

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061818\
 Data File : VU024684.D
 Acq On : 18 Jun 2018 12:11
 Operator : MD/SY
 Sample : J3463-06MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:54:59 PM

Quant Time: Jun 18 17:58:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	168228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	280354	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	263973	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	155914	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	131126	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	4.89	113	116944	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
50) Toluene-d8	7.57	98	421527	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	10.31	95	160696	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	79854	37.92	ug/l	100
3) Chloromethane	1.33	50	97968	45.54	ug/l	100
4) Vinyl Chloride	1.40	62	105523	47.56	ug/l	99
5) Bromomethane	1.62	94	56990	53.14	ug/l	95
6) Chloroethane	1.69	64	69819	56.45	ug/l	98
7) Trichlorofluoromethane	1.89	101	162008	47.85	ug/l	99
8) Diethyl Ether	2.10	74	67132	58.59	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.29	101	85633	40.77	ug/l	97
10) Methyl Iodide	2.41	142	100554	55.87	ug/l	97
11) Tert butyl alcohol	2.83	59	223041	333.92	ug/l	99
12) 1,1-Dichloroethene	2.28	96	89298	46.62	ug/l	89
13) Acrolein	2.19	56	60119	171.40	ug/l	98
14) Allyl chloride	2.59	41	145309	40.86	ug/l	93
15) Acrylonitrile	2.94	53	377289	290.32	ug/l	98
16) Acetone	2.32	43	356314	241.47	ug/l	96
17) Carbon Disulfide	2.48	76	265071	43.22	ug/l	100
18) Methyl Acetate	2.62	43	175910	55.61	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	513119	71.26	ug/l	97
20) Methylene Chloride	2.70	84	111908	48.33	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	99477	47.15	ug/l	95
22) Diisopropyl ether	3.57	45	355930	50.48	ug/l	98
23) Vinyl Acetate	3.53	43	1561794	247.29	ug/l	98
24) 1,1-Dichloroethane	3.45	63	195414	48.18	ug/l	99
25) 2-Butanone	4.26	43	545453	275.19	ug/l	97
26) 2,2-Dichloropropane	4.23	77	86725	22.52	ug/l	94
27) cis-1,2-Dichloroethene	4.23	96	120884	49.84	ug/l	92
28) Bromochloromethane	4.55	49	95052	53.21	ug/l	86
29) Tetrahydrofuran	4.64	42	355742	289.82	ug/l	97
30) Chloroform	4.68	83	202909	49.43	ug/l	100
31) Cyclohexane	5.00	56	168359	46.61	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	178153	46.93	ug/l	96
36) 1,1-Dichloropropene	5.14	75	142450	43.24	ug/l	97
37) Ethyl Acetate	4.38	43	191831	53.43	ug/l	96
38) Carbon Tetrachloride	5.14	117	162661	44.90	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	159874	38.89	ug/l	95
40) Benzene	5.39	78	442074	47.09	ug/l	99
41) Methacrylonitrile	4.54	41	104269	53.86	ug/l	97
42) 1,2-Dichloroethane	5.41	62	160200	44.81	ug/l	98
43) Isopropyl Acetate	5.55	43	302761	48.78	ug/l	98
44) Trichloroethene	6.19	130	116412	43.57	ug/l	95
45) 1,2-Dichloropropane	6.44	63	121911	48.67	ug/l	98
46) Dibromomethane	6.56	93	84274	47.90	ug/l	93
47) Bromodichloromethane	6.76	83	163905	46.79	ug/l	99
48) Methyl methacrylate	6.63	41	147462	48.79	ug/l	98
49) 1,4-Dioxane	6.62	88	74830	1266.08	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	1068293	273.97	ug/l	98
52) Toluene	7.64	92	279467	46.27	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	162484	41.30	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	172318	41.10	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	118632	48.32	ug/l	99
56) Ethyl methacrylate	8.02	69	201737	49.10	ug/l	99
57) 1,3-Dichloropropane	8.25	76	201068	48.55	ug/l	100
59) 2-Hexanone	8.36	43	865547	271.89	ug/l	99
60) Dibromochloromethane	8.48	129	141645	46.27	ug/l	100
61) 1,2-Dibromoethane	8.59	107	133201	48.75	ug/l	98
64) Tetrachloroethene	8.23	164	104140	41.50	ug/l	97
65) Chlorobenzene	9.12	112	321309	47.65	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	124737	48.69	ug/l	98
67) Ethyl Benzene	9.25	91	545222	46.12	ug/l	98
68) m/p-Xylenes	9.38	106	426422	93.93	ug/l	96
69) o-Xylene	9.78	106	215917	48.06	ug/l	94
70) Styrene	9.80	104	350643	47.49	ug/l	99
71) Bromoform	9.96	173	119782	49.19	ug/l #	99
73) Isopropylbenzene	10.17	105	577191	48.22	ug/l	98
74) N-amyl acetate	10.01	43	285646	50.17	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	214425	53.45	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	187490m	54.62	ug/l	
77) Bromobenzene	10.45	156	143976	47.51	ug/l	96
78) n-propylbenzene	10.59	91	644187	45.68	ug/l	97
79) 2-Chlorotoluene	10.66	91	390009	46.90	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	493893	47.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	58439m	39.40	ug/l	
82) 4-Chlorotoluene	10.78	91	447099	46.19	ug/l	100
83) tert-Butylbenzene	11.10	119	496559	49.75	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	501993	47.48	ug/l	99
85) sec-Butylbenzene	11.33	105	597273	47.81	ug/l	97
86) p-Isopropyltoluene	11.48	119	514816	46.01	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	262340	46.86	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	264120	46.87	ug/l	99
89) n-Butylbenzene	11.89	91	436189	43.91	ug/l	97
90) Hexachloroethane	12.15	117	101703	46.60	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	273760	48.82	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	62026	56.04	ug/l	94
93) 1,2,4-Trichlorobenzene	13.51	180	180989	52.26	ug/l	99

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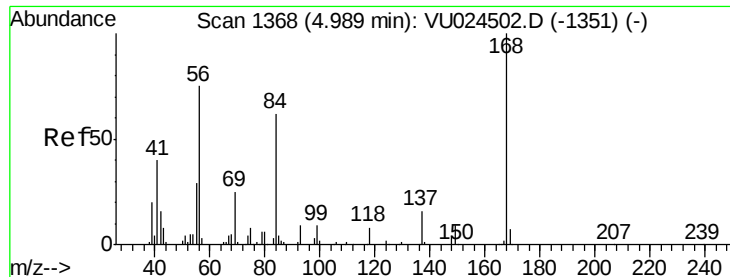
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	89702	46.02	ug/l	98
95) Naphthalene	13.74	128	636740	55.47	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	196415	56.92	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:168 Resp: 168228

Ion Ratio Lower Upper

168 100

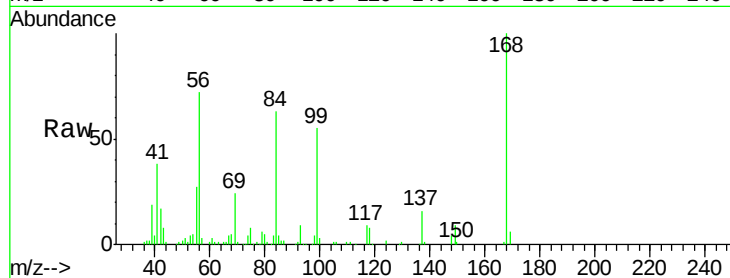
99 54.4 43.2 64.8

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

80000

60000

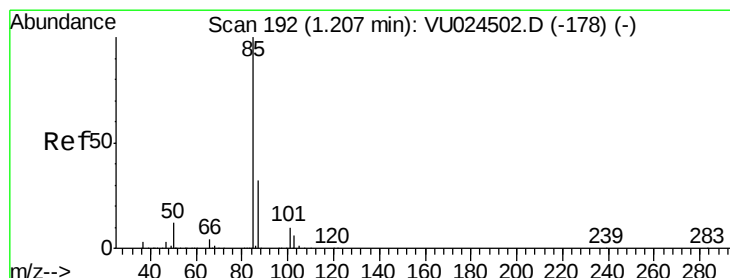
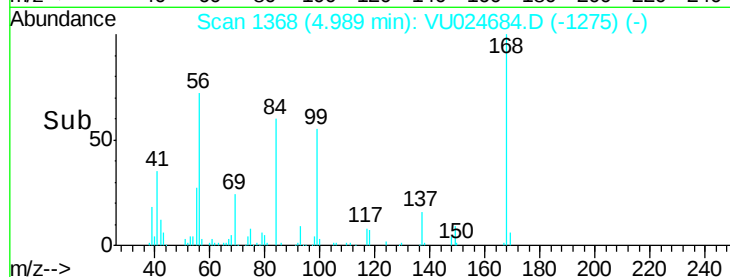
40000

20000

0

4.90 4.99 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 37.92 ug/l

RT: 1.21 min Scan# 192

Delta R.T. -0.00 min

Lab File: VU024684.D

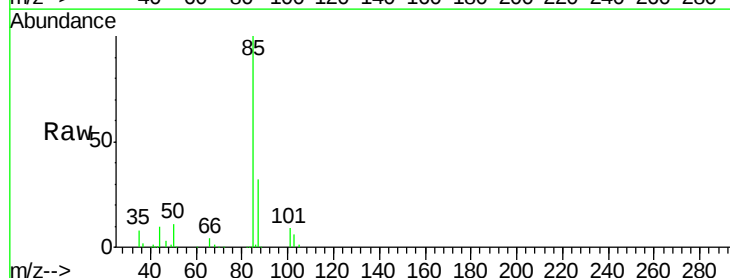
Acq: 18 Jun 2018 12:11

Tgt Ion: 85 Resp: 79854

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0

80000

60000

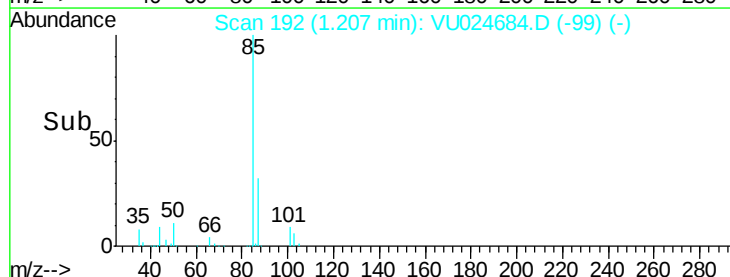
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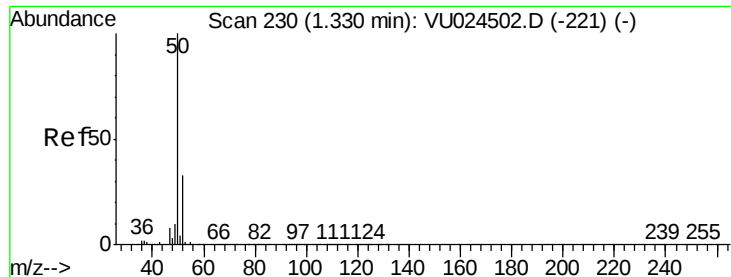
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 45.54 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion: 50 Resp: 97968

Ion Ratio Lower Upper

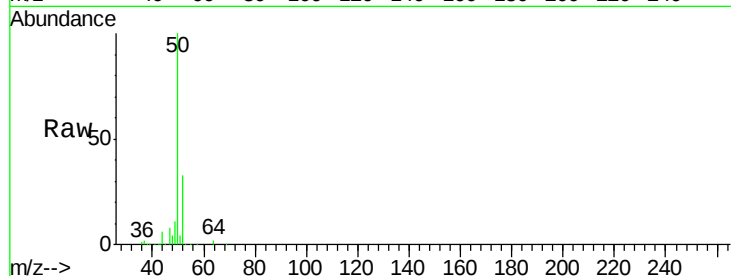
50 100

52 32.9 26.4 39.6

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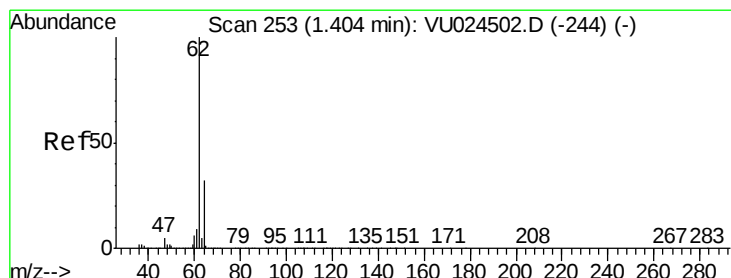
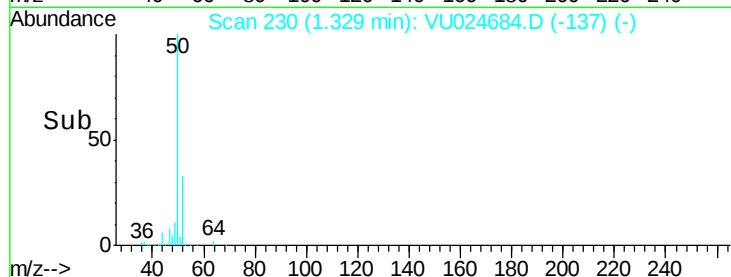
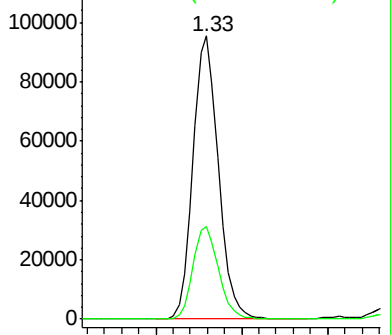
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Abundance Ion 49.90 (49.60 to 50.60): VU0

Ion 51.90 (51.60 to 52.60): VU0



#4

Vinyl Chloride

Concen: 47.56 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU024684.D

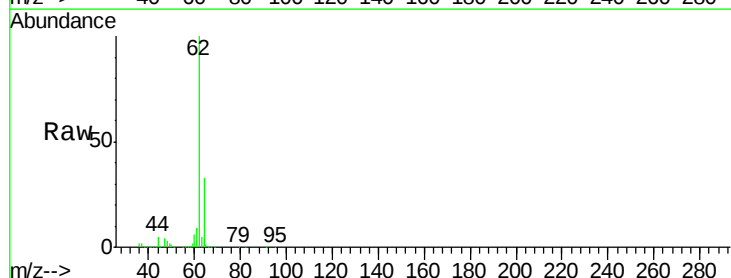
Acq: 18 Jun 2018 12:11

Tgt Ion: 62 Resp: 105523

Ion Ratio Lower Upper

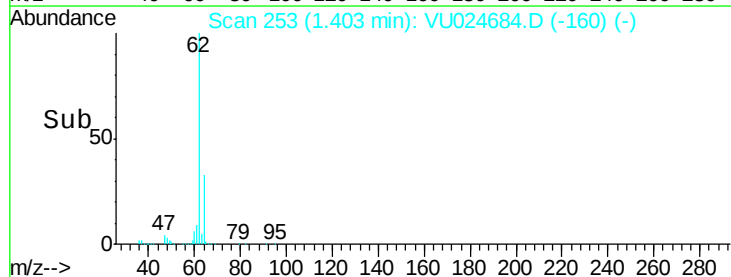
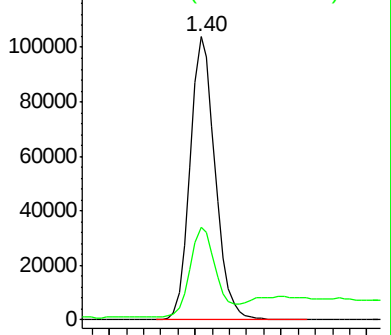
62 100

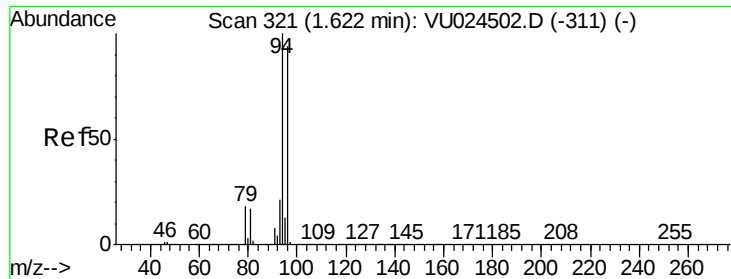
64 31.6 24.8 37.2



Abundance Ion 61.90 (61.60 to 62.60): VU0

Ion 63.90 (63.60 to 64.60): VU0





#5

Bromomethane

Concen: 53.14 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion: 94 Resp: 56990

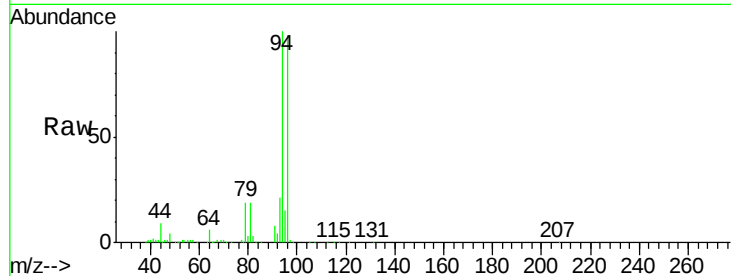
Ion Ratio Lower Upper

94 100

96 97.7 74.5 111.7

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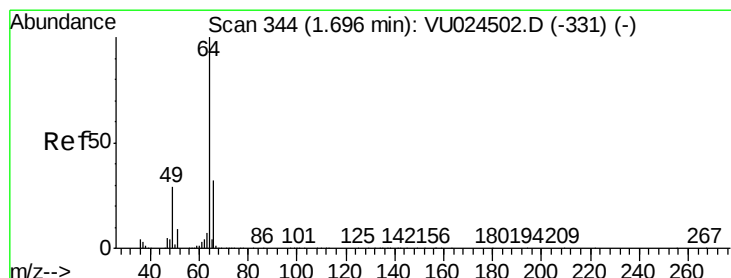
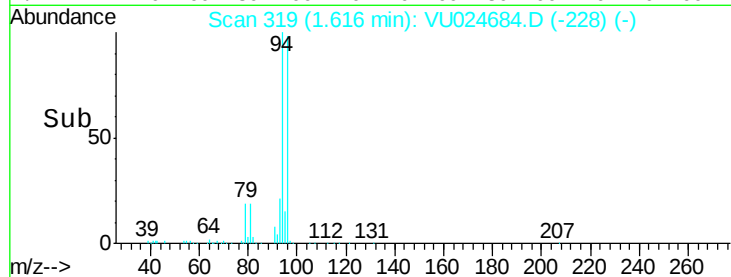


Abundance Ion 93.90 (93.60 to 94.60): VU024502.D (-311) (-)

Ion 95.90 (95.60 to 96.60): VU024502.D (-311) (-)

1.62

Time-->



#6

Chloroethane

Concen: 56.45 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024684.D

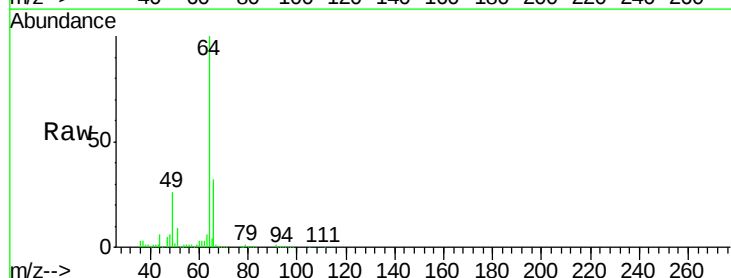
Acq: 18 Jun 2018 12:11

Tgt Ion: 64 Resp: 69819

Ion Ratio Lower Upper

64 100

66 33.2 25.5 38.3

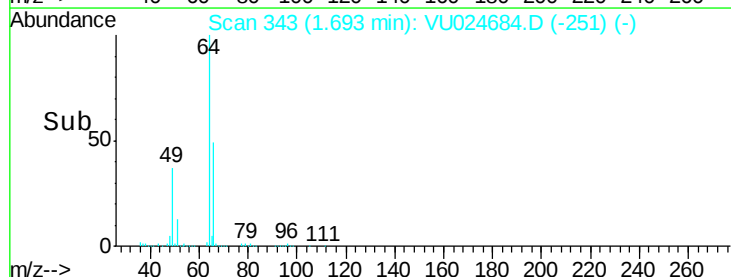


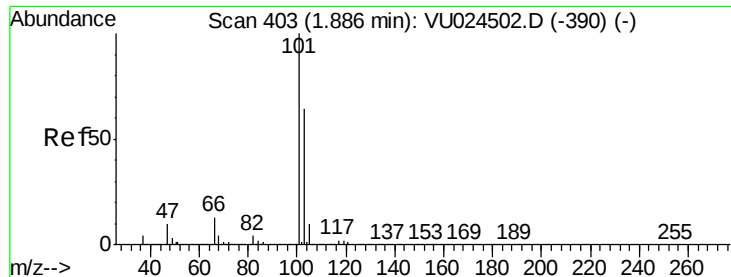
Abundance Ion 63.90 (63.60 to 64.60): VU024502.D (-331) (-)

Ion 65.90 (65.60 to 66.60): VU024502.D (-331) (-)

1.69

Time-->





#7

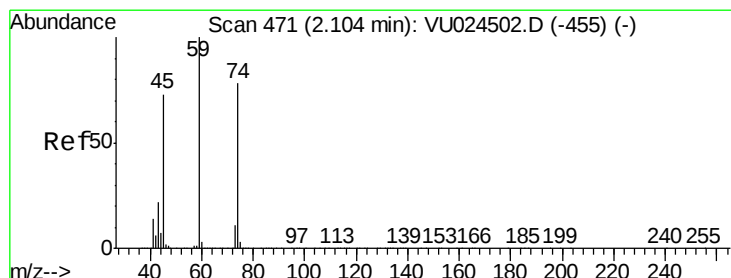
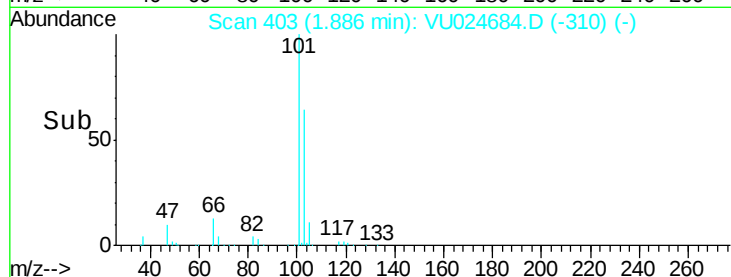
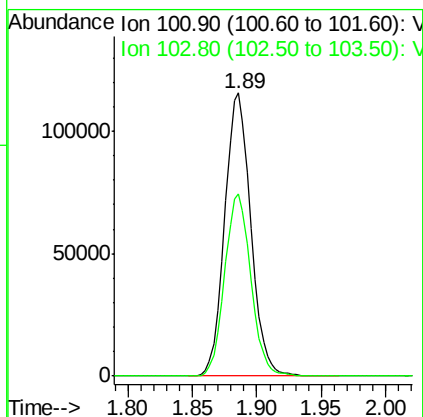
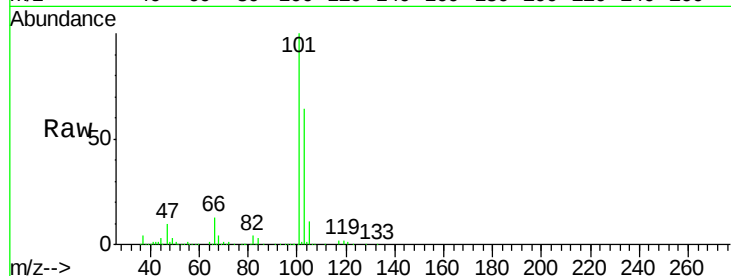
Trichlorofluoromethane
Concen: 47.85 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	52.3	78.5

Manual Integrations
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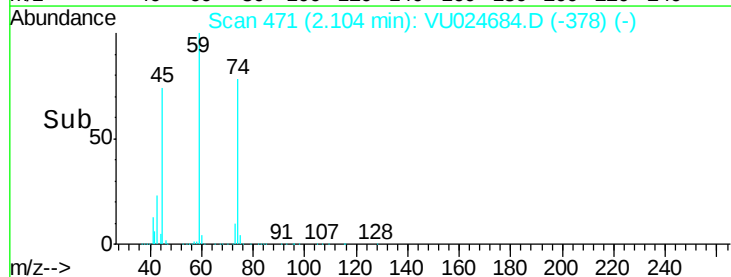
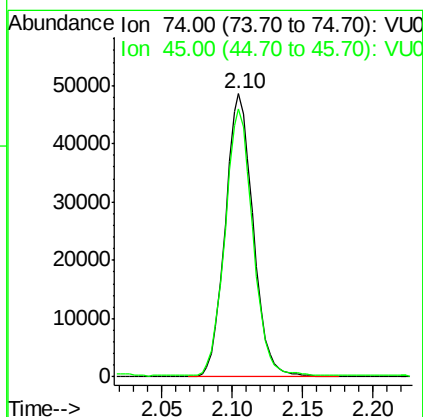
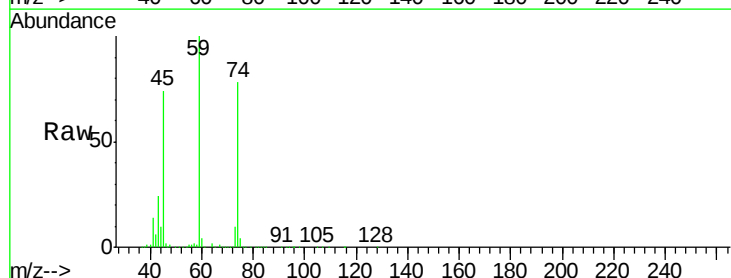
MMDadoda
6/19/2018 1:54:59 PM

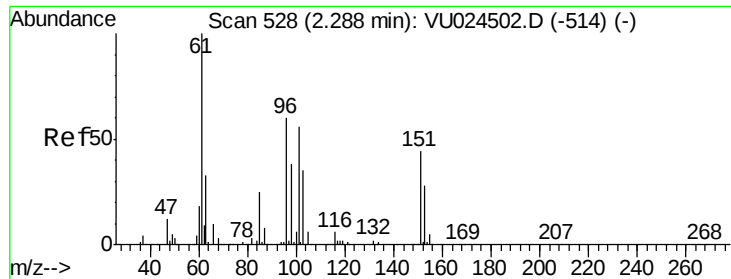


#8

Diethyl Ether
Concen: 58.59 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.77 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

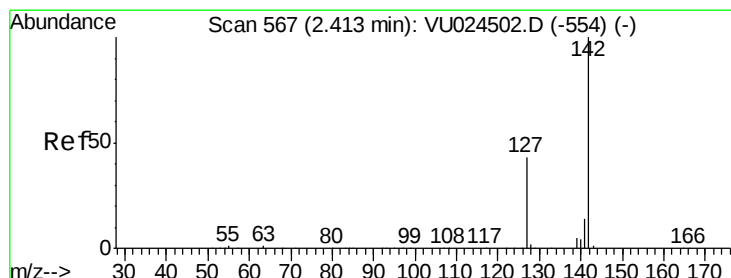
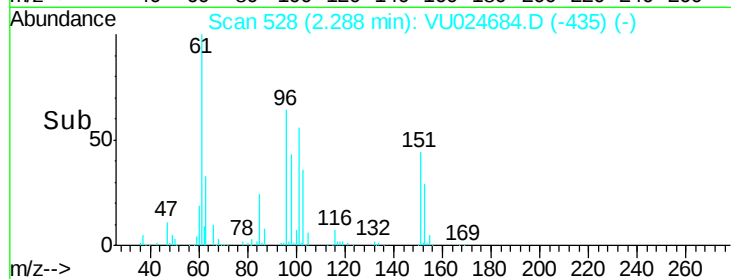
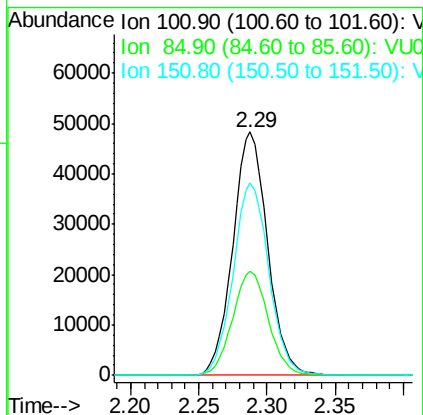
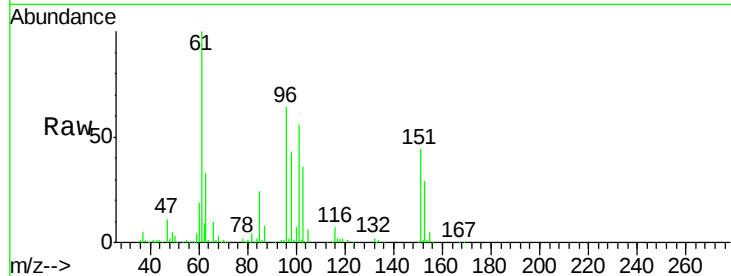
ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:	101	Resp:	85633
Ion Ratio	Lower	Upper	
101	100		
85	43.9	36.0	54.0
151	81.1	62.3	93.5

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#10

Methyl Iodide

Concen: 55.87 ug/l

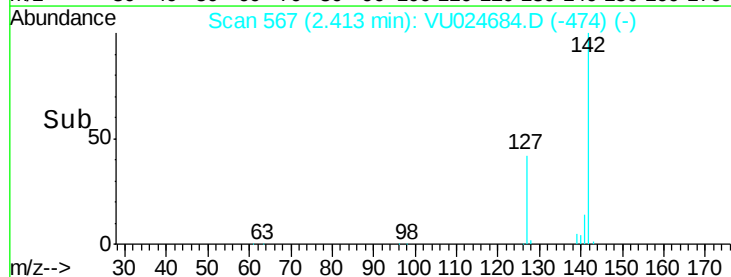
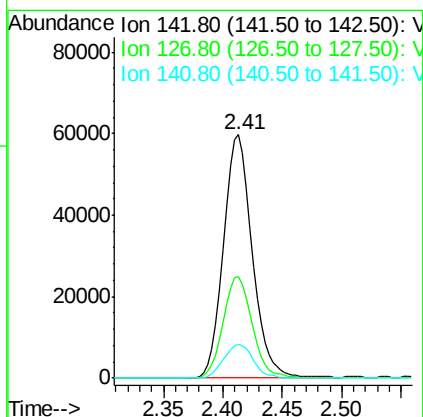
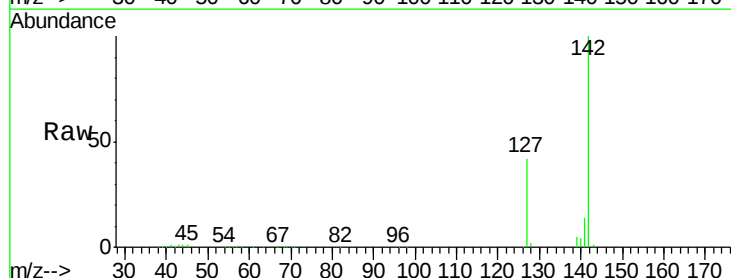
RT: 2.41 min Scan# 567

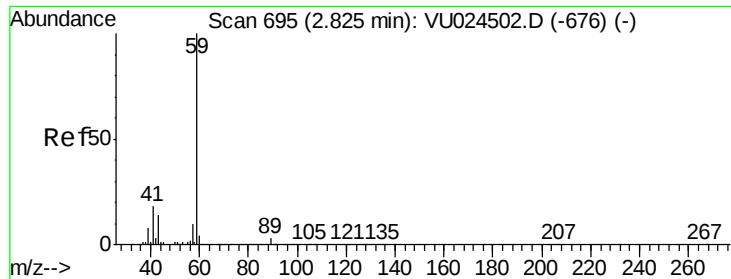
Delta R.T. 0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Tgt Ion:	142	Resp:	100554
Ion Ratio	Lower	Upper	
142	100		
127	41.9	35.6	53.4
141	14.2	11.7	17.5





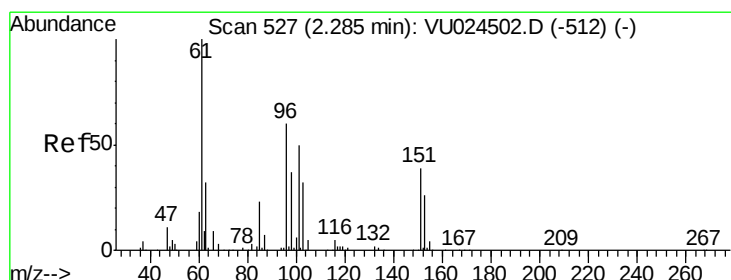
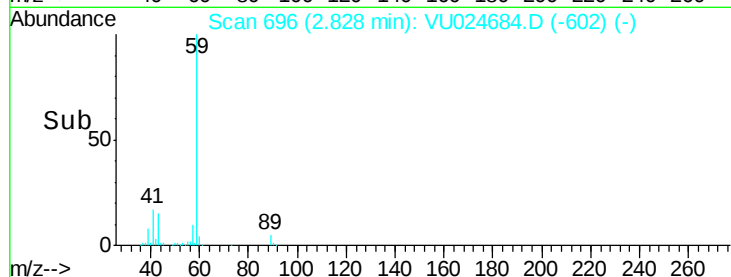
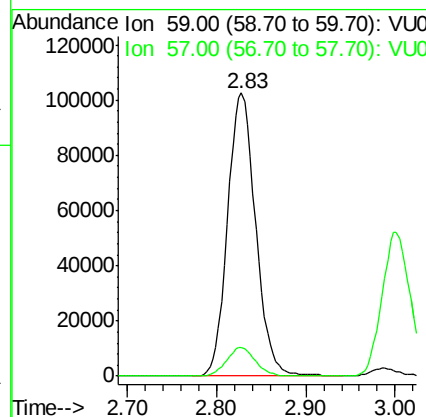
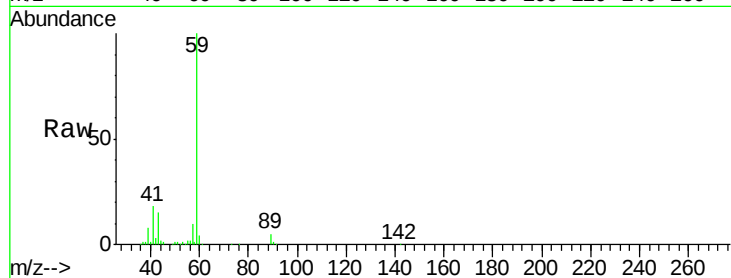
#11
Tert butyl alcohol
Concen: 333.92 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

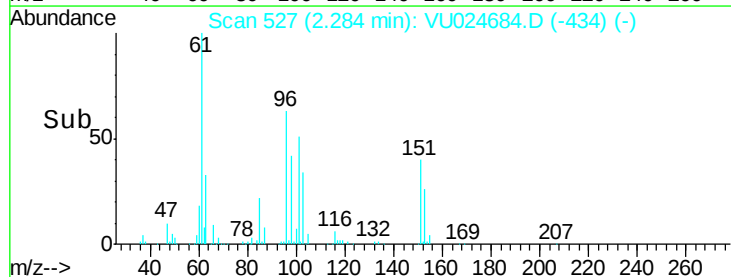
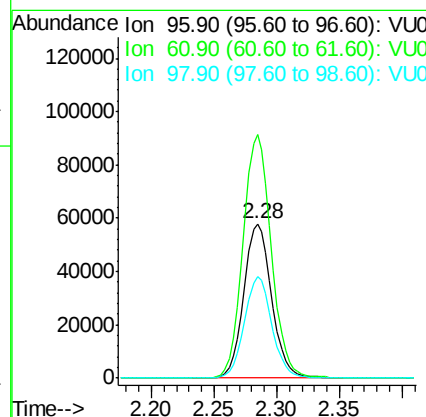
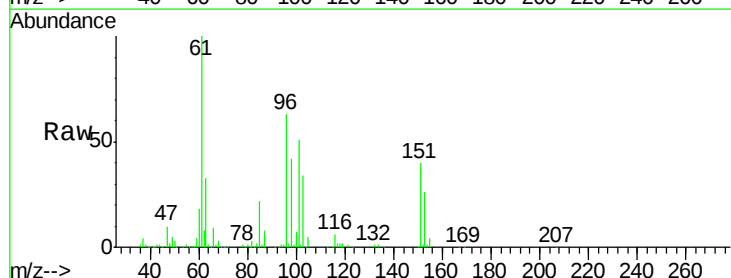
Manual Integrations
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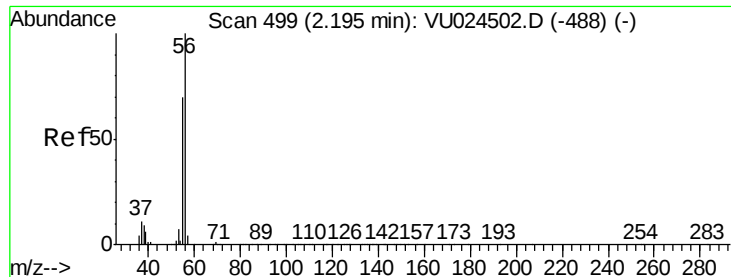
MMDadoda
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#12
1,1-Dichloroethene
Concen: 46.62 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.7	141.7	212.5
98	65.8	51.6	77.4





#13

Acrolein

Concen: 171.40 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion: 56 Resp: 60119

Ion Ratio Lower Upper

56 100

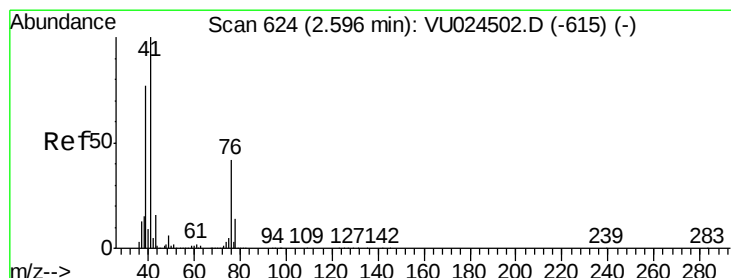
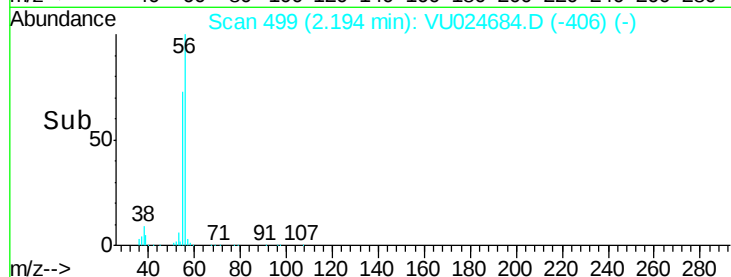
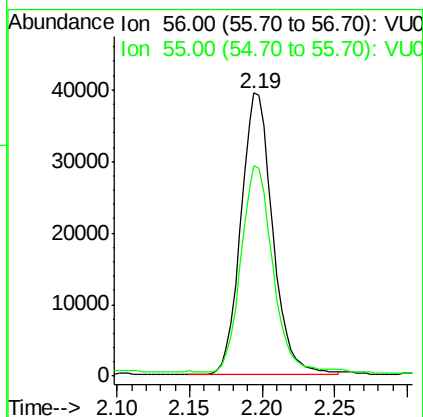
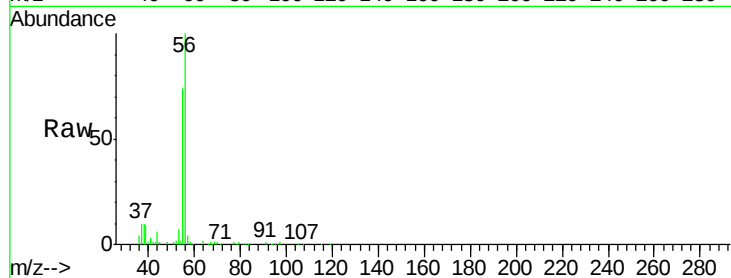
55 74.8 58.4 87.6

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#14

Allyl chloride

Concen: 40.86 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

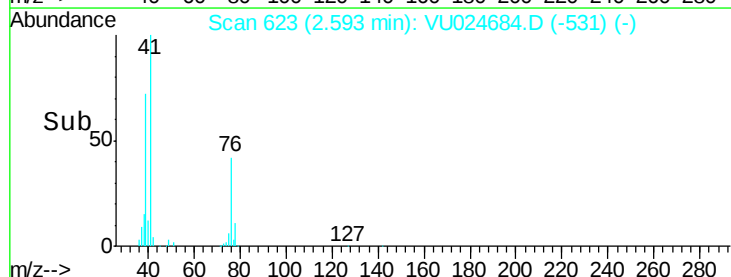
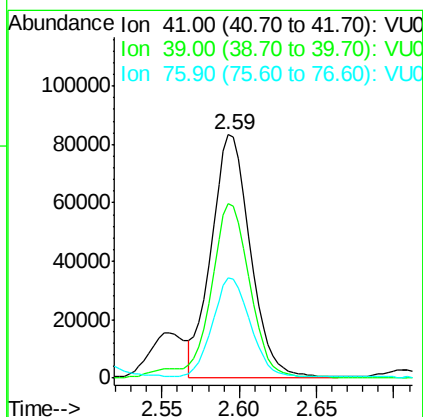
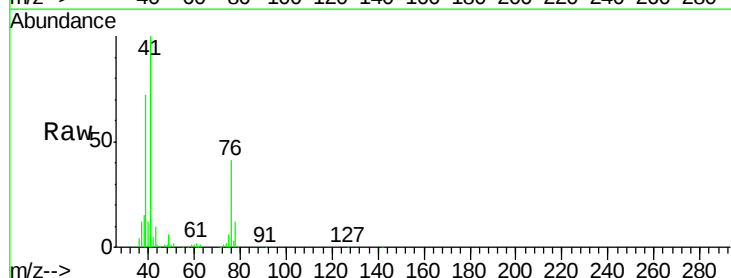
Tgt Ion: 41 Resp: 145309

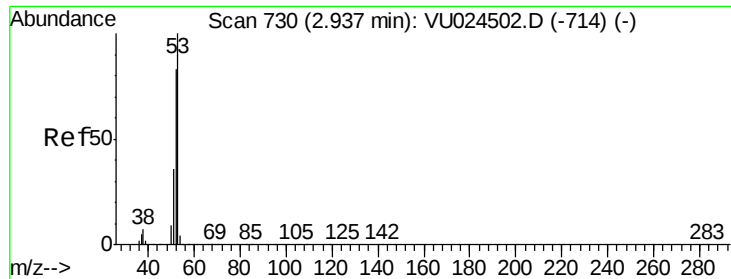
Ion Ratio Lower Upper

41 100

39 69.7 61.6 92.4

76 39.8 29.7 44.5





#15

Acrylonitrile

Concen: 290.32 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

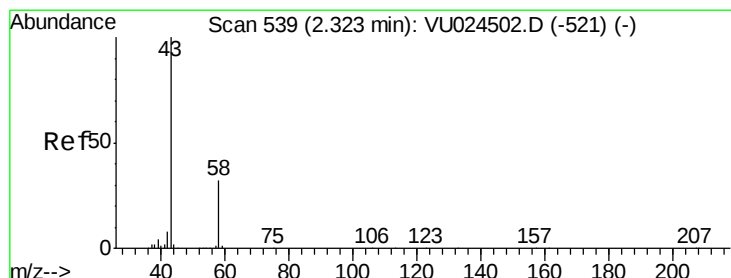
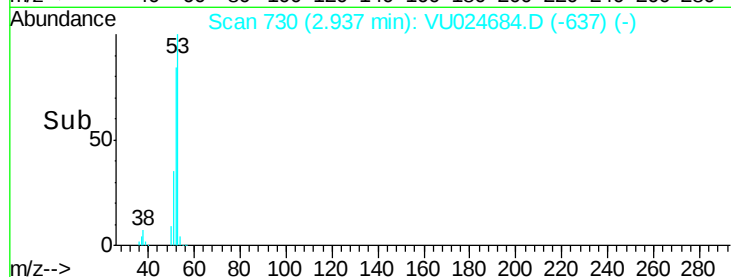
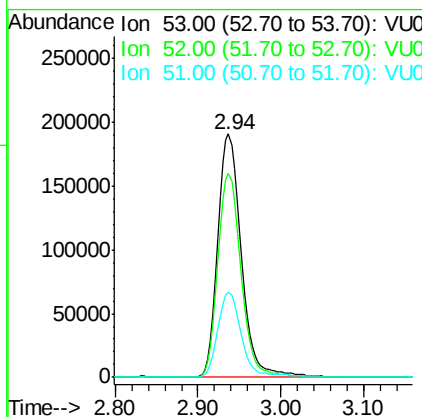
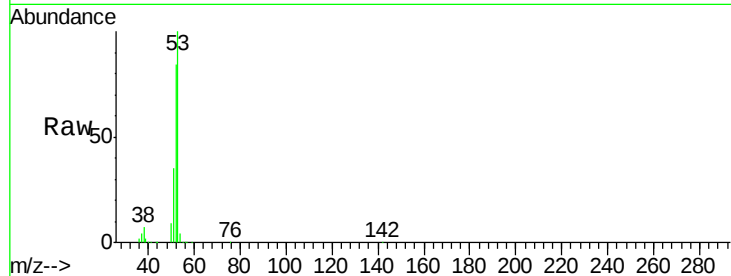
ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:	53	Resp:	377289
Ion	Ratio	Lower	Upper
53	100		
52	82.3	67.1	100.7
51	34.0	28.4	42.6

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#16

Acetone

Concen: 241.47 ug/l

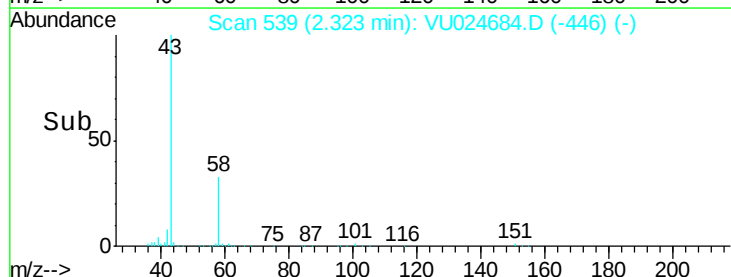
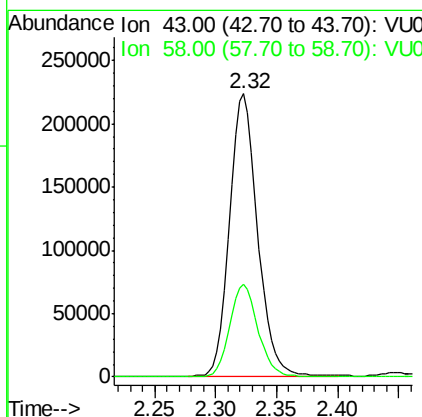
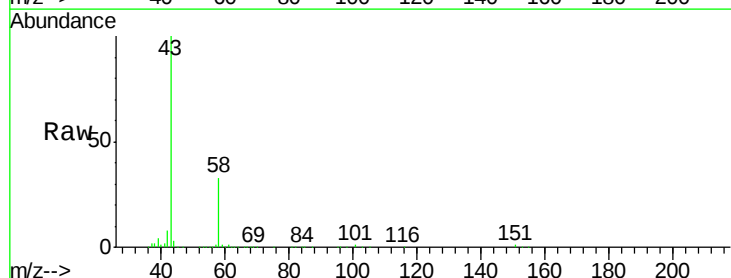
RT: 2.32 min Scan# 539

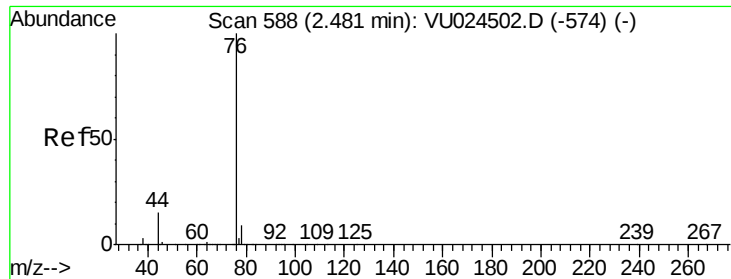
Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Tgt Ion:	43	Resp:	356314
Ion	Ratio	Lower	Upper
43	100		
58	32.7	24.4	36.6





#17

Carbon Disulfide

Concen: 43.22 ug/l

RT: 2.48 min Scan# 587

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion: 76 Resp: 265071

Ion Ratio Lower Upper

76 100

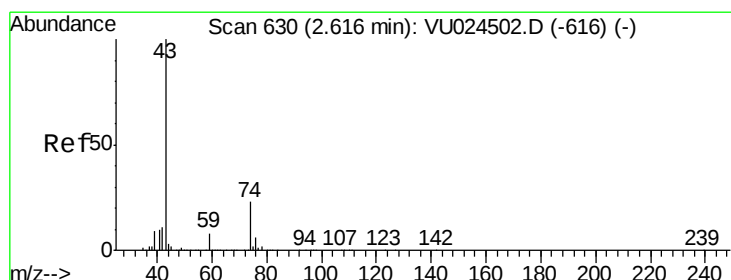
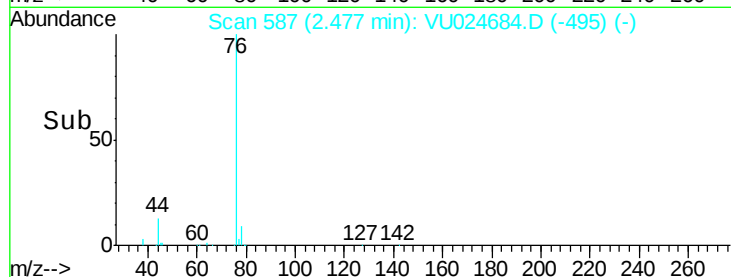
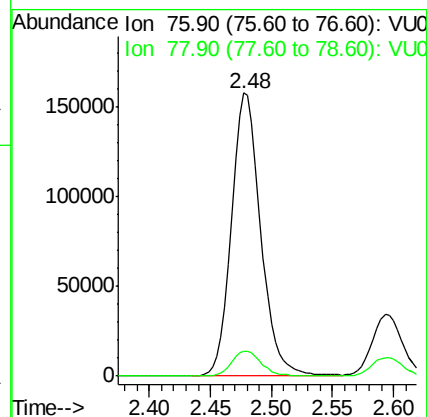
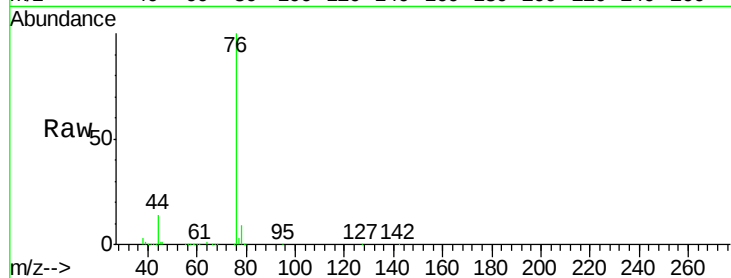
78 8.9 7.1 10.7

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#18

Methyl Acetate

Concen: 55.61 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU024684.D

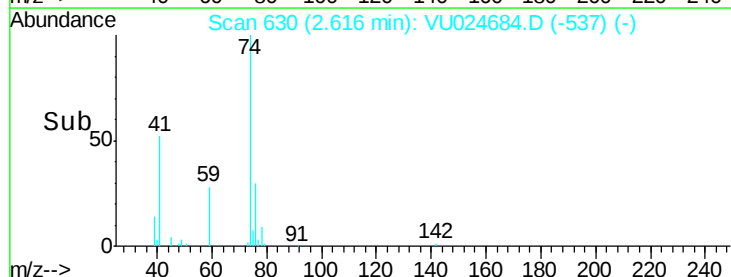
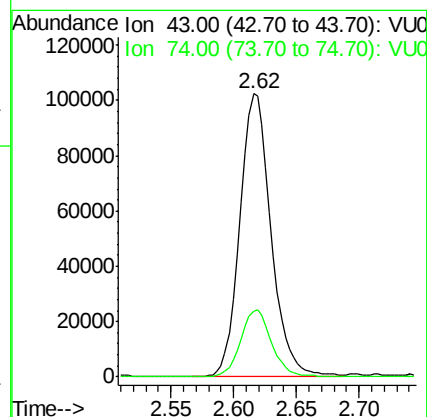
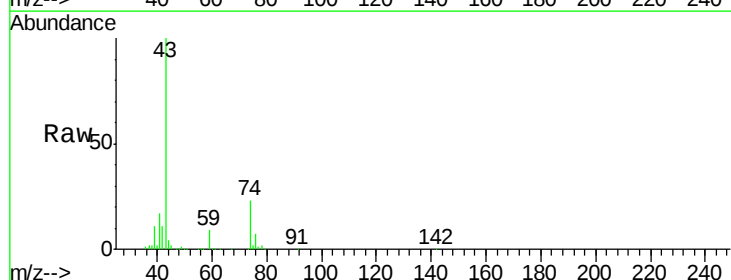
Acq: 18 Jun 2018 12:11

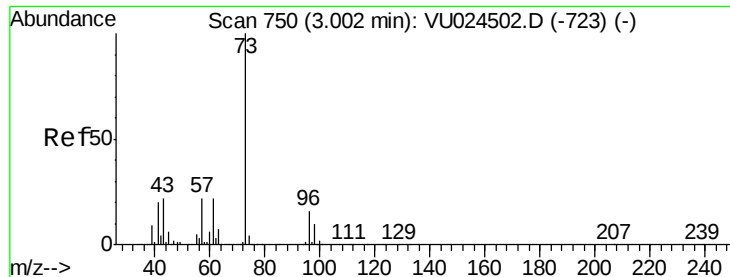
Tgt Ion: 43 Resp: 175910

Ion Ratio Lower Upper

43 100

74 23.8 18.0 27.0





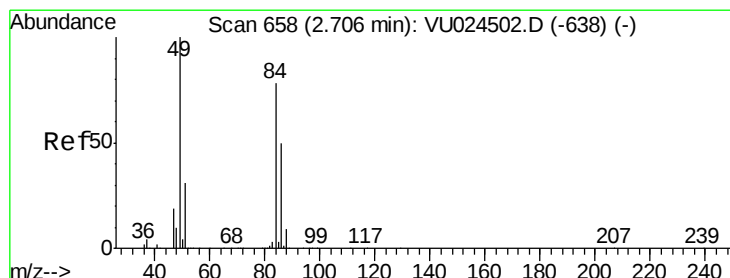
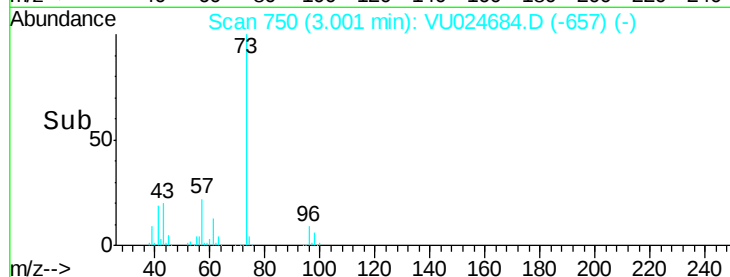
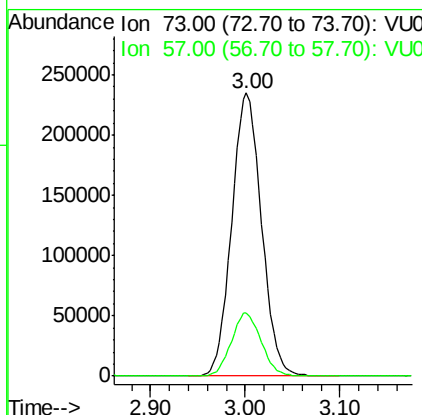
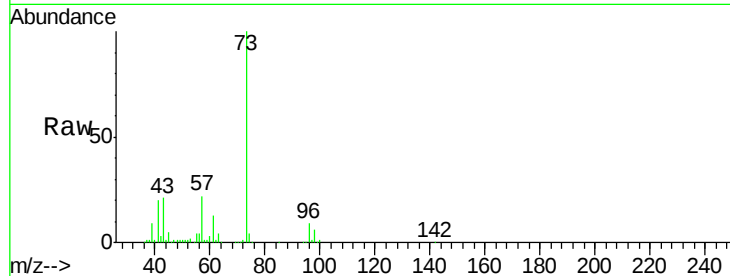
#19
Methvl tert-butvl Ether
Concen: 71.26 ug/l
RT: 3.00 min Scan# 750
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion: 73 Resp: 513119
Ion Ratio Lower Upper
73 100
57 22.2 18.8 28.2

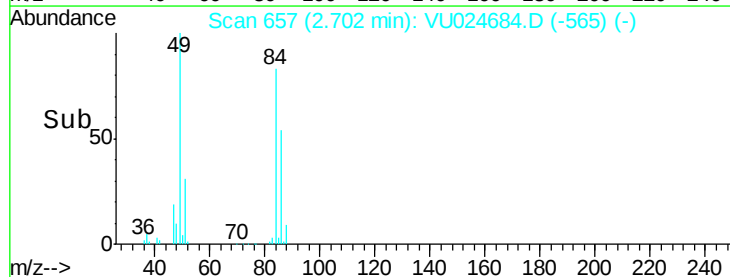
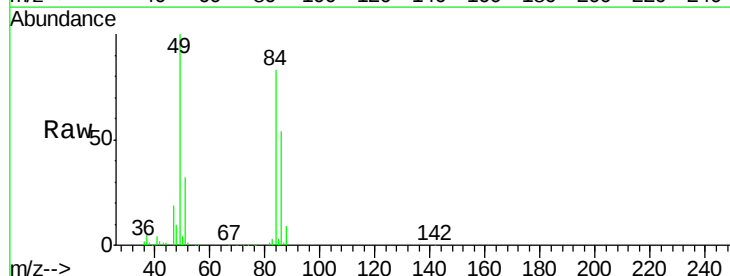
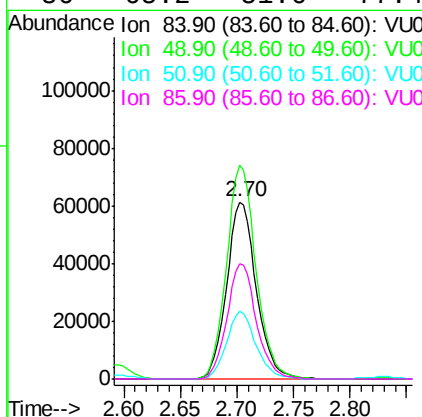
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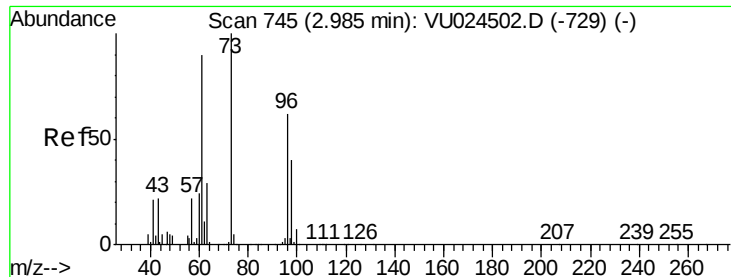
MMDadoda
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#20
Methylene Chloride
Concen: 48.33 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion: 84 Resp: 111908
Ion Ratio Lower Upper
84 100
49 120.7 103.8 155.8
51 38.1 32.0 48.0
86 65.2 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 47.15 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

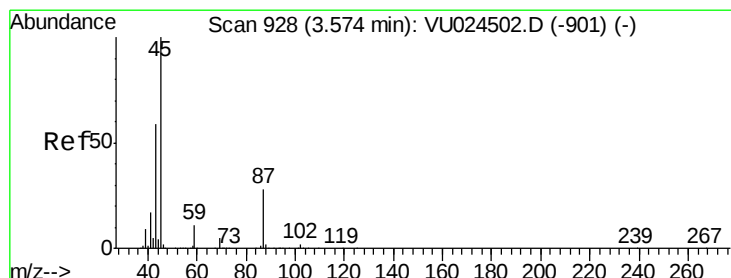
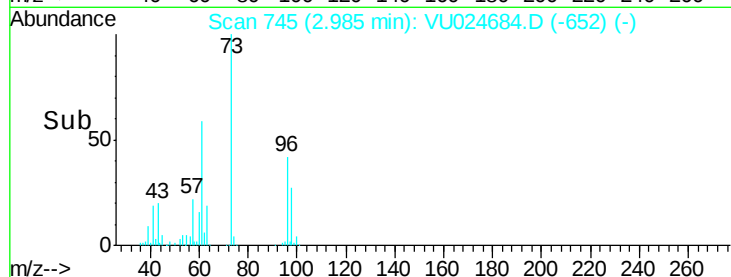
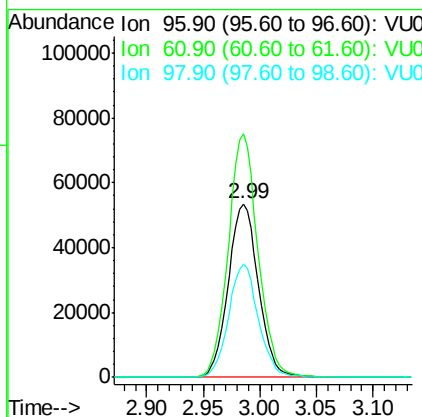
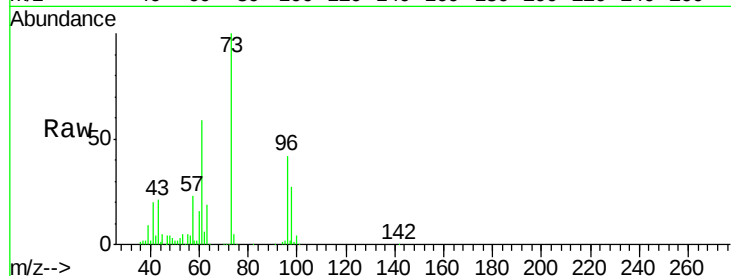
ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:	96	Resp:	99477
Ion Ratio	Lower	Upper	
96	100		
61	140.2	119.4	179.0
98	65.1	51.1	76.7

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#22

Diisopropyl ether

Concen: 50.48 ug/l

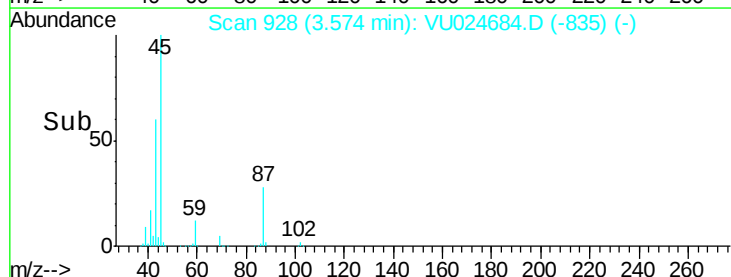
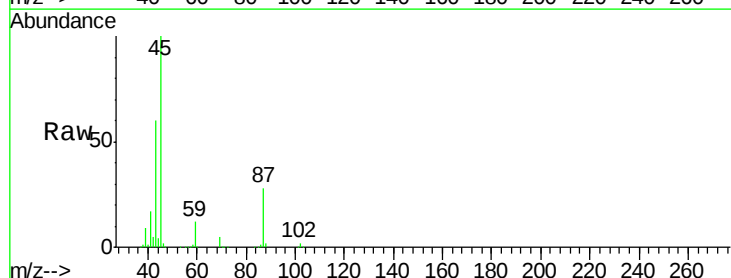
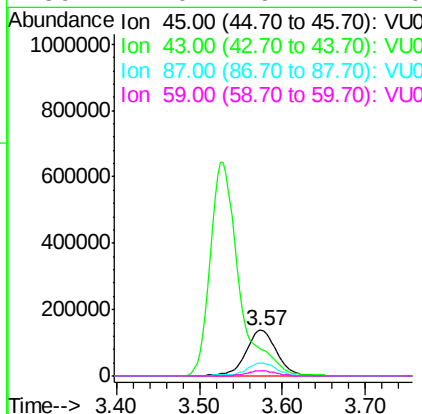
RT: 3.57 min Scan# 928

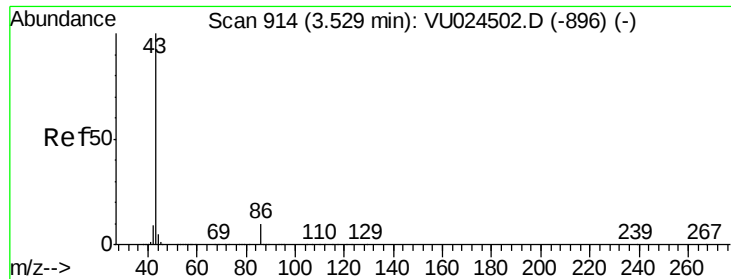
Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Tgt Ion:	45	Resp:	355930
Ion Ratio	Lower	Upper	
45	100		
43	58.6	45.8	68.6
87	27.6	20.6	31.0
59	12.0	9.4	14.0





#23

Vinyl Acetate

Concen: 247.29 ug/l

RT: 3.53 min Scan# 914

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion: 43 Resp: 1561794

Ion Ratio Lower Upper

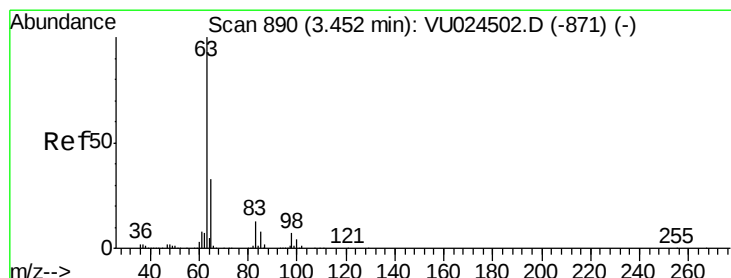
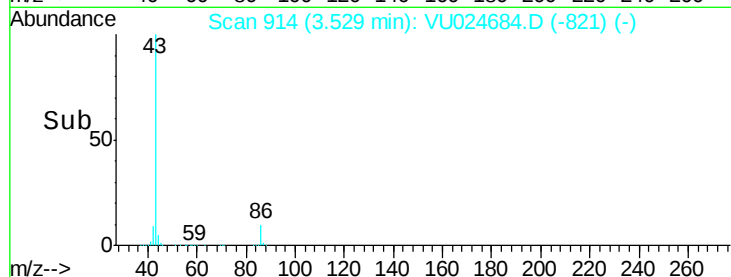
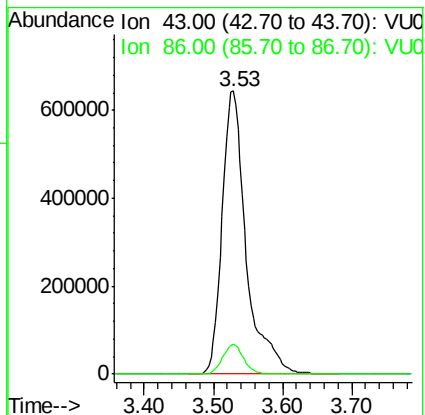
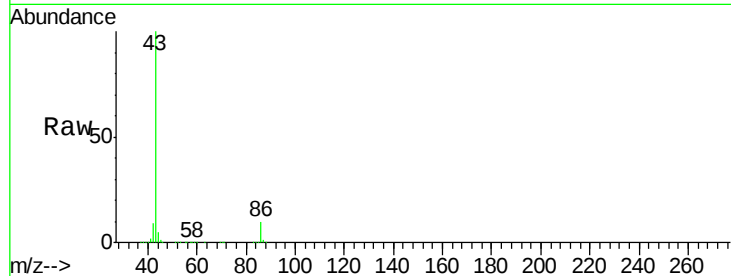
43 100

86 10.5 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 48.18 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

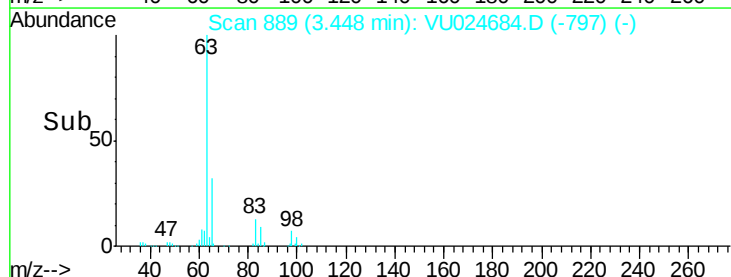
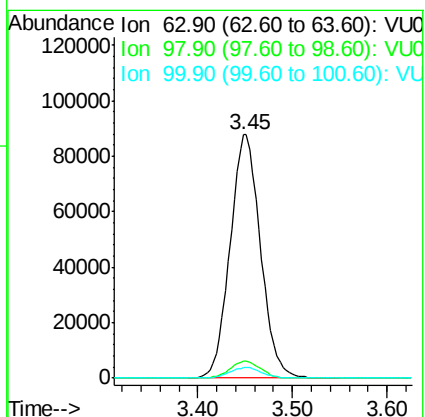
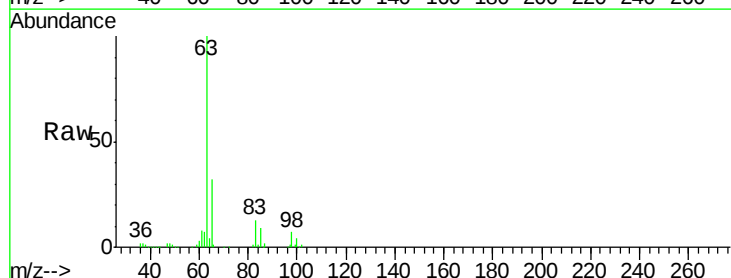
Tgt Ion: 63 Resp: 195414

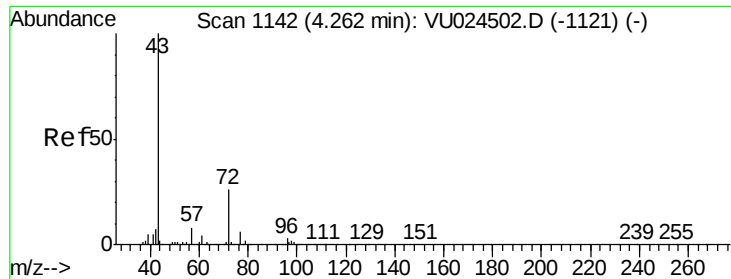
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.1 1.8 5.5





#25

2-Butanone

Concen: 275.19 ug/l

RT: 4.26 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion: 43 Resp: 545453

Ion Ratio Lower Upper

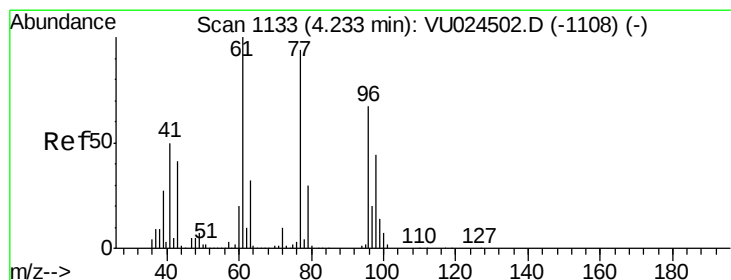
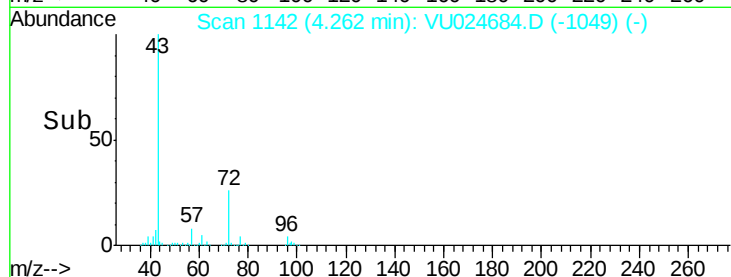
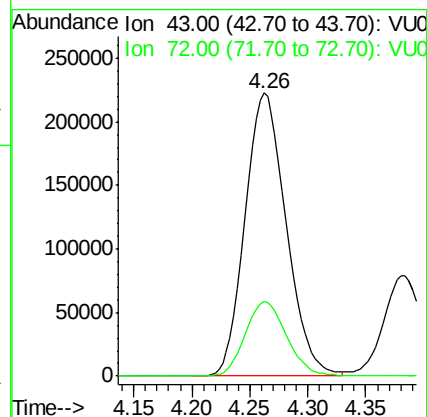
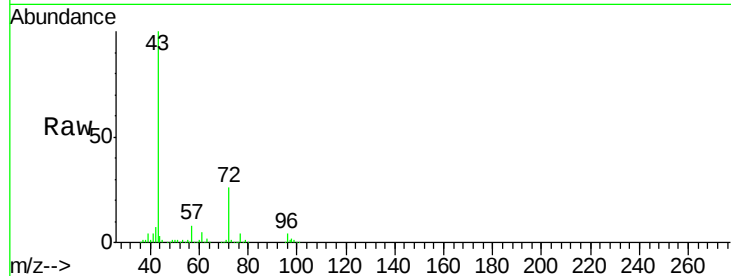
43 100

72 26.2 19.6 29.4

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 22.52 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU024684.D

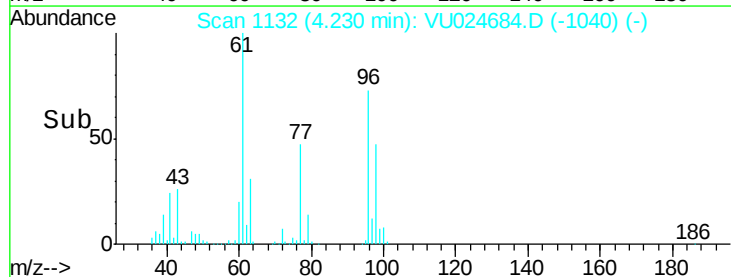
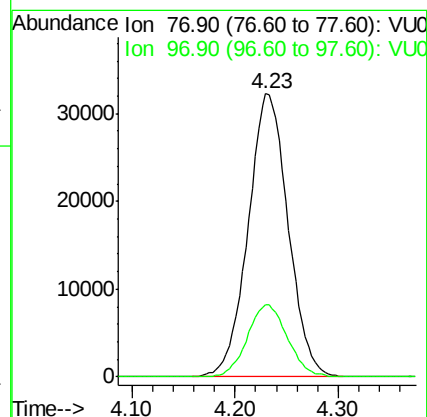
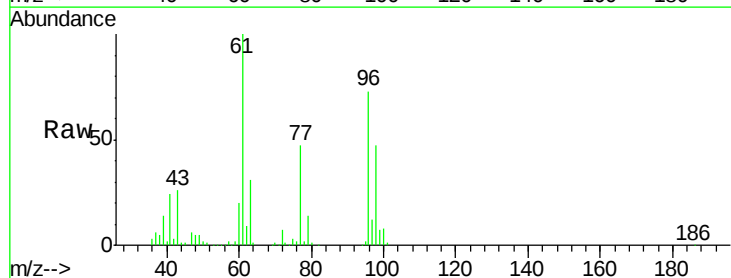
Acq: 18 Jun 2018 12:11

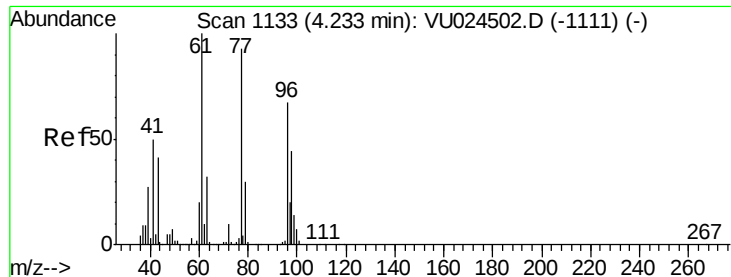
Tgt Ion: 77 Resp: 86725

Ion Ratio Lower Upper

77 100

97 25.5 11.3 33.8





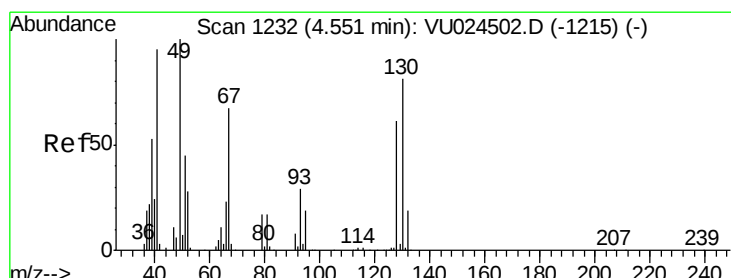
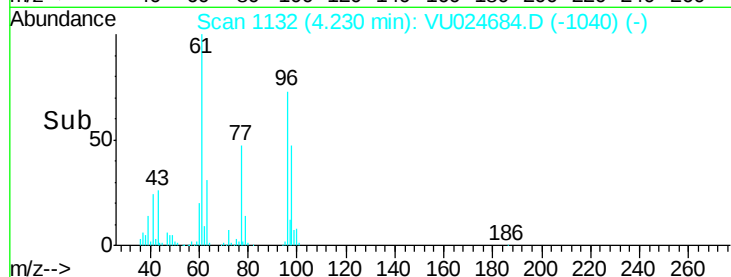
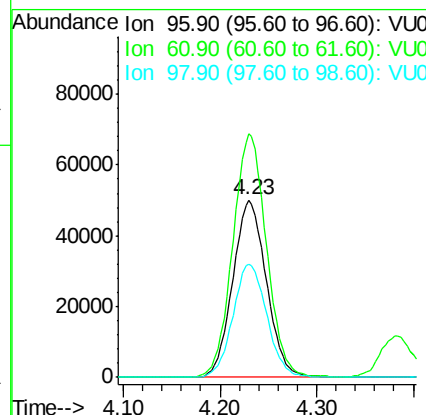
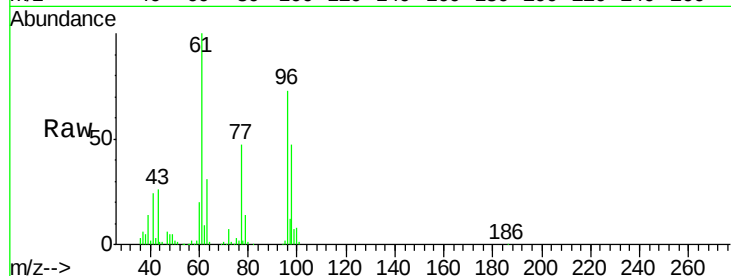
#27
 cis-1,2-Dichloroethene
 Concen: 49.84 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.8	0.0	306.6
98	64.4	0.0	128.8

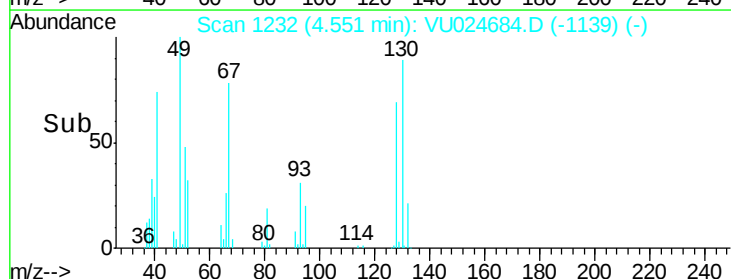
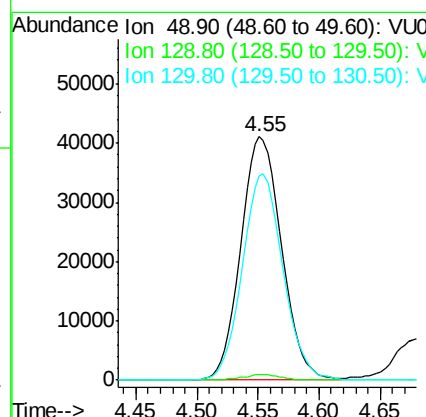
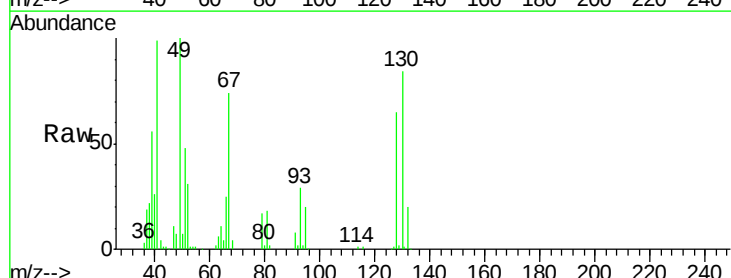
Manual Integrations
 APPROVED

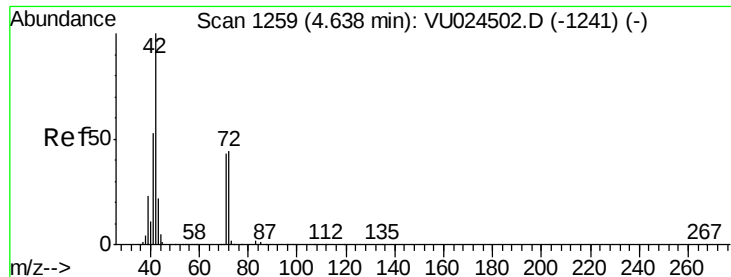
MMDadoda
 6/19/2018 1:54:59 PM



#28
 Bromochloromethane
 Concen: 53.21 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	84.4	57.8	86.6





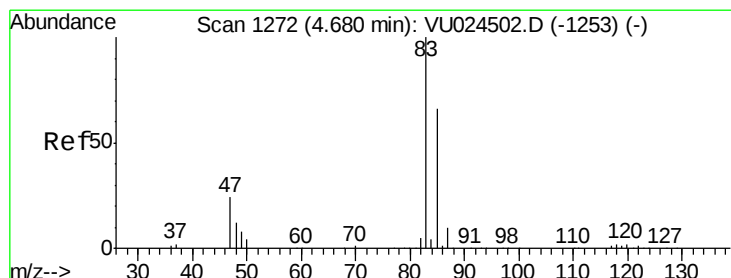
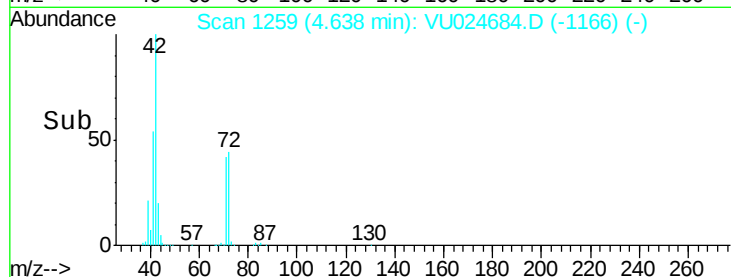
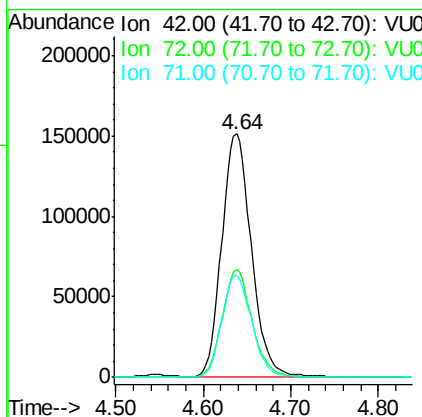
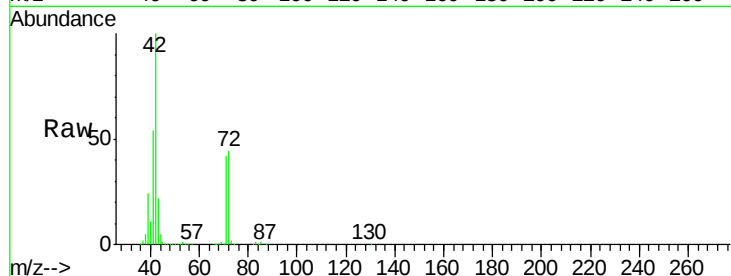
#29
Tetrahydrofuran
Concen: 289.82 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.5	51.7
71	42.3	32.2	48.4

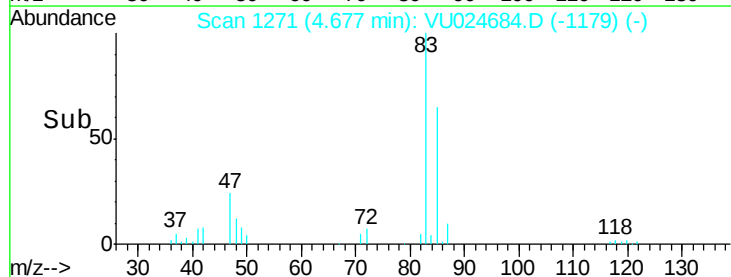
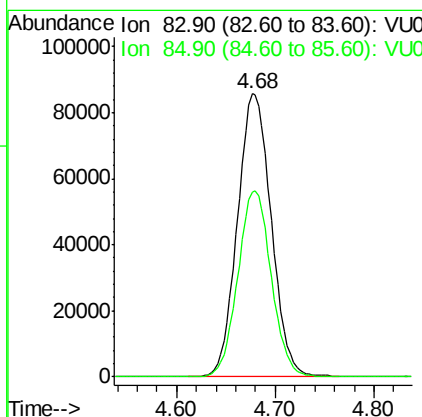
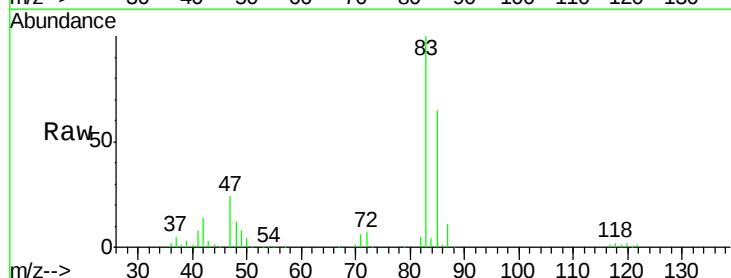
Manual Integrations
APPROVED

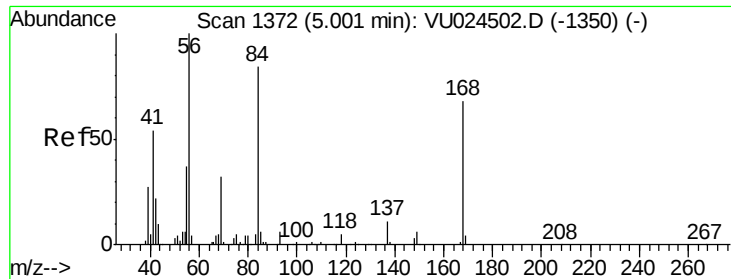
MMDadoda
6/19/2018 1:54:59 PM



#30
Chloroform
Concen: 49.43 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.4	78.6





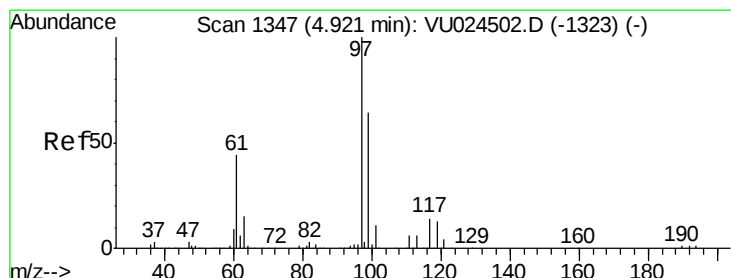
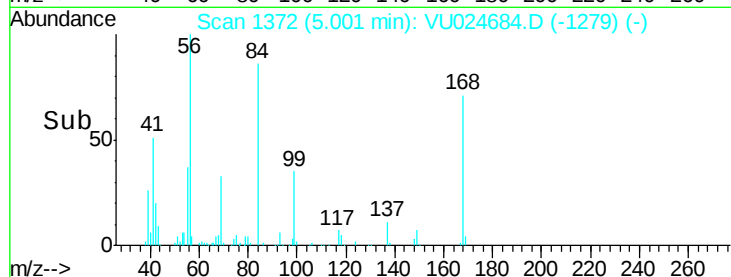
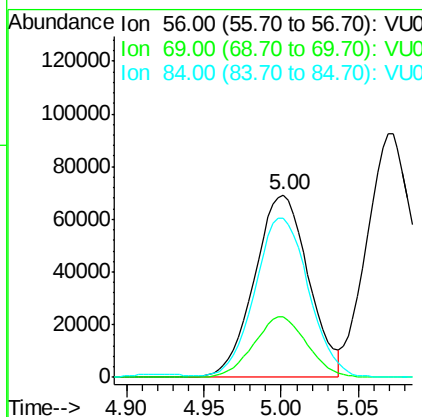
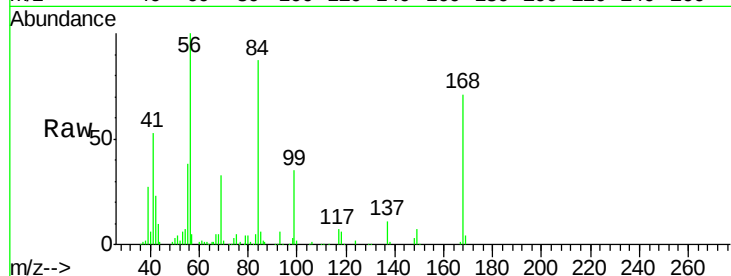
#31
Cyclohexane
Concen: 46.61 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	24.8	37.2
84	86.4	65.2	97.8

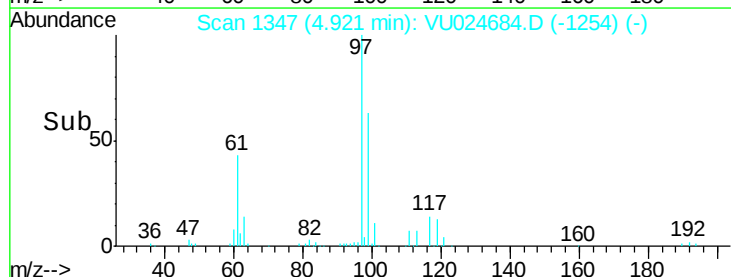
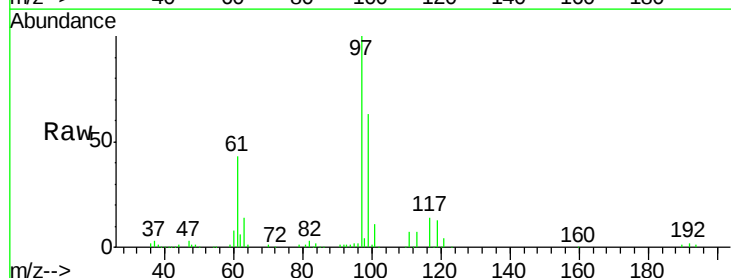
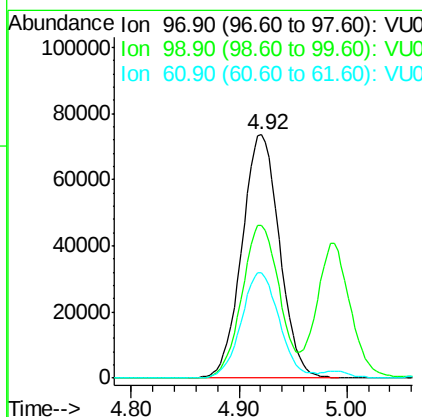
Manual Integrations
APPROVED

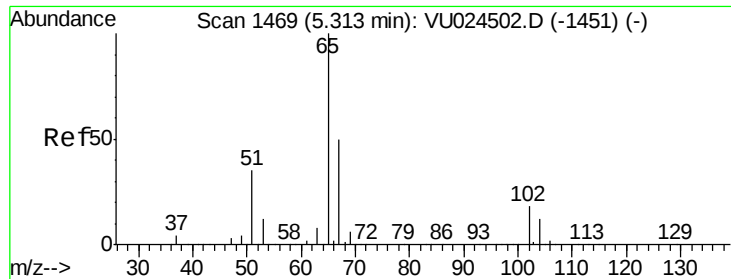
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 46.93 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.0	76.6
61	43.8	39.4	59.0





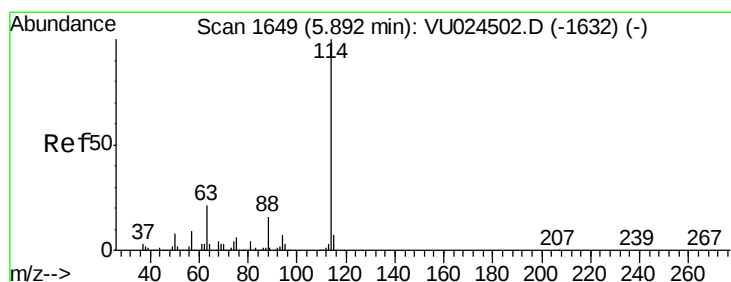
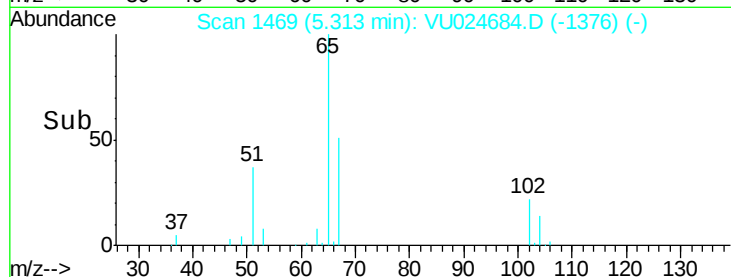
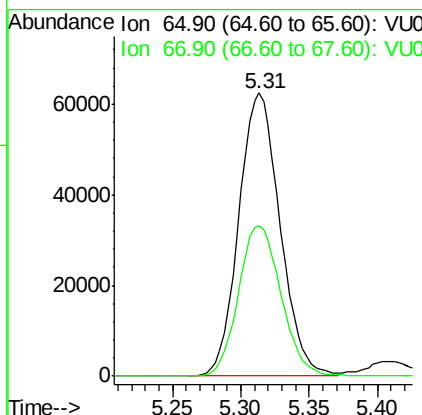
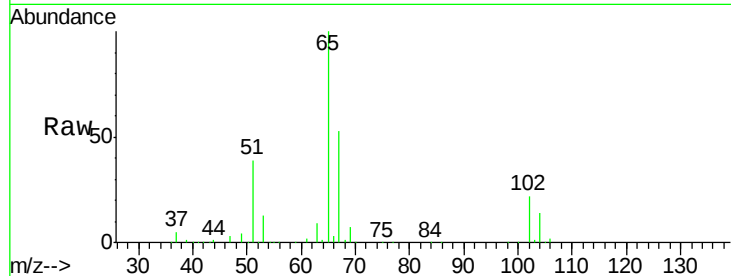
#33
 1,2-Dichloroethane-d4
 Concen: 47.75 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	131126		
67	55.1	0.0	107.0	

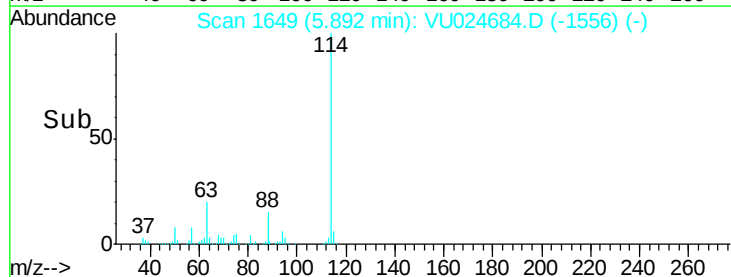
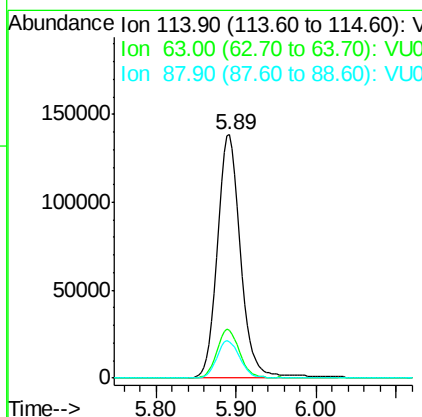
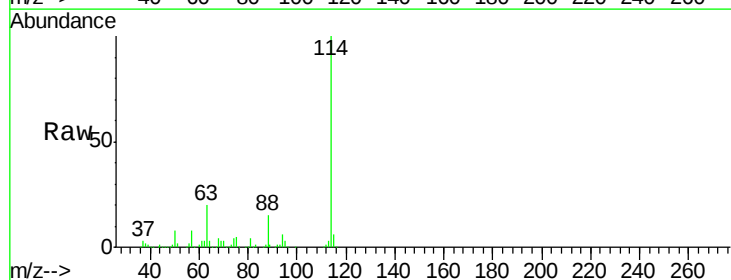
Manual Integrations
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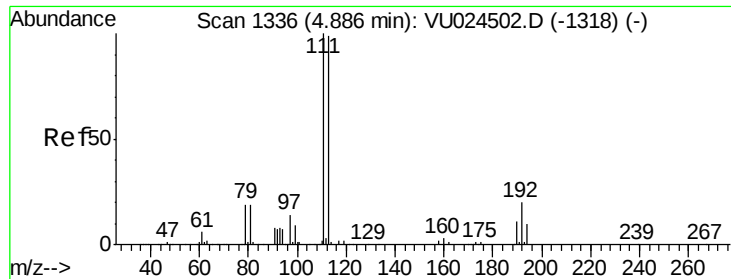
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	280354		
63	19.5	0.0	45.4	
88	15.0	0.0	31.0	





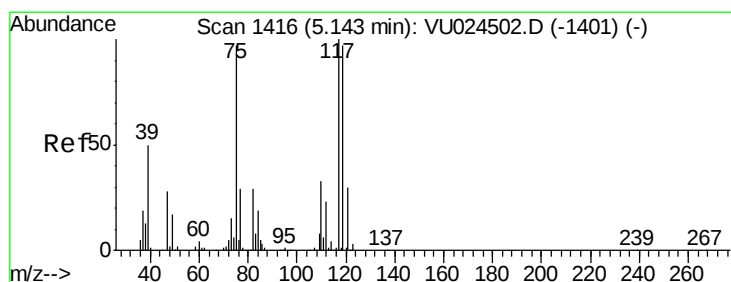
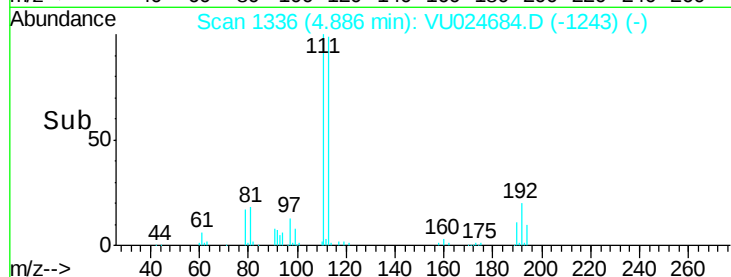
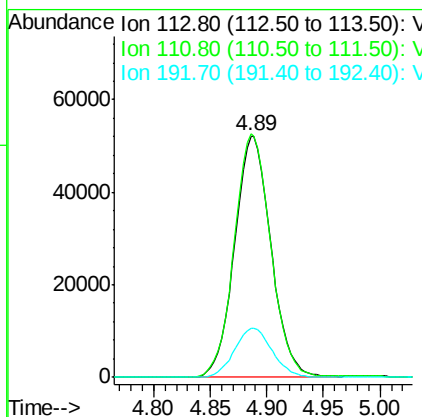
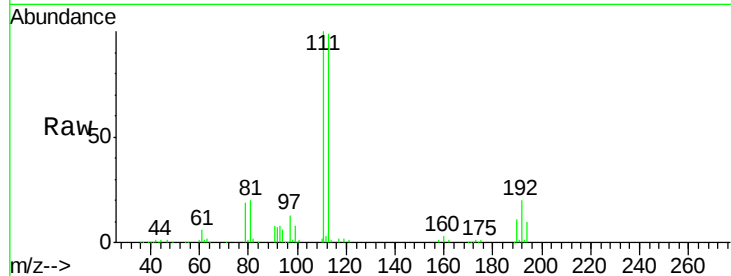
#35
 Dibromofluoromethane
 Concen: 50.26 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	116944		
111	100.9	82.2	123.4	
192	20.9	16.2	24.4	

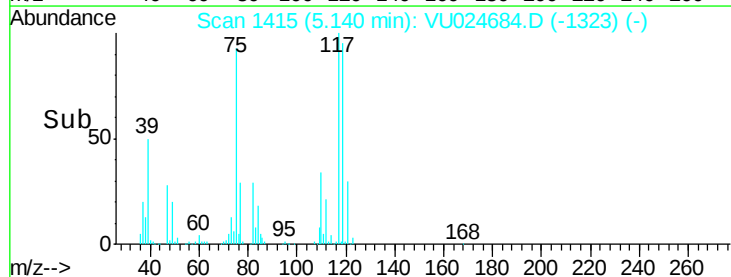
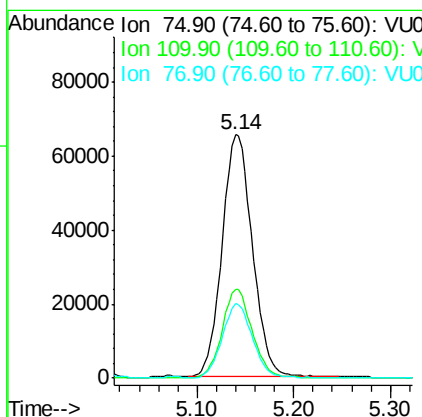
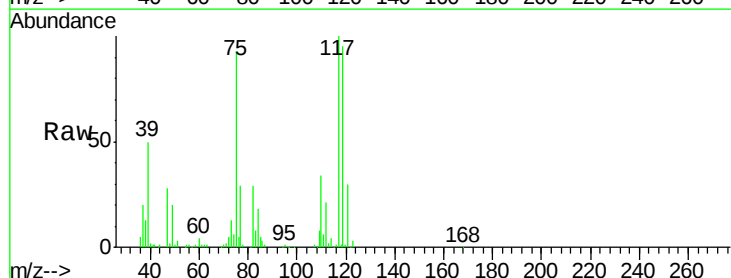
Manual Integrations
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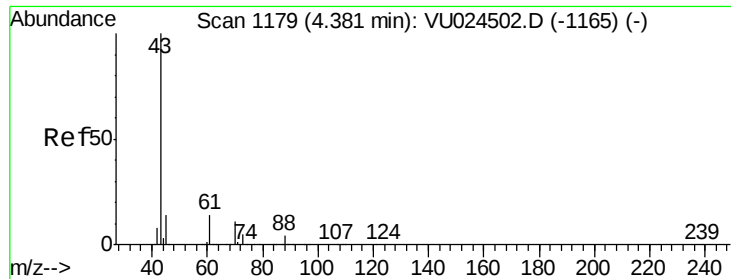
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 6/19/2018 1:54:59 PM



#36
 1,1-Dichloropropene
 Concen: 43.24 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142450		
110	36.5	17.0	50.9	
77	30.2	24.2	36.4	





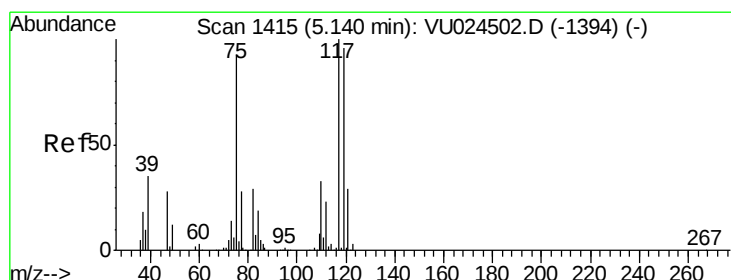
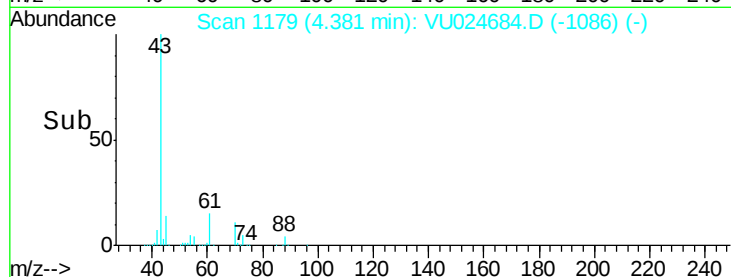
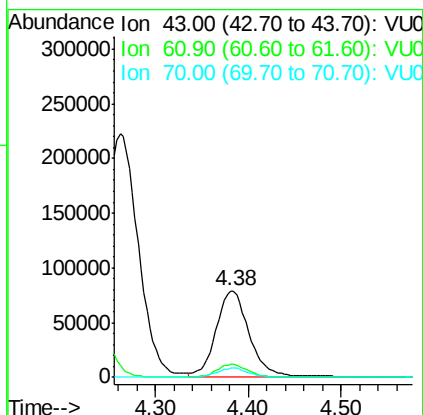
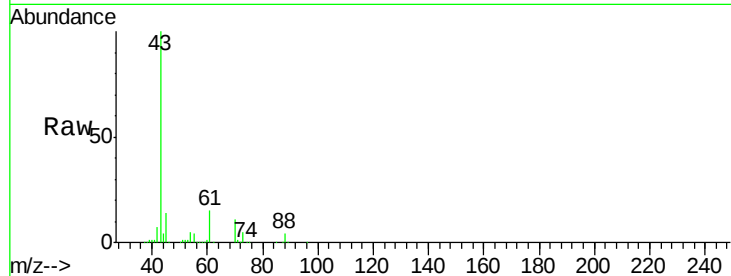
#37
Ethyl Acetate
Concen: 53.43 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.5	15.7
70	10.6	7.4	11.2

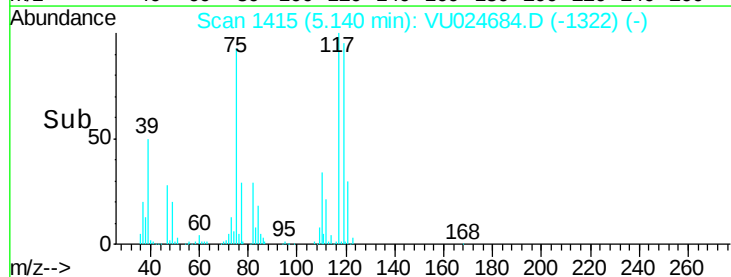
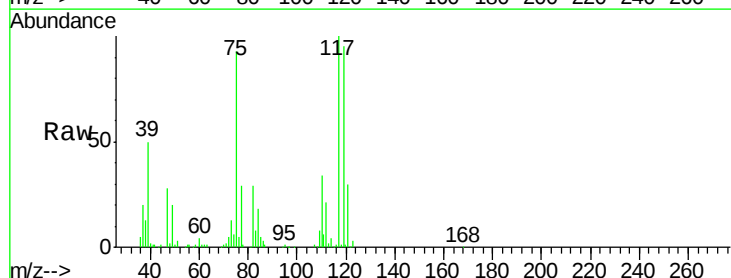
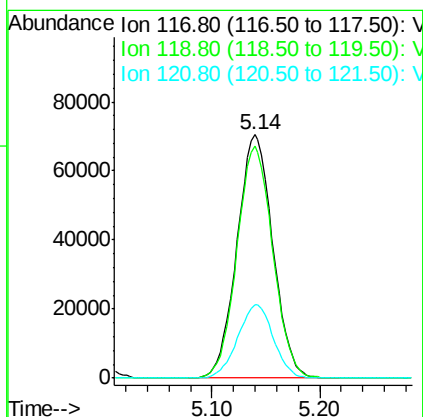
Manual Integrations
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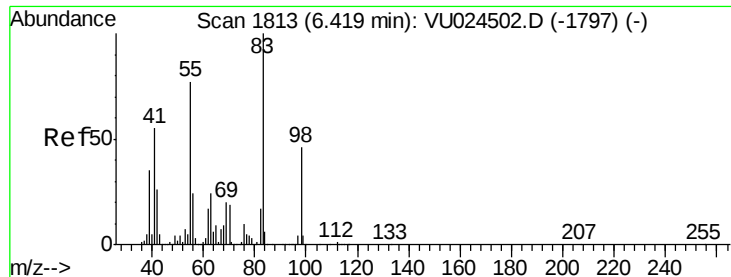
MMDadoda
6/19/2018 1:54:59 PM



#38
Carbon Tetrachloride
Concen: 44.90 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.1	114.1
121	30.0	23.7	35.5





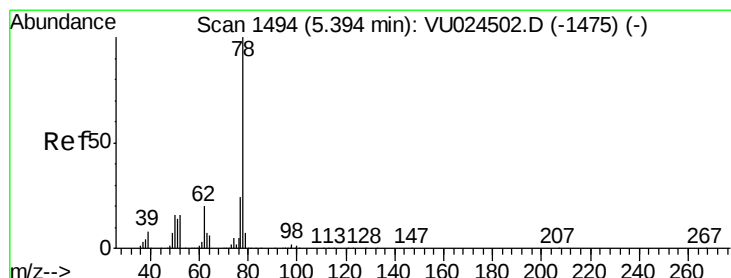
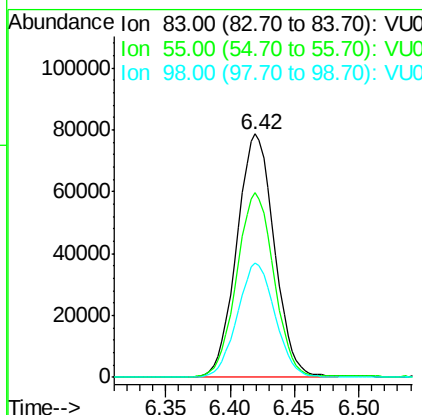
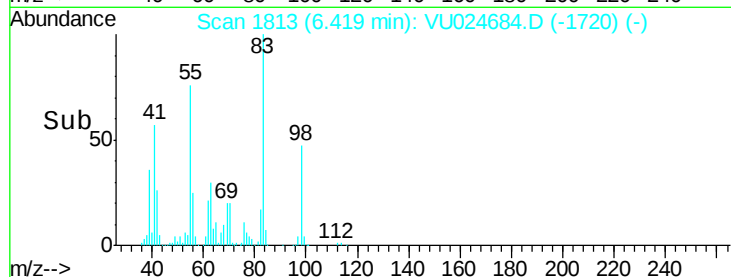
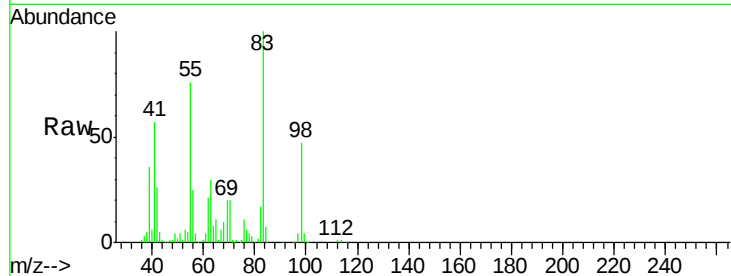
#39
Methvlcvclohexane
Concen: 38.89 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.5	65.8	98.6
98	47.0	36.7	55.1

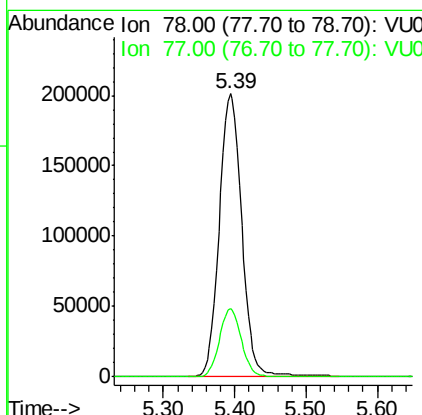
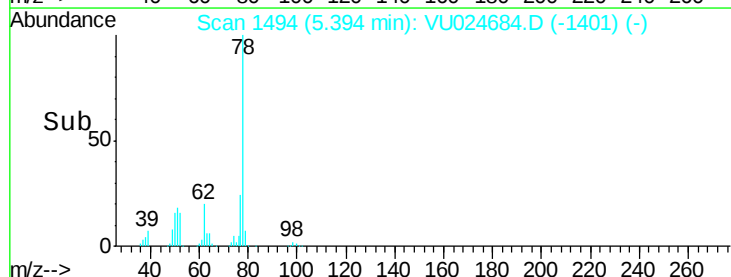
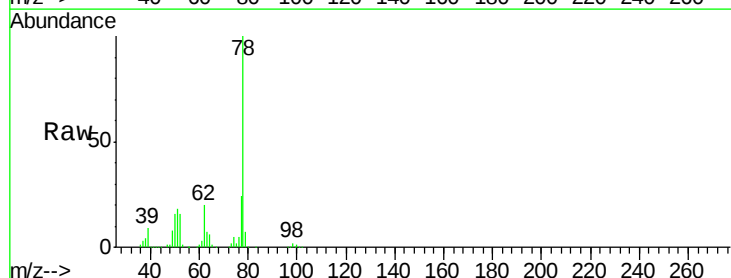
Manual Integrations
APPROVED

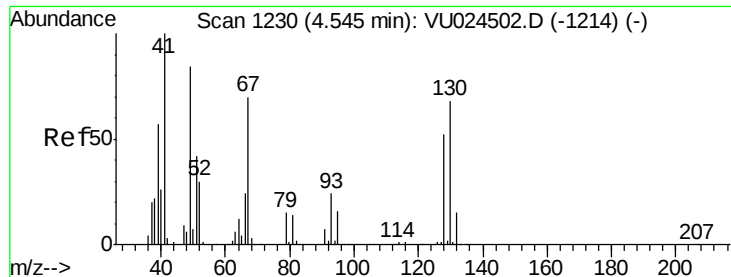
MMDadoda
6/19/2018 1:54:59 PM



#40
Benzene
Concen: 47.09 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





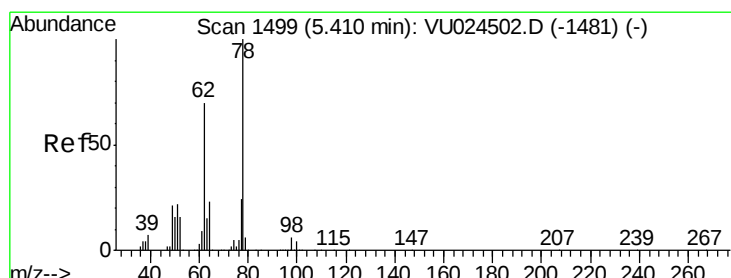
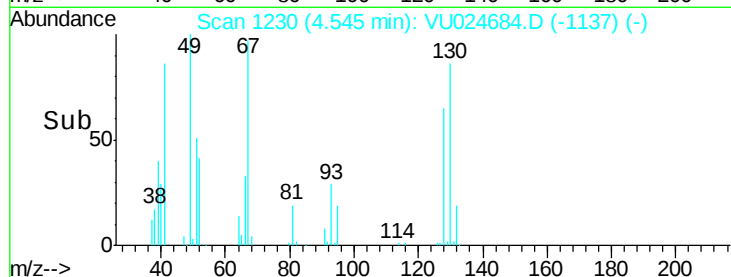
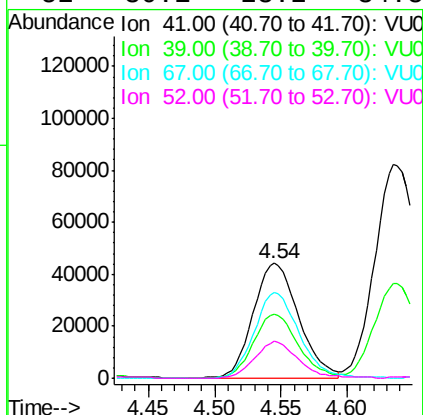
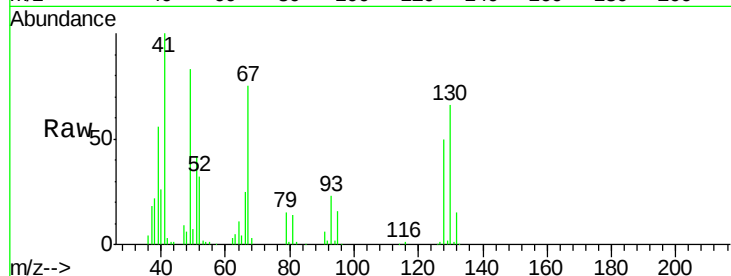
#41
Methacrylonitrile
Concen: 53.86 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		104269		
39	54.8	43.8	65.6		
67	75.1	56.3	84.5		
52	30.1	23.2	34.8		

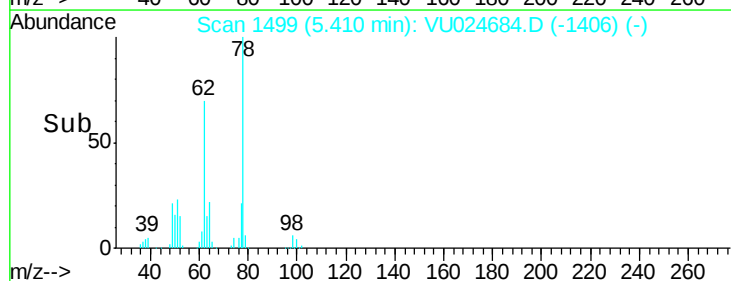
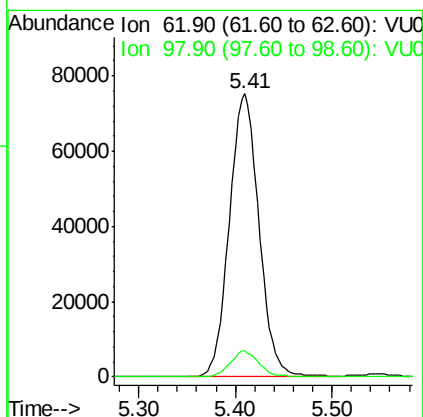
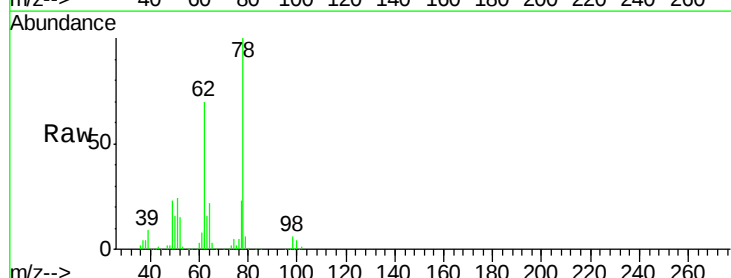
Manual Integrations
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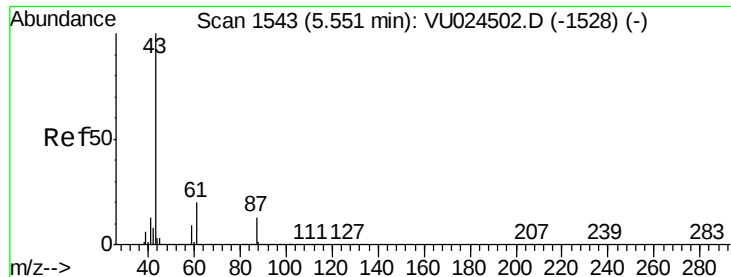
MMDadoda
6/19/2018 1:54:59 PM



#42
1,2-Dichloroethane
Concen: 44.81 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		160200		
98	8.9	0.0	16.6		





#43

Isopropyl Acetate

Concen: 48.78 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

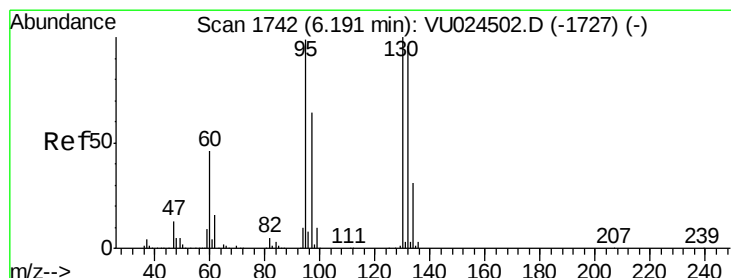
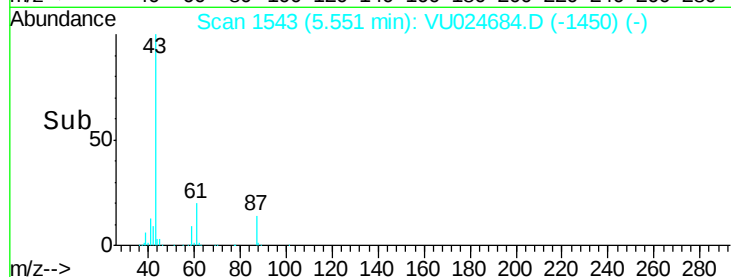
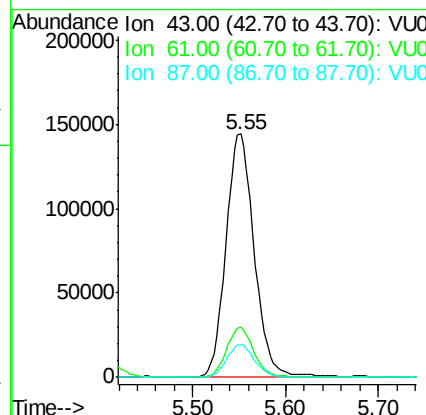
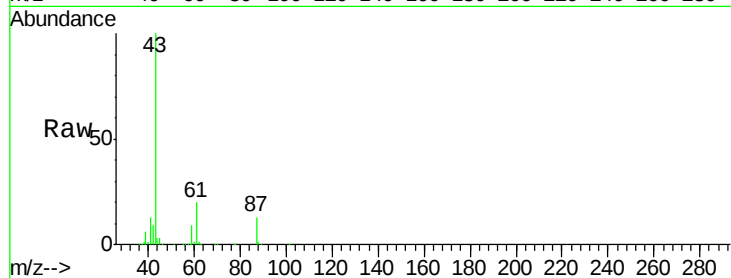
ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:	43	Resp:	302761
Ion	Ratio	Lower	Upper
43	100		
61	19.9	15.4	23.0
87	13.5	10.0	15.0

Manual Integrations
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6/19/2018 1:54:59 PM



#44

Trichloroethene

Concen: 43.57 ug/l

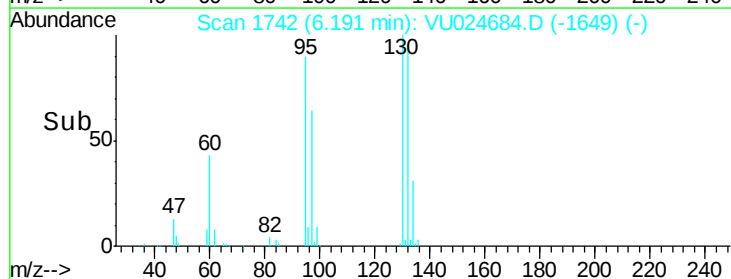
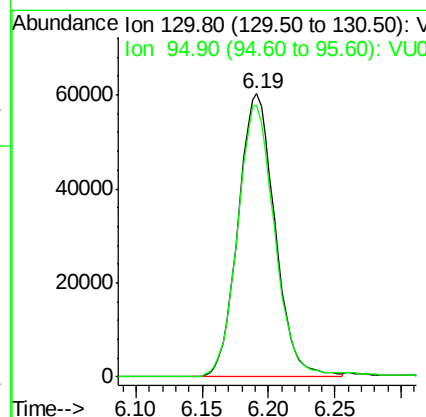
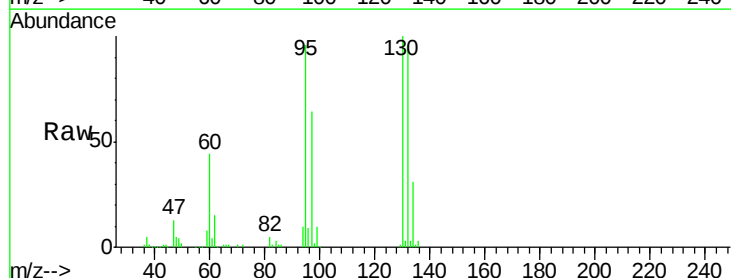
RT: 6.19 min Scan# 1742

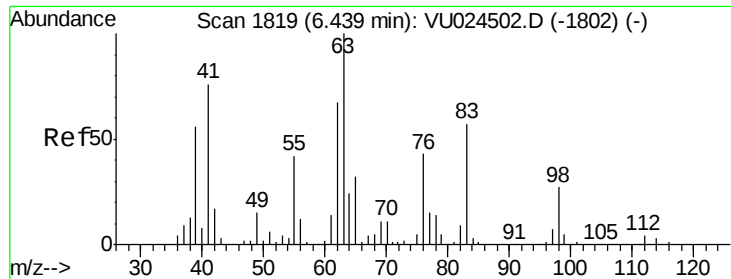
Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Tgt Ion:	130	Resp:	116412
Ion	Ratio	Lower	Upper
130	100		
95	96.3	0.0	202.4





#45

1,2-Dichloropropane

Concen: 48.67 ug/l

RT: 6.44 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion: 63 Resp: 121911

Ion Ratio Lower Upper

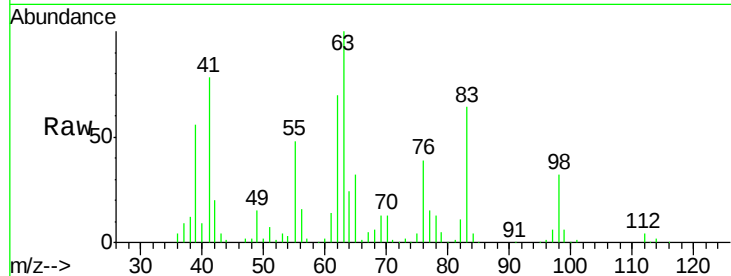
63 100

65 32.3 24.8 37.2

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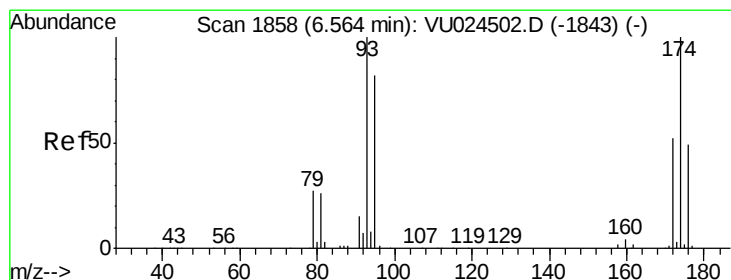
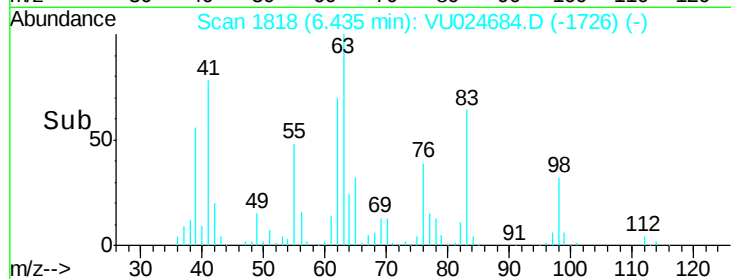
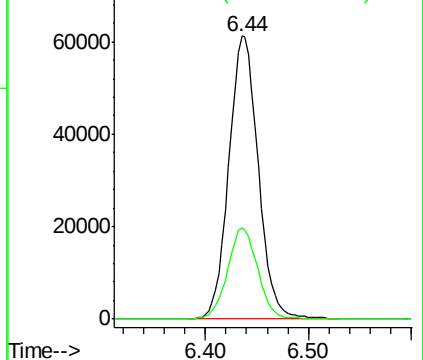
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 64.90 (64.60 to 65.60): VU0



#46

Dibromomethane

Concen: 47.90 ug/l

RT: 6.56 min Scan# 1858

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

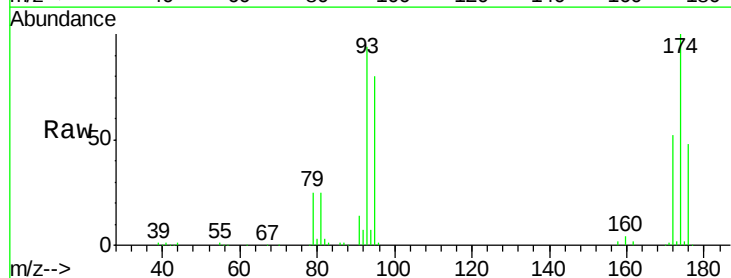
Tgt Ion: 93 Resp: 84274

Ion Ratio Lower Upper

93 100

95 85.6 65.5 98.3

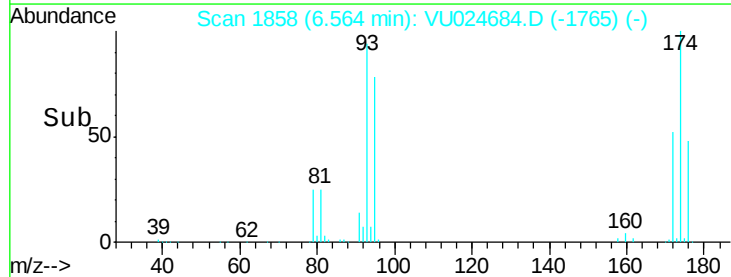
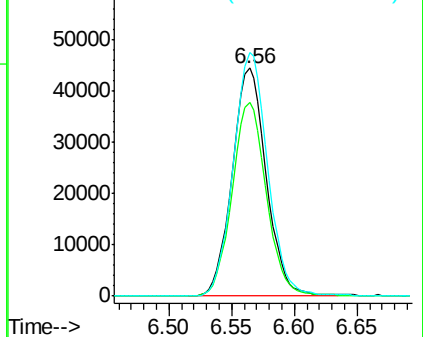
174 107.6 78.7 118.1

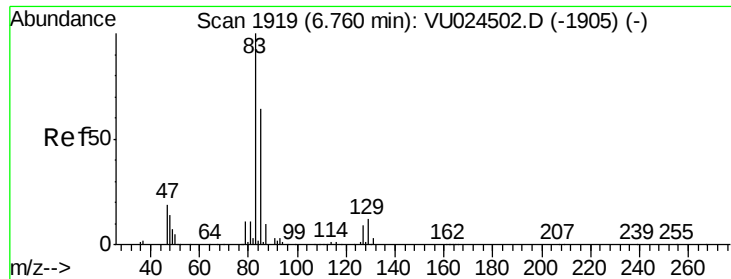


Abundance Ion 92.80 (92.50 to 93.50): VU0

Ion 94.80 (94.50 to 95.50): VU0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.79 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

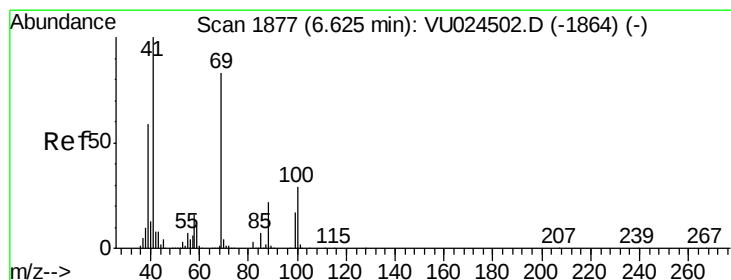
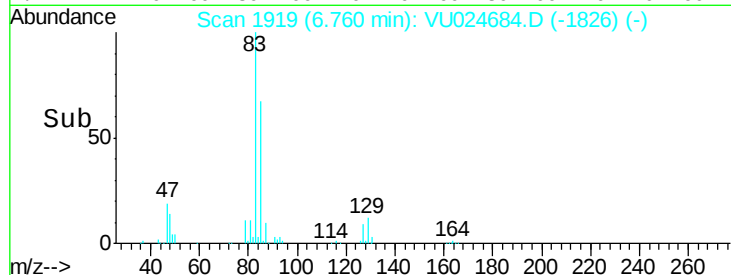
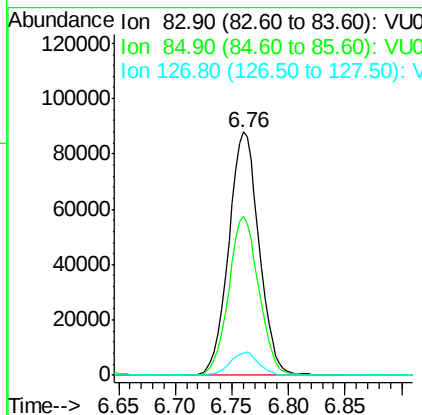
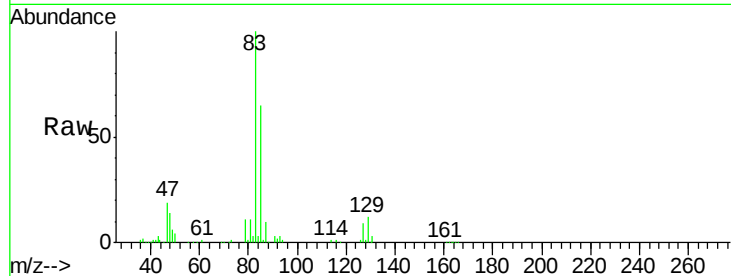
ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:	83	Resp:	163905
Ion Ratio	Lower	Upper	
83	100		
85	65.5	51.9	77.9
127	9.2	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.79 ug/l

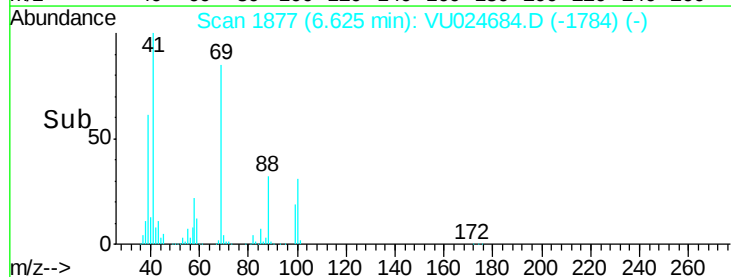
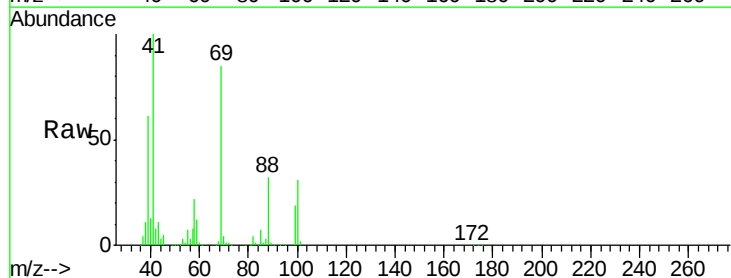
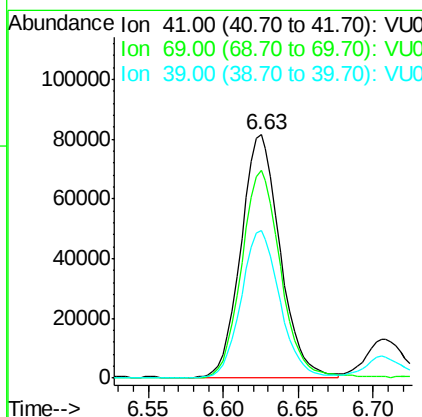
RT: 6.63 min Scan# 1877

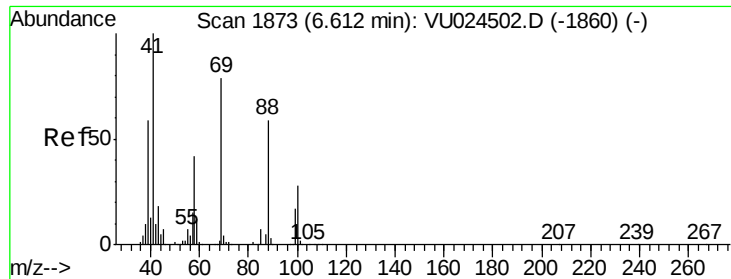
Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Tgt Ion:	41	Resp:	147462
Ion Ratio	Lower	Upper	
41	100		
69	86.4	67.3	100.9
39	59.8	46.5	69.7





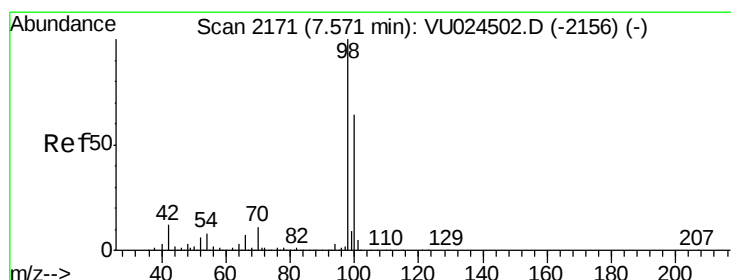
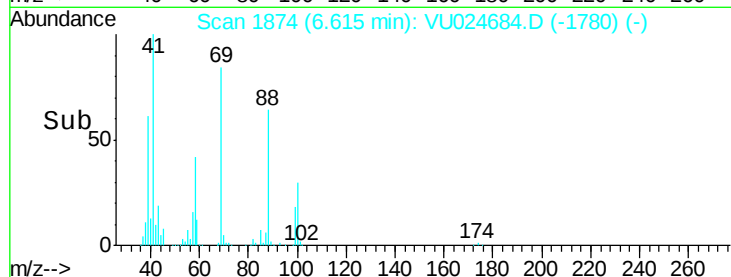
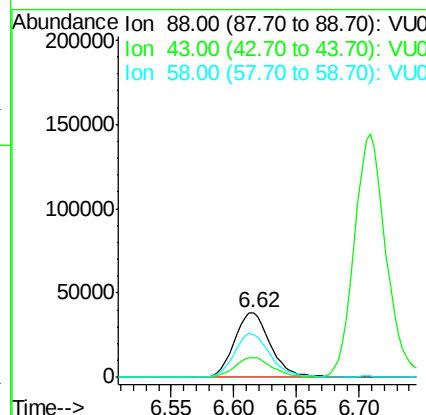
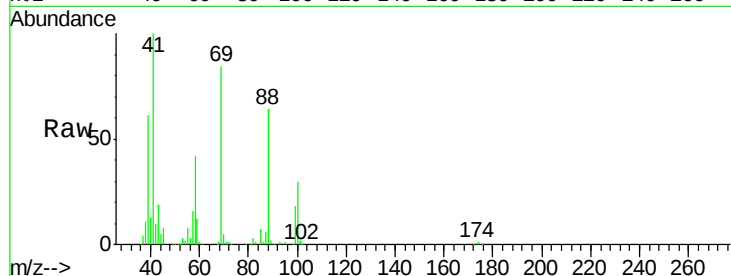
#49
1,4-Dioxane
Concen: 1266.08 ug/l
RT: 6.62 min Scan# 1874
Delta R.T. 0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.7	28.6	42.8
58	68.8	58.2	87.4

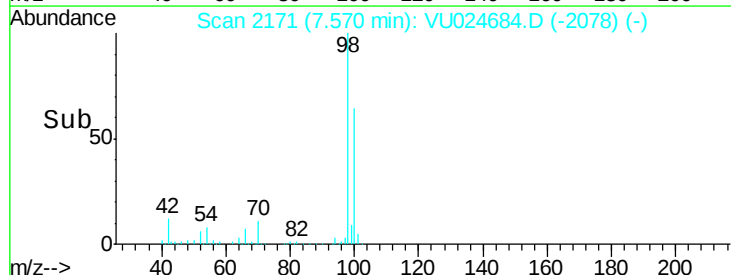
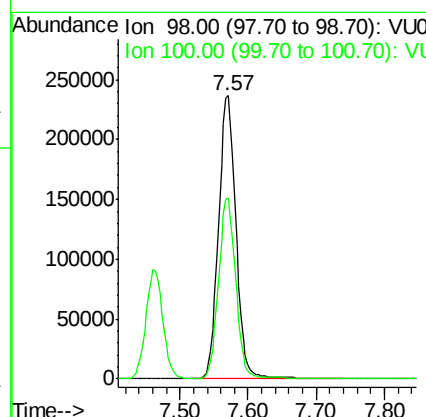
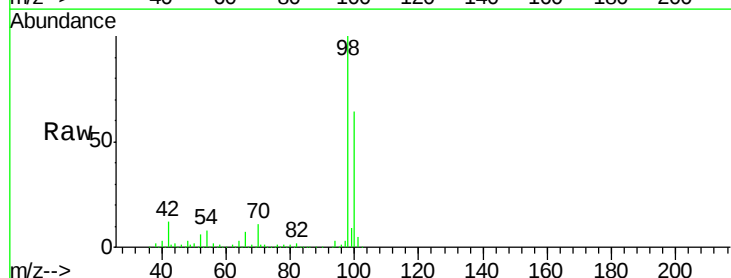
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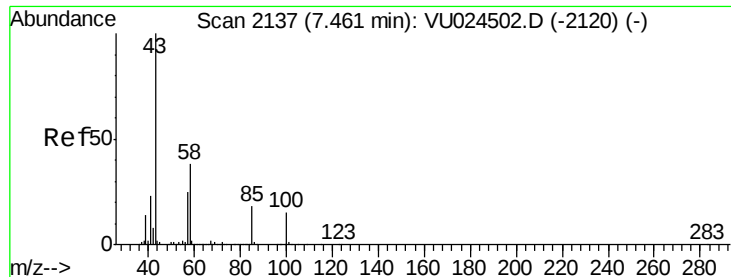
MMDadoda
6/19/2018 1:54:59 PM



#50
Toluene-d8
Concen: 49.67 ug/l
RT: 7.57 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.6	51.1	76.7





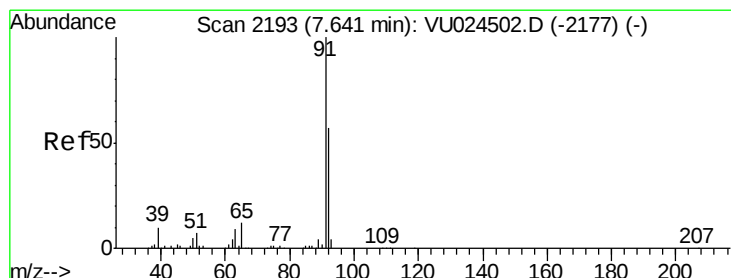
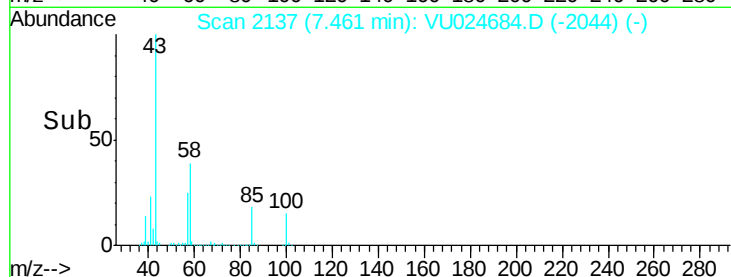
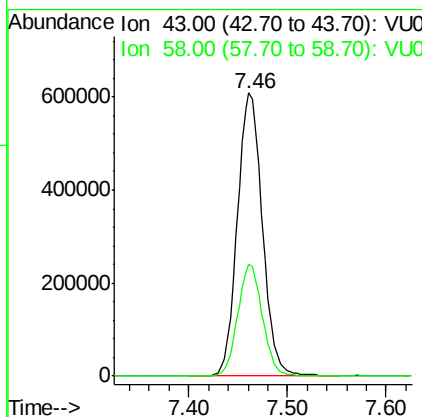
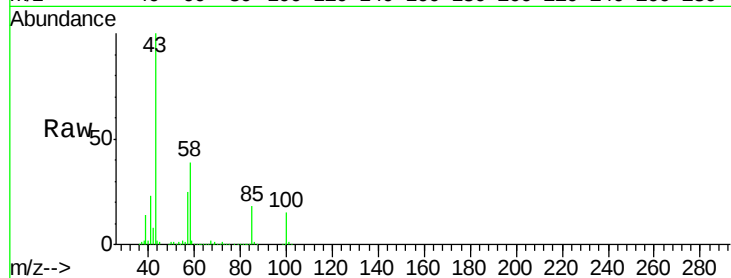
#51
4-Methyl-2-Pentanone
Concen: 273.97 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion: 43 Resp: 1068293
Ion Ratio Lower Upper
43 100
58 38.8 30.0 45.0

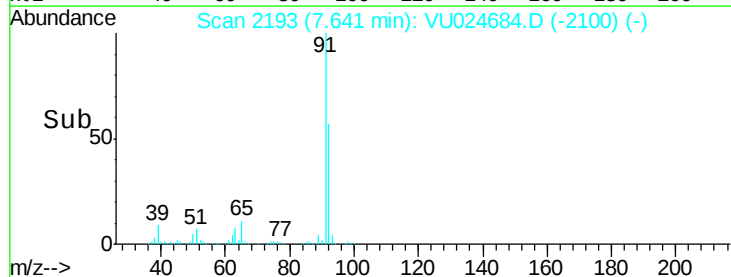
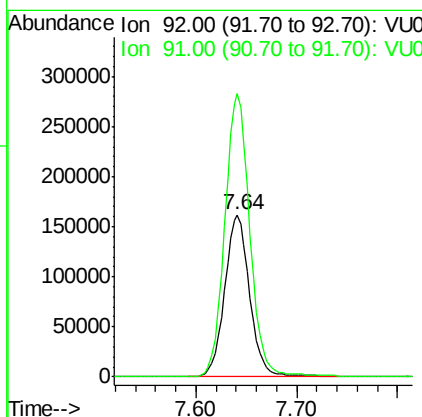
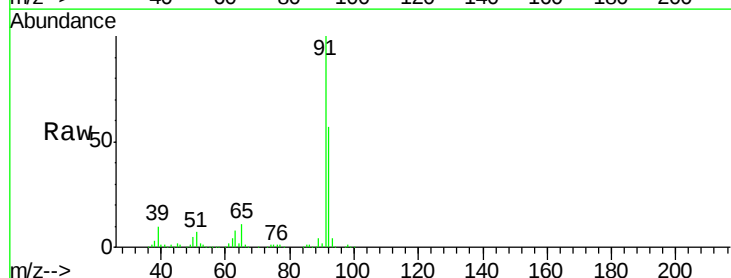
Manual Integrations
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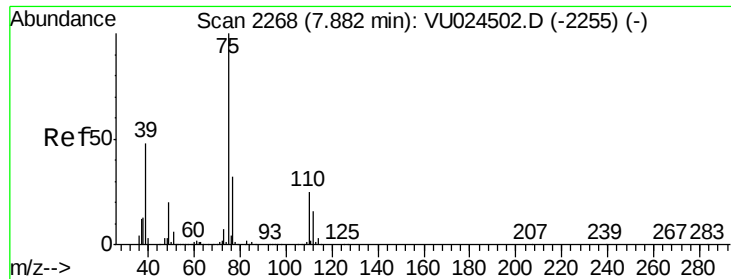
MMDadoda
6/19/2018 1:54:59 PM



#52
Toluene
Concen: 46.27 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion: 92 Resp: 279467
Ion Ratio Lower Upper
92 100
91 176.3 140.5 210.7





#53

t-1,3-Dichloropropene

Concen: 41.30 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion: 75 Resp: 162484

Ion Ratio Lower Upper

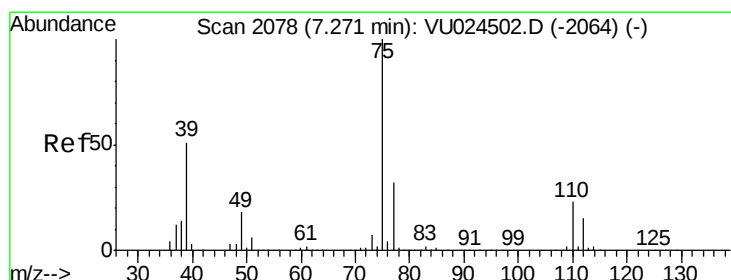
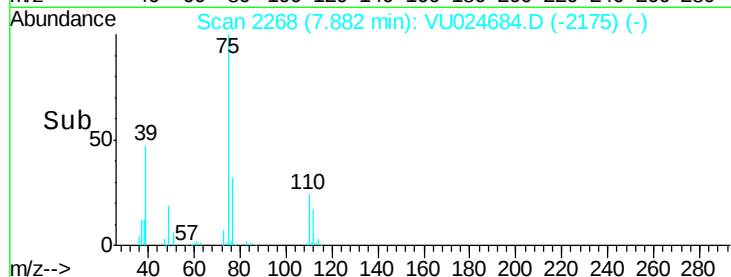
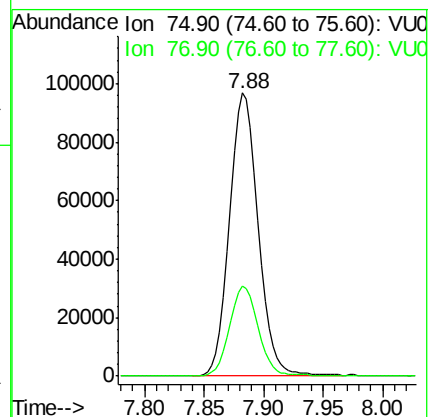
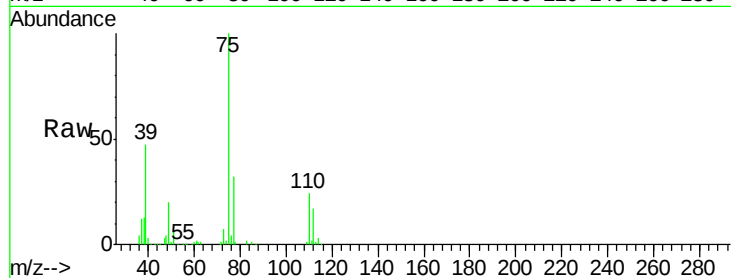
75 100

77 31.7 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 41.10 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

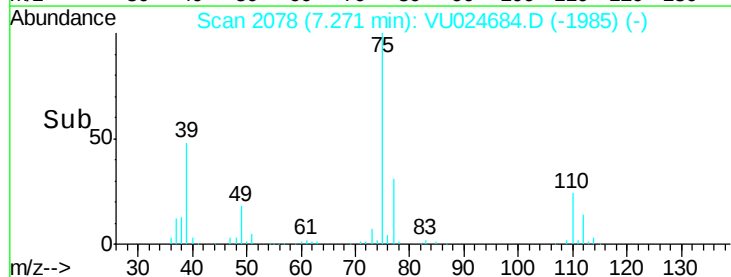
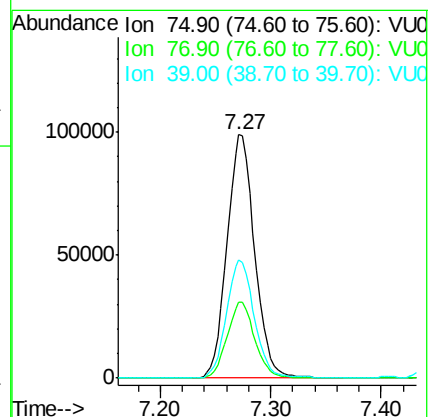
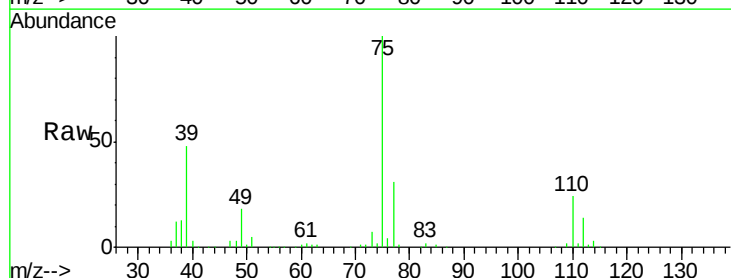
Tgt Ion: 75 Resp: 172318

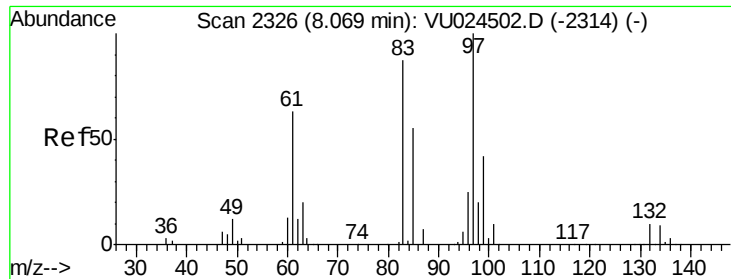
Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 48.4 39.8 59.6





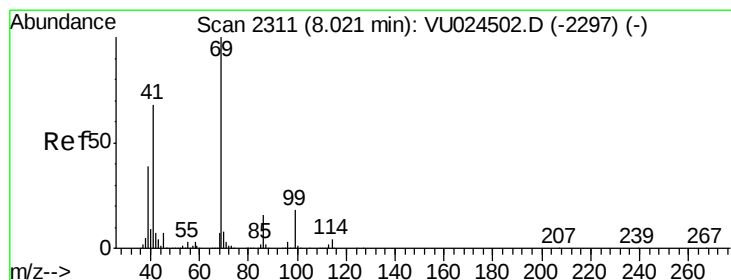
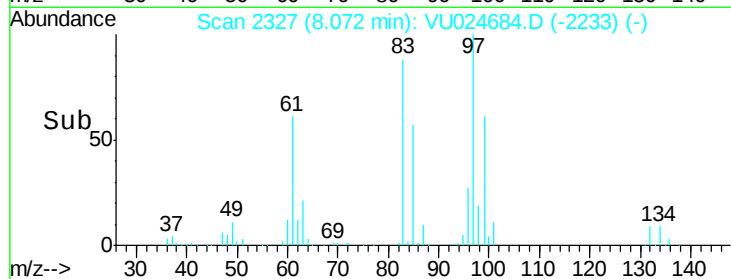
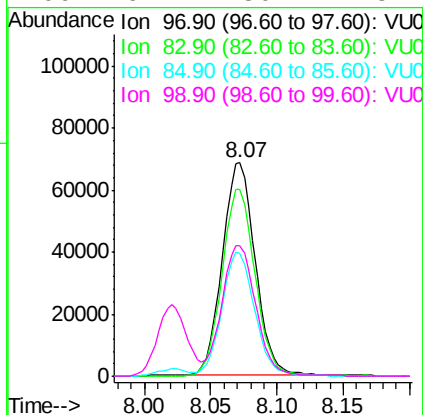
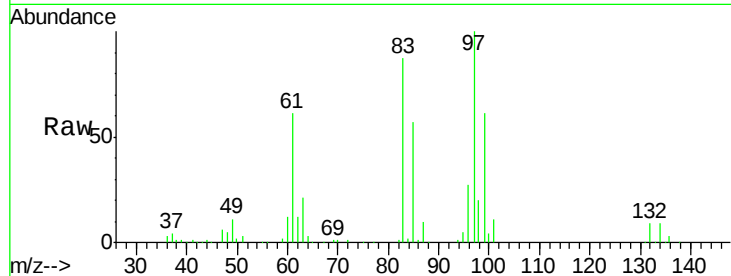
#55
 1,1,2-Trichloroethane
 Concen: 48.32 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		118632		
83	87.3	70.5	105.7		
85	57.2	46.4	69.6		
99	61.1	50.2	75.2		

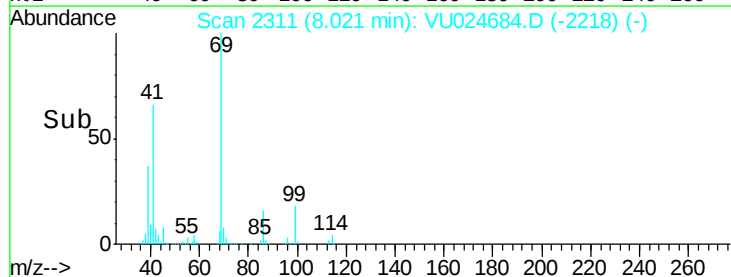
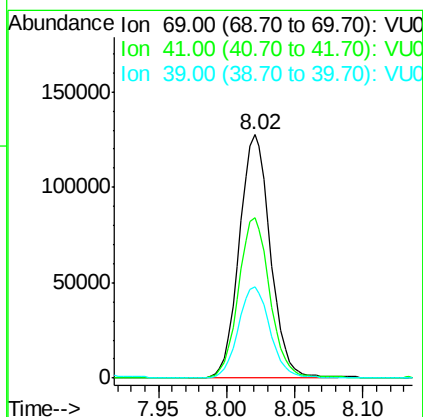
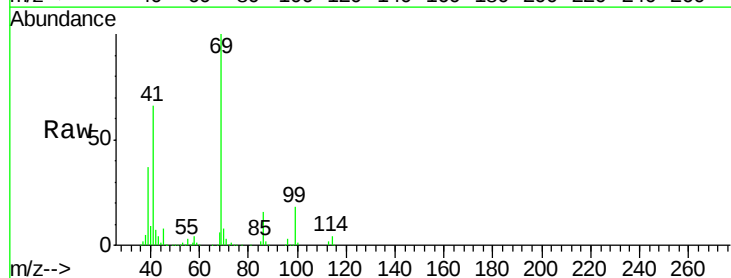
Manual Integrations
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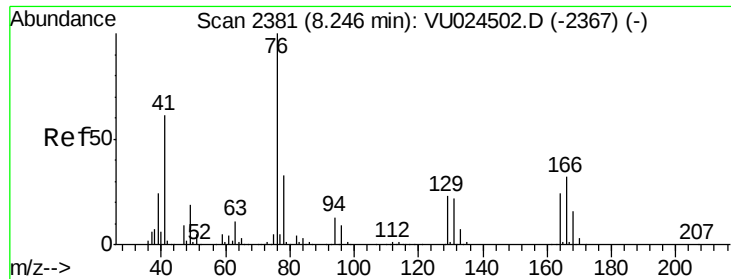
MMDadoda
 6/19/2018 1:54:59 PM



#56
 Ethyl methacrylate
 Concen: 49.10 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		201737		
41	66.4	54.1	81.1		
39	37.7	30.3	45.5		





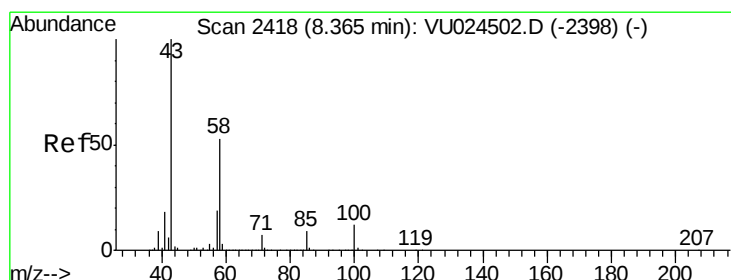
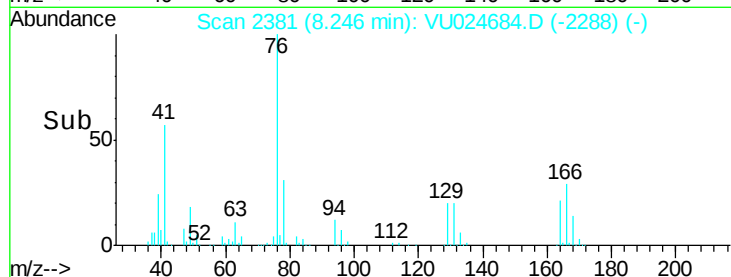
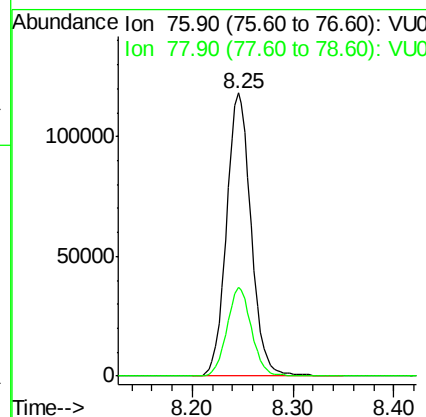
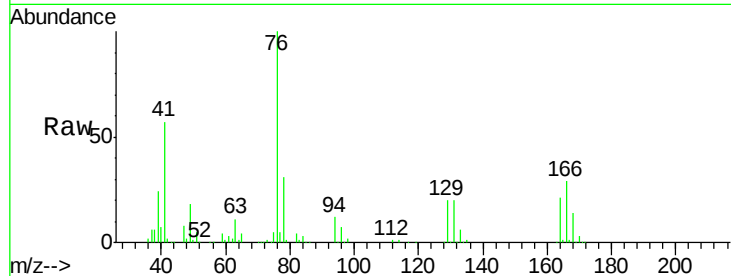
#57
 1,3-Dichloropropane
 Concen: 48.55 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Tot Ion: 76 Resp: 201068
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.2 37.8

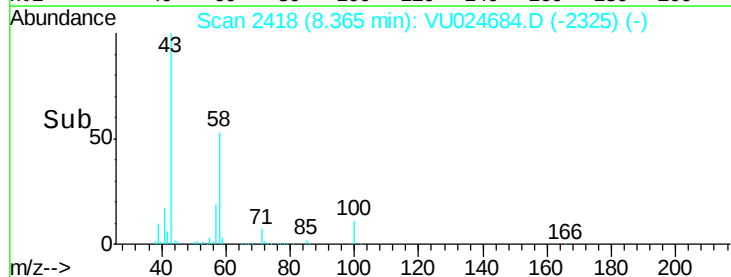
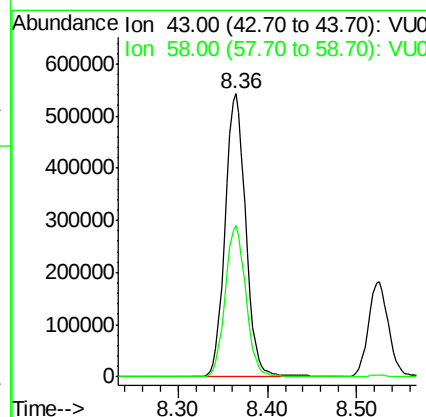
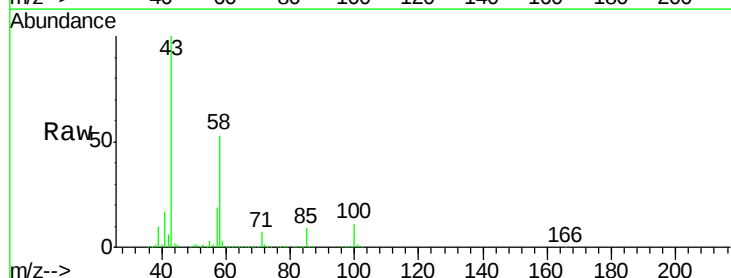
Manual Integrations
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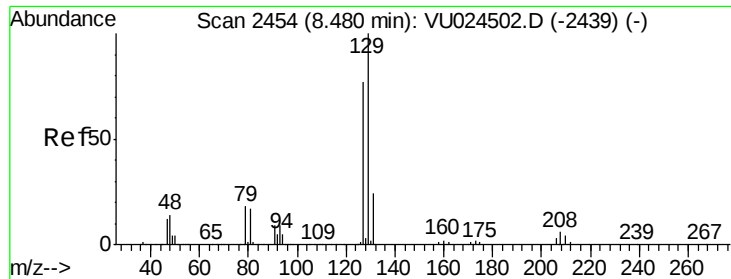
MMDadoda
 6/19/2018 1:54:59 PM



#59
 2-Hexanone
 Concen: 271.89 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Tgt Ion: 43 Resp: 865547
 Ion Ratio Lower Upper
 43 100
 58 53.5 26.4 79.0





#60

Dibromochloromethane

Concen: 46.27 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:129 Resp: 141645

Ion Ratio Lower Upper

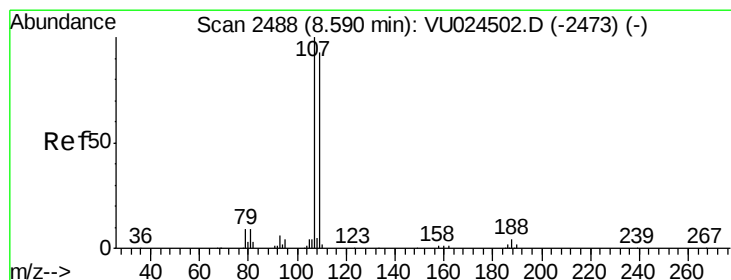
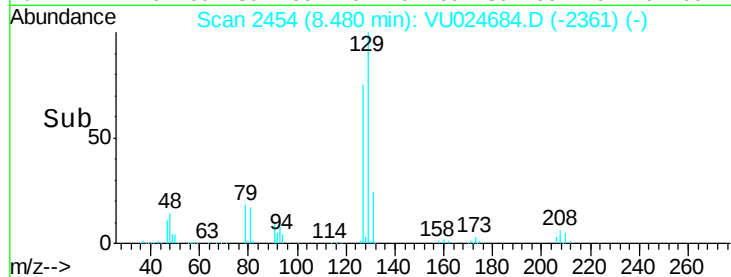
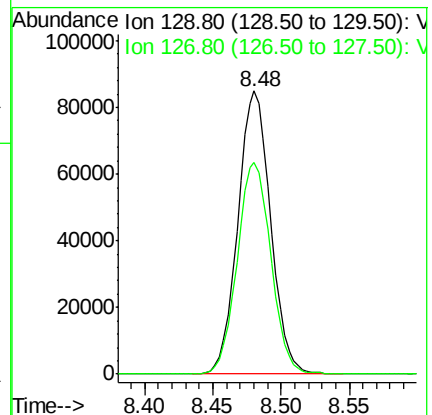
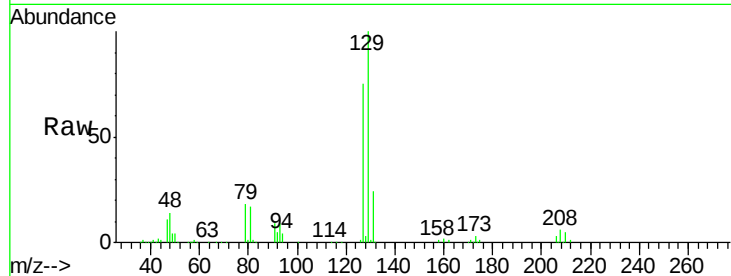
129 100

127 77.0 38.6 116.0

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#61

1,2-Dibromoethane

Concen: 48.75 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU024684.D

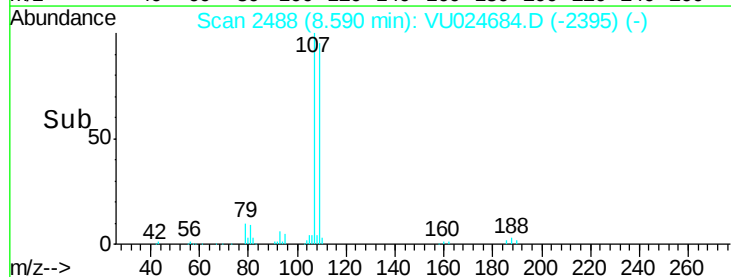
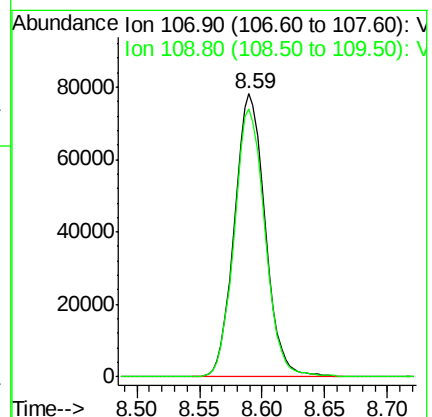
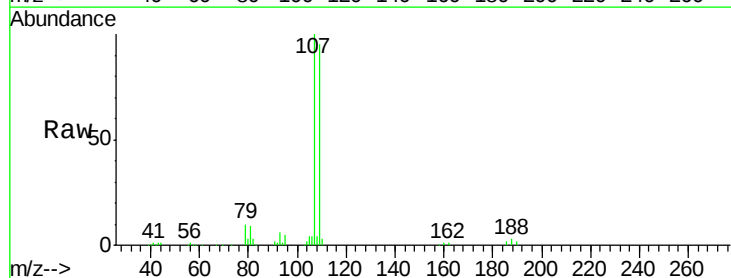
Acq: 18 Jun 2018 12:11

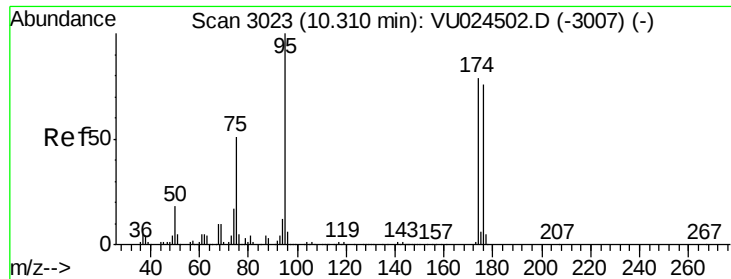
Tgt Ion:107 Resp: 133201

Ion Ratio Lower Upper

107 100

109 95.1 74.5 111.7





#62

4-Bromofluorobenzene

Concen: 47.69 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

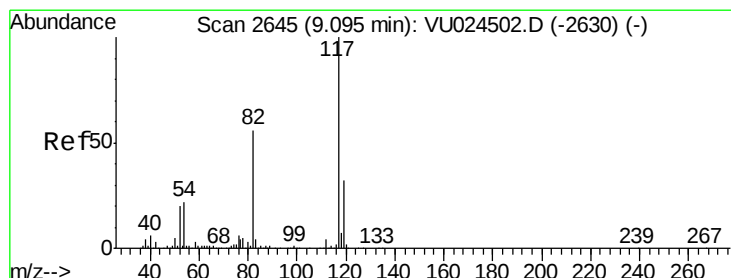
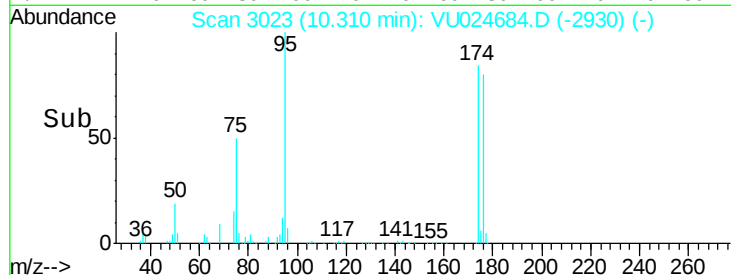
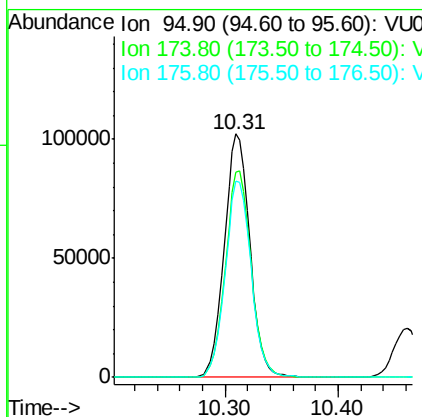
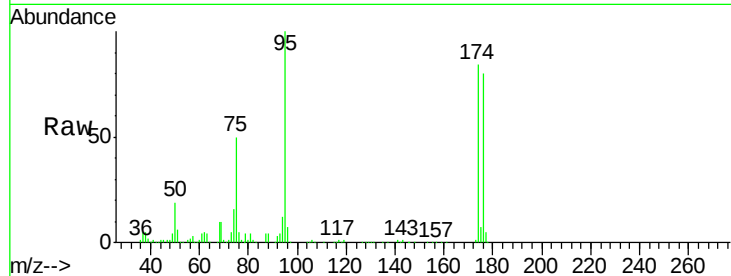
ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:	95	Resp:	160696
Ion Ratio	Lower	Upper	
95	100		
174	85.3	0.0	165.8
176	81.8	0.0	159.4

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#63

Chlorobenzene-d5

Concen: 50.00 ug/l

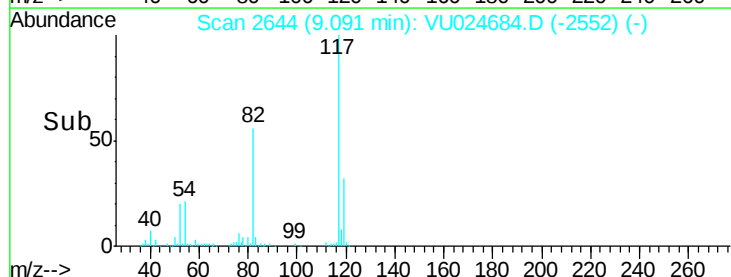
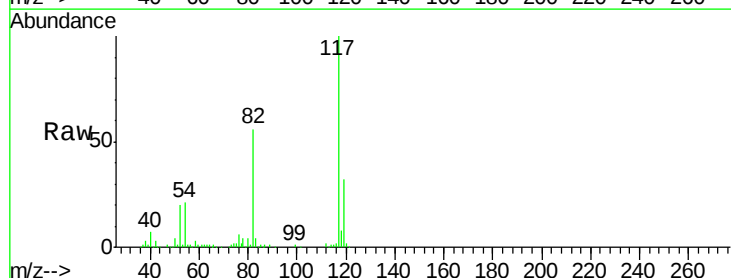
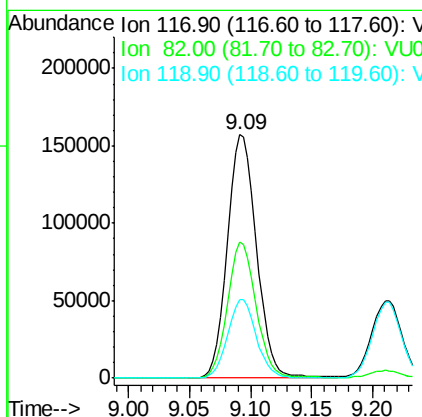
RT: 9.09 min Scan# 2644

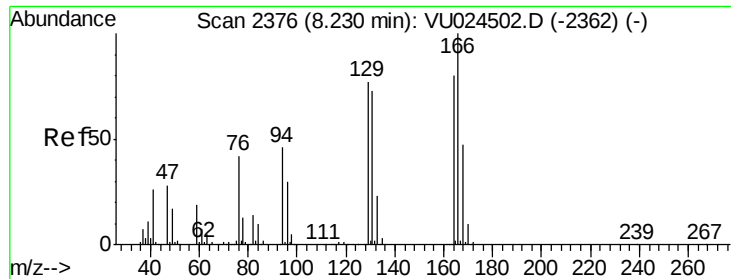
Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Tgt Ion:	117	Resp:	263973
Ion Ratio	Lower	Upper	
117	100		
82	55.7	44.3	66.5
119	32.0	25.4	38.2





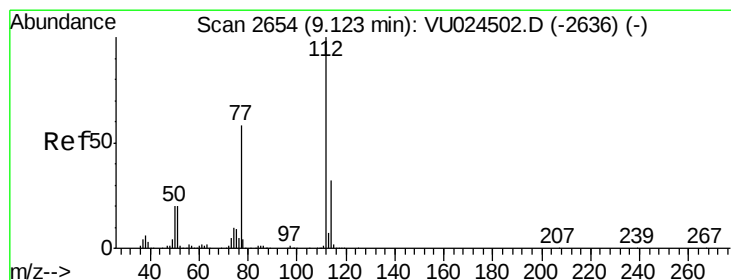
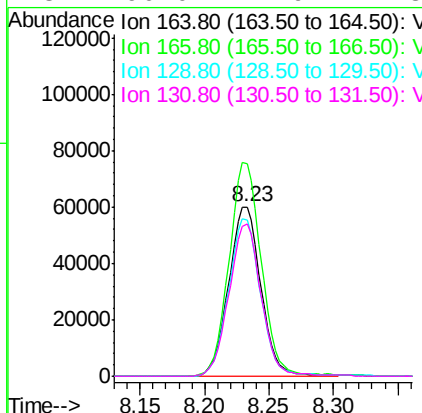
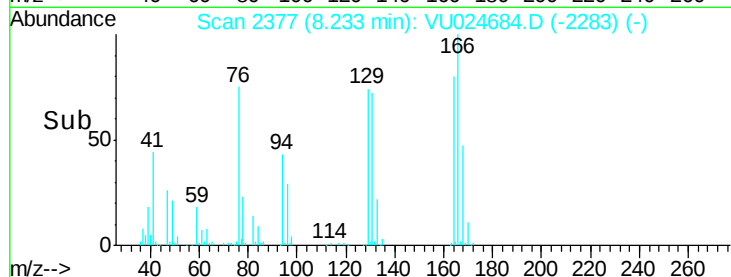
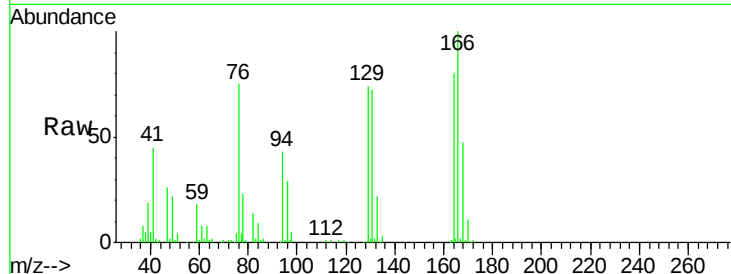
#64
Tetrachloroethene
Concen: 41.50 ug/l
RT: 8.23 min Scan# 2377
Delta R.T. 0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	125.7	101.7	152.5	
129	92.5	76.9	115.3	
131	90.0	74.9	112.3	

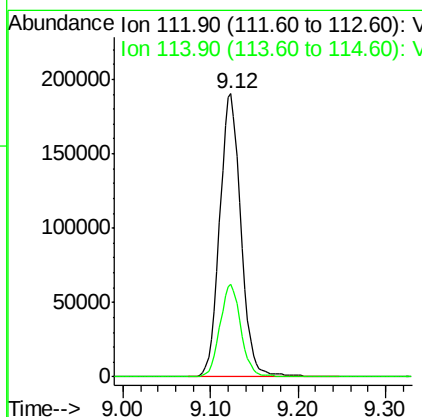
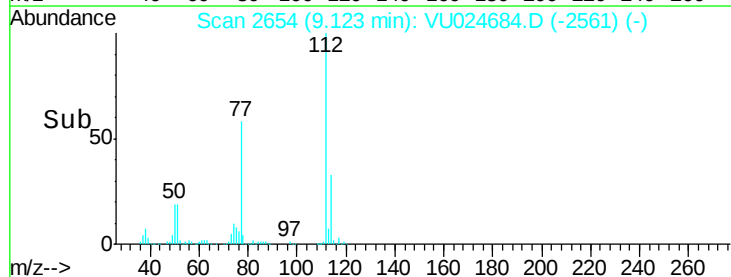
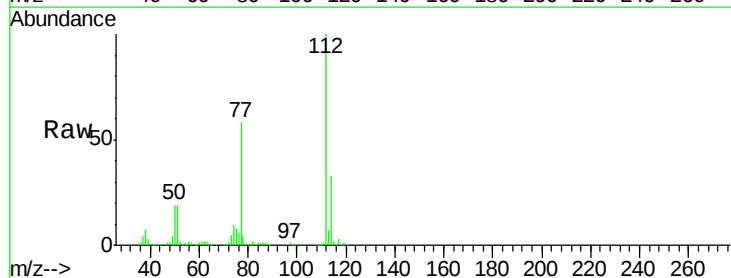
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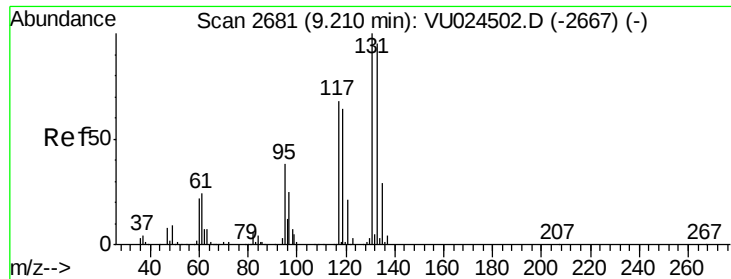
MMDadoda
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#65
Chlorobenzene
Concen: 47.65 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	32.7	25.6	38.4	





#66

1,1,1,2-Tetrachloroethane

Concen: 48.69 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

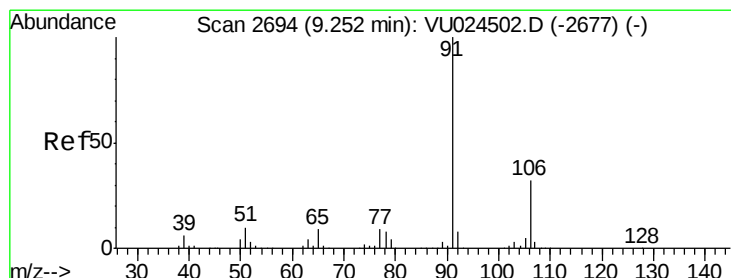
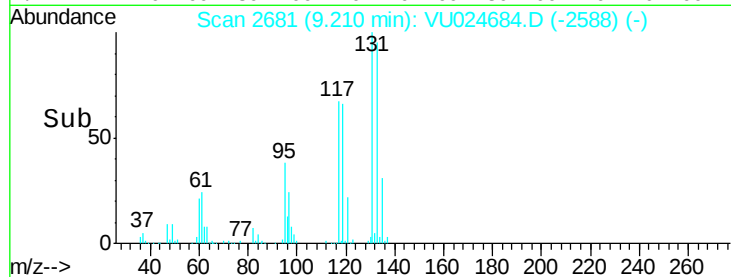
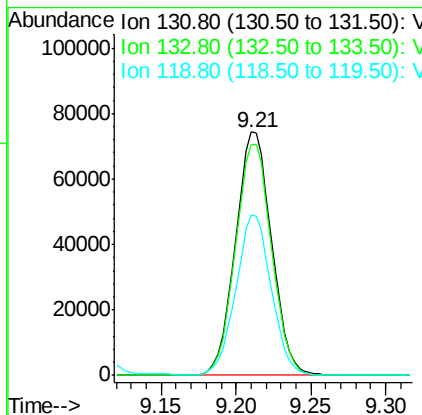
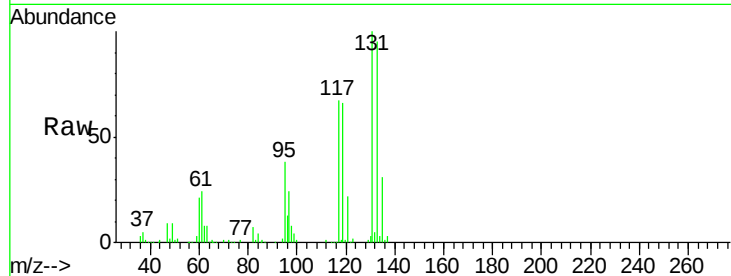
ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:	131	Resp:	124737
Ion Ratio	Lower	Upper	
131	100		
133	95.3	46.9	140.8
119	64.9	33.5	100.4

Manual Integrations
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#67

Ethyl Benzene

Concen: 46.12 ug/l

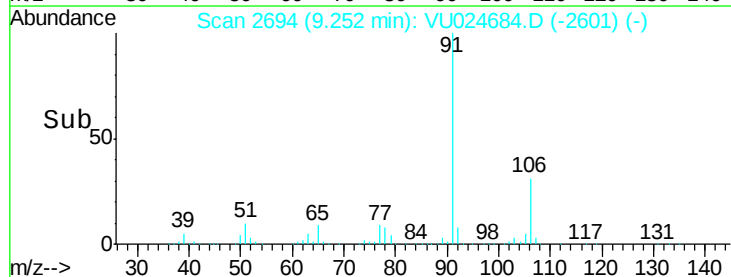
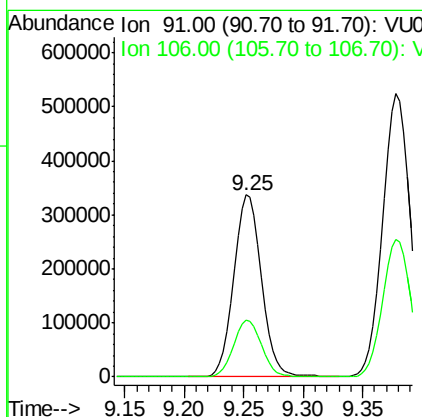
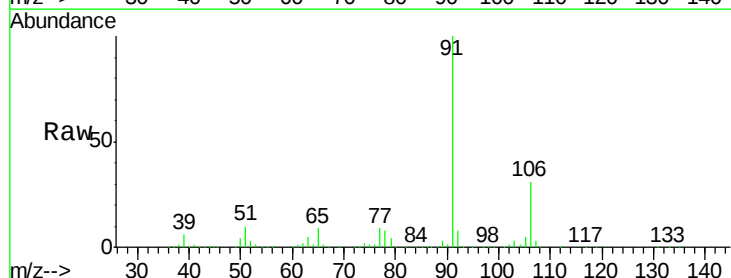
RT: 9.25 min Scan# 2694

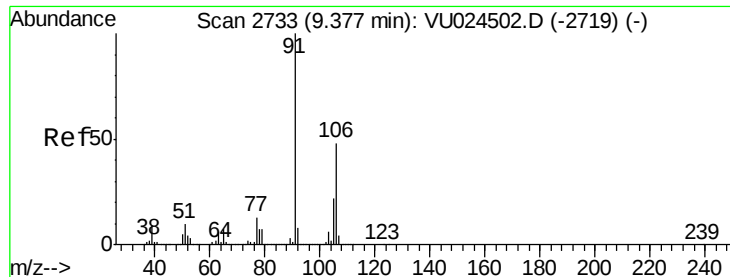
Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Tgt Ion:	91	Resp:	545222
Ion Ratio	Lower	Upper	
91	100		
106	31.4	24.2	36.4





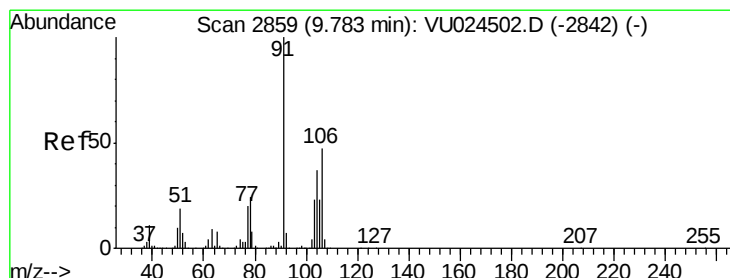
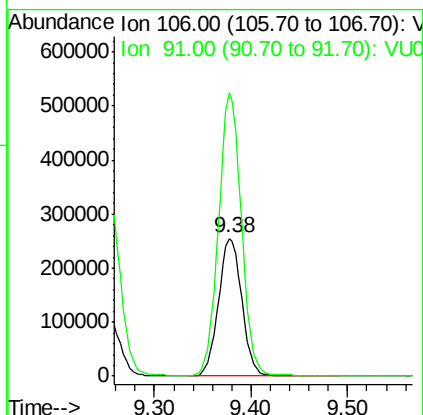
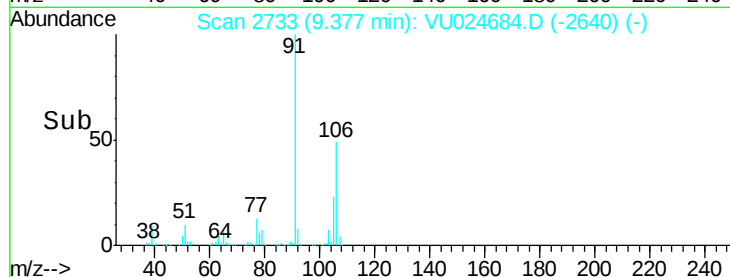
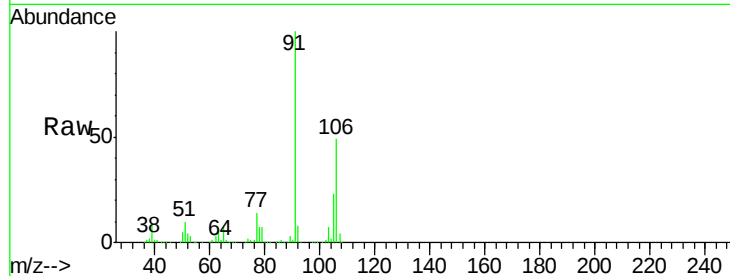
#68
m/p-Xylenes
Concen: 93.93 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		426422		
91	202.2	166.5	249.7		

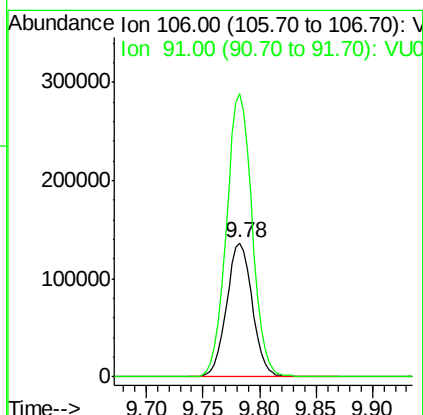
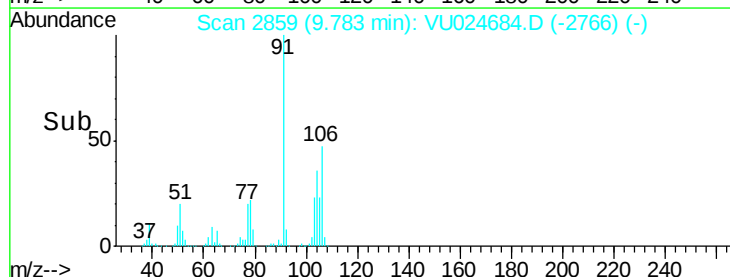
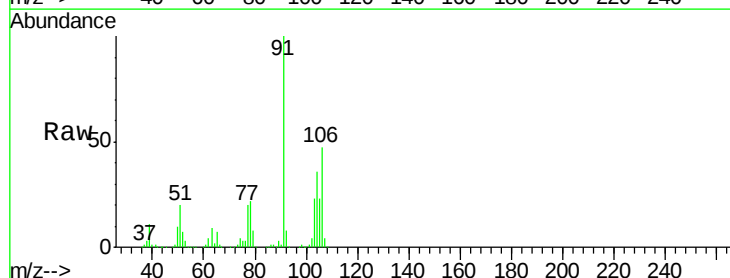
Manual Integrations
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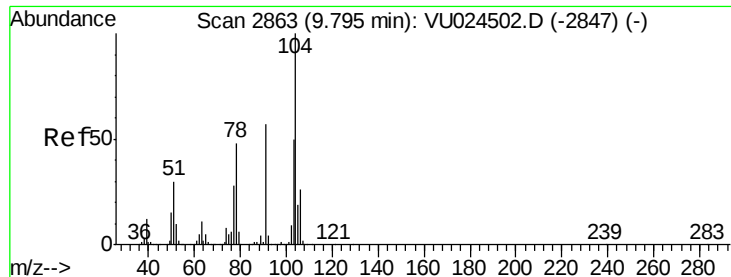
MMDadoda
6/19/2018 1:54:59 PM



#69
o-Xylene
Concen: 48.06 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		215917		
91	211.2	110.7	331.9		





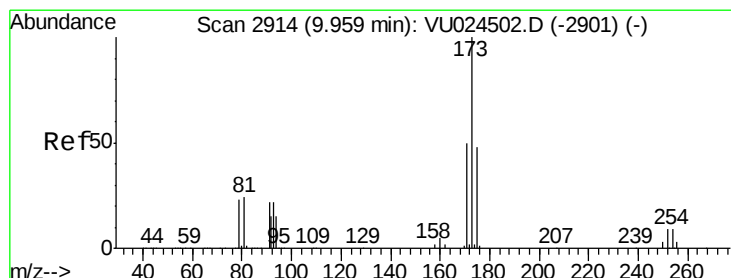
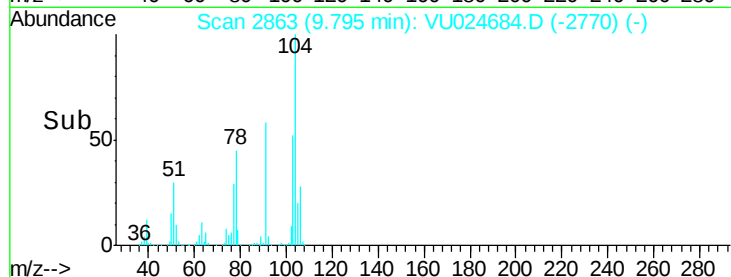
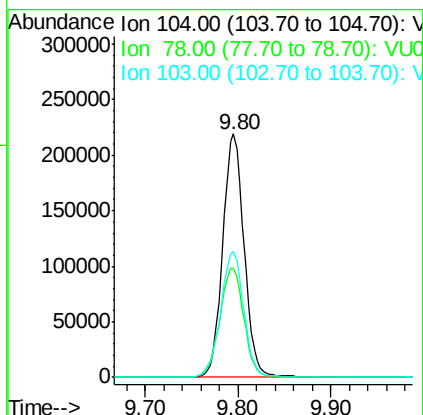
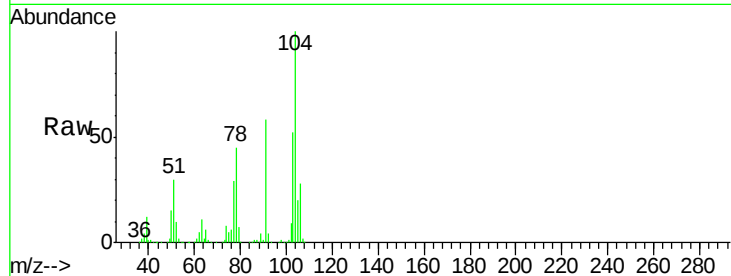
#70
Stvrene
Concen: 47.49 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	350643		
78	50.7		40.6	60.8
103	55.1		44.7	67.1

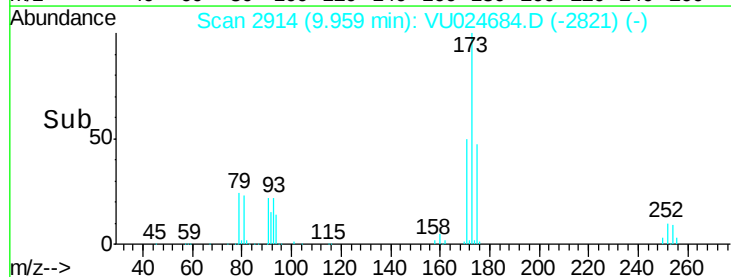
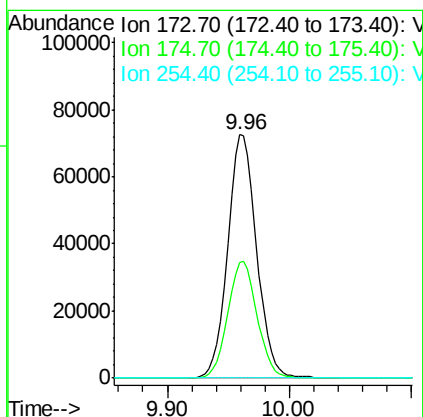
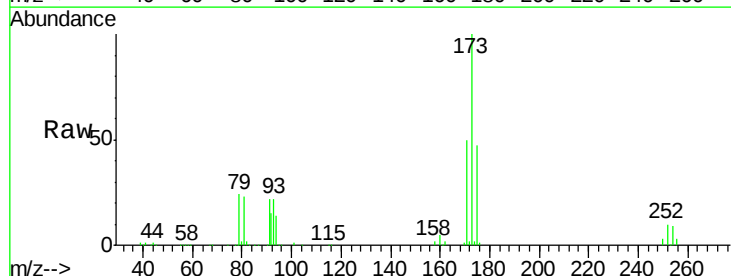
Manual Integrations
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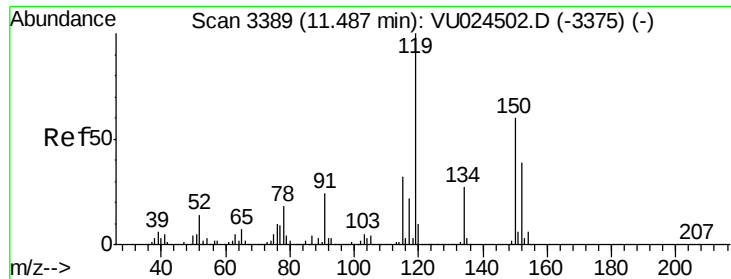
MMDadoda
6/19/2018 1:54:59 PM



#71
Bromoform
Concen: 49.19 ug/l
RT: 9.96 min Scan# 2914
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	119782		
175	48.8		24.6	74.0
254	0.0		0.0	0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 11.49 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

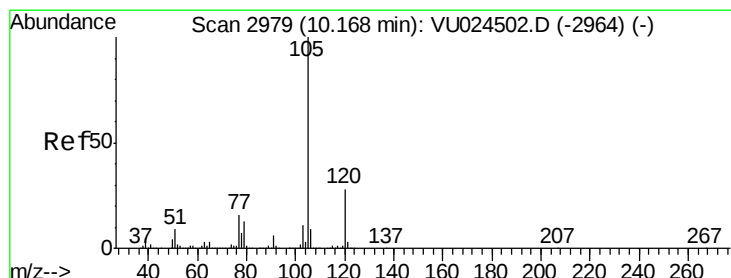
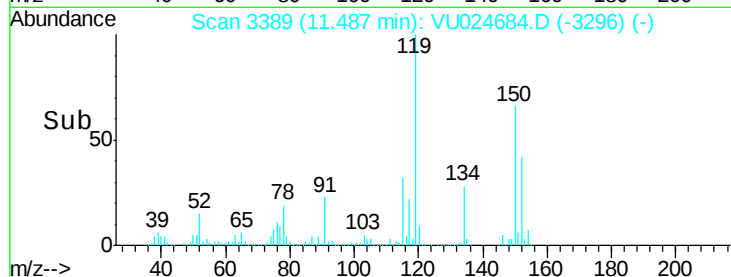
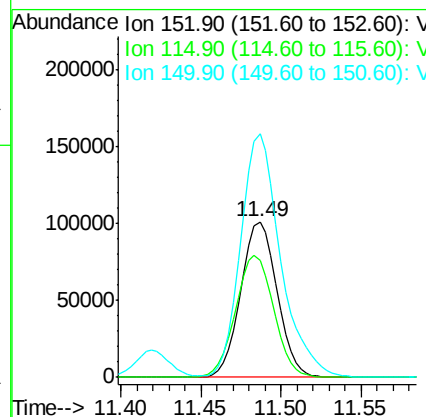
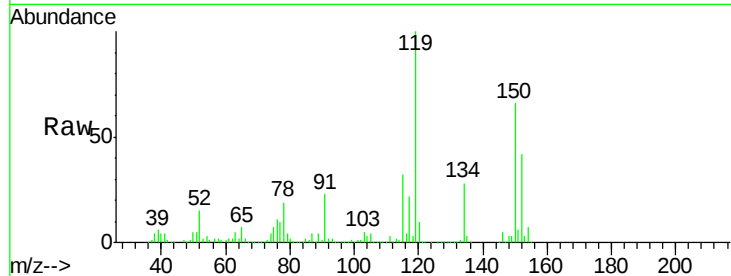
ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:	152	Resp:	155914
Ion Ratio	Lower	Upper	
152	100		
115	82.6	43.0	129.0
150	172.6	0.0	354.0

Manual Integrations
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6/19/2018 1:54:59 PM



#73

Isopropylbenzene

Concen: 48.22 ug/l

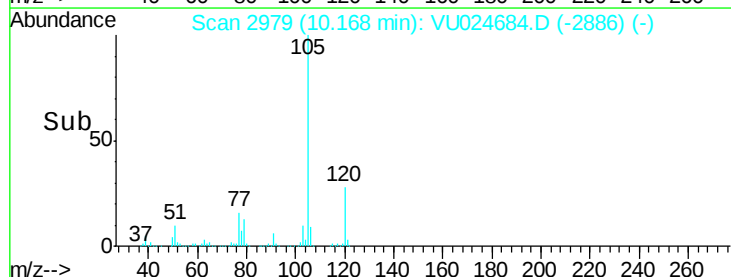
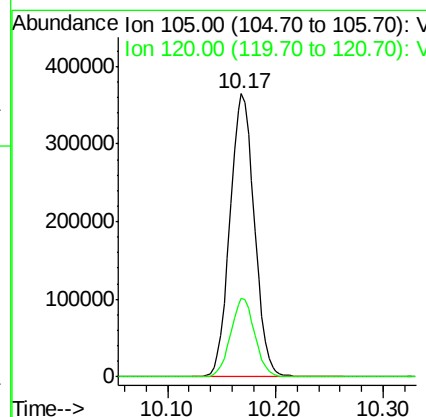
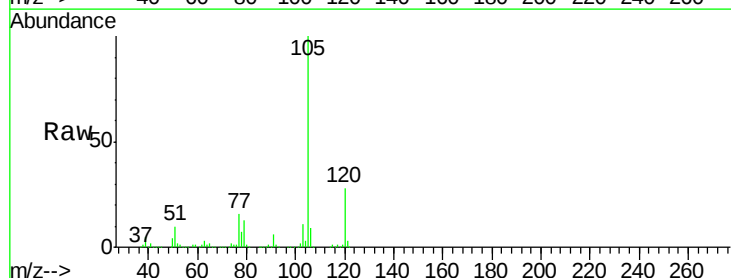
RT: 10.17 min Scan# 2979

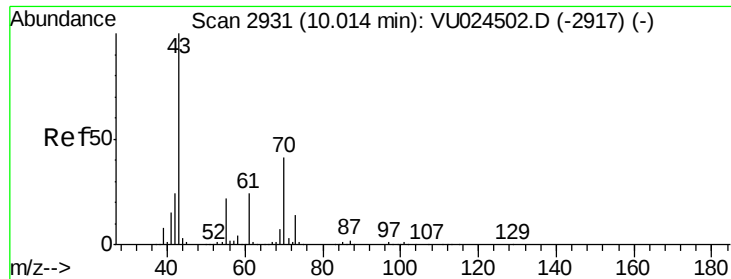
Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Tgt Ion:	105	Resp:	577191
Ion Ratio	Lower	Upper	
105	100		
120	27.4	13.2	39.6





#74

N-amvl acetate

Concen: 50.17 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

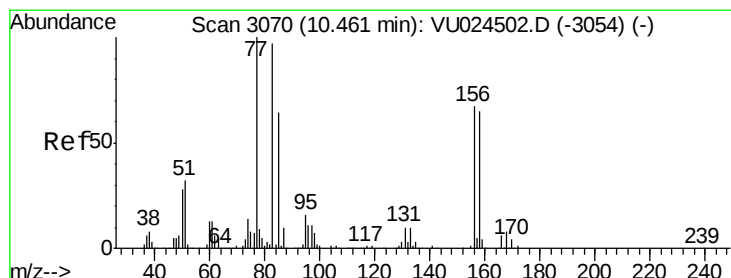
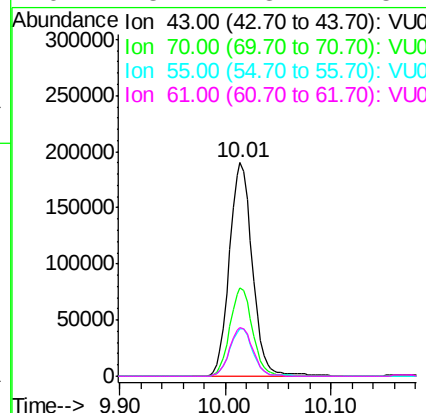
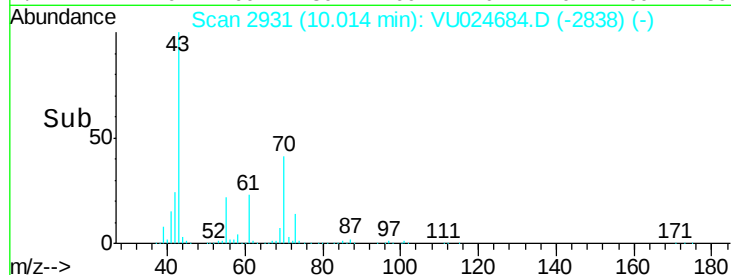
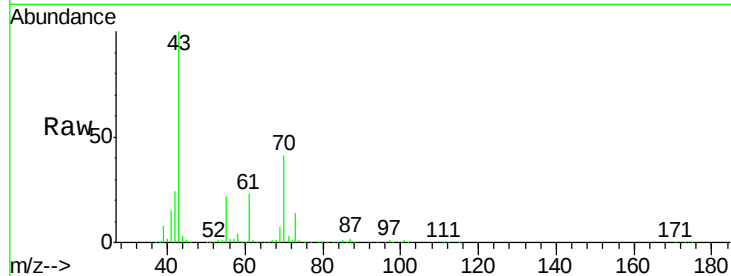
ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion	43	Resp	285646
Ion Ratio	Lower	Upper	
43	100		
70	40.7	32.2	48.4
55	22.2	20.5	30.7
61	23.4	18.7	28.1

Manual Integrations
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6/19/2018 1:54:59 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 53.45 ug/l

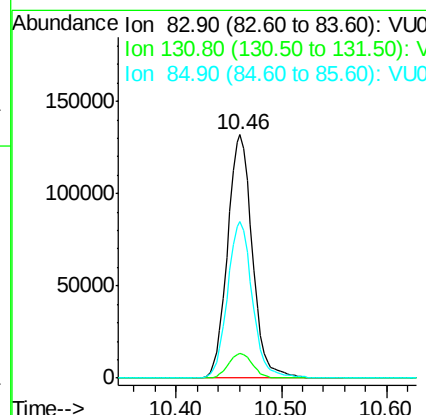
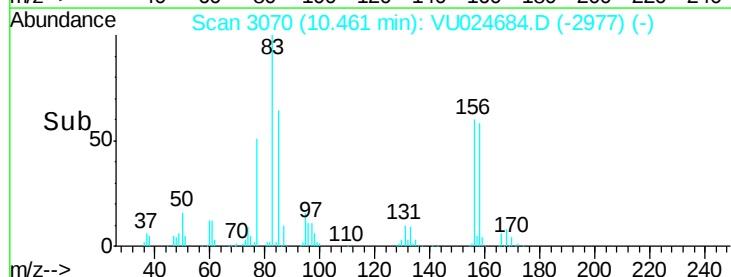
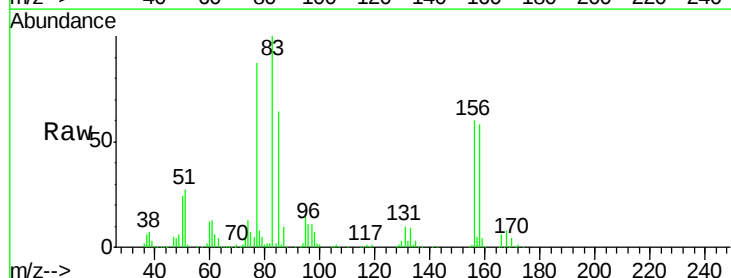
RT: 10.46 min Scan# 3070

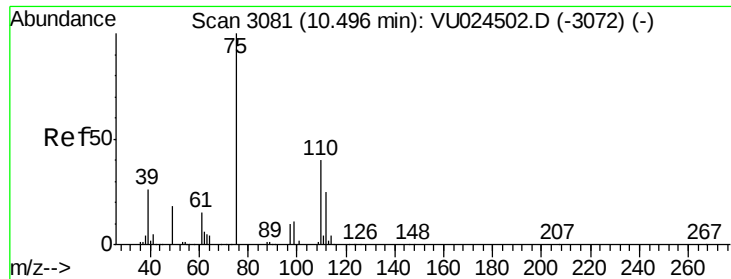
Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Tgt Ion	83	Resp	214425
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.7	14.1
85	64.6	32.5	97.5





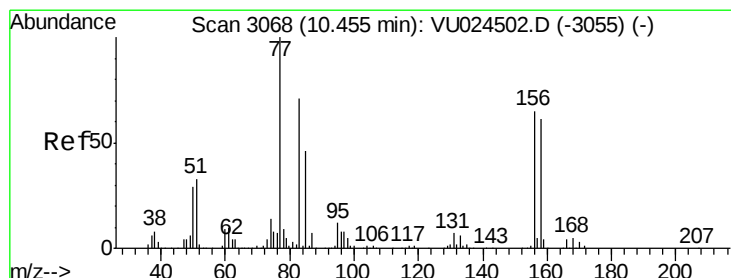
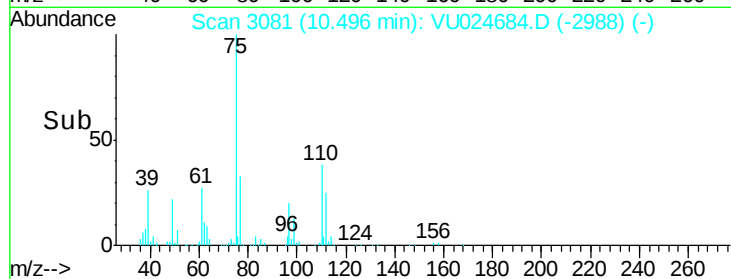
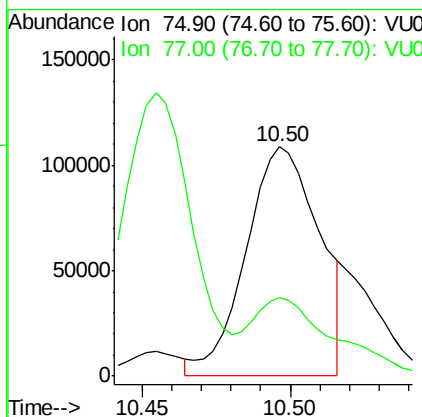
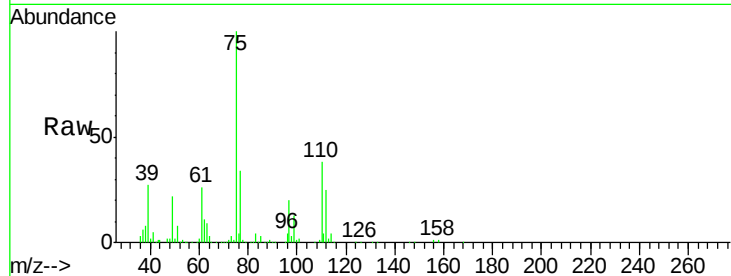
#76
 1,2,3-Trichloropropane
 Concen: 54.62 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Tot Ion: 75 Resp: 187490
 Ion Ratio Lower Upper
 75 100
 77 39.8 20.9 62.7

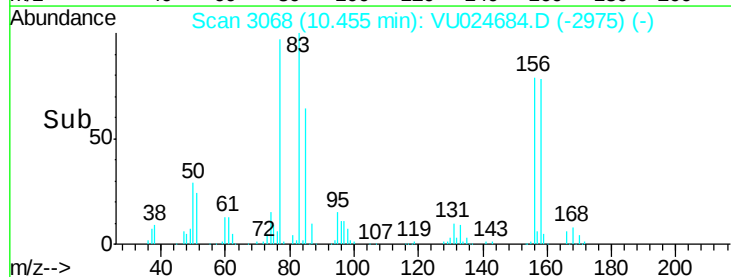
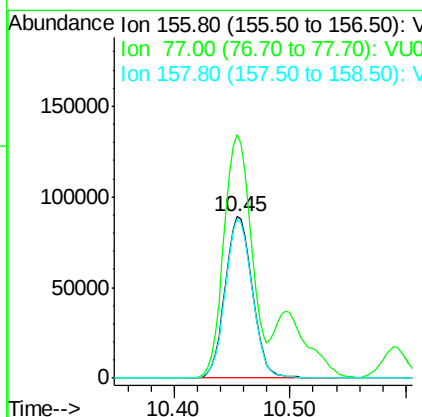
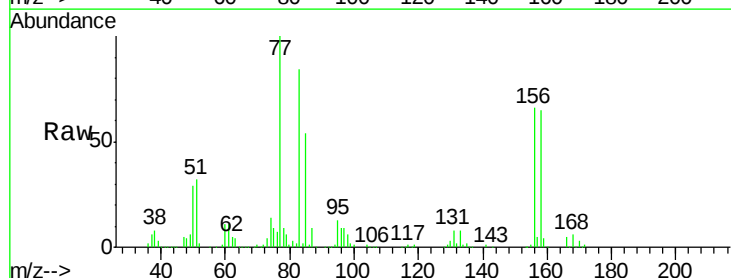
Manual Integrations
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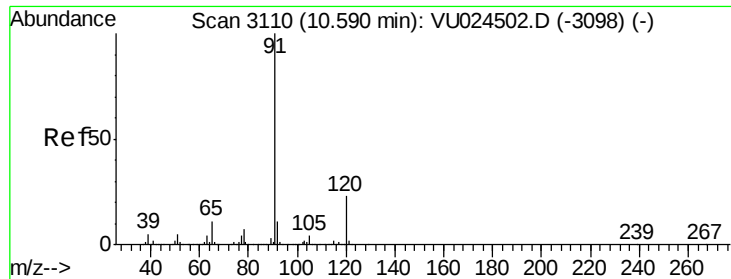
MMDadoda
 6/19/2018 1:54:59 PM



#77
 Bromobenzene
 Concen: 47.51 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Tgt Ion: 156 Resp: 143976
 Ion Ratio Lower Upper
 156 100
 77 153.0 80.5 241.3
 158 97.5 48.2 144.6





#78

n-propylbenzene

Concen: 45.68 ug/l

RT: 10.59 min Scan# 3110

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion: 91 Resp: 644187

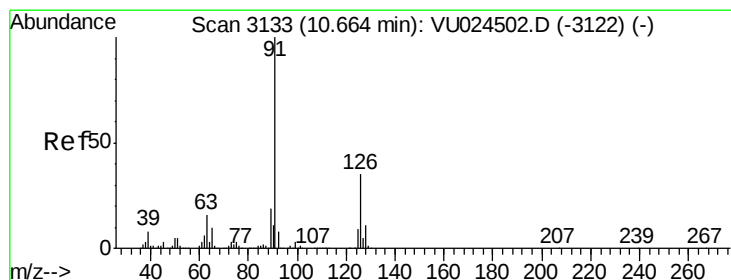
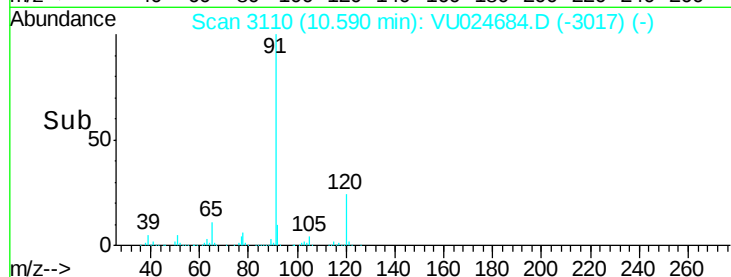
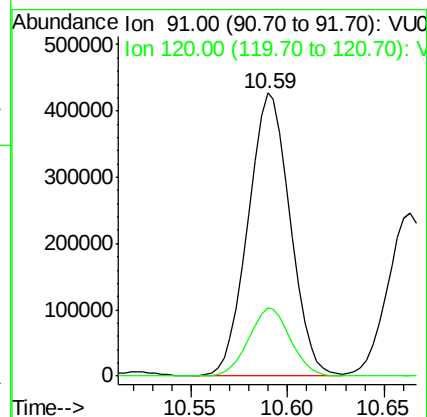
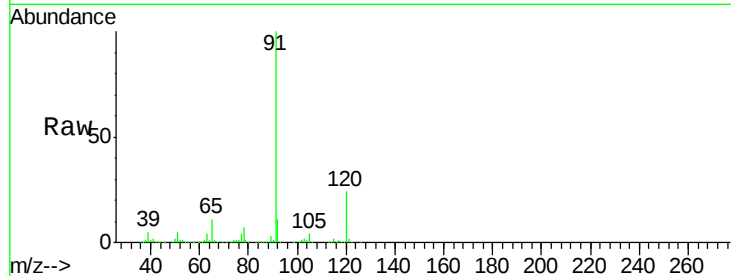
Ion Ratio Lower Upper

91 100

120 23.8 11.2 33.5

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#79

2-Chlorotoluene

Concen: 46.90 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU024684.D

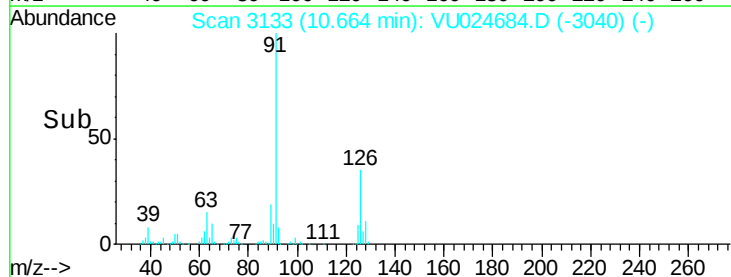
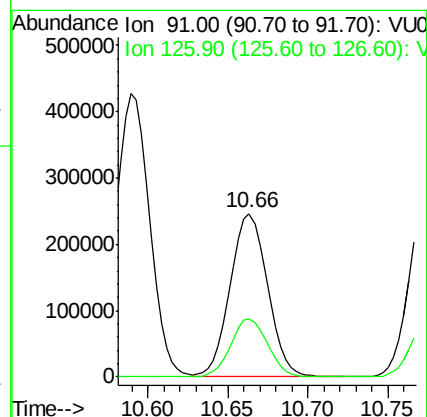
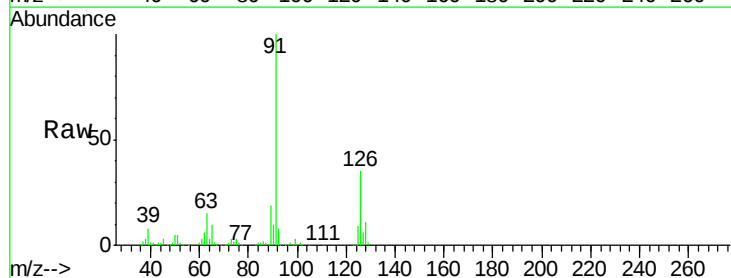
Acq: 18 Jun 2018 12:11

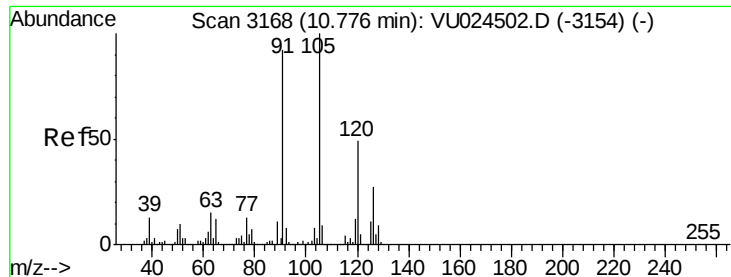
Tgt Ion: 91 Resp: 390009

Ion Ratio Lower Upper

91 100

126 35.4 16.9 50.7





#80

1,3,5-Trimethylbenzene

Concen: 47.60 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:105 Resp: 493893

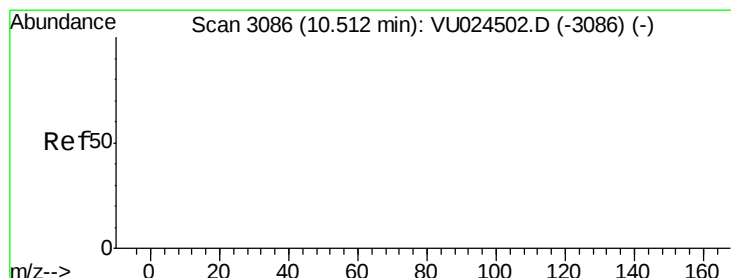
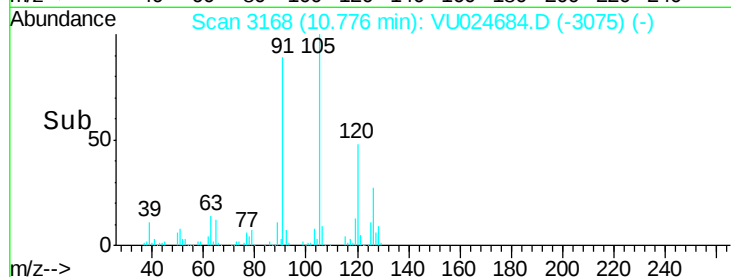
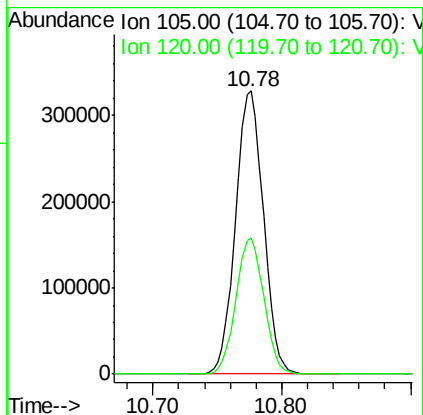
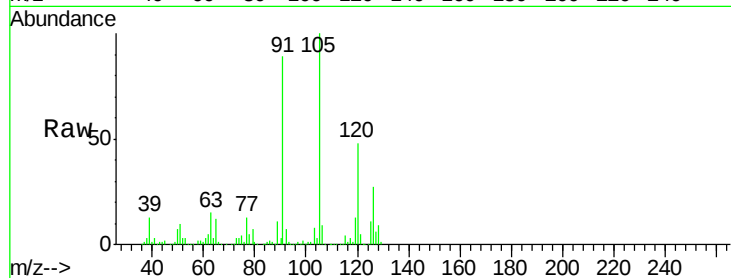
Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2

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#81

trans-1,4-Dichloro-2-butene

Concen: 39.40 ug/l m

RT: 10.51 min Scan# 3086

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

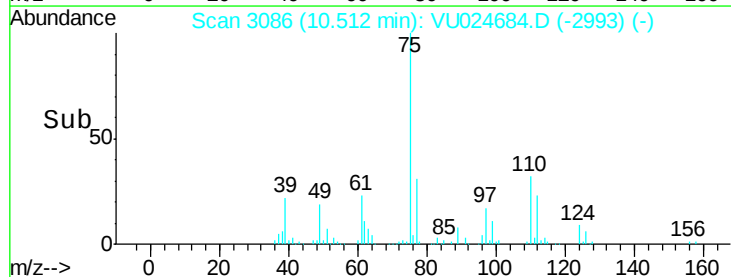
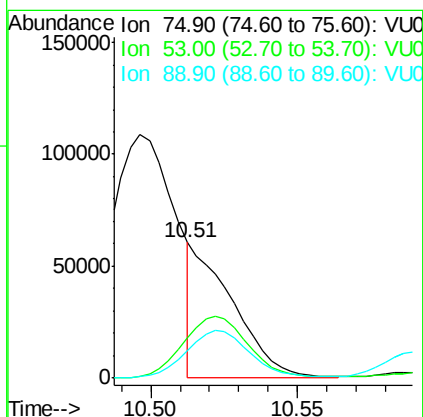
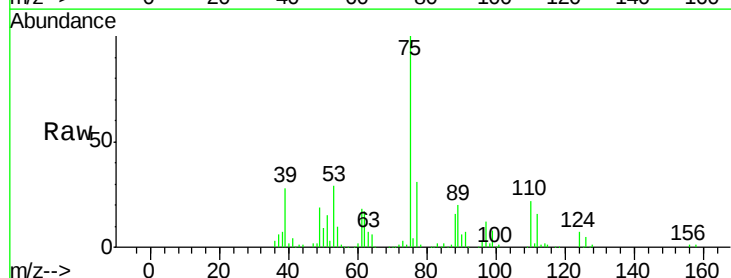
Tgt Ion: 75 Resp: 58439

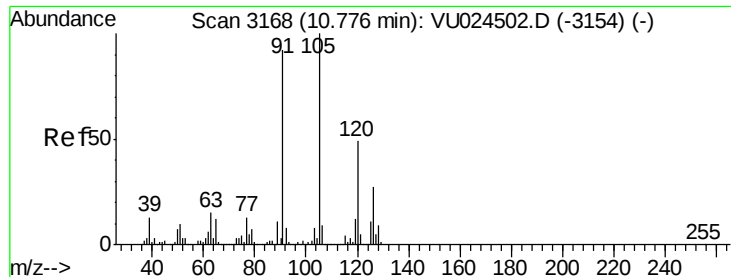
Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 46.19 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion: 91 Resp: 447099

Ion Ratio Lower Upper

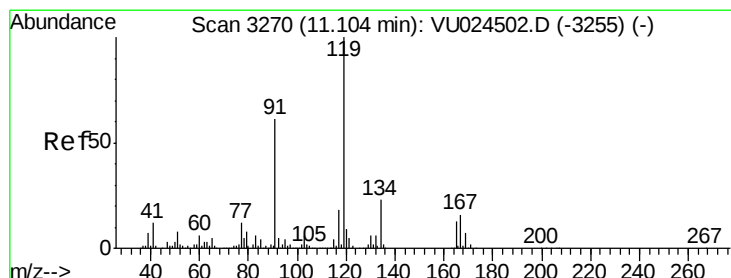
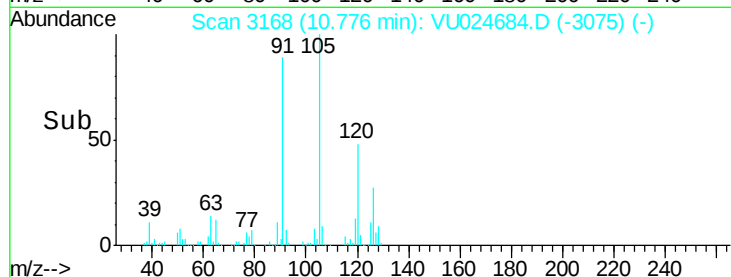
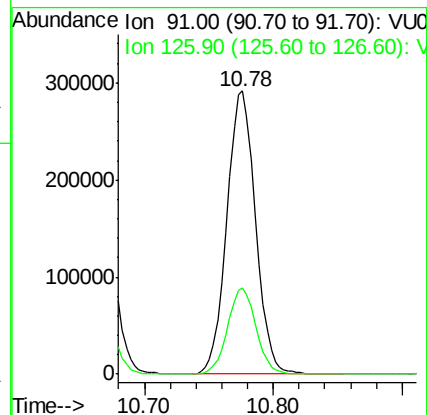
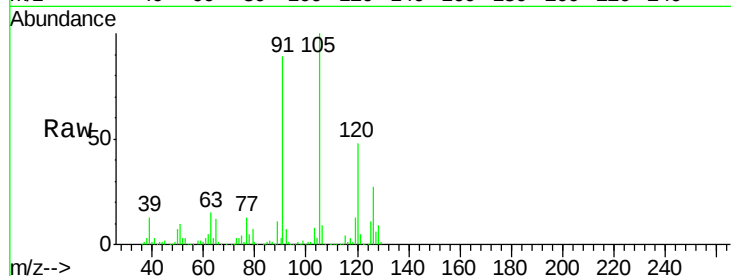
91 100

126 30.0 14.9 44.9

Manual Integrations
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#83

tert-Butylbenzene

Concen: 49.75 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

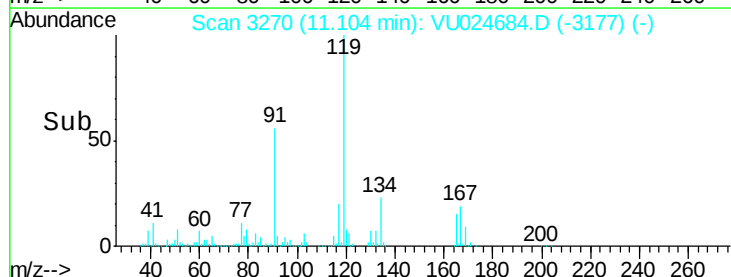
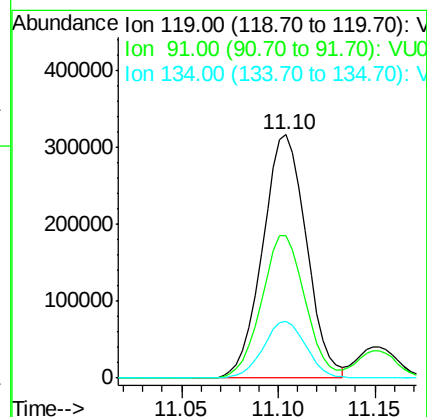
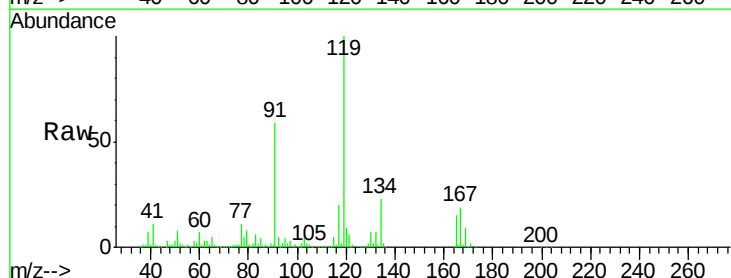
Tgt Ion: 119 Resp: 496559

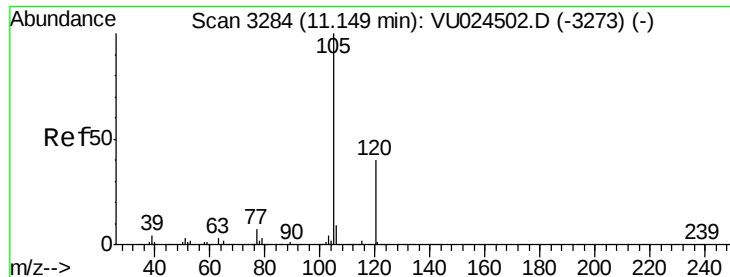
Ion Ratio Lower Upper

119 100

91 58.5 29.7 89.1

134 22.8 11.6 34.7





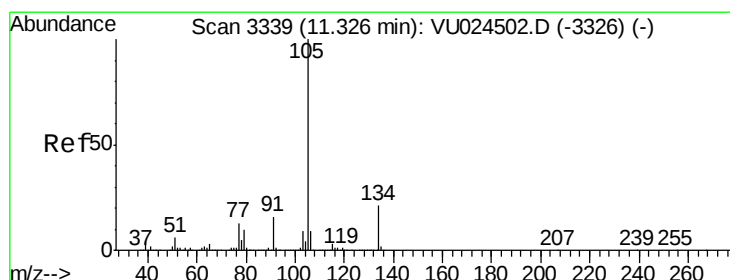
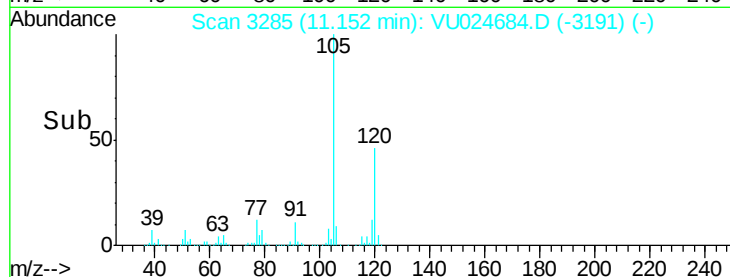
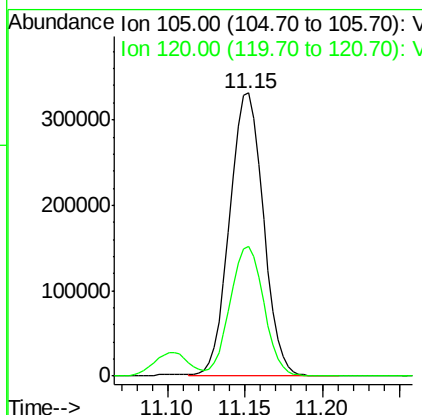
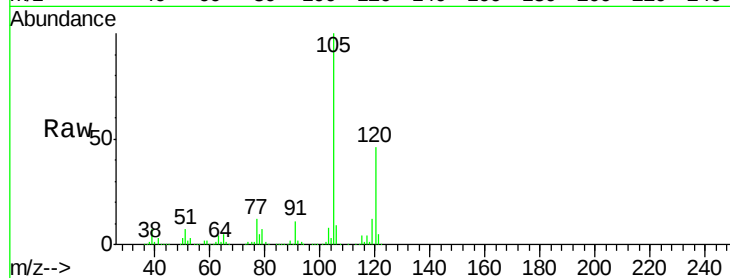
#84
 1,2,4-Trimethylbenzene
 Concen: 47.48 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.6	67.8

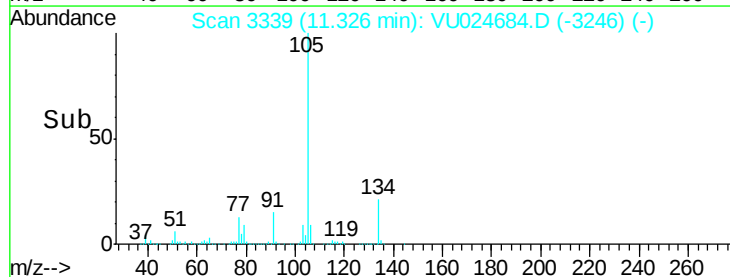
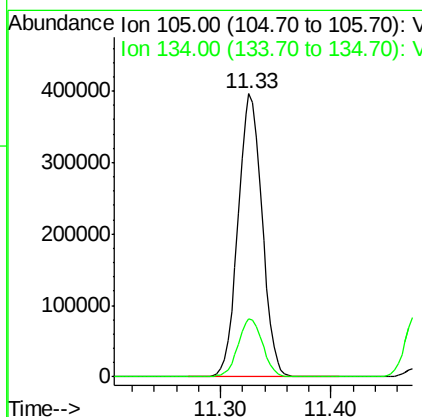
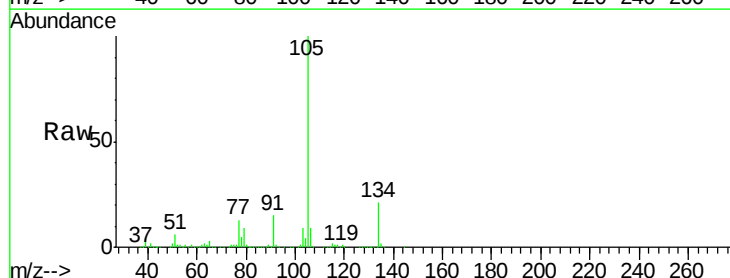
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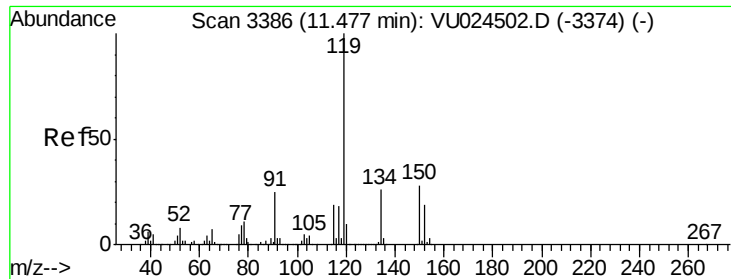
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#85
 sec-Butylbenzene
 Concen: 47.81 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.0	9.7	29.1





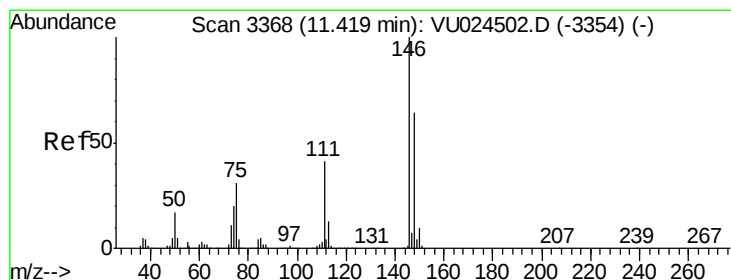
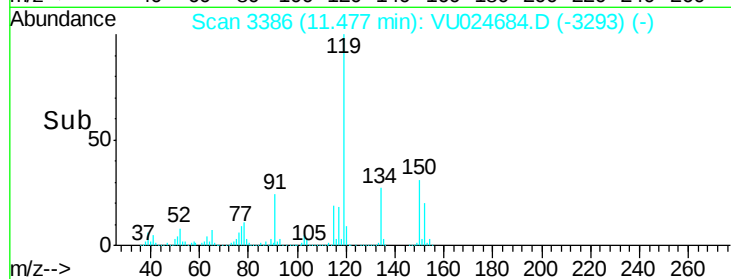
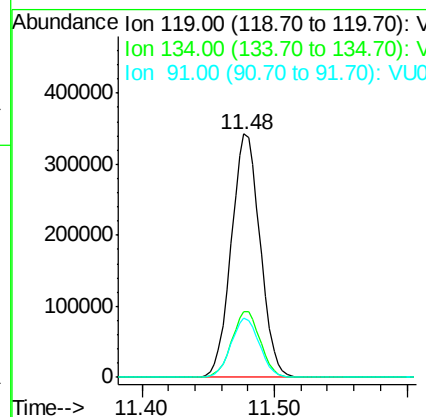
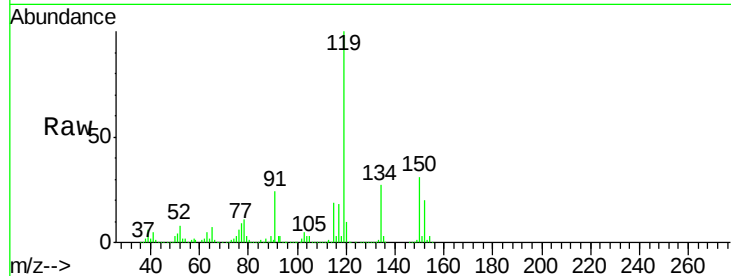
#86
 p-Isopropyltoluene
 Concen: 46.01 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	514816		
134	27.1	12.9	38.6	
91	24.2	12.0	36.1	

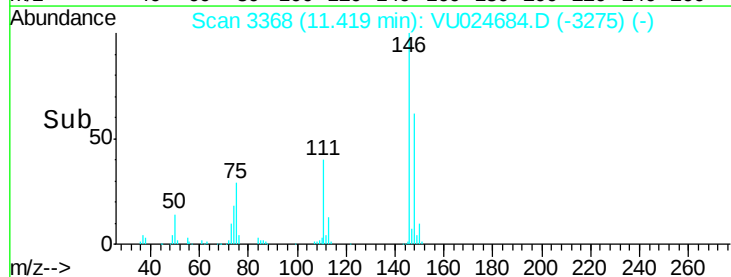
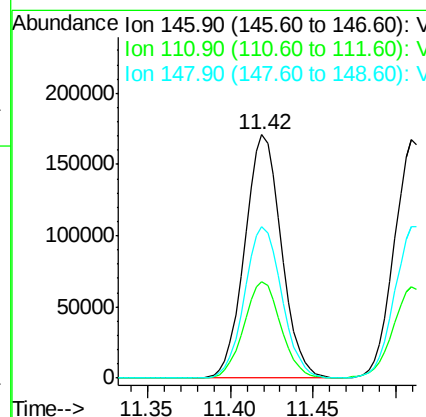
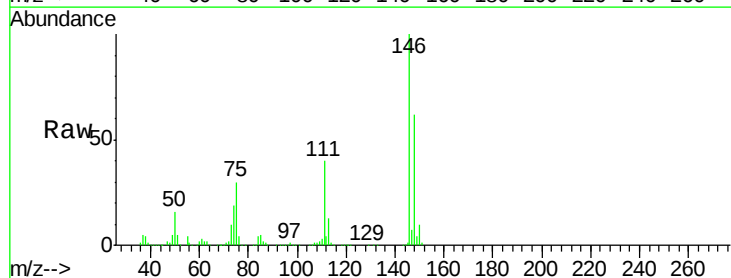
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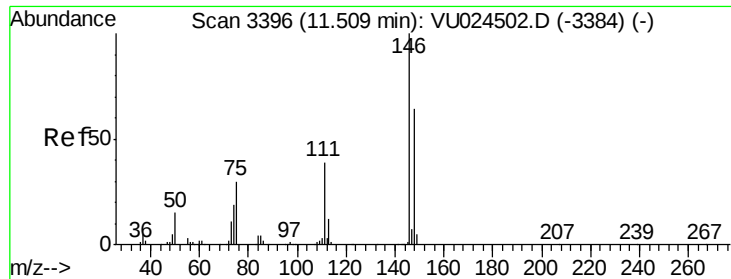
MMDadoda
 6/19/2018 1:54:59 PM



#87
 1,3-Dichlorobenzene
 Concen: 46.86 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	262340		
111	40.1	20.0	60.0	
148	63.2	32.1	96.5	





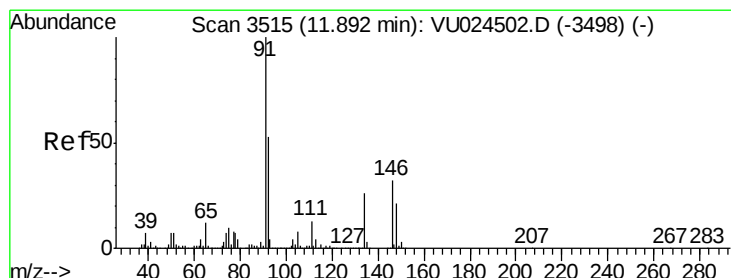
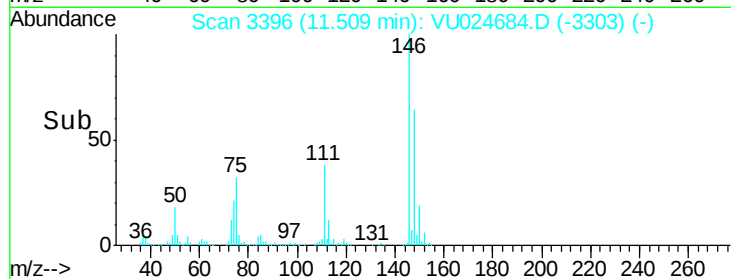
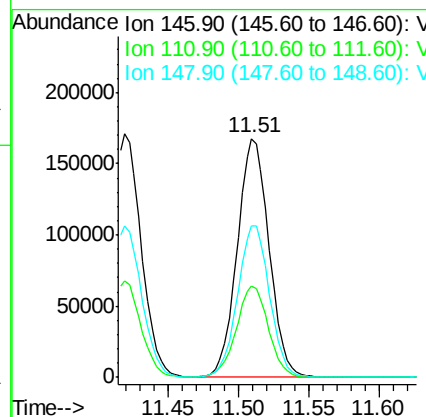
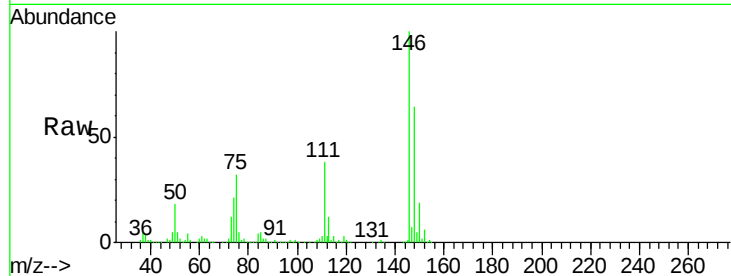
#88
 1,4-Dichlorobenzene
 Concen: 46.87 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	64.1	32.4	97.0

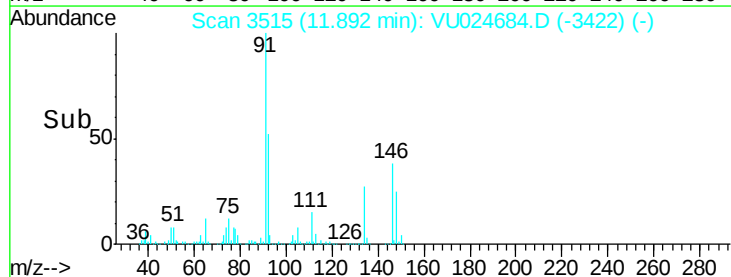
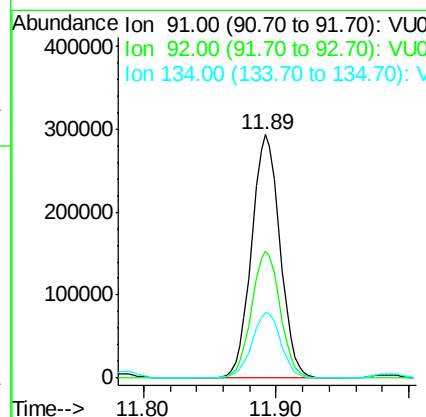
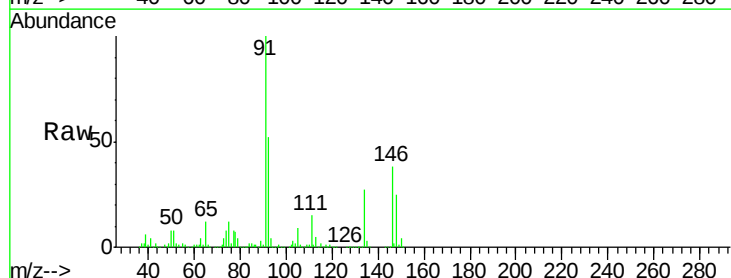
Manual Integrations
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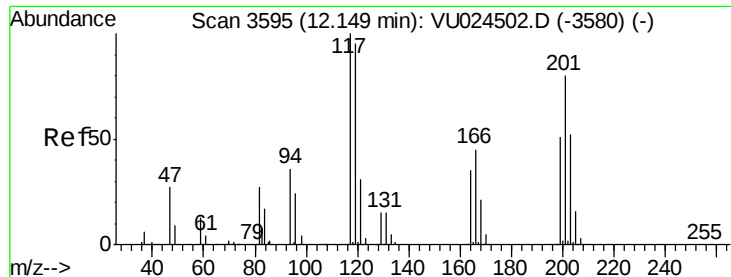
MMDadoda
 6/19/2018 1:54:59 PM



#89
 n-Butylbenzene
 Concen: 43.91 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.6	76.8
134	27.5	12.3	36.8





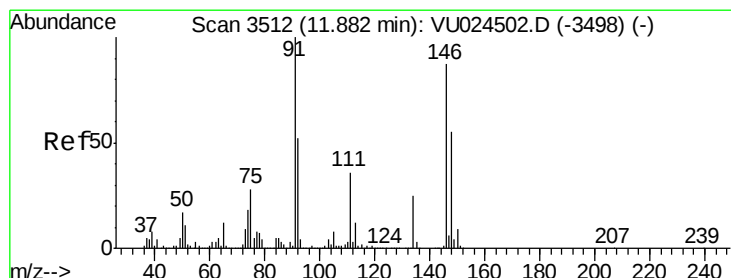
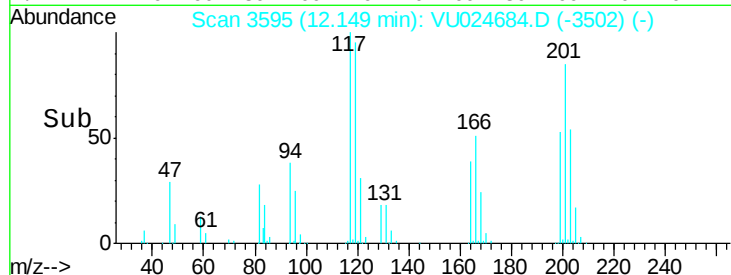
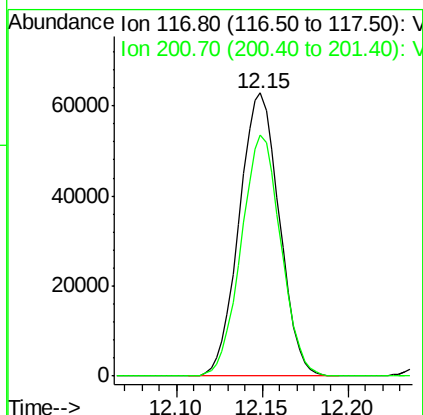
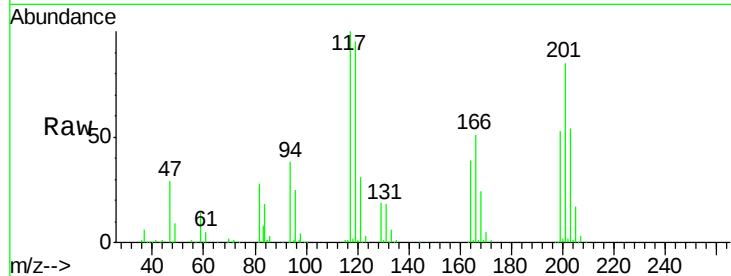
#90
Hexachloroethane
Concen: 46.60 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Instrument :
MSVOA_U
ClientSampleId :
T11-MW-10-8.0-061218MS

Tot Ion:117 Resp: 101703
Ion Ratio Lower Upper
117 100
201 84.2 41.1 123.3

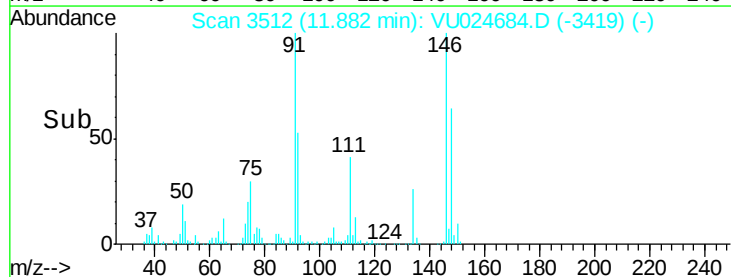
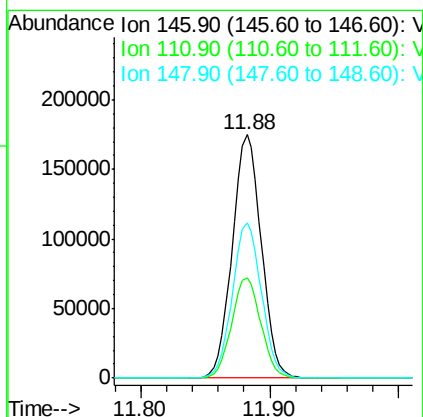
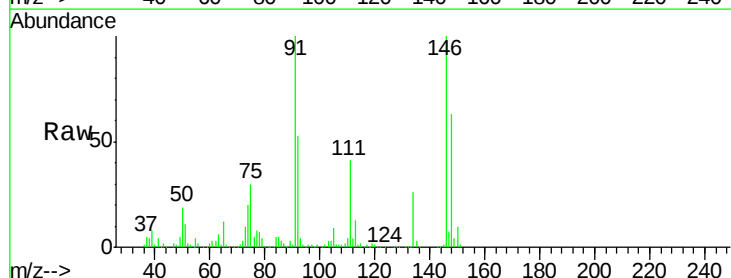
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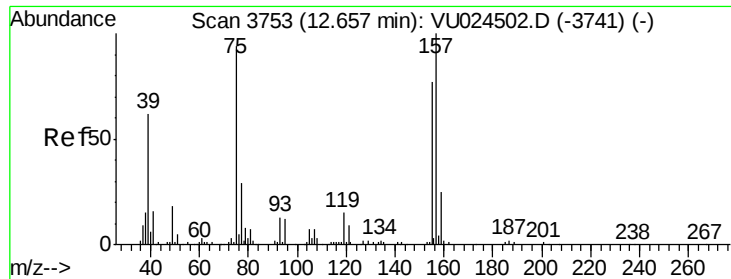
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#91
1,2-Dichlorobenzene
Concen: 48.82 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. -0.00 min
Lab File: VU024684.D
Acq: 18 Jun 2018 12:11

Tgt Ion:146 Resp: 273760
Ion Ratio Lower Upper
146 100
111 41.3 20.5 61.6
148 63.8 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.04 ug/l

RT: 12.66 min Scan# 3754

Delta R.T. 0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

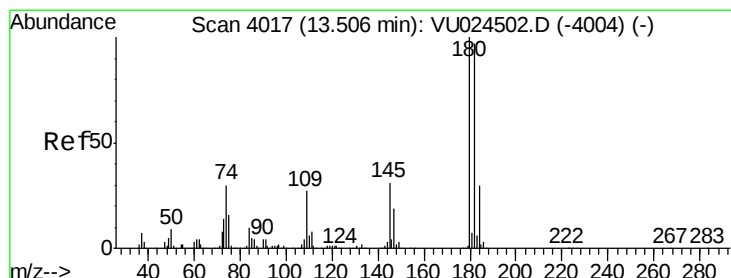
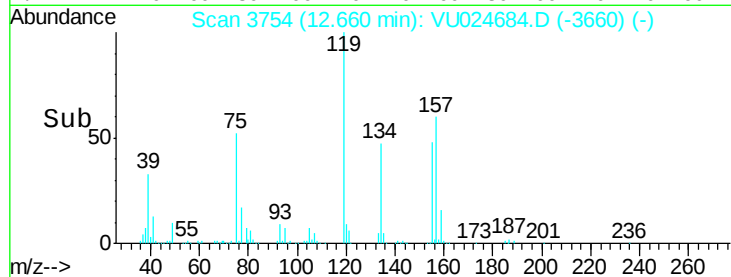
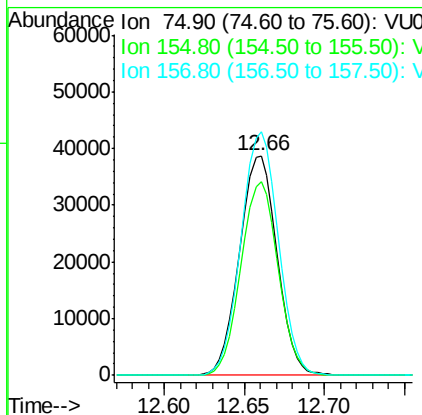
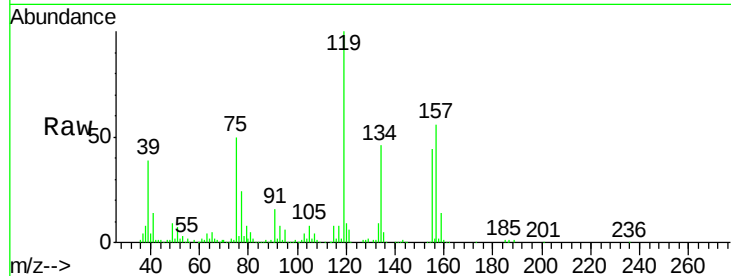
ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:	75	Resp:	62026
Ion	Ratio	Lower	Upper
75	100		
155	87.0	40.4	121.2
157	110.4	52.3	156.8

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#93

1,2,4-Trichlorobenzene

Concen: 52.26 ug/l

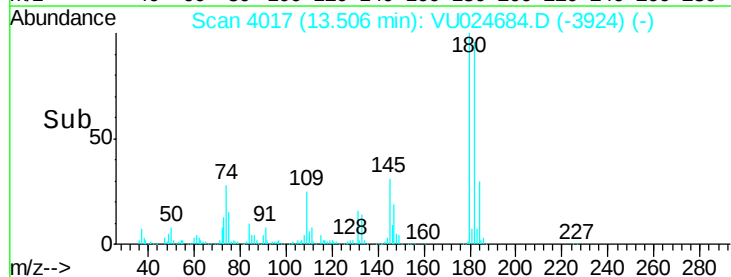
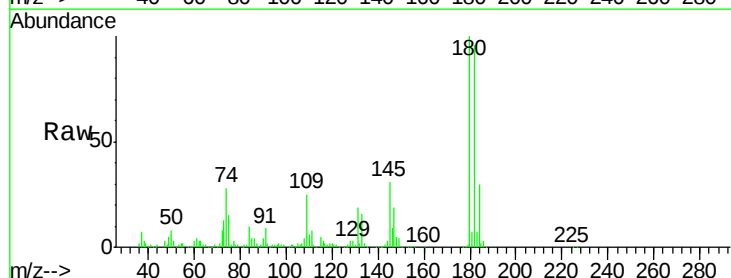
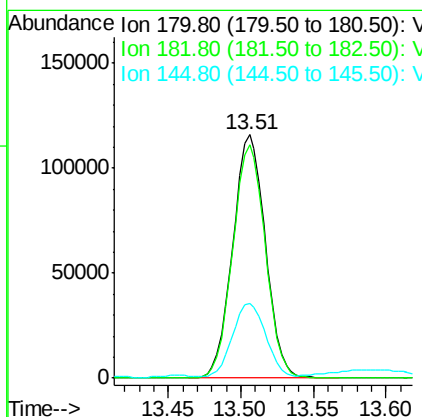
RT: 13.51 min Scan# 4017

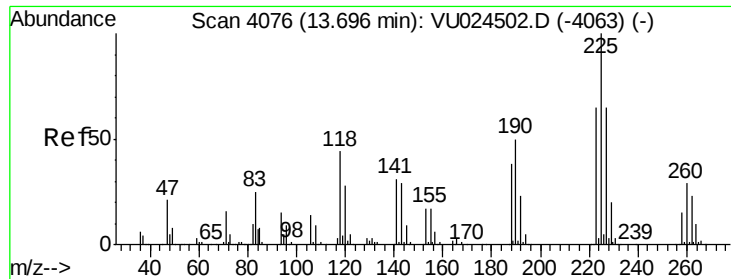
Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Tgt Ion:	180	Resp:	180989
Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	30.7	14.7	44.1





#94

Hexachlorobutadiene

Concen: 46.02 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. -0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Instrument :

MSVOA_U

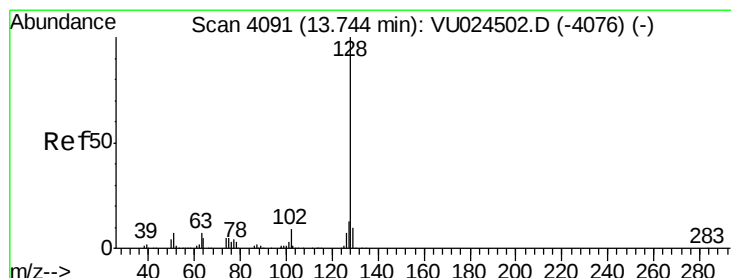
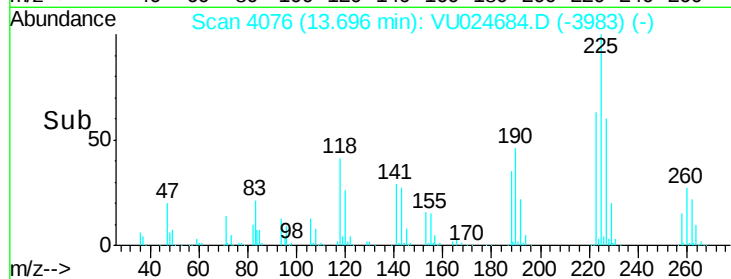
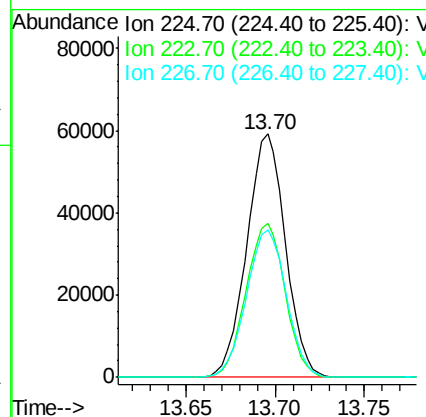
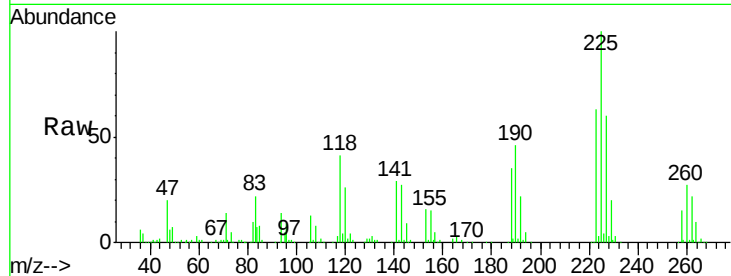
ClientSampleId :

T11-MW-10-8.0-061218MS

Tot Ion:	225	Resp:	89702
Ion Ratio		Lower	Upper
225	100		
223	63.7	31.3	93.8
227	62.3	31.8	95.4

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#95

Naphthalene

Concen: 55.47 ug/l

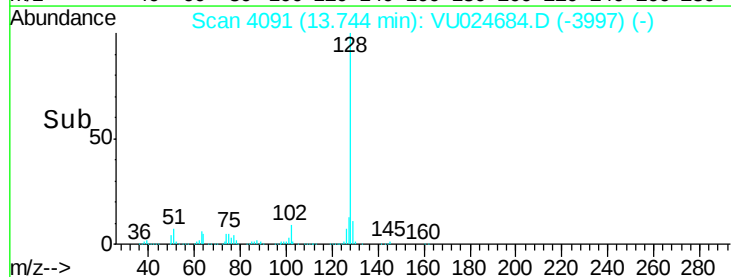
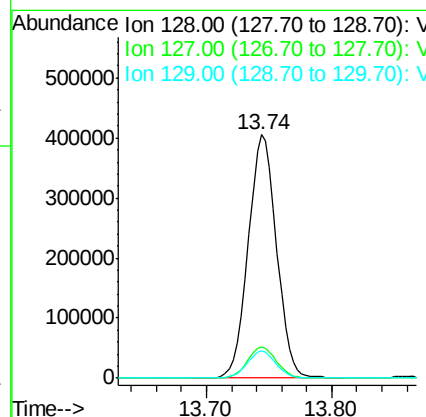
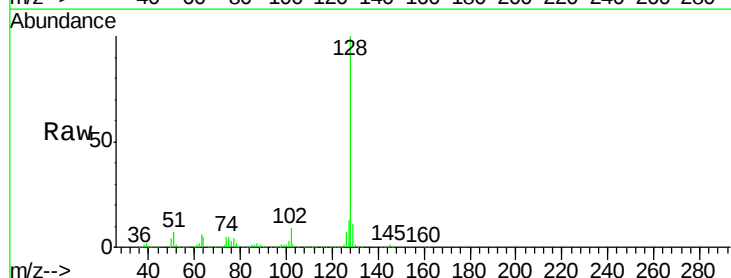
RT: 13.74 min Scan# 4091

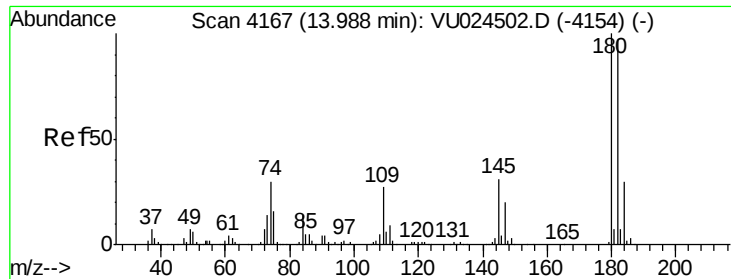
Delta R.T. 0.00 min

Lab File: VU024684.D

Acq: 18 Jun 2018 12:11

Tgt Ion:	128	Resp:	636740
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.6	16.0
129	10.7	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 56.92 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. -0.00 min
 Lab File: VU024684.D
 Acq: 18 Jun 2018 12:11

Instrument :
 MSVOA_U
 ClientSampleId :
 T11-MW-10-8.0-061218MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.6	47.9	143.7
145	38.0	15.4	46.1

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