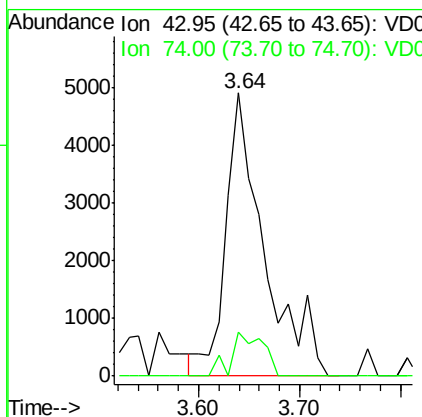
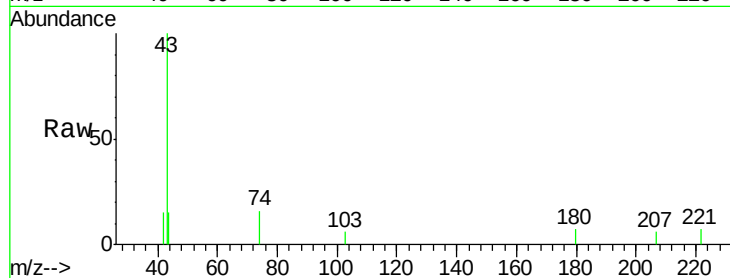




#18
Methvl Acetate
Concen: 19.002 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD063443.D
Acq: 8 Aug 2019 17:25

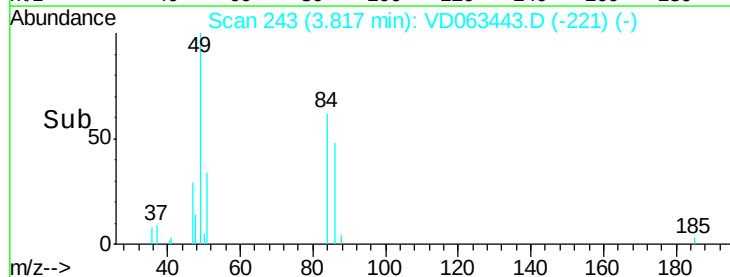
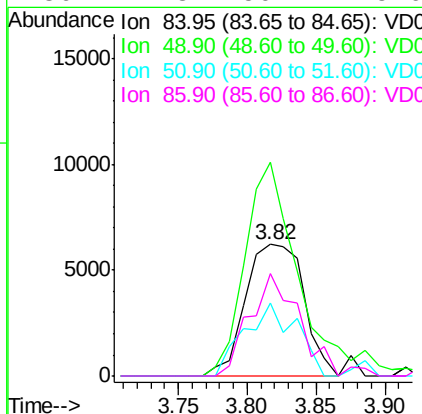
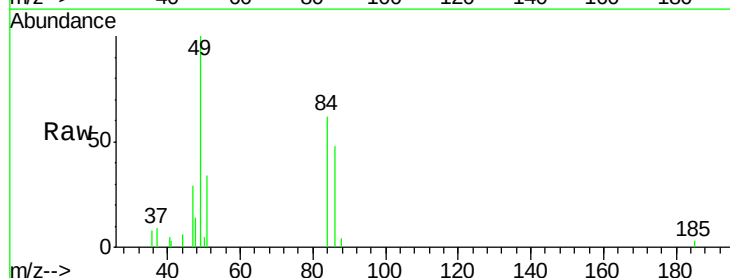
Instrument :
MSVOA_D
ClientSampled :
SP-5

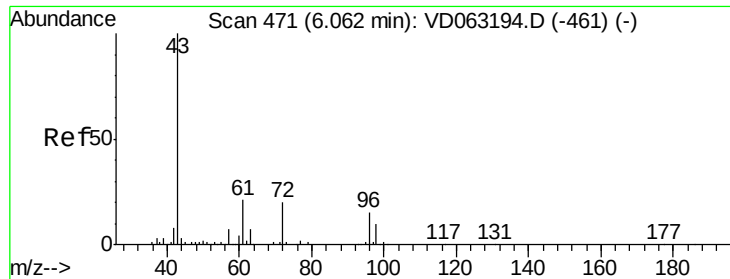
Tot Ion: 43 Resp: 13042
Ion Ratio Lower Upper
43 100
74 15.7 13.8 20.8



#20
Methylene Chloride
Concen: 12.649 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.02 min
Lab File: VD063443.D
Acq: 8 Aug 2019 17:25

Tgt Ion: 84 Resp: 18270
Ion Ratio Lower Upper
84 100
49 162.1 112.5 168.7
51 55.4 29.6 44.4#
86 77.3 50.4 75.6#





#25

2-Butanone

Concen: 111.590 ug/l

RT: 6.08 min Scan# 473

Delta R.T. 0.02 min

Lab File: VD063443.D

Acq: 8 Aug 2019 17:25

Instrument :

MSVOA_D

ClientSampled :

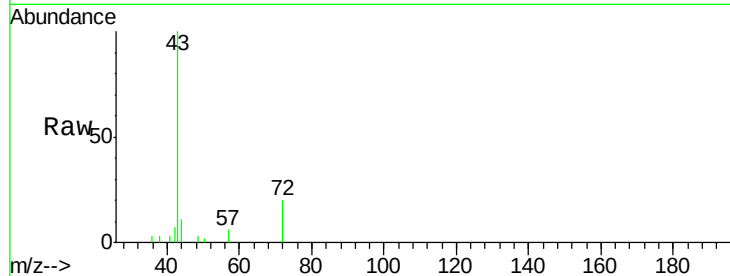
SP-5

Tot Ion: 43 Resp: 40017

Ion Ratio Lower Upper

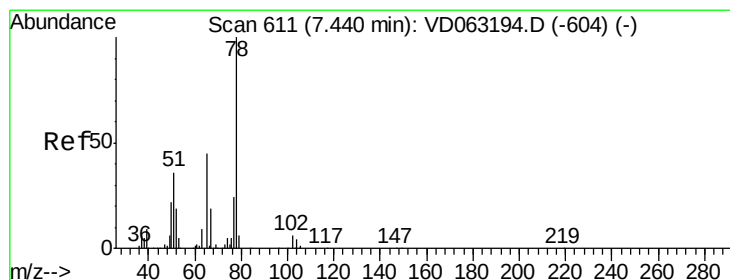
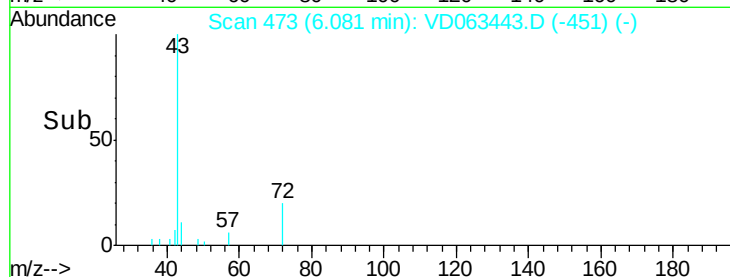
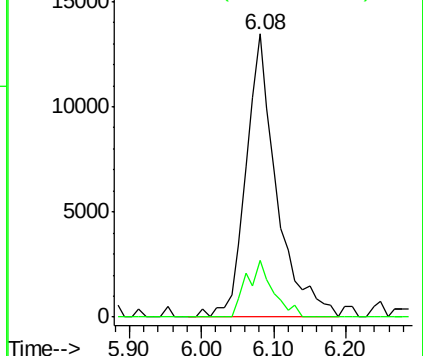
43 100

72 19.9 16.3 24.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 95.997 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063443.D

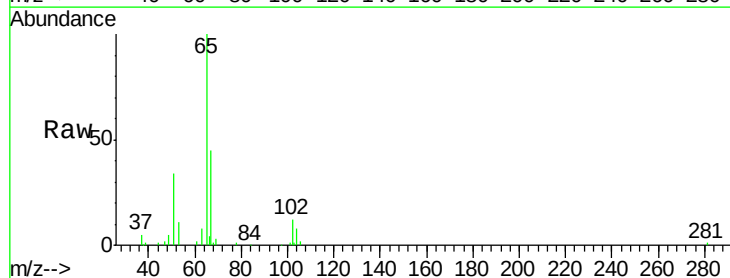
Acq: 8 Aug 2019 17:25

Tgt Ion: 65 Resp: 176055

Ion Ratio Lower Upper

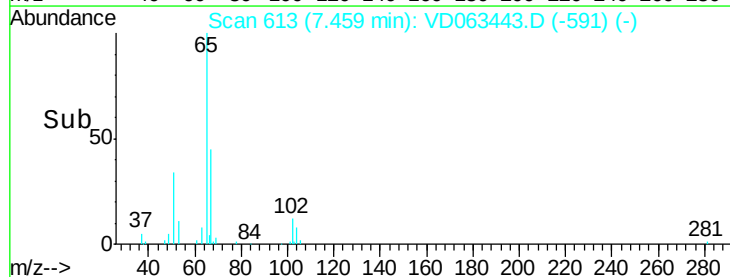
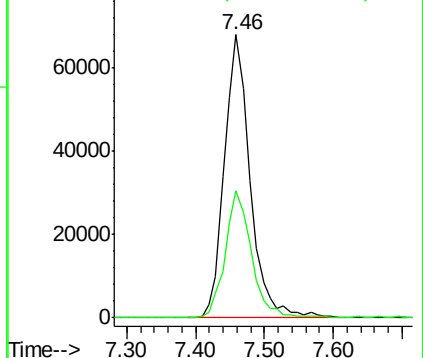
65 100

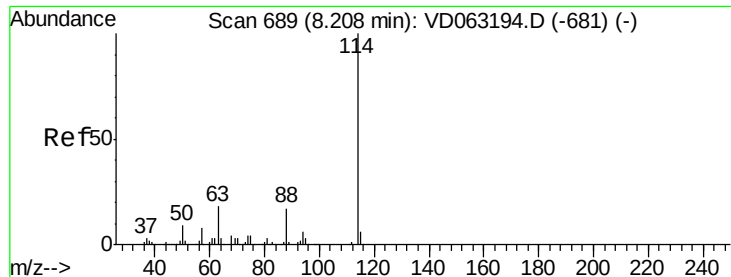
67 45.1 0.0 85.8



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: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063443.D

Acq: 8 Aug 2019 17:25

Instrument :

MSVOA_D

ClientSampled :

SP-5

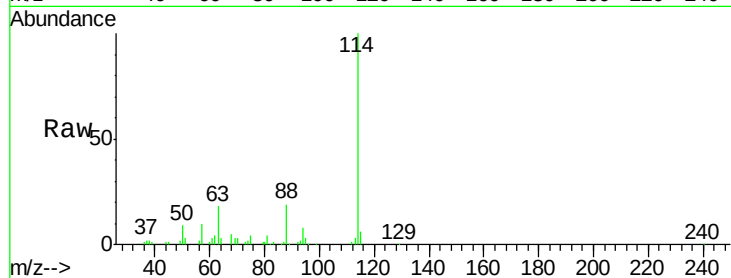
Tot Ion:114 Resp: 253802

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.2

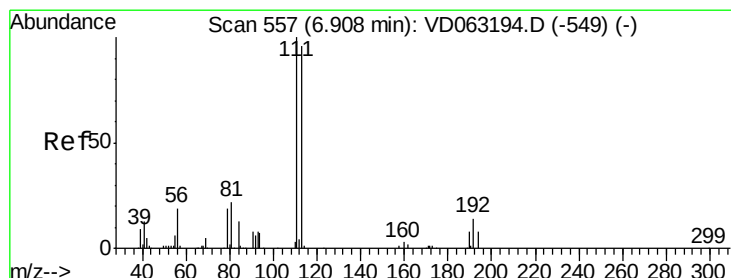
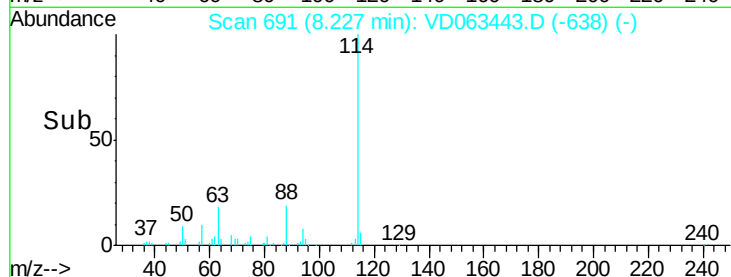
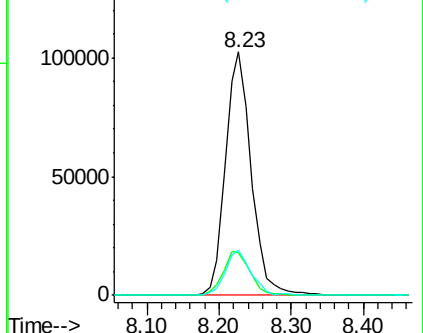
88 18.7 0.0 34.6



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: 62.206 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063443.D

Acq: 8 Aug 2019 17:25

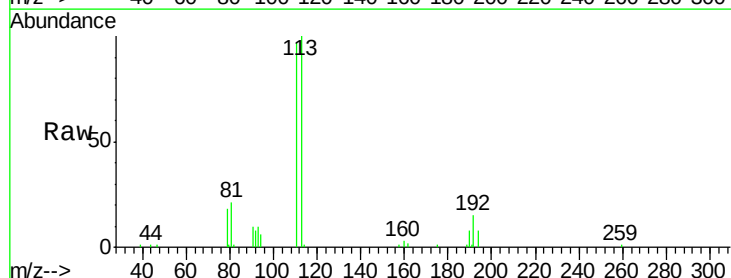
Tgt Ion:113 Resp: 134797

Ion Ratio Lower Upper

113 100

111 96.8 83.2 124.8

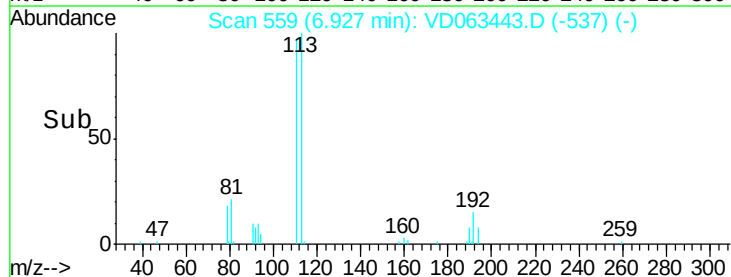
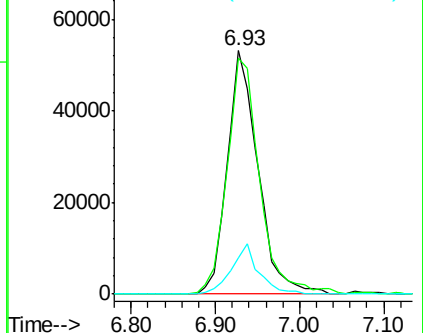
192 15.0 11.8 17.8

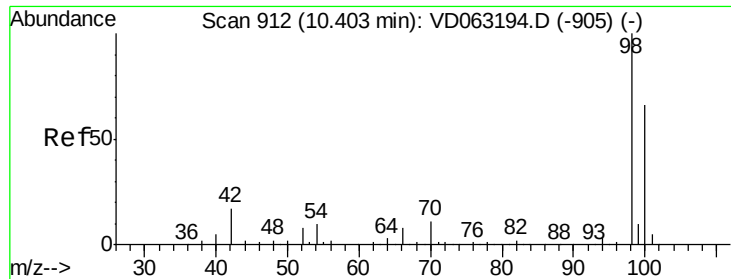


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

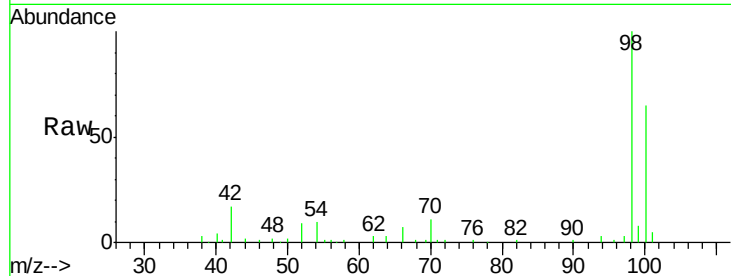




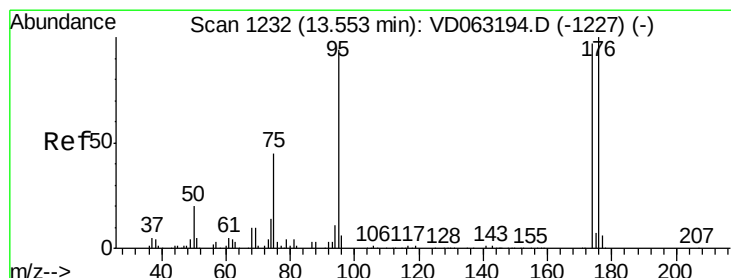
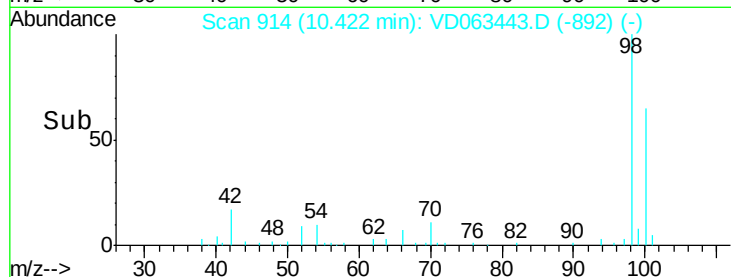
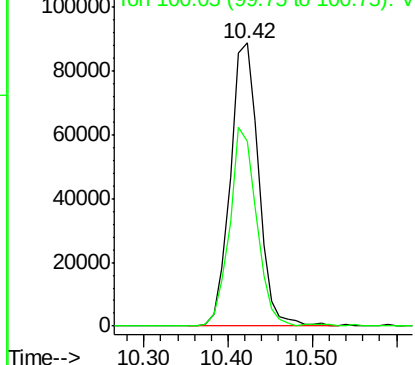
#50
Toluene-d8
Concen: 42.583 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD063443.D
Acq: 8 Aug 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
SP-5

Tot Ion: 98 Resp: 206510
Ion Ratio Lower Upper
98 100
100 65.2 53.2 79.8

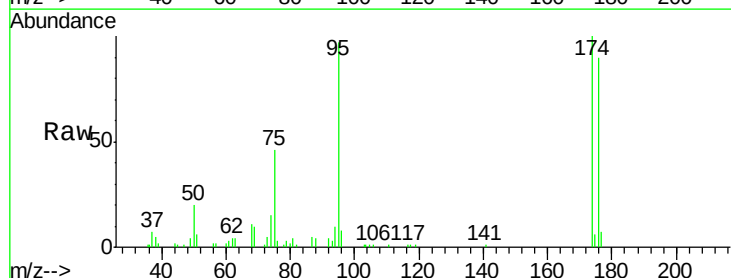


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

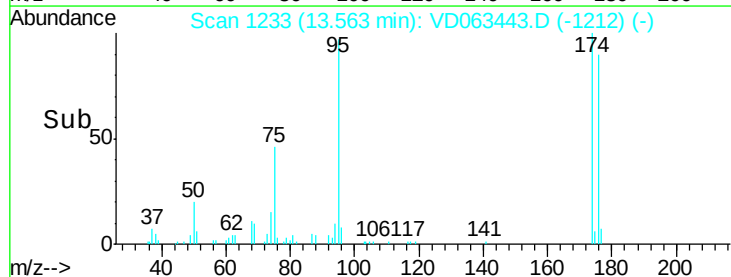
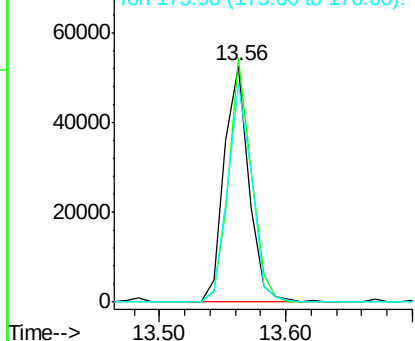


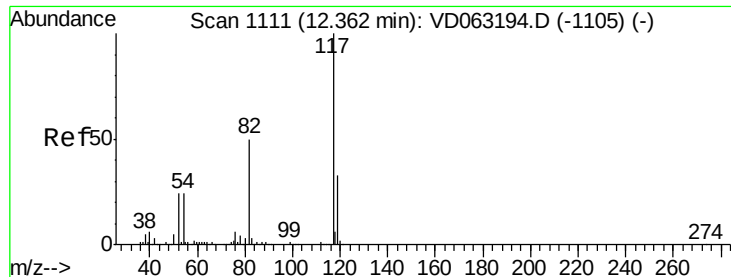
#62
4-Bromofluorobenzene
Concen: 32.026 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063443.D
Acq: 8 Aug 2019 17:25

Tgt Ion: 95 Resp: 70775
Ion Ratio Lower Upper
95 100
174 103.2 0.0 205.4
176 92.6 0.0 211.8



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

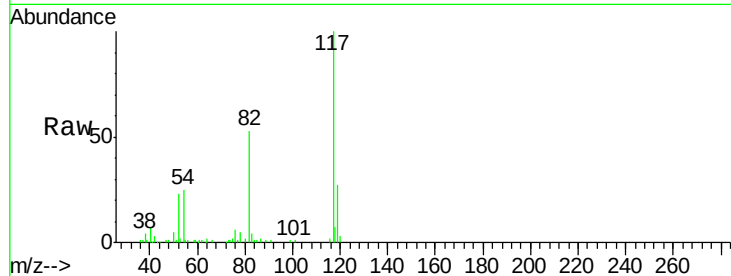




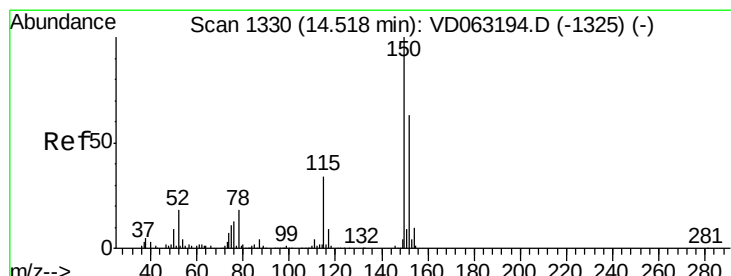
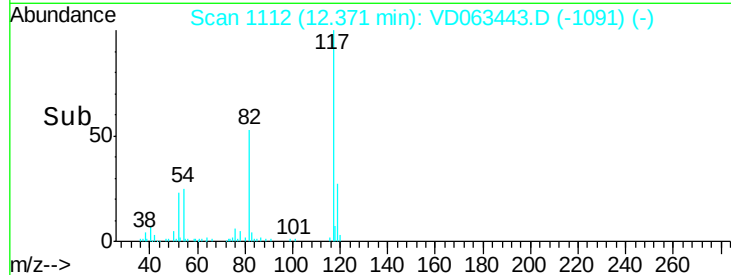
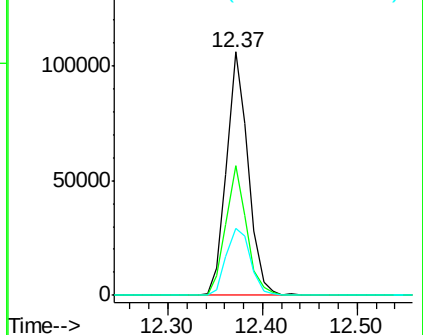
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063443.D
Acq: 8 Aug 2019 17:25

Instrument :
MSVOA_D
ClientSampled :
SP-5

Tot Ion:117 Resp: 168168
Ion Ratio Lower Upper
117 100
82 53.2 40.1 60.1
119 27.3 26.5 39.7

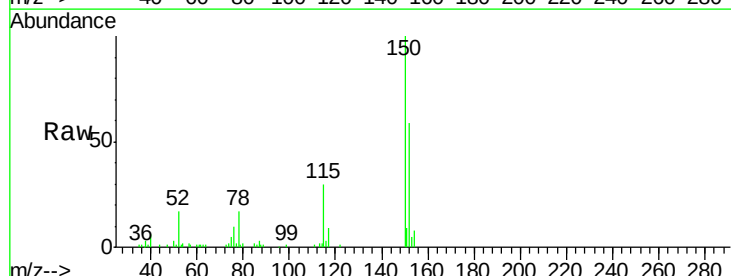


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

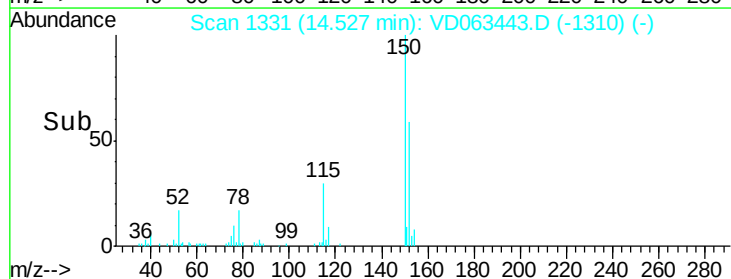
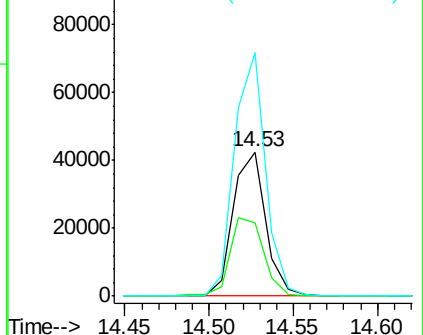


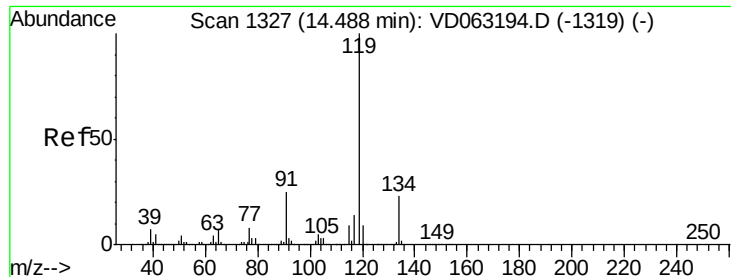
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063443.D
Acq: 8 Aug 2019 17:25

Tgt Ion:152 Resp: 56679
Ion Ratio Lower Upper
152 100
115 51.3 27.5 82.4
150 169.3 0.0 320.6



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

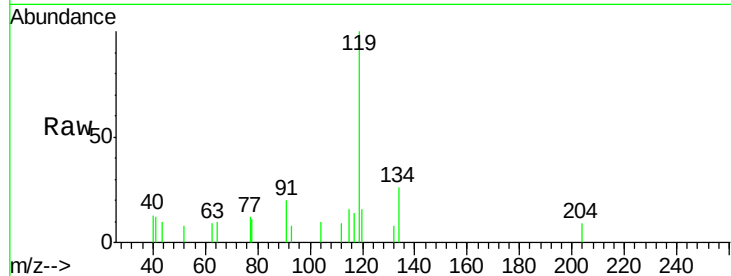




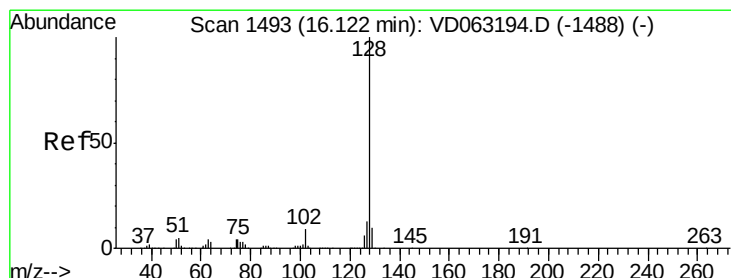
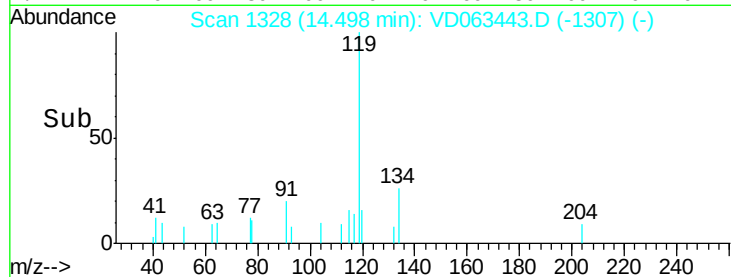
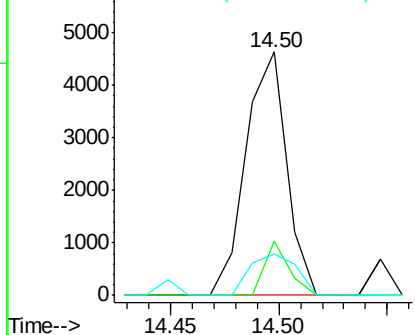
#86
p-Isopropyltoluene
Concen: 1.731 ug/l
RT: 14.50 min Scan# 1328
Delta R.T. 0.01 min
Lab File: VD063443.D
Acq: 8 Aug 2019 17:25

Instrument :
MSVOA_D
ClientSampleId :
SP-5

Tot Ion:119 Resp: 6098
Ion Ratio Lower Upper
119 100
134 22.5 11.5 34.5
91 17.2 12.6 37.6

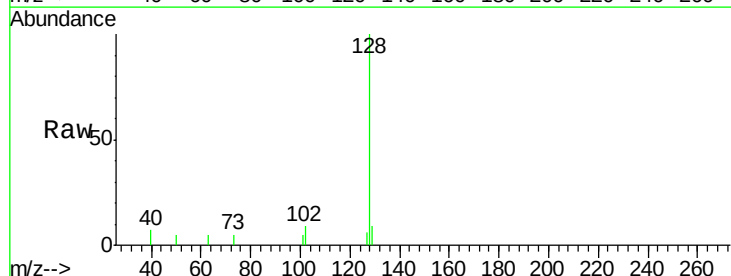


Abundance Ion 119.05 (118.75 to 119.75): V
Ion 134.10 (133.80 to 134.80): V
Ion 91.00 (90.70 to 91.70): V



#95
Naphthalene
Concen: 4.559 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD063443.D
Acq: 8 Aug 2019 17:25

Tgt Ion:128 Resp: 7993
Ion Ratio Lower Upper
128 100
127 5.5 10.2 15.4#
129 8.6 7.8 11.8



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

