

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024899.D
 Acq On : 26 Jun 2018 01:25
 Operator : MD/SY
 Sample : J3669-22ME
 Misc : 6.75µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB479-25-27-180620ME

Manual Integrations
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 6/27/2018 11:21:26 AM

Quant Time: Jun 26 09:45:48 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	4.98	168	230952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	355100	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	342192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	224063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.31	65	175381	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
35) Dibromofluoromethane	4.89	113	138572	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	7.57	98	526377	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	10.32	95	248161	58.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.28%	
Target Compounds						
39) Methylcyclohexane	6.41	83	46891	9.01	ug/l	96
65) Chlorobenzene	9.13	112	78728	9.01	ug/l	98
83) tert-Butylbenzene	11.11	119	141844	9.89	ug/l	93
85) sec-Butylbenzene	11.33	105	522095	29.08	ug/l	98
89) n-Butylbenzene	11.90	91	457441m	32.04	ug/l	

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

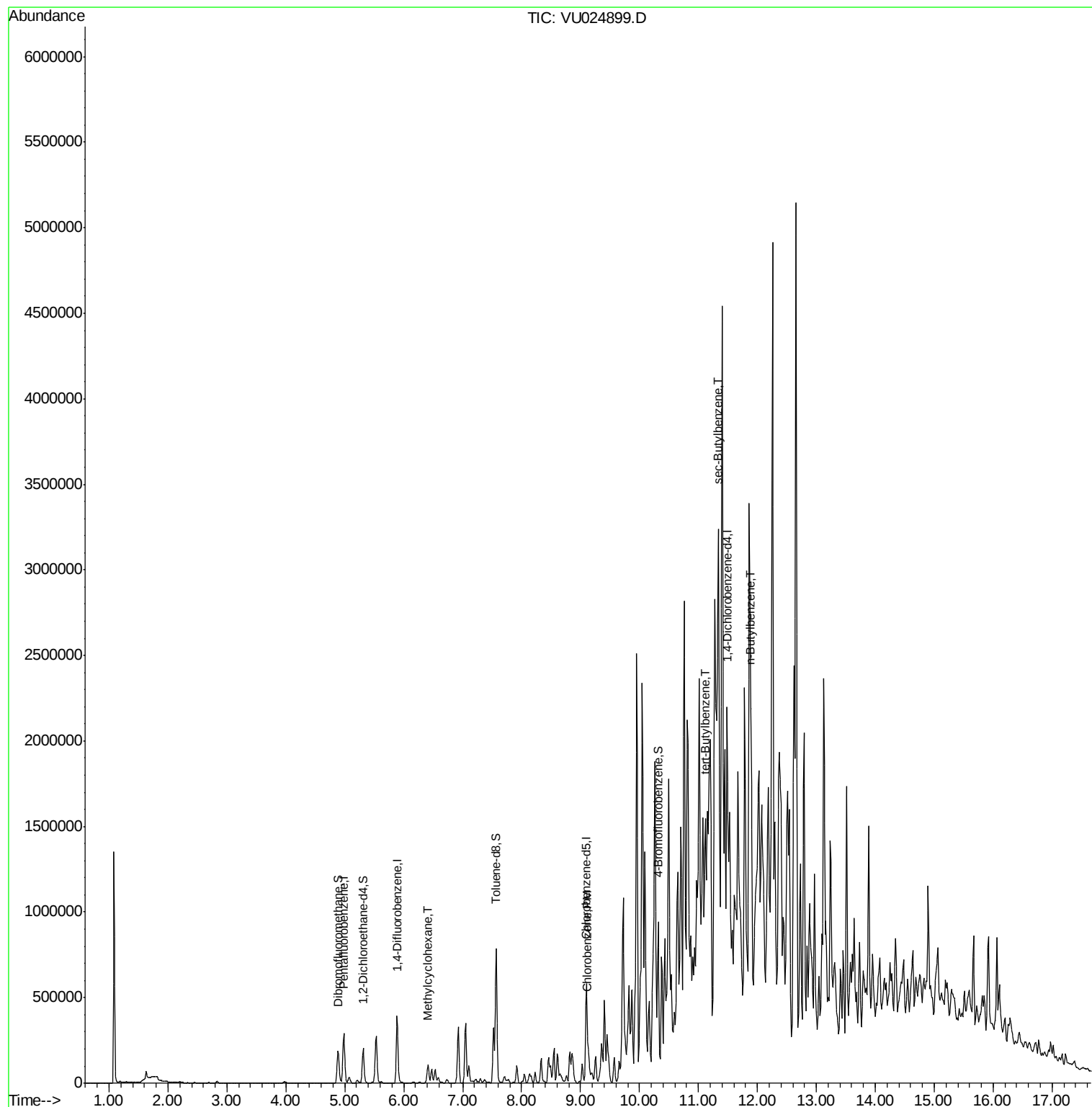
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062518\
Data File : VU024899.D
Acq On : 26 Jun 2018 01:25
Operator : MD/SY
Sample : J3669-22ME
Misc : 6.75a/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

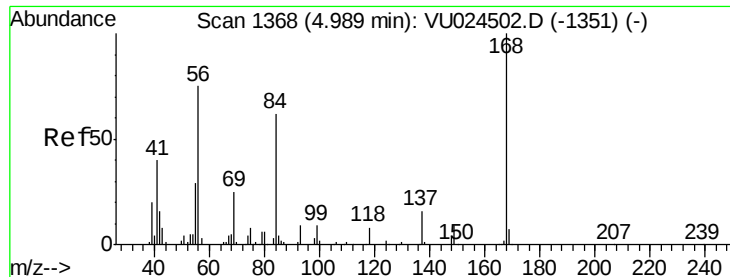
Instrument :
MSVOA_U
ClientSampleId :
WP021SB479-25-27-180620ME

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Quant Time: Jun 26 09:45:48 2018
Quant Method : Z:\V0ASRV\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: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

ClientSampleId :

WP021SB479-25-27-180620ME

Tot Ion:168 Resp: 230952

Ion Ratio Lower Upper

168 100

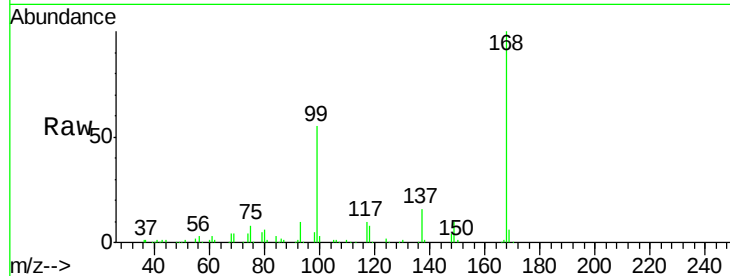
99 55.3 43.2 64.8

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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) (-)

4.98

100000

80000

60000

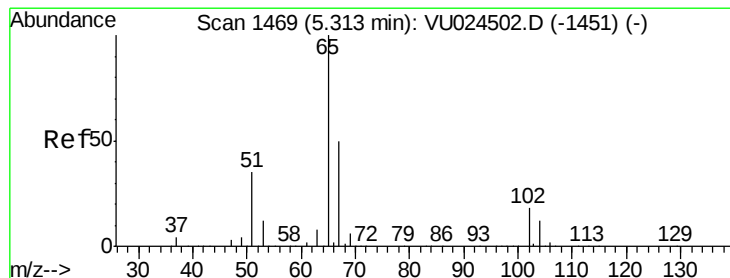
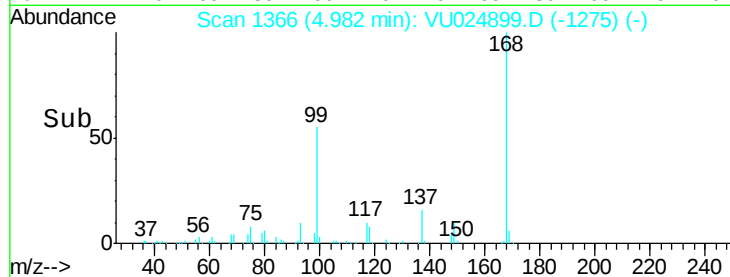
40000

20000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.52 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024899.D

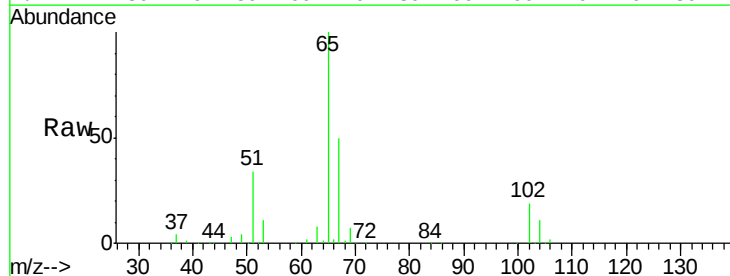
Acq: 26 Jun 2018 01:25

Tgt Ion: 65 Resp: 175381

Ion Ratio Lower Upper

65 100

67 51.1 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VU024502.D (-1451) (-)

Ion 66.90 (66.60 to 67.60): VU024502.D (-1451) (-)

5.31

80000

60000

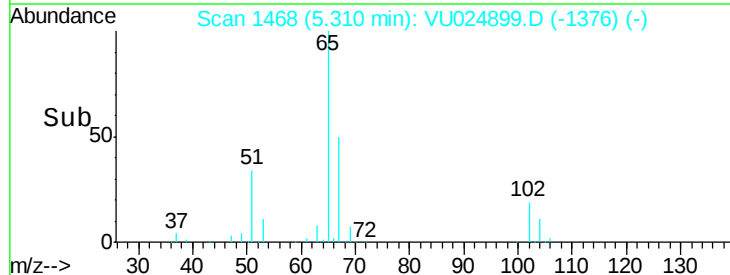
40000

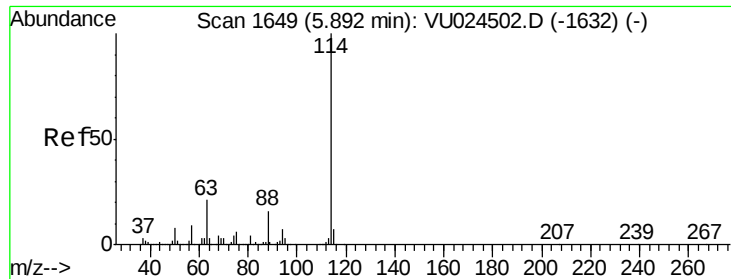
20000

0

5.20 5.30 5.40 5.50

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

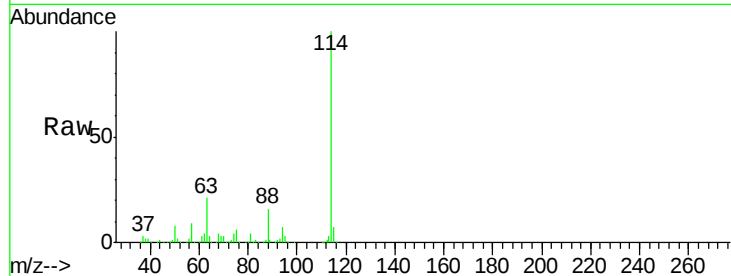
ClientSampleId :

WP021SB479-25-27-180620ME

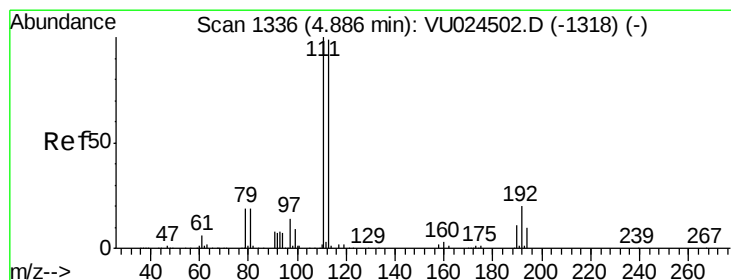
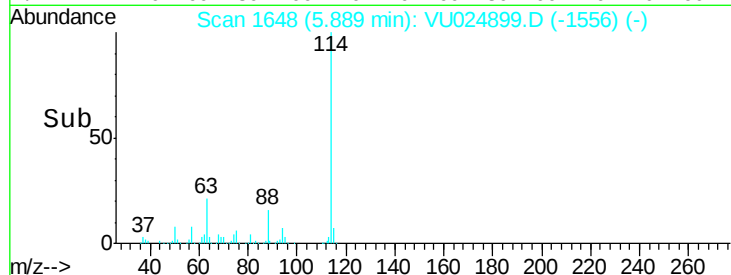
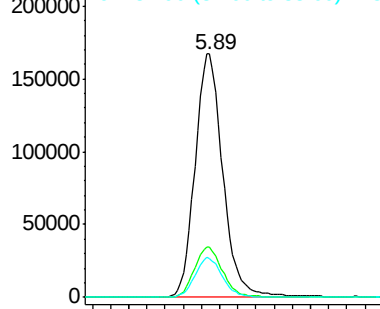
Tot Ion:	114	Resp:	355100
Ion Ratio		Lower	Upper
114	100		
63	20.5	0.0	45.4
88	16.1	0.0	31.0

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Abundance Ion 113.90 (113.60 to 114.60): V



#35

Dibromofluoromethane

Concen: 47.02 ug/l

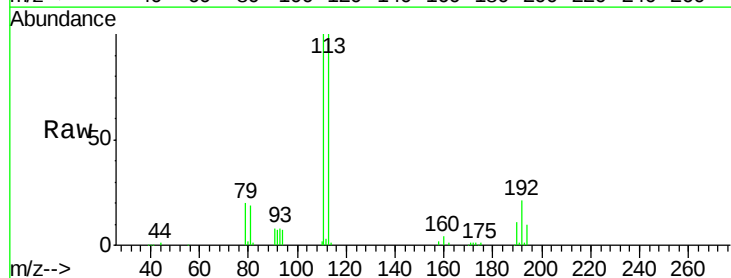
RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

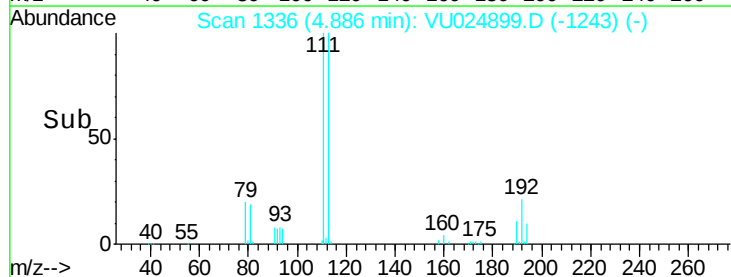
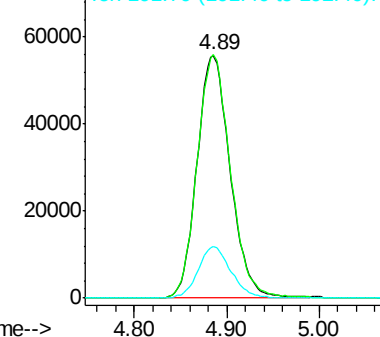
Lab File: VU024899.D

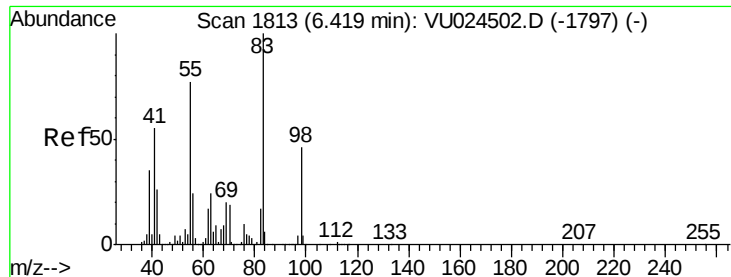
Acq: 26 Jun 2018 01:25

Tgt Ion:	113	Resp:	138572
Ion Ratio		Lower	Upper
113	100		
111	100.6	82.2	123.4
192	20.9	16.2	24.4



Abundance Ion 112.80 (112.50 to 113.50): V





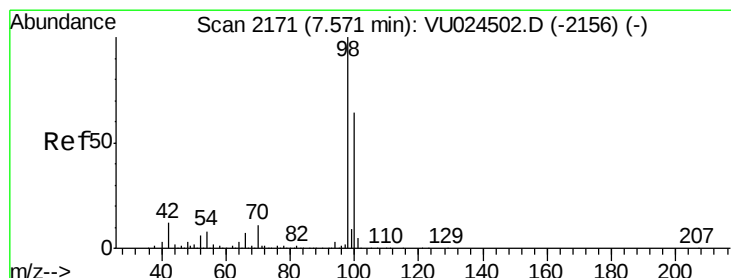
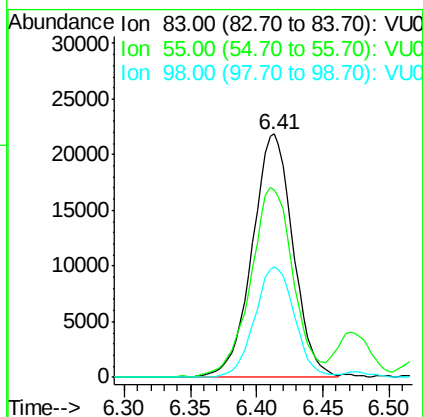
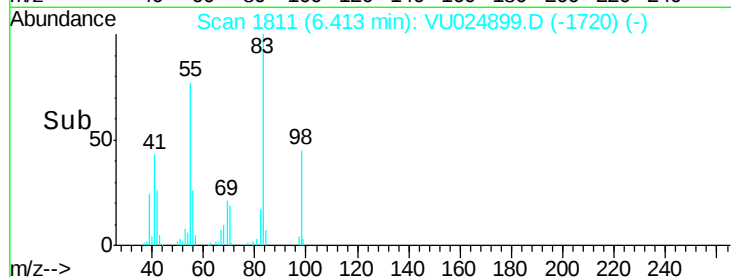
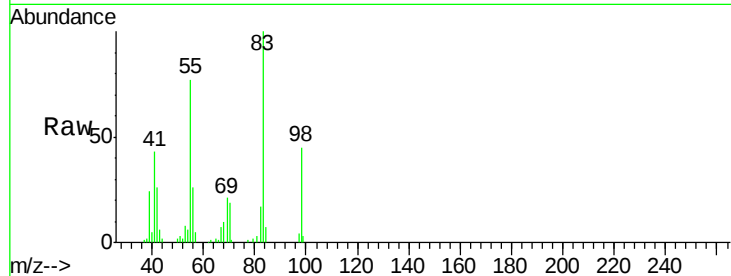
#39
Methvlcvclohexane
Concen: 9.01 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Instrument :
MSVOA_U
ClientSampleId :
WP021SB479-25-27-180620ME

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	65.8	98.6
98	45.5	36.7	55.1

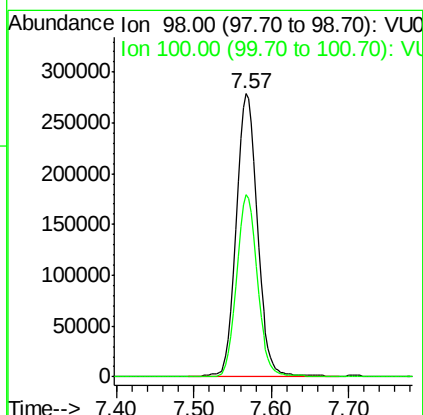
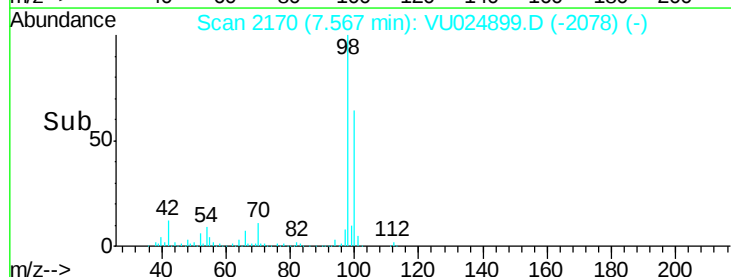
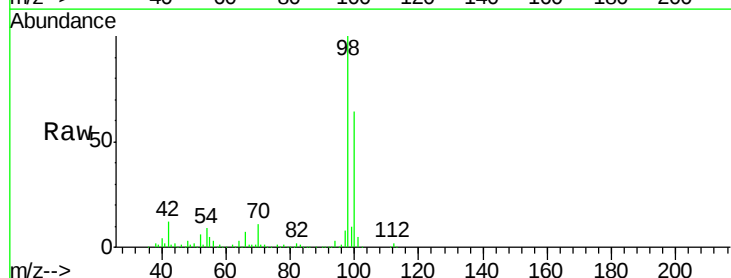
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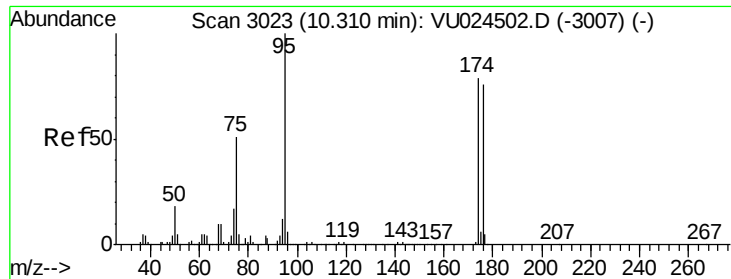
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#50
Toluene-d8
Concen: 48.97 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.1	76.7





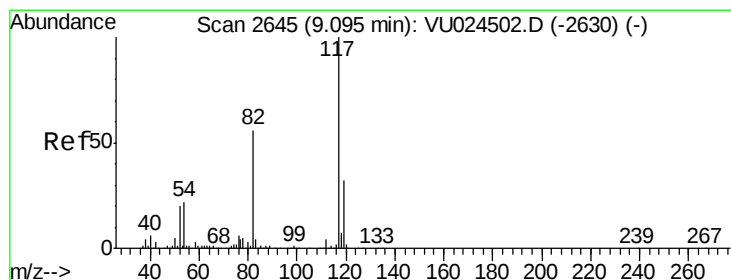
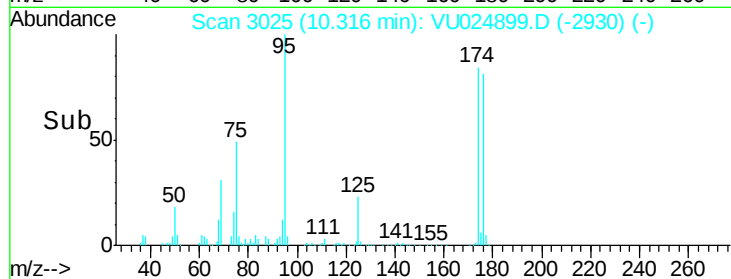
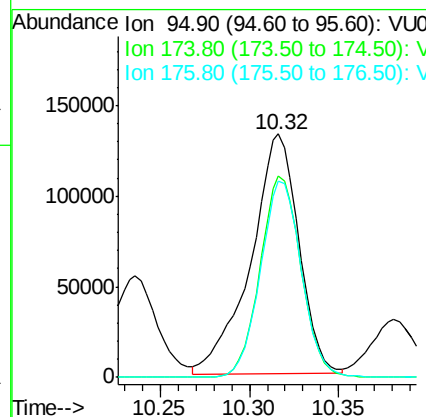
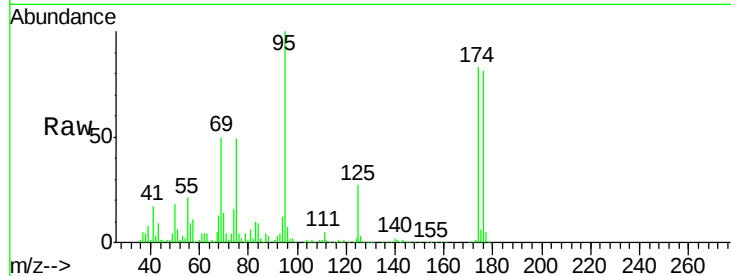
#62
4-Bromofluorobenzene
Concen: 58.14 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Instrument :
MSVOA_U
ClientSampleId :
WP021SB479-25-27-180620ME

Tot Ion	Ratio	Resp	Lower	Upper
95	100	248161		
174	72.1	0.0	165.8	
176	70.4	0.0	159.4	

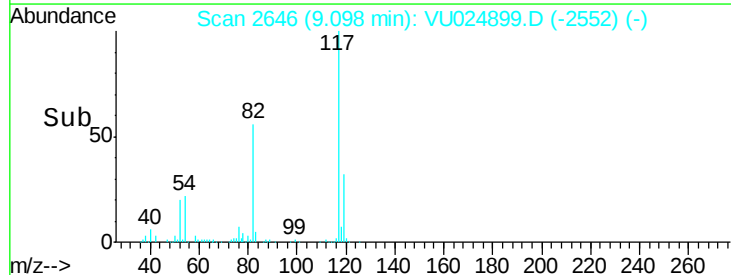
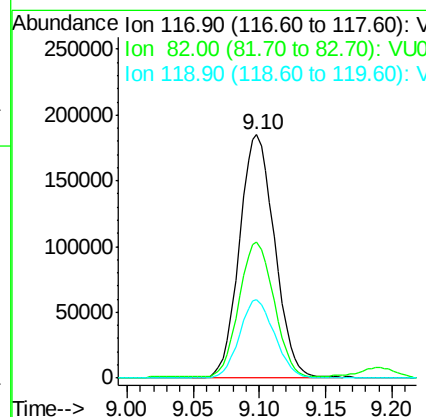
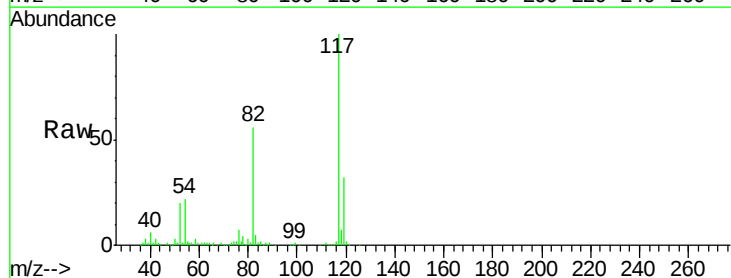
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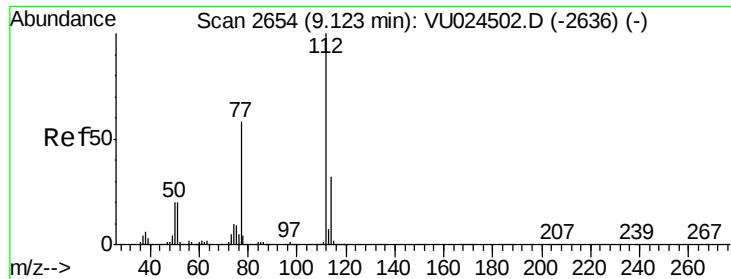
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	342192		
82	55.2	44.3	66.5	
119	32.4	25.4	38.2	





#65

Chlorobenzene

Concen: 9.01 ug/l

RT: 9.13 min Scan# 2655

Delta R.T. 0.00 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

ClientSampleId :

WP021SB479-25-27-180620ME

Tot Ion:112 Resp: 78728

Ion Ratio Lower Upper

112 100

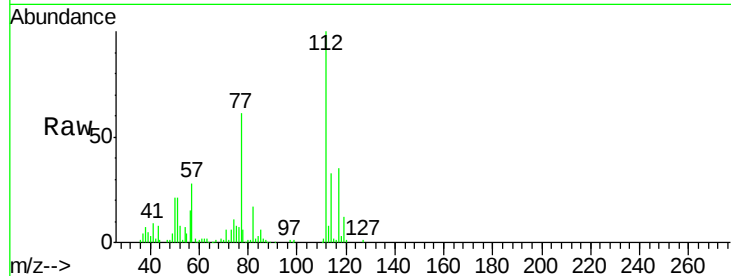
114 32.9 25.6 38.4

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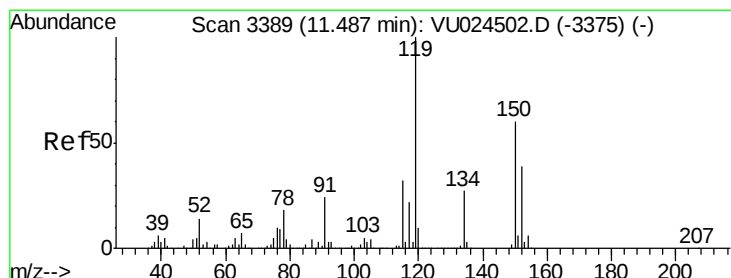
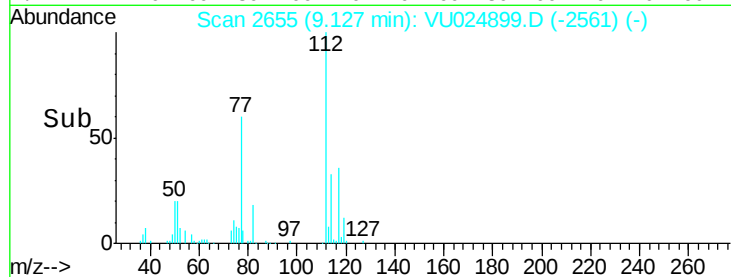
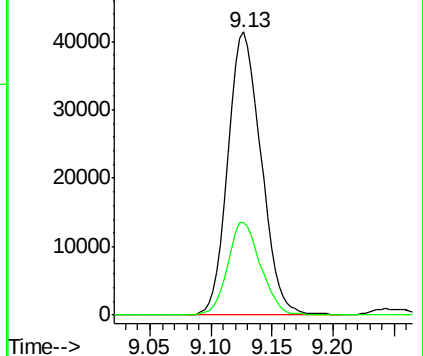
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU024899.D

Acq: 26 Jun 2018 01:25

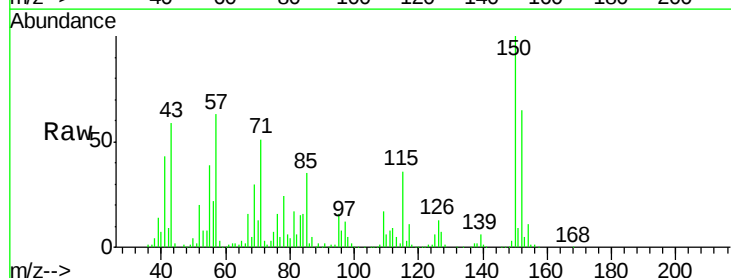
Tgt Ion:152 Resp: 224063

Ion Ratio Lower Upper

152 100

115 54.8 43.0 129.0

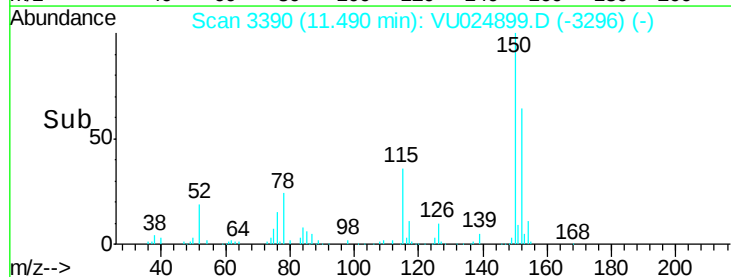
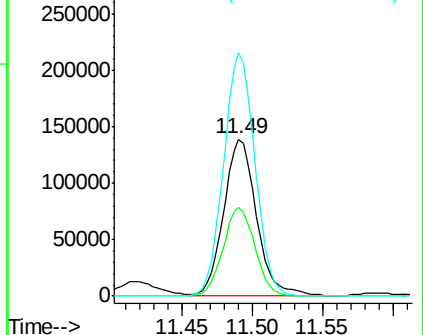
150 149.3 0.0 354.0

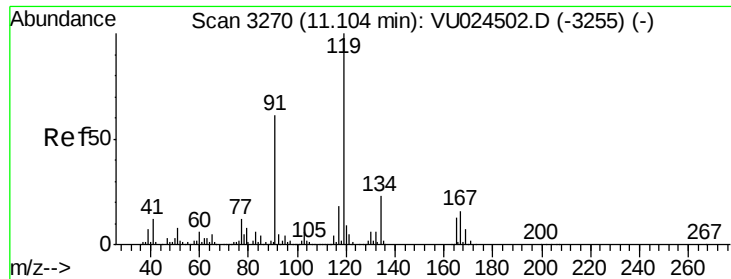


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





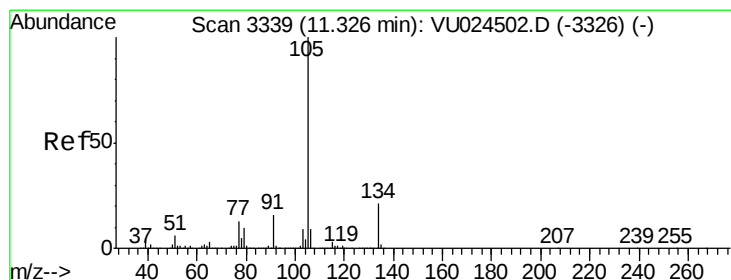
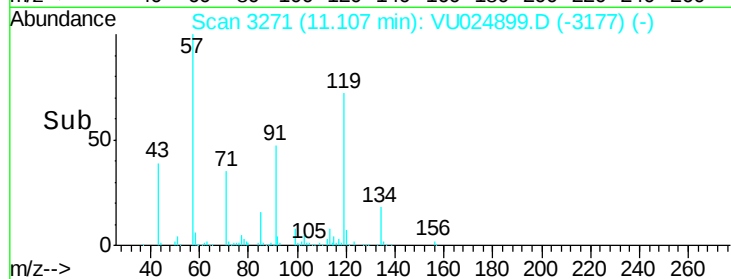
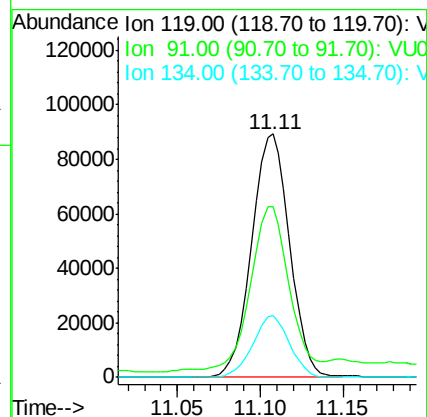
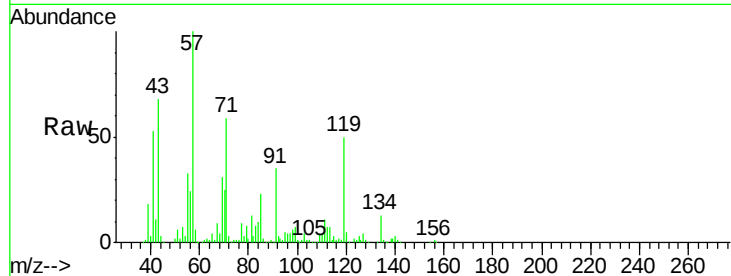
#83
tert-Butylbenzene
Concen: 9.89 ug/l
RT: 11.11 min Scan# 3271
Delta R.T. 0.00 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Instrument :
MSVOA_U
ClientSampleId :
WP021SB479-25-27-180620ME

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.9	29.7	89.1
134	24.4	11.6	34.7

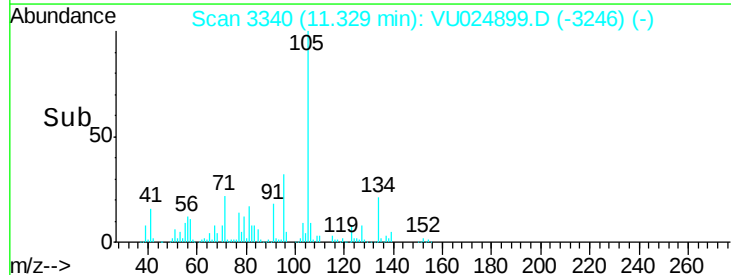
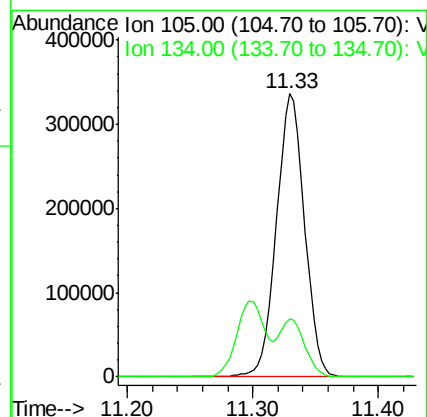
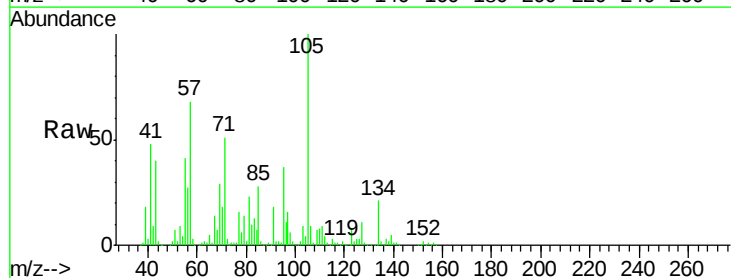
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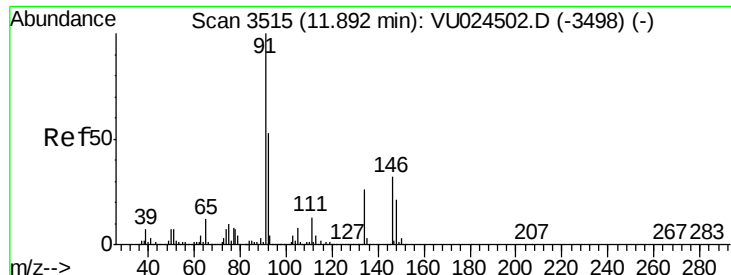
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#85
sec-Butylbenzene
Concen: 29.08 ug/l
RT: 11.33 min Scan# 3340
Delta R.T. 0.00 min
Lab File: VU024899.D
Acq: 26 Jun 2018 01:25

Tgt Ion	Ratio	Lower	Upper
105	100		
134	18.7	9.7	29.1





#89

n-Butylbenzene

Concen: 32.04 ug/l m

RT: 11.90 min Scan# 3516

Delta R.T. 0.00 min

Lab File: VU024899.D

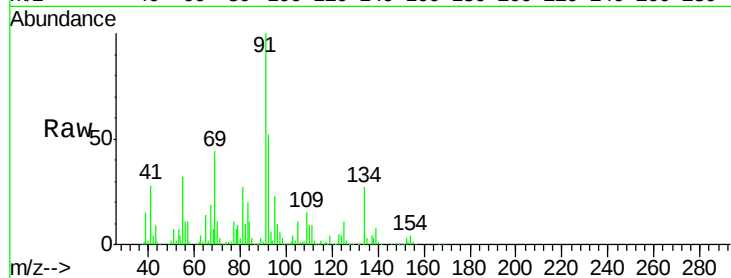
Acq: 26 Jun 2018 01:25

Instrument :

MSVOA_U

ClientSampleId :

WP021SB479-25-27-180620ME



Tot Ion:	91	Resp:	457441
Ion Ratio	Lower	Upper	
91	100		
92	53.0	25.6	76.8
134	0.0	12.3	36.8#

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