

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111519\
 Data File : VD064231.D
 Acq On : 15 Nov 2019 17:02
 Operator : VA/SY
 Sample : K5864-07
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-7.5-8.0

Manual Integrations
 APPROVED

MMDADODA
 11/19/2019 12:23:32 PM

Quant Time: Nov 16 06:03:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	929535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1379197	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1122132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	795134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	401294	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
35) Dibromofluoromethane	7.92	113	418463	52.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.72%	
50) Toluene-d8	10.34	98	1679758	56.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.48%	
62) 4-Bromofluorobenzene	12.64	95	862301	83.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	166.74%	
Target Compounds						
16) Acetone	4.17	43	66755	36.859	ug/l	96
18) Methyl Acetate	4.73	43	6237	1.233	ug/l #	90
25) 2-Butanone	7.23	43	14583	6.233	ug/l	95
39) Methylcyclohexane	9.35	83	111568	6.927	ug/l	90
73) Isopropylbenzene	12.48	105	633484	10.854	ug/l	98
78) n-propylbenzene	12.83	91	1264633	18.966	ug/l	98
83) tert-Butylbenzene	13.23	119	230078	5.441	ug/l #	70
85) sec-Butylbenzene	13.41	105	2911740	51.267	ug/l	88
89) n-Butylbenzene	13.86	91	2221354m	45.537	ug/l	

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

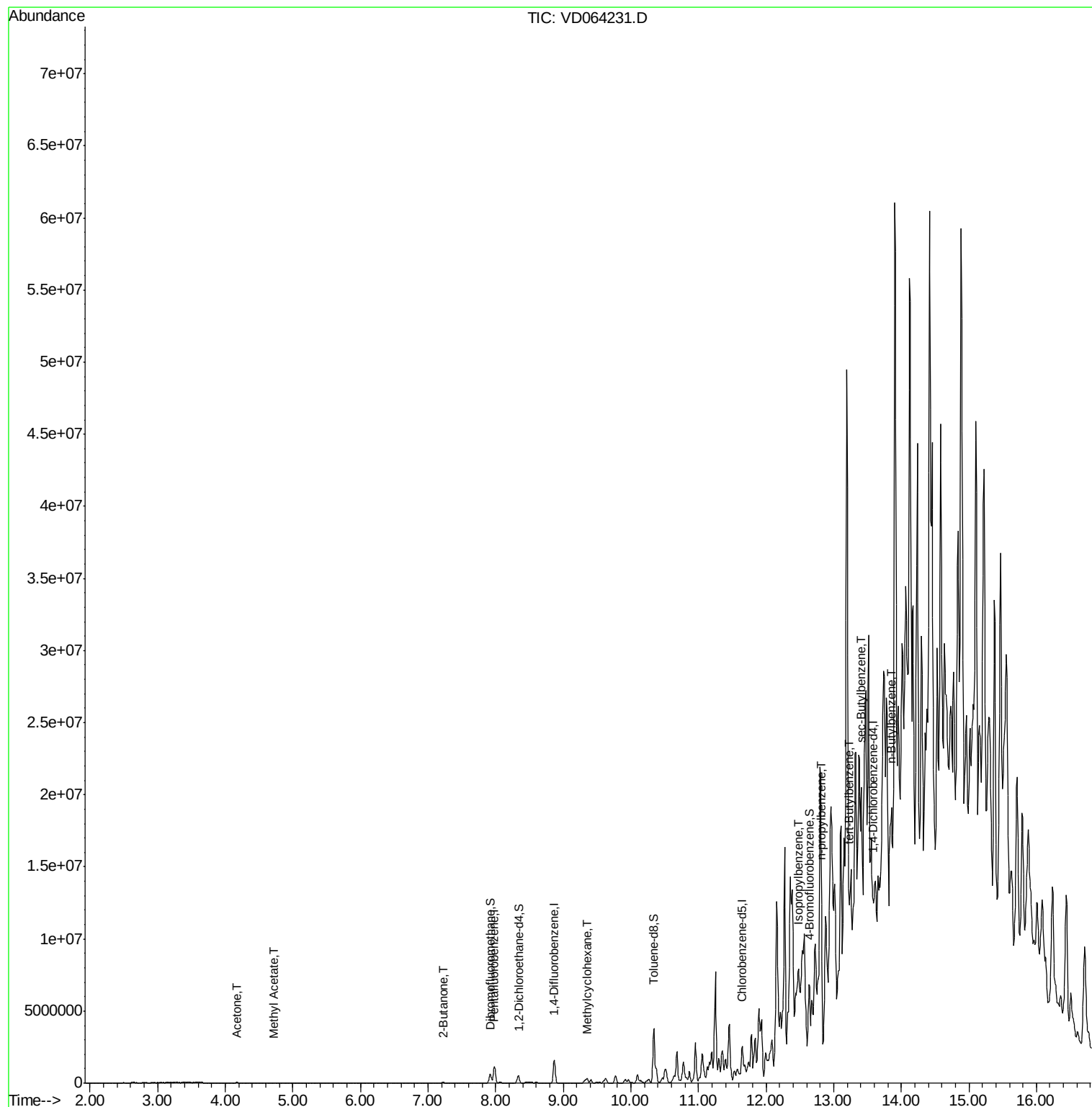
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD111519\
Data File : VD064231.D
Acq On : 15 Nov 2019 17:02
Operator : VA/SY
Sample : K5864-07
Misc : 5.05G/5.00ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

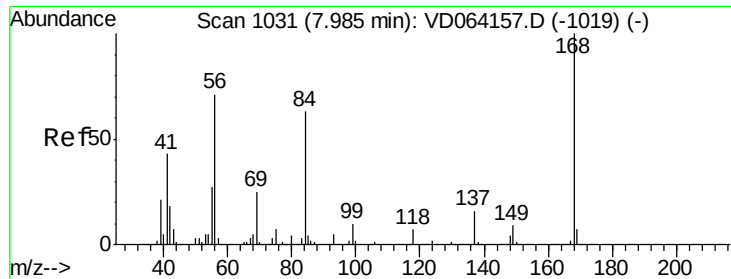
Instrument :
MSVOA_D
ClientSampleId :
SB-04-7.5-8.0

Manual Integrations
APPROVED

MMDADODA
11/19/2019 12:23:32 PM

Quant Time: Nov 16 06:03:22 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 12 02:43:24 2019
Response via : Initial Calibration





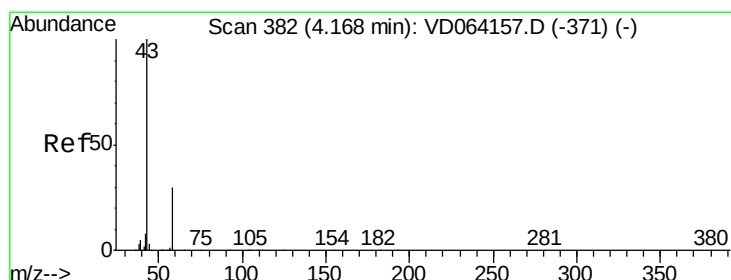
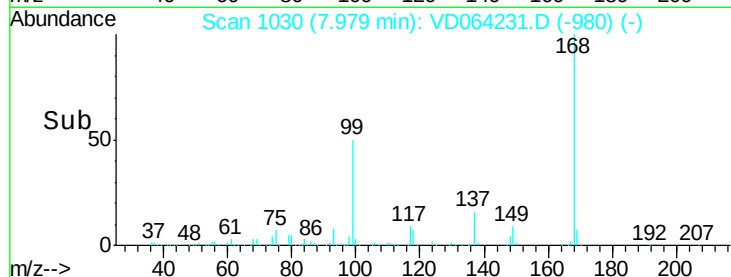
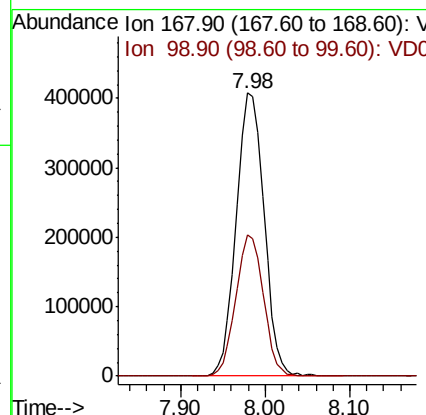
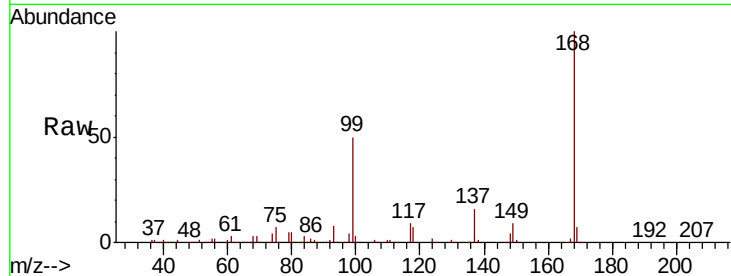
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Instrument :
MSVOA_D
ClientSampleId :
SB-04-7.5-8.0

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.0	41.6	62.4

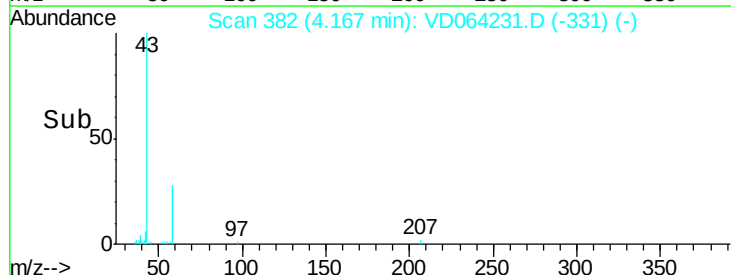
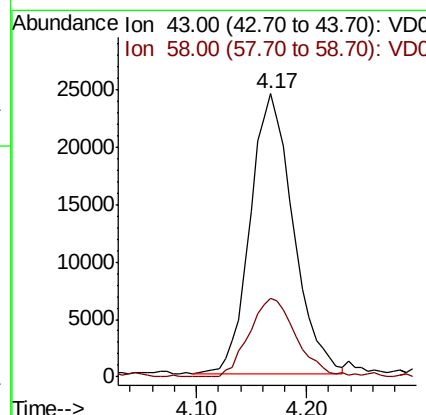
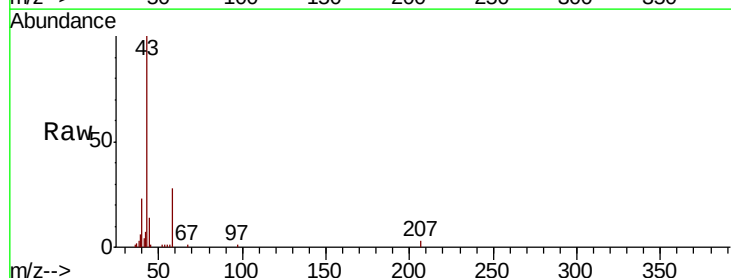
Manual Integrations
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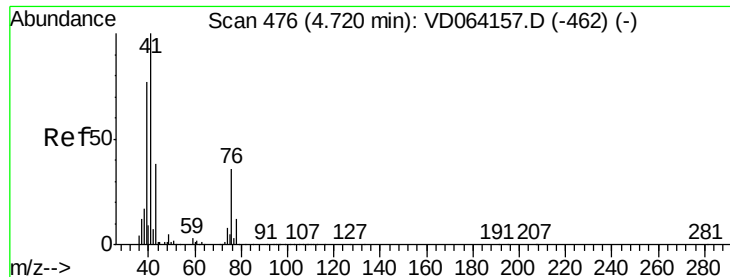
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#16
Acetone
Concen: 36.859 ug/l
RT: 4.17 min Scan# 382
Delta R.T. -0.00 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	28.1	24.1	36.1





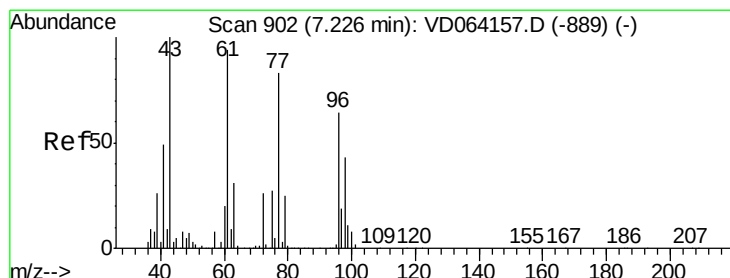
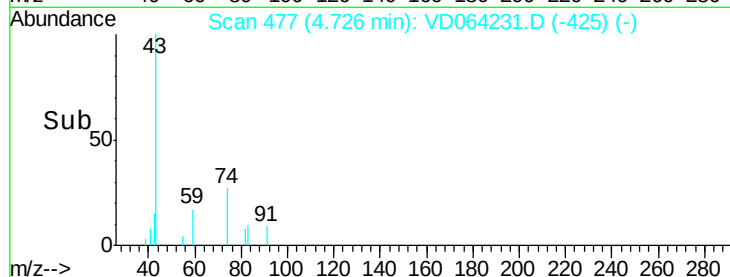
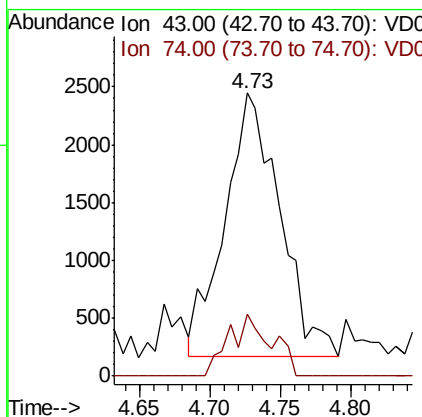
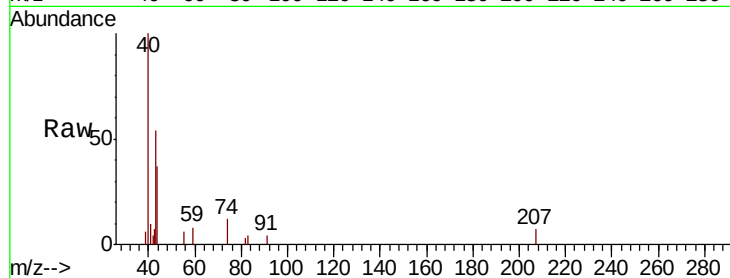
#18
Methvl Acetate
Concen: 1.233 ug/l
RT: 4.73 min Scan# 477
Delta R.T. 0.01 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Instrument :
MSVOA_D
ClientSampleId :
SB-04-7.5-8.0

Tot Ion: 43 Resp: 6237
Ion Ratio Lower Upper
43 100
74 18.0 18.4 27.6#

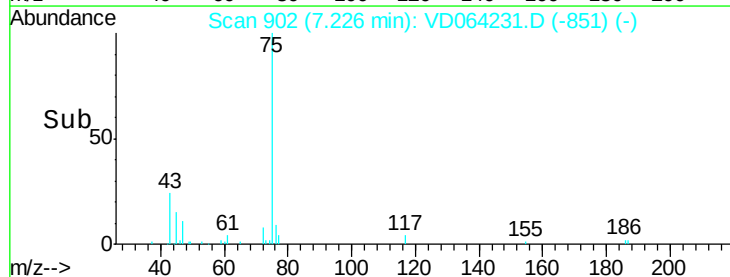
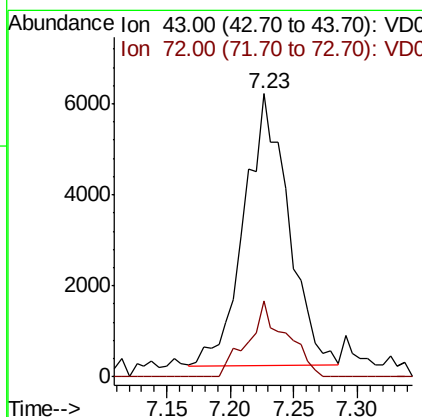
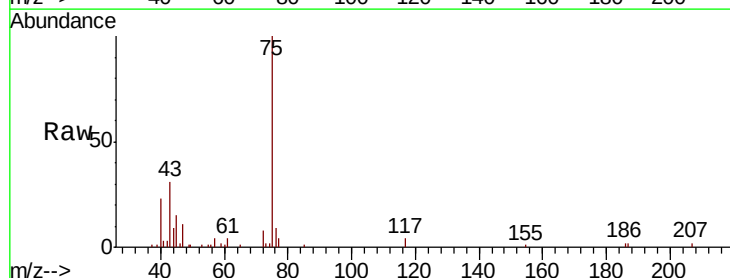
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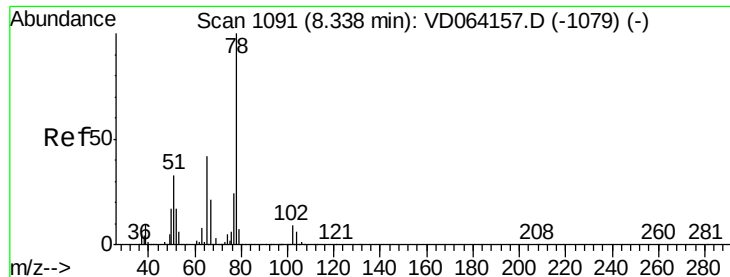
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#25
2-Butanone
Concen: 6.233 ug/l
RT: 7.23 min Scan# 902
Delta R.T. -0.00 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Tgt Ion: 43 Resp: 14583
Ion Ratio Lower Upper
43 100
72 28.1 20.6 30.8





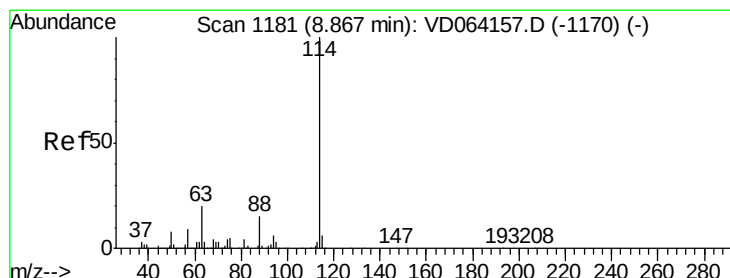
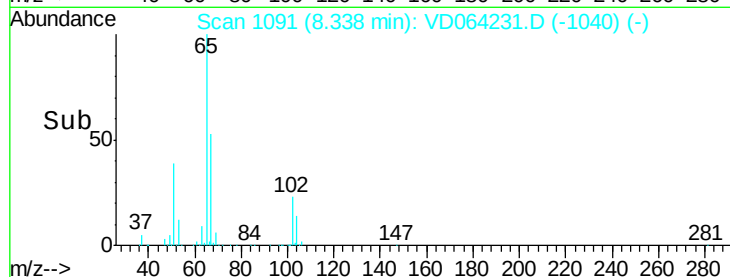
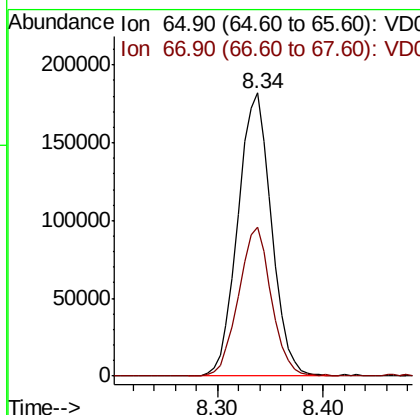
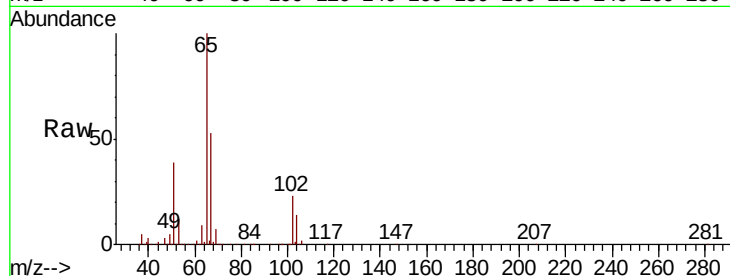
#33
 1,2-Dichloroethane-d4
 Concen: 52.492 ug/l
 RT: 8.34 min Scan# 1091
 Delta R.T. -0.00 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-7.5-8.0

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.4

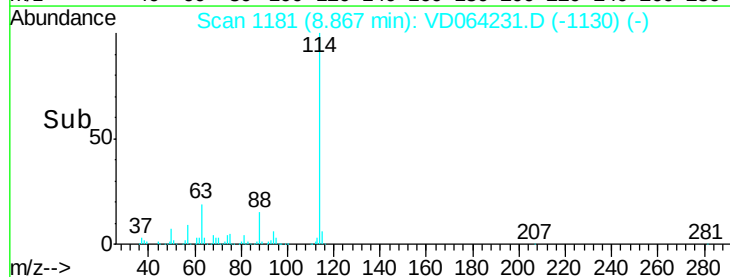
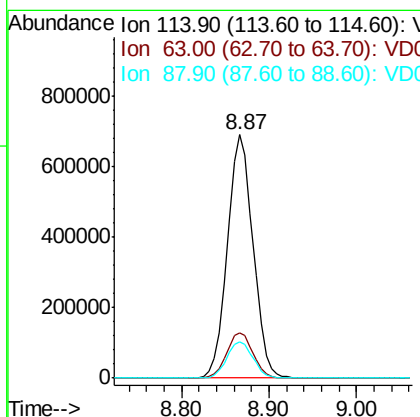
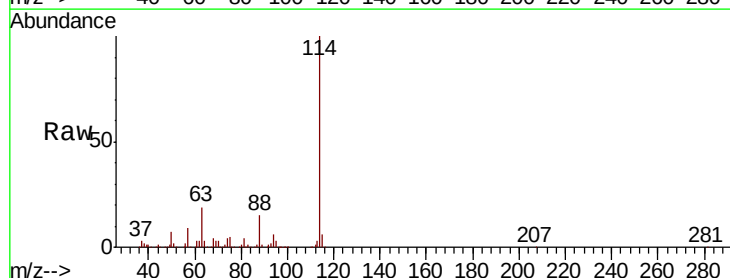
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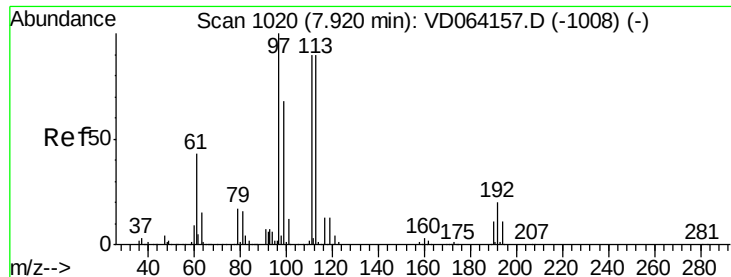
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	40.0
88	14.6	0.0	30.2





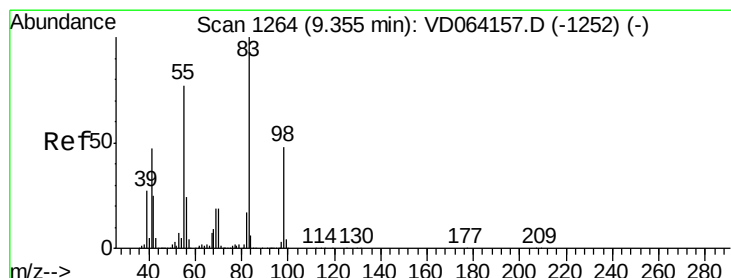
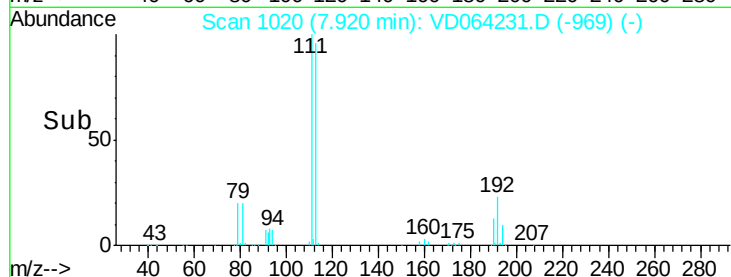
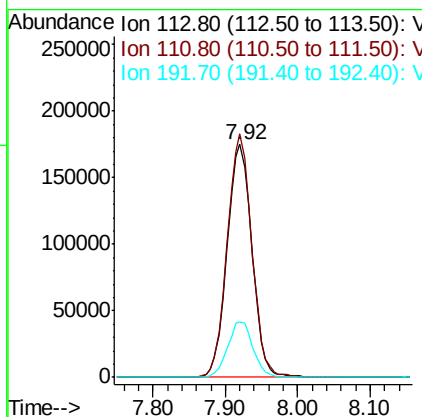
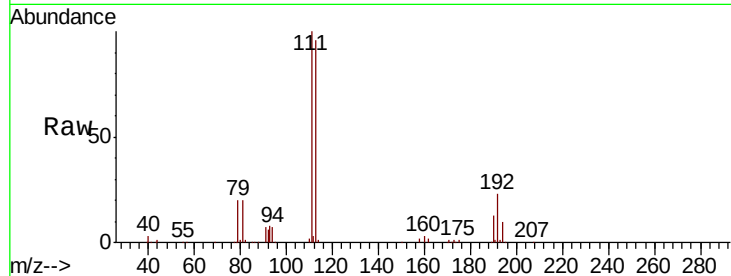
#35
 Dibromofluoromethane
 Concen: 52.857 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-7.5-8.0

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.1	81.5	122.3	
192	24.1	18.8	28.2	

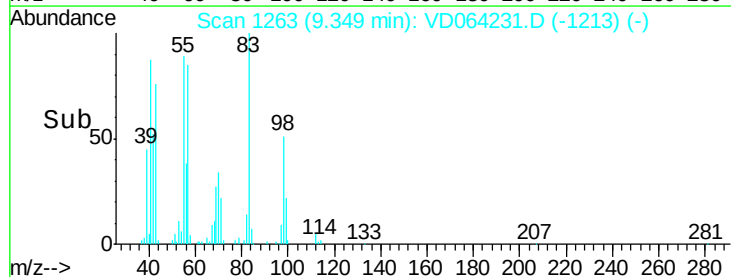
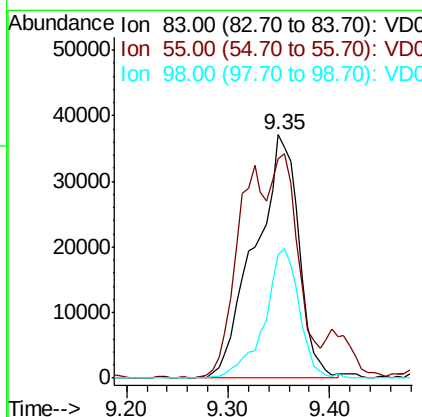
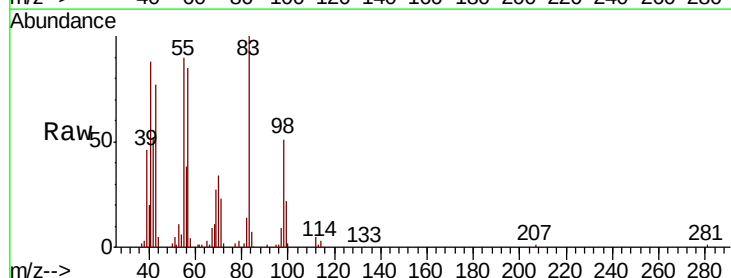
Manual Integrations
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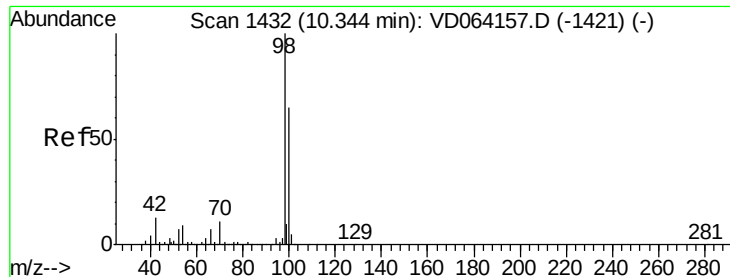
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#39
 Methylcyclohexane
 Concen: 6.927 ug/l
 RT: 9.35 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100			
55	89.5	61.7	92.5	
98	50.5	38.6	58.0	





#50

Toluene-d8

Concen: 56.244 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

SB-04-7.5-8.0

Tot Ion: 98 Resp: 1679758

Ion Ratio Lower Upper

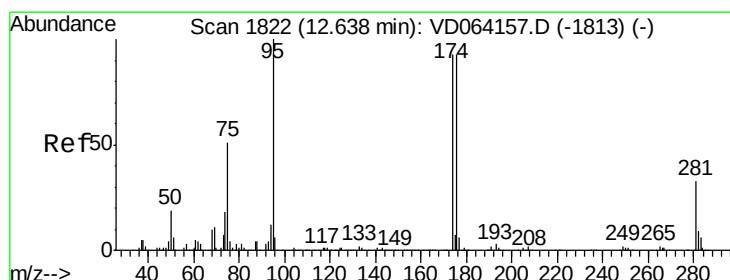
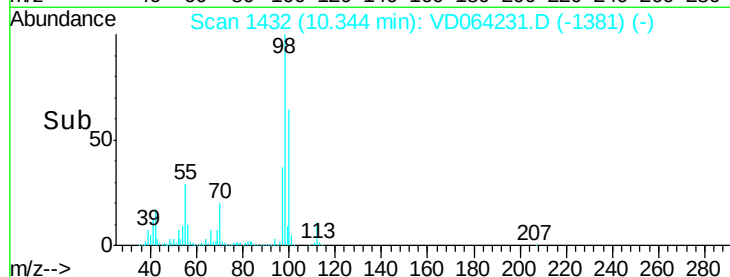
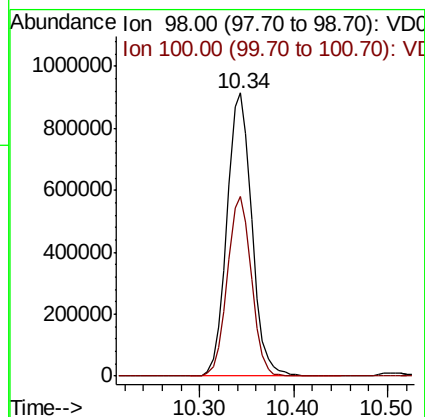
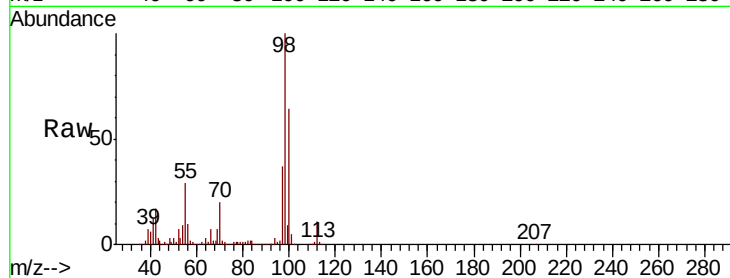
98 100

100 61.4 52.6 78.8

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 83.373 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

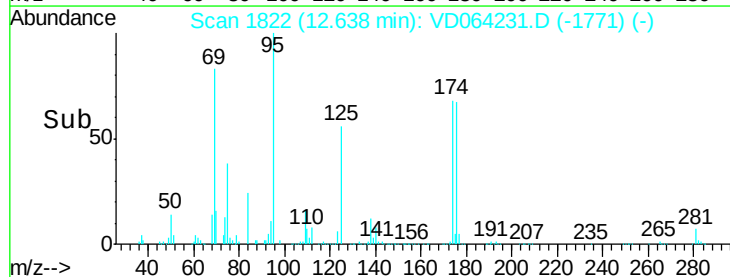
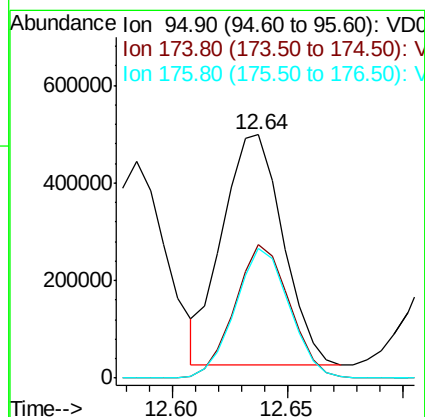
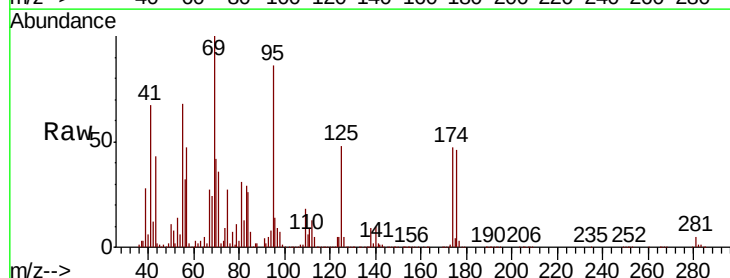
Tgt Ion: 95 Resp: 862301

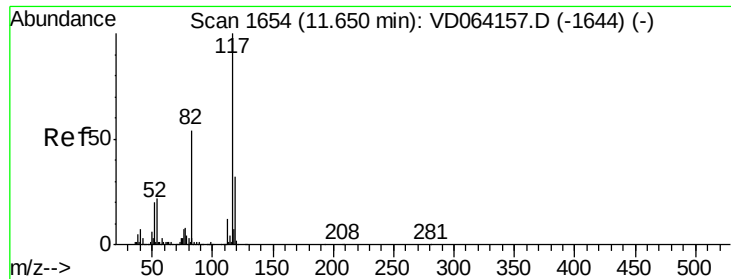
Ion Ratio Lower Upper

95 100

174 52.5 0.0 183.6

176 50.8 0.0 180.2





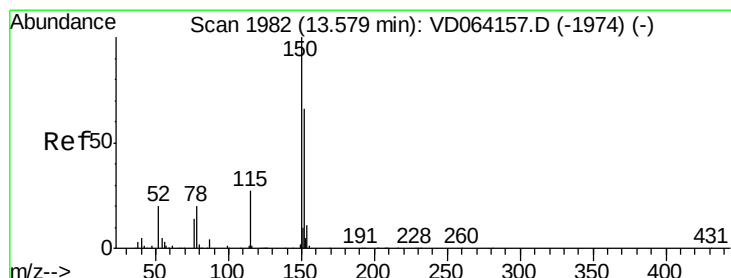
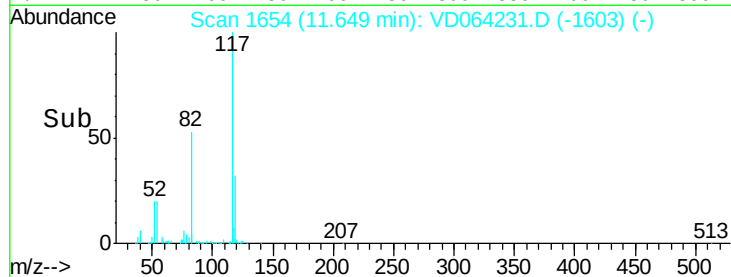
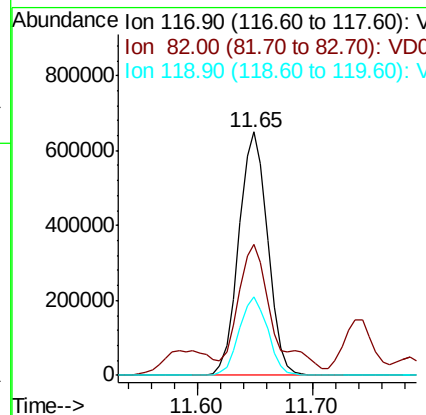
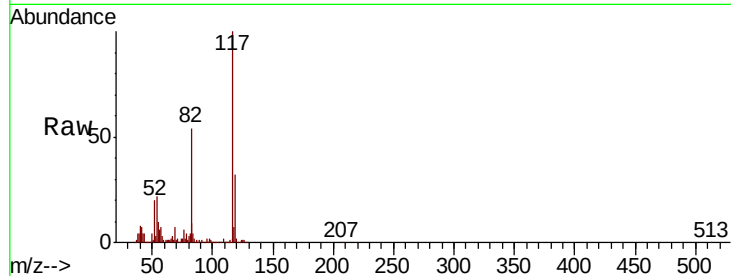
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Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Instrument :
MSVOA_D
ClientSampleId :
SB-04-7.5-8.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	44.0	42.8	64.2
119	32.4	25.6	38.4

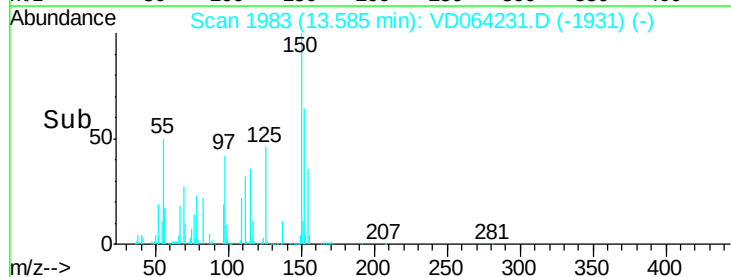
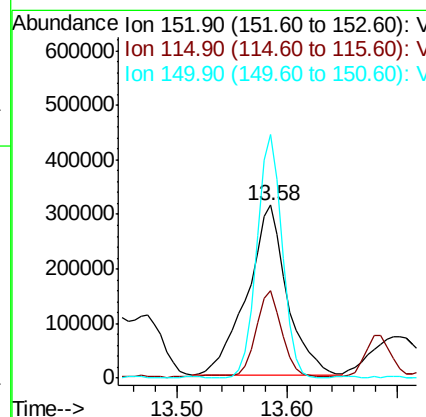
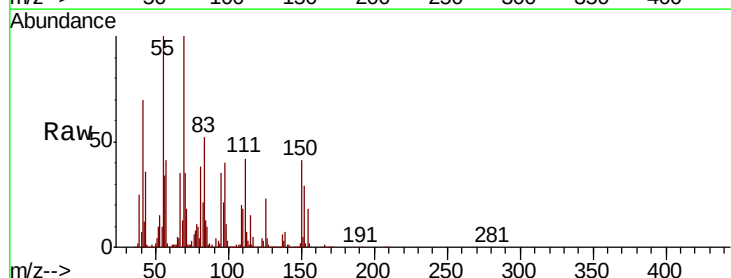
Manual Integrations
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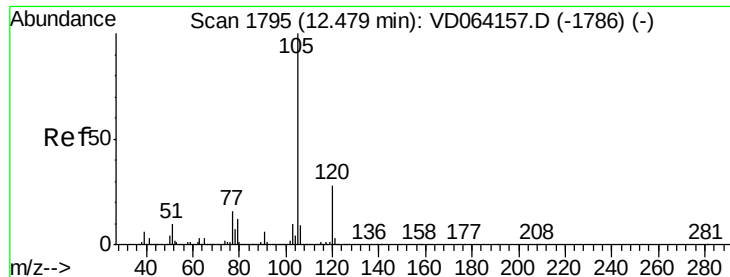
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11/19/2019 12:23:32 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064231.D
Acq: 15 Nov 2019 17:02

Tgt Ion	Ratio	Lower	Upper
152	100		
115	33.7	27.4	82.2
150	89.8	0.0	351.6





#73

Isopropylbenzene

Concen: 10.854 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

ClientSampleId :

SB-04-7.5-8.0

Tot Ion: 105 Resp: 633484

Ion Ratio Lower Upper

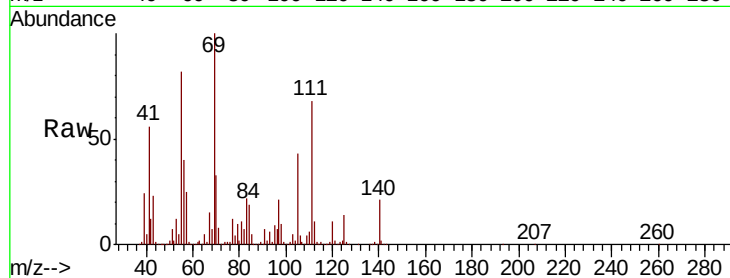
105 100

120 26.3 13.6 40.8

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.48

400000

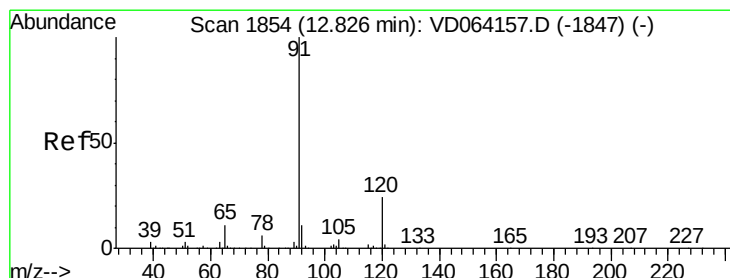
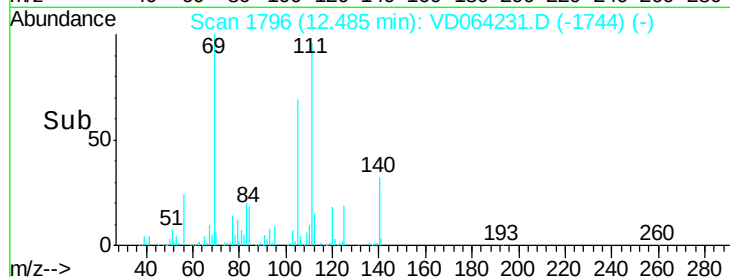
300000

200000

100000

0

Time-->



#78

n-propylbenzene

Concen: 18.966 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD064231.D

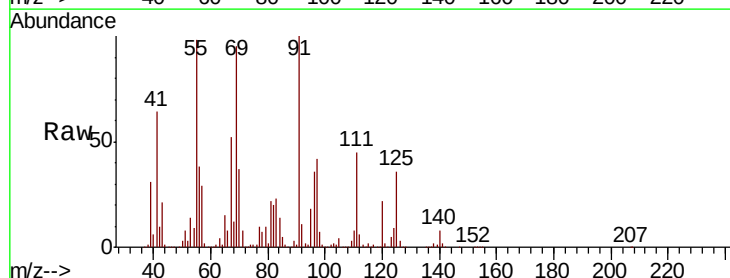
Acq: 15 Nov 2019 17:02

Tgt Ion: 91 Resp: 1264633

Ion Ratio Lower Upper

91 100

120 22.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V

12.83

800000

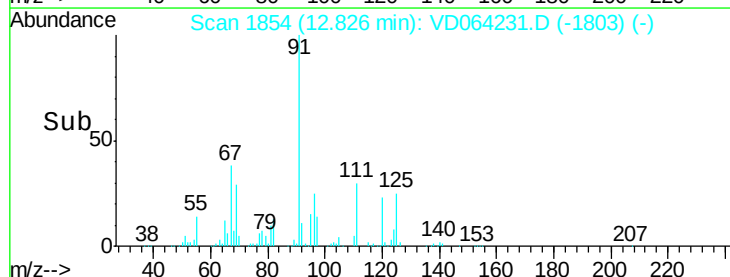
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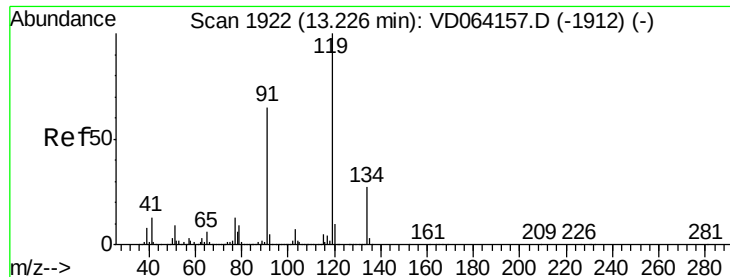
400000

200000

0

Time-->





#83

tert-Butylbenzene

Concen: 5.441 ug/l

RT: 13.23 min Scan# 1923

Delta R.T. 0.01 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Instrument :

MSVOA_D

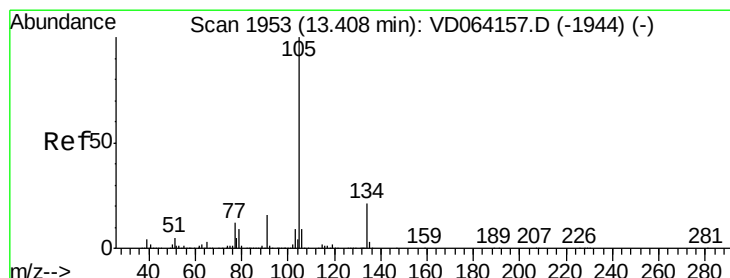
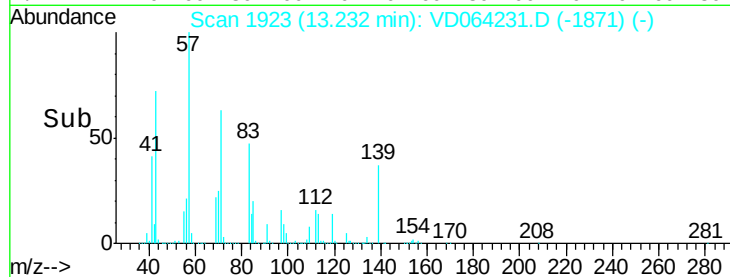
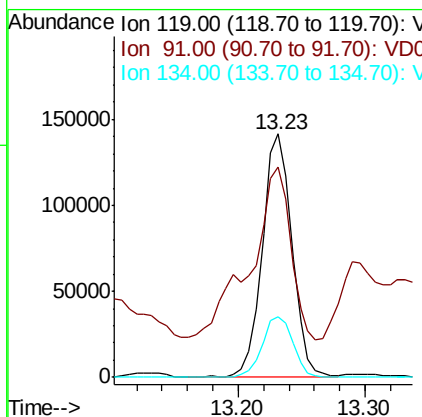
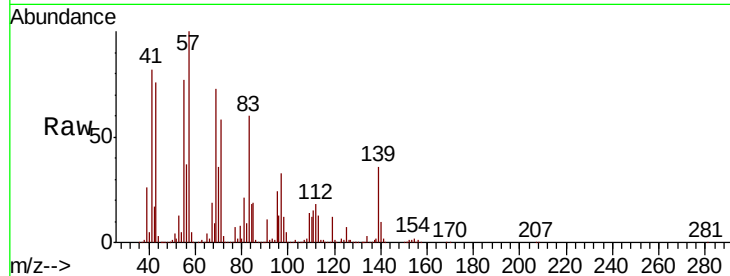
ClientSampleId :

SB-04-7.5-8.0

Tot Ion:	119	Resp:	230078
Ion Ratio	Lower	Upper	
119	100		
91	96.1	31.8	95.4#
134	25.8	13.7	41.0

Manual Integrations
APPROVED

MMDADODA
11/19/2019 12:23:32 PM



#85

sec-Butylbenzene

Concen: 51.267 ug/l

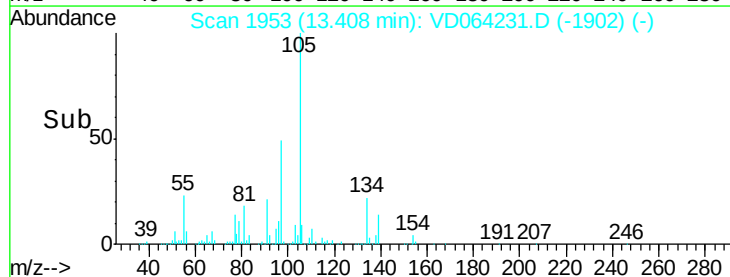
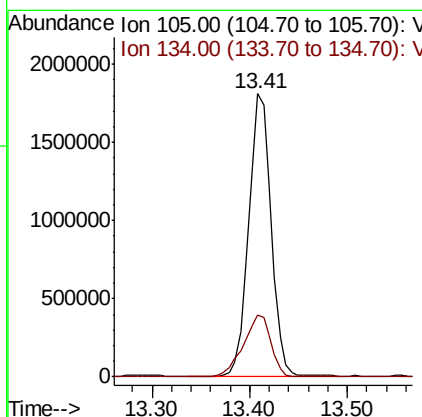
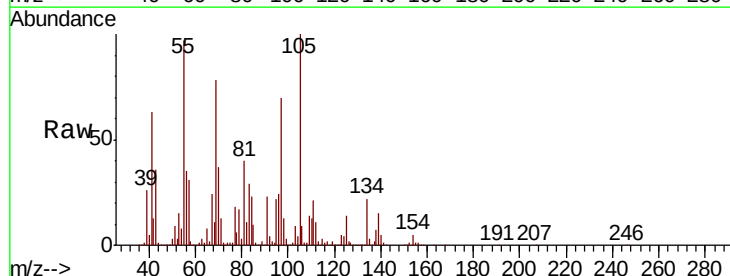
RT: 13.41 min Scan# 1953

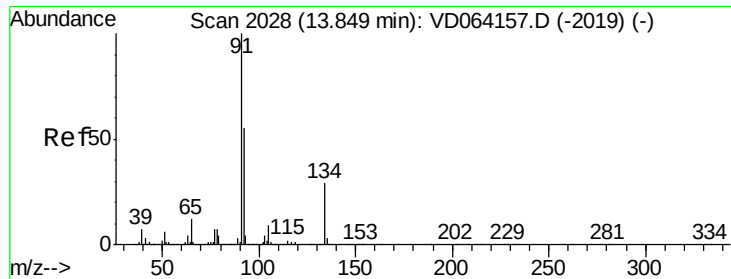
Delta R.T. -0.00 min

Lab File: VD064231.D

Acq: 15 Nov 2019 17:02

Tgt Ion:	105	Resp:	2911740
Ion Ratio	Lower	Upper	
105	100		
134	26.8	10.7	31.9





#89
 n-Butylbenzene
 Concen: 45.537 ug/l m
 RT: 13.86 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: VD064231.D
 Acq: 15 Nov 2019 17:02

Instrument :
 MSVOA_D
 ClientSampleID :
 SB-04-7.5-8.0

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	27.3	81.8
134	0.0	14.1	42.4

Manual Integrations
 APPROVED

MMDADODA
 11/19/2019 12:23:32 PM

