

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102120\
 Data File : VD067345.D
 Acq On : 21 Oct 2020 14:04
 Operator : VA/SY
 Sample : L4221-10
 Misc : 7.98G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-102020

Manual Integrations
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 10/22/2020 5:19:19 PM

Quant Time: Oct 22 00:47:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	344356	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	570815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	541583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	254966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	182316	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
35) Dibromofluoromethane	7.92	113	184321	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	10.35	98	657869	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	
62) 4-Bromofluorobenzene	12.64	95	232018	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
Target Compounds						
16) Acetone	4.16	43	13815	28.593	ug/l #	87
52) Toluene	10.40	92	33352439m	3689.432	ug/l	
67) Ethyl Benzene	11.75	91	642309	36.079	ug/l	98
68) m/p-Xylenes	11.86	106	1649082	240.548	ug/l	99
69) o-Xylene	12.18	106	459289	72.349	ug/l	98
95) Naphthalene	15.41	128	27834	3.707	ug/l #	92

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

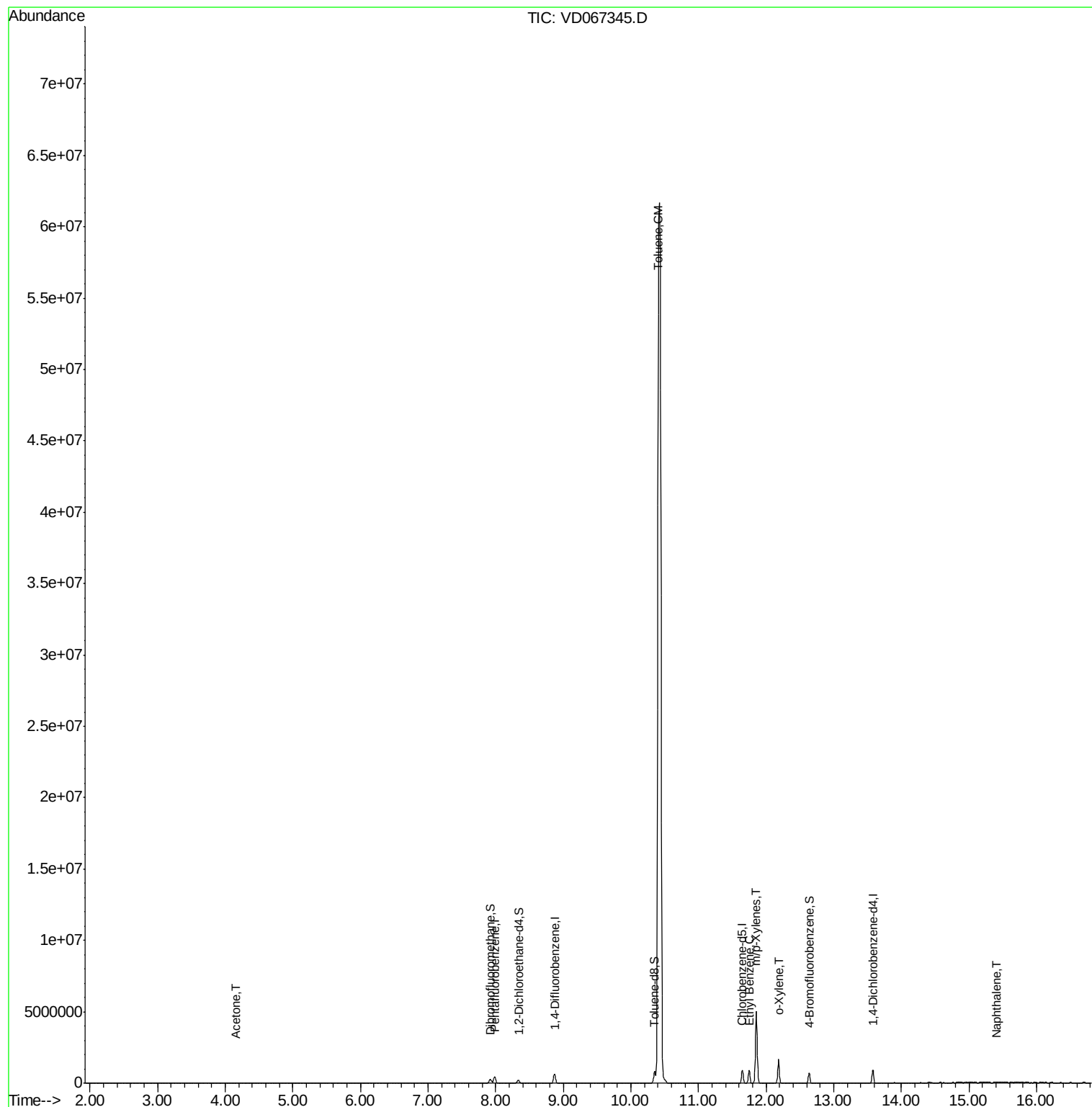
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102120\
Data File : VD067345.D
Acq On : 21 Oct 2020 14:04
Operator : VA/SY
Sample : L4221-10
Misc : 7.98G/5.00ml/MSVOA D/SOIL
ALS Vial : 10 Sample Multiplier: 1

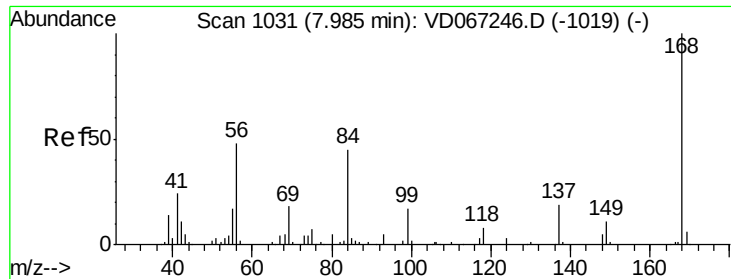
Instrument :
MSVOA_D
ClientSampleId :
OK-03-102020

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Quant Time: Oct 22 00:47:38 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067345.D

Acq: 21 Oct 2020 14:04

Instrument :

MSVOA_D

ClientSampleId :

OK-03-102020

Tot Ion:168 Resp: 344356

Ion Ratio Lower Upper

168 100

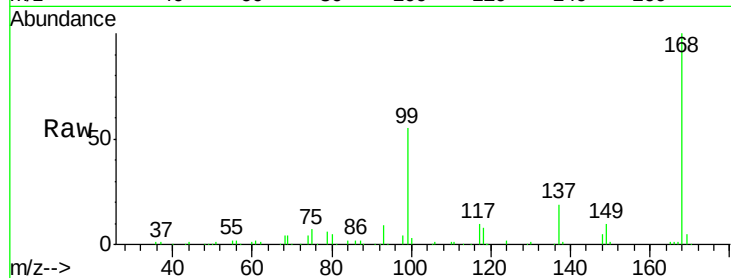
99 55.0 45.9 68.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

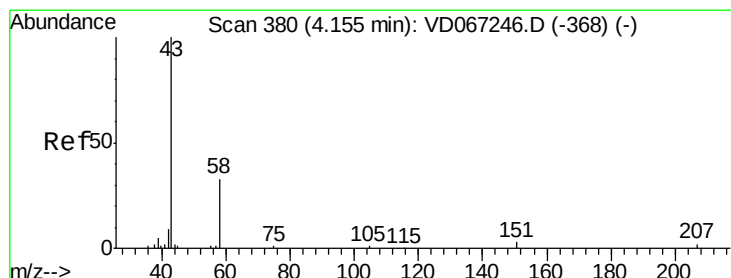
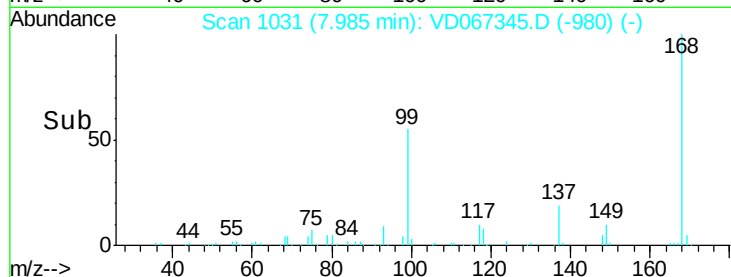
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 28.593 ug/l

RT: 4.16 min Scan# 380

Delta R.T. 0.00 min

Lab File: VD067345.D

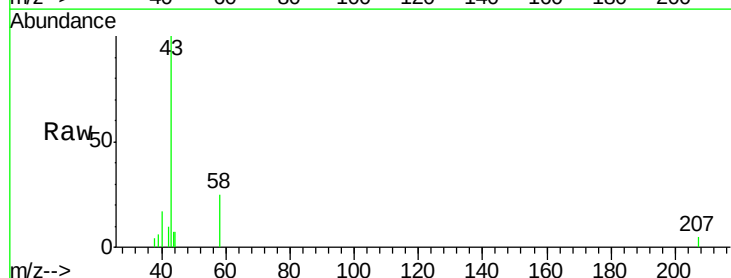
Acq: 21 Oct 2020 14:04

Tgt Ion: 43 Resp: 13815

Ion Ratio Lower Upper

43 100

58 25.2 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.16

5000

4000

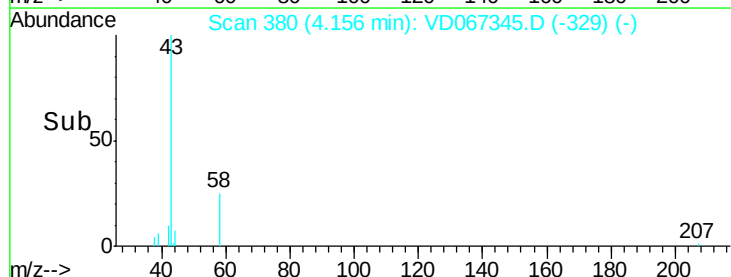
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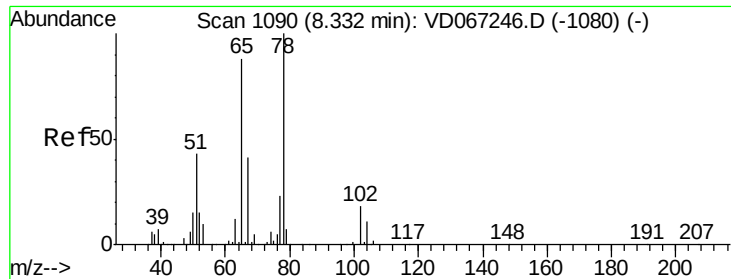
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1000

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Time-->





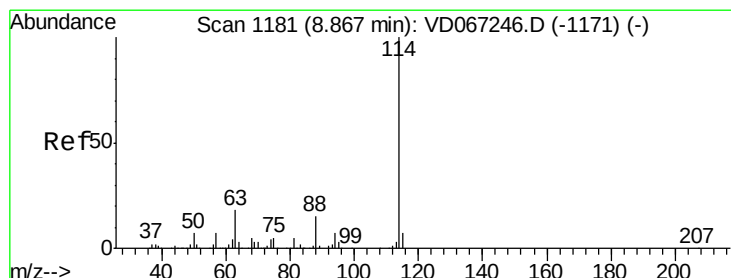
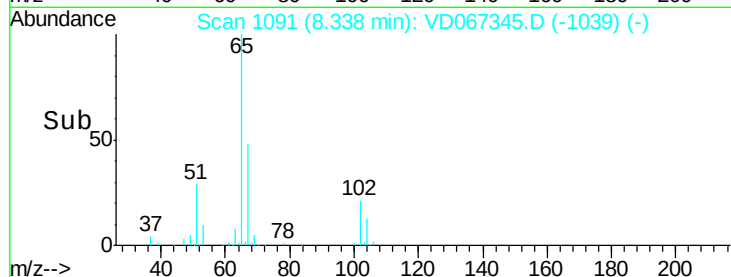
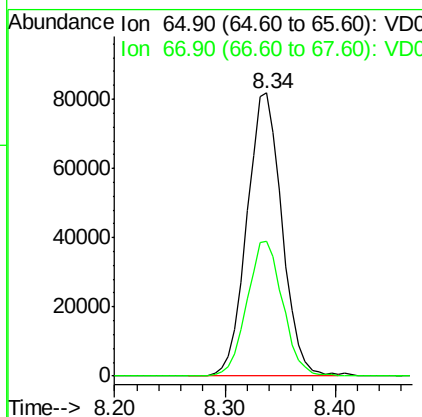
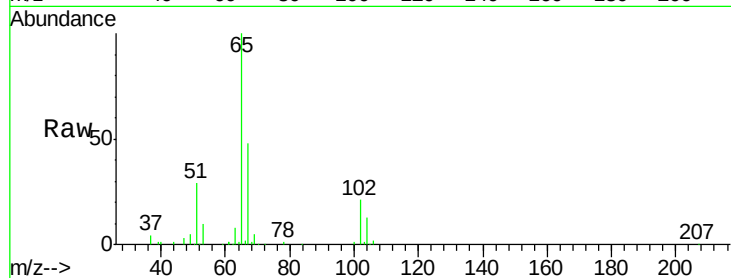
#33
 1,2-Dichloroethane-d4
 Concen: 52.846 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. 0.01 min
 Lab File: VD067345.D
 Acq: 21 Oct 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-102020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	182316		
67	48.8	0.0	103.8	

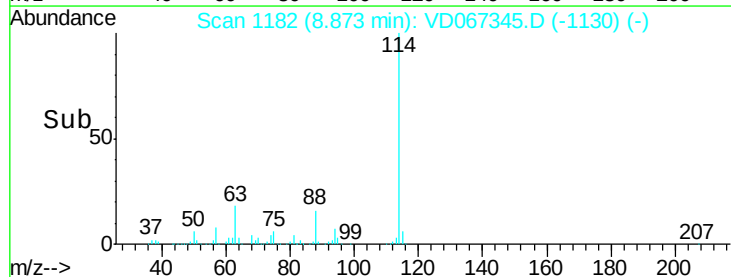
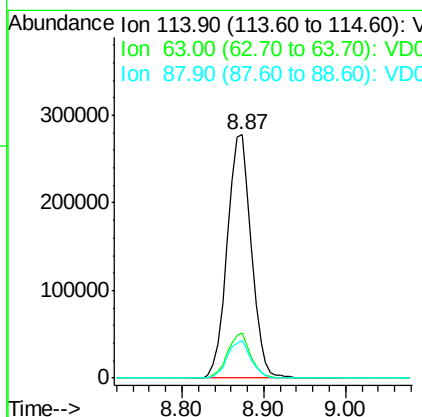
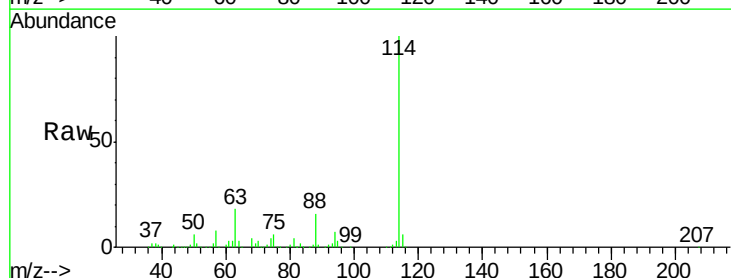
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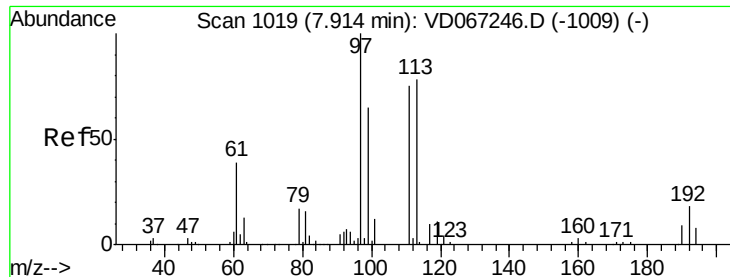
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VD067345.D
 Acq: 21 Oct 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	570815		
63	18.5	0.0	35.0	
88	15.6	0.0	30.6	





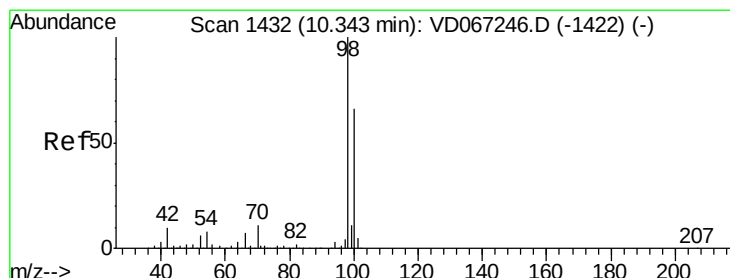
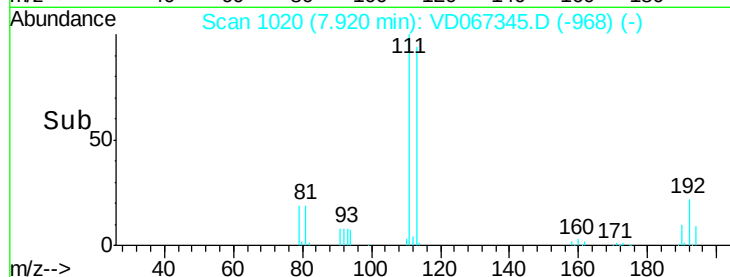
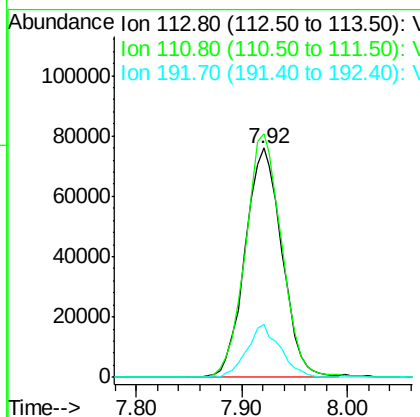
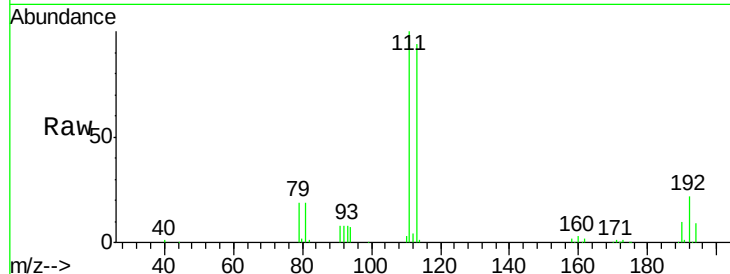
#35
 Dibromofluoromethane
 Concen: 48.521 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067345.D
 Acq: 21 Oct 2020 14:04

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-03-102020

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.6	122.4
192	20.9	17.0	25.4

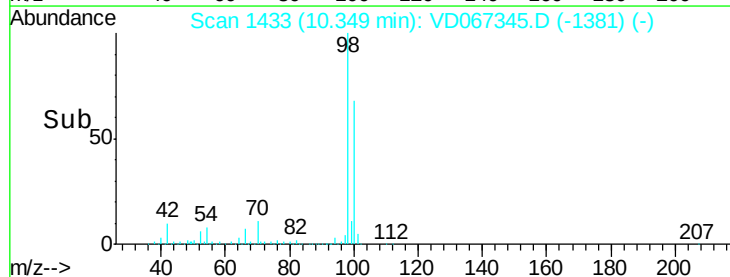
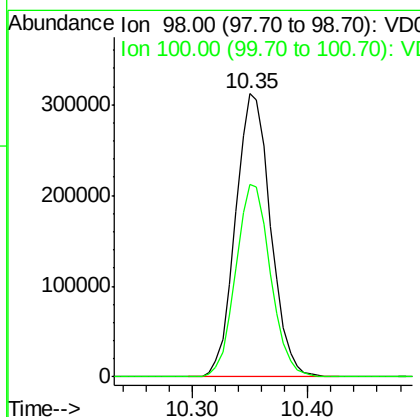
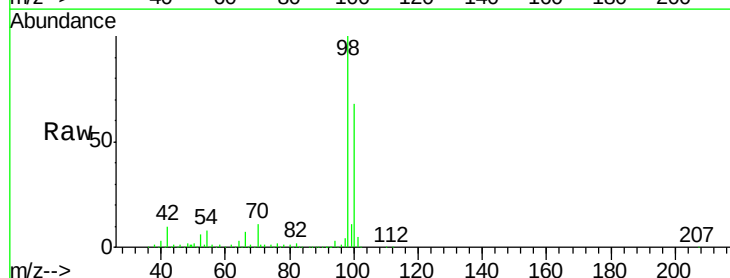
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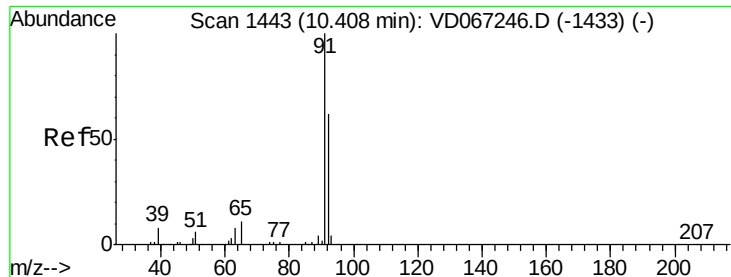
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#50
 Toluene-d8
 Concen: 47.854 ug/l
 RT: 10.35 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: VD067345.D
 Acq: 21 Oct 2020 14:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.1	79.7





#52

Toluene

Concen: 3689.432 ug/l m

RT: 10.40 min Scan# 1442

Delta R.T. -0.01 min

Lab File: VD067345.D

Acq: 21 Oct 2020 14:04

Instrument :

MSVOA_D

ClientSampleId :

OK-03-102020

Tot Ion: 92 Resp: 33352439

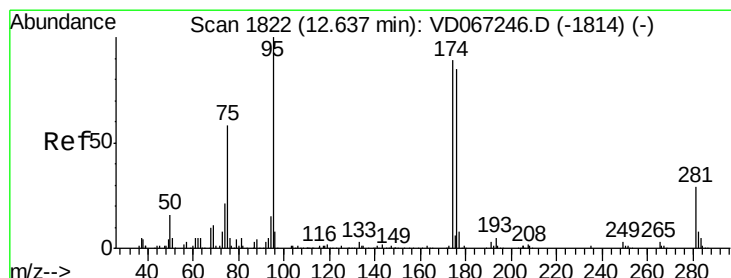
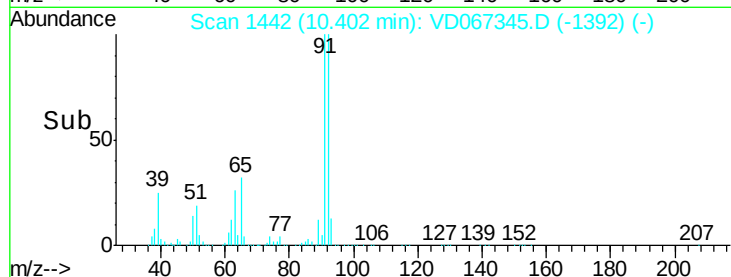
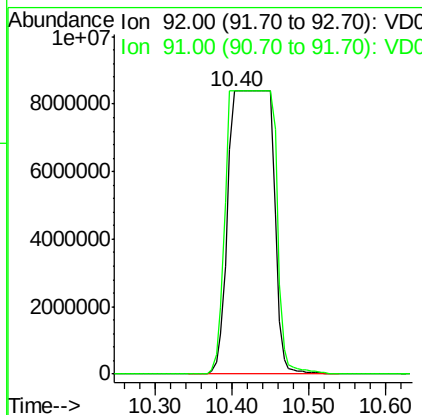
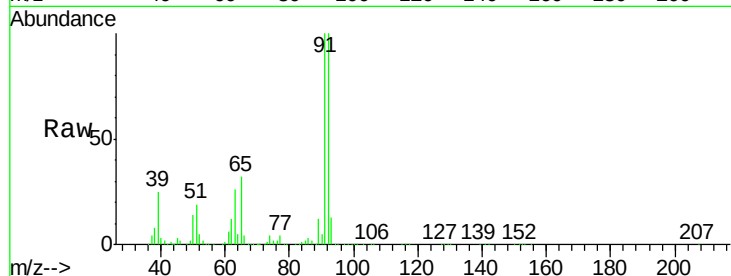
Ion Ratio Lower Upper

92 100

91 0.0 133.8 200.8#

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#62

4-Bromofluorobenzene

Concen: 48.536 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067345.D

Acq: 21 Oct 2020 14:04

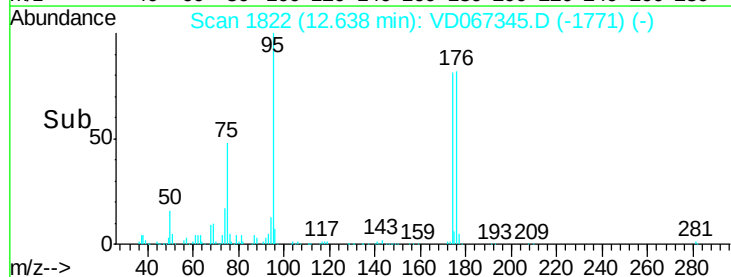
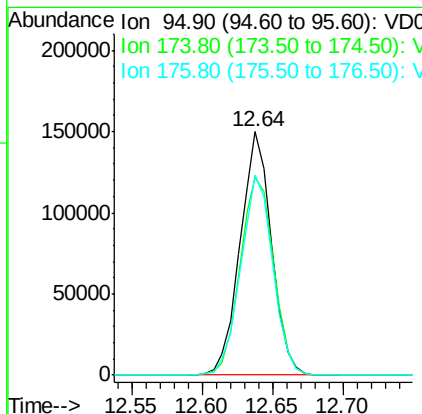
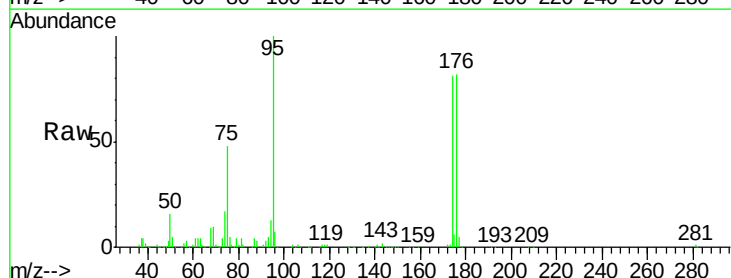
Tgt Ion: 95 Resp: 232018

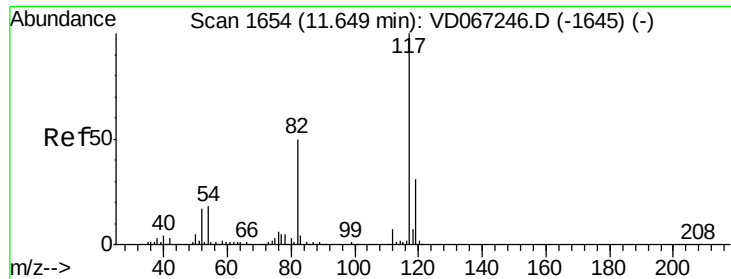
Ion Ratio Lower Upper

95 100

174 87.5 0.0 175.2

176 84.2 0.0 168.6





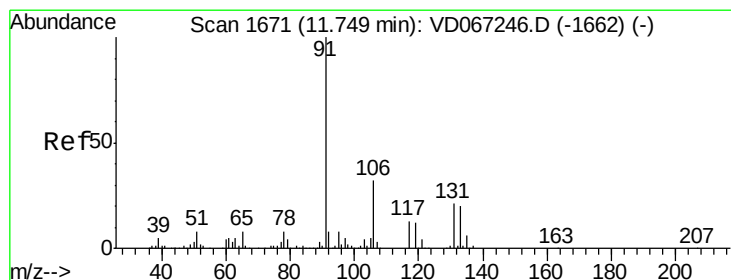
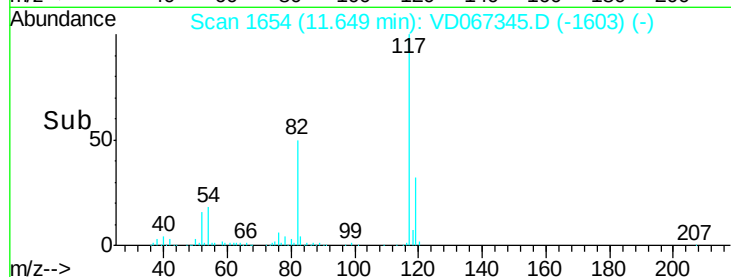
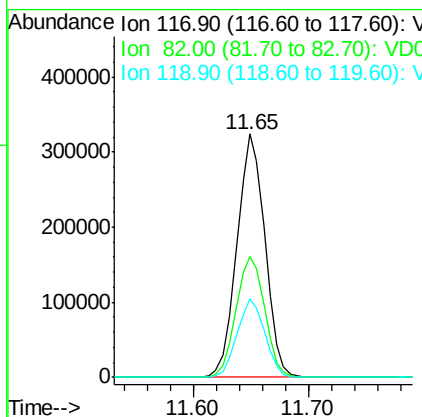
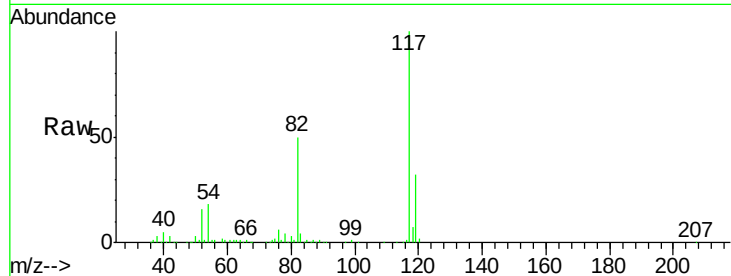
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067345.D
Acq: 21 Oct 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
OK-03-102020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	541583		
82	49.8		39.9	59.9
119	32.2		24.9	37.3

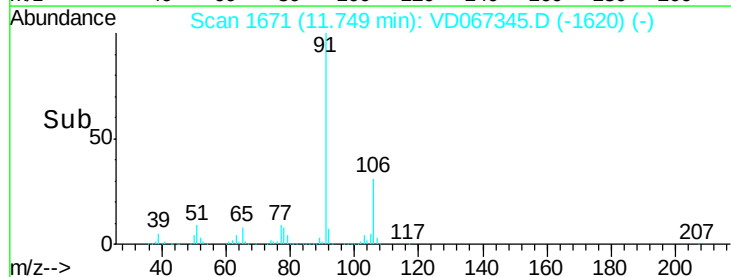
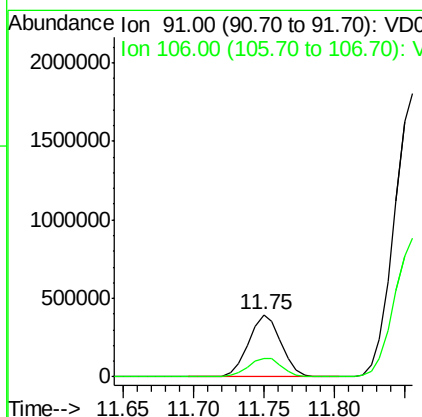
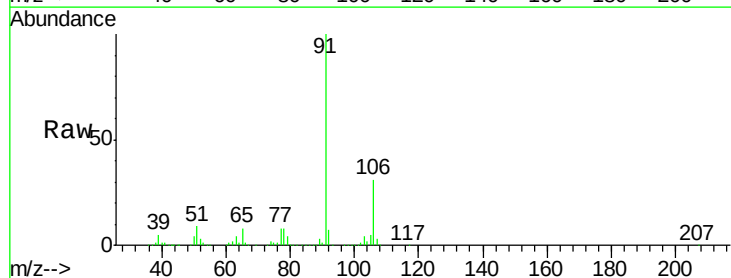
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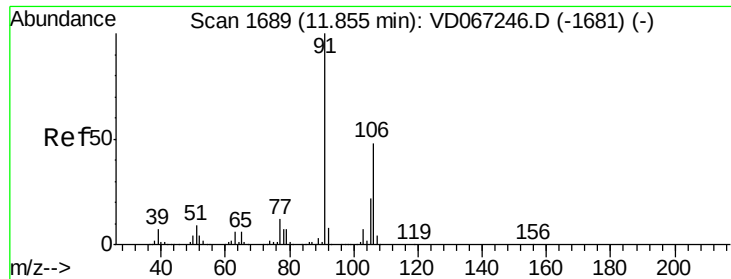
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#67
Ethyl Benzene
Concen: 36.079 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067345.D
Acq: 21 Oct 2020 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	642309		
106	30.6		25.4	38.0





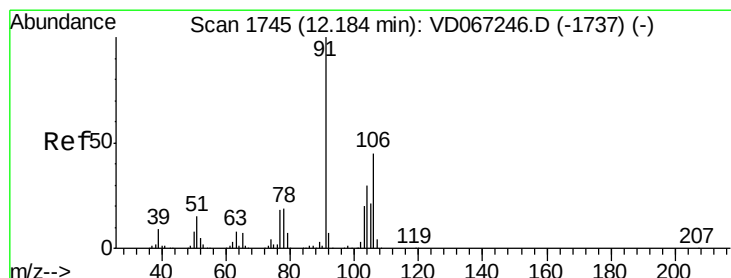
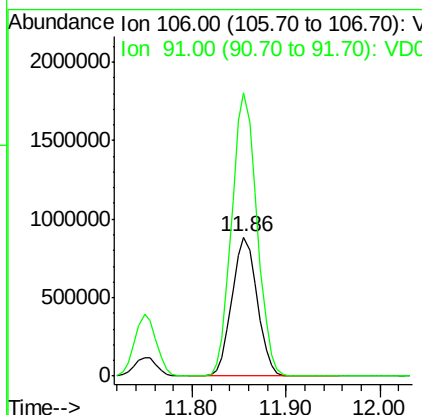
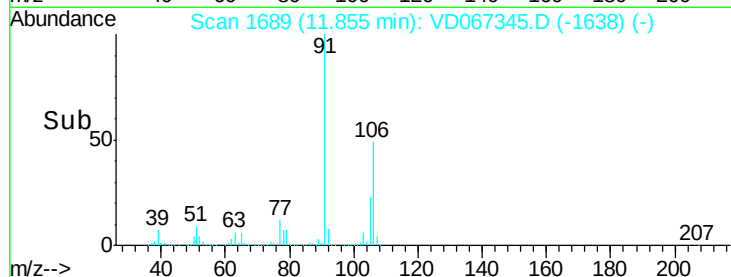
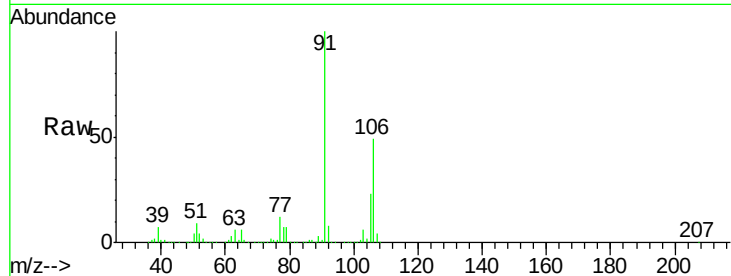
#68
m/p-Xylenes
Concen: 240.548 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067345.D
Acq: 21 Oct 2020 14:04

Instrument :
MSVOA_D
ClientSampleId :
OK-03-102020

Tot Ion:106 Resp: 1649082
Ion Ratio Lower Upper
106 100
91 203.1 163.8 245.8

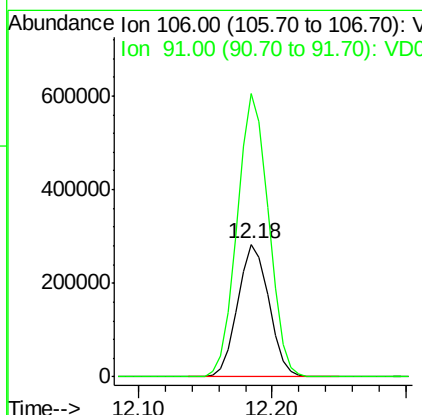
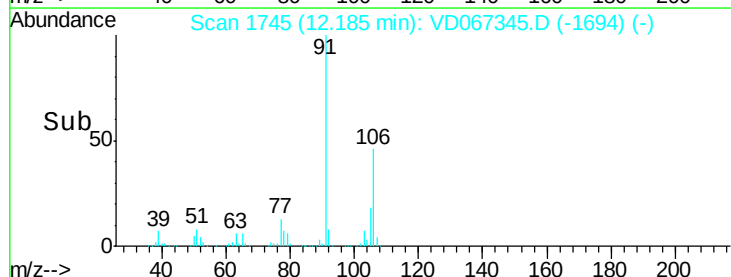
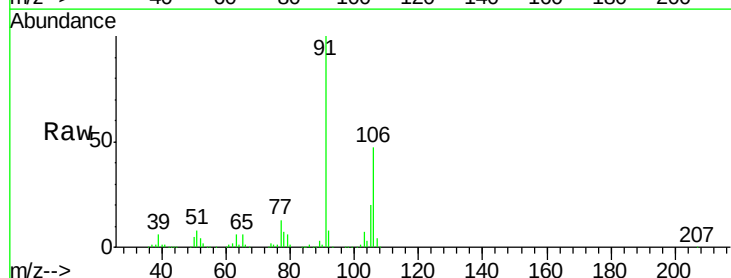
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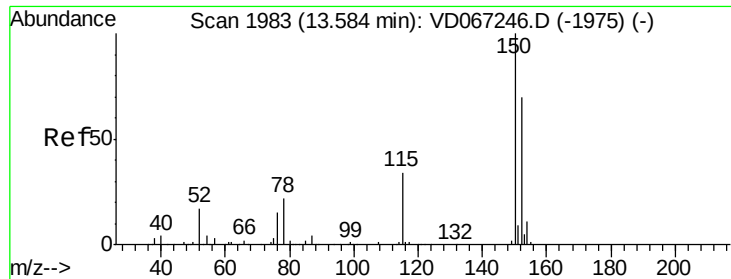
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#69
o-Xylene
Concen: 72.349 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067345.D
Acq: 21 Oct 2020 14:04

Tgt Ion:106 Resp: 459289
Ion Ratio Lower Upper
106 100
91 214.7 109.1 327.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067345.D

Acq: 21 Oct 2020 14:04

Instrument :

MSVOA_D

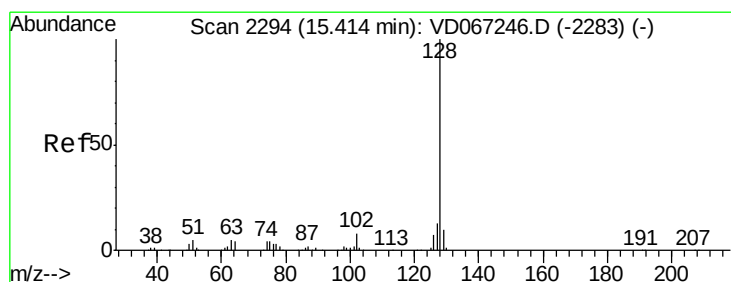
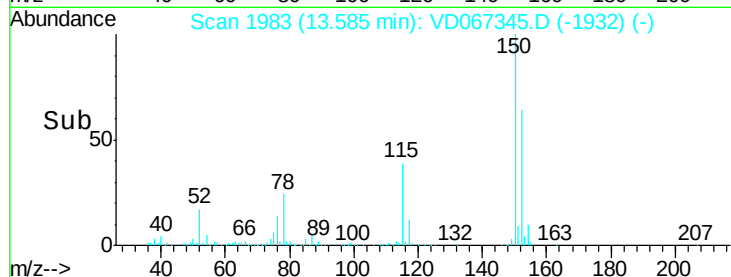
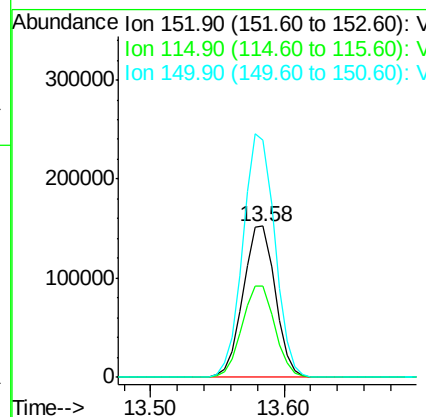
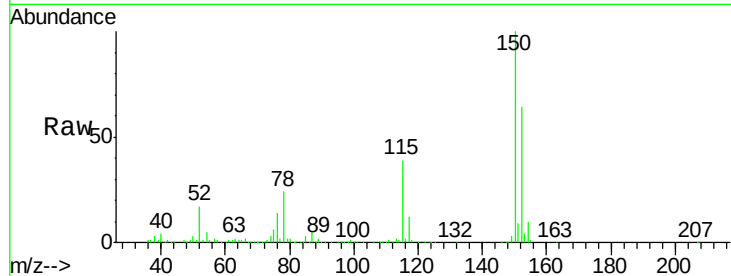
ClientSampleId :

OK-03-102020

Tot Ion:	152	Resp:	254966
Ion Ratio	Lower	Upper	
152	100		
115	61.4	29.3	87.9
150	159.1	0.0	339.0

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#95

Naphthalene

Concen: 3.707 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067345.D

Acq: 21 Oct 2020 14:04

Tgt Ion:	128	Resp:	27834
Ion Ratio	Lower	Upper	
128	100		
127	17.2	10.4	15.6#
129	13.0	8.6	12.8#

