

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121619\
 Data File : VD064527.D
 Acq On : 16 Dec 2019 17:01
 Operator : VA/SY
 Sample : K6329-01
 Misc : 8.44G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 121619-CA-COMP

Manual Integrations
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Quant Time: Dec 17 06:50:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	396467	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	614044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	714720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	369729	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	171056	47.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.34%	
35) Dibromofluoromethane	7.92	113	189334	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
50) Toluene-d8	10.34	98	1803953	123.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	247.56%	
62) 4-Bromofluorobenzene	12.63	95	771781	164.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.58%	
Target Compounds						
16) Acetone	4.17	43	31659	43.656	ug/l	91
39) Methylcyclohexane	9.36	83	2776015	385.313	ug/l	92
73) Isopropylbenzene	12.48	105	269278	10.127	ug/l	99
85) sec-Butylbenzene	13.41	105	767074	29.584	ug/l #	74
89) n-Butylbenzene	13.85	91	192049m	8.639	ug/l	
95) Naphthalene	15.41	128	434085	31.886	ug/l	96

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

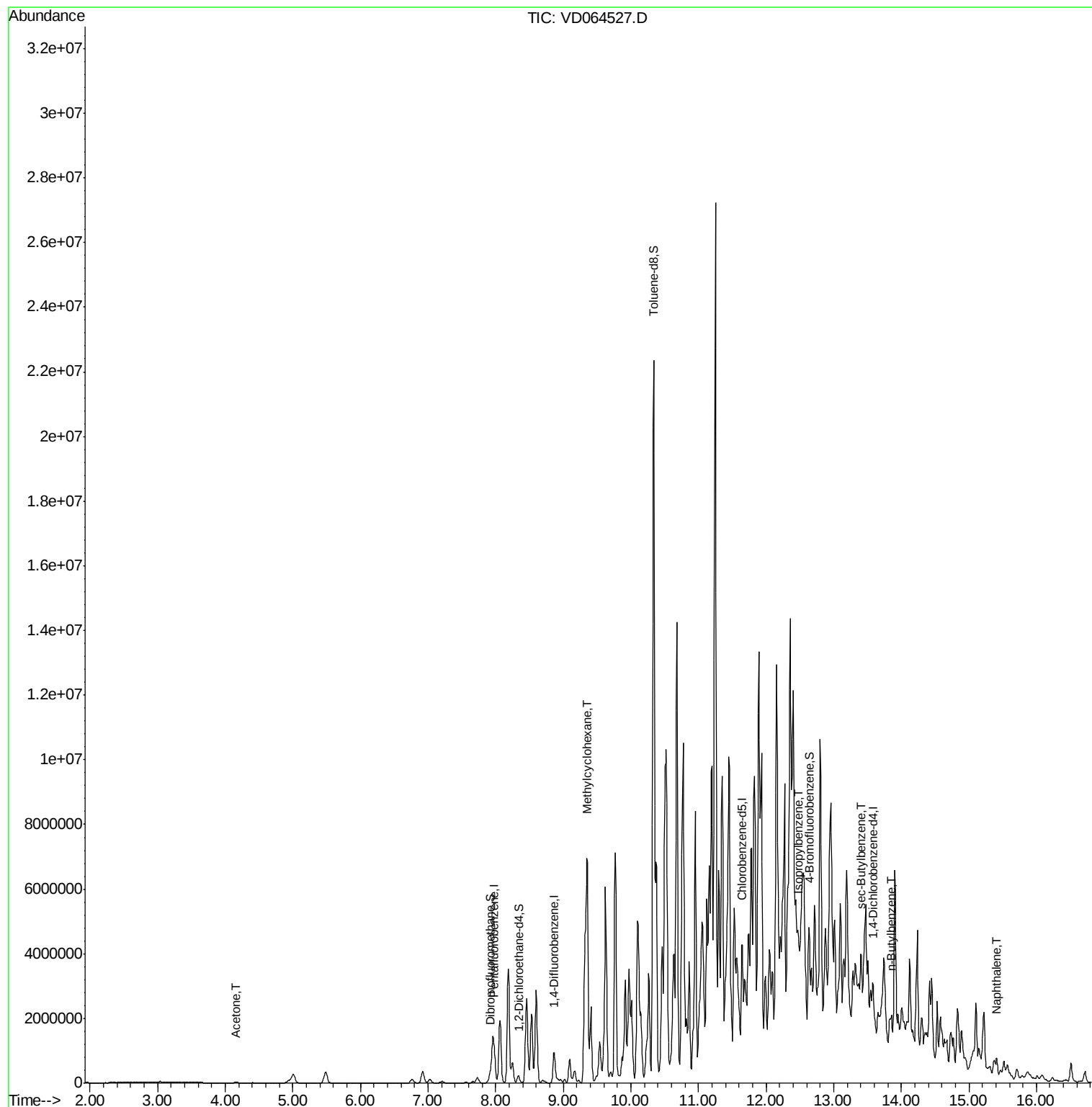
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121619\
Data File : VD064527.D
Acq On : 16 Dec 2019 17:01
Operator : VA/SY
Sample : K6329-01
Misc : 8.44G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

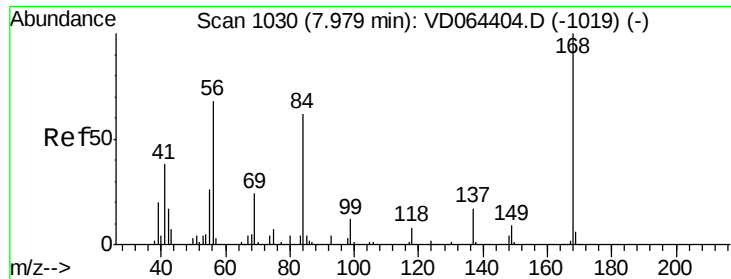
Instrument :
MSVOA_D
ClientSampleId :
121619-CA-COMP

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Quant Time: Dec 17 06:50:48 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD064527.D

Acq: 16 Dec 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

121619-CA-COMP

Tot Ion:168 Resp: 396467

Ion Ratio Lower Upper

168 100

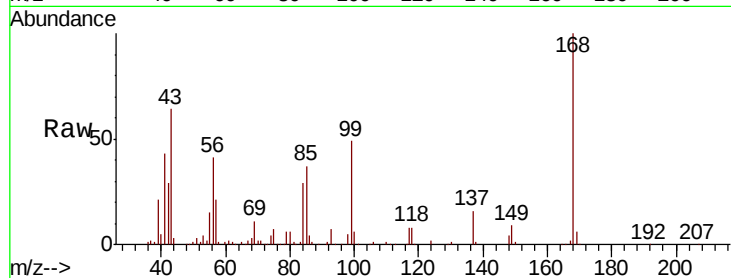
99 49.2 40.7 61.1

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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

200000

150000

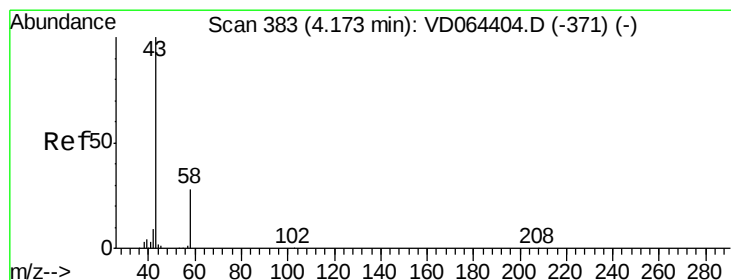
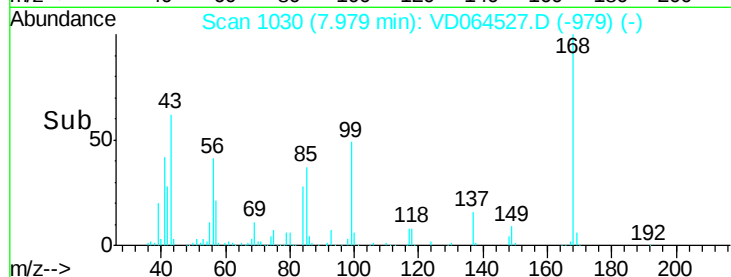
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 43.656 ug/l

RT: 4.17 min Scan# 382

Delta R.T. -0.01 min

Lab File: VD064527.D

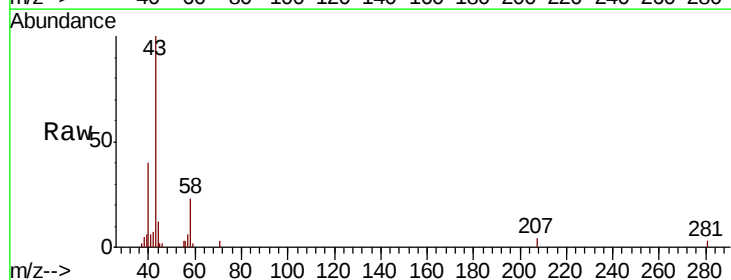
Acq: 16 Dec 2019 17:01

Tgt Ion: 43 Resp: 31659

Ion Ratio Lower Upper

43 100

58 23.5 22.6 33.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

10000

8000

6000

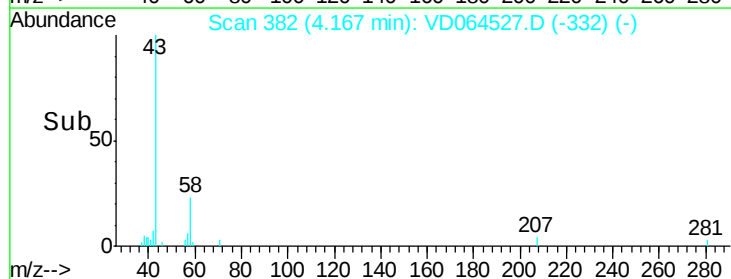
4000

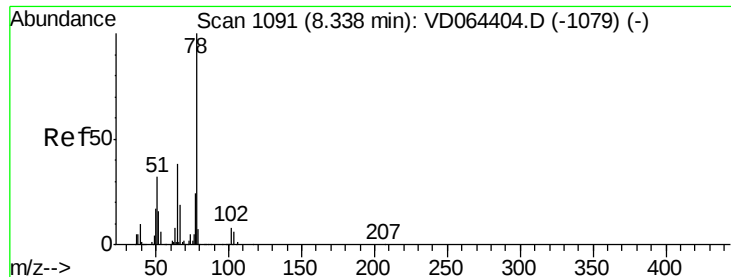
2000

0

4.00 4.10 4.20 4.30

Time-->





#33

1,2-Dichloroethane-d4

Concen: 47.666 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064527.D

Acq: 16 Dec 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

121619-CA-COMP

Tot Ion: 65 Resp: 171056

Ion Ratio Lower Upper

65 100

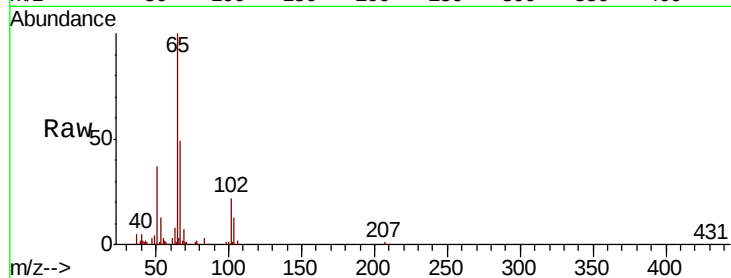
67 52.2 0.0 102.0

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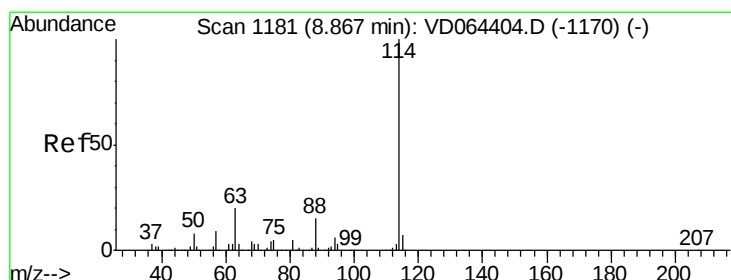
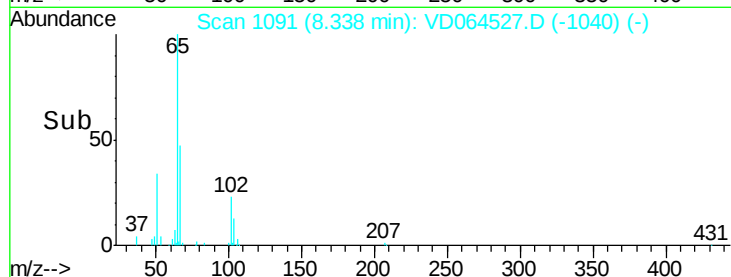
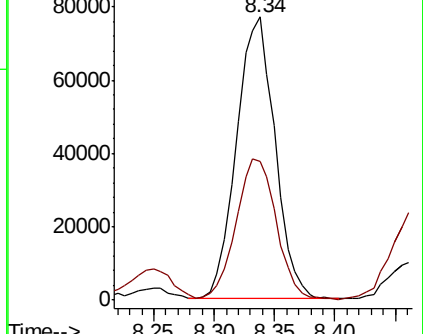
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Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064527.D

Acq: 16 Dec 2019 17:01

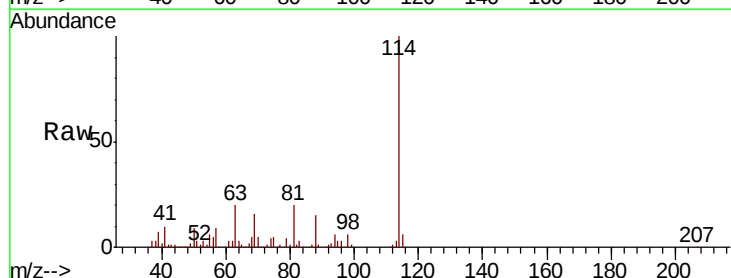
Tgt Ion: 114 Resp: 614044

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

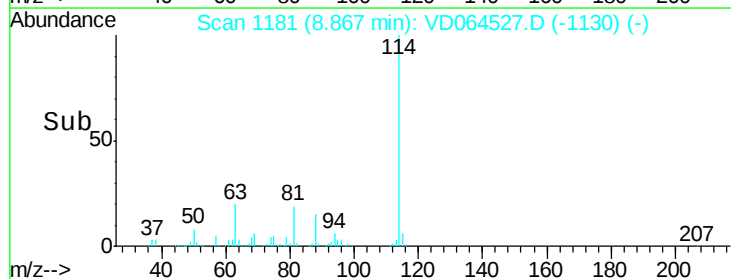
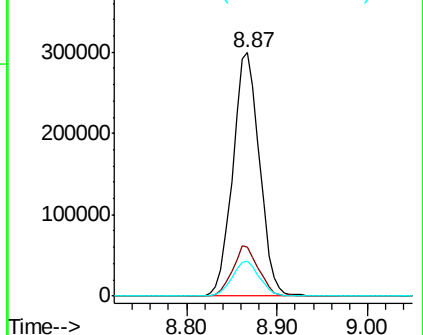
88 14.5 0.0 29.2

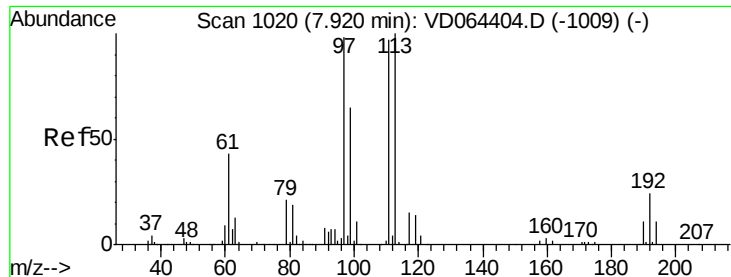


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





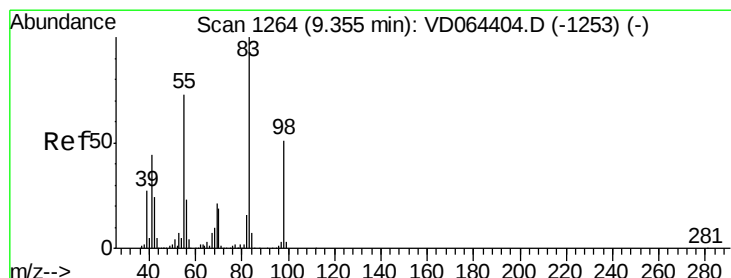
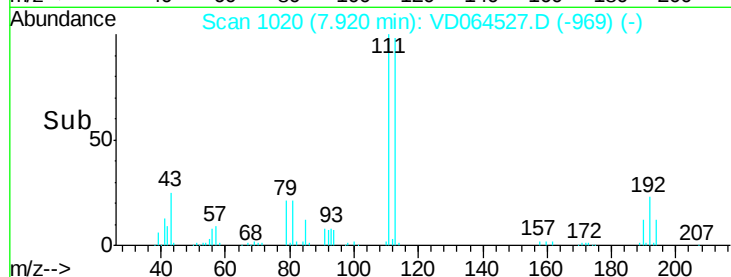
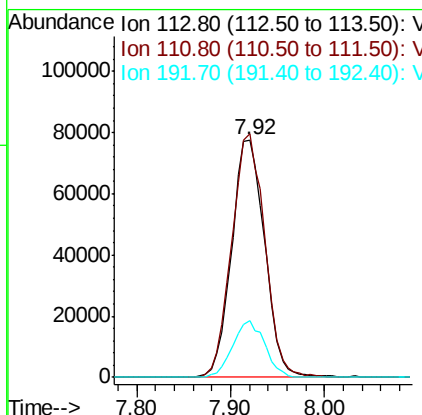
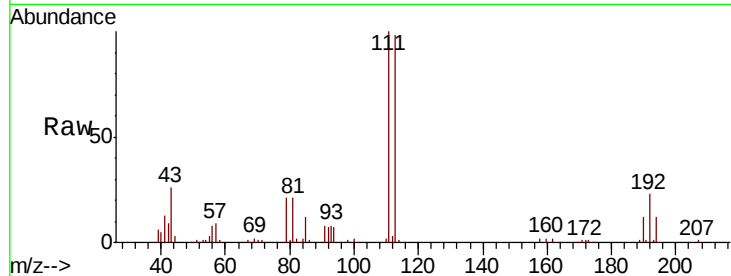
#35
 Dibromofluoromethane
 Concen: 48.939 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064527.D
 Acq: 16 Dec 2019 17:01

Instrument :
 MSVOA_D
 ClientSampleId :
 121619-CA-COMP

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	79.4	119.2
192	23.2	18.6	28.0

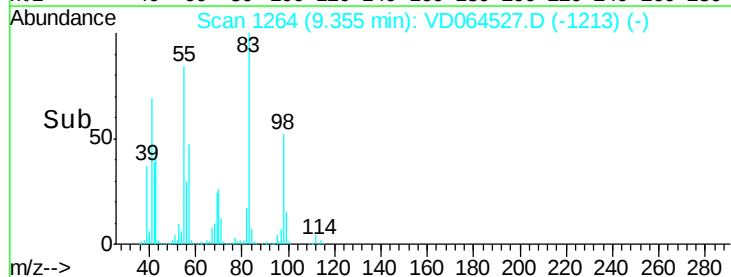
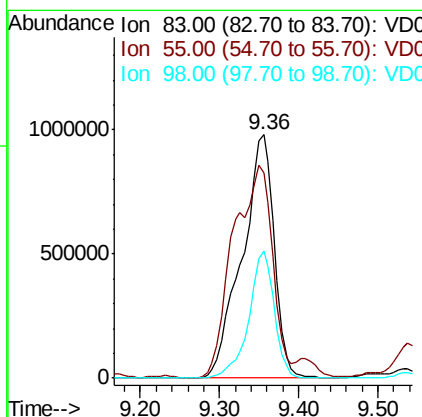
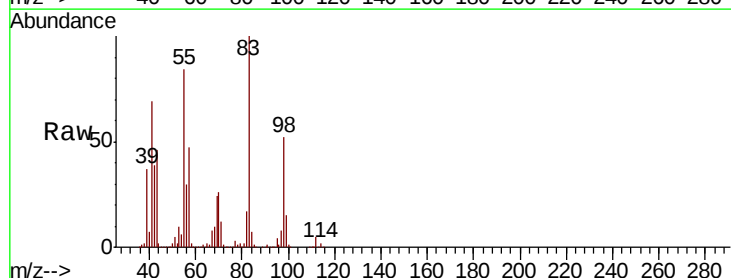
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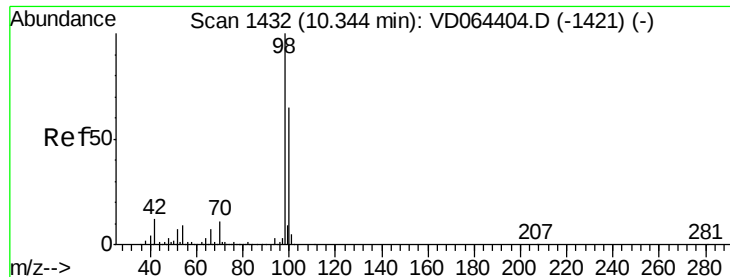
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#39
 Methylcyclohexane
 Concen: 385.313 ug/l
 RT: 9.36 min Scan# 1264
 Delta R.T. -0.00 min
 Lab File: VD064527.D
 Acq: 16 Dec 2019 17:01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.3	58.6	87.8
98	52.2	40.9	61.3





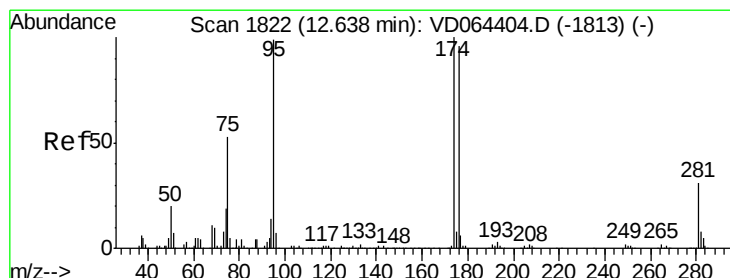
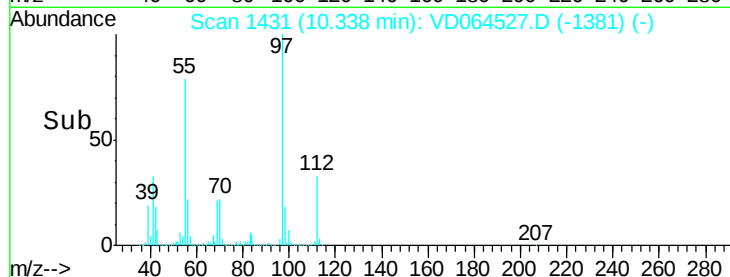
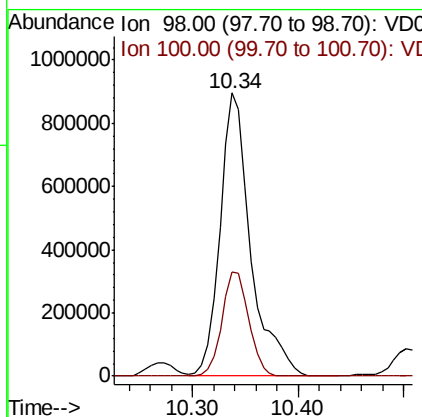
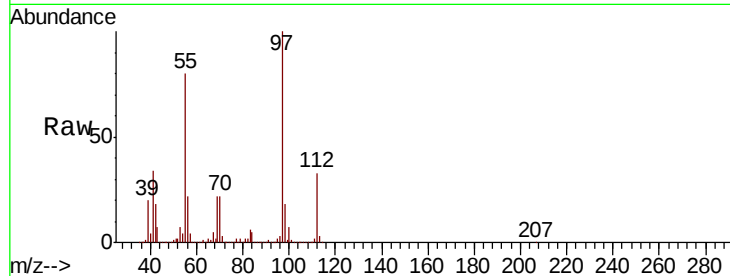
#50
Toluene-d8
Concen: 123.785 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064527.D
Acq: 16 Dec 2019 17:01

Instrument :
MSVOA_D
ClientSampleId :
121619-CA-COMP

Tot Ion: 98 Resp: 1803953
Ion Ratio Lower Upper
98 100
100 32.1 52.6 79.0#

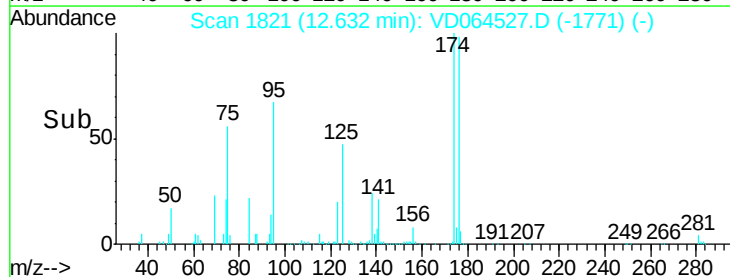
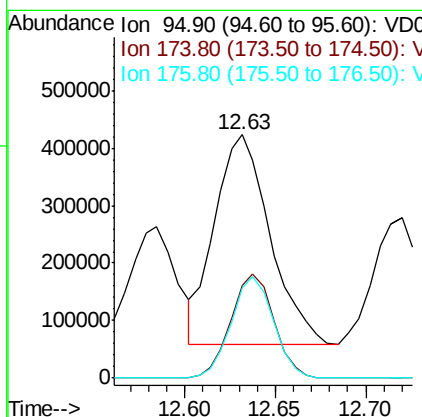
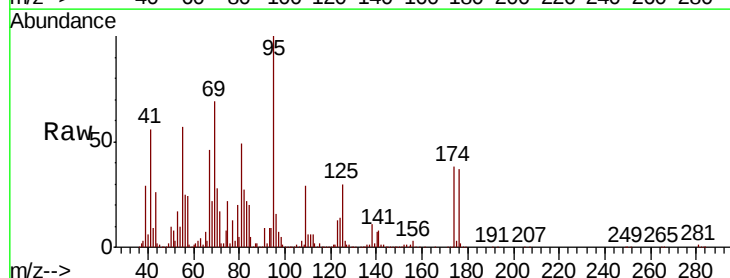
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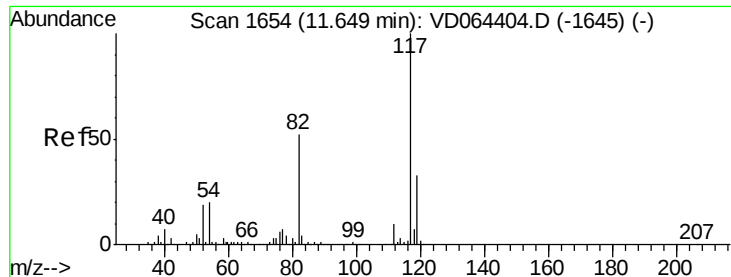
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#62
4-Bromofluorobenzene
Concen: 164.789 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD064527.D
Acq: 16 Dec 2019 17:01

Tgt Ion: 95 Resp: 771781
Ion Ratio Lower Upper
95 100
174 38.8 0.0 197.2
176 37.4 0.0 189.6





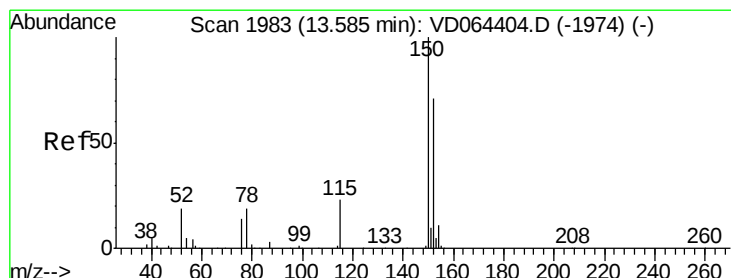
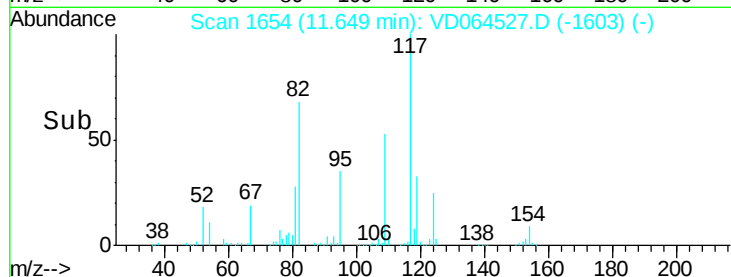
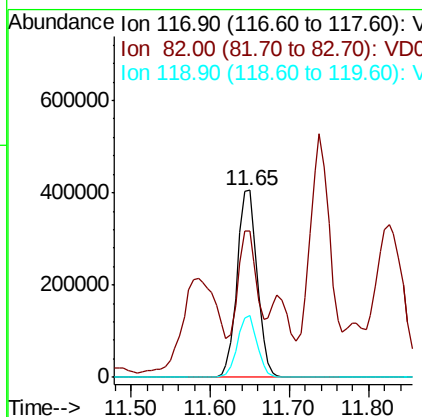
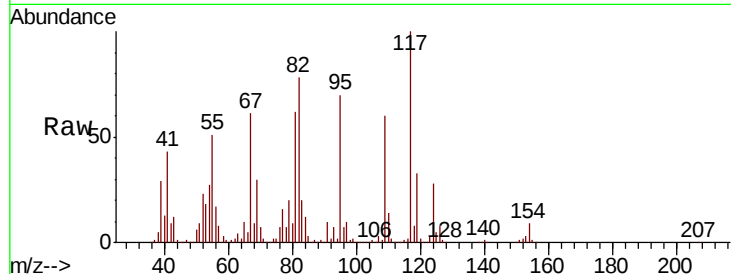
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064527.D
Acq: 16 Dec 2019 17:01

Instrument :
MSVOA_D
ClientSampleId :
121619-CA-COMP

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.3	41.4	62.2
119	33.1	26.2	39.2

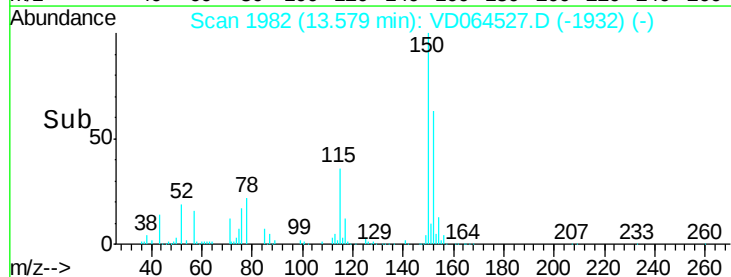
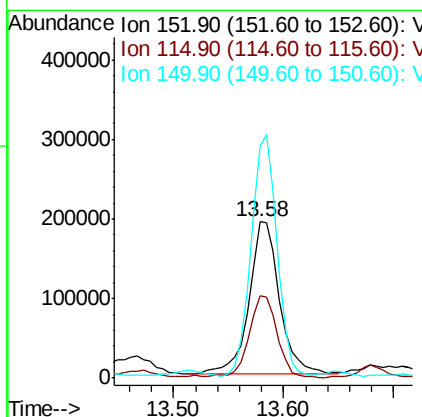
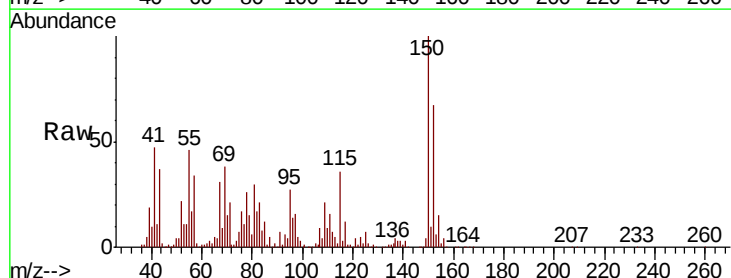
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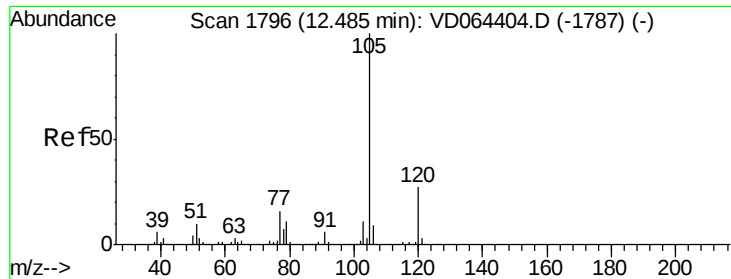
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD064527.D
Acq: 16 Dec 2019 17:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	48.7	26.7	80.1
150	134.8	0.0	347.2





#73

Isopropylbenzene

Concen: 10.127 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD064527.D

Acq: 16 Dec 2019 17:01

Instrument :

MSVOA_D

ClientSampleId :

121619-CA-COMP

Tot Ion:105 Resp: 269278

Ion Ratio Lower Upper

105 100

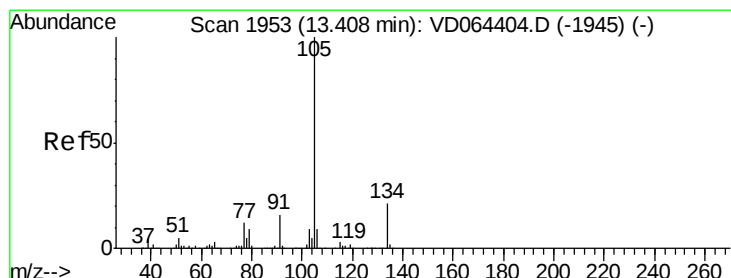
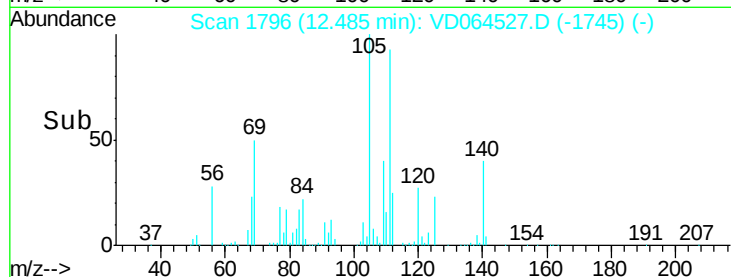
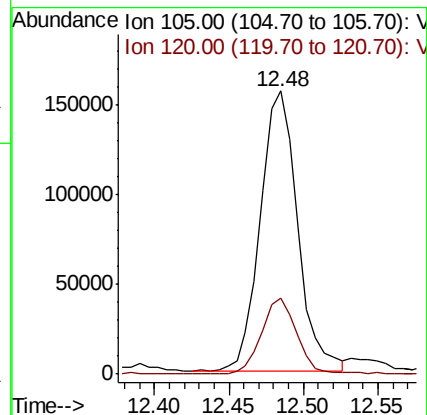
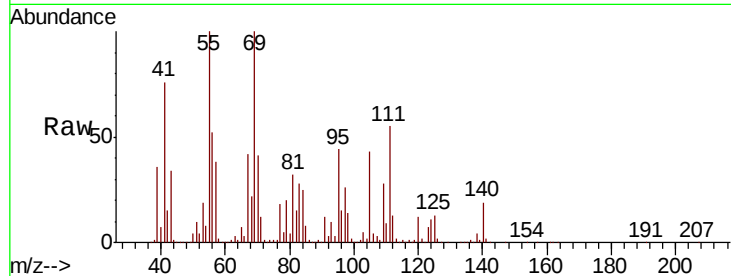
120 26.1 13.4 40.2

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#85

sec-Butylbenzene

Concen: 29.584 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. 0.00 min

Lab File: VD064527.D

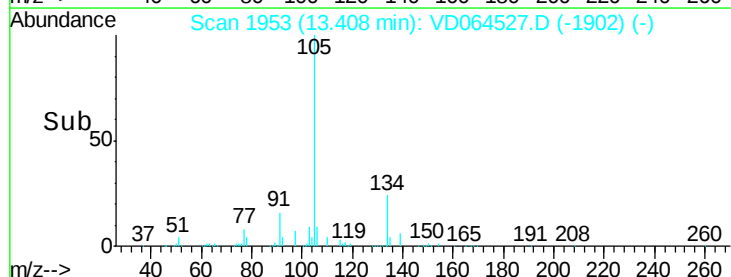
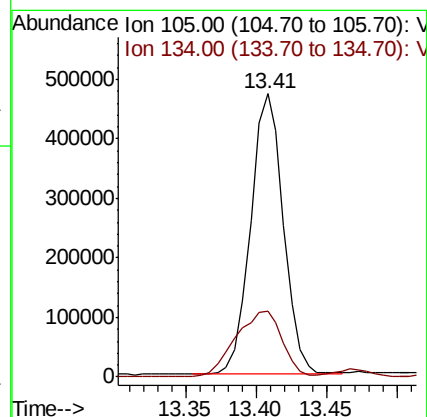
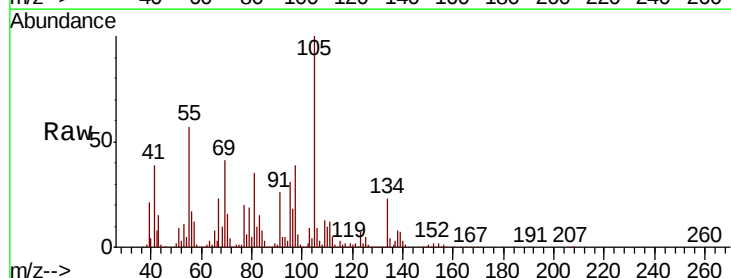
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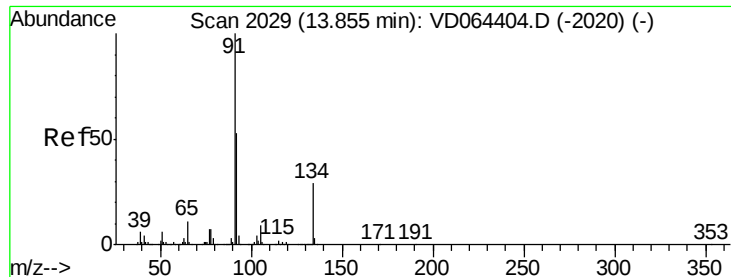
Tgt Ion:105 Resp: 767074

Ion Ratio Lower Upper

105 100

134 33.1 10.5 31.5#





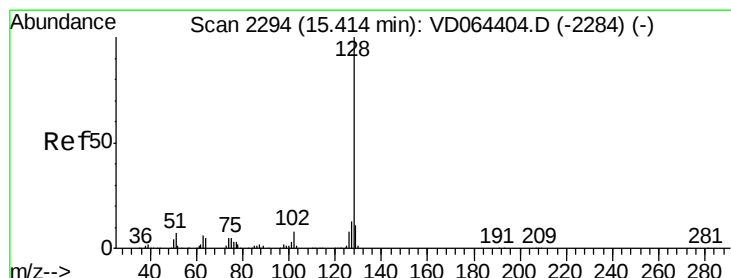
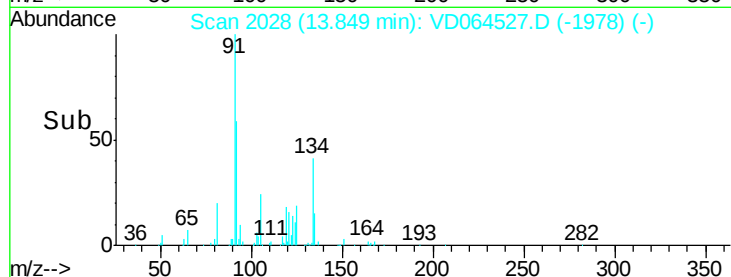
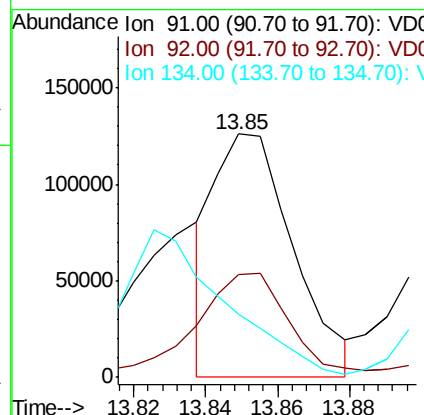
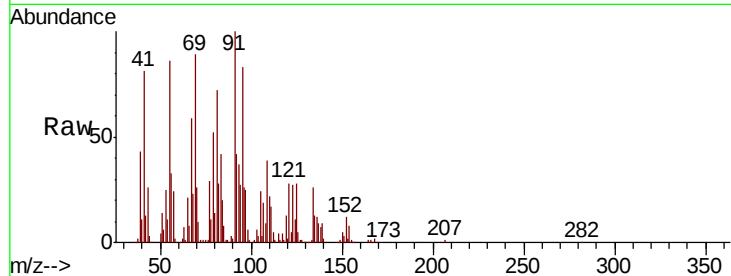
#89
n-Butylbenzene
Concen: 8.639 ug/l m
RT: 13.85 min Scan# 2028
Delta R.T. -0.01 min
Lab File: VD064527.D
Acq: 16 Dec 2019 17:01

Instrument :
MSVOA_D
ClientSampleId :
121619-CA-COMP

Tot Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.5	79.4#
134	0.0	13.9	41.7#

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#95
Naphthalene
Concen: 31.886 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. -0.00 min
Lab File: VD064527.D
Acq: 16 Dec 2019 17:01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.5	15.7
129	13.0	8.8	13.2

