

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062818\
 Data File : VU025056.D
 Acq On : 29 Jun 2018 06:25
 Operator : MD/SY
 Sample : J3671-20ME
 Misc : 5.76g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

Manual Integrations
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 6/29/2018 4:23:48 PM

Quant Time: Jun 29 09:00:49 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	245229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	367290	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	359629	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	212134	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	181282	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
35) Dibromofluoromethane	4.89	113	141761	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
50) Toluene-d8	7.57	98	543437	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	10.32	95	225072	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.40	62	12789	3.95	ug/l	98
39) Methylcyclohexane	6.41	83	7068	1.31	ug/l	96
40) Benzene	5.39	78	23962	1.95	ug/l	96
65) Chlorobenzene	9.13	112	564874	61.48	ug/l	100
73) Isopropylbenzene	10.17	105	15879	0.97	ug/l	98
83) tert-Butylbenzene	11.11	119	20262	1.49	ug/l	89
84) 1,2,4-Trimethylbenzene	11.16	105	3959	0.28	ug/l	99
85) sec-Butylbenzene	11.33	105	55154	3.24	ug/l	98
87) 1,3-Dichlorobenzene	11.43	146	13587m	1.78	ug/l	
88) 1,4-Dichlorobenzene	11.51	146	69181	9.02	ug/l	98
89) n-Butylbenzene	11.90	91	11349m	0.84	ug/l	
91) 1,2-Dichlorobenzene	11.89	146	108675m	14.24	ug/l	
95) Naphthalene	13.75	128	15784	1.68	ug/l #	92

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

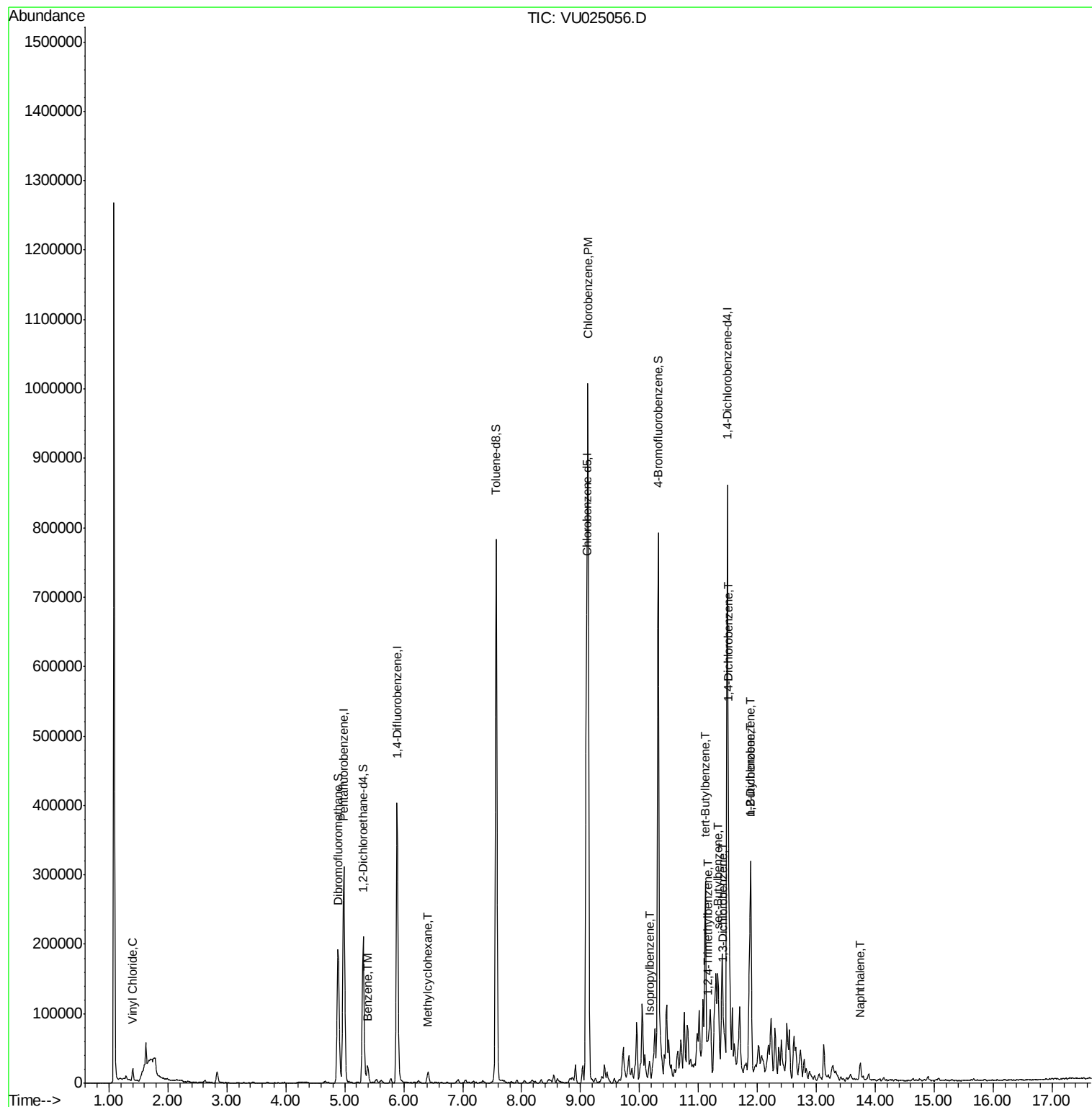
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062818\
Data File : VU025056.D
Acq On : 29 Jun 2018 06:25
Operator : MD/SY
Sample : J3671-20ME
Misc : 5.76g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 52 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WP021SB481-21-23-180621ME

Manual Integrations
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6/29/2018 4:23:48 PM

Quant Time: Jun 29 09:00:49 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: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-21-23-180621ME

Tot Ion:168 Resp: 245229

Ion Ratio Lower Upper

168 100

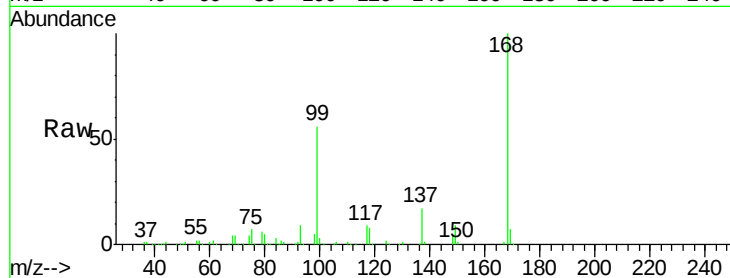
99 55.7 43.2 64.8

Manual Integrations

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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

120000

100000

80000

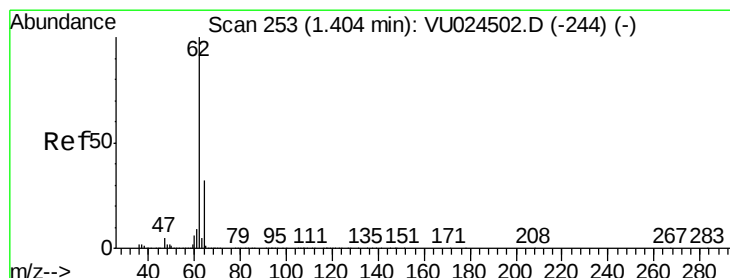
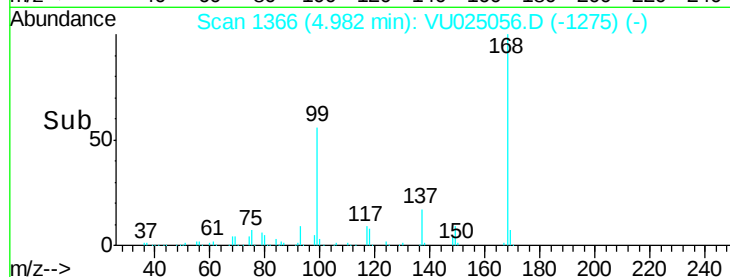
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 3.95 ug/l

RT: 1.40 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU025056.D

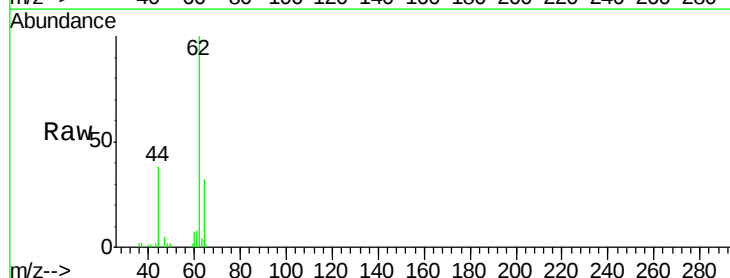
Acq: 29 Jun 2018 06:25

Tgt Ion: 62 Resp: 12789

Ion Ratio Lower Upper

62 100

64 32.3 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

12000

10000

8000

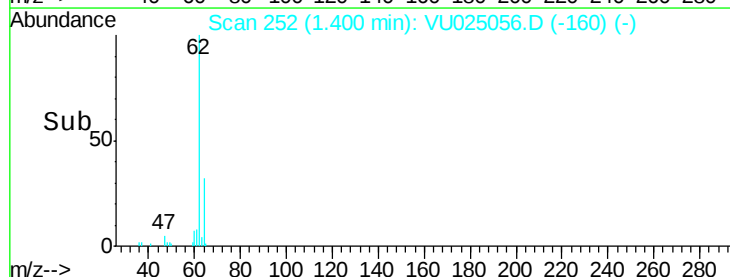
6000

4000

2000

0

Time-->





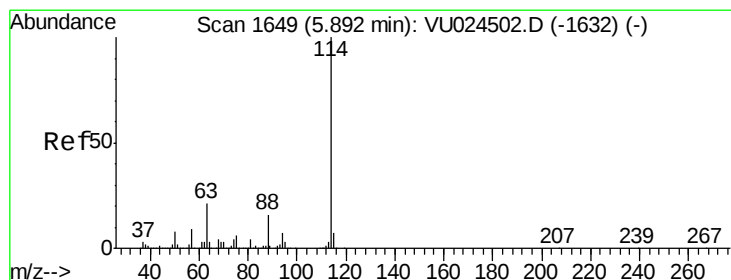
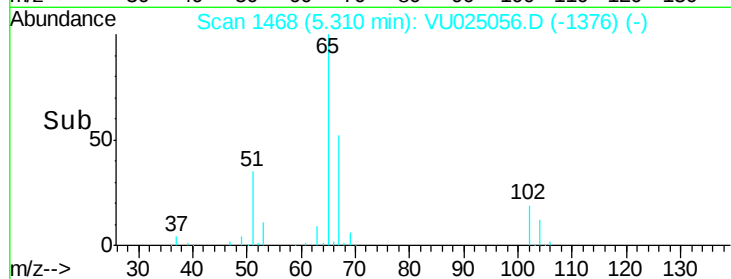
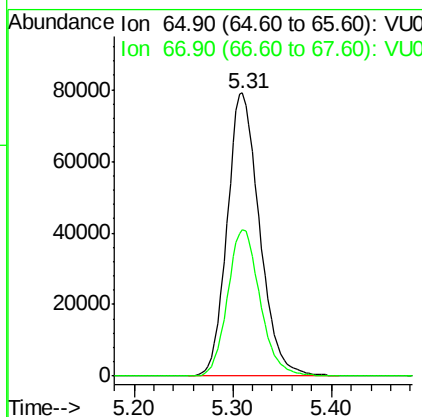
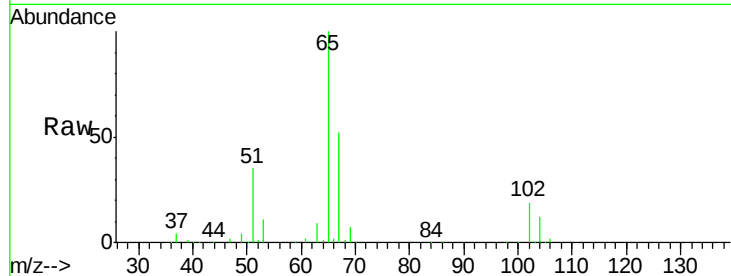
#33
 1,2-Dichloroethane-d4
 Concen: 45.28 ug/l
 RT: 5.31 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

Tot Ion	Ratio	Resp	Lower	Upper
65	100	181282		
67	52.0	0.0	0.0	107.0

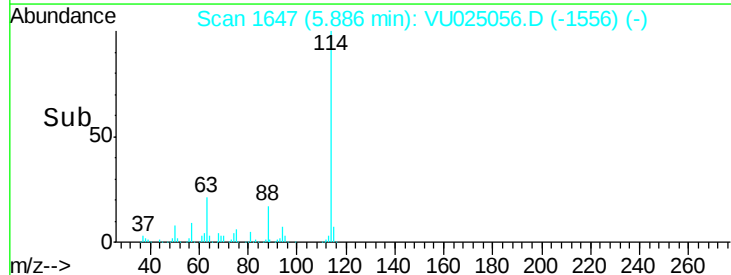
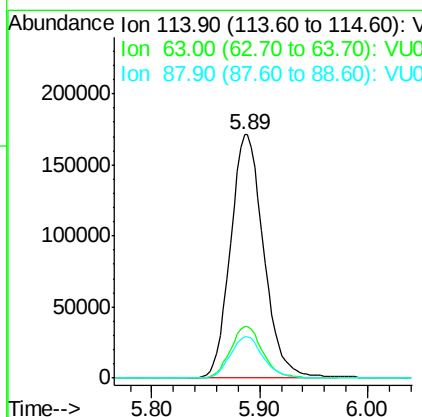
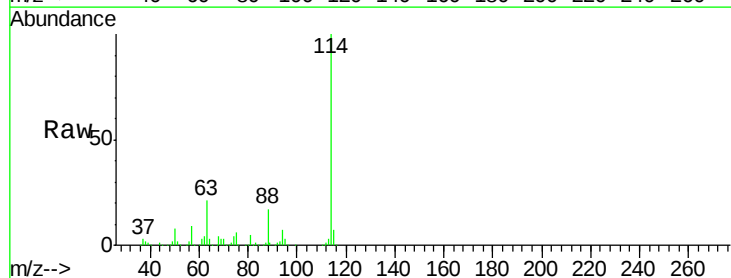
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1647
 Delta R.T. -0.01 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	367290		
63	21.2	0.0	0.0	45.4
88	17.0	0.0	0.0	31.0





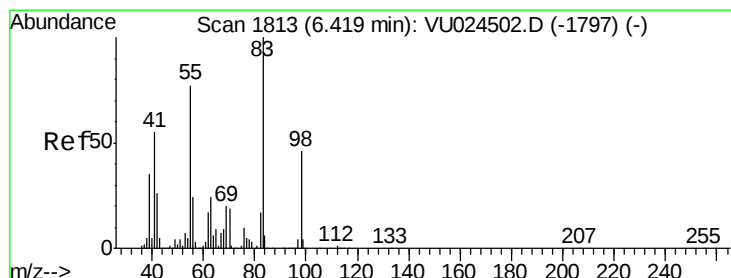
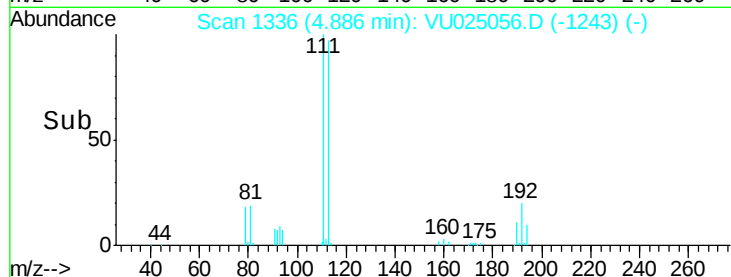
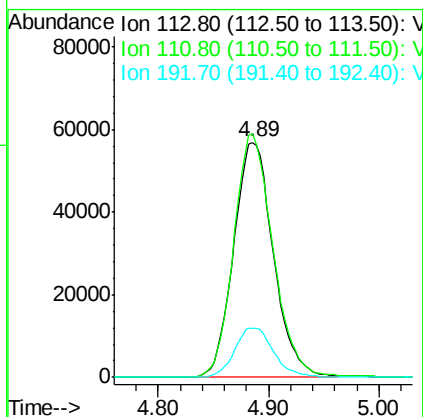
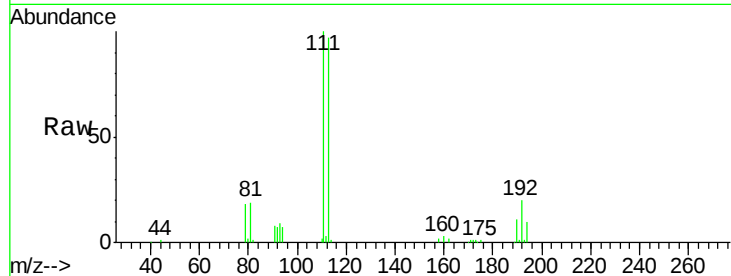
#35
Dibromofluoromethane
Concen: 46.51 ug/l
RT: 4.89 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141761		
111	102.7	82.2	123.4	
192	20.7	16.2	24.4	

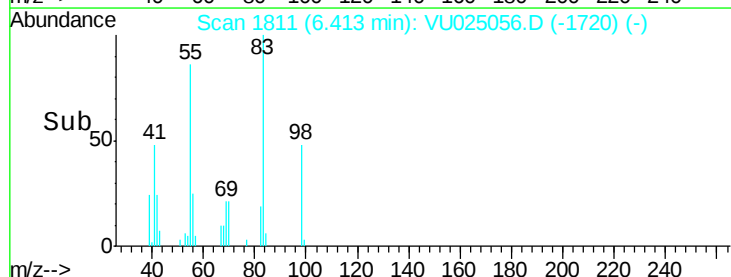
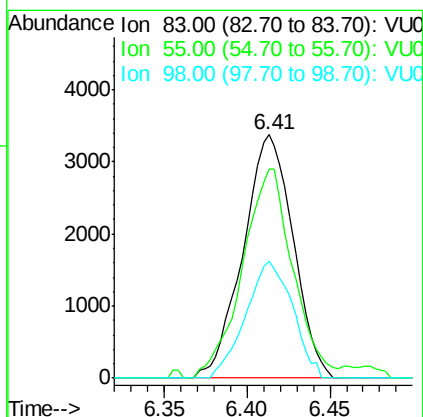
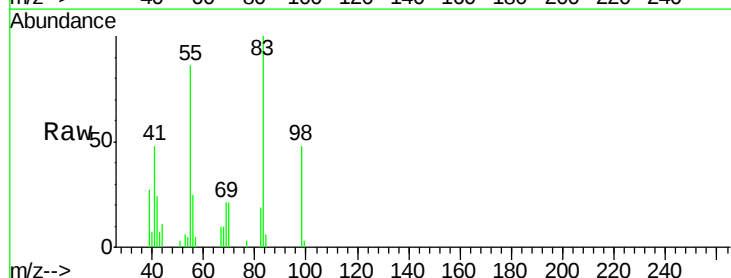
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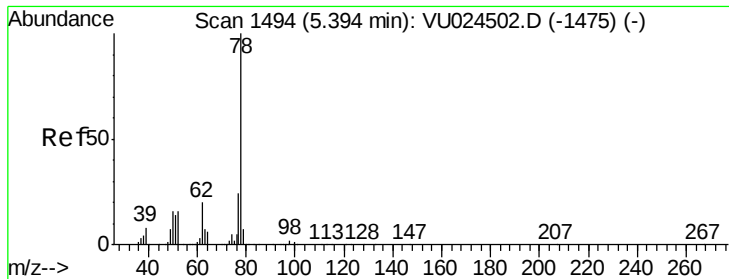
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#39
Methylcyclohexane
Concen: 1.31 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	7068		
55	85.9	65.8	98.6	
98	48.0	36.7	55.1	





#40

Benzene

Concen: 1.95 ug/l

RT: 5.39 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-21-23-180621ME

Tot Ion: 78 Resp: 23962

Ion Ratio Lower Upper

78 100

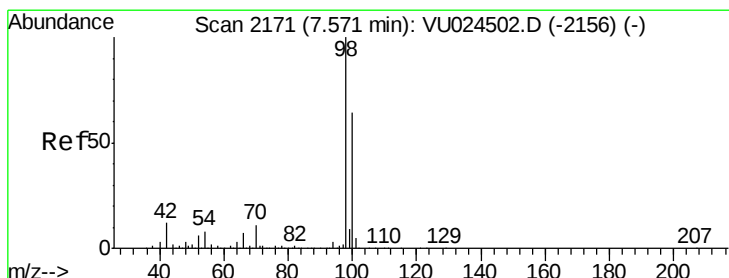
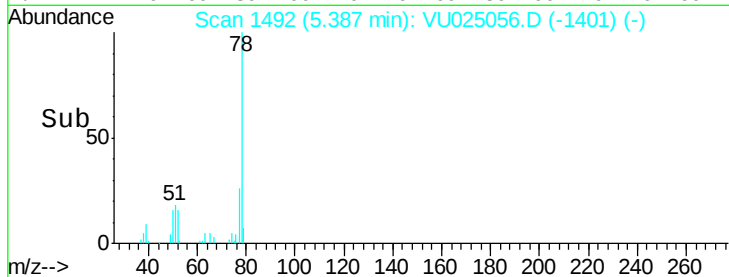
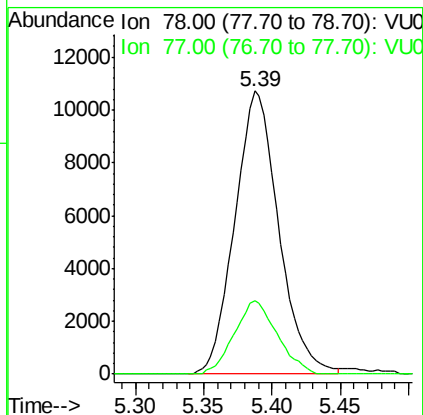
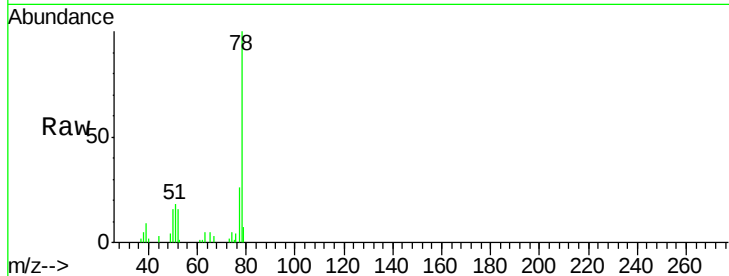
77 26.0 19.2 28.8

Manual Integrations

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#50

Toluene-d8

Concen: 48.88 ug/l

RT: 7.57 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VU025056.D

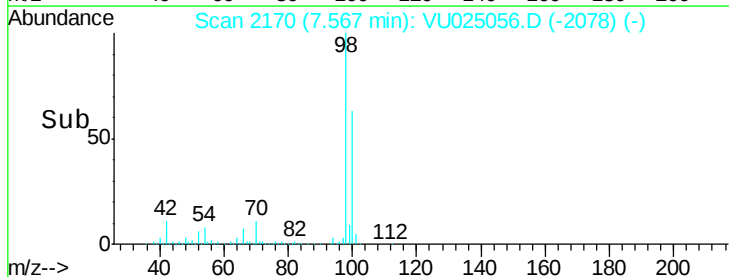
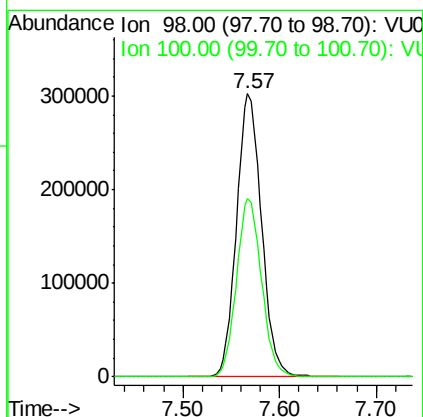
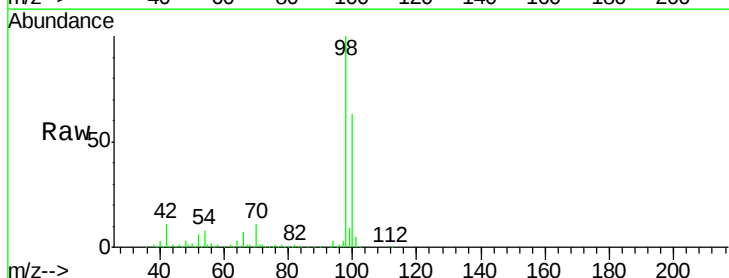
Acq: 29 Jun 2018 06:25

Tgt Ion: 98 Resp: 543437

Ion Ratio Lower Upper

98 100

100 63.2 51.1 76.7





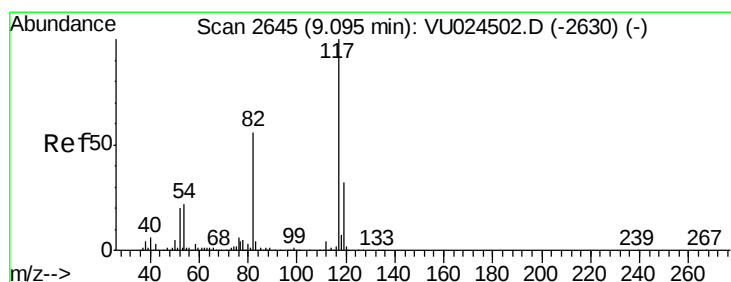
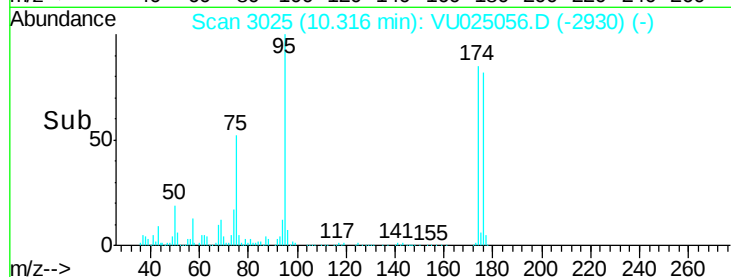
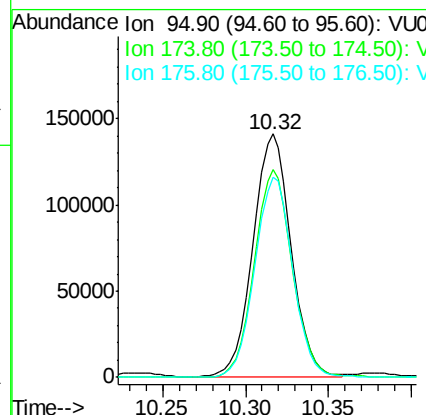
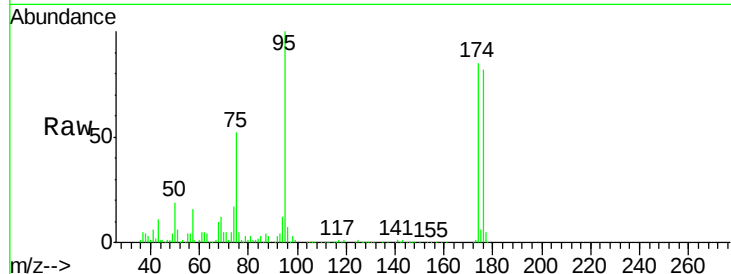
#62
4-Bromofluorobenzene
Concen: 50.98 ug/l
RT: 10.32 min Scan# 3025
Delta R.T. 0.01 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

Tot Ion	Ratio	Resp	Lower	Upper
95	100	225072		
174	85.4	0.0	165.8	
176	82.6	0.0	159.4	

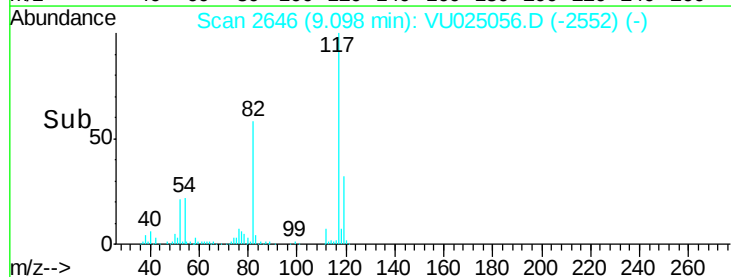
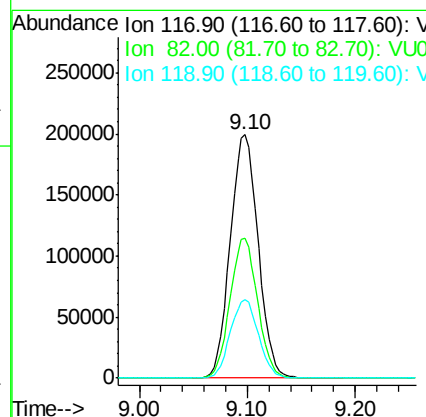
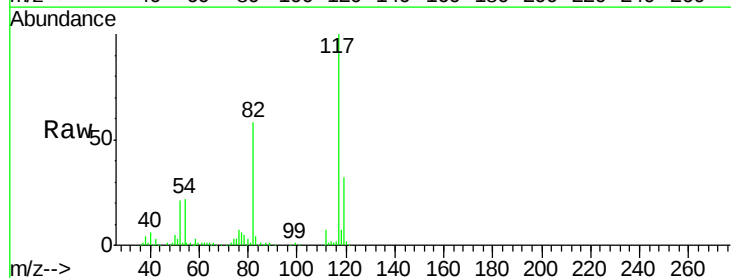
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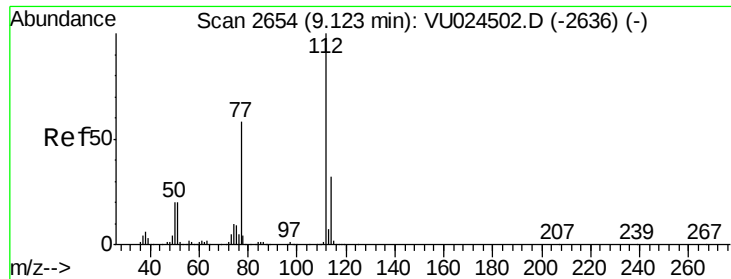
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#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	359629		
82	57.5	44.3	66.5	
119	32.4	25.4	38.2	





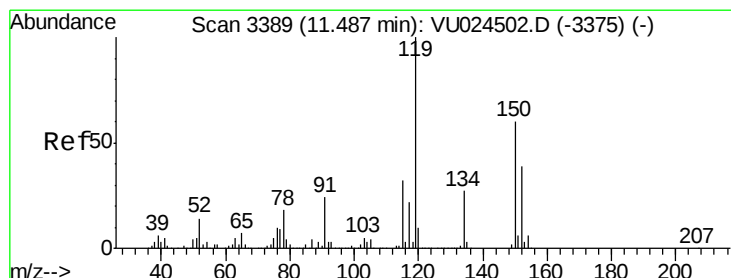
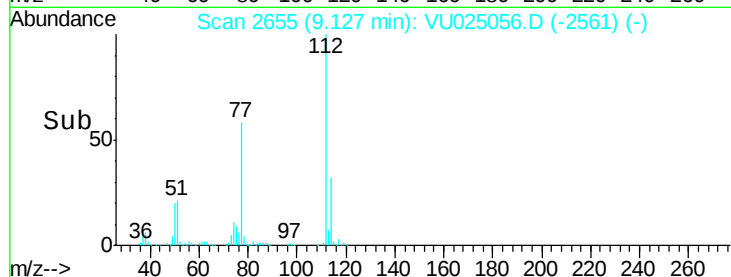
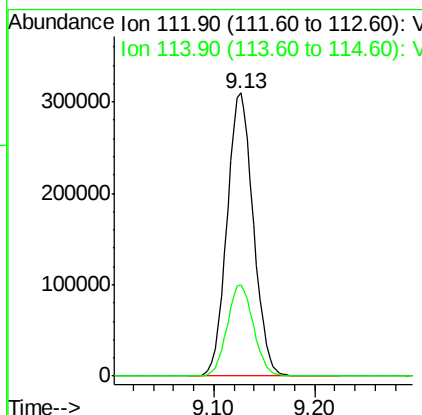
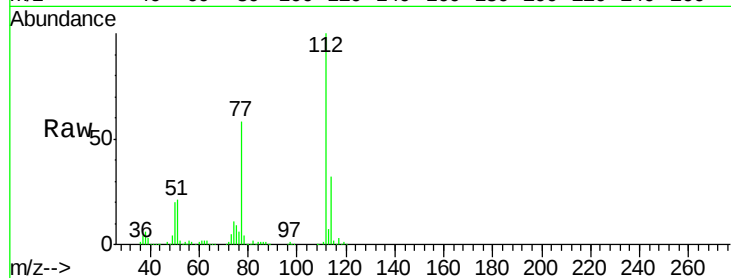
#65
Chlorobenzene
Concen: 61.48 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.6	38.4

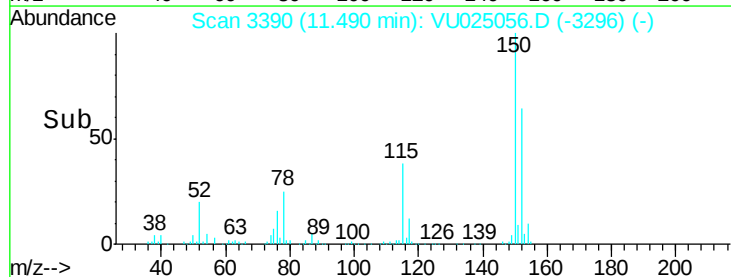
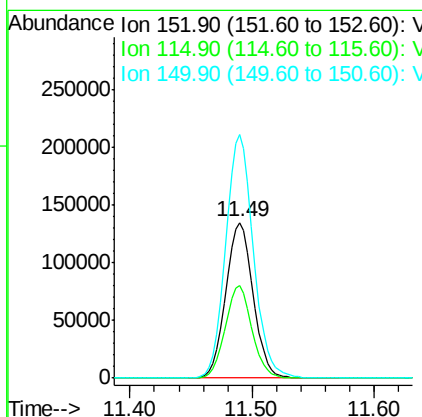
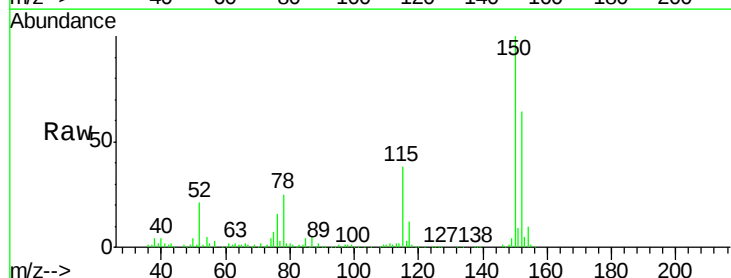
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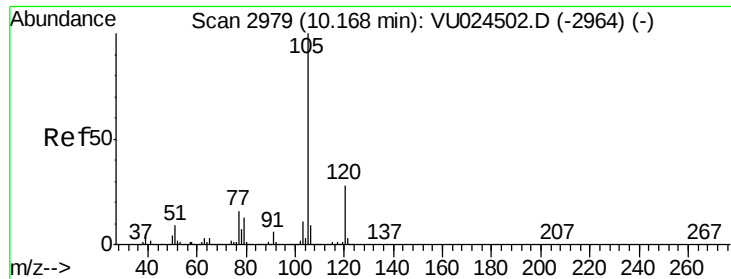
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	43.0	129.0
150	157.9	0.0	354.0





#73

Isopropylbenzene

Concen: 0.97 ug/l

RT: 10.17 min Scan# 2981

Delta R.T. 0.01 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

ClientSampleId :

WP021SB481-21-23-180621ME

Tot Ion:105 Resp: 15879

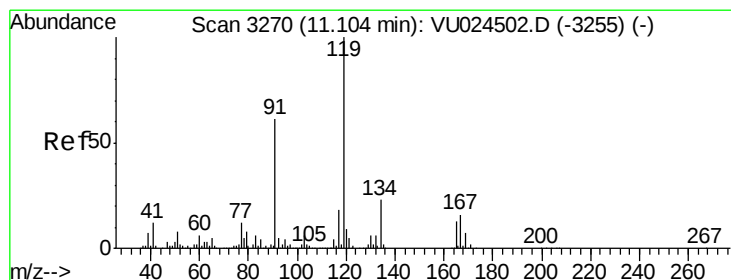
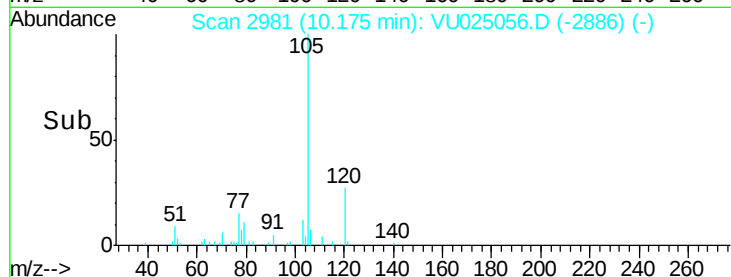
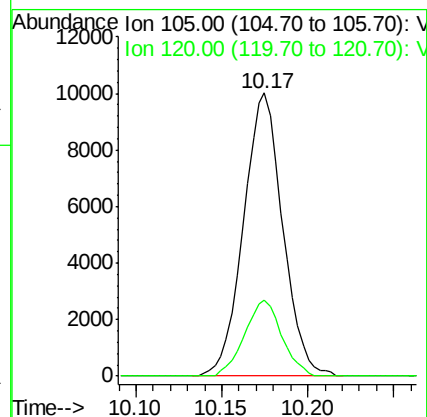
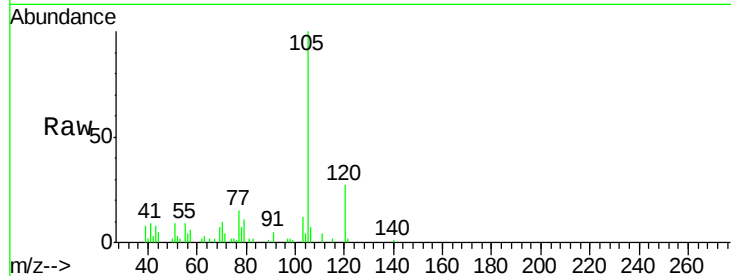
Ion Ratio Lower Upper

105 100

120 25.4 13.2 39.6

Manual Integrations
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#83

tert-Butylbenzene

Concen: 1.49 ug/l

RT: 11.11 min Scan# 3271

Delta R.T. 0.00 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

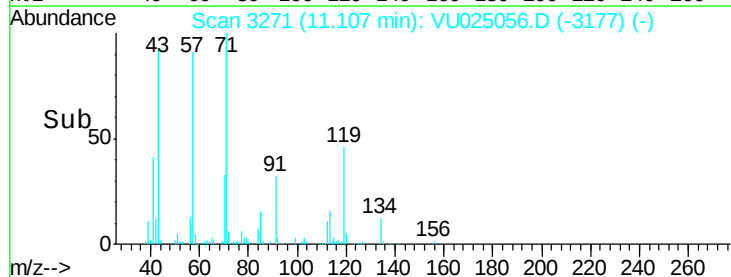
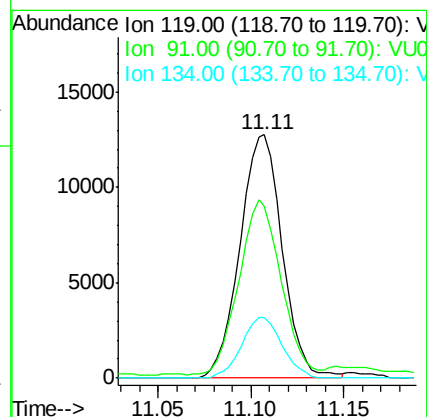
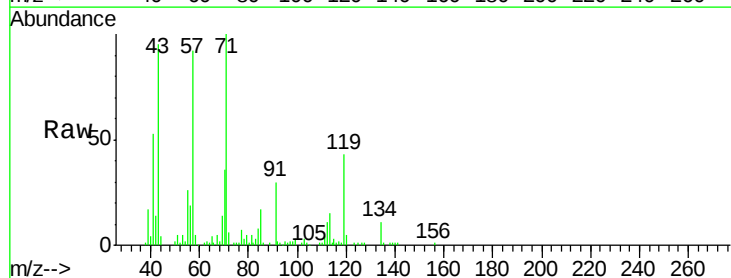
Tgt Ion:119 Resp: 20262

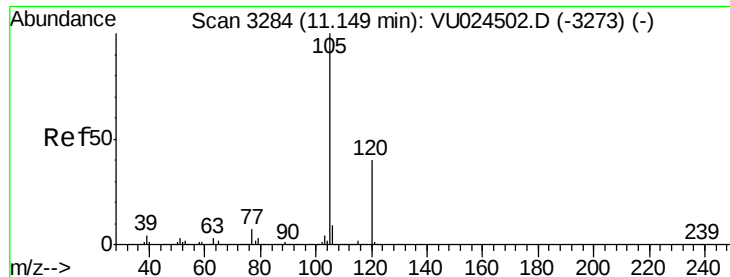
Ion Ratio Lower Upper

119 100

91 70.9 29.7 89.1

134 23.6 11.6 34.7





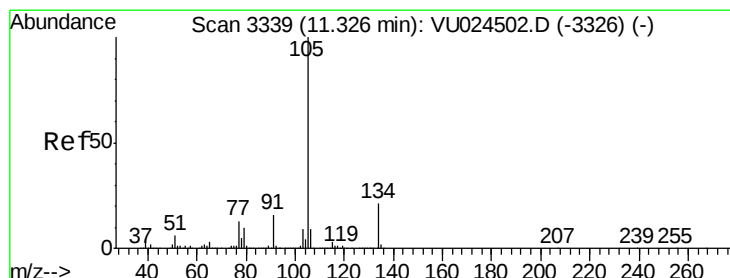
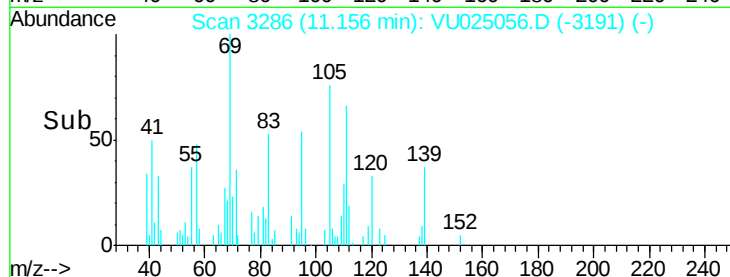
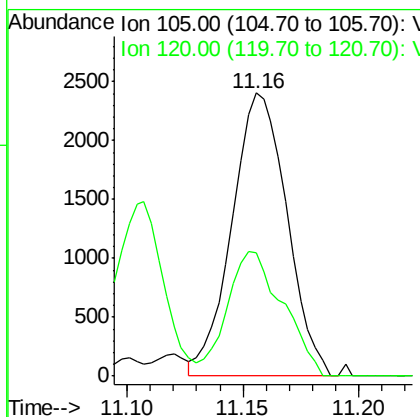
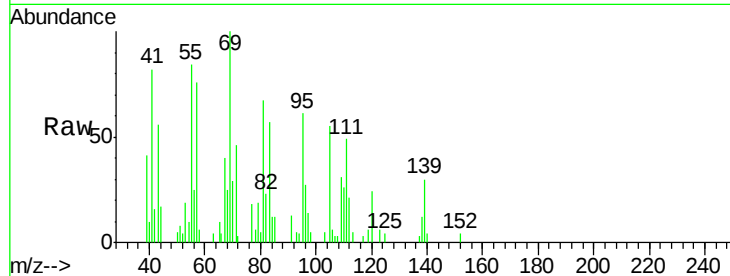
#84
 1,2,4-Trimethylbenzene
 Concen: 0.28 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB481-21-23-180621ME

Tot Ion:105 Resp: 3959
 Ion Ratio Lower Upper
 105 100
 120 44.5 22.6 67.8

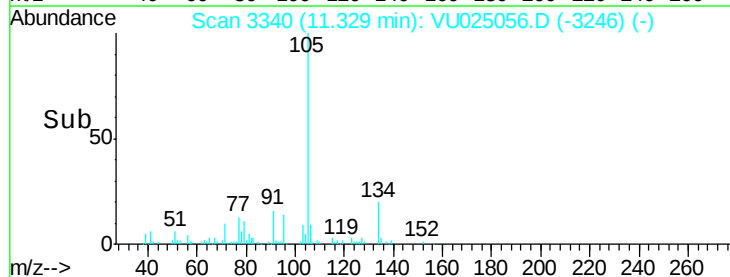
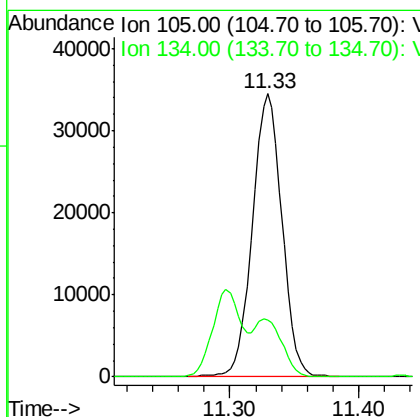
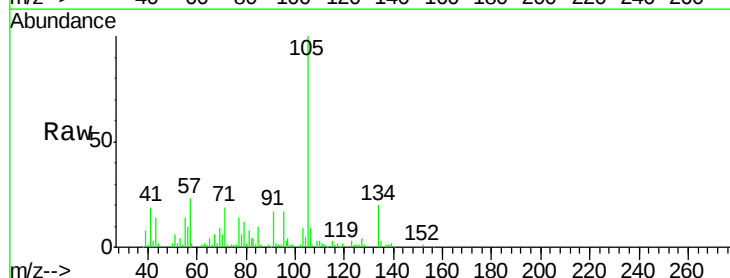
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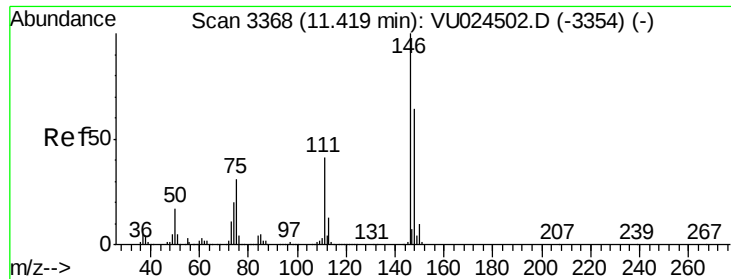
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#85
 sec-Butylbenzene
 Concen: 3.24 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU025056.D
 Acq: 29 Jun 2018 06:25

Tgt Ion:105 Resp: 55154
 Ion Ratio Lower Upper
 105 100
 134 18.6 9.7 29.1





#87

1,3-Dichlorobenzene

Concen: 1.78 ug/l m

RT: 11.43 min Scan# 3370

Delta R.T. 0.01 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Instrument :

MSVOA_U

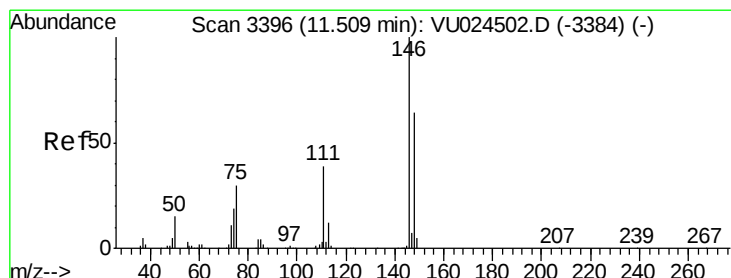
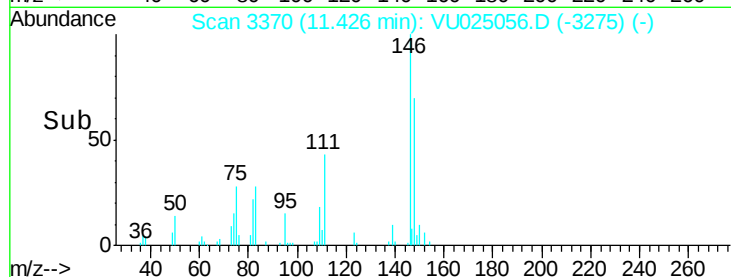
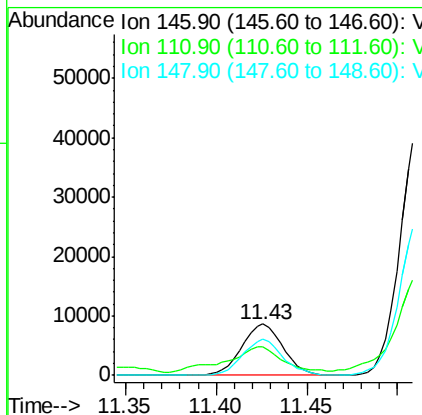
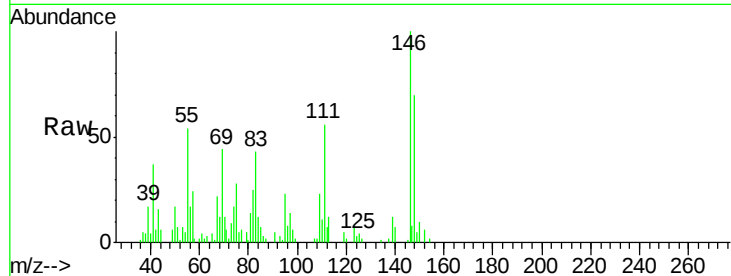
ClientSampleId :

WP021SB481-21-23-180621ME

Tot Ion:	146	Resp:	13587
Ion Ratio	Lower	Upper	
146	100		
111	216.3	20.0	60.0#
148	329.0	32.1	96.5#

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#88

1,4-Dichlorobenzene

Concen: 9.02 ug/l

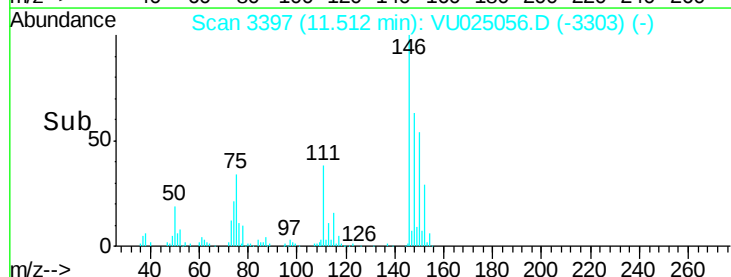
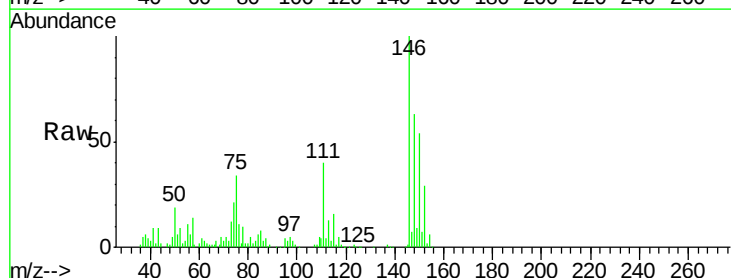
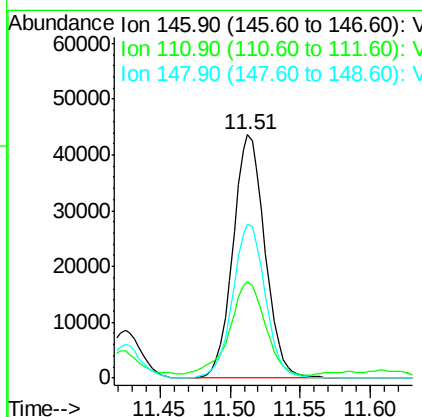
RT: 11.51 min Scan# 3397

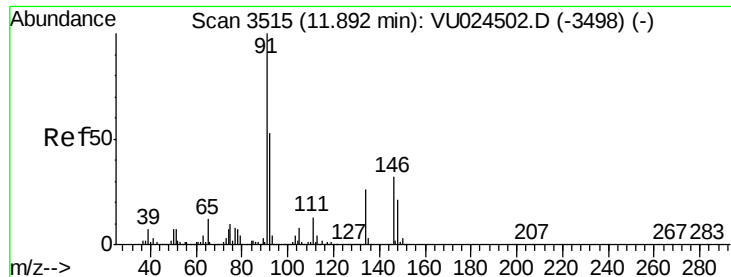
Delta R.T. 0.00 min

Lab File: VU025056.D

Acq: 29 Jun 2018 06:25

Tgt Ion:	146	Resp:	69181
Ion Ratio	Lower	Upper	
146	100		
111	42.8	19.5	58.5
148	64.6	32.4	97.0





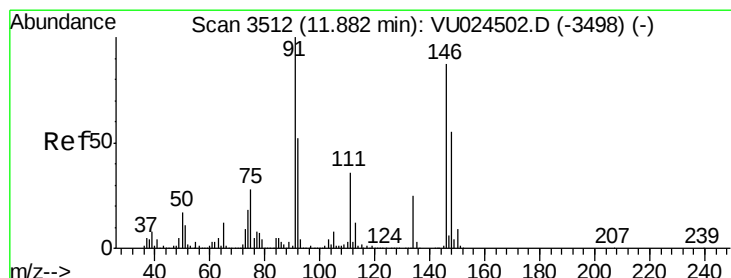
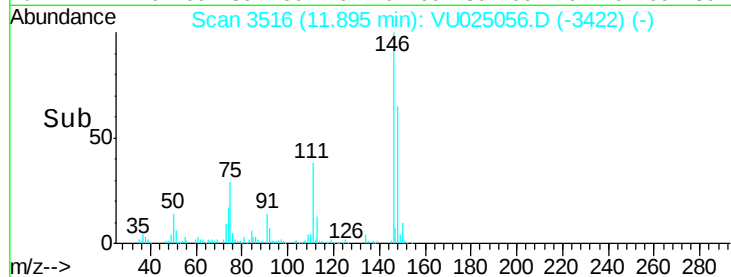
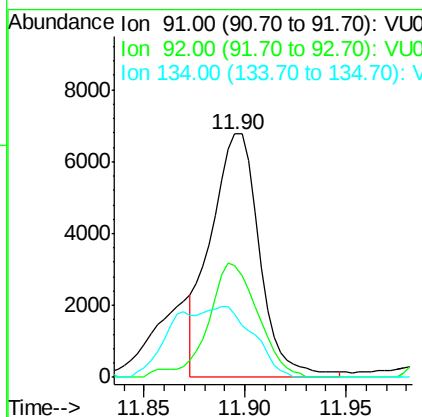
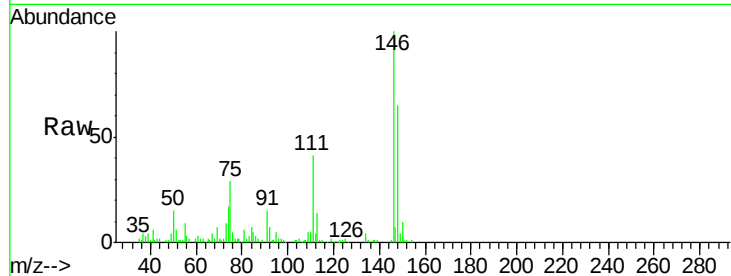
#89
n-Butylbenzene
Concen: 0.84 ug/l m
RT: 11.90 min Scan# 3516
Delta R.T. 0.00 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

Tot Ion	Ratio	Lower	Upper
91	100		
92	47.9	25.6	76.8
134	0.0	12.3	36.8#

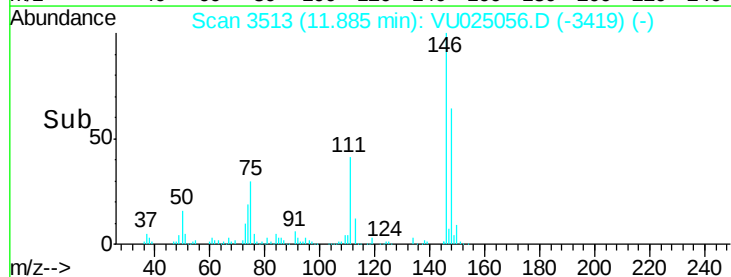
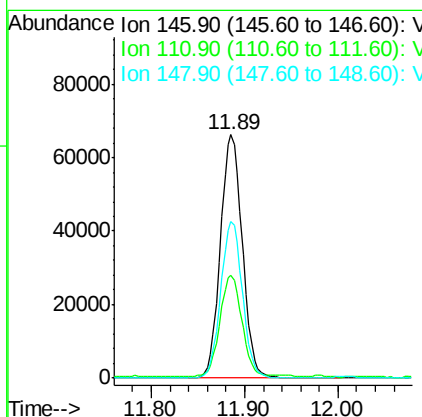
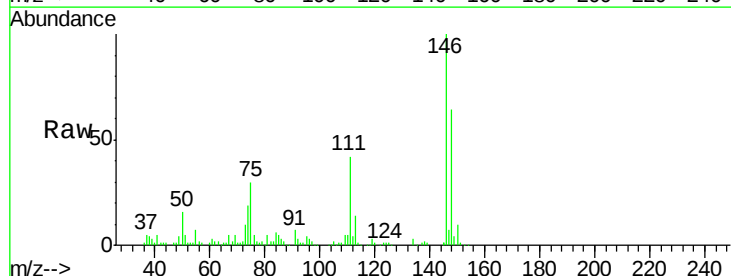
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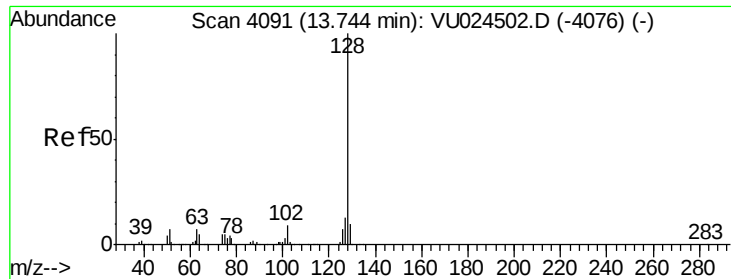
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#91
1,2-Dichlorobenzene
Concen: 14.24 ug/l m
RT: 11.89 min Scan# 3513
Delta R.T. 0.00 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	0.0	20.5	61.6#
148	0.0	31.9	95.7#





#95
Naphthalene
Concen: 1.68 ug/l
RT: 13.75 min Scan# 4093
Delta R.T. 0.01 min
Lab File: VU025056.D
Acq: 29 Jun 2018 06:25

Instrument :
MSVOA_U
ClientSampleId :
WP021SB481-21-23-180621ME

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.6	16.0
129	16.4	8.6	12.8

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