

Data File : VU024949.D
Acq On : 27 Jun 2018 03:11
Operator : MD/SY
Sample : J3664-21ME 20X
Misc : 5.88g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB471-29-31-180619ME

Manual Integrations
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6/28/2018 4:37:24 PM

Quant Time: Jul 03 23:43:50 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	206498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	312056	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	290195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	158710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	156878	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
35) Dibromofluoromethane	4.89	113	122348	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	7.57	98	457446	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
62) 4-Bromofluorobenzene	10.31	95	167516	44.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.32%	

Target Compounds

						Qvalue
12) 1,1-Dichloroethene	2.28	96	2331	0.991	ug/l #	72
20) Methylene Chloride	2.71	84	1670	0.588	ug/l	93
27) cis-1,2-Dichloroethene	4.23	96	44778	15.040	ug/l	91
44) Trichloroethene	6.19	130	644329	216.678	ug/l	97
52) Toluene	7.64	92	39880	5.933	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	4605	0.436	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	9664	0.898	ug/l	95
88) 1,4-Dichlorobenzene	11.51	146	5501m	0.959	ug/l	
91) 1,2-Dichlorobenzene	11.88	146	31349	5.492	ug/l	99

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

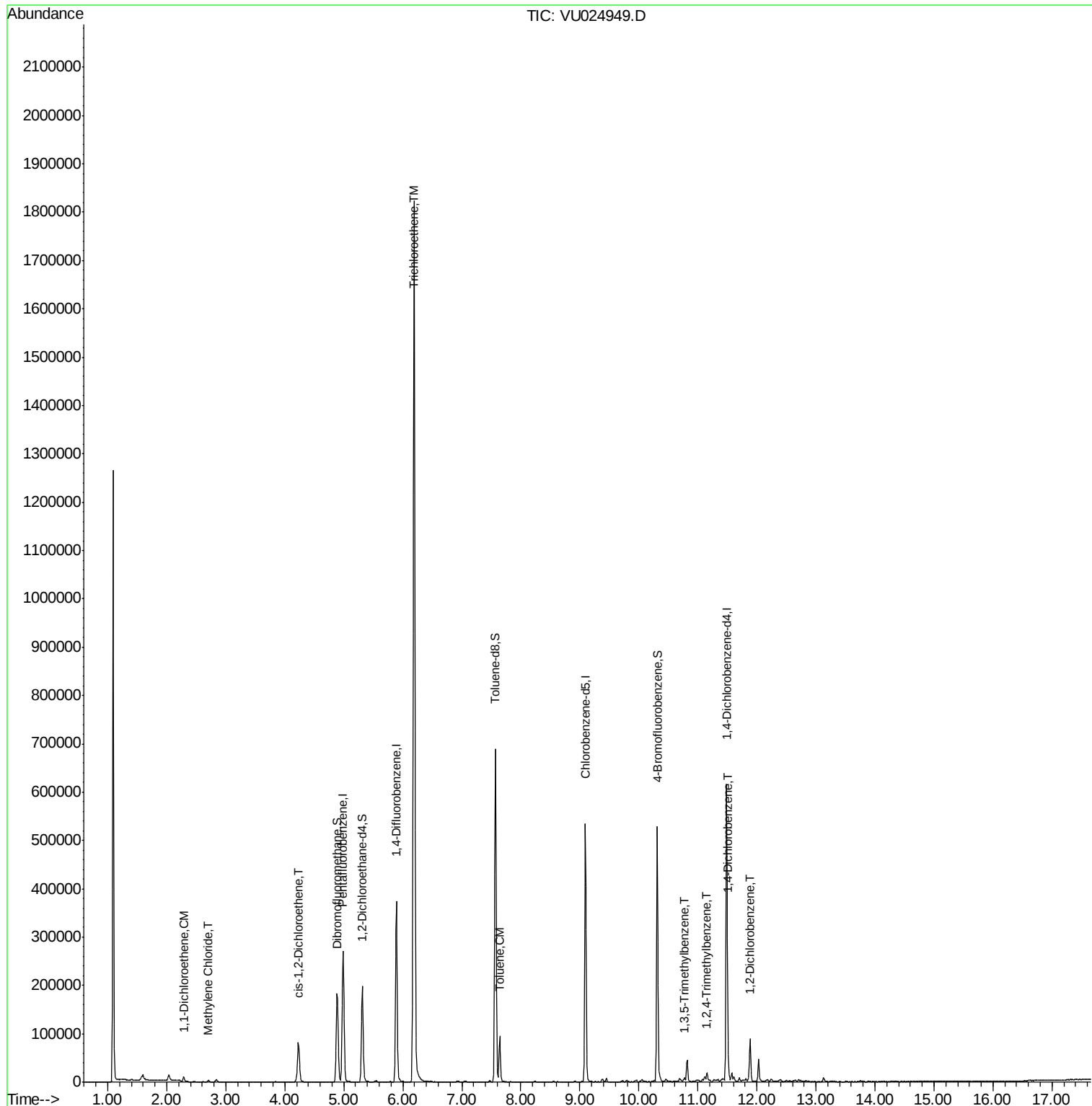
Data File : VU024949.D
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Misc : 5.88g/5.0ml/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

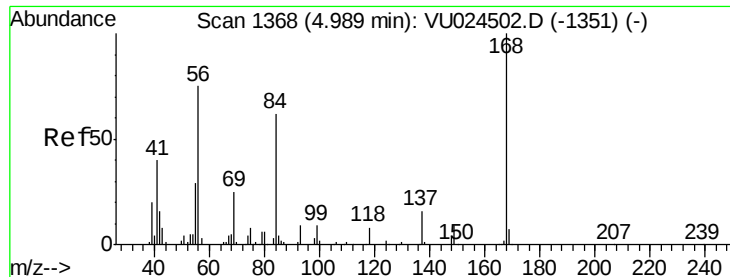
Instrument :
MSVOA_U
ClientSampleId :
WP021SB471-29-31-180619ME

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Quant Time: Jul 03 23:43:50 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: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VU024949.D

Acq: 27 Jun 2018 03:11

Instrument :

MSVOA_U

ClientSampleId :

WP021SB471-29-31-180619ME

Tgt Ion: 168 Resp: 206498

Ion Ratio Lower Upper

168 100

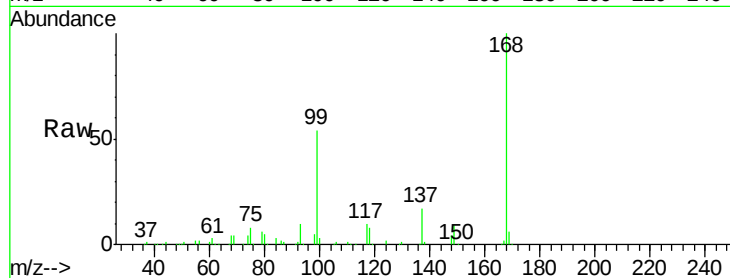
99 54.3 43.2 64.8

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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) (-)

4.99

100000

80000

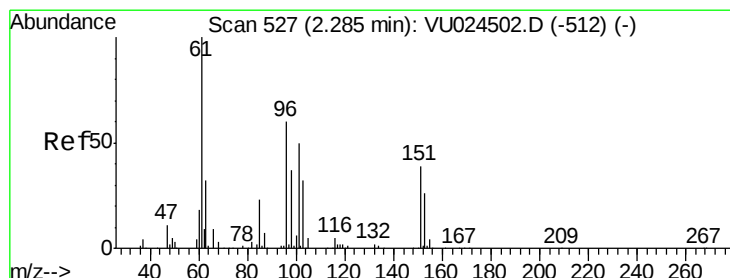
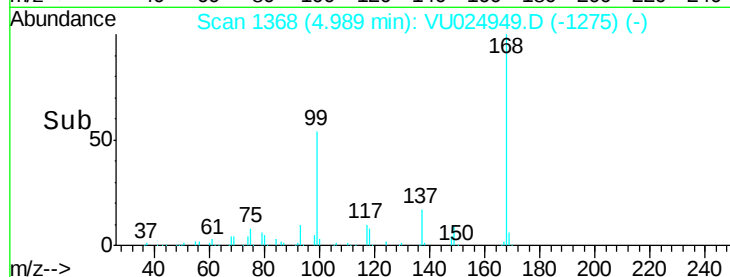
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.991 ug/l

RT: 2.28 min Scan# 527

Delta R.T. 0.00 min

Lab File: VU024949.D

Acq: 27 Jun 2018 03:11

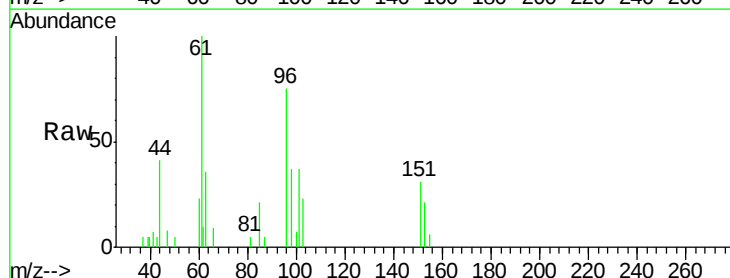
Tgt Ion: 96 Resp: 2331

Ion Ratio Lower Upper

96 100

61 133.1 141.7 212.5#

98 49.2 51.6 77.4#



Abundance Ion 95.90 (95.60 to 96.60): VU024502.D (-512) (-)

Ion 60.90 (60.60 to 61.60): VU024502.D (-512) (-)

Ion 97.90 (97.60 to 98.60): VU024502.D (-512) (-)

2.28

3000

2500

2000

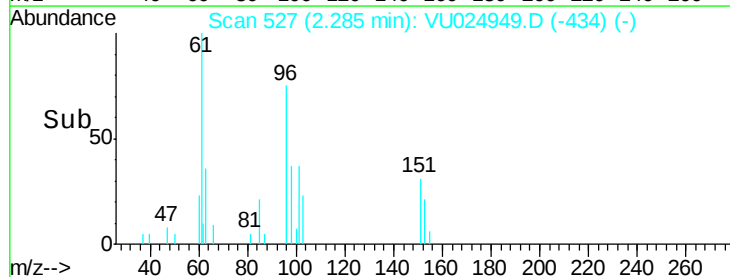
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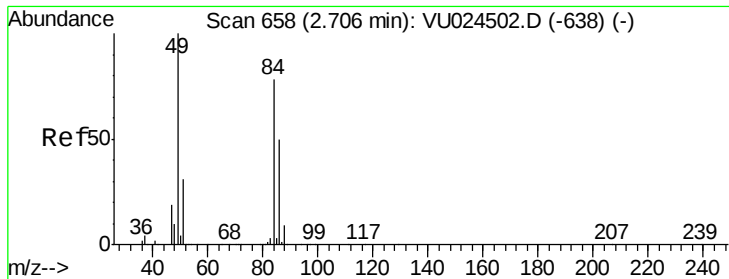
1000

500

0

Time-->





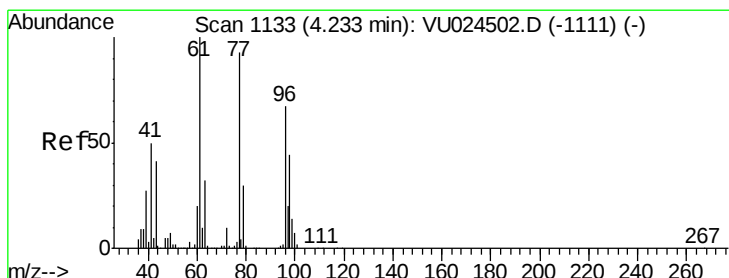
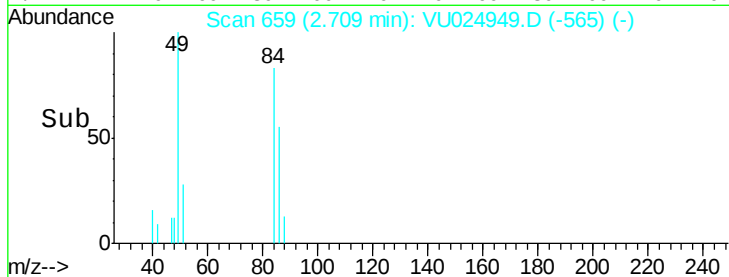
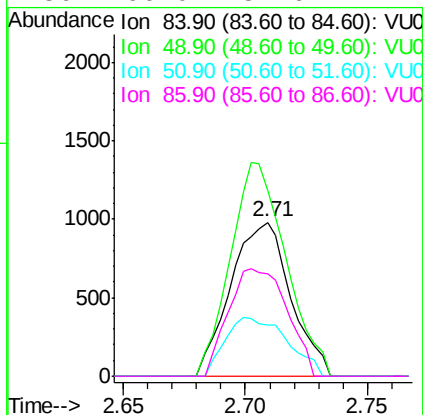
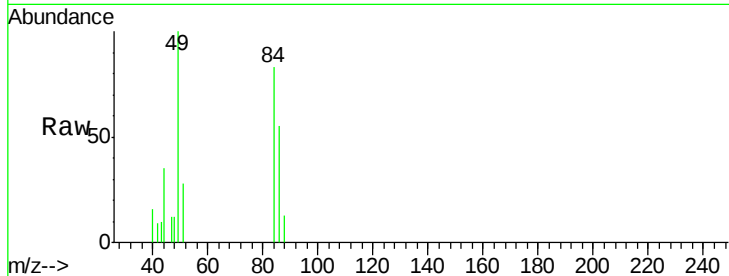
#20
Methylene Chloride
Concen: 0.588 ug/l
RT: 2.71 min Scan# 659
Delta R.T. 0.00 min
Lab File: VU024949.D
Acq: 27 Jun 2018 03:11

Instrument :
MSVOA_U
ClientSampleId :
WP021SB471-29-31-180619ME

Tgt Ion:	84	Resp:	1670
Ion	Ratio	Lower	Upper
84	100		
49	120.3	103.8	155.8
51	33.5	32.0	48.0
86	66.0	51.6	77.4

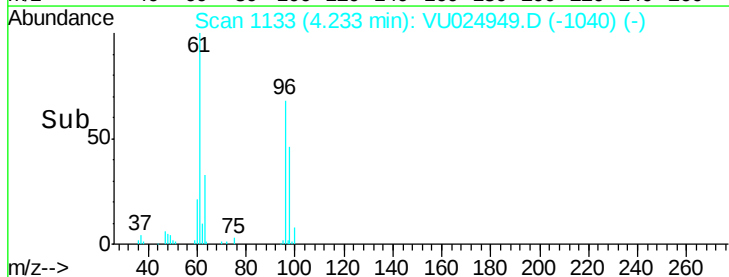
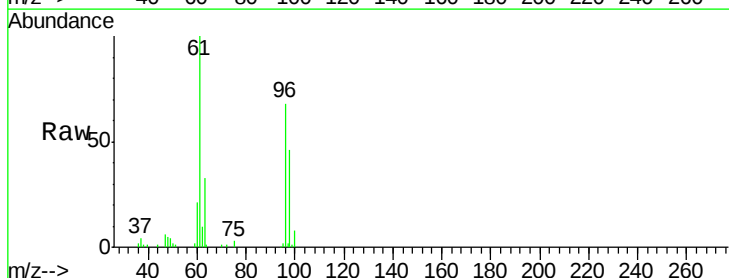
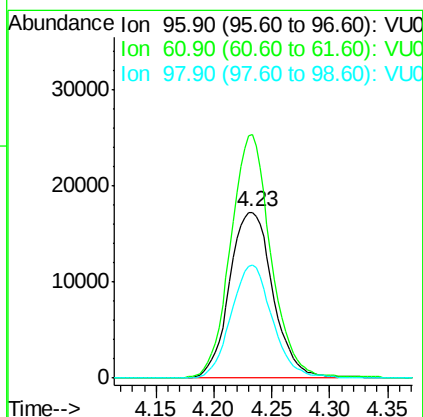
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#27
cis-1,2-Dichloroethene
Concen: 15.040 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024949.D
Acq: 27 Jun 2018 03:11

Tgt Ion:	96	Resp:	44778
Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	306.6
98	65.0	0.0	128.8





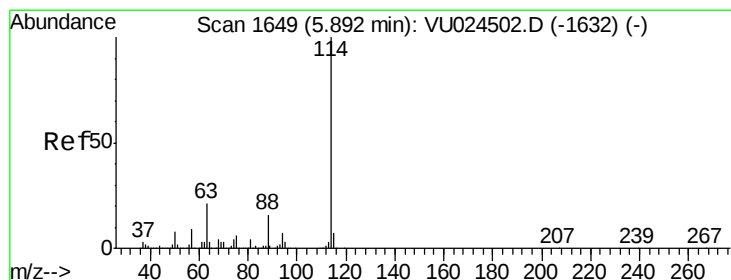
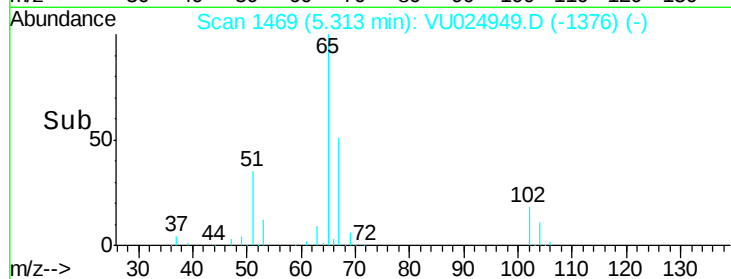
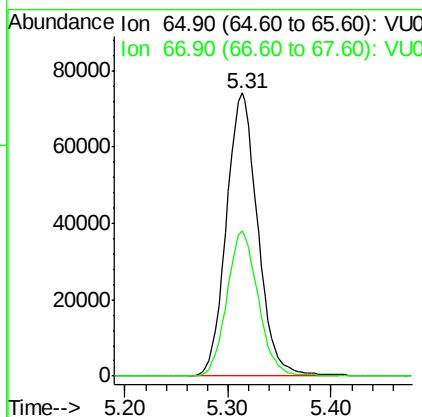
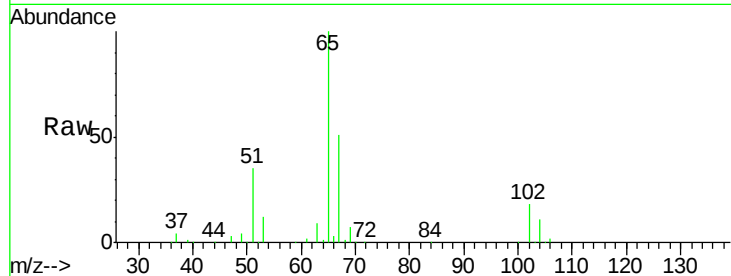
#33
 1,2-Dichloroethane-d4
 Concen: 46.536 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024949.D
 Acq: 27 Jun 2018 03:11

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB471-29-31-180619ME

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	156878		
67	50.9	0.0	107.0	

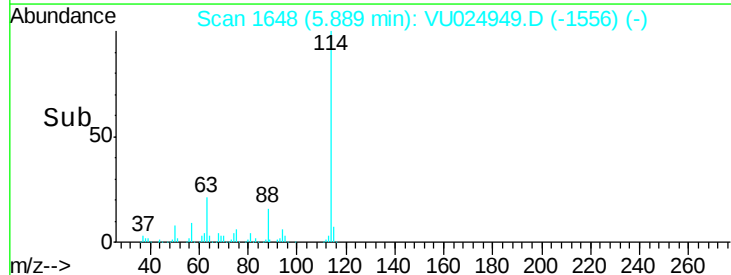
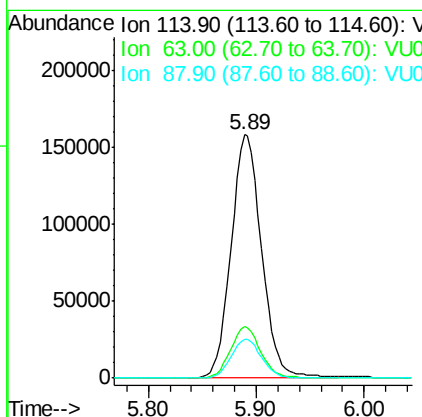
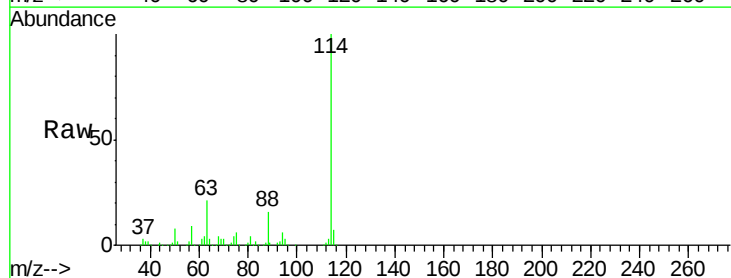
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU024949.D
 Acq: 27 Jun 2018 03:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	312056		
63	21.0	0.0	45.4	
88	15.8	0.0	31.0	





#35

Dibromofluoromethane

Concen: 47.242 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024949.D

Acq: 27 Jun 2018 03:11

Instrument :

MSVOA_U

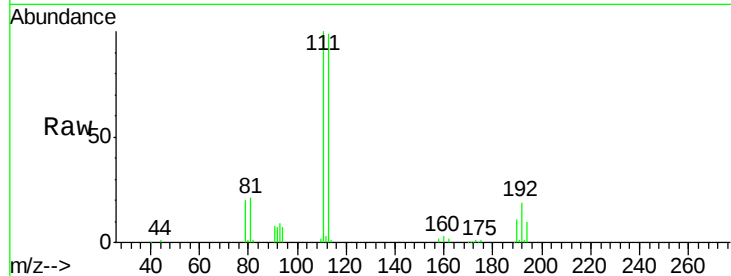
ClientSampleId :

WP021SB471-29-31-180619ME

Tgt Ion:	113	Resp:	122348
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.2	123.4
192	20.6	16.2	24.4

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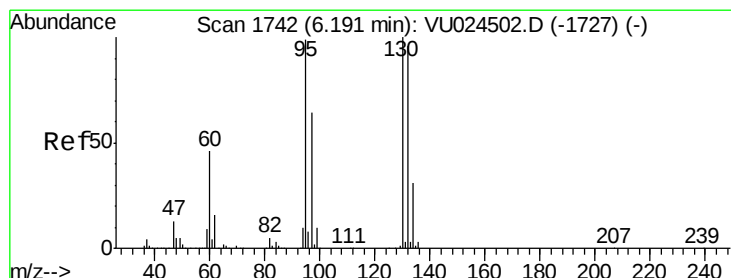
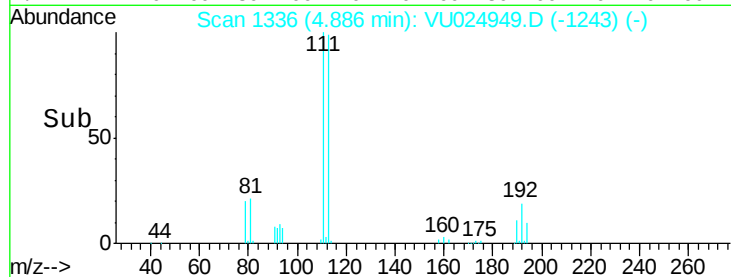
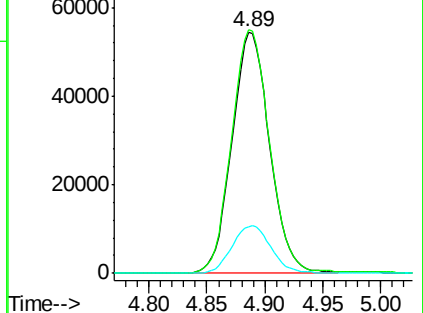
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#44

Trichloroethene

Concen: 216.678 ug/l

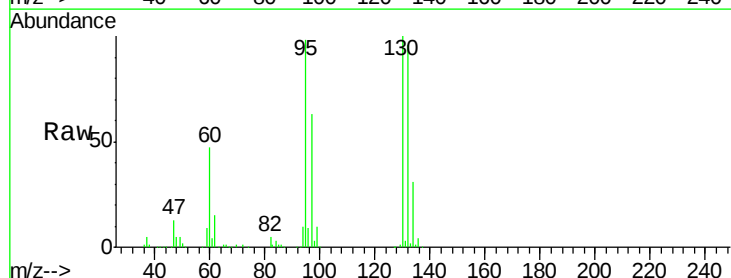
RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU024949.D

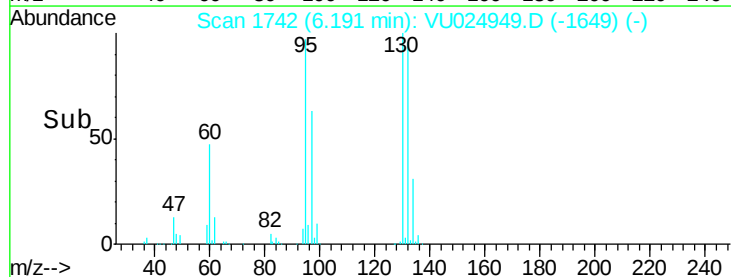
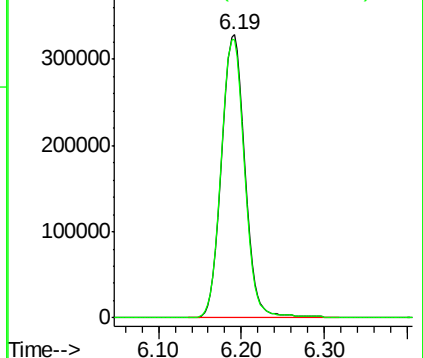
Acq: 27 Jun 2018 03:11

Tgt Ion:	130	Resp:	644329
Ion Ratio	Lower	Upper	
130	100		
95	98.3	0.0	202.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0





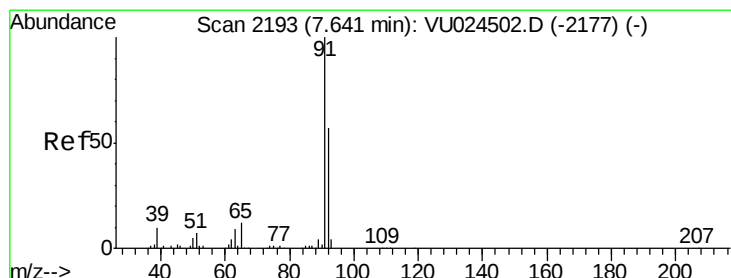
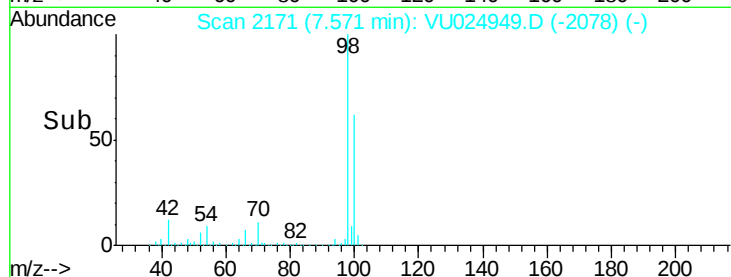
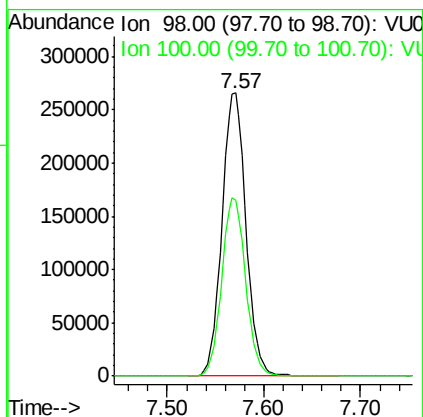
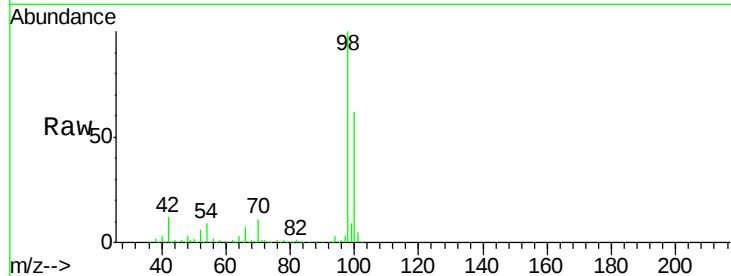
#50
Toluene-d8
Concen: 48.424 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VU024949.D
Acq: 27 Jun 2018 03:11

Instrument :
MSVOA_U
ClientSampleId :
WP021SB471-29-31-180619ME

Tgt Ion: 98 Resp: 457446
Ion Ratio Lower Upper
98 100
100 62.7 51.1 76.7

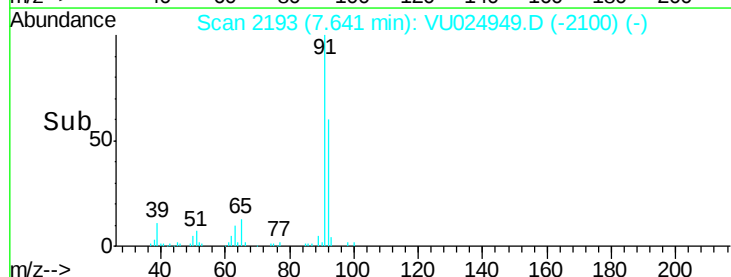
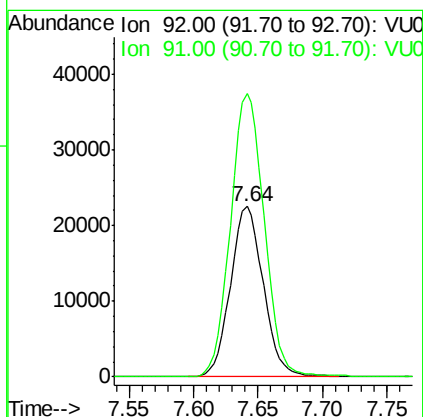
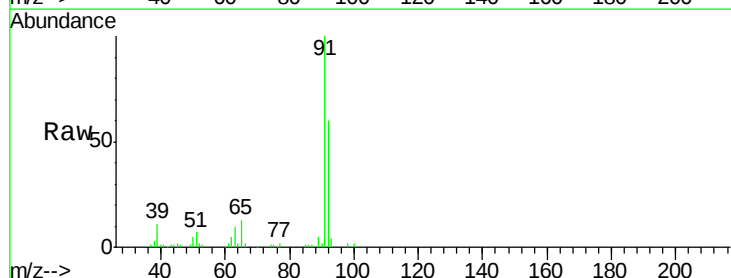
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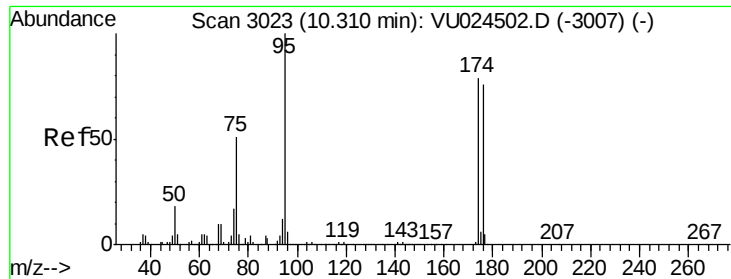
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#52
Toluene
Concen: 5.933 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. 0.00 min
Lab File: VU024949.D
Acq: 27 Jun 2018 03:11

Tgt Ion: 92 Resp: 39880
Ion Ratio Lower Upper
92 100
91 170.9 140.5 210.7





#62

4-Bromofluorobenzene

Concen: 44.663 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. 0.00 min

Lab File: VU024949.D

Acq: 27 Jun 2018 03:11

Instrument :

MSVOA_U

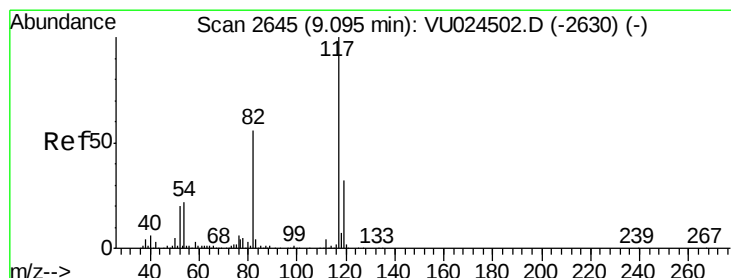
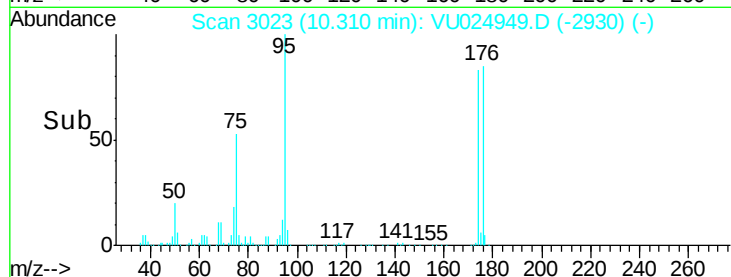
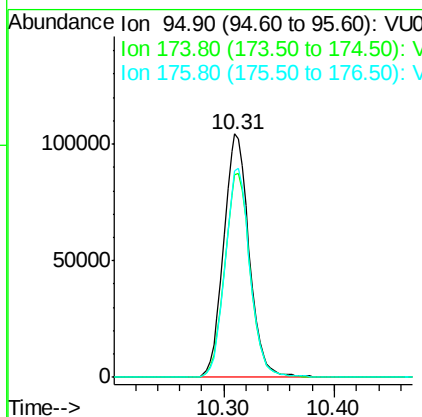
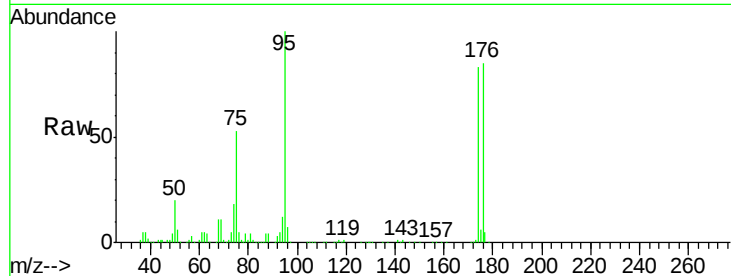
ClientSampleId :

WP021SB471-29-31-180619ME

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	167516		
174	83.7	0.0	165.8	
176	83.9	0.0	159.4	

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

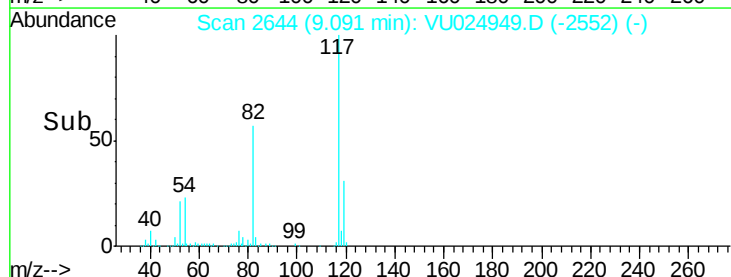
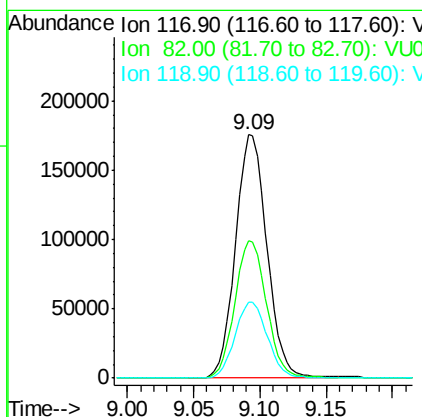
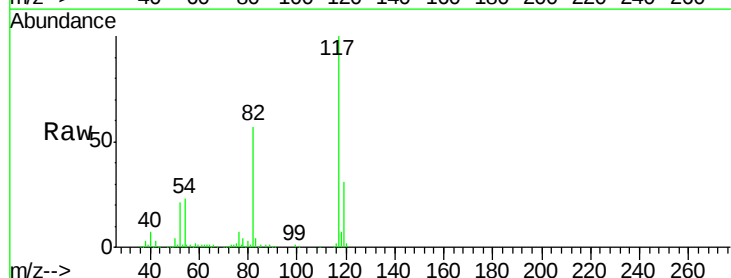
RT: 9.09 min Scan# 2644

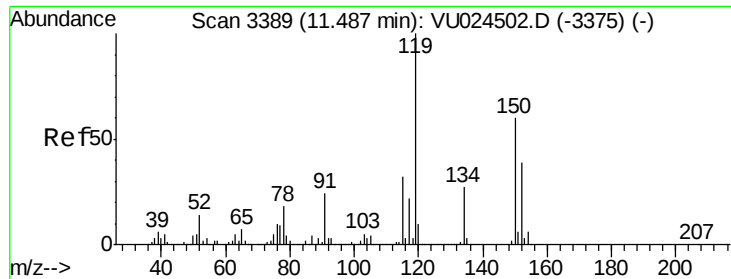
Delta R.T. -0.00 min

Lab File: VU024949.D

Acq: 27 Jun 2018 03:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	290195		
82	56.6	44.3	66.5	
119	31.3	25.4	38.2	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VU024949.D

Acq: 27 Jun 2018 03:11

Instrument :

MSVOA_U

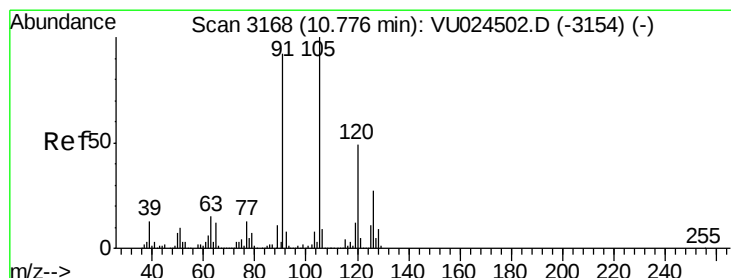
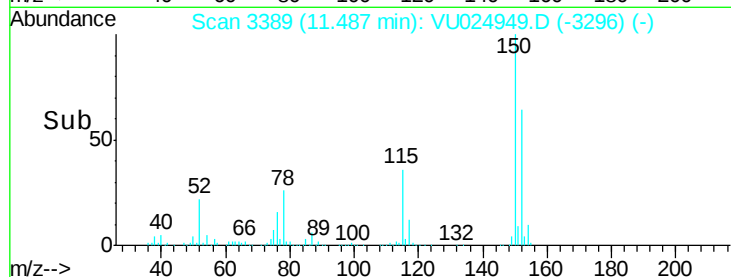
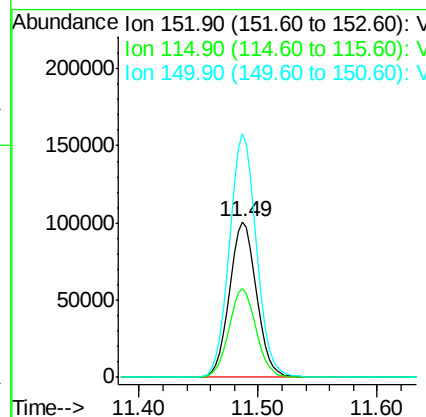
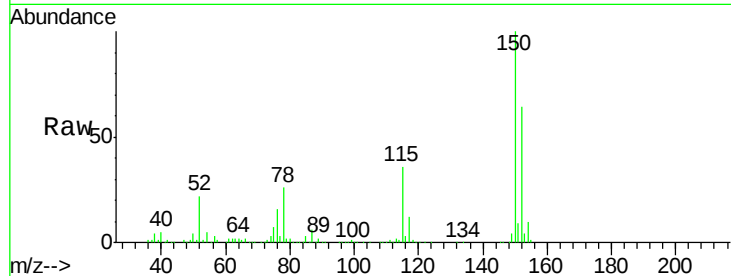
ClientSampleId :

WP021SB471-29-31-180619ME

Tgt Ion:	152	Resp:	158710
Ion Ratio	Lower	Upper	
152	100		
115	57.2	43.0	129.0
150	156.4	0.0	354.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 0.436 ug/l

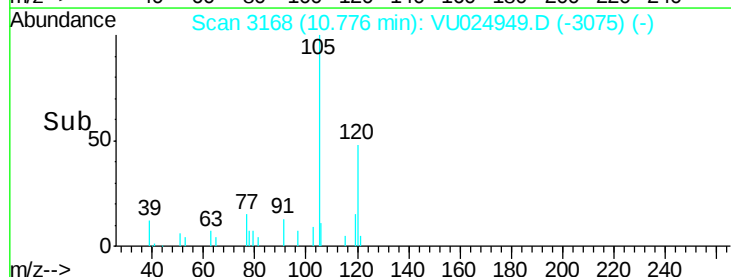
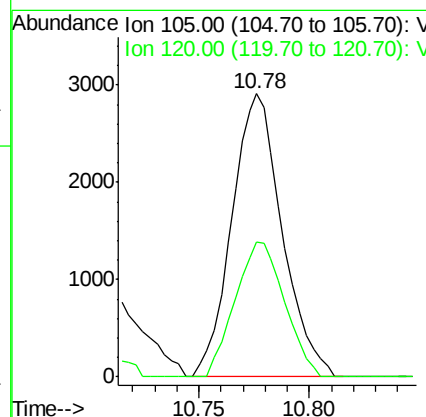
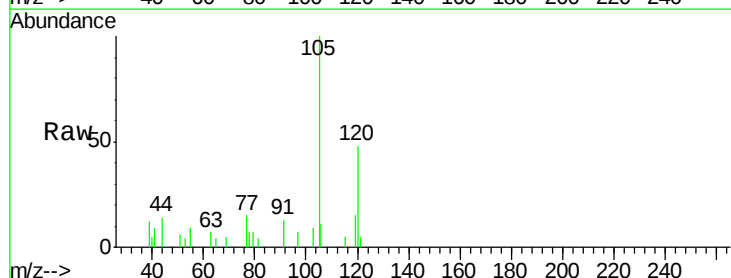
RT: 10.78 min Scan# 3168

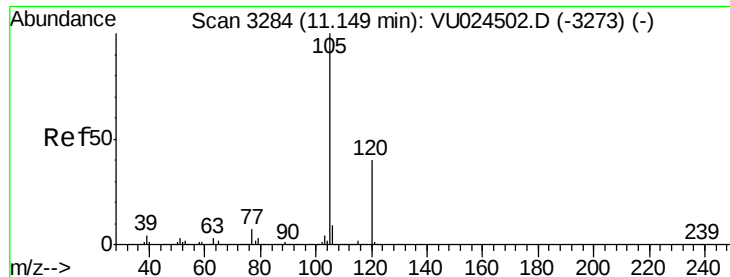
Delta R.T. 0.00 min

Lab File: VU024949.D

Acq: 27 Jun 2018 03:11

Tgt Ion:	105	Resp:	4605
Ion Ratio	Lower	Upper	
105	100		
120	46.8	24.1	72.2





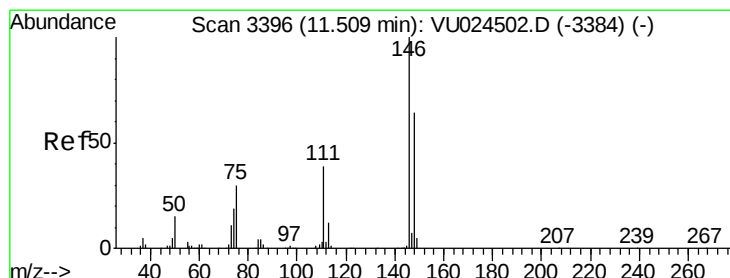
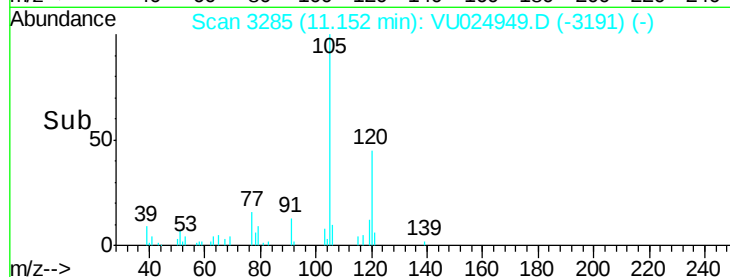
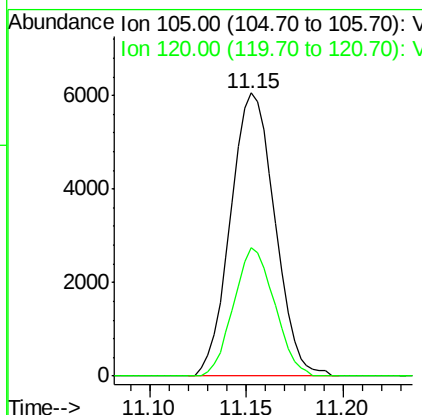
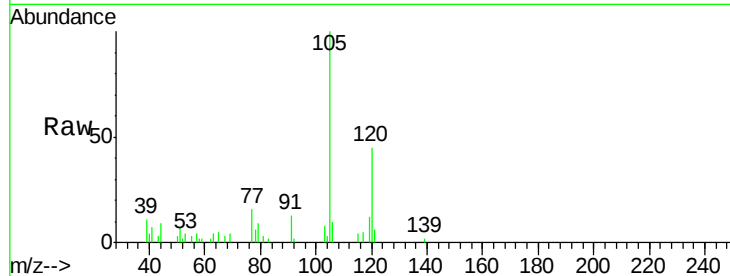
#84
 1,2,4-Trimethylbenzene
 Concen: 0.898 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024949.D
 Acq: 27 Jun 2018 03:11

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB471-29-31-180619ME

Tgt Ion:105 Resp: 9664
 Ion Ratio Lower Upper
 105 100
 120 41.7 22.6 67.8

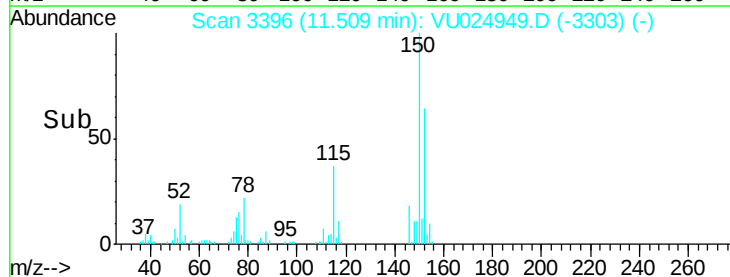
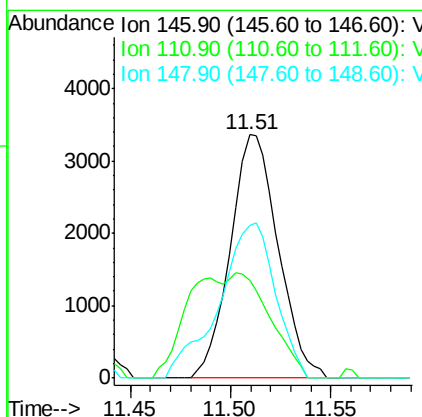
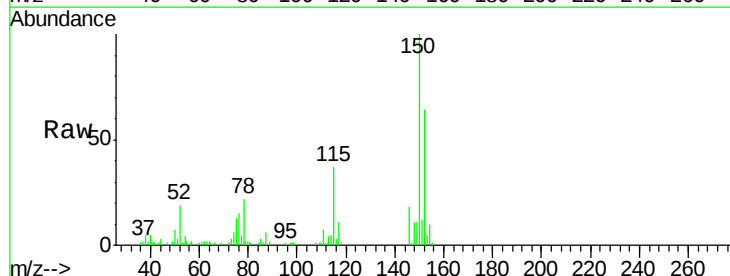
Manual Integrations
 APPROVED

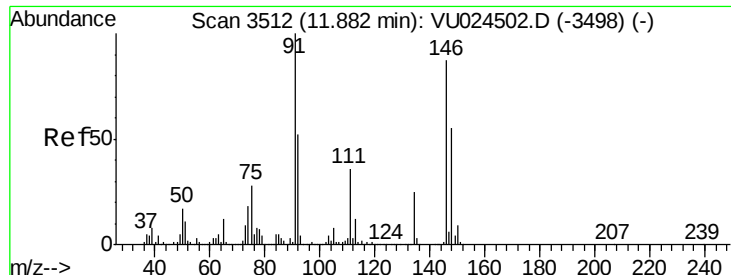
MMDadoda
 6/28/2018 4:37:24 PM



#88
 1,4-Dichlorobenzene
 Concen: 0.959 ug/l m
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024949.D
 Acq: 27 Jun 2018 03:11

Tgt Ion:146 Resp: 5501
 Ion Ratio Lower Upper
 146 100
 111 15.4 19.5 58.5#
 148 15.4 32.4 97.0#





#91

1,2-Dichlorobenzene

Concen: 5.492 ug/l

RT: 11.88 min Scan# 3512

Delta R.T. 0.00 min

Lab File: VU024949.D

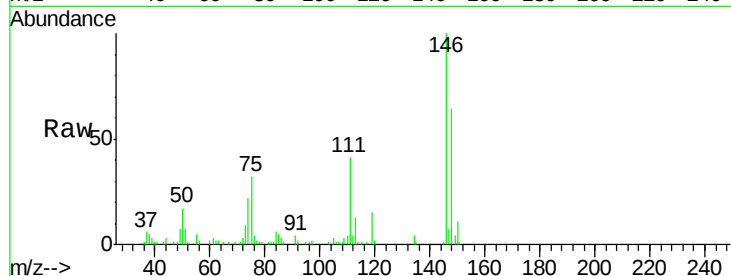
Acq: 27 Jun 2018 03:11

Instrument :

MSVOA_U

ClientSampleId :

WP021SB471-29-31-180619ME



Tgt Ion:	146	Resp:	31349
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.5	61.6
148	64.4	31.9	95.7

Manual Integrations
APPROVED

MMDadoda
6/28/2018 4:37:24 PM

