

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080819\
 Data File : VD063438.D
 Acq On : 8 Aug 2019 15:09
 Operator : JC/SY
 Sample : K4092-03
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-080719-B

Manual Integrations
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 8/9/2019 9:29:55 AM

Quant Time: Aug 09 07:31:22 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	875565	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1251956	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	961668	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	370449	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	504996	51.98	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.96%	
35) Dibromofluoromethane	6.94	113	546267	51.11	ug/l	0.03
Spiked Amount 50.000			Recovery	=	102.22%	
50) Toluene-d8	10.42	98	1097982	45.90	ug/l	0.02
Spiked Amount 50.000			Recovery	=	91.80%	
62) 4-Bromofluorobenzene	13.56	95	387822	35.58	ug/l	0.01
Spiked Amount 50.000			Recovery	=	71.16%	
Target Compounds						
16) Acetone	3.23	43	23978	12.667	ug/l #	81
20) Methylene Chloride	3.83	84	46675	6.100	ug/l #	79
80) 1,3,5-Trimethylbenzene	13.94	105	39918	1.991	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	189830	9.152	ug/l	97
89) n-Butylbenzene	14.80	91	25480m	1.281	ug/l	
95) Naphthalene	16.13	128	27432	2.394	ug/l #	91

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

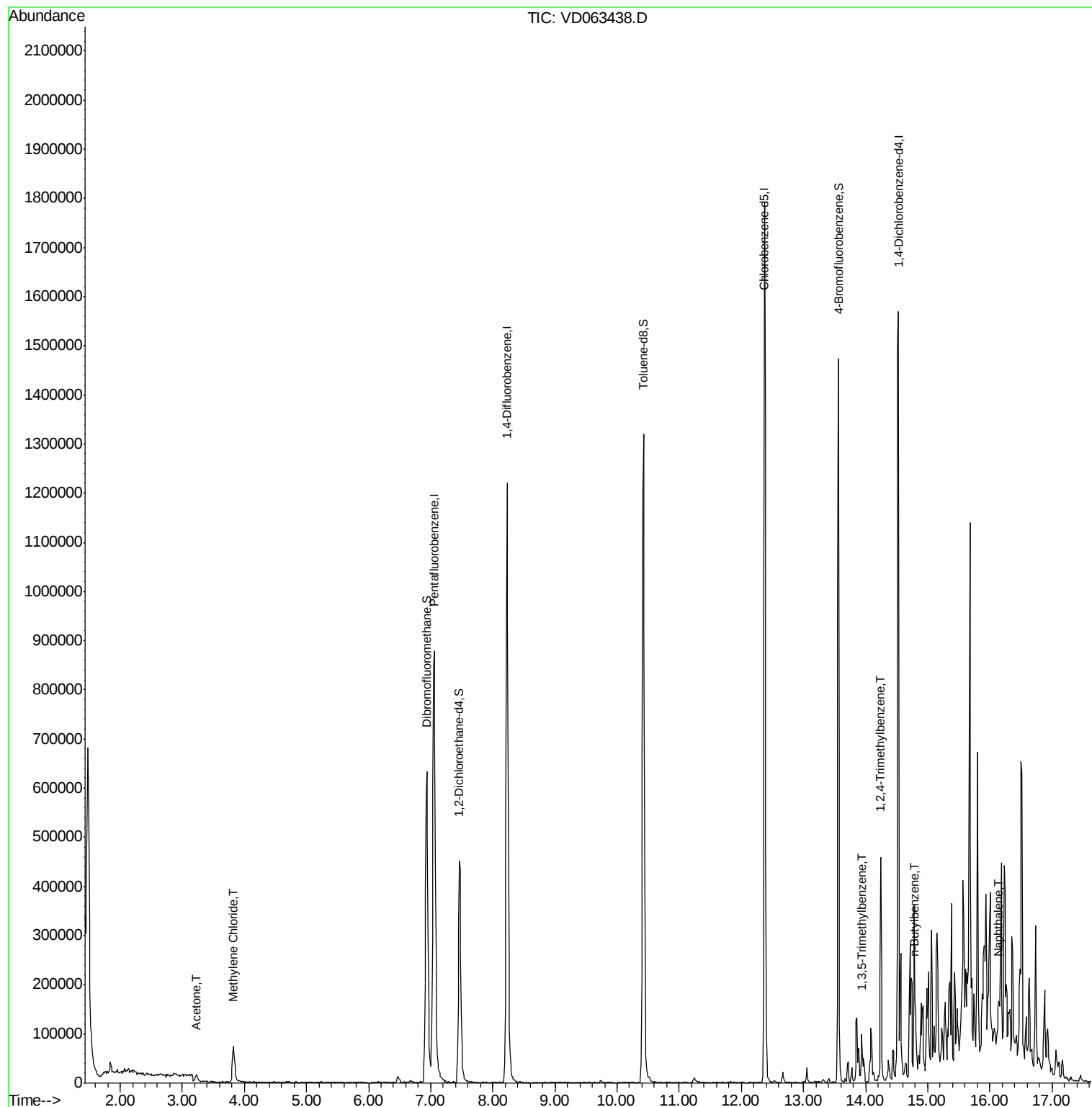
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD080819\
Data File : VD063438.D
Acq On : 8 Aug 2019 15:09
Operator : JC/SY
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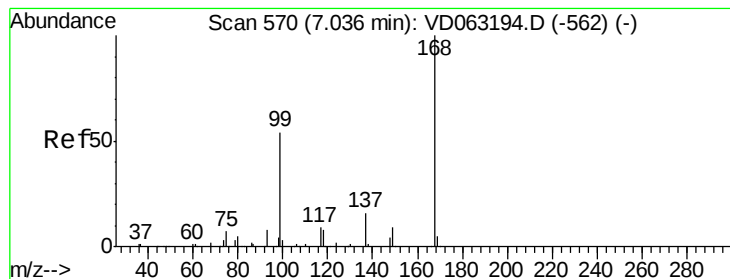
Instrument :
MSVOA_D
ClientSampleId :
EO-01-080719-B

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8/9/2019 9:29:55 AM

Quant Time: Aug 09 07:31:22 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: VD063438.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_D

ClientSampleId :

EO-01-080719-B

Tot Ion:168 Resp: 875565

Ion Ratio Lower Upper

168 100

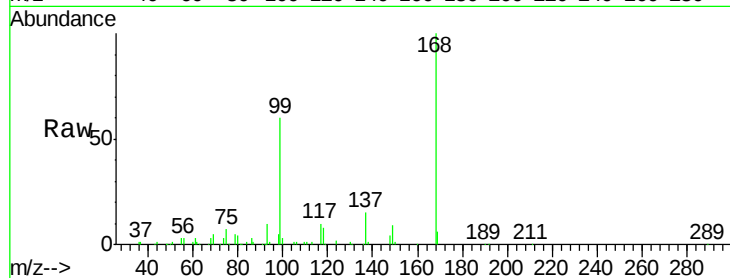
99 59.7 43.7 65.5

Manual Integrations

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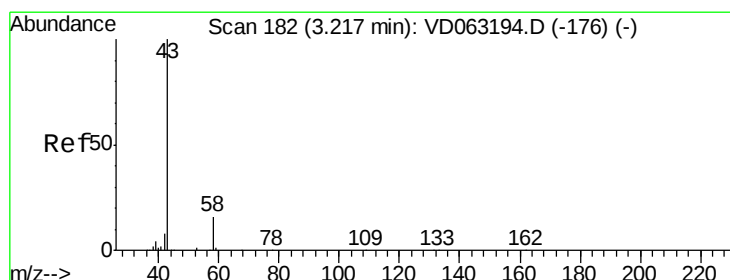
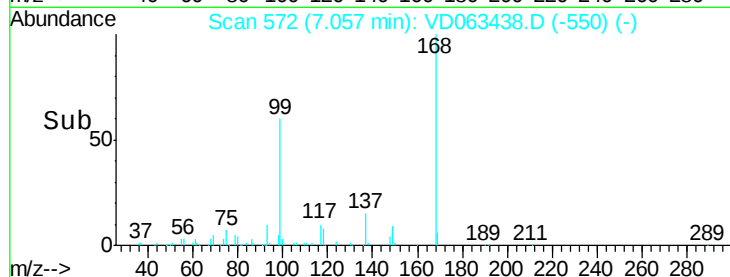
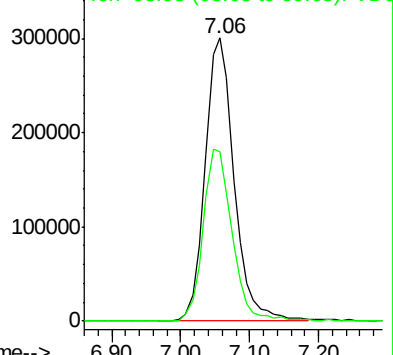
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 12.667 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD063438.D

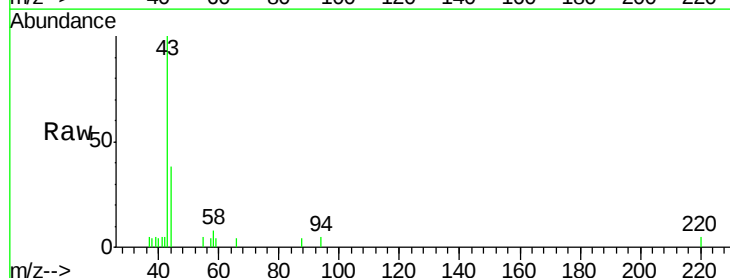
Acq: 8 Aug 2019 15:09

Tgt Ion: 43 Resp: 23978

Ion Ratio Lower Upper

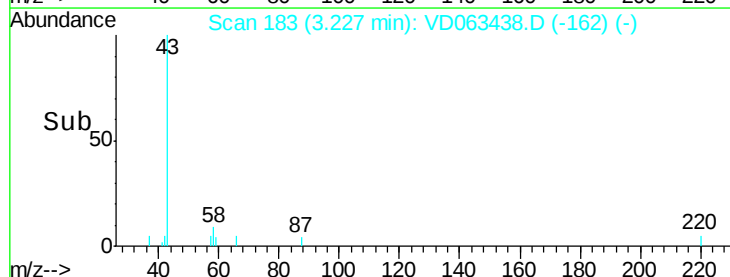
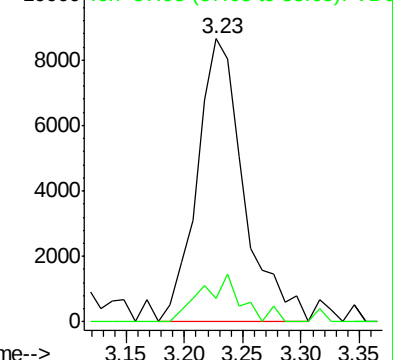
43 100

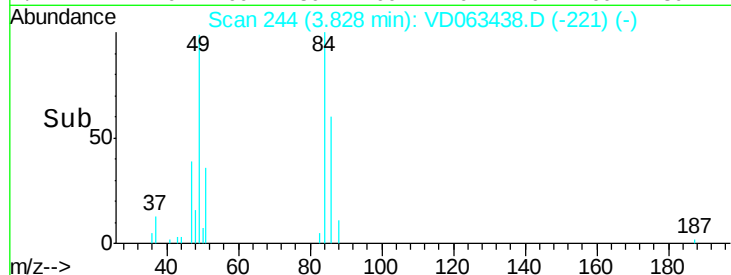
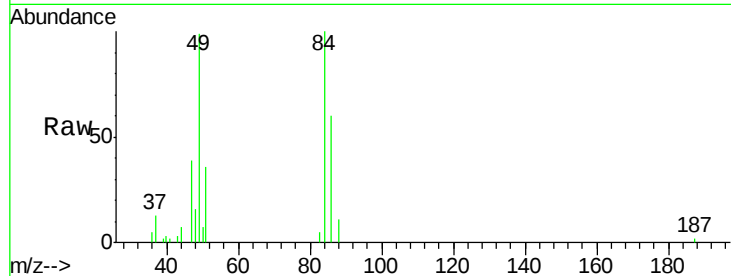
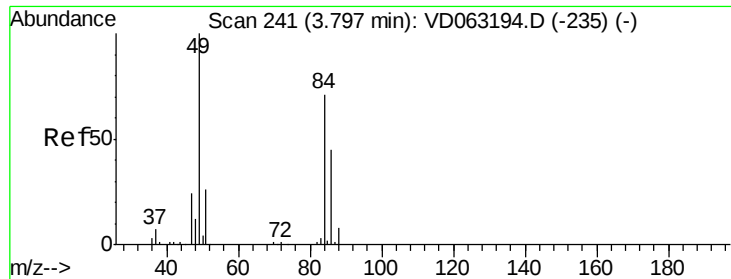
58 8.1 13.0 19.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





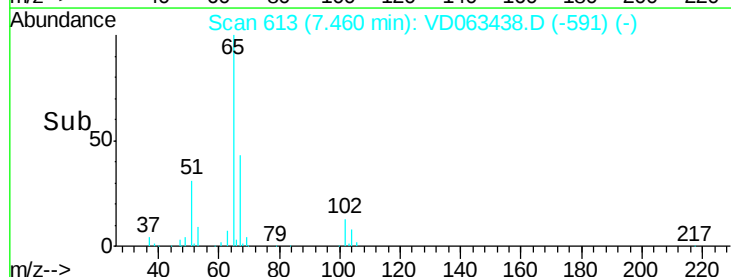
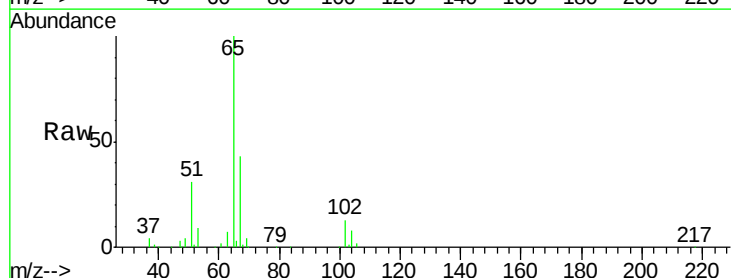
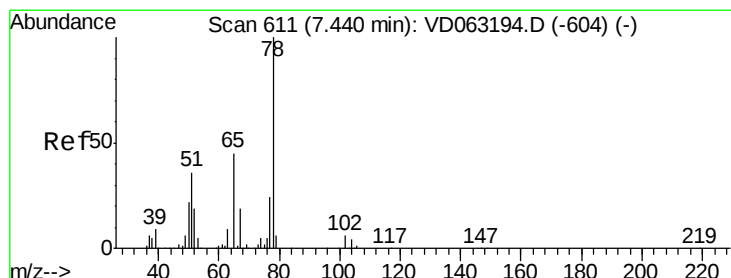
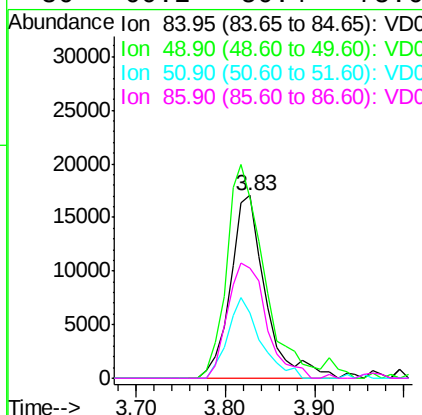
#20
Methvlene Chloride
Concen: 6.100 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD063438.D
Acq: 8 Aug 2019 15:09

Tot Ion	Ratio	Lower	Upper
84	100		
49	98.6	112.5	168.7#
51	35.7	29.6	44.4
86	60.2	50.4	75.6

Instrument :
MSVOA_D
ClientSampleId :
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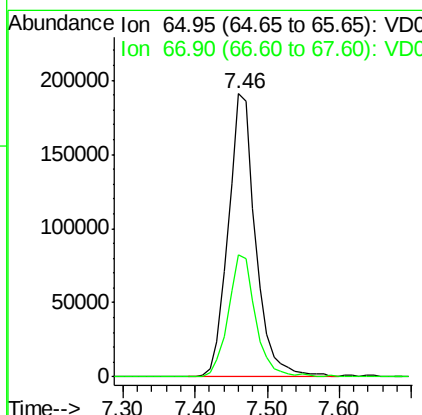
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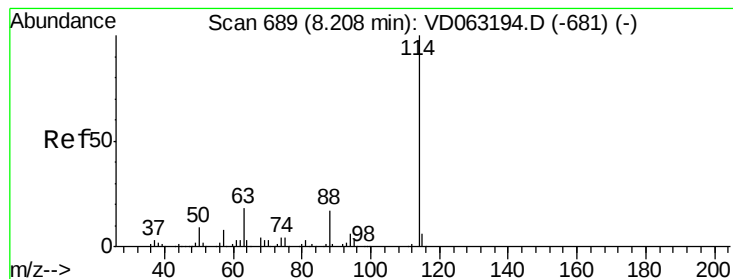
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#33
1,2-Dichloroethane-d4
Concen: 51.980 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD063438.D
Acq: 8 Aug 2019 15:09

Tgt Ion	Ratio	Lower	Upper
65	100		
67	43.2	0.0	85.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063438.D

Acq: 8 Aug 2019 15:09

Instrument :

MSVOA_D

ClientSampleId :

EO-01-080719-B

Tot Ion:114 Resp: 1251956

Ion Ratio Lower Upper

114 100

63 19.5 0.0 35.2

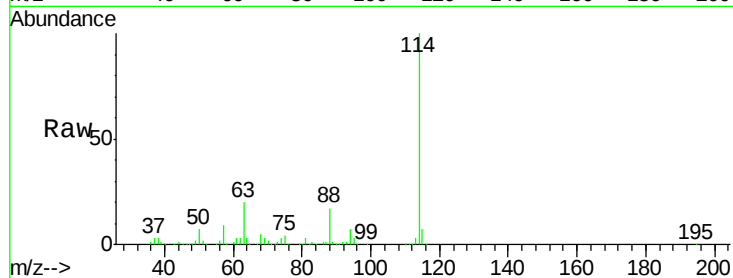
88 17.3 0.0 34.6

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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

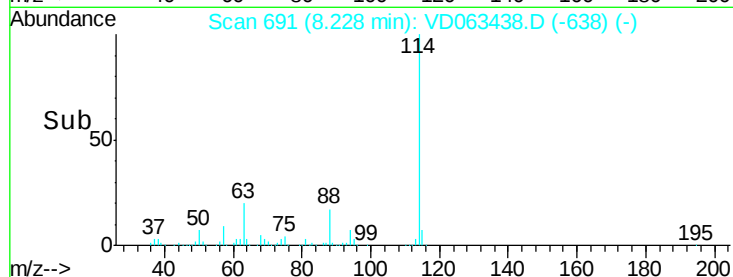
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400000

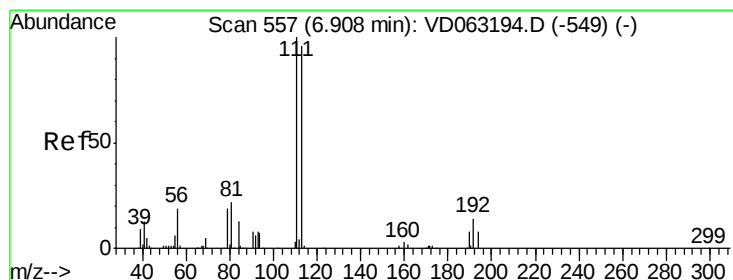
200000

0

8.10 8.20 8.30 8.40



Time-->



#35

Dibromofluoromethane

Concen: 51.105 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.03 min

Lab File: VD063438.D

Acq: 8 Aug 2019 15:09

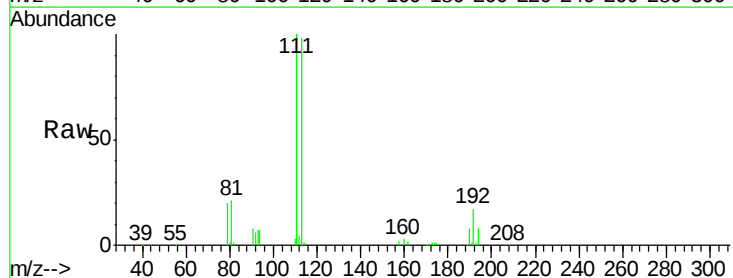
Tgt Ion:113 Resp: 546267

Ion Ratio Lower Upper

113 100

111 102.5 83.2 124.8

192 17.0 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

250000

200000

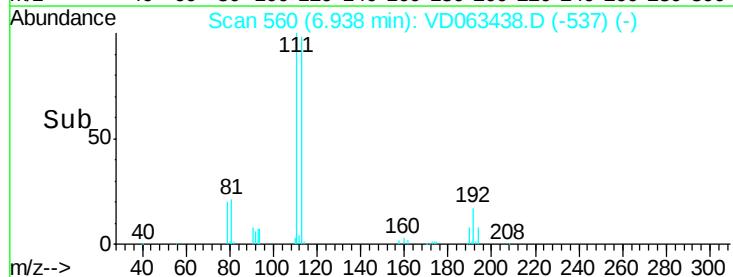
150000

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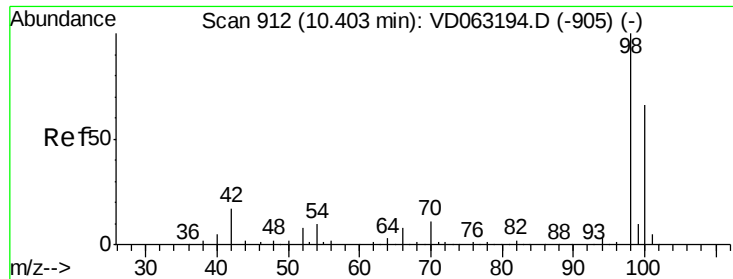
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0

6.80 6.90 7.00 7.10



Time-->



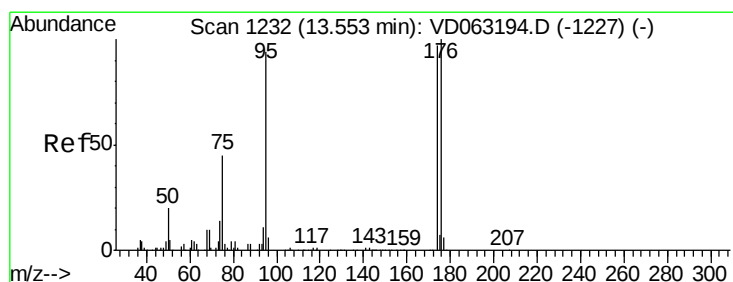
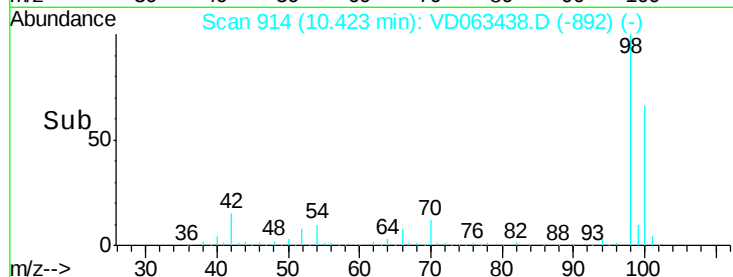
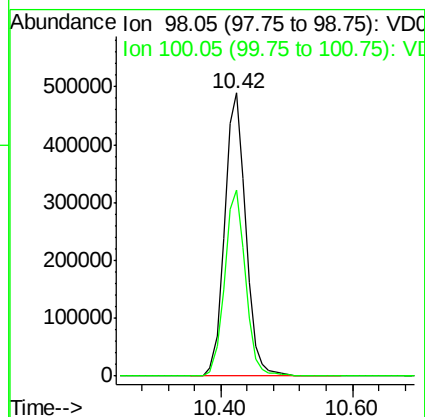
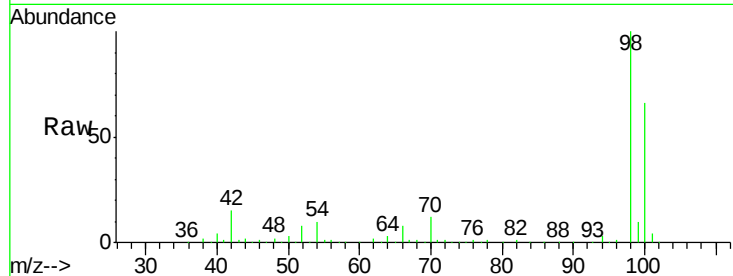
#50
Toluene-d8
Concen: 45.898 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.02 min
Lab File: VD063438.D
Acq: 8 Aug 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :
EO-01-080719-B

Tot Ion: 98 Resp: 1097982
Ion Ratio Lower Upper
98 100
100 65.8 53.2 79.8

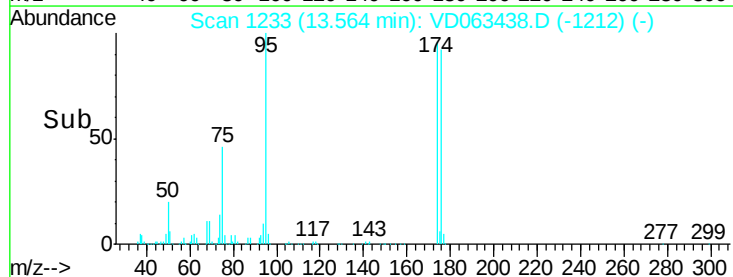
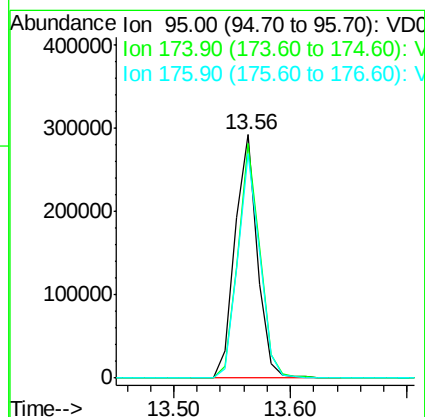
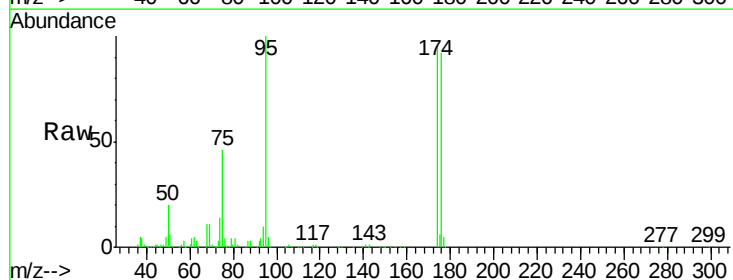
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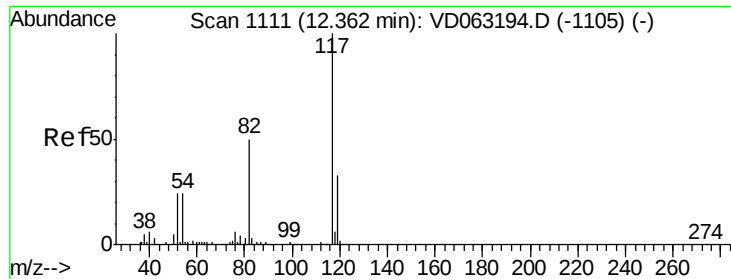
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#62
4-Bromofluorobenzene
Concen: 35.576 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD063438.D
Acq: 8 Aug 2019 15:09

Tgt Ion: 95 Resp: 387822
Ion Ratio Lower Upper
95 100
174 96.5 0.0 205.4
176 92.2 0.0 211.8





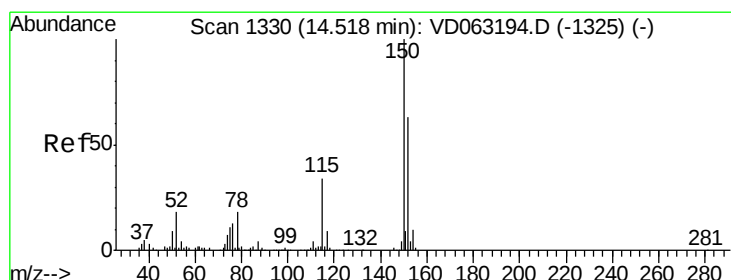
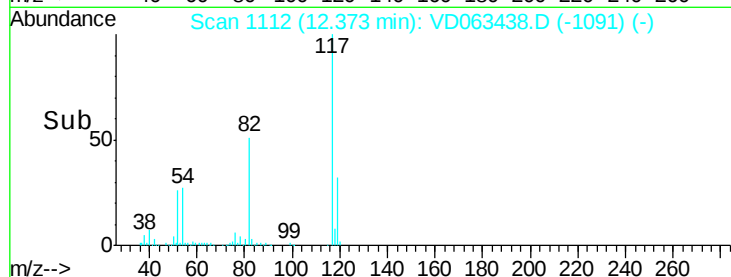
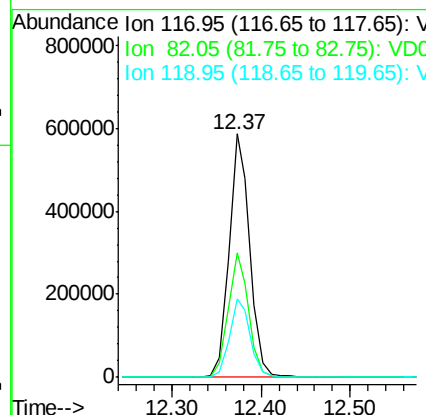
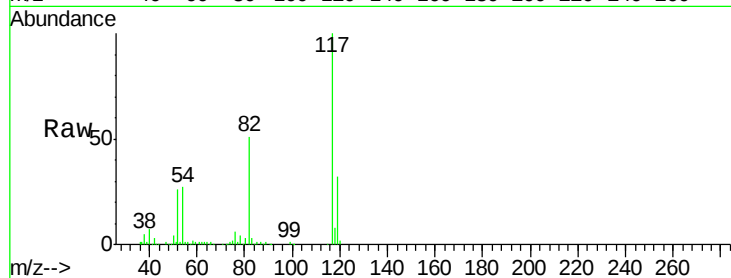
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063438.D
Acq: 8 Aug 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :
EO-01-080719-B

Tot Ion	Ratio	Resp	Lower	Upper
117	100	961668		
82	51.0		40.1	60.1
119	32.5		26.5	39.7

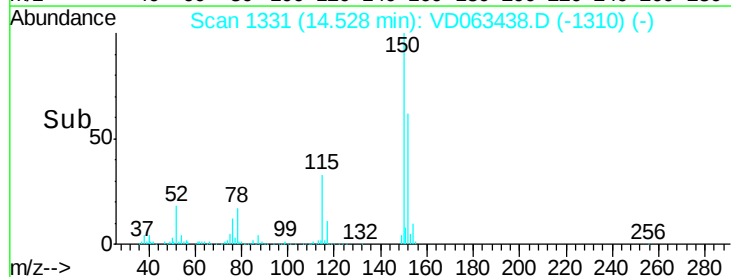
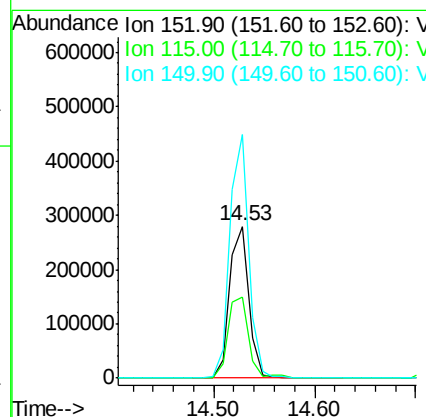
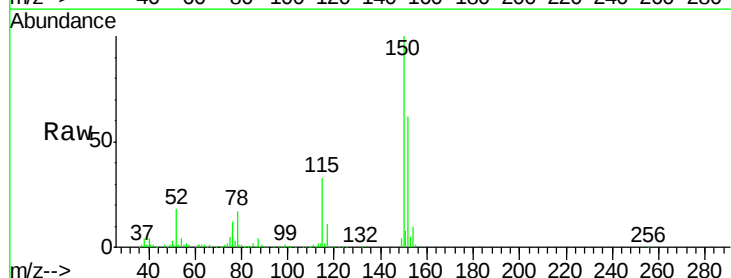
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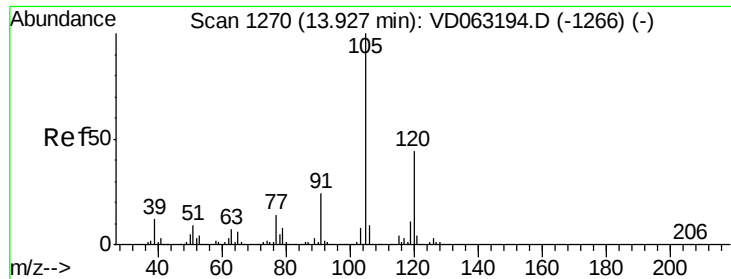
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063438.D
Acq: 8 Aug 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	370449		
115	52.9		27.5	82.4
150	160.2		0.0	320.6





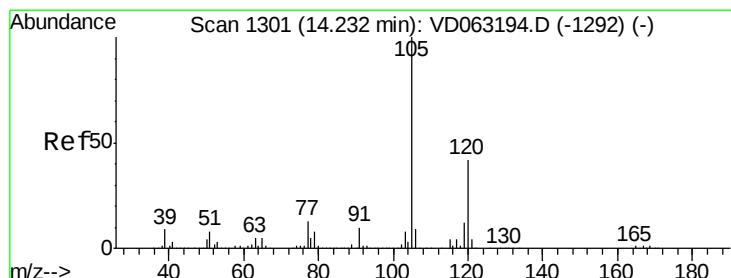
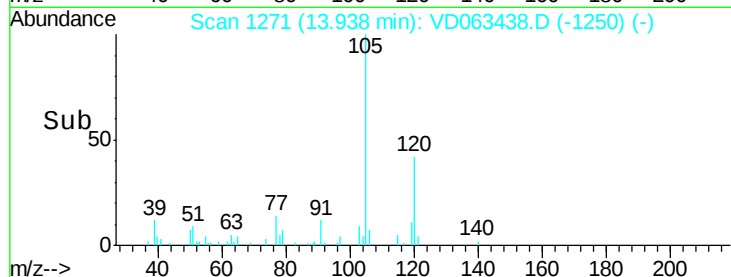
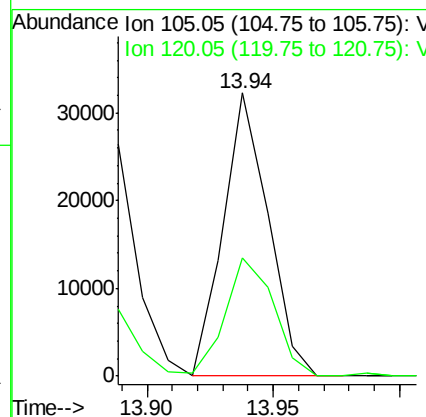
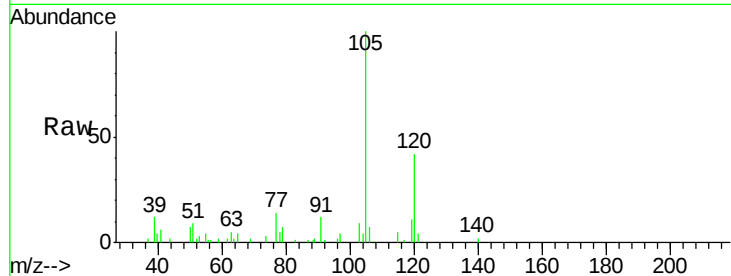
#80
 1,3,5-Trimethylbenzene
 Concen: 1.991 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD063438.D
 Acq: 8 Aug 2019 15:09

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-080719-B

Tot Ion	Ratio	Resp	Lower	Upper
105	100	39918		
120	41.6	22.1	66.1	

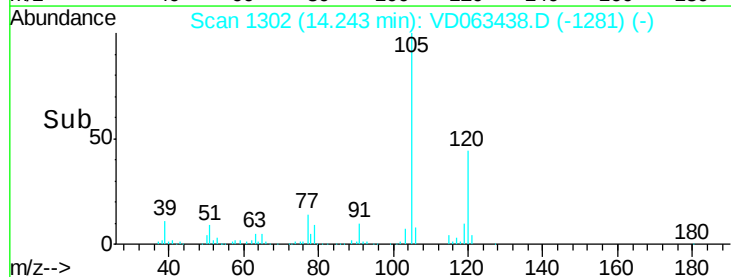
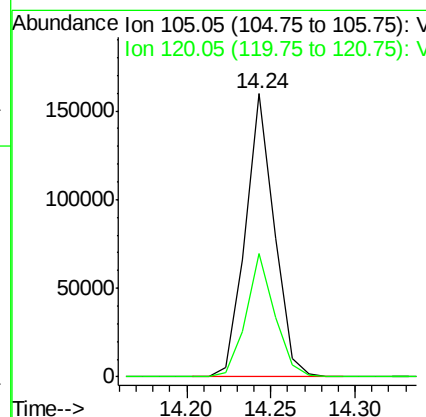
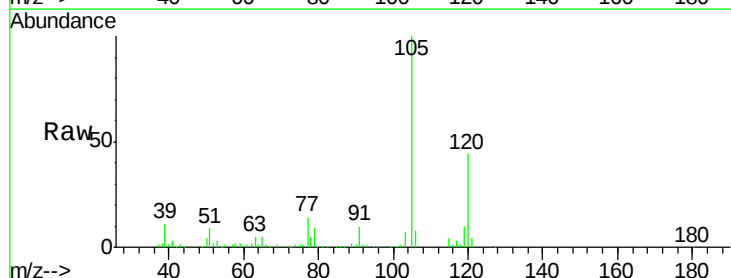
Manual Integrations
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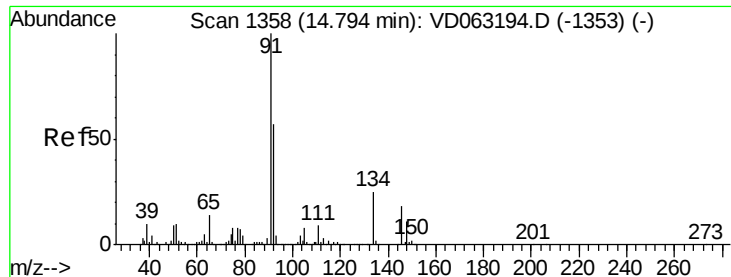
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#84
 1,2,4-Trimethylbenzene
 Concen: 9.152 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD063438.D
 Acq: 8 Aug 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189830		
120	43.8	20.9	62.7	





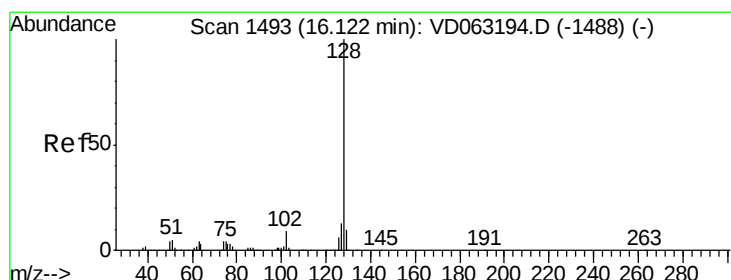
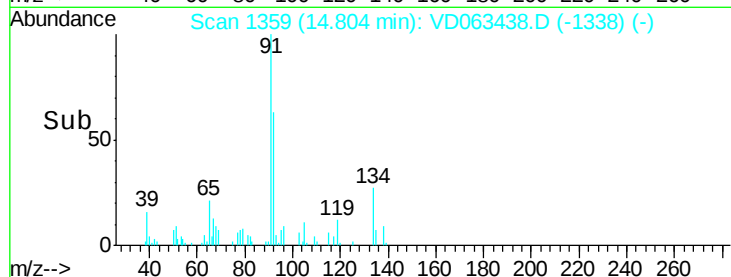
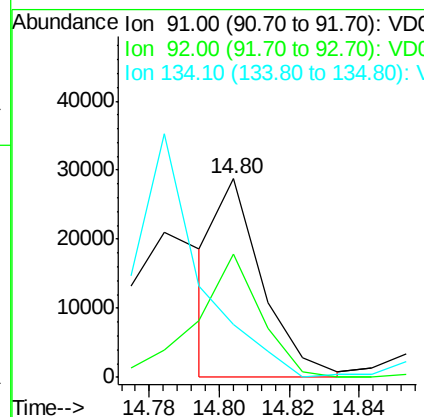
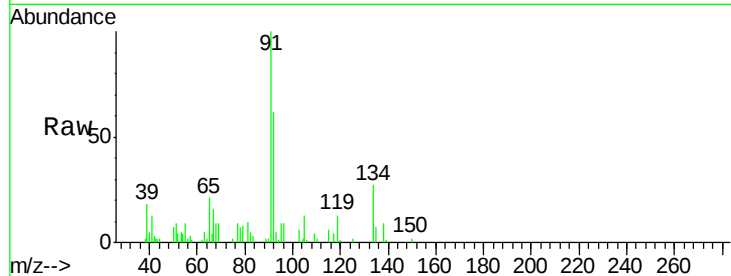
#89
n-Butylbenzene
Concen: 1.281 ug/l m
RT: 14.80 min Scan# 1359
Delta R.T. 0.01 min
Lab File: VD063438.D
Acq: 8 Aug 2019 15:09

Instrument :
MSVOA_D
ClientSampleId :
EO-01-080719-B

Tot Ion	Ratio	Resp	Lower	Upper
91	100	25480		
92	61.9		28.3	85.0
134	26.9		12.3	36.8

Manual Integrations
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#95
Naphthalene
Concen: 2.394 ug/l
RT: 16.13 min Scan# 1494
Delta R.T. 0.01 min
Lab File: VD063438.D
Acq: 8 Aug 2019 15:09

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	27432		
127	17.0		10.2	15.4#
129	12.2		7.8	11.8#

