

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027427.D
 Acq On : 04 Oct 2018 22:43
 Operator : MD/SY
 Sample : J5165-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:52:37 PM

Quant Time: Oct 05 08:25:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	117213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	199880	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	192035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	109913	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	112341	57.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.80%	
35) Dibromofluoromethane	4.89	113	80523	58.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.56%	
50) Toluene-d8	7.57	98	308009	60.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.16%	
62) 4-Bromofluorobenzene	10.31	95	117573	61.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.42%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	2.83	59	3450	8.370	ug/l #	84
16) Acetone	2.32	43	59946	51.844	ug/l	99
17) Carbon Disulfide	2.48	76	12266	2.747	ug/l	100
18) Methyl Acetate	2.62	43	3624	1.374	ug/l	96
25) 2-Butanone	4.27	43	17332	10.992	ug/l	95
27) cis-1,2-Dichloroethene	4.23	96	1907	1.200	ug/l	98
67) Ethyl Benzene	9.25	91	4724	0.660	ug/l	91
69) o-Xylene	9.78	106	2042	0.820	ug/l	71
73) Isopropylbenzene	10.17	105	298646	37.411	ug/l	99
78) n-propylbenzene	10.59	91	307478	32.054	ug/l	100
83) tert-Butylbenzene	11.10	119	42311	6.734	ug/l	91
84) 1,2,4-Trimethylbenzene	11.15	105	166563	25.089	ug/l	100
85) sec-Butylbenzene	11.32	105	199254	25.170	ug/l	99
86) p-Isopropyltoluene	11.48	119	39424	5.816	ug/l	99
89) n-Butylbenzene	11.89	91	50366m	8.679	ug/l	

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

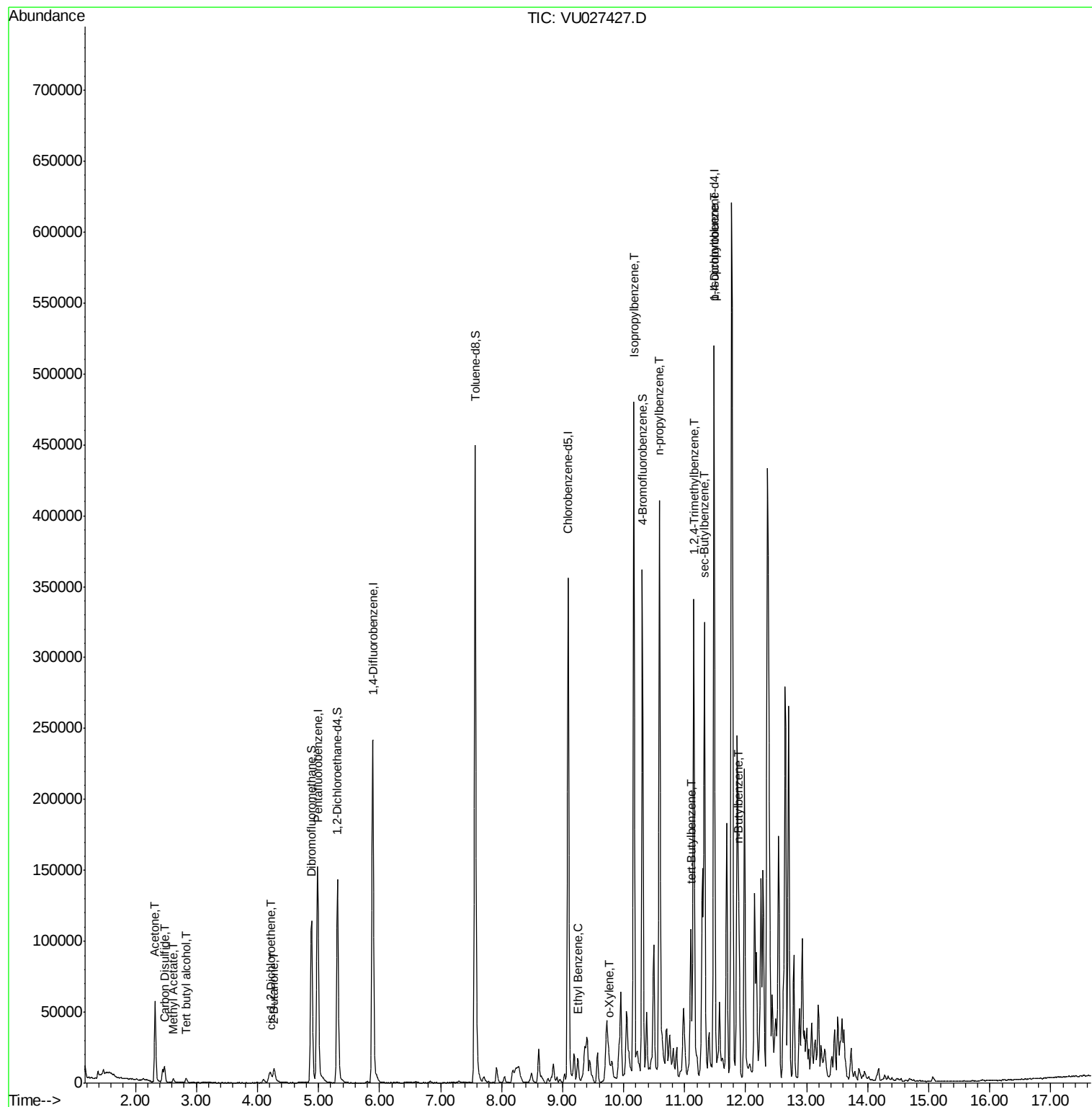
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU100418\
Data File : VU027427.D
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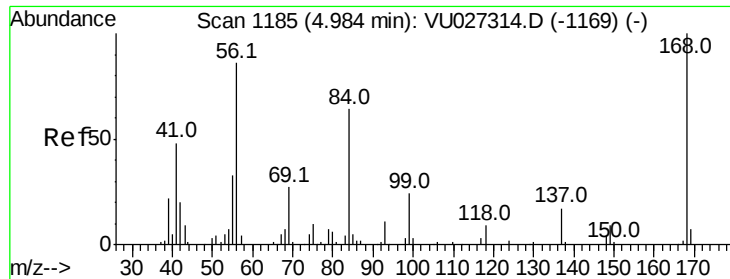
Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-G-092718

Manual Integrations
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Quant Time: Oct 05 08:25:45 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 02 02:04:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-G-092718

Tot Ion:168 Resp: 117213

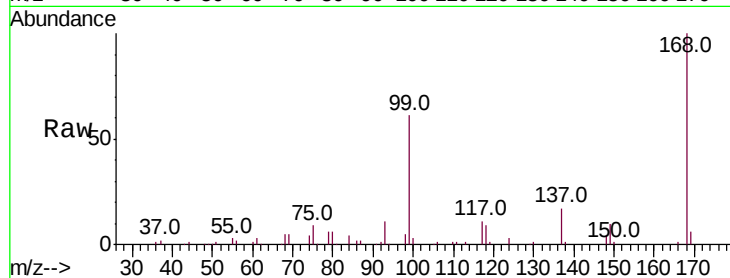
Ion Ratio Lower Upper

168 100

99 61.3 50.8 76.2

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Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

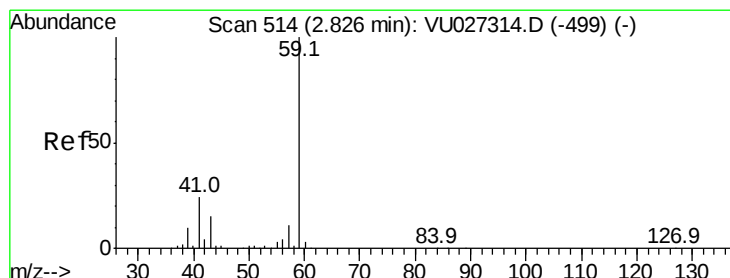
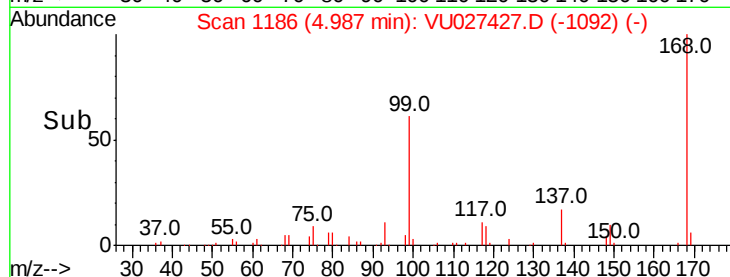
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#11

Tert butyl alcohol

Concen: 8.370 ug/l

RT: 2.83 min Scan# 516

Delta R.T. 0.01 min

Lab File: VU027427.D

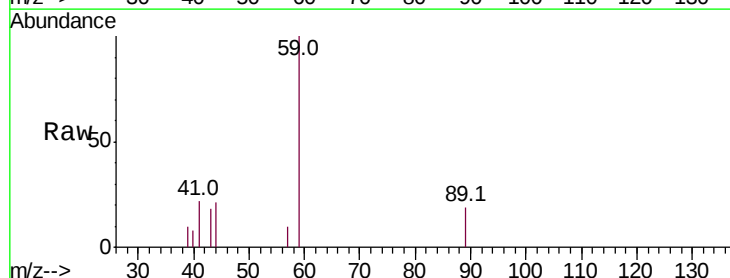
Acq: 04 Oct 2018 22:43

Tgt Ion: 59 Resp: 3450

Ion Ratio Lower Upper

59 100

57 4.5 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VU027314.D (-499) (-)

Ion 57.00 (56.70 to 57.70): VU027314.D (-499) (-)

2.83

1500

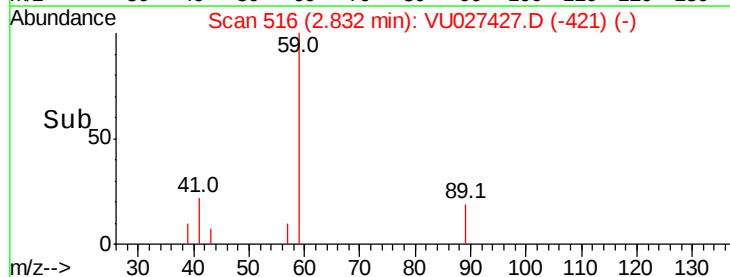
1000

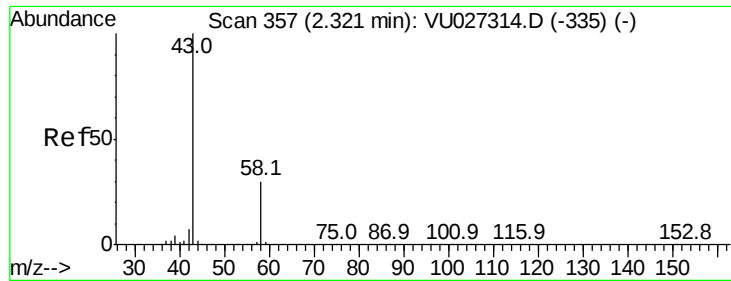
500

0

2.80 2.85 2.90

Time-->





#16

Acetone

Concen: 51.844 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-G-092718

Tot Ion: 43 Resp: 59946

Ion Ratio Lower Upper

43 100

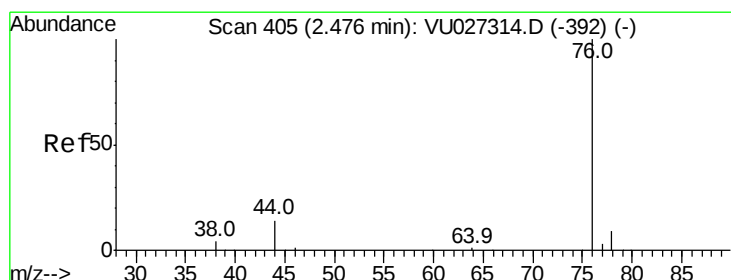
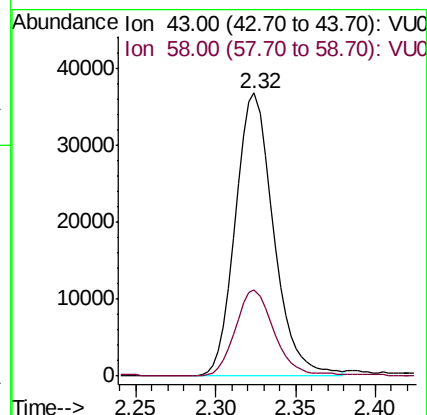
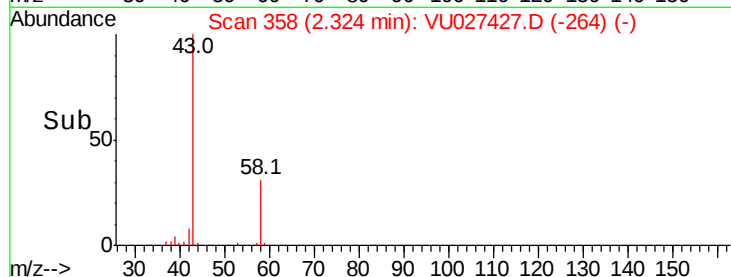
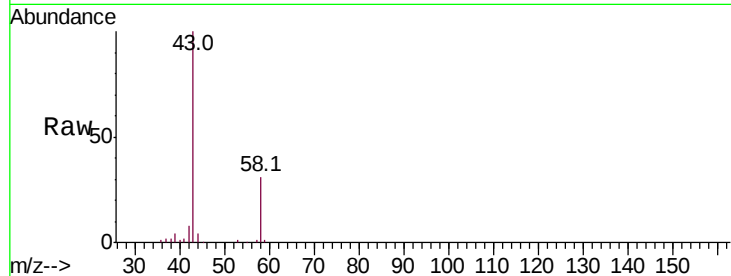
58 30.7 24.2 36.4

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#17

Carbon Disulfide

Concen: 2.747 ug/l

RT: 2.48 min Scan# 406

Delta R.T. 0.00 min

Lab File: VU027427.D

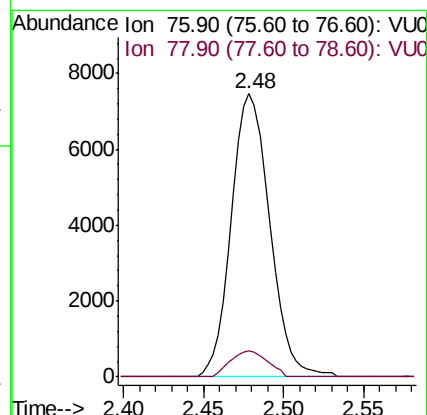
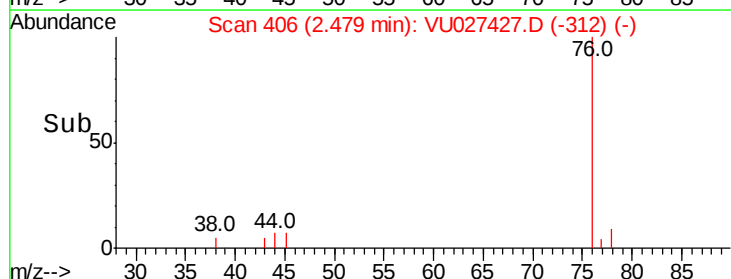
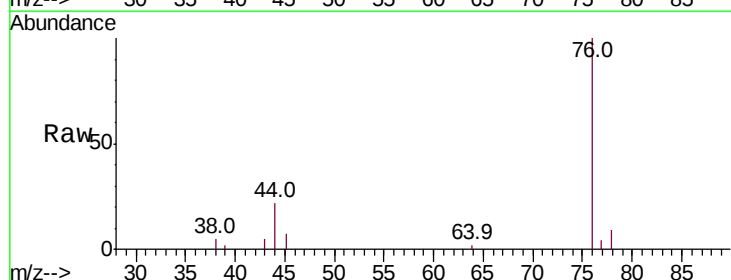
Acq: 04 Oct 2018 22:43

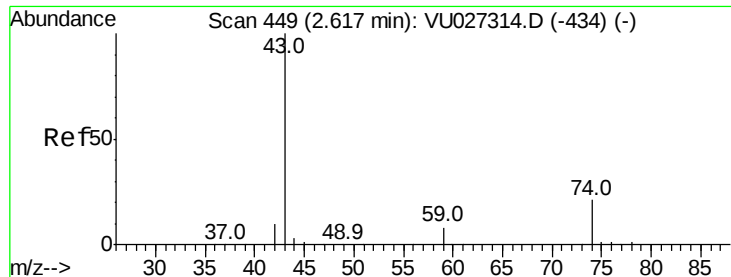
Tgt Ion: 76 Resp: 12266

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





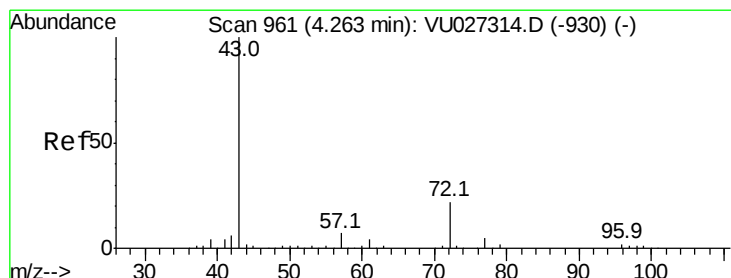
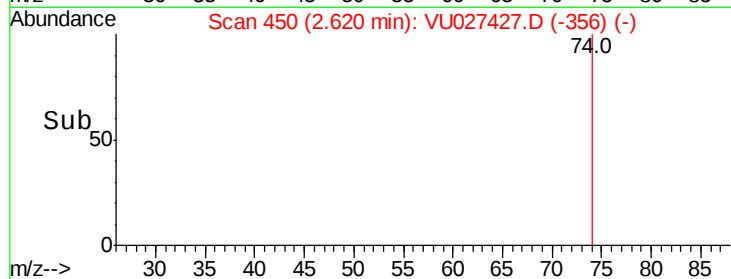
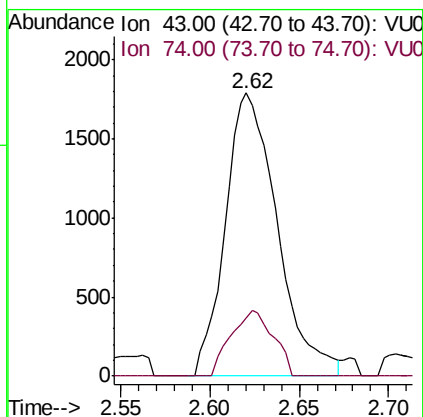
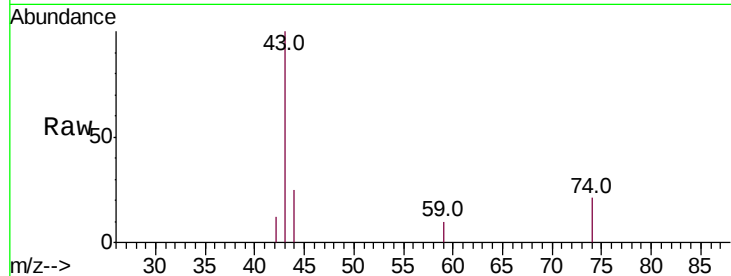
#18
Methvl Acetate
Concen: 1.374 ug/l
RT: 2.62 min Scan# 450
Delta R.T. 0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-G-092718

Tot Ion: 43 Resp: 3624
Ion Ratio Lower Upper
43 100
74 18.8 16.5 24.7

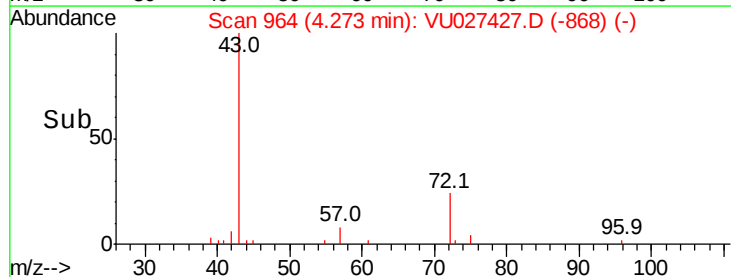
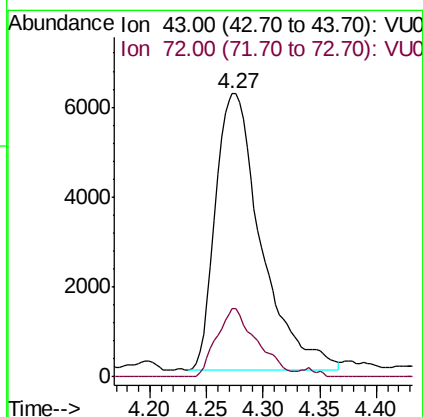
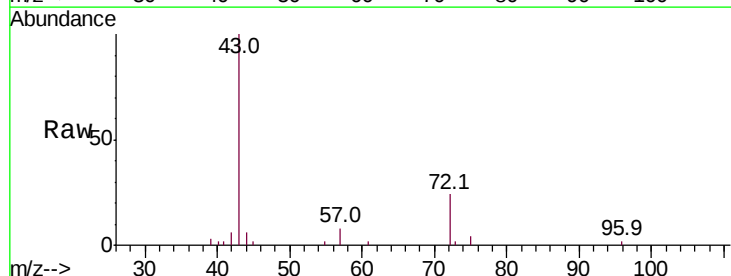
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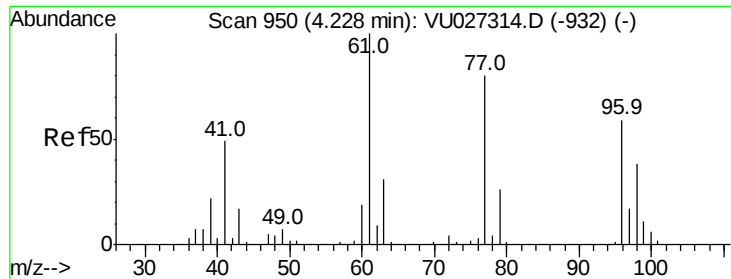
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#25
2-Butanone
Concen: 10.992 ug/l
RT: 4.27 min Scan# 964
Delta R.T. 0.01 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Tgt Ion: 43 Resp: 17332
Ion Ratio Lower Upper
43 100
72 24.5 17.8 26.6





#27

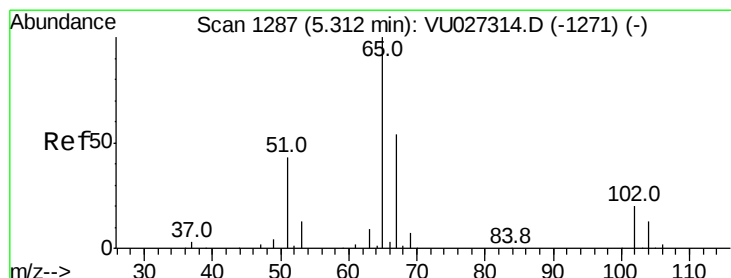
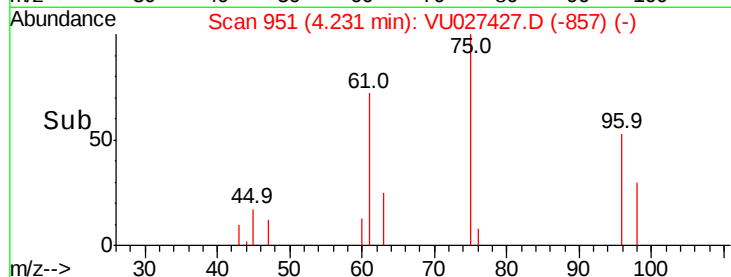
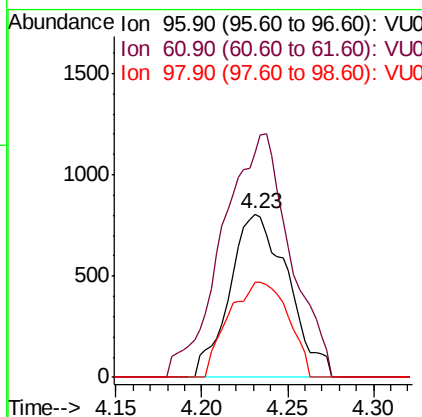
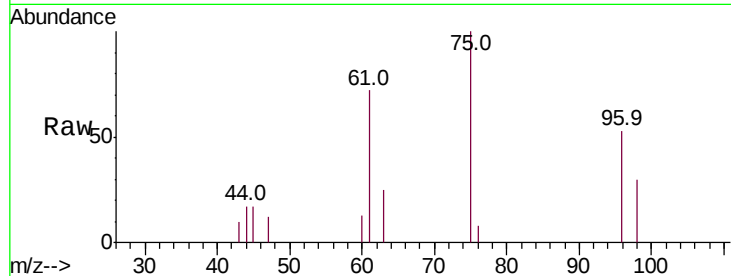
cis-1,2-Dichloroethene
 Concen: 1.200 ug/l
 RT: 4.23 min Scan# 951
 Delta R.T. 0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

Tot Ion	Ratio	Lower	Upper
96	100		
61	172.7	0.0	343.8
98	59.1	0.0	129.0

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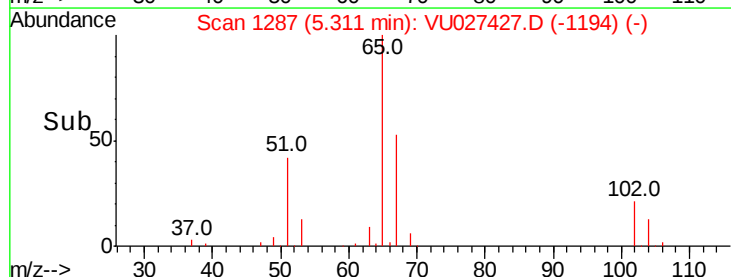
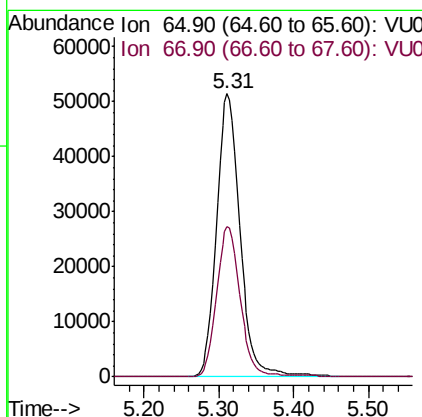
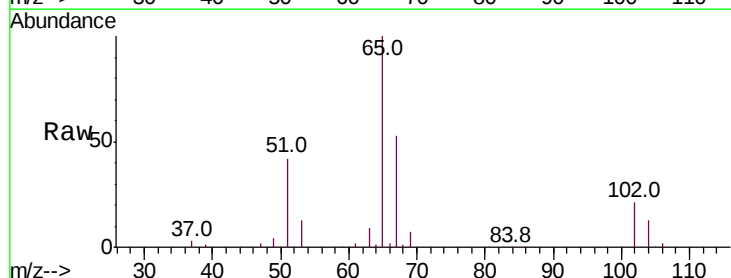
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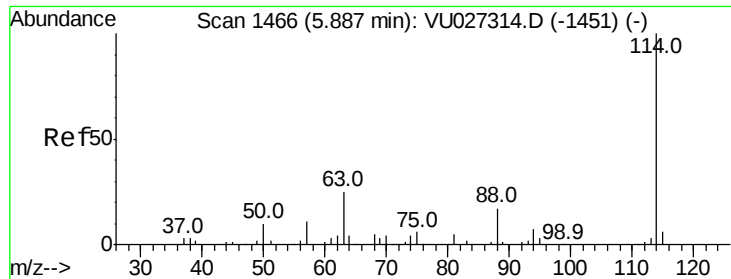


#33

1,2-Dichloroethane-d4
 Concen: 57.397 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	107.8





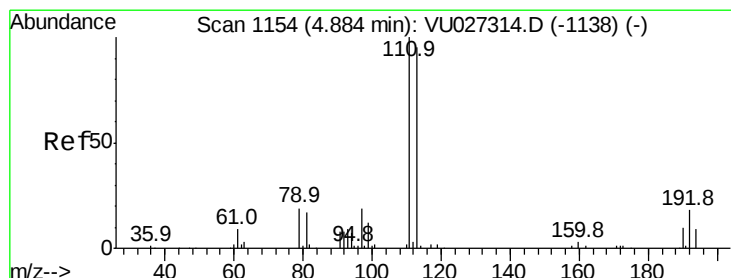
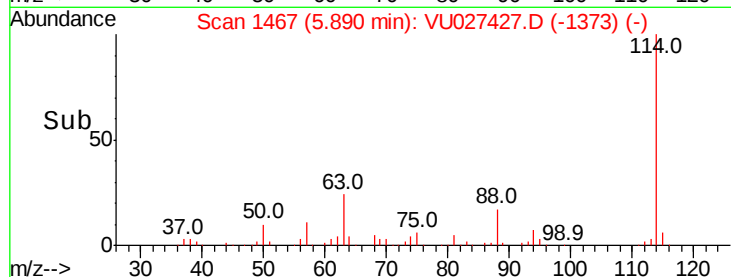
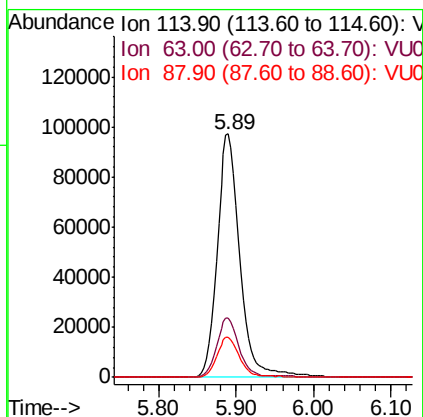
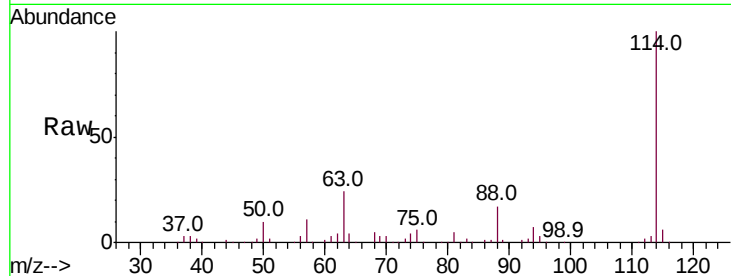
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	24.1	0.0	50.2
88	16.5	0.0	33.8

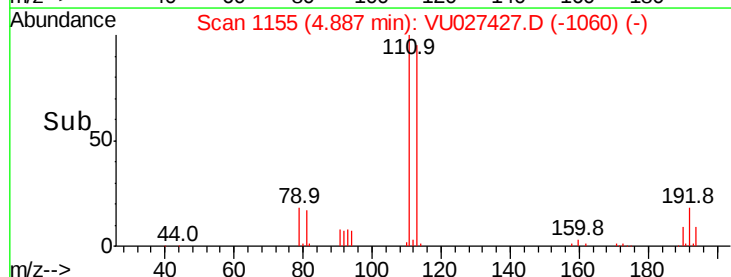
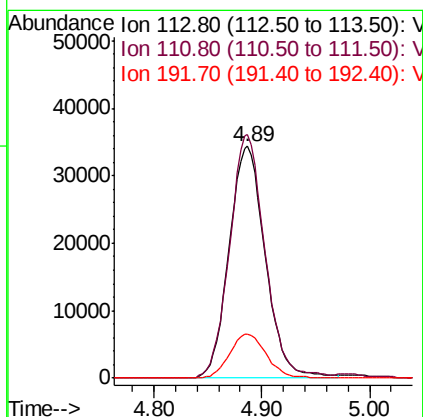
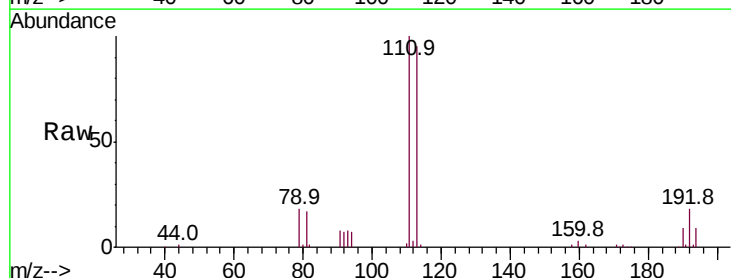
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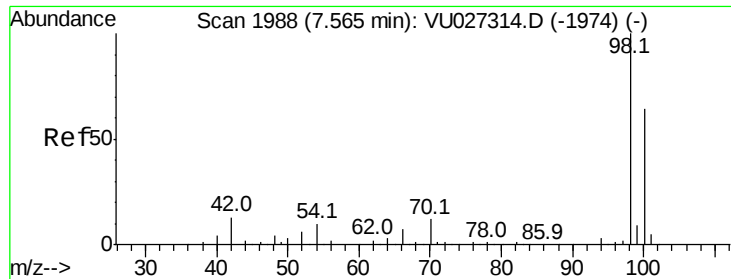
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#35
 Dibromofluoromethane
 Concen: 58.783 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	102.5	83.1	124.7
192	19.1	15.4	23.0





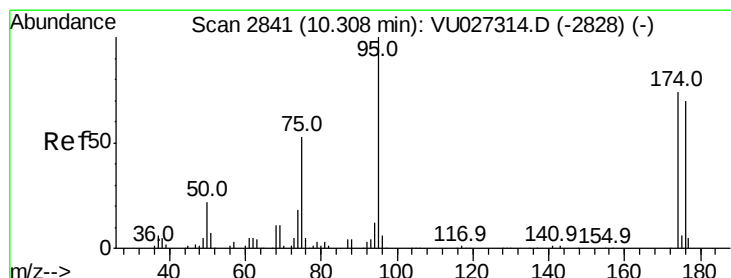
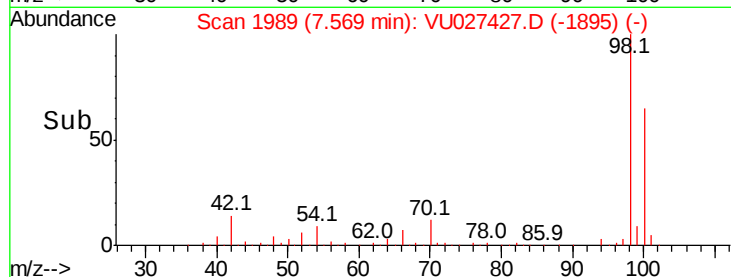
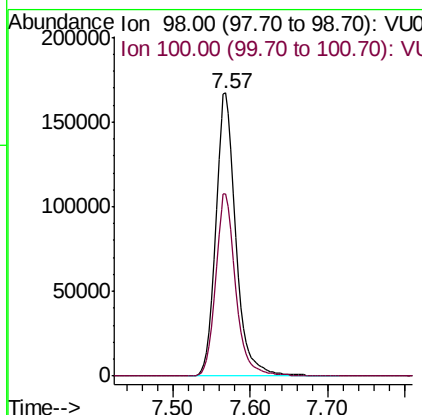
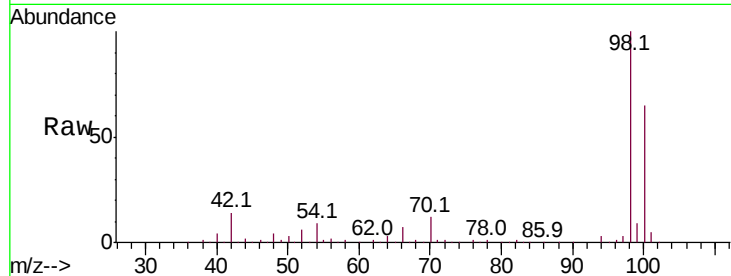
#50
Toluene-d8
Concen: 60.077 ug/l
RT: 7.57 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-G-092718

Tot Ion: 98 Resp: 308009
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

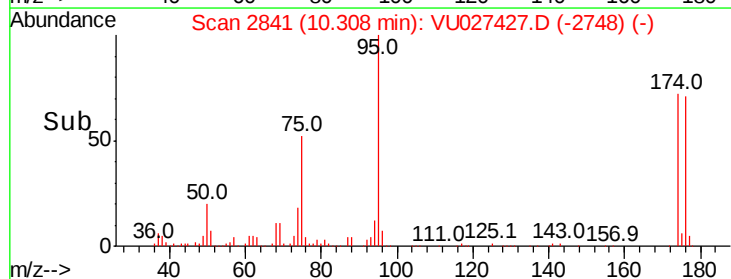
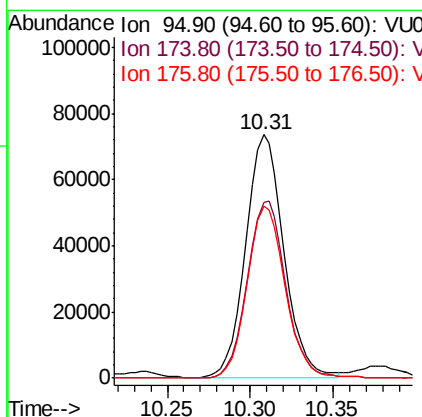
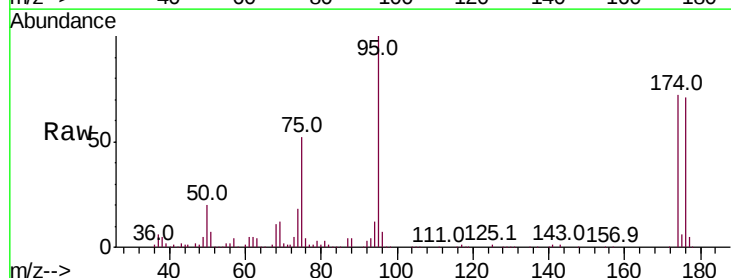
Manual Integrations
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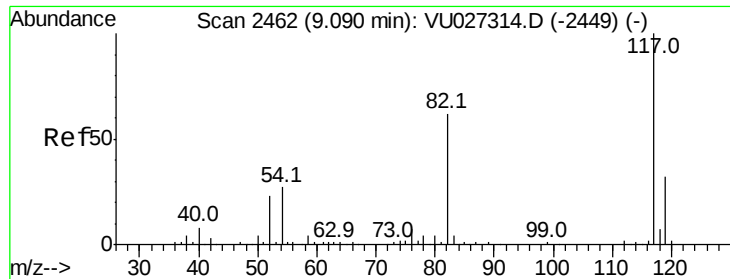
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#62
4-Bromofluorobenzene
Concen: 61.707 ug/l
RT: 10.31 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Tgt Ion: 95 Resp: 117573
Ion Ratio Lower Upper
95 100
174 73.9 0.0 147.8
176 71.2 0.0 140.8





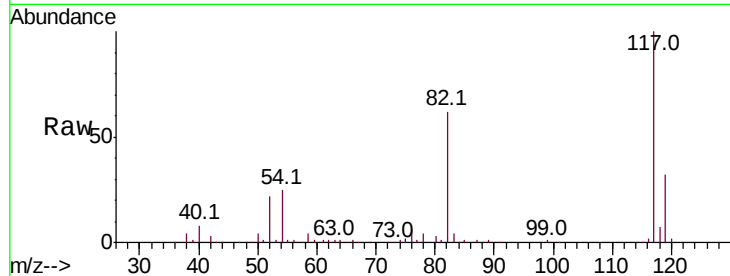
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2463
Delta R.T. 0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Instrument :
MSVOA_U
ClientSampleId :
EP1-MW-G-092718

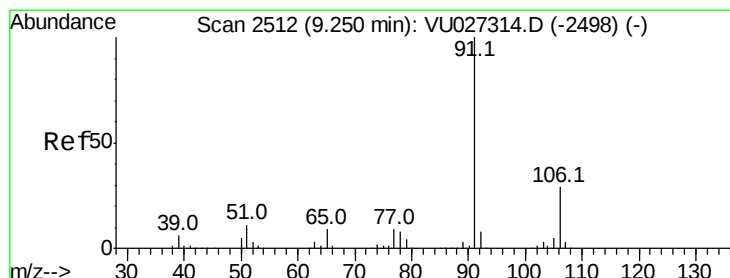
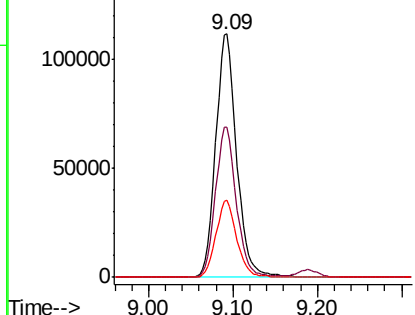
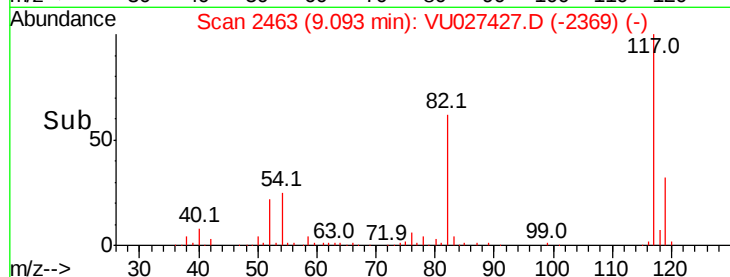
Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	49.2	73.8
119	31.6	25.7	38.5

Manual Integrations
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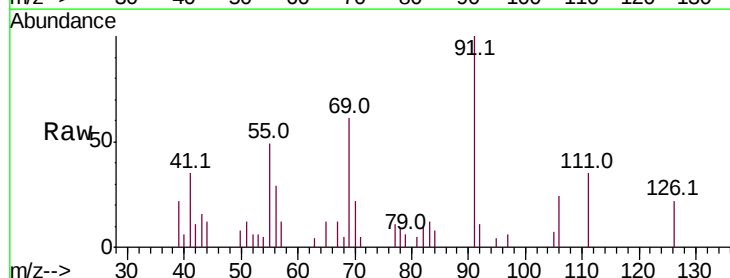


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VU0
Ion 118.90 (118.60 to 119.60): V

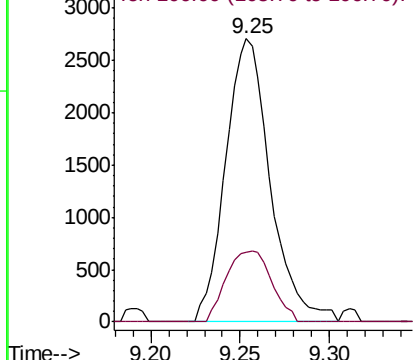
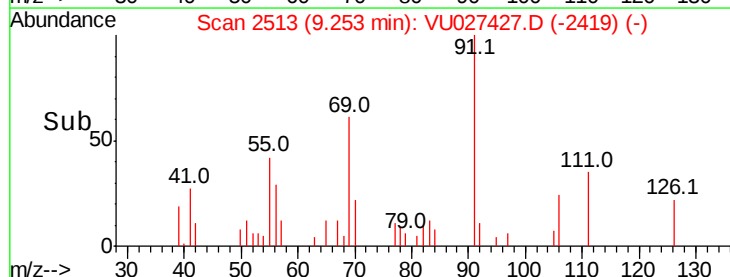


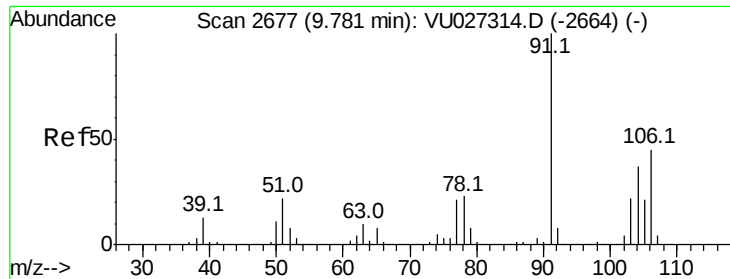
#67
Ethyl Benzene
Concen: 0.660 ug/l
RT: 9.25 min Scan# 2513
Delta R.T. 0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Tgt Ion	Ratio	Lower	Upper
91	100		
106	24.5	23.6	35.4



Abundance Ion 91.00 (90.70 to 91.70): VU0
Ion 106.00 (105.70 to 106.70): V





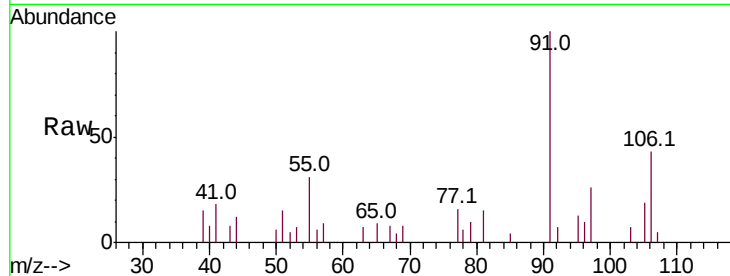
#69
o-Xylene
Concen: 0.820 ug/l
RT: 9.78 min Scan# 2676
Delta R.T. -0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Instrument :
MSVOA_U
ClientSampleId :
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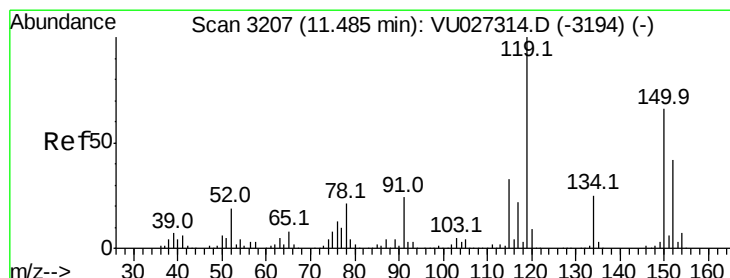
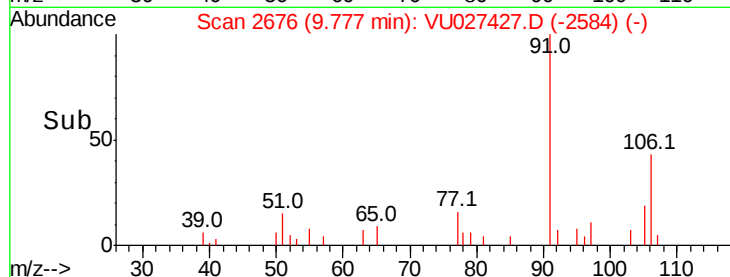
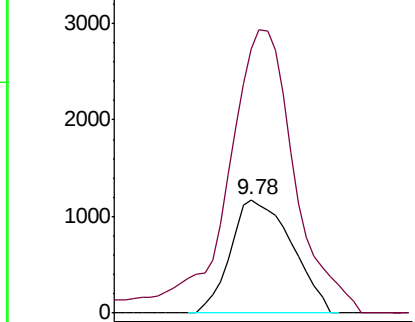
Tot Ion:106 Resp: 2042
Ion Ratio Lower Upper
106 100
91 270.0 111.7 334.9

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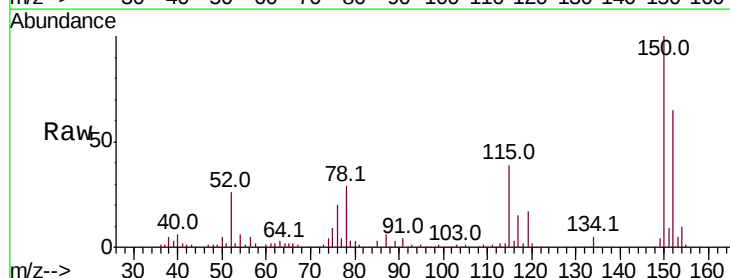


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

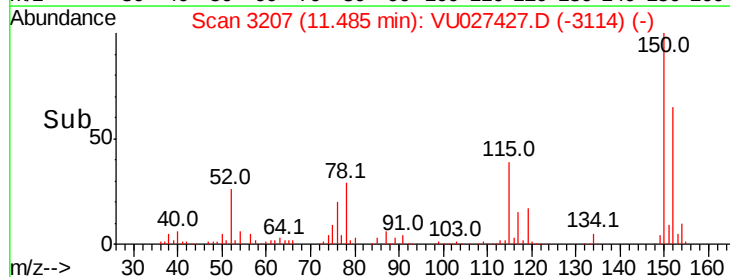
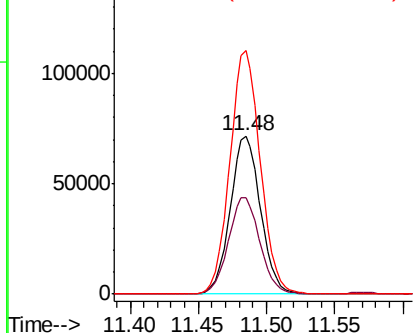


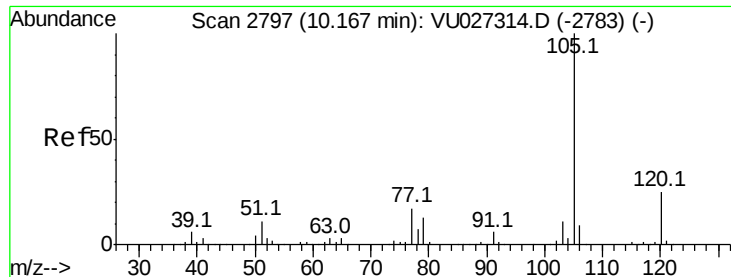
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. -0.00 min
Lab File: VU027427.D
Acq: 04 Oct 2018 22:43

Tgt Ion:152 Resp: 109913
Ion Ratio Lower Upper
152 100
115 63.1 43.4 130.2
150 155.1 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
150000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 37.411 ug/l

RT: 10.17 min Scan# 2797

Delta R.T. -0.00 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-G-092718

Tot Ion: 105 Resp: 298646

Ion Ratio Lower Upper

105 100

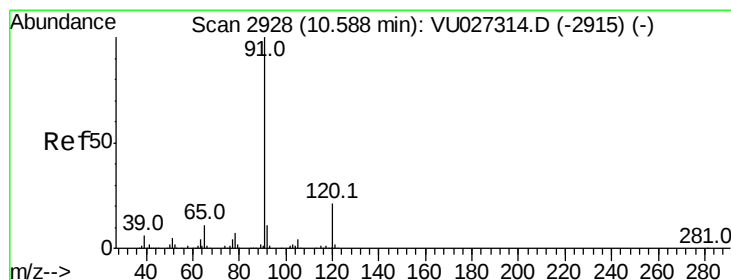
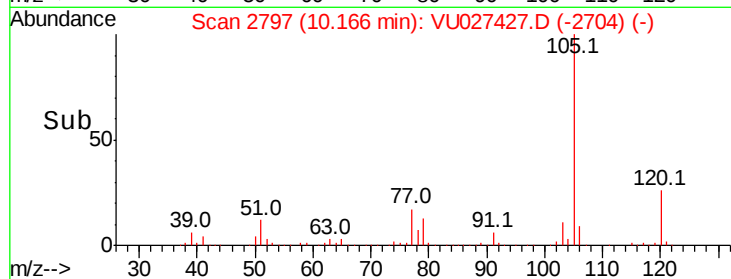
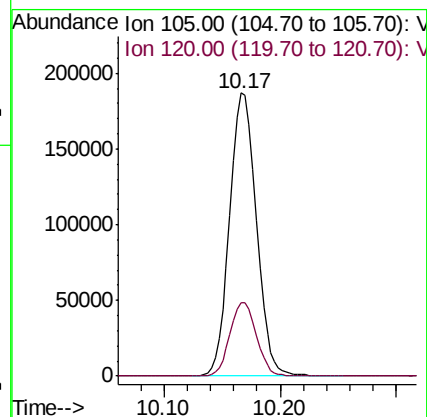
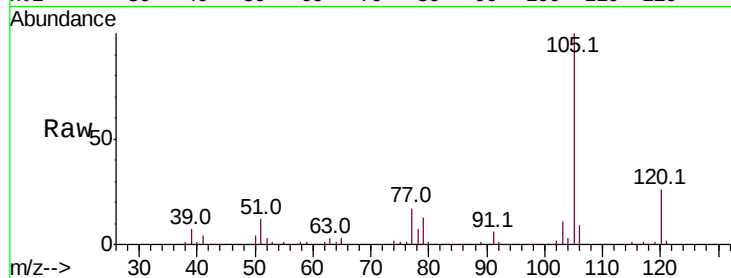
120 25.9 12.6 37.8

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#78

n-propylbenzene

Concen: 32.054 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. -0.00 min

Lab File: VU027427.D

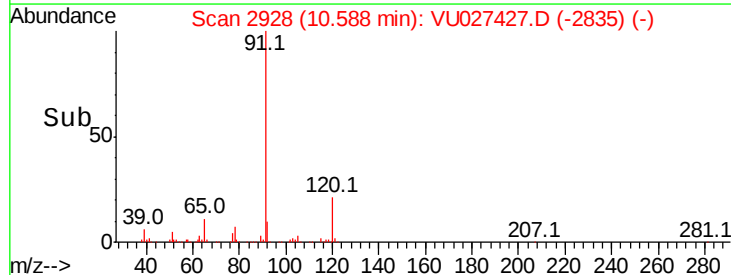
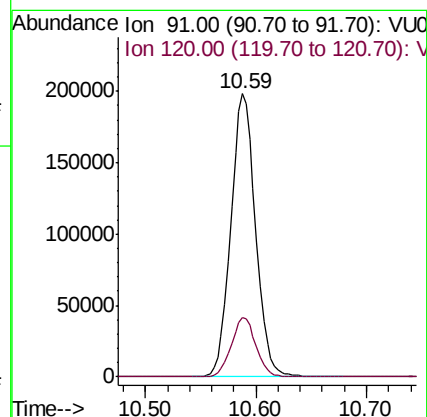
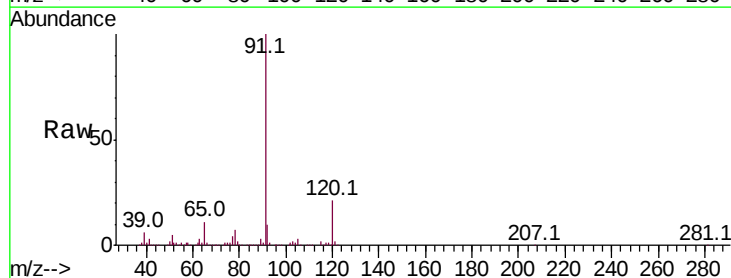
Acq: 04 Oct 2018 22:43

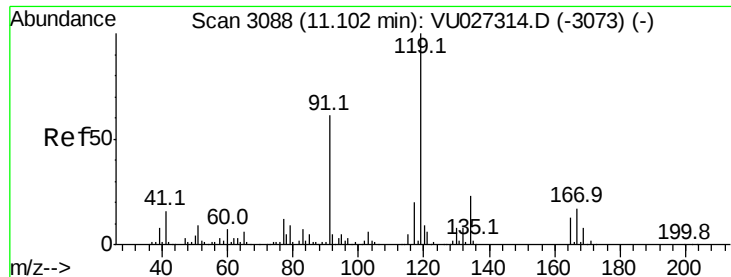
Tgt Ion: 91 Resp: 307478

Ion Ratio Lower Upper

91 100

120 21.0 10.6 31.8





#83

tert-Butylbenzene

Concen: 6.734 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. -0.00 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :

MSVOA_U

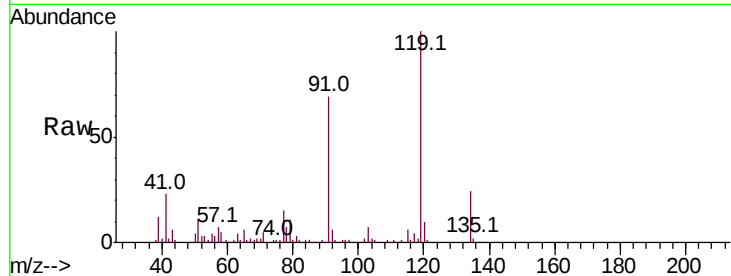
ClientSampleId :

EP1-MW-G-092718

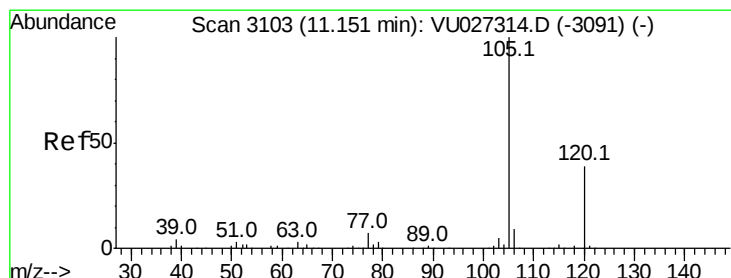
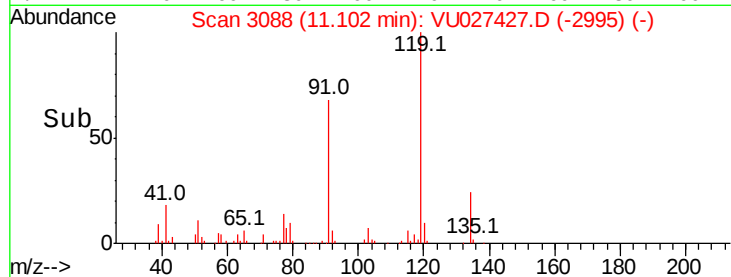
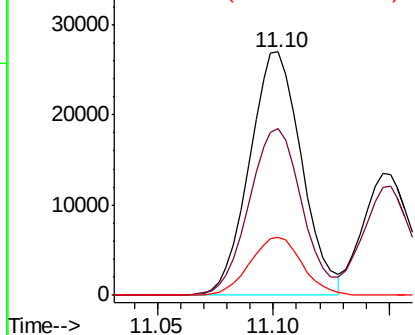
Tot Ion:	119	Resp:	42311
Ion Ratio	Lower	Upper	
119	100		
91	69.8	30.3	91.0
134	23.8	11.5	34.4

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 25.089 ug/l

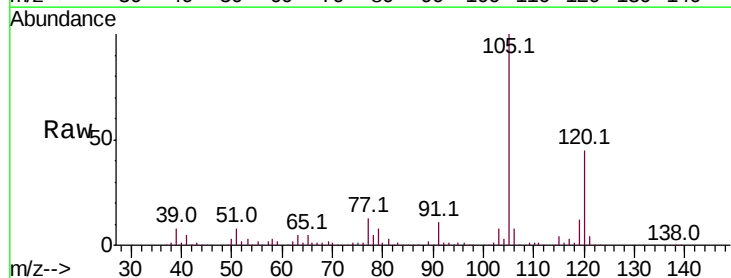
RT: 11.15 min Scan# 3103

Delta R.T. -0.00 min

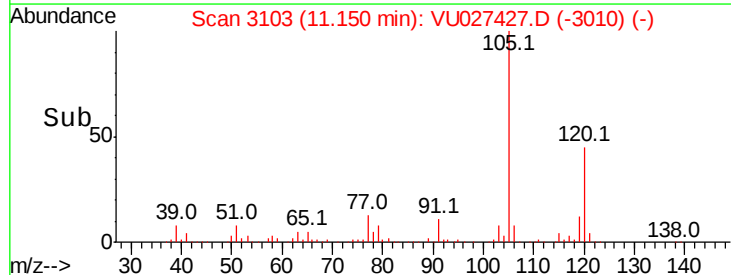
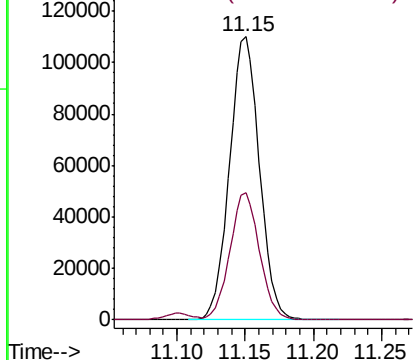
Lab File: VU027427.D

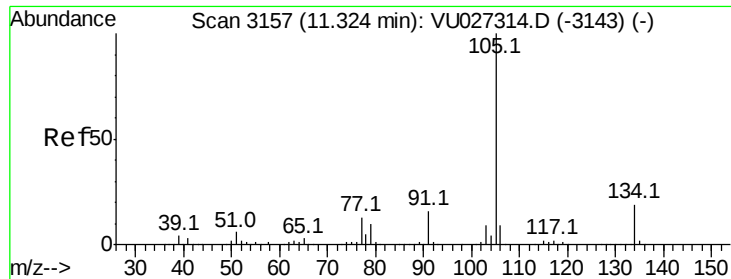
Acq: 04 Oct 2018 22:43

Tgt Ion:	105	Resp:	166563
Ion Ratio	Lower	Upper	
105	100		
120	44.5	22.1	66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





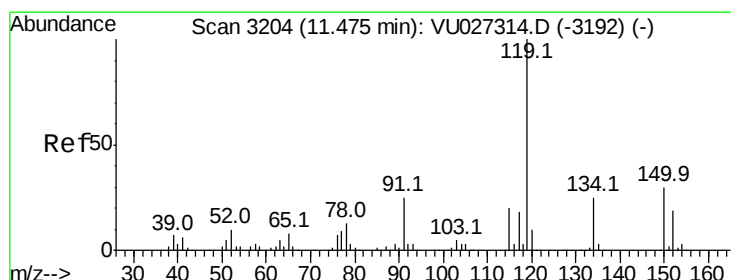
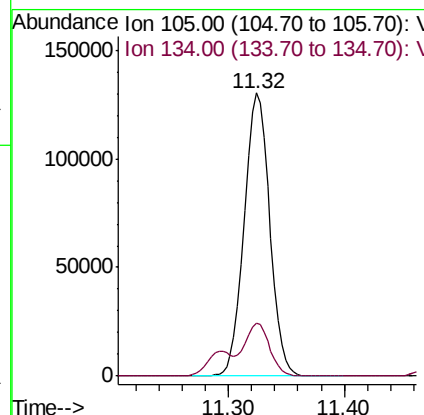
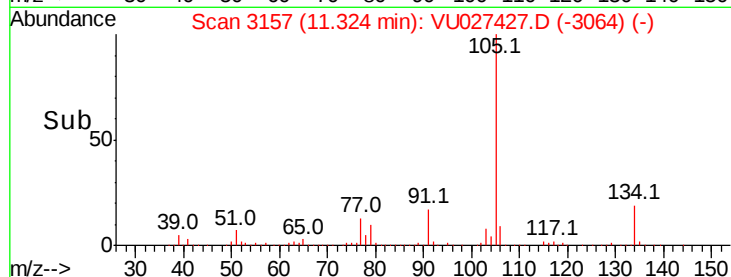
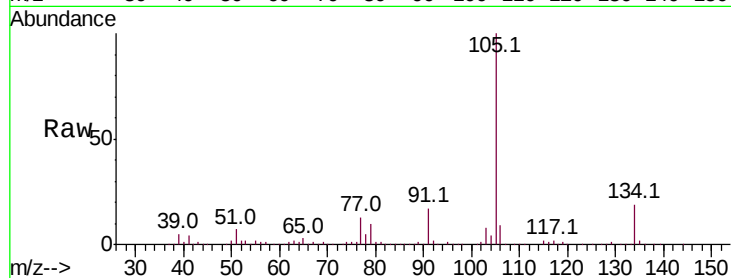
#85
 sec-Butylbenzene
 Concen: 25.170 ug/l
 RT: 11.32 min Scan# 3157
 Delta R.T. -0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Instrument :
 MSVOA_U
 ClientSampleId :
 EP1-MW-G-092718

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.7	9.6	28.6

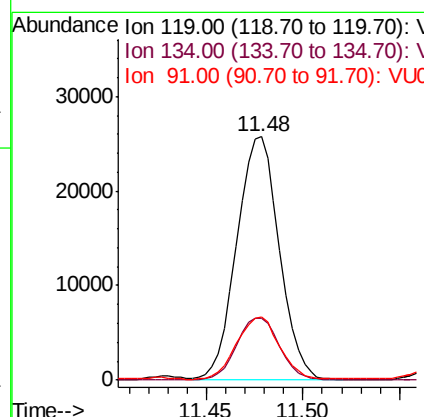
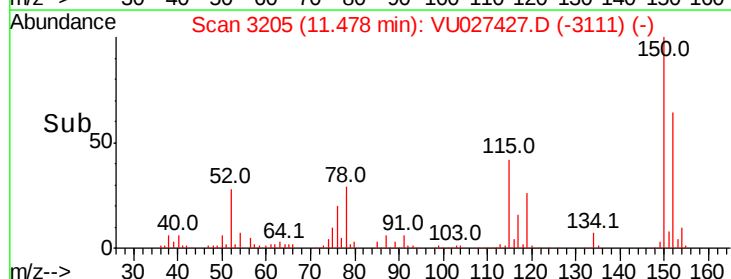
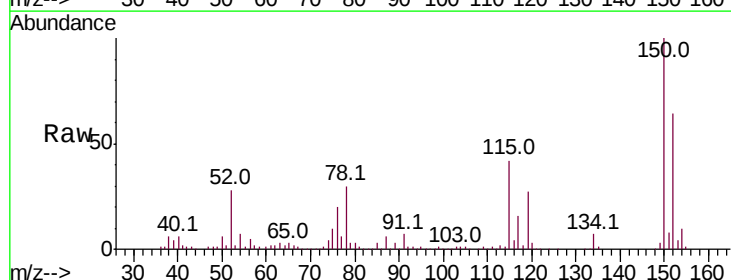
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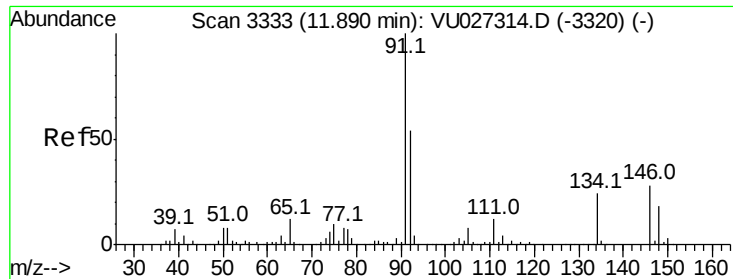
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#86
 p-Isopropyltoluene
 Concen: 5.816 ug/l
 RT: 11.48 min Scan# 3205
 Delta R.T. 0.00 min
 Lab File: VU027427.D
 Acq: 04 Oct 2018 22:43

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.7	38.1
91	25.4	12.2	36.4





#89

n-Butylbenzene

Concen: 8.679 ug/l m

RT: 11.89 min Scan# 3333

Delta R.T. -0.00 min

Lab File: VU027427.D

Acq: 04 Oct 2018 22:43

Instrument :

MSVOA_U

ClientSampleId :

EP1-MW-G-092718

Tot Ion:	91	Resp:	50366
Ion Ratio	Lower	Upper	
91	100		
92	60.6	27.0	81.0
134	0.0	11.7	35.1#

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