

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063457.D
 Acq On : 9 Aug 2019 1:36
 Operator : JC/SY
 Sample : K4223-22
 Misc : 4.01g/5ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-11

Quant Time: Aug 09 08:06:46 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

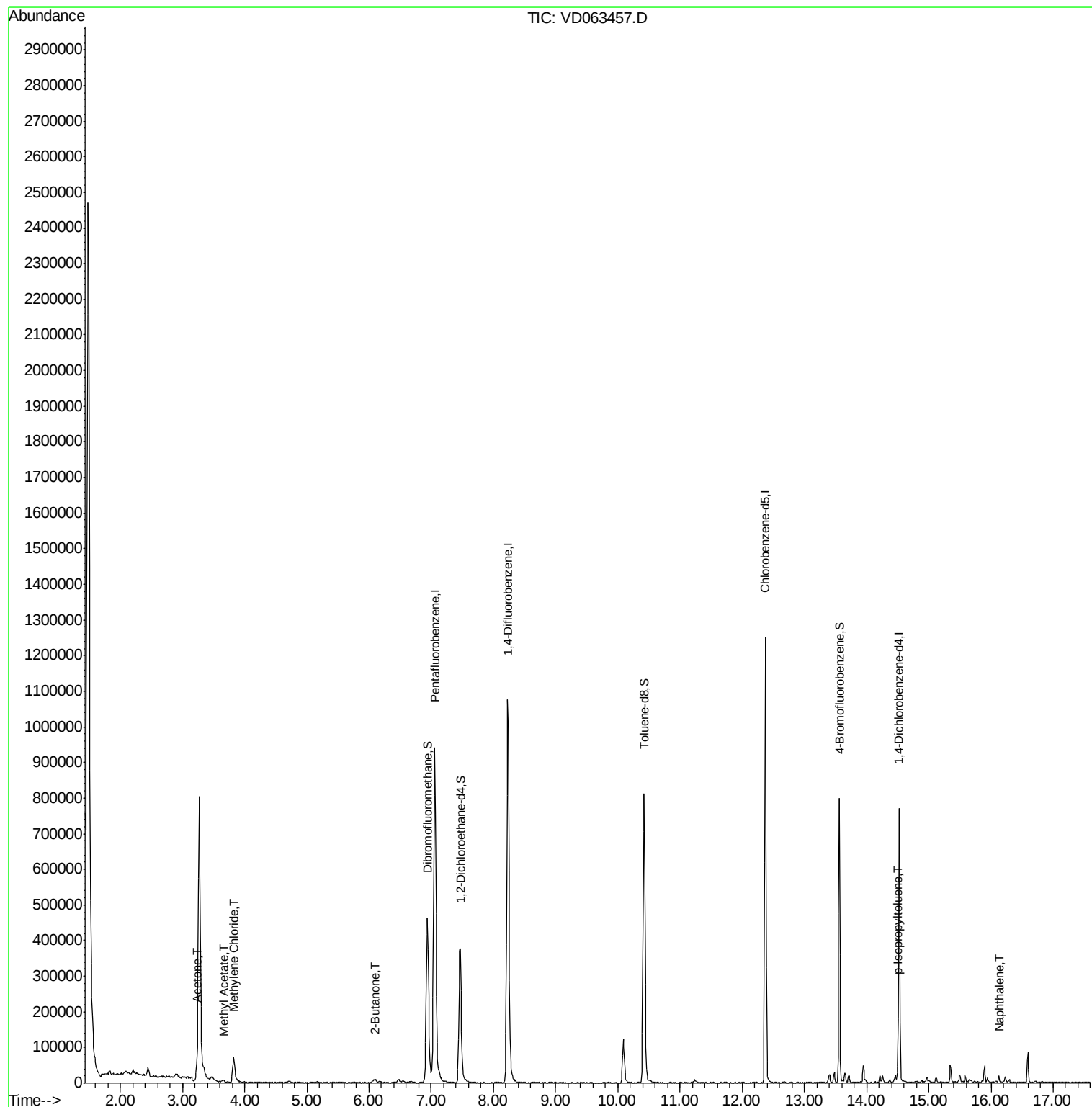
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	884777	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1208972	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	675658	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	190676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	422027	42.99	ug/l	0.02
Spiked Amount 50.000			Recovery	=	85.98%	
35) Dibromofluoromethane	6.94	113	410141	39.73	ug/l	0.03
Spiked Amount 50.000			Recovery	=	79.46%	
50) Toluene-d8	10.42	98	677345	29.32	ug/l	0.02
Spiked Amount 50.000			Recovery	=	58.64%	
62) 4-Bromofluorobenzene	13.56	95	204494	19.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	38.86%	
Target Compounds						
					Qvalue	
16) Acetone	3.23	43	71189	37.217	ug/l #	87
18) Methyl Acetate	3.66	43	11292	3.073	ug/l	94
20) Methylene Chloride	3.83	84	44352	5.736	ug/l	93
25) 2-Butanone	6.10	43	21210	11.049	ug/l #	78
86) p-Isopropyltoluene	14.50	119	14913	1.258	ug/l	91
95) Naphthalene	16.13	128	11927	2.022	ug/l	97

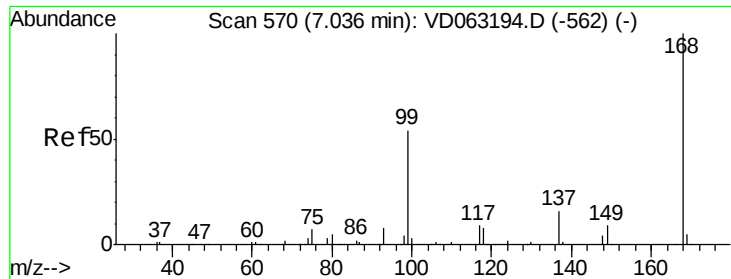
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063457.D

Acq: 9 Aug 2019 1:36

Instrument :

MSVOA_D

ClientSampleId :

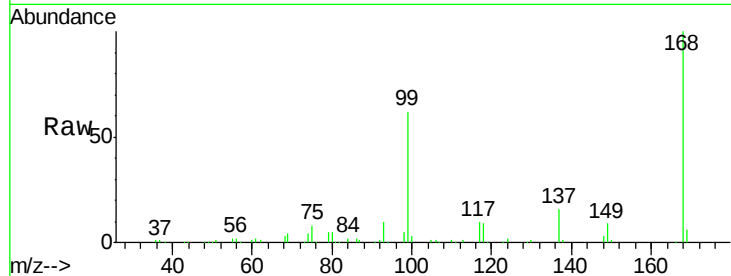
SP-11

Tot Ion:168 Resp: 884777

Ion Ratio Lower Upper

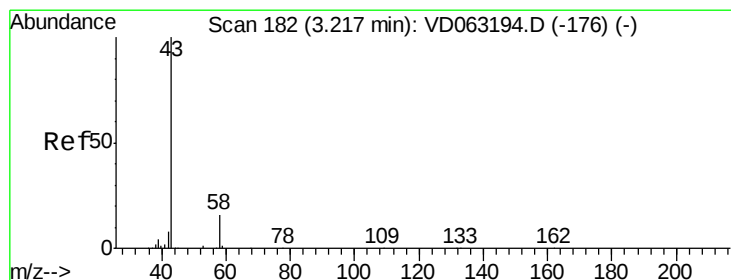
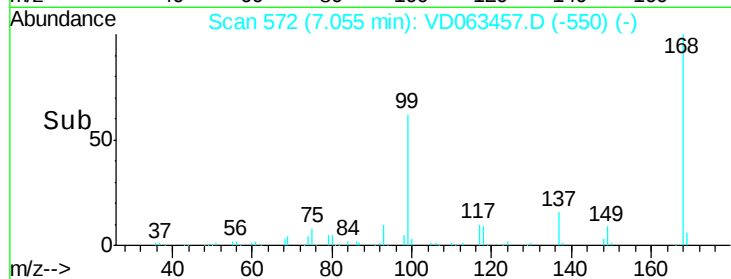
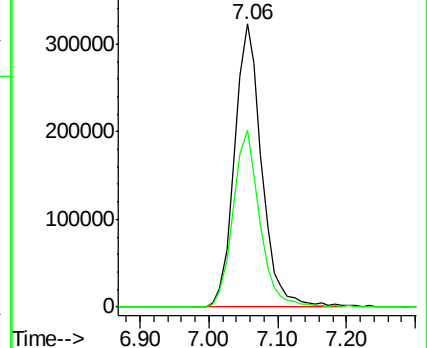
168 100

99 62.5 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: 37.217 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063457.D

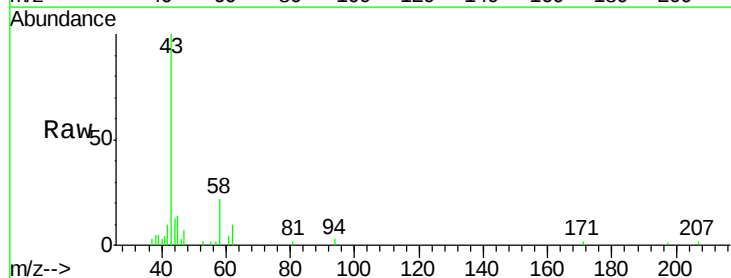
Acq: 9 Aug 2019 1:36

Tgt Ion: 43 Resp: 71189

Ion Ratio Lower Upper

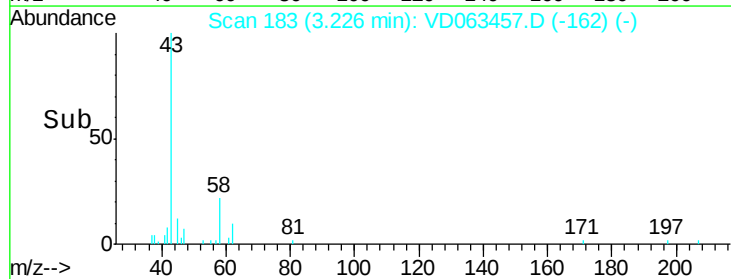
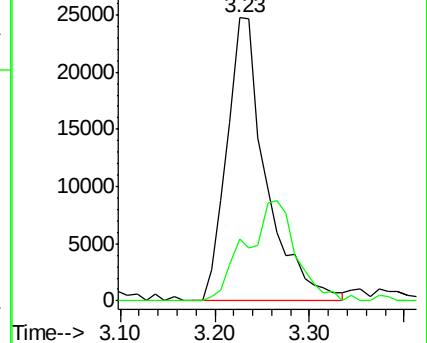
43 100

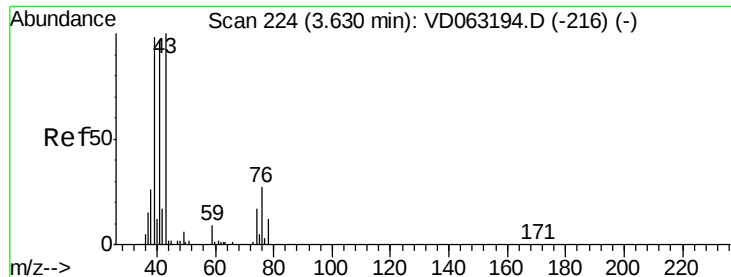
58 21.7 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

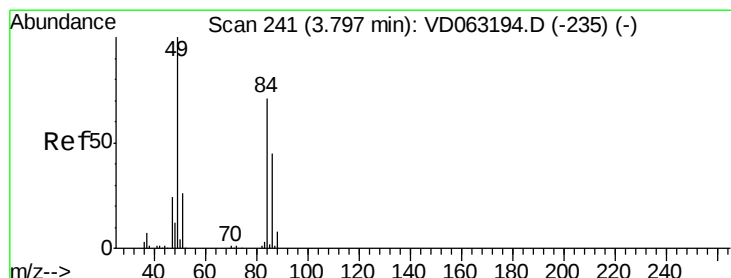
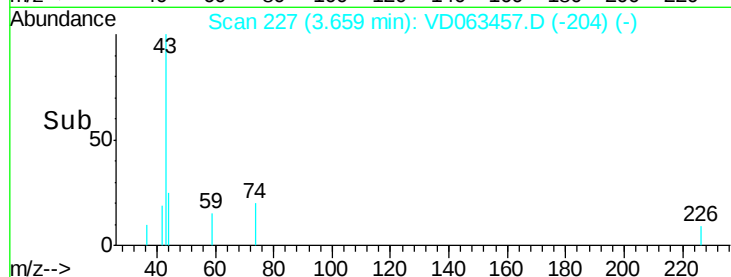
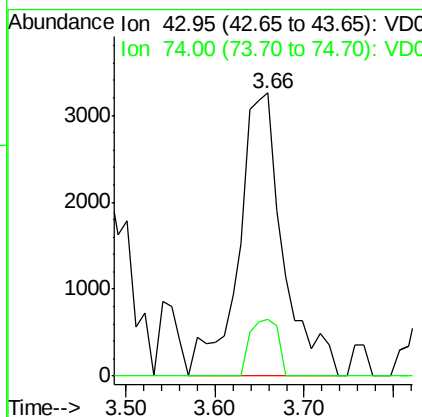
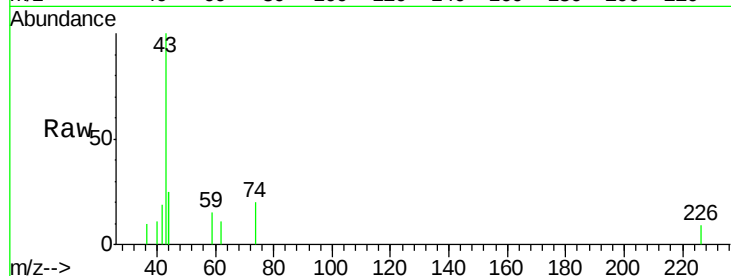




#18
Methvl Acetate
Concen: 3.073 ug/l
RT: 3.66 min Scan# 227
Delta R.T. 0.03 min
Lab File: VD063457.D
Acq: 9 Aug 2019 1:36

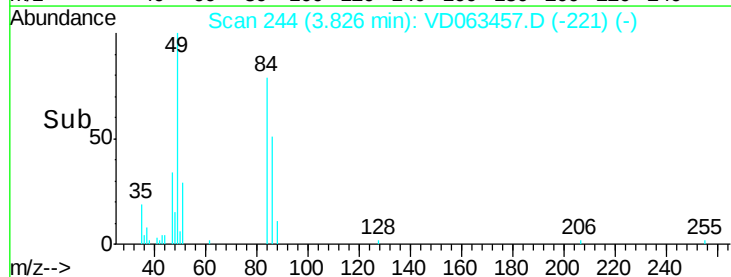
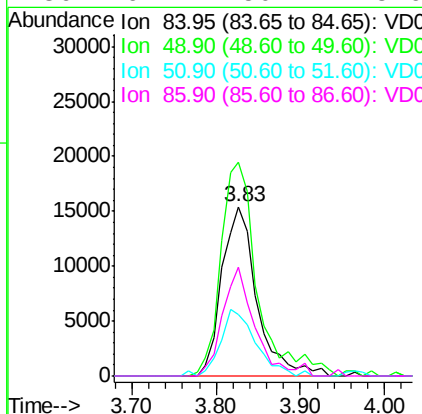
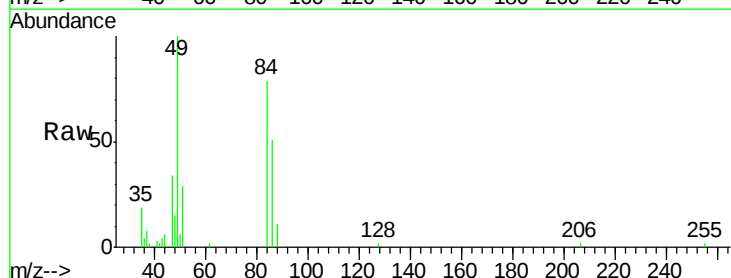
Instrument :
MSVOA_D
ClientSampleId :
SP-11

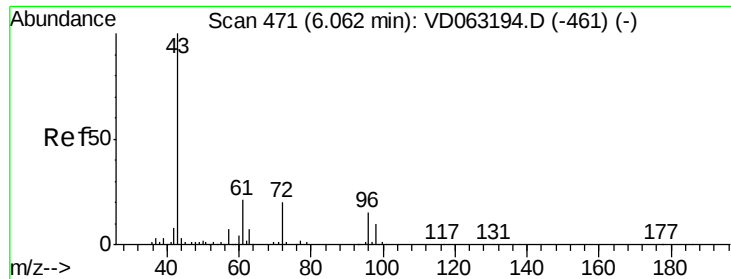
Tot Ion: 43 Resp: 11292
Ion Ratio Lower Upper
43 100
74 20.0 13.8 20.8



#20
Methylene Chloride
Concen: 5.736 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD063457.D
Acq: 9 Aug 2019 1:36

Tgt Ion: 84 Resp: 44352
Ion Ratio Lower Upper
84 100
49 126.4 112.5 168.7
51 36.6 29.6 44.4
86 64.7 50.4 75.6





#25

2-Butanone

Concen: 11.049 ug/l

RT: 6.10 min Scan# 475

Delta R.T. 0.04 min

Lab File: VD063457.D

Acq: 9 Aug 2019 1:36

Instrument :

MSVOA_D

ClientSampled :

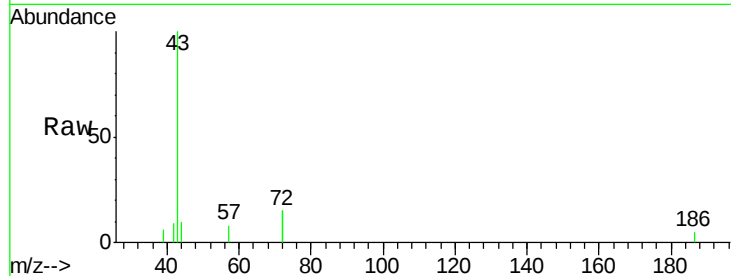
SP-11

Tot Ion: 43 Resp: 21210

Ion Ratio Lower Upper

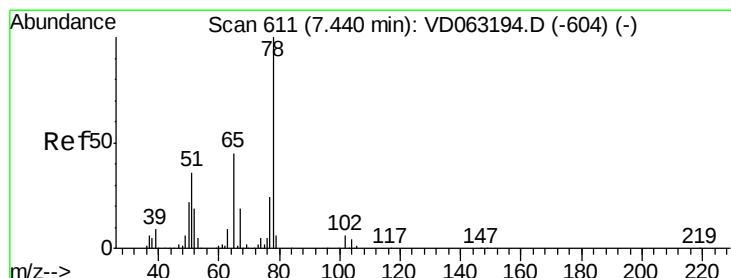
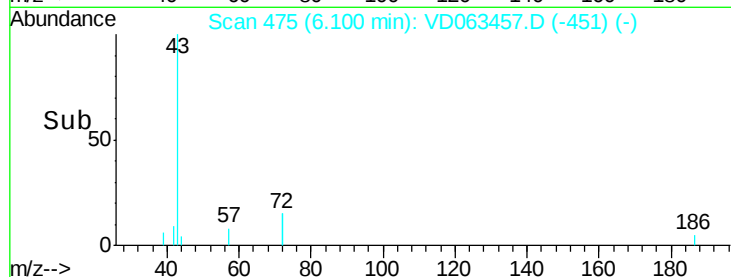
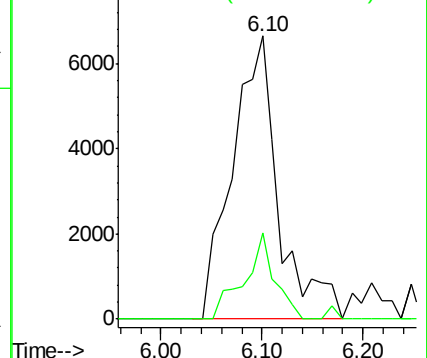
43 100

72 30.6 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: 42.987 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063457.D

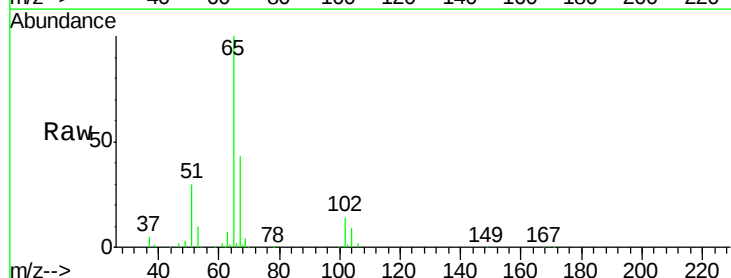
Acq: 9 Aug 2019 1:36

Tgt Ion: 65 Resp: 422027

Ion Ratio Lower Upper

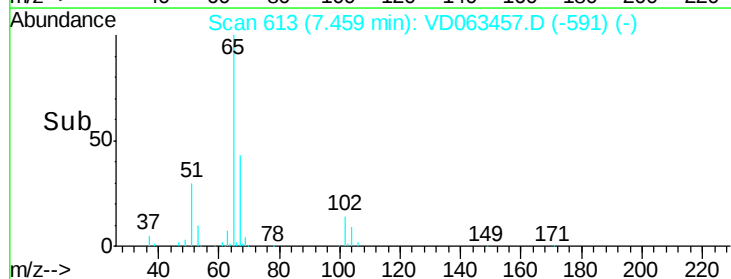
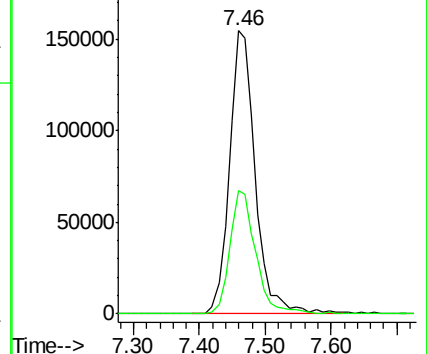
65 100

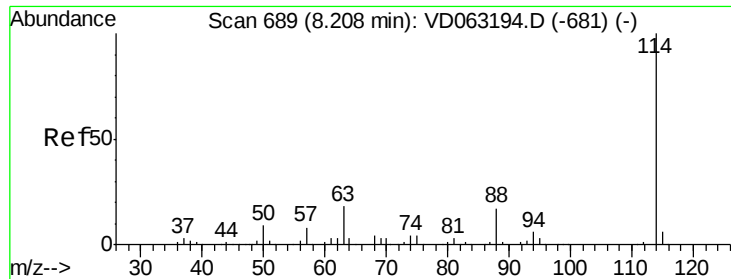
67 43.4 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

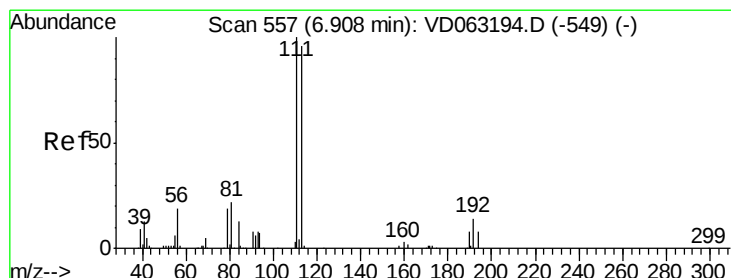
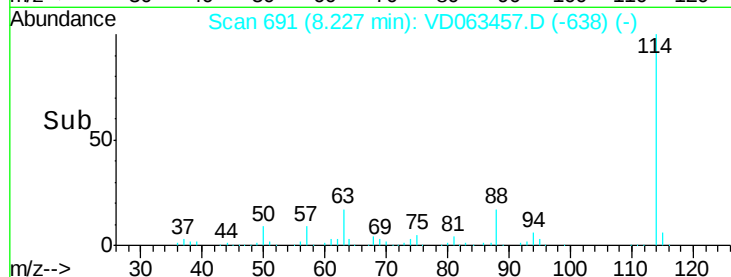
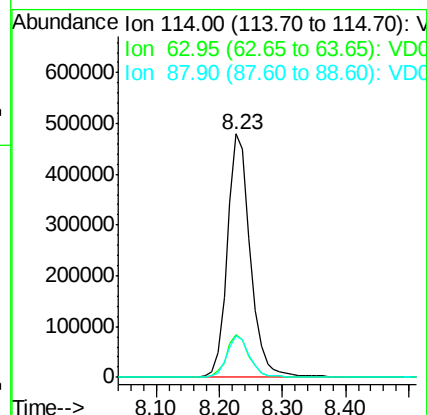
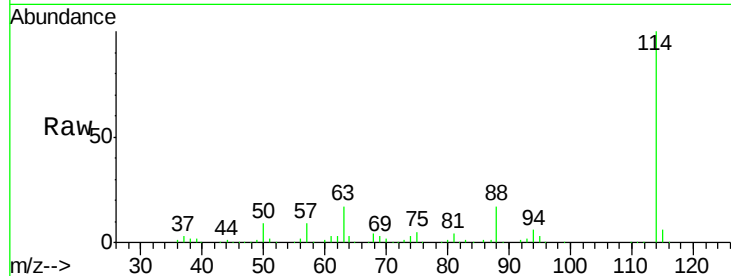




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063457.D
 Acq: 9 Aug 2019 1:36

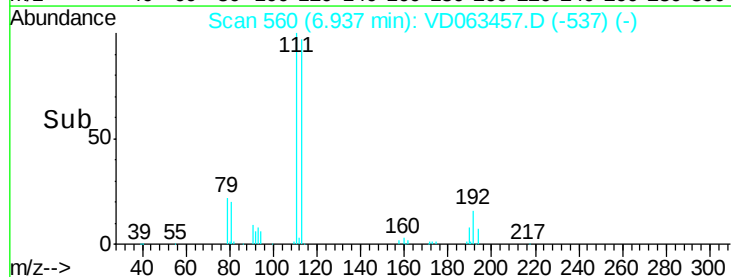
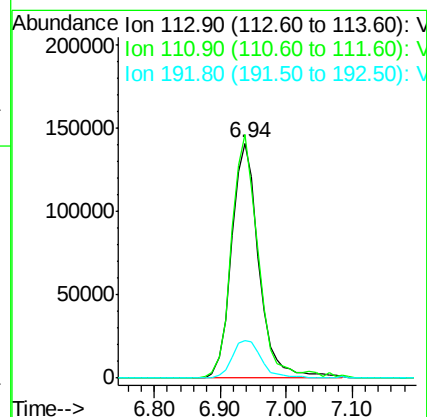
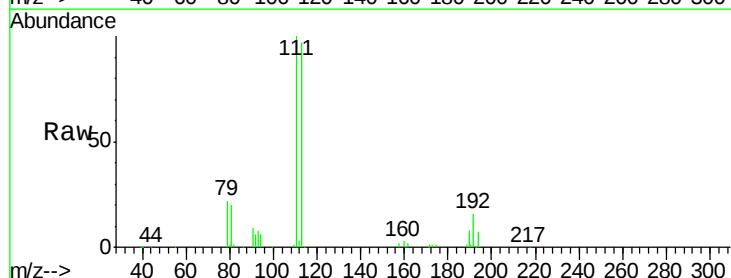
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-11

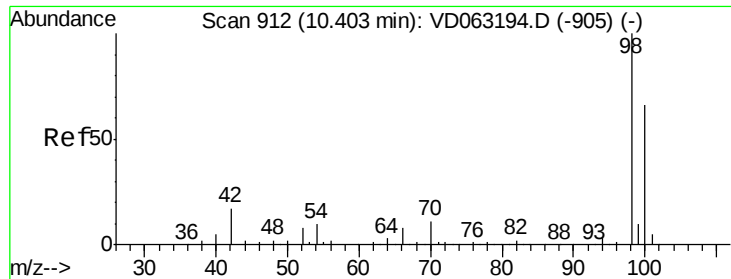
Tot Ion:114 Resp: 1208972
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.2
 88 17.2 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 39.734 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD063457.D
 Acq: 9 Aug 2019 1:36

Tgt Ion:113 Resp: 410141
 Ion Ratio Lower Upper
 113 100
 111 103.5 83.2 124.8
 192 16.1 11.8 17.8

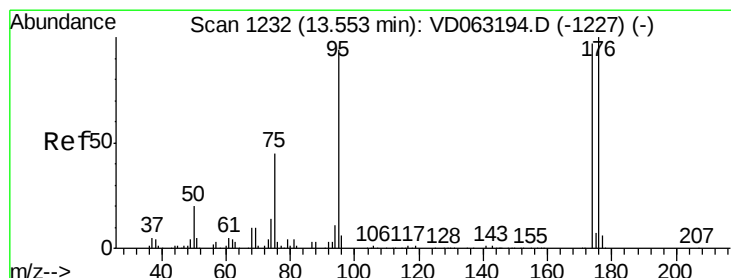
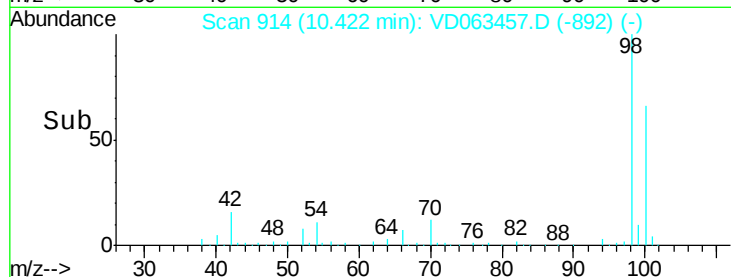
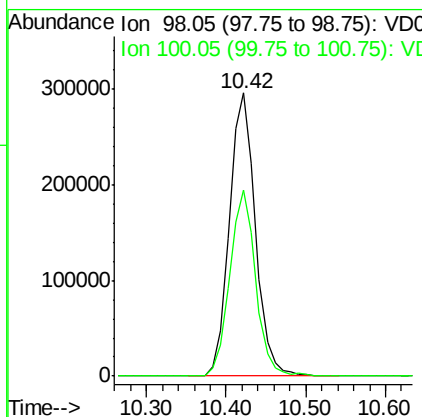
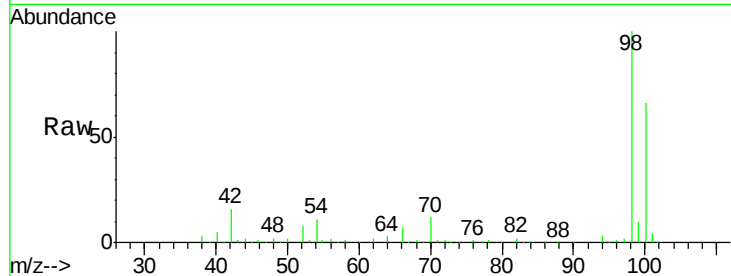




#50
Toluene-d8
Concen: 29.321 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD063457.D
Acq: 9 Aug 2019 1:36

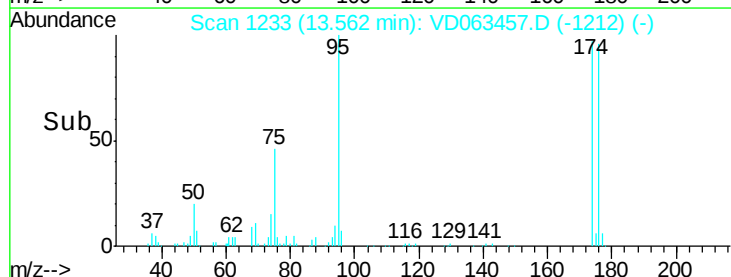
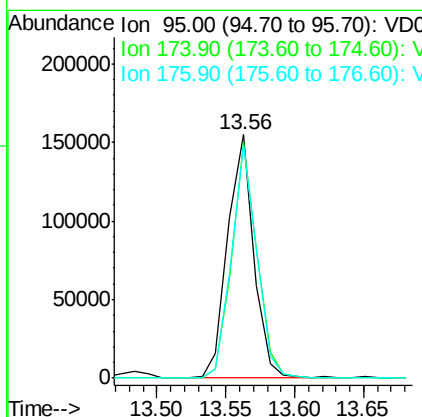
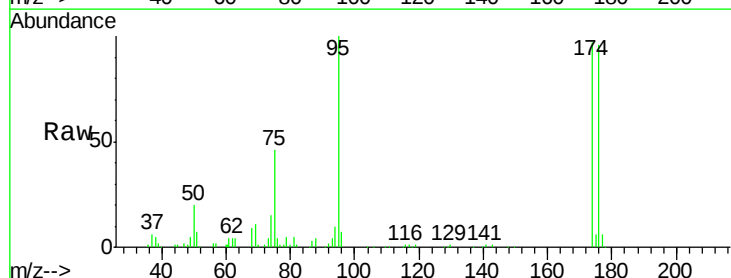
Instrument :
MSVOA_D
ClientSampleId :
SP-11

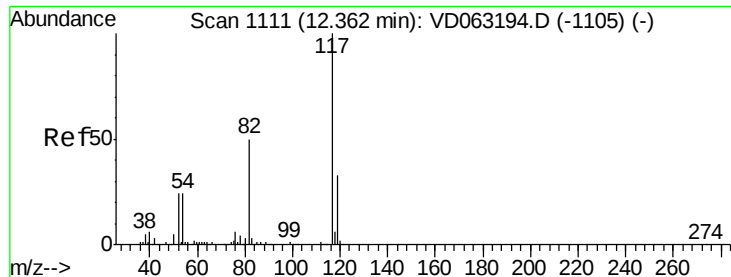
Tot Ion: 98 Resp: 677345
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 19.426 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063457.D
Acq: 9 Aug 2019 1:36

Tgt Ion: 95 Resp: 204494
Ion Ratio Lower Upper
95 100
174 97.1 0.0 205.4
176 95.8 0.0 211.8

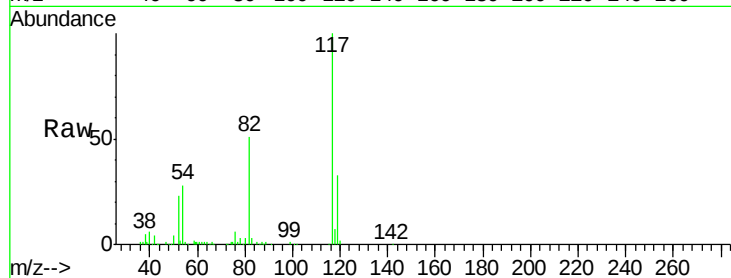




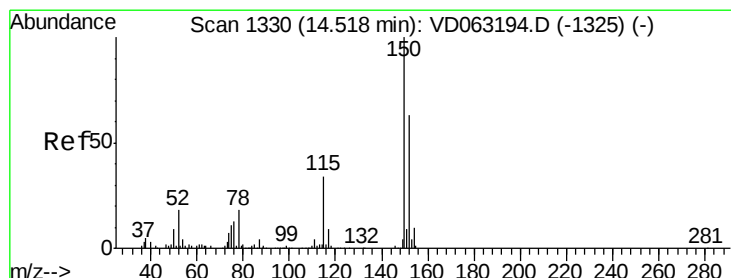
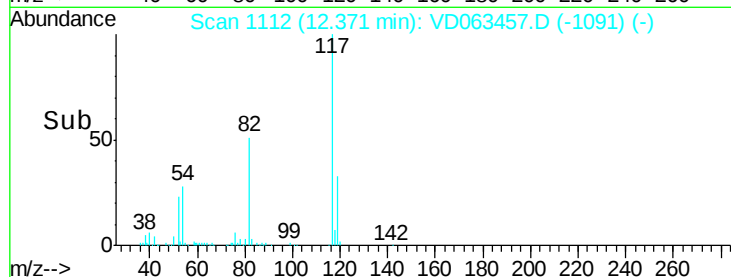
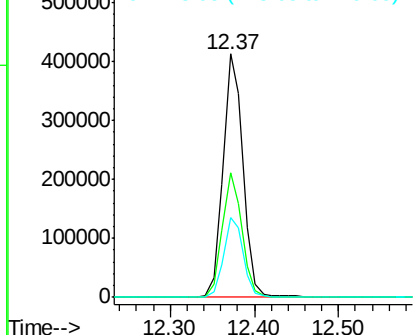
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063457.D
Acq: 9 Aug 2019 1:36

Instrument :
MSVOA_D
ClientSampled :
SP-11

Tot Ion:117 Resp: 675658
Ion Ratio Lower Upper
117 100
82 51.0 40.1 60.1
119 32.6 26.5 39.7

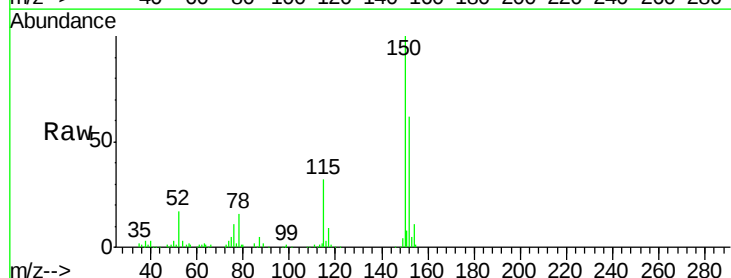


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

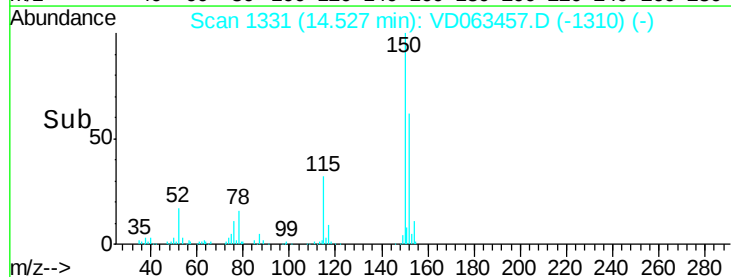
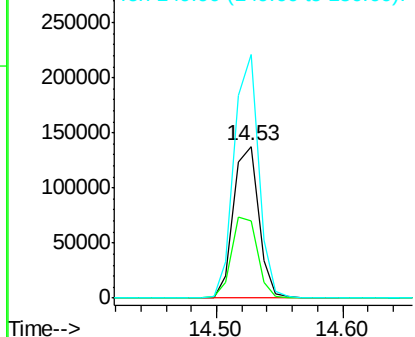


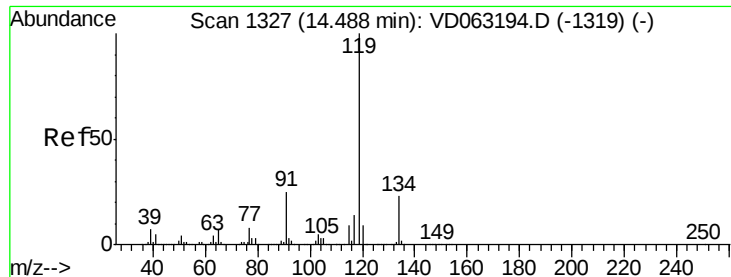
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063457.D
Acq: 9 Aug 2019 1:36

Tgt Ion:152 Resp: 190676
Ion Ratio Lower Upper
152 100
115 51.1 27.5 82.4
150 160.2 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

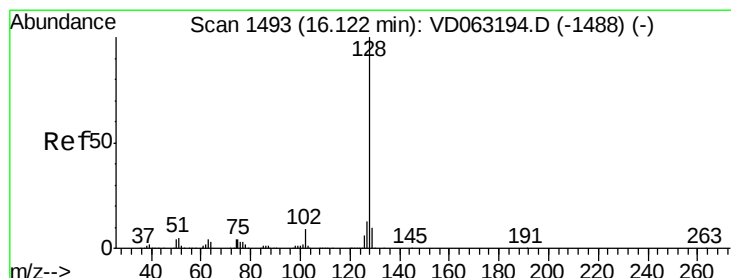
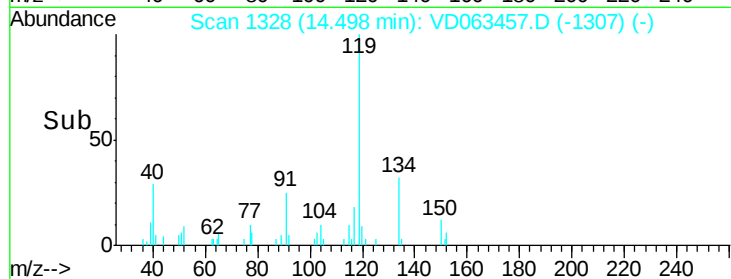
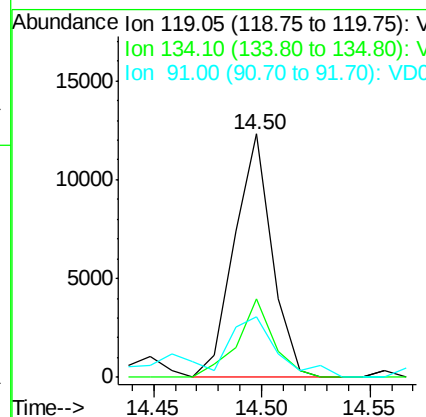
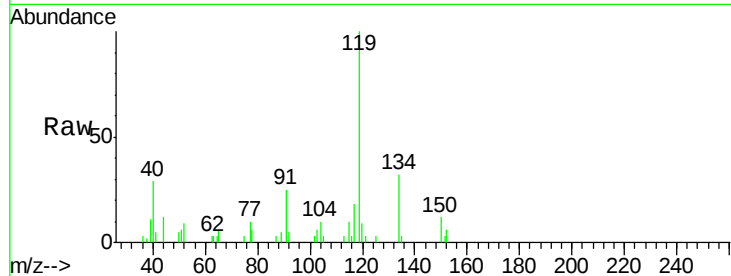




#86
 p-Isopropyltoluene
 Concen: 1.258 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. 0.01 min
 Lab File: VD063457.D
 Acq: 9 Aug 2019 1:36

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-11

Tot Ion	Ratio	Lower	Upper
119	100		
134	32.2	11.5	34.5
91	24.9	12.6	37.6



#95
 Naphthalene
 Concen: 2.022 ug/l
 RT: 16.13 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: VD063457.D
 Acq: 9 Aug 2019 1:36

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.4
129	10.5	7.8	11.8

