

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025220.D
 Acq On : 05 Jul 2018 17:03
 Operator : MD/SY
 Sample : J3808-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW465-180628

Manual Integrations
 APPROVED

sam
 7/6/2018 4:21:52 PM

Quant Time: Jul 06 16:27:35 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	244733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.90	114	372446	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	357994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	193758	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.32	65	180154	45.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.18%	
35) Dibromofluoromethane	4.90	113	137870	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
50) Toluene-d8	7.57	98	542169	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	10.31	95	207601	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

Target Compounds

						Qvalue
4) Vinyl Chloride	1.39	62	13879661m	4300.427	ug/l	
9) 1,1,2-Trichlorotrifluoroet	2.29	101	4102	1.342	ug/l #	52
11) Tert butyl alcohol	2.82	59	24312	25.020	ug/l	99
12) 1,1-Dichloroethene	2.29	96	1250269	448.663	ug/l	97
16) Acetone	2.32	43	12773	5.950	ug/l	98
20) Methylene Chloride	2.71	84	11738	3.485	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	1431577	466.433	ug/l	98
24) 1,1-Dichloroethane	3.46	63	99257	16.822	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	67936879m	19253.506	ug/l	
30) Chloroform	4.69	83	213910	35.818	ug/l	98
31) Cyclohexane	5.01	56	66284	11.115	ug/l #	91
39) Methylcyclohexane	6.44	83	40469	7.410	ug/l	95
40) Benzene	5.40	78	1068127	85.651	ug/l	99
42) 1,2-Dichloroethane	5.41	62	32257	6.791	ug/l	93
44) Trichloroethene	6.20	130	56908782m	16034.511	ug/l	
51) 4-Methyl-2-Pentanone	7.47	43	11997	2.316	ug/l	94
52) Toluene	7.64	92	1812363	225.890	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	180646	55.390	ug/l	99
64) Tetrachloroethene	8.23	164	11181	3.286	ug/l	94
65) Chlorobenzene	9.12	112	357254	39.064	ug/l	98
67) Ethyl Benzene	9.26	91	93419	5.827	ug/l	100
68) m/p-Xylenes	9.38	106	60540	9.833	ug/l	99
69) o-Xylene	9.78	106	37675	6.183	ug/l	94
73) Isopropylbenzene	10.17	105	64836	4.358	ug/l	99
78) n-propylbenzene	10.59	91	19530	1.114	ug/l	96
80) 1,3,5-Trimethylbenzene	10.78	105	20823	1.615	ug/l	99
83) tert-Butylbenzene	11.10	119	29767	2.400	ug/l	92
84) 1,2,4-Trimethylbenzene	11.15	105	46634	3.549	ug/l	98
85) sec-Butylbenzene	11.33	105	34561	2.226	ug/l	100
86) p-Isopropyltoluene	11.48	119	2868m	0.206	ug/l	
87) 1,3-Dichlorobenzene	11.42	146	52747	7.581	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	111711	15.952	ug/l	98
89) n-Butylbenzene	11.89	91	4706	0.381	ug/l #	41
91) 1,2-Dichlorobenzene	11.88	146	306279	43.948	ug/l	99

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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)
95) Naphthalene	13.75	128	89552	6.880	ug/l	99

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

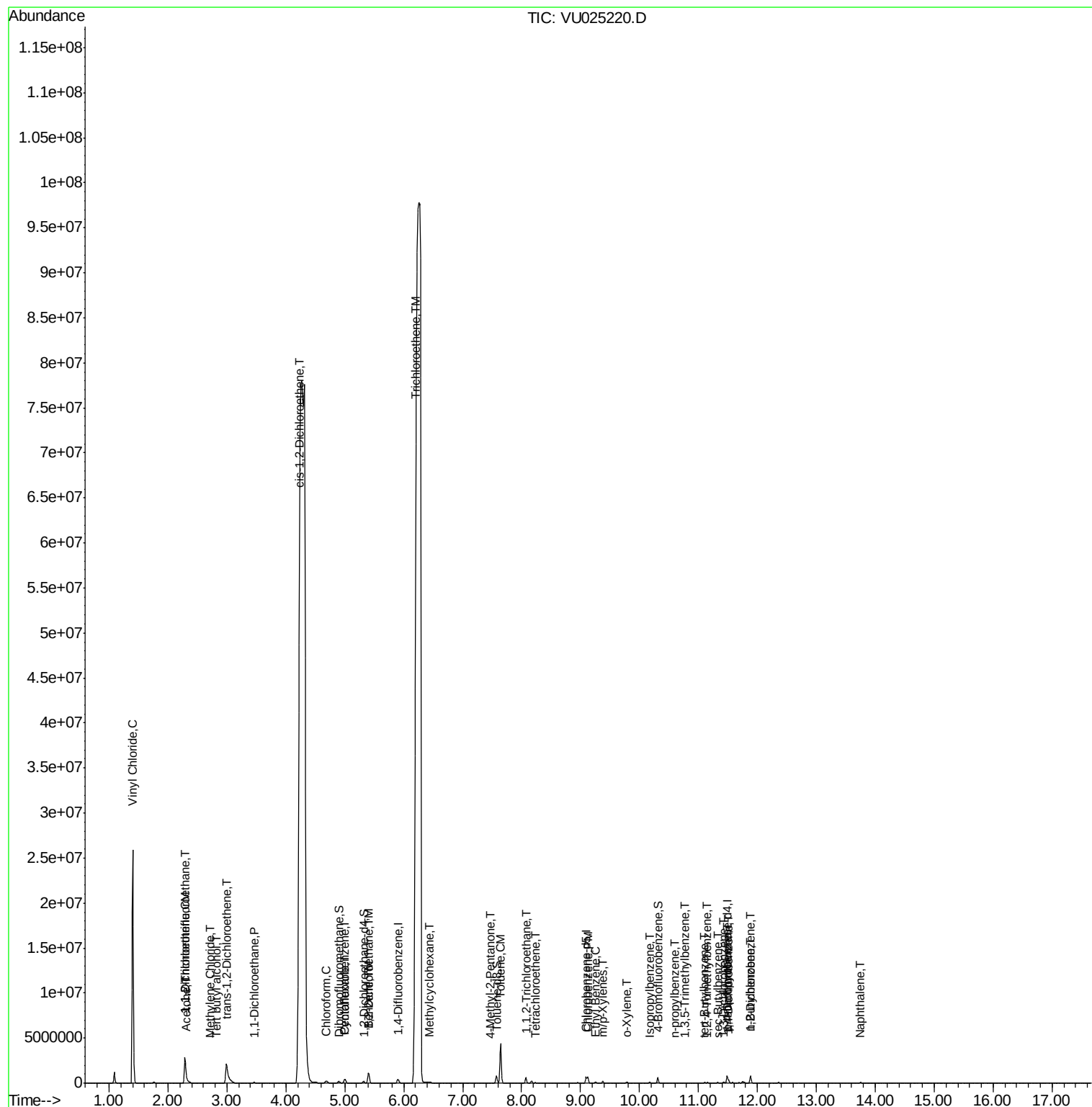
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Data File : VU025220.D
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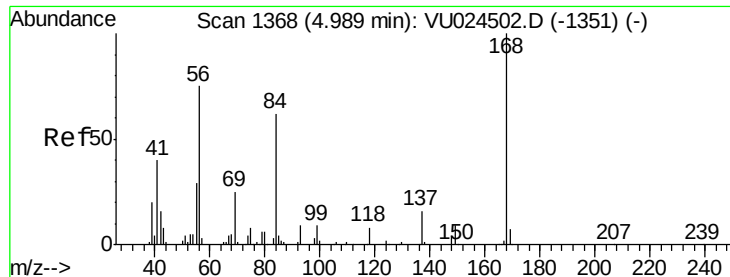
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1370

Delta R.T. 0.01 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

ClientSampleId :

WP021IW465-180628

Tot Ion:168 Resp: 244733

Ion Ratio Lower Upper

168 100

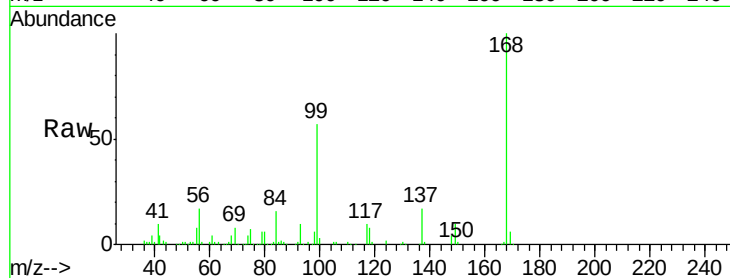
99 56.5 43.2 64.8

Manual Integrations

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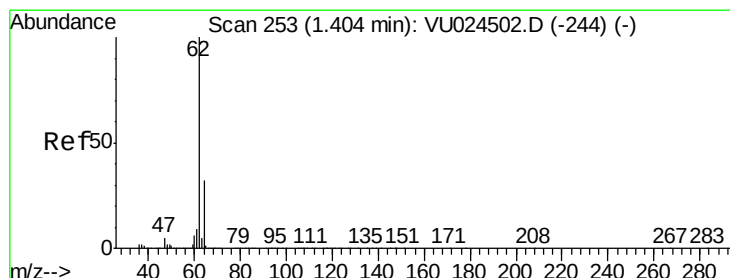
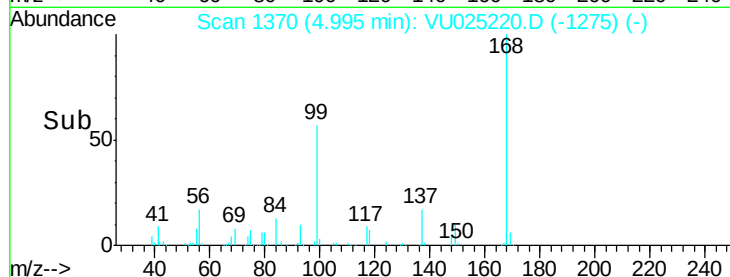
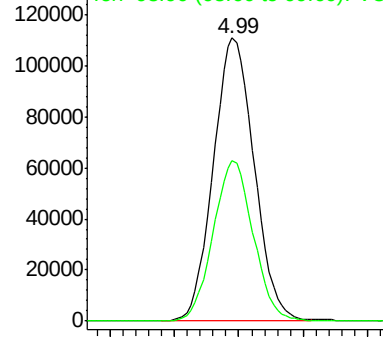
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#4

Vinyl Chloride

Concen: 4300.427 ug/l m

RT: 1.39 min Scan# 250

Delta R.T. -0.01 min

Lab File: VU025220.D

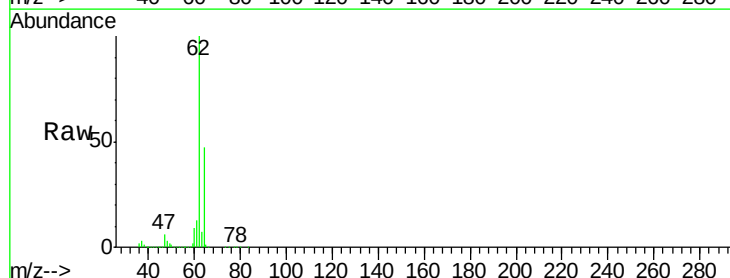
Acq: 05 Jul 2018 17:03

Tgt Ion: 62 Resp:13879661

Ion Ratio Lower Upper

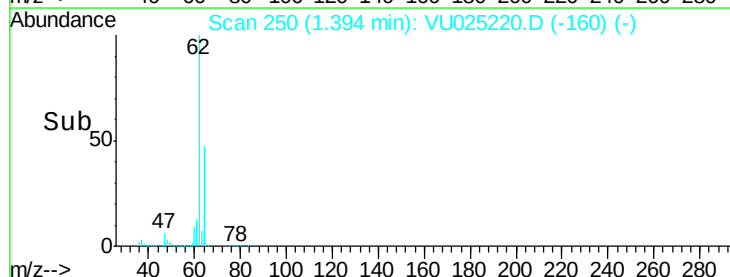
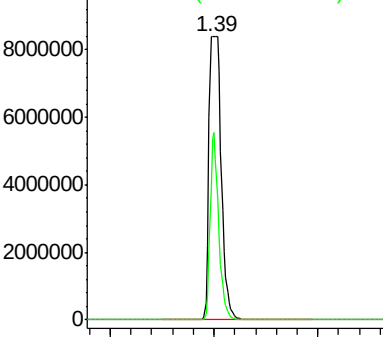
62 100

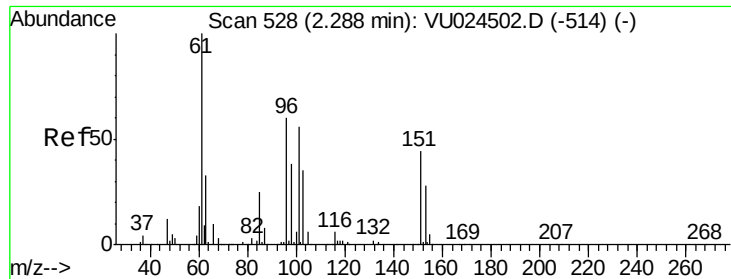
64 47.2 24.8 37.2#



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.342 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

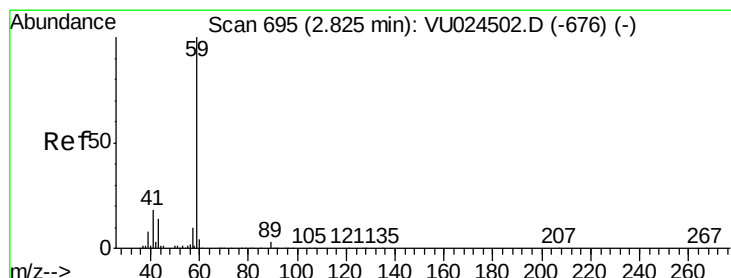
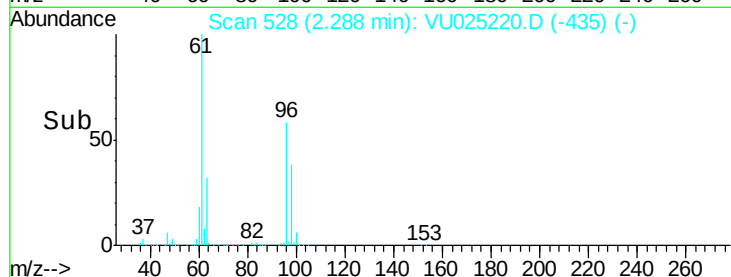
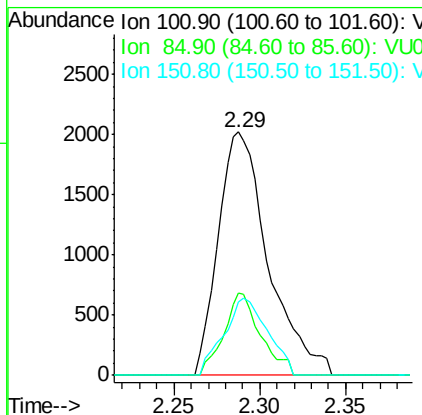
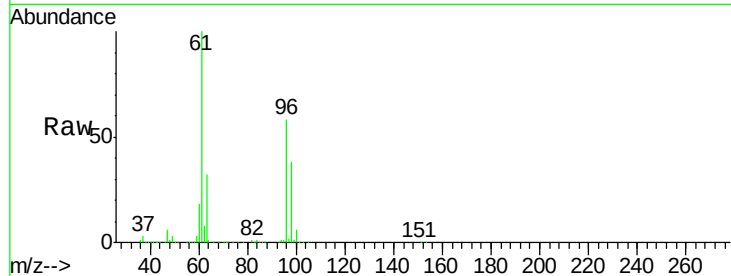
ClientSampleId :

WP021IW465-180628

Tot Ion:	101	Resp:	4102
Ion Ratio	Lower	Upper	
101	100		
85	24.9	36.0	54.0#
151	27.9	62.3	93.5#

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#11

Tert butyl alcohol

Concen: 25.020 ug/l

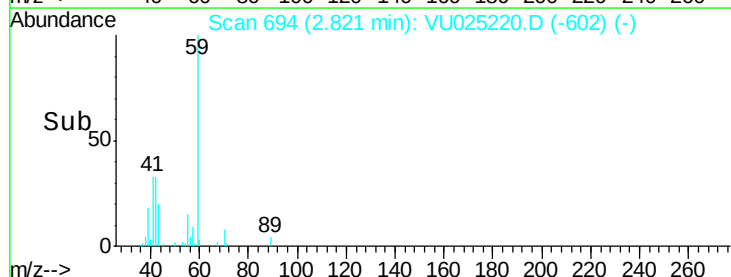
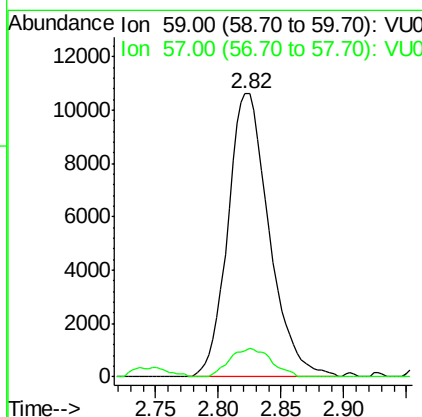
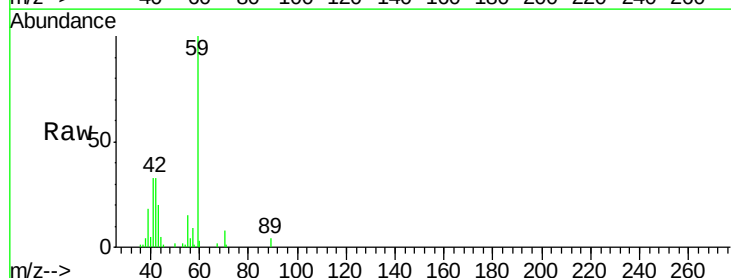
RT: 2.82 min Scan# 694

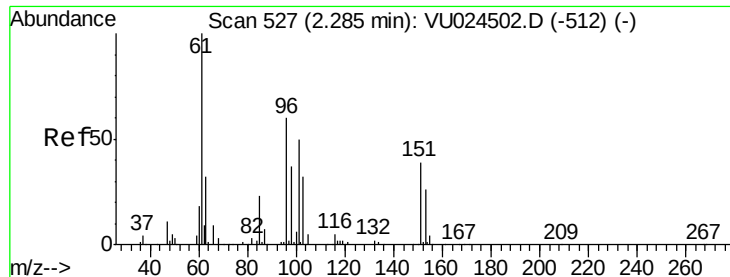
Delta R.T. -0.00 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Tgt Ion:	59	Resp:	24312
Ion Ratio	Lower	Upper	
59	100		
57	10.3	8.5	12.7





#12

1,1-Dichloroethene

Concen: 448.663 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

ClientSampleId :

WP021IW465-180628

Tot Ion: 96 Resp: 1250269

Ion Ratio Lower Upper

96 100

61 172.6 141.7 212.5

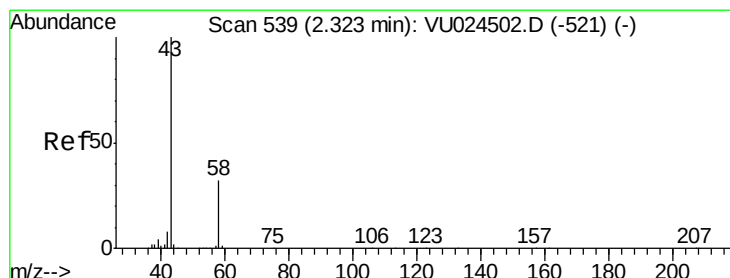
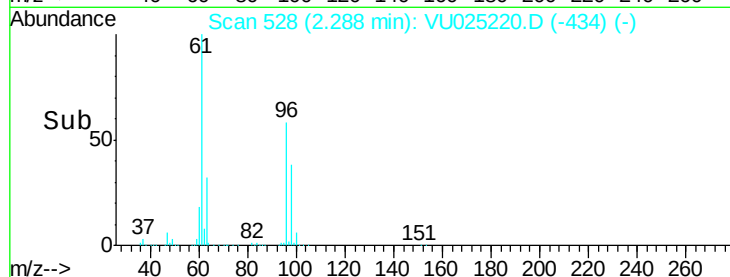
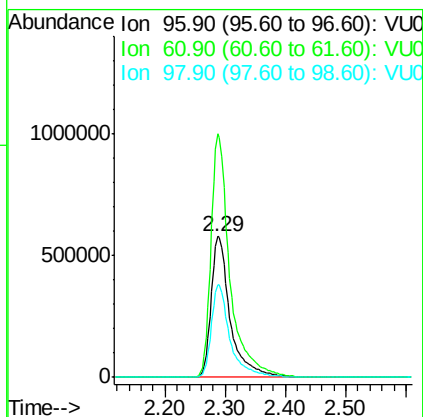
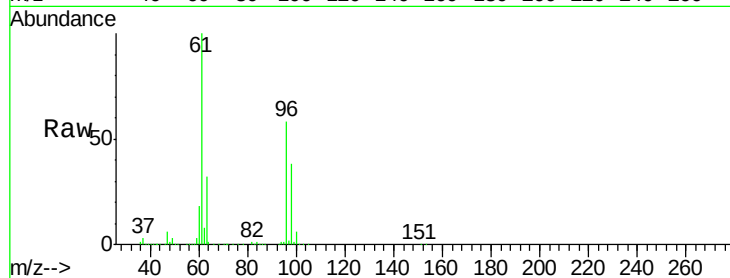
98 65.3 51.6 77.4

Manual Integrations

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#16

Acetone

Concen: 5.950 ug/l

RT: 2.32 min Scan# 539

Delta R.T. -0.00 min

Lab File: VU025220.D

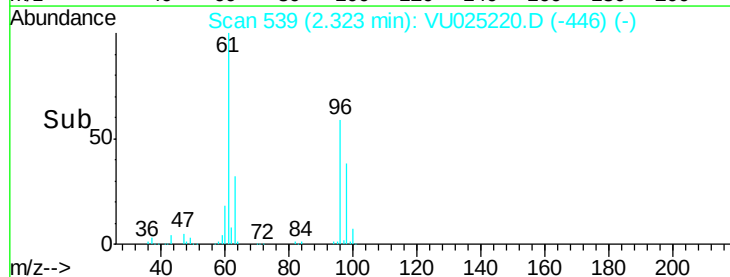
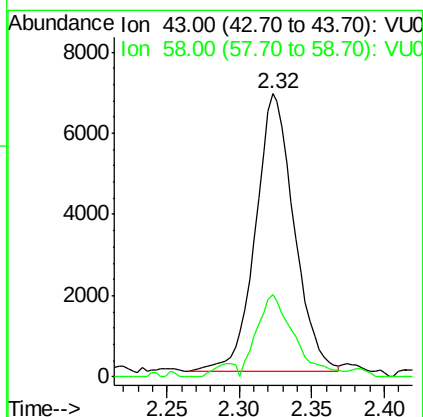
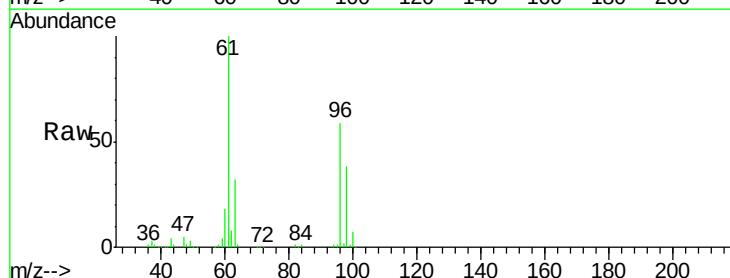
Acq: 05 Jul 2018 17:03

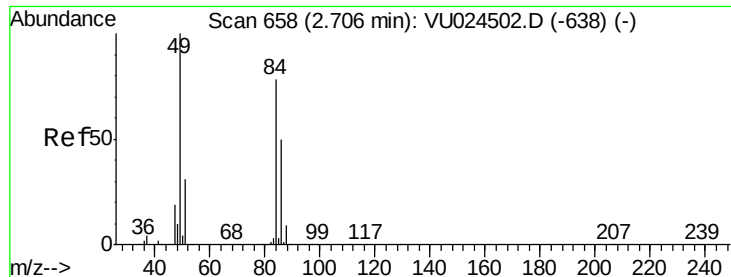
Tgt Ion: 43 Resp: 12773

Ion Ratio Lower Upper

43 100

58 29.7 24.4 36.6





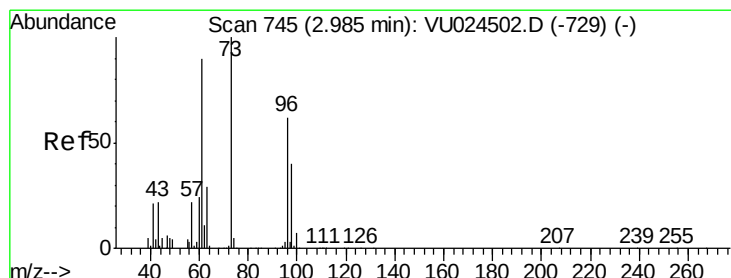
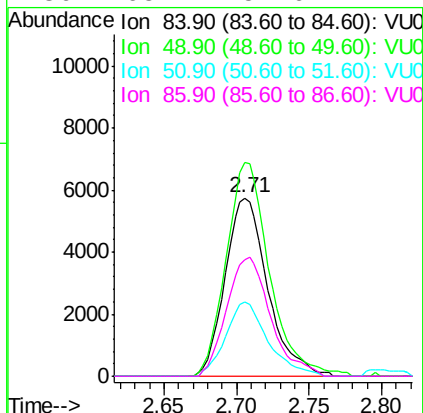
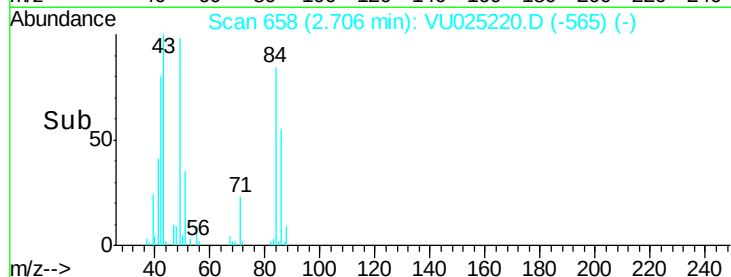
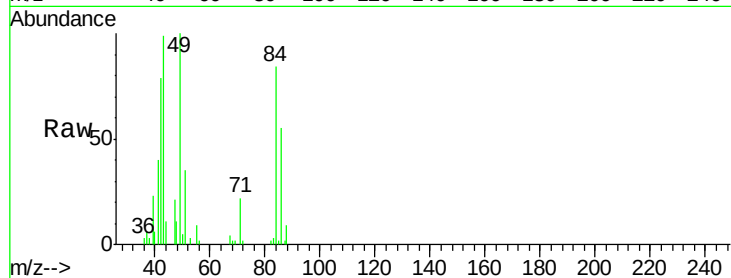
#20
Methylene Chloride
Concen: 3.485 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025220.D
Acq: 05 Jul 2018 17:03

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Tot Ion:	84	Resp:	11738
Ion	Ratio	Lower	Upper
84	100		
49	119.7	103.8	155.8
51	41.8	32.0	48.0
86	65.4	51.6	77.4

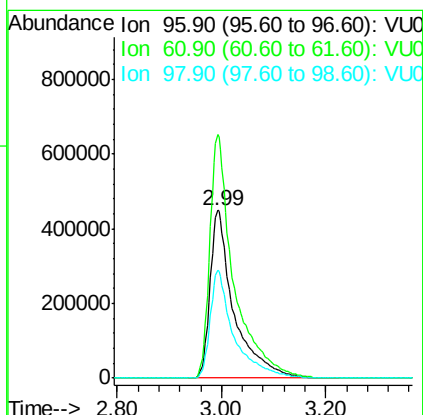
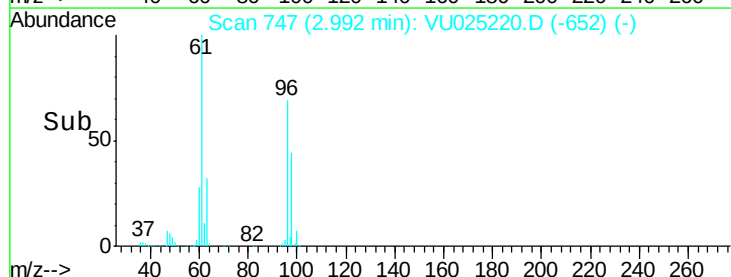
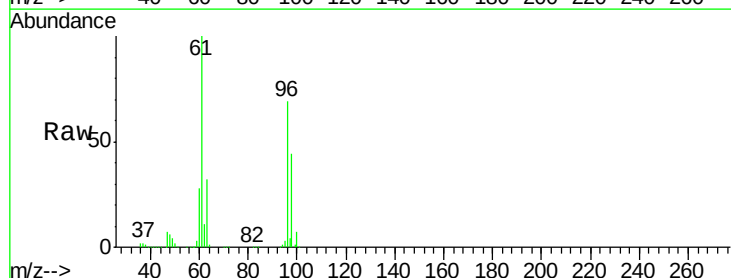
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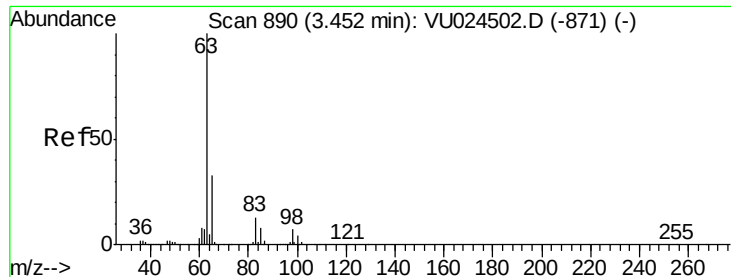
sam
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#21
trans-1,2-Dichloroethene
Concen: 466.433 ug/l
RT: 2.99 min Scan# 747
Delta R.T. 0.01 min
Lab File: VU025220.D
Acq: 05 Jul 2018 17:03

Tgt Ion:	96	Resp:	1431577
Ion	Ratio	Lower	Upper
96	100		
61	145.3	119.4	179.0
98	64.0	51.1	76.7





#24

1,1-Dichloroethane

Concen: 16.822 ug/l

RT: 3.46 min Scan# 893

Delta R.T. 0.01 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

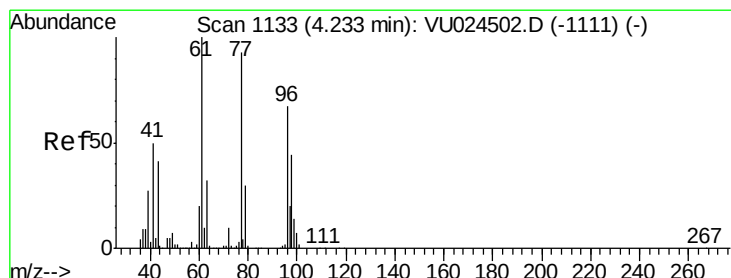
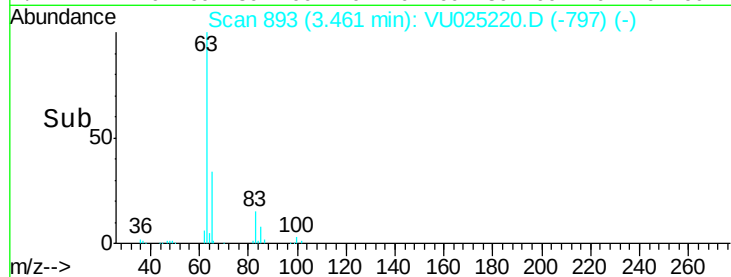
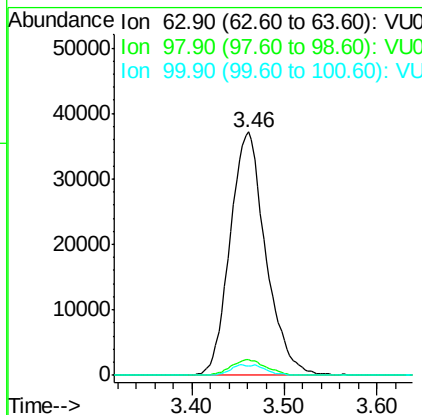
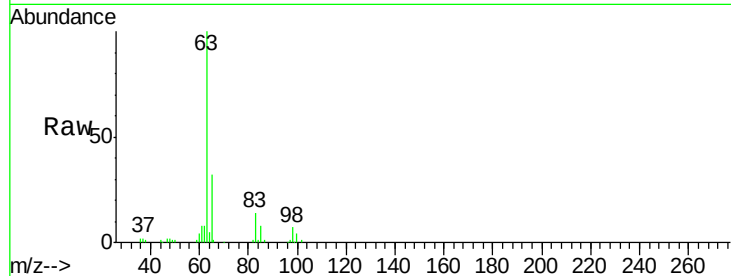
ClientSampleId :

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Tot Ion:	63	Resp:	99257
Ion Ratio	Lower	Upper	
63	100		
98	6.7	3.5	10.4
100	3.6	1.8	5.5

Manual Integrations
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#27

cis-1,2-Dichloroethene

Concen: 19253.506 ug/l m

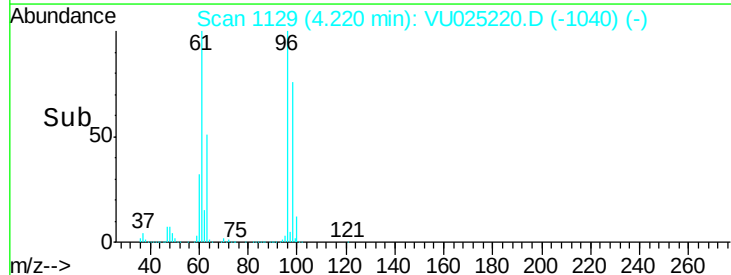
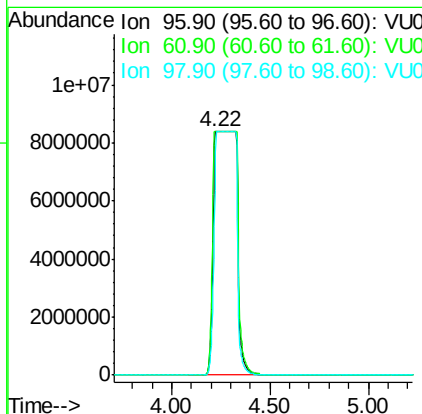
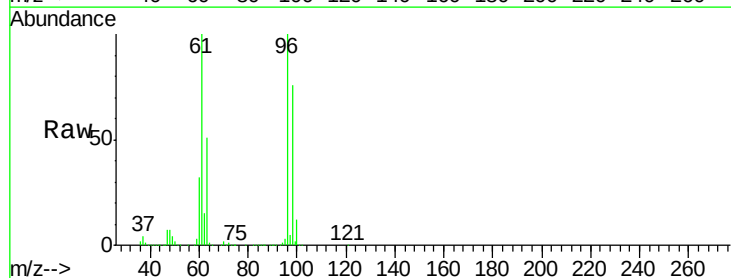
RT: 4.22 min Scan# 1129

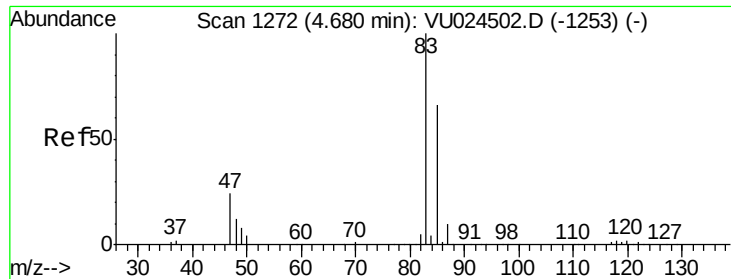
Delta R.T. -0.01 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Tgt Ion:	96	Resp:	67936879
Ion Ratio	Lower	Upper	
96	100		
61	0.0	0.0	306.6
98	0.0	0.0	128.8





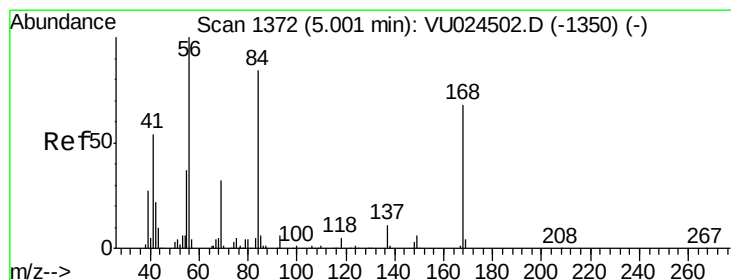
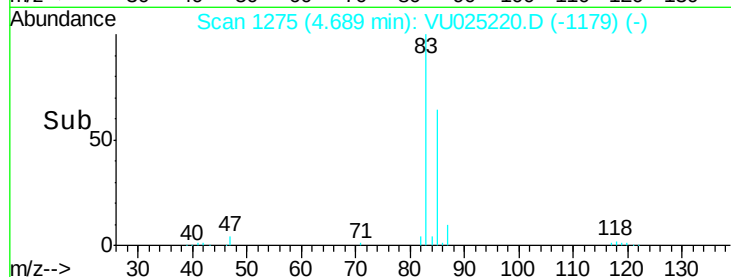
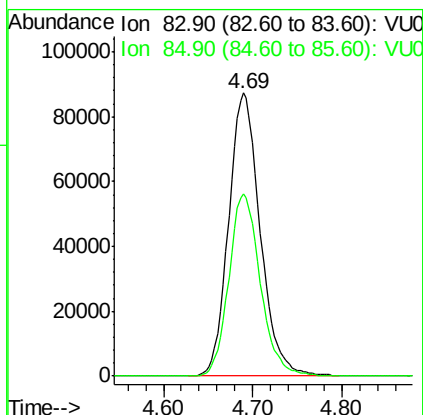
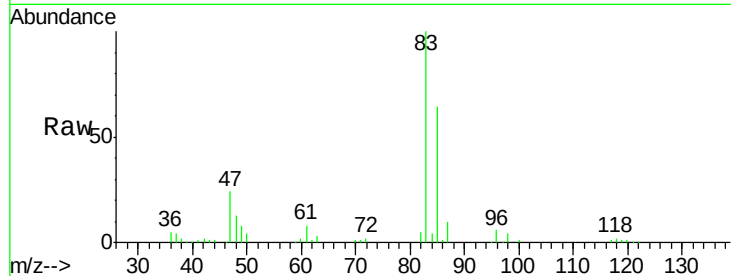
#30
Chloroform
Concen: 35.818 ug/l
RT: 4.69 min Scan# 1275
Delta R.T. 0.01 min
Lab File: VU025220.D
Acq: 05 Jul 2018 17:03

Instrument :
MSVOA_U
ClientSampleId :
WP021IW465-180628

Tot Ion: 83 Resp: 213910
Ion Ratio Lower Upper
83 100
85 64.2 52.4 78.6

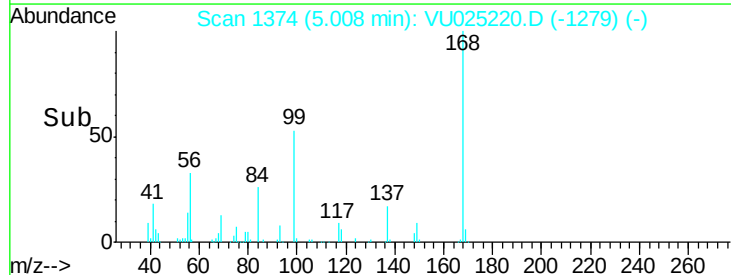
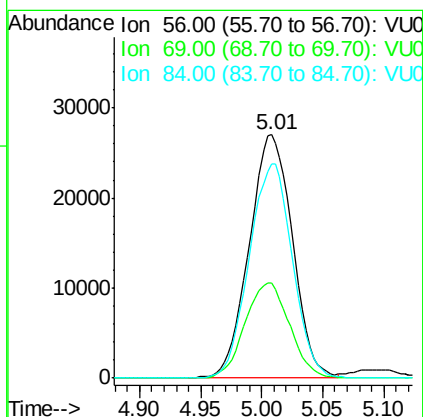
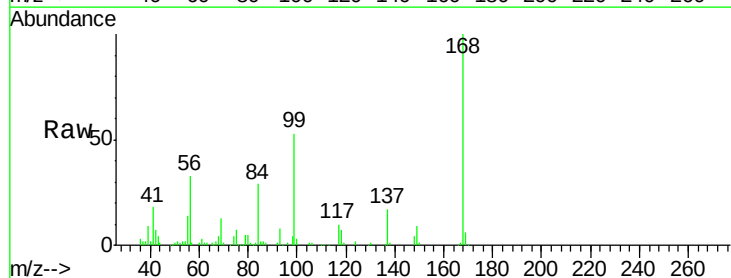
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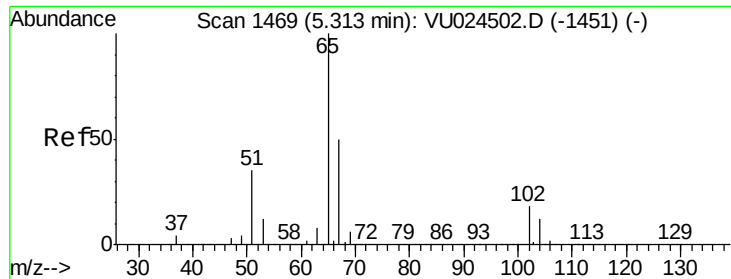
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#31
Cyclohexane
Concen: 11.115 ug/l
RT: 5.01 min Scan# 1374
Delta R.T. 0.01 min
Lab File: VU025220.D
Acq: 05 Jul 2018 17:03

Tgt Ion: 56 Resp: 66284
Ion Ratio Lower Upper
56 100
69 38.9 24.8 37.2#
84 87.9 65.2 97.8





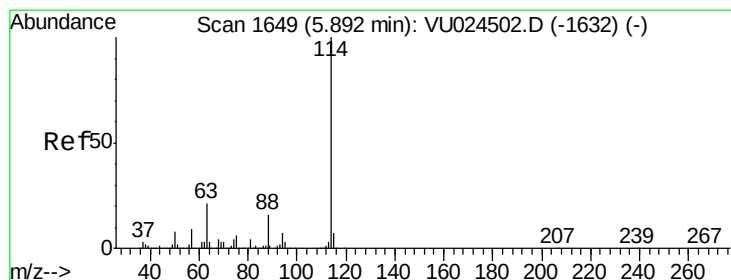
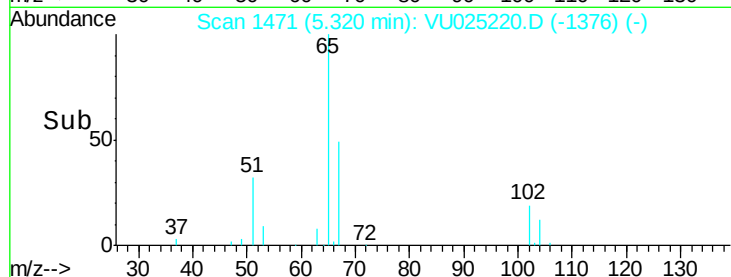
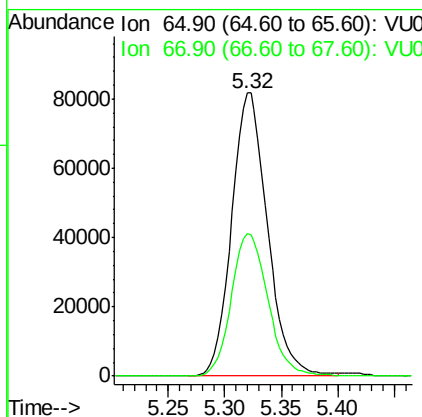
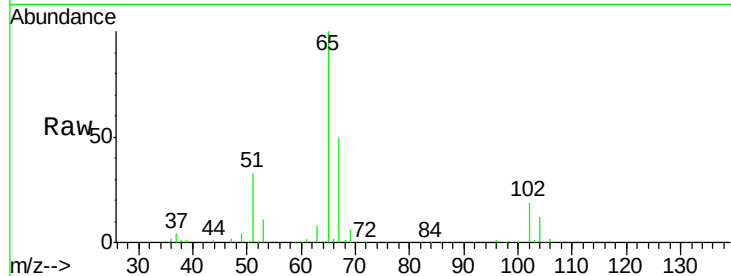
#33
 1,2-Dichloroethane-d4
 Concen: 45.091 ug/l
 RT: 5.32 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: VU025220.D
 Acq: 05 Jul 2018 17:03

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW465-180628

Tot Ion	Ratio	Resp	Lower	Upper
65	100	180154		
67	51.6	0.0	107.0	

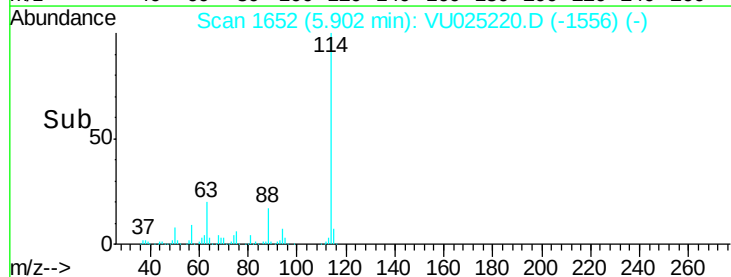
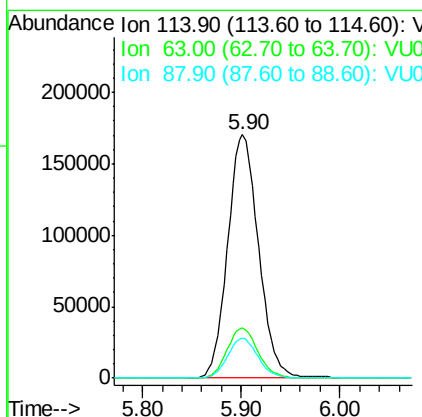
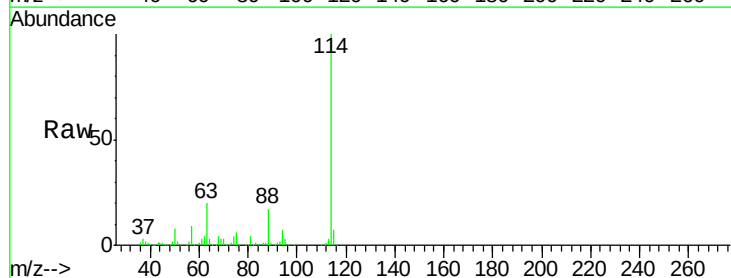
Manual Integrations
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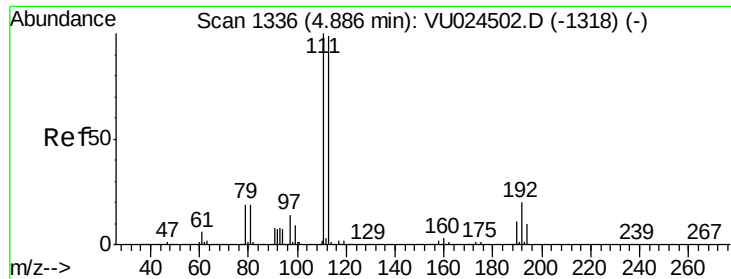
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.90 min Scan# 1652
 Delta R.T. 0.01 min
 Lab File: VU025220.D
 Acq: 05 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	372446		
63	20.4	0.0	45.4	
88	16.5	0.0	31.0	





#35

Dibromofluoromethane

Concen: 44.603 ug/l

RT: 4.90 min Scan# 1339

Delta R.T. 0.01 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

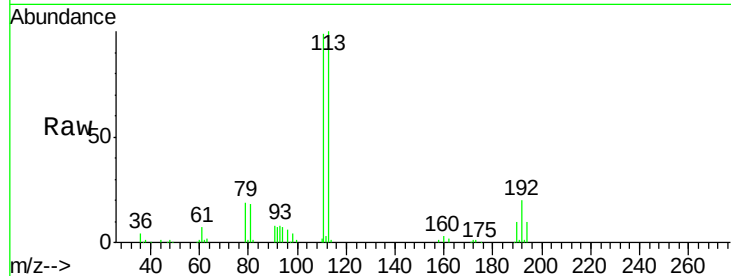
ClientSampleId :

WP021IW465-180628

Tot Ion:	113	Resp:	137870
Ion Ratio	Lower	Upper	
113	100		
111	100.2	82.2	123.4
192	20.4	16.2	24.4

Manual Integrations
APPROVED

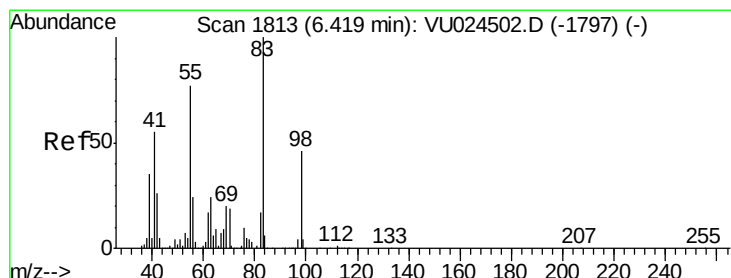
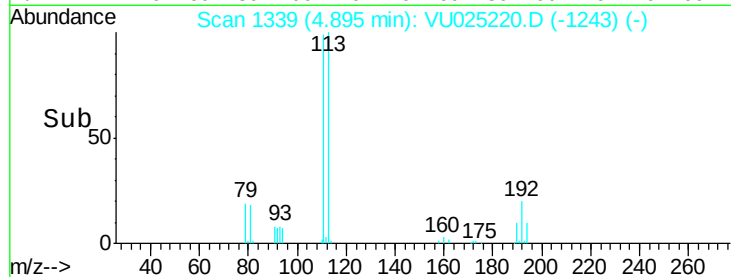
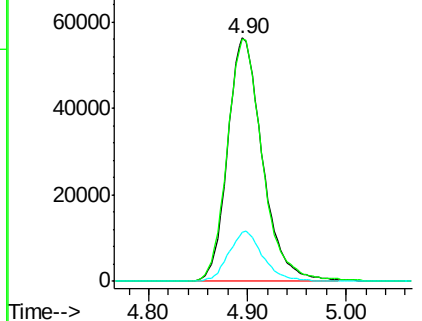
sam
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Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#39

Methylcyclohexane

Concen: 7.410 ug/l

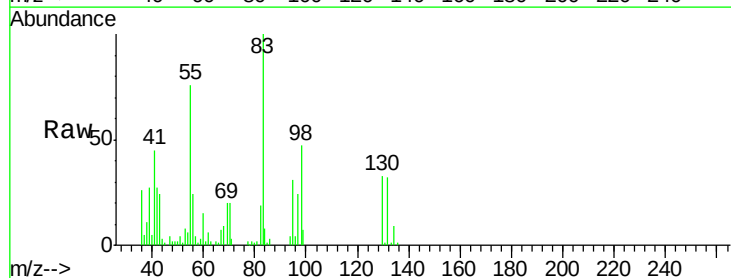
RT: 6.44 min Scan# 1820

Delta R.T. 0.02 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

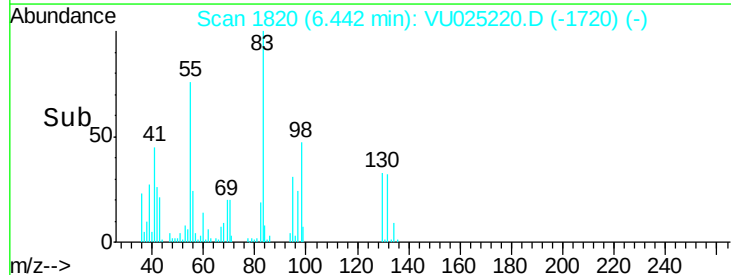
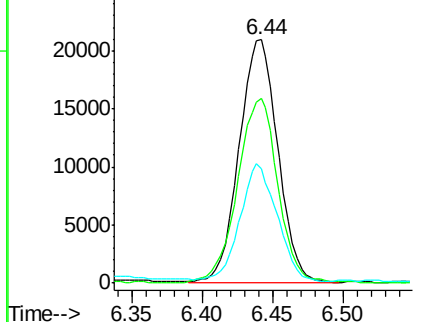
Tgt Ion:	83	Resp:	40469
Ion Ratio	Lower	Upper	
83	100		
55	75.7	65.8	98.6
98	46.2	36.7	55.1

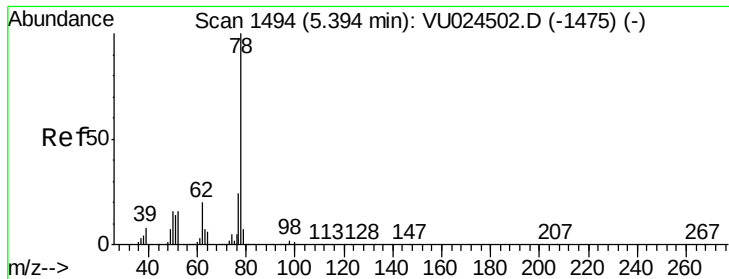


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#40

Benzene

Concen: 85.651 ug/l

RT: 5.40 min Scan# 1497

Delta R.T. 0.01 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

ClientSampleId :

WP021IW465-180628

Tot Ion: 78 Resp: 1068127

Ion Ratio Lower Upper

78 100

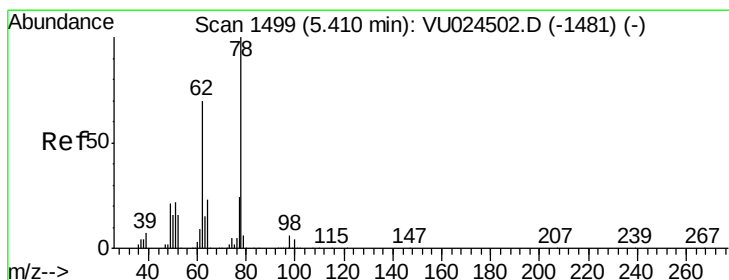
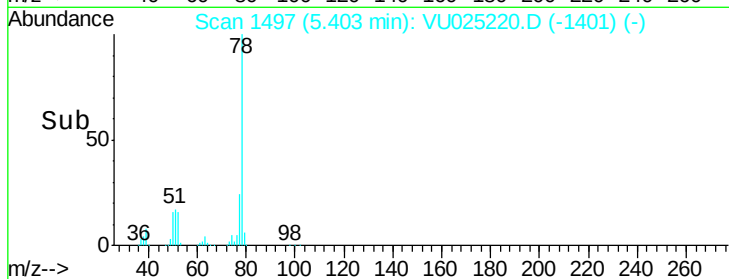
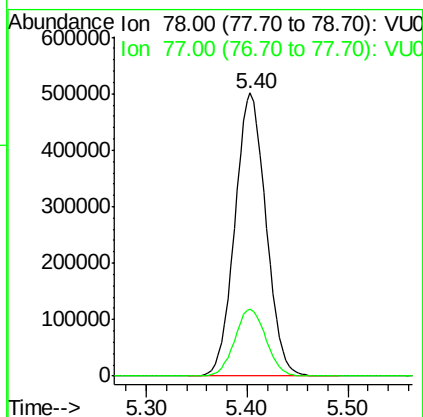
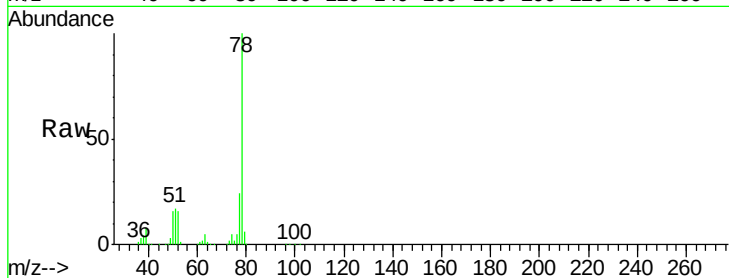
77 23.7 19.2 28.8

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 6.791 ug/l

RT: 5.41 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VU025220.D

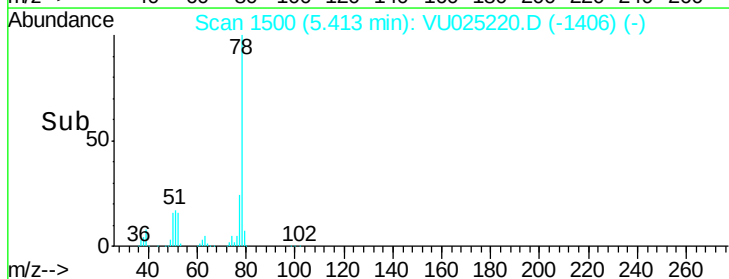
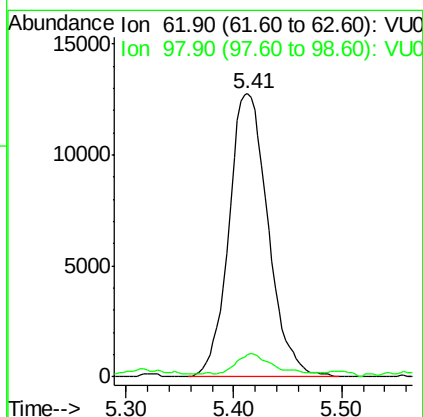
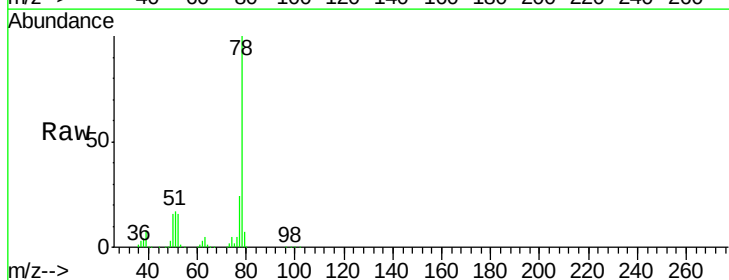
Acq: 05 Jul 2018 17:03

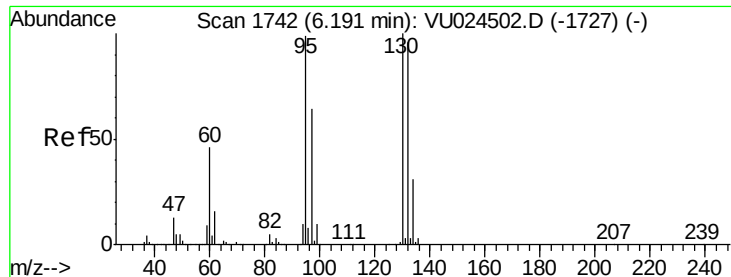
Tgt Ion: 62 Resp: 32257

Ion Ratio Lower Upper

62 100

98 5.8 0.0 16.6





#44

Trichloroethene

Concen: 16034.511 ug/l m

RT: 6.20 min Scan# 1744

Delta R.T. 0.01 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

ClientSampleId :

WP021IW465-180628

Tot Ion:130 Resp:56908782

Ion Ratio Lower Upper

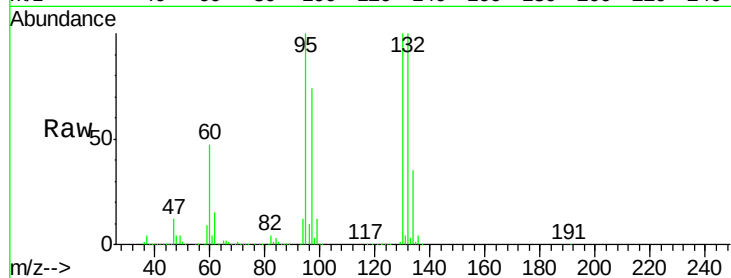
130 100

95 100.0 0.0 202.4

Manual Integrations
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

8000000

6000000

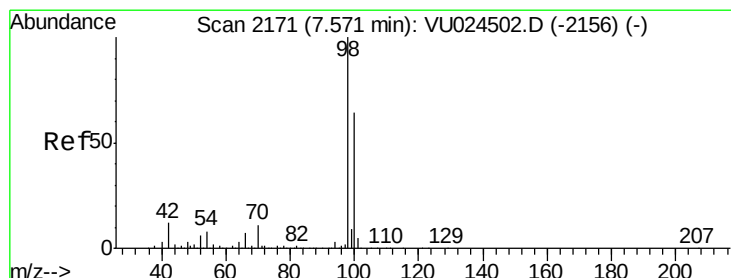
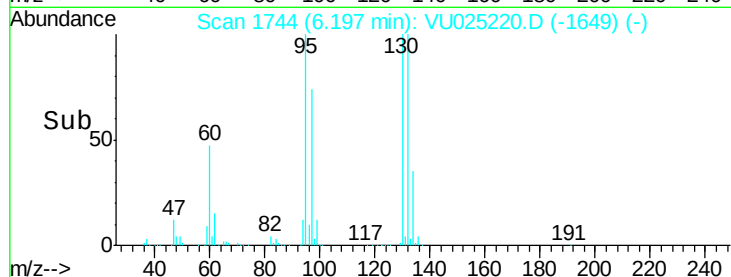
4000000

2000000

0

6.00 6.20 6.40

Time-->



#50

Toluene-d8

Concen: 48.087 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025220.D

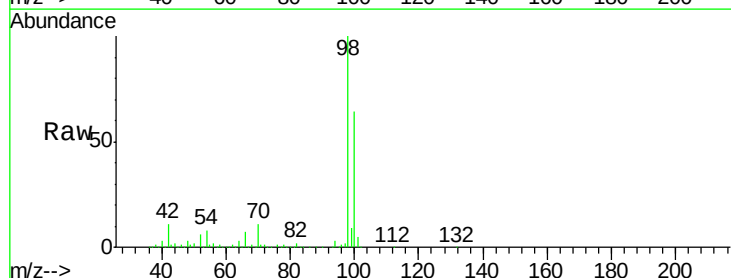
Acq: 05 Jul 2018 17:03

Tgt Ion: 98 Resp: 542169

Ion Ratio Lower Upper

98 100

100 64.5 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

300000

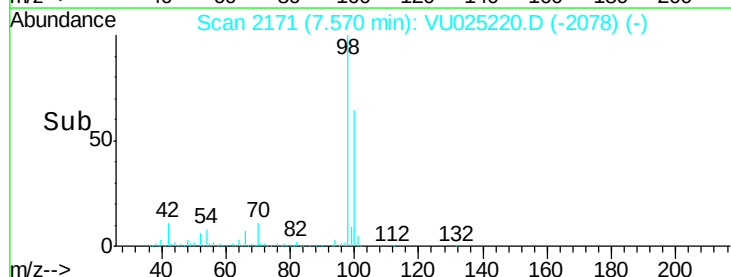
200000

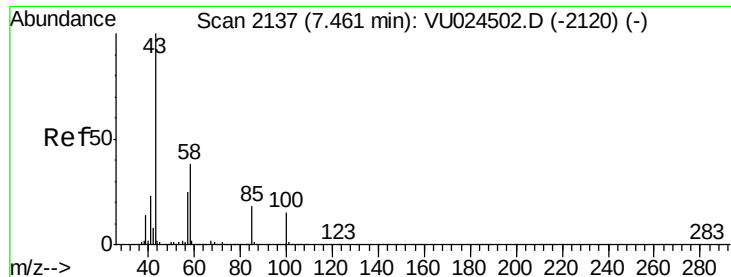
100000

0

7.50 7.60

Time-->





#51

4-Methyl-2-Pentanone

Concen: 2.316 ug/l

RT: 7.47 min Scan# 2139

Delta R.T. 0.01 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

ClientSampleId :

WP021IW465-180628

Tot Ion: 43 Resp: 11997

Ion Ratio Lower Upper

43 100

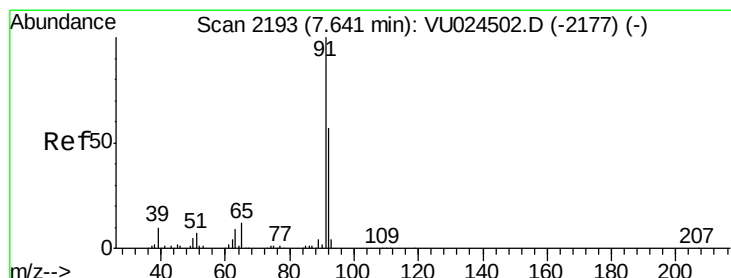
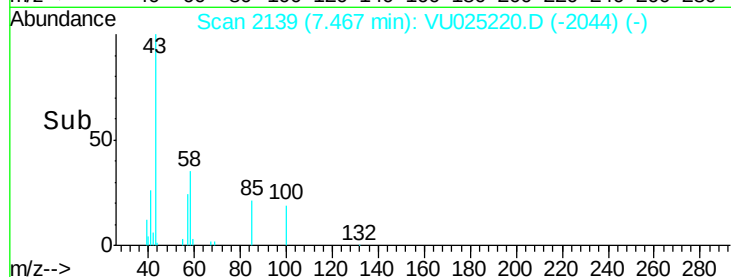
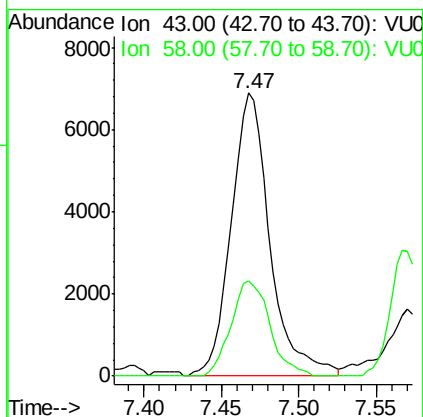
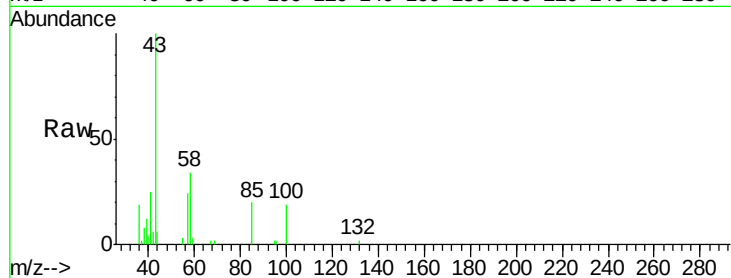
58 33.7 30.0 45.0

Manual Integrations

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#52

Toluene

Concen: 225.890 ug/l

RT: 7.64 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU025220.D

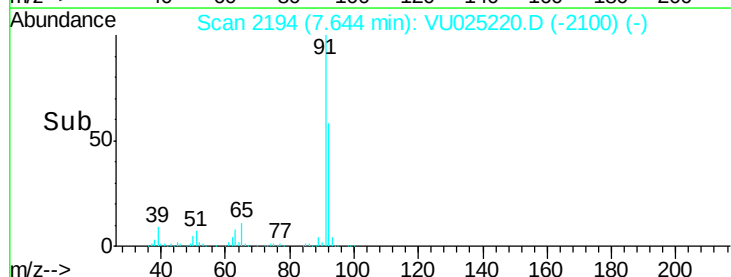
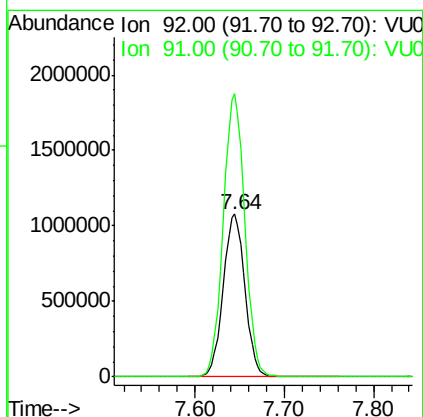
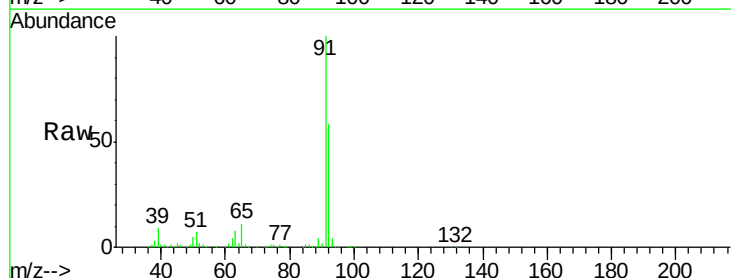
Acq: 05 Jul 2018 17:03

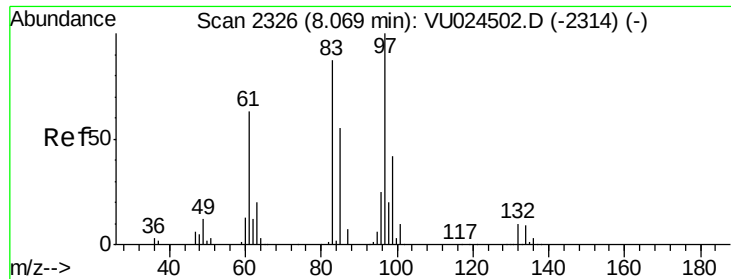
Tgt Ion: 92 Resp: 1812363

Ion Ratio Lower Upper

92 100

91 173.2 140.5 210.7





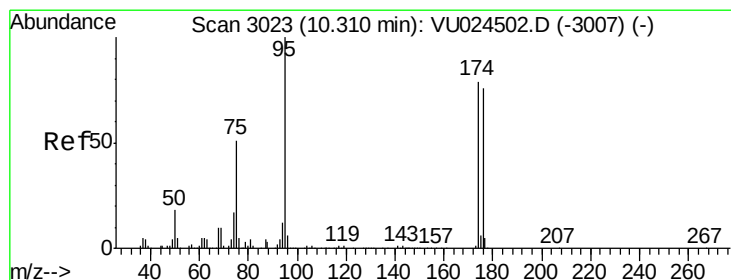
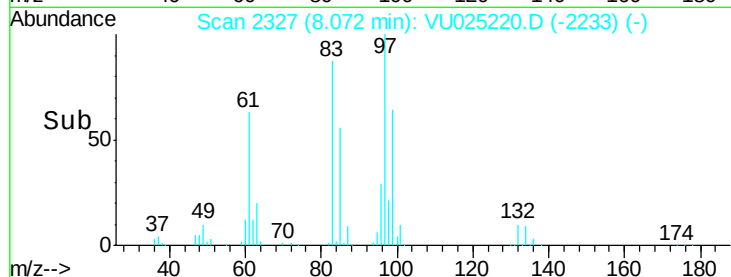
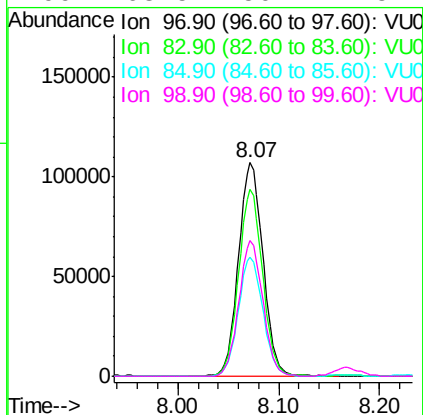
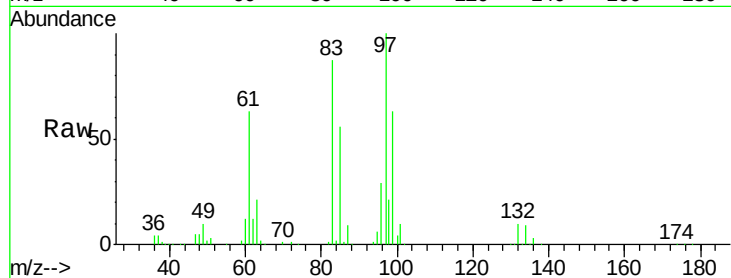
#55
 1,1,2-Trichloroethane
 Concen: 55.390 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025220.D
 Acq: 05 Jul 2018 17:03

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW465-180628

Tot Ion	97	Resp	180646
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.5	105.7
85	56.0	46.4	69.6
99	63.5	50.2	75.2

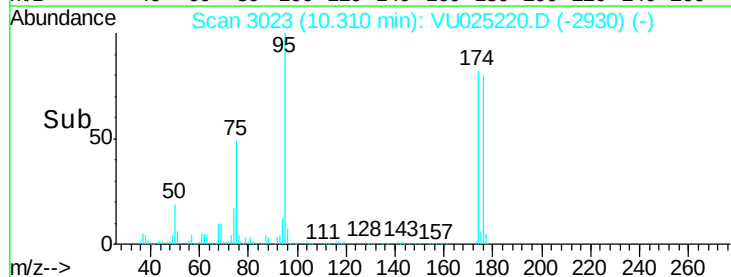
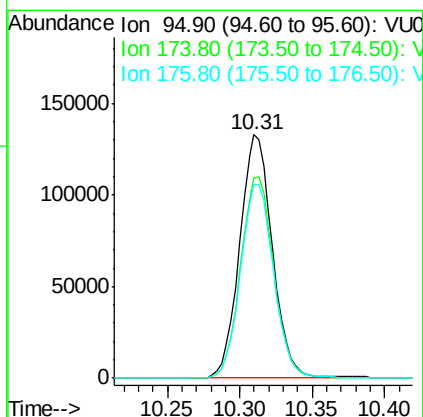
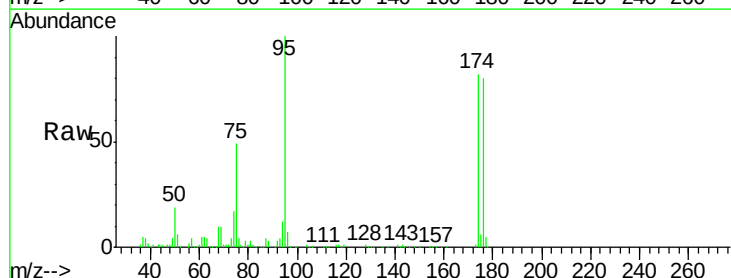
Manual Integrations
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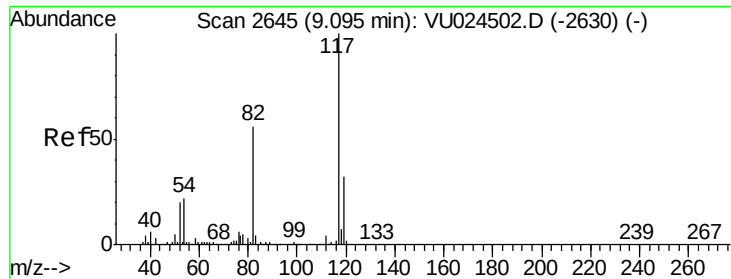
sam
 7/6/2018 4:21:52 PM



#62
 4-Bromofluorobenzene
 Concen: 46.375 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU025220.D
 Acq: 05 Jul 2018 17:03

Tgt Ion	95	Resp	207601
Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	165.8
176	81.3	0.0	159.4





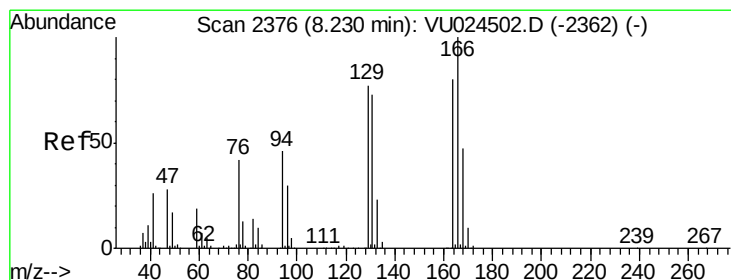
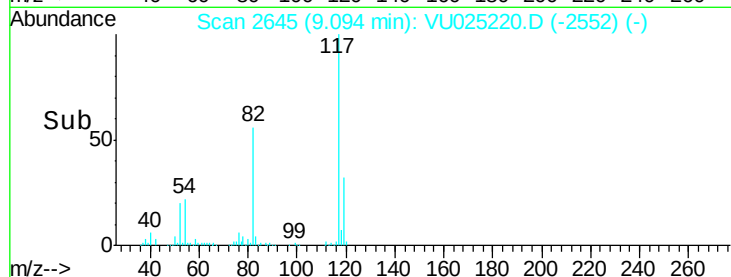
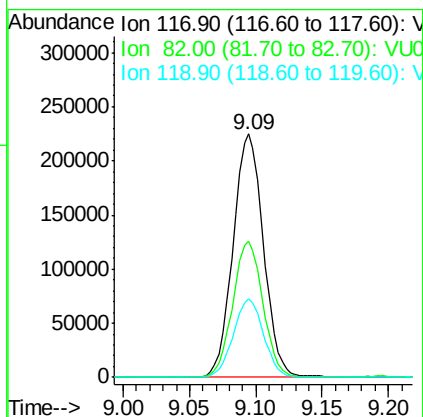
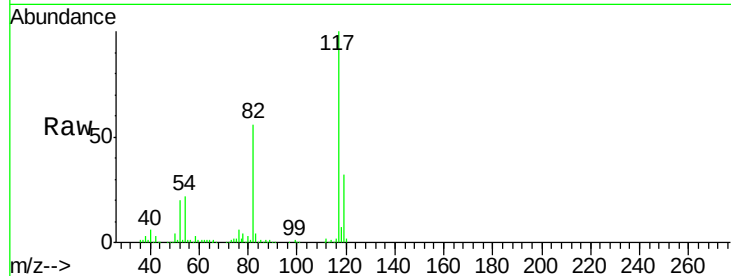
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025220.D
Acq: 05 Jul 2018 17:03

Instrument :
MSVOA_U
ClientSampleId :
WP021IW465-180628

Tot Ion	Ratio	Resp	Lower	Upper
117	100	357994		
82	55.9	44.3	66.5	
119	32.3	25.4	38.2	

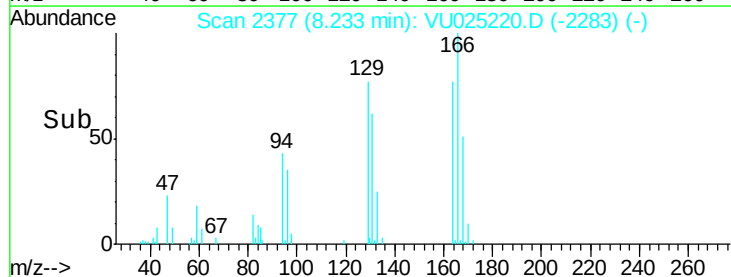
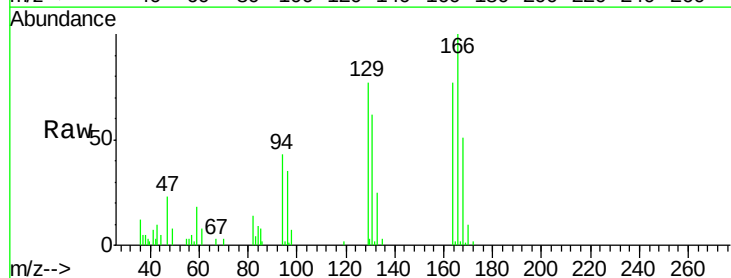
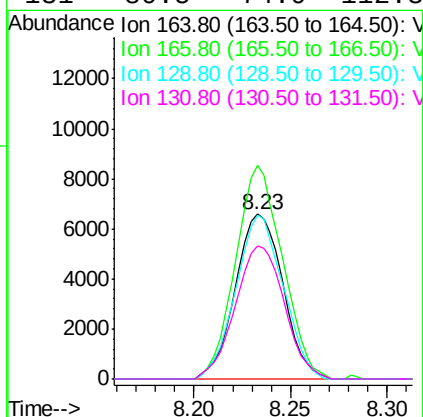
Manual Integrations
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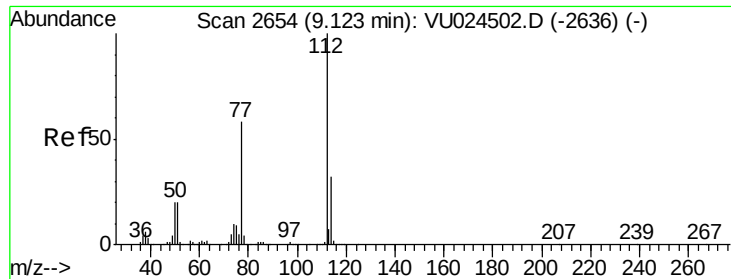
sam
7/6/2018 4:21:52 PM



#64
Tetrachloroethene
Concen: 3.286 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025220.D
Acq: 05 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	11181		
166	129.6	101.7	152.5	
129	99.4	76.9	115.3	
131	80.5	74.9	112.3	





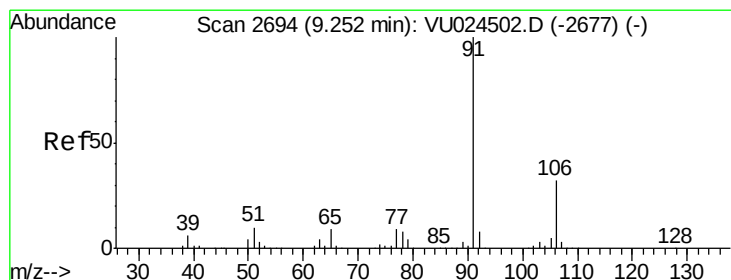
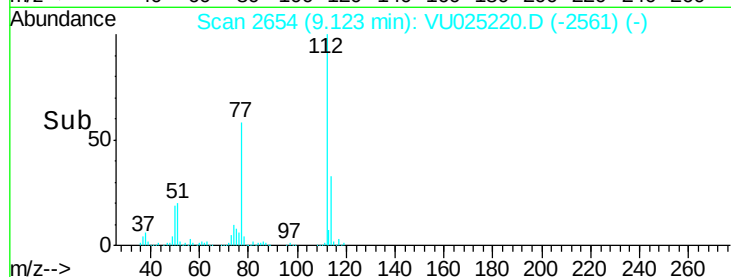
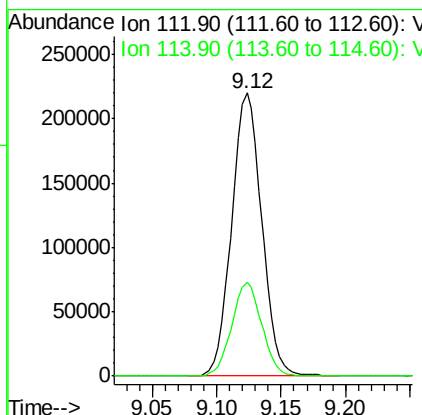
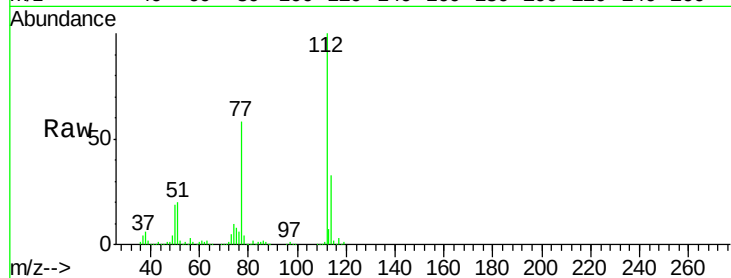
#65
Chlorobenzene
Concen: 39.064 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025220.D
Acq: 05 Jul 2018 17:03

Instrument :
MSVOA_U
ClientSampleId :
WP021IW465-180628

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.6	38.4

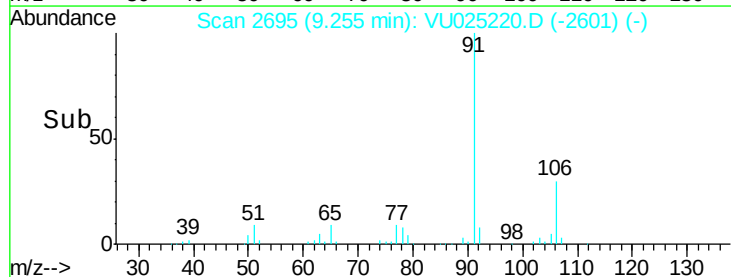
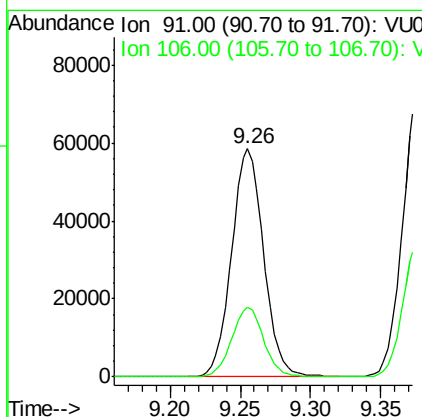
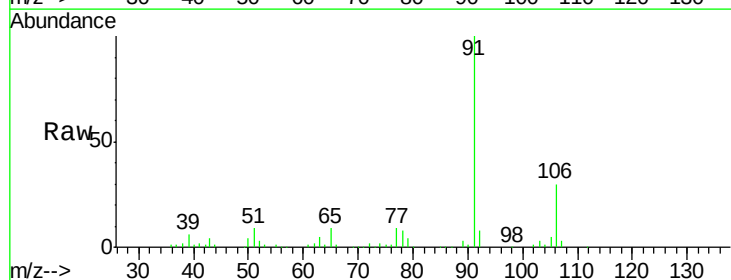
Manual Integrations
APPROVED

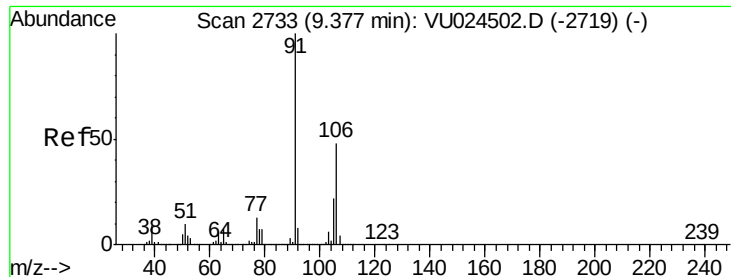
sam
7/6/2018 4:21:52 PM



#67
Ethyl Benzene
Concen: 5.827 ug/l
RT: 9.26 min Scan# 2695
Delta R.T. 0.00 min
Lab File: VU025220.D
Acq: 05 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.2	36.4





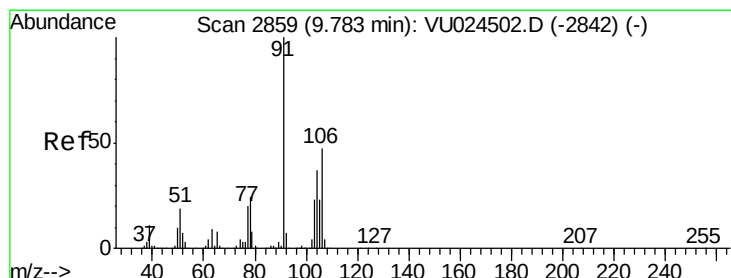
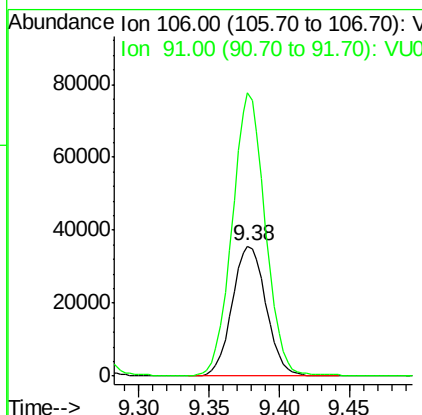
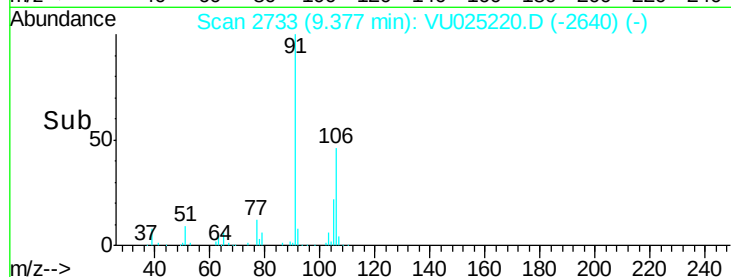
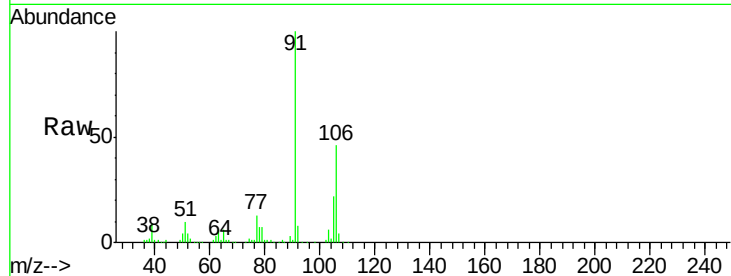
#68
m/p-Xylenes
Concen: 9.833 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025220.D
Acq: 05 Jul 2018 17:03

Instrument :
MSVOA_U
ClientSampleId :
WP021IW465-180628

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	209.7	166.5	249.7	

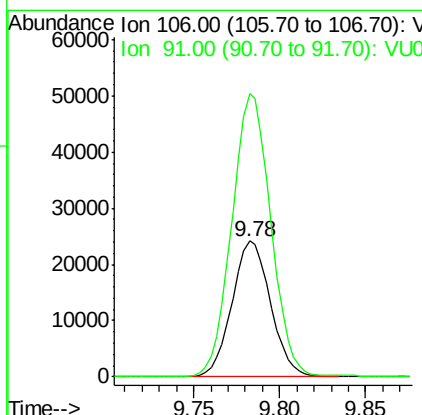
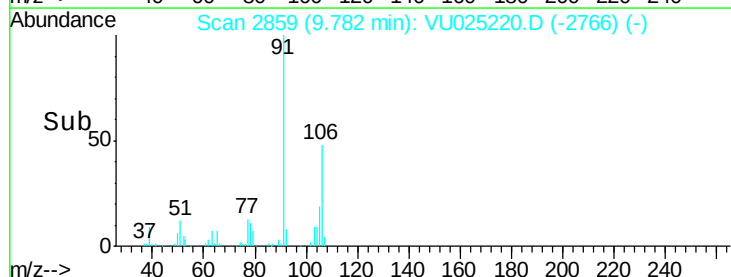
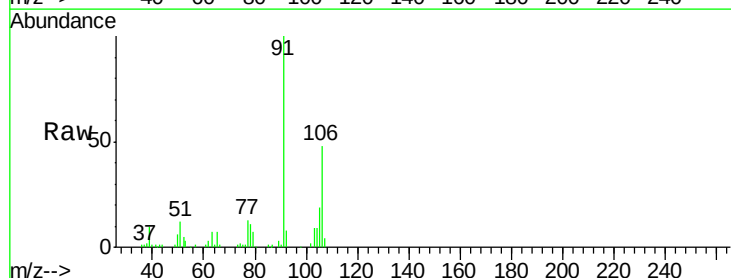
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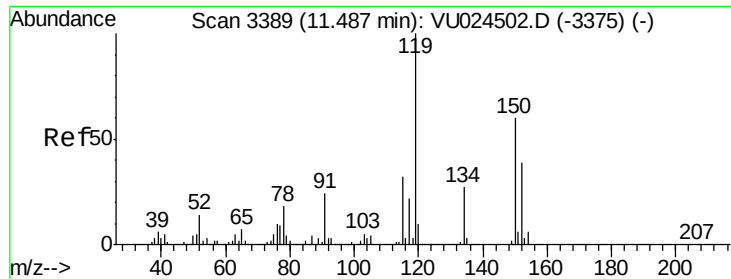
sam
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#69
o-Xylene
Concen: 6.183 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025220.D
Acq: 05 Jul 2018 17:03

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	211.3	110.7	331.9	





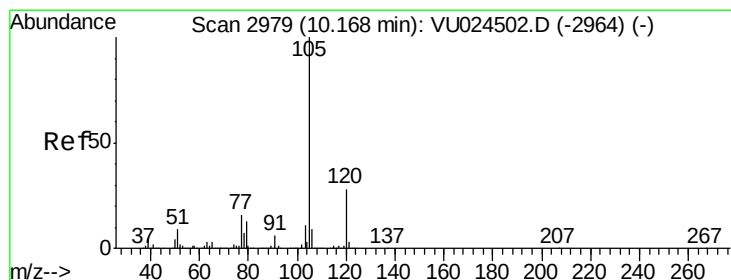
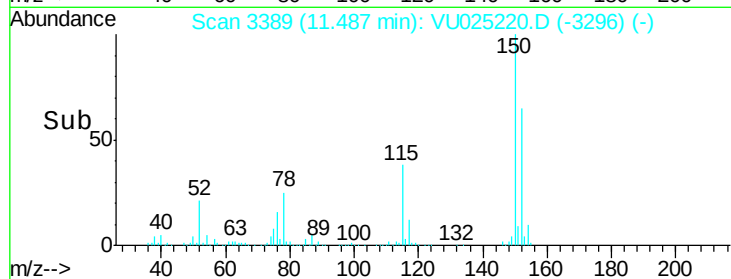
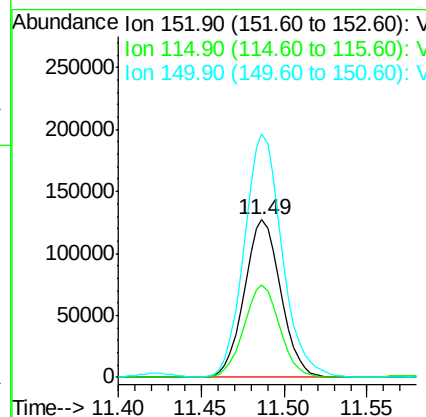
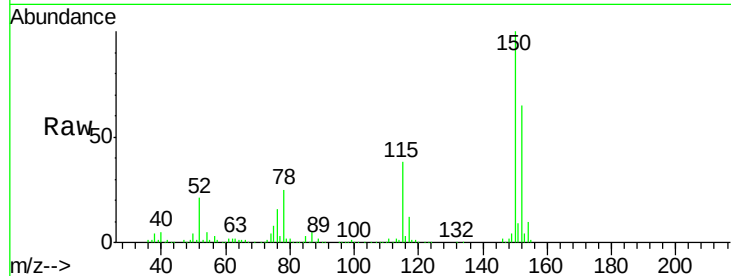
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.49 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VU025220.D
 Acq: 05 Jul 2018 17:03

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW465-180628

Tot Ion	Ratio	Resp	Lower	Upper
152	100	193758		
115	57.6	43.0	129.0	
150	160.7	0.0	354.0	

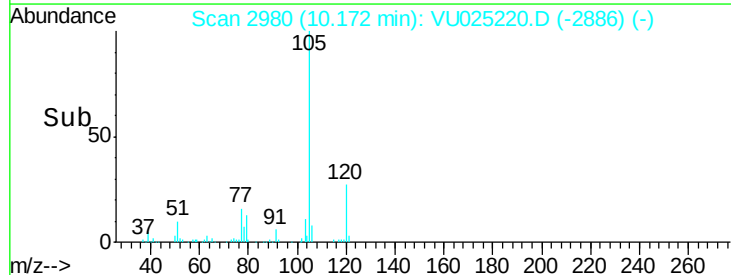
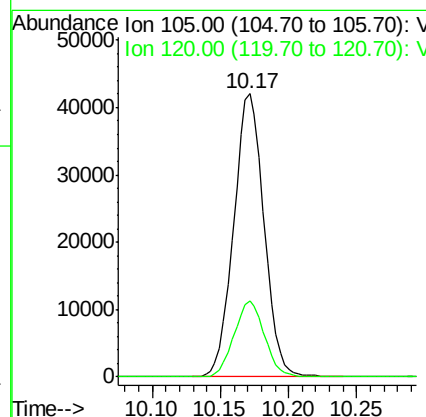
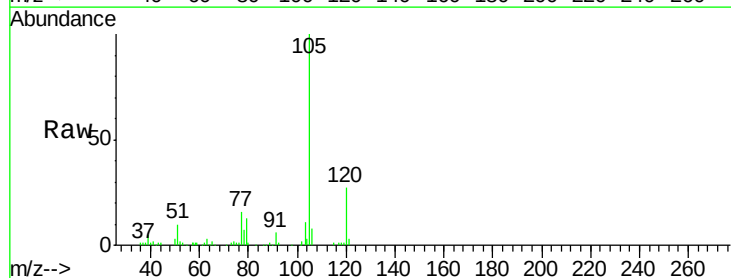
Manual Integrations
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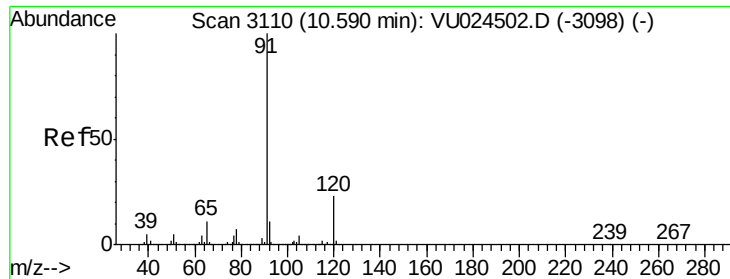
sam
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#73
 Isopropylbenzene
 Concen: 4.358 ug/l
 RT: 10.17 min Scan# 2980
 Delta R.T. 0.00 min
 Lab File: VU025220.D
 Acq: 05 Jul 2018 17:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	64836		
120	26.7	13.2	39.6	





#78

n-propylbenzene

Concen: 1.114 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

ClientSampleId :

WP021IW465-180628

Tot Ion: 91 Resp: 19530

Ion Ratio Lower Upper

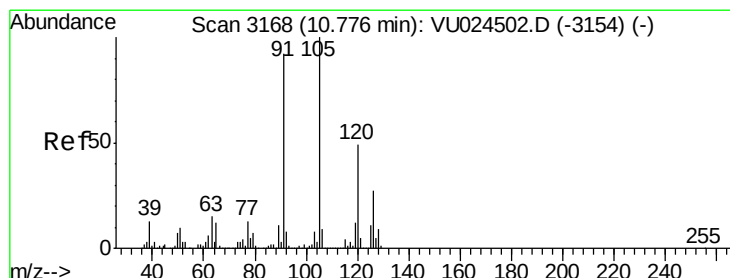
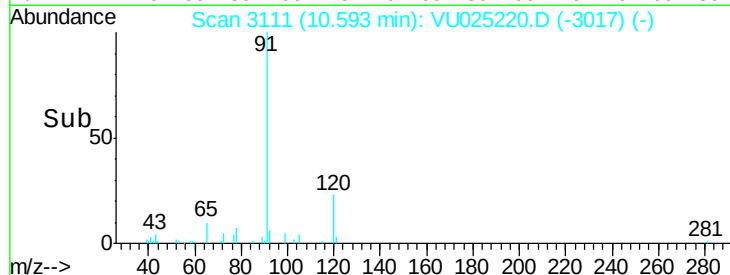
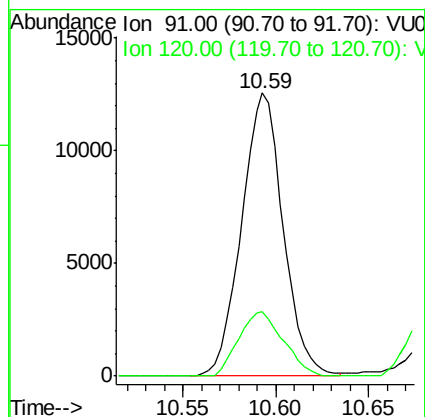
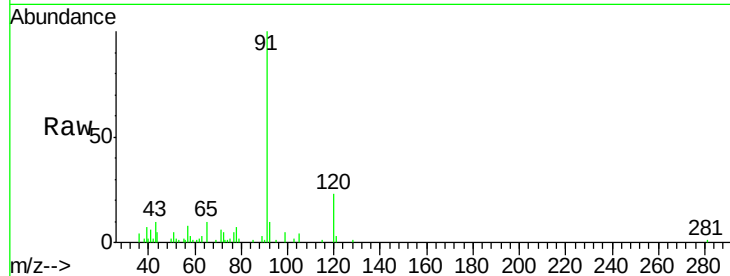
91 100

120 24.2 11.2 33.5

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#80

1,3,5-Trimethylbenzene

Concen: 1.615 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025220.D

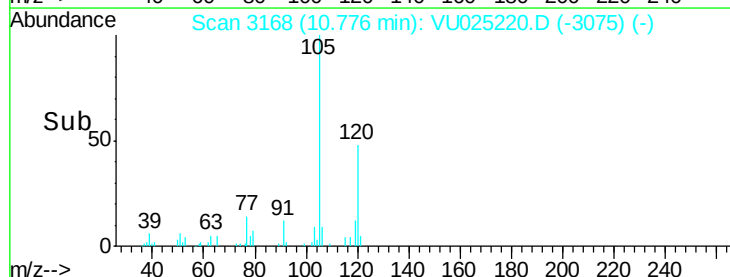
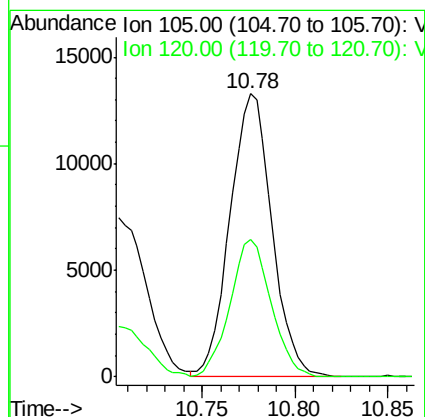
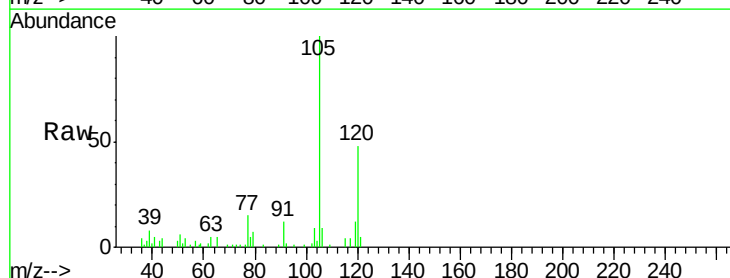
Acq: 05 Jul 2018 17:03

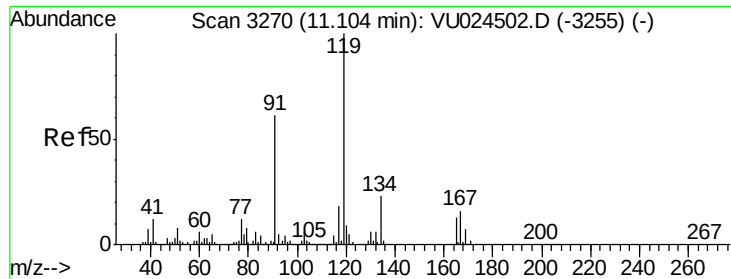
Tgt Ion: 105 Resp: 20823

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.2





#83

tert-Butylbenzene

Concen: 2.400 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

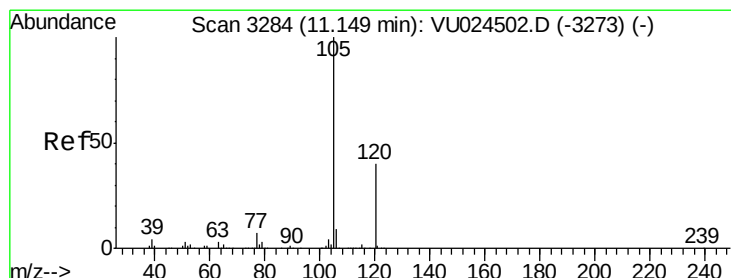
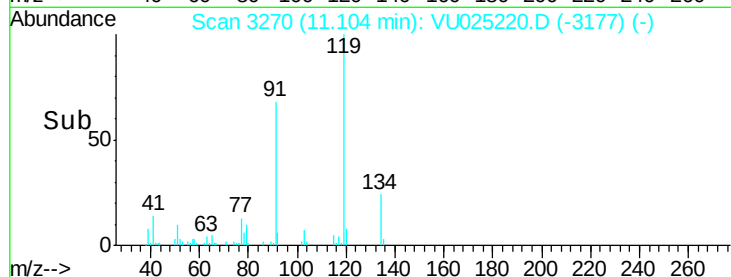
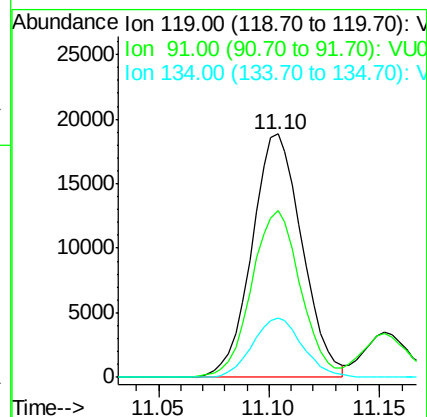
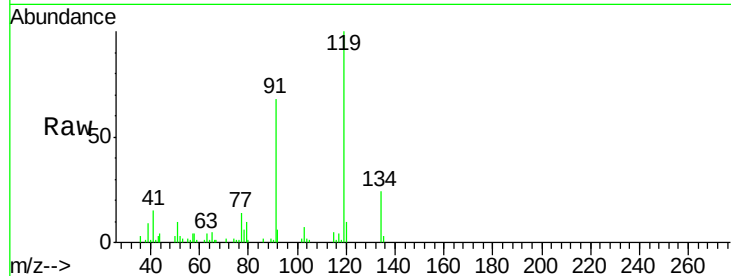
ClientSampleId :

WP021IW465-180628

Tot Ion:	119	Resp:	29767
Ion Ratio	Lower	Upper	
119	100		
91	67.2	29.7	89.1
134	24.2	11.6	34.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 3.549 ug/l

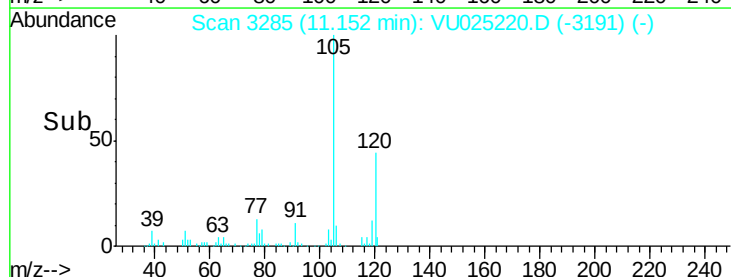
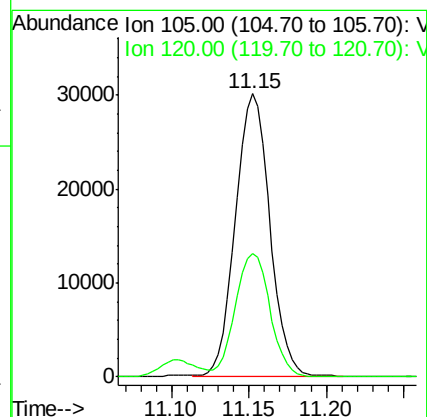
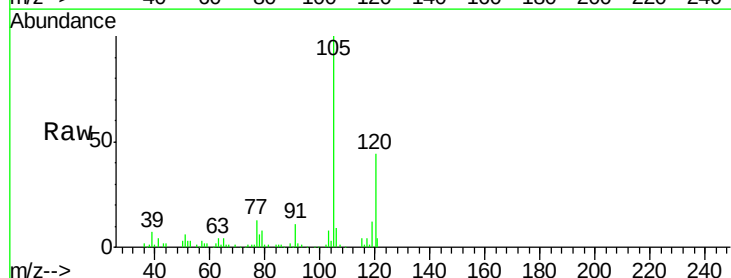
RT: 11.15 min Scan# 3285

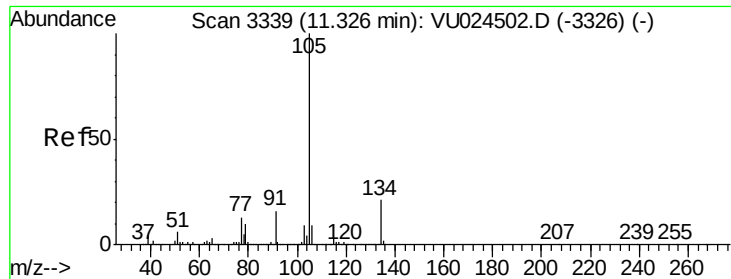
Delta R.T. 0.00 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Tgt Ion:	105	Resp:	46634
Ion Ratio	Lower	Upper	
105	100		
120	44.0	22.6	67.8





#85

sec-Butylbenzene

Concen: 2.226 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

ClientSampleId :

WP021IW465-180628

Tot Ion:105 Resp: 34561

Ion Ratio Lower Upper

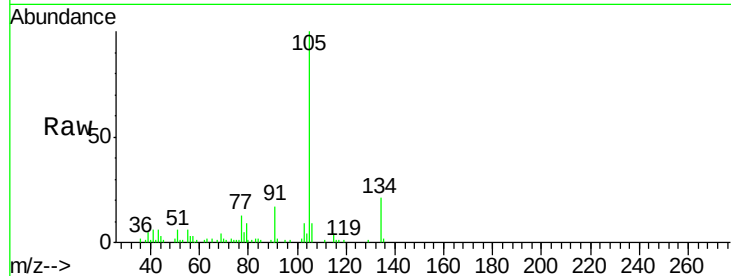
105 100

134 19.5 9.7 29.1

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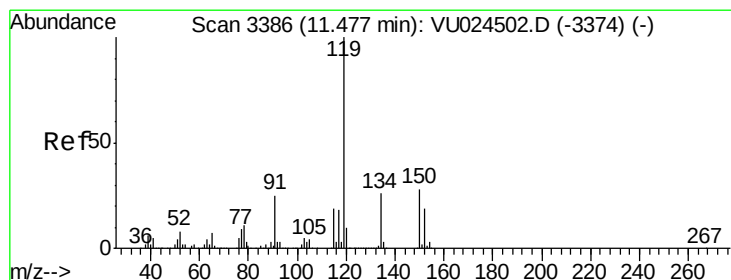
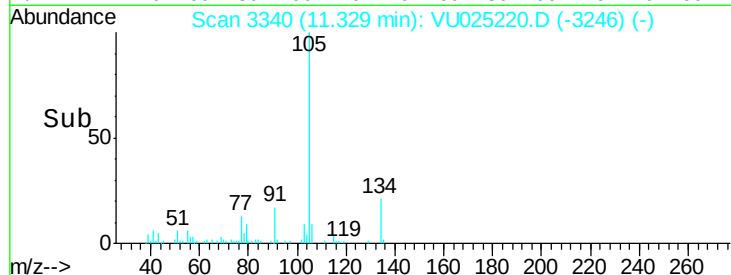
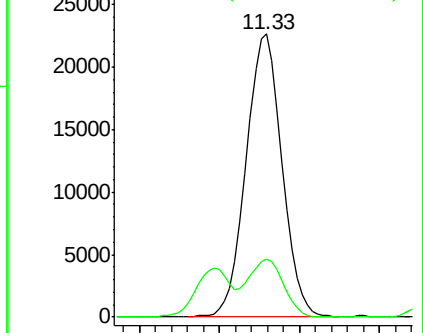
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.206 ug/l m

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

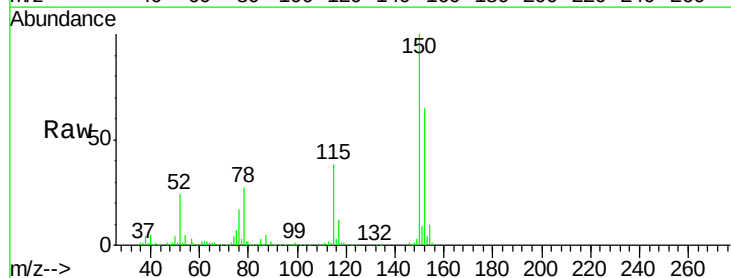
Tgt Ion:119 Resp: 2868

Ion Ratio Lower Upper

119 100

134 51.3 12.9 38.6#

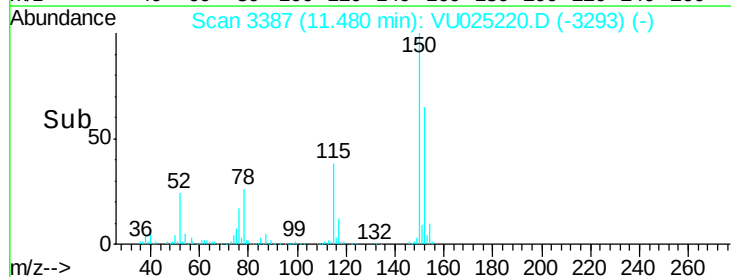
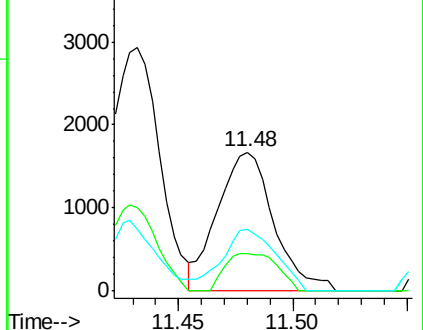
91 46.8 12.0 36.1#

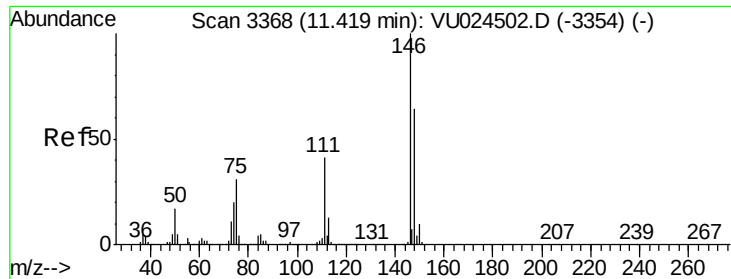


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VU0





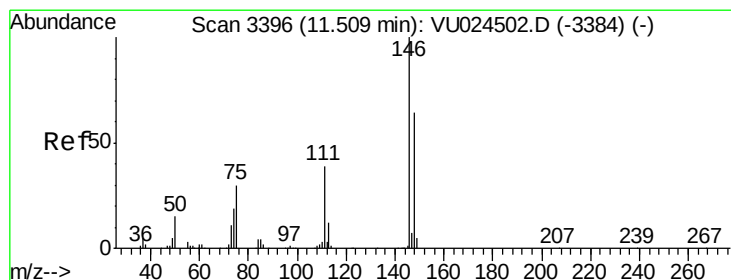
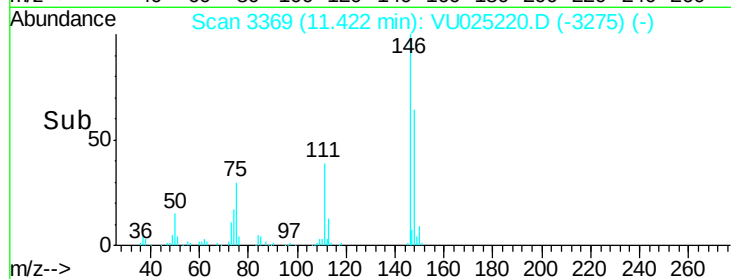
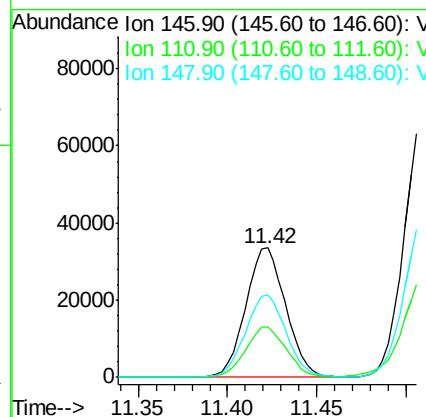
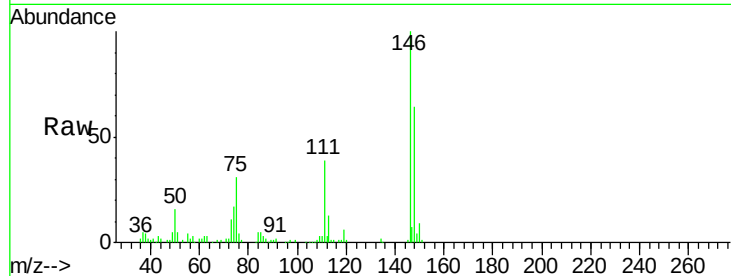
#87
 1,3-Dichlorobenzene
 Concen: 7.581 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025220.D
 Acq: 05 Jul 2018 17:03

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021IW465-180628

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.0	60.0
148	64.6	32.1	96.5

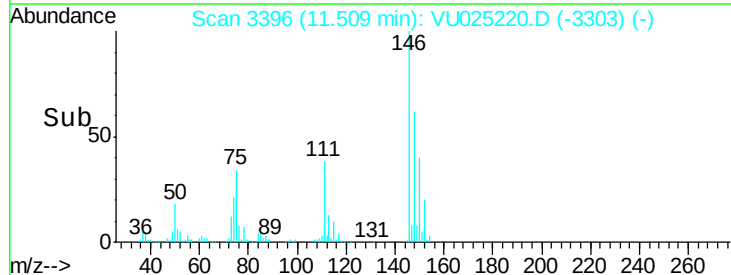
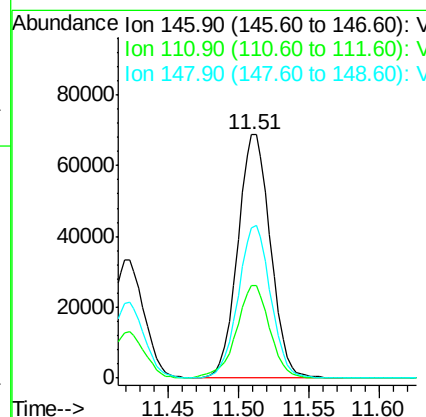
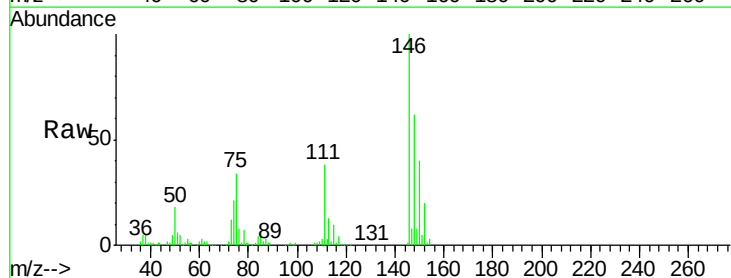
Manual Integrations
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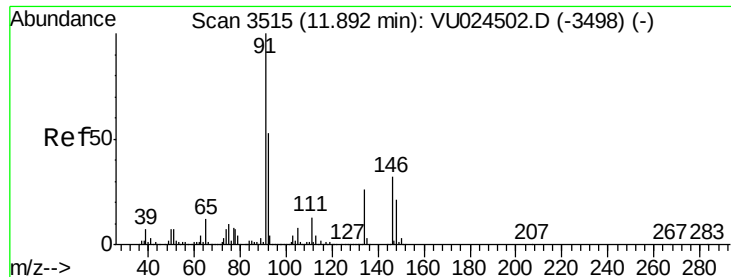
sam
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#88
 1,4-Dichlorobenzene
 Concen: 15.952 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU025220.D
 Acq: 05 Jul 2018 17:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.5	58.5
148	62.4	32.4	97.0





#89

n-Butylbenzene

Concen: 0.381 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Instrument :

MSVOA_U

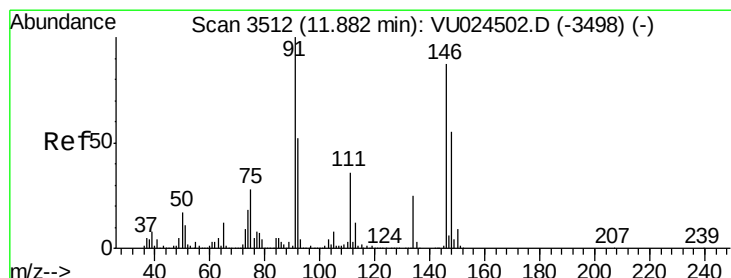
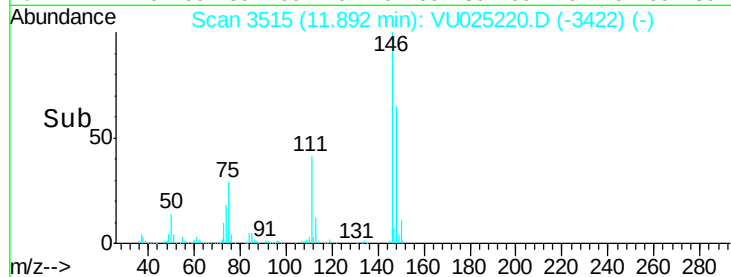
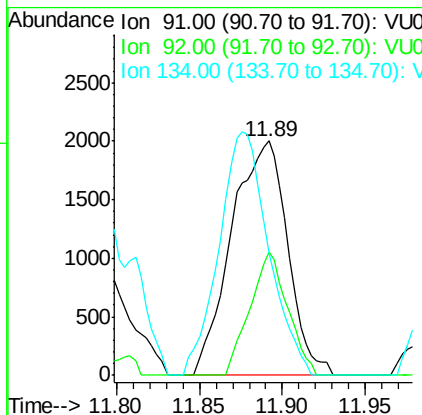
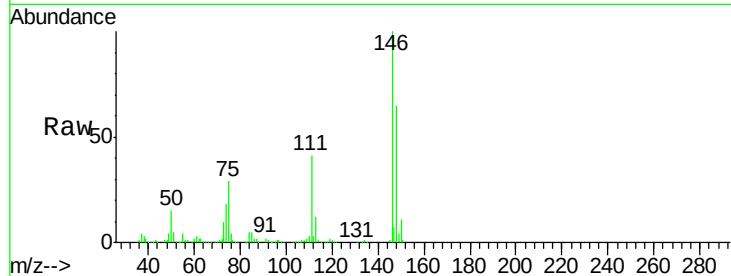
ClientSampleId :

WP021IW465-180628

Tot Ion:	91	Resp:	4706
Ion	Ratio	Lower	Upper
91	100		
92	35.4	25.6	76.8
134	91.5	12.3	36.8#

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#91

1,2-Dichlorobenzene

Concen: 43.948 ug/l

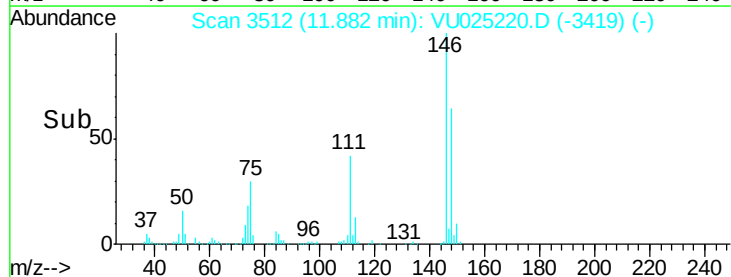
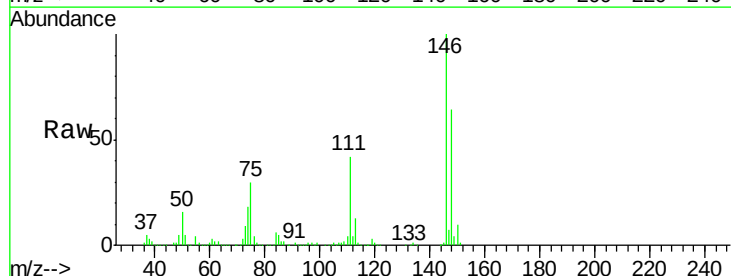
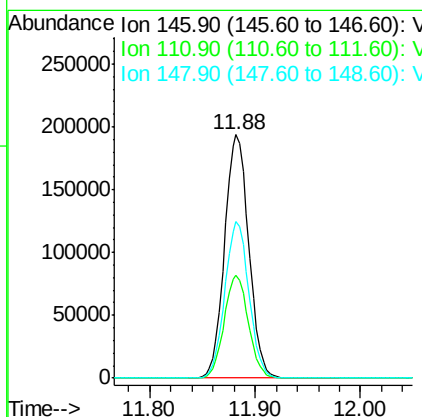
RT: 11.88 min Scan# 3512

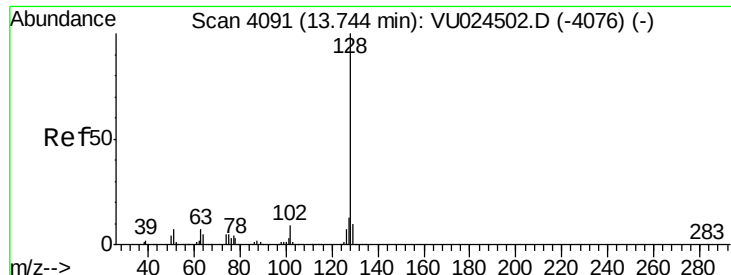
Delta R.T. -0.00 min

Lab File: VU025220.D

Acq: 05 Jul 2018 17:03

Tgt Ion:	146	Resp:	306279
Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.5	61.6
148	64.1	31.9	95.7





#95
Naphthalene
Concen: 6.880 ug/l
RT: 13.75 min Scan# 4092
Delta R.T. 0.00 min
Lab File: VU025220.D
Acq: 05 Jul 2018 17:03

Instrument :
MSVOA_U
ClientSampleId :
WP021IW465-180628

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.6	16.0
129	10.7	8.6	12.8

Manual Integrations
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