

Data File : VU025013.D
Acq On : 28 Jun 2018 12:14
Operator : MD/SY
Sample : J3670-09ME
Misc : 7.03g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-25-27-180621ME

Manual Integrations
APPROVED

MMDadoda
6/29/2018 4:23:31 PM

Quant Time: Jul 06 05:07:52 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	223552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	338344	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	330067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	188612	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	169656	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	4.89	113	129106	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
50) Toluene-d8	7.57	98	495760	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
62) 4-Bromofluorobenzene	10.32	95	204037	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.40	62	33262	11.282	ug/l	97
12) 1,1-Dichloroethene	2.26	96	2790	1.096	ug/l	97
21) trans-1,2-Dichloroethene	2.97	96	1810	0.646	ug/l	91
27) cis-1,2-Dichloroethene	4.22	96	665229	206.390	ug/l	89
40) Benzene	5.39	78	7930	0.700	ug/l	99
44) Trichloroethene	6.18	130	312866	97.038	ug/l	94
65) Chlorobenzene	9.12	112	23790	2.821	ug/l	94
88) 1,4-Dichlorobenzene	11.51	146	7534m	1.105	ug/l	
91) 1,2-Dichlorobenzene	11.89	146	29577	4.360	ug/l	98
95) Naphthalene	13.75	128	11146	1.472	ug/l	97

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

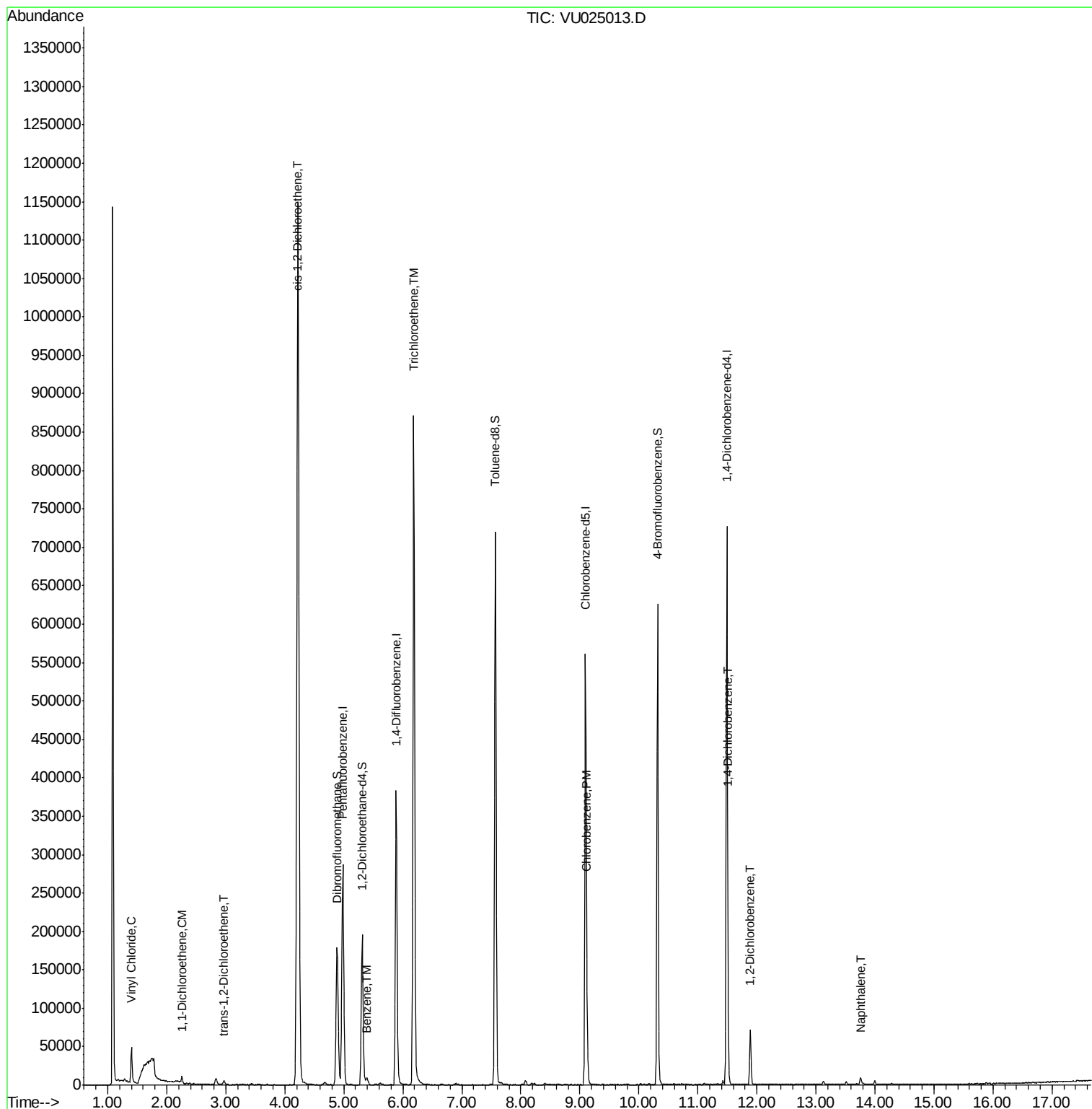
Data File : VU025013.D
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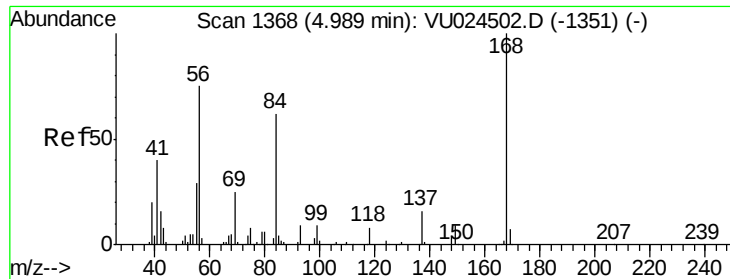
Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-25-27-180621ME

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Quant Time: Jul 06 05:07:52 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: 4.98 min Scan# 1366

Delta R.T. -0.01 min

Lab File: VU025013.D

Acq: 28 Jun 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-25-27-180621ME

Tgt Ion: 168 Resp: 22352

Ion Ratio Lower Upper

168 100

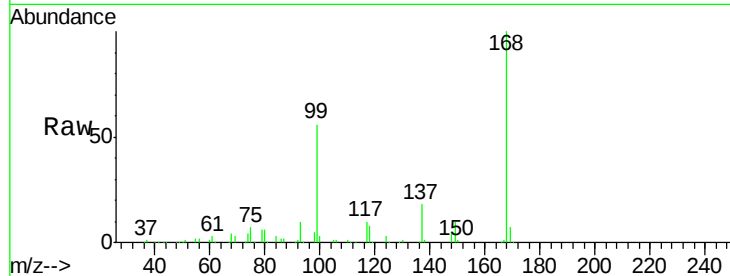
99 56.3 43.2 64.8

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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

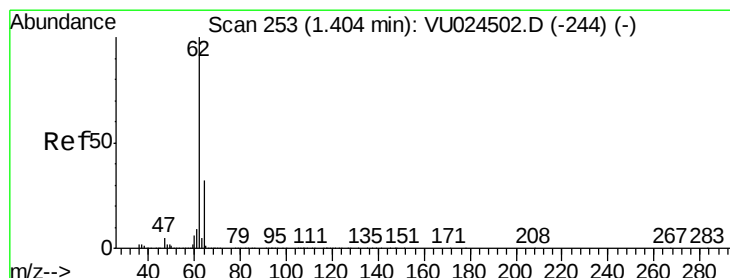
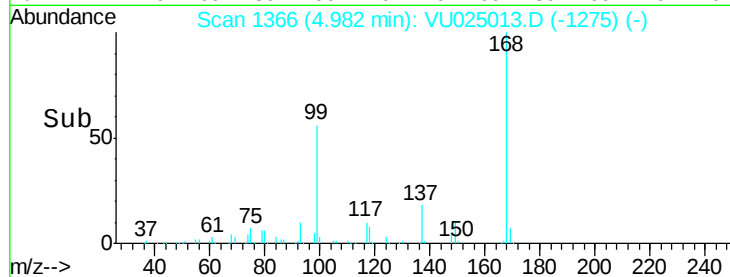
40000

20000

0

4.90 5.00 5.10

Time-->



#4

Vinyl Chloride

Concen: 11.282 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025013.D

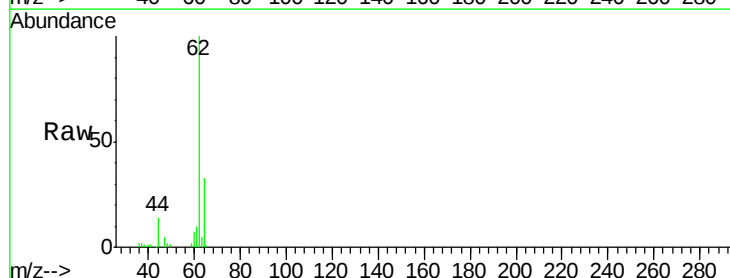
Acq: 28 Jun 2018 12:14

Tgt Ion: 62 Resp: 33262

Ion Ratio Lower Upper

62 100

64 32.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU024502.D (-244) (-)

Ion 63.90 (63.60 to 64.60): VU024502.D (-244) (-)

1.40

30000

25000

20000

15000

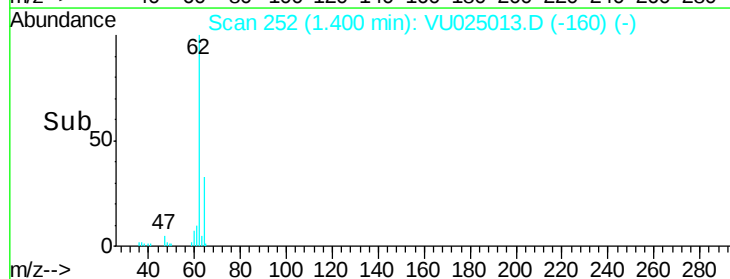
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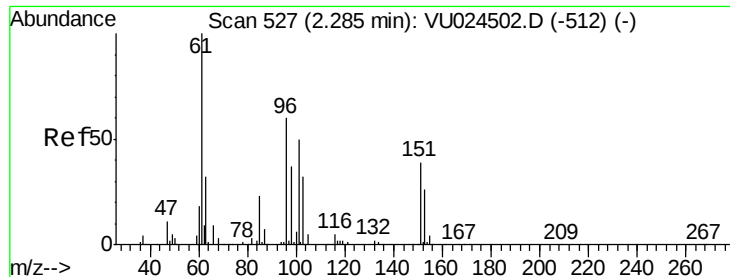
5000

0

1.35 1.40 1.45

Time-->





#12

1,1-Dichloroethene

Concen: 1.096 ug/l

RT: 2.26 min Scan# 518

Delta R.T. -0.03 min

Lab File: VU025013.D

Acq: 28 Jun 2018 12:14

Instrument :

MSVOA_U

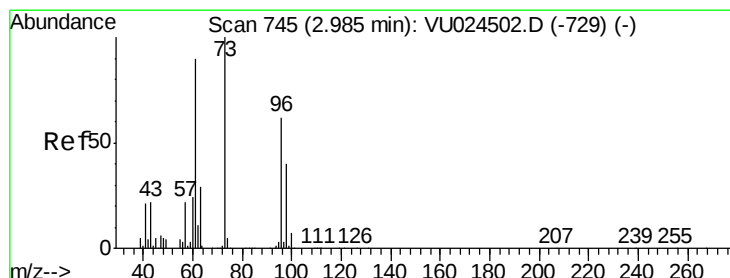
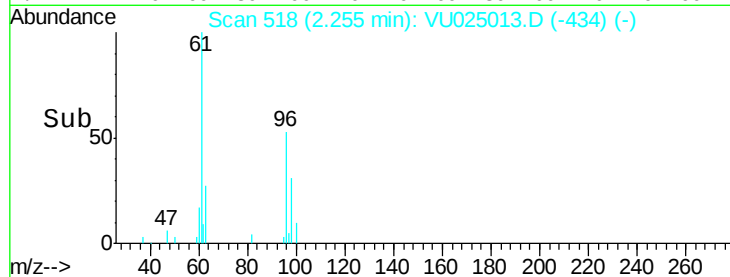
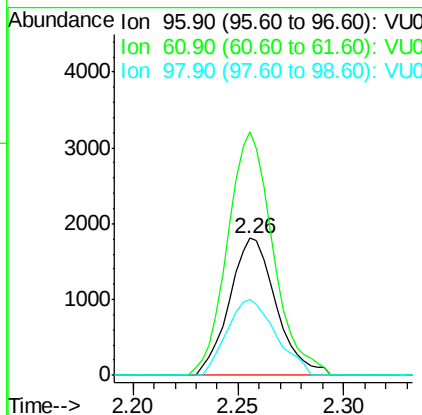
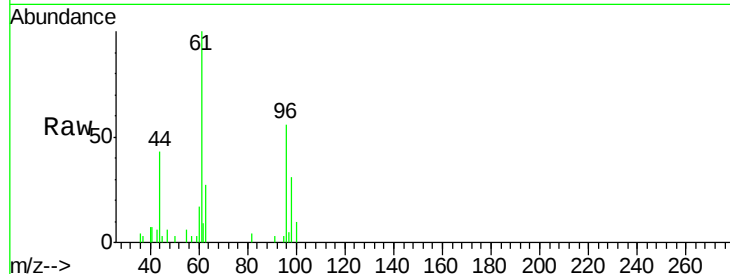
ClientSampleId :

WP021SB487-25-27-180621ME

Tgt Ion:	96	Resp:	2790
Ion	Ratio	Lower	Upper
96	100		
61	177.3	141.7	212.5
98	55.3	51.6	77.4

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#21

trans-1,2-Dichloroethene

Concen: 0.646 ug/l

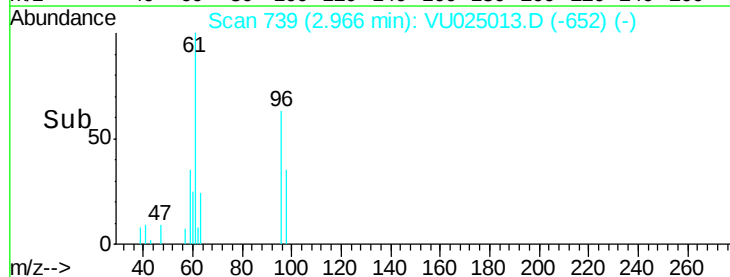
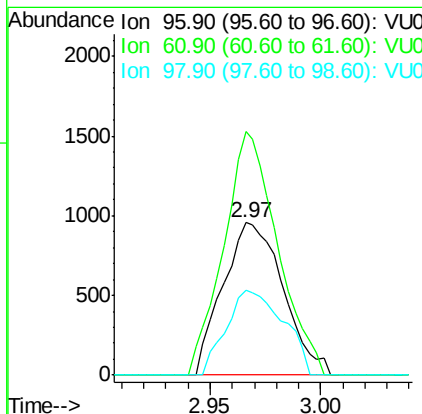
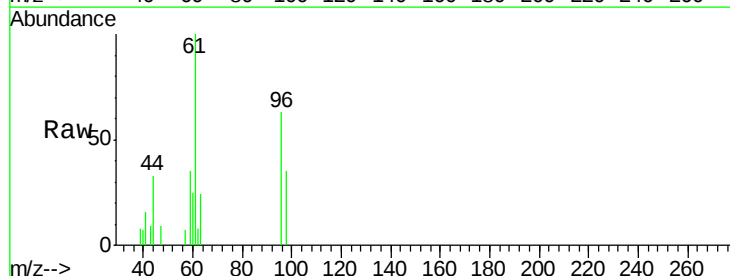
RT: 2.97 min Scan# 739

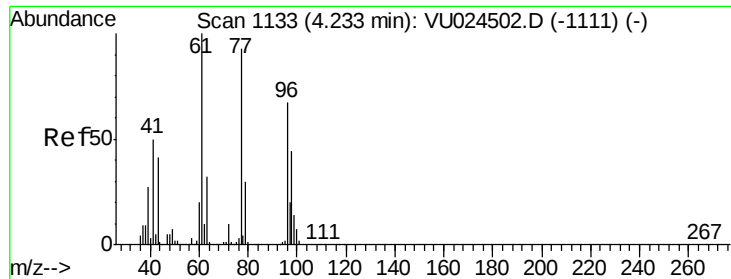
Delta R.T. -0.02 min

Lab File: VU025013.D

Acq: 28 Jun 2018 12:14

Tgt Ion:	96	Resp:	1810
Ion	Ratio	Lower	Upper
96	100		
61	159.8	119.4	179.0
98	56.0	51.1	76.7





#27

cis-1,2-Dichloroethene

Concen: 206.390 ug/l

RT: 4.22 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VU025013.D

Acq: 28 Jun 2018 12:14

Instrument :

MSVOA_U

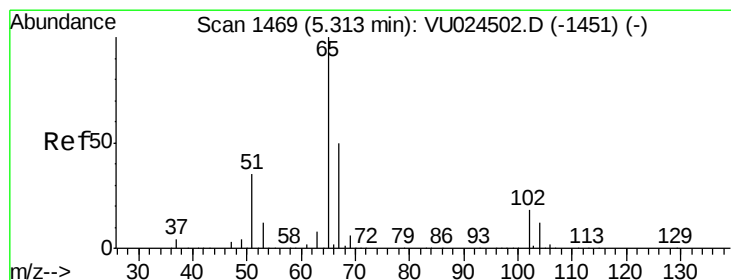
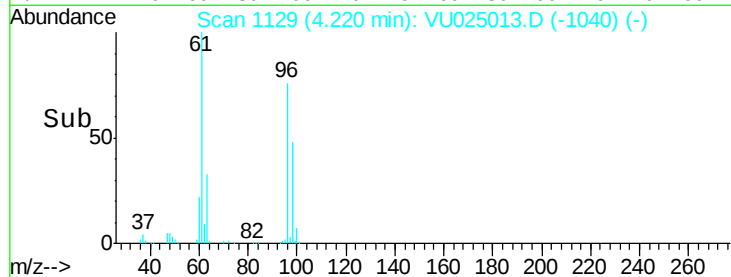
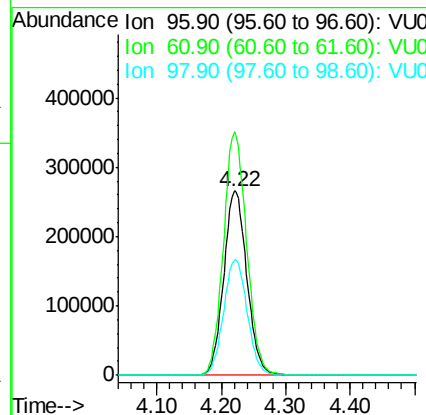
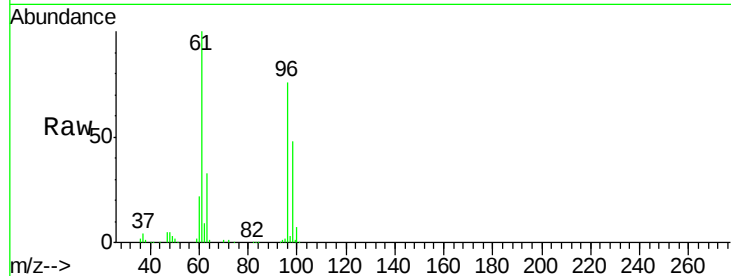
ClientSampleId :

WP021SB487-25-27-180621ME

Tgt Ion:	96	Resp:	665229
Ion Ratio	Lower	Upper	
96	100		
61	132.6	0.0	306.6
98	64.1	0.0	128.8

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#33

1,2-Dichloroethane-d4

Concen: 46.487 ug/l

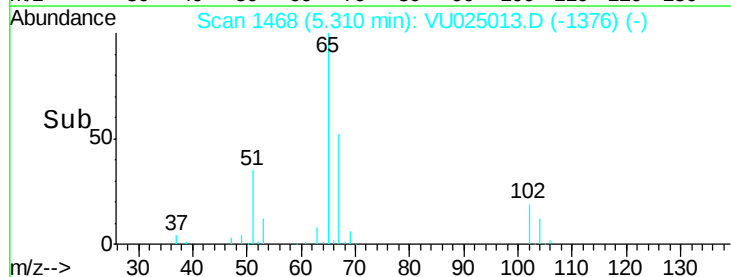
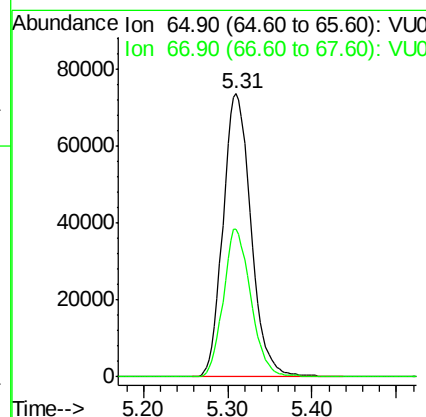
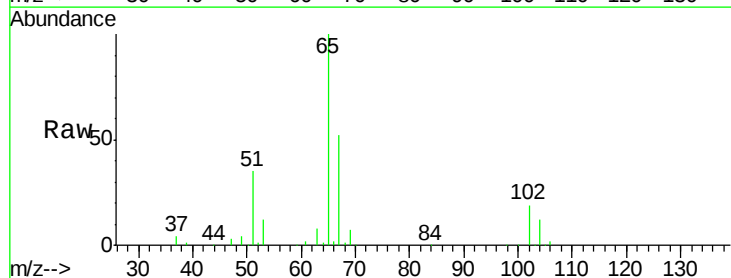
RT: 5.31 min Scan# 1468

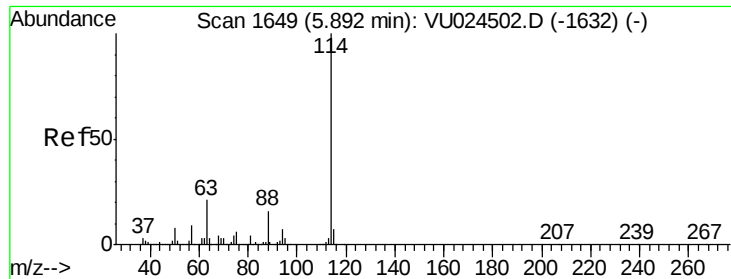
Delta R.T. -0.00 min

Lab File: VU025013.D

Acq: 28 Jun 2018 12:14

Tgt Ion:	65	Resp:	169656
Ion Ratio	Lower	Upper	
65	100		
67	51.5	0.0	107.0





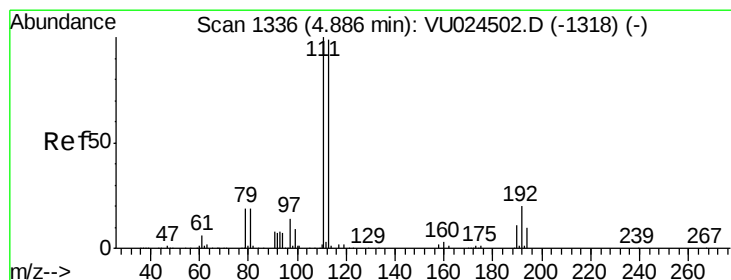
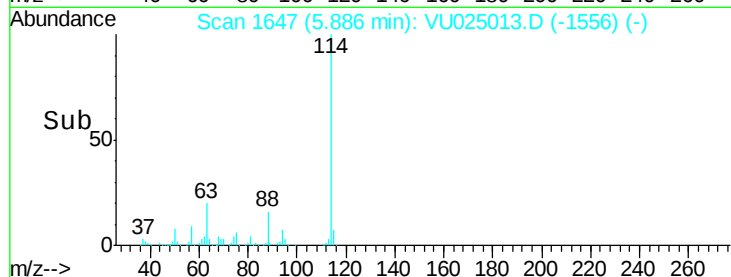
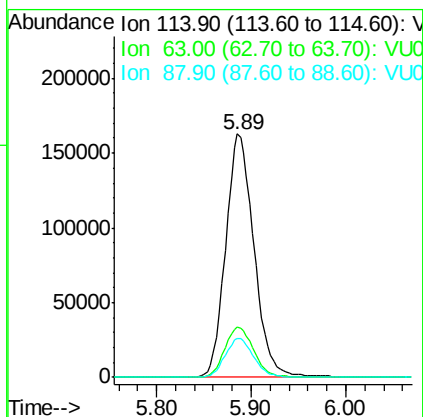
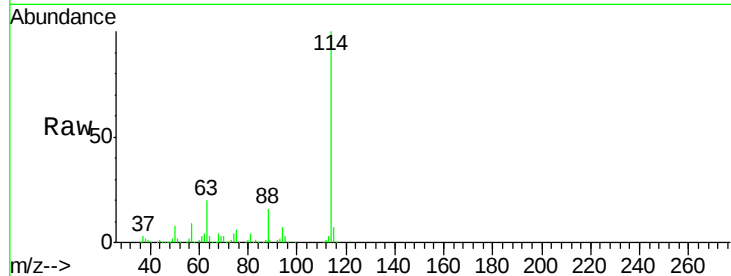
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: VU025013.D
 Acq: 28 Jun 2018 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-25-27-180621ME

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	338344		
63	20.5	0.0	45.4	
88	16.1	0.0	31.0	

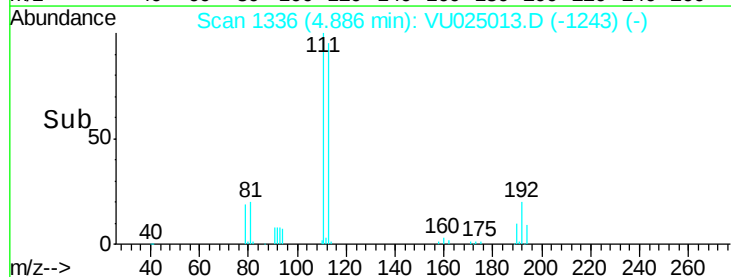
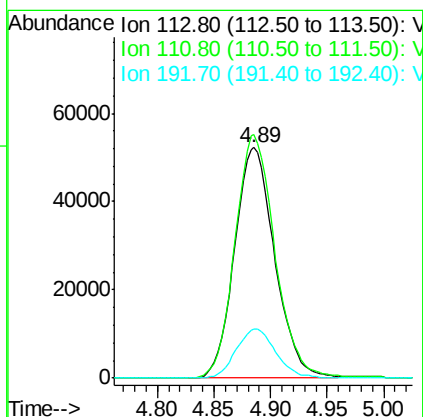
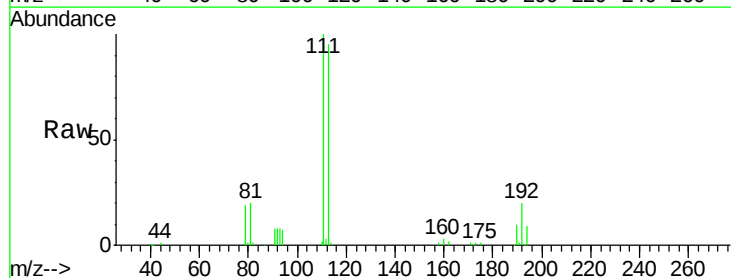
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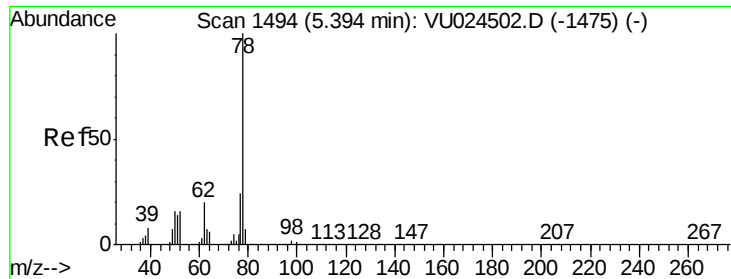
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#35
 Dibromofluoromethane
 Concen: 45.978 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025013.D
 Acq: 28 Jun 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	129106		
111	105.4	82.2	123.4	
192	21.1	16.2	24.4	





#40

Benzene

Concen: 0.700 ug/l

RT: 5.39 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VU025013.D

Acq: 28 Jun 2018 12:14

Instrument :

MSVOA_U

ClientSampleId :

WP021SB487-25-27-180621ME

Tgt Ion: 78 Resp: 7930

Ion Ratio Lower Upper

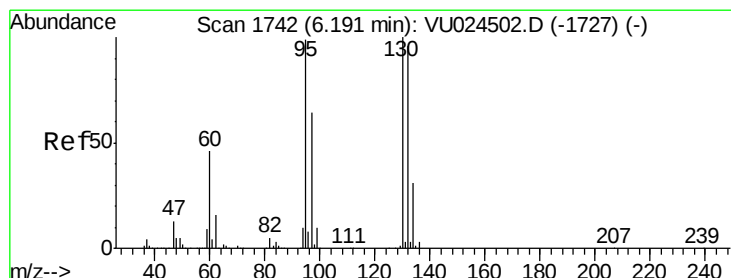
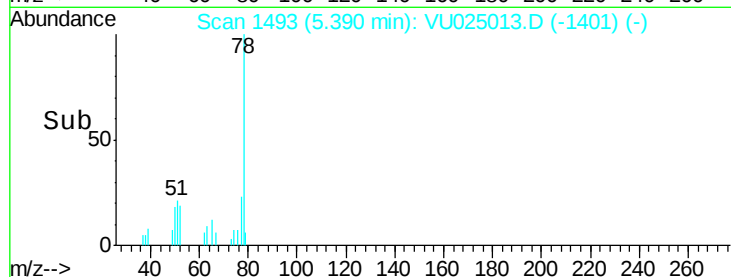
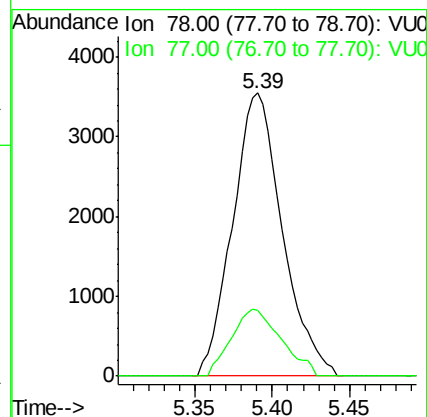
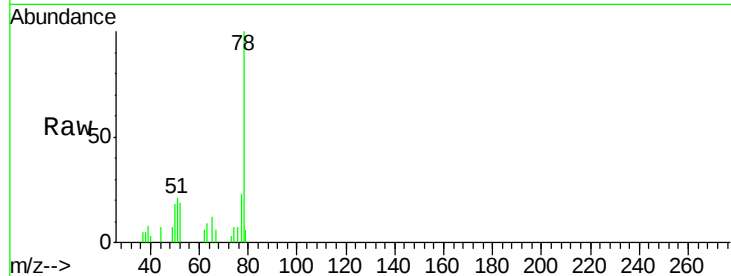
78 100

77 23.4 19.2 28.8

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#44

Trichloroethene

Concen: 97.038 ug/l

RT: 6.18 min Scan# 1740

Delta R.T. -0.01 min

Lab File: VU025013.D

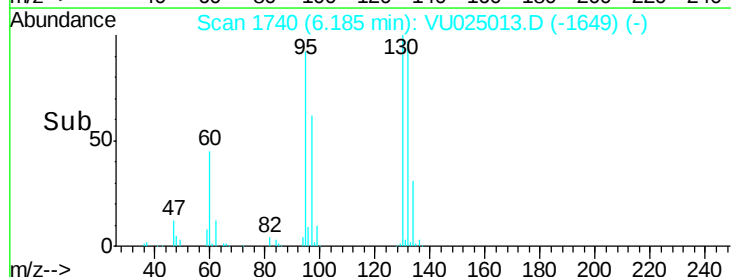
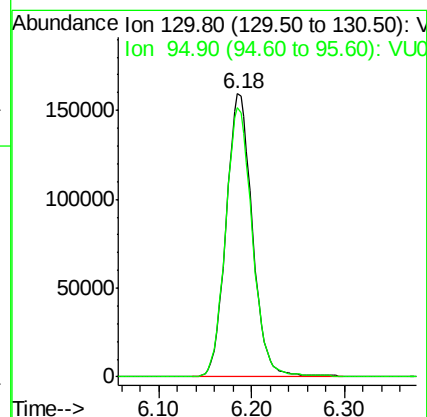
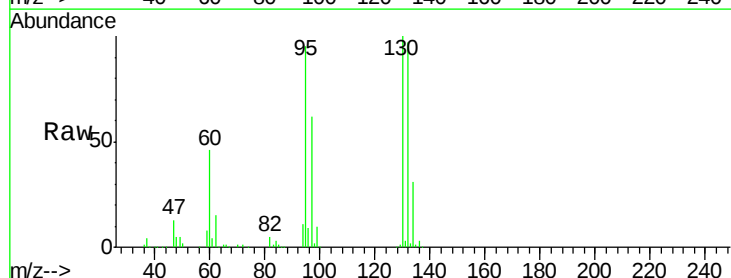
Acq: 28 Jun 2018 12:14

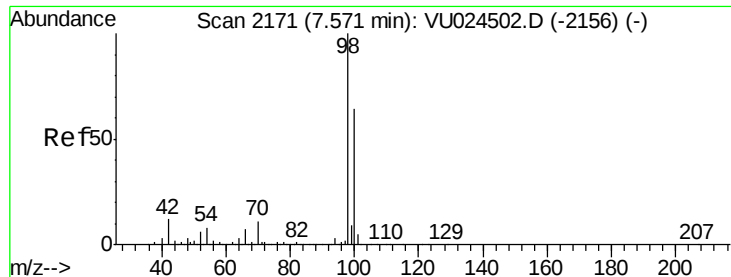
Tgt Ion: 130 Resp: 312866

Ion Ratio Lower Upper

130 100

95 95.2 0.0 202.4





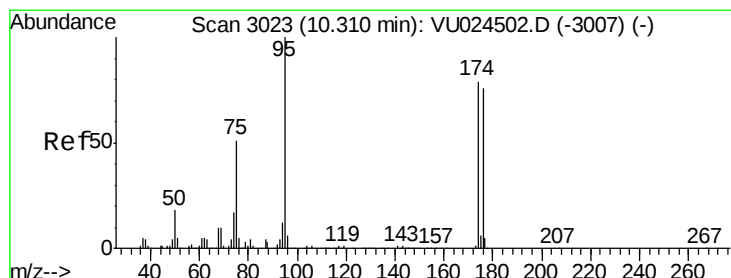
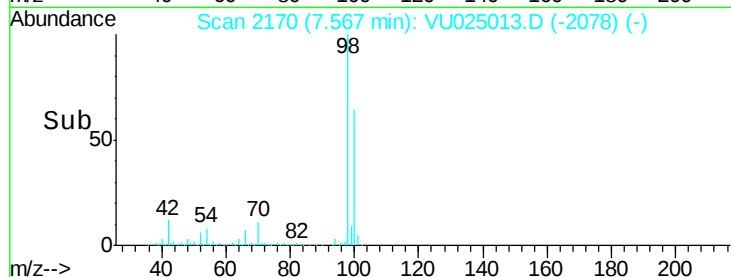
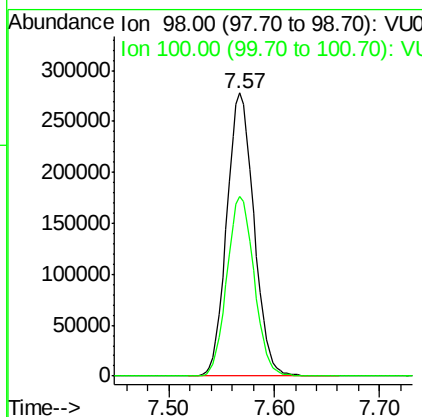
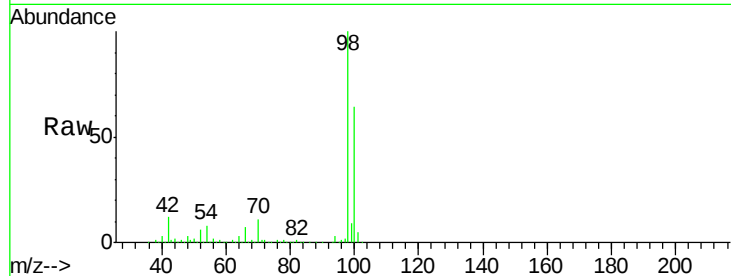
#50
Toluene-d8
Concen: 48.403 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025013.D
Acq: 28 Jun 2018 12:14

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ClientSampleId :
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Tgt Ion: 98 Resp: 495760
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7

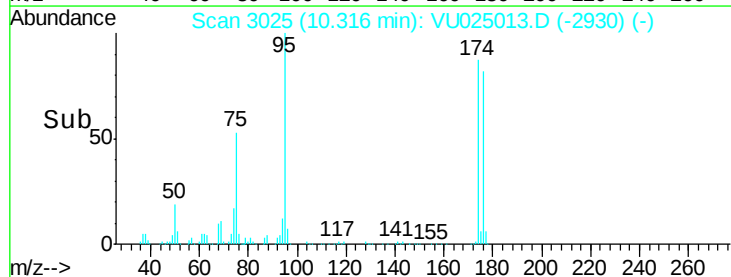
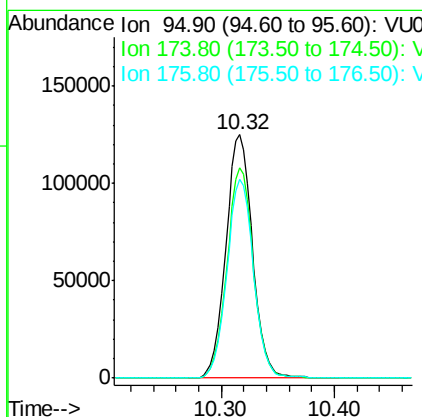
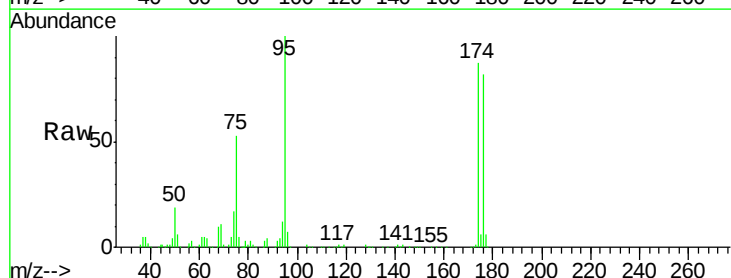
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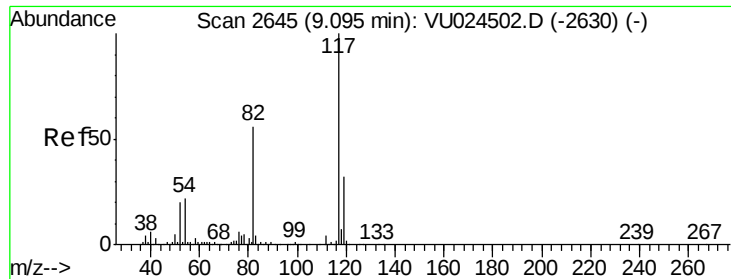
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#62
4-Bromofluorobenzene
Concen: 50.173 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU025013.D
Acq: 28 Jun 2018 12:14

Tgt Ion: 95 Resp: 204037
Ion Ratio Lower Upper
95 100
174 85.9 0.0 165.8
176 81.9 0.0 159.4





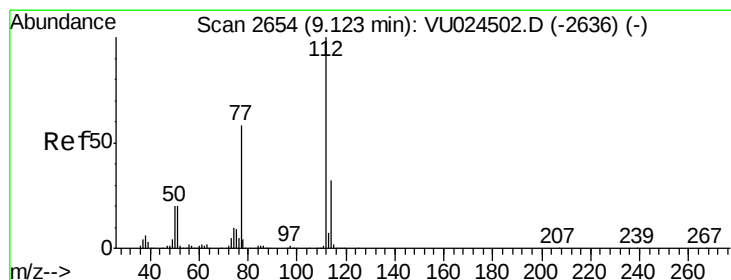
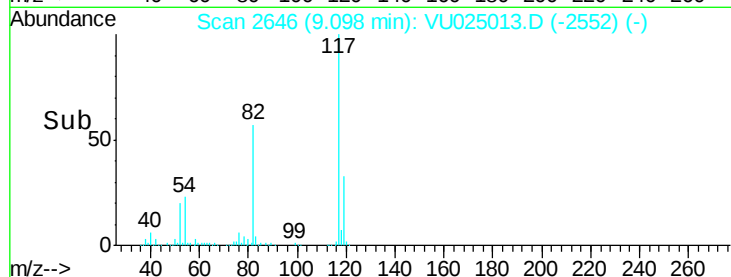
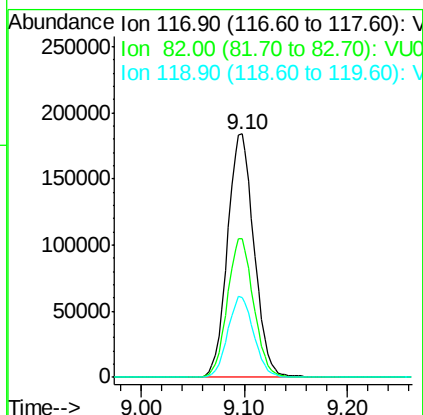
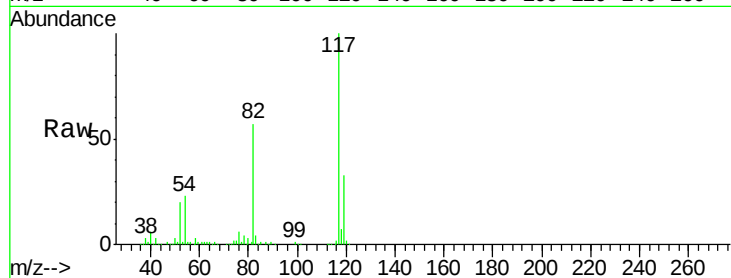
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025013.D
Acq: 28 Jun 2018 12:14

Instrument :
MSVOA_U
ClientSampleId :
WP021SB487-25-27-180621ME

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	56.8	44.3	66.5
119	33.0	25.4	38.2

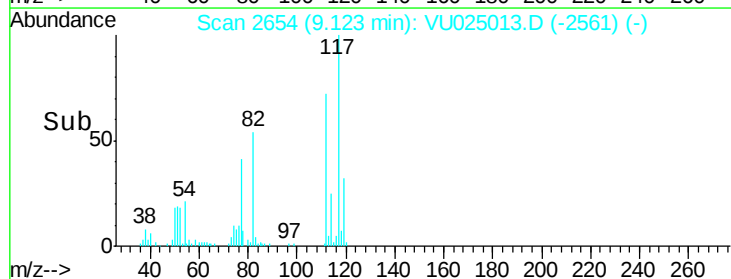
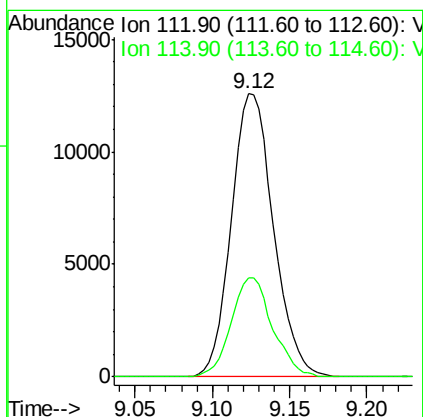
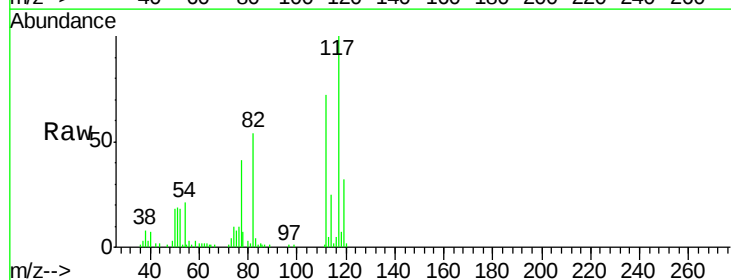
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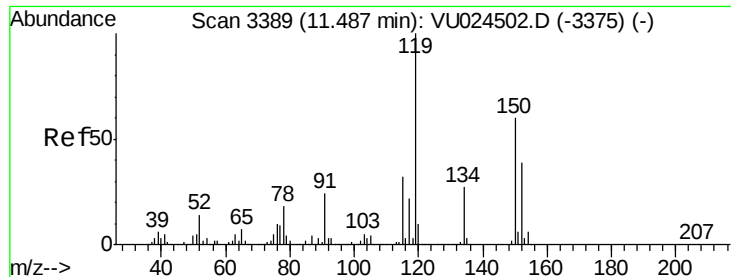
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#65
Chlorobenzene
Concen: 2.821 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025013.D
Acq: 28 Jun 2018 12:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
112	100		
114	35.2	25.6	38.4





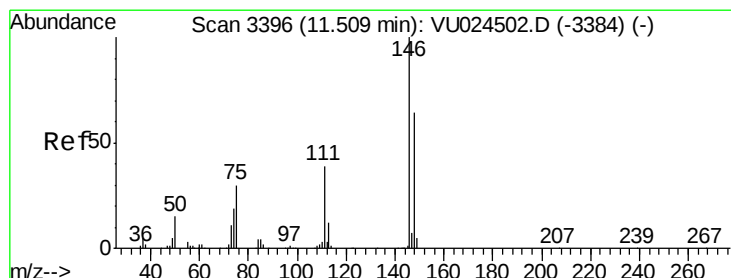
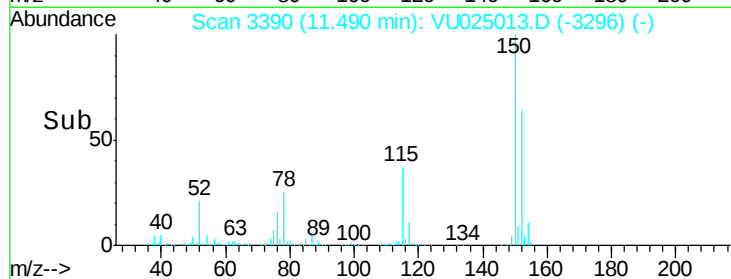
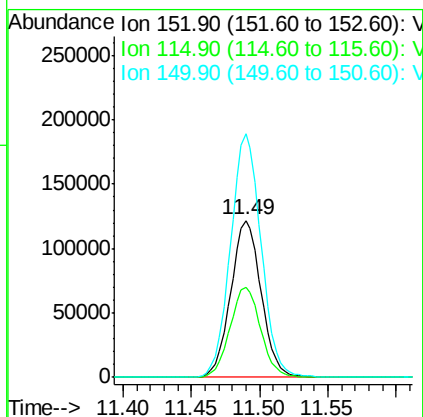
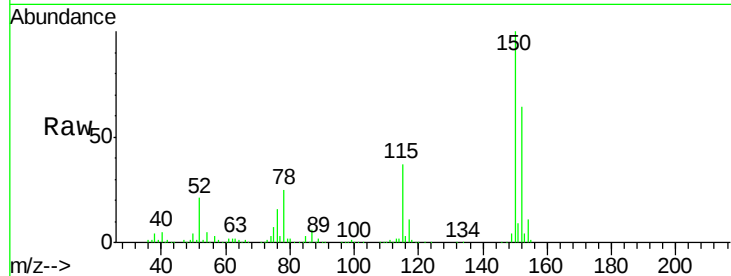
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VU025013.D
 Acq: 28 Jun 2018 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-25-27-180621ME

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	188612		
115	57.9	43.0	129.0	
150	155.9	0.0	354.0	

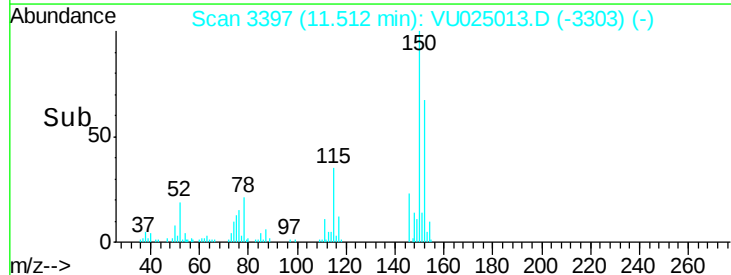
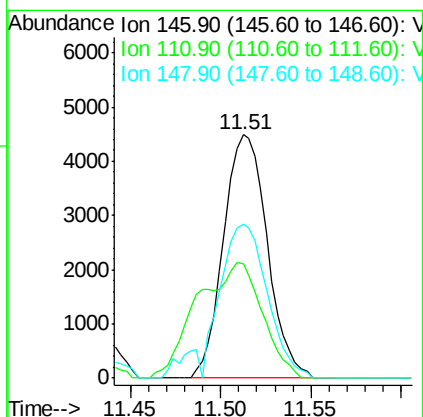
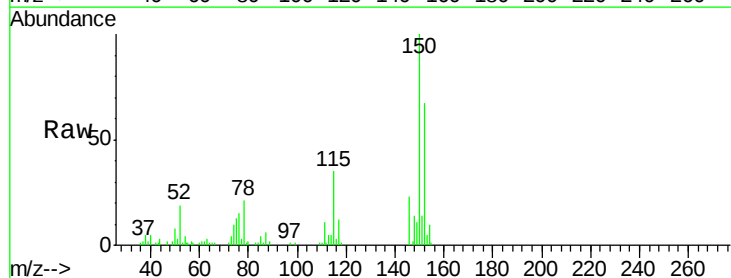
Manual Integrations
 APPROVED

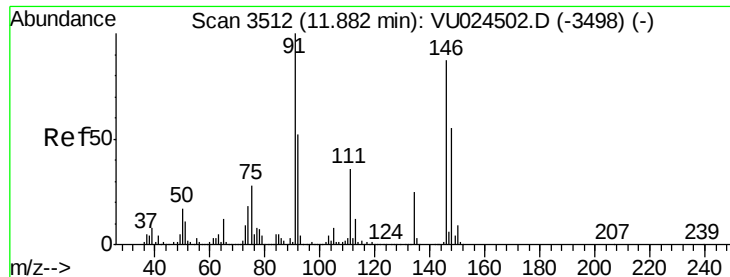
MMDadoda
 6/29/2018 4:23:31 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.105 ug/l m
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025013.D
 Acq: 28 Jun 2018 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	7534		
111	11.8	19.5	58.5#	
148	19.5	32.4	97.0#	





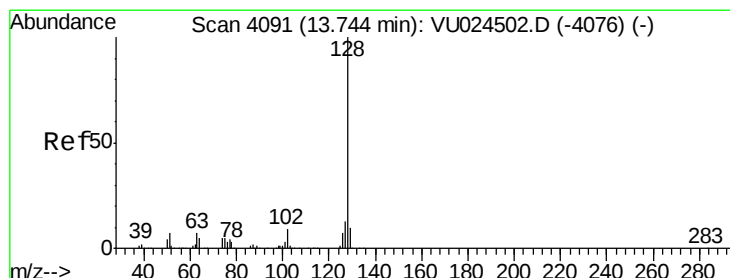
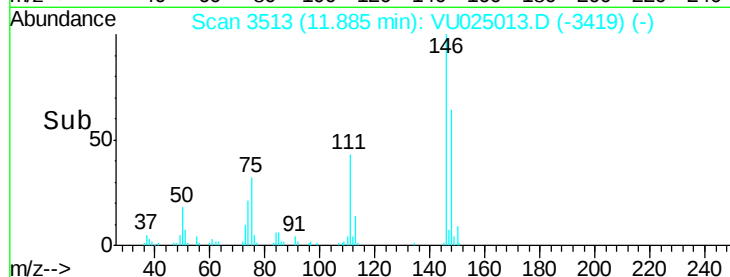
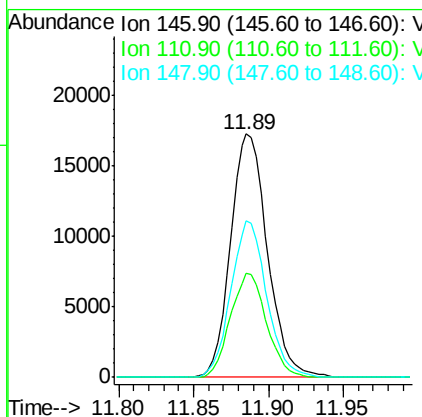
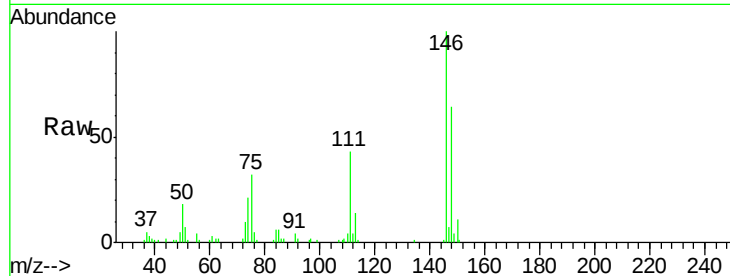
#91
 1,2-Dichlorobenzene
 Concen: 4.360 ug/l
 RT: 11.89 min Scan# 3513
 Delta R.T. 0.00 min
 Lab File: VU025013.D
 Acq: 28 Jun 2018 12:14

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB487-25-27-180621ME

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.5	61.6
148	62.3	31.9	95.7

Manual Integrations
 APPROVED

MMDadoda
 6/29/2018 4:23:31 PM



#95
 Naphthalene
 Concen: 1.472 ug/l
 RT: 13.75 min Scan# 4094
 Delta R.T. 0.01 min
 Lab File: VU025013.D
 Acq: 28 Jun 2018 12:14

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.6	16.0
129	10.0	8.6	12.8

