

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025213.D
 Acq On : 05 Jul 2018 14:12
 Operator : MD/SY
 Sample : J3808-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW473-180628

Manual Integrations
 APPROVED

sam
 7/6/2018 4:21:43 PM

Quant Time: Jul 06 16:30:39 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	223805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	335810	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	325120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	180367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.32	65	166447	45.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.12%	
35) Dibromofluoromethane	4.89	113	121009	43.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.84%	
50) Toluene-d8	7.57	98	493857	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
62) 4-Bromofluorobenzene	10.31	95	188851	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.40	62	5674217	1922.478	ug/l	97
11) Tert butyl alcohol	2.82	59	6652	7.486	ug/l #	94
12) 1,1-Dichloroethene	2.29	96	219428	86.106	ug/l	96
17) Carbon Disulfide	2.48	76	9068	1.111	ug/l	99
20) Methylene Chloride	2.71	84	5109	1.659	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	506619	180.501	ug/l	98
24) 1,1-Dichloroethane	3.45	63	44553	8.257	ug/l	99
27) cis-1,2-Dichloroethene	4.22	96	39769130m	12324.607	ug/l	
30) Chloroform	4.68	83	58335	10.681	ug/l	97
39) Methylcyclohexane	6.43	83	8970m	1.822	ug/l	
40) Benzene	5.40	78	230267	20.479	ug/l	100
42) 1,2-Dichloroethane	5.41	62	11242	2.625	ug/l	99
44) Trichloroethene	6.19	130	33992739m	10622.636	ug/l	
51) 4-Methyl-2-Pentanone	7.46	43	8984	1.924	ug/l	98
52) Toluene	7.64	92	174448	24.115	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	47215	16.057	ug/l	96
64) Tetrachloroethene	8.23	164	7183	2.324	ug/l	97
65) Chlorobenzene	9.12	112	192747	23.207	ug/l	97
67) Ethyl Benzene	9.26	91	40268	2.766	ug/l	99
68) m/p-Xylenes	9.38	106	7894	1.412	ug/l	92
69) o-Xylene	9.78	106	23266	4.205	ug/l	97
73) Isopropylbenzene	10.17	105	9613	0.694	ug/l	99
78) n-propylbenzene	10.59	91	7818	0.479	ug/l	96
80) 1,3,5-Trimethylbenzene	10.78	105	47797	3.982	ug/l	98
83) tert-Butylbenzene	11.10	119	11515	0.997	ug/l	86
84) 1,2,4-Trimethylbenzene	11.15	105	6276	0.513	ug/l	92
85) sec-Butylbenzene	11.33	105	11922	0.825	ug/l	97
86) p-Isopropyltoluene	11.48	119	9147	0.707	ug/l	90
87) 1,3-Dichlorobenzene	11.42	146	25252	3.899	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	54304	8.330	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	165817	25.560	ug/l	100
95) Naphthalene	13.75	128	80285	6.651	ug/l	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

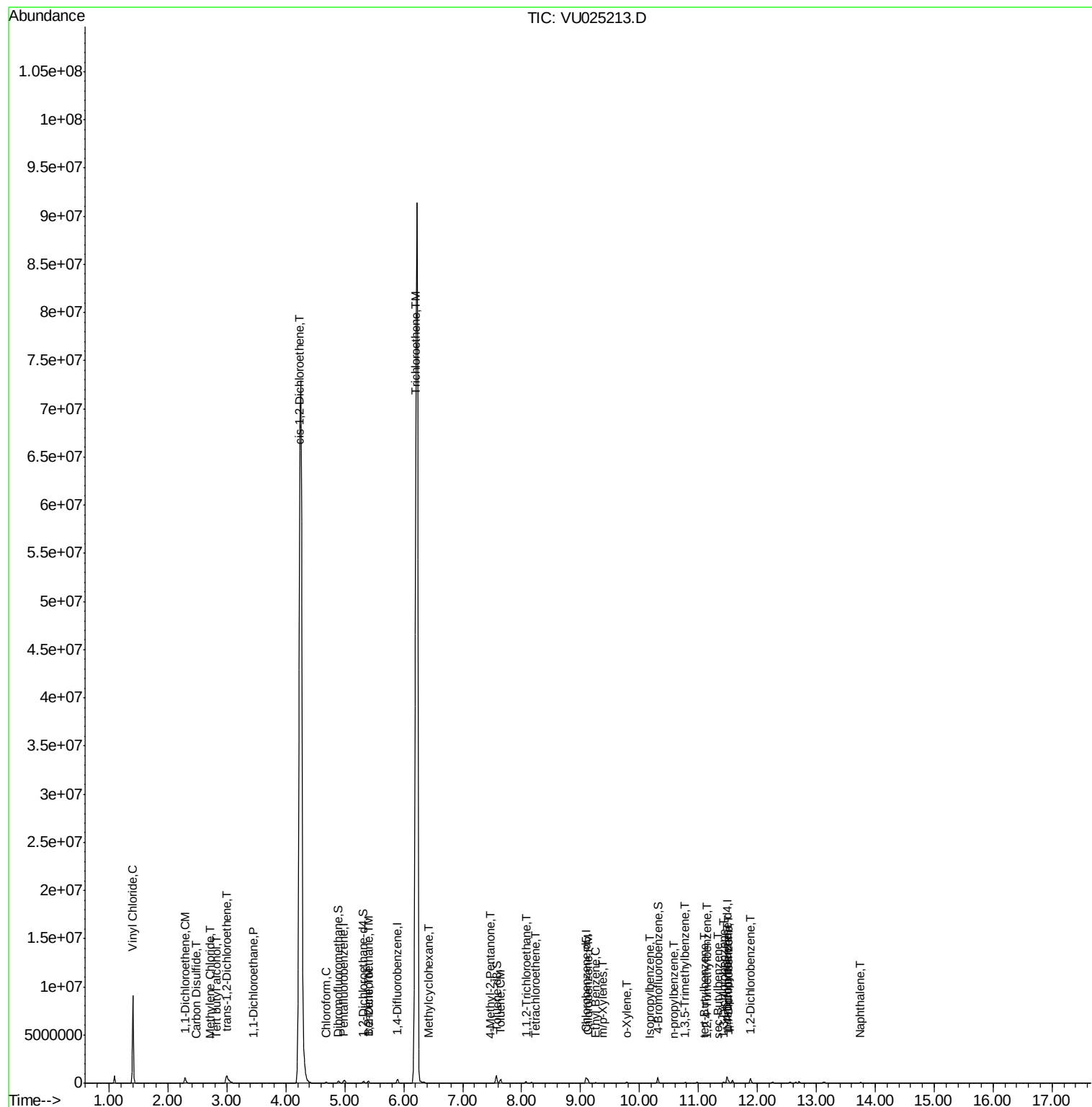
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070518\
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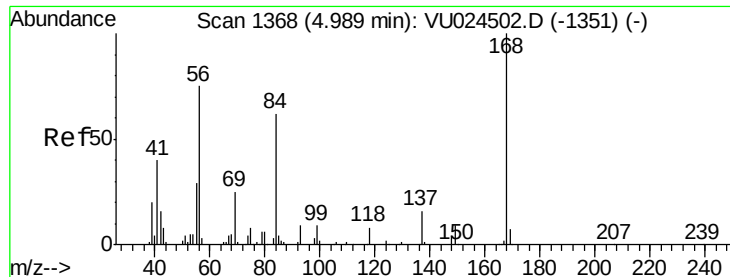
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025213.D

Acq: 05 Jul 2018 14:12

Instrument :

MSVOA_U

ClientSampleId :

WP021MW473-180628

Tot Ion:168 Resp: 223805

Ion Ratio Lower Upper

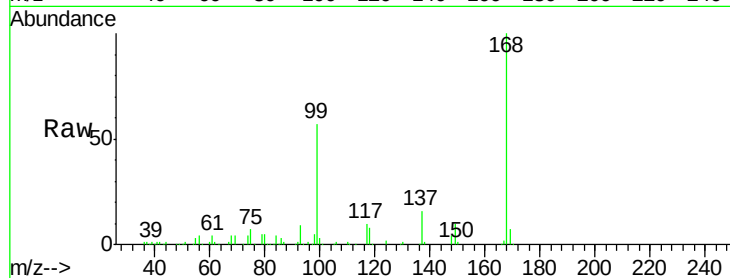
168 100

99 56.8 43.2 64.8

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0

4.99

100000

80000

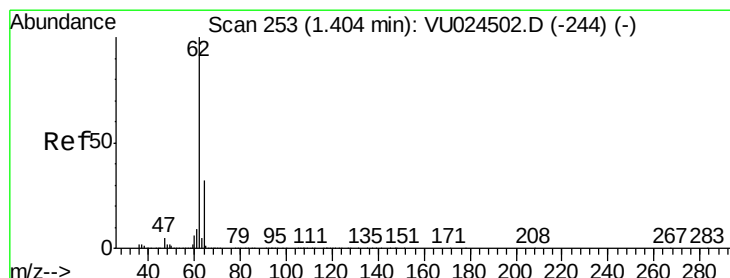
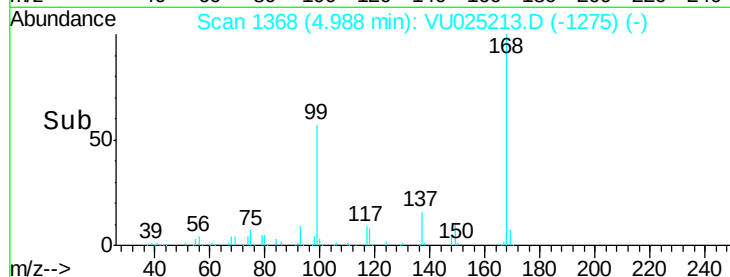
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 1922.478 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025213.D

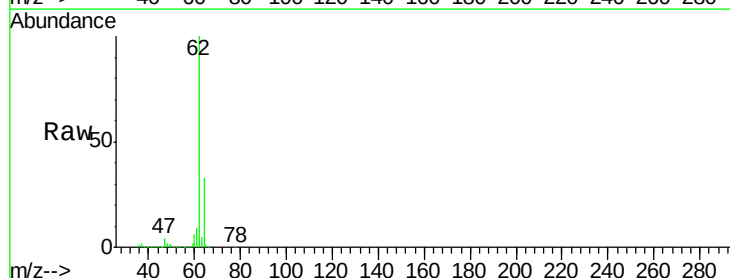
Acq: 05 Jul 2018 14:12

Tgt Ion: 62 Resp: 5674217

Ion Ratio Lower Upper

62 100

64 32.5 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0

1.40

6000000

5000000

4000000

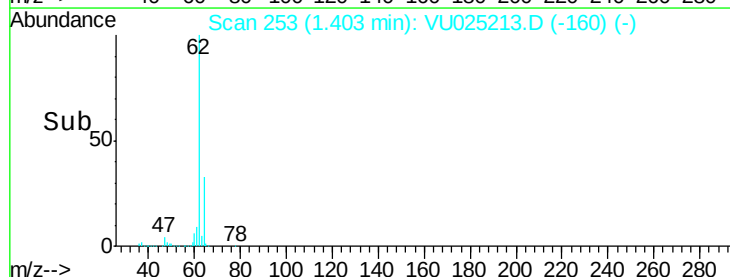
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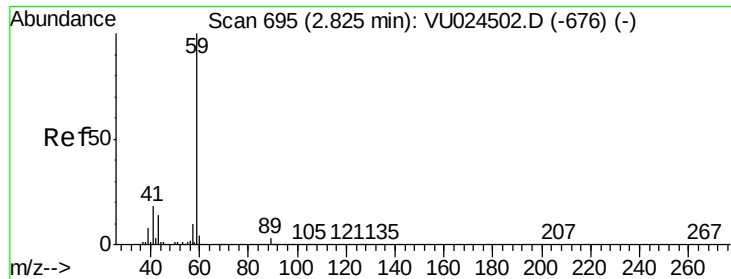
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Time-->





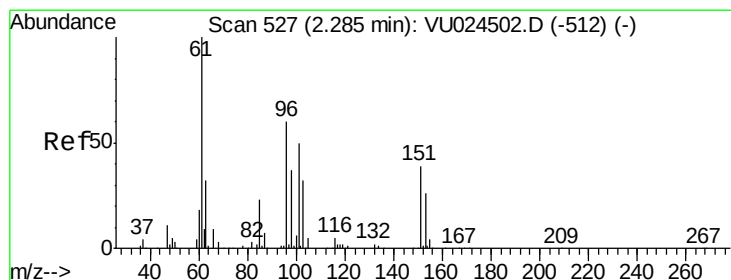
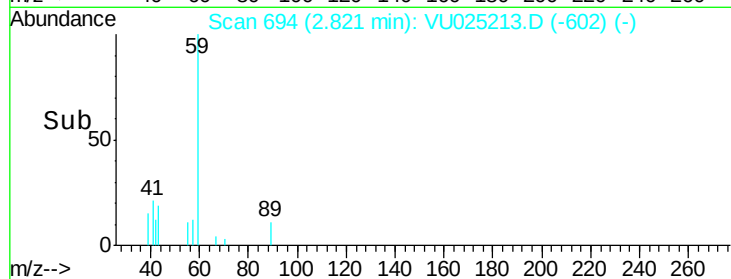
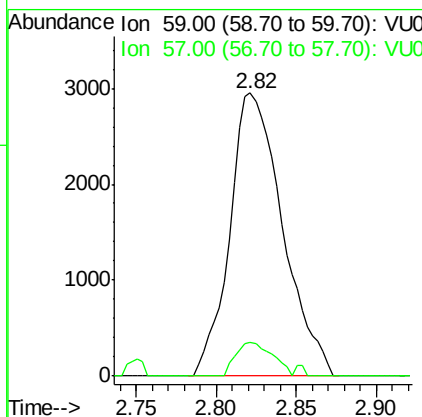
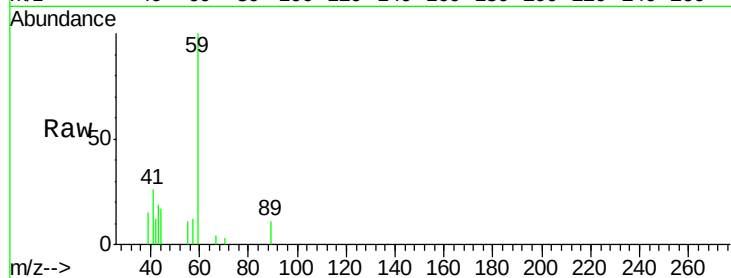
#11
Tert butyl alcohol
Concen: 7.486 ug/l
RT: 2.82 min Scan# 694
Delta R.T. -0.00 min
Lab File: VU025213.D
Acq: 05 Jul 2018 14:12

Instrument :
MSVOA_U
ClientSampleId :
WP021MW473-180628

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.5	12.7#

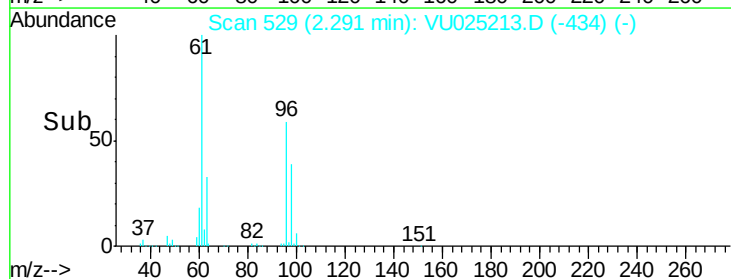
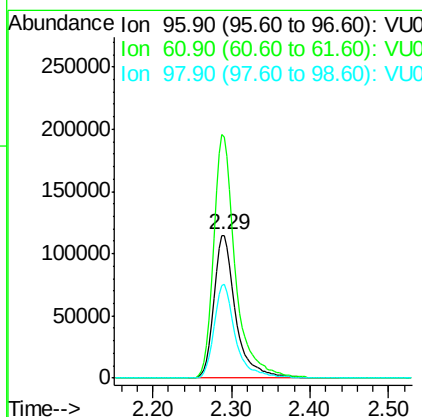
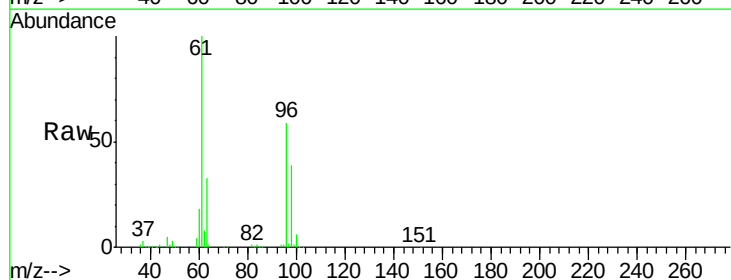
Manual Integrations
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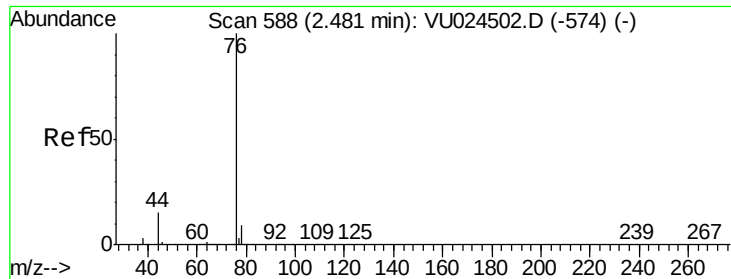
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#12
1,1-Dichloroethene
Concen: 86.106 ug/l
RT: 2.29 min Scan# 529
Delta R.T. 0.01 min
Lab File: VU025213.D
Acq: 05 Jul 2018 14:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.3	141.7	212.5
98	65.4	51.6	77.4





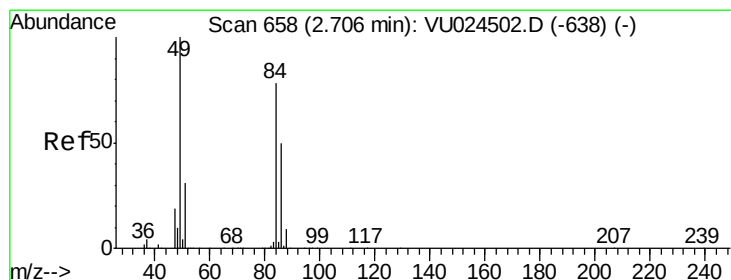
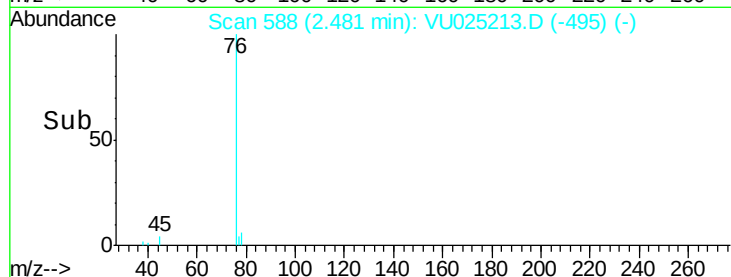
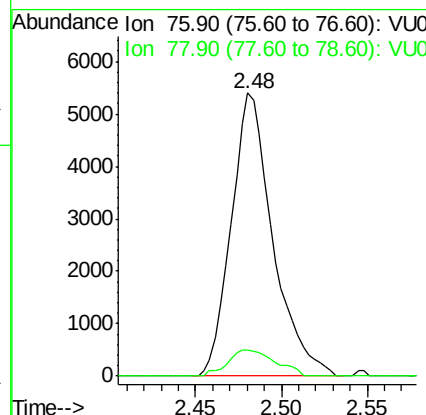
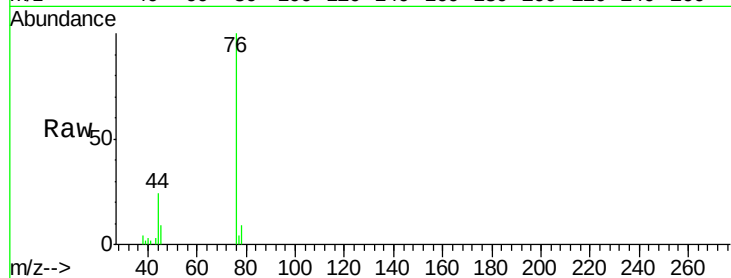
#17
Carbon Disulfide
Concen: 1.111 ug/l
RT: 2.48 min Scan# 588
Delta R.T. -0.00 min
Lab File: VU025213.D
Acq: 05 Jul 2018 14:12

Instrument :
MSVOA_U
ClientSampleId :
WP021MW473-180628

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

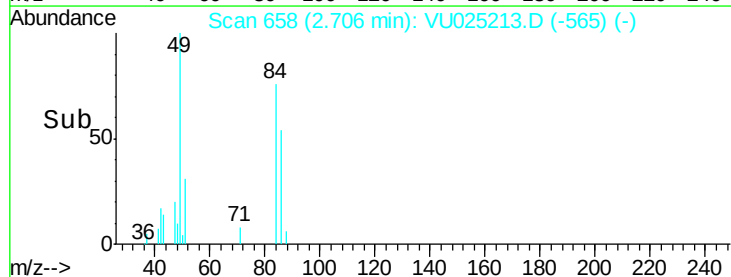
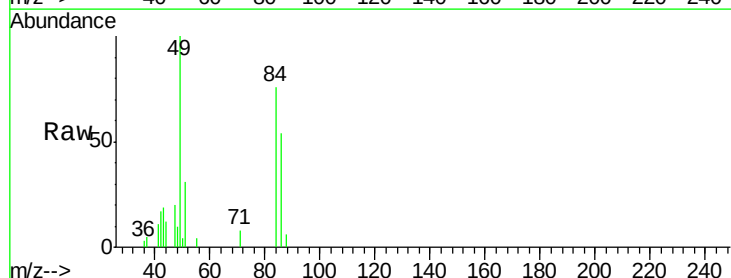
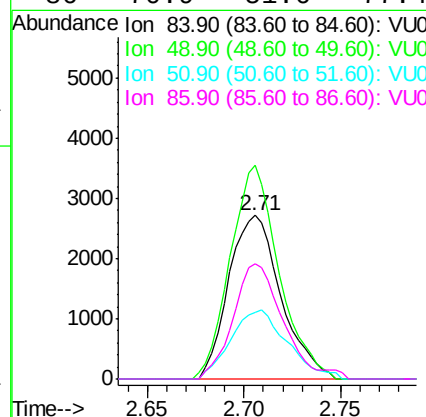
Manual Integrations
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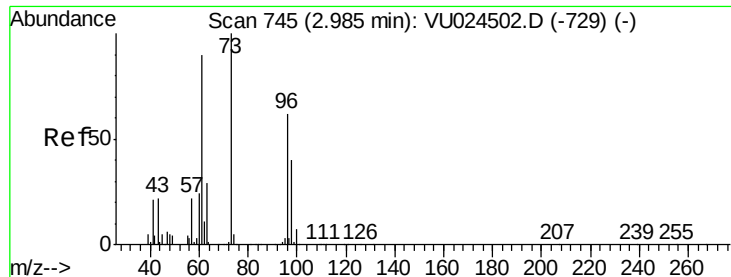
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#20
Methylene Chloride
Concen: 1.659 ug/l
RT: 2.71 min Scan# 658
Delta R.T. -0.00 min
Lab File: VU025213.D
Acq: 05 Jul 2018 14:12

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.8	103.8	155.8
51	40.9	32.0	48.0
86	70.9	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 180.501 ug/l

RT: 2.99 min Scan# 748

Delta R.T. 0.01 min

Lab File: VU025213.D

Acq: 05 Jul 2018 14:12

Instrument :

MSVOA_U

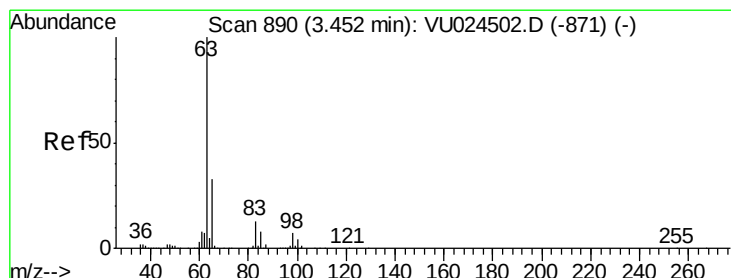
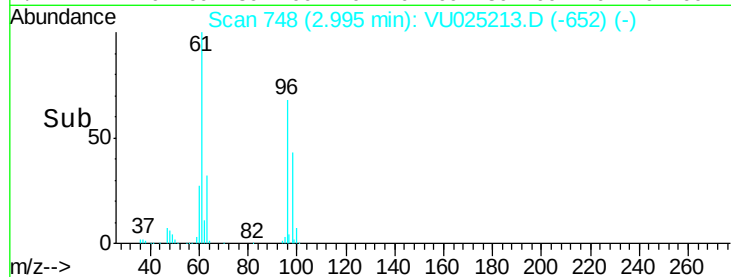
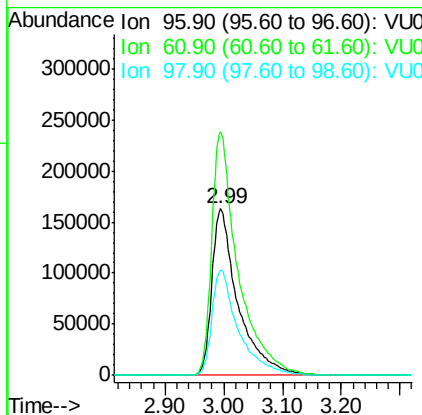
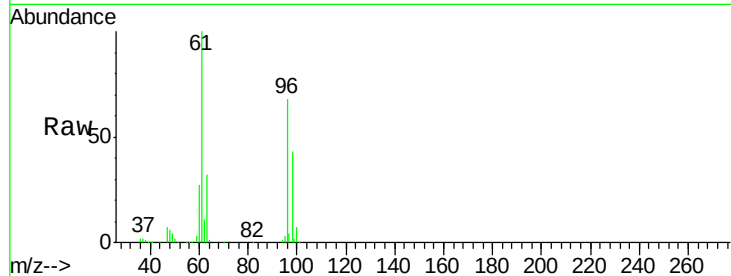
ClientSampleId :

WP021MW473-180628

Tot Ion:	96	Resp:	506619
Ion	Ratio	Lower	Upper
96	100		
61	146.4	119.4	179.0
98	63.7	51.1	76.7

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 8.257 ug/l

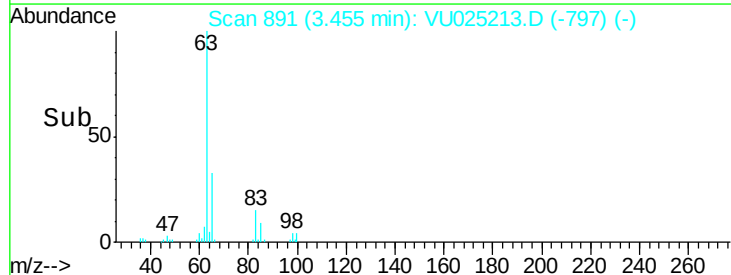
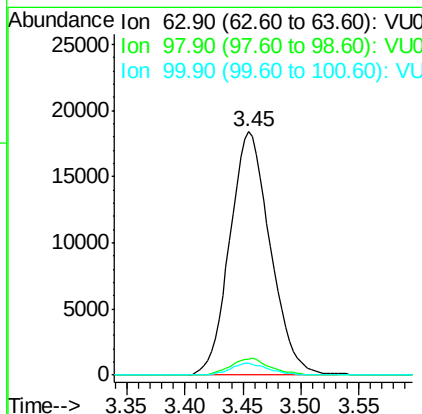
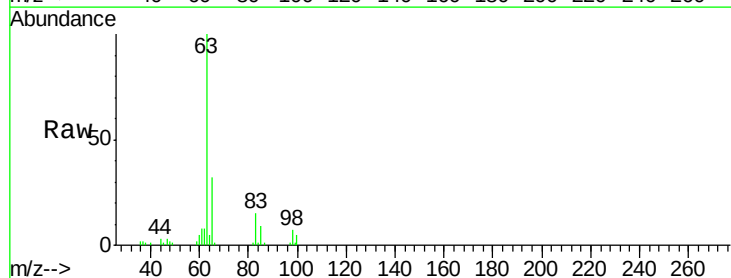
RT: 3.45 min Scan# 891

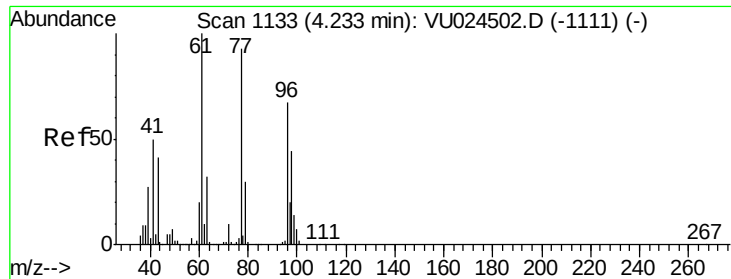
Delta R.T. 0.00 min

Lab File: VU025213.D

Acq: 05 Jul 2018 14:12

Tgt Ion:	63	Resp:	44553
Ion	Ratio	Lower	Upper
63	100		
98	6.7	3.5	10.4
100	4.7	1.8	5.5





#27
 cis-1,2-Dichloroethene
 Concen: 12324.607 ug/l m
 RT: 4.22 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

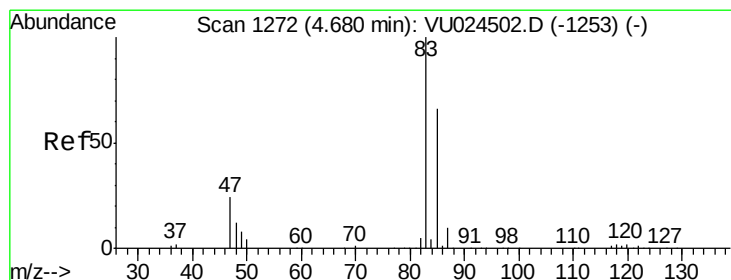
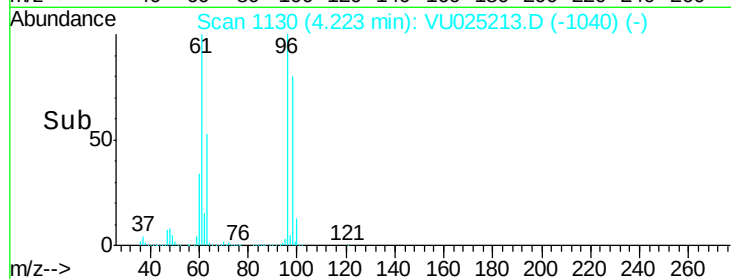
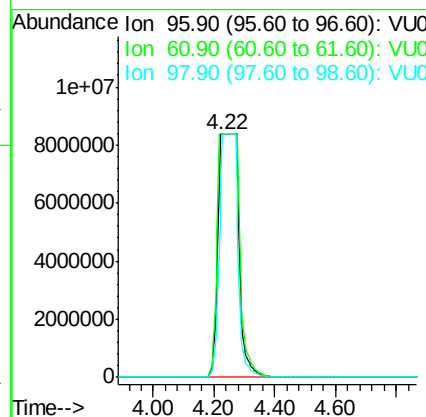
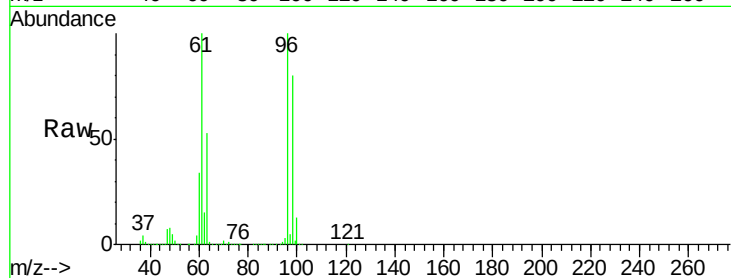
Instrument :
 MSVOA_U
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 WP021MW473-180628

Tot Ion: 96 Resp: 39769130

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	306.6
98	0.0	0.0	128.8

Manual Integrations
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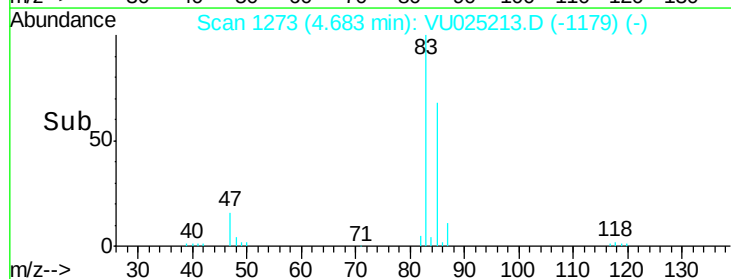
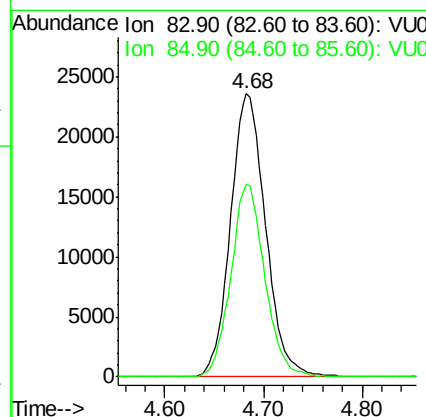
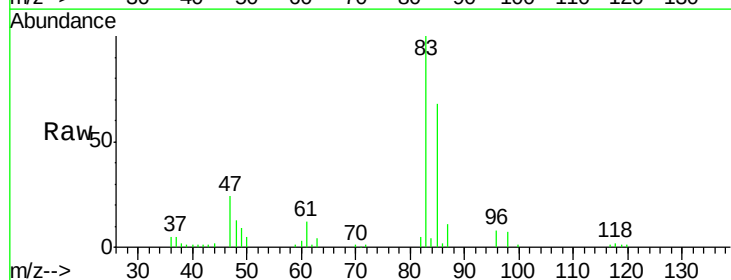
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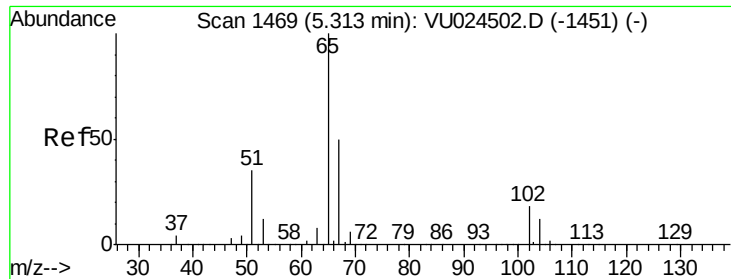


#30
 Chloroform
 Concen: 10.681 ug/l
 RT: 4.68 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

Tgt Ion: 83 Resp: 58335

Ion	Ratio	Lower	Upper
83	100		
85	67.9	52.4	78.6





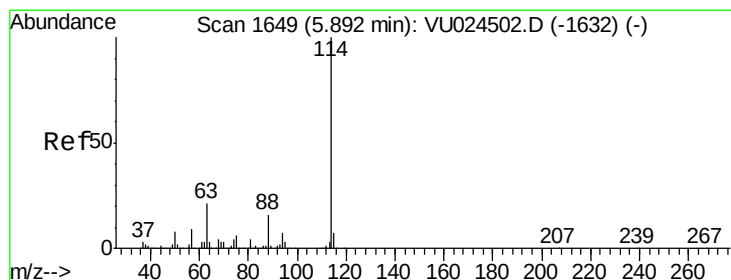
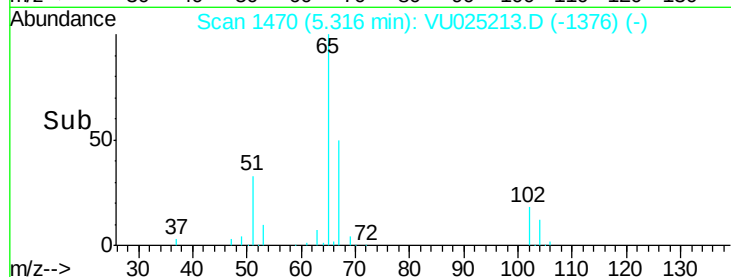
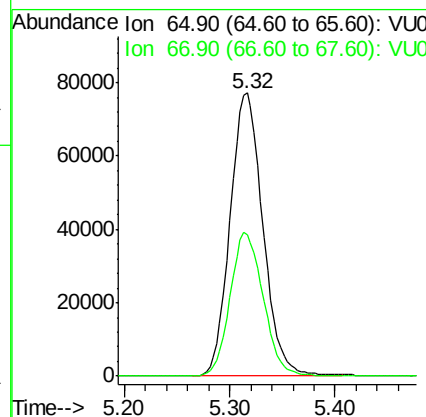
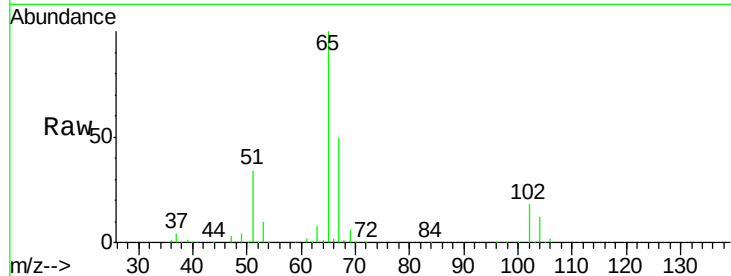
#33
 1,2-Dichloroethane-d4
 Concen: 45.556 ug/l
 RT: 5.32 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW473-180628

Tot Ion	Ratio	Resp	Lower	Upper
65	100	166447		
67	51.1	0.0	107.0	

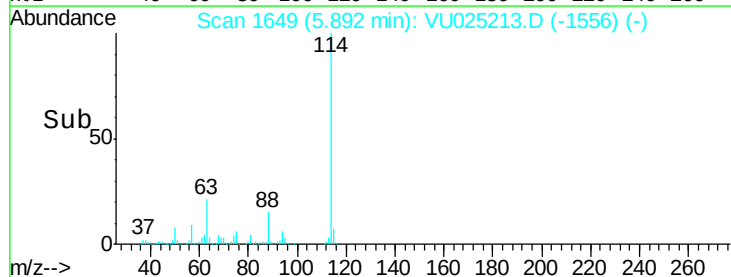
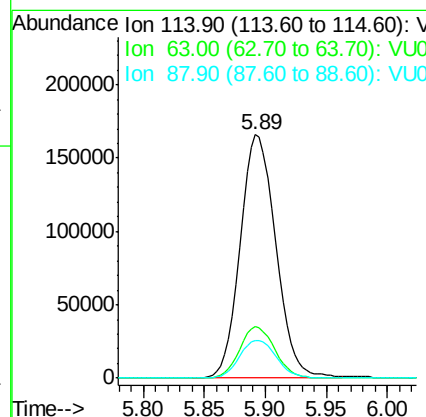
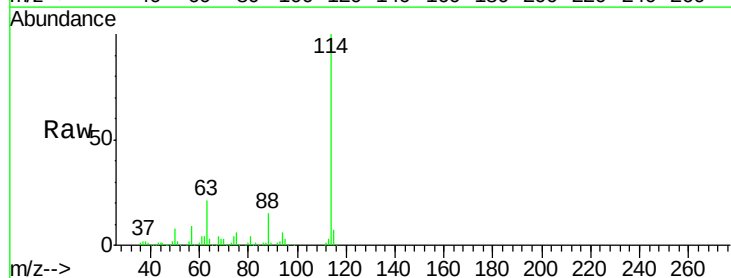
Manual Integrations
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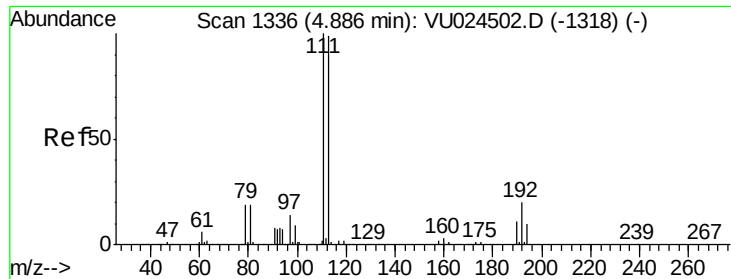
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	335810		
63	21.0	0.0	45.4	
88	15.2	0.0	31.0	





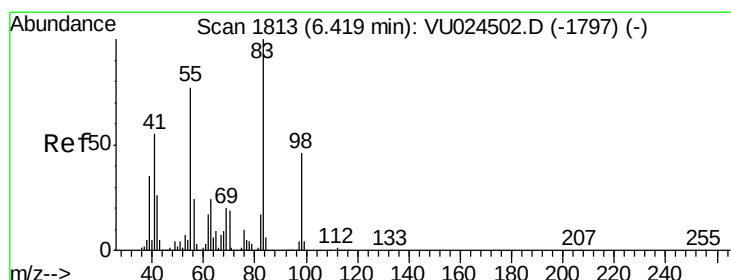
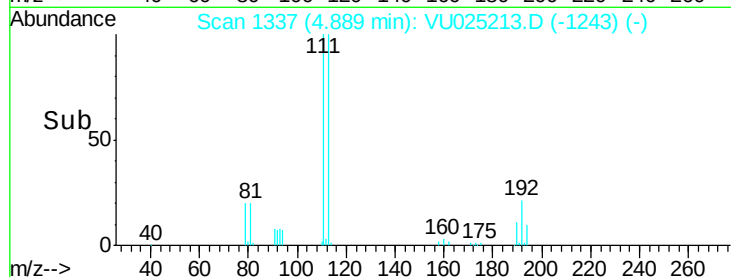
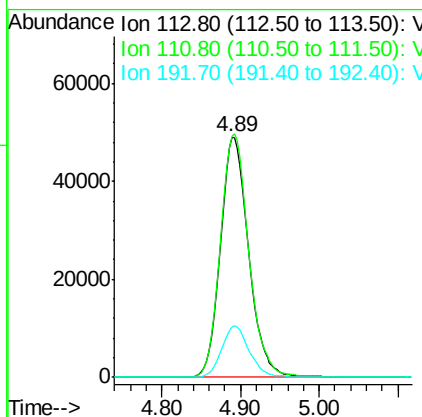
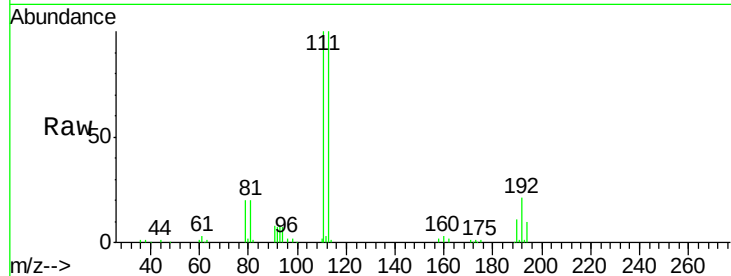
#35
Dibromofluoromethane
Concen: 43.420 ug/l
RT: 4.89 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU025213.D
Acq: 05 Jul 2018 14:12

Instrument :
MSVOA_U
ClientSampleId :
WP021MW473-180628

Tot Ion	Ratio	Resp	Lower	Upper
113	100	121009		
111	101.8	82.2	123.4	
192	21.0	16.2	24.4	

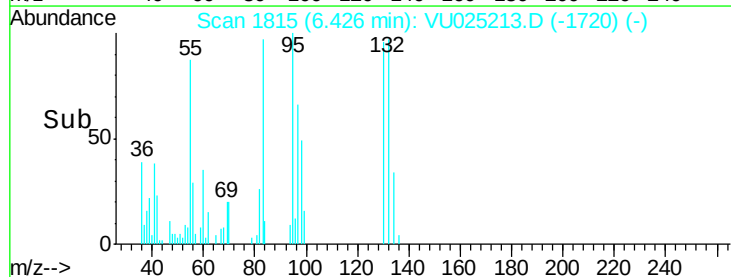
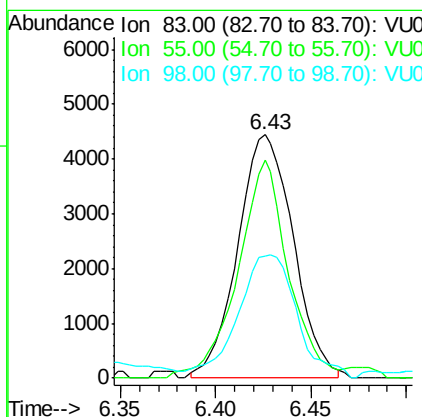
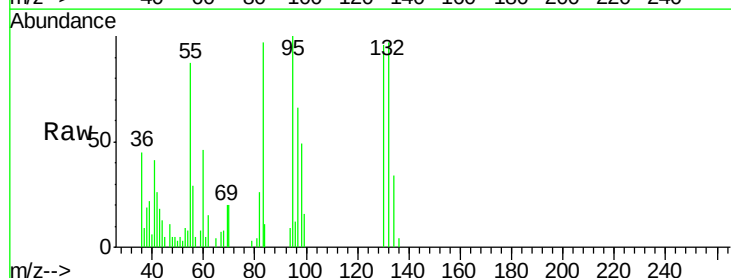
Manual Integrations
APPROVED

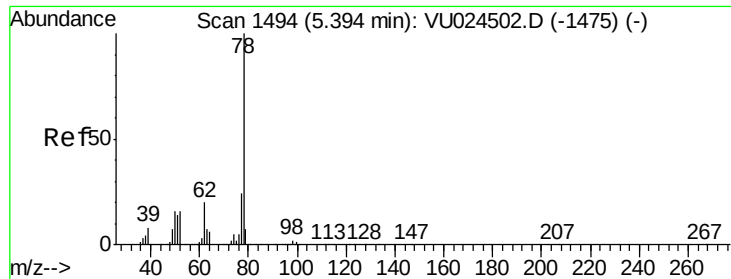
sam
7/6/2018 4:21:43 PM



#39
Methylcyclohexane
Concen: 1.822 ug/l m
RT: 6.43 min Scan# 1815
Delta R.T. 0.01 min
Lab File: VU025213.D
Acq: 05 Jul 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	8970		
55	89.7	65.8	98.6	
98	50.3	36.7	55.1	





#40

Benzene

Concen: 20.479 ug/l

RT: 5.40 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU025213.D

Acq: 05 Jul 2018 14:12

Instrument :

MSVOA_U

ClientSampleId :

WP021MW473-180628

Tot Ion: 78 Resp: 230267

Ion Ratio Lower Upper

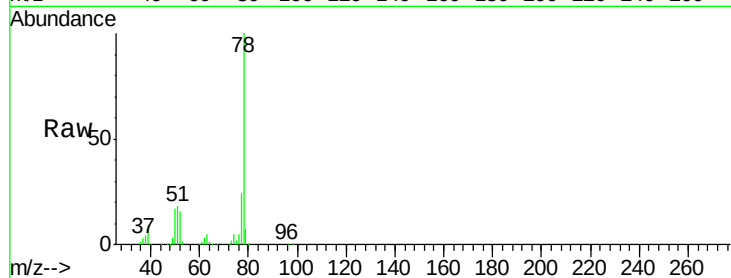
78 100

77 24.1 19.2 28.8

Manual Integrations
APPROVED

sam

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Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.40

120000

100000

80000

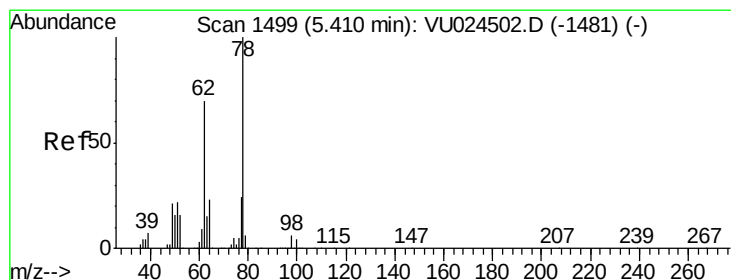
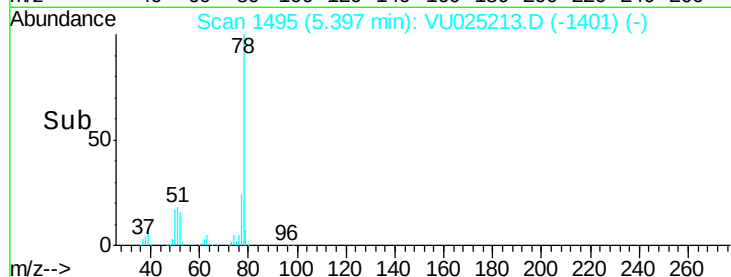
60000

40000

20000

0

Time--> 5.30 5.35 5.40 5.45 5.50



#42

1,2-Dichloroethane

Concen: 2.625 ug/l

RT: 5.41 min Scan# 1499

Delta R.T. -0.00 min

Lab File: VU025213.D

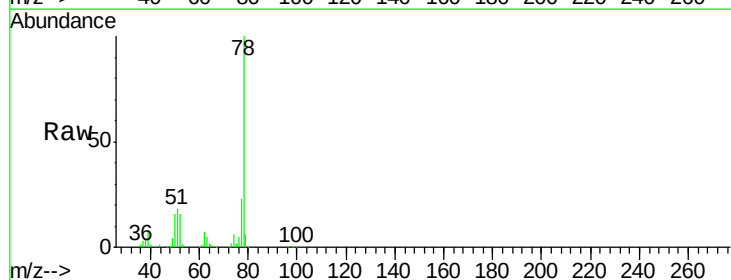
Acq: 05 Jul 2018 14:12

Tgt Ion: 62 Resp: 11242

Ion Ratio Lower Upper

62 100

98 8.0 0.0 16.6



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

5.41

5000

4000

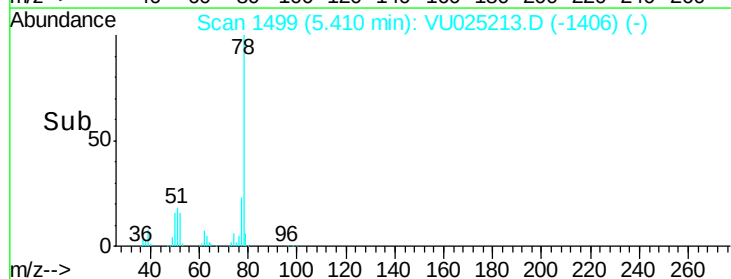
3000

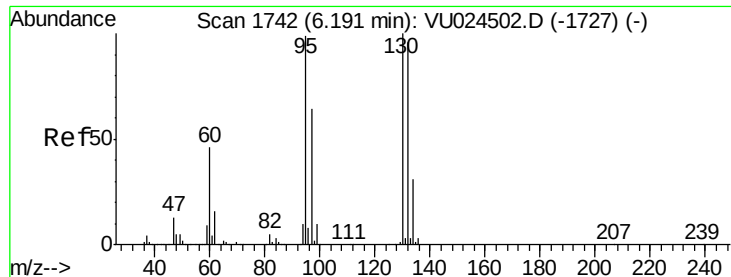
2000

1000

0

Time--> 5.35 5.40 5.45 5.50





#44

Trichloroethene

Concen: 10622.636 ug/l m

RT: 6.19 min Scan# 1743

Delta R.T. 0.00 min

Lab File: VU025213.D

Acq: 05 Jul 2018 14:12

Instrument :

MSVOA_U

ClientSampleId :

WP021MW473-180628

Tot Ion:130 Resp:33992739

Ion Ratio Lower Upper

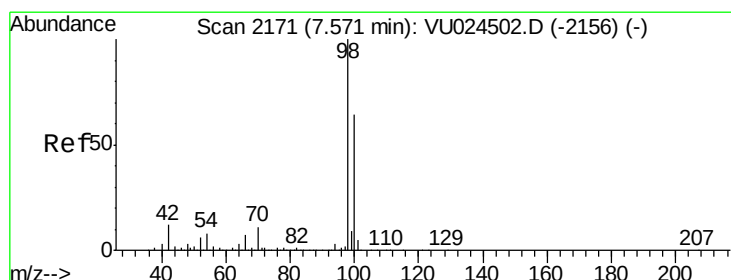
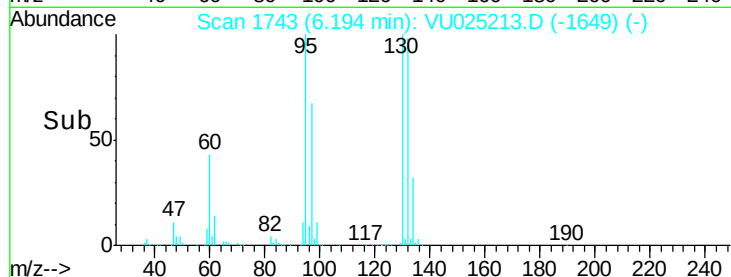
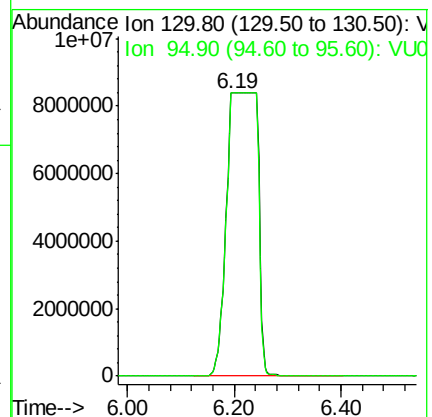
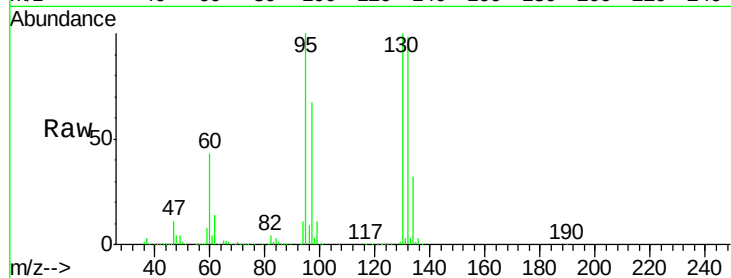
130 100

95 100.0 0.0 202.4

Manual Integrations
APPROVED

sam

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#50

Toluene-d8

Concen: 48.581 ug/l

RT: 7.57 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VU025213.D

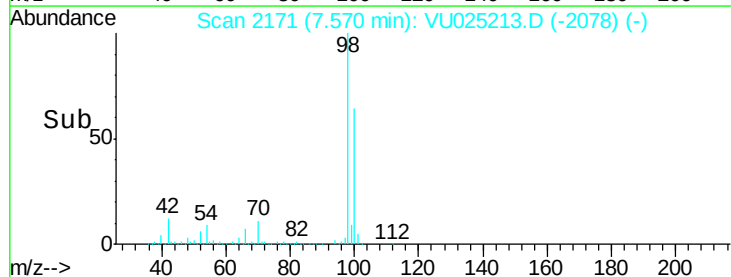
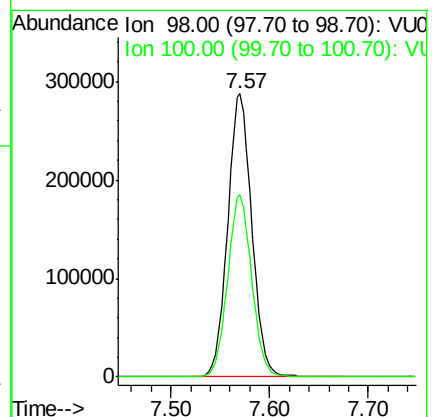
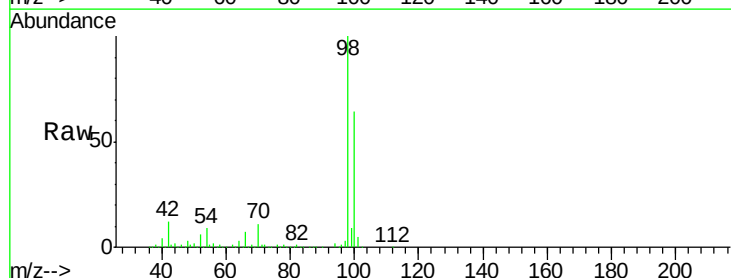
Acq: 05 Jul 2018 14:12

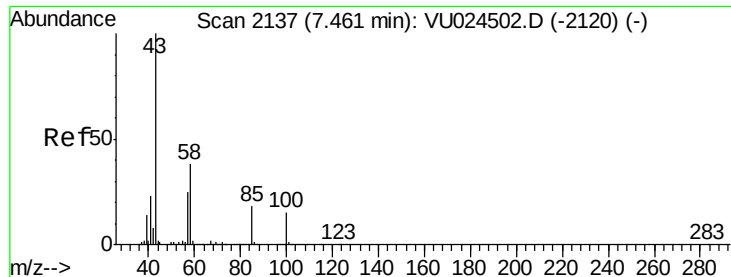
Tgt Ion: 98 Resp: 493857

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7





#51

4-Methyl-2-Pentanone

Concen: 1.924 ug/l

RT: 7.46 min Scan# 2138

Delta R.T. 0.00 min

Lab File: VU025213.D

Acq: 05 Jul 2018 14:12

Instrument :

MSVOA_U

ClientSampleId :

WP021MW473-180628

Tot Ion: 43 Resp: 8984

Ion Ratio Lower Upper

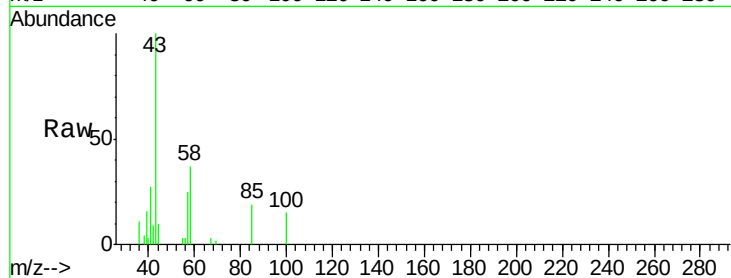
43 100

58 36.6 30.0 45.0

Manual Integrations
APPROVED

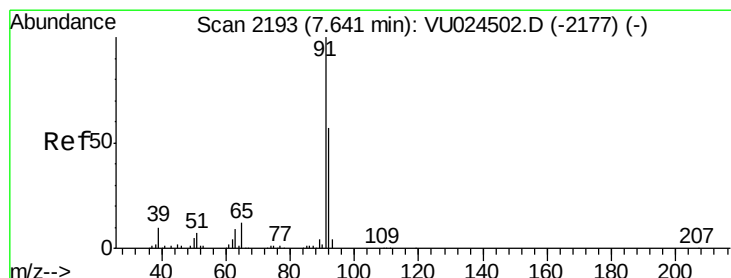
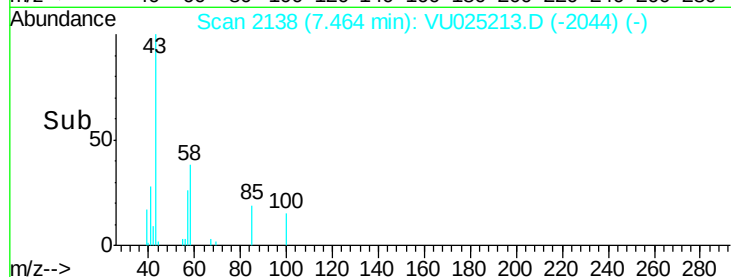
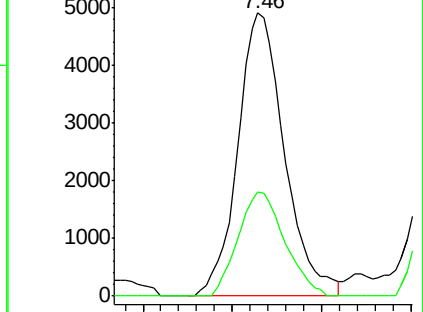
sam

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Abundance Ion 43.00 (42.70 to 43.70): VU025213.D (-2044) (-)

Ion 58.00 (57.70 to 58.70): VU025213.D (-2044) (-)



#52

Toluene

Concen: 24.115 ug/l

RT: 7.64 min Scan# 2193

Delta R.T. -0.00 min

Lab File: VU025213.D

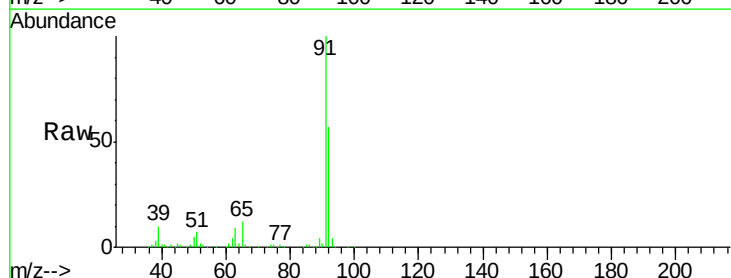
Acq: 05 Jul 2018 14:12

Tgt Ion: 92 Resp: 174448

Ion Ratio Lower Upper

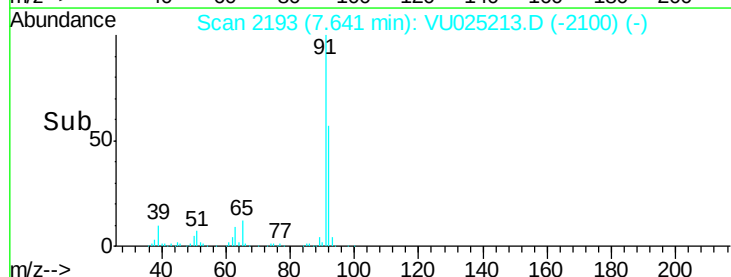
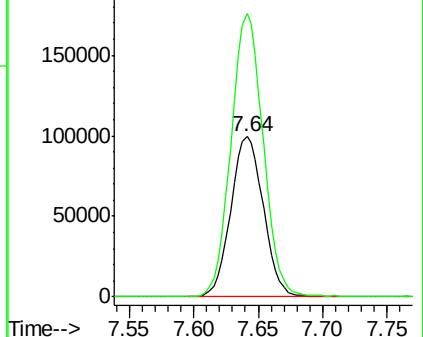
92 100

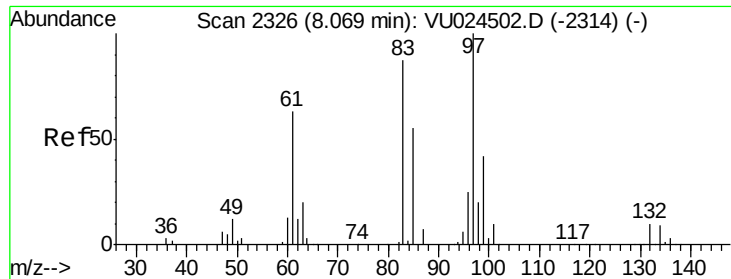
91 174.2 140.5 210.7



Abundance Ion 92.00 (91.70 to 92.70): VU025213.D (-2100) (-)

Ion 91.00 (90.70 to 91.70): VU025213.D (-2100) (-)





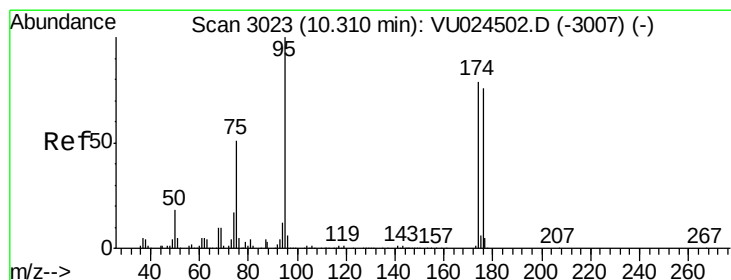
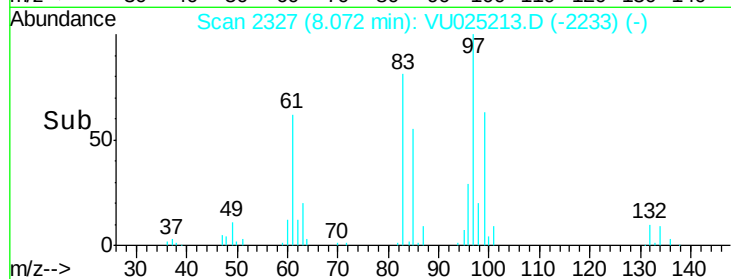
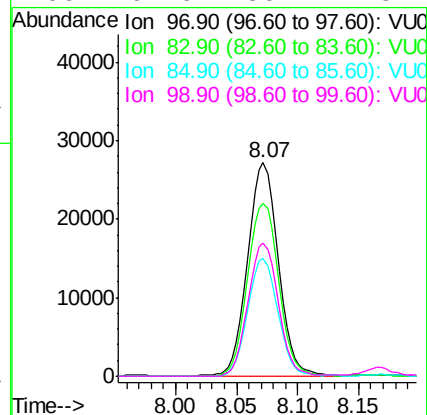
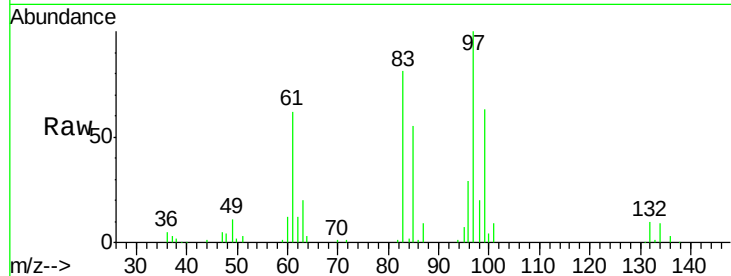
#55
 1,1,2-Trichloroethane
 Concen: 16.057 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW473-180628

Tot Ion:	97	Resp:	47215
Ion	Ratio	Lower	Upper
97	100		
83	81.2	70.5	105.7
85	55.0	46.4	69.6
99	62.6	50.2	75.2

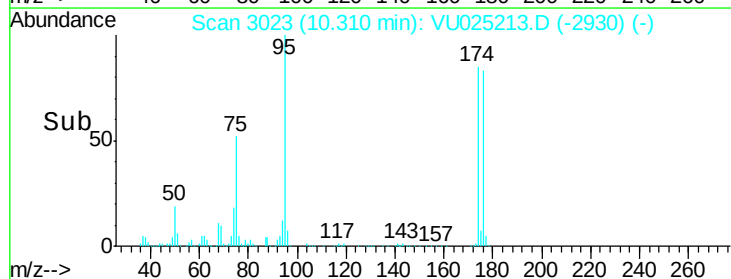
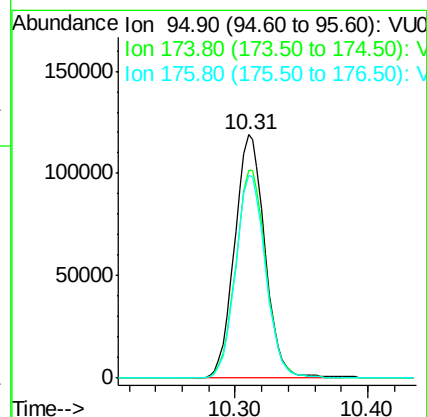
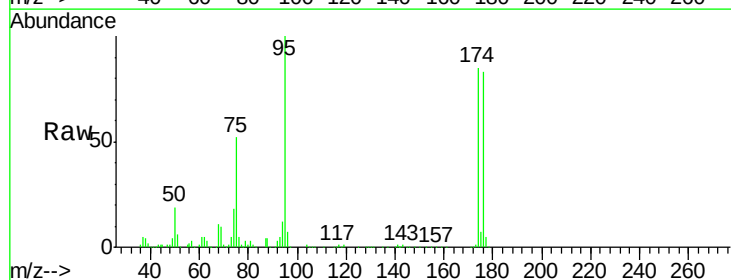
Manual Integrations
 APPROVED

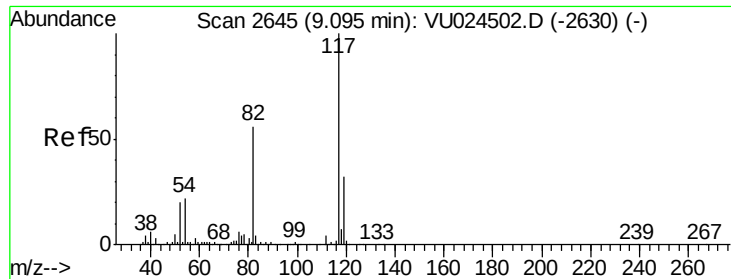
sam
 7/6/2018 4:21:43 PM



#62
 4-Bromofluorobenzene
 Concen: 46.789 ug/l
 RT: 10.31 min Scan# 3023
 Delta R.T. -0.00 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

Tgt Ion:	95	Resp:	188851
Ion	Ratio	Lower	Upper
95	100		
174	85.2	0.0	165.8
176	82.5	0.0	159.4





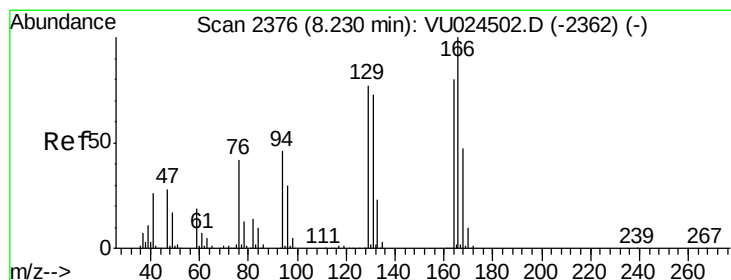
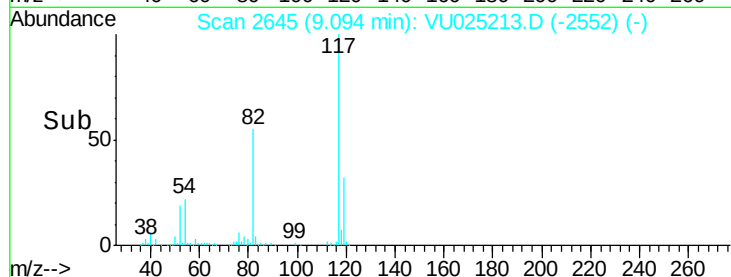
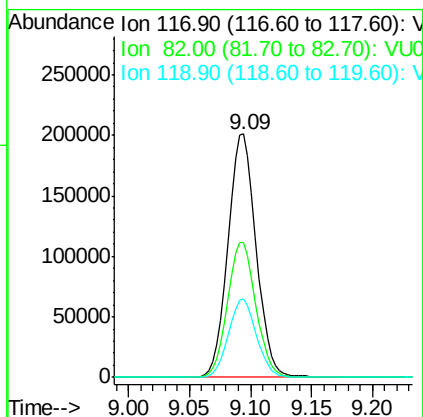
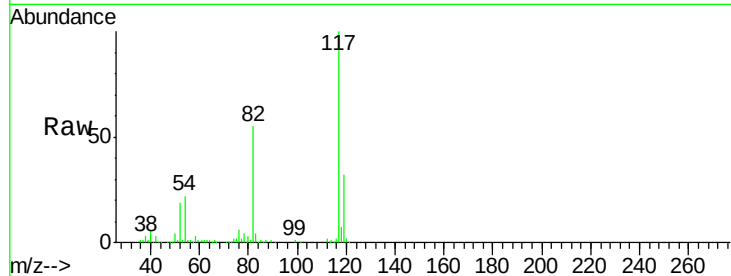
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025213.D
Acq: 05 Jul 2018 14:12

Instrument :
MSVOA_U
ClientSampleId :
WP021MW473-180628

Tot Ion	Ratio	Resp	Lower	Upper
117	100	325120		
82	55.4	44.3	66.5	
119	32.1	25.4	38.2	

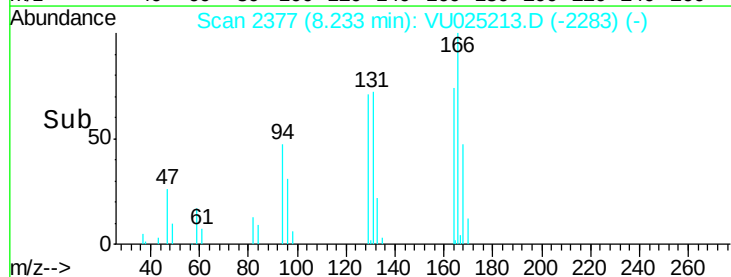
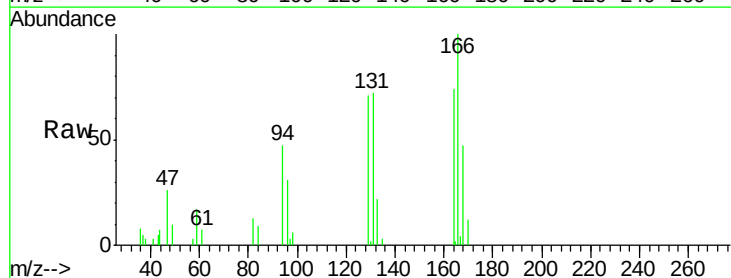
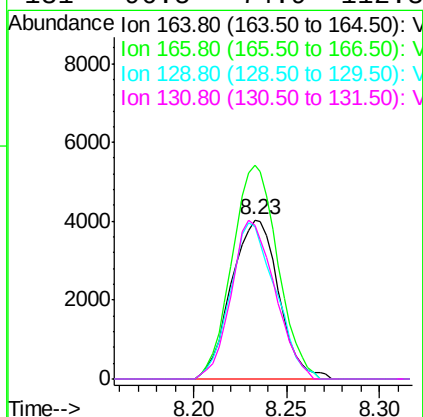
Manual Integrations
APPROVED

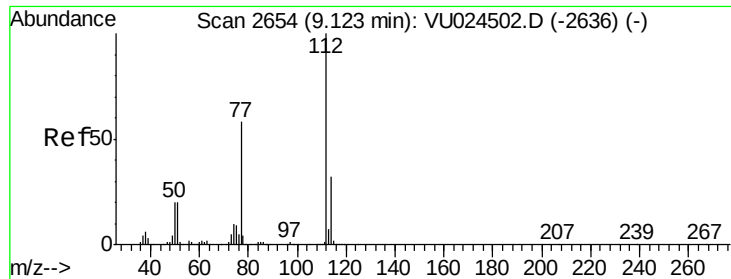
sam
7/6/2018 4:21:43 PM



#64
Tetrachloroethene
Concen: 2.324 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU025213.D
Acq: 05 Jul 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	7183		
166	134.5	101.7	152.5	
129	96.1	76.9	115.3	
131	96.5	74.9	112.3	





#65

Chlorobenzene

Concen: 23.207 ug/l

RT: 9.12 min Scan# 2654

Delta R.T. -0.00 min

Lab File: VU025213.D

Acq: 05 Jul 2018 14:12

Instrument :

MSVOA_U

ClientSampleId :

WP021MW473-180628

Tot Ion:112 Resp: 192747

Ion Ratio Lower Upper

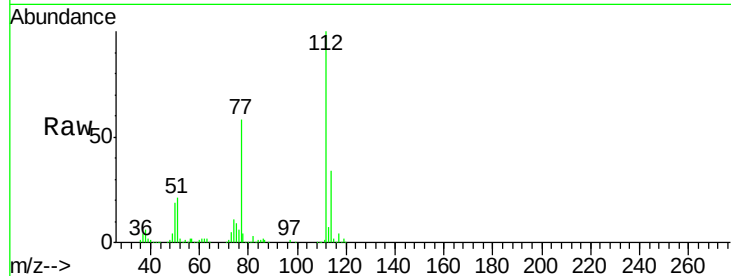
112 100

114 33.7 25.6 38.4

Manual Integrations
APPROVED

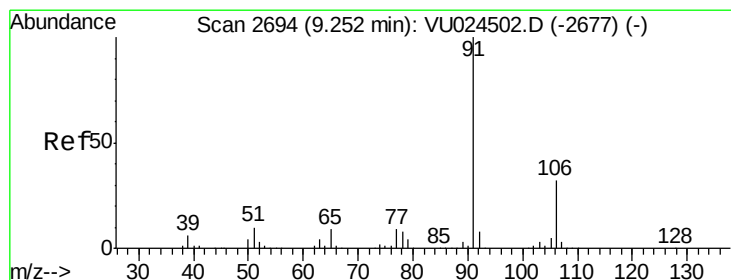
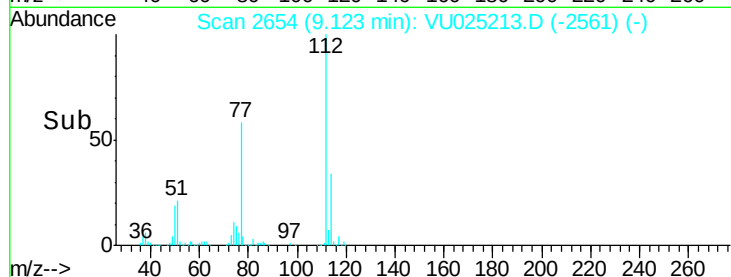
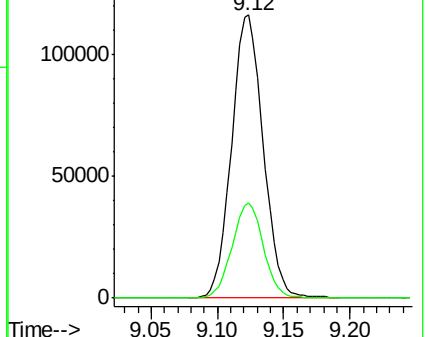
sam

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#67

Ethyl Benzene

Concen: 2.766 ug/l

RT: 9.26 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VU025213.D

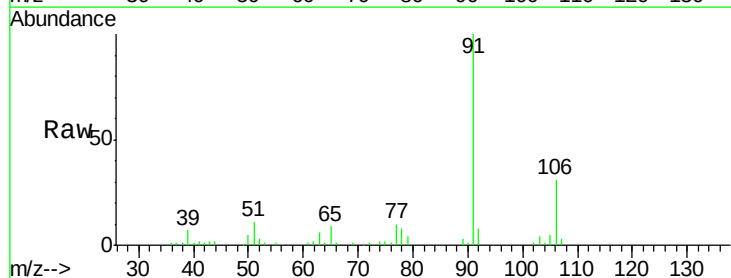
Acq: 05 Jul 2018 14:12

Tgt Ion: 91 Resp: 40268

Ion Ratio Lower Upper

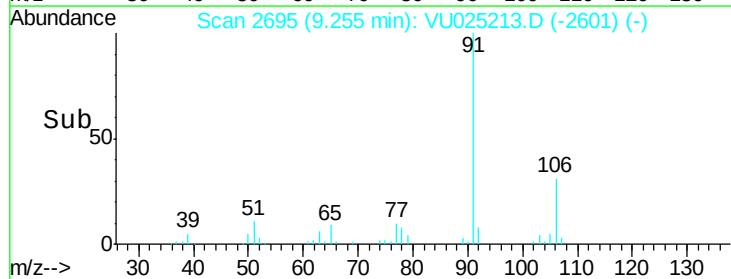
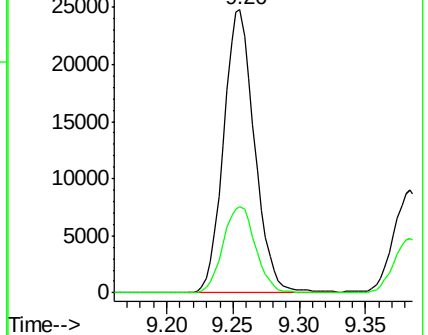
91 100

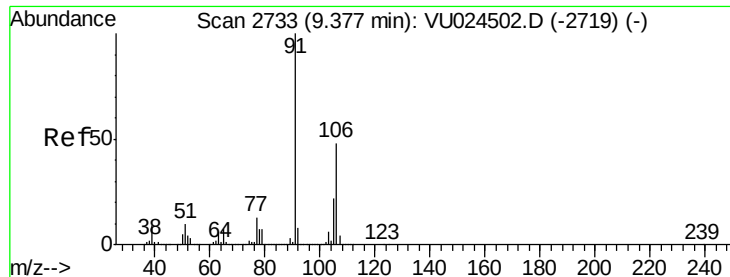
106 30.6 24.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VU0

Ion 106.00 (105.70 to 106.70): V





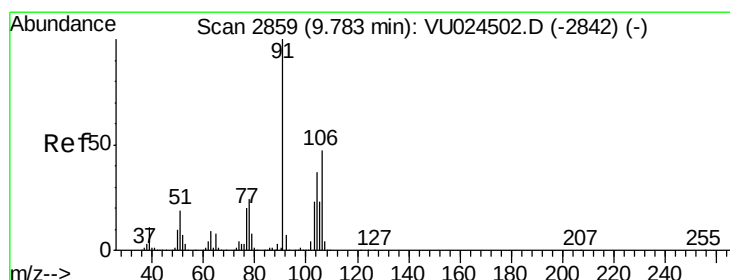
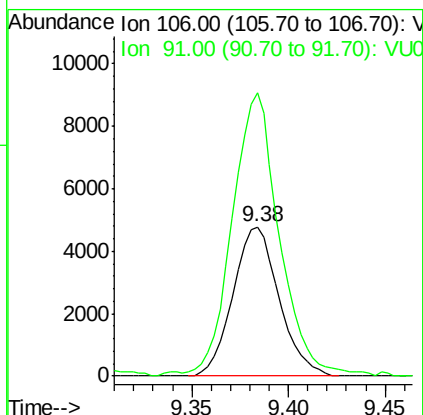
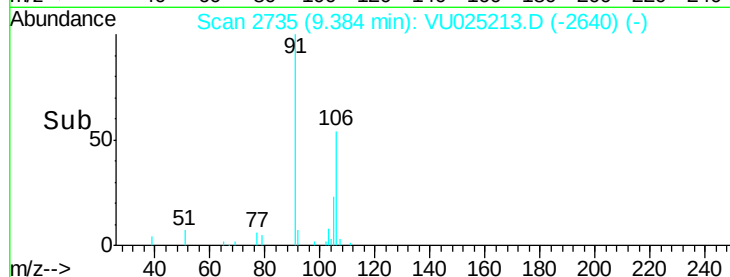
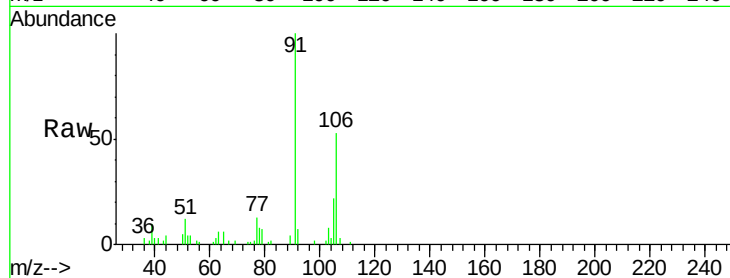
#68
m/p-Xylenes
Concen: 1.412 ug/l
RT: 9.38 min Scan# 2735
Delta R.T. 0.01 min
Lab File: VU025213.D
Acq: 05 Jul 2018 14:12

Instrument :
MSVOA_U
ClientSampleId :
WP021MW473-180628

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	195.2	166.5	249.7	

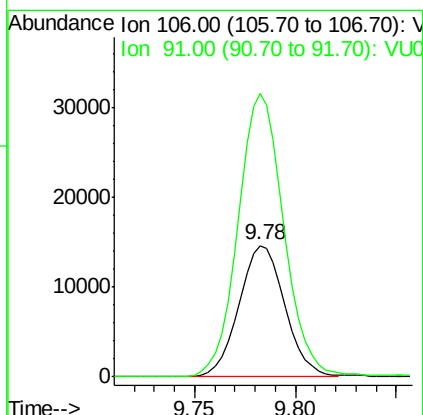
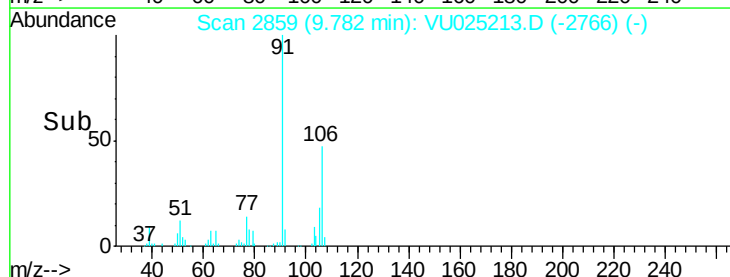
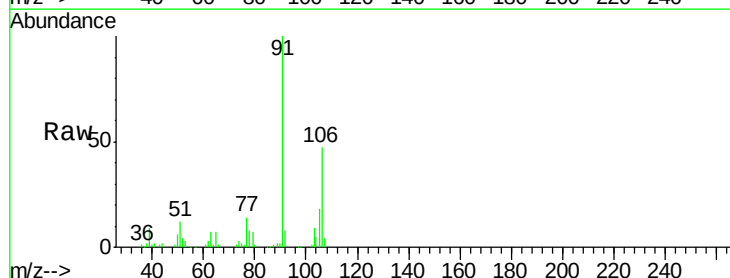
Manual Integrations
APPROVED

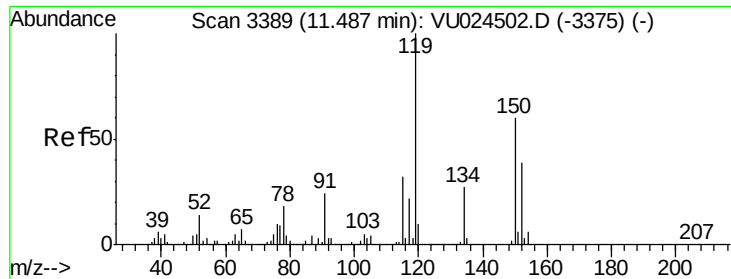
sam
7/6/2018 4:21:43 PM



#69
o-Xylene
Concen: 4.205 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025213.D
Acq: 05 Jul 2018 14:12

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	216.3	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: VU025213.D

Acq: 05 Jul 2018 14:12

Instrument :

MSVOA_U

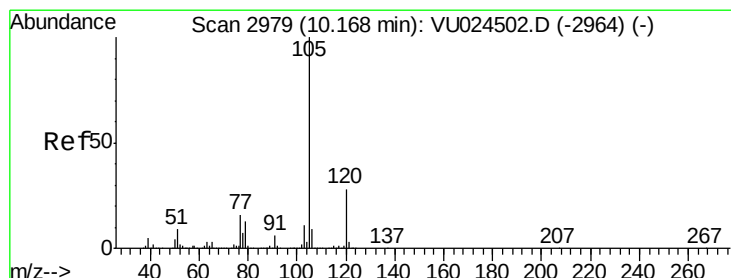
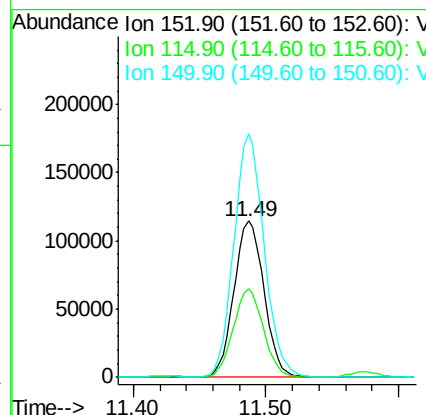
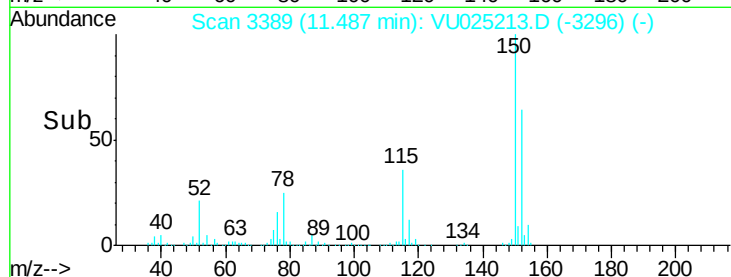
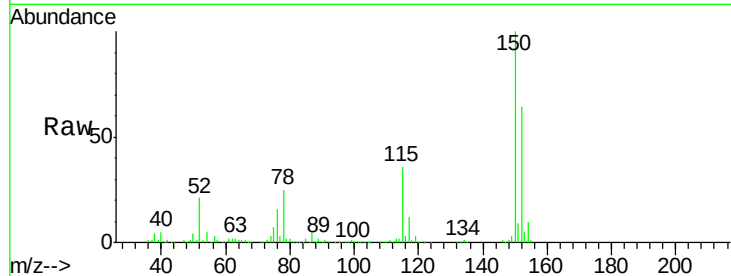
ClientSampleId :

WP021MW473-180628

Tot Ion:	152	Resp:	180367
Ion Ratio	Lower	Upper	
152	100		
115	56.3	43.0	129.0
150	156.9	0.0	354.0

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#73

Isopropylbenzene

Concen: 0.694 ug/l

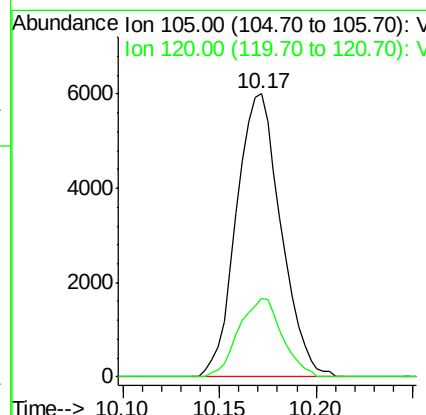
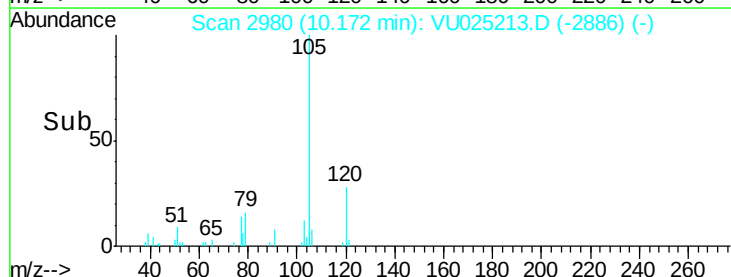
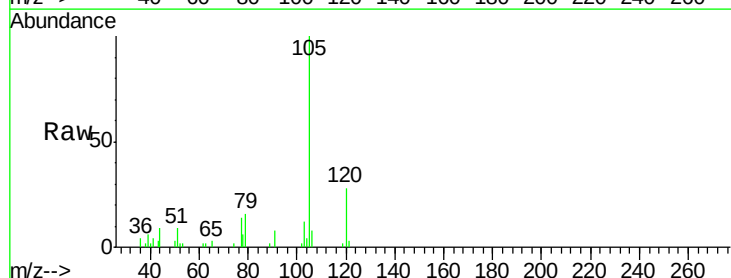
RT: 10.17 min Scan# 2980

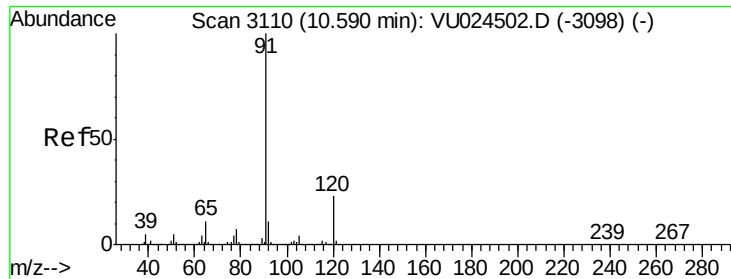
Delta R.T. 0.00 min

Lab File: VU025213.D

Acq: 05 Jul 2018 14:12

Tgt Ion:	105	Resp:	9613
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.2	39.6





#78

n-propylbenzene

Concen: 0.479 ug/l

RT: 10.59 min Scan# 3111

Delta R.T. 0.00 min

Lab File: VU025213.D

Acq: 05 Jul 2018 14:12

Instrument :

MSVOA_U

ClientSampleId :

WP021MW473-180628

Tot Ion: 91 Resp: 7818

Ion Ratio Lower Upper

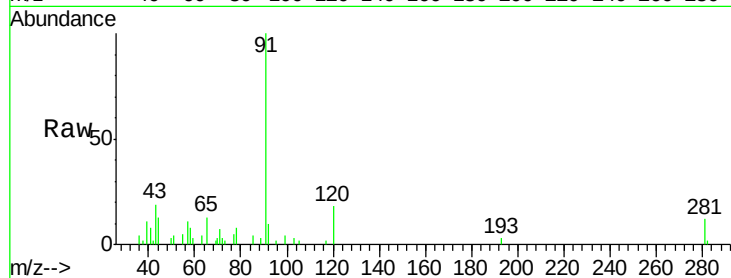
91 100

120 20.4 11.2 33.5

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Abundance Ion 91.00 (90.70 to 91.70): VU024502.D (-3098) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3098) (-)

10.59

5000

4000

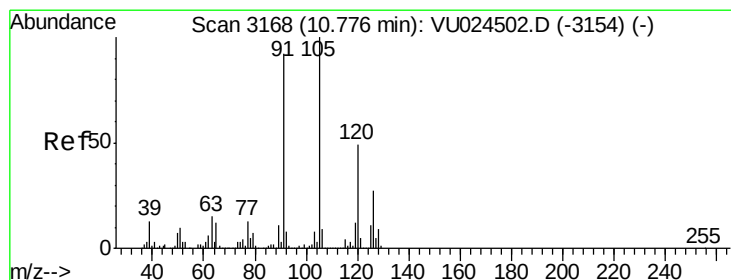
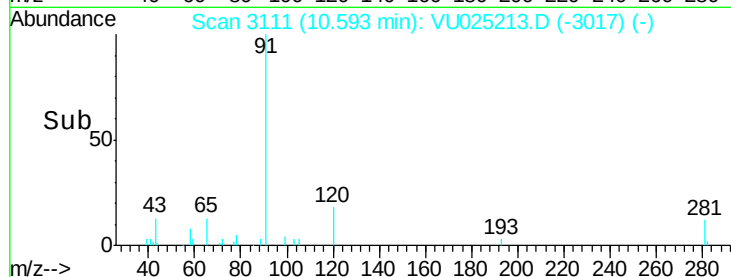
3000

2000

1000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 3.982 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025213.D

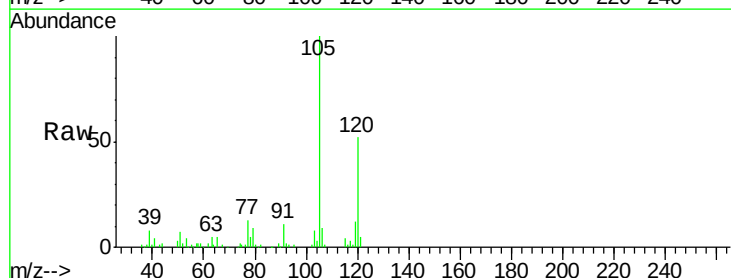
Acq: 05 Jul 2018 14:12

Tgt Ion: 105 Resp: 47797

Ion Ratio Lower Upper

105 100

120 49.3 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VU024502.D (-3154) (-)

Ion 120.00 (119.70 to 120.70): VU024502.D (-3154) (-)

10.78

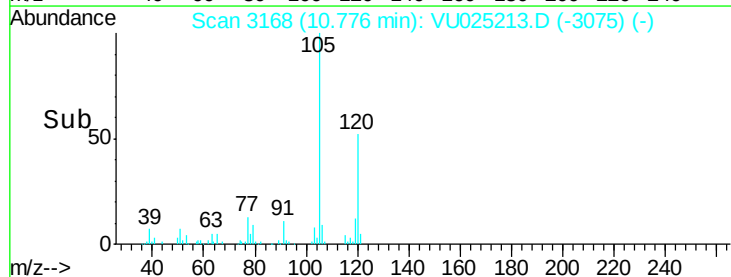
30000

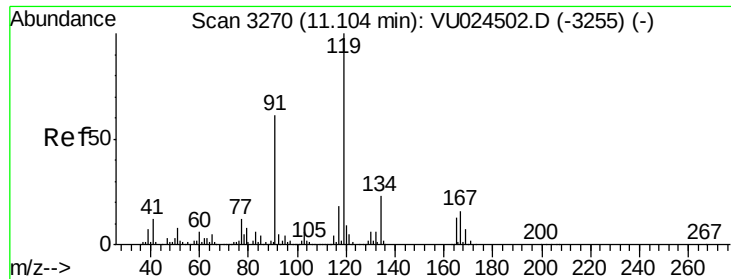
20000

10000

0

Time-->





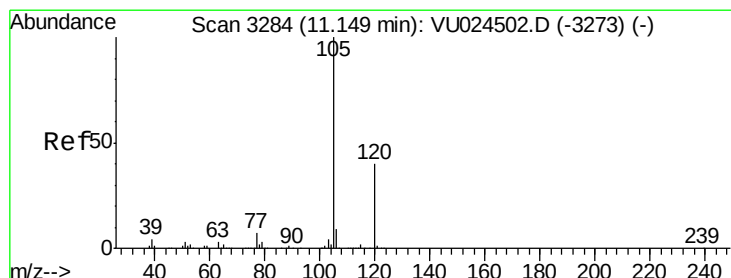
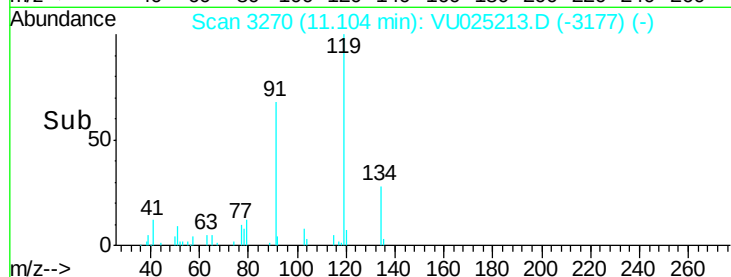
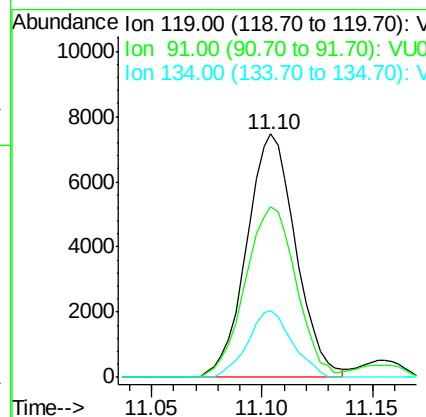
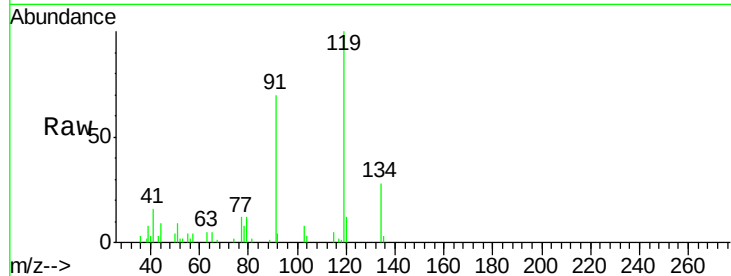
#83
 tert-Butylbenzene
 Concen: 0.997 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW473-180628

Tot Ion	Ratio	Resp	Lower	Upper
119	100	11515		
91	73.2	29.7	89.1	
134	24.8	11.6	34.7	

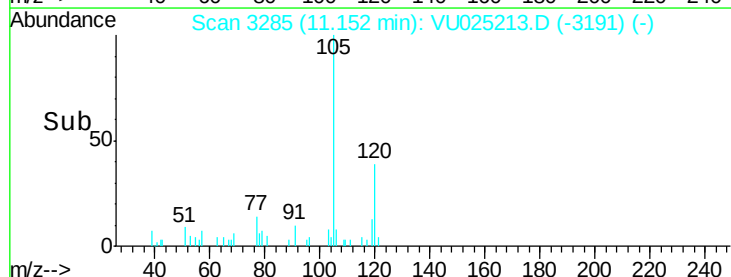
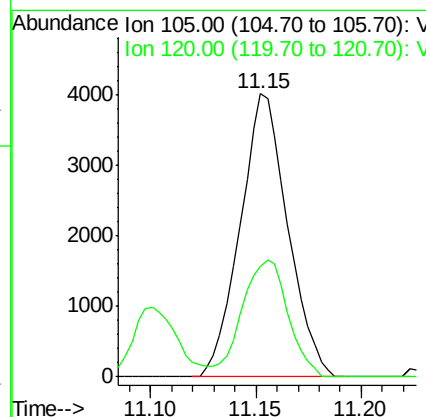
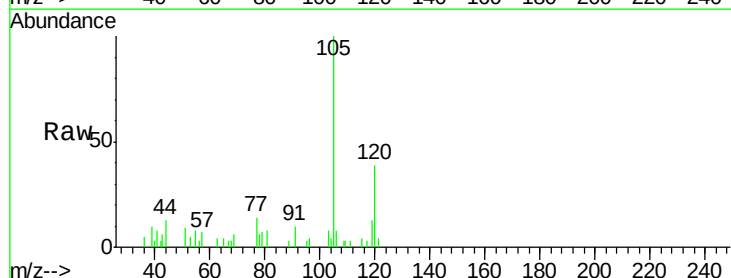
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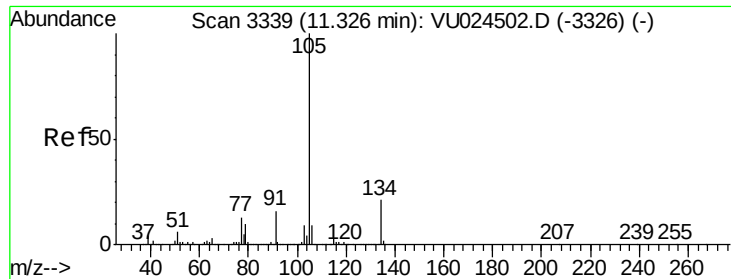
sam
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#84
 1,2,4-Trimethylbenzene
 Concen: 0.513 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	6276		
120	40.2	22.6	67.8	





#85

sec-Butylbenzene

Concen: 0.825 ug/l

RT: 11.33 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VU025213.D

Acq: 05 Jul 2018 14:12

Instrument :

MSVOA_U

ClientSampleId :

WP021MW473-180628

Tot Ion:105 Resp: 11922

Ion Ratio Lower Upper

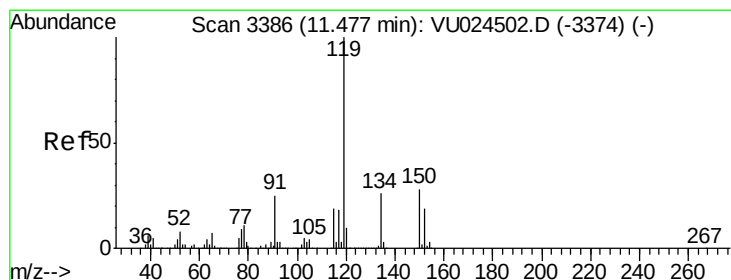
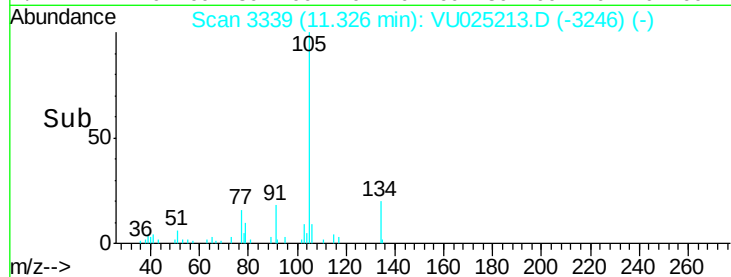
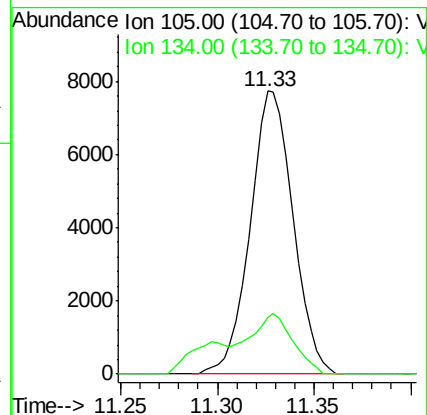
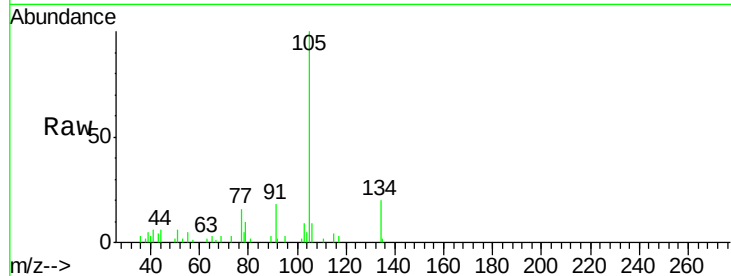
105 100

134 20.8 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 0.707 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025213.D

Acq: 05 Jul 2018 14:12

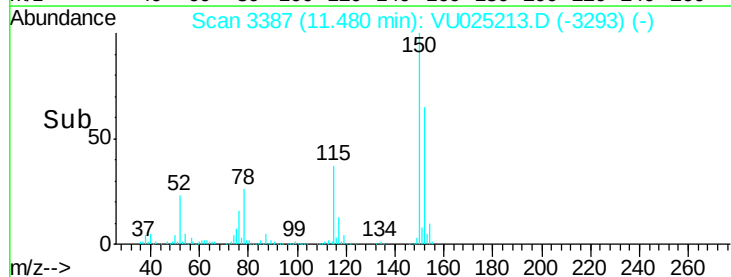
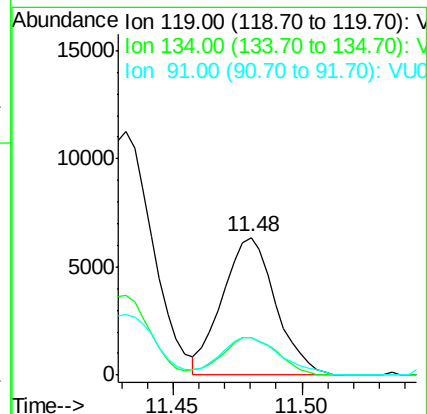
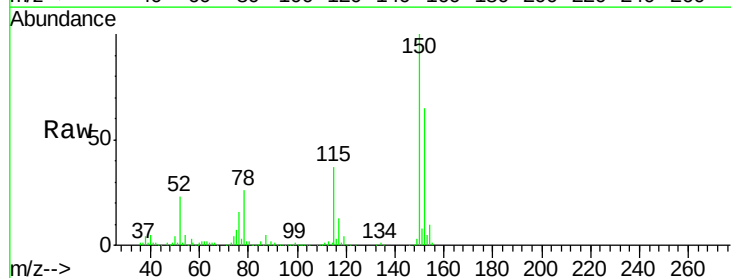
Tgt Ion:119 Resp: 9147

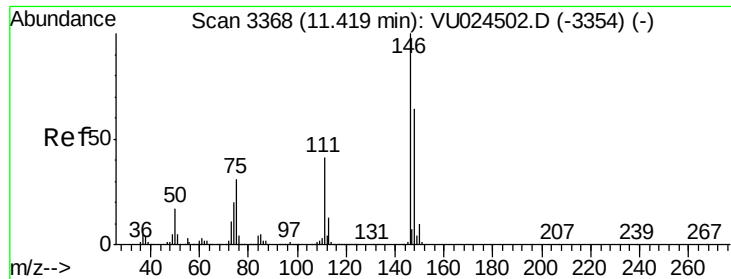
Ion Ratio Lower Upper

119 100

134 28.6 12.9 38.6

91 30.8 12.0 36.1





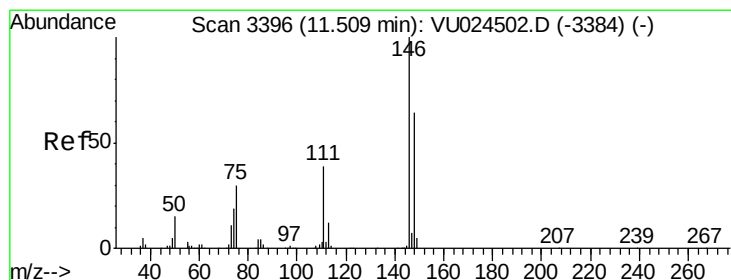
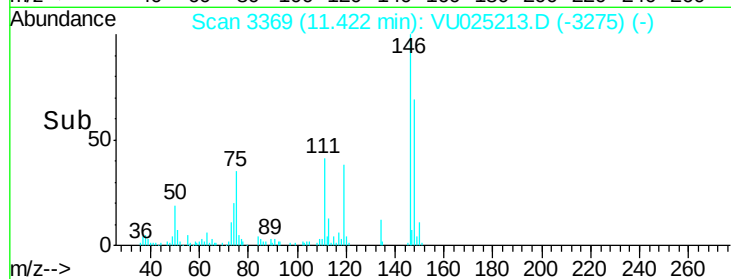
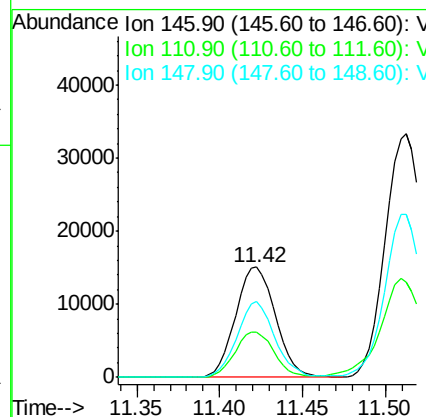
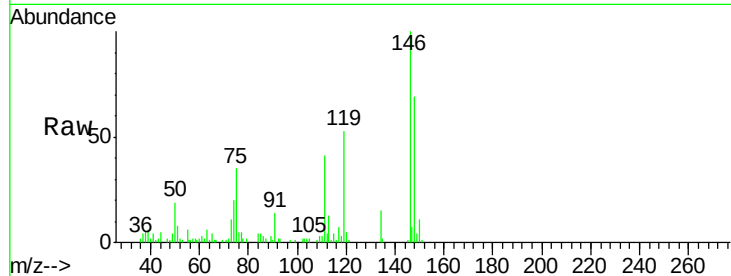
#87
 1,3-Dichlorobenzene
 Concen: 3.899 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW473-180628

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	64.9	32.1	96.5

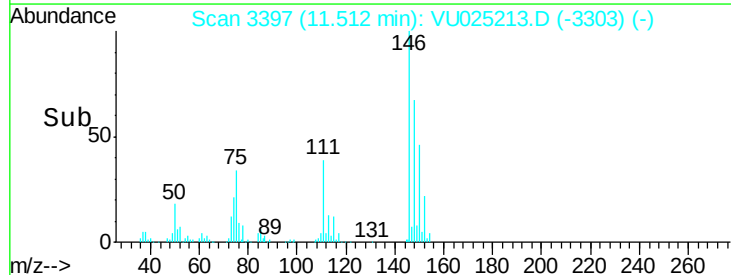
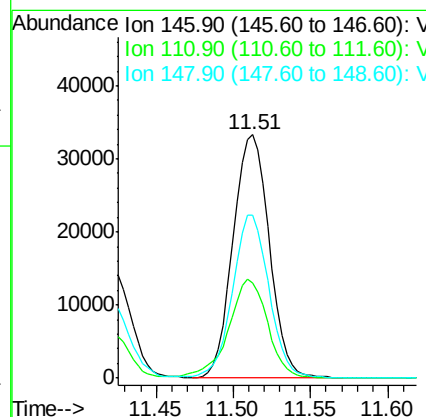
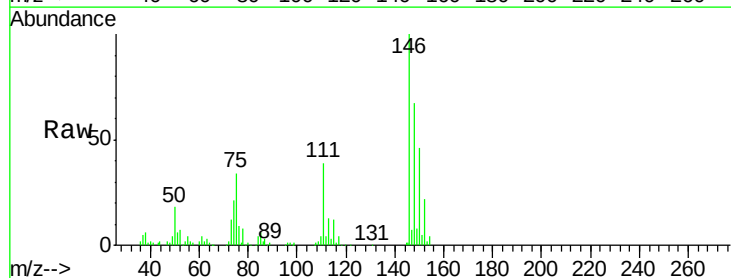
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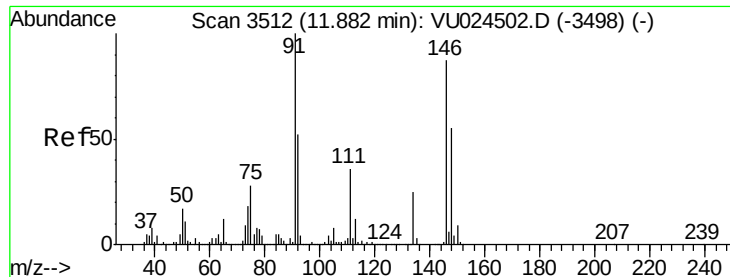
sam
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#88
 1,4-Dichlorobenzene
 Concen: 8.330 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	19.5	58.5
148	67.2	32.4	97.0





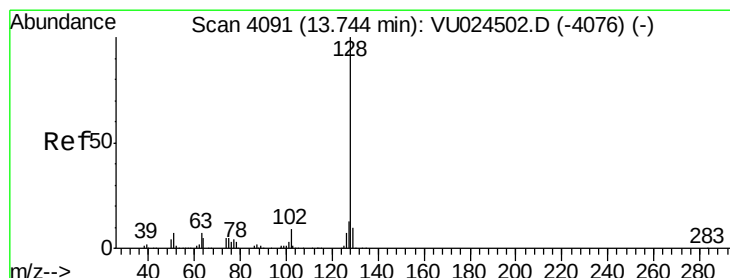
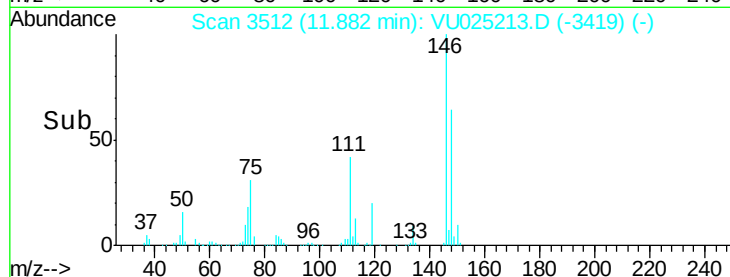
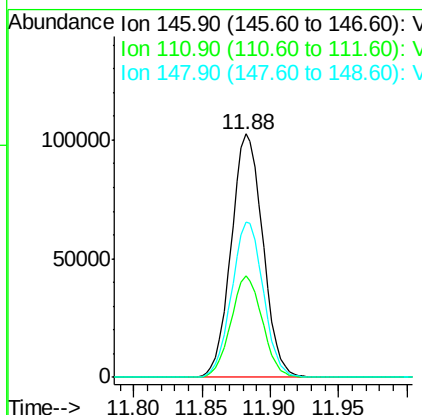
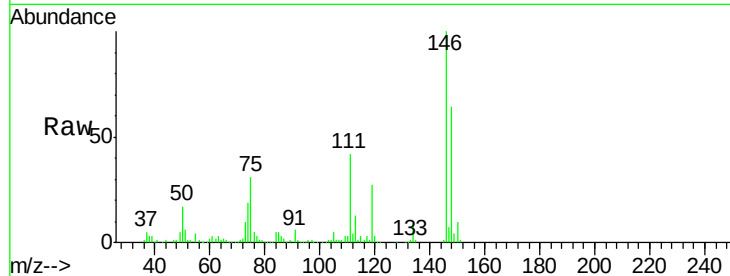
#91
 1,2-Dichlorobenzene
 Concen: 25.560 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW473-180628

Tot Ion:	146	Resp:	165817
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.5	61.6
148	63.8	31.9	95.7

Manual Integrations
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#95
 Naphthalene
 Concen: 6.651 ug/l
 RT: 13.75 min Scan# 4092
 Delta R.T. 0.00 min
 Lab File: VU025213.D
 Acq: 05 Jul 2018 14:12

Tgt Ion:	128	Resp:	80285
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	16.0
129	11.6	8.6	12.8

