

Data File : VU028915.D
Acq On : 22 Dec 2018 15:24
Operator : MD/SY
Sample : J6426-14ME
Misc : 5.65g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

Manual Integrations
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MMDadoda
12/24/2018 11:48:54 AM

Quant Time: Dec 24 11:10:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.97	168	129403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.88	114	216968	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	208774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	106020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.30	65	80010	40.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.04%	
35) Dibromofluoromethane	4.88	113	68296	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	7.56	98	282018	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	10.31	95	106368	52.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.38%	
Target Compounds						
						Qvalue
39) Methylcyclohexane	6.40	83	76072	26.263	ug/l	95
65) Chlorobenzene	9.12	112	243094	54.643	ug/l	98
67) Ethyl Benzene	9.25	91	16549m	2.024	ug/l	
68) m/p-Xylenes	9.37	106	557172	187.231	ug/l	96
73) Isopropylbenzene	10.17	105	194081	23.857	ug/l	99
78) n-propylbenzene	10.59	91	478588	47.343	ug/l	85
80) 1,3,5-Trimethylbenzene	10.77	105	325789	48.379	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	1932773	278.494	ug/l	97
85) sec-Butylbenzene	11.33	105	65472	7.852	ug/l	99
86) p-Isopropyltoluene	11.48	119	88517	12.497	ug/l	96
87) 1,3-Dichlorobenzene	11.42	146	30241m	8.417	ug/l	
88) 1,4-Dichlorobenzene	11.51	146	1030165	277.146	ug/l	99
89) n-Butylbenzene	11.89	91	155267	21.659	ug/l #	53
95) Naphthalene	13.74	128	930483	107.901	ug/l	99

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

Data File : VU028915.D

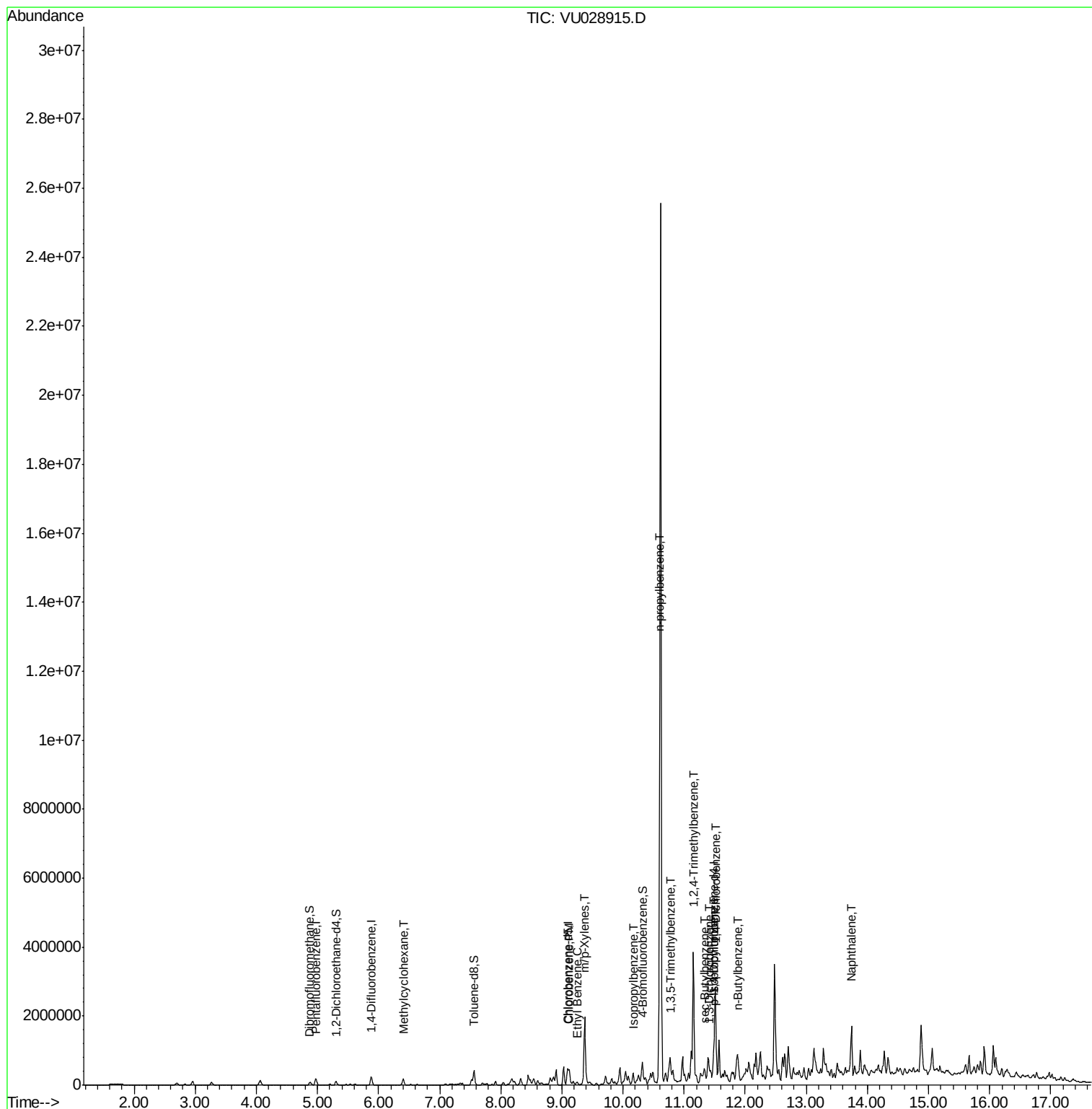
```
Acq On       : 22 Dec 2018  15:24
Operator     : MD/SY
Sample       : J6426-14ME
Misc         : 5.65g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial     : 8      Sample Multiplier: 1
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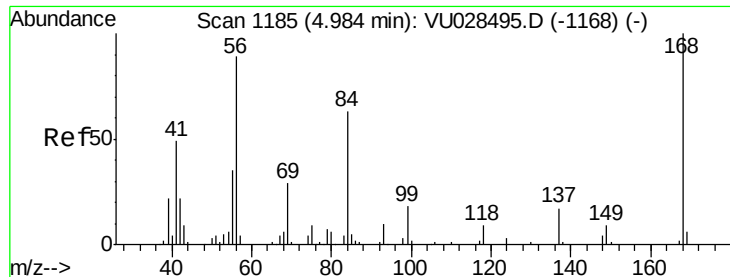
Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

Manual Integrations
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12/24/2018 11:48:54 AM

Quant Time: Dec 24 11:10:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U120618W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 07 00:39:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-4248-01ME

Tgt Ion: 168 Resp: 129403

Ion Ratio Lower Upper

168 100

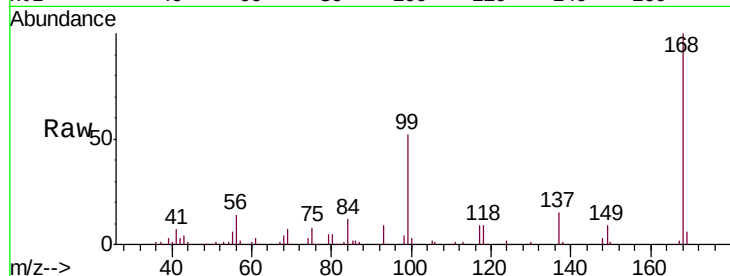
99 52.0 46.6 69.8

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Abundance Ion 167.90 (167.60 to 168.60): VU028495.D (-1168) (-)

Ion 98.90 (98.60 to 99.60): VU028495.D (-1168) (-)

4.97

60000

50000

40000

30000

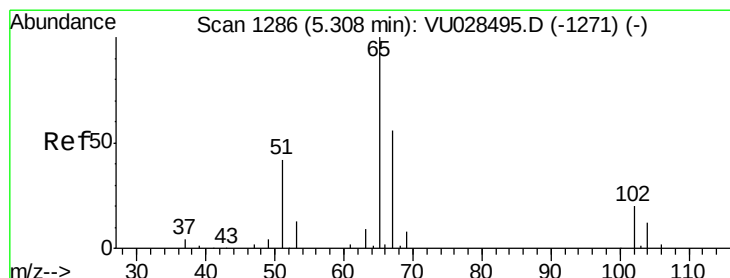
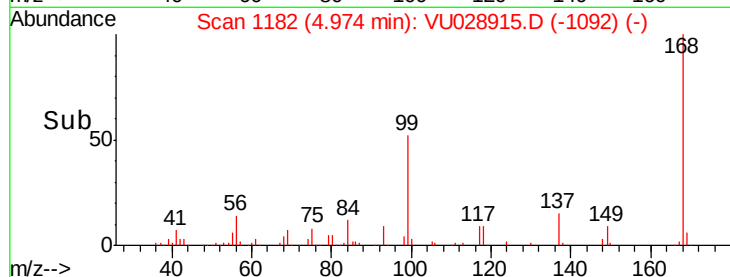
20000

10000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.516 ug/l

RT: 5.30 min Scan# 1284

Delta R.T. -0.01 min

Lab File: VU028915.D

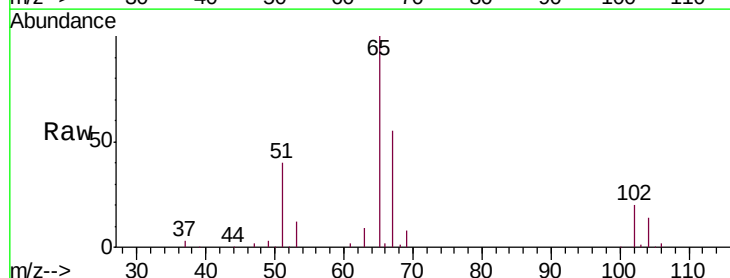
Acq: 22 Dec 2018 15:24

Tgt Ion: 65 Resp: 80010

Ion Ratio Lower Upper

65 100

67 56.3 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU028495.D (-1271) (-)

Ion 66.90 (66.60 to 67.60): VU028495.D (-1271) (-)

5.30

40000

30000

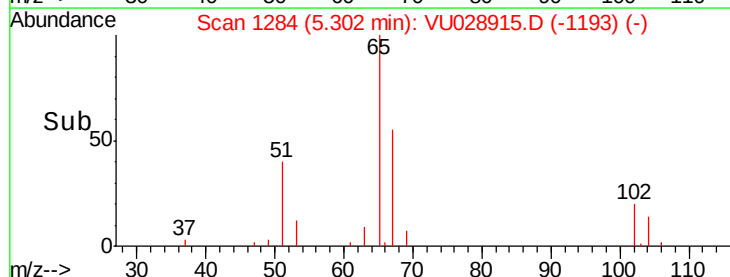
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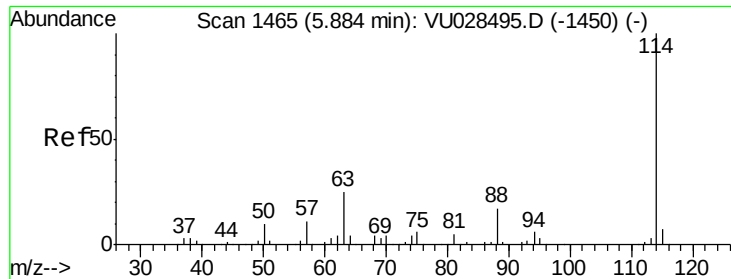
10000

0

5.20 5.25 5.30 5.35 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.88 min Scan# 1464

Delta R.T. -0.00 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

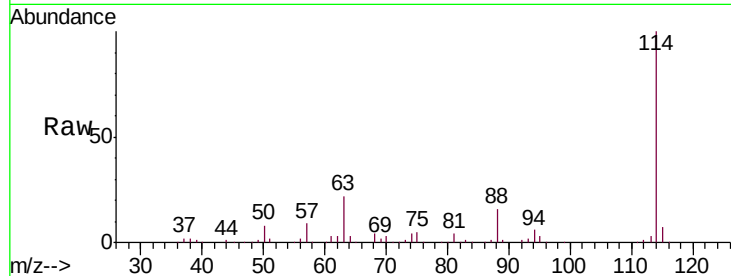
ClientSampleId :

P001-SS013B-4248-01ME

Tgt Ion:	114	Resp:	216968
Ion Ratio	Lower	Upper	
114	100		
63	21.6	0.0	49.2
88	16.1	0.0	33.4

Manual Integrations
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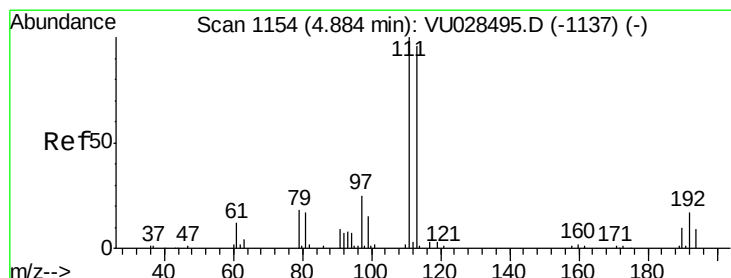
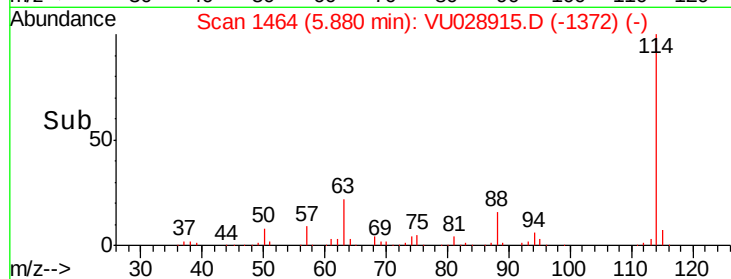
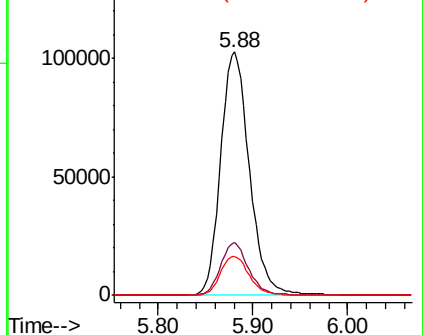
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 50.019 ug/l

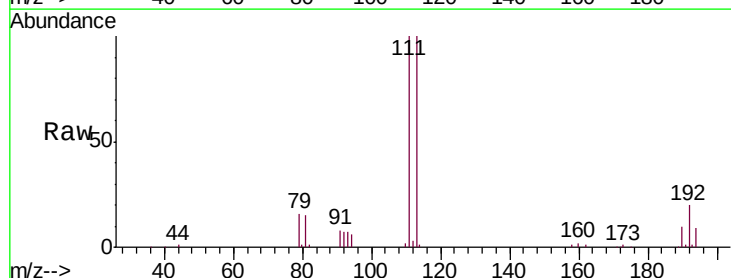
RT: 4.88 min Scan# 1152

Delta R.T. -0.01 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

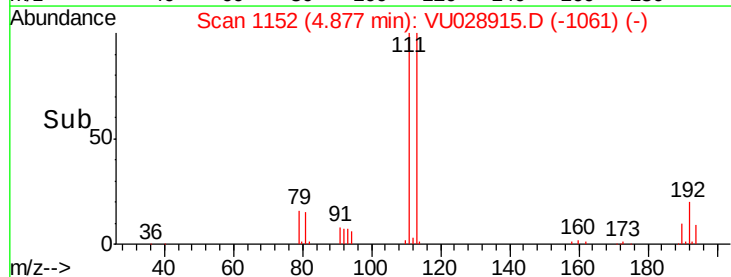
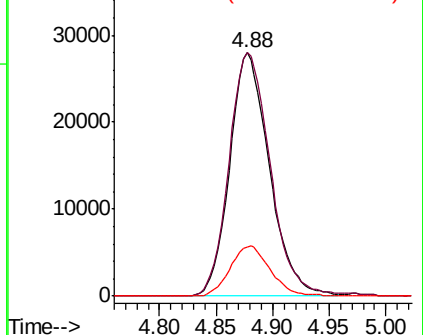
Tgt Ion:	113	Resp:	68296
Ion Ratio	Lower	Upper	
113	100		
111	104.2	83.4	125.0
192	20.8	14.8	22.2

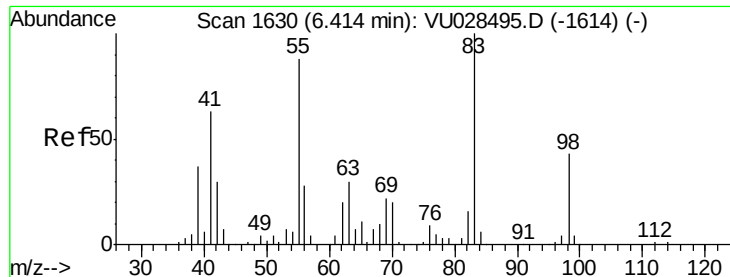


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





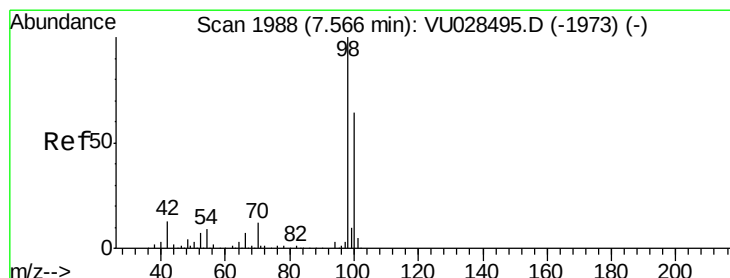
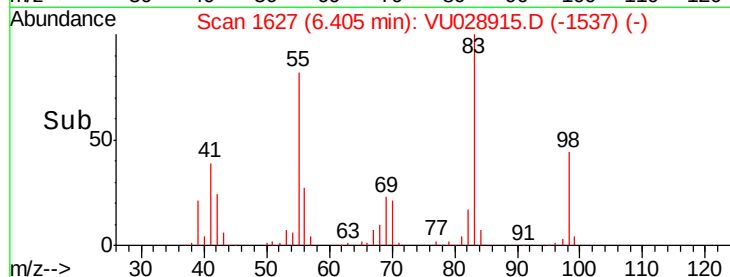
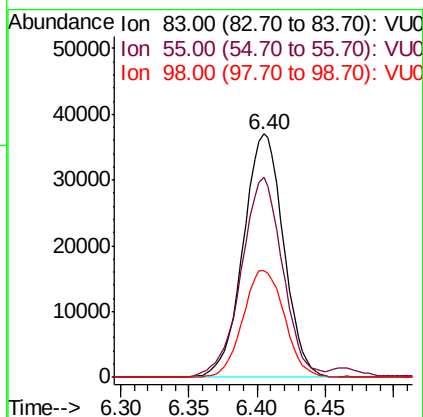
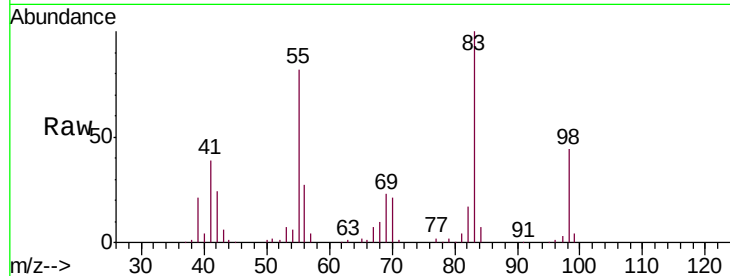
#39
Methylcyclohexane
Concen: 26.263 ug/l
RT: 6.40 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.6	70.2	105.2
98	43.9	34.2	51.4

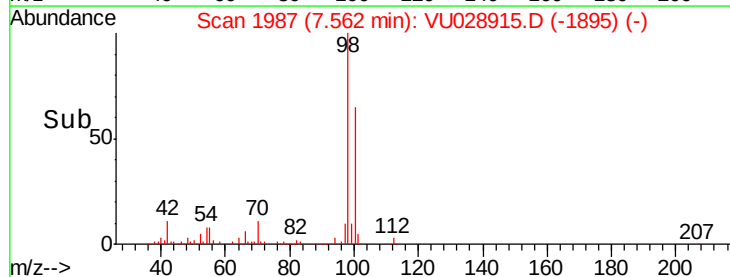
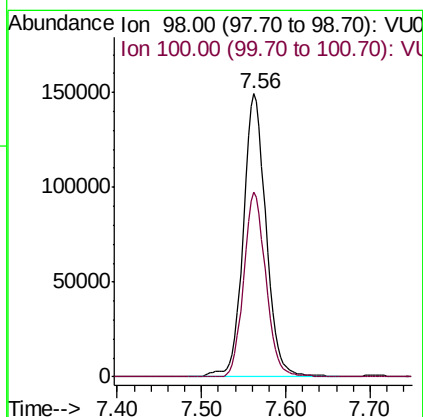
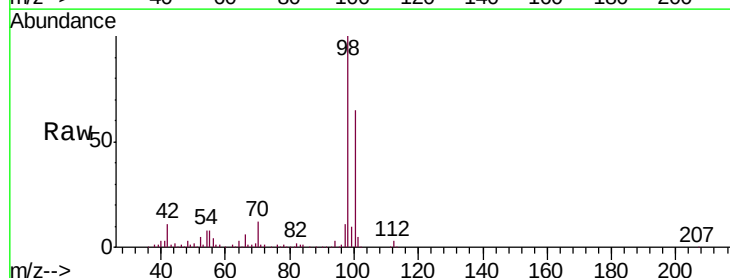
Manual Integrations
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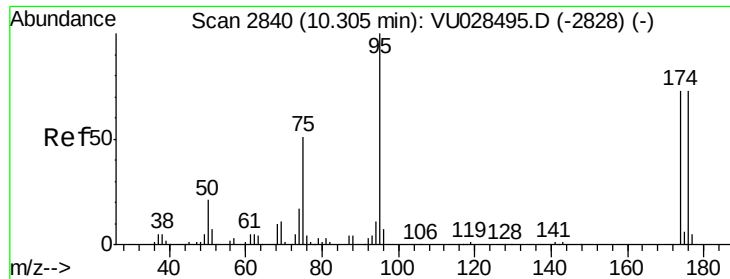
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#50
Toluene-d8
Concen: 52.213 ug/l
RT: 7.56 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.0	76.6





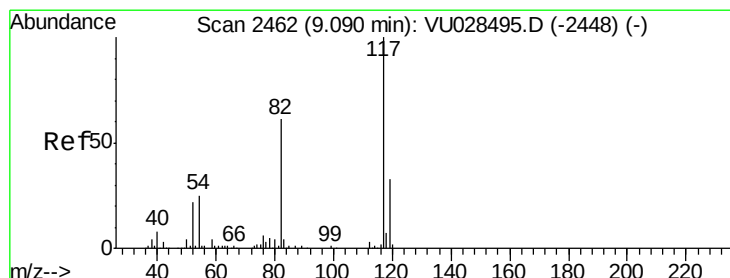
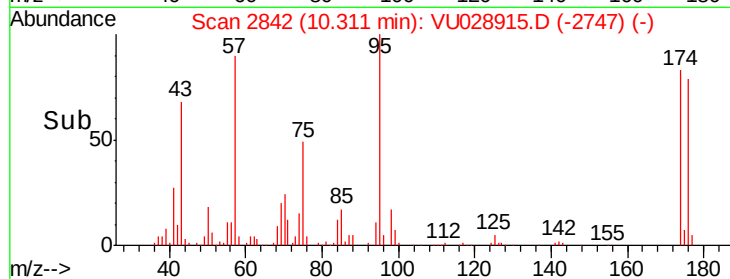
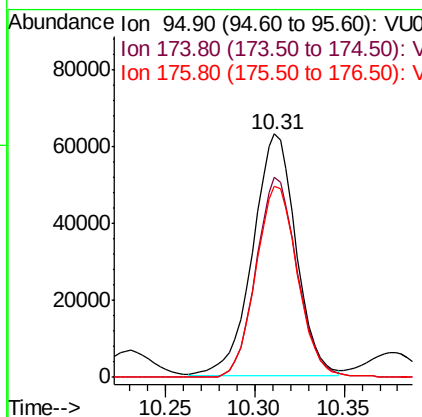
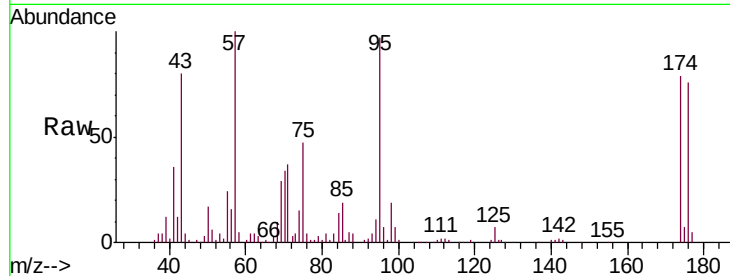
#62
4-Bromofluorobenzene
Concen: 52.689 ug/l
RT: 10.31 min Scan# 2842
Delta R.T. 0.01 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	106368		
174	79.4	0.0	150.4	
176	77.1	0.0	145.2	

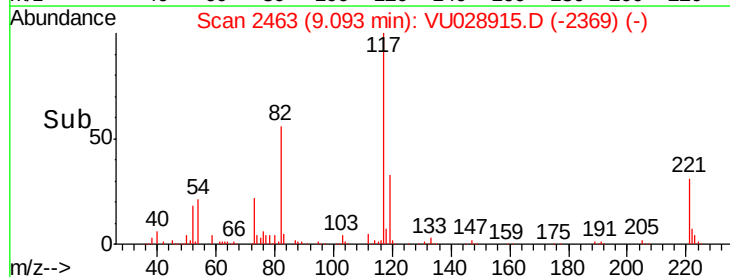
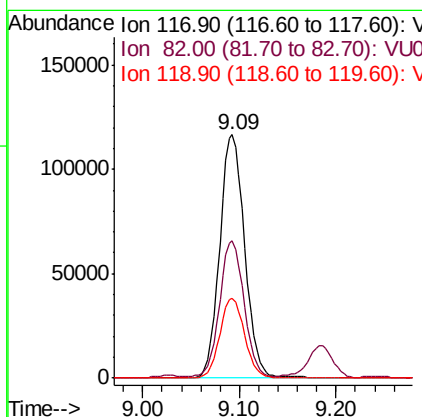
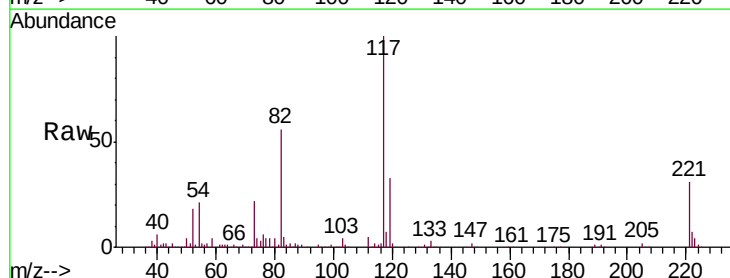
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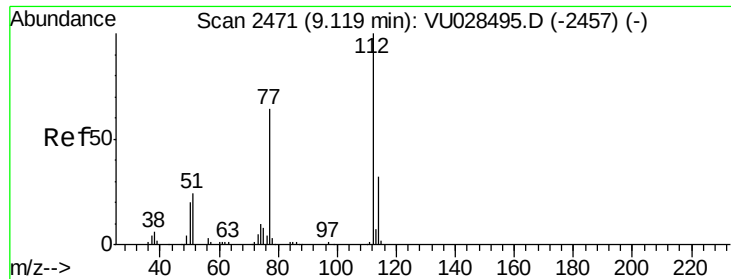
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#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	208774		
82	55.4	48.9	73.3	
119	32.8	26.2	39.4	





#65

Chlorobenzene

Concen: 54.643 ug/l

RT: 9.12 min Scan# 2472

Delta R.T. 0.00 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-4248-01ME

Tgt Ion:112 Resp: 243094

Ion Ratio Lower Upper

112 100

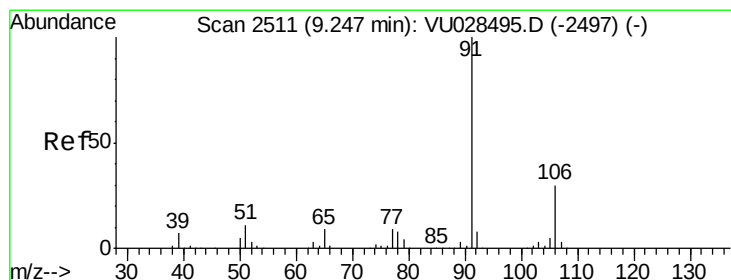
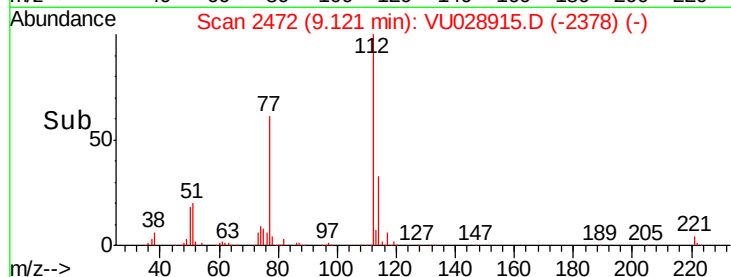
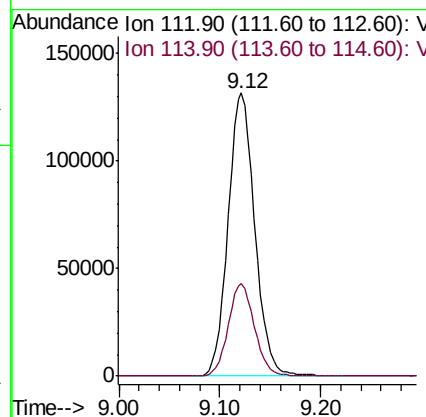
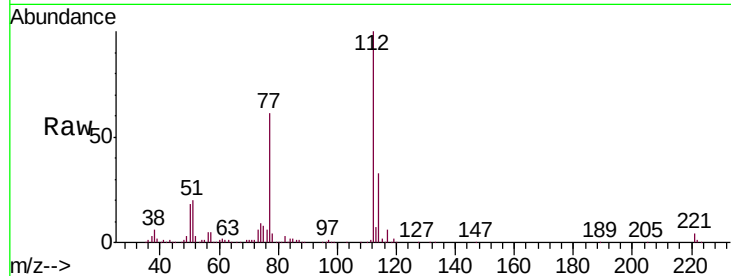
114 32.8 25.3 37.9

Manual Integrations

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#67

Ethyl Benzene

Concen: 2.024 ug/l m

RT: 9.25 min Scan# 2513

Delta R.T. 0.01 min

Lab File: VU028915.D

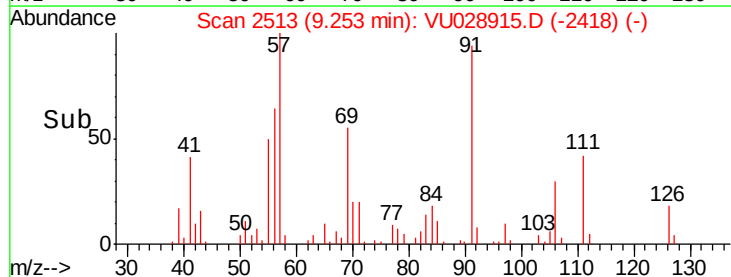
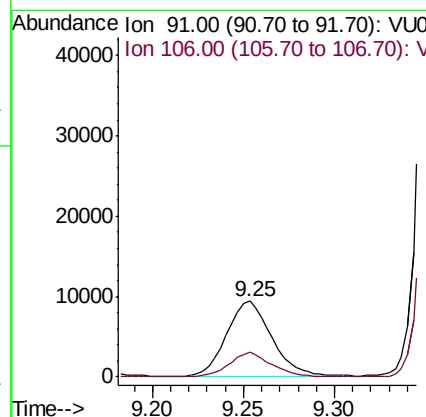
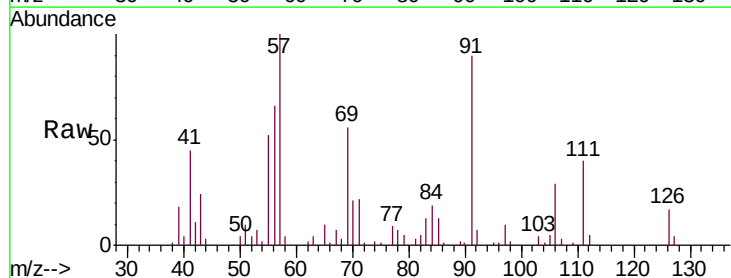
Acq: 22 Dec 2018 15:24

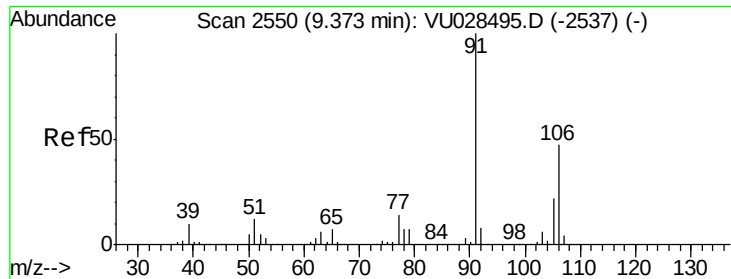
Tgt Ion: 91 Resp: 16549

Ion Ratio Lower Upper

91 100

106 32.2 24.1 36.1





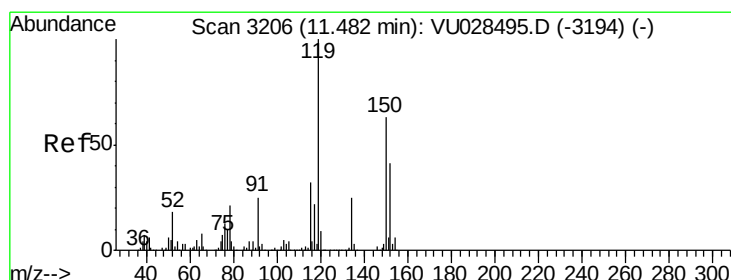
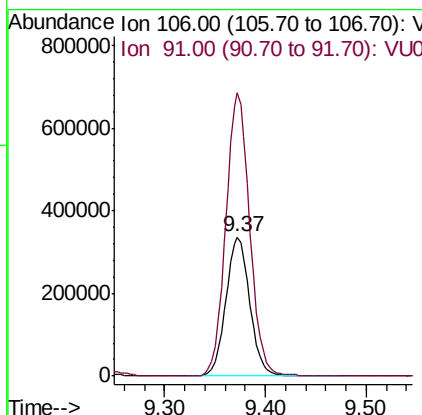
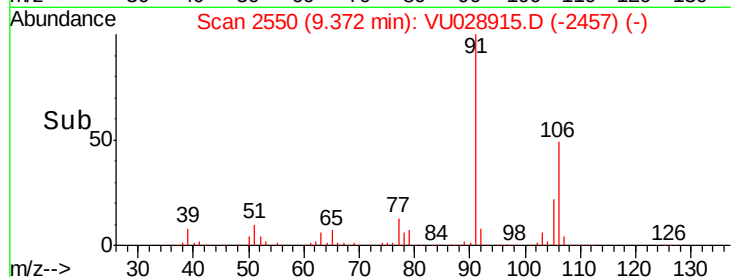
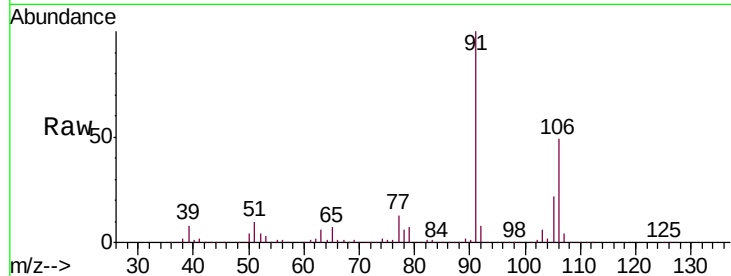
#68
m/p-Xylenes
Concen: 187.231 ug/l
RT: 9.37 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

Tgt Ion:106 Resp: 557172
Ion Ratio Lower Upper
106 100
91 203.4 167.4 251.0

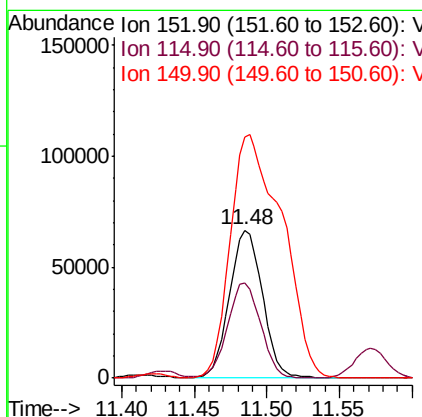
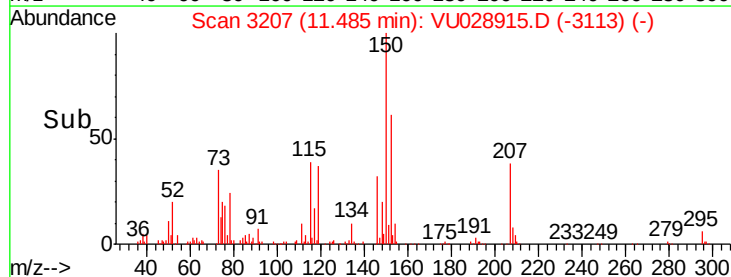
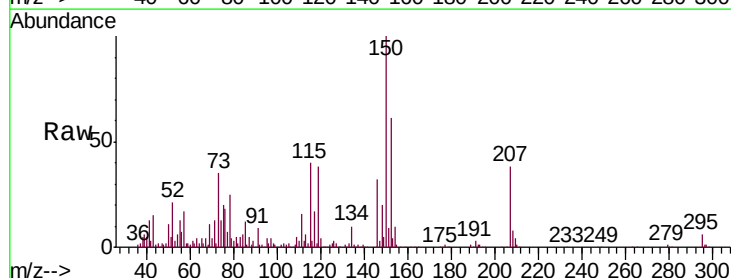
Manual Integrations
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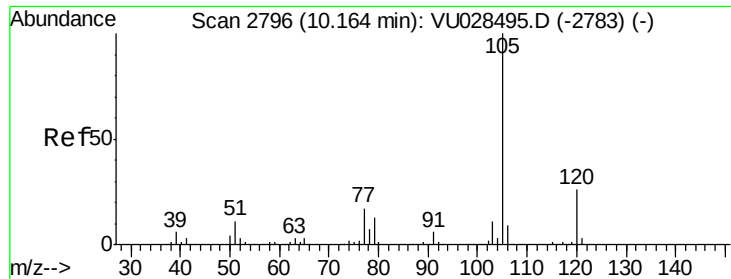
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion:152 Resp: 106020
Ion Ratio Lower Upper
152 100
115 64.2 42.7 128.1
150 256.0 0.0 346.0





#73

Isopropylbenzene

Concen: 23.857 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028915.D

Acq: 22 Dec 2018 15:24

Instrument :

MSVOA_U

ClientSampleId :

P001-SS013B-4248-01ME

Tgt Ion: 105 Resp: 194081

Ion Ratio Lower Upper

105 100

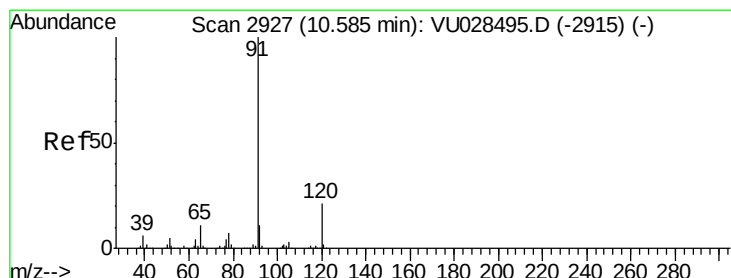
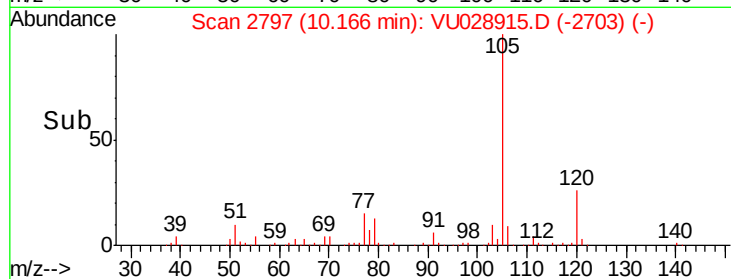
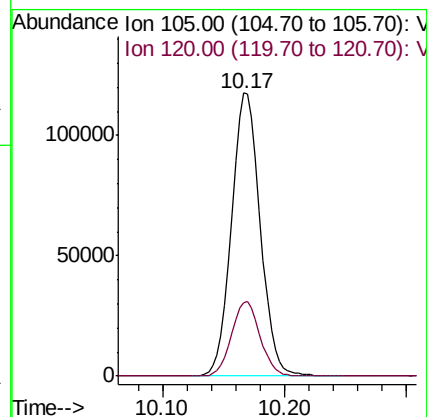
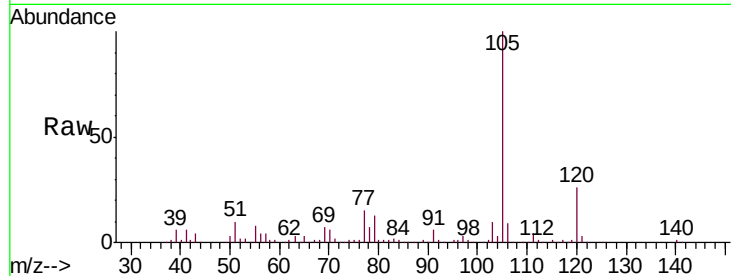
120 26.2 12.9 38.6

Manual Integrations

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#78

n-propylbenzene

Concen: 47.343 ug/l

RT: 10.59 min Scan# 2929

Delta R.T. 0.01 min

Lab File: VU028915.D

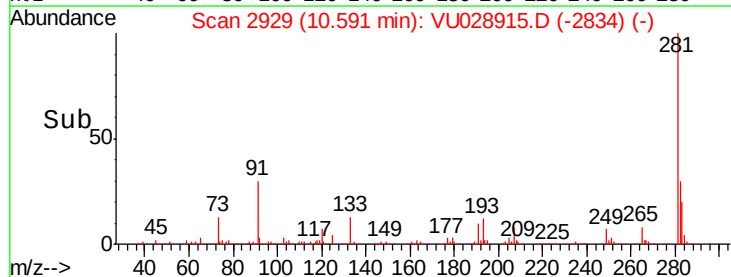
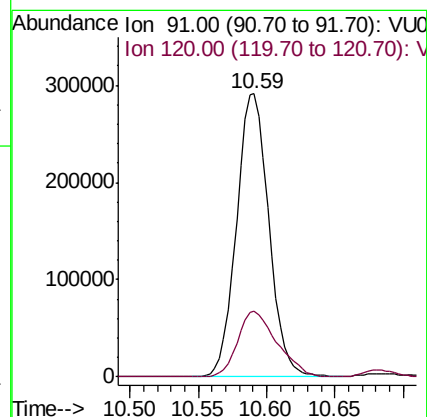
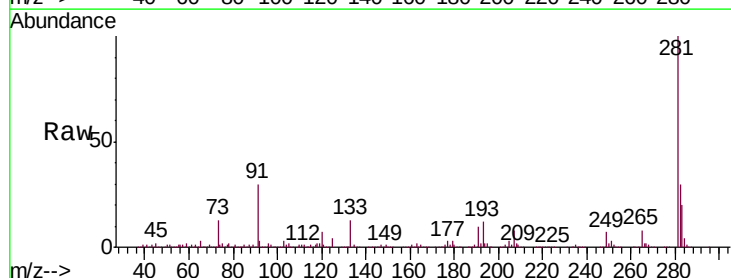
Acq: 22 Dec 2018 15:24

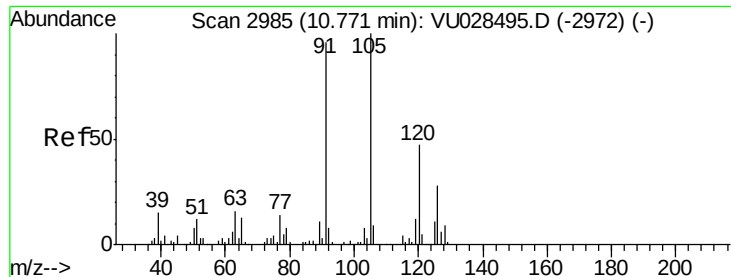
Tgt Ion: 91 Resp: 478588

Ion Ratio Lower Upper

91 100

120 28.3 10.6 31.8





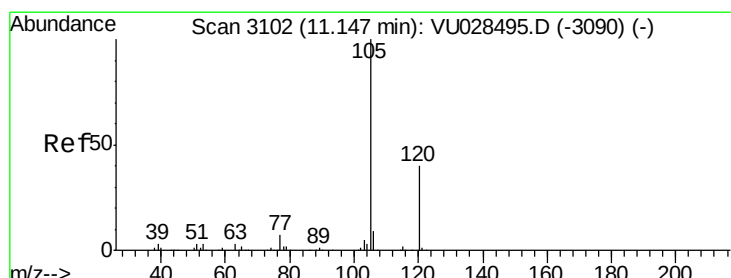
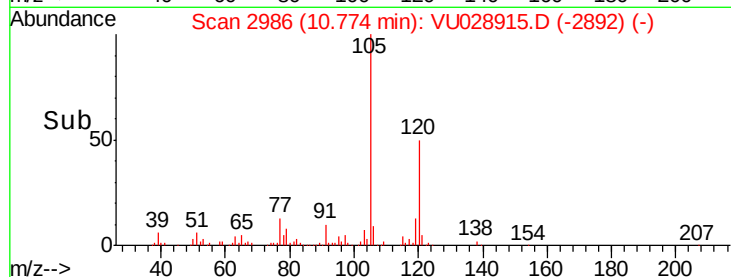
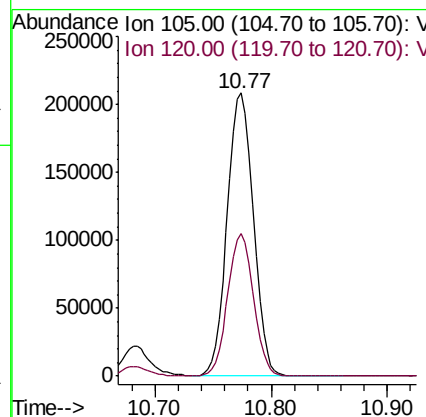
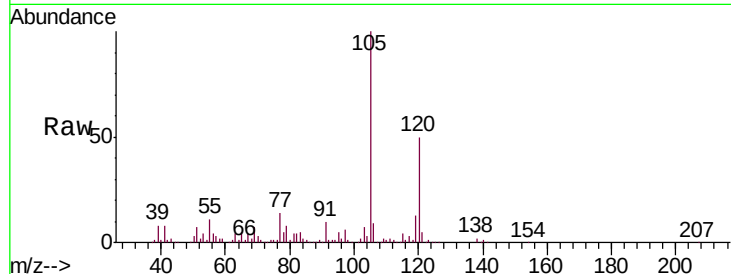
#80
 1,3,5-Trimethylbenzene
 Concen: 48.379 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

Tgt Ion:105 Resp: 325789
 Ion Ratio Lower Upper
 105 100
 120 49.3 23.7 71.1

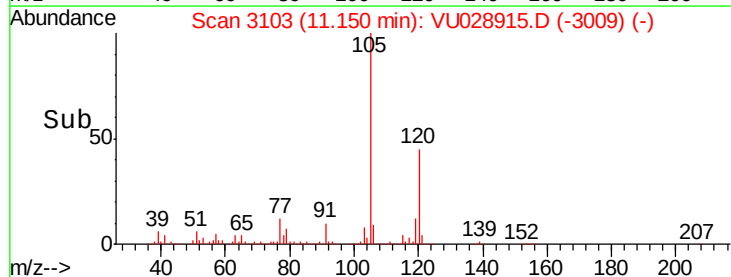
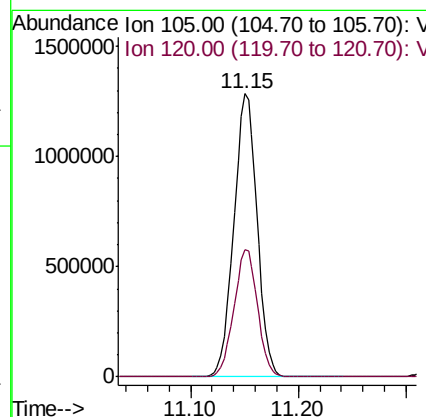
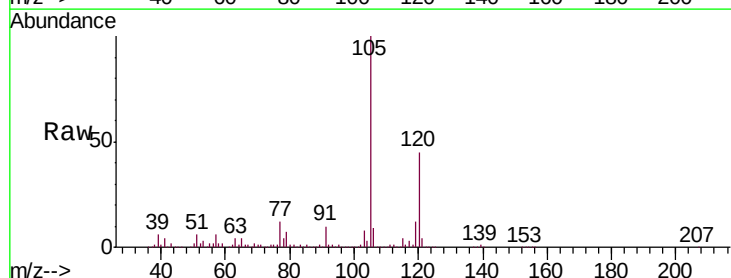
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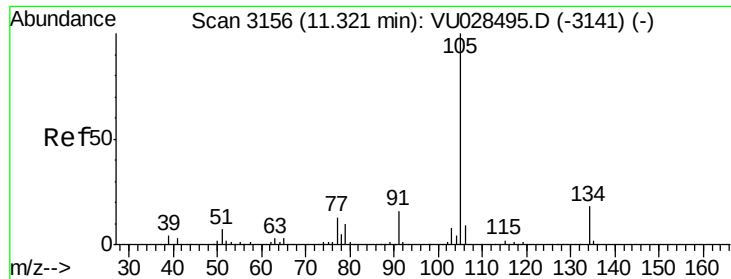
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#84
 1,2,4-Trimethylbenzene
 Concen: 278.494 ug/l
 RT: 11.15 min Scan# 3103
 Delta R.T. 0.00 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Tgt Ion:105 Resp: 1932773
 Ion Ratio Lower Upper
 105 100
 120 45.6 21.8 65.4





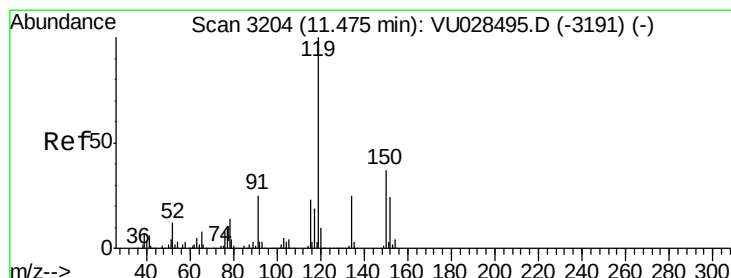
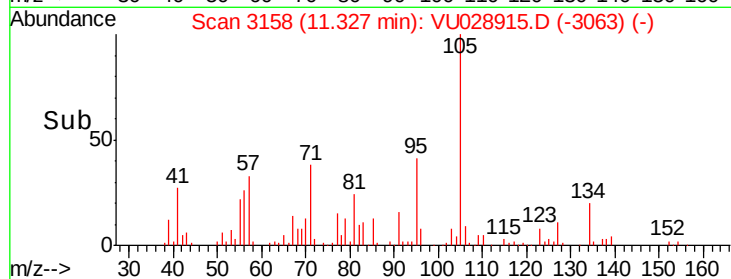
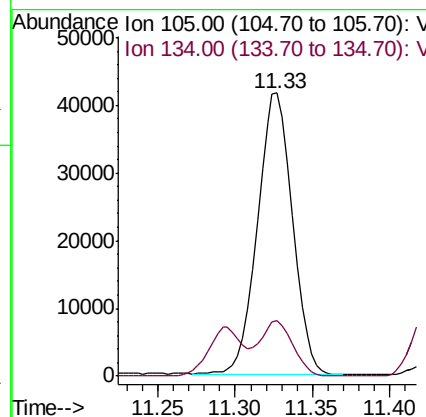
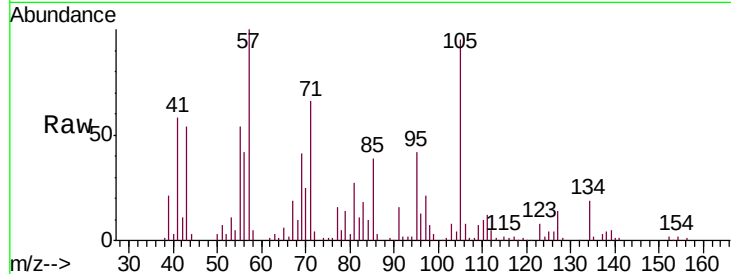
#85
 sec-Butylbenzene
 Concen: 7.852 ug/l
 RT: 11.33 min Scan# 3158
 Delta R.T. 0.01 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

Tgt Ion:105 Resp: 65472
 Ion Ratio Lower Upper
 105 100
 134 17.8 9.2 27.6

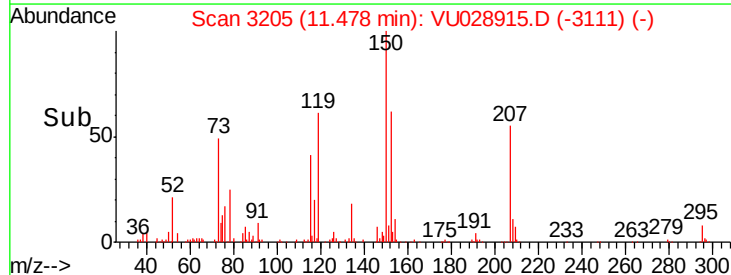
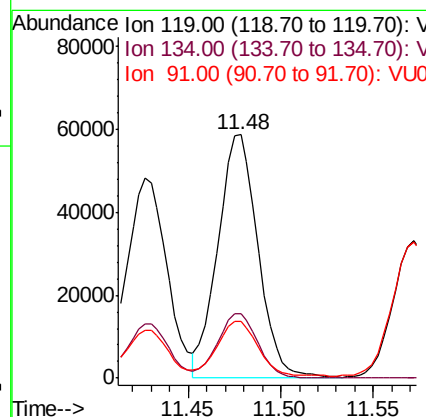
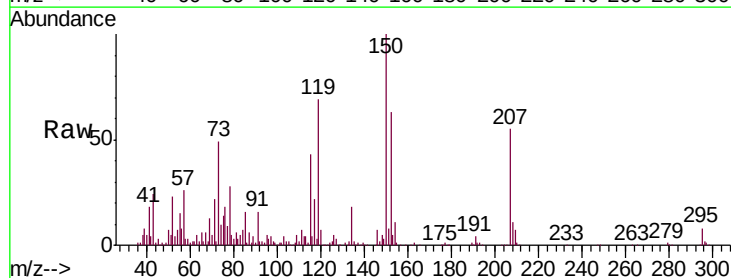
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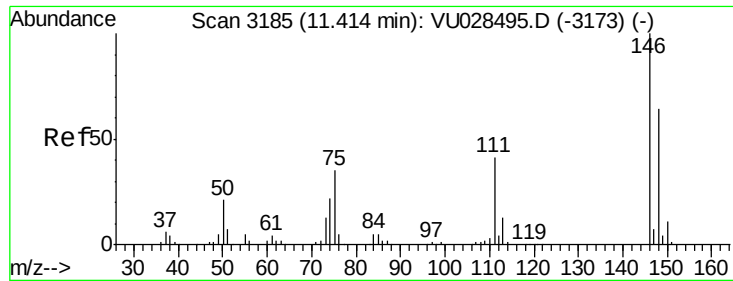
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#86
 p-Isopropyltoluene
 Concen: 12.497 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Tgt Ion:119 Resp: 88517
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.7 38.1
 91 21.7 12.6 37.6





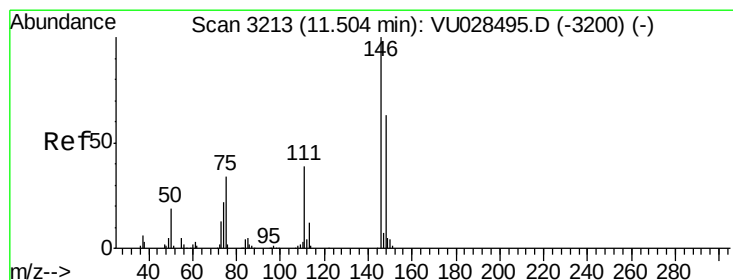
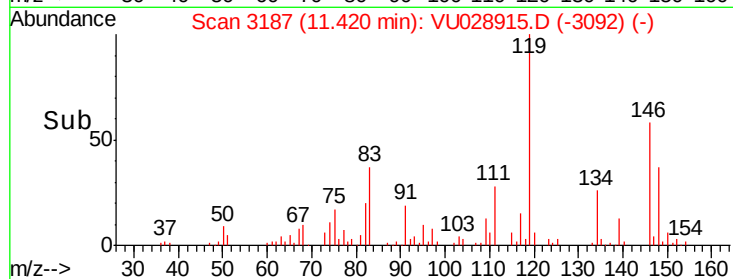
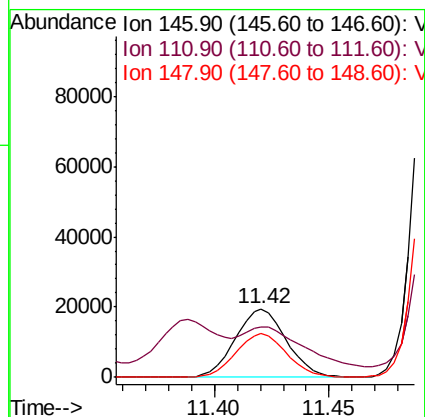
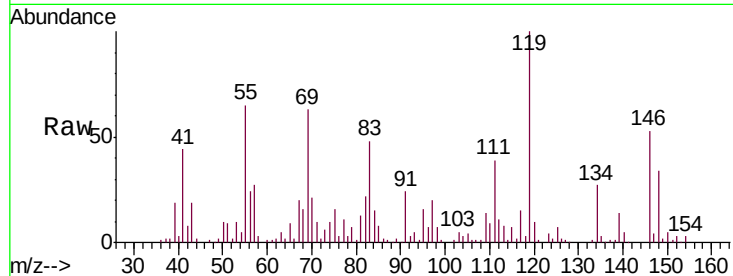
#87
 1,3-Dichlorobenzene
 Concen: 8.417 ug/l m
 RT: 11.42 min Scan# 3187
 Delta R.T. 0.01 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Instrument :
 MSVOA_U
 ClientSampleId :
 P001-SS013B-4248-01ME

Tgt Ion:146 Resp: 30241
 Ion Ratio Lower Upper
 146 100
 111 1324.4 20.7 62.1
 148 2179.9 31.9 95.7

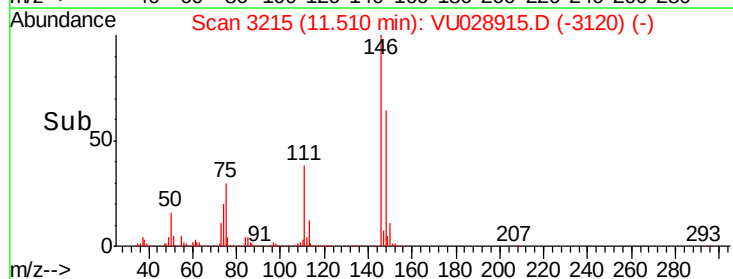
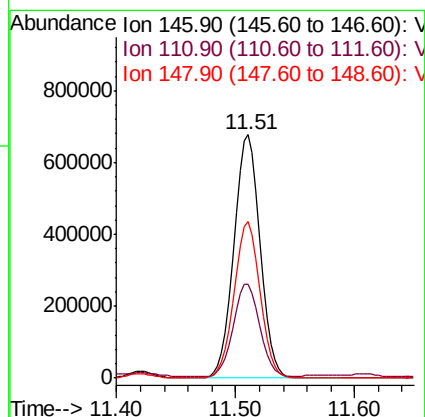
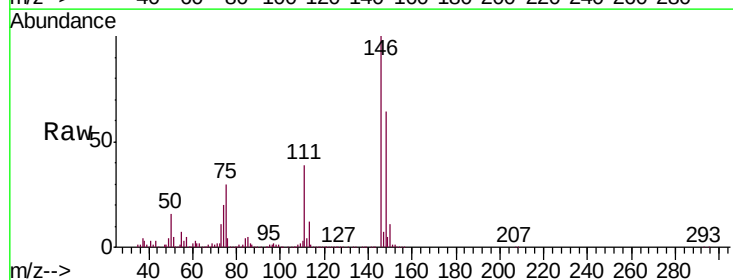
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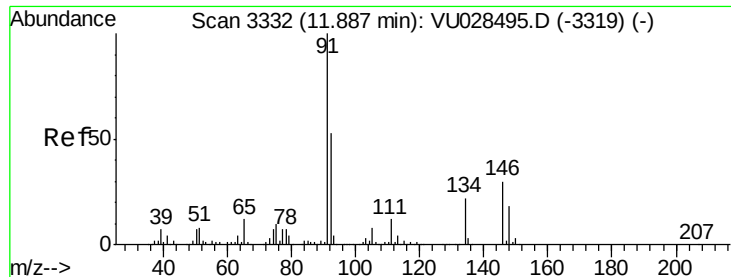
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#88
 1,4-Dichlorobenzene
 Concen: 277.146 ug/l
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.01 min
 Lab File: VU028915.D
 Acq: 22 Dec 2018 15:24

Tgt Ion:146 Resp: 1030165
 Ion Ratio Lower Upper
 146 100
 111 38.9 20.2 60.5
 148 64.0 31.6 95.0





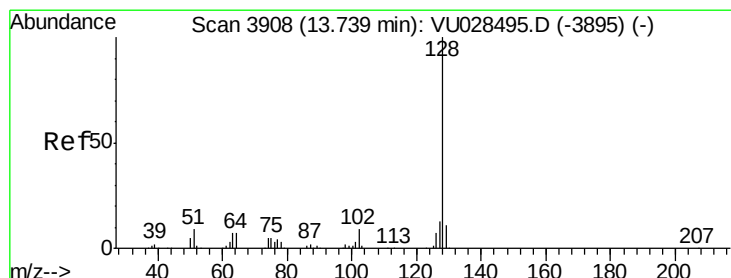
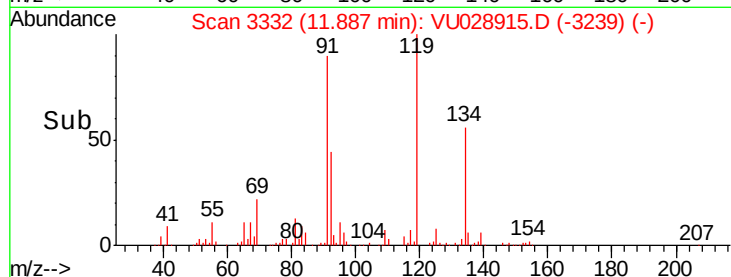
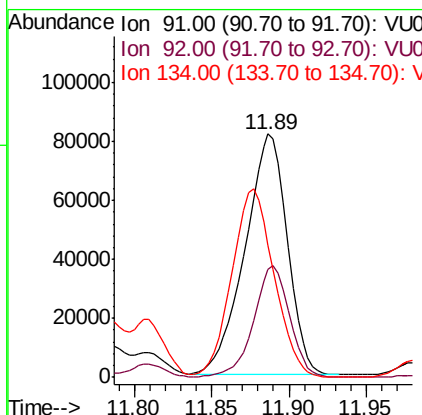
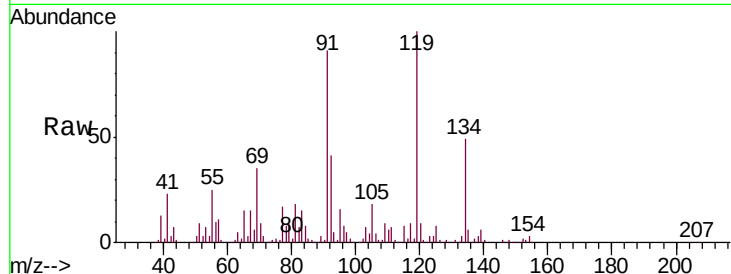
#89
n-Butylbenzene
Concen: 21.659 ug/l
RT: 11.89 min Scan# 3332
Delta R.T. -0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Instrument :
MSVOA_U
ClientSampleId :
P001-SS013B-4248-01ME

Tgt Ion	Ratio	Lower	Upper
91	100		
92	39.4	26.3	78.9
134	77.6	11.3	33.8#

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#95
Naphthalene
Concen: 107.901 ug/l
RT: 13.74 min Scan# 3909
Delta R.T. 0.00 min
Lab File: VU028915.D
Acq: 22 Dec 2018 15:24

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.4	15.6
129	11.3	8.6	13.0

