

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062518\
 Data File : VU024898.D
 Acq On : 26 Jun 2018 01:01
 Operator : MD/SY
 Sample : J3669-12ME
 Misc : 6.16µ/5.0mL/100µL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB483-27-29-180620ME

Manual Integrations
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apatel
 6/27/2018 11:21:22 AM

Quant Time: Jun 26 09:43:26 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	220690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	338941	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.10	117	332604	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	220959	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	164951	45.78	ug/l	0.00
Spiked Amount			Recovery	=	91.56%	
35) Dibromofluoromethane	4.89	113	129905	46.18	ug/l	0.00
Spiked Amount			Recovery	=	92.36%	
50) Toluene-d8	7.57	98	501322	48.86	ug/l	0.00
Spiked Amount			Recovery	=	97.72%	
62) 4-Bromofluorobenzene	10.32	95	229086	56.23	ug/l	0.00
Spiked Amount			Recovery	=	112.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
39) Methylcyclohexane	6.41	83	17038	3.43	ug/l	94
52) Toluene	7.64	92	12975	1.78	ug/l	98
65) Chlorobenzene	9.13	112	619134	72.87	ug/l	100
67) Ethyl Benzene	9.26	91	39300	2.64	ug/l	99
68) m/p-Xylenes	9.38	106	24620	4.30	ug/l	96
69) o-Xylene	9.79	106	25859	4.57	ug/l	98
73) Isopropylbenzene	10.17	105	21404	1.26	ug/l	100
78) n-propylbenzene	10.60	91	38860	1.94	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	69787	4.75	ug/l	99
83) tert-Butylbenzene	11.11	119	19185	1.36	ug/l	87
84) 1,2,4-Trimethylbenzene	11.16	105	261960	17.48	ug/l	99
85) sec-Butylbenzene	11.33	105	58702	3.32	ug/l	94
87) 1,3-Dichlorobenzene	11.43	146	68730m	8.66	ug/l	
88) 1,4-Dichlorobenzene	11.52	146	241002	30.18	ug/l	95
91) 1,2-Dichlorobenzene	11.89	146	89007	11.20	ug/l	90
95) Naphthalene	13.75	128	112996	7.54	ug/l	97

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

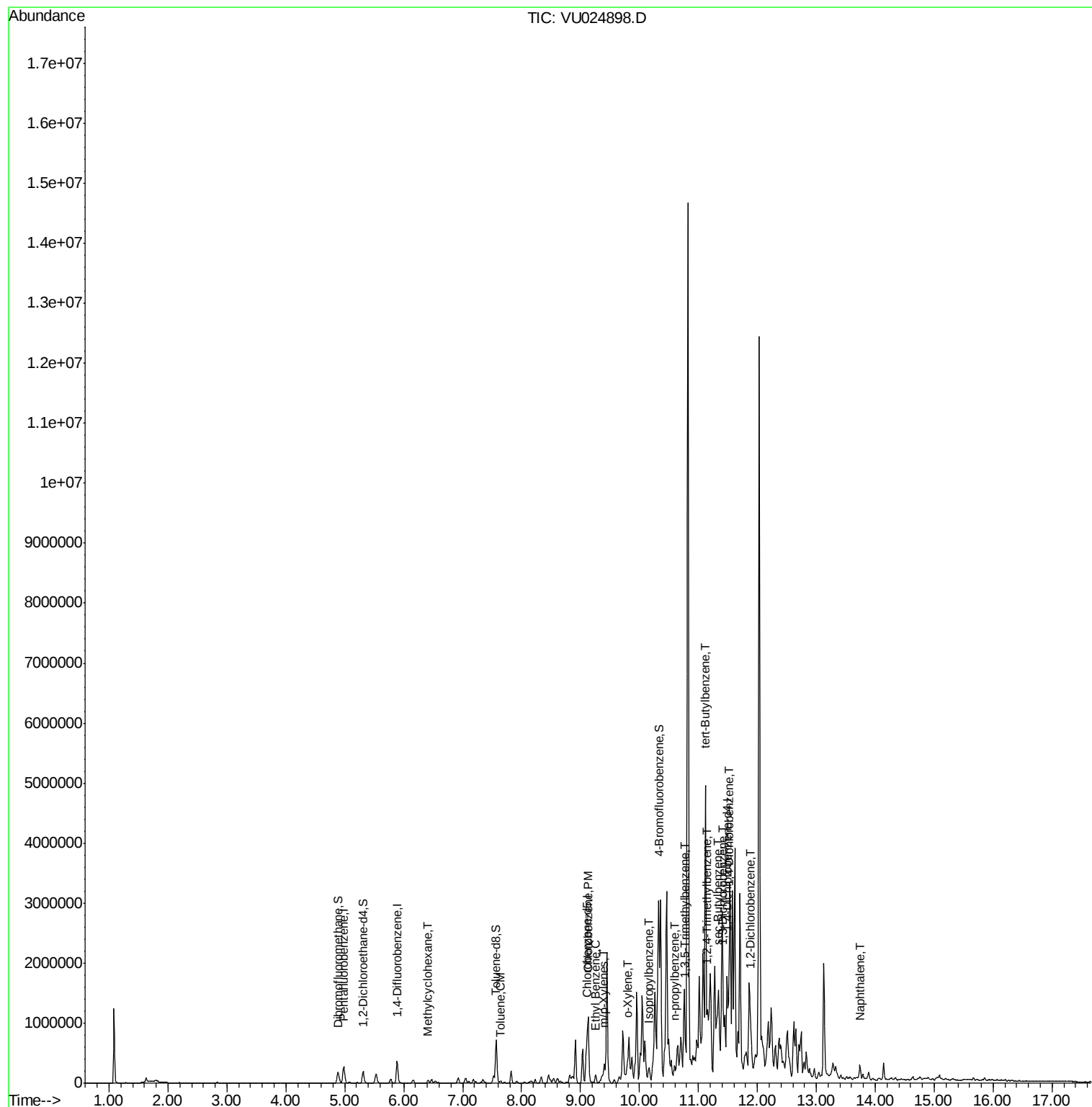
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU062518\
Data File : VU024898.D
Acq On : 26 Jun 2018 01:01
Operator : MD/SY
Sample : J3669-12ME
Misc : 6.16g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 36 Sample Multiplier: 1

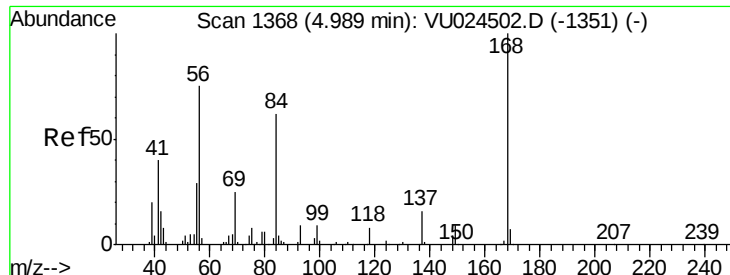
Instrument :
MSVOA_U
ClientSampleId :
WP021SB483-27-29-180620ME

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Quant Time: Jun 26 09:43:26 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: VU024898.D

Acq: 26 Jun 2018 01:01

Instrument :

MSVOA_U

ClientSampleId :

WP021SB483-27-29-180620ME

Tot Ion:168 Resp: 220690

Ion Ratio Lower Upper

168 100

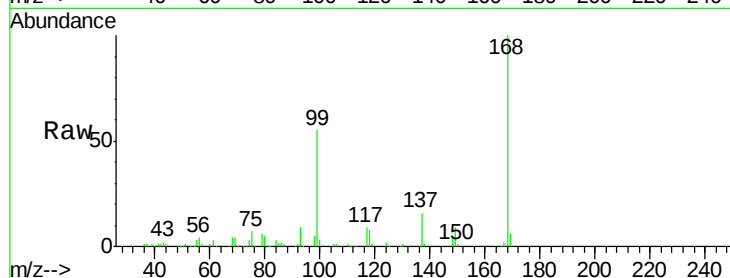
99 55.1 43.2 64.8

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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

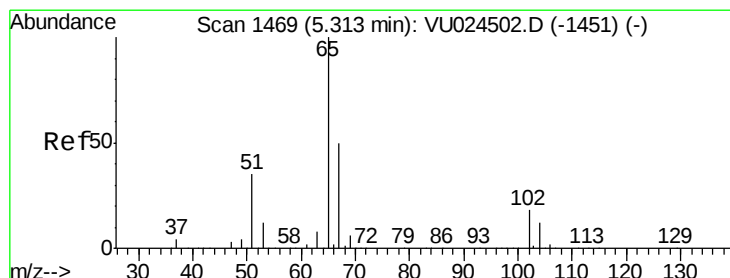
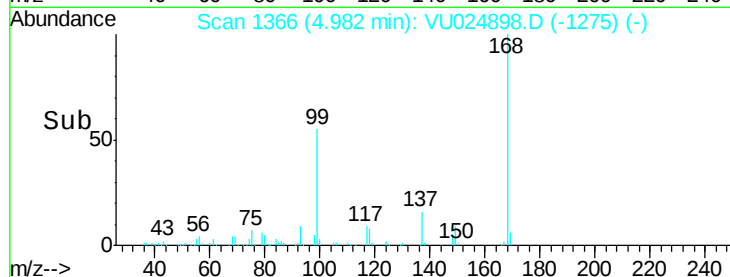
40000

20000

0

4.90 5.00 5.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.78 ug/l

RT: 5.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: VU024898.D

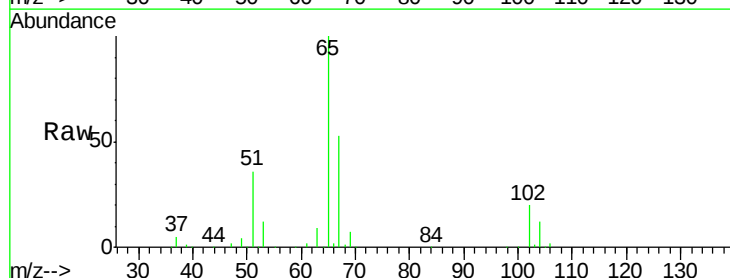
Acq: 26 Jun 2018 01:01

Tgt Ion: 65 Resp: 164951

Ion Ratio Lower Upper

65 100

67 52.1 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

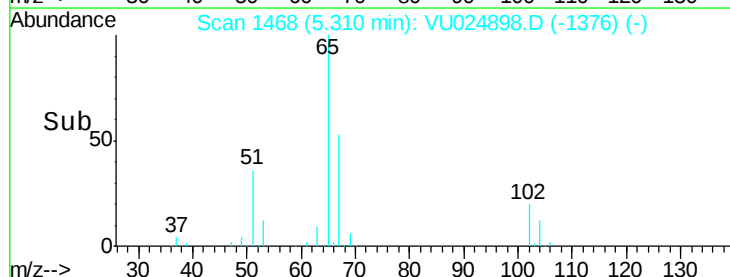
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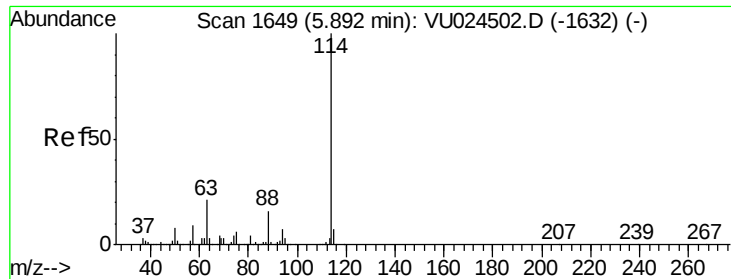
20000

0

5.20 5.30 5.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 5.89 min Scan# 1647

Delta R.T. -0.01 min

Lab File: VU024898.D

Acq: 26 Jun 2018 01:01

Instrument :

MSVOA_U

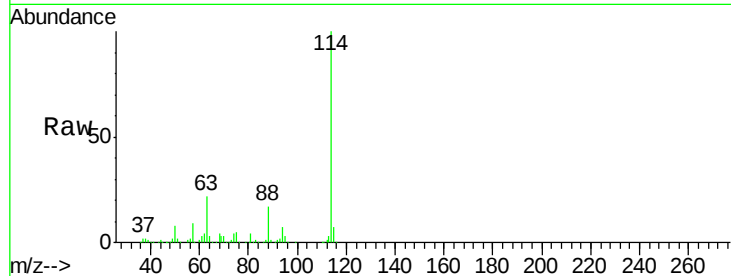
ClientSampleId :

WP021SB483-27-29-180620ME

Tot Ion	Ratio	Resp	Lower	Upper
114	100	338941		
63	21.7	0.0	45.4	
88	16.9	0.0	31.0	

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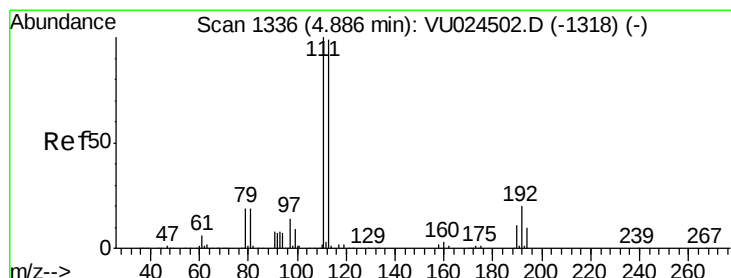
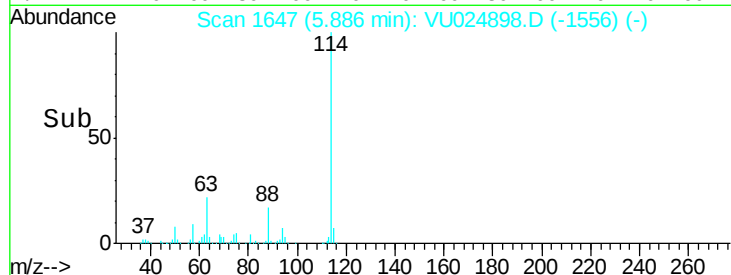
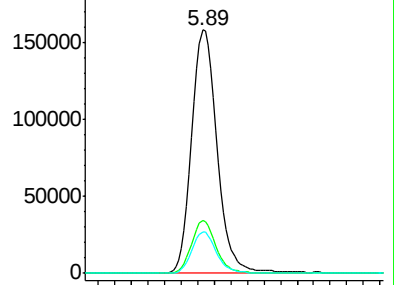
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Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 46.18 ug/l

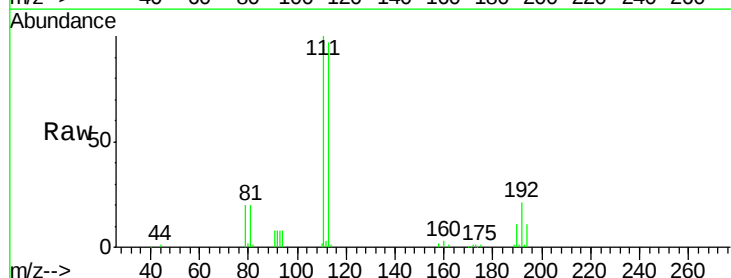
RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024898.D

Acq: 26 Jun 2018 01:01

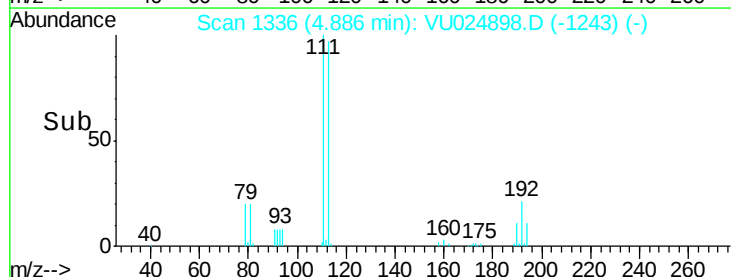
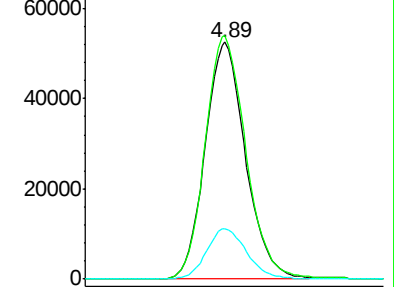
Tgt Ion	Ratio	Resp	Lower	Upper
113	100	129905		
111	104.2	82.2	123.4	
192	21.3	16.2	24.4	

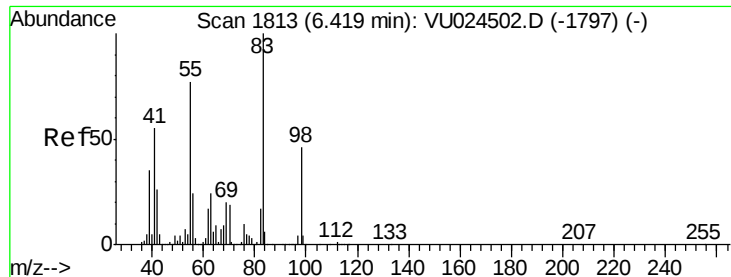


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





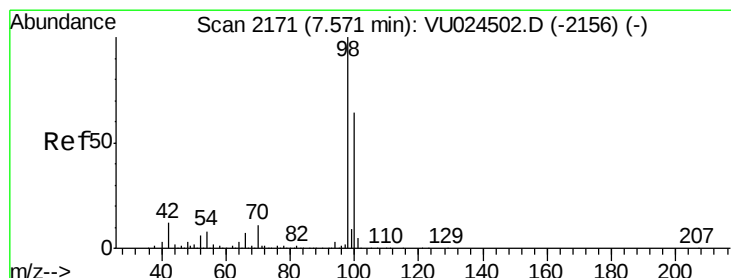
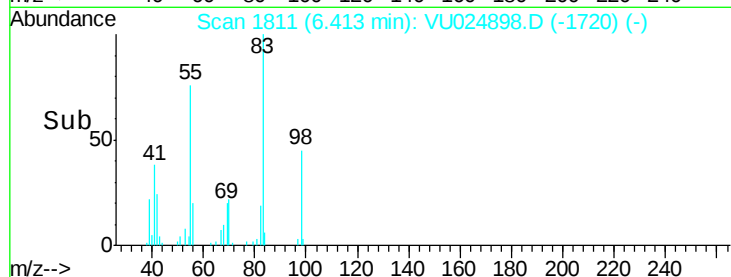
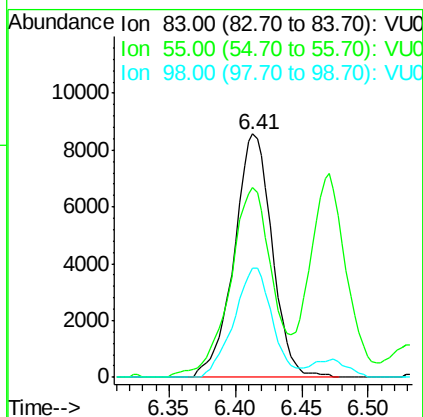
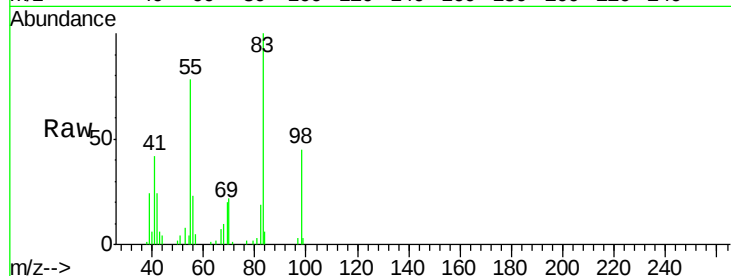
#39
Methvlcvclohexane
Concen: 3.43 ug/l
RT: 6.41 min Scan# 1811
Delta R.T. -0.01 min
Lab File: VU024898.D
Acq: 26 Jun 2018 01:01

Instrument :
MSVOA_U
ClientSampleId :
WP021SB483-27-29-180620ME

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	65.8	98.6
98	44.6	36.7	55.1

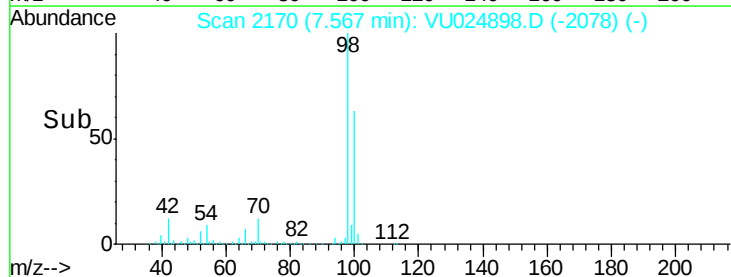
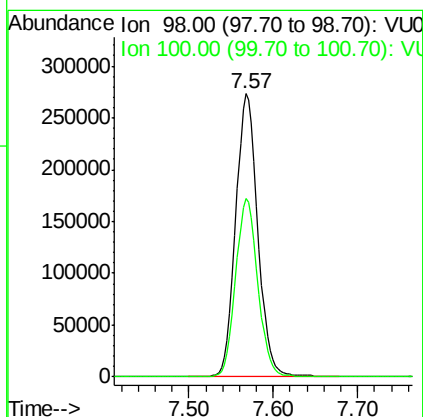
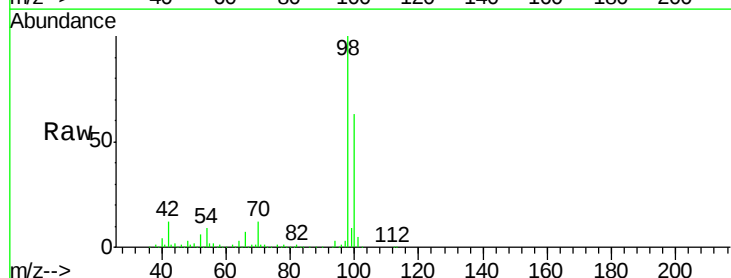
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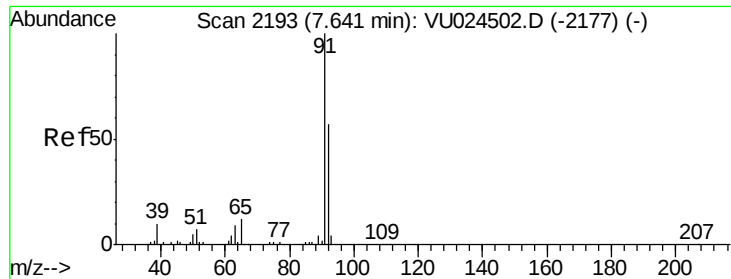
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#50
Toluene-d8
Concen: 48.86 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024898.D
Acq: 26 Jun 2018 01:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.1	76.7





#52

Toluene

Concen: 1.78 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VU024898.D

Acq: 26 Jun 2018 01:01

Instrument :

MSVOA_U

ClientSampleId :

WP021SB483-27-29-180620ME

Tot Ion: 92 Resp: 12975

Ion Ratio Lower Upper

92 100

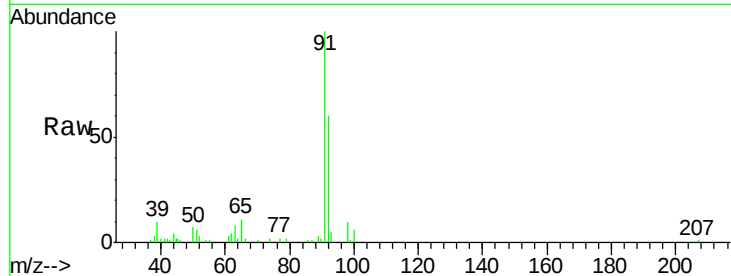
91 177.9 140.5 210.7

Manual Integrations

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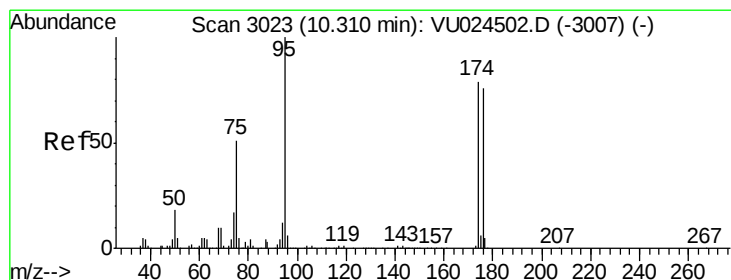
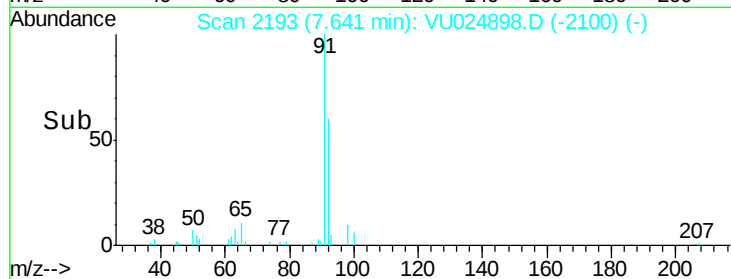
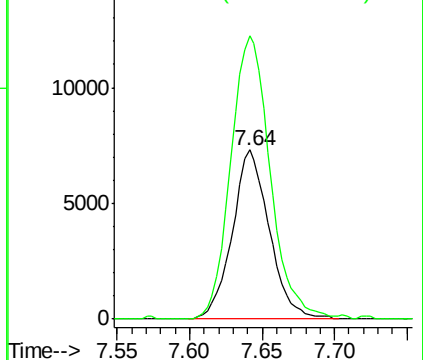
apatel

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Abundance Ion 92.00 (91.70 to 92.70): VU0

Ion 91.00 (90.70 to 91.70): VU0



#62

4-Bromofluorobenzene

Concen: 56.23 ug/l

RT: 10.32 min Scan# 3025

Delta R.T. 0.01 min

Lab File: VU024898.D

Acq: 26 Jun 2018 01:01

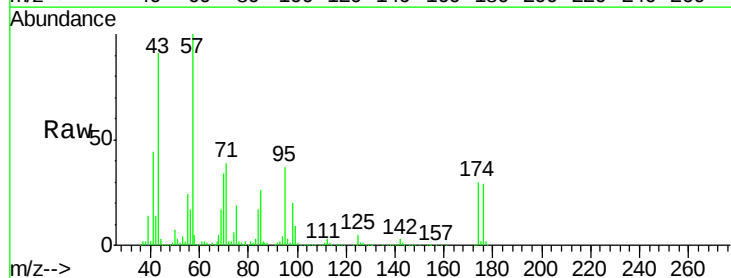
Tgt Ion: 95 Resp: 229086

Ion Ratio Lower Upper

95 100

174 75.6 0.0 165.8

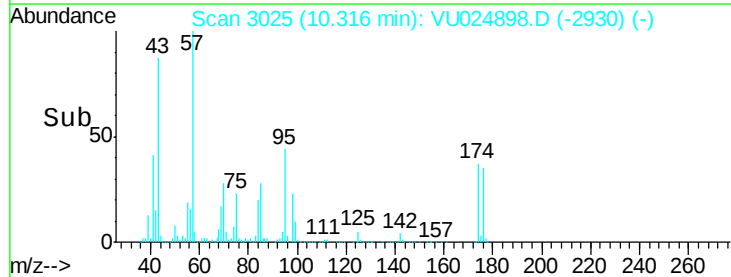
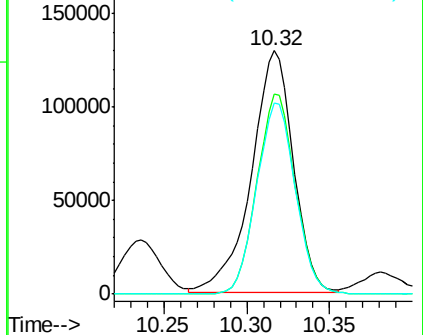
176 73.1 0.0 159.4



Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





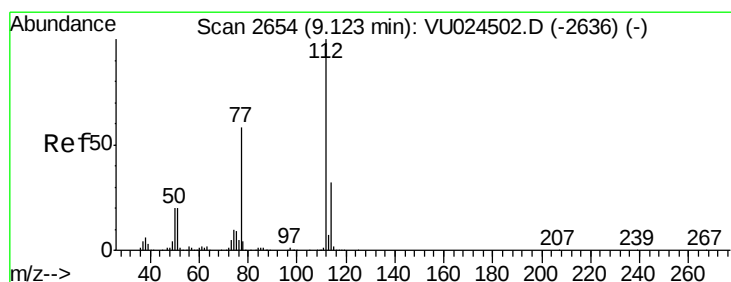
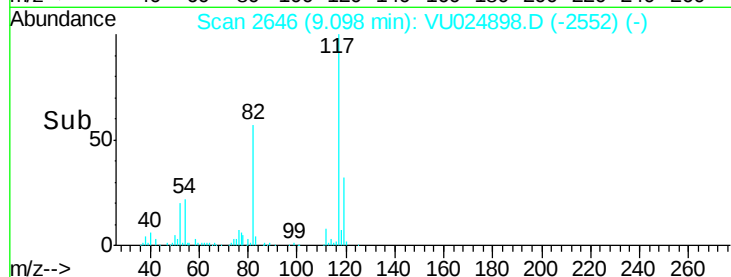
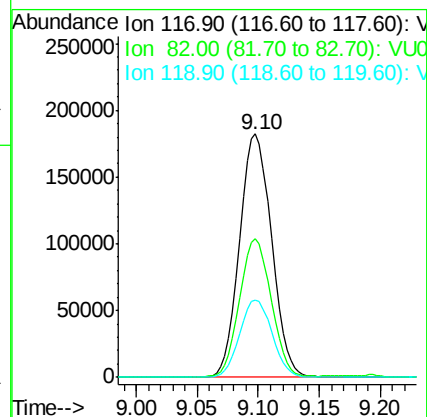
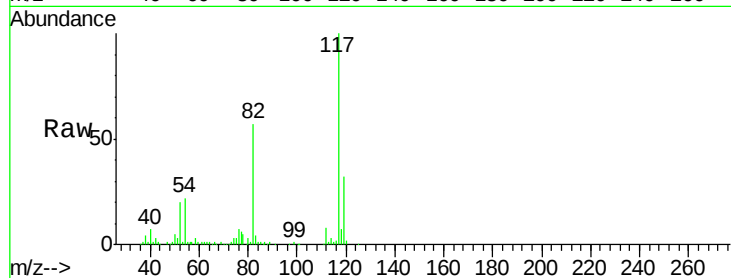
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.10 min Scan# 2646
Delta R.T. 0.00 min
Lab File: VU024898.D
Acq: 26 Jun 2018 01:01

Instrument :
MSVOA_U
ClientSampleId :
WP021SB483-27-29-180620ME

Tot Ion	Ratio	Resp	Lower	Upper
117	100	332604		
82	56.8		44.3	66.5
119	32.0		25.4	38.2

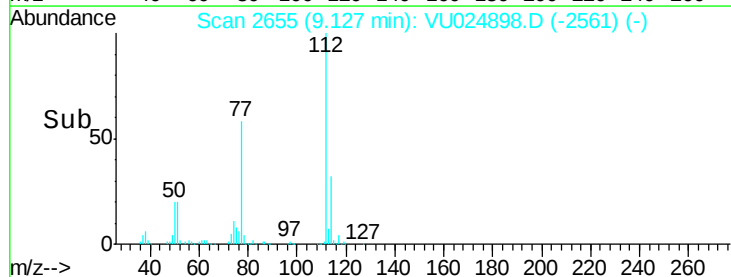
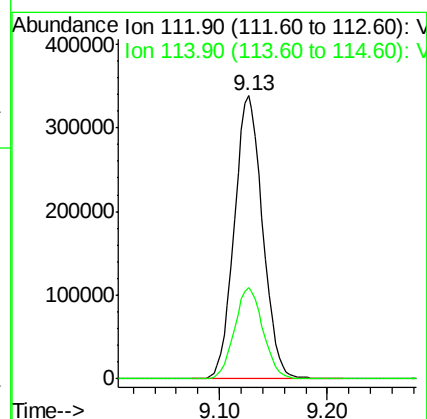
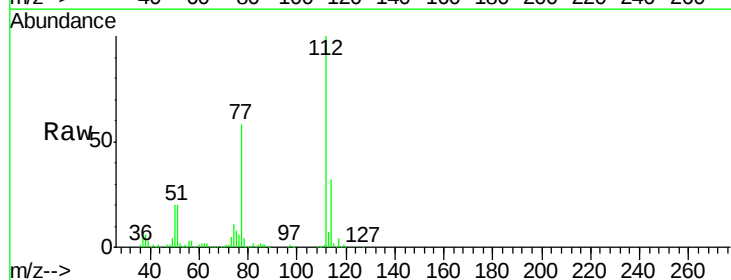
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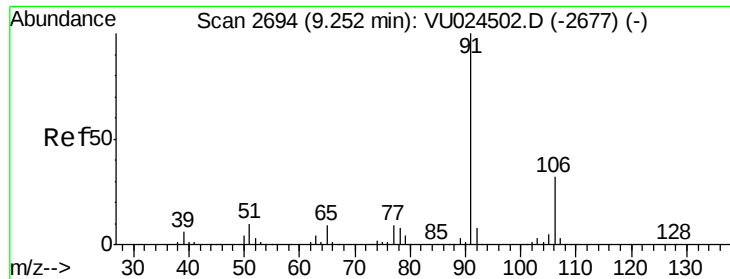
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#65
Chlorobenzene
Concen: 72.87 ug/l
RT: 9.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VU024898.D
Acq: 26 Jun 2018 01:01

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	619134		
114	32.2		25.6	38.4





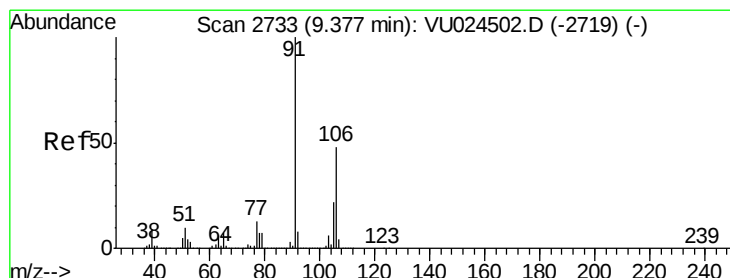
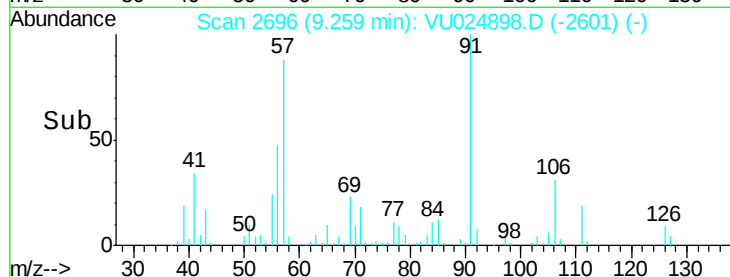
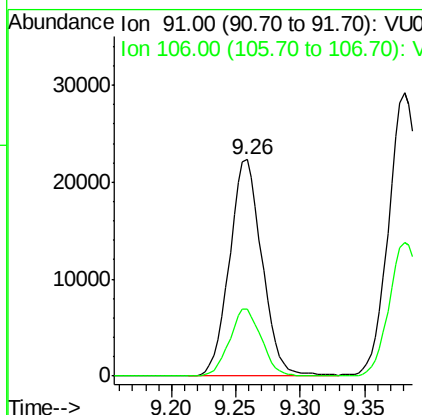
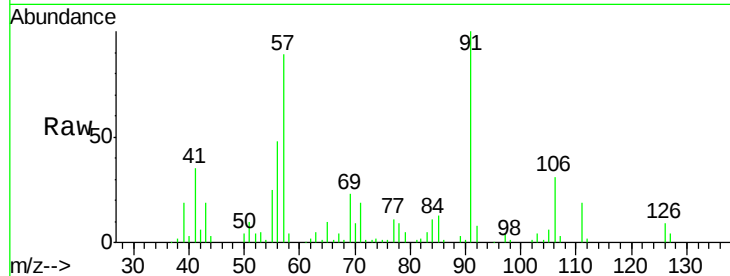
#67
Ethyl Benzene
Concen: 2.64 ug/l
RT: 9.26 min Scan# 2696
Delta R.T. 0.01 min
Lab File: VU024898.D
Acq: 26 Jun 2018 01:01

Instrument :
MSVOA_U
ClientSampleId :
WP021SB483-27-29-180620ME

Tot Ion: 91 Resp: 39300
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4

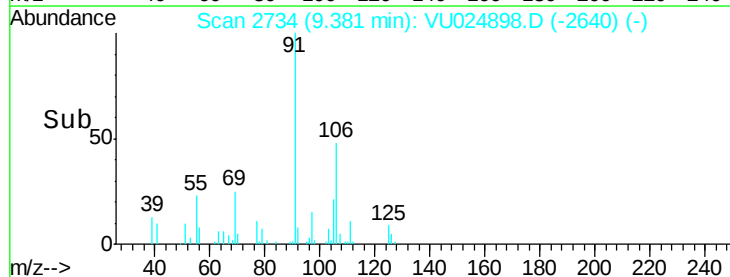
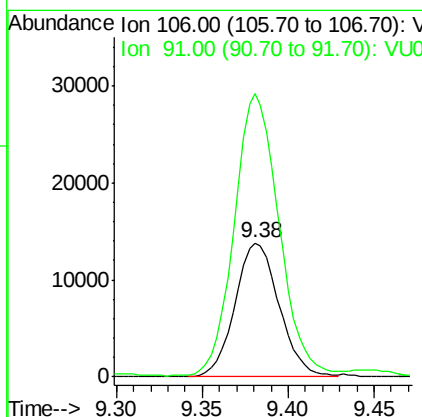
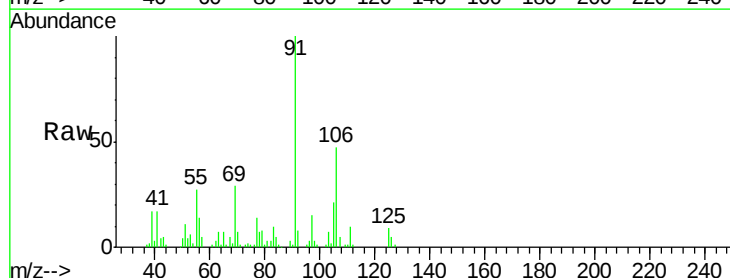
Manual Integrations
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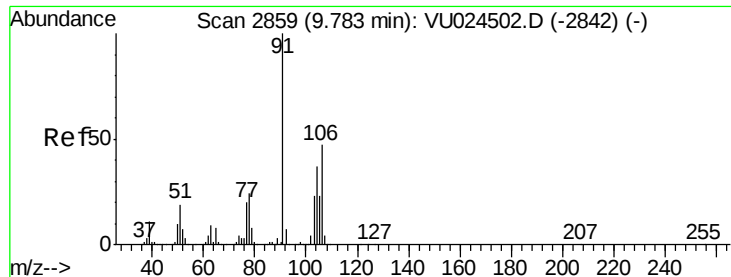
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#68
m/p-Xylenes
Concen: 4.30 ug/l
RT: 9.38 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU024898.D
Acq: 26 Jun 2018 01:01

Tgt Ion: 106 Resp: 24620
Ion Ratio Lower Upper
106 100
91 213.9 166.5 249.7





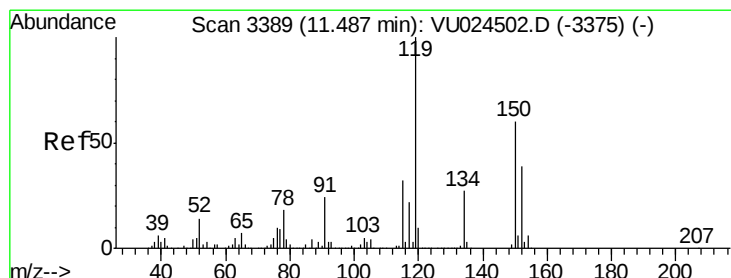
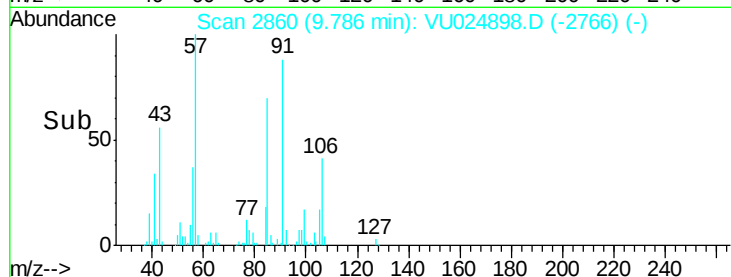
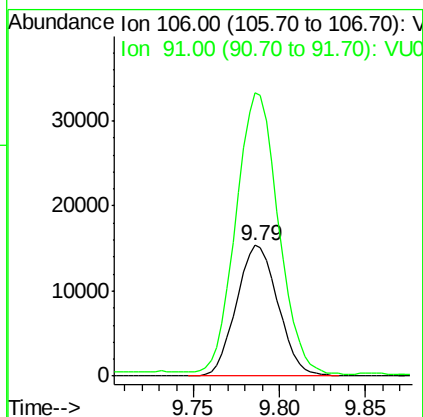
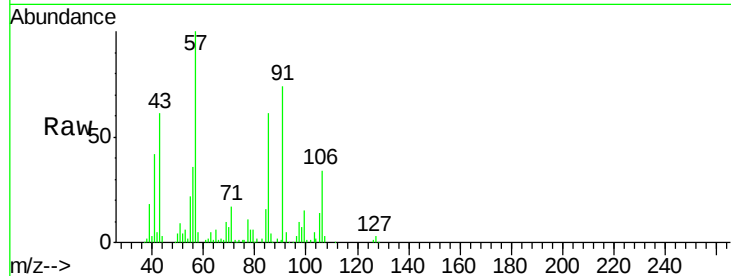
#69
o-Xylene
Concen: 4.57 ug/l
RT: 9.79 min Scan# 2860
Delta R.T. 0.00 min
Lab File: VU024898.D
Acq: 26 Jun 2018 01:01

Instrument :
MSVOA_U
ClientSampleId :
WP021SB483-27-29-180620ME

Tot Ion:106 Resp: 25859
Ion Ratio Lower Upper
106 100
91 218.6 110.7 331.9

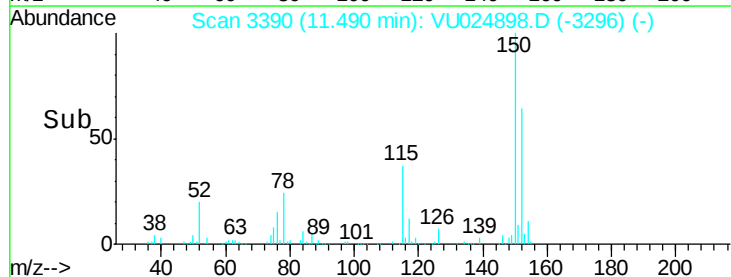
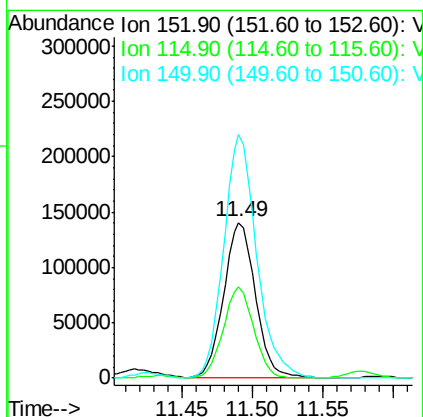
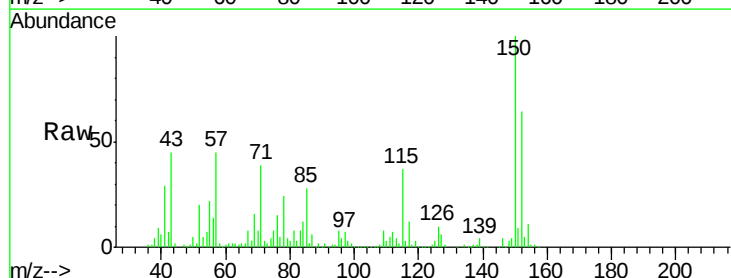
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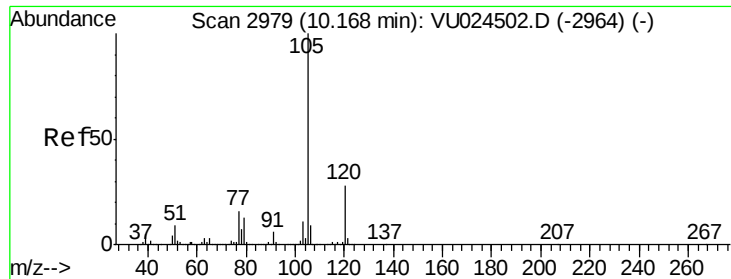
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.49 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VU024898.D
Acq: 26 Jun 2018 01:01

Tgt Ion:152 Resp: 220959
Ion Ratio Lower Upper
152 100
115 55.5 43.0 129.0
150 162.1 0.0 354.0





#73

Isopropylbenzene

Concen: 1.26 ug/l

RT: 10.17 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU024898.D

Acq: 26 Jun 2018 01:01

Instrument :

MSVOA_U

ClientSampleId :

WP021SB483-27-29-180620ME

Tot Ion: 105 Resp: 21404

Ion Ratio Lower Upper

105 100

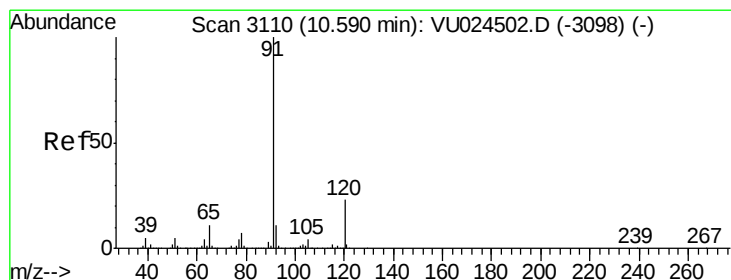
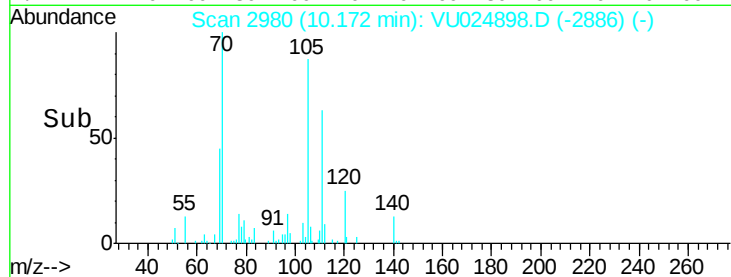
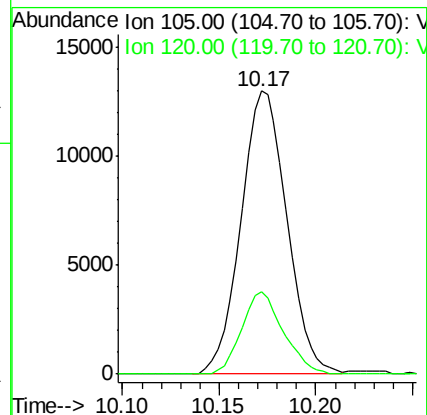
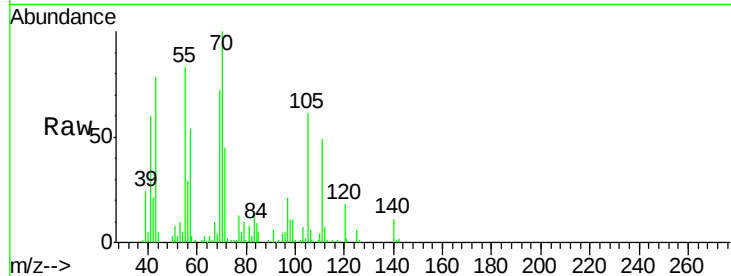
120 26.3 13.2 39.6

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#78

n-propylbenzene

Concen: 1.94 ug/l

RT: 10.60 min Scan# 3112

Delta R.T. 0.01 min

Lab File: VU024898.D

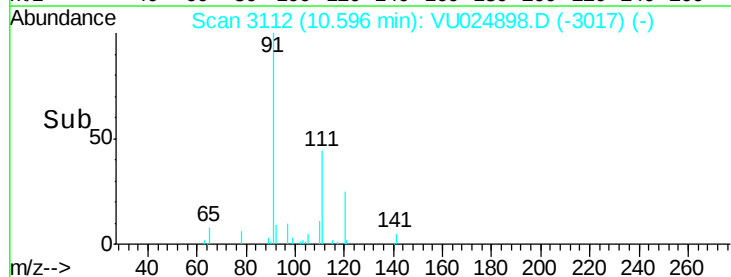
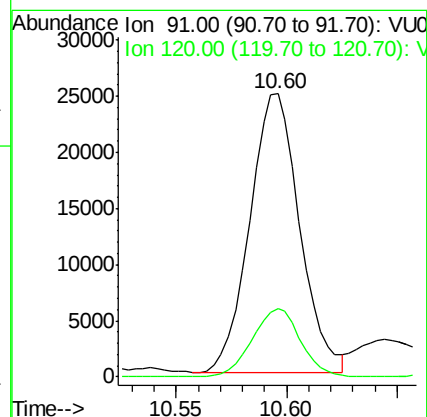
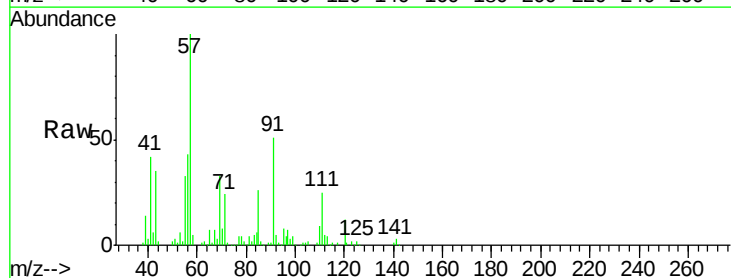
Acq: 26 Jun 2018 01:01

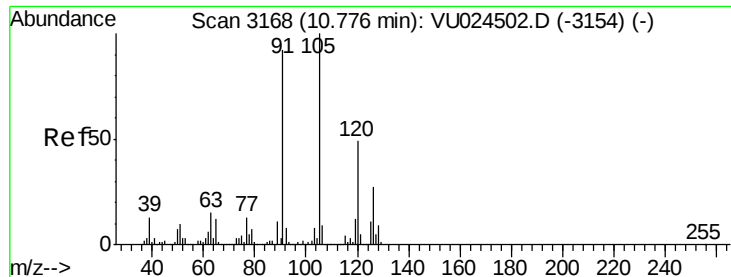
Tgt Ion: 91 Resp: 38860

Ion Ratio Lower Upper

91 100

120 23.7 11.2 33.5





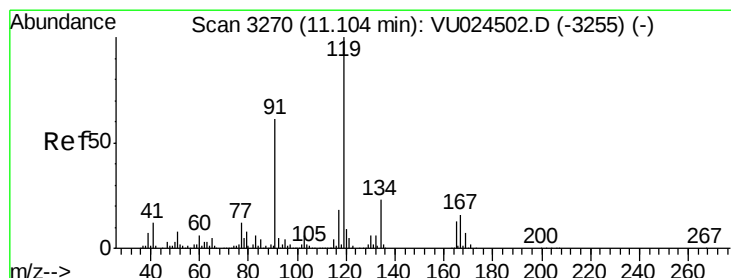
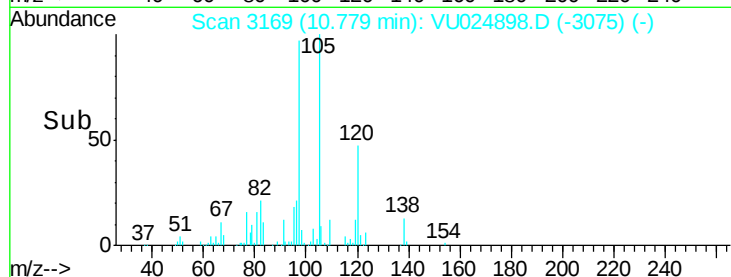
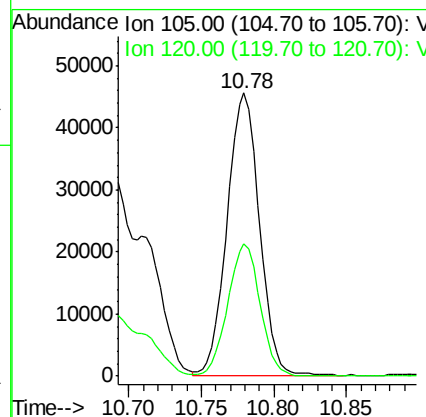
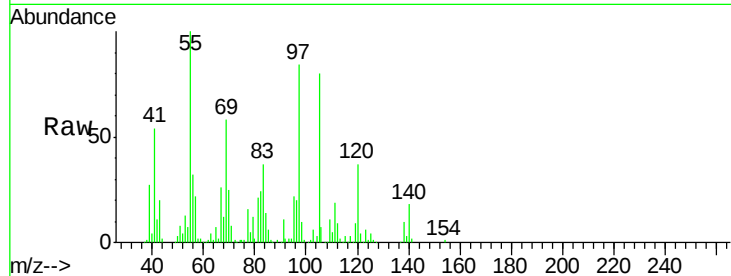
#80
 1,3,5-Trimethylbenzene
 Concen: 4.75 ug/l
 RT: 10.78 min Scan# 3169
 Delta R.T. 0.00 min
 Lab File: VU024898.D
 Acq: 26 Jun 2018 01:01

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB483-27-29-180620ME

Tot Ion:105 Resp: 69787
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.1 72.2

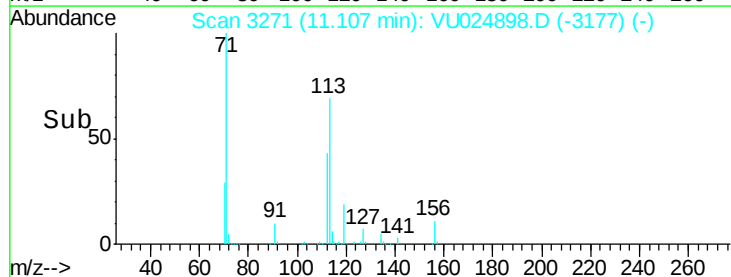
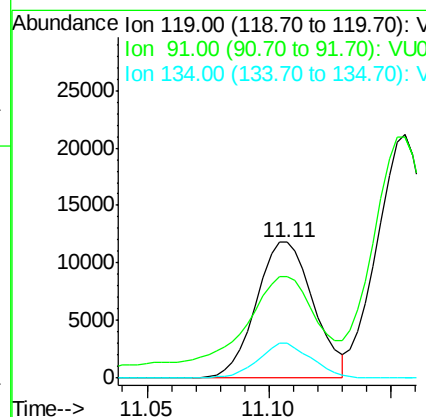
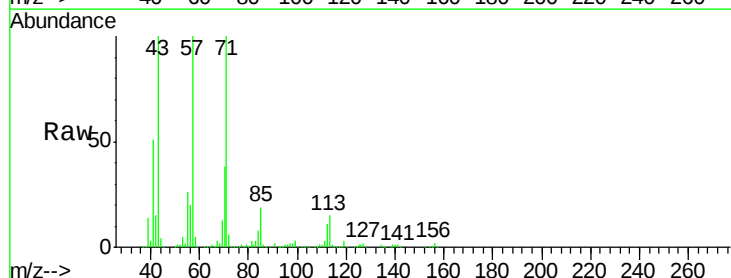
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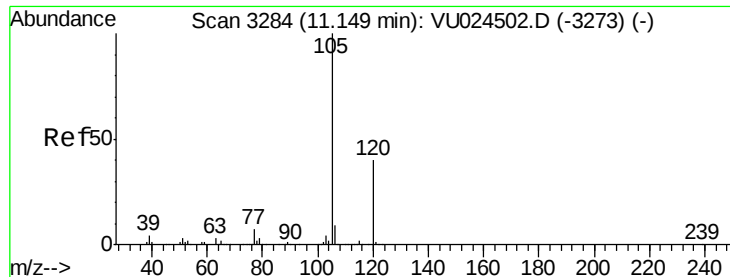
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#83
 tert-Butylbenzene
 Concen: 1.36 ug/l
 RT: 11.11 min Scan# 3271
 Delta R.T. 0.00 min
 Lab File: VU024898.D
 Acq: 26 Jun 2018 01:01

Tgt Ion:119 Resp: 19185
 Ion Ratio Lower Upper
 119 100
 91 72.2 29.7 89.1
 134 23.6 11.6 34.7





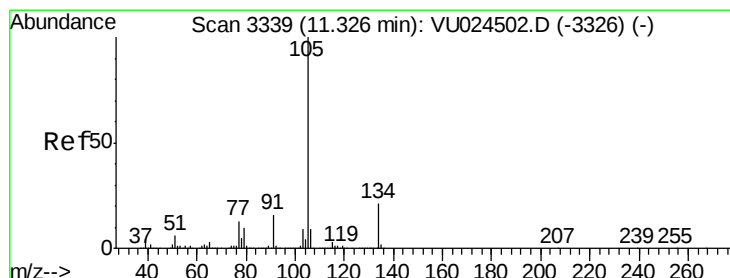
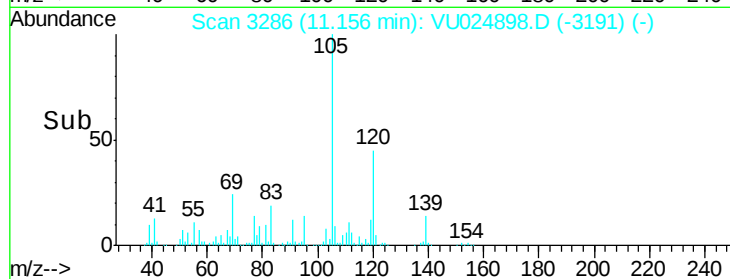
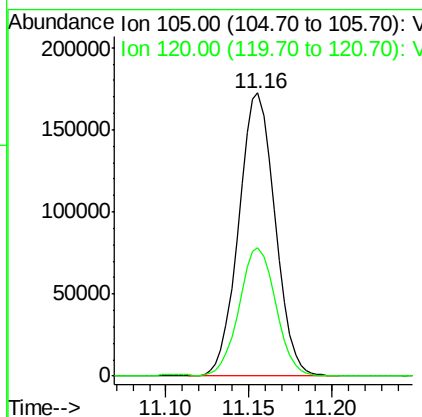
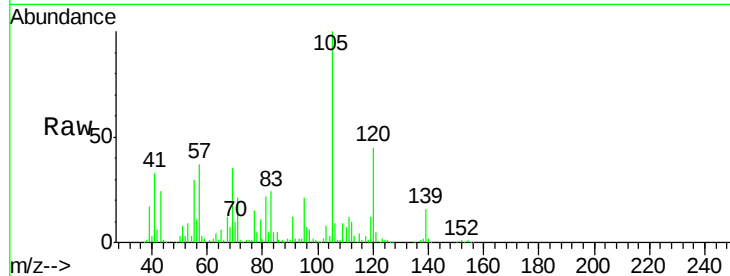
#84
 1,2,4-Trimethylbenzene
 Concen: 17.48 ug/l
 RT: 11.16 min Scan# 3286
 Delta R.T. 0.01 min
 Lab File: VU024898.D
 Acq: 26 Jun 2018 01:01

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021SB483-27-29-180620ME

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.6	67.8

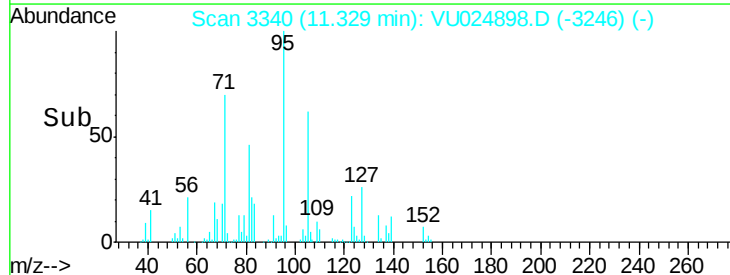
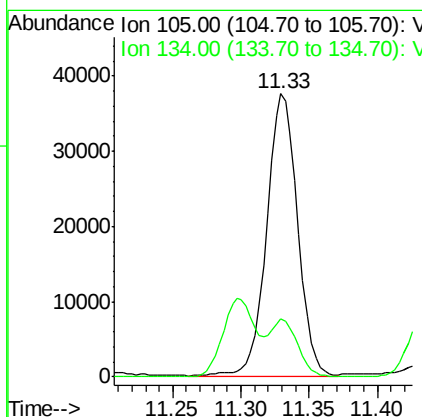
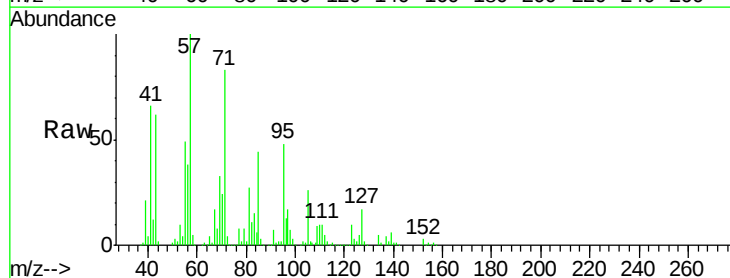
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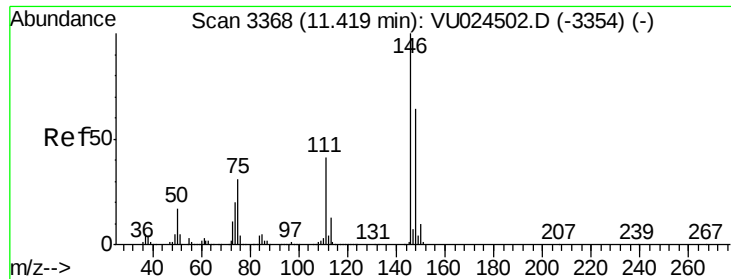
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#85
 sec-Butylbenzene
 Concen: 3.32 ug/l
 RT: 11.33 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VU024898.D
 Acq: 26 Jun 2018 01:01

Tgt Ion	Ratio	Lower	Upper
105	100		
134	16.7	9.7	29.1





#87

1,3-Dichlorobenzene

Concen: 8.66 ug/l m

RT: 11.43 min Scan# 3370

Delta R.T. 0.01 min

Lab File: VU024898.D

Acq: 26 Jun 2018 01:01

Instrument :

MSVOA_U

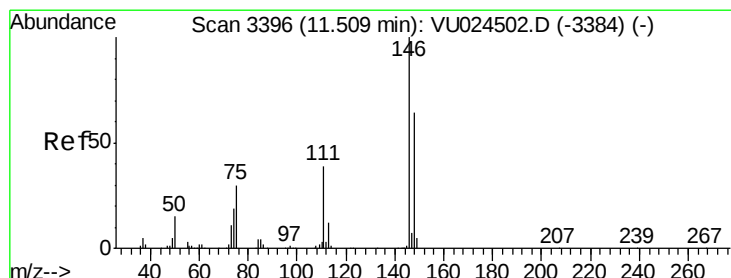
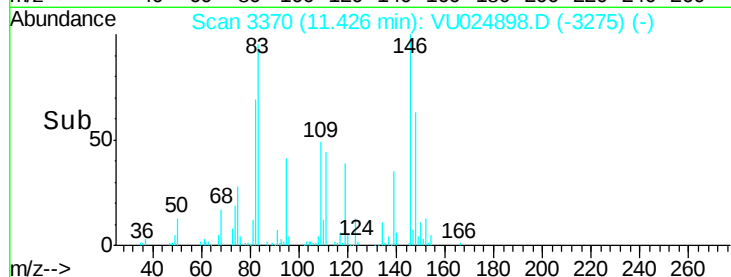
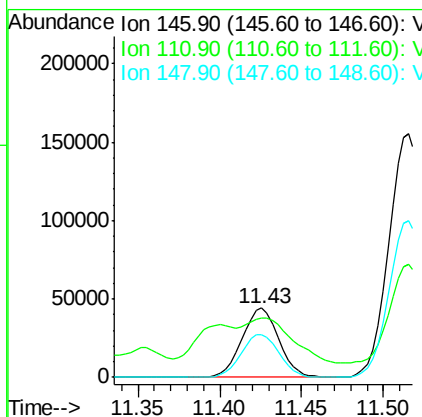
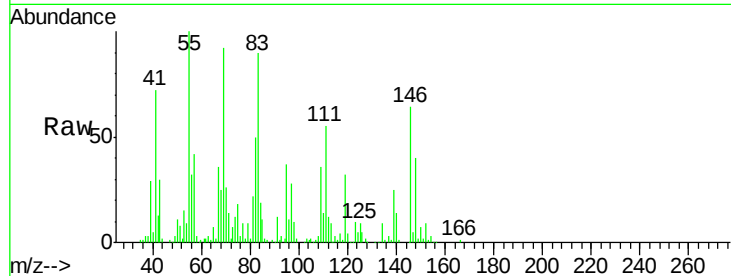
ClientSampleId :

WP021SB483-27-29-180620ME

Tot Ion:	146	Resp:	68730
Ion Ratio	Lower	Upper	
146	100		
111	162.2	20.0	60.0#
148	226.7	32.1	96.5#

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#88

1,4-Dichlorobenzene

Concen: 30.18 ug/l

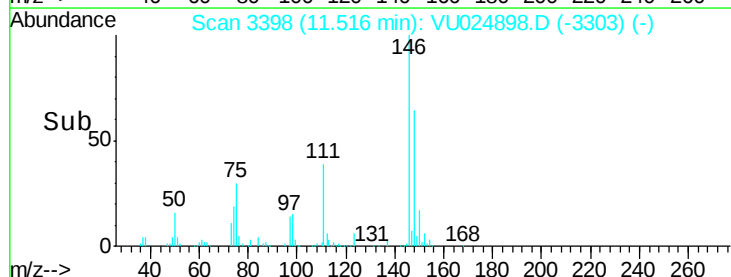
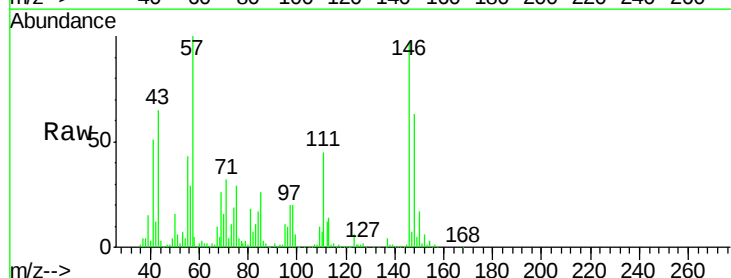
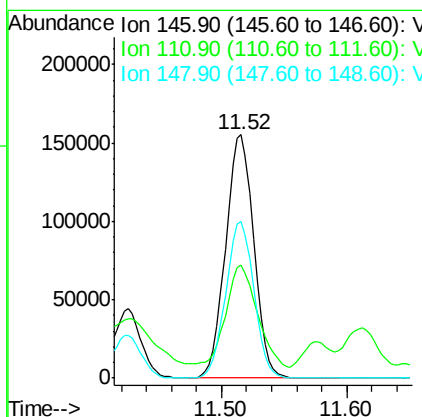
RT: 11.52 min Scan# 3398

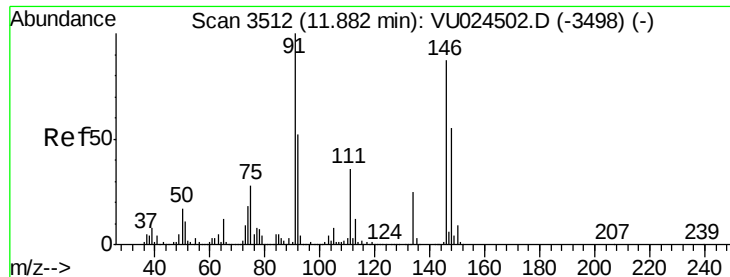
Delta R.T. 0.01 min

Lab File: VU024898.D

Acq: 26 Jun 2018 01:01

Tgt Ion:	146	Resp:	241002
Ion Ratio	Lower	Upper	
146	100		
111	46.3	19.5	58.5
148	64.6	32.4	97.0





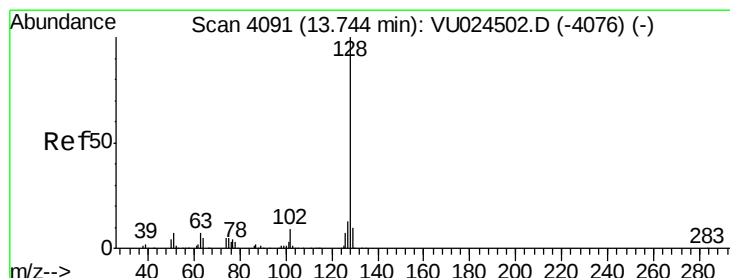
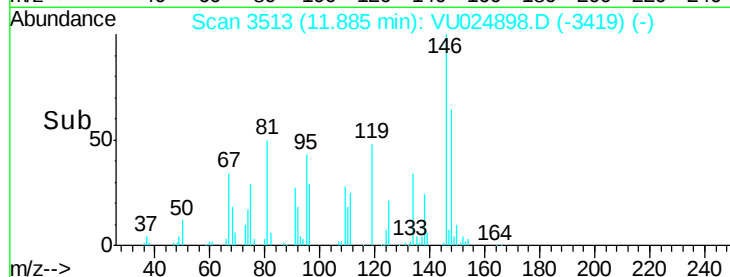
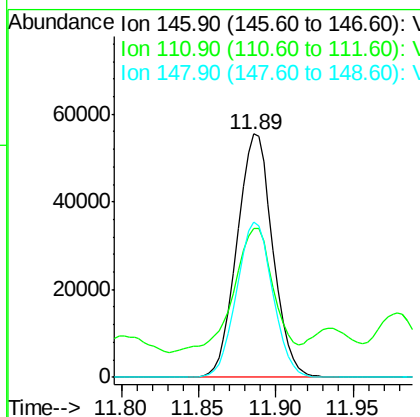
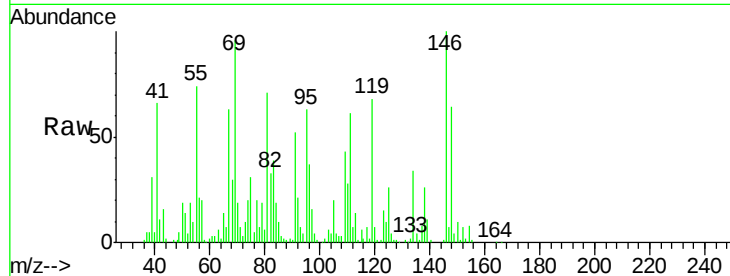
#91
1,2-Dichlorobenzene
Concen: 11.20 ug/l
RT: 11.89 min Scan# 3513
Delta R.T. 0.00 min
Lab File: VU024898.D
Acq: 26 Jun 2018 01:01

Instrument :
MSVOA_U
ClientSampleId :
WP021SB483-27-29-180620ME

Tot Ion	Ratio	Lower	Upper
146	100		
111	56.4	20.5	61.6
148	64.4	31.9	95.7

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#95
Naphthalene
Concen: 7.54 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU024898.D
Acq: 26 Jun 2018 01:01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	12.7	8.6	12.8

