

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061818\
 Data File : VU024685.D
 Acq On : 18 Jun 2018 12:35
 Operator : MD/SY
 Sample : J3463-07MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 6/19/2018 1:55:00 PM

Quant Time: Jun 18 18:00:46 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	168024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	279690	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	263757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	152585	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	135922	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.10%		
35) Dibromofluoromethane	4.89	113	114745	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.86%		
50) Toluene-d8	7.57	98	418124	49.38	ug/l	0.00
Spiked Amount 50.000			Recovery =	98.76%		
62) 4-Bromofluorobenzene	10.31	95	162709	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.80%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	83251	39.58	ug/l	100
3) Chloromethane	1.33	50	99134	46.14	ug/l	99
4) Vinyl Chloride	1.40	62	109376	49.36	ug/l	98
5) Bromomethane	1.62	94	59095	55.17	ug/l	99
6) Chloroethane	1.69	64	67208	54.37	ug/l	99
7) Trichlorofluoromethane	1.88	101	168697	49.89	ug/l	97
8) Diethyl Ether	2.10	74	67038	58.58	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	89430	42.63	ug/l	97
10) Methyl Iodide	2.41	142	107662	59.51	ug/l	98
11) Tert butyl alcohol	2.83	59	228235	342.12	ug/l	98
12) 1,1-Dichloroethene	2.28	96	90340	47.22	ug/l	93
13) Acrolein	2.19	56	60644	173.11	ug/l	98
14) Allyl chloride	2.59	41	152973	43.06	ug/l	94
15) Acrylonitrile	2.94	53	393379	303.07	ug/l	99
16) Acetone	2.32	43	374040	253.79	ug/l	95
17) Carbon Disulfide	2.48	76	275542	44.98	ug/l	99
18) Methyl Acetate	2.62	43	190454	60.28	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	527705	73.38	ug/l	97
20) Methylene Chloride	2.70	84	112976	48.85	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	102402	48.60	ug/l	95
22) Diisopropyl ether	3.57	45	367289	52.16	ug/l	97
23) Vinyl Acetate	3.53	43	1652455	261.96	ug/l	99
24) 1,1-Dichloroethane	3.45	63	205301	50.68	ug/l	99
25) 2-Butanone	4.26	43	576479	291.20	ug/l	98
26) 2,2-Dichloropropane	4.23	77	87844	22.84	ug/l	94
27) cis-1,2-Dichloroethene	4.23	96	123502	50.98	ug/l	92
28) Bromochloromethane	4.55	49	99655	55.85	ug/l	89
29) Tetrahydrofuran	4.64	42	367965	300.15	ug/l	96
30) Chloroform	4.68	83	208582	50.87	ug/l	100
31) Cyclohexane	5.00	56	174546	48.46	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	181853	47.96	ug/l	96
36) 1,1-Dichloropropene	5.14	75	145084	44.14	ug/l	96
37) Ethyl Acetate	4.38	43	204223	57.01	ug/l	97
38) Carbon Tetrachloride	5.14	117	167752	46.42	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	6.42	83	166840	40.68	ug/l	94
40) Benzene	5.39	78	454670	48.55	ug/l	100
41) Methacrylonitrile	4.54	41	109219	56.55	ug/l	96
42) 1,2-Dichloroethane	5.41	62	167826	47.05	ug/l	98
43) Isopropyl Acetate	5.55	43	317682	51.31	ug/l	97
44) Trichloroethene	6.19	130	121702	45.66	ug/l	96
45) 1,2-Dichloropropane	6.44	63	124348	49.76	ug/l	96
46) Dibromomethane	6.56	93	87023	49.58	ug/l	94
47) Bromodichloromethane	6.76	83	166621	47.67	ug/l	99
48) Methyl methacrylate	6.63	41	155892	51.70	ug/l	98
49) 1,4-Dioxane	6.61	88	75668	1283.30	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	1120516	288.05	ug/l	98
52) Toluene	7.64	92	289347	48.02	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	166617	42.45	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	174366	41.69	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	123526	50.44	ug/l	98
56) Ethyl methacrylate	8.02	69	208936	50.97	ug/l	99
57) 1,3-Dichloropropane	8.25	76	207423	50.21	ug/l	98
59) 2-Hexanone	8.36	43	916517	288.59	ug/l	99
60) Dibromochloromethane	8.48	129	146148	47.85	ug/l	98
61) 1,2-Dibromoethane	8.59	107	138458	50.79	ug/l	99
64) Tetrachloroethene	8.23	164	105836	42.21	ug/l	96
65) Chlorobenzene	9.12	112	331974	49.27	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	127667	49.87	ug/l	98
67) Ethyl Benzene	9.25	91	565366	47.86	ug/l	97
68) m/p-Xylenes	9.38	106	439061	96.80	ug/l	97
69) o-Xylene	9.78	106	223954	49.89	ug/l	94
70) Styrene	9.80	104	356552	48.33	ug/l	99
71) Bromoform	9.96	173	122808	50.47	ug/l #	99
73) Isopropylbenzene	10.17	105	595740	50.85	ug/l	98
74) N-amyl acetate	10.01	43	304547	54.66	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	220191	56.09	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	184306m	54.86	ug/l	
77) Bromobenzene	10.45	156	150614	50.78	ug/l	95
78) n-propylbenzene	10.59	91	665450	48.22	ug/l	97
79) 2-Chlorotoluene	10.66	91	401401	49.32	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	506367	49.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	60706m	41.82	ug/l	
82) 4-Chlorotoluene	10.78	91	463733	48.96	ug/l	99
83) tert-Butylbenzene	11.10	119	509796	52.19	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	518712	50.13	ug/l	99
85) sec-Butylbenzene	11.33	105	613675	50.19	ug/l	96
86) p-Isopropyltoluene	11.48	119	531480	48.54	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	273155	49.85	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	272873	49.48	ug/l	99
89) n-Butylbenzene	11.89	91	456204	46.93	ug/l	97
90) Hexachloroethane	12.15	117	106283	49.76	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	281720	51.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	65511	60.48	ug/l	94
93) 1,2,4-Trichlorobenzene	13.51	180	189645	55.96	ug/l	99

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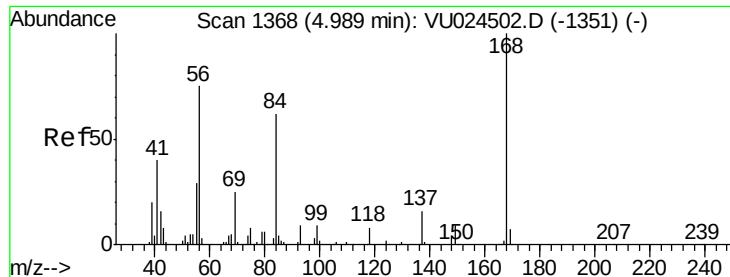
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	93086	48.80	ug/l	98
95) Naphthalene	13.74	128	679592	60.43	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	203708	60.32	ug/l	96

(#) = 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: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion:168 Resp: 168024

Ion Ratio Lower Upper

168 100

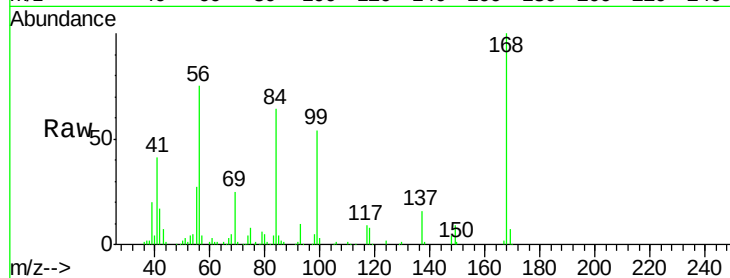
99 53.1 43.2 64.8

Manual Integrations

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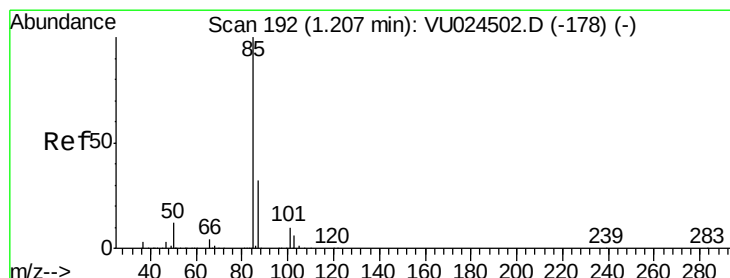
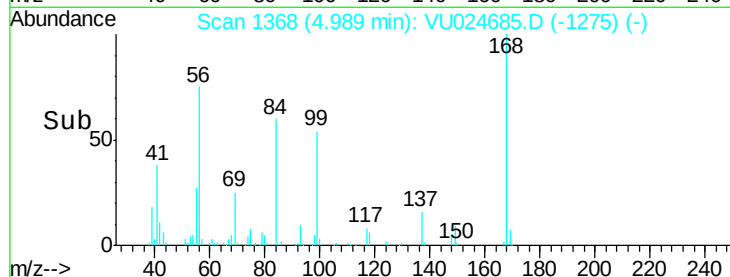
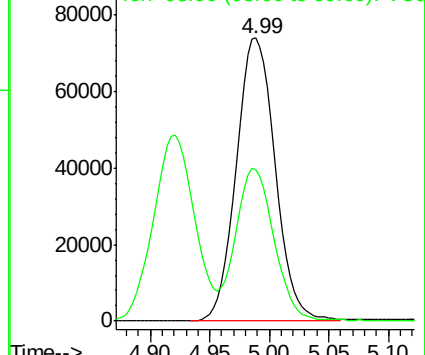
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Abundance Ion 167.90 (167.60 to 168.60): VU024502.D (-1351) (-)

Ion 98.90 (98.60 to 99.60): VU024502.D (-1351) (-)



#2

Dichlorodifluoromethane

Concen: 39.58 ug/l

RT: 1.21 min Scan# 192

Delta R.T. 0.00 min

Lab File: VU024685.D

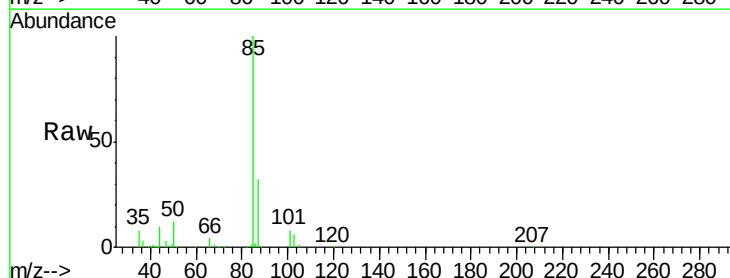
Acq: 18 Jun 2018 12:35

Tgt Ion: 85 Resp: 83251

Ion Ratio Lower Upper

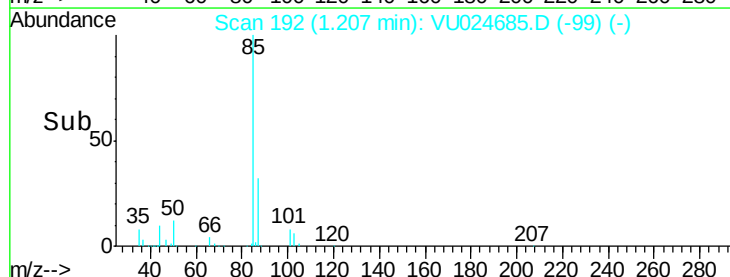
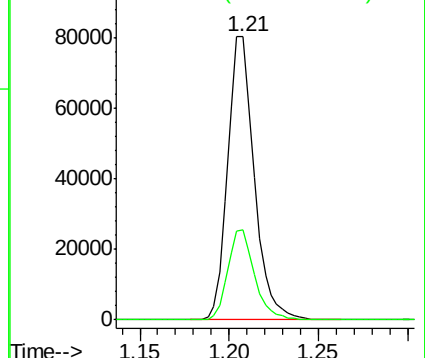
85 100

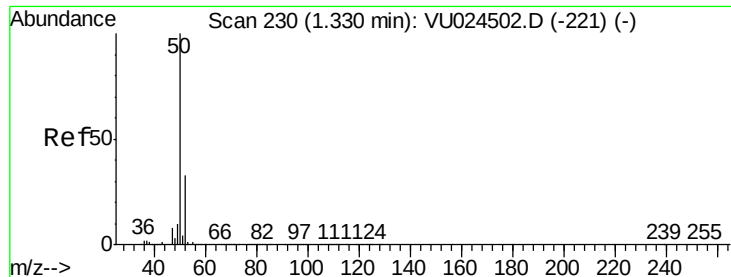
87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU024502.D (-178) (-)

Ion 86.90 (86.60 to 87.60): VU024502.D (-178) (-)





#3

Chloromethane

Concen: 46.14 ug/l

RT: 1.33 min Scan# 230

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion: 50 Resp: 99134

Ion Ratio Lower Upper

50 100

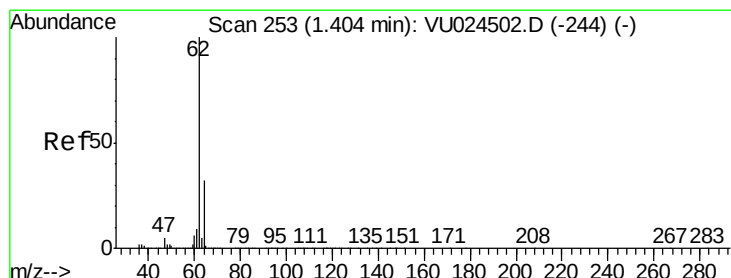
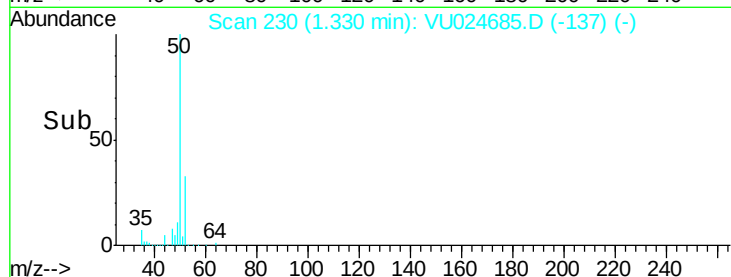
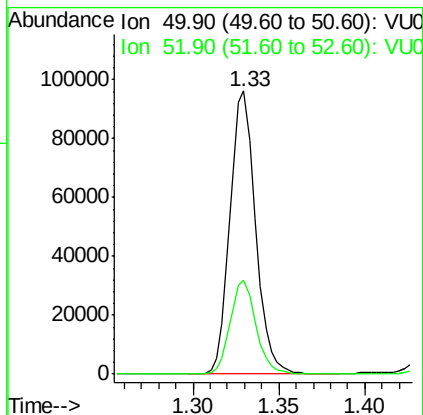
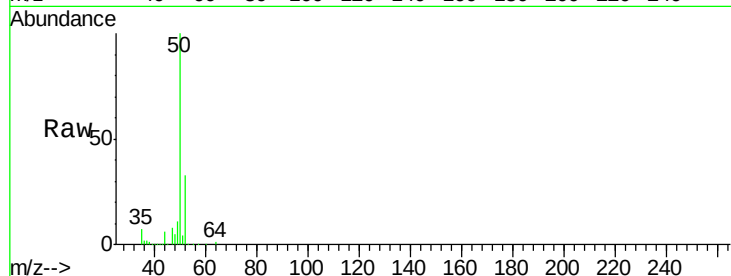
52 33.4 26.4 39.6

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#4

Vinyl Chloride

Concen: 49.36 ug/l

RT: 1.40 min Scan# 253

Delta R.T. 0.00 min

Lab File: VU024685.D

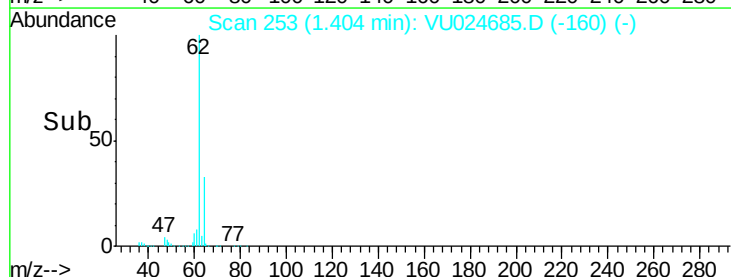
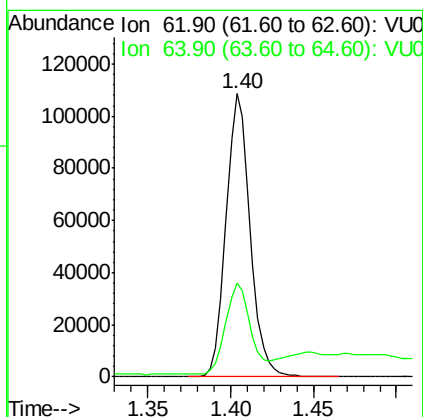
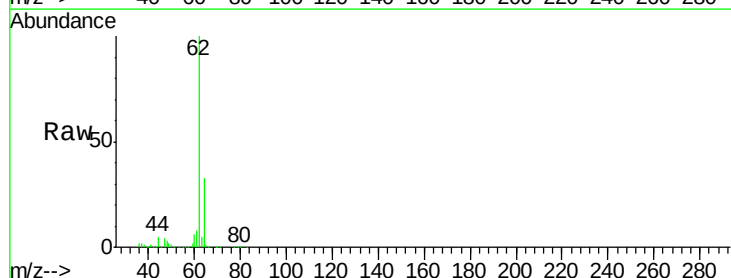
Acq: 18 Jun 2018 12:35

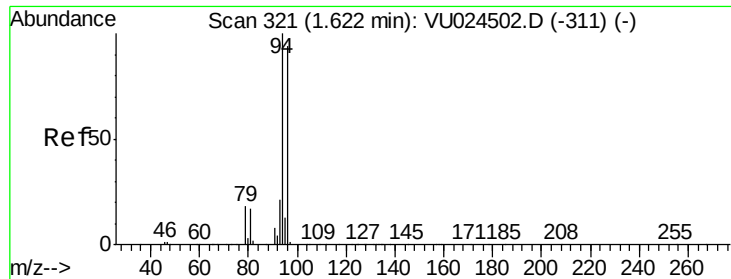
Tgt Ion: 62 Resp: 109376

Ion Ratio Lower Upper

62 100

64 32.1 24.8 37.2





#5

Bromomethane

Concen: 55.17 ug/l

RT: 1.62 min Scan# 319

Delta R.T. -0.01 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 59095

Ion Ratio Lower Upper

94 100

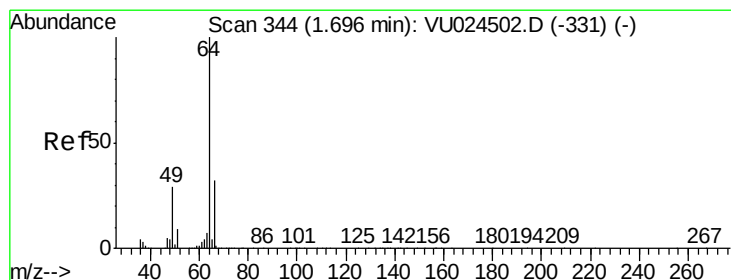
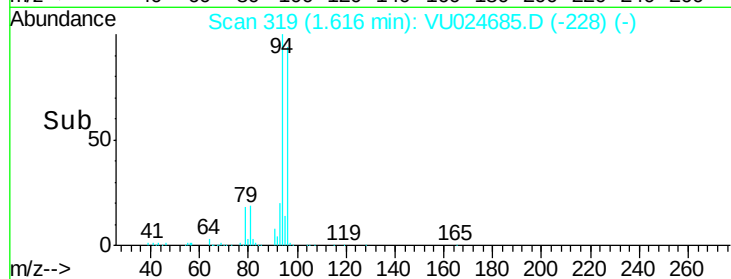
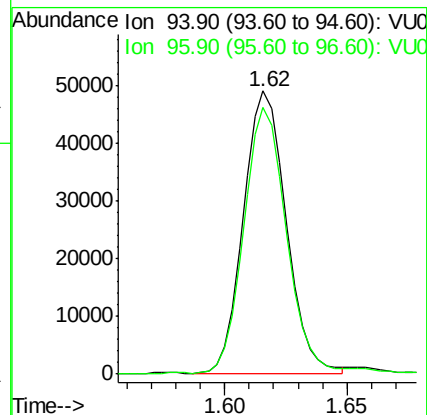
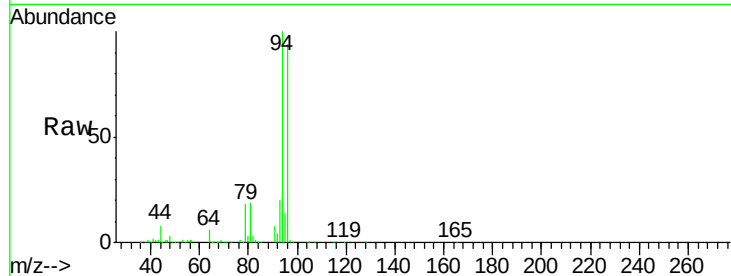
96 94.1 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 54.37 ug/l

RT: 1.69 min Scan# 343

Delta R.T. -0.00 min

Lab File: VU024685.D

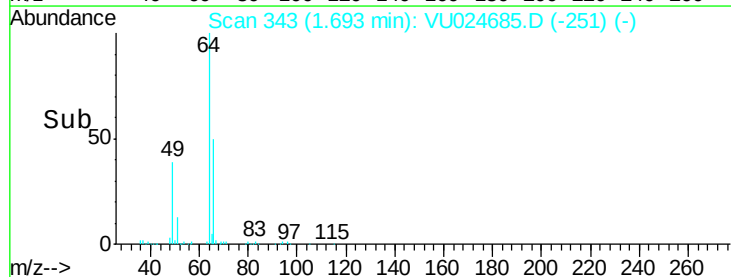
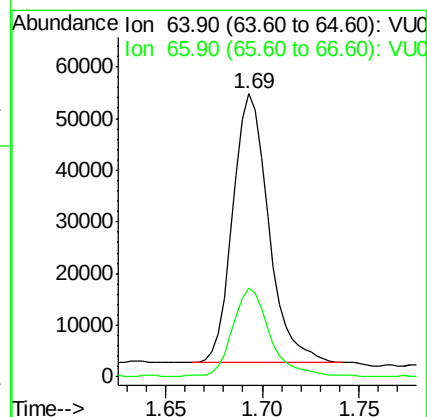
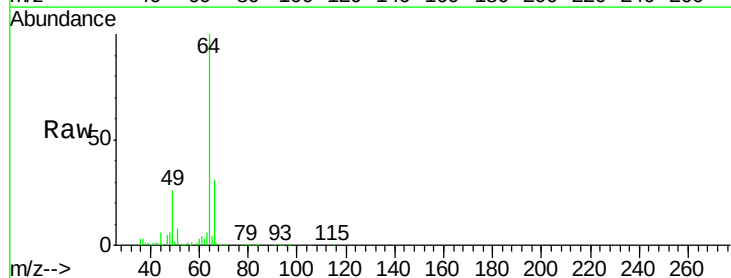
Acq: 18 Jun 2018 12:35

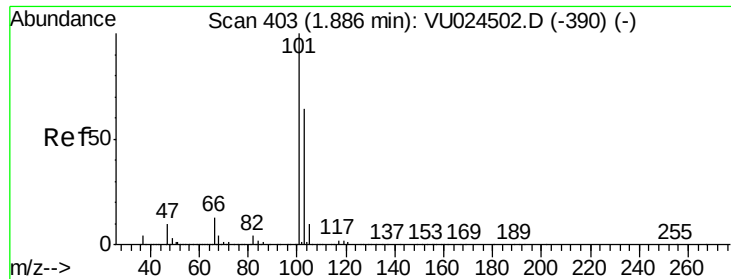
Tgt Ion: 64 Resp: 67208

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3





#7

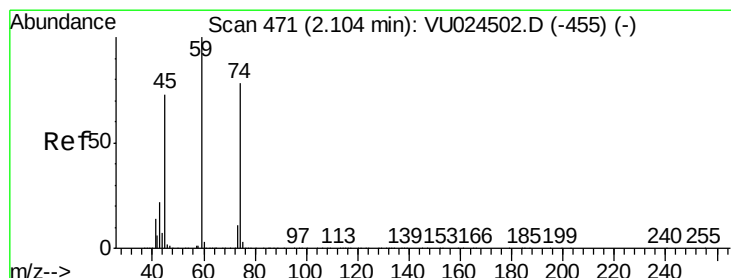
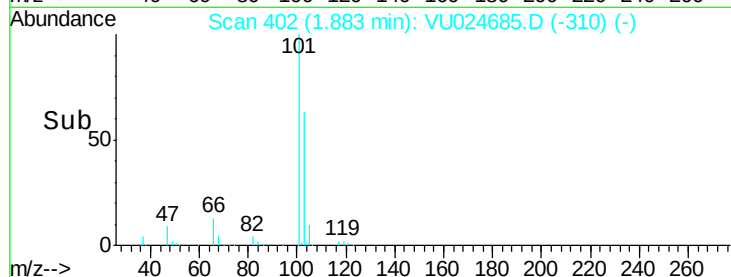
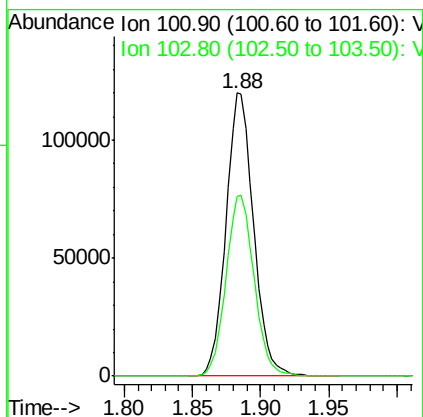
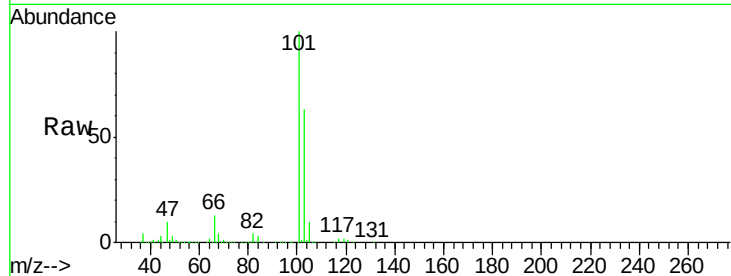
Trichlorofluoromethane
Concen: 49.89 ug/l
RT: 1.88 min Scan# 402
Delta R.T. -0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	52.3	78.5

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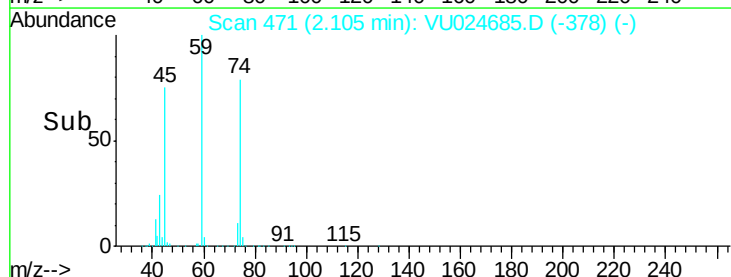
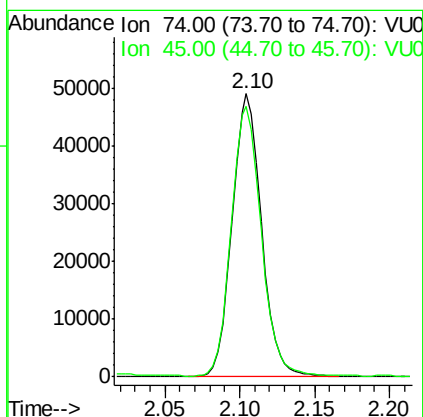
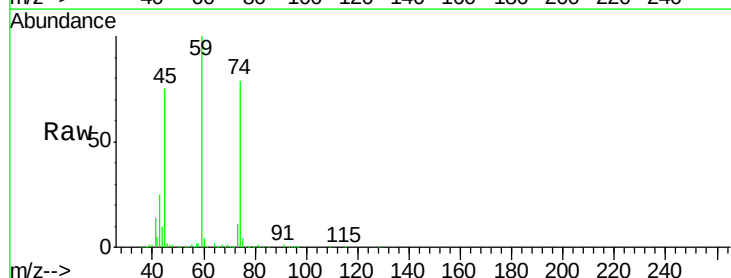
MMDadoda
6/19/2018 1:55:00 PM

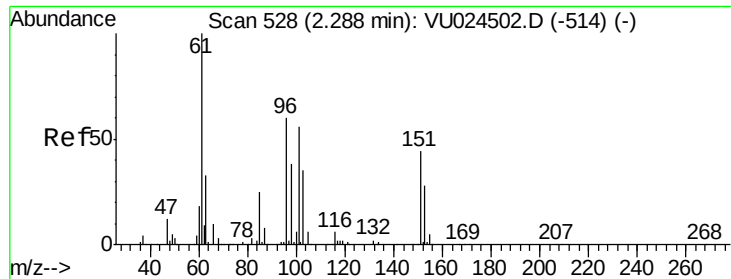


#8

Diethyl Ether
Concen: 58.58 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.0	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.63 ug/l

RT: 2.29 min Scan# 528

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

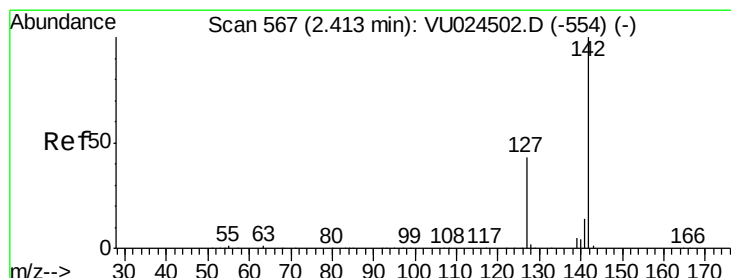
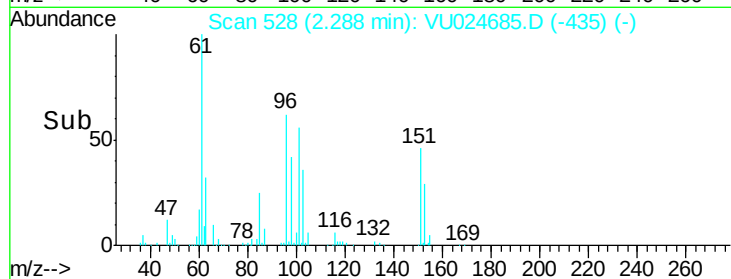
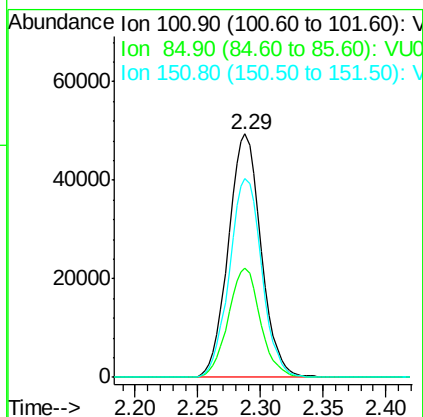
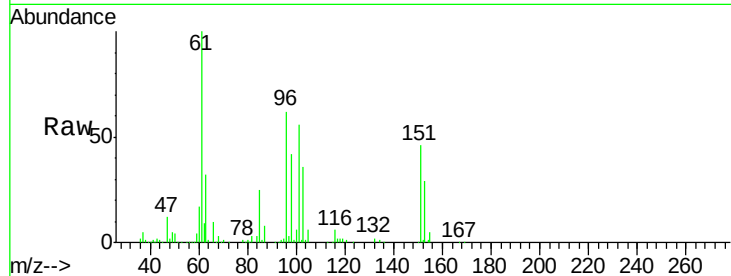
ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion:	101	Resp:	89430
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.0	54.0
151	81.1	62.3	93.5

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:55:00 PM



#10

Methyl Iodide

Concen: 59.51 ug/l

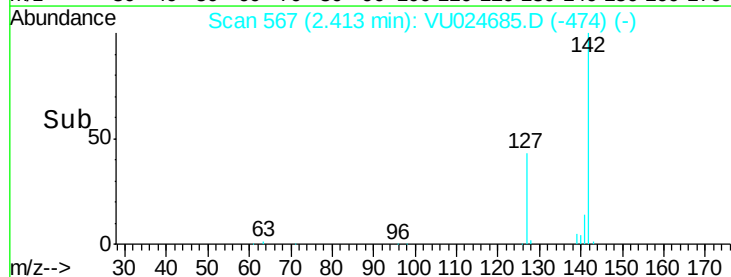
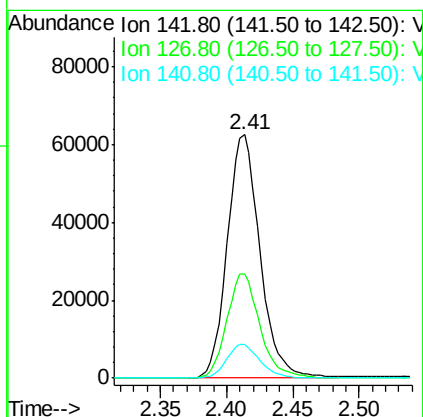
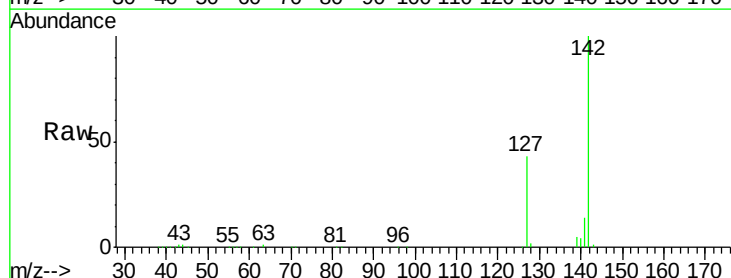
RT: 2.41 min Scan# 567

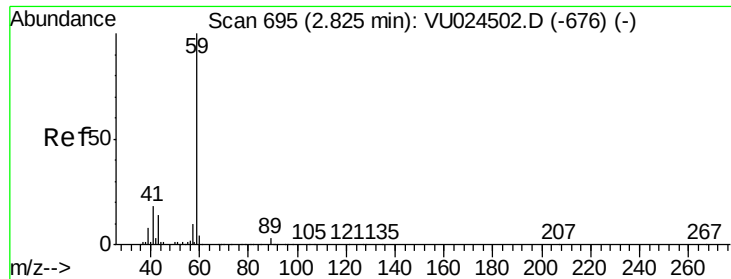
Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Tgt Ion:	142	Resp:	107662
Ion Ratio	Lower	Upper	
142	100		
127	42.9	35.6	53.4
141	14.0	11.7	17.5





#11

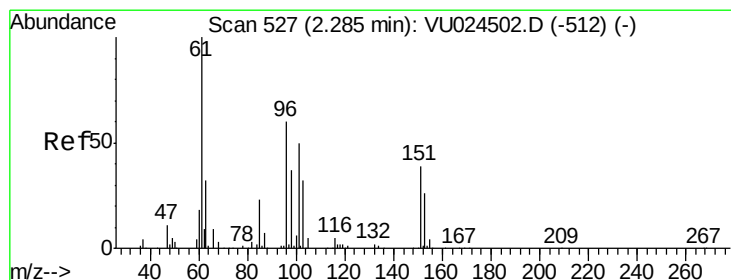
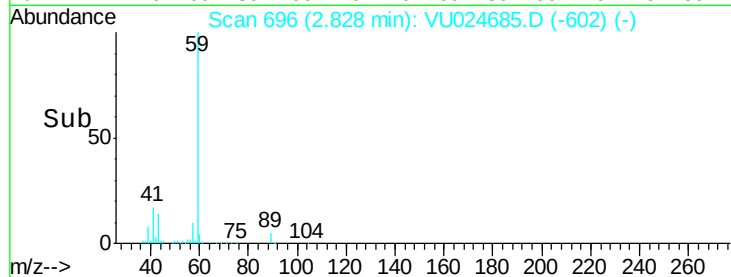
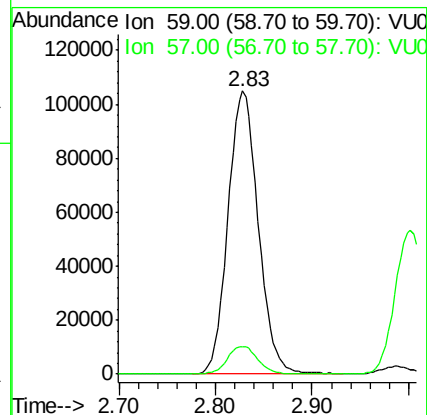
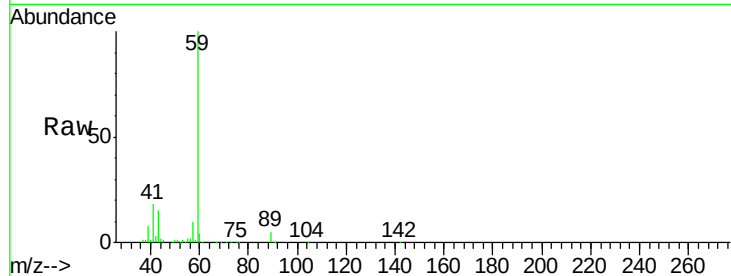
Tert butyl alcohol
Concen: 342.12 ug/l
RT: 2.83 min Scan# 696
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.5	12.7

Manual Integrations
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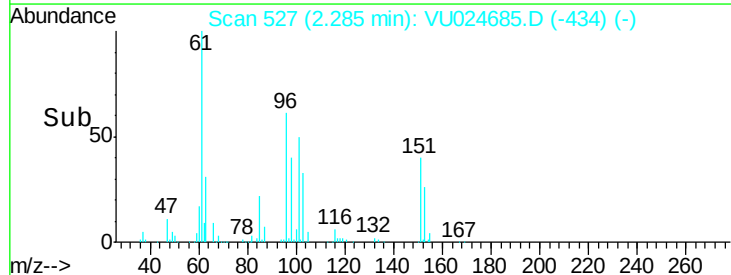
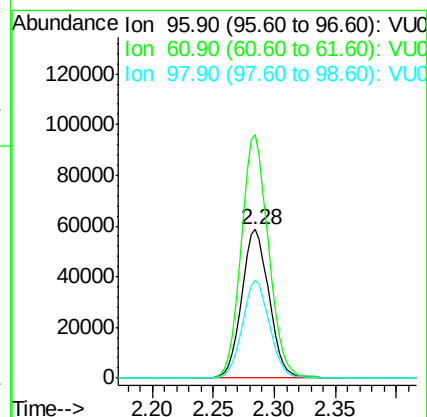
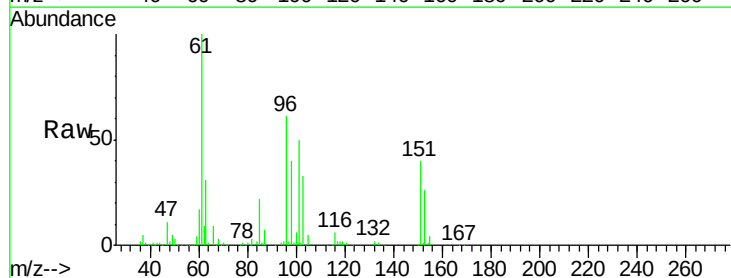
MMDadoda
6/19/2018 1:55:00 PM

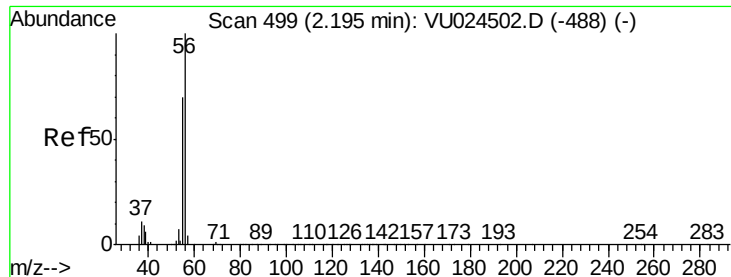


#12

1,1-Dichloroethene
Concen: 47.22 ug/l
RT: 2.28 min Scan# 527
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.9	141.7	212.5
98	65.9	51.6	77.4





#13

Acrolein

Concen: 173.11 ug/l

RT: 2.19 min Scan# 499

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion: 56 Resp: 60644

Ion Ratio Lower Upper

56 100

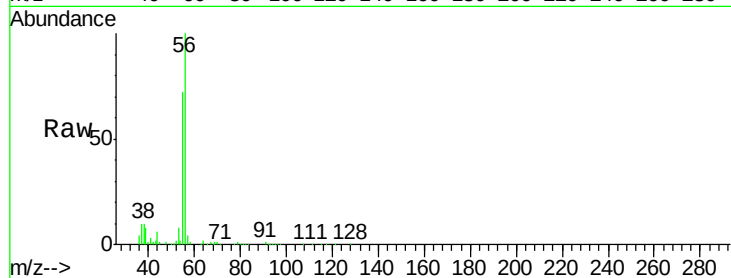
55 74.4 58.4 87.6

Manual Integrations

APPROVED

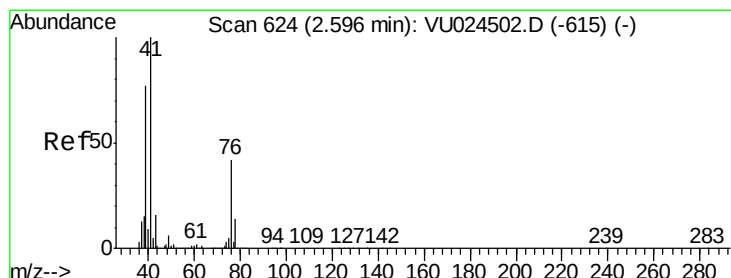
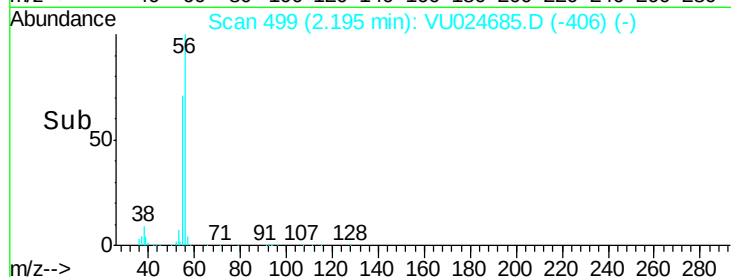
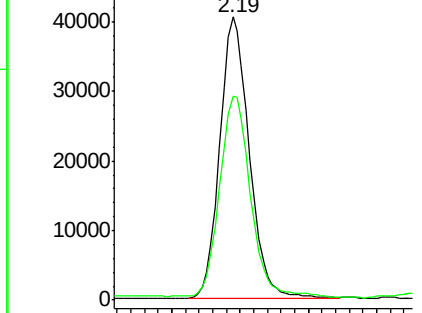
MMDadoda

6/19/2018 1:55:00 PM



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 43.06 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

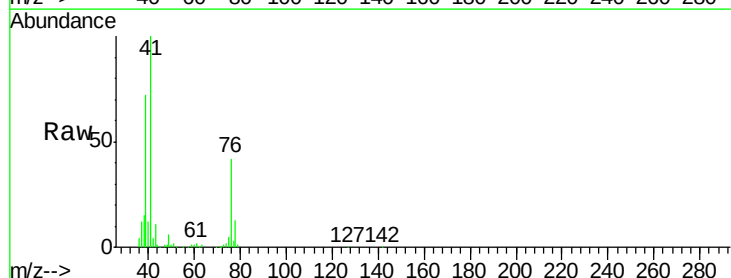
Tgt Ion: 41 Resp: 152973

Ion Ratio Lower Upper

41 100

39 70.6 61.6 92.4

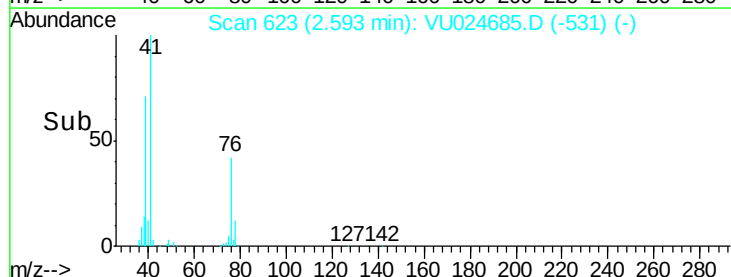
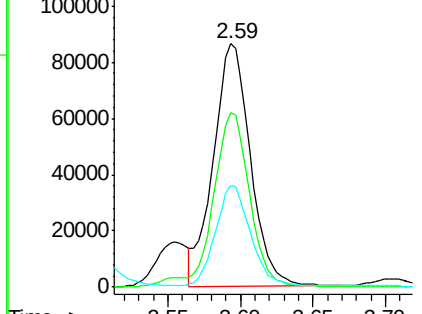
76 38.5 29.7 44.5

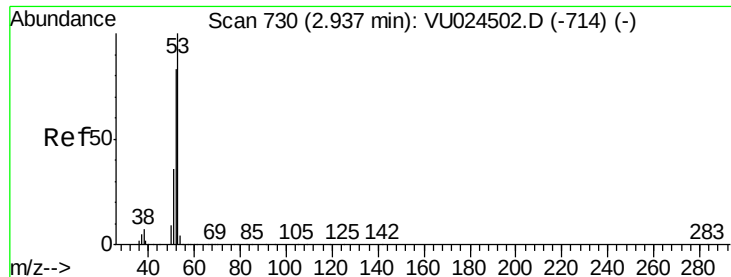


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 303.07 ug/l

RT: 2.94 min Scan# 730

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

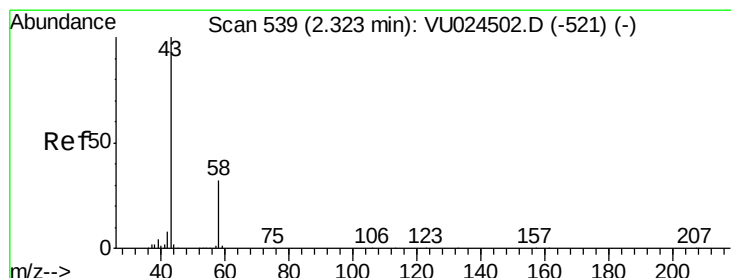
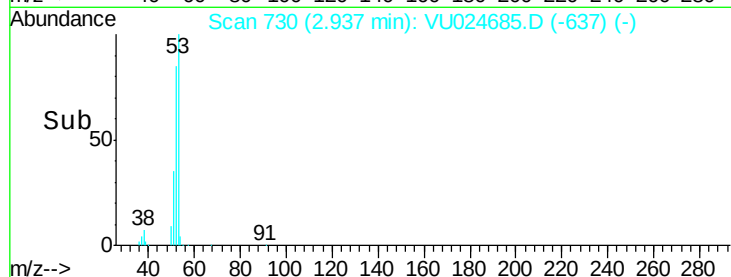
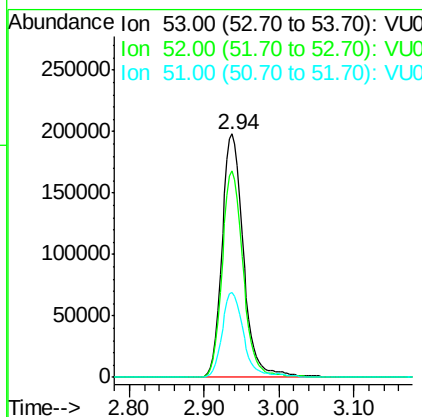
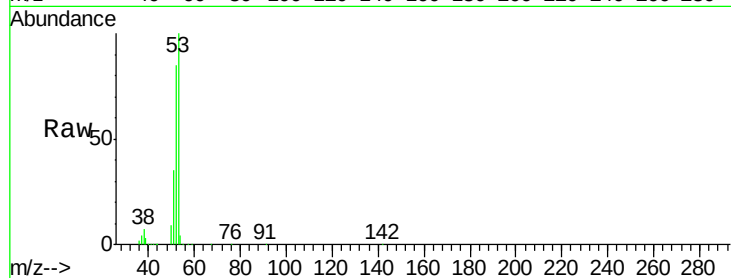
ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion:	53	Resp:	393379
Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.1	100.7
51	34.4	28.4	42.6

Manual Integrations
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MMDadoda
6/19/2018 1:55:00 PM



#16

Acetone

Concen: 253.79 ug/l

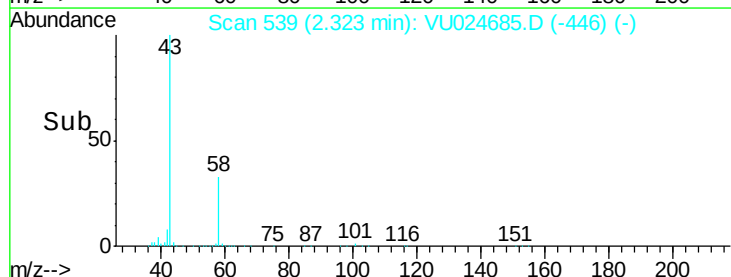
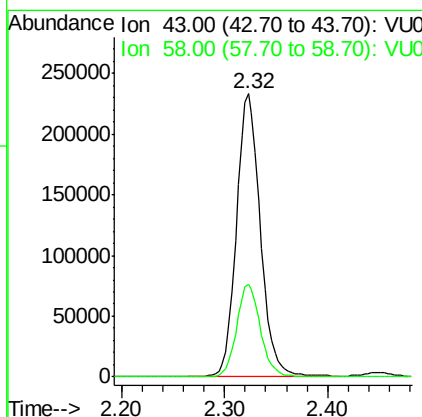
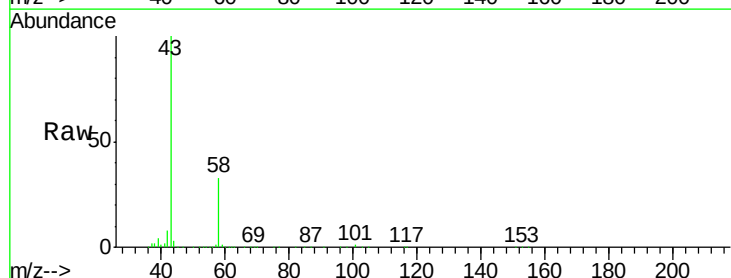
RT: 2.32 min Scan# 539

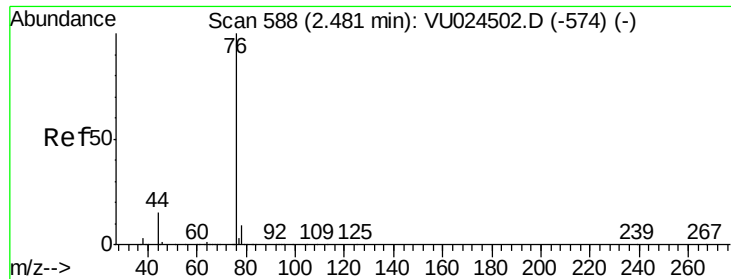
Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Tgt Ion:	43	Resp:	374040
Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.4	36.6





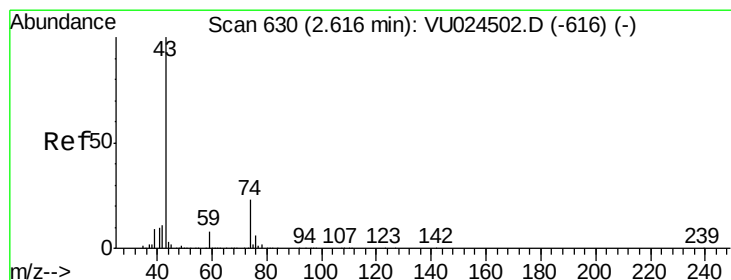
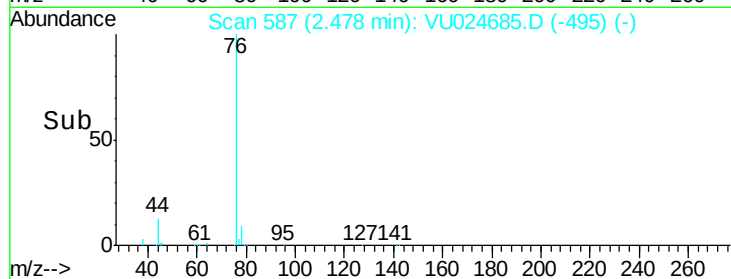
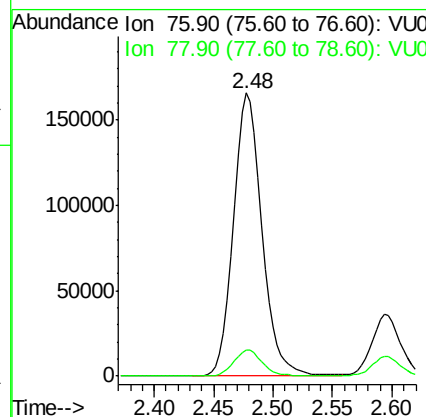
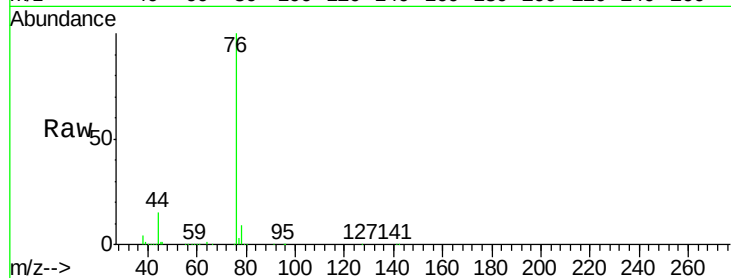
#17
Carbon Disulfide
Concen: 44.98 ug/l
RT: 2.48 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

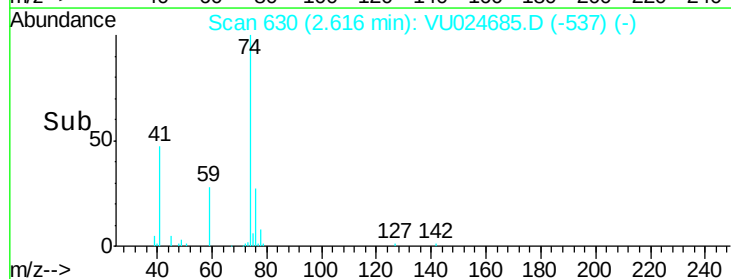
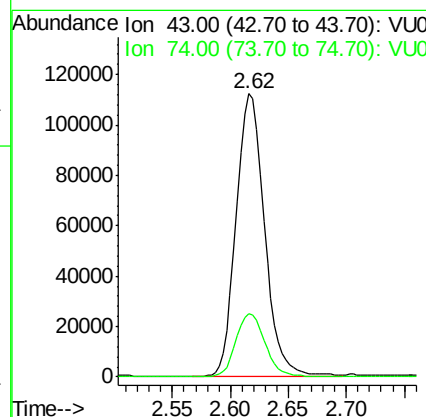
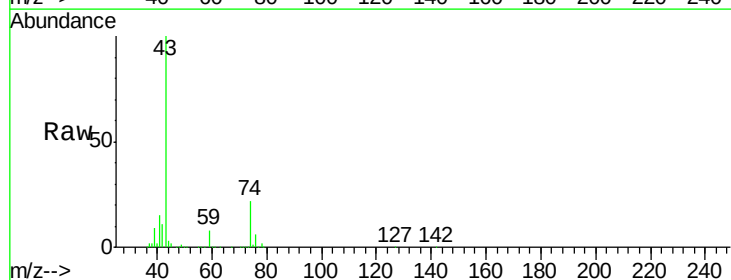
Manual Integrations
APPROVED

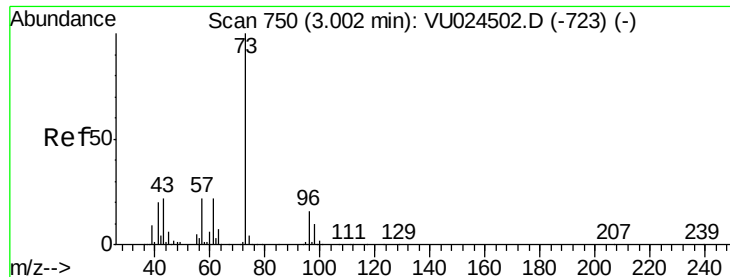
MMDadoda
6/19/2018 1:55:00 PM



#18
Methyl Acetate
Concen: 60.28 ug/l
RT: 2.62 min Scan# 630
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.0	27.0





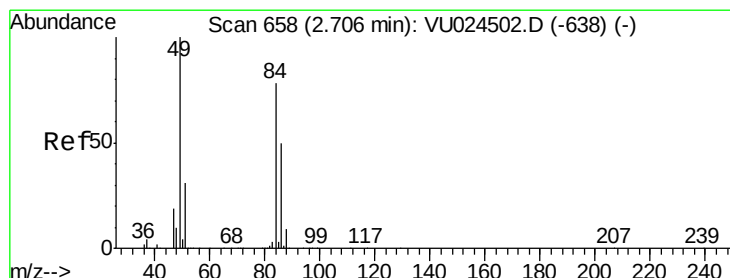
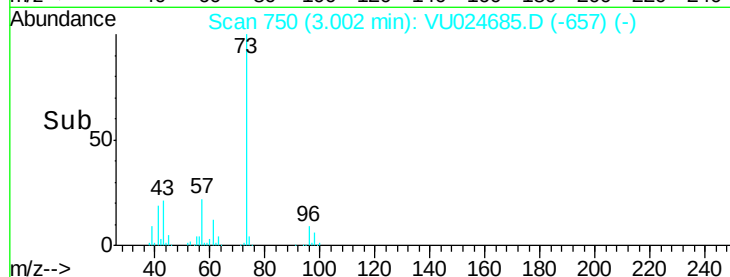
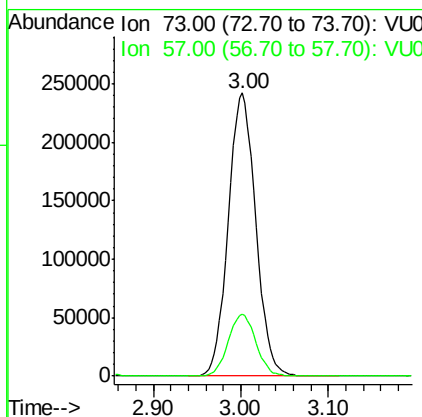
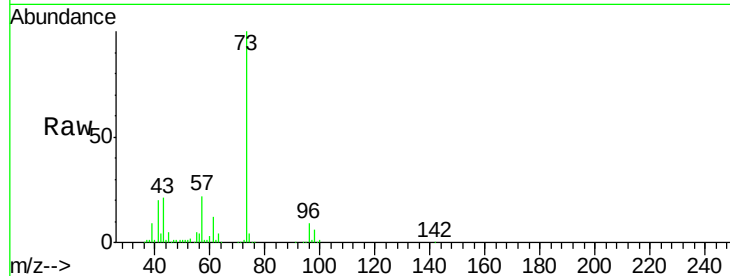
#19
Methvl tert-butvl Ether
Concen: 73.38 ug/l
RT: 3.00 min Scan# 750
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	18.8	28.2

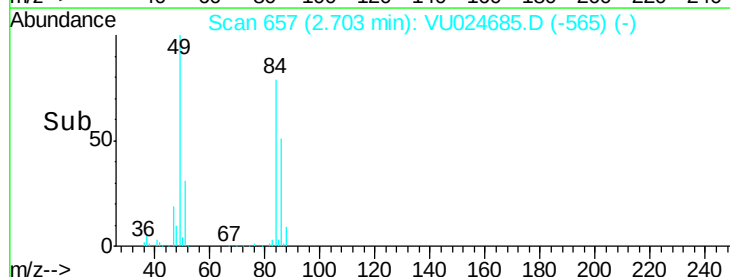
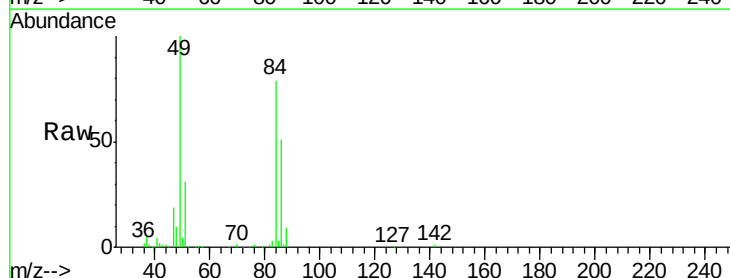
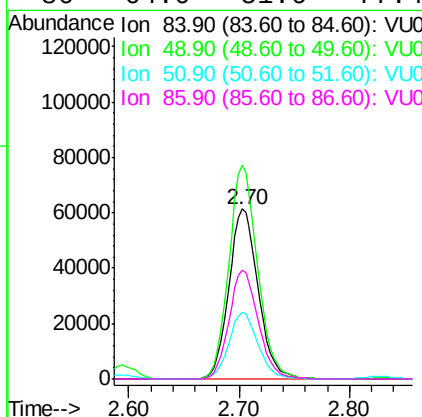
Manual Integrations
APPROVED

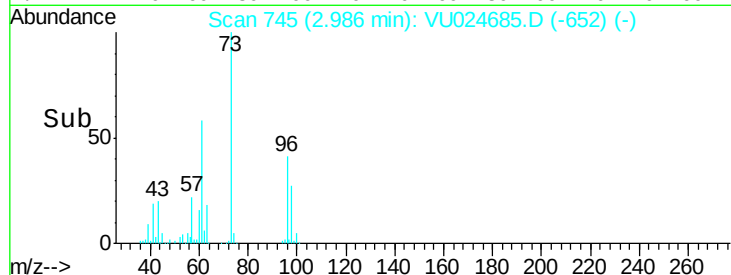
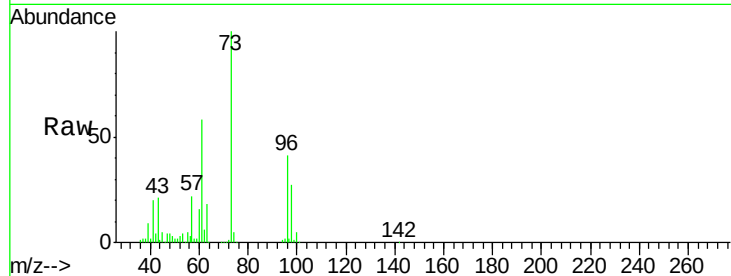
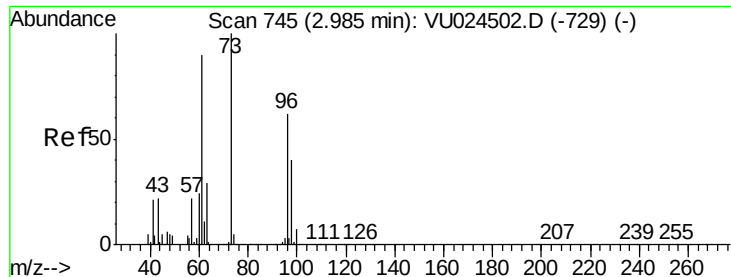
MMDadoda
6/19/2018 1:55:00 PM



#20
Methylene Chloride
Concen: 48.85 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.9	103.8	155.8
51	39.1	32.0	48.0
86	64.0	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 48.60 ug/l

RT: 2.99 min Scan# 745

Delta R.T. 0.00 min

Lab File: VU024685.D

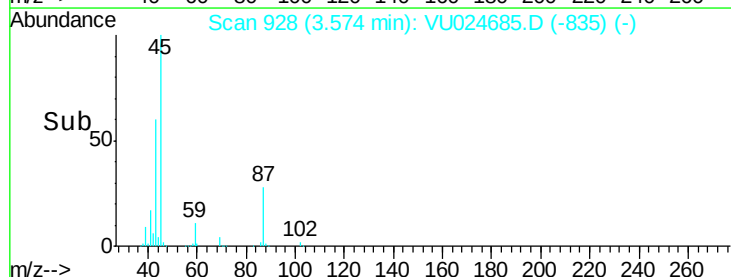
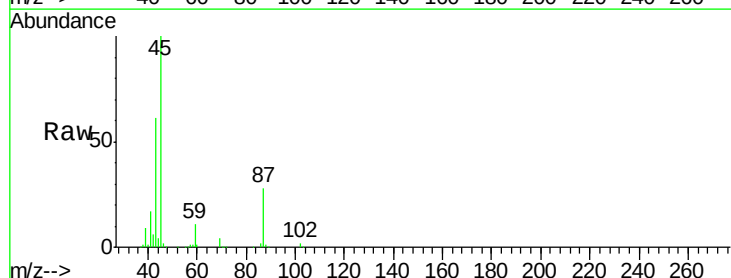
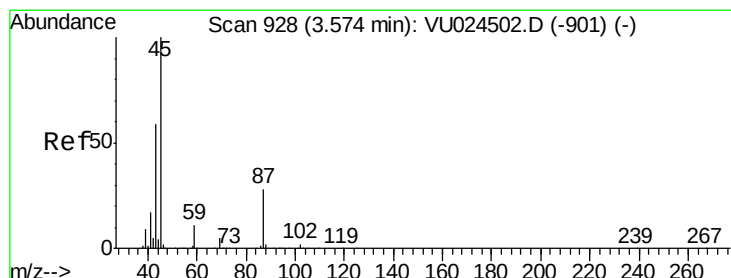
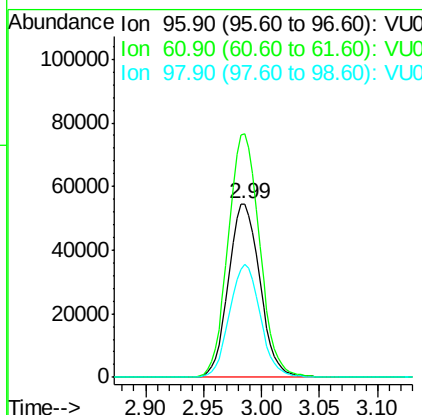
Acq: 18 Jun 2018 12:35

Tot Ion:	96	Resp:	102402
Ion Ratio	Lower	Upper	
96	100		
61	140.5	119.4	179.0
98	65.0	51.1	76.7

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

Manual Integrations
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MMDadoda
6/19/2018 1:55:00 PM



#22

Diisopropyl ether

Concen: 52.16 ug/l

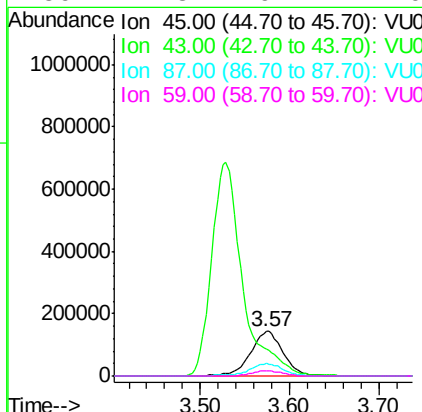
RT: 3.57 min Scan# 928

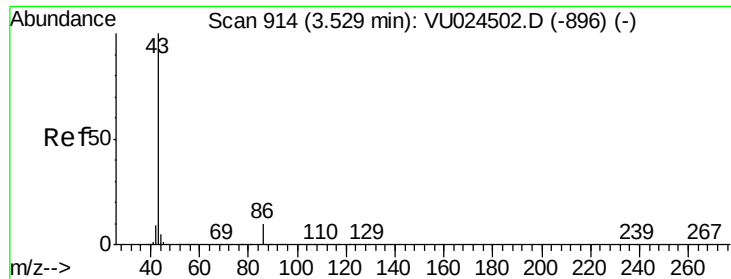
Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Tgt Ion:	45	Resp:	367289
Ion Ratio	Lower	Upper	
45	100		
43	59.1	45.8	68.6
87	27.6	20.6	31.0
59	11.3	9.4	14.0





#23

Vinyl Acetate

Concen: 261.96 ug/l

RT: 3.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion: 43 Resp: 1652455

Ion Ratio Lower Upper

43 100

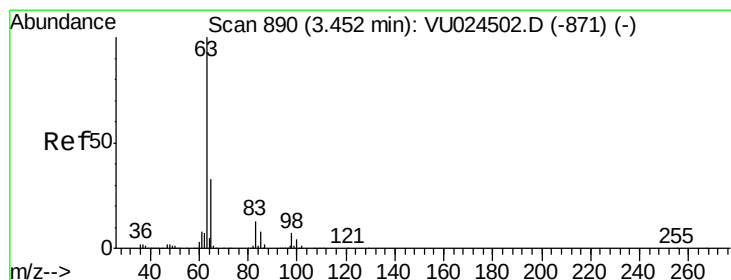
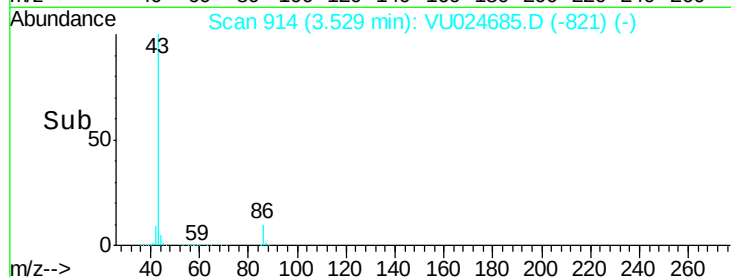
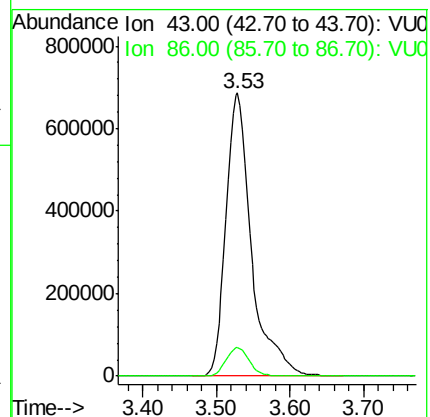
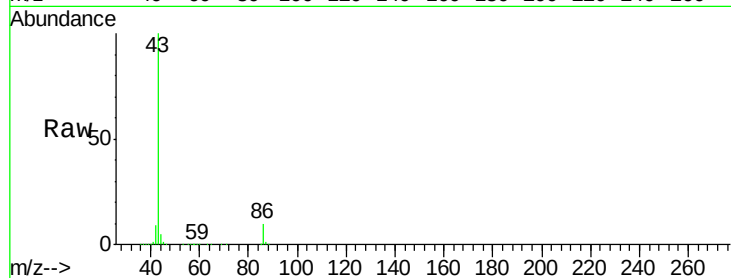
86 10.2 7.8 11.8

Manual Integrations

APPROVED

MMDadoda

6/19/2018 1:55:00 PM



#24

1,1-Dichloroethane

Concen: 50.68 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

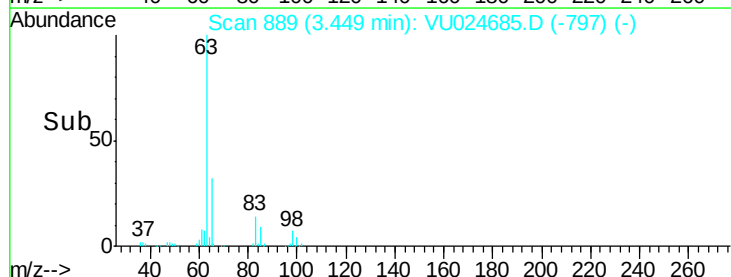
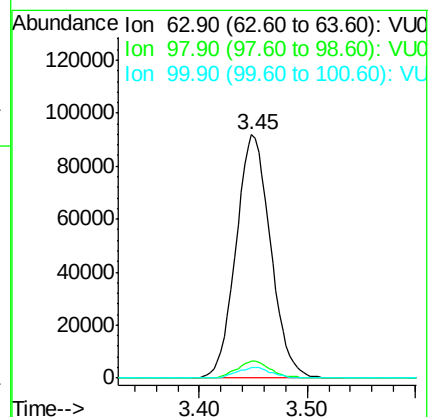
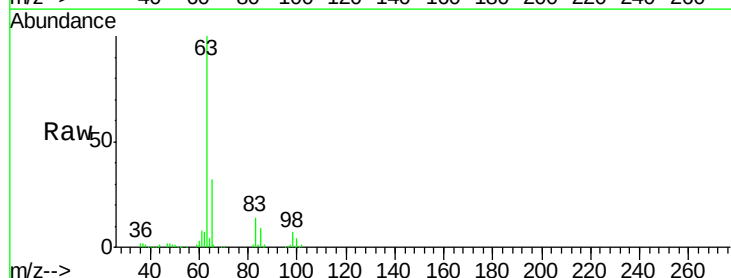
Tgt Ion: 63 Resp: 205301

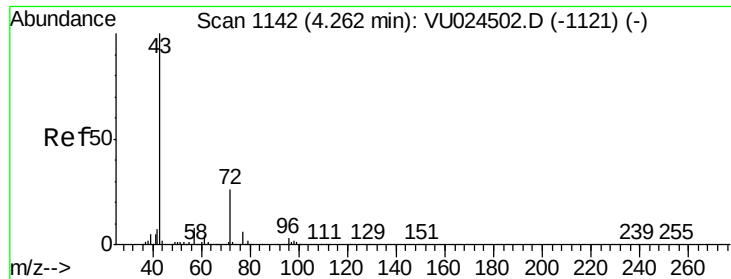
Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

100 4.4 1.8 5.5





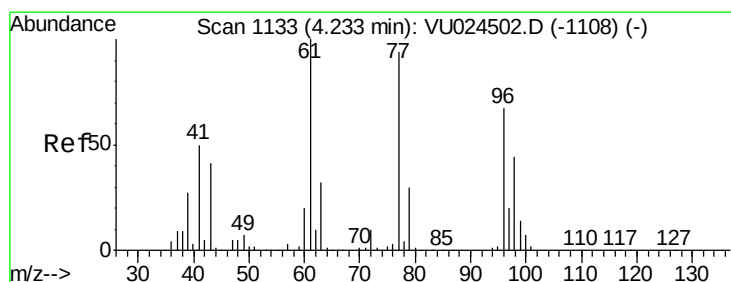
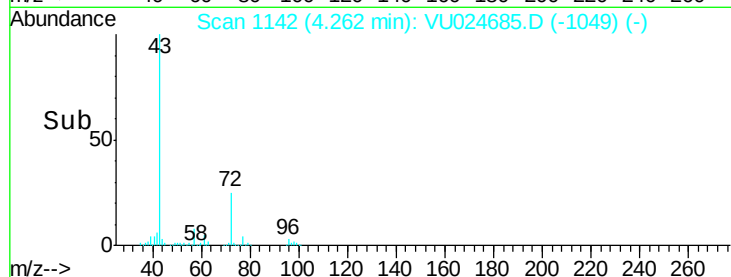
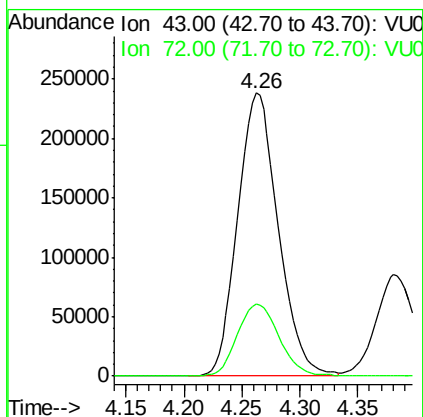
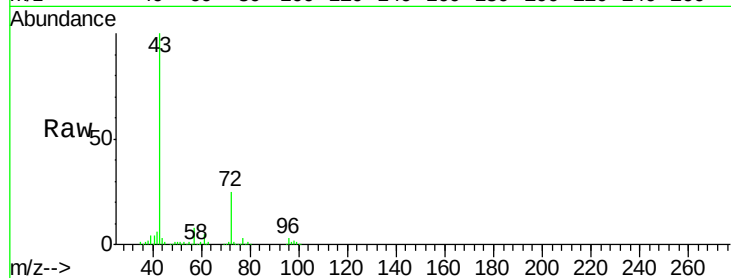
#25
2-Butanone
Concen: 291.20 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.3	19.6	29.4

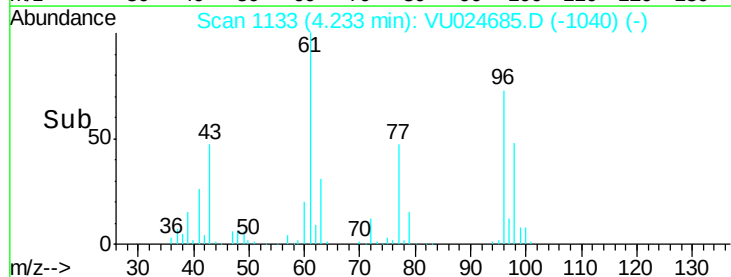
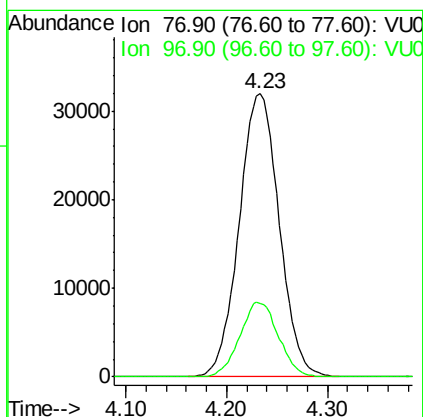
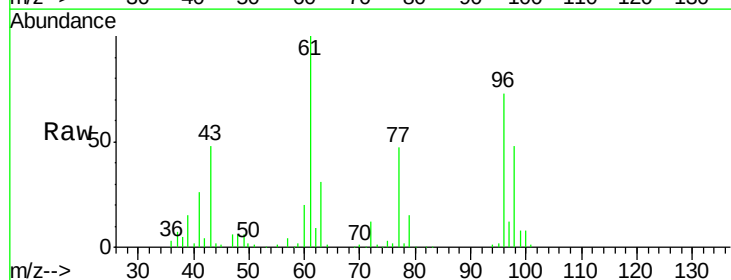
Manual Integrations
APPROVED

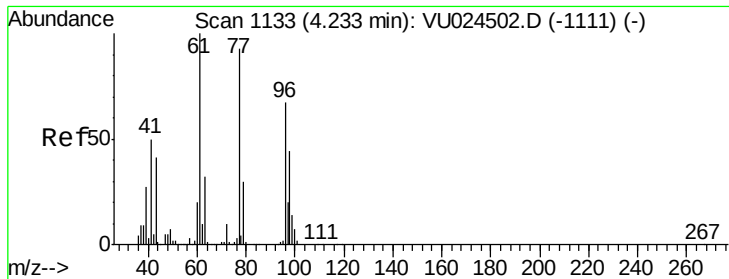
MMDadoda
6/19/2018 1:55:00 PM



#26
2,2-Dichloropropane
Concen: 22.84 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
77	100		
97	25.4	11.3	33.8





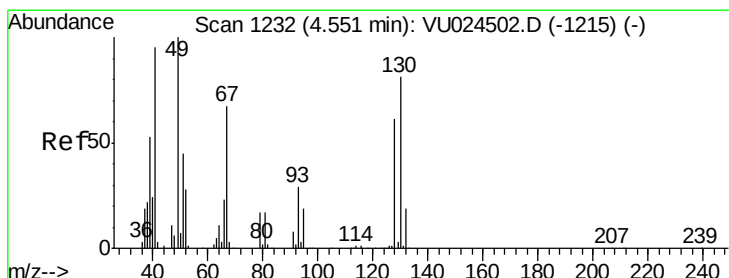
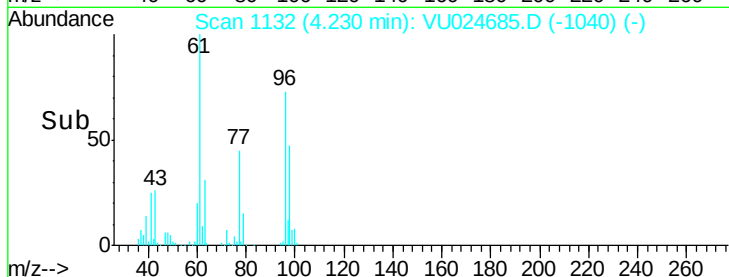
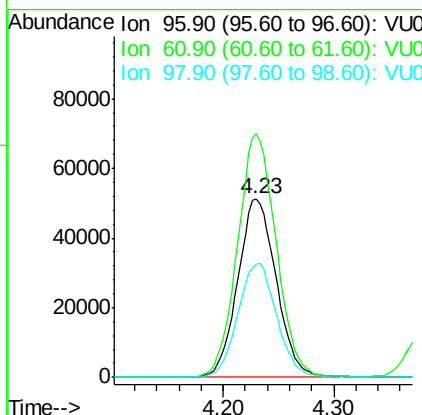
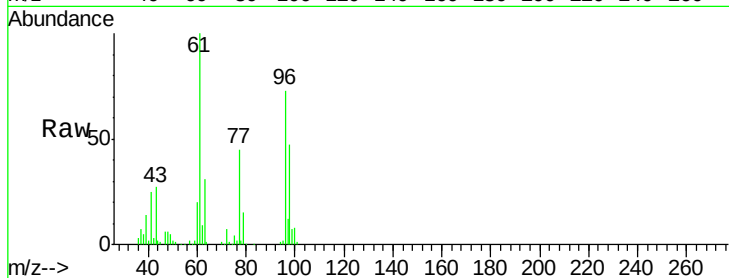
#27
 cis-1,2-Dichloroethene
 Concen: 50.98 ug/l
 RT: 4.23 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Resp	Lower	Upper
96	100	123502		
61	137.9	0.0	306.6	
98	64.4	0.0	128.8	

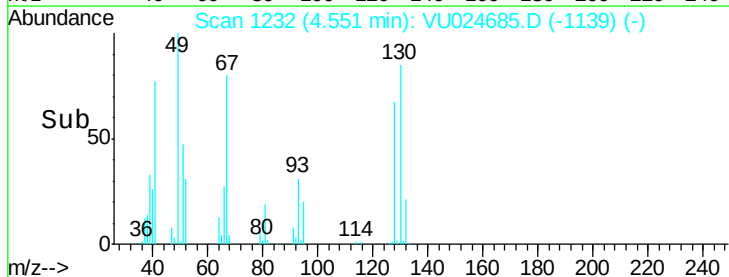
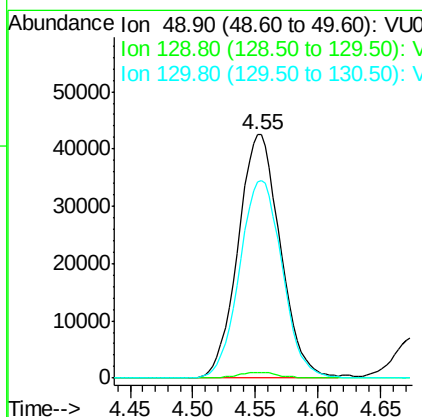
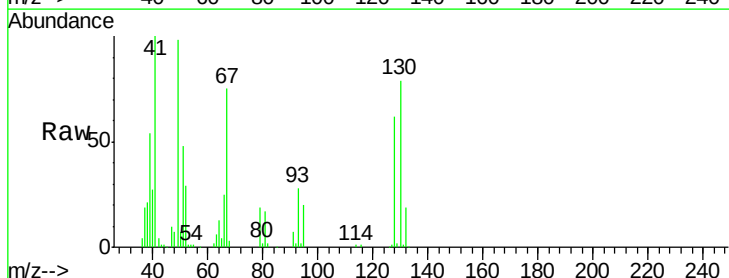
Manual Integrations
 APPROVED

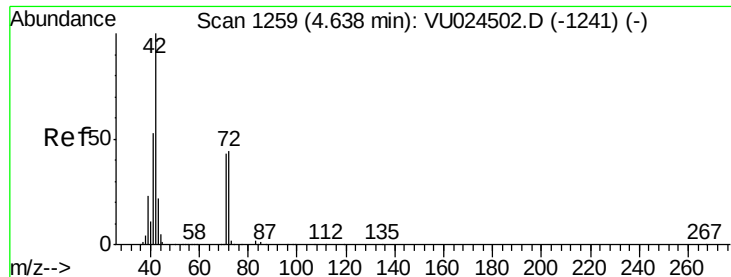
MMDadoda
 6/19/2018 1:55:00 PM



#28
 Bromochloromethane
 Concen: 55.85 ug/l
 RT: 4.55 min Scan# 1232
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	99655		
129	2.2	0.0	3.8	
130	82.0	57.8	86.6	





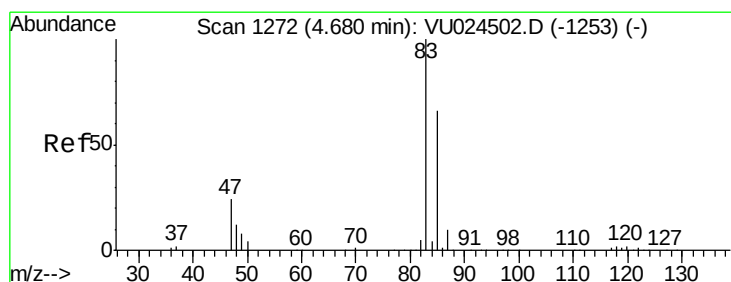
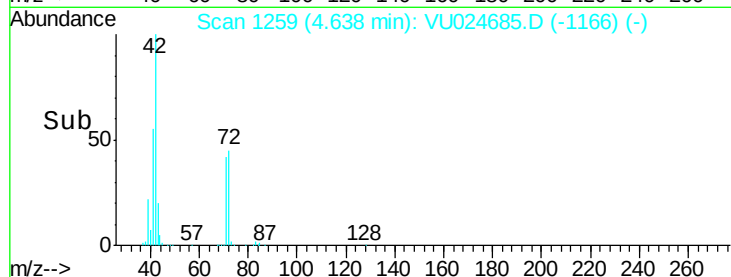
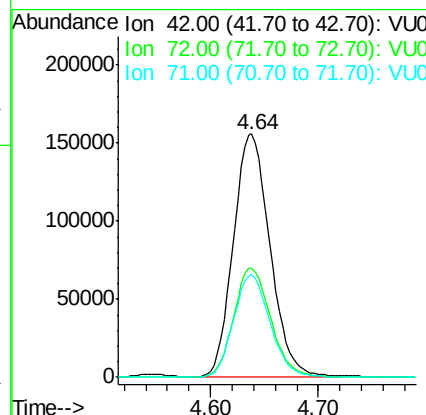
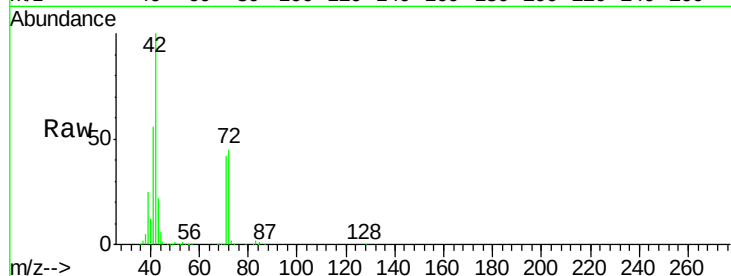
#29
Tetrahydrofuran
Concen: 300.15 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.7	34.5	51.7
71	42.3	32.2	48.4

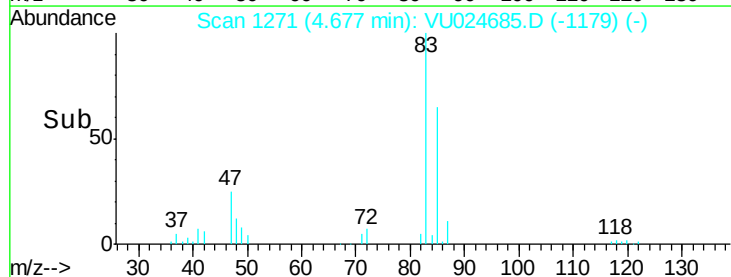
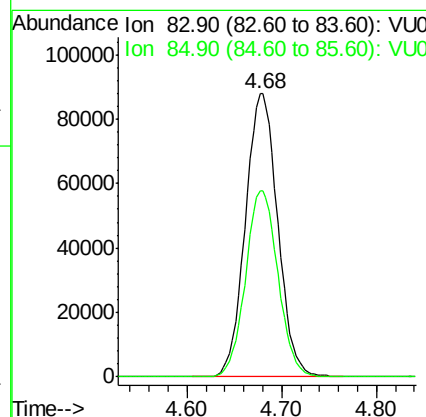
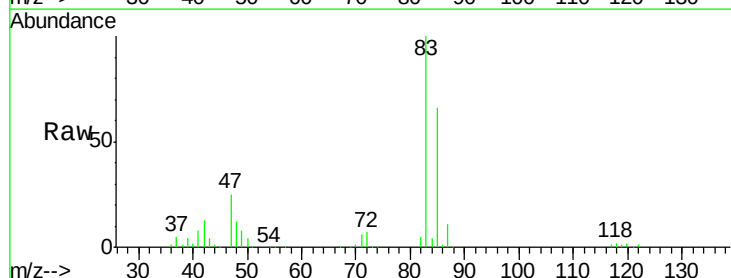
Manual Integrations
APPROVED

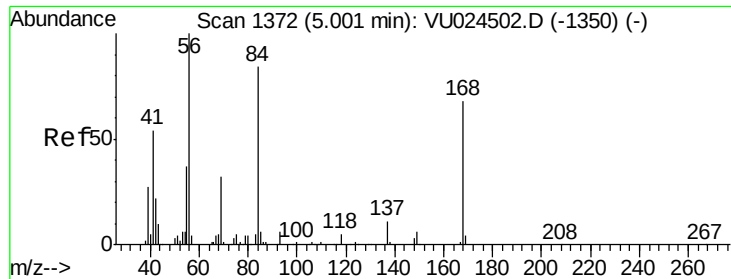
MMDadoda
6/19/2018 1:55:00 PM



#30
Chloroform
Concen: 50.87 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.4	78.6





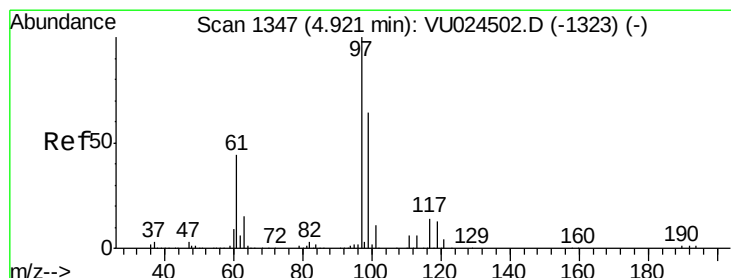
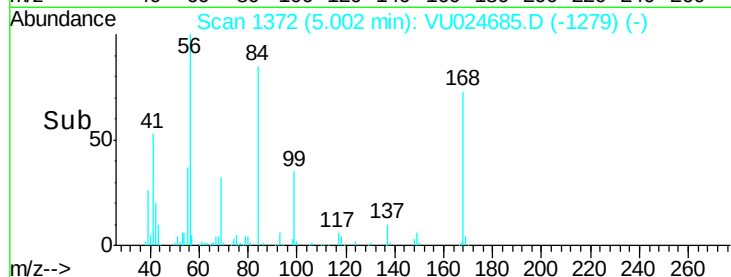
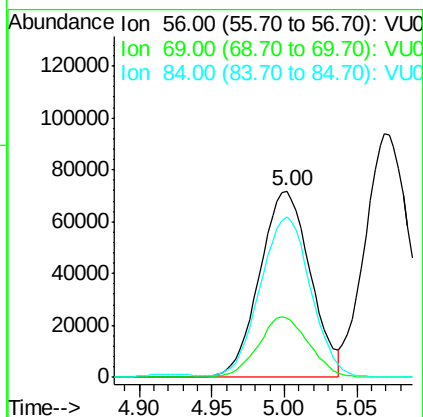
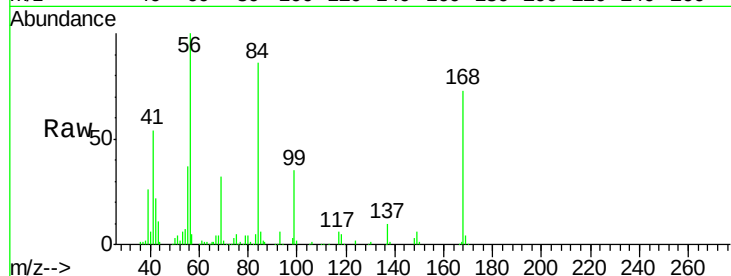
#31
Cyclohexane
Concen: 48.46 ug/l
RT: 5.00 min Scan# 1372
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.0	24.8	37.2
84	84.7	65.2	97.8

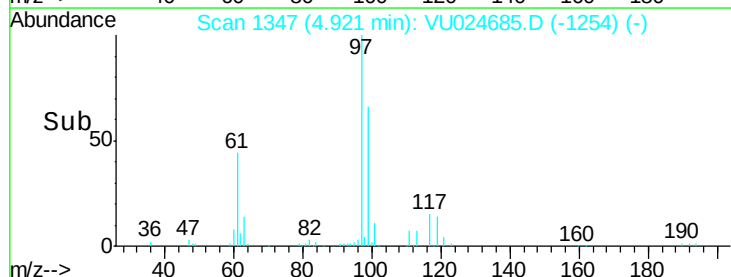
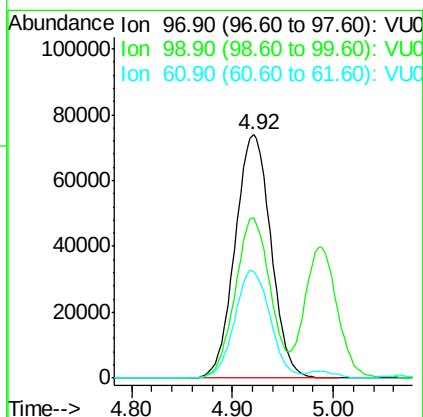
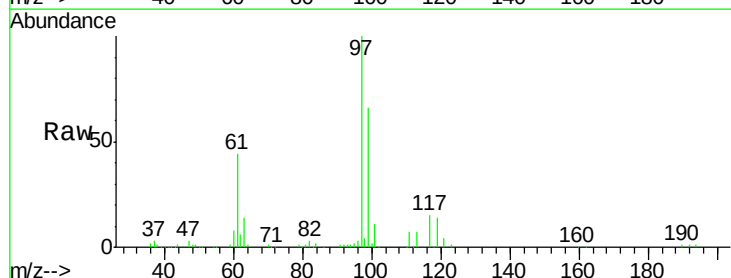
Manual Integrations
APPROVED

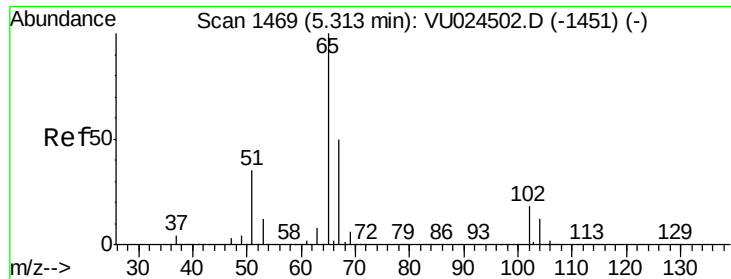
MMDadoda
6/19/2018 1:55:00 PM



#32
1,1,1-Trichloroethane
Concen: 47.96 ug/l
RT: 4.92 min Scan# 1347
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.6
61	43.9	39.4	59.0





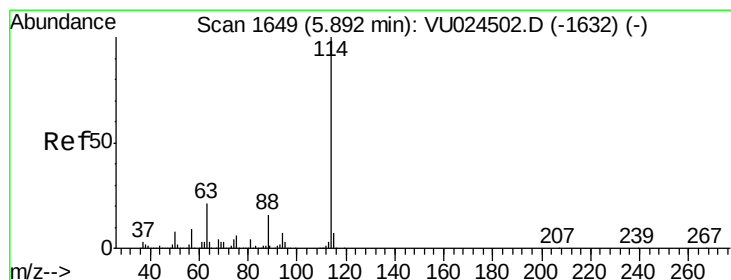
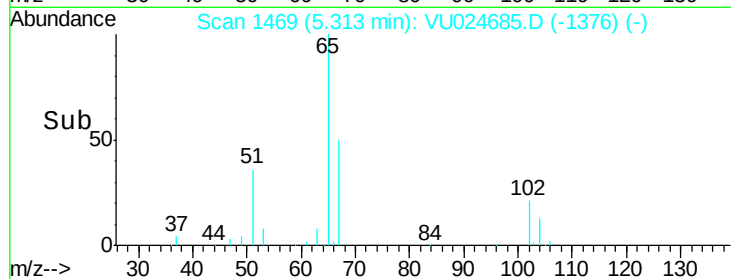
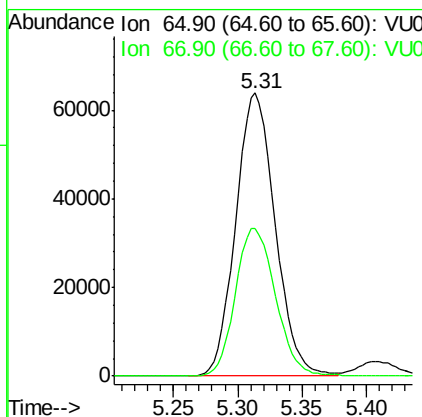
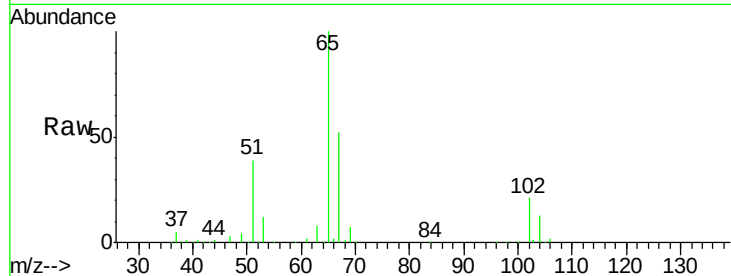
#33
 1,2-Dichloroethane-d4
 Concen: 49.55 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Resp	Lower	Upper
65	100	135922		
67	53.4	0.0	107.0	

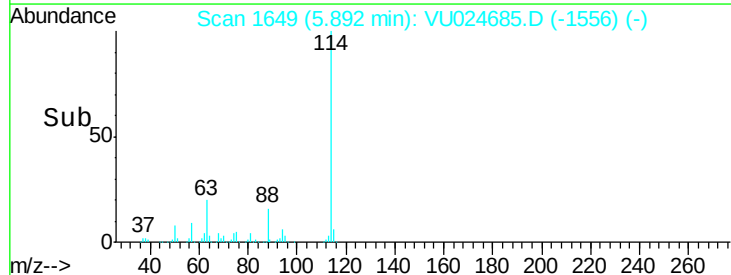
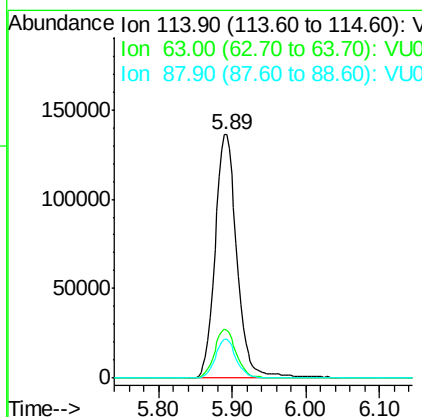
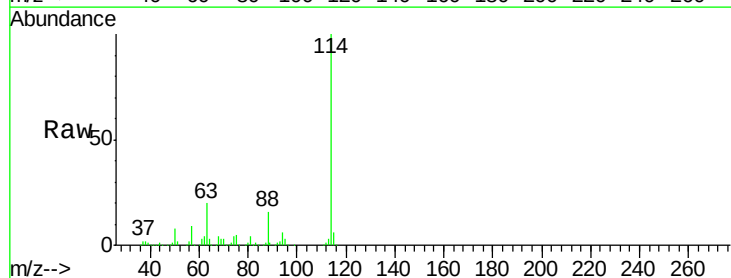
Manual Integrations
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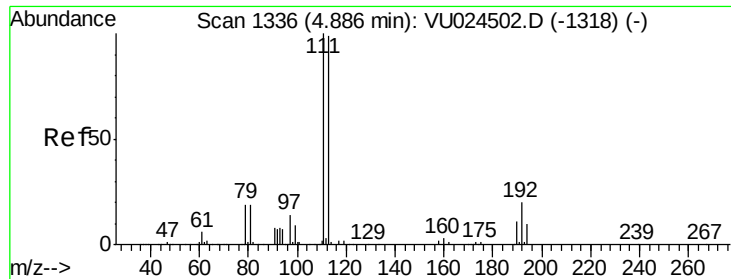
MMDadoda
 6/19/2018 1:55:00 PM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 5.89 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	279690		
63	19.8	0.0	45.4	
88	15.7	0.0	31.0	





#35

Dibromofluoromethane

Concen: 49.43 ug/l

RT: 4.89 min Scan# 1336

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

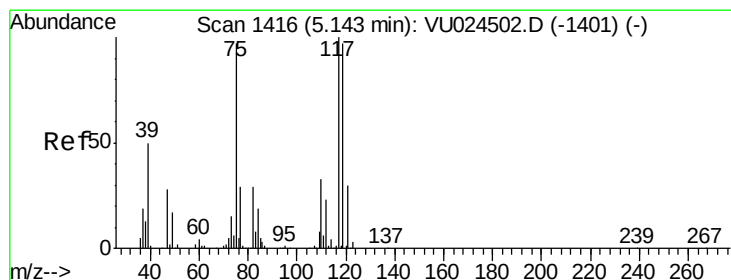
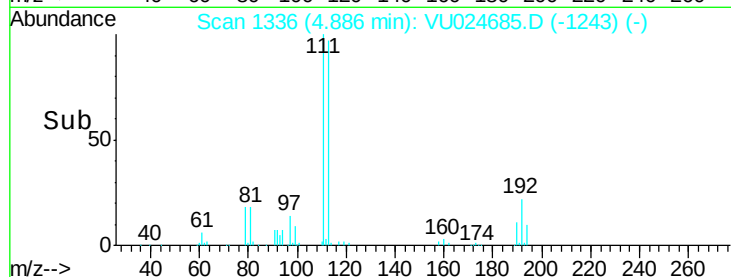
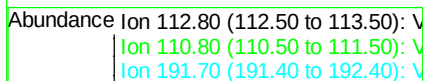
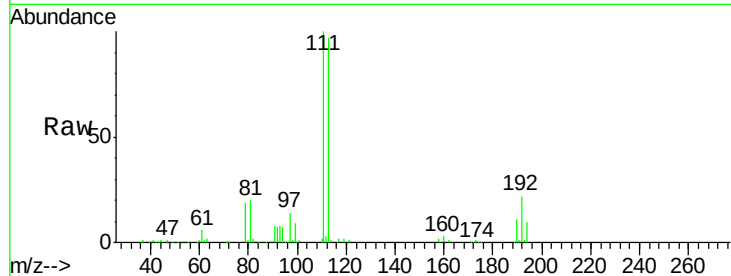
ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion:	113	Resp:	114745
Ion Ratio	Lower	Upper	
113	100		
111	103.7	82.2	123.4
192	21.8	16.2	24.4

Manual Integrations
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MMDadoda
6/19/2018 1:55:00 PM



#36

1,1-Dichloropropene

Concen: 44.14 ug/l

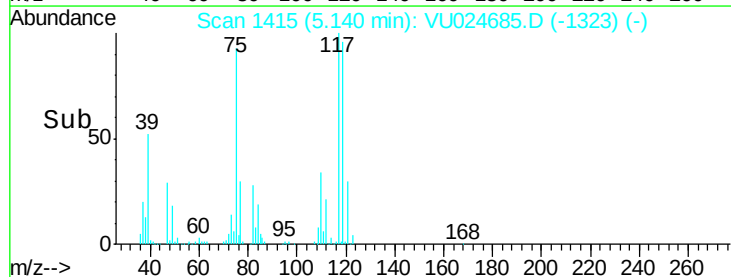
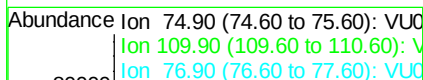
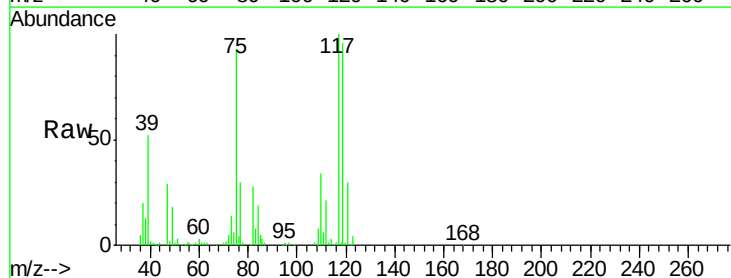
RT: 5.14 min Scan# 1415

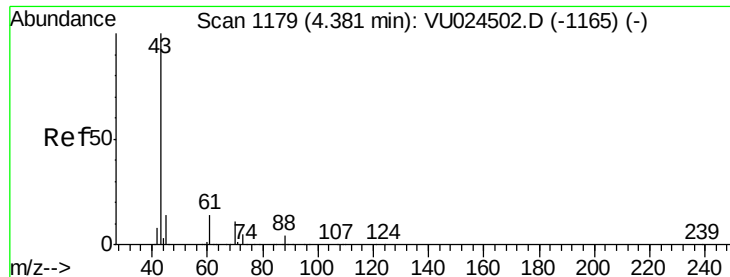
Delta R.T. -0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Tgt Ion:	75	Resp:	145084
Ion Ratio	Lower	Upper	
75	100		
110	37.2	17.0	50.9
77	31.0	24.2	36.4





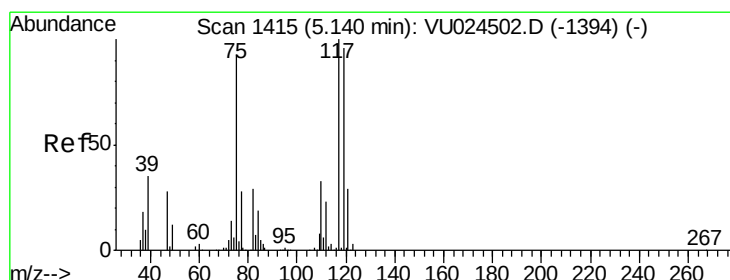
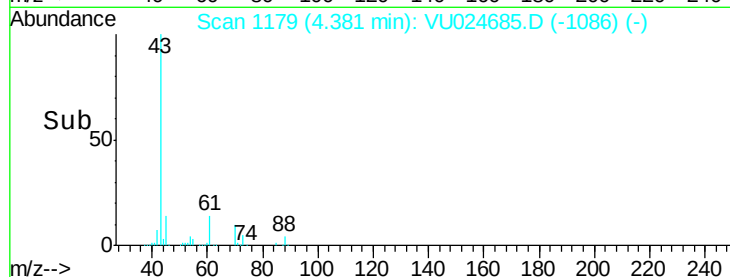
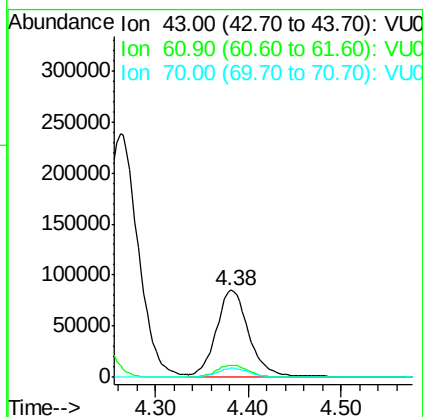
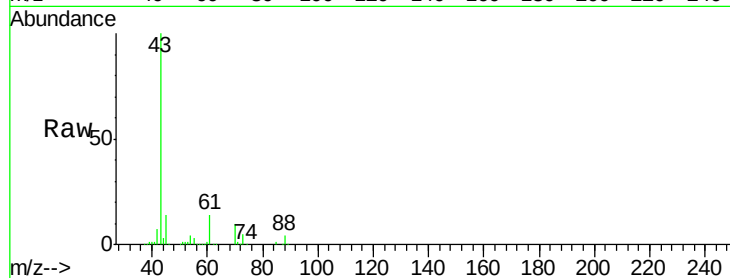
#37
Ethyl Acetate
Concen: 57.01 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.5	15.7
70	10.6	7.4	11.2

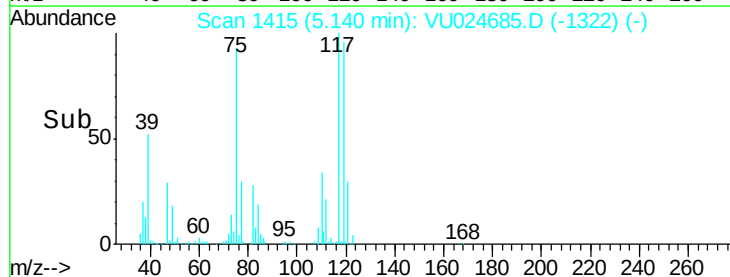
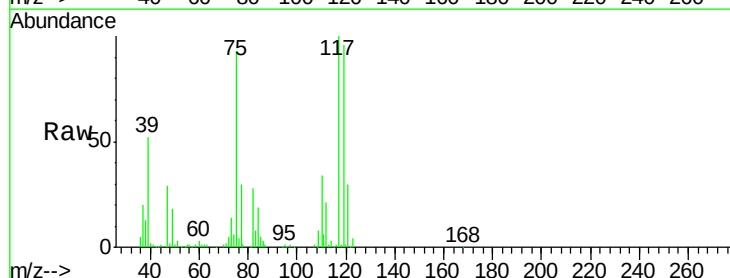
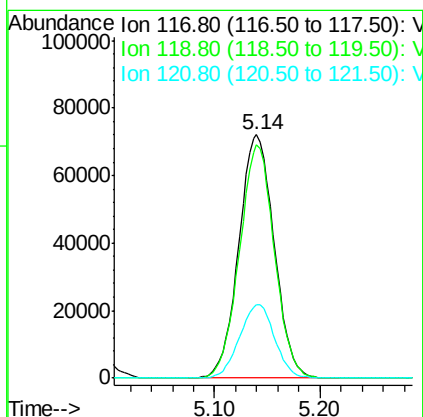
Manual Integrations
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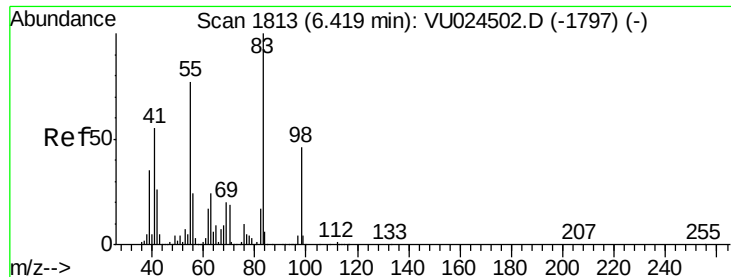
MMDadoda
6/19/2018 1:55:00 PM



#38
Carbon Tetrachloride
Concen: 46.42 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.1	114.1
121	30.3	23.7	35.5





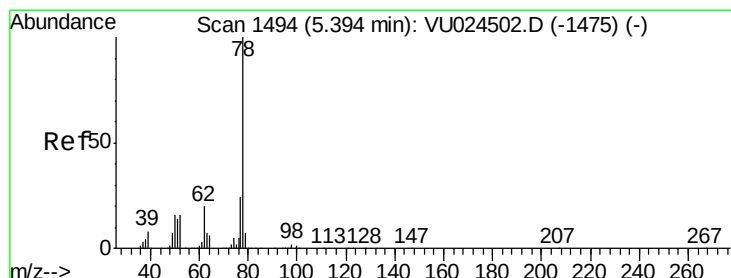
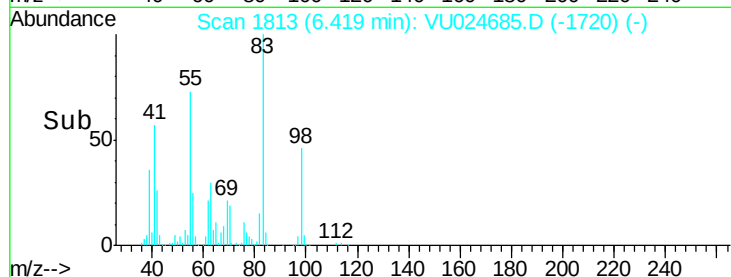
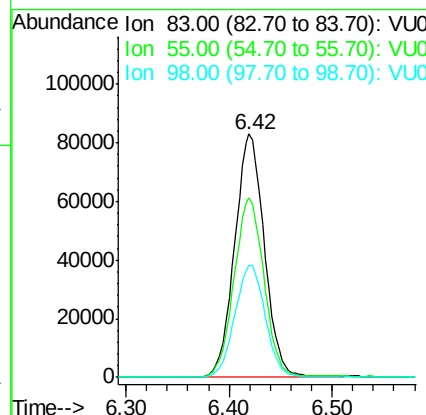
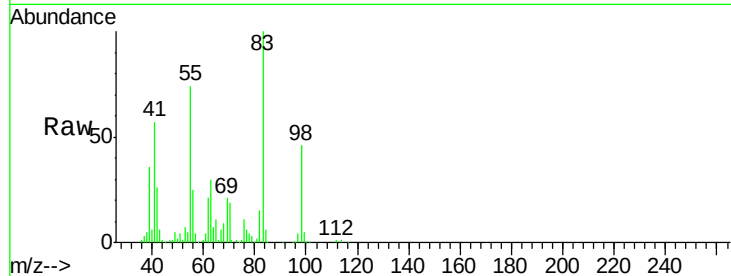
#39
Methylvlcyclohexane
Concen: 40.68 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	65.8	98.6
98	46.2	36.7	55.1

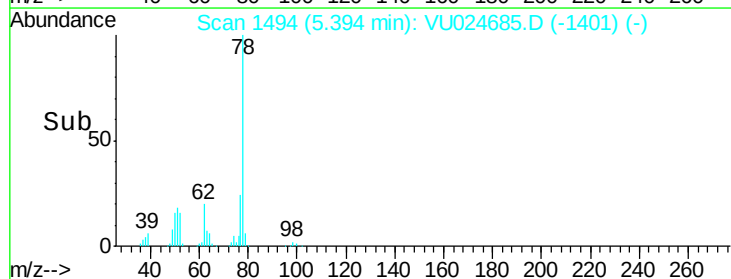
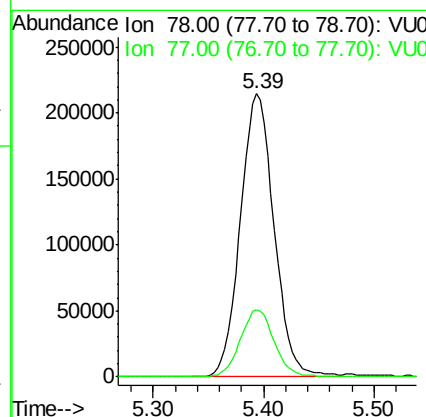
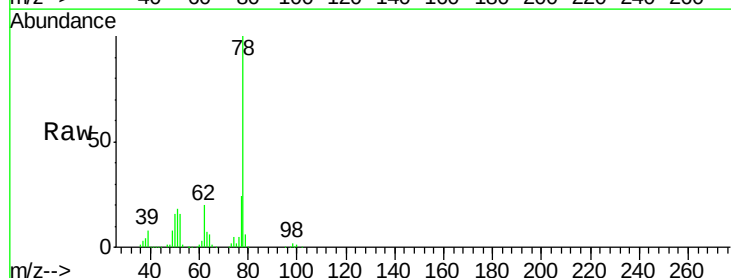
Manual Integrations
APPROVED

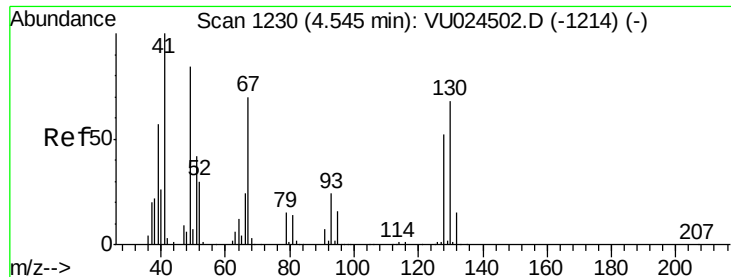
MMDadoda
6/19/2018 1:55:00 PM



#40
Benzene
Concen: 48.55 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





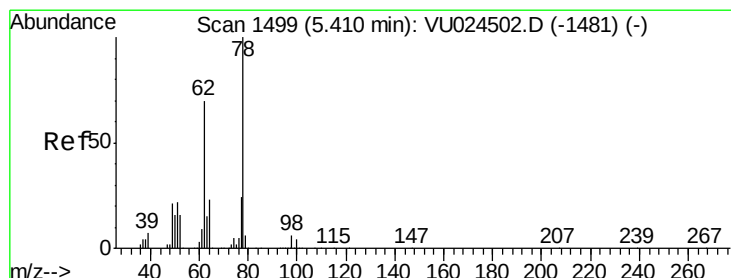
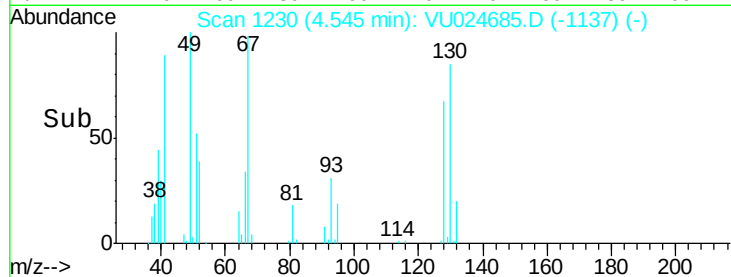
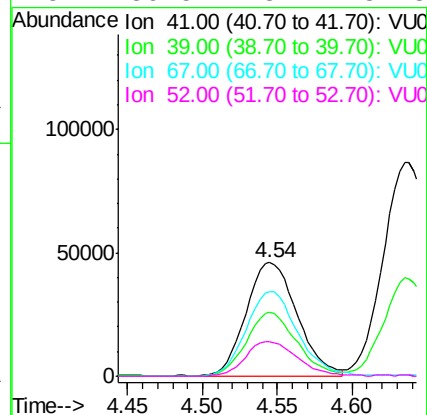
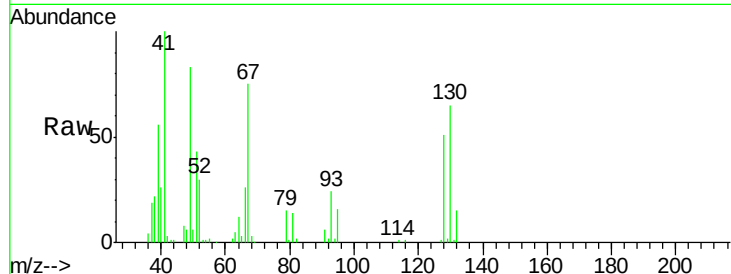
#41
Methacrylonitrile
Concen: 56.55 ug/l
RT: 4.54 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.0	43.8	65.6
67	75.8	56.3	84.5
52	30.5	23.2	34.8

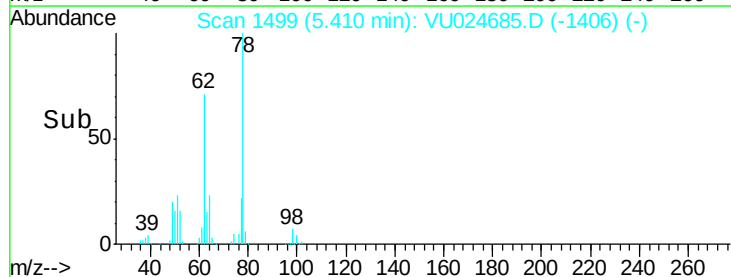
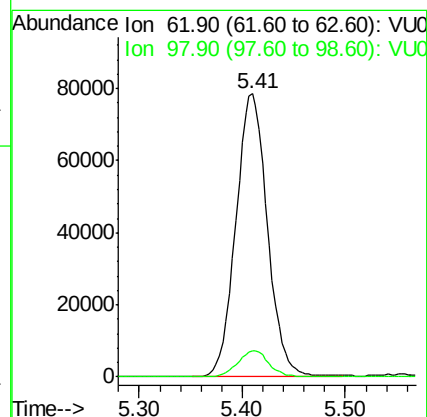
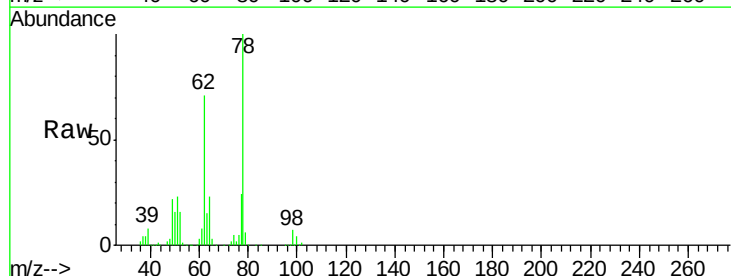
Manual Integrations
APPROVED

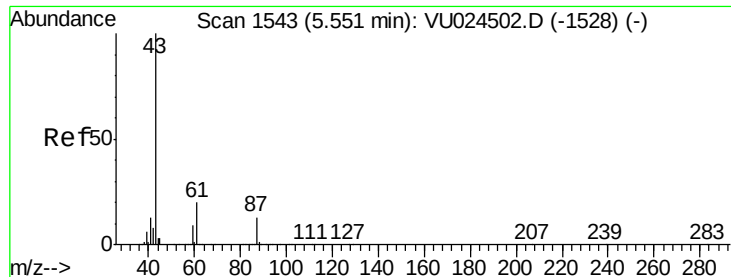
MMDadoda
6/19/2018 1:55:00 PM



#42
1,2-Dichloroethane
Concen: 47.05 ug/l
RT: 5.41 min Scan# 1499
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	16.6





#43

Isopropyl Acetate

Concen: 51.31 ug/l

RT: 5.55 min Scan# 1543

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

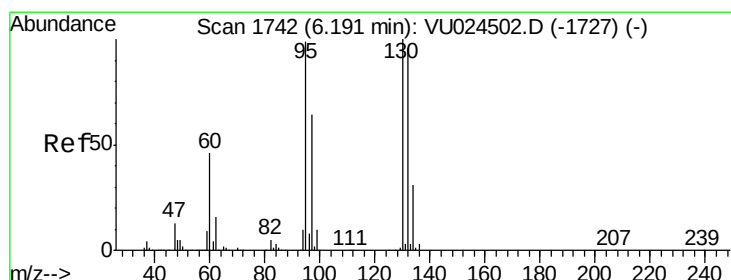
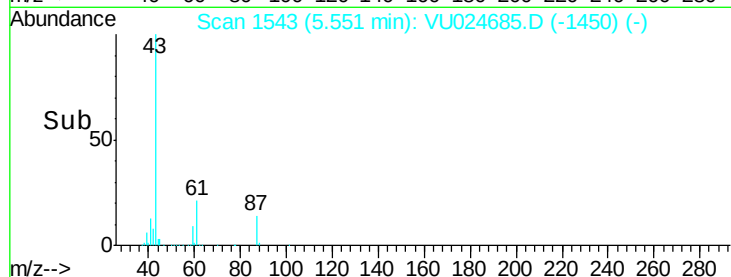
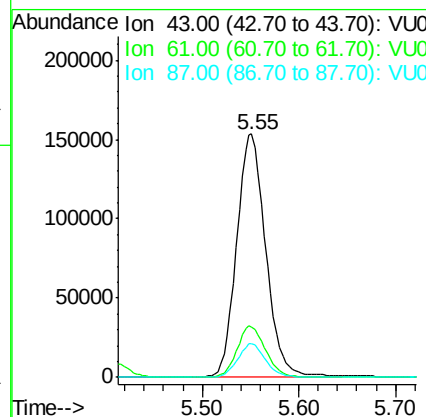
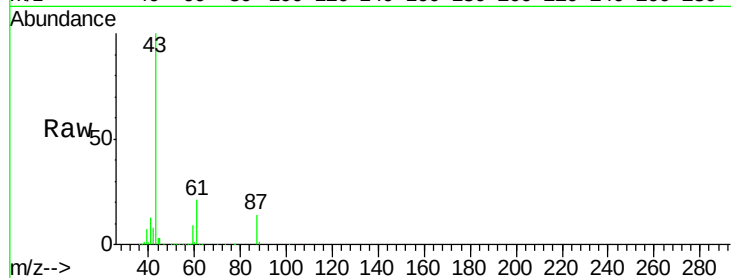
ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion:	43	Resp:	317682
Ion	Ratio	Lower	Upper
43	100		
61	20.9	15.4	23.0
87	13.4	10.0	15.0

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6/19/2018 1:55:00 PM



#44

Trichloroethene

Concen: 45.66 ug/l

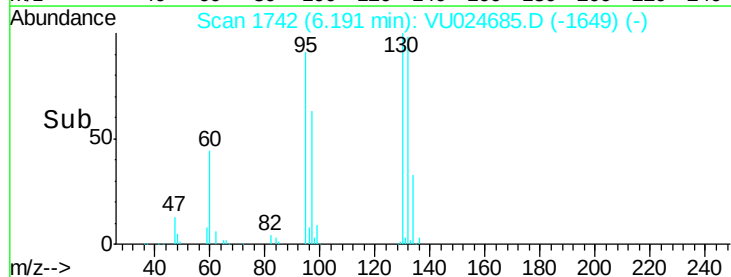
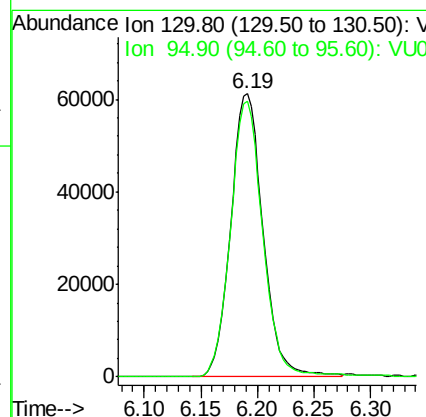
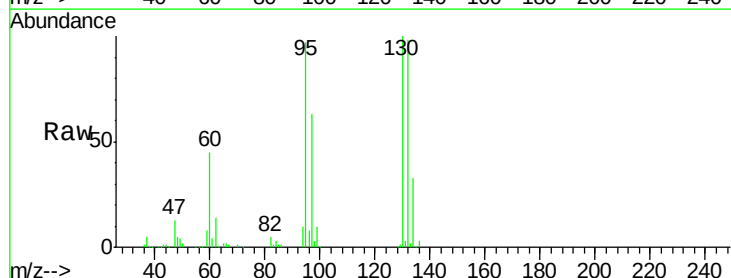
RT: 6.19 min Scan# 1742

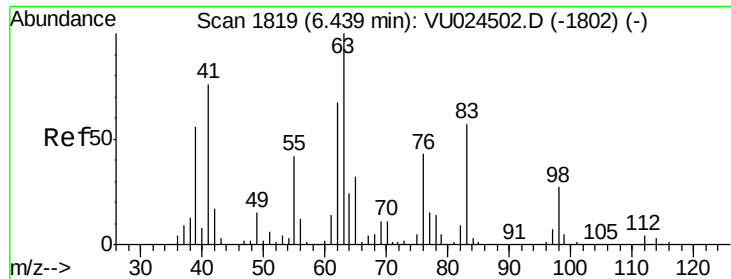
Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Tgt Ion:	130	Resp:	121702
Ion	Ratio	Lower	Upper
130	100		
95	97.2	0.0	202.4





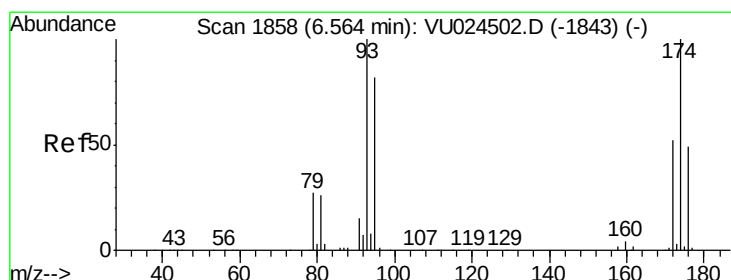
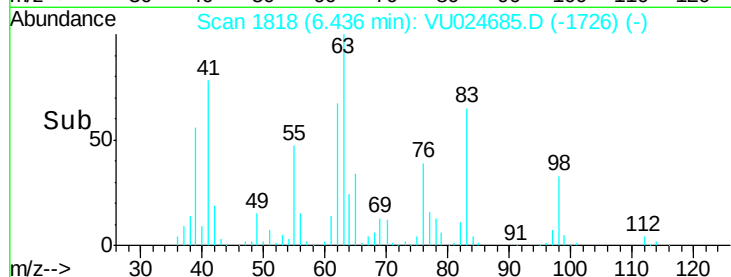
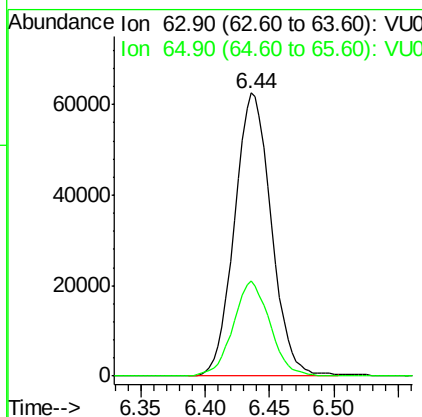
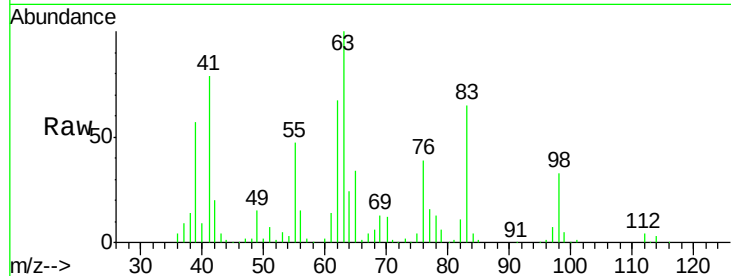
#45
 1,2-Dichloropropane
 Concen: 49.76 ug/l
 RT: 6.44 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion: 63 Resp: 124348
 Ion Ratio Lower Upper
 63 100
 65 33.4 24.8 37.2

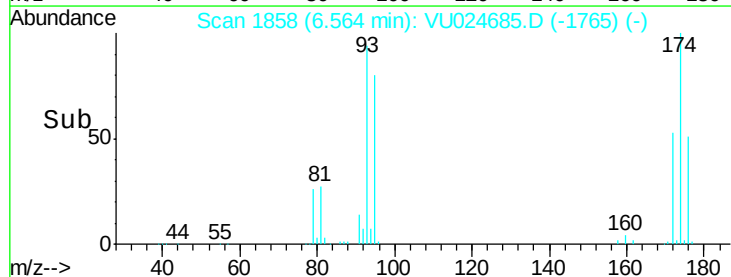
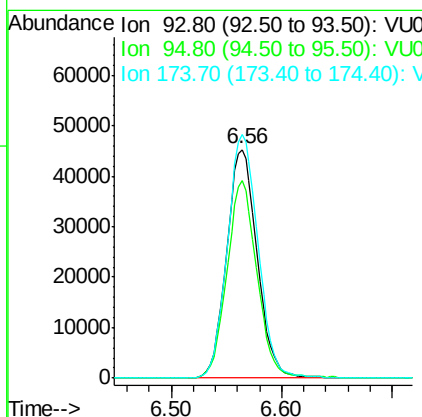
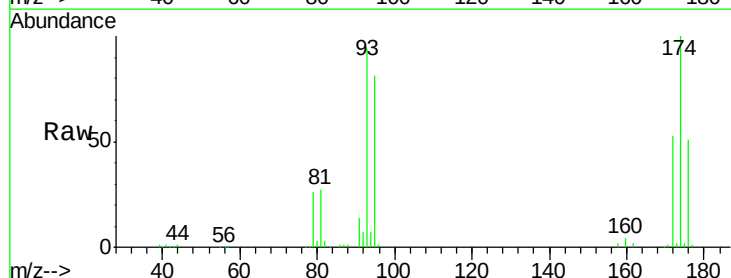
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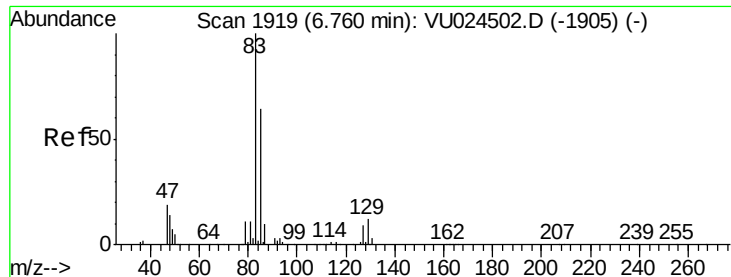
MMDadoda
 6/19/2018 1:55:00 PM



#46
 Dibromomethane
 Concen: 49.58 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion: 93 Resp: 87023
 Ion Ratio Lower Upper
 93 100
 95 84.8 65.5 98.3
 174 107.2 78.7 118.1





#47

Bromodichloromethane

Concen: 47.67 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

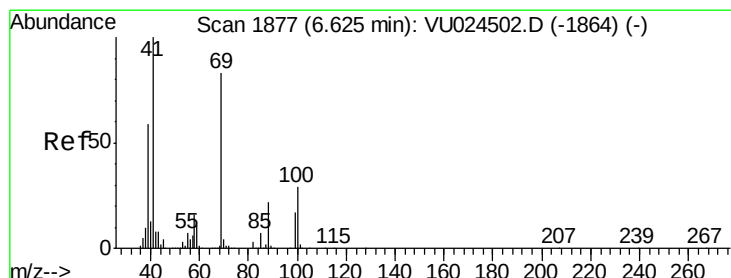
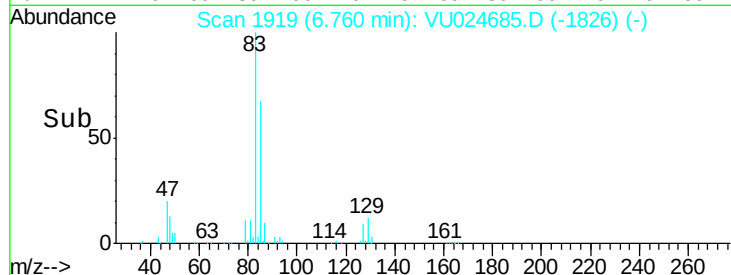
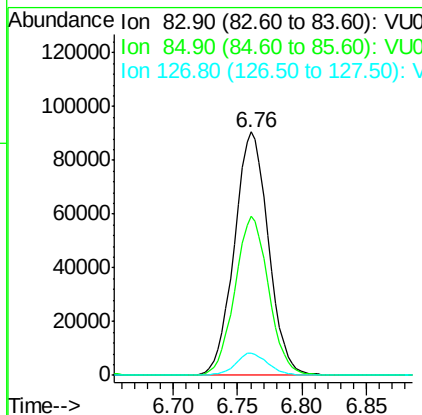
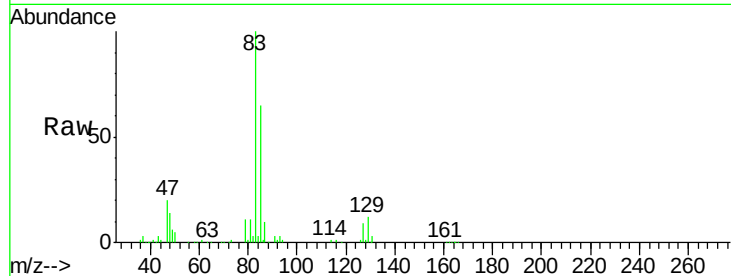
ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion:	83	Resp:	166621
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.9	77.9
127	9.2	6.6	9.8

Manual Integrations
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6/19/2018 1:55:00 PM



#48

Methyl methacrylate

Concen: 51.70 ug/l

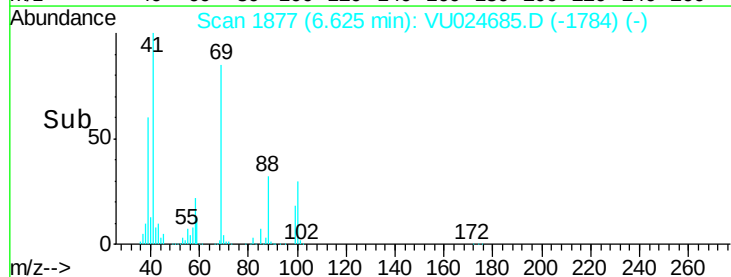
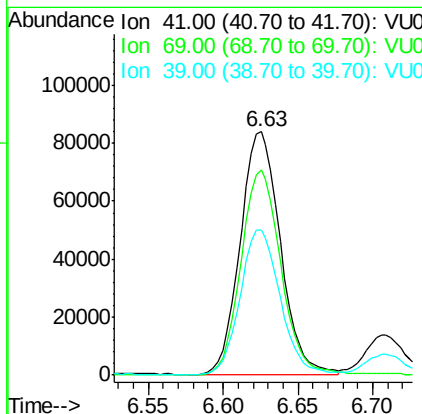
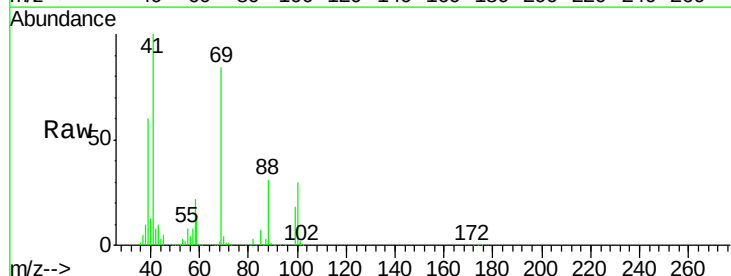
RT: 6.63 min Scan# 1877

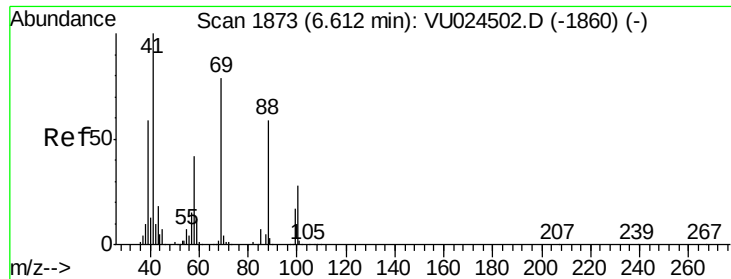
Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Tgt Ion:	41	Resp:	155892
Ion	Ratio	Lower	Upper
41	100		
69	85.4	67.3	100.9
39	59.7	46.5	69.7





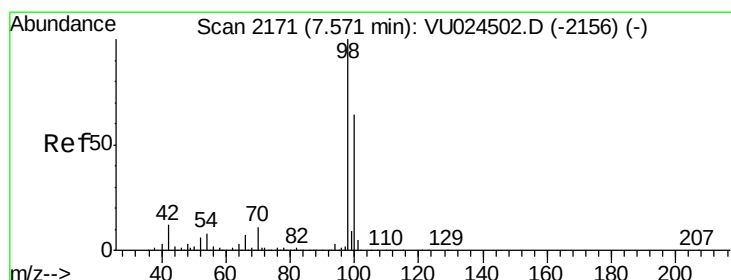
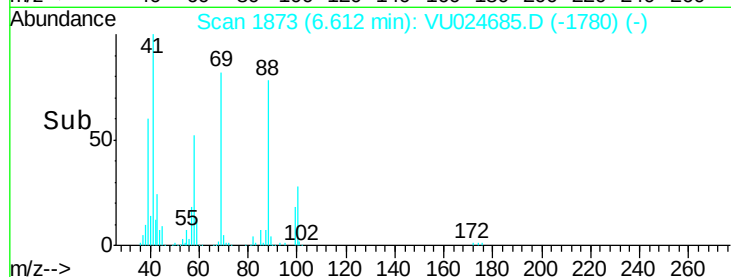
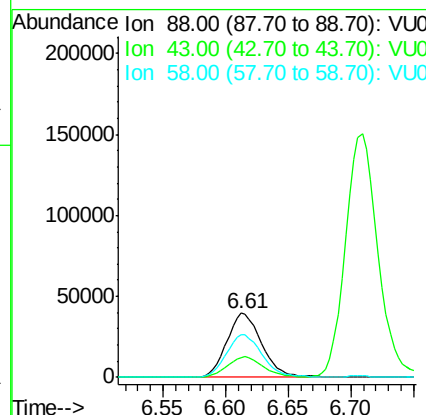
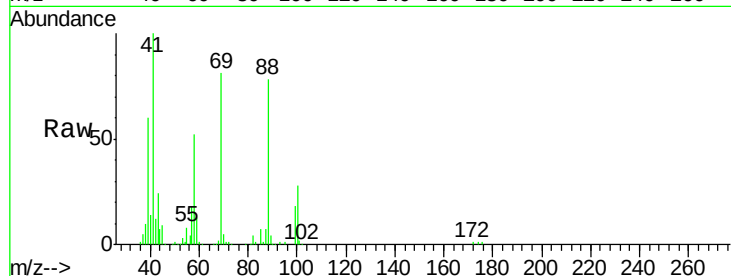
#49
1,4-Dioxane
Concen: 1283.30 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	28.6	42.8
58	68.8	58.2	87.4

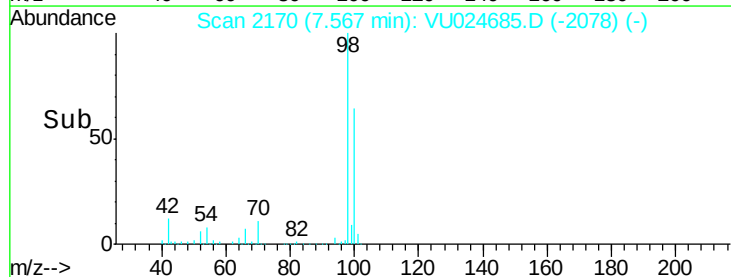
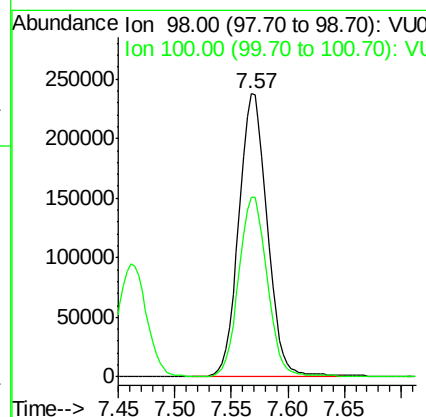
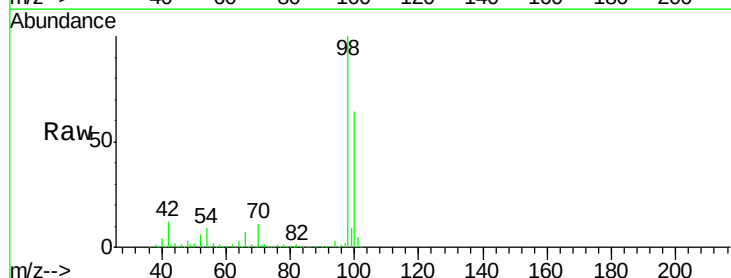
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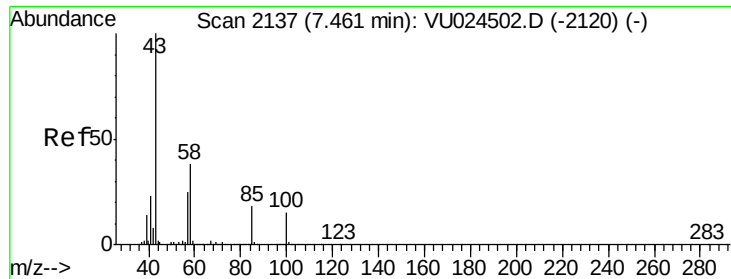
MMDadoda
6/19/2018 1:55:00 PM



#50
Toluene-d8
Concen: 49.38 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.1	76.7





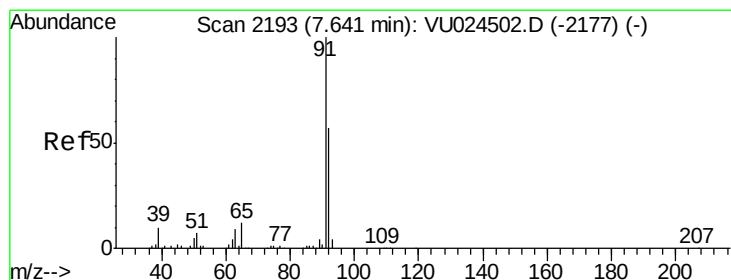
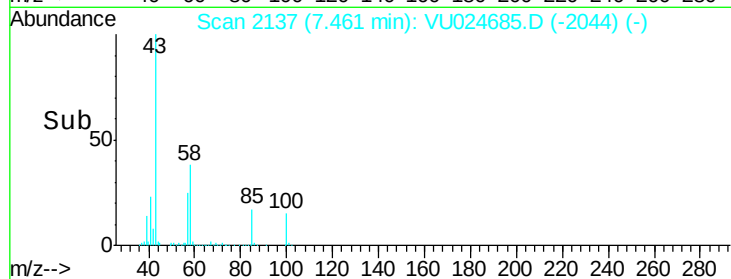
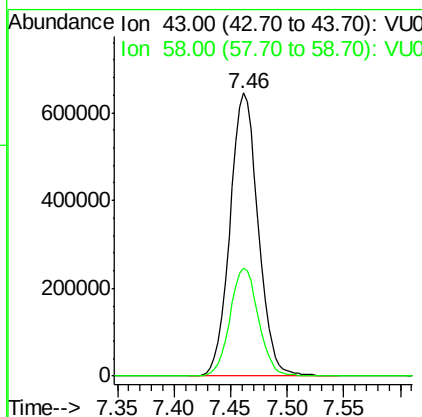
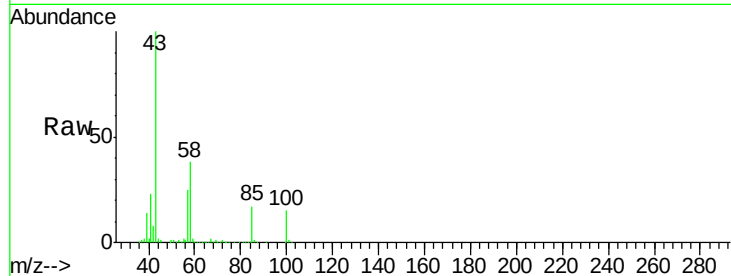
#51
 4-Methyl-2-Pentanone
 Concen: 288.05 ug/l
 RT: 7.46 min Scan# 2137
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.6	30.0	45.0

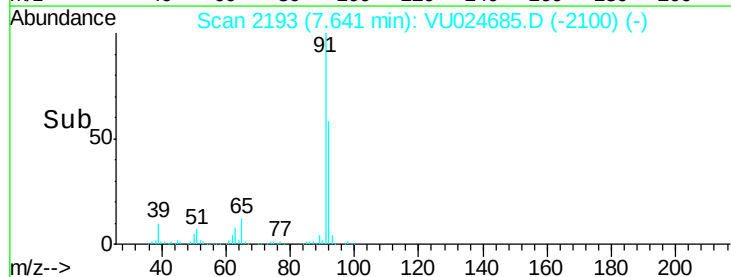
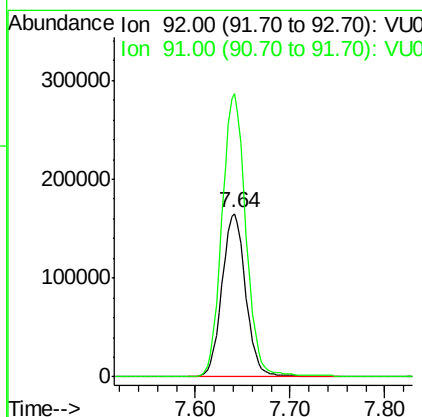
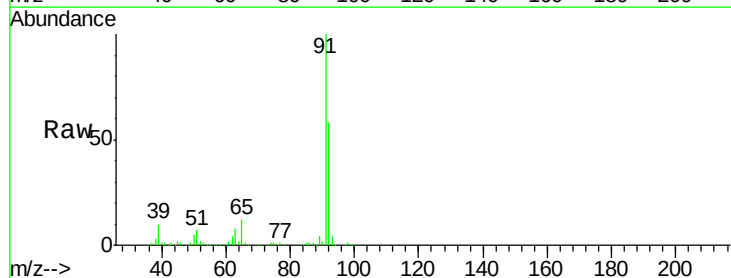
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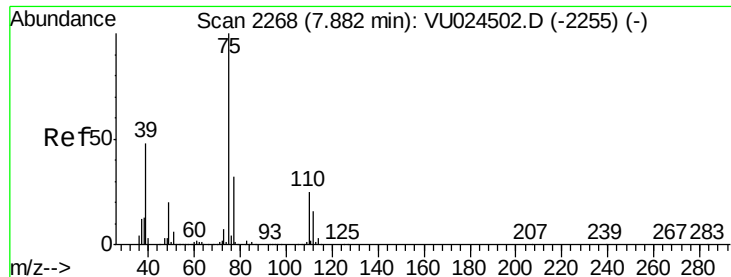
MMDadoda
 6/19/2018 1:55:00 PM



#52
 Toluene
 Concen: 48.02 ug/l
 RT: 7.64 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.9	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 42.45 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion: 75 Resp: 166617

Ion Ratio Lower Upper

75 100

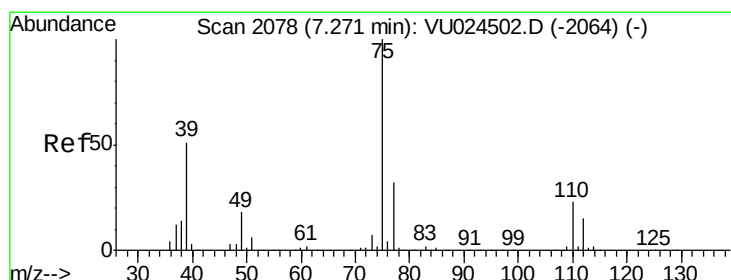
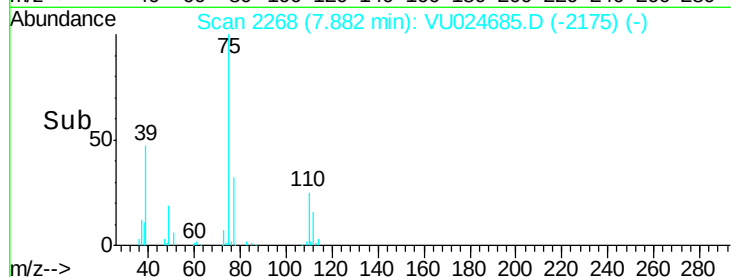
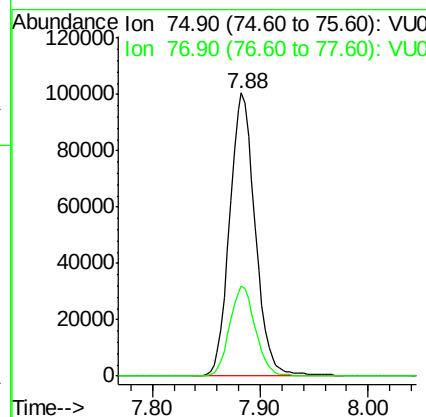
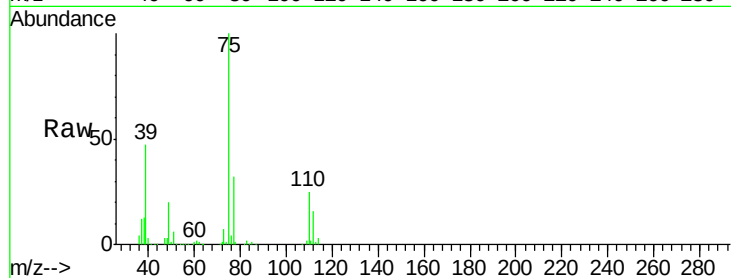
77 31.8 24.8 37.2

Manual Integrations

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6/19/2018 1:55:00 PM



#54

cis-1,3-Dichloropropene

Concen: 41.69 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

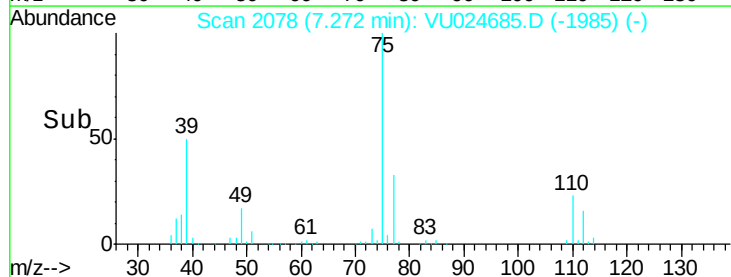
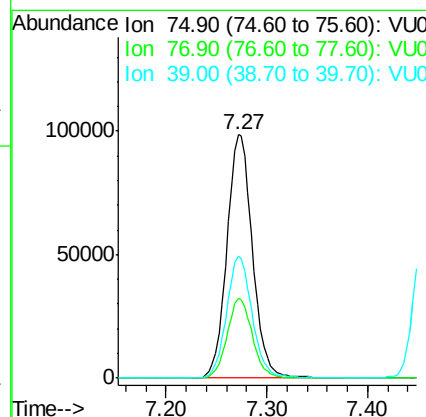
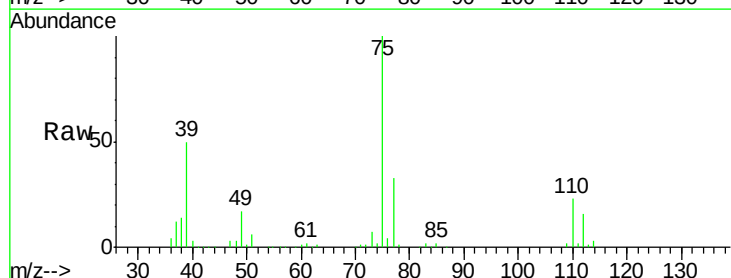
Tgt Ion: 75 Resp: 174366

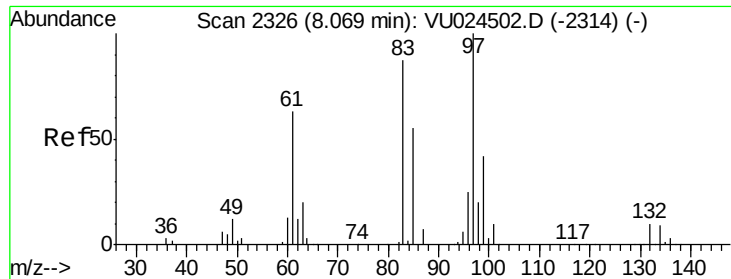
Ion Ratio Lower Upper

75 100

77 32.8 24.6 36.8

39 50.4 39.8 59.6





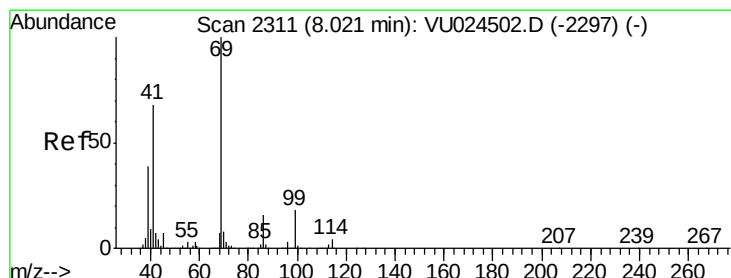
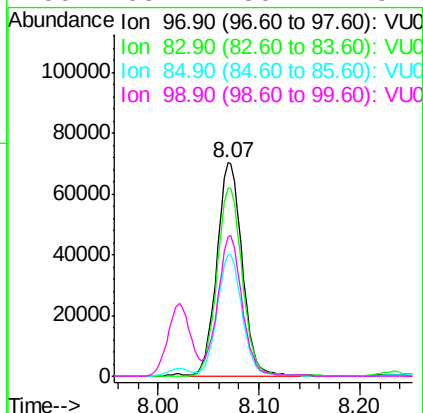
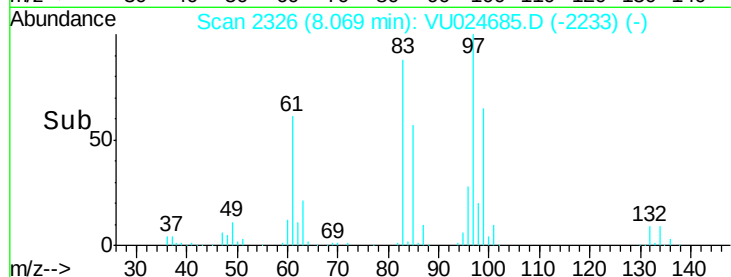
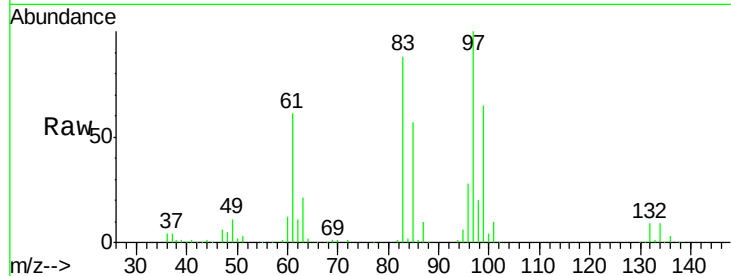
#55
 1,1,2-Trichloroethane
 Concen: 50.44 ug/l
 RT: 8.07 min Scan# 2326
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		123526		
83	87.9	70.5	105.7		
85	56.7	46.4	69.6		
99	65.1	50.2	75.2		

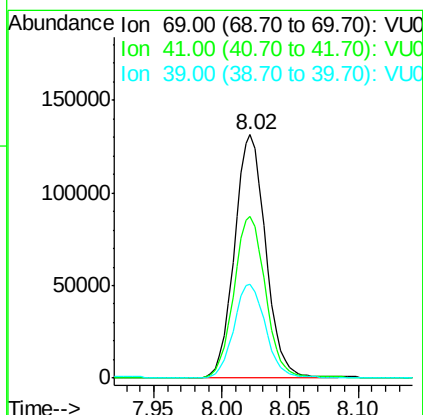
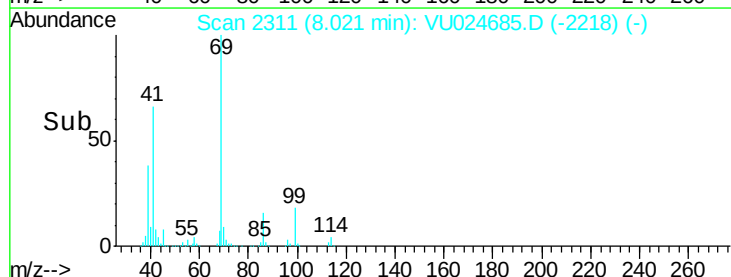
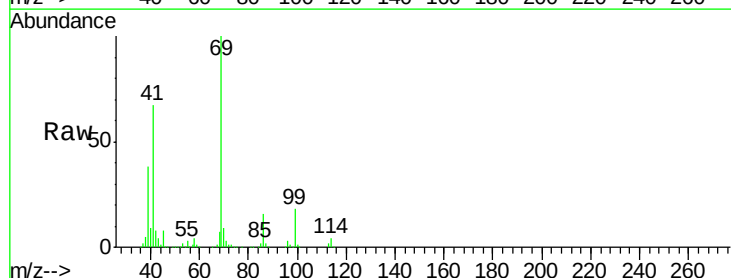
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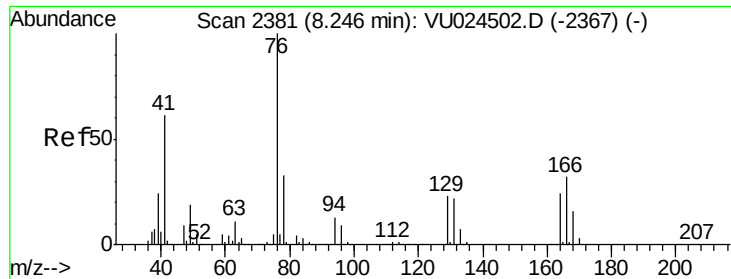
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 50.97 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		208936		
41	66.7	54.1	81.1		
39	38.7	30.3	45.5		





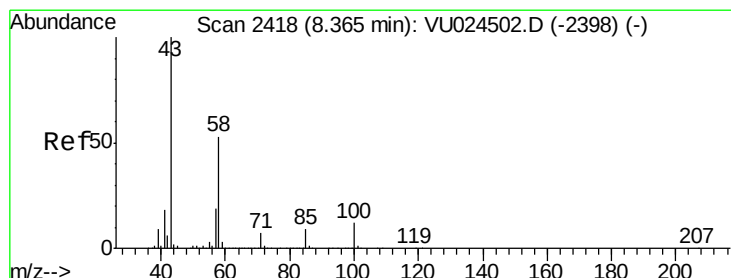
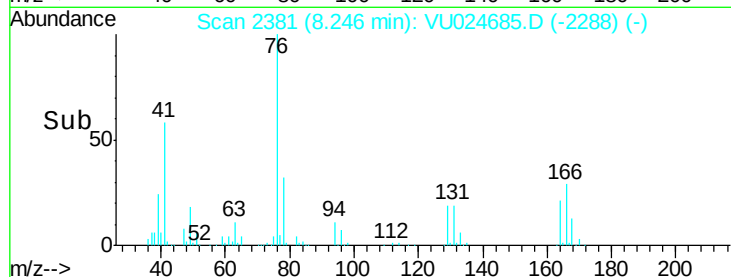
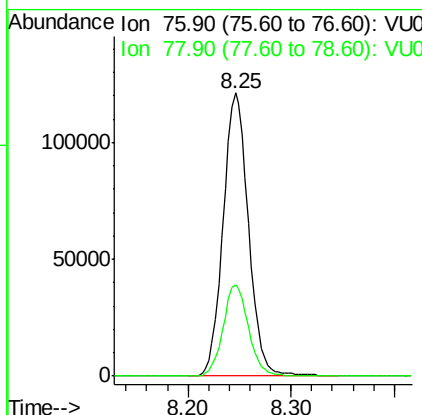
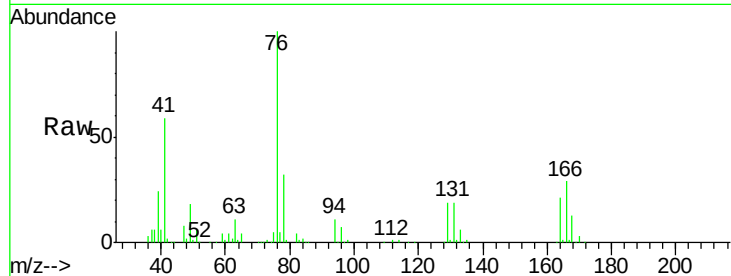
#57
 1,3-Dichloropropane
 Concen: 50.21 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion: 76 Resp: 207423
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.2 37.8

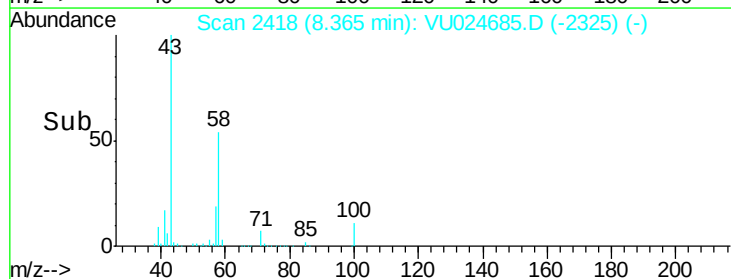
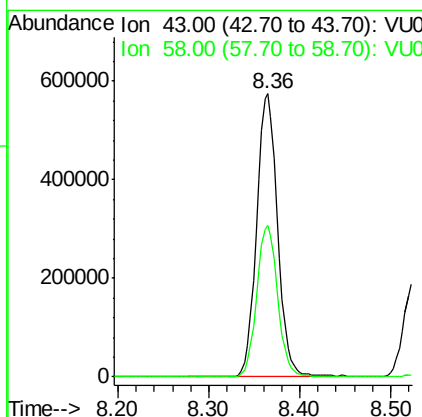
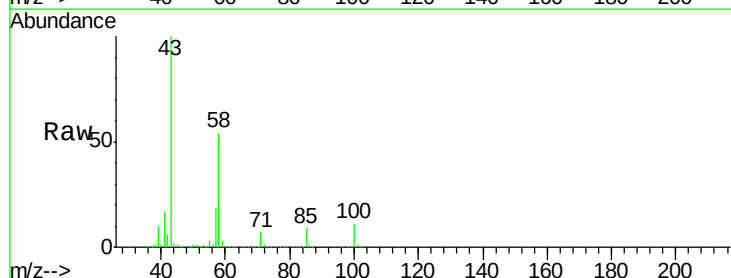
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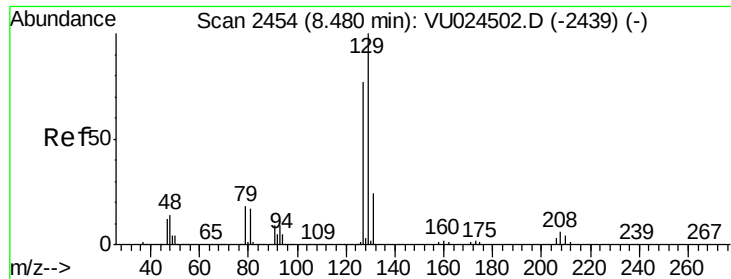
MMDadoda
 6/19/2018 1:55:00 PM



#59
 2-Hexanone
 Concen: 288.59 ug/l
 RT: 8.36 min Scan# 2418
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion: 43 Resp: 916517
 Ion Ratio Lower Upper
 43 100
 58 53.6 26.4 79.0





#60

Dibromochloromethane

Concen: 47.85 ug/l

RT: 8.48 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion:129 Resp: 146148

Ion Ratio Lower Upper

129 100

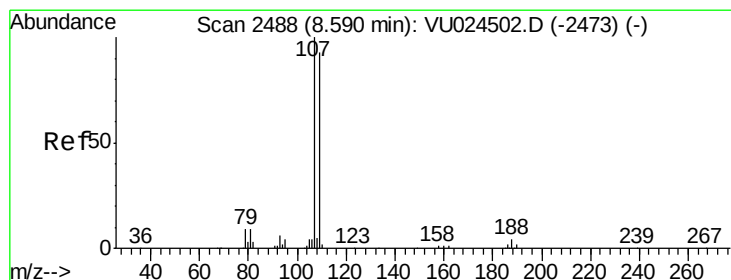
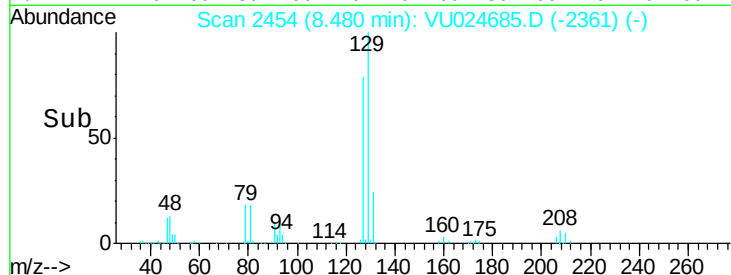
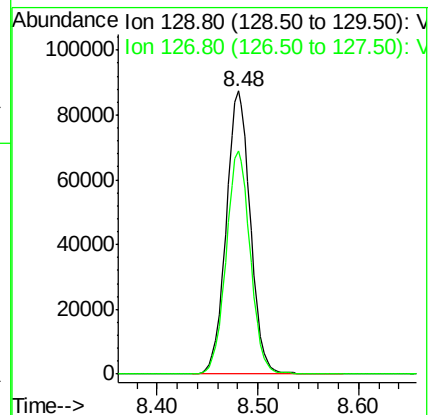
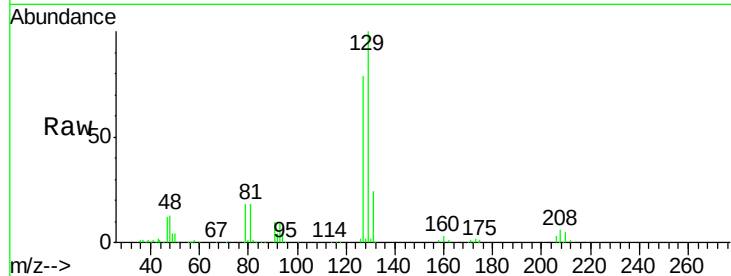
127 78.7 38.6 116.0

Manual Integrations

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MMDadoda

6/19/2018 1:55:00 PM



#61

1,2-Dibromoethane

Concen: 50.79 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. 0.00 min

Lab File: VU024685.D

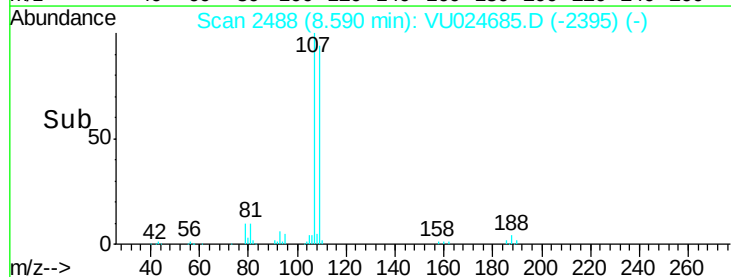
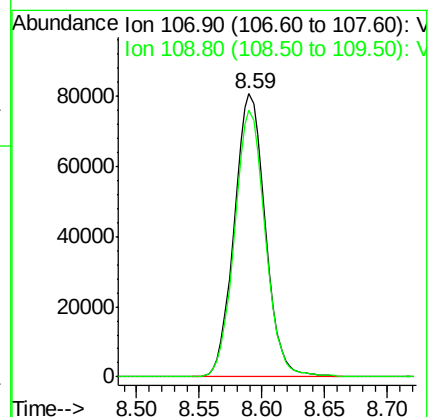
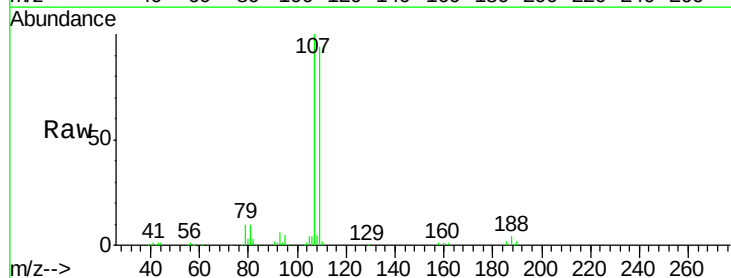
Acq: 18 Jun 2018 12:35

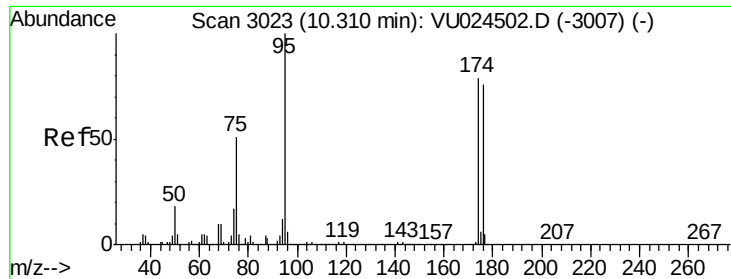
Tgt Ion:107 Resp: 138458

Ion Ratio Lower Upper

107 100

109 93.7 74.5 111.7





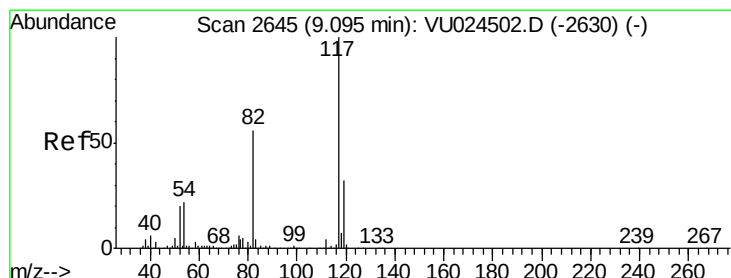
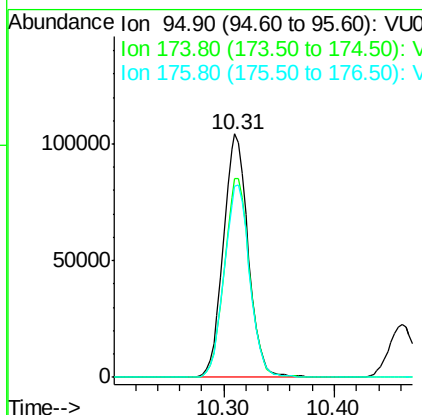
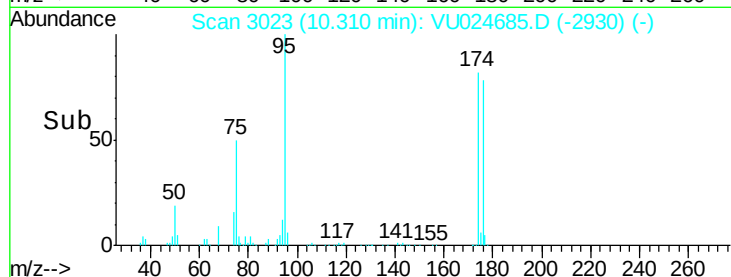
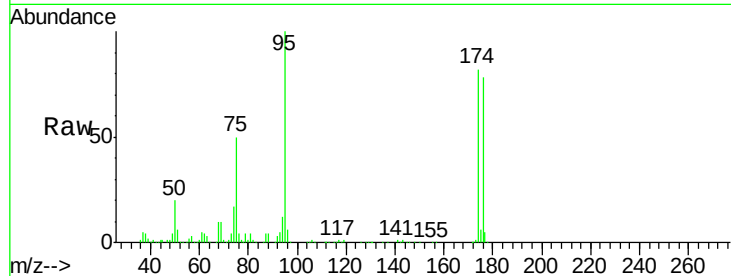
#62
4-Bromofluorobenzene
Concen: 48.40 ug/l
RT: 10.31 min Scan# 3023
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Resp	Lower	Upper
95	100	162709		
174	82.9	0.0	165.8	
176	81.0	0.0	159.4	

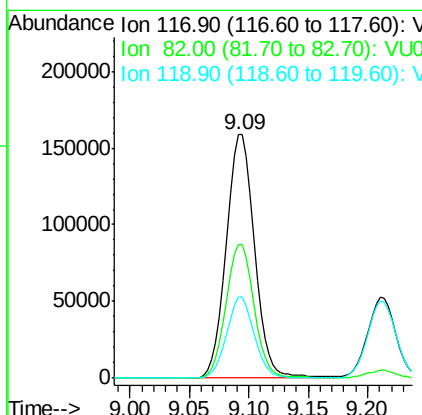
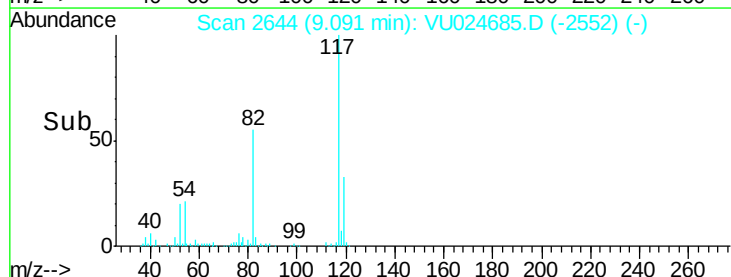
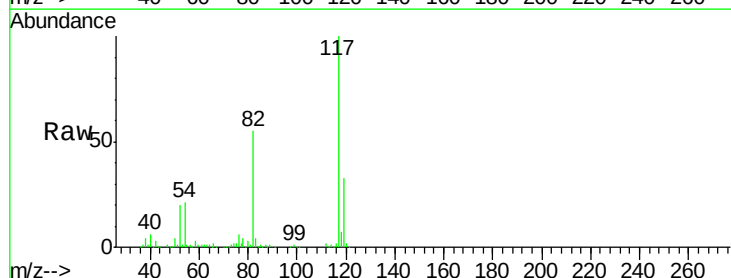
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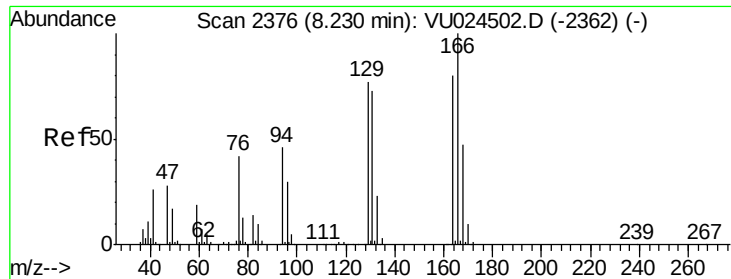
MMDadoda
6/19/2018 1:55:00 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	263757		
82	55.0	44.3	66.5	
119	33.2	25.4	38.2	





#64

Tetrachloroethene

Concen: 42.21 ug/l

RT: 8.23 min Scan# 2376

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

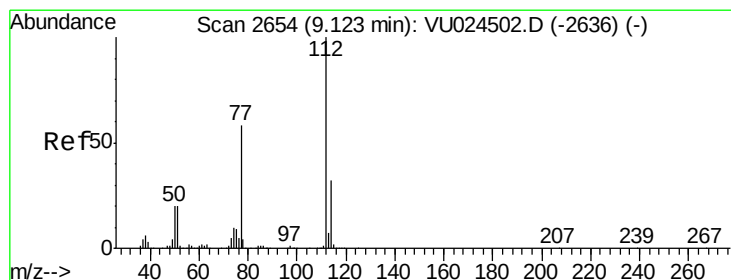
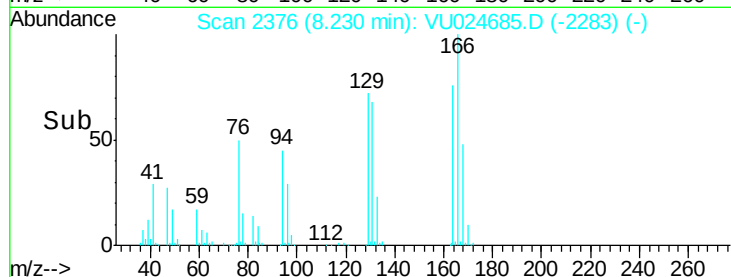
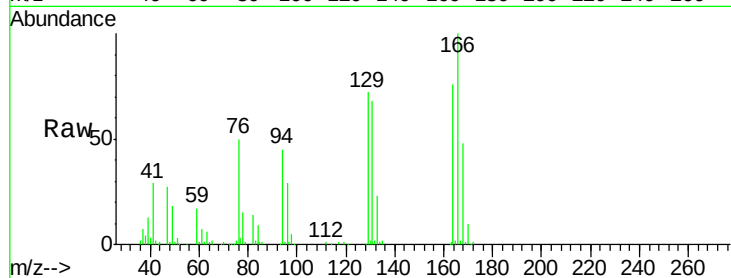
ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.9	101.7	152.5
129	93.7	76.9	115.3
131	88.8	74.9	112.3

Manual Integrations
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#65

Chlorobenzene

Concen: 49.27 ug/l

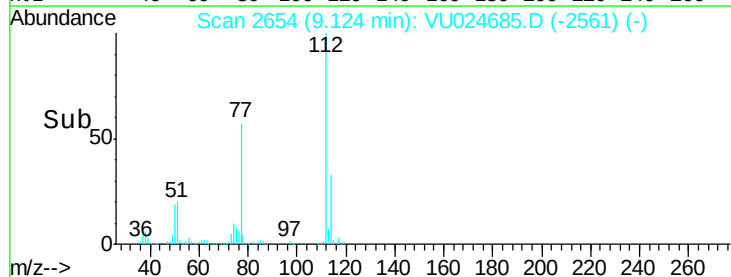
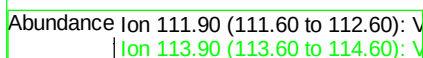
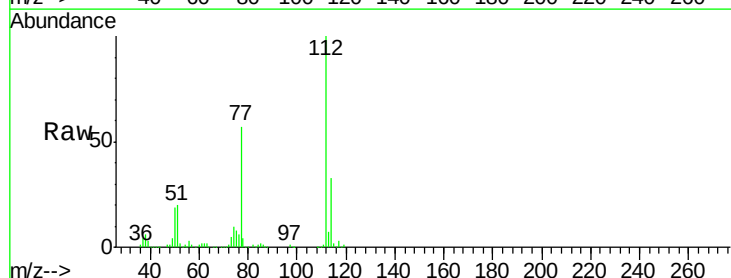
RT: 9.12 min Scan# 2654

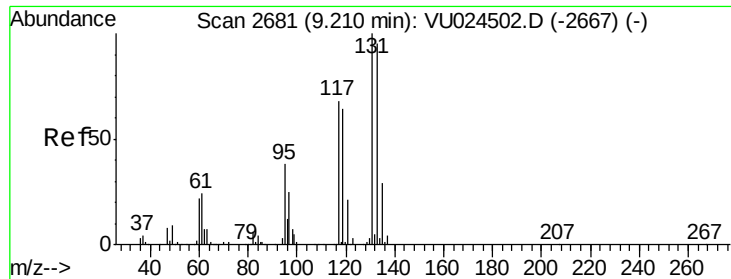
Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.6	38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 49.87 ug/l

RT: 9.21 min Scan# 2681

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

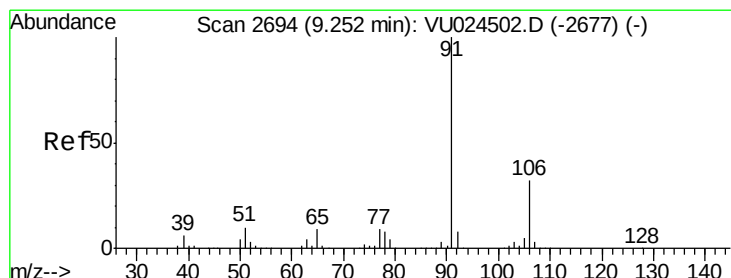
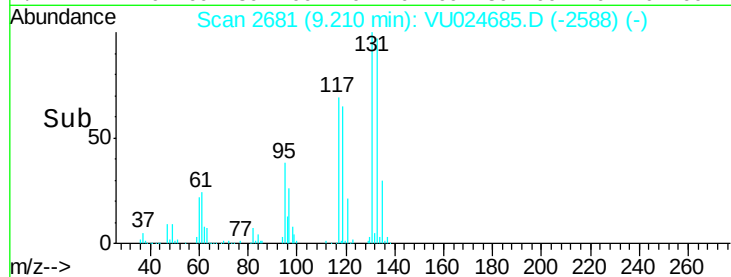
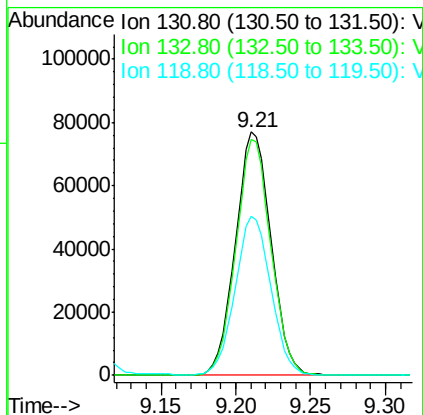
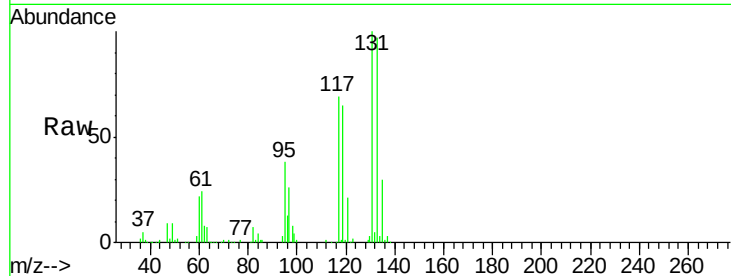
ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion:	131	Resp:	127667
Ion Ratio	Lower	Upper	
131	100		
133	95.3	46.9	140.8
119	65.1	33.5	100.4

Manual Integrations
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#67

Ethyl Benzene

Concen: 47.86 ug/l

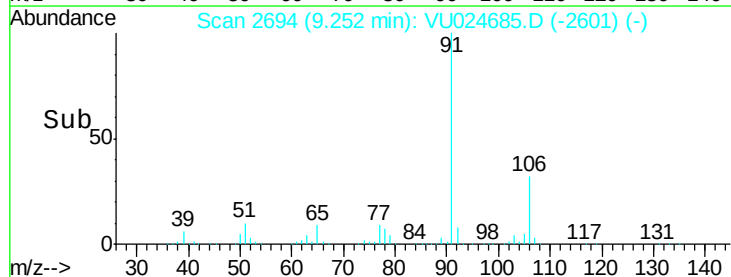
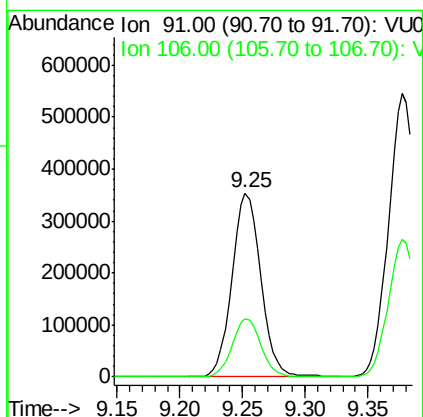
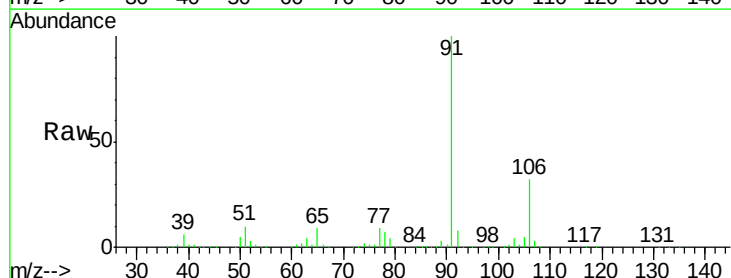
RT: 9.25 min Scan# 2694

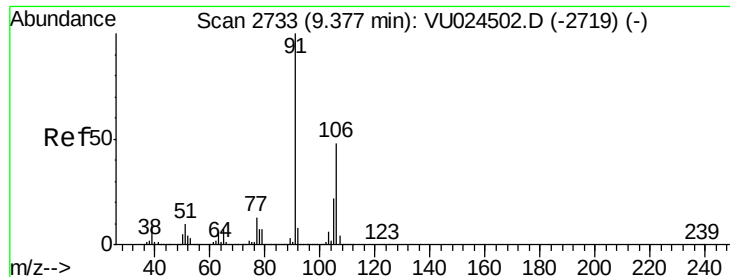
Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Tgt Ion:	91	Resp:	565366
Ion Ratio	Lower	Upper	
91	100		
106	31.7	24.2	36.4





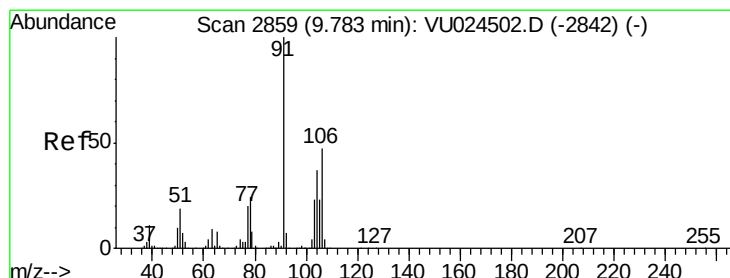
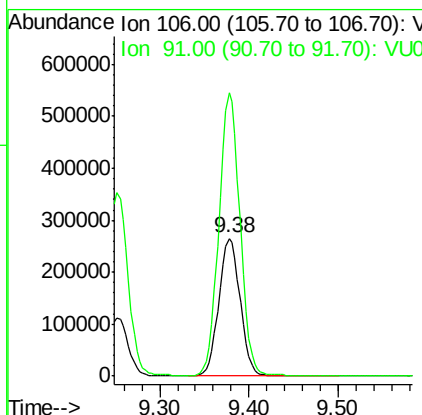
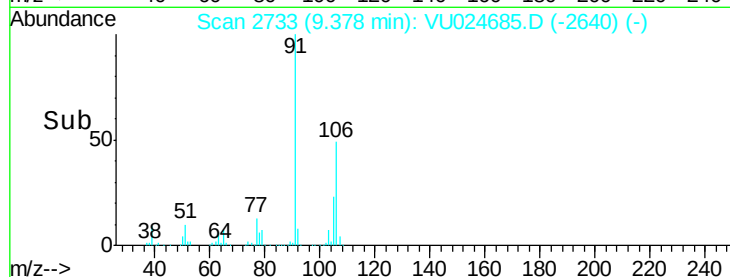
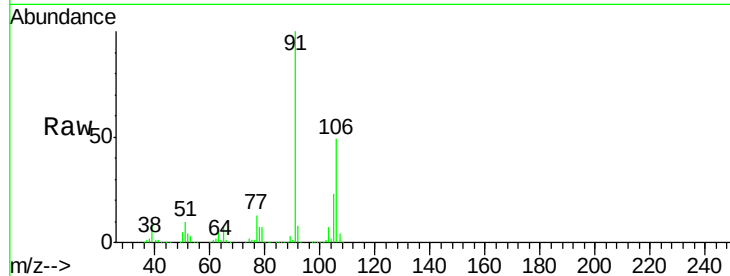
#68
m/p-Xylenes
Concen: 96.80 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
439061	106	100			
	91	203.6	166.5	249.7	

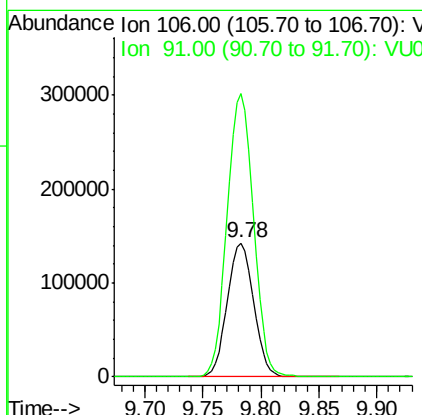
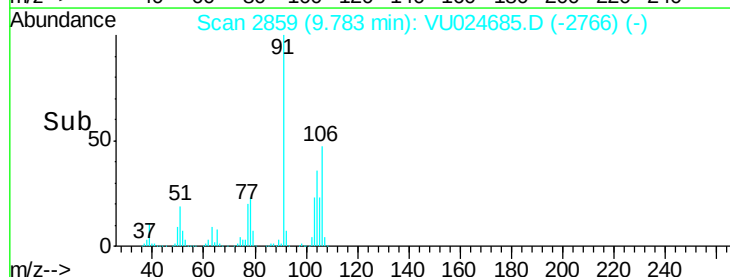
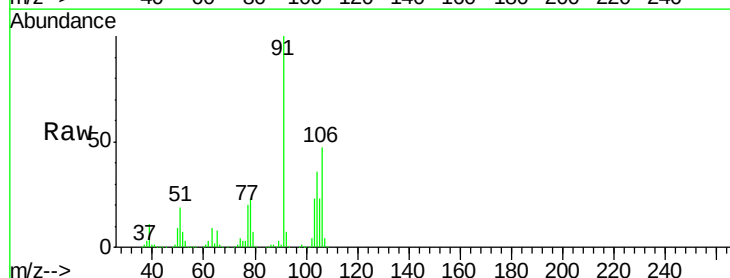
Manual Integrations
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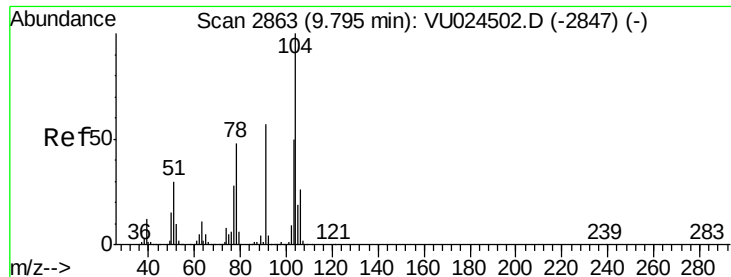
MMDadoda
6/19/2018 1:55:00 PM



#69
o-Xylene
Concen: 49.89 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
223954	106	100			
	91	211.9	110.7	331.9	





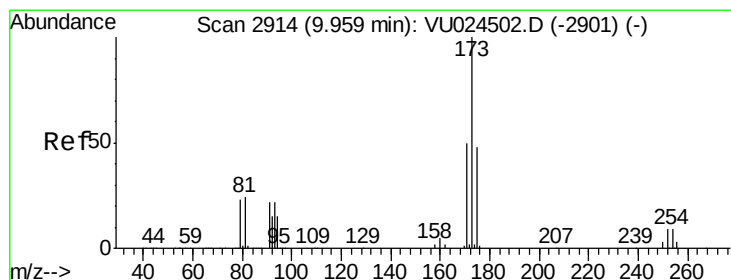
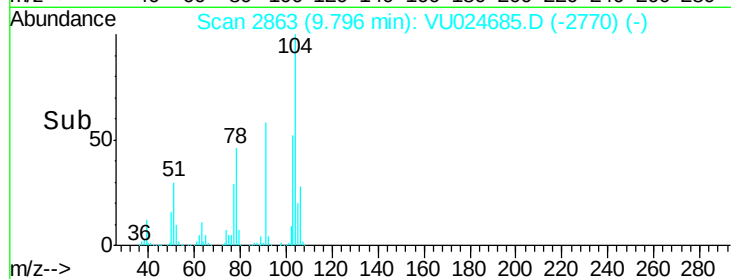
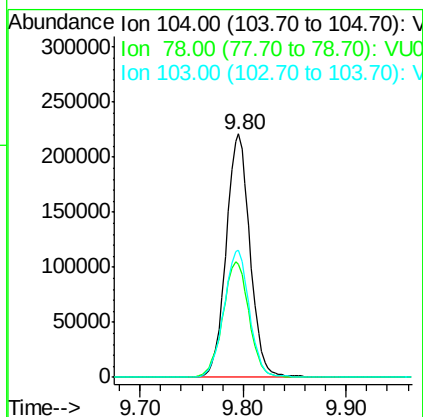
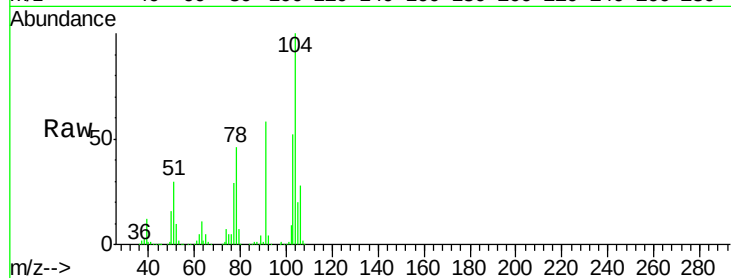
#70
Stvrene
Concen: 48.33 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Resp	Lower	Upper
104	100	356552		
78	51.9		40.6	60.8
103	55.7		44.7	67.1

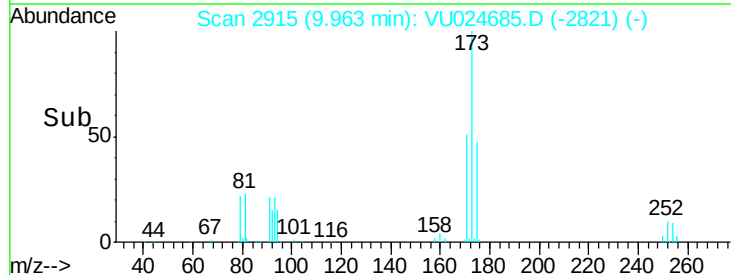
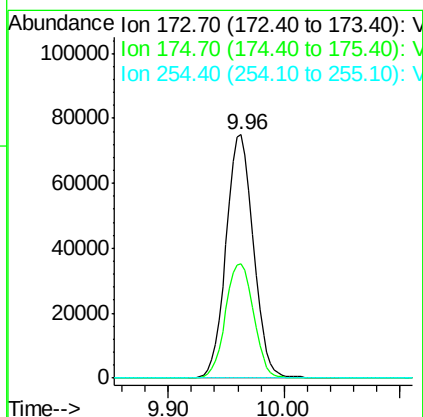
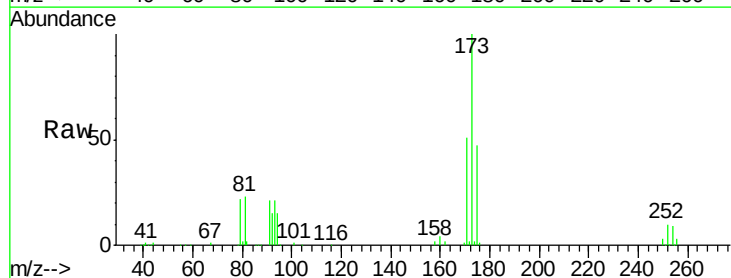
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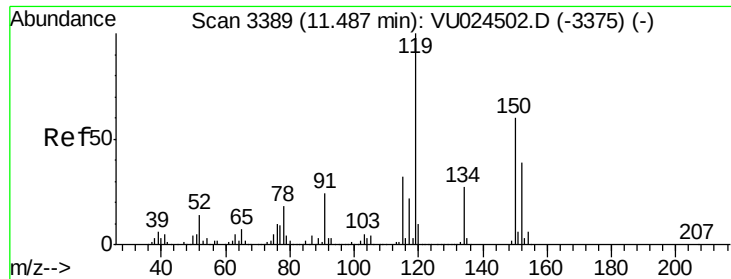
MMDadoda
6/19/2018 1:55:00 PM



#71
Bromoform
Concen: 50.47 ug/l
RT: 9.96 min Scan# 2915
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	122808		
175	48.4		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: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

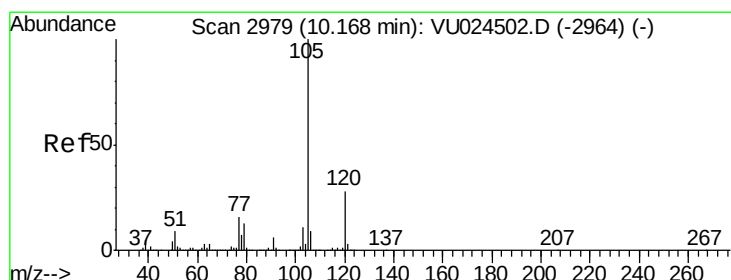
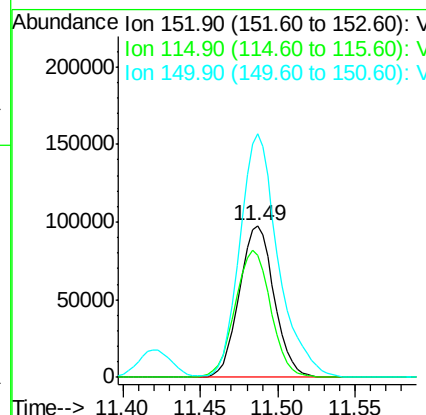
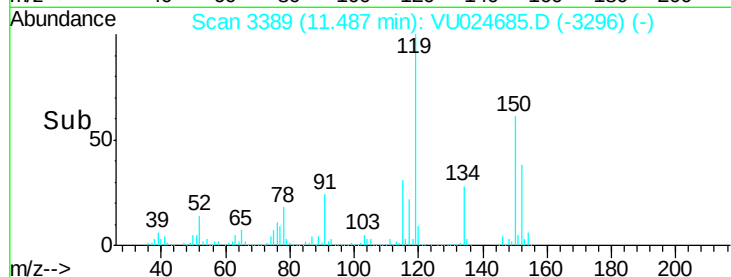
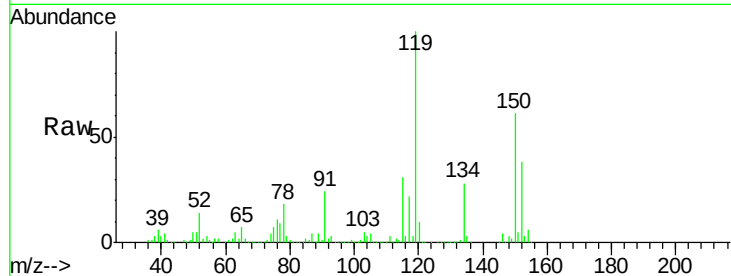
ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion:	152	Resp:	152585
Ion Ratio	Lower	Upper	
152	100		
115	86.4	43.0	129.0
150	176.5	0.0	354.0

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#73

Isopropylbenzene

Concen: 50.85 ug/l

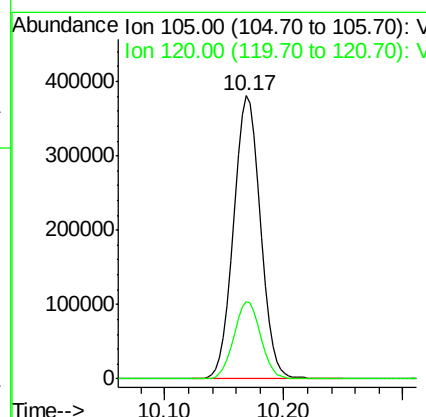
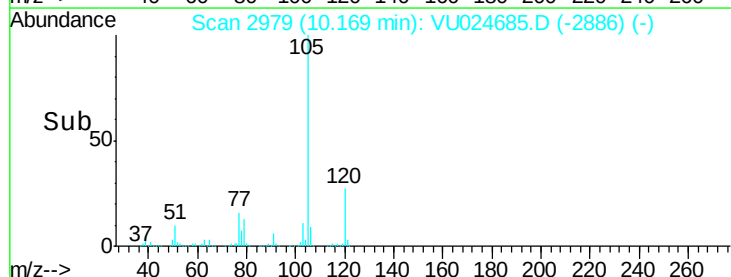
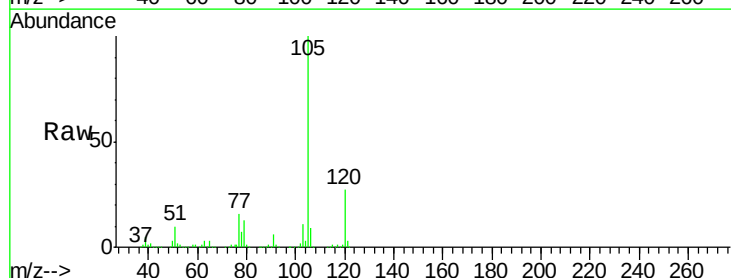
RT: 10.17 min Scan# 2979

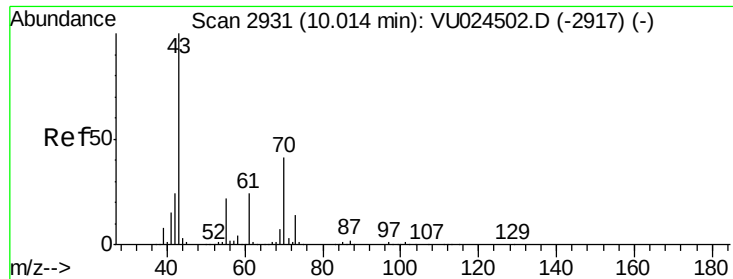
Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Tgt Ion:	105	Resp:	595740
Ion Ratio	Lower	Upper	
105	100		
120	27.3	13.2	39.6





#74

N-amvl acetate

Concen: 54.66 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

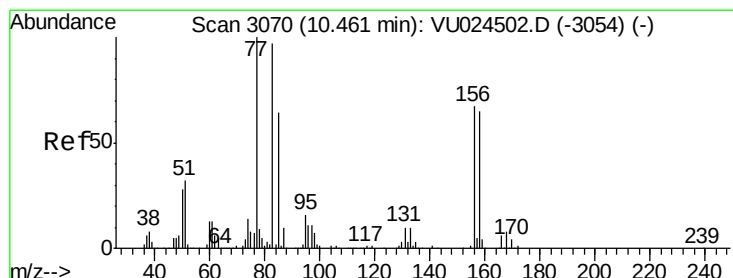
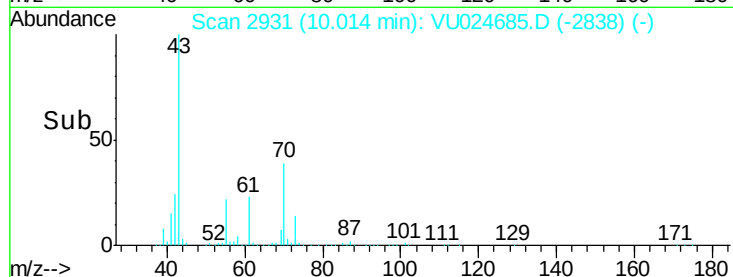
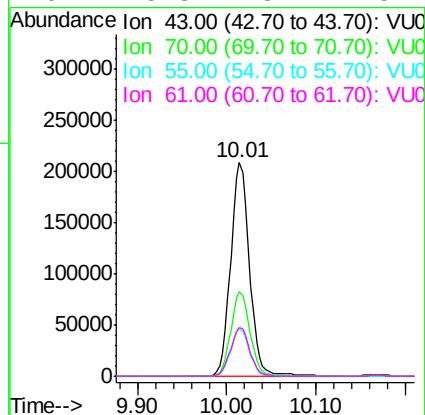
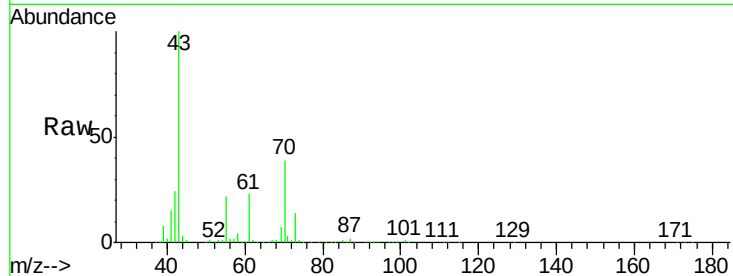
ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		304547		
70	40.2	32.2	48.4		
55	22.2	20.5	30.7		
61	23.3	18.7	28.1		

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#75

1,1,2,2-Tetrachloroethane

Concen: 56.09 ug/l

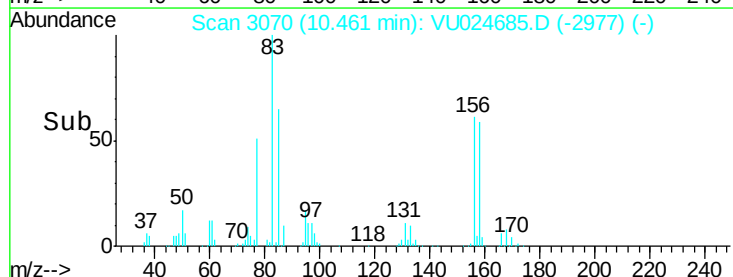
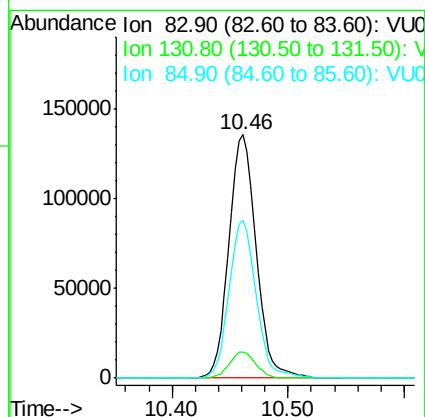
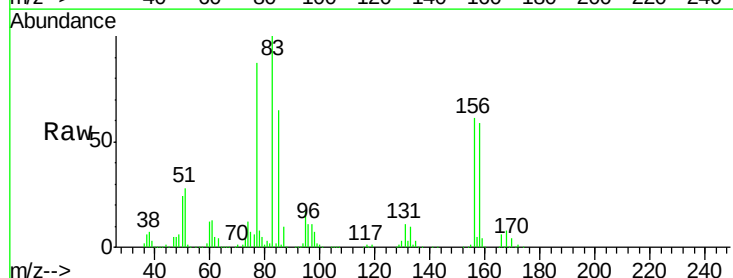
RT: 10.46 min Scan# 3070

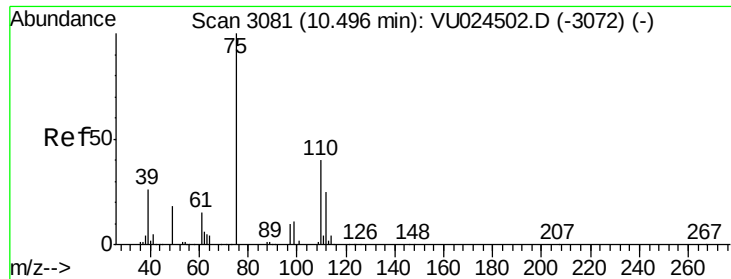
Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		220191		
131	10.5	4.7	14.1		
85	64.7	32.5	97.5		





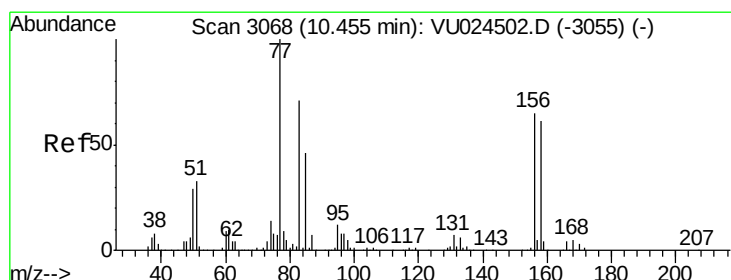
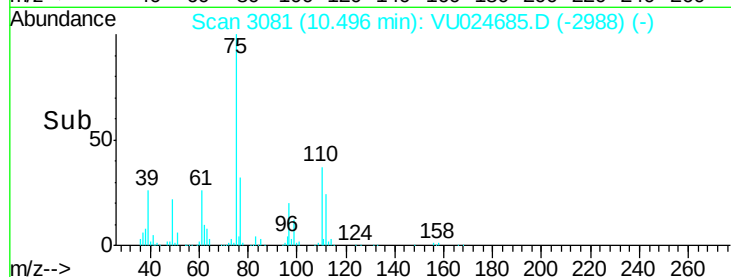
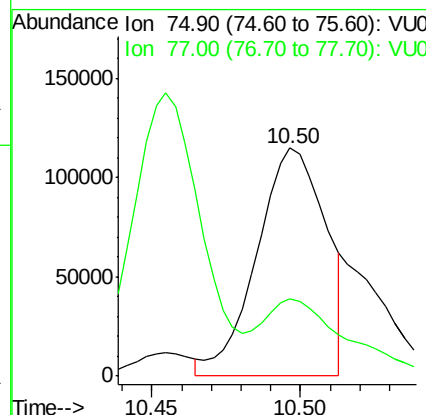
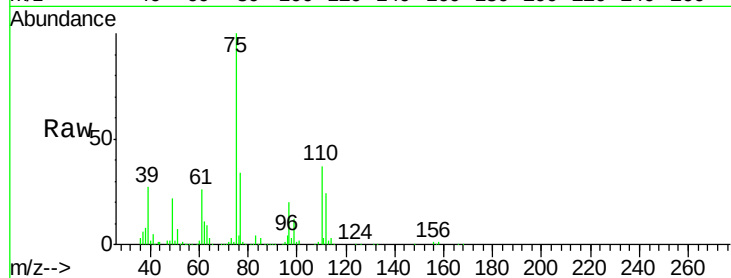
#76
 1,2,3-Trichloropropane
 Concen: 54.86 ug/l m
 RT: 10.50 min Scan# 3081
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion: 75 Resp: 184306
 Ion Ratio Lower Upper
 75 100
 77 40.2 20.9 62.7

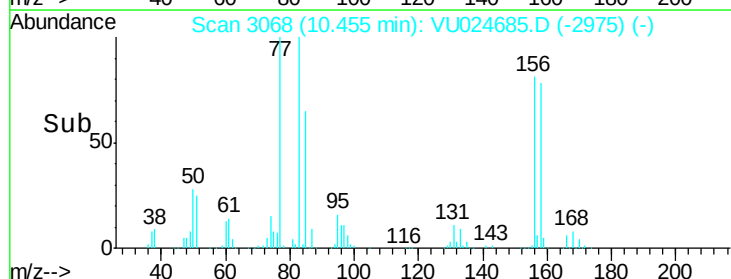
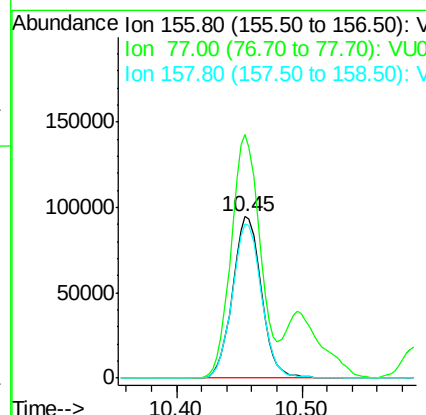
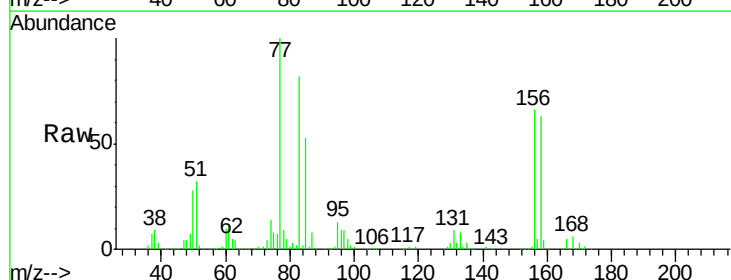
Manual Integrations
 APPROVED

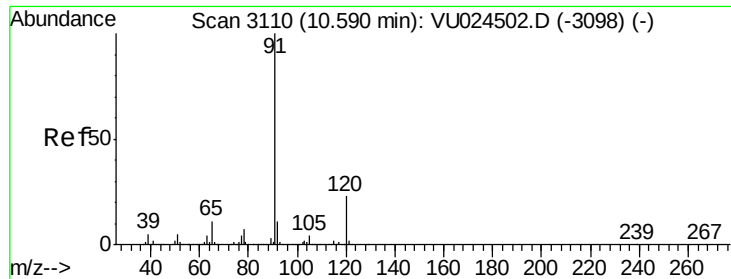
MMDadoda
 6/19/2018 1:55:00 PM



#77
 Bromobenzene
 Concen: 50.78 ug/l
 RT: 10.45 min Scan# 3068
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion: 156 Resp: 150614
 Ion Ratio Lower Upper
 156 100
 77 151.6 80.5 241.3
 158 97.0 48.2 144.6





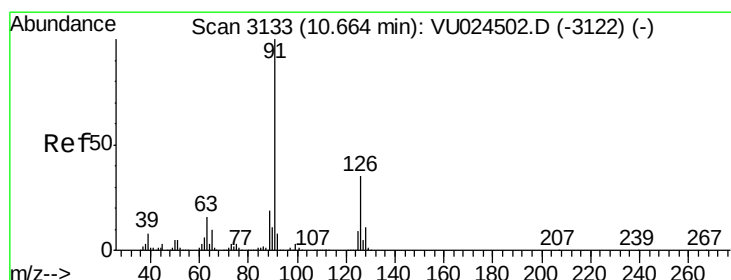
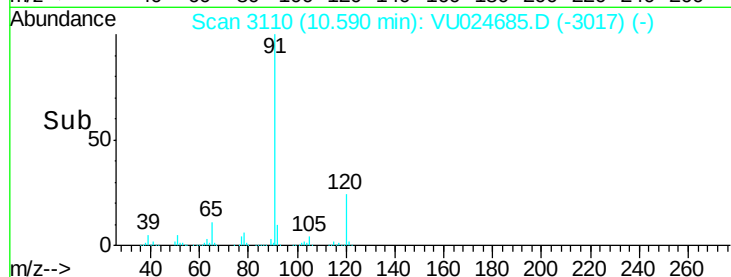
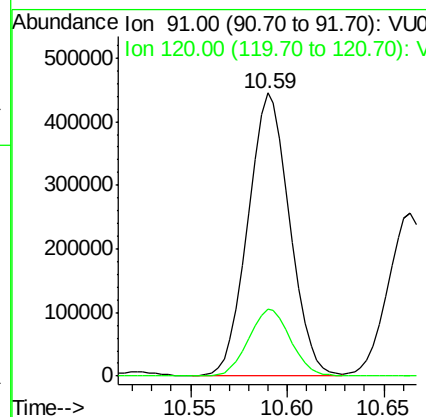
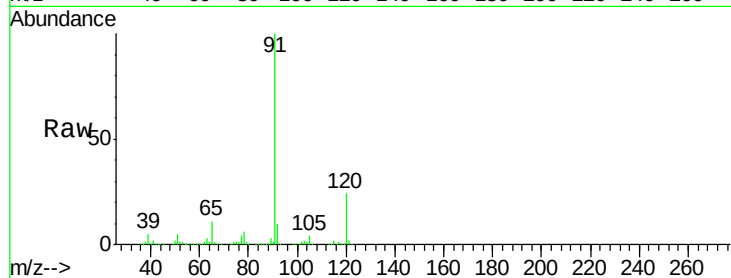
#78
n-propylbenzene
Concen: 48.22 ug/l
RT: 10.59 min Scan# 3110
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.2	33.5

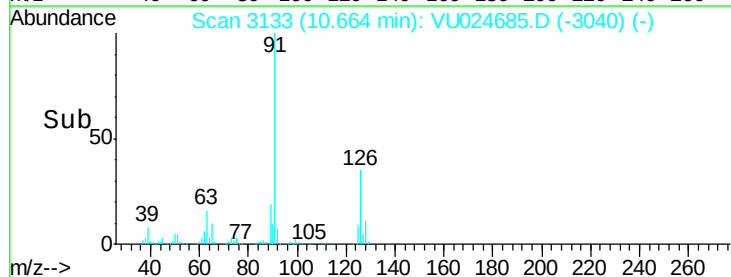
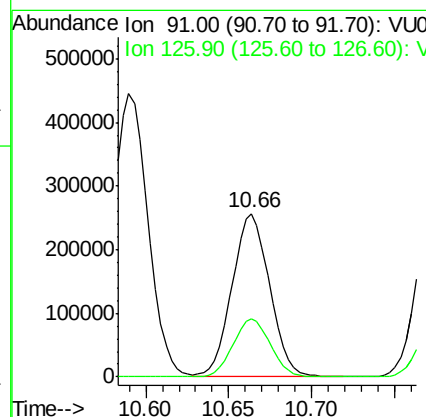
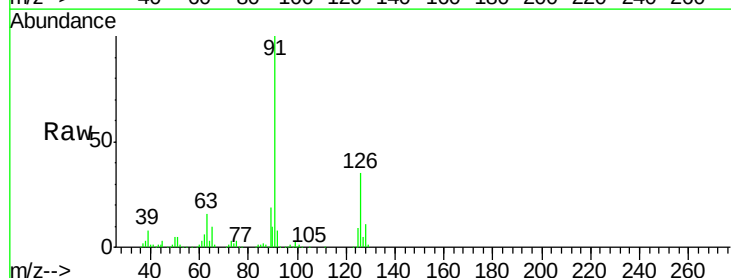
Manual Integrations
APPROVED

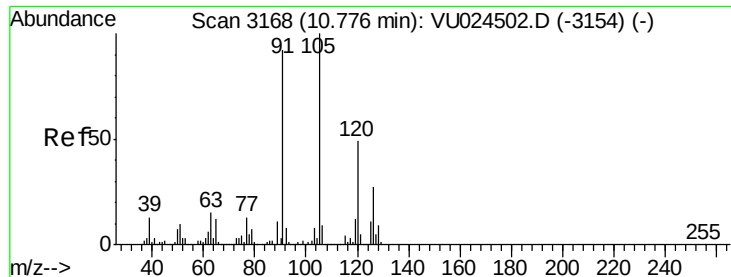
MMDadoda
6/19/2018 1:55:00 PM



#79
2-Chlorotoluene
Concen: 49.32 ug/l
RT: 10.66 min Scan# 3133
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	16.9	50.7





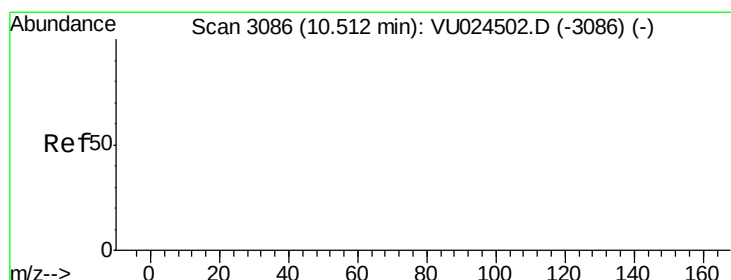
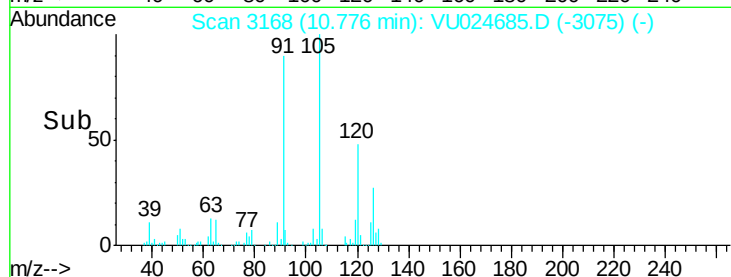
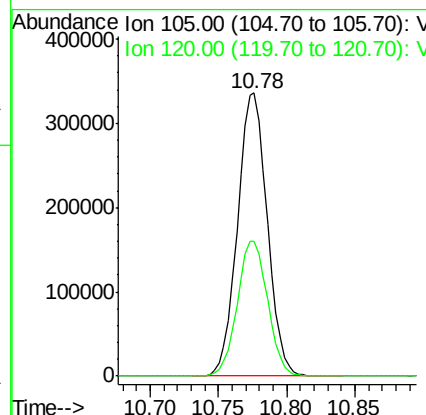
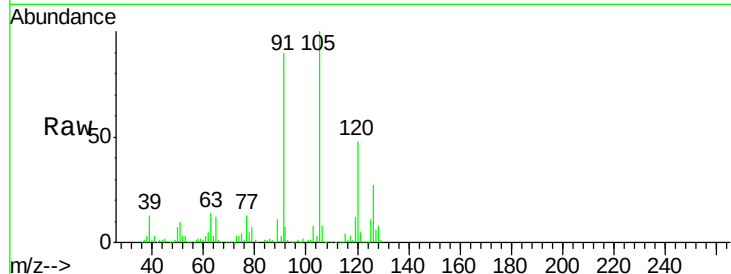
#80
 1,3,5-Trimethylbenzene
 Concen: 49.87 ug/l
 RT: 10.78 min Scan# 3168
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.1	72.2

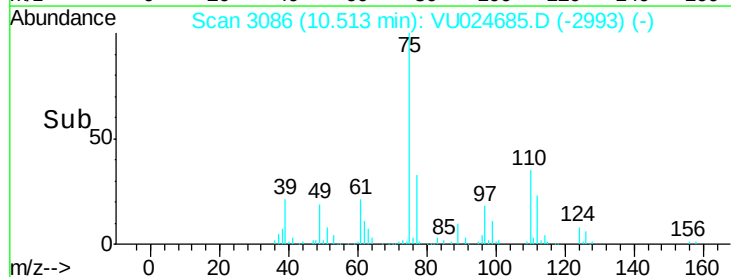
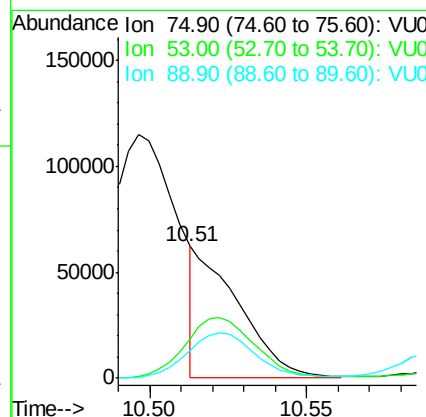
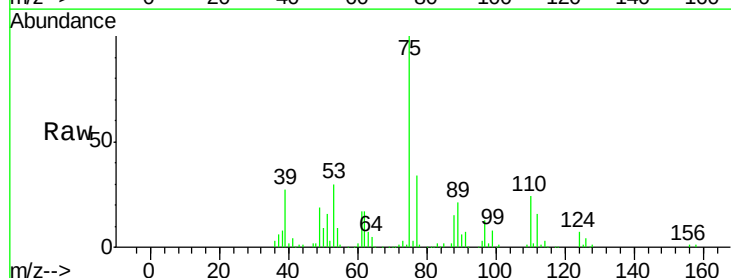
Manual Integrations
 APPROVED

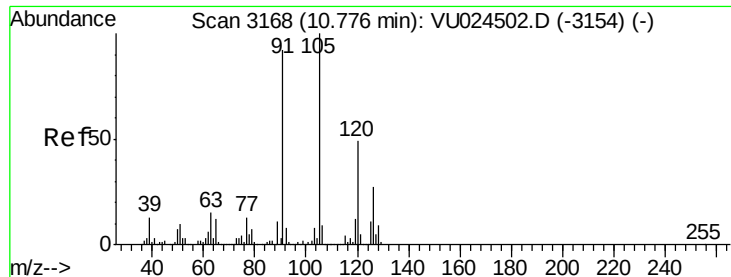
MMDadoda
 6/19/2018 1:55:00 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.82 ug/l m
 RT: 10.51 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0





#82

4-Chlorotoluene

Concen: 48.96 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion: 91 Resp: 463733

Ion Ratio Lower Upper

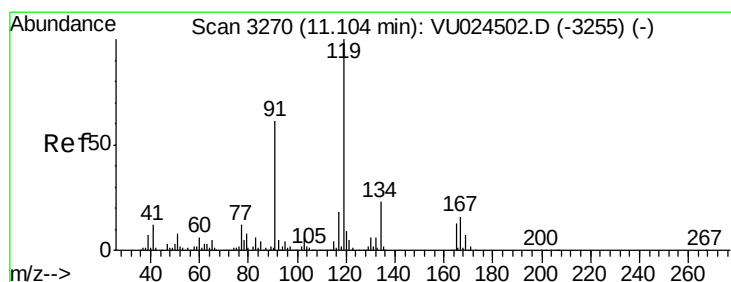
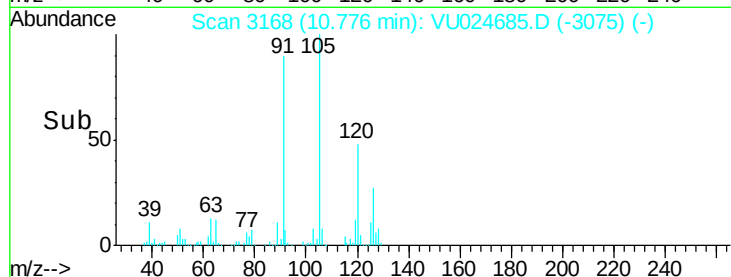
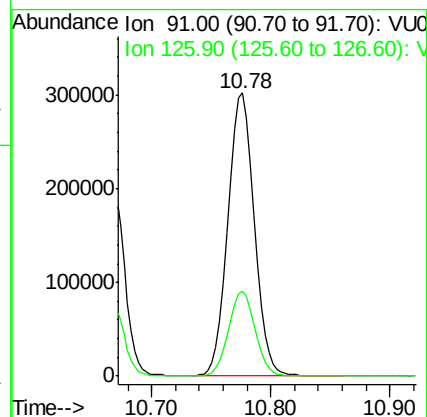
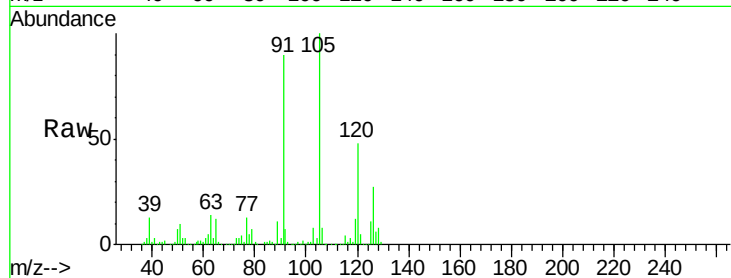
91 100

126 30.4 14.9 44.9

Manual Integrations
APPROVED

MMDadoda

6/19/2018 1:55:00 PM



#83

tert-Butylbenzene

Concen: 52.19 ug/l

RT: 11.10 min Scan# 3270

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

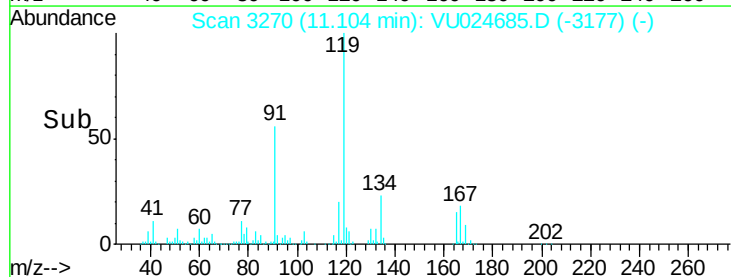
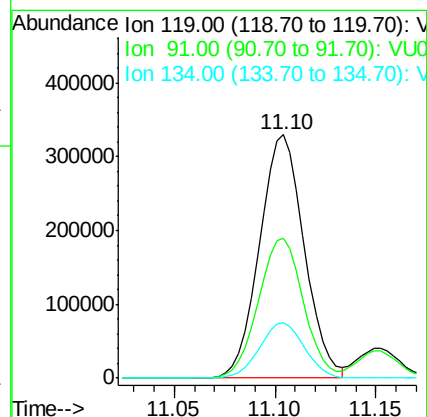
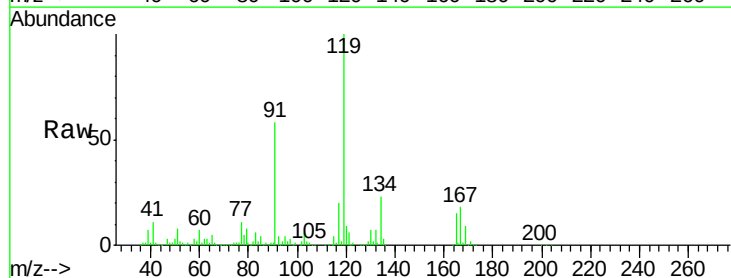
Tgt Ion: 119 Resp: 509796

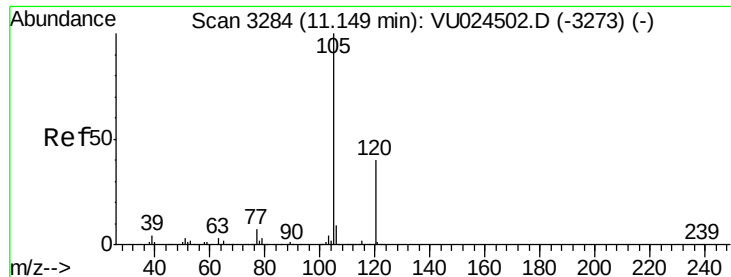
Ion Ratio Lower Upper

119 100

91 57.9 29.7 89.1

134 22.9 11.6 34.7





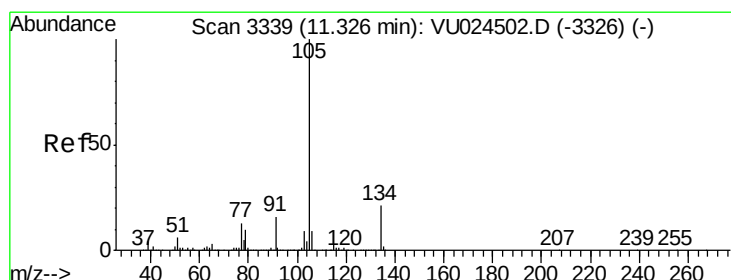
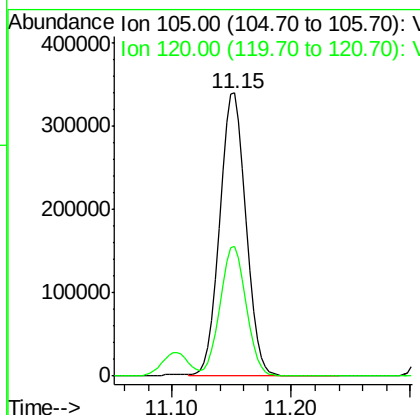
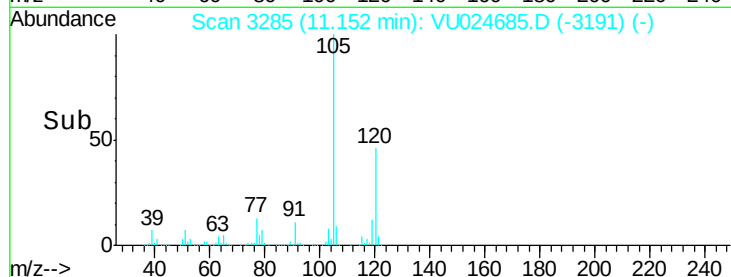
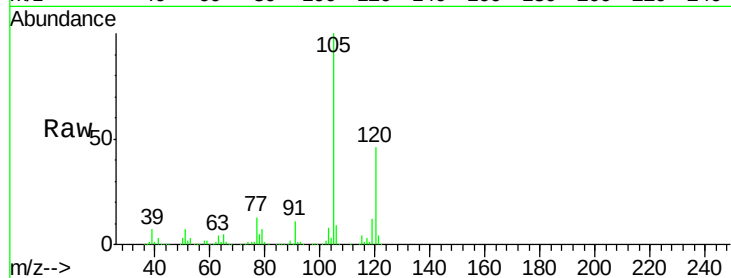
#84
 1,2,4-Trimethylbenzene
 Concen: 50.13 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.6	67.8

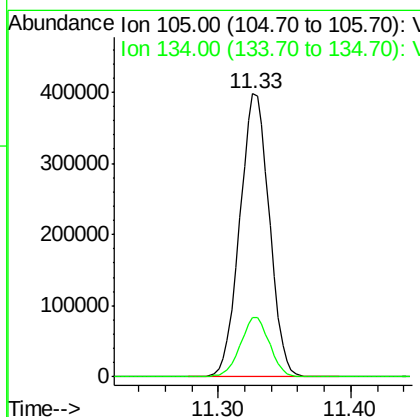
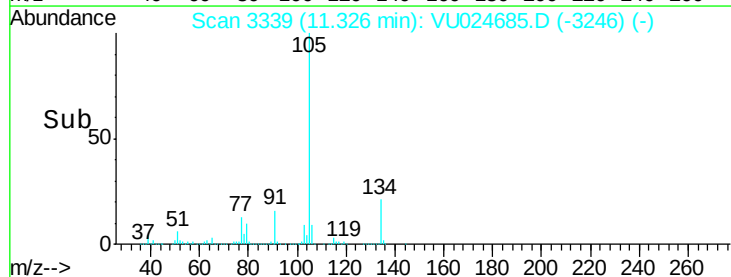
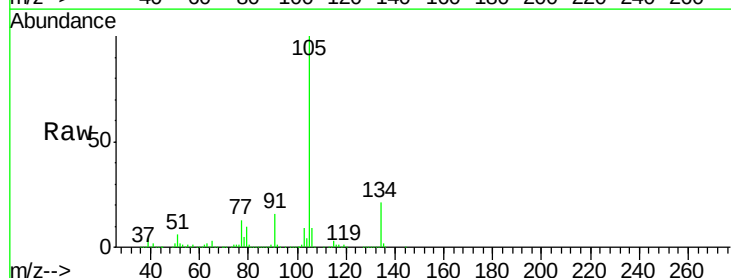
Manual Integrations
 APPROVED

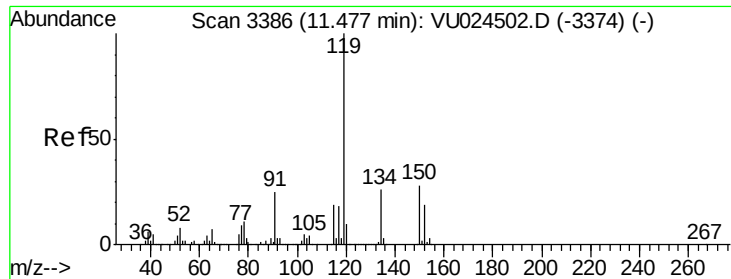
MMDadoda
 6/19/2018 1:55:00 PM



#85
 sec-Butylbenzene
 Concen: 50.19 ug/l
 RT: 11.33 min Scan# 3339
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.0	9.7	29.1





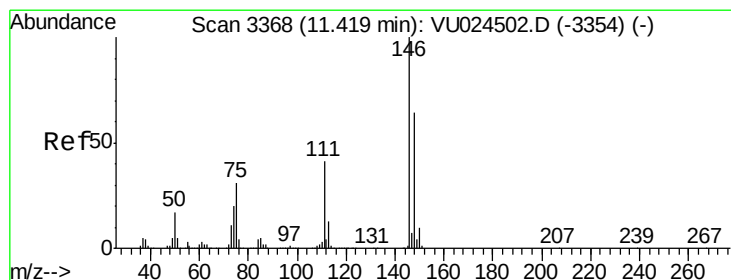
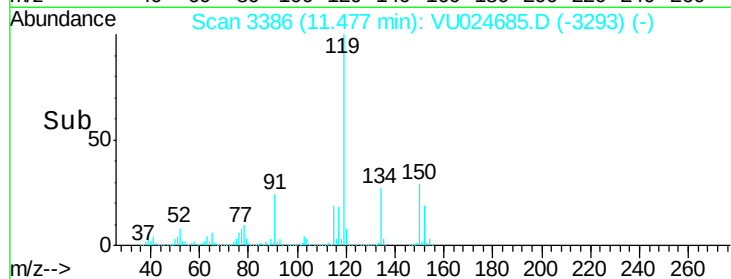
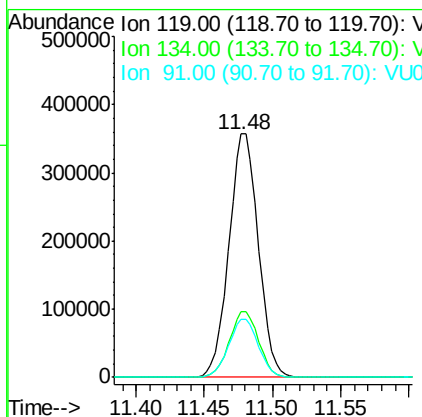
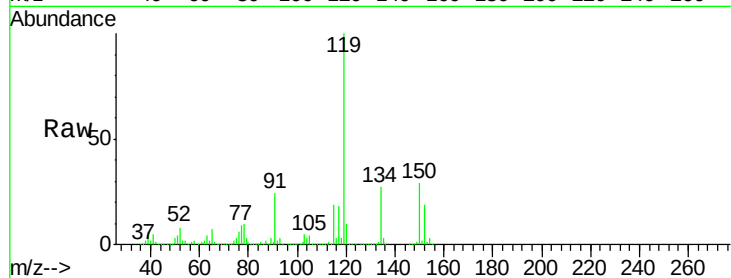
#86
 p-Isopropyltoluene
 Concen: 48.54 ug/l
 RT: 11.48 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion:	119	Resp:	531480
Ion Ratio	Lower	Upper	
119	100		
134	27.2	12.9	38.6
91	24.4	12.0	36.1

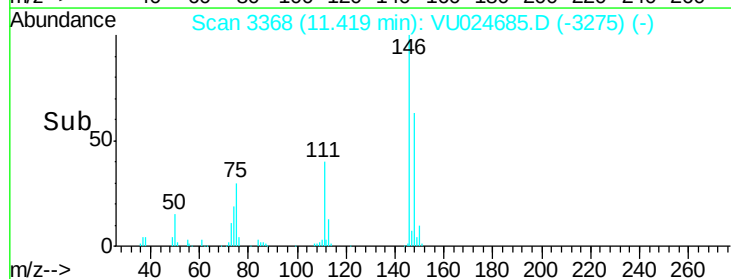
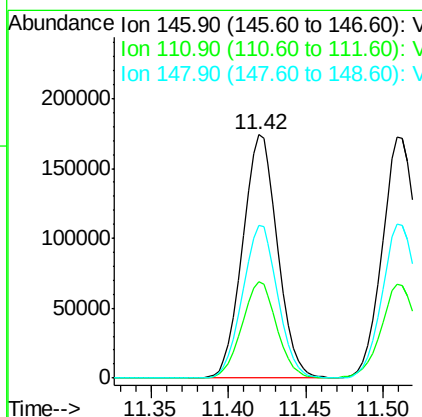
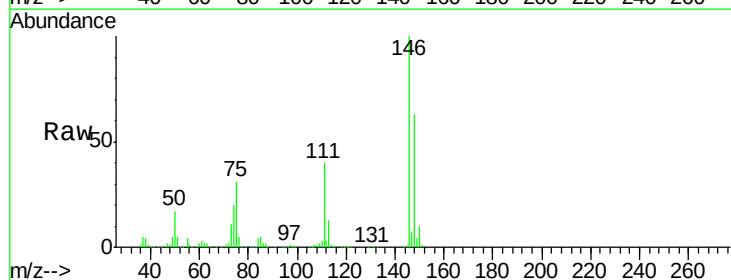
Manual Integrations
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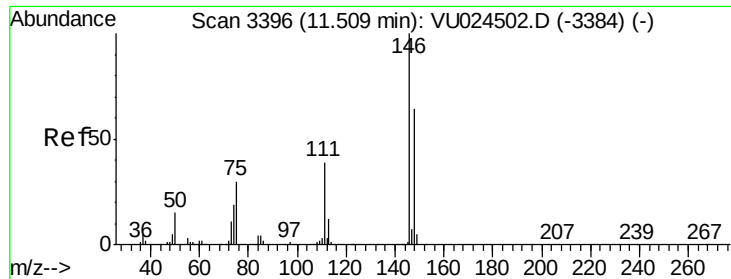
MMDadoda
 6/19/2018 1:55:00 PM



#87
 1,3-Dichlorobenzene
 Concen: 49.85 ug/l
 RT: 11.42 min Scan# 3368
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion:	146	Resp:	273155
Ion Ratio	Lower	Upper	
146	100		
111	39.4	20.0	60.0
148	63.3	32.1	96.5





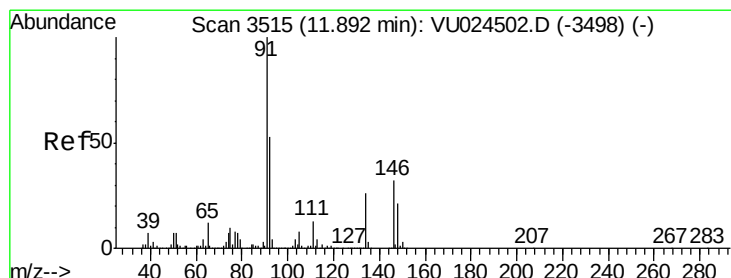
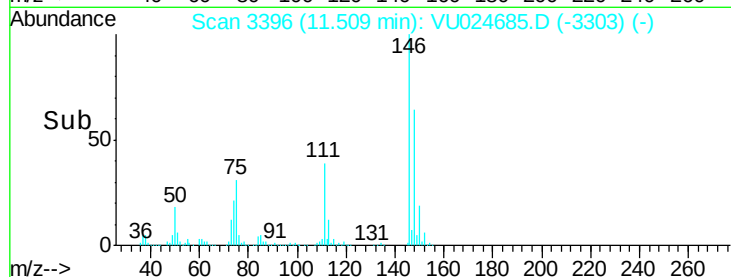
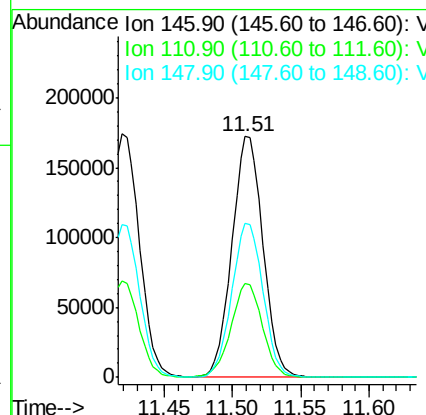
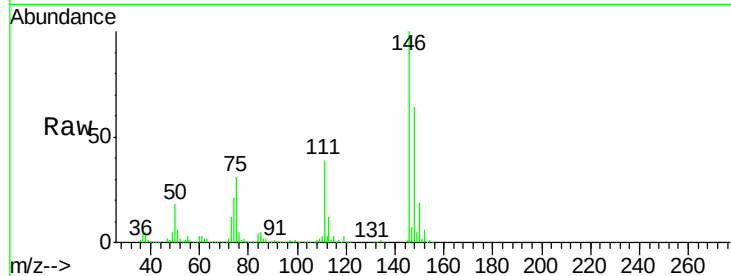
#88
 1,4-Dichlorobenzene
 Concen: 49.48 ug/l
 RT: 11.51 min Scan# 3396
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	64.1	32.4	97.0

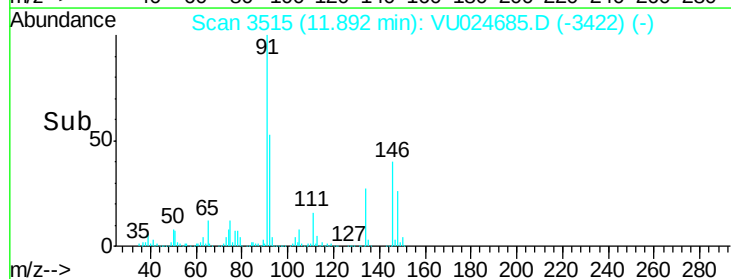
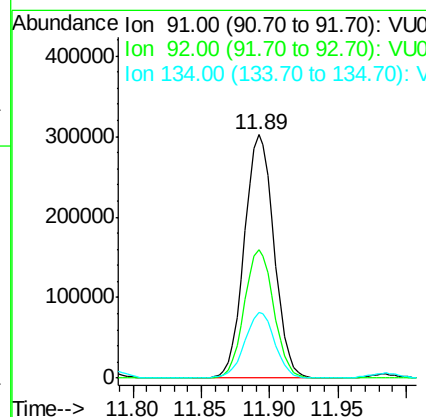
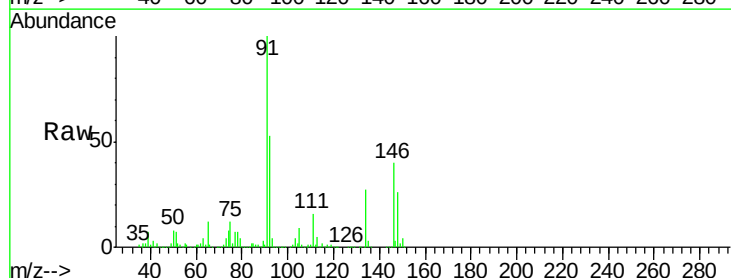
Manual Integrations
 APPROVED

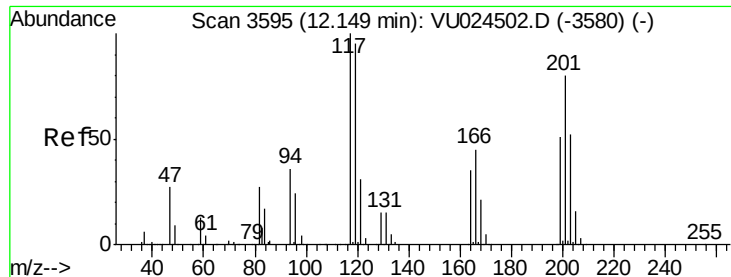
MMDadoda
 6/19/2018 1:55:00 PM



#89
 n-Butylbenzene
 Concen: 46.93 ug/l
 RT: 11.89 min Scan# 3515
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.5	25.6	76.8
134	27.5	12.3	36.8





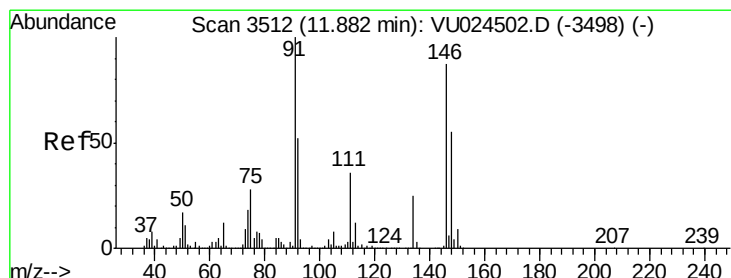
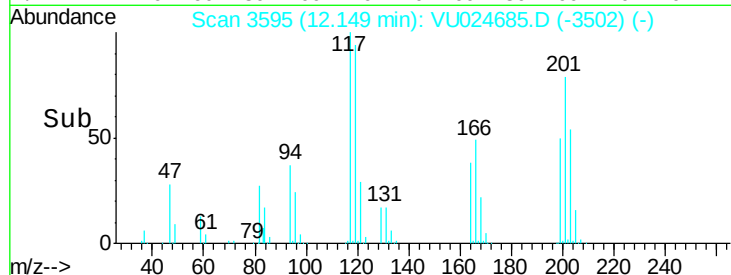
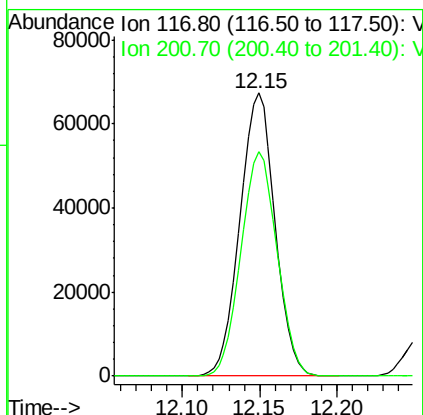
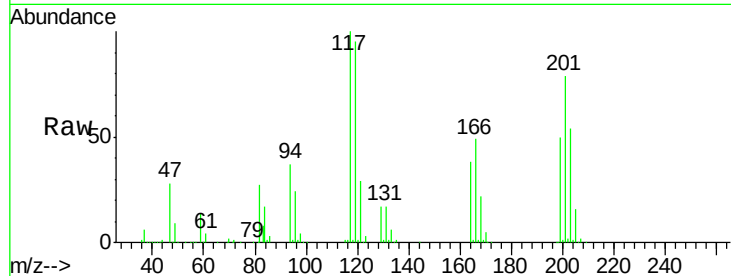
#90
Hexachloroethane
Concen: 49.76 ug/l
RT: 12.15 min Scan# 3595
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Resp	Lower	Upper
117	100	106283		
201	81.6	41.1	123.3	

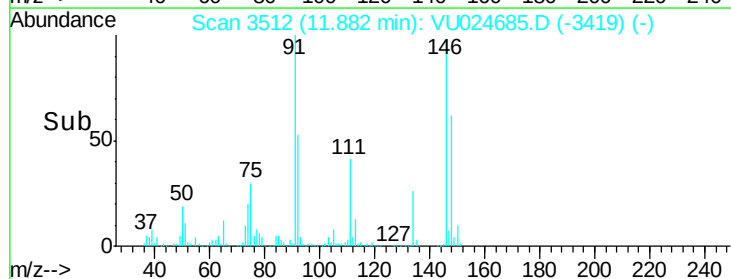
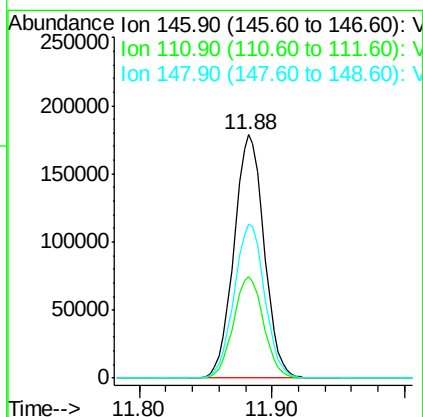
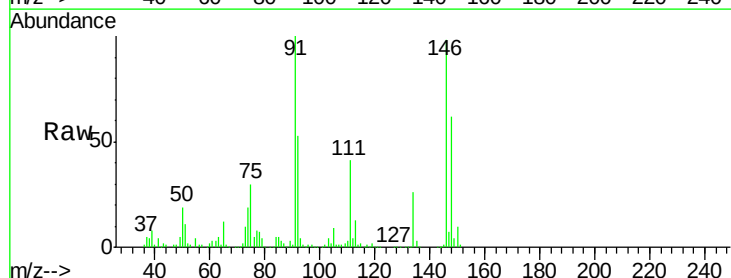
Manual Integrations
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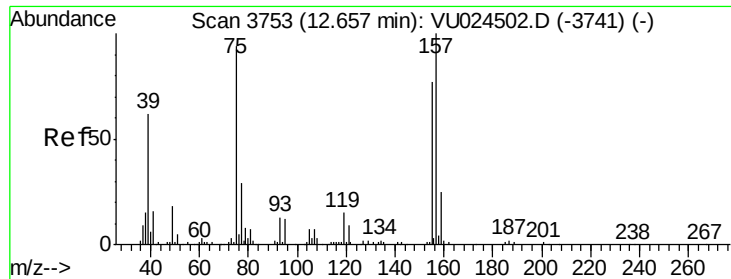
MMDadoda
6/19/2018 1:55:00 PM



#91
1,2-Dichlorobenzene
Concen: 51.33 ug/l
RT: 11.88 min Scan# 3512
Delta R.T. 0.00 min
Lab File: VU024685.D
Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	281720		
111	41.9	20.5	61.6	
148	64.2	31.9	95.7	





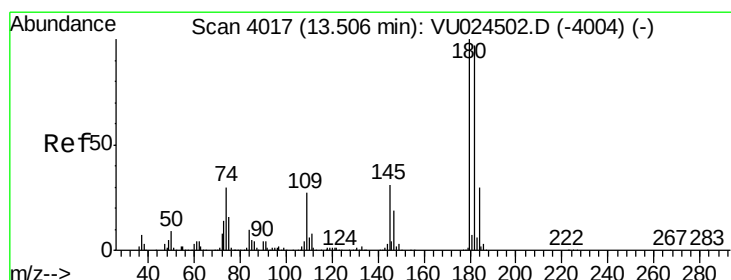
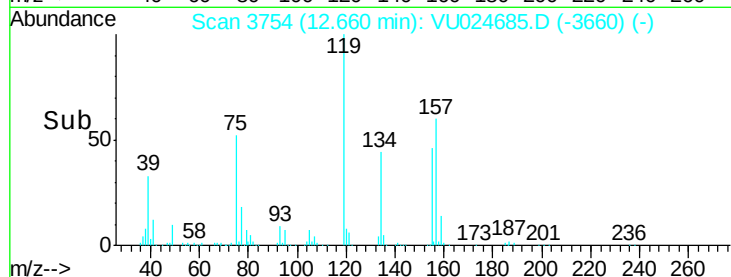
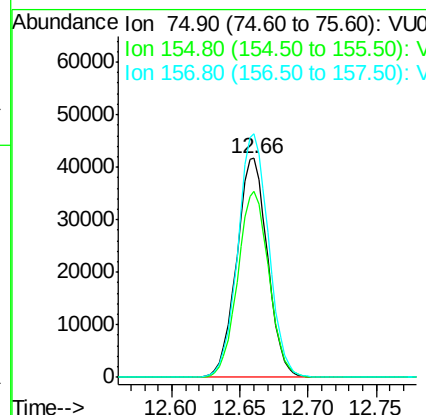
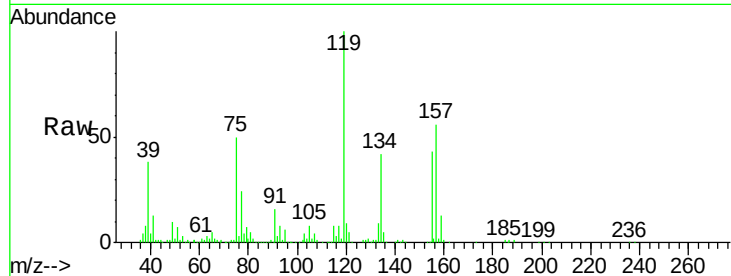
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.48 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Lower	Upper
75	100		
155	85.6	40.4	121.2
157	110.3	52.3	156.8

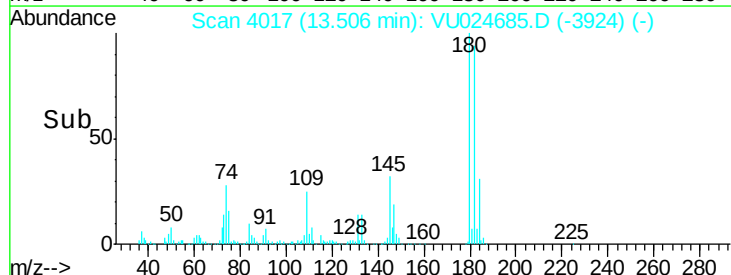
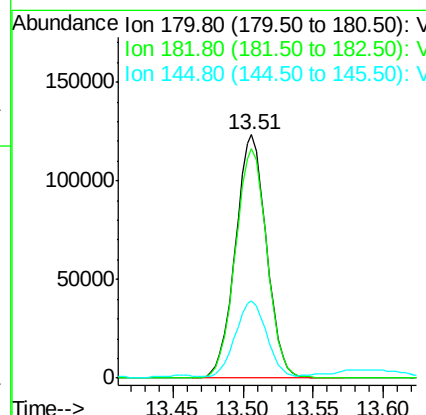
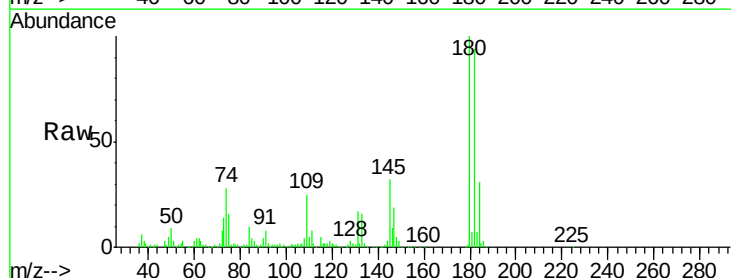
Manual Integrations
 APPROVED

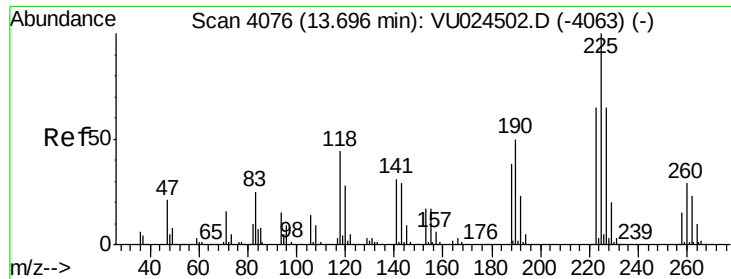
MMDadoda
 6/19/2018 1:55:00 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 55.96 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.0	144.2
145	31.5	14.7	44.1





#94

Hexachlorobutadiene

Concen: 48.80 ug/l

RT: 13.70 min Scan# 4076

Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Instrument :

MSVOA_U

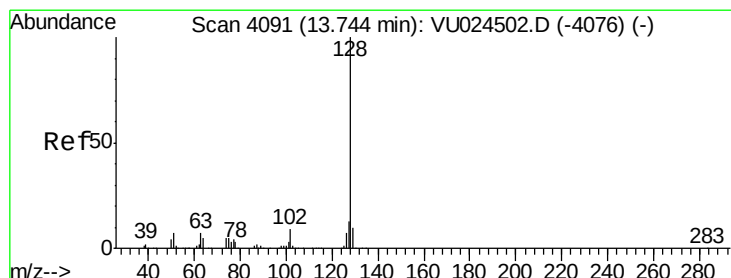
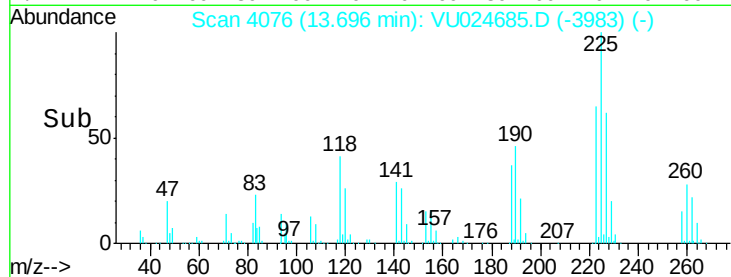
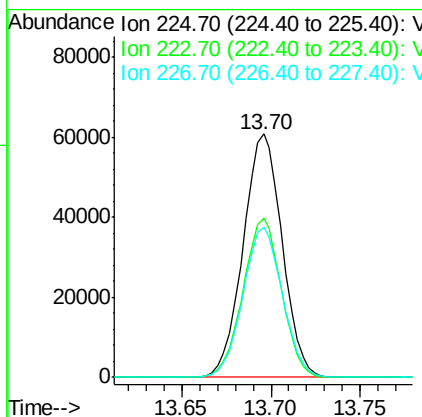
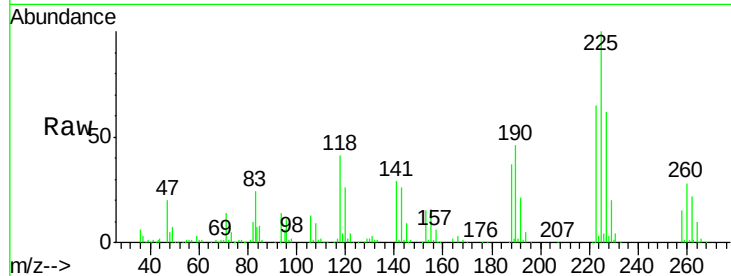
ClientSampleId :

T11-MW-10-8.0-061218MSD

Tot Ion:	225	Resp:	93086
Ion Ratio	Lower	Upper	
225	100		
223	64.2	31.3	93.8
227	62.1	31.8	95.4

Manual Integrations
APPROVED

MMDadoda
6/19/2018 1:55:00 PM



#95

Naphthalene

Concen: 60.43 ug/l

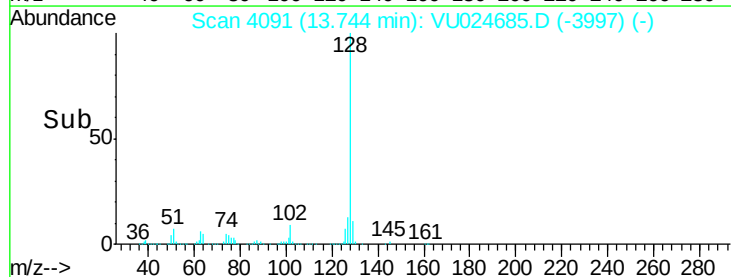
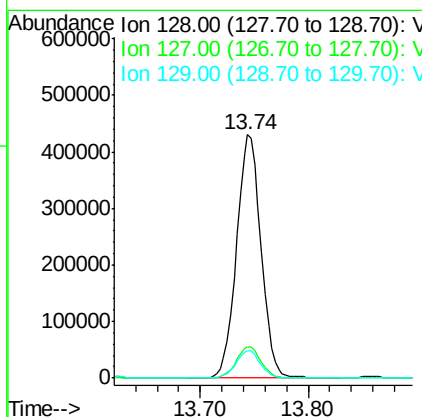
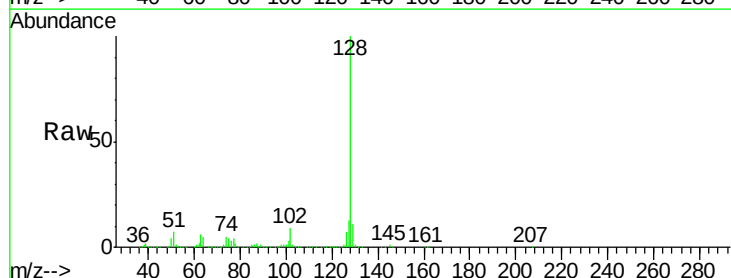
RT: 13.74 min Scan# 4091

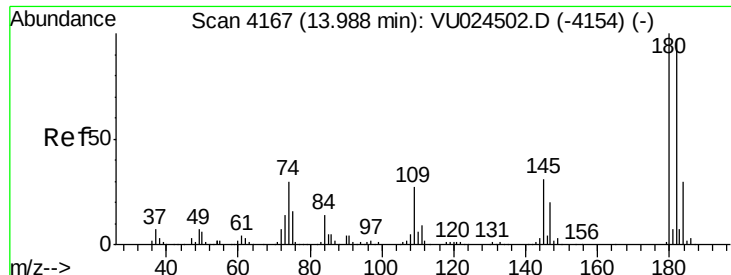
Delta R.T. 0.00 min

Lab File: VU024685.D

Acq: 18 Jun 2018 12:35

Tgt Ion:	128	Resp:	679592
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.7	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 60.32 ug/l
 RT: 13.99 min Scan# 4167
 Delta R.T. 0.00 min
 Lab File: VU024685.D
 Acq: 18 Jun 2018 12:35

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100	203708		
182	96.4		47.9	143.7
145	38.3		15.4	46.1

Manual Integrations
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