

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024699.D
 Acq On : 18 Jun 2018 18:13
 Operator : MD/SY
 Sample : J3463-17
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-4-9.0-061218

Manual Integrations
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 6/19/2018 1:55:04 PM

Quant Time: Jun 19 07:03:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	189470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	299259	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	281369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	148098	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	135027	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
35) Dibromofluoromethane	4.89	113	122309	49.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.50%	
50) Toluene-d8	7.57	98	442726	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
62) 4-Bromofluorobenzene	10.31	95	155962	43.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.33	43	10902	6.56	ug/l	94
19) Methyl tert-butyl Ether	3.00	73	53335	6.58	ug/l	95
31) Cyclohexane	5.00	56	21060	3.35	ug/l #	81
39) Methylcyclohexane	6.42	83	22928	5.22	ug/l	91
73) Isopropylbenzene	10.17	105	71740	6.31	ug/l	99
78) n-propylbenzene	10.59	91	83478	6.23	ug/l	97
83) tert-Butylbenzene	11.10	119	17985	1.90	ug/l	88
85) sec-Butylbenzene	11.33	105	68162	5.74	ug/l	96
89) n-Butylbenzene	11.89	91	12187m	1.29	ug/l	

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

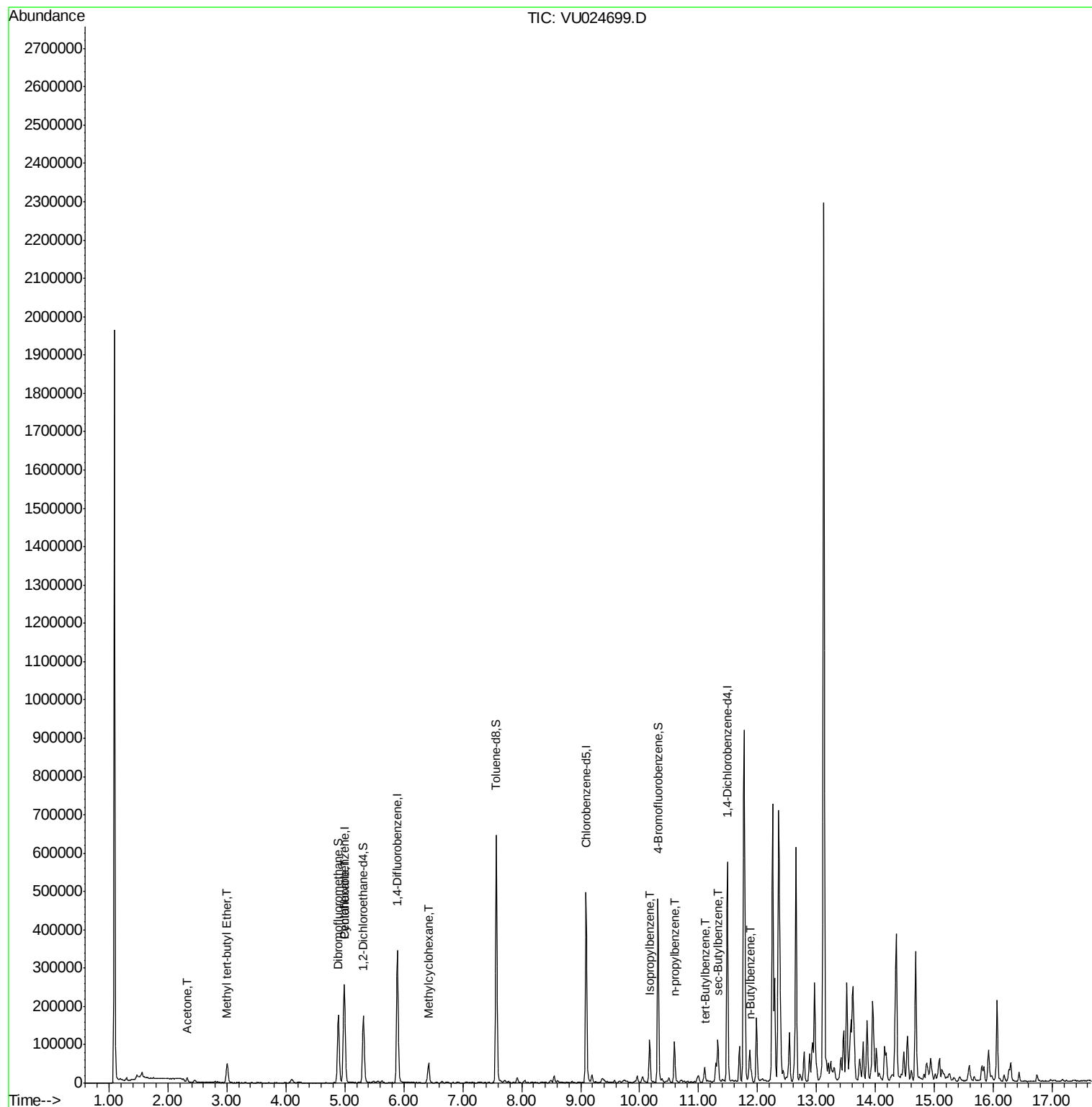
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
Data File : VU024699.D
Acq On : 18 Jun 2018 18:13
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T11-MW-4-9.0-061218

Manual Integrations
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Quant Time: Jun 19 07:03:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024699.D

Acq: 18 Jun 2018 18:13

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-4-9.0-061218

Tot Ion:168 Resp: 189470

Ion Ratio Lower Upper

168 100

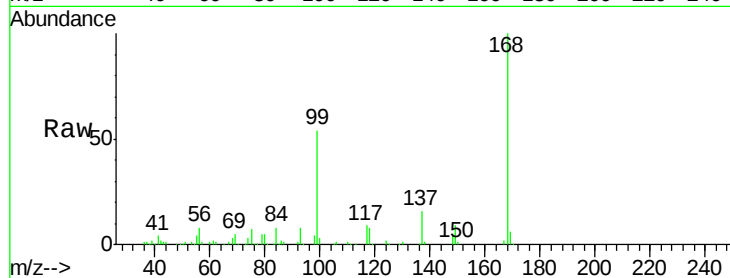
99 53.8 43.2 64.8

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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)

4.99

80000

60000

40000

20000

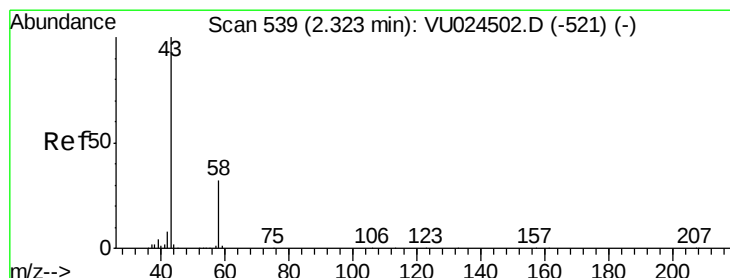
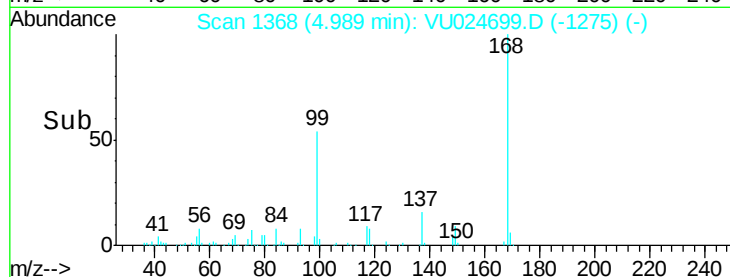
0

4.90

5.00

5.10

Time-->



#16

Acetone

Concen: 6.56 ug/l

RT: 2.33 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU024699.D

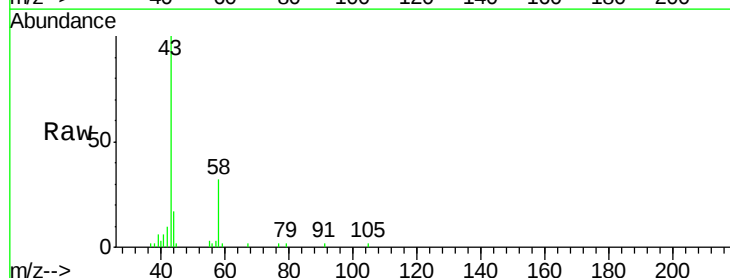
Acq: 18 Jun 2018 18:13

Tgt Ion: 43 Resp: 10902

Ion Ratio Lower Upper

43 100

58 33.6 24.4 36.6



Abundance Ion 43.00 (42.70 to 43.70): VU024502.D (-521) (-)

Ion 58.00 (57.70 to 58.70): VU024502.D (-521) (-)

2.33

8000

6000

4000

2000

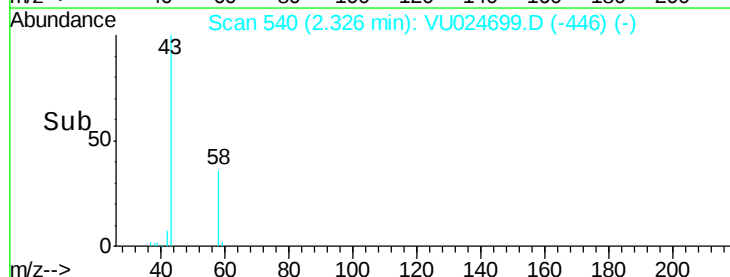
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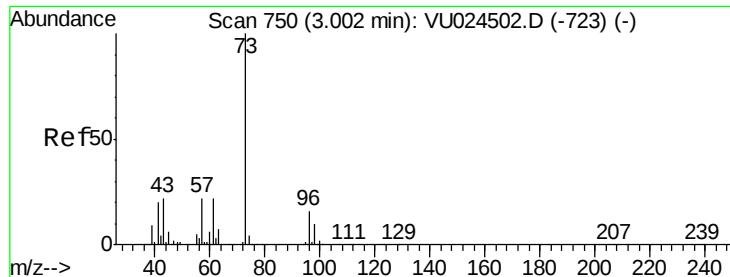
2.30

2.35

2.40

Time-->





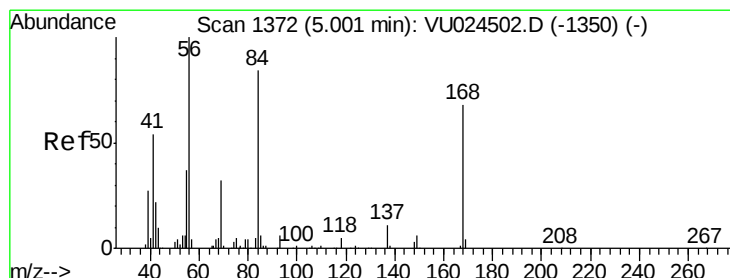
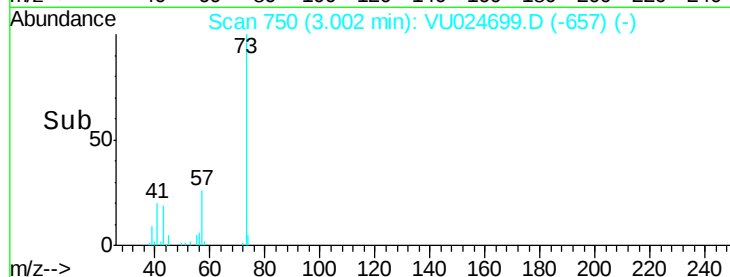
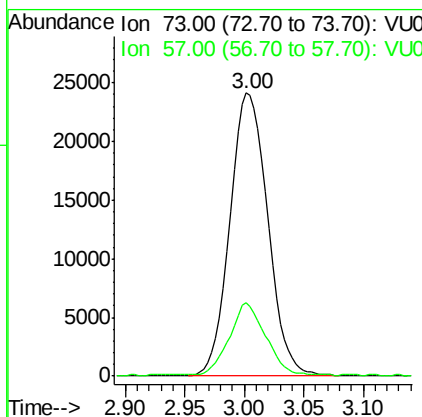
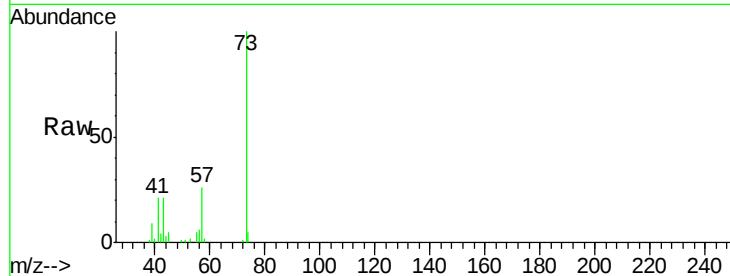
#19
Methvl tert-butvl Ether
Concen: 6.58 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU024699.D
Acq: 18 Jun 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-4-9.0-061218

Tot Ion	Ratio	Lower	Upper
73	100		
57	26.1	18.8	28.2

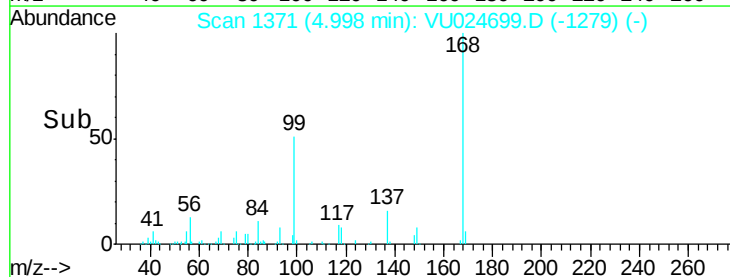
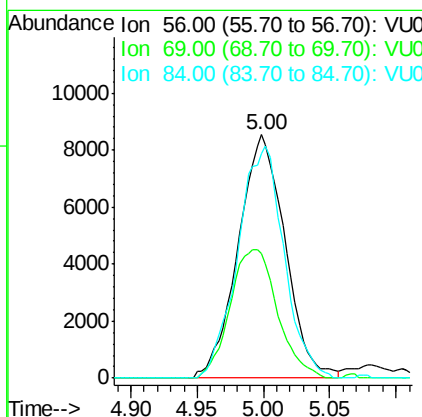
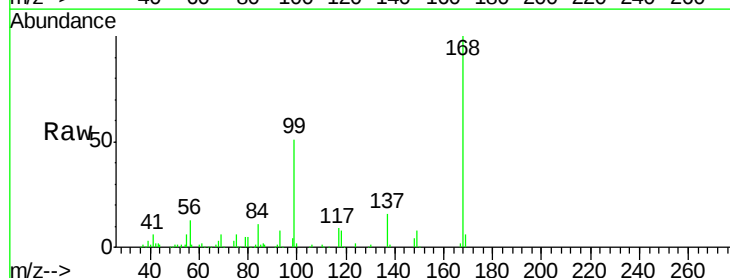
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#31
Cyclohexane
Concen: 3.35 ug/l
RT: 5.00 min Scan# 1371
Delta R.T. -0.00 min
Lab File: VU024699.D
Acq: 18 Jun 2018 18:13

Tgt Ion	Ratio	Lower	Upper
56	100		
69	51.1	24.8	37.2#
84	91.9	65.2	97.8





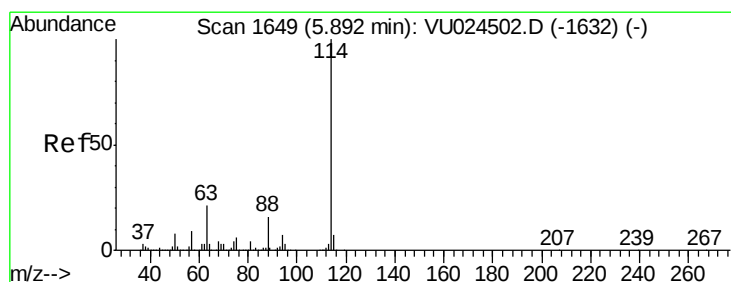
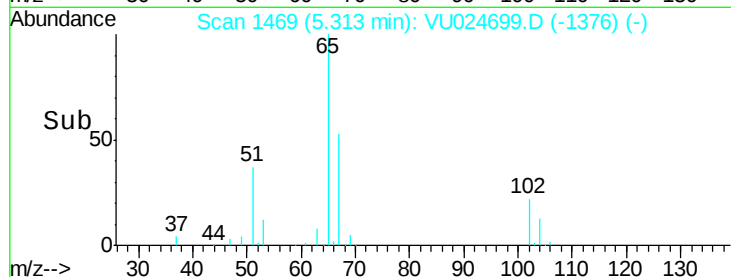
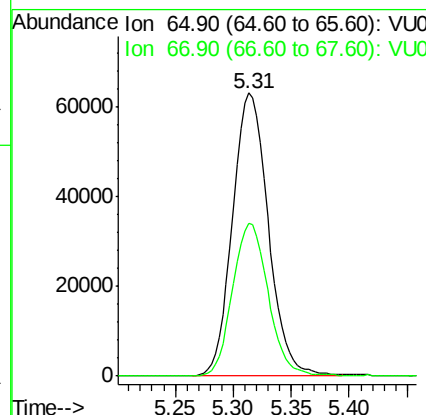
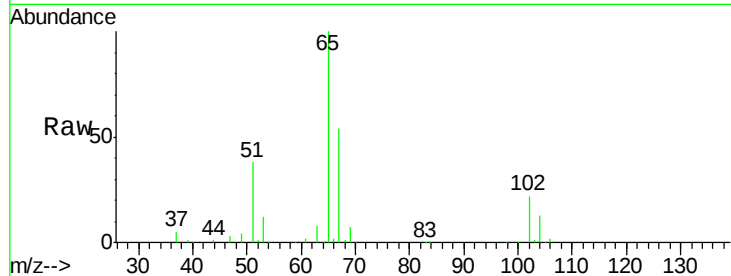
#33
 1,2-Dichloroethane-d4
 Concen: 43.65 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024699.D
 Acq: 18 Jun 2018 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-4-9.0-061218

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135027		
67	53.8	0.0	107.0	

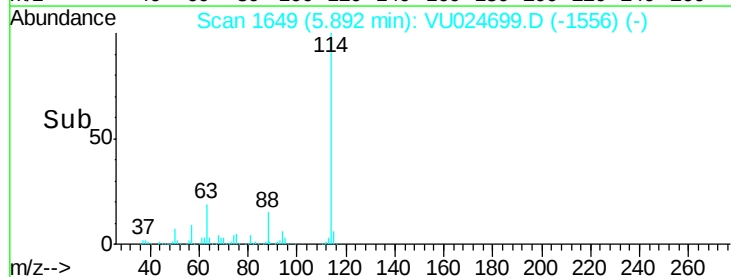
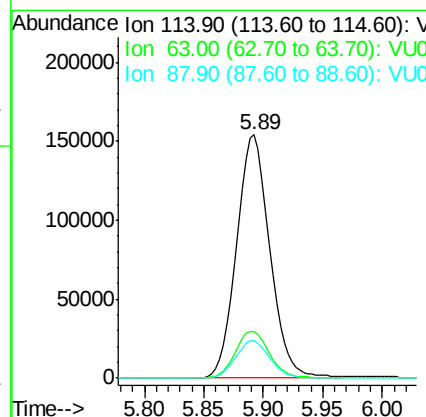
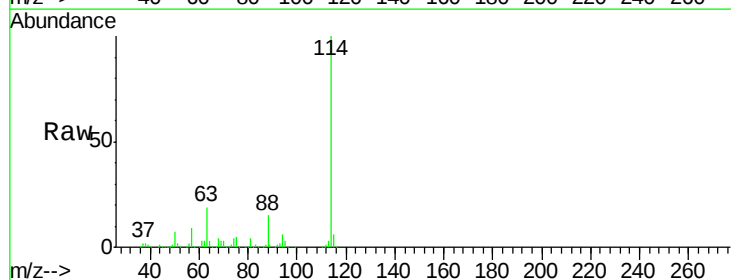
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024699.D
 Acq: 18 Jun 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	299259		
63	19.1	0.0	45.4	
88	15.4	0.0	31.0	





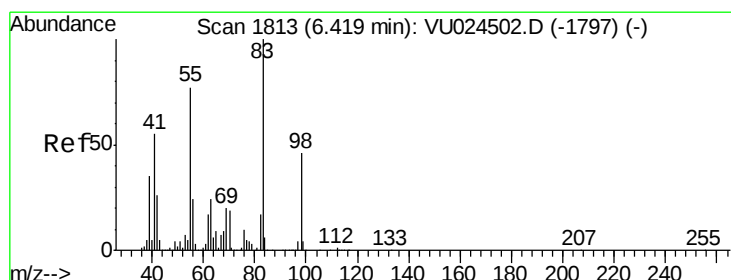
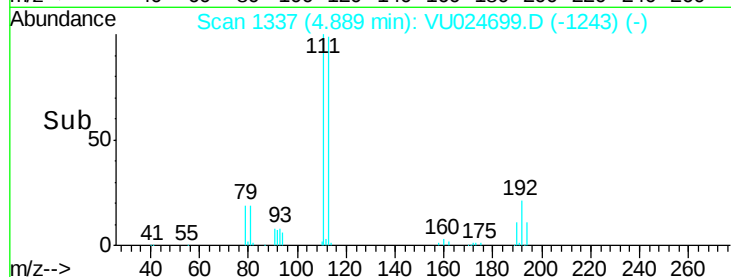
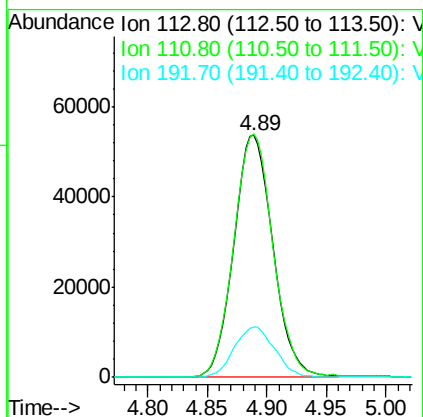
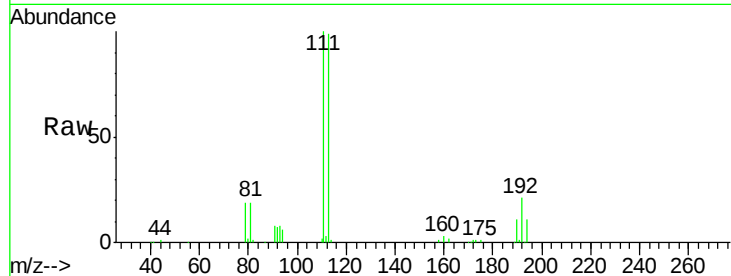
#35
Dibromofluoromethane
Concen: 49.25 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU024699.D
Acq: 18 Jun 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-4-9.0-061218

Tot Ion	Ratio	Resp	Lower	Upper
113	100	122309		
111	100.9	82.2	123.4	
192	21.7	16.2	24.4	

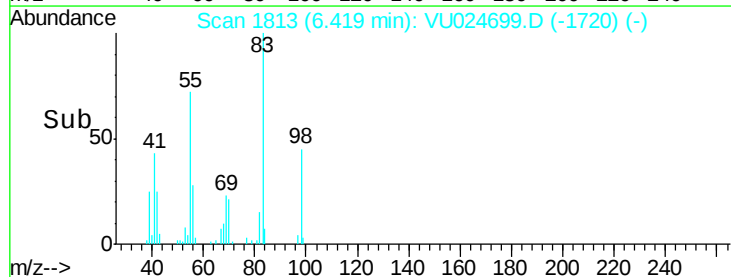
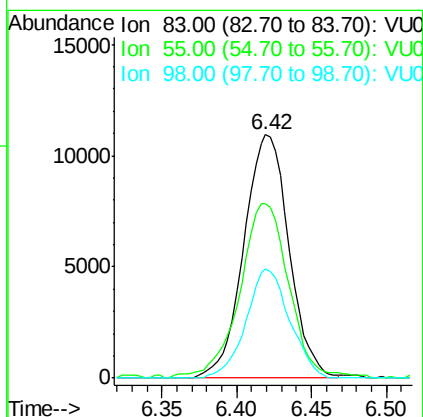
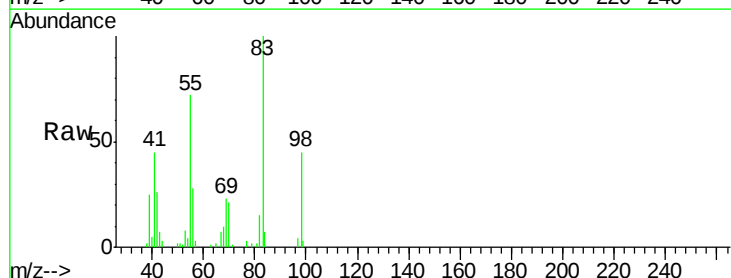
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#39
Methylcyclohexane
Concen: 5.22 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024699.D
Acq: 18 Jun 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	22928		
55	70.1	65.8	98.6	
98	44.9	36.7	55.1	





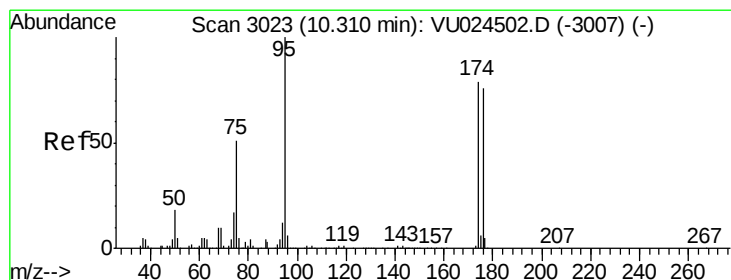
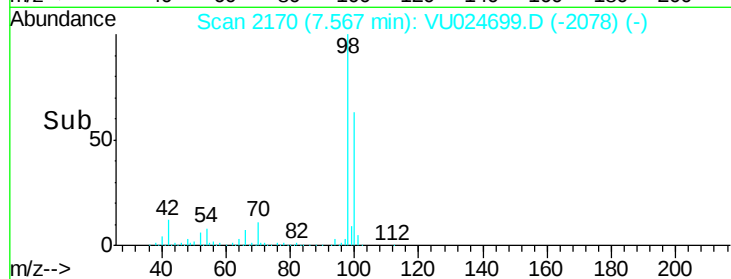
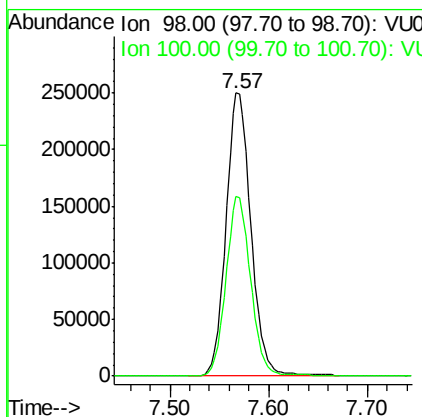
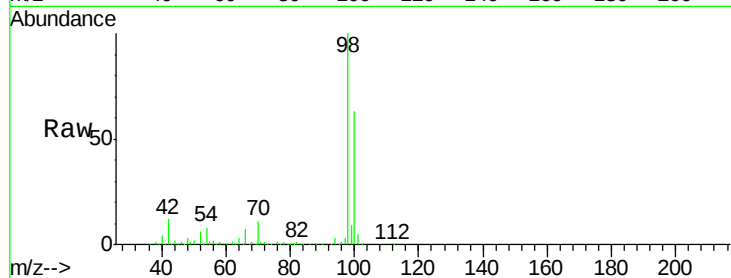
#50
Toluene-d8
Concen: 48.87 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024699.D
Acq: 18 Jun 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-4-9.0-061218

Tot Ion: 98 Resp: 442726
Ion Ratio Lower Upper
98 100
100 63.2 51.1 76.7

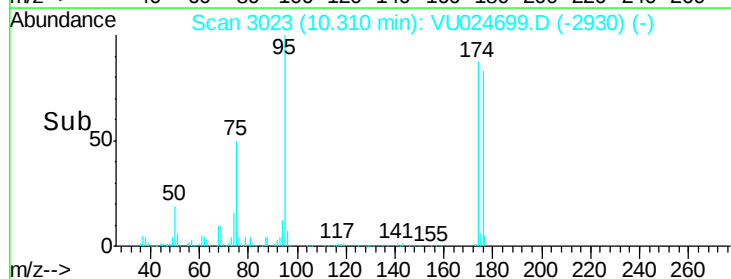
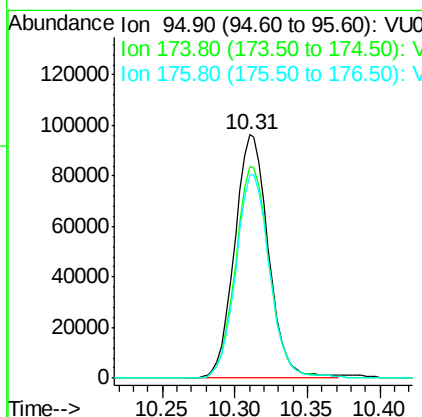
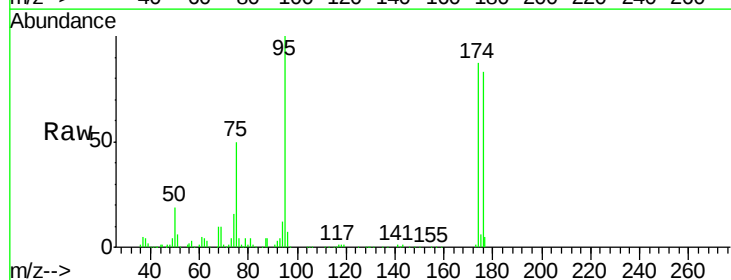
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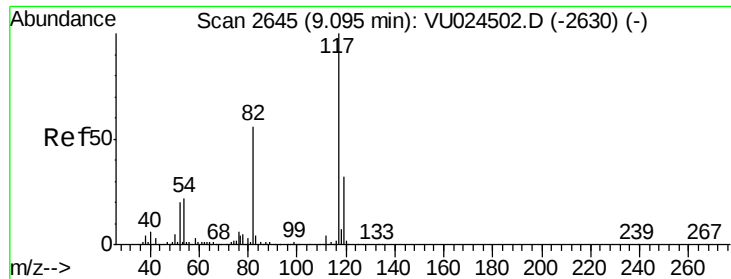
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#62
4-Bromofluorobenzene
Concen: 43.36 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024699.D
Acq: 18 Jun 2018 18:13

Tgt Ion: 95 Resp: 155962
Ion Ratio Lower Upper
95 100
174 87.0 0.0 165.8
176 83.8 0.0 159.4





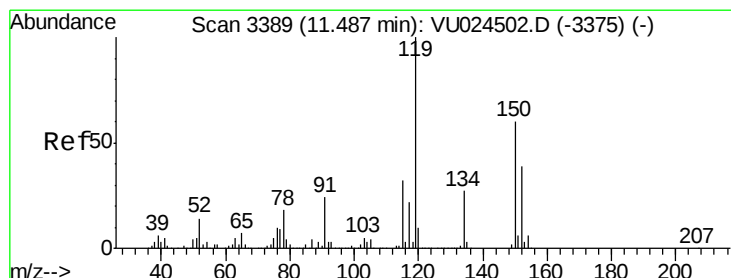
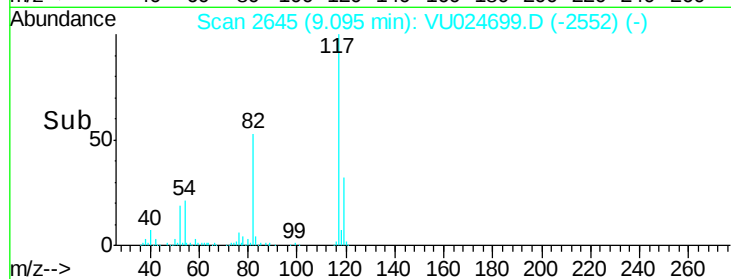
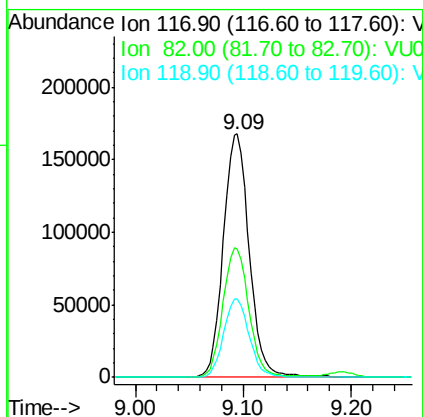
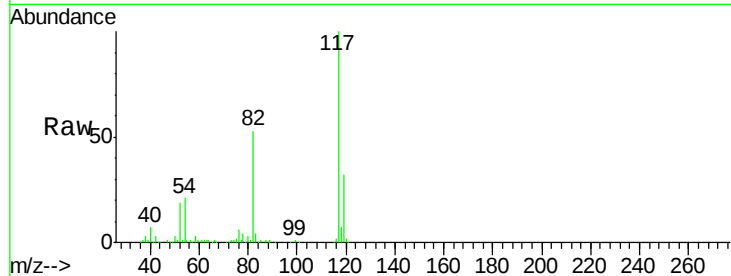
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VU024699.D
Acq: 18 Jun 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-4-9.0-061218

Tot Ion	Ratio	Resp	Lower	Upper
117	100	281369		
82	52.9	44.3	66.5	
119	32.3	25.4	38.2	

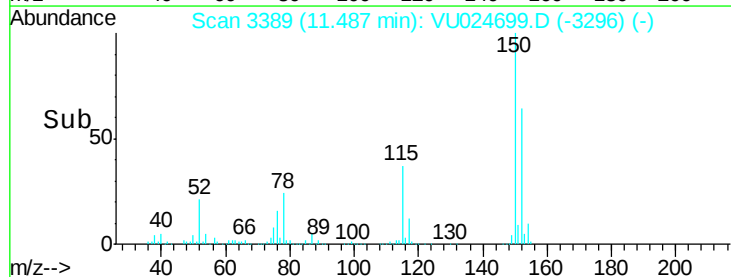
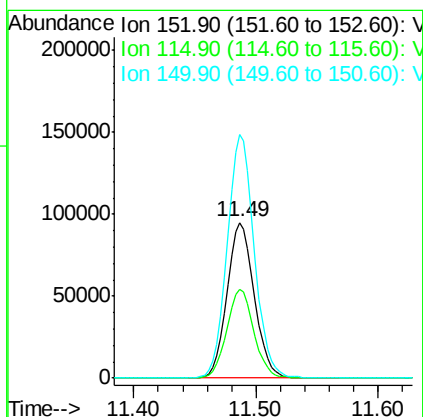
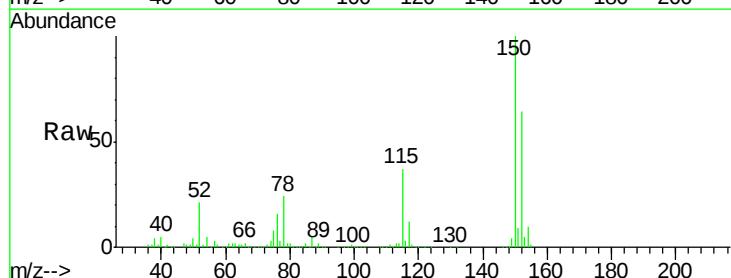
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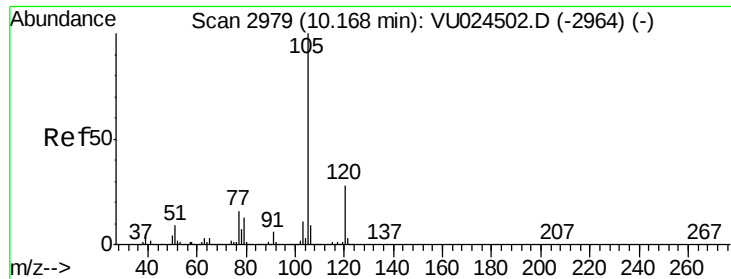
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3389
Delta R.T. 0.00 min
Lab File: VU024699.D
Acq: 18 Jun 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	148098		
115	57.6	43.0	129.0	
150	155.9	0.0	354.0	





#73

Isopropylbenzene

Concen: 6.31 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. 0.00 min

Lab File: VU024699.D

Acq: 18 Jun 2018 18:13

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-4-9.0-061218

Tot Ion: 105 Resp: 71740

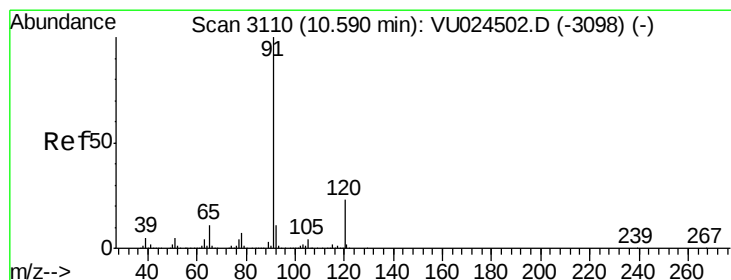
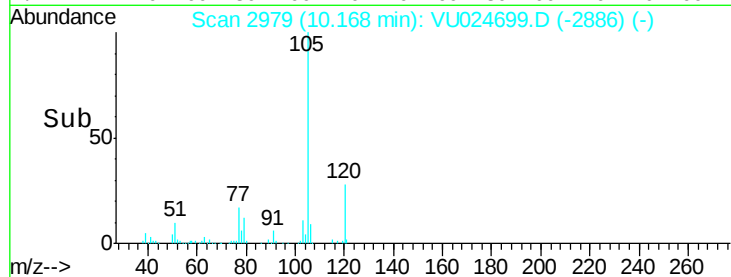
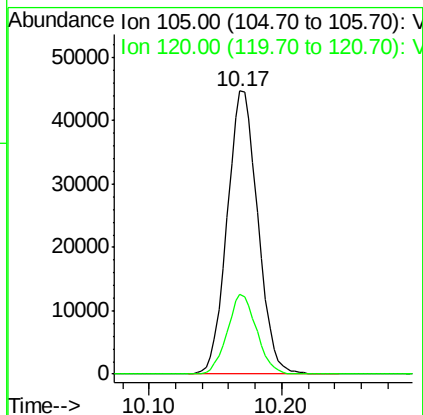
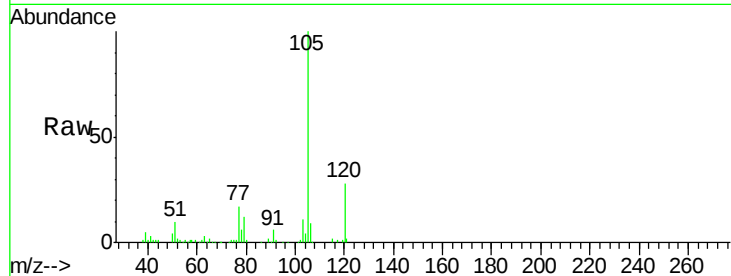
Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.6

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#78

n-propylbenzene

Concen: 6.23 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU024699.D

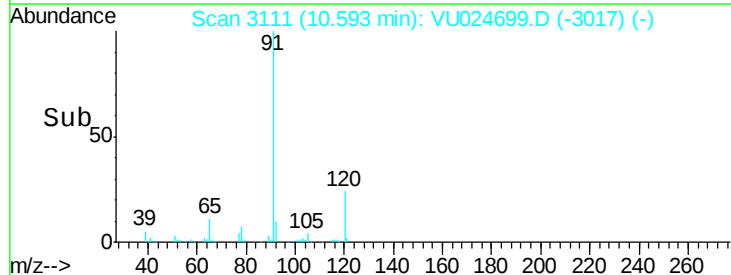
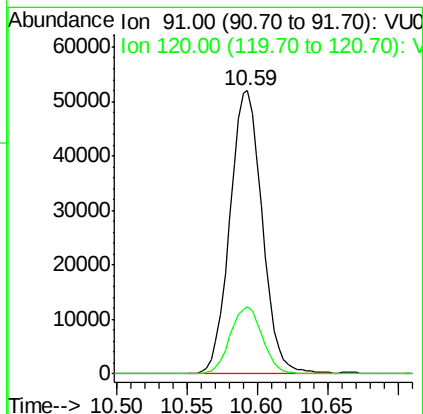
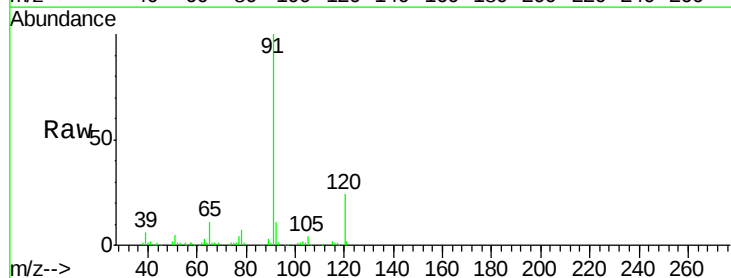
Acq: 18 Jun 2018 18:13

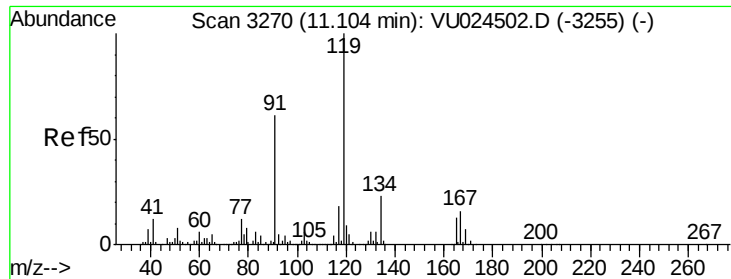
Tgt Ion: 91 Resp: 83478

Ion Ratio Lower Upper

91 100

120 23.6 11.2 33.5





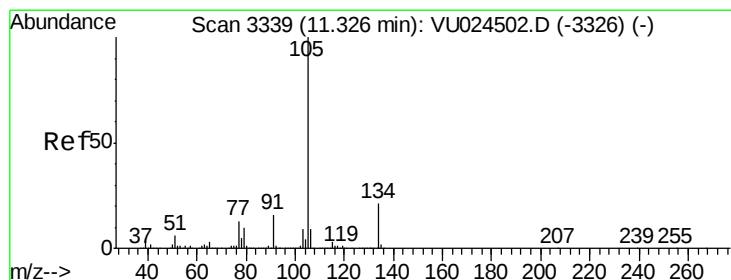
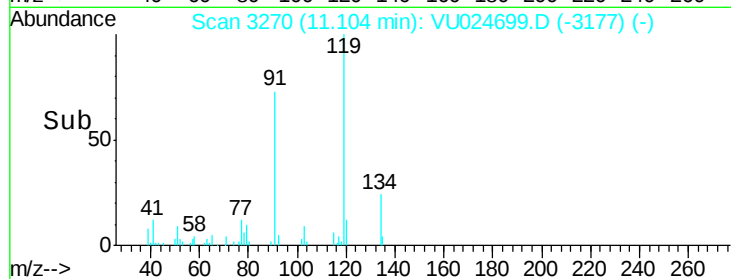
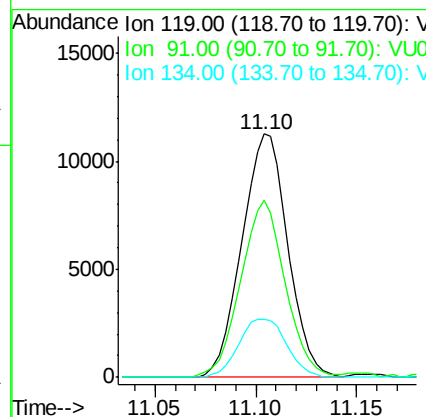
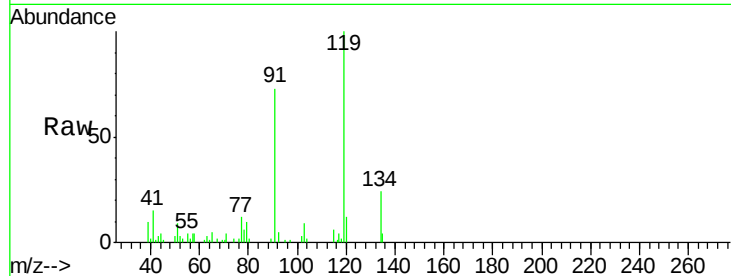
#83
tert-Butylbenzene
Concen: 1.90 ug/l
RT: 11.10 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU024699.D
Acq: 18 Jun 2018 18:13

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-4-9.0-061218

Tot Ion	Ratio	Resp	Lower	Upper
119	100	17985		
91	70.4	29.7	89.1	
134	24.9	11.6	34.7	

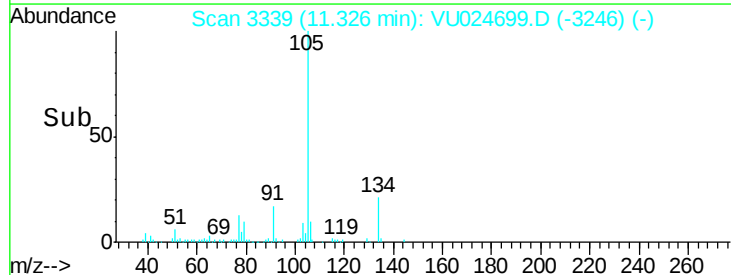
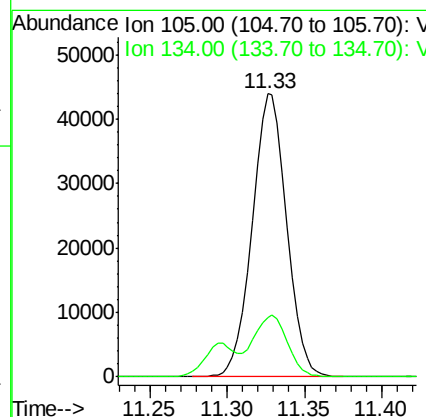
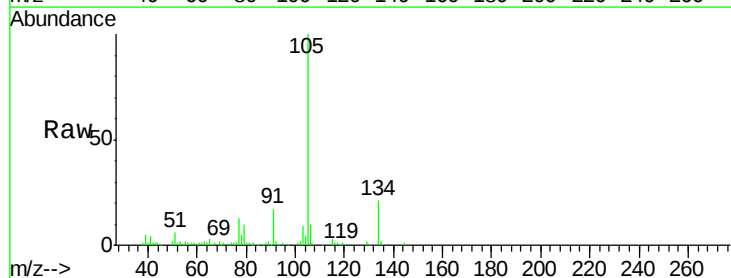
Manual Integrations
APPROVED

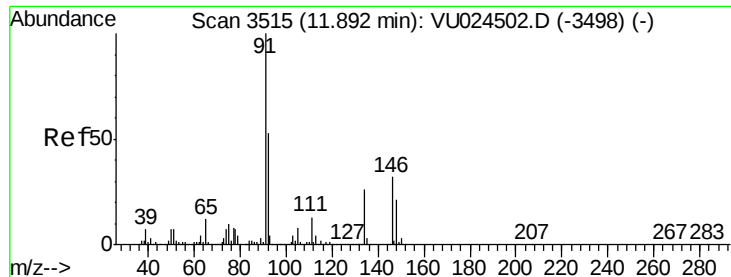
MMDadoda
6/19/2018 1:55:04 PM



#85
sec-Butylbenzene
Concen: 5.74 ug/l
RT: 11.33 min Scan# 3339
Delta R.T. 0.00 min
Lab File: VU024699.D
Acq: 18 Jun 2018 18:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	68162		
134	21.1	9.7	29.1	





#89
 n-Butylbenzene
 Concen: 1.29 ug/l m
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU024699.D
 Acq: 18 Jun 2018 18:13

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-4-9.0-061218

Tot Ion	Ratio	Lower	Upper
91	100		
92	57.2	25.6	76.8
134	0.0	12.3	36.8#

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:04 PM

