

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025254.D
 Acq On : 06 Jul 2018 20:54
 Operator : MD/SY
 Sample : VU0707WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0707WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:58:01 PM

Quant Time: Jul 07 00:31:46 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	155002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	235531	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	220461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	126079	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	123648	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	4.89	113	97650	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
50) Toluene-d8	7.57	98	328344	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
62) 4-Bromofluorobenzene	10.31	95	127509	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	30141	15.536	ug/l	98
3) Chloromethane	1.33	50	31906	16.097	ug/l	98
4) Vinyl Chloride	1.40	62	33623	16.448	ug/l	99
5) Bromomethane	1.62	94	21645	21.904	ug/l	100
6) Chloroethane	1.70	64	23114	19.595	ug/l	98
7) Trichlorofluoromethane	1.89	101	54965	17.619	ug/l	99
8) Diethyl Ether	2.10	74	21253	18.847	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.29	101	34405	17.777	ug/l	98
10) Methyl Iodide	2.41	142	32433	22.996	ug/l	96
11) Tert butyl alcohol	2.82	59	60514	98.329	ug/l	99
12) 1,1-Dichloroethene	2.28	96	30866	17.489	ug/l	95
13) Acrolein	2.19	56	34828	107.768	ug/l	98
14) Allyl chloride	2.59	41	49803	15.198	ug/l	94
15) Acrylonitrile	2.94	53	118028	98.572	ug/l	99
16) Acetone	2.32	43	129124	94.972	ug/l	97
17) Carbon Disulfide	2.48	76	75503	13.360	ug/l	99
18) Methyl Acetate	2.62	43	57090	19.587	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	124483	18.764	ug/l	98
20) Methylene Chloride	2.70	84	40344	18.911	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	32619	16.780	ug/l	96
22) Diisopropyl ether	3.57	45	117751	18.126	ug/l #	89
23) Vinyl Acetate	3.53	43	520455	89.437	ug/l	100
24) 1,1-Dichloroethane	3.45	63	66578	17.816	ug/l	97
25) 2-Butanone	4.26	43	179442	98.257	ug/l	99
26) 2,2-Dichloropropane	4.23	77	56992	16.061	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	40916	18.308	ug/l	99
28) Bromochloromethane	4.55	49	36948	22.447	ug/l	85
29) Tetrahydrofuran	4.64	42	110185	97.428	ug/l	98
30) Chloroform	4.68	83	70950	18.757	ug/l	99
31) Cyclohexane	5.00	56	57687	16.042	ug/l #	95
32) 1,1,1-Trichloroethane	4.92	97	64350	18.397	ug/l	95
36) 1,1-Dichloropropene	5.14	75	48547	17.541	ug/l	99
37) Ethyl Acetate	4.38	43	62340	20.666	ug/l #	91
38) Carbon Tetrachloride	5.14	117	54514	17.912	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070718\
 Data File : VU025254.D
 Acq On : 06 Jul 2018 20:54
 Operator : MD/SY
 Sample : VU0707WBS02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0707WBS02

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:58:01 PM

Quant Time: Jul 07 00:31:46 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)
39) Methylcyclohexane	6.42	83	56546	16.372	ug/l	98
40) Benzene	5.39	78	143616	18.211	ug/l	98
41) Methacrylonitrile	4.54	41	34676	21.320	ug/l	98
42) 1,2-Dichloroethane	5.41	62	61368	20.431	ug/l	99
43) Isopropyl Acetate	5.55	43	98036	18.801	ug/l	100
44) Trichloroethene	6.19	130	40164	17.895	ug/l	98
45) 1,2-Dichloropropane	6.44	63	38350	18.225	ug/l	97
46) Dibromomethane	6.56	93	27992	18.938	ug/l	94
47) Bromodichloromethane	6.76	83	52469	17.827	ug/l	99
48) Methyl methacrylate	6.63	41	49430	19.468	ug/l	98
49) 1,4-Dioxane	6.61	88	24586	495.146	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	325961	99.504	ug/l	99
52) Toluene	7.64	92	91997	18.132	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	54255	16.415	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	59229	16.817	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	39884	19.338	ug/l	98
56) Ethyl methacrylate	8.02	69	62060	17.978	ug/l	97
57) 1,3-Dichloropropane	8.25	76	66373	19.077	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.13	63	81837	61.882	ug/l	96
59) 2-Hexanone	8.36	43	255099	95.384	ug/l	100
60) Dibromochloromethane	8.48	129	41302	16.059	ug/l	98
61) 1,2-Dibromoethane	8.59	107	43029	18.744	ug/l	99
64) Tetrachloroethene	8.23	164	38593	18.416	ug/l	98
65) Chlorobenzene	9.12	112	104544	18.563	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	38680	18.077	ug/l	96
67) Ethyl Benzene	9.25	91	176169	17.843	ug/l	98
68) m/p-Xylenes	9.38	106	136903	36.109	ug/l	99
69) o-Xylene	9.78	106	69406	18.498	ug/l	97
70) Styrene	9.80	104	109043	17.684	ug/l	97
71) Bromoform	9.96	173	31545	15.511	ug/l #	97
73) Isopropylbenzene	10.17	105	183578	18.965	ug/l	99
74) N-amyl acetate	10.01	43	81823	17.771	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	65520	20.199	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	54662m	19.692	ug/l	
77) Bromobenzene	10.45	156	47106	19.222	ug/l	94
78) n-propylbenzene	10.59	91	202497	17.759	ug/l	97
79) 2-Chlorotoluene	10.66	91	125899	18.723	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	155294	18.510	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	19718m	16.441	ug/l	
82) 4-Chlorotoluene	10.78	91	139411	17.813	ug/l	99
83) tert-Butylbenzene	11.10	119	154597	19.156	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	154348	18.052	ug/l	99
85) sec-Butylbenzene	11.33	105	182123	18.028	ug/l	98
86) p-Isopropyltoluene	11.48	119	158213	17.487	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	82360	18.191	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	82013	17.998	ug/l	98
89) n-Butylbenzene	11.89	91	118671	14.774	ug/l	98
90) Hexachloroethane	12.15	117	26230	14.861	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	85382	18.828	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	15672	17.510	ug/l	93

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU070718\
Data File : VU025254.D
Acq On : 06 Jul 2018 20:54
Operator : MD/SY
Sample : VU0707WBS02
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

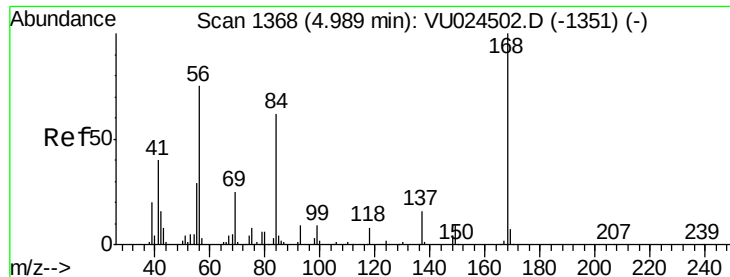
Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM

Quant Time: Jul 07 00:31:46 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 13 13:55:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	45580	16.277	ug/l	98
94) Hexachlorobutadiene	13.70	225	27779	17.624	ug/l	98
95) Naphthalene	13.75	128	155843	17.261	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	50774	18.196	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion:168 Resp: 155002

Ion Ratio Lower Upper

168 100

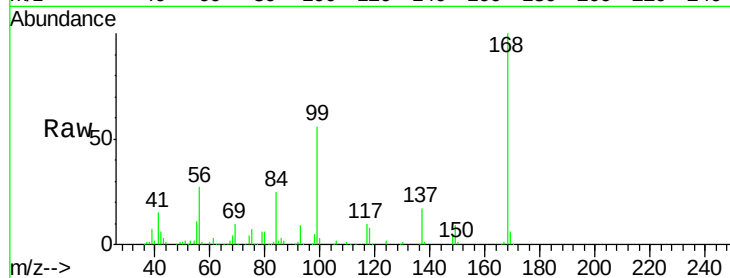
99 55.3 43.2 64.8

Manual Integrations

APPROVED

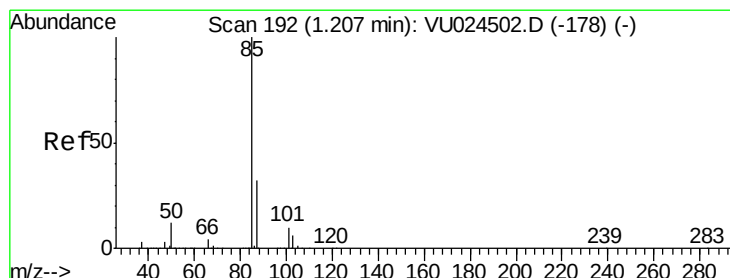
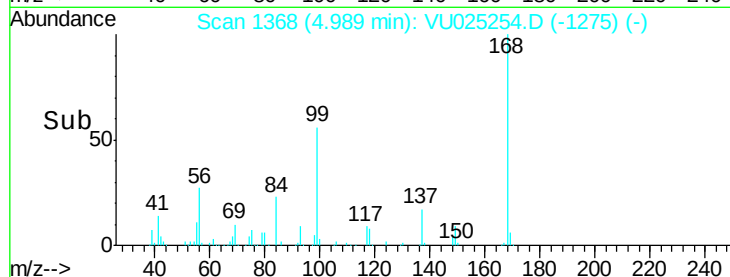
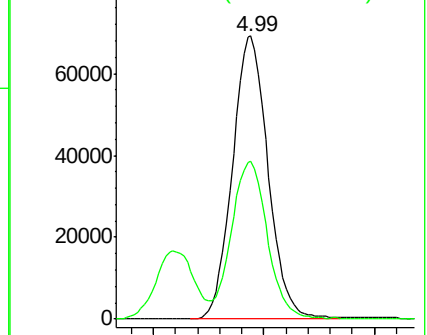
MMDadoda

7/9/2018 12:58:01 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VU0



#2

Dichlorodifluoromethane

Concen: 15.536 ug/l

RT: 1.20 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU025254.D

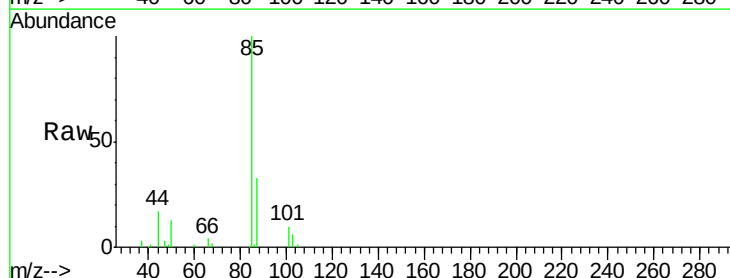
Acq: 06 Jul 2018 20:54

Tgt Ion: 85 Resp: 30141

Ion Ratio Lower Upper

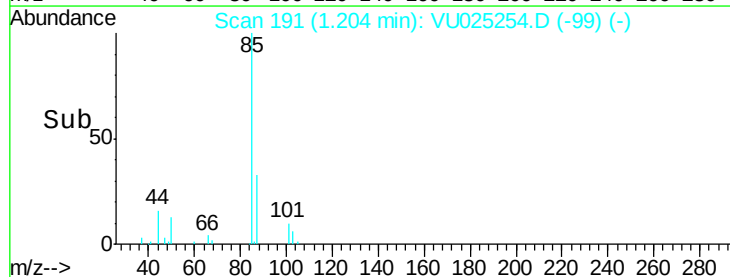
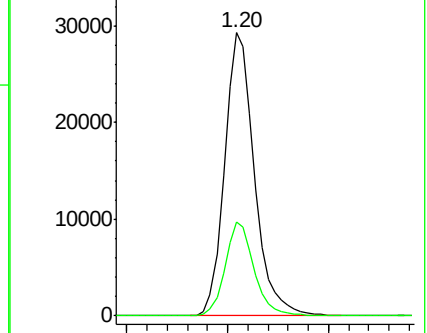
85 100

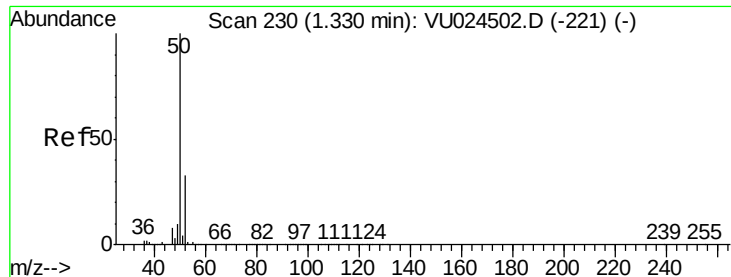
87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VU0

Ion 86.90 (86.60 to 87.60): VU0





#3

Chloromethane

Concen: 16.097 ug/l

RT: 1.33 min Scan# 230

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion: 50 Resp: 31906

Ion Ratio Lower Upper

50 100

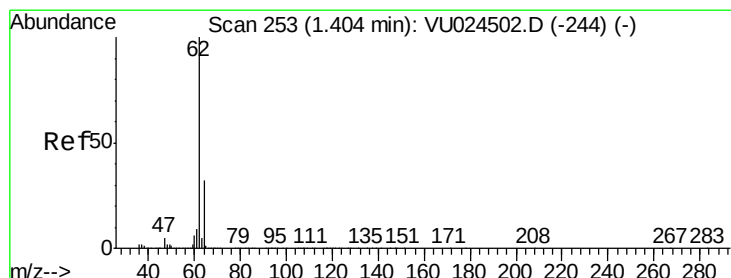
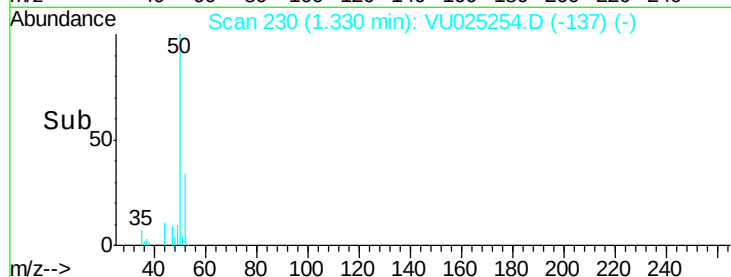
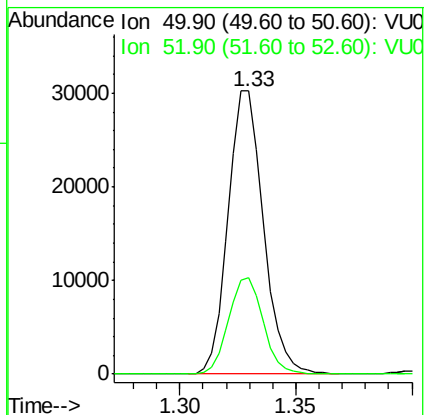
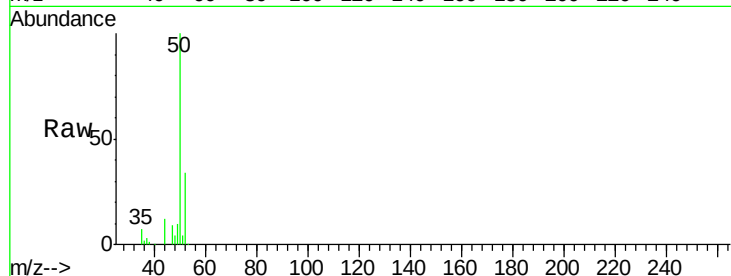
52 34.1 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#4

Vinyl Chloride

Concen: 16.448 ug/l

RT: 1.40 min Scan# 253

Delta R.T. -0.00 min

Lab File: VU025254.D

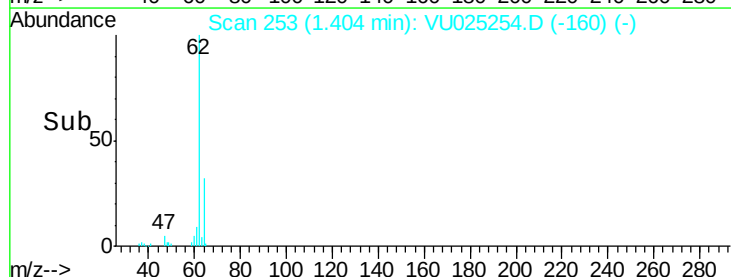
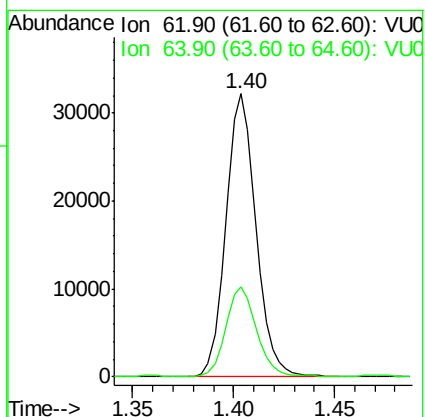
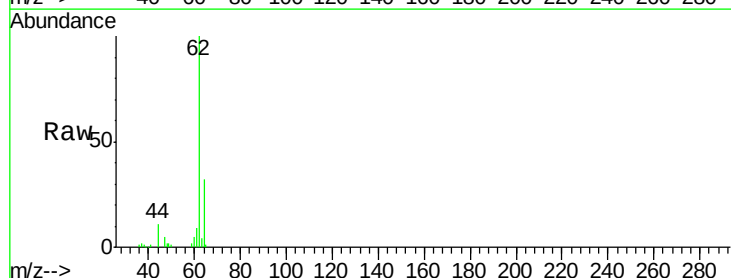
Acq: 06 Jul 2018 20:54

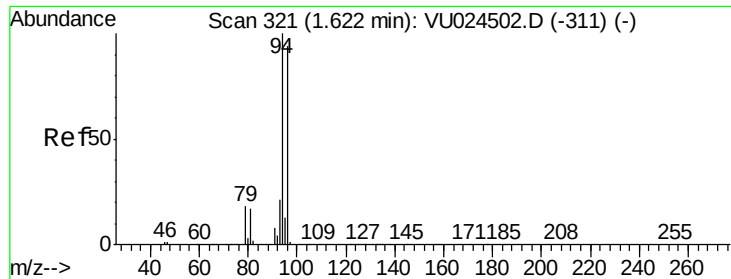
Tgt Ion: 62 Resp: 33623

Ion Ratio Lower Upper

62 100

64 31.7 24.8 37.2





#5

Bromomethane

Concen: 21.904 ug/l

RT: 1.62 min Scan# 320

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion: 94 Resp: 21645

Ion Ratio Lower Upper

94 100

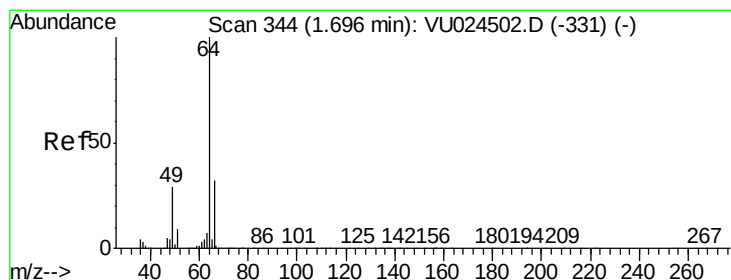
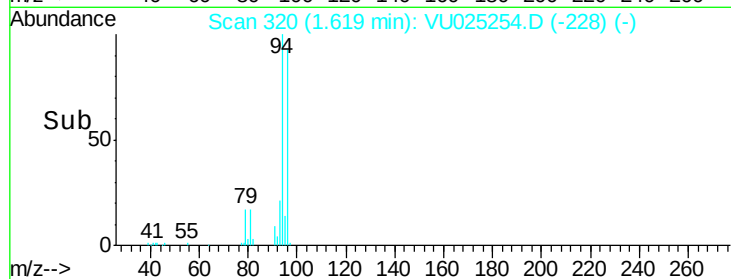
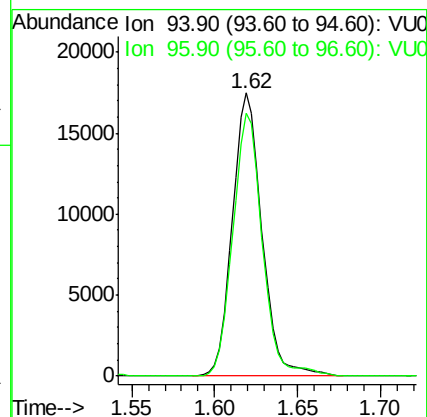
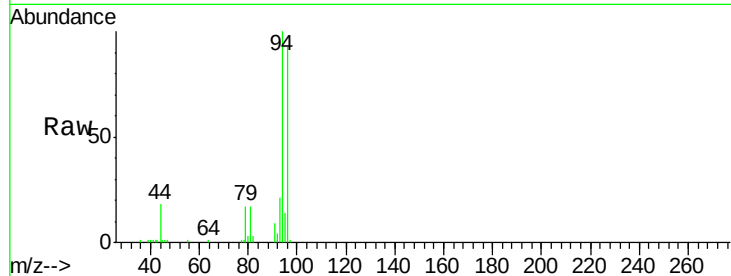
96 92.8 74.5 111.7

Manual Integrations

APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#6

Chloroethane

Concen: 19.595 ug/l

RT: 1.70 min Scan# 344

Delta R.T. 0.00 min

Lab File: VU025254.D

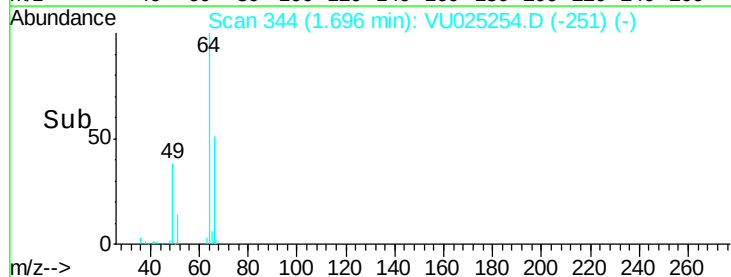
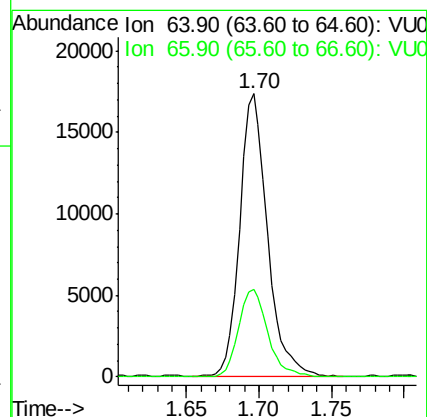
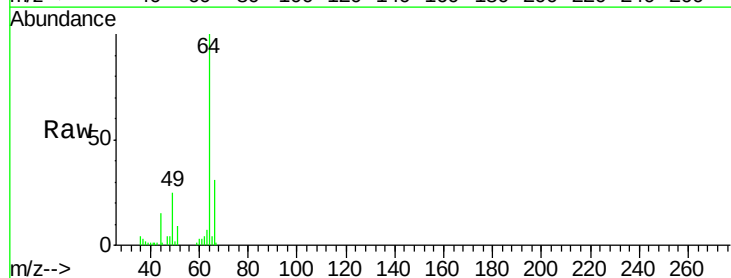
Acq: 06 Jul 2018 20:54

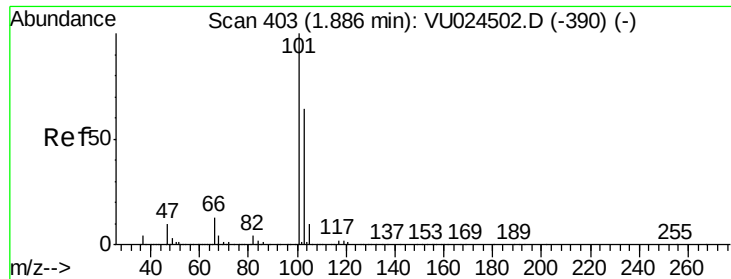
Tgt Ion: 64 Resp: 23114

Ion Ratio Lower Upper

64 100

66 31.0 25.5 38.3





#7

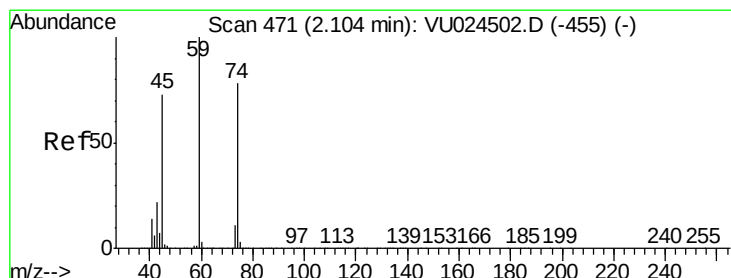
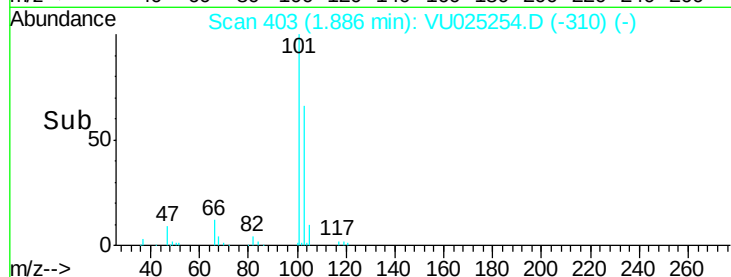
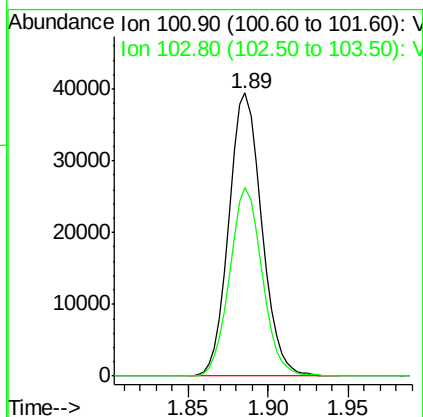
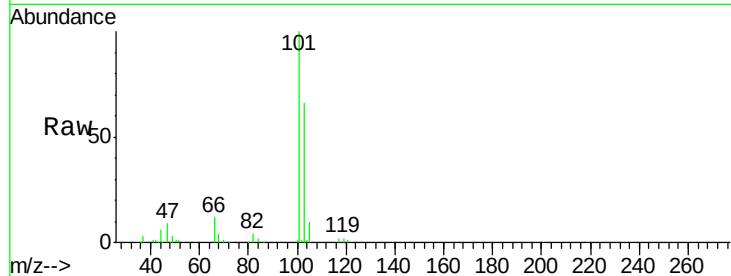
Trichlorofluoromethane
Concen: 17.619 ug/l
RT: 1.89 min Scan# 403
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.3	78.5

Manual Integrations
APPROVED

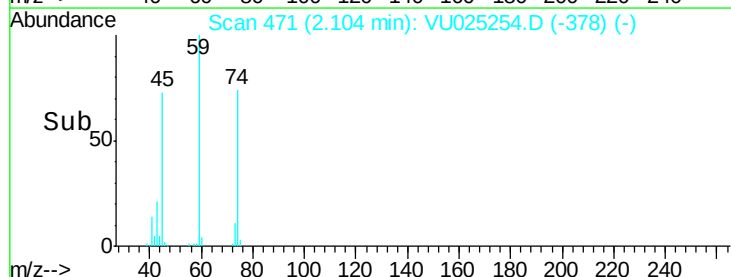
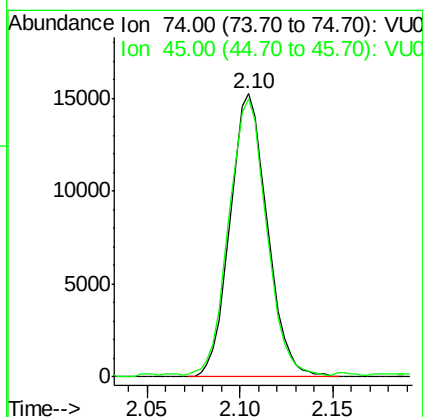
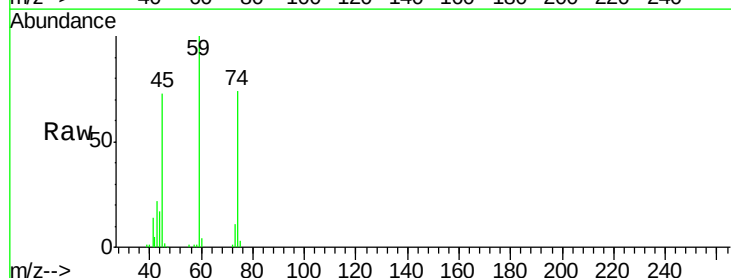
MMDadoda
7/9/2018 12:58:01 PM

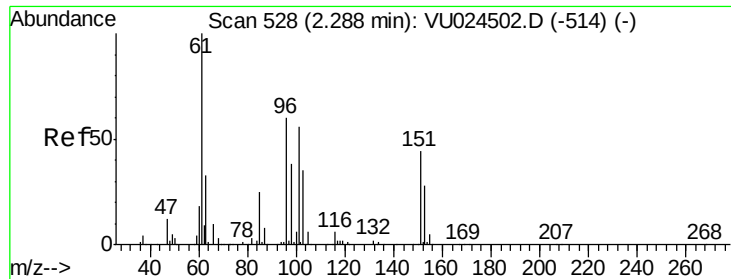


#8

Diethyl Ether
Concen: 18.847 ug/l
RT: 2.10 min Scan# 471
Delta R.T. 0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	55.0	165.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.777 ug/l

RT: 2.29 min Scan# 528

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

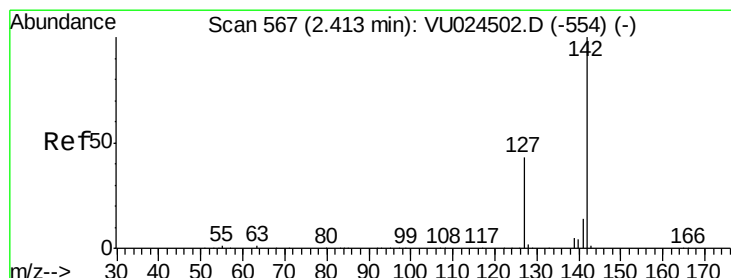
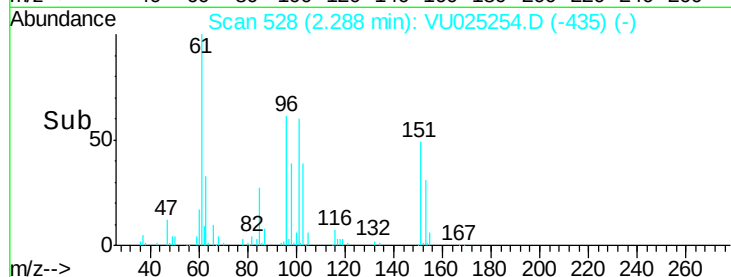
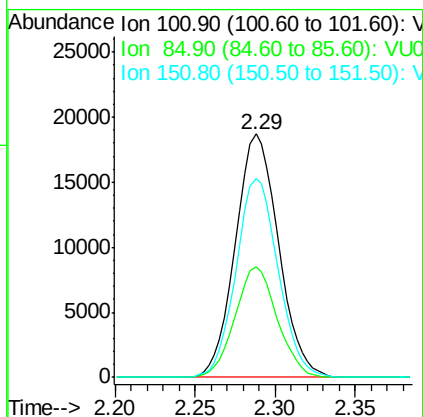
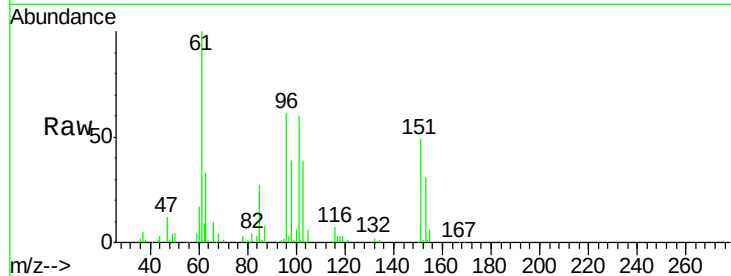
ClientSampleId :

VU0707WBS02

Tot Ion:	101	Resp:	34405
Ion Ratio	Lower	Upper	
101	100		
85	44.3	36.0	54.0
151	79.8	62.3	93.5

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM



#10

Methyl Iodide

Concen: 22.996 ug/l

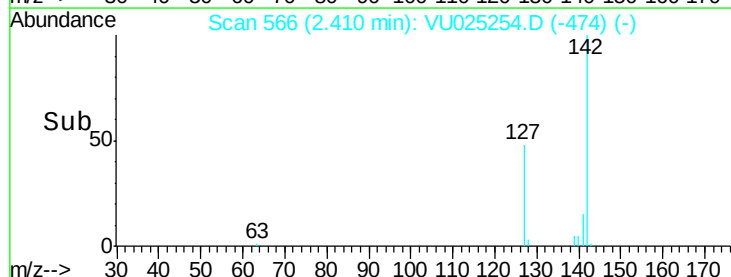
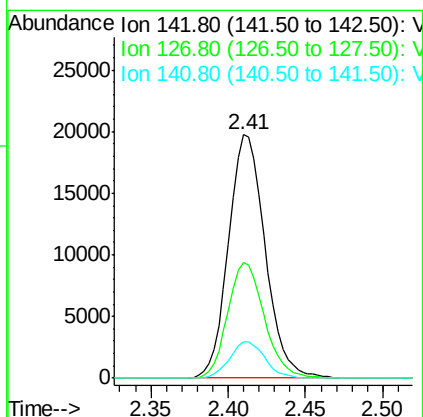
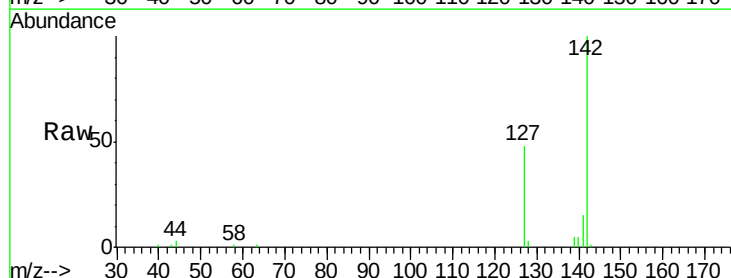
RT: 2.41 min Scan# 566

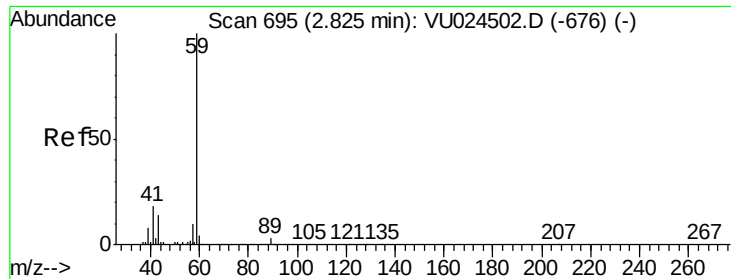
Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion:	142	Resp:	32433
Ion Ratio	Lower	Upper	
142	100		
127	47.4	35.6	53.4
141	14.2	11.7	17.5





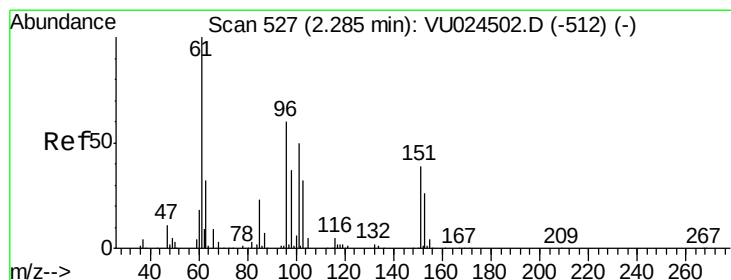
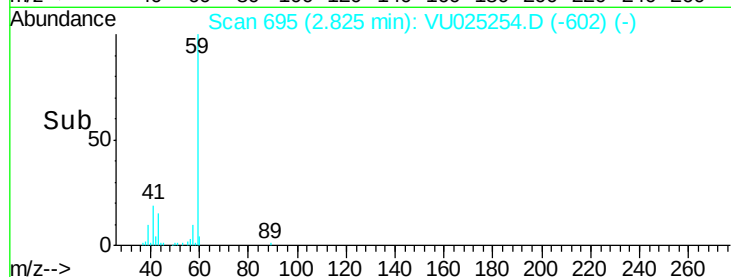
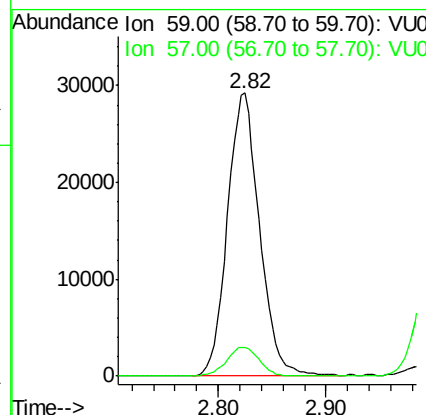
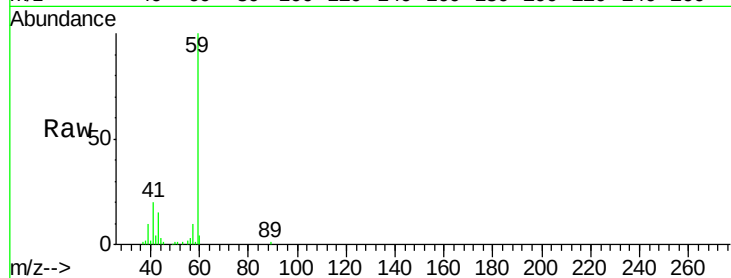
#11
Tert butyl alcohol
Concen: 98.329 ug/l
RT: 2.82 min Scan# 695
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

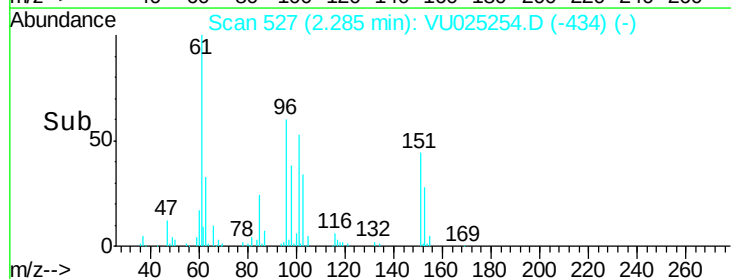
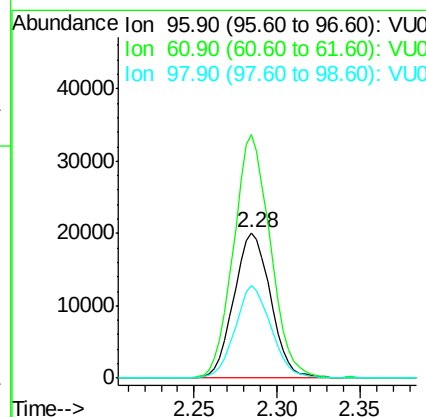
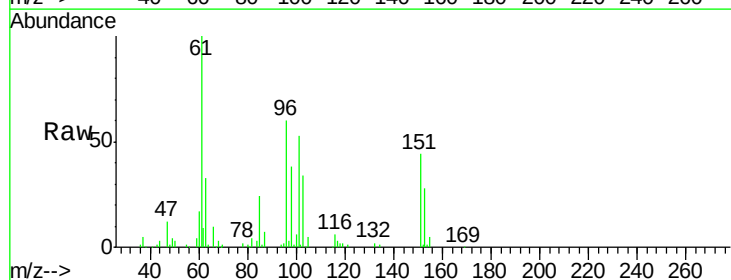
Manual Integrations
APPROVED

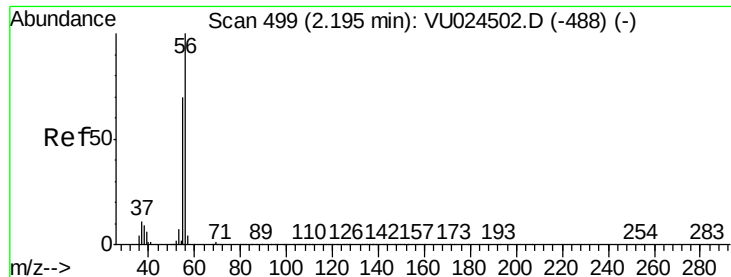
MMDadoda
7/9/2018 12:58:01 PM



#12
1,1-Dichloroethene
Concen: 17.489 ug/l
RT: 2.28 min Scan# 527
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.3	141.7	212.5
98	63.5	51.6	77.4





#13

Acrolein

Concen: 107.768 ug/l

RT: 2.19 min Scan# 499

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion: 56 Resp: 34828

Ion Ratio Lower Upper

56 100

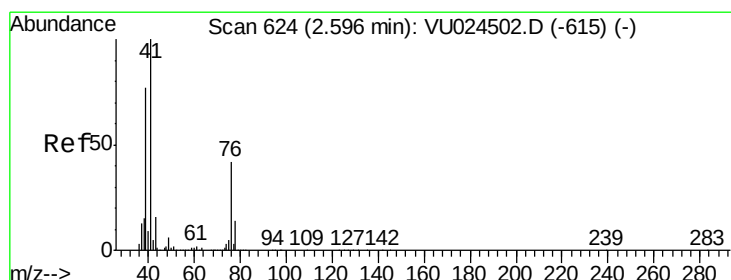
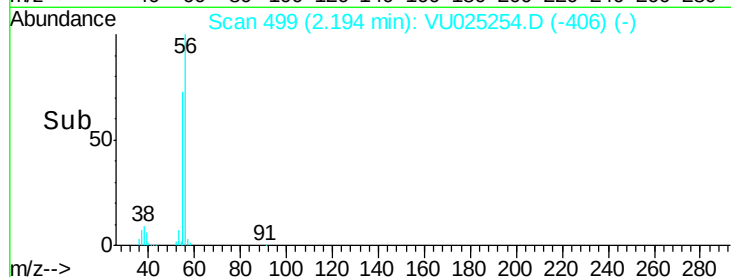
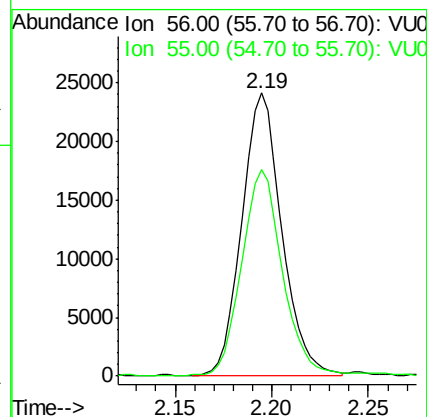
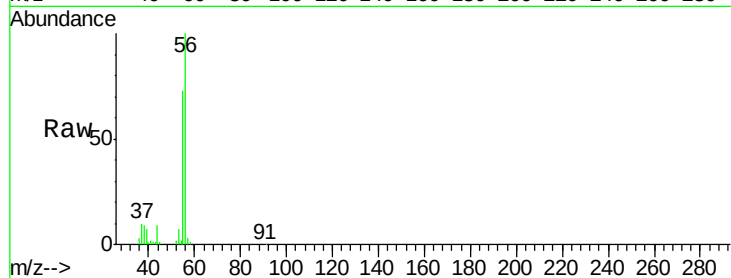
55 74.5 58.4 87.6

Manual Integrations

APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#14

Allyl chloride

Concen: 15.198 ug/l

RT: 2.59 min Scan# 623

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

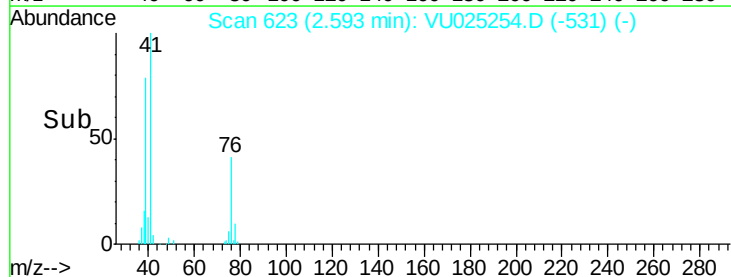
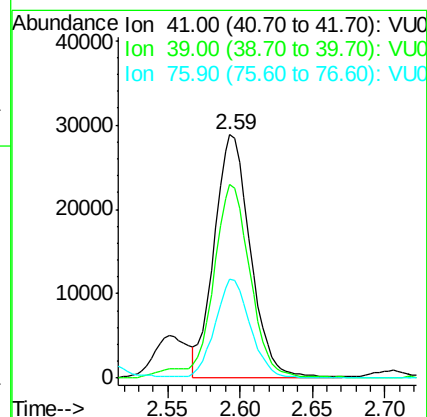
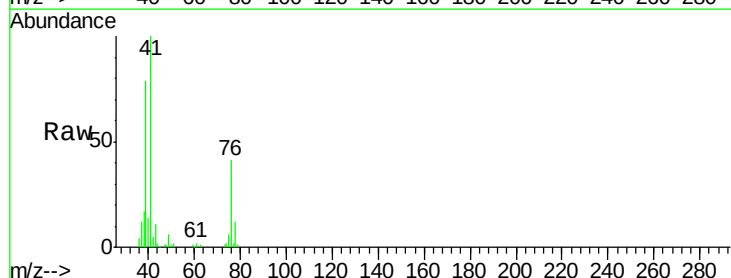
Tgt Ion: 41 Resp: 49803

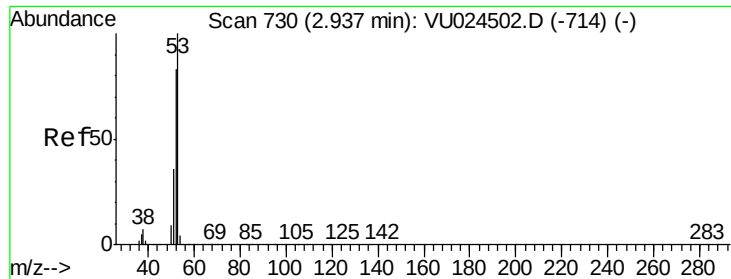
Ion Ratio Lower Upper

41 100

39 82.5 61.6 92.4

76 39.6 29.7 44.5





#15

Acrylonitrile

Concen: 98.572 ug/l

RT: 2.94 min Scan# 730

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

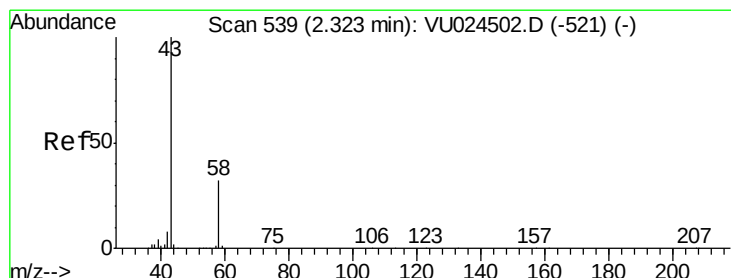
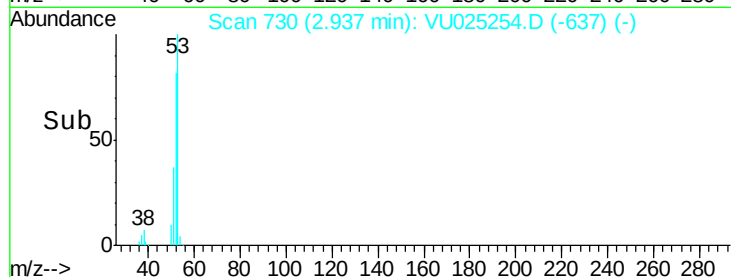
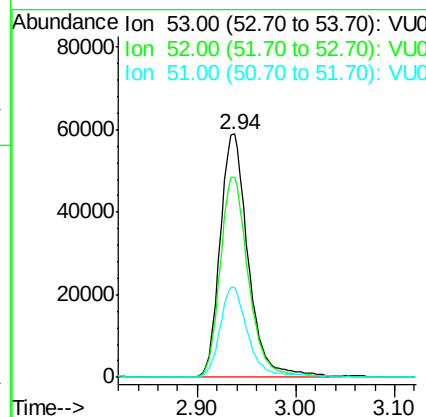
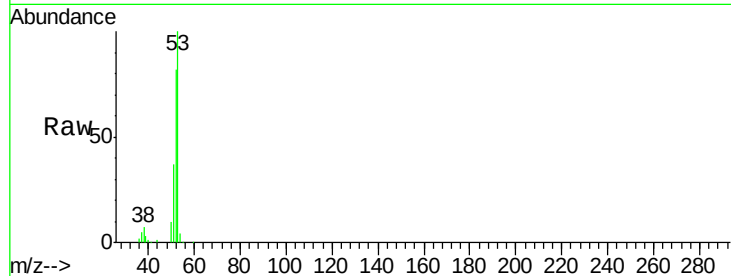
ClientSampleId :

VU0707WBS02

Tot Ion:	53	Resp:	118028
Ion Ratio	Lower	Upper	
53	100		
52	82.6	67.1	100.7
51	36.3	28.4	42.6

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM



#16

Acetone

Concen: 94.972 ug/l

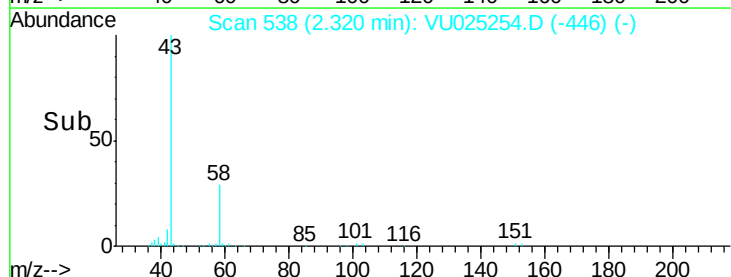
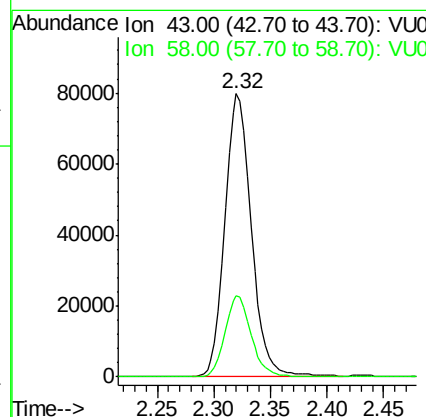
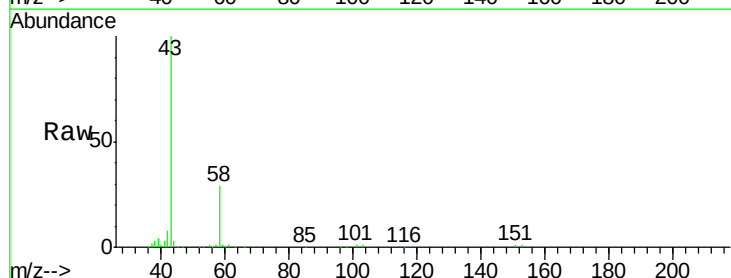
RT: 2.32 min Scan# 538

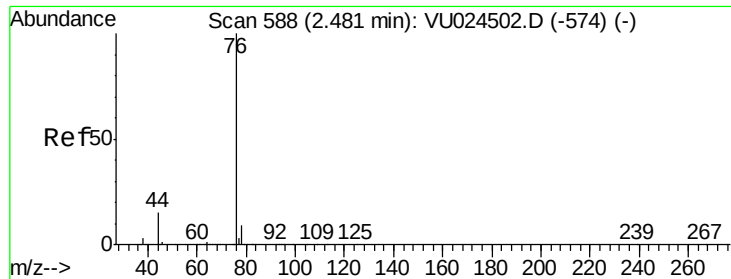
Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion:	43	Resp:	129124
Ion Ratio	Lower	Upper	
43	100		
58	28.9	24.4	36.6





#17

Carbon Disulfide

Concen: 13.360 ug/l

RT: 2.48 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion: 76 Resp: 75503

Ion Ratio Lower Upper

76 100

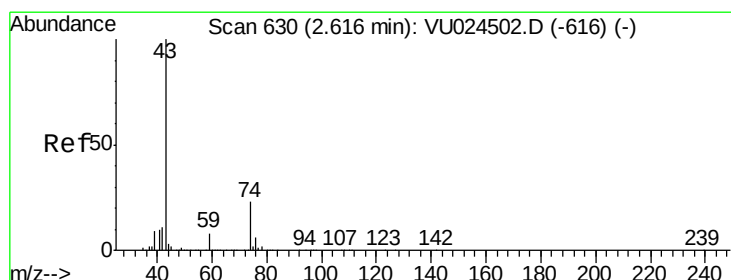
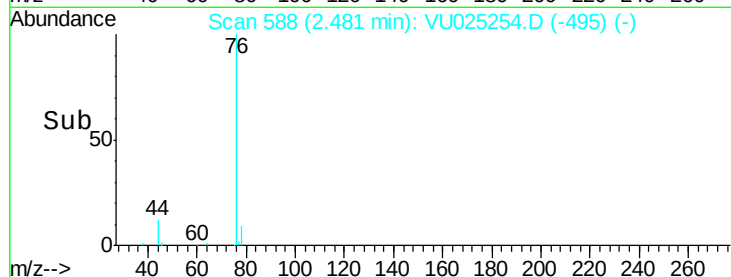
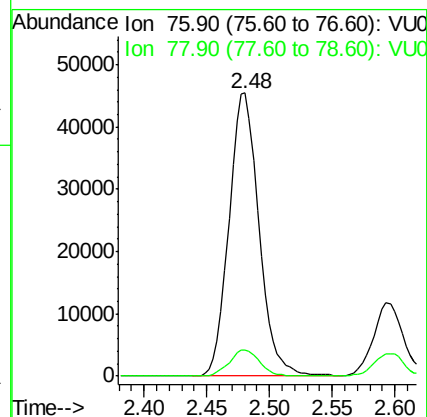
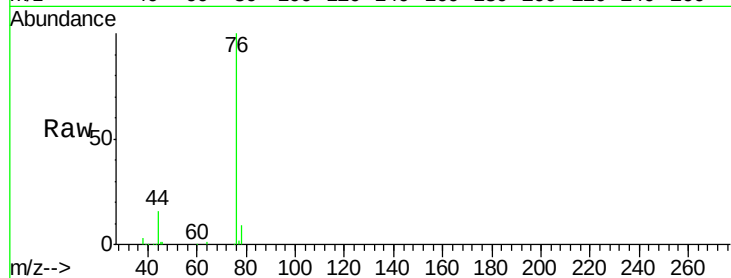
78 9.2 7.1 10.7

Manual Integrations

APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#18

Methyl Acetate

Concen: 19.587 ug/l

RT: 2.62 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU025254.D

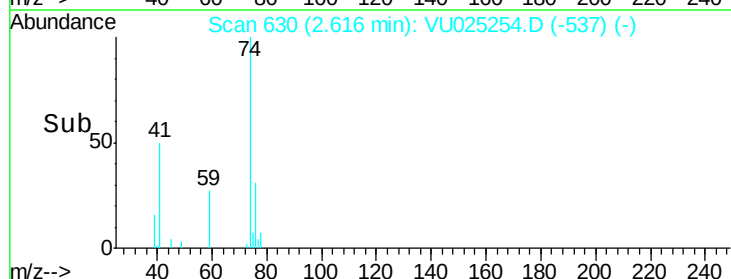
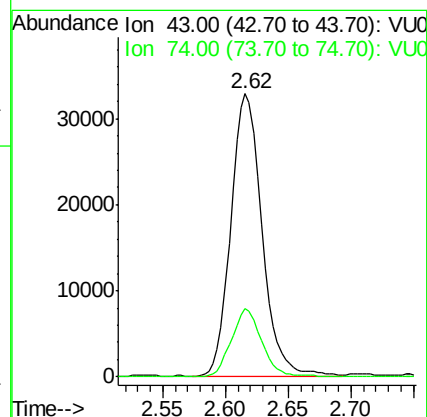
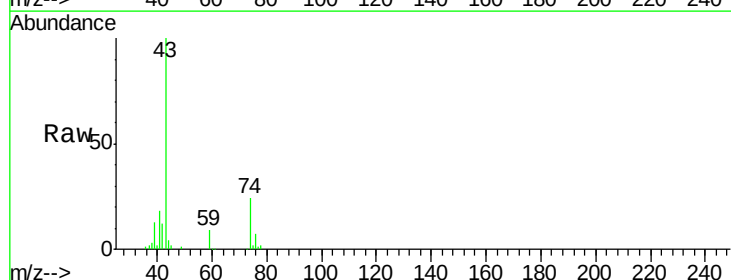
Acq: 06 Jul 2018 20:54

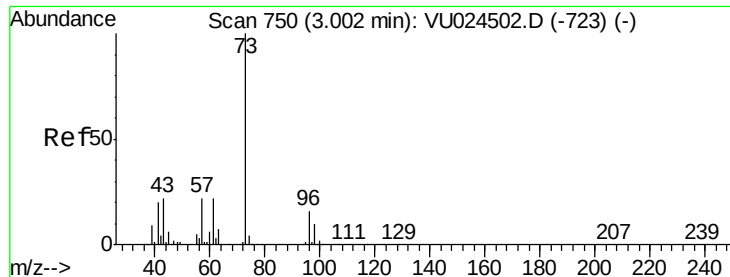
Tgt Ion: 43 Resp: 57090

Ion Ratio Lower Upper

43 100

74 23.5 18.0 27.0





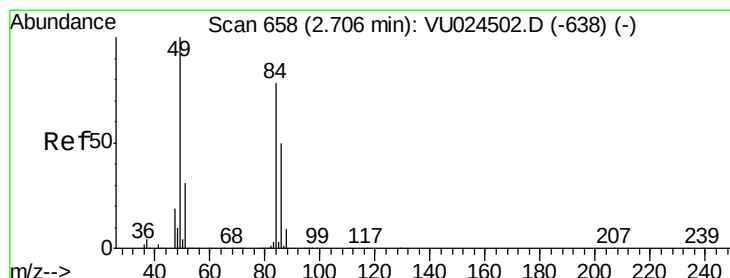
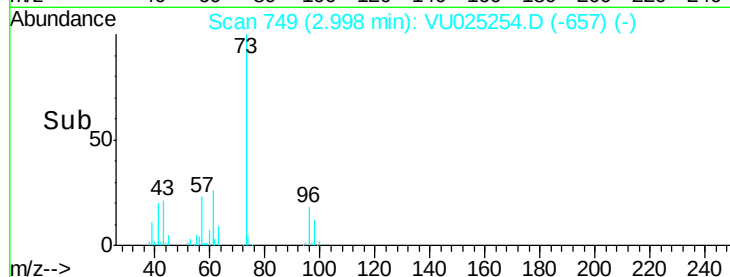
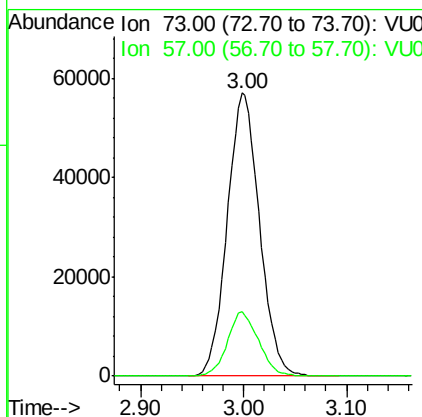
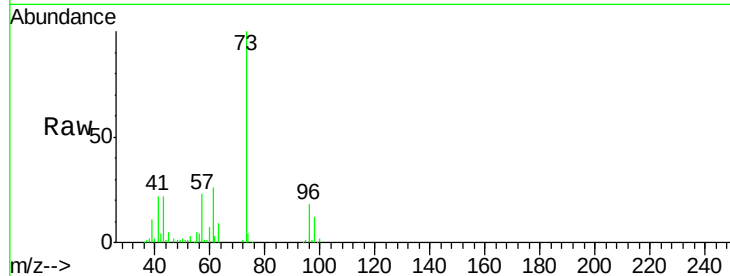
#19
Methyl tert-butyl Ether
Concen: 18.764 ug/l
RT: 3.00 min Scan# 749
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.8	28.2

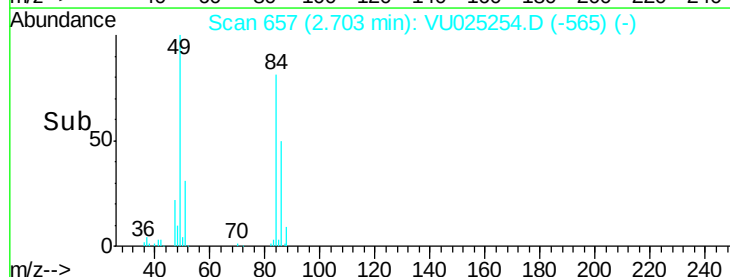
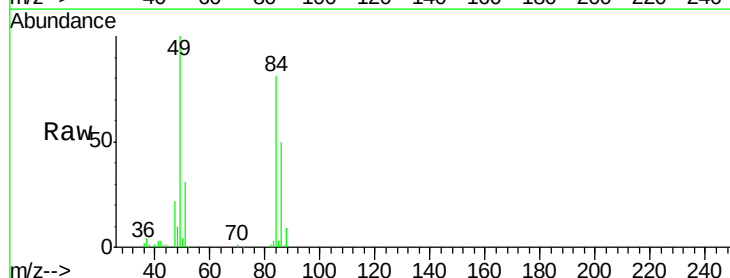
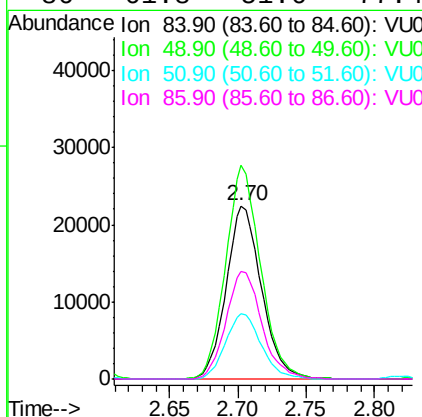
Manual Integrations
APPROVED

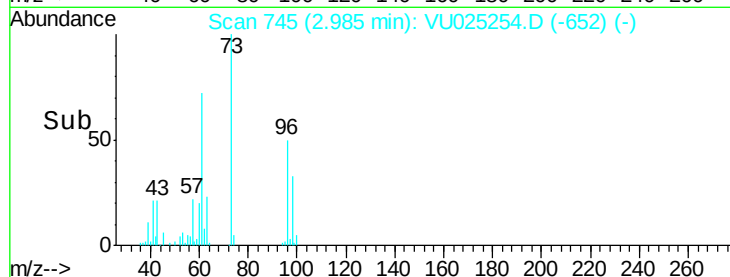
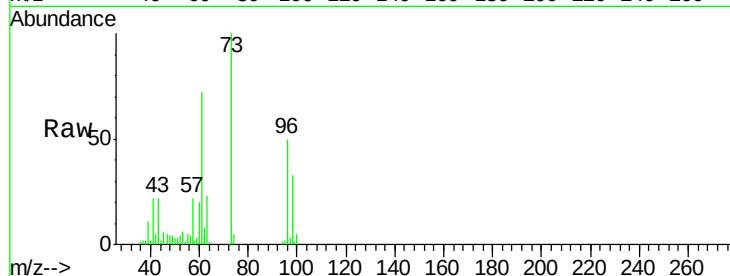
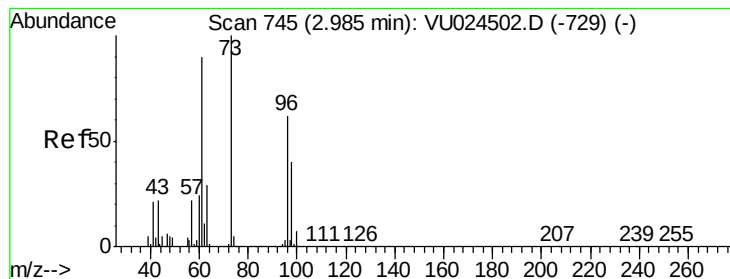
MMDadoda
7/9/2018 12:58:01 PM



#20
Methylene Chloride
Concen: 18.911 ug/l
RT: 2.70 min Scan# 657
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	103.8	155.8
51	37.7	32.0	48.0
86	61.8	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 16.780 ug/l

RT: 2.99 min Scan# 745

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tot Ion:	96	Resp:	32619
Ion	Ratio	Lower	Upper
96	100		
61	143.5	119.4	179.0
98	66.9	51.1	76.7

Instrument :

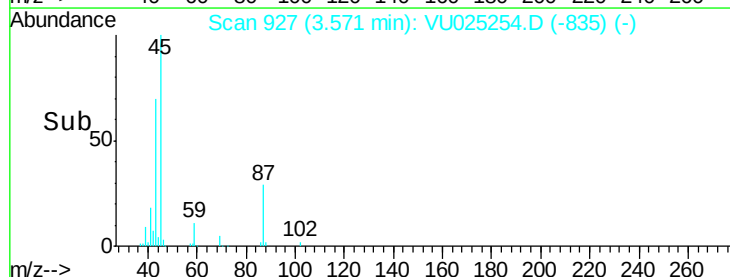
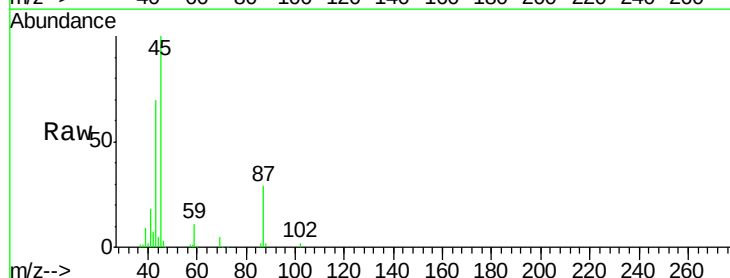
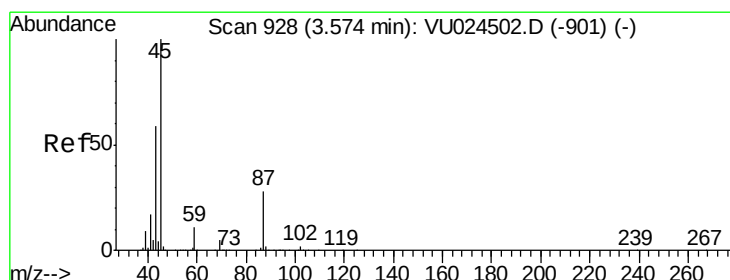
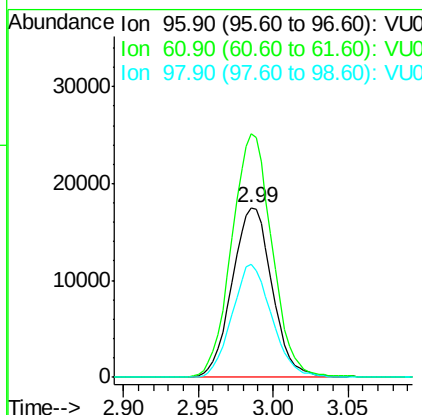
MSVOA_U

ClientSampleId :

VU0707WBS02

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM



#22

Diisopropyl ether

Concen: 18.126 ug/l

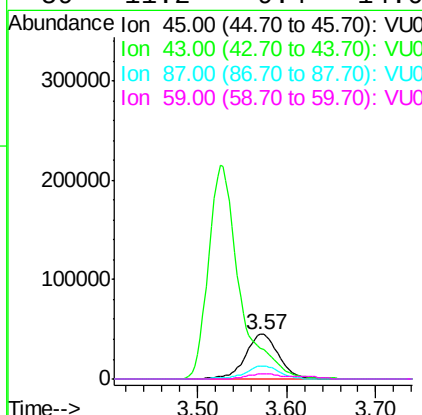
RT: 3.57 min Scan# 927

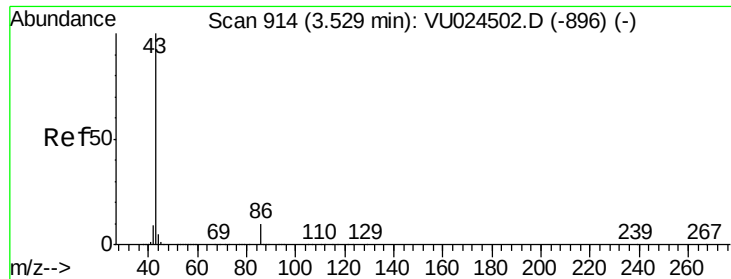
Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion:	45	Resp:	117751
Ion	Ratio	Lower	Upper
45	100		
43	68.7	45.8	68.6#
87	28.9	20.6	31.0
59	11.2	9.4	14.0





#23

Vinyl Acetate

Concen: 89.437 ug/l

RT: 3.53 min Scan# 913

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion: 43 Resp: 520455

Ion Ratio Lower Upper

43 100

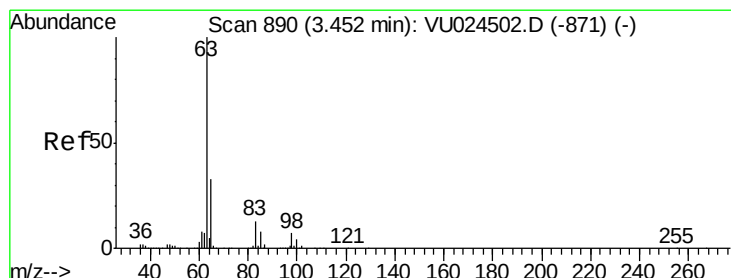
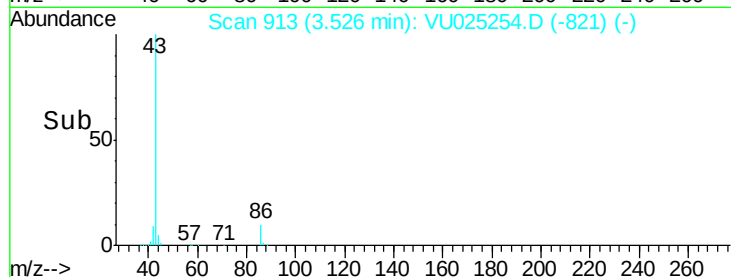
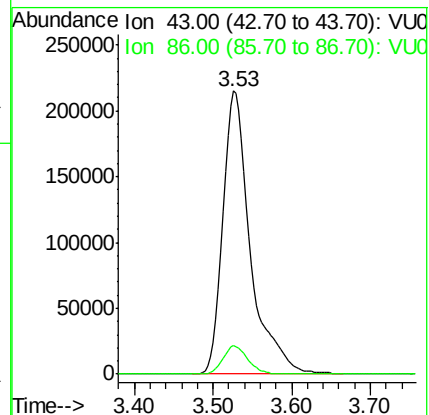
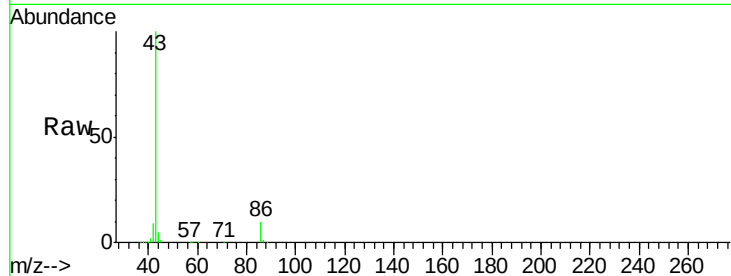
86 10.0 7.8 11.8

Manual Integrations

APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#24

1,1-Dichloroethane

Concen: 17.816 ug/l

RT: 3.45 min Scan# 889

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

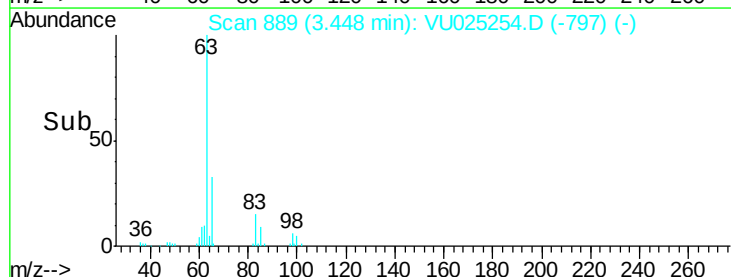
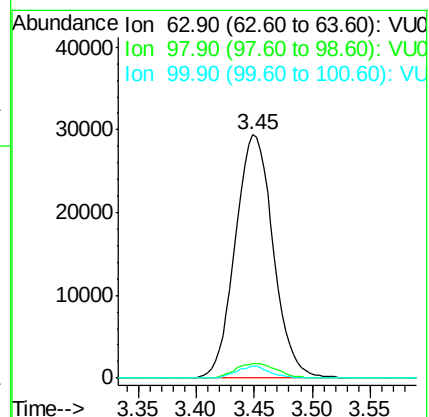
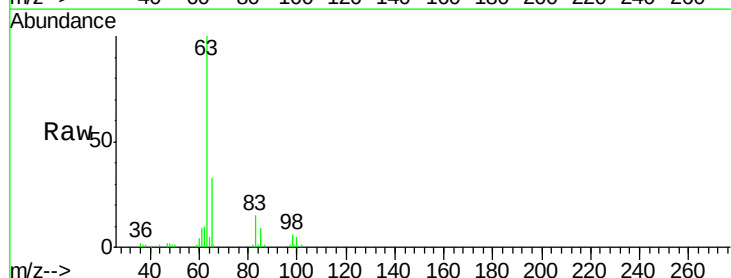
Tgt Ion: 63 Resp: 66578

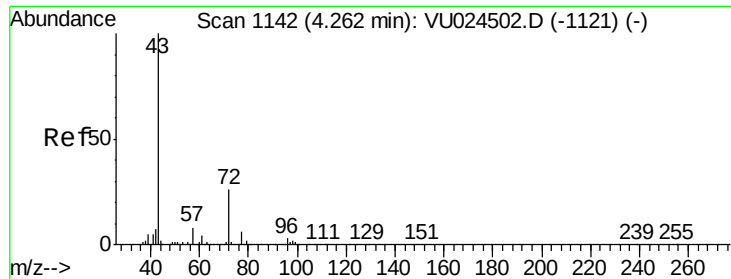
Ion Ratio Lower Upper

63 100

98 5.7 3.5 10.4

100 4.7 1.8 5.5





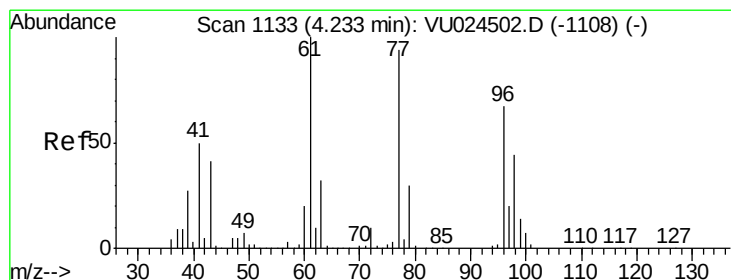
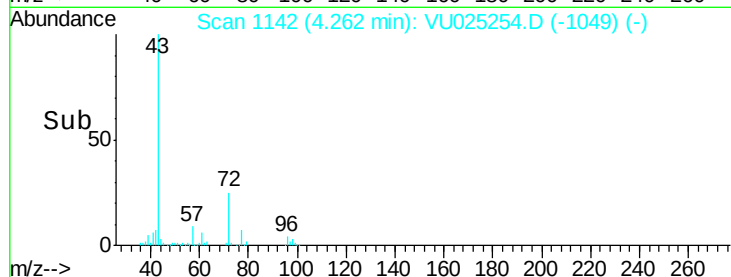
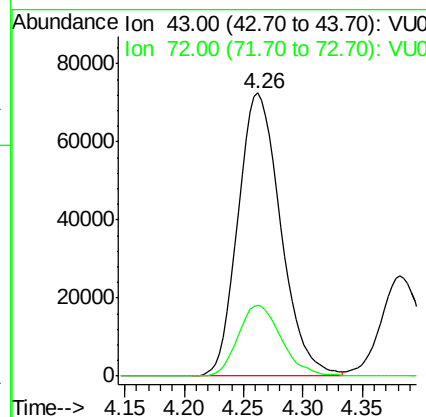
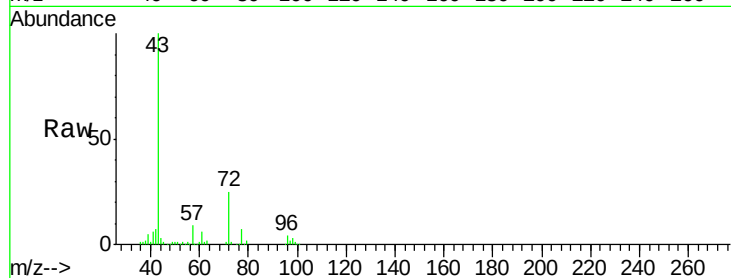
#25
2-Butanone
Concen: 98.257 ug/l
RT: 4.26 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	43	72	Ratio	Lower	Upper
179442	100	25.0		19.6	29.4

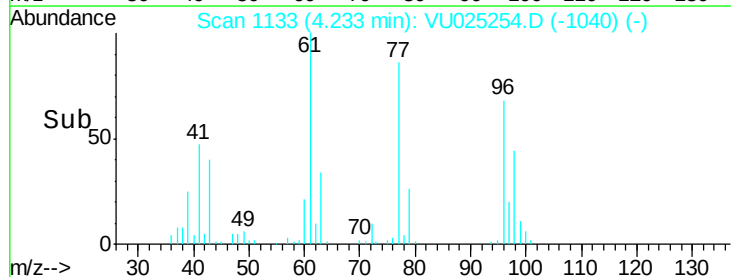
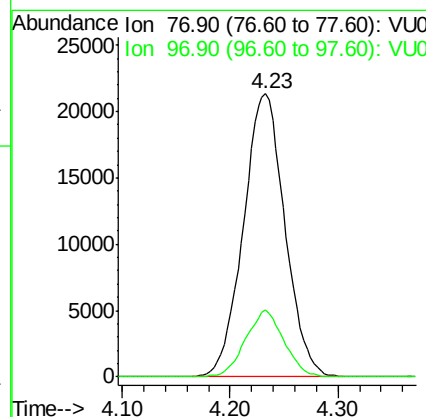
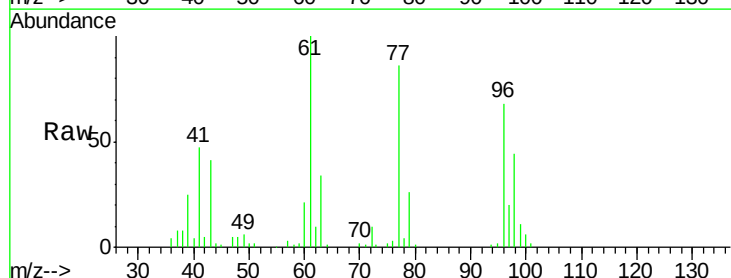
Manual Integrations
APPROVED

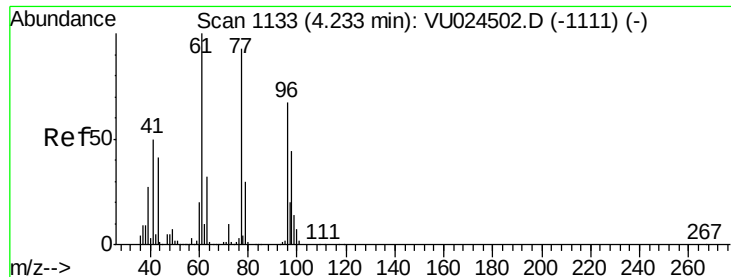
MMDadoda
7/9/2018 12:58:01 PM



#26
2,2-Dichloropropane
Concen: 16.061 ug/l
RT: 4.23 min Scan# 1133
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	77	97	Ratio	Lower	Upper
56992	100	21.8		11.3	33.8





#27

cis-1,2-Dichloroethene

Concen: 18.308 ug/l

RT: 4.23 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

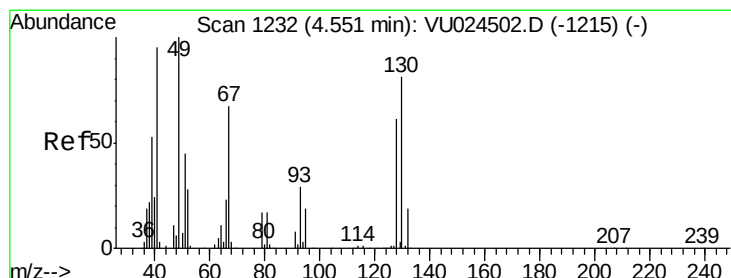
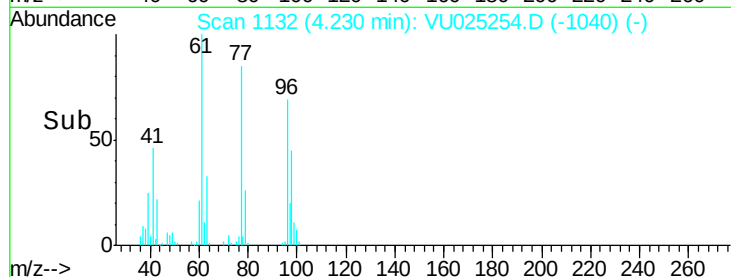
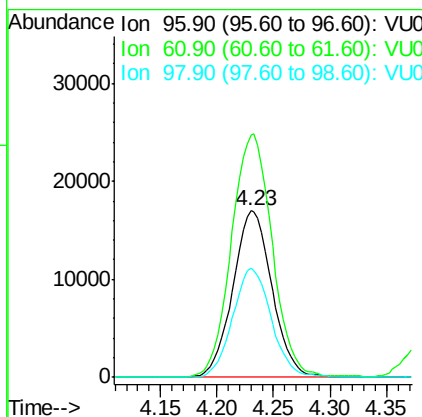
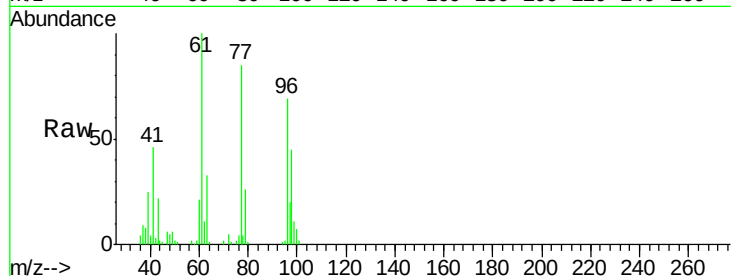
ClientSampleId :

VU0707WBS02

Tot Ion:	96	Resp:	40916
Ion	Ratio	Lower	Upper
96	100		
61	151.8	0.0	306.6
98	64.7	0.0	128.8

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM



#28

Bromochloromethane

Concen: 22.447 ug/l

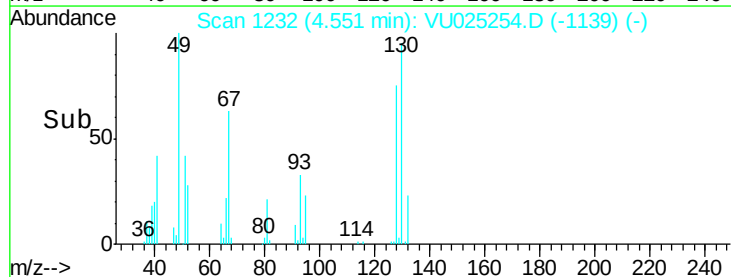
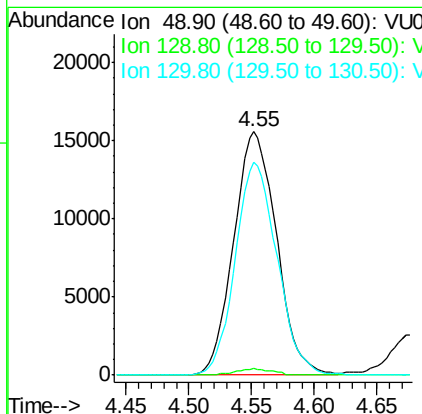
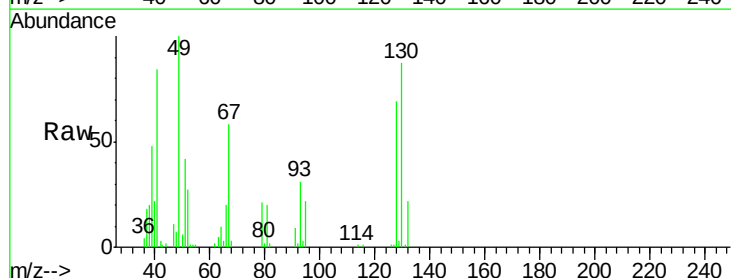
RT: 4.55 min Scan# 1232

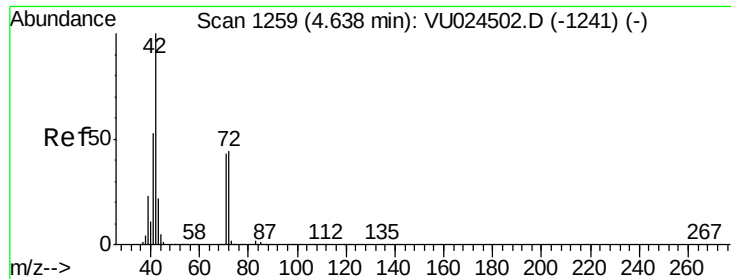
Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion:	49	Resp:	36948
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	3.8
130	85.3	57.8	86.6





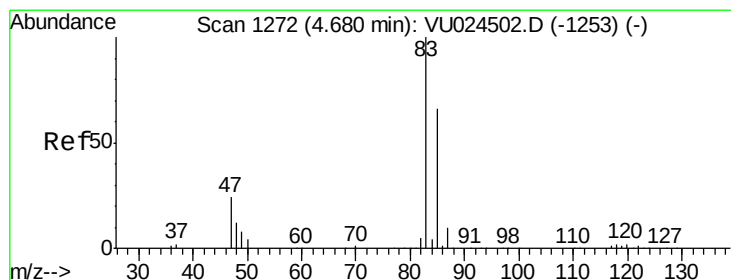
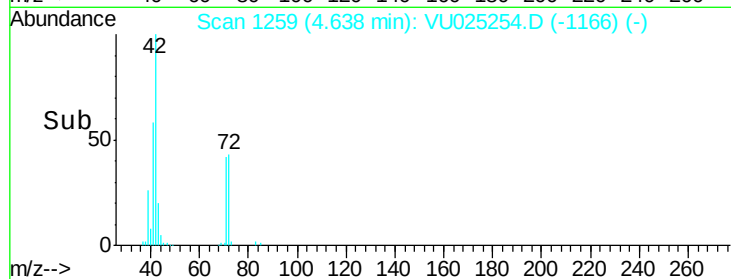
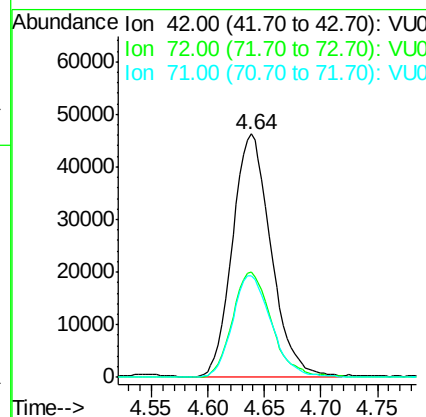
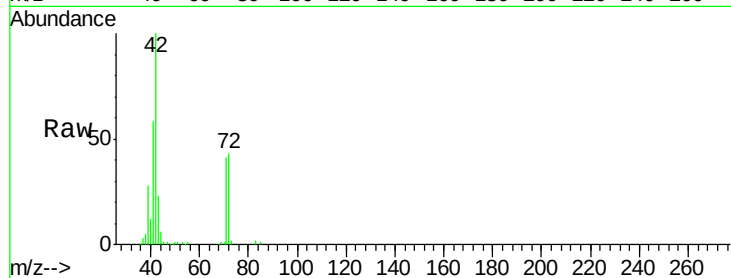
#29
Tetrahydrofuran
Concen: 97.428 ug/l
RT: 4.64 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	34.5	51.7
71	42.2	32.2	48.4

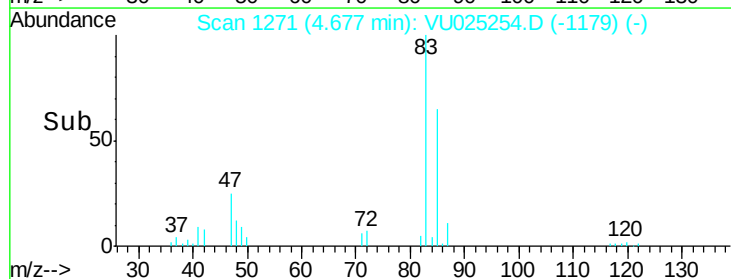
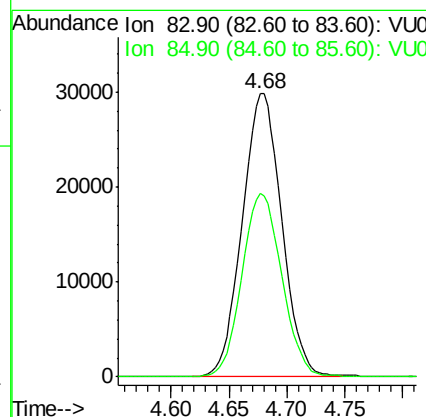
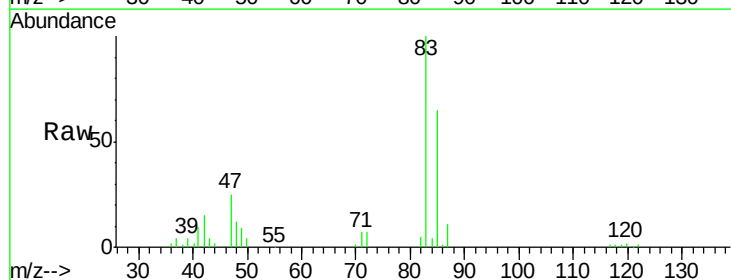
Manual Integrations
APPROVED

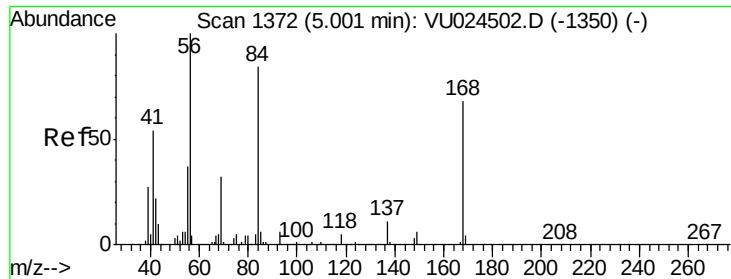
MMDadoda
7/9/2018 12:58:01 PM



#30
Chloroform
Concen: 18.757 ug/l
RT: 4.68 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.4	78.6





#31

Cyclohexane

Concen: 16.042 ug/l

RT: 5.00 min Scan# 1371

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion: 56 Resp: 57687

Ion Ratio Lower Upper

56 100

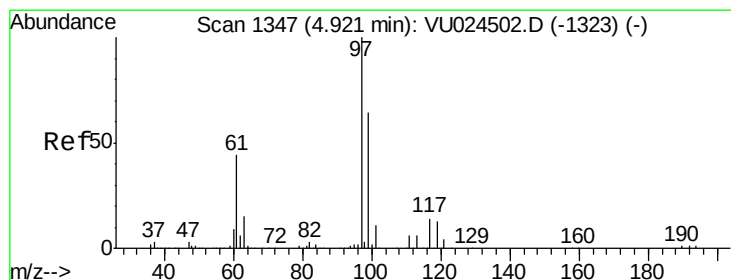
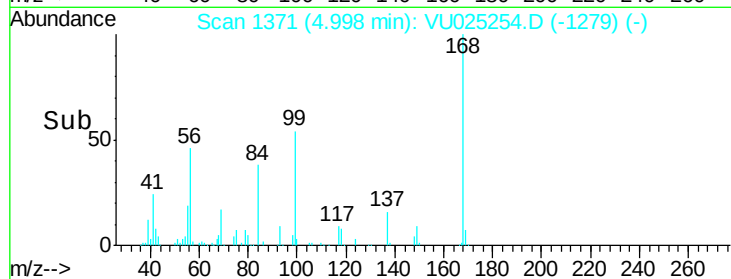
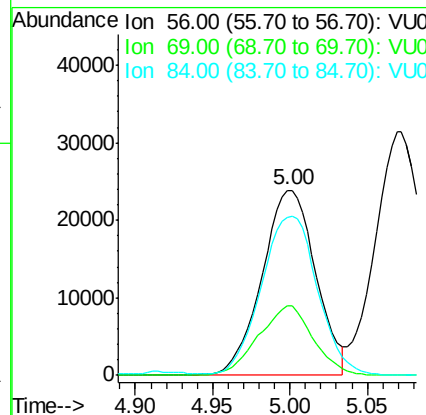
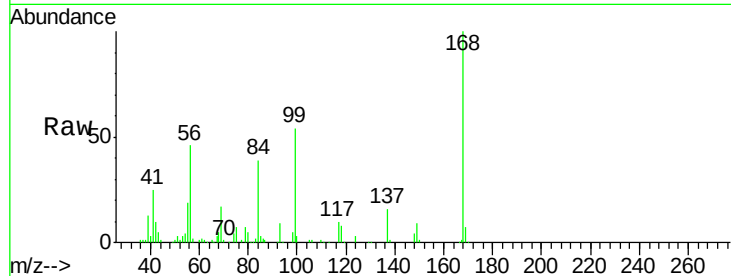
69 37.5 24.8 37.2#

84 84.1 65.2 97.8

Manual Integrations
APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#32

1,1,1-Trichloroethane

Concen: 18.397 ug/l

RT: 4.92 min Scan# 1346

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

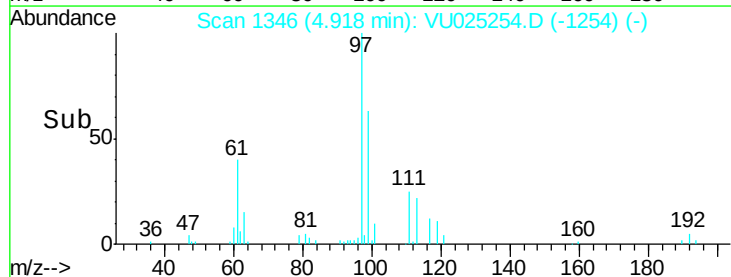
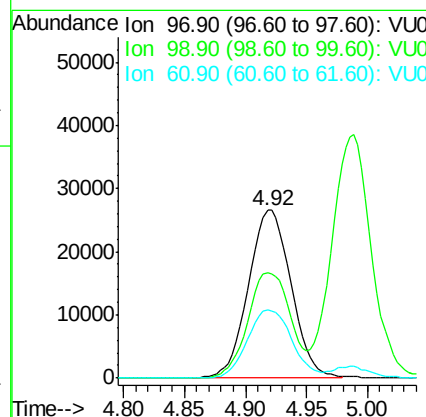
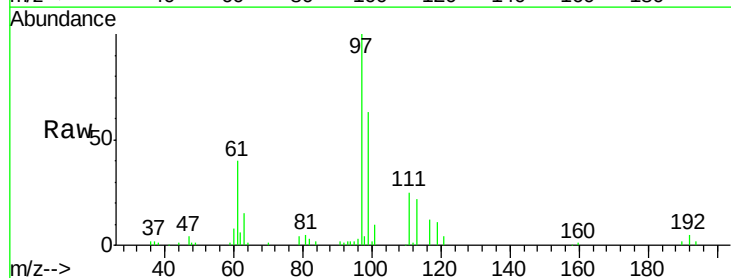
Tgt Ion: 97 Resp: 64350

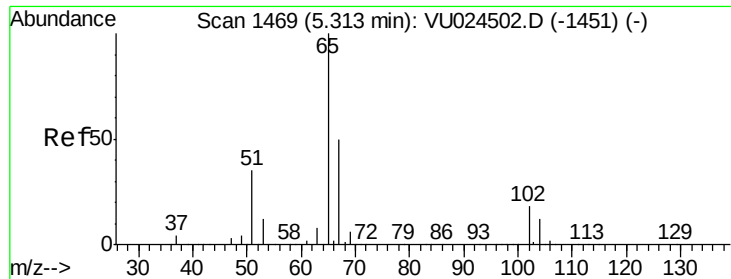
Ion Ratio Lower Upper

97 100

99 62.9 51.0 76.6

61 42.2 39.4 59.0





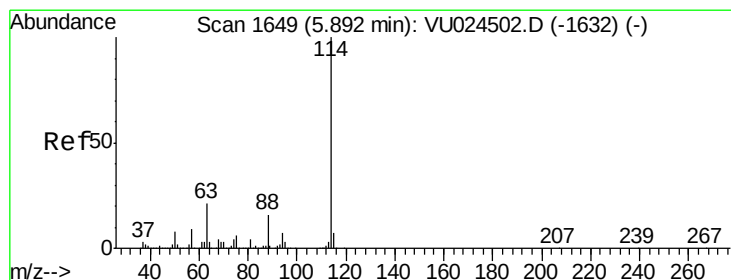
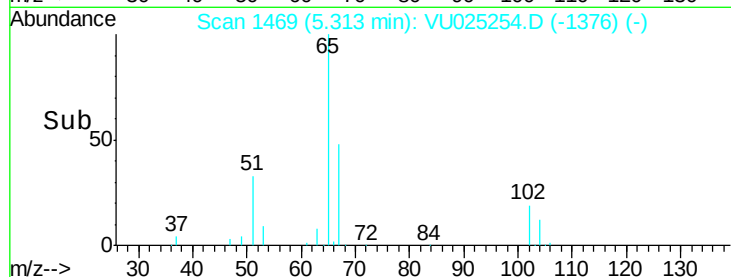
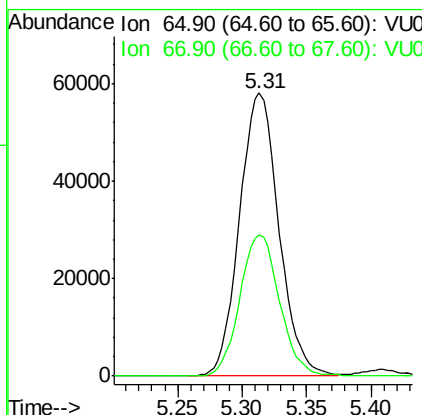
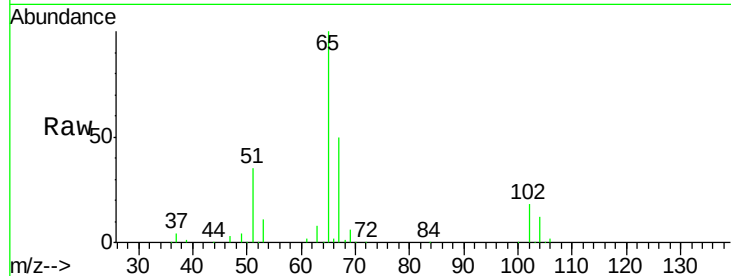
#33
 1,2-Dichloroethane-d4
 Concen: 48.864 ug/l
 RT: 5.31 min Scan# 1469
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0707WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	123648		
67	50.4	0.0	107.0	

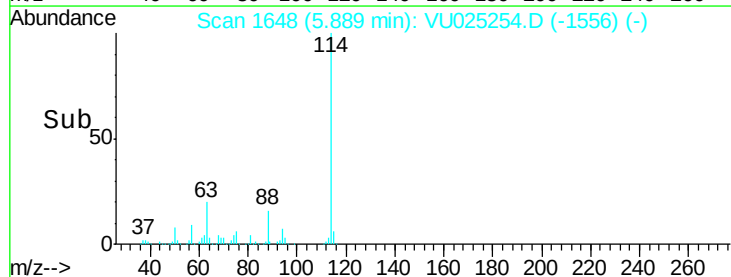
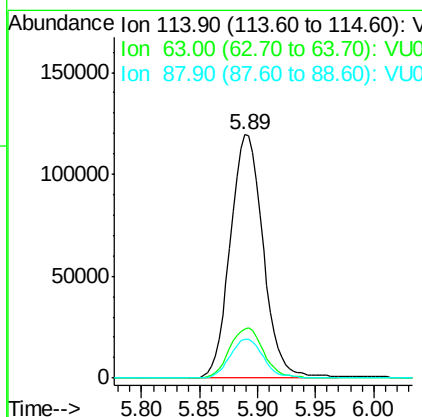
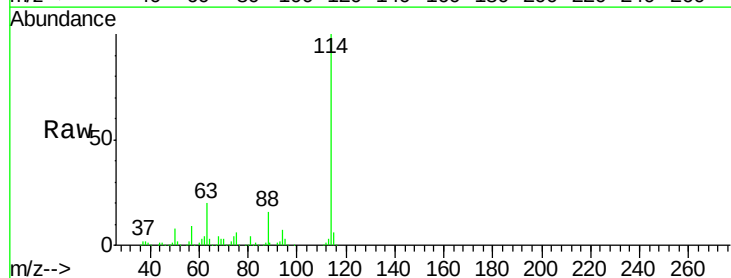
Manual Integrations
 APPROVED

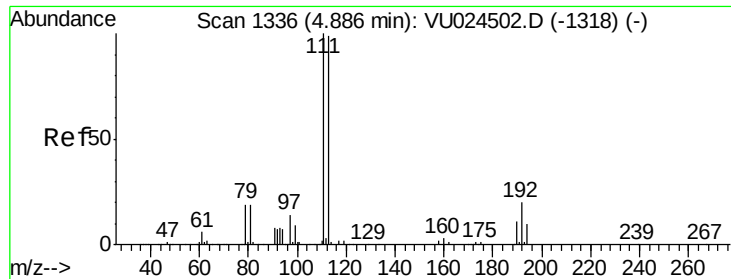
MMDadoda
 7/9/2018 12:58:01 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1648
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	235531		
63	20.0	0.0	45.4	
88	16.1	0.0	31.0	





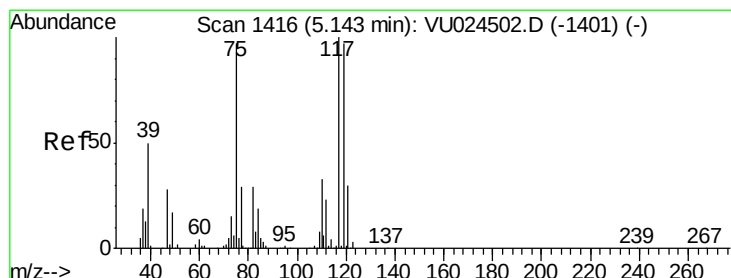
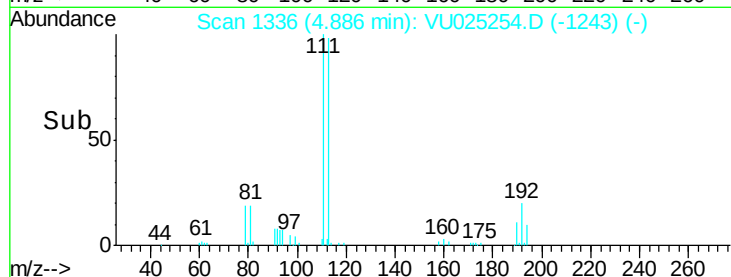
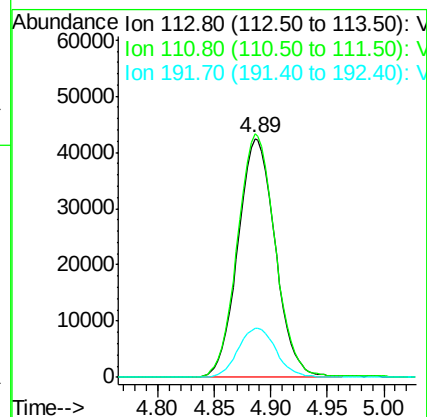
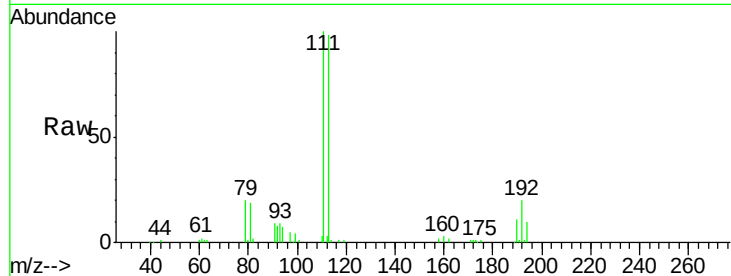
#35
 Dibromofluoromethane
 Concen: 49.956 ug/l
 RT: 4.89 min Scan# 1336
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0707WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	20.9	16.2	24.4

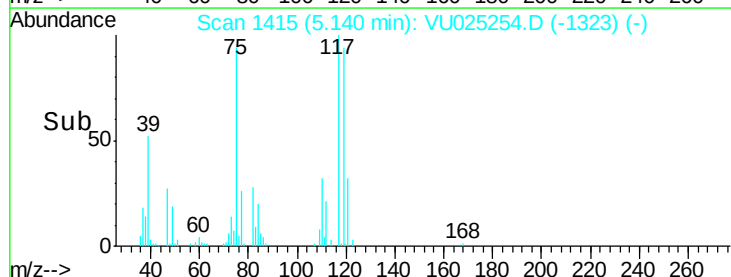
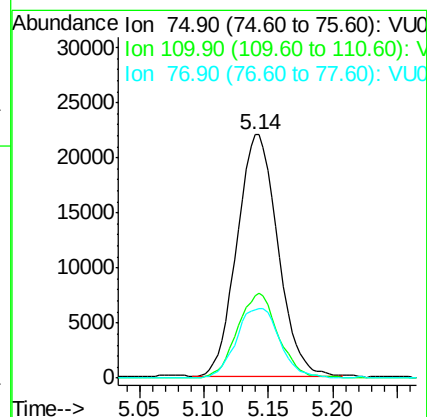
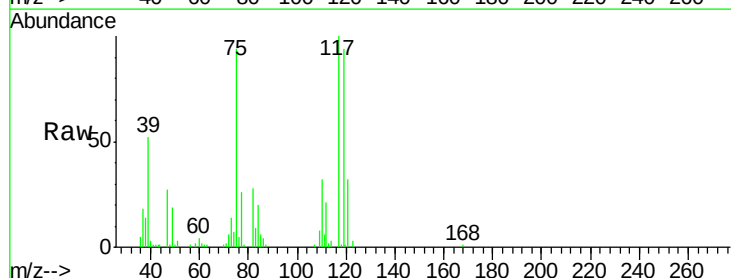
Manual Integrations
 APPROVED

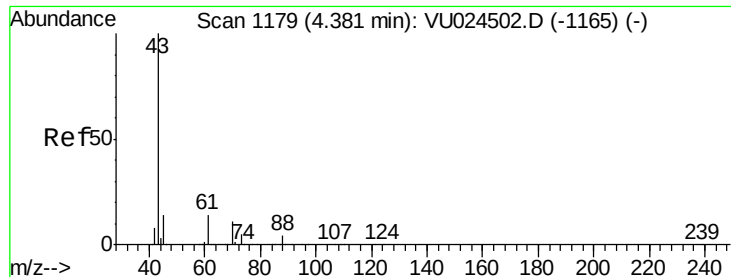
MMDadoda
 7/9/2018 12:58:01 PM



#36
 1,1-Dichloropropene
 Concen: 17.541 ug/l
 RT: 5.14 min Scan# 1415
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.0	50.9
77	30.7	24.2	36.4





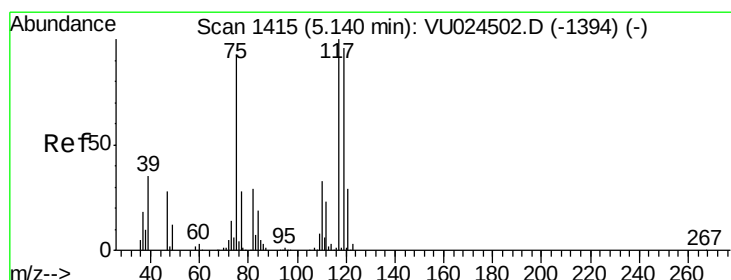
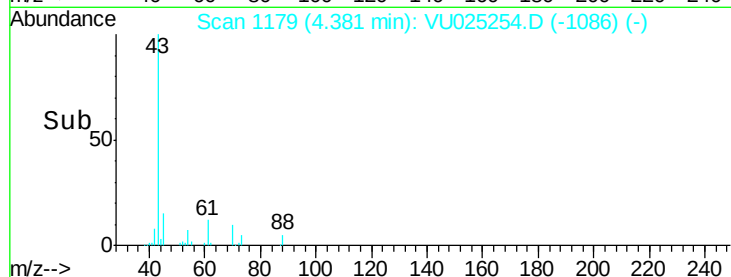
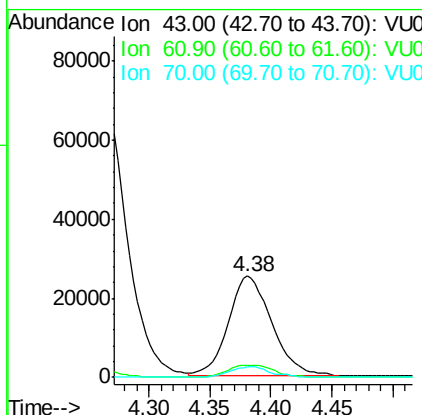
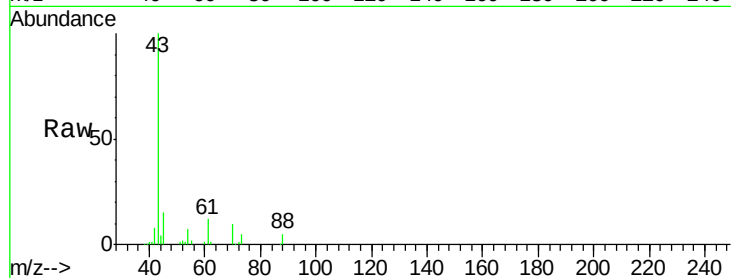
#37
Ethyl Acetate
Concen: 20.666 ug/l
RT: 4.38 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	7.3	10.5	15.7#
70	10.1	7.4	11.2

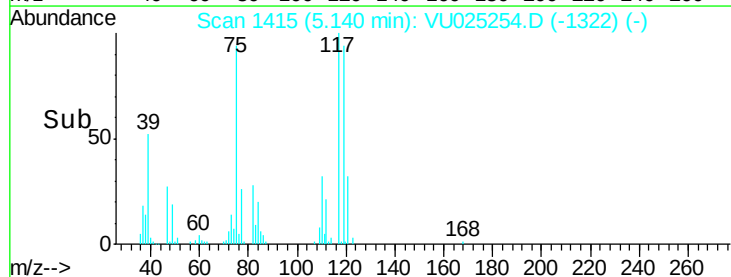
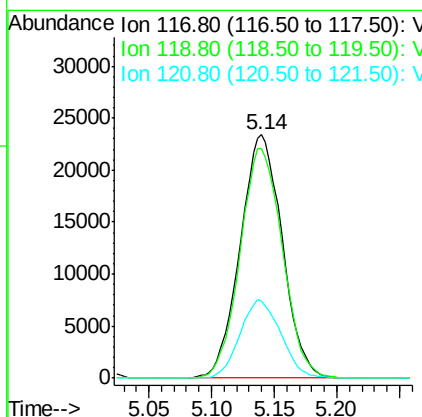
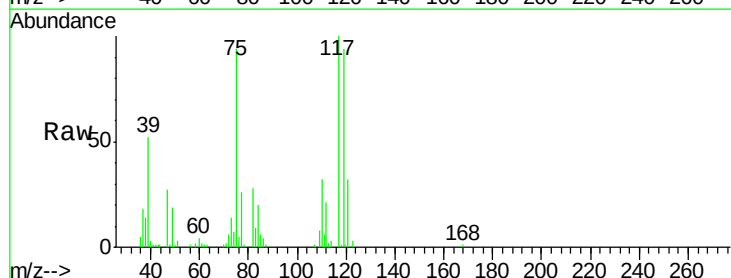
Manual Integrations
APPROVED

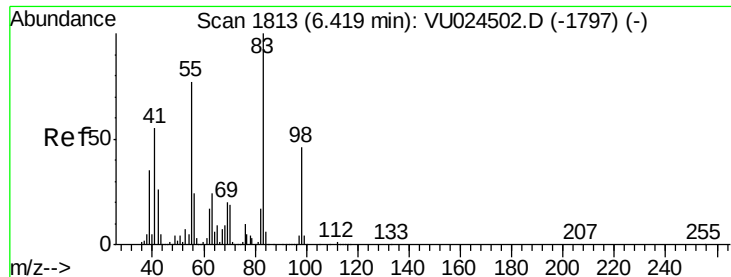
MMDadoda
7/9/2018 12:58:01 PM



#38
Carbon Tetrachloride
Concen: 17.912 ug/l
RT: 5.14 min Scan# 1415
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	76.1	114.1
121	31.6	23.7	35.5





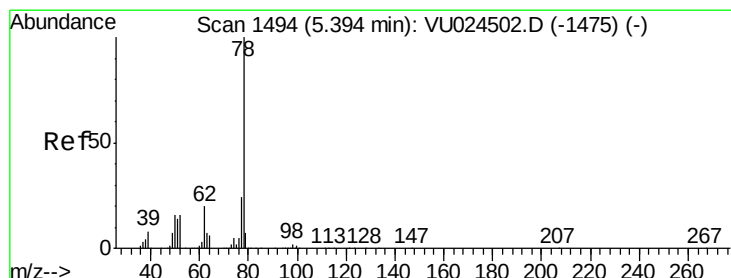
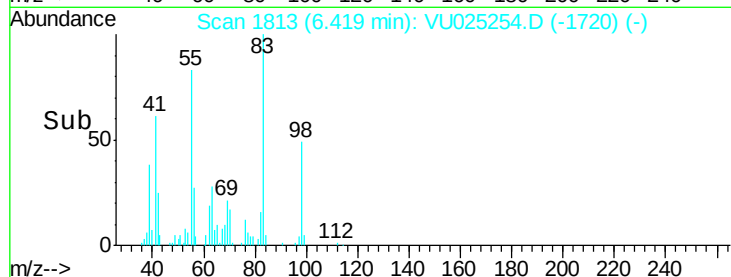
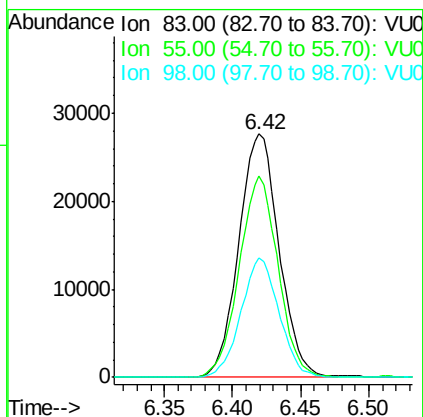
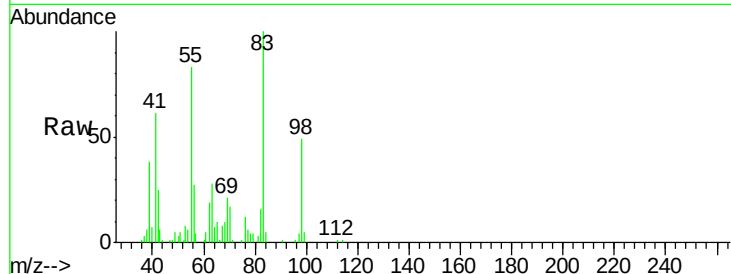
#39
Methylvlcyclohexane
Concen: 16.372 ug/l
RT: 6.42 min Scan# 1813
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	83	Resp	56546
Ion Ratio	100	Lower	Upper
83	100		
55	82.6	65.8	98.6
98	49.0	36.7	55.1

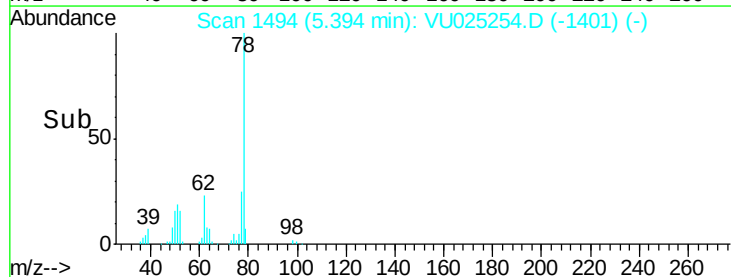
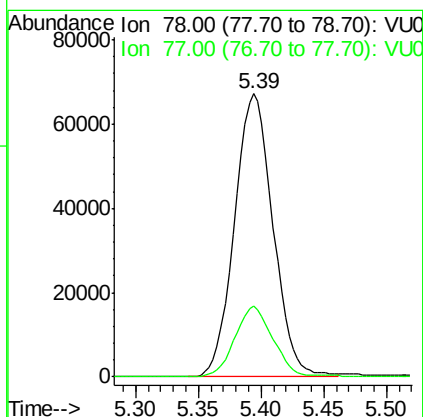
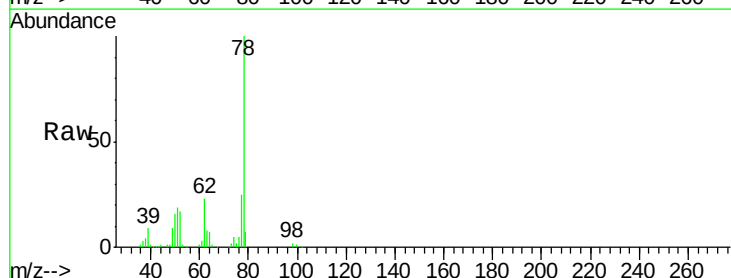
Manual Integrations
APPROVED

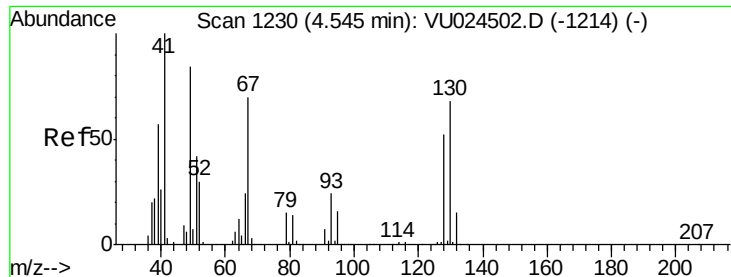
MMDadoda
7/9/2018 12:58:01 PM



#40
Benzene
Concen: 18.211 ug/l
RT: 5.39 min Scan# 1494
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	78	Resp	143616
Ion Ratio	100	Lower	Upper
78	100		
77	24.9	19.2	28.8





#41

Methacrylonitrile

Concen: 21.320 ug/l

RT: 4.54 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

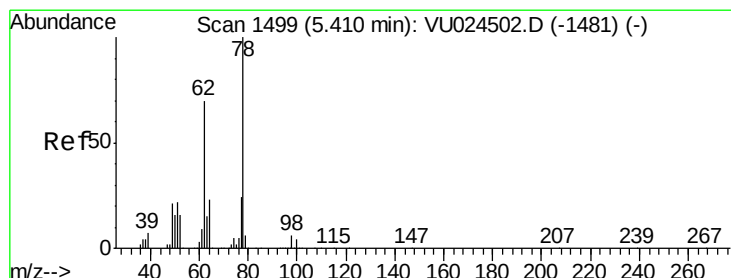
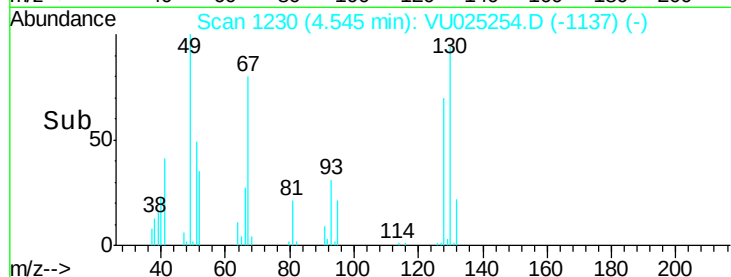
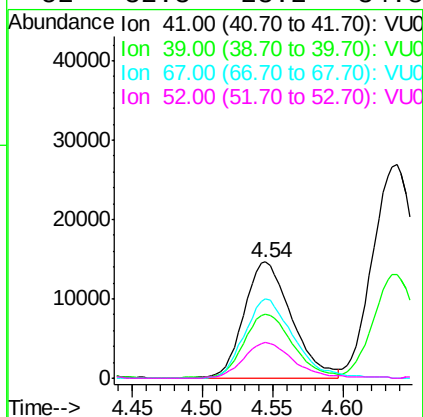
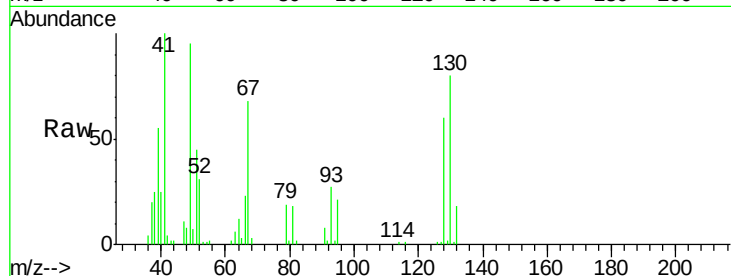
ClientSampleId :

VU0707WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.8	43.8	65.6	
67	70.4	56.3	84.5	
52	32.3	23.2	34.8	

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM



#42

1,2-Dichloroethane

Concen: 20.431 ug/l

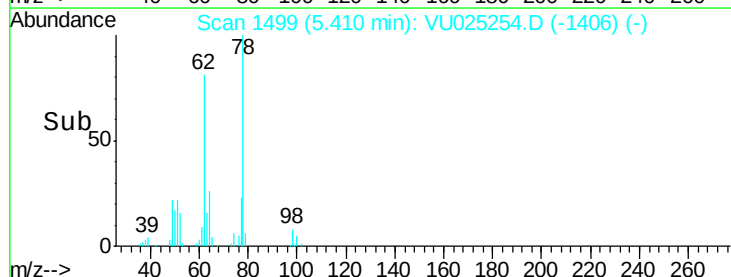
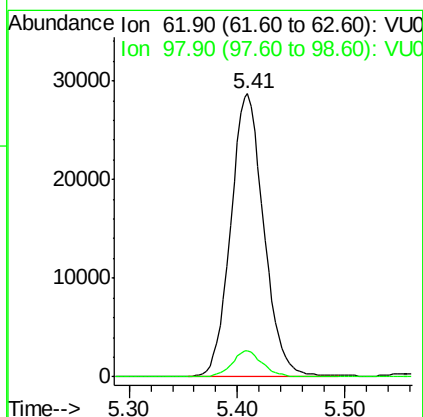
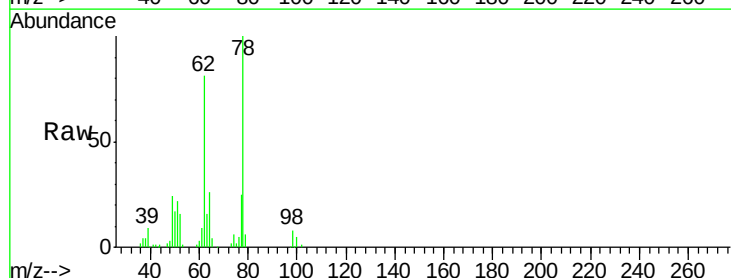
RT: 5.41 min Scan# 1499

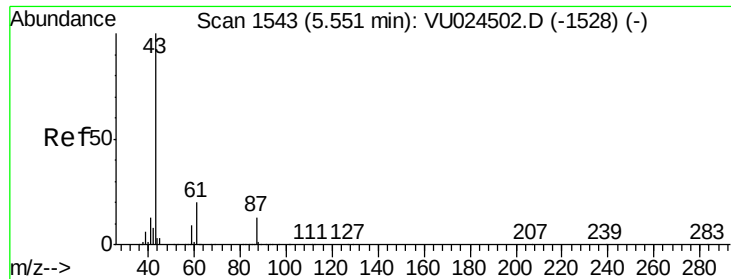
Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	16.6	





#43

Isopropyl Acetate

Concen: 18.801 ug/l

RT: 5.55 min Scan# 1542

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

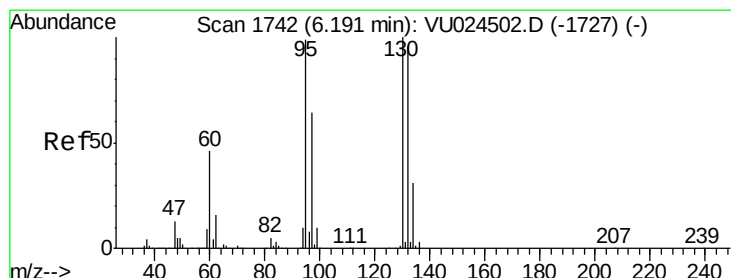
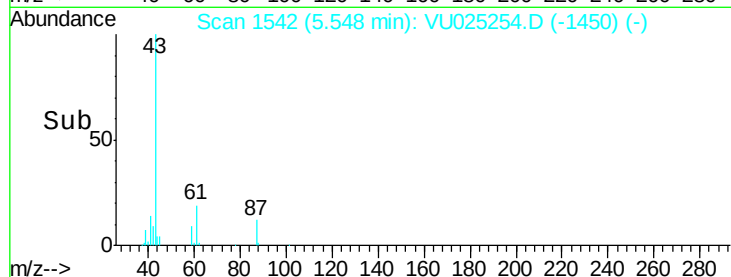
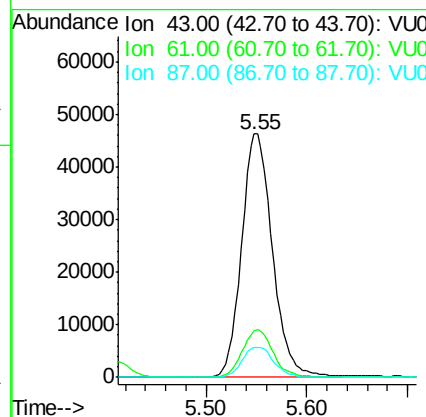
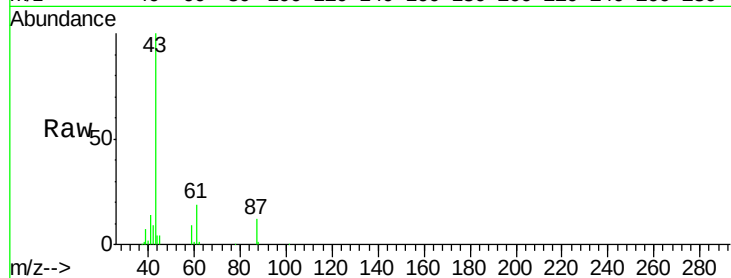
ClientSampleId :

VU0707WBS02

Tot Ion:	43	Resp:	98036
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.4	23.0
87	12.6	10.0	15.0

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM



#44

Trichloroethene

Concen: 17.895 ug/l

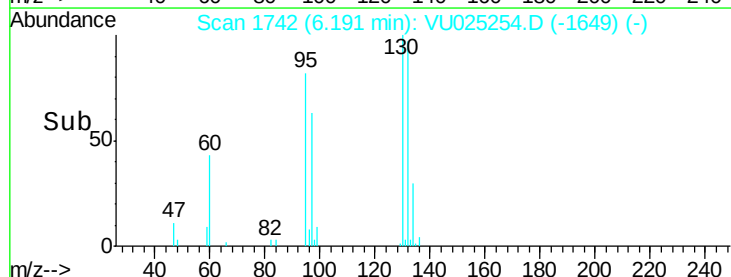
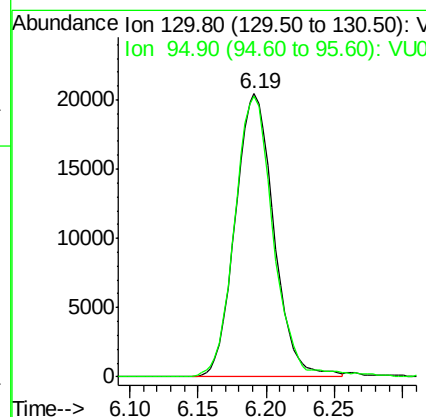
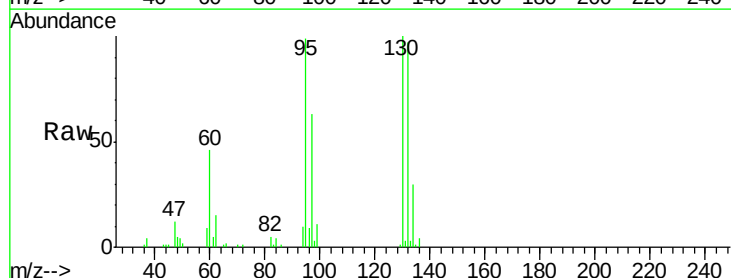
RT: 6.19 min Scan# 1742

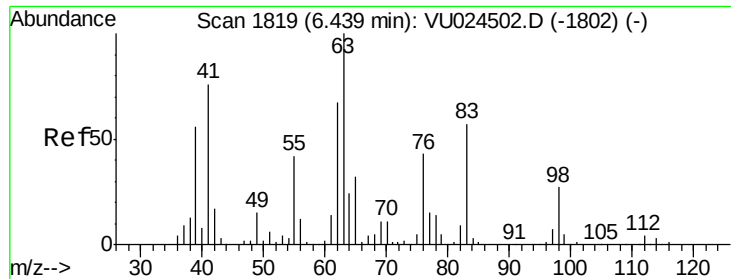
Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion:	130	Resp:	40164
Ion	Ratio	Lower	Upper
130	100		
95	99.4	0.0	202.4





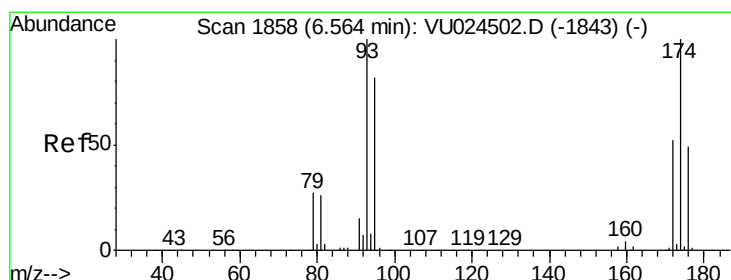
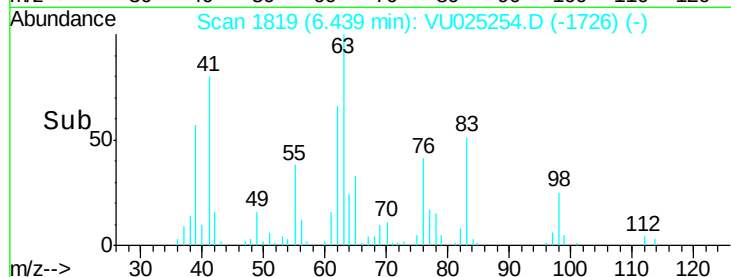
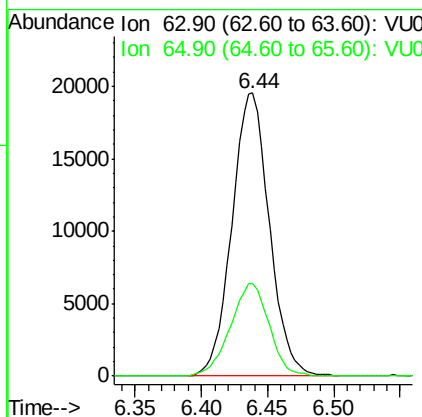
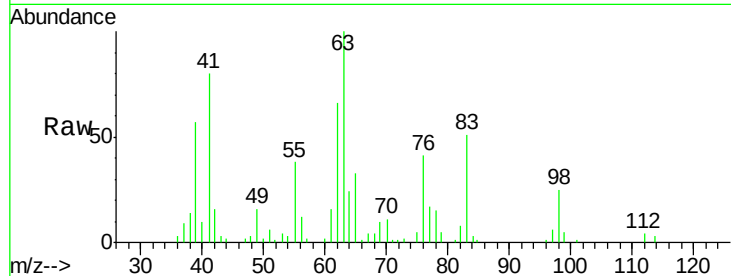
#45
 1,2-Dichloropropane
 Concen: 18.225 ug/l
 RT: 6.44 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0707WBS02

Tot Ion: 63 Resp: 38350
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.8 37.2

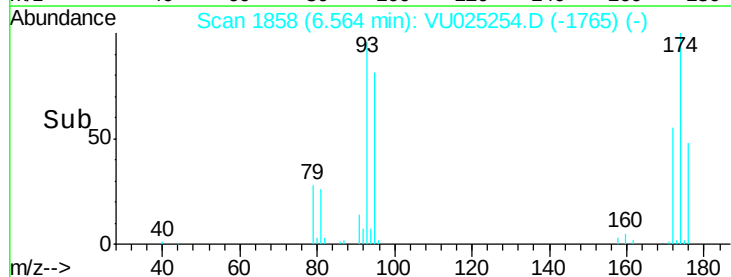
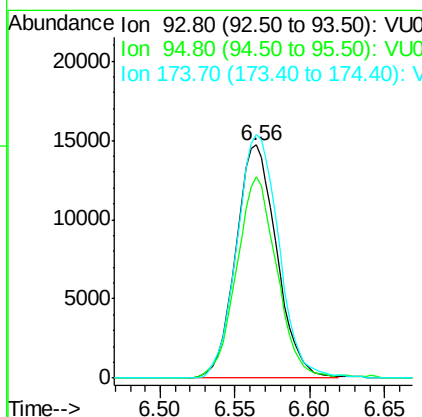
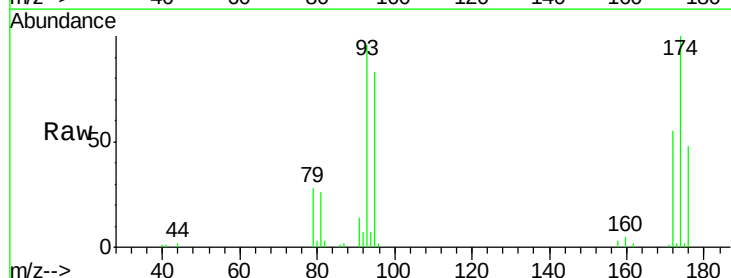
Manual Integrations
 APPROVED

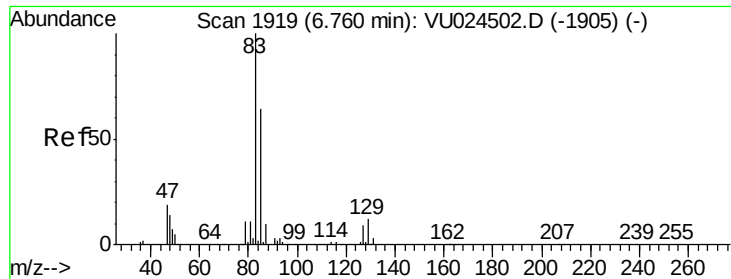
MMDadoda
 7/9/2018 12:58:01 PM



#46
 Dibromomethane
 Concen: 18.938 ug/l
 RT: 6.56 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Tgt Ion: 93 Resp: 27992
 Ion Ratio Lower Upper
 93 100
 95 84.6 65.5 98.3
 174 107.5 78.7 118.1





#47

Bromodichloromethane

Concen: 17.827 ug/l

RT: 6.76 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

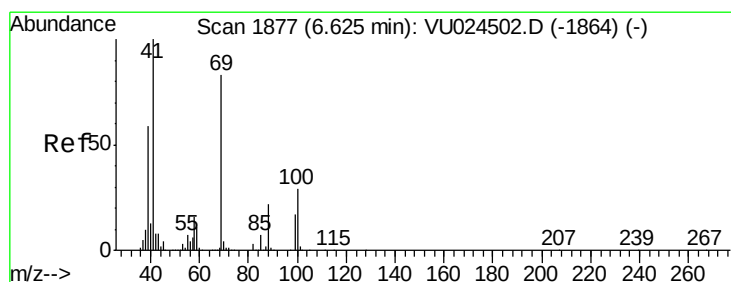
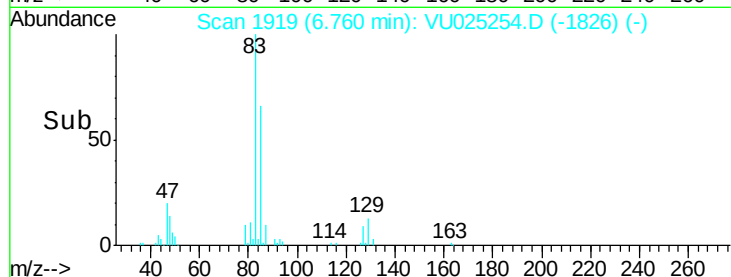
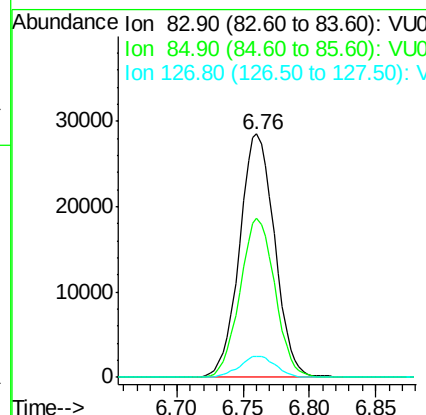
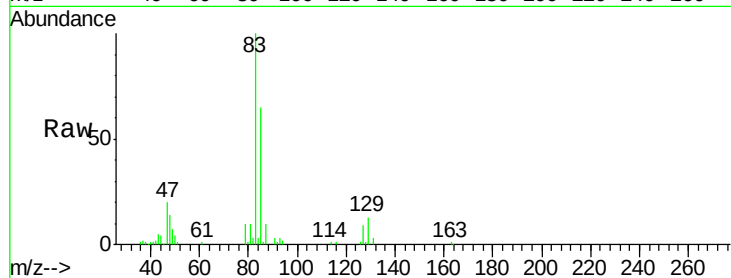
ClientSampleId :

VU0707WBS02

Tot Ion:	83	Resp:	52469
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9
127	8.8	6.6	9.8

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM



#48

Methyl methacrylate

Concen: 19.468 ug/l

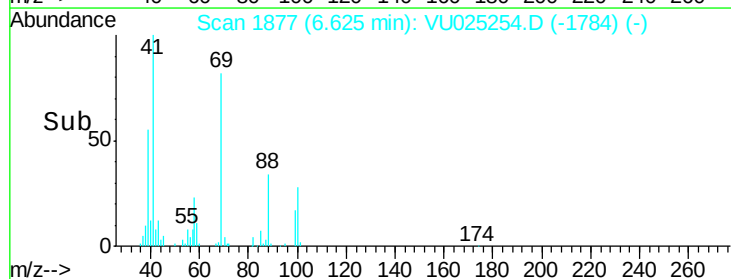
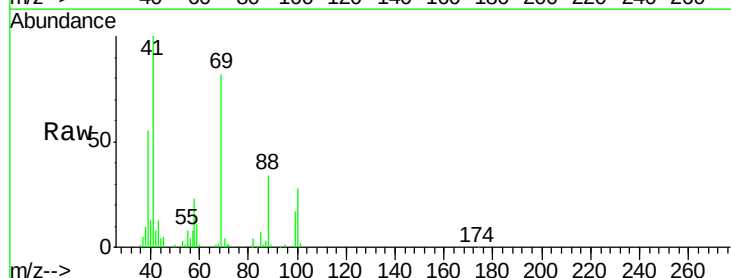
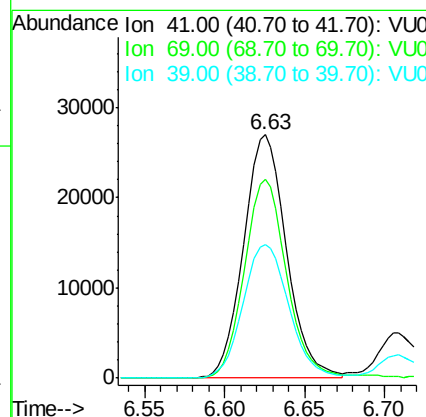
RT: 6.63 min Scan# 1877

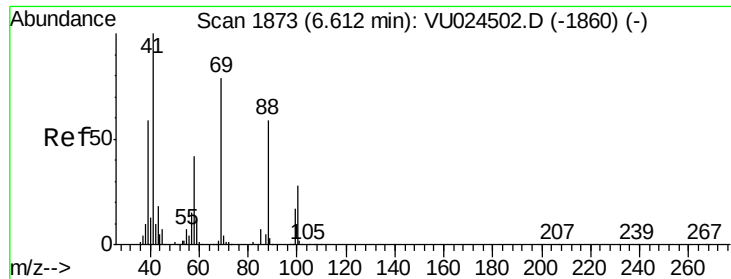
Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion:	41	Resp:	49430
Ion	Ratio	Lower	Upper
41	100		
69	81.0	67.3	100.9
39	58.5	46.5	69.7





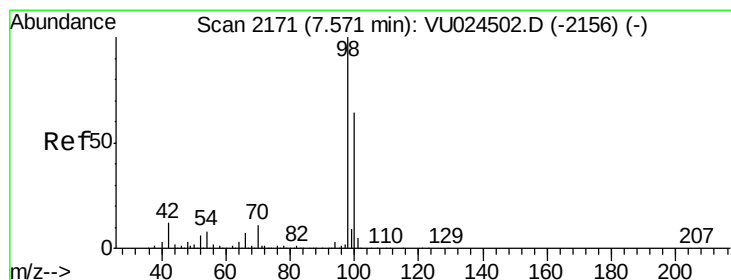
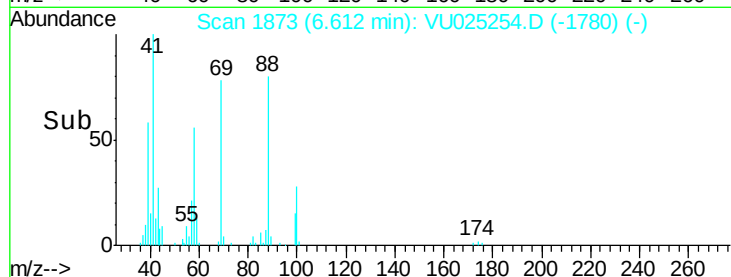
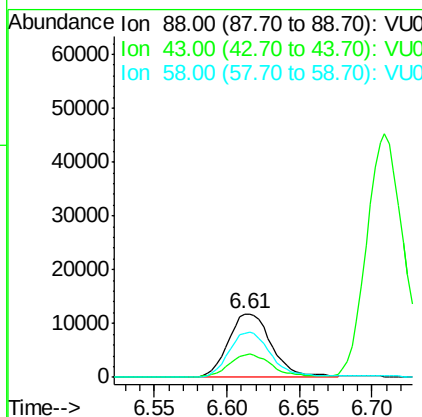
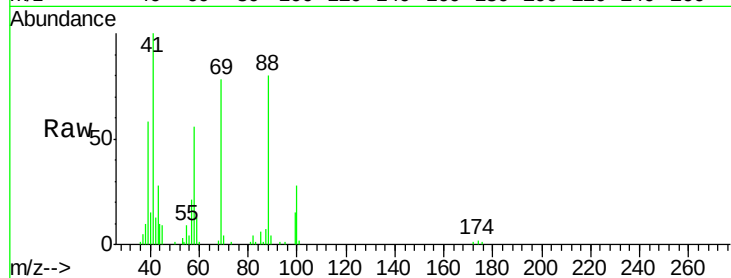
#49
1,4-Dioxane
Concen: 495.146 ug/l
RT: 6.61 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.3	28.6	42.8
58	70.1	58.2	87.4

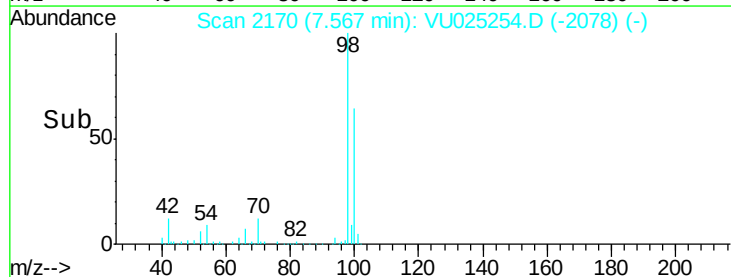
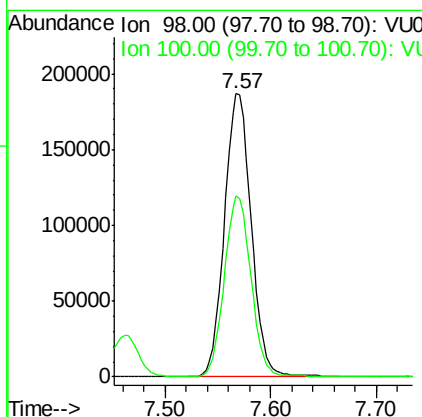
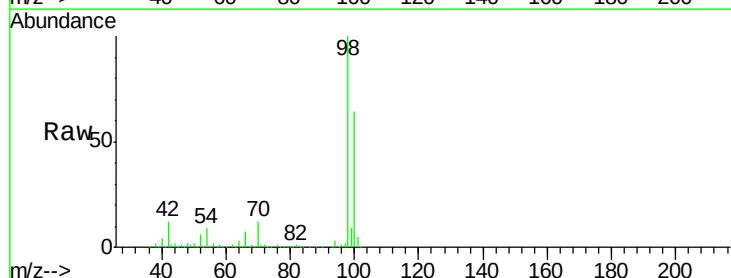
Manual Integrations
APPROVED

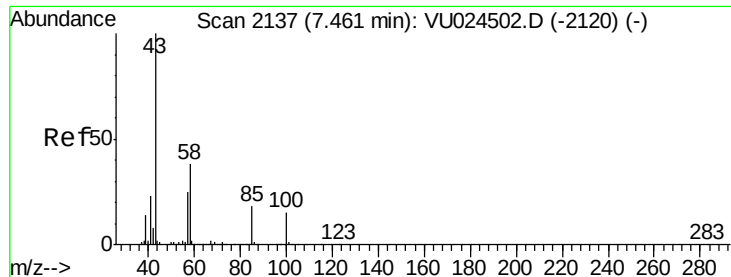
MMDadoda
7/9/2018 12:58:01 PM



#50
Toluene-d8
Concen: 46.051 ug/l
RT: 7.57 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.1	76.7





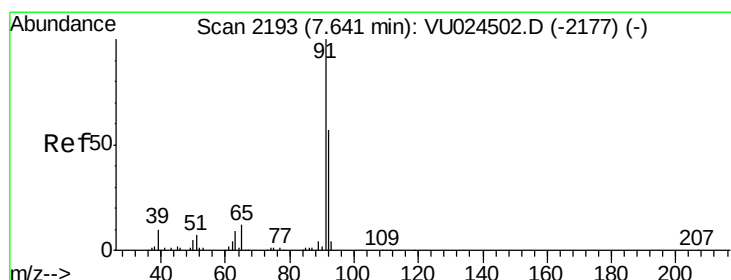
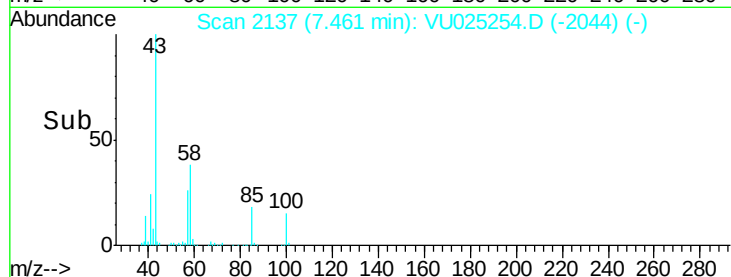
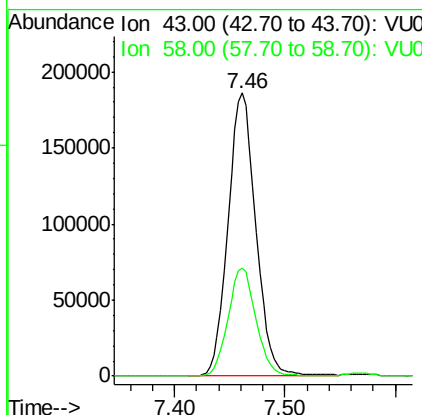
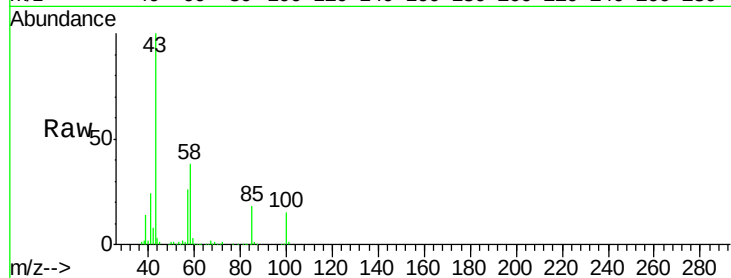
#51
4-Methyl-2-Pentanone
Concen: 99.504 ug/l
RT: 7.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.1	30.0	45.0

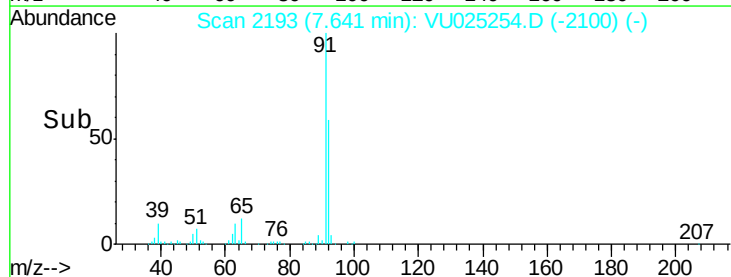
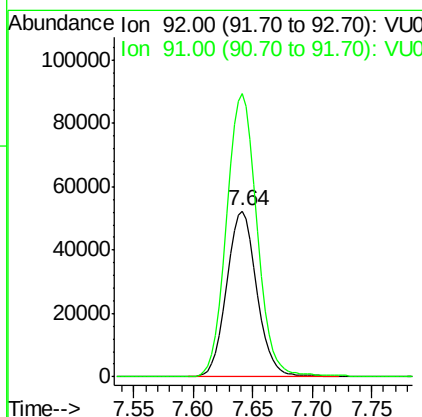
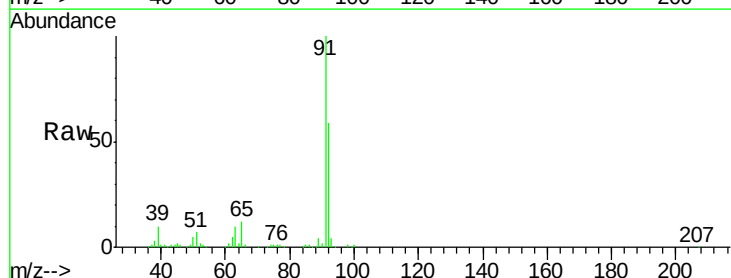
Manual Integrations
APPROVED

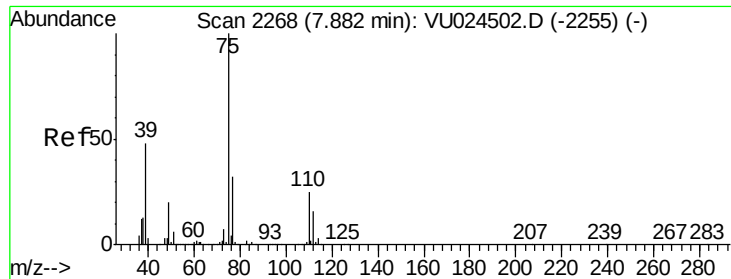
MMDadoda
7/9/2018 12:58:01 PM



#52
Toluene
Concen: 18.132 ug/l
RT: 7.64 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.3	140.5	210.7





#53

t-1,3-Dichloropropene

Concen: 16.415 ug/l

RT: 7.88 min Scan# 2268

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion: 75 Resp: 54255

Ion Ratio Lower Upper

75 100

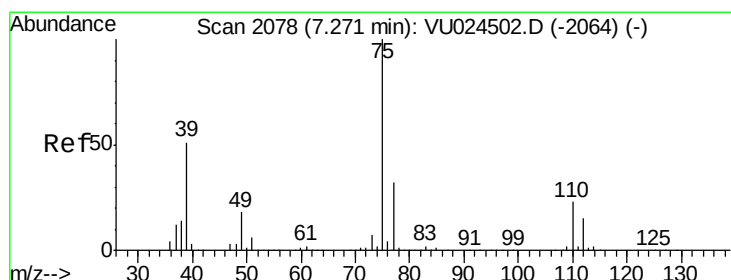
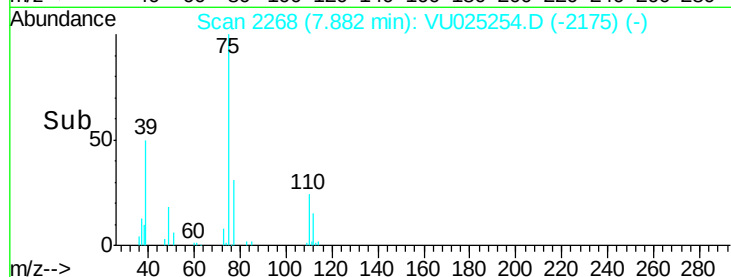
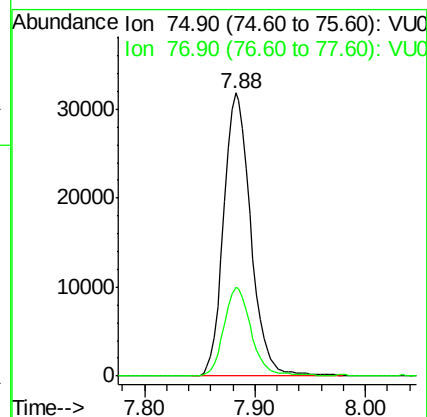
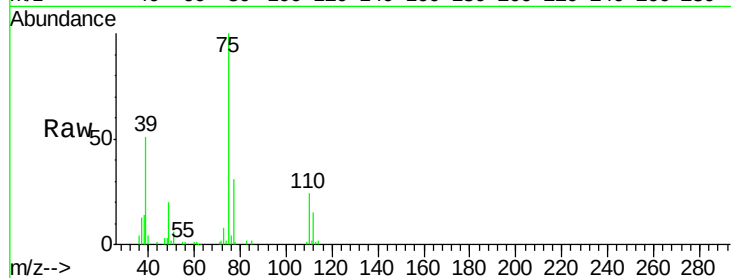
77 31.3 24.8 37.2

Manual Integrations

APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#54

cis-1,3-Dichloropropene

Concen: 16.817 ug/l

RT: 7.27 min Scan# 2078

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

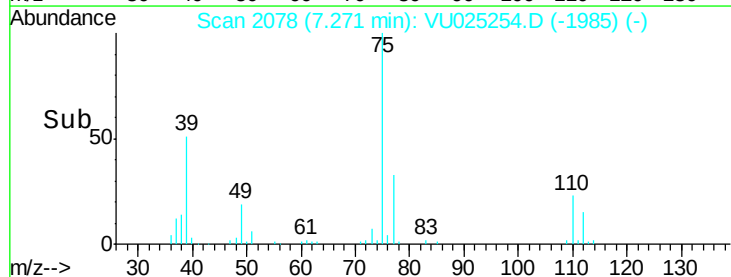
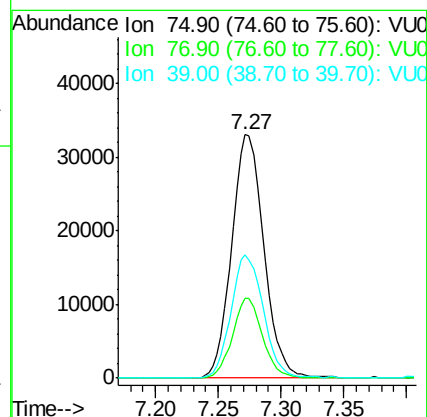
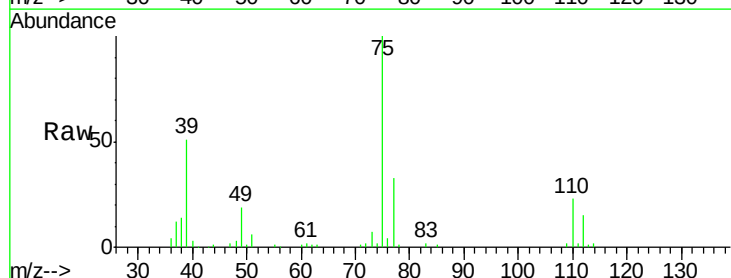
Tgt Ion: 75 Resp: 59229

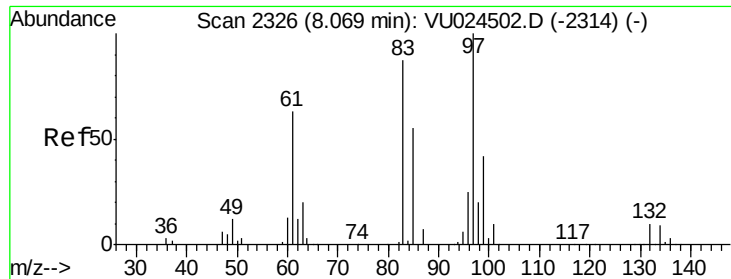
Ion Ratio Lower Upper

75 100

77 32.7 24.6 36.8

39 50.6 39.8 59.6





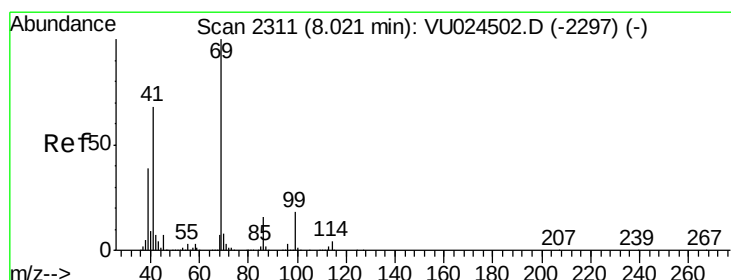
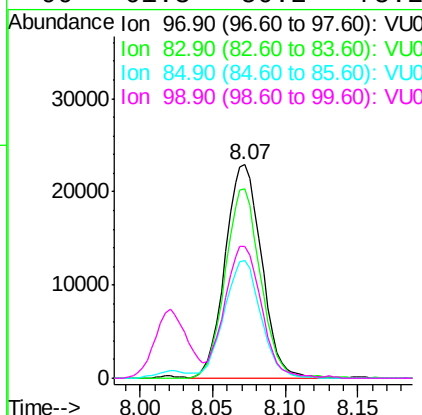
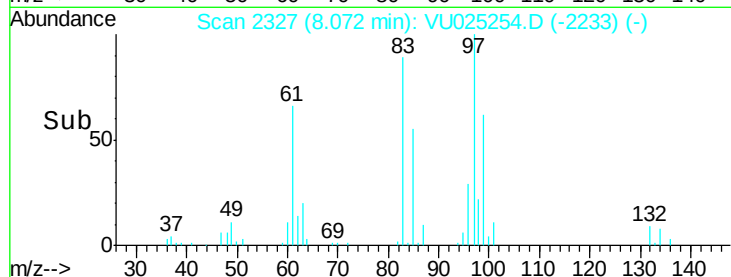
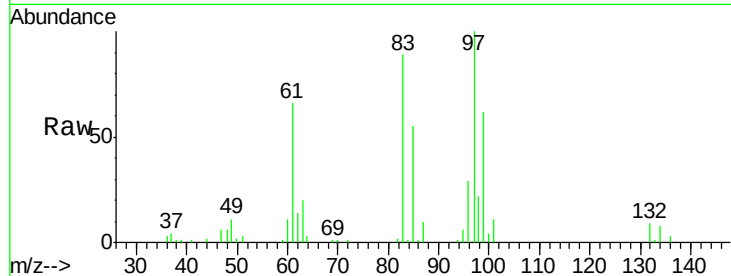
#55
 1,1,2-Trichloroethane
 Concen: 19.338 ug/l
 RT: 8.07 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0707WBS02

Tot Ion	97	Resp:	39884
Ion Ratio	Lower	Upper	
97	100		
83	88.5	70.5	105.7
85	55.3	46.4	69.6
99	61.3	50.2	75.2

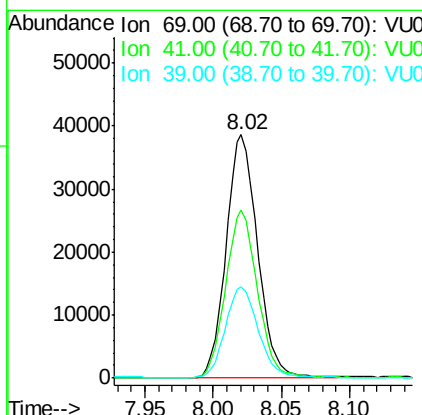
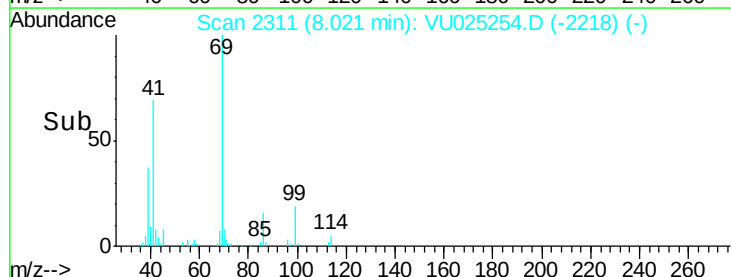
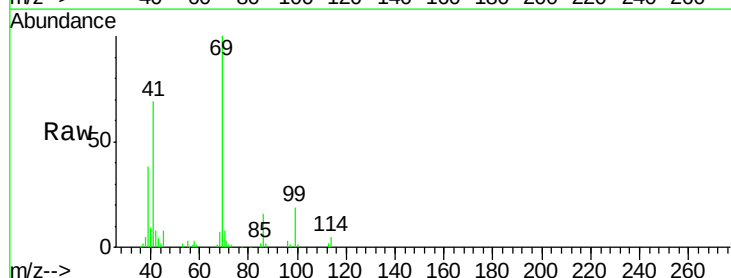
Manual Integrations
 APPROVED

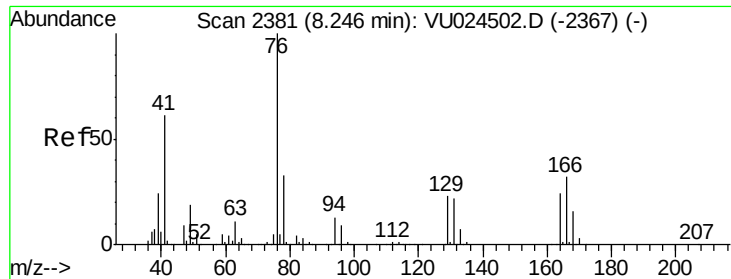
MMDadoda
 7/9/2018 12:58:01 PM



#56
 Ethyl methacrylate
 Concen: 17.978 ug/l
 RT: 8.02 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Tgt Ion	69	Resp:	62060
Ion Ratio	Lower	Upper	
69	100		
41	69.7	54.1	81.1
39	39.6	30.3	45.5





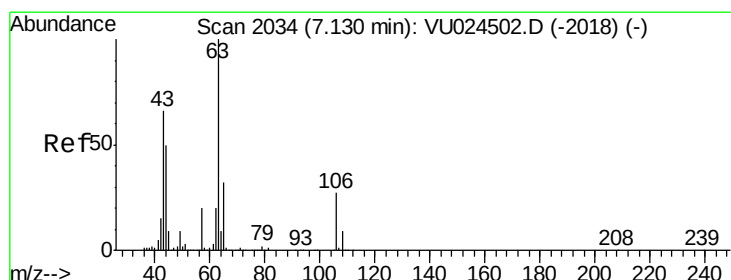
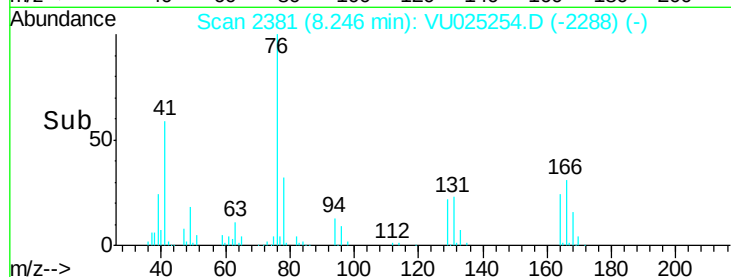
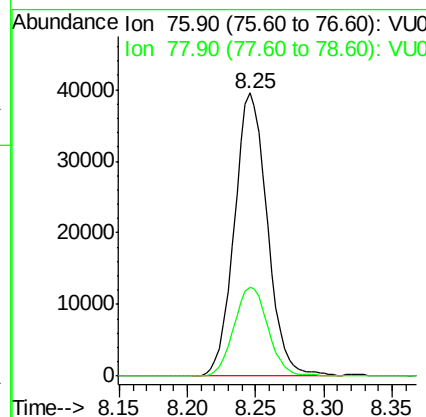
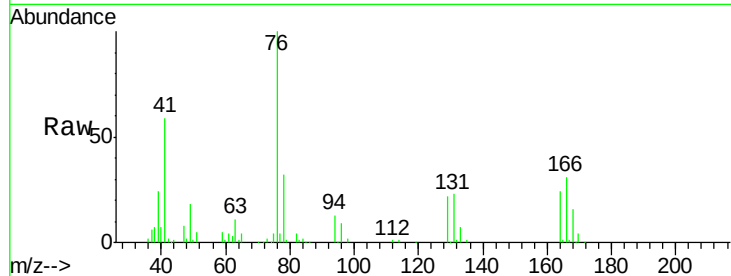
#57
 1,3-Dichloropropane
 Concen: 19.077 ug/l
 RT: 8.25 min Scan# 2381
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0707WBS02

Tot Ion: 76 Resp: 66373
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.2 37.8

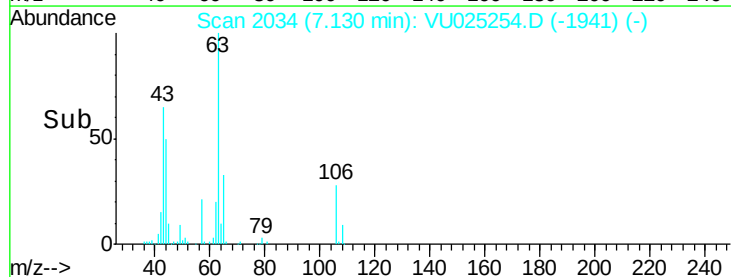
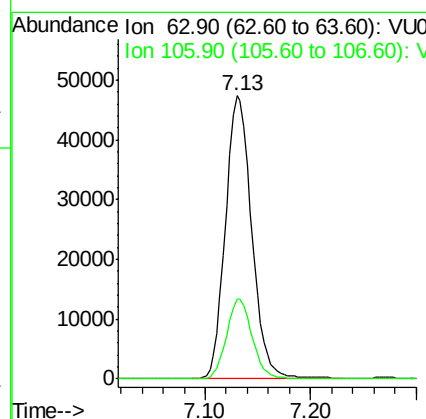
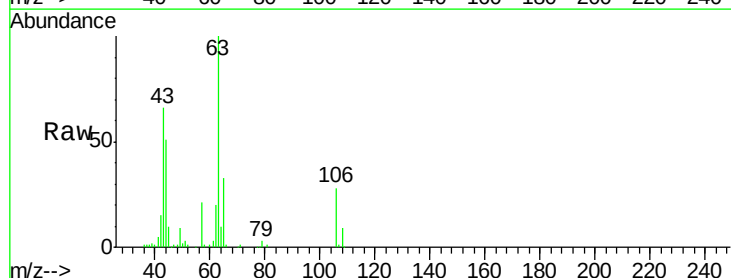
Manual Integrations
 APPROVED

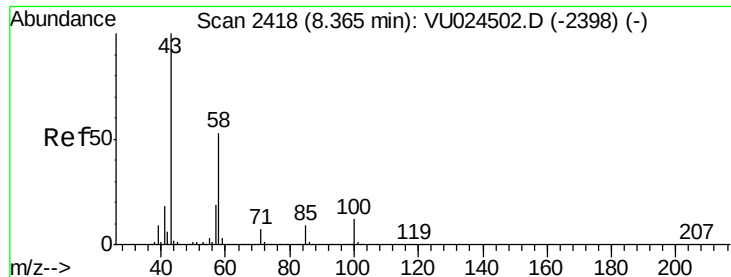
MMDadoda
 7/9/2018 12:58:01 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 61.882 ug/l
 RT: 7.13 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Tgt Ion: 63 Resp: 81837
 Ion Ratio Lower Upper
 63 100
 106 27.2 20.2 30.2





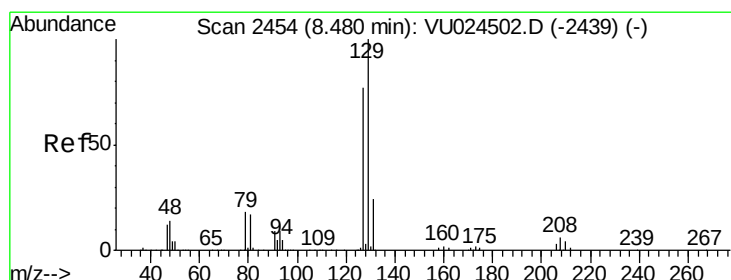
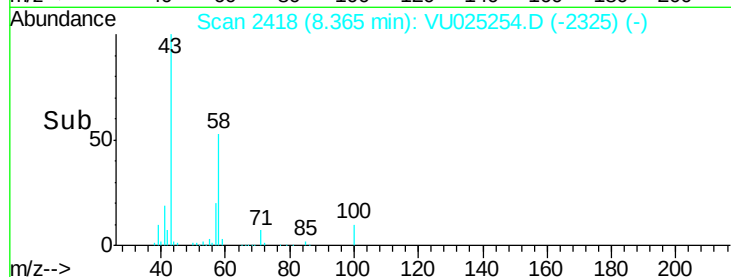
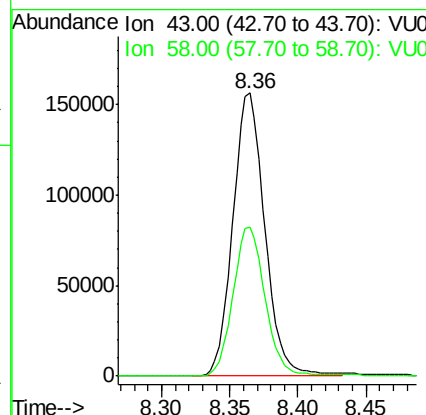
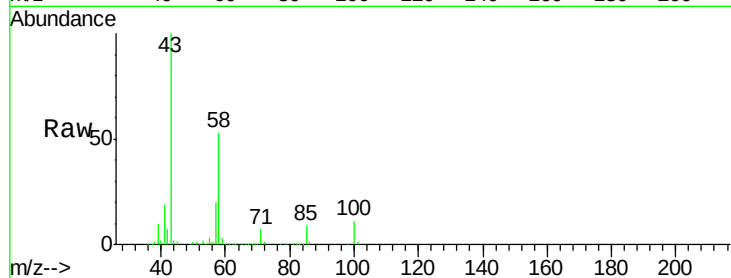
#59
2-Hexanone
Concen: 95.384 ug/l
RT: 8.36 min Scan# 2418
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	43	Resp	255099
Ion Ratio	43	100	
Lower	58	52.6	26.4
Upper			79.0

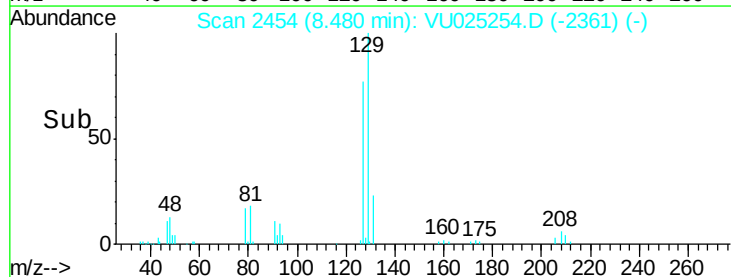
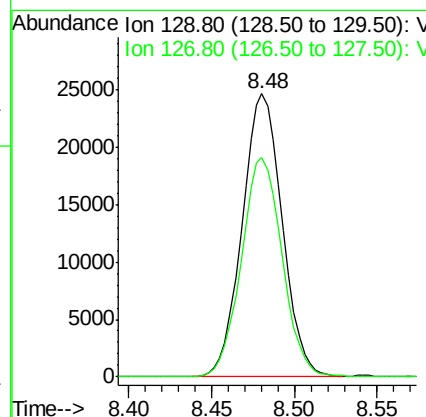
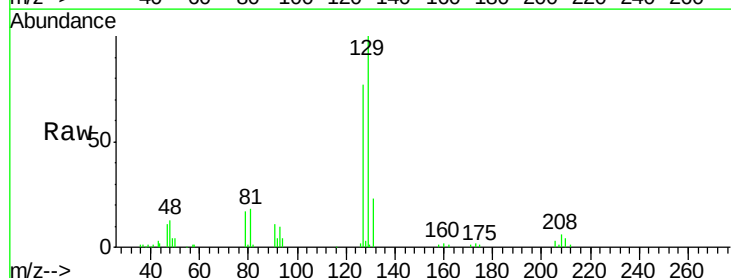
Manual Integrations
APPROVED

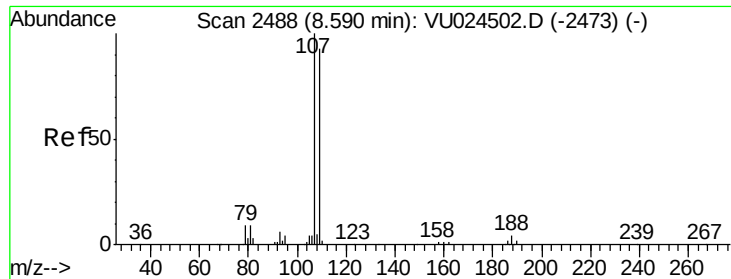
MMDadoda
7/9/2018 12:58:01 PM



#60
Dibromochloromethane
Concen: 16.059 ug/l
RT: 8.48 min Scan# 2454
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	129	Resp	41302
Ion Ratio	129	100	
Lower	127	79.0	38.6
Upper			116.0





#61

1,2-Dibromoethane

Concen: 18.744 ug/l

RT: 8.59 min Scan# 2488

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion:107 Resp: 43029

Ion Ratio Lower Upper

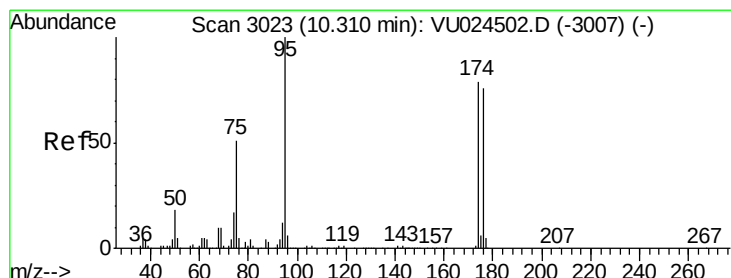
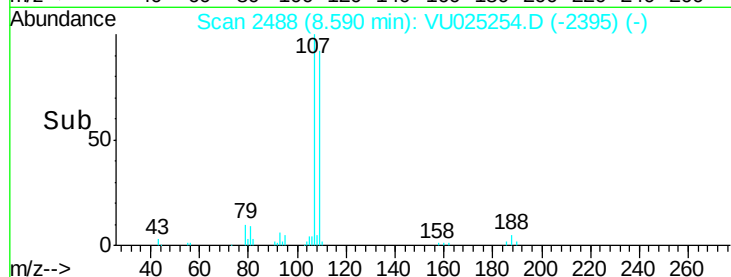
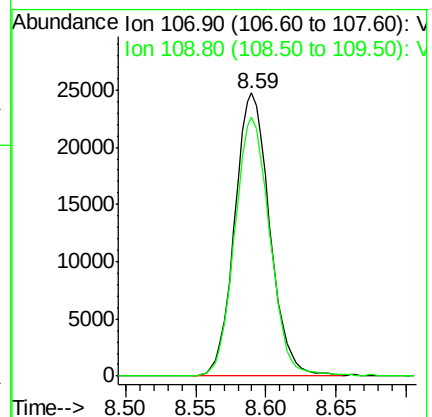
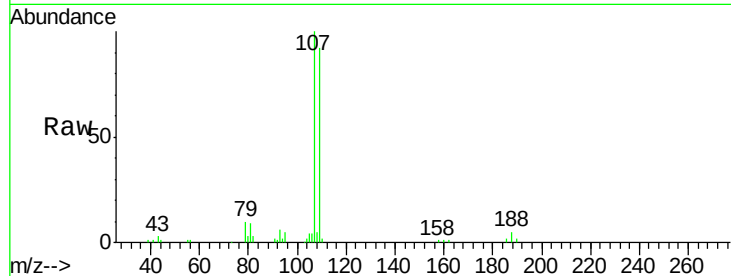
107 100

109 92.1 74.5 111.7

Manual Integrations
APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#62

4-Bromofluorobenzene

Concen: 45.042 ug/l

RT: 10.31 min Scan# 3023

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

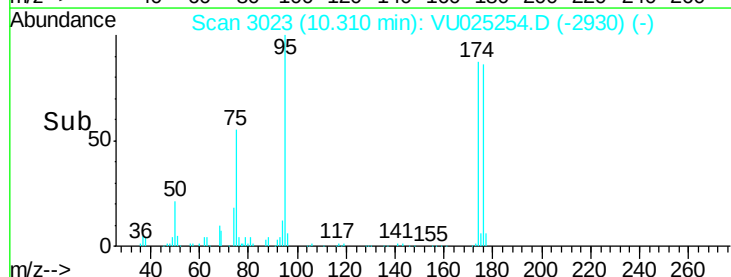
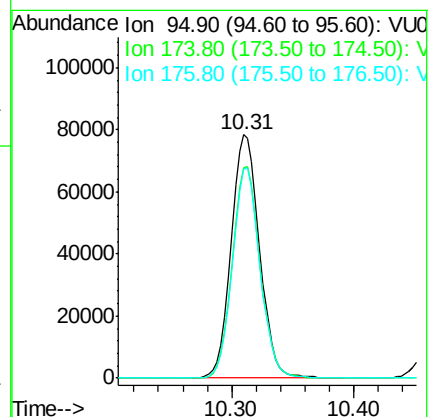
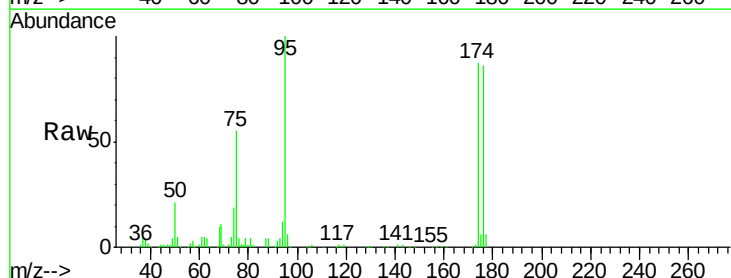
Tgt Ion: 95 Resp: 127509

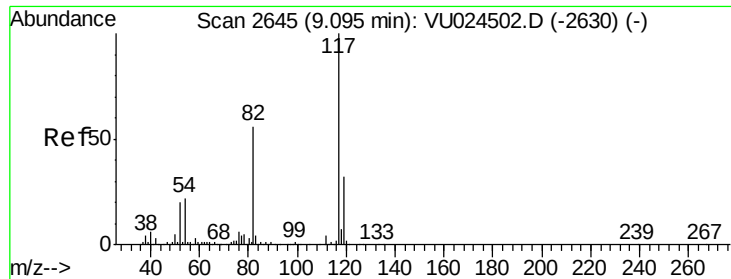
Ion Ratio Lower Upper

95 100

174 85.5 0.0 165.8

176 83.8 0.0 159.4





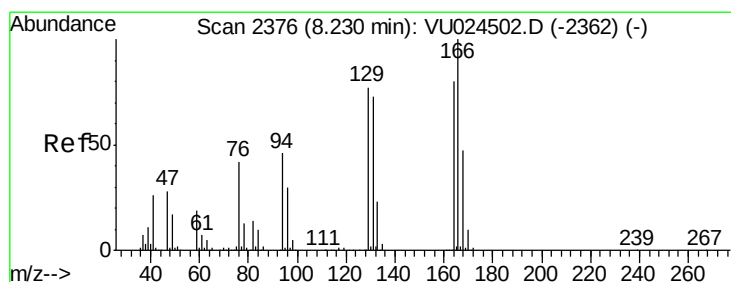
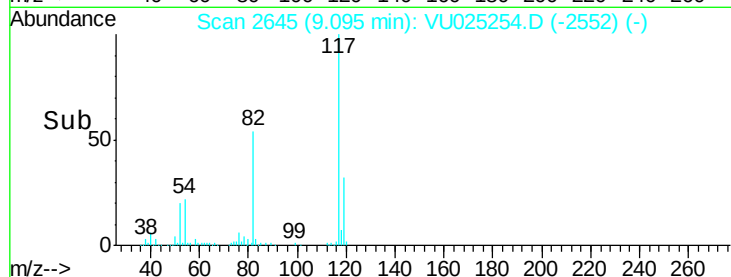
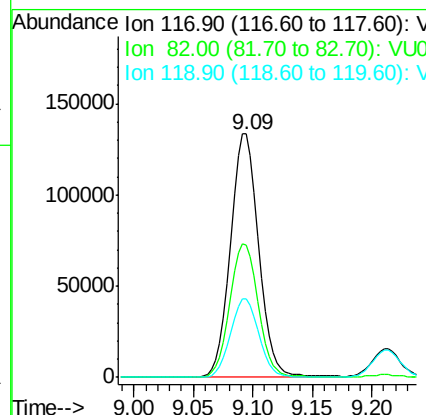
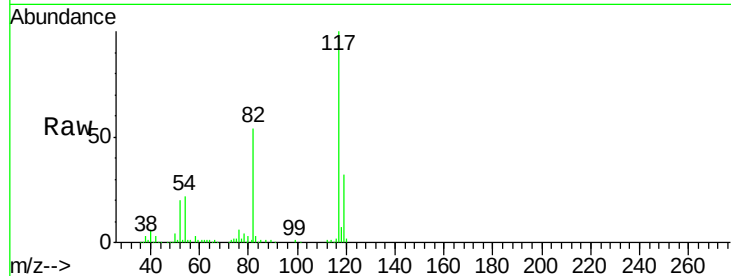
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2645
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	220461		
82	54.2	44.3	66.5	
119	32.5	25.4	38.2	

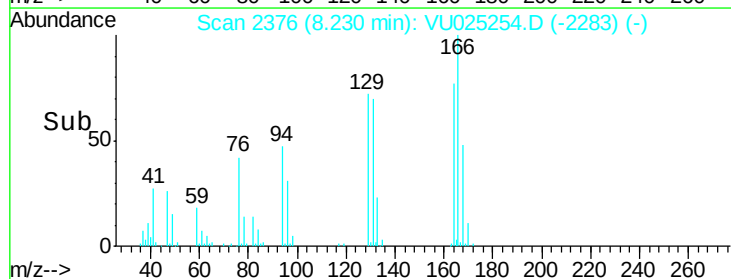
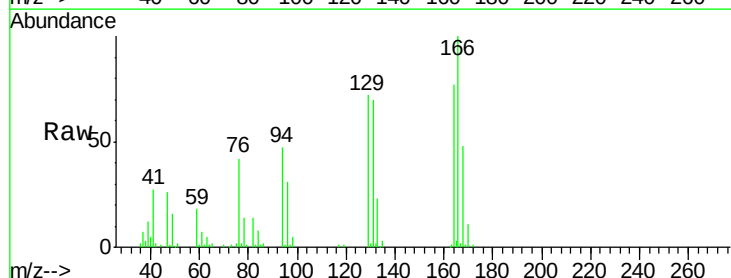
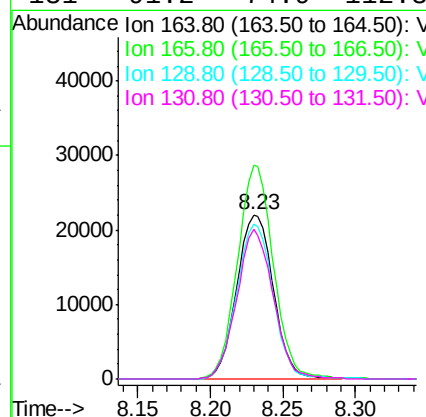
Manual Integrations
APPROVED

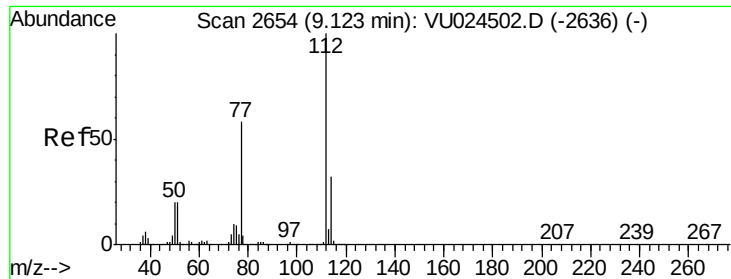
MMDadoda
7/9/2018 12:58:01 PM



#64
Tetrachloroethene
Concen: 18.416 ug/l
RT: 8.23 min Scan# 2376
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	38593		
166	130.3	101.7	152.5	
129	94.3	76.9	115.3	
131	91.2	74.9	112.3	





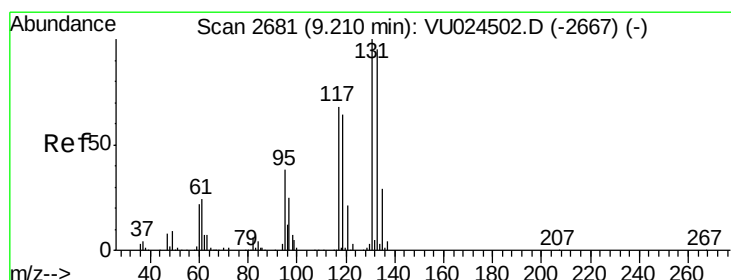
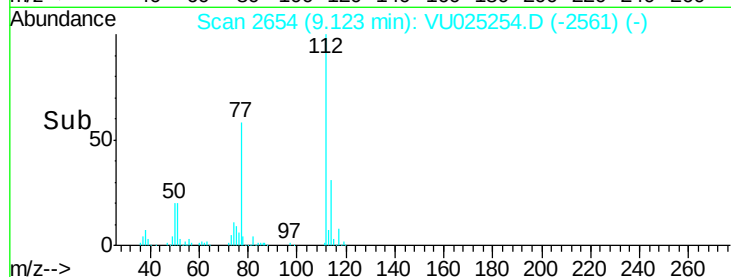
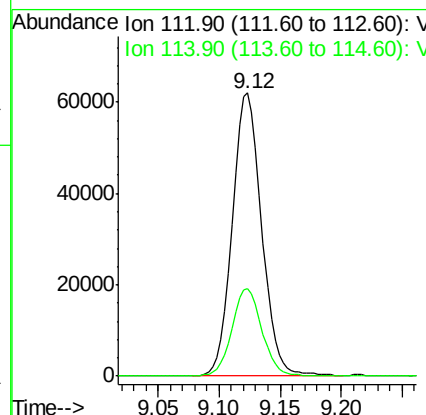
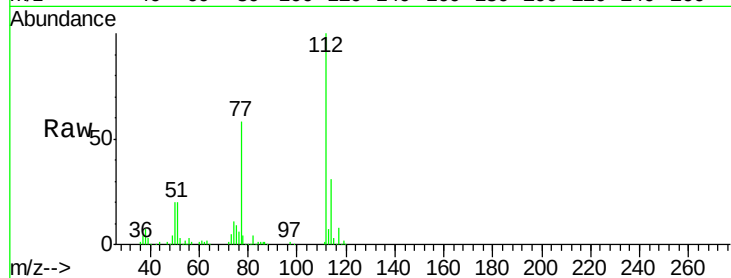
#65
Chlorobenzene
Concen: 18.563 ug/l
RT: 9.12 min Scan# 2654
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	25.6	38.4

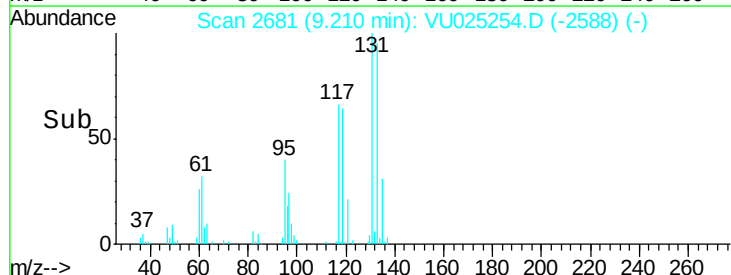
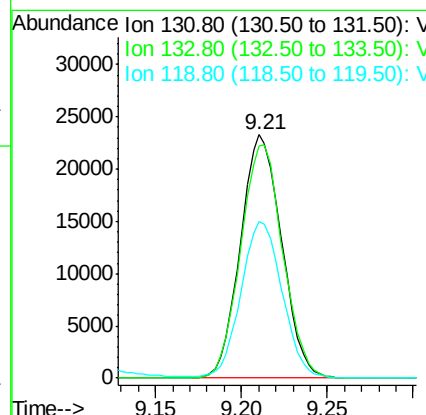
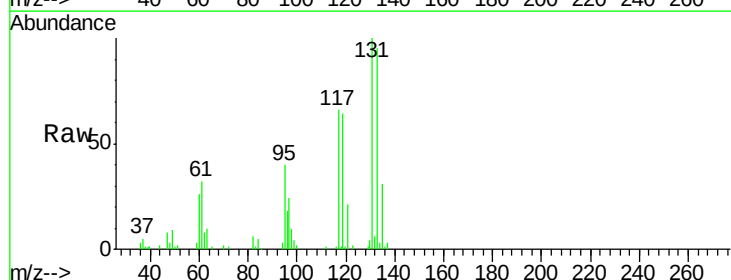
Manual Integrations
APPROVED

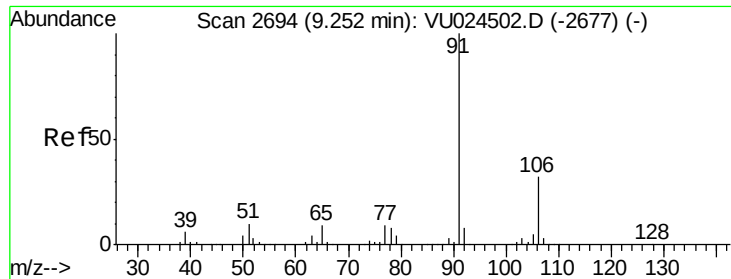
MMDadoda
7/9/2018 12:58:01 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.077 ug/l
RT: 9.21 min Scan# 2681
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.0	46.9	140.8
119	64.3	33.5	100.4





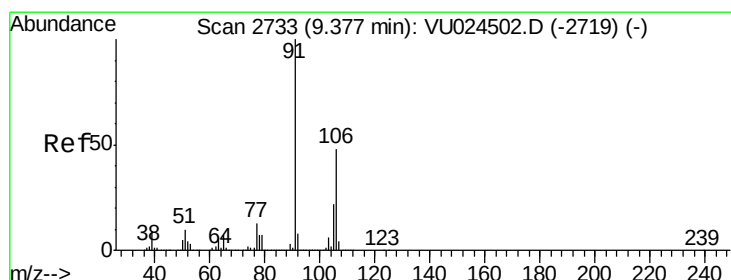
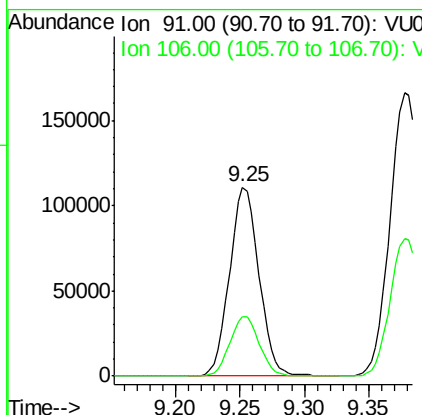
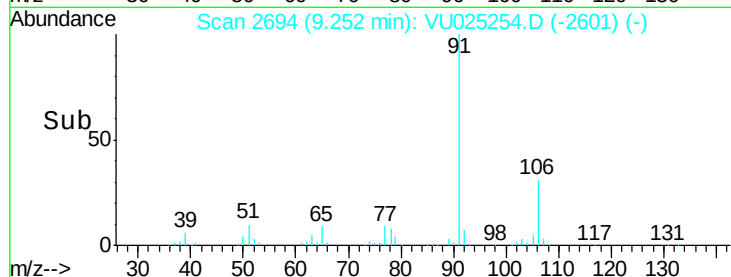
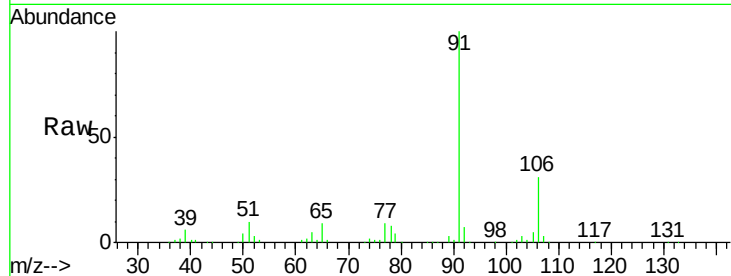
#67
Ethyl Benzene
Concen: 17.843 ug/l
RT: 9.25 min Scan# 2694
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

Tot Ion: 91 Resp: 176169
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4

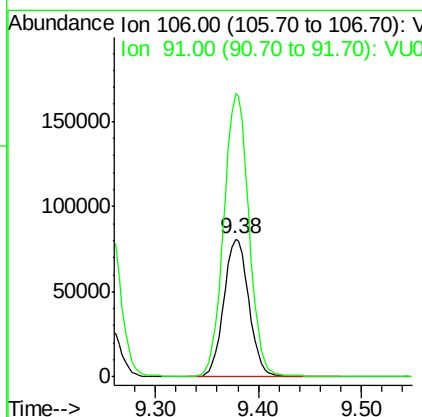
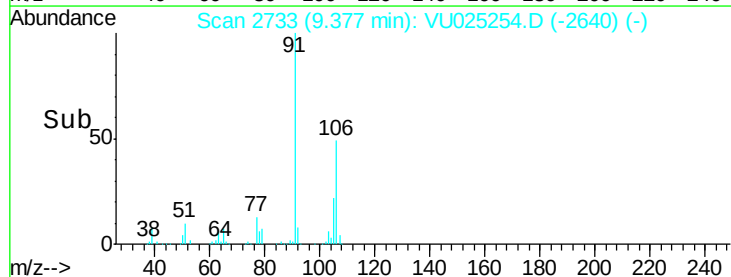
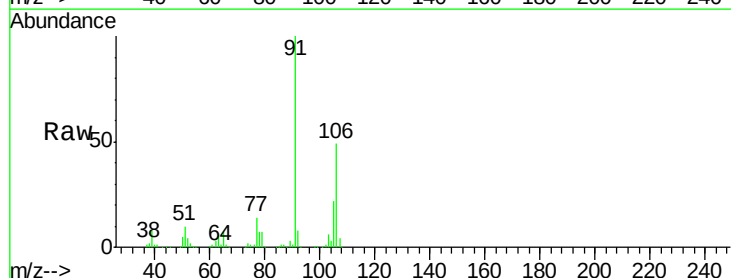
Manual Integrations
APPROVED

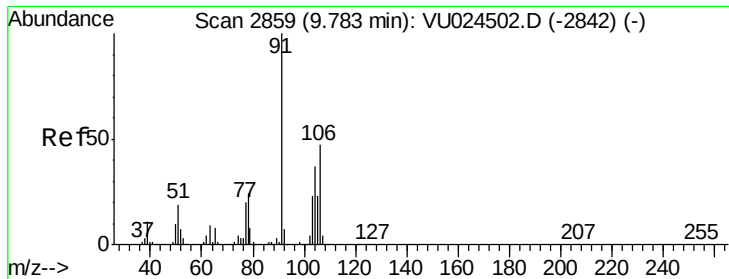
MMDadoda
7/9/2018 12:58:01 PM



#68
m/p-Xylenes
Concen: 36.109 ug/l
RT: 9.38 min Scan# 2733
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion: 106 Resp: 136903
Ion Ratio Lower Upper
106 100
91 206.6 166.5 249.7





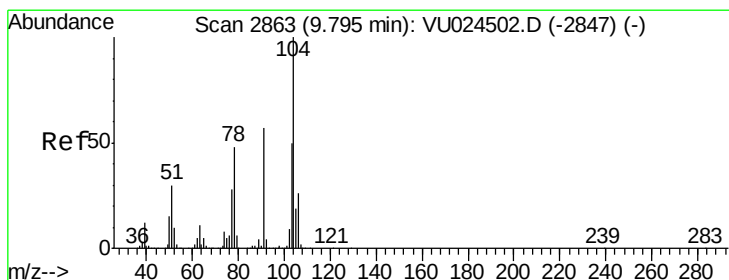
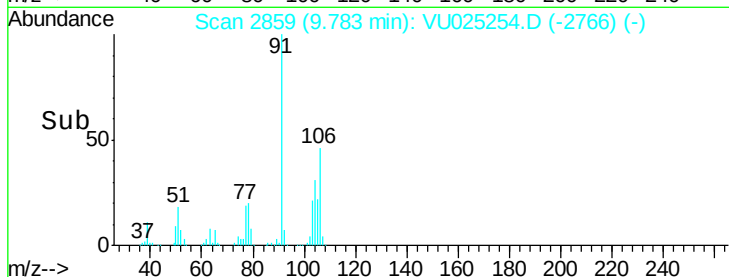
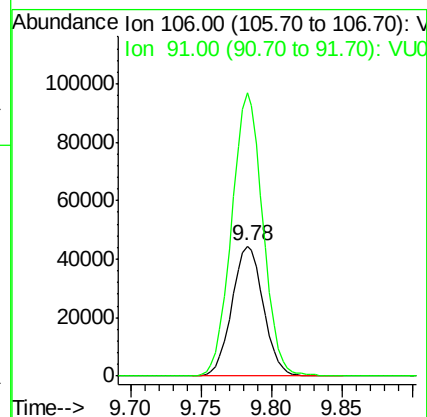
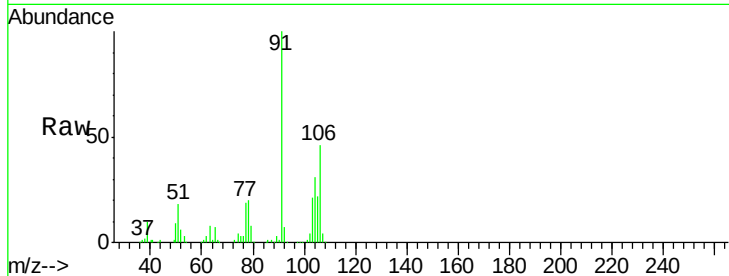
#69
o-Xylene
Concen: 18.498 ug/l
RT: 9.78 min Scan# 2859
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampled :
VU0707WBS02

Tot Ion:106 Resp: 69406
Ion Ratio Lower Upper
106 100
91 216.4 110.7 331.9

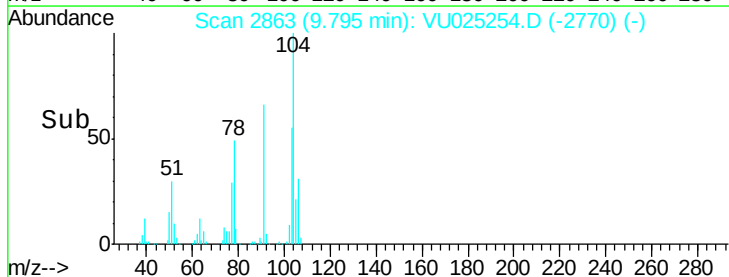
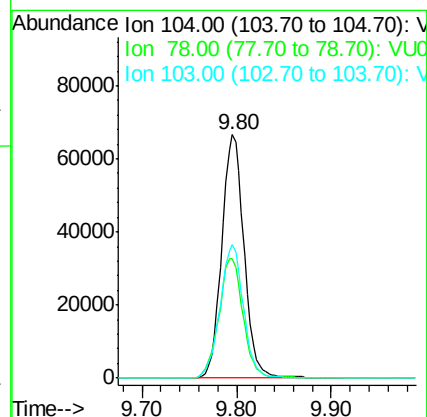
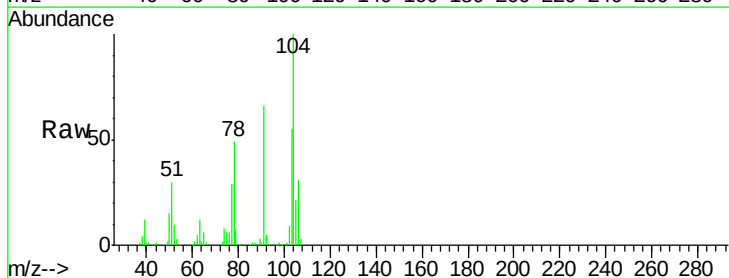
Manual Integrations
APPROVED

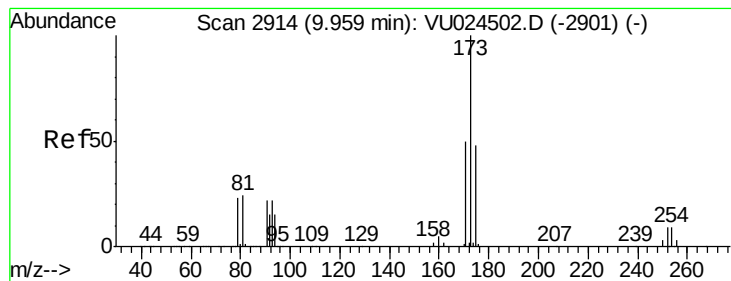
MMDadoda
7/9/2018 12:58:01 PM



#70
Styrene
Concen: 17.684 ug/l
RT: 9.80 min Scan# 2863
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion:104 Resp: 109043
Ion Ratio Lower Upper
104 100
78 53.1 40.6 60.8
103 57.3 44.7 67.1





#71

Bromoform

Concen: 15.511 ug/l

RT: 9.96 min Scan# 2915

Delta R.T. 0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

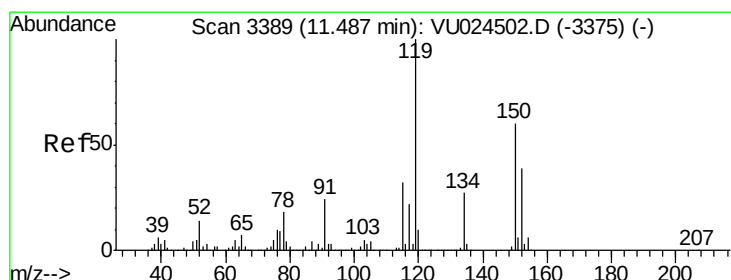
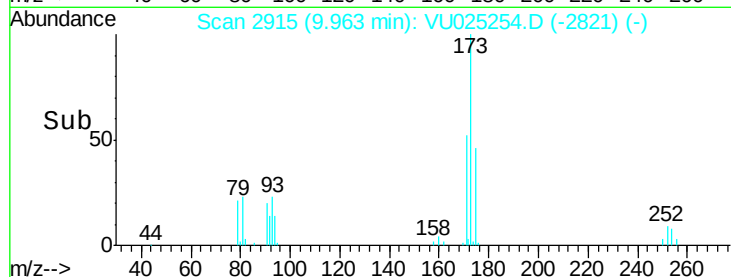
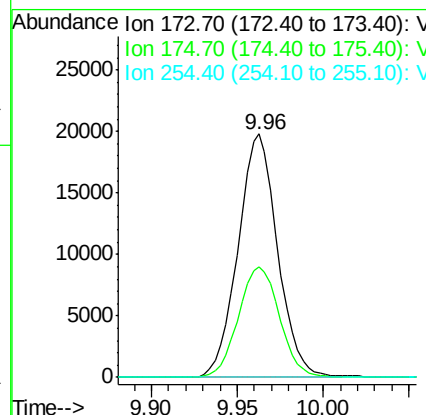
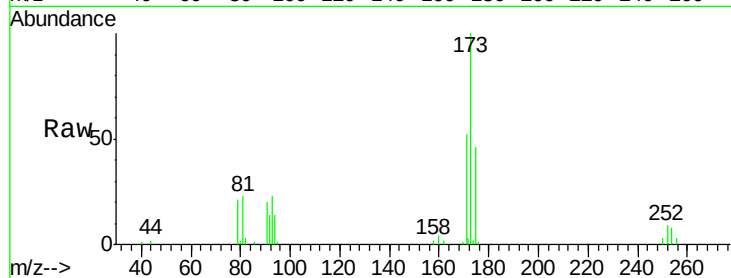
ClientSampled :

VU0707WBS02

Tot Ion:173	Resp:	31545
Ion Ratio	Lower	Upper
173 100		
175 47.0	24.6	74.0
254 0.0	0.0	0.0

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

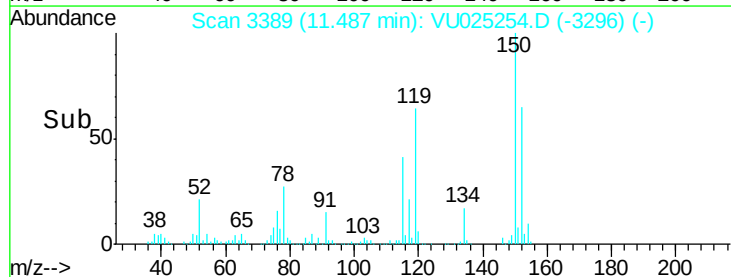
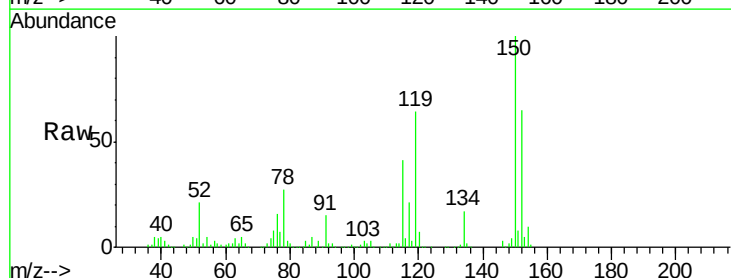
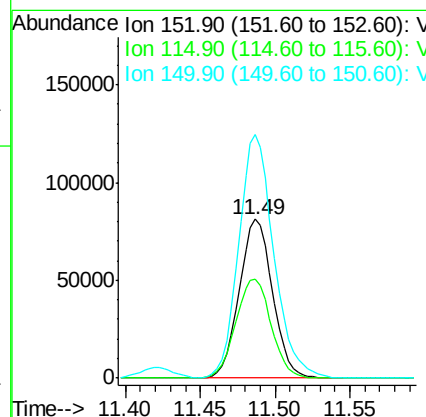
RT: 11.49 min Scan# 3389

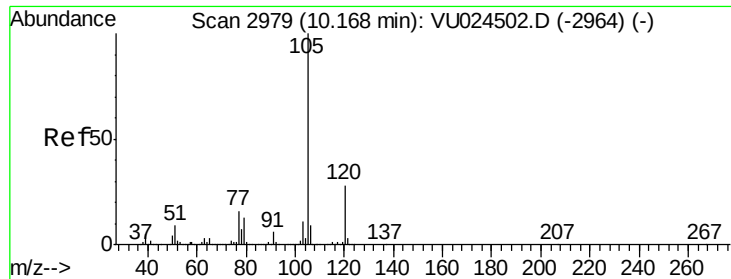
Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion:152	Resp:	126079
Ion Ratio	Lower	Upper
152 100		
115 66.2	43.0	129.0
150 161.4	0.0	354.0





#73

Isopropylbenzene

Concen: 18.965 ug/l

RT: 10.17 min Scan# 2979

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion: 105 Resp: 183578

Ion Ratio Lower Upper

105 100

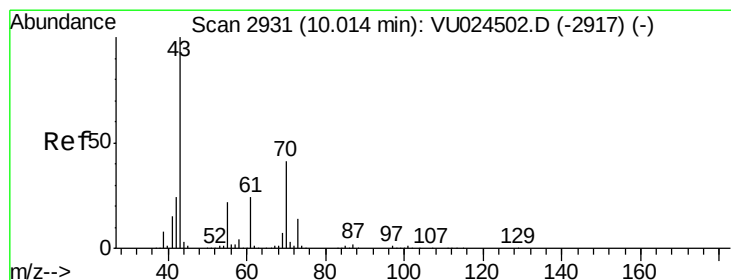
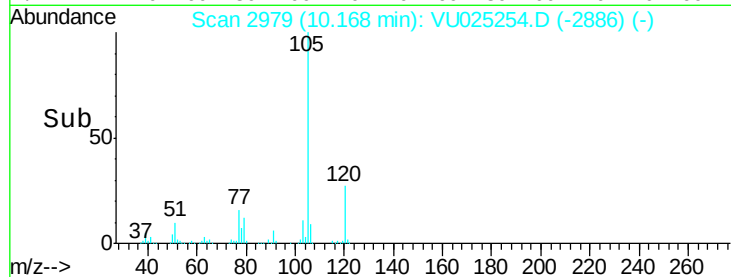
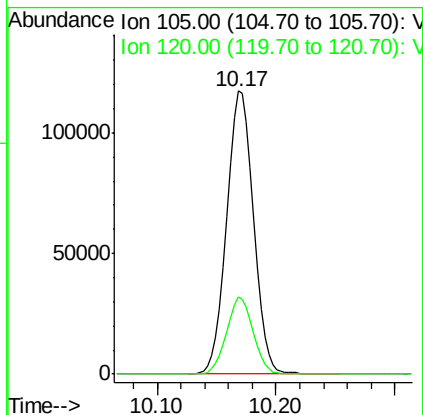
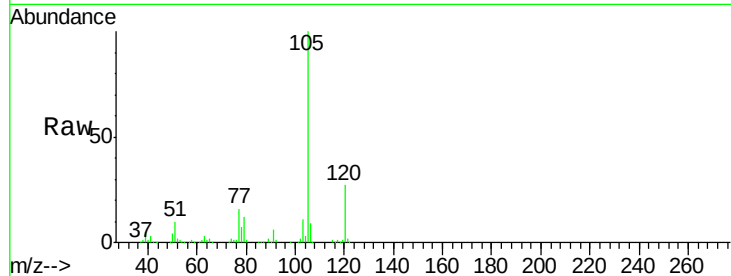
120 26.8 13.2 39.6

Manual Integrations

APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#74

N-ethyl acetate

Concen: 17.771 ug/l

RT: 10.01 min Scan# 2931

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion: 43 Resp: 81823

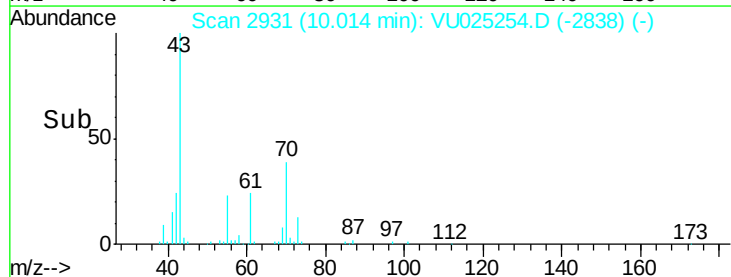
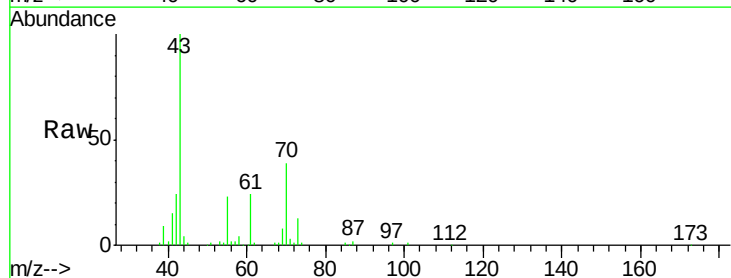
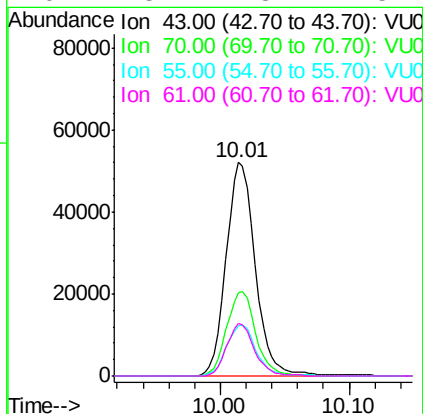
Ion Ratio Lower Upper

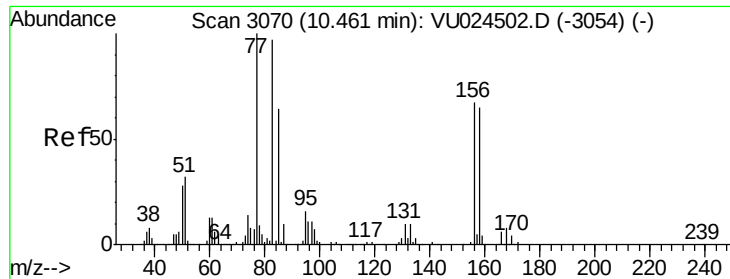
43 100

70 39.8 32.2 48.4

55 24.5 20.5 30.7

61 23.2 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.199 ug/l

RT: 10.46 min Scan# 3070

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion: 83 Resp: 65520

Ion Ratio Lower Upper

83 100

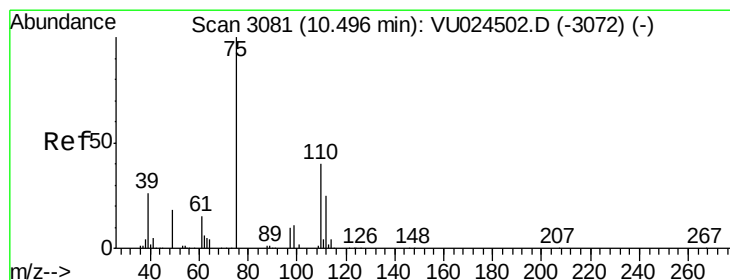
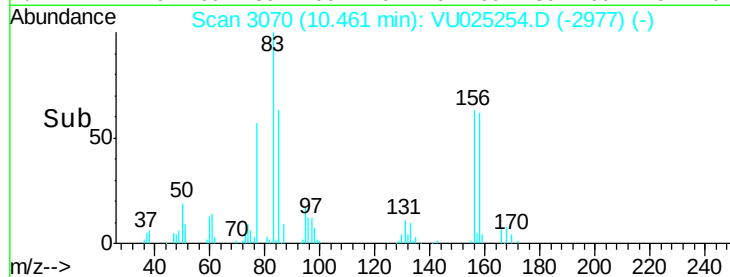
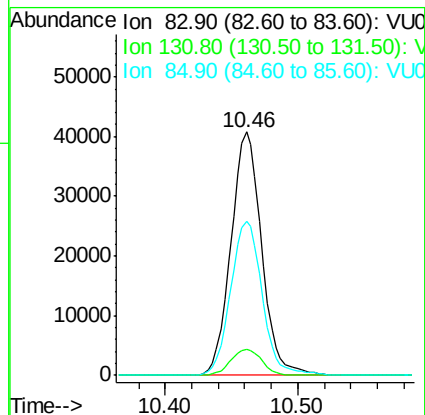
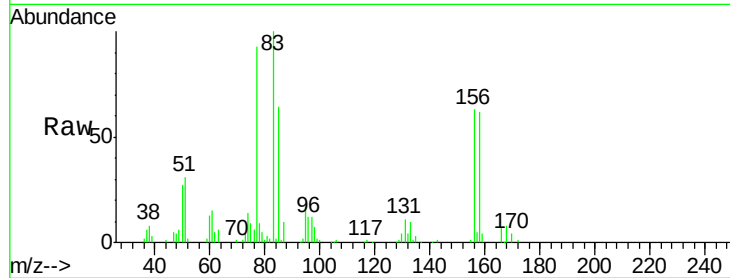
131 10.7 4.7 14.1

85 65.2 32.5 97.5

Manual Integrations
APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#76

1,2,3-Trichloropropane

Concen: 19.692 ug/l m

RT: 10.50 min Scan# 3081

Delta R.T. -0.00 min

Lab File: VU025254.D

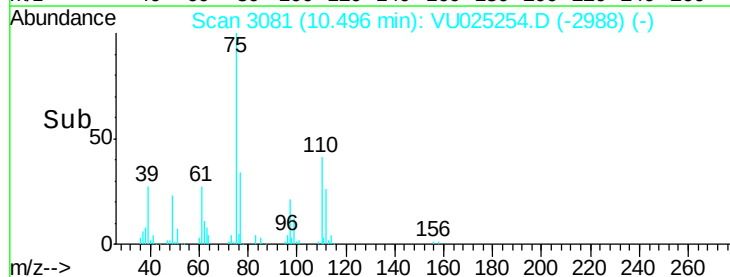
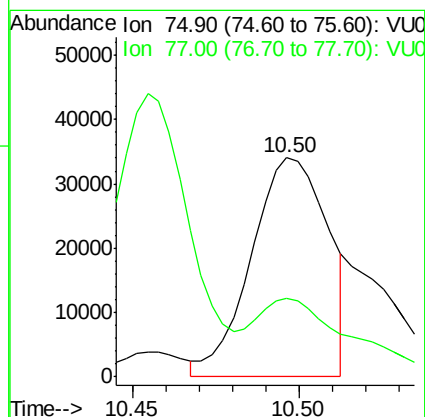
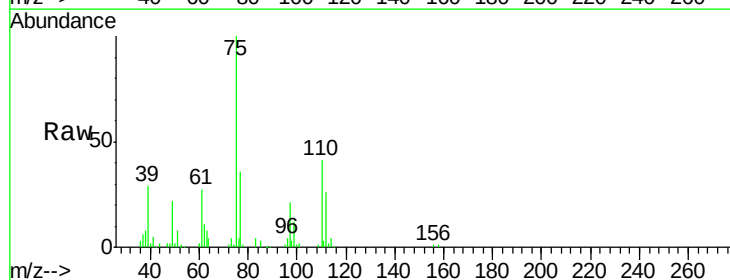
Acq: 06 Jul 2018 20:54

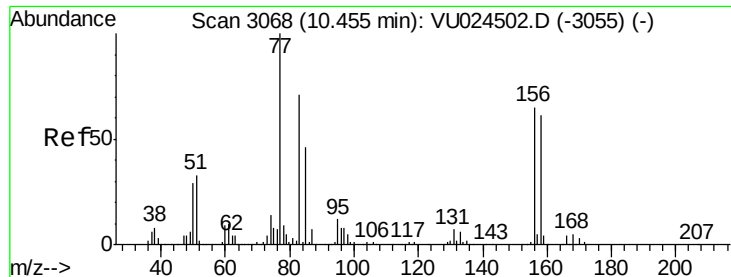
Tgt Ion: 75 Resp: 54662

Ion Ratio Lower Upper

75 100

77 44.1 20.9 62.7





#77

Bromobenzene

Concen: 19.222 ug/l

RT: 10.45 min Scan# 3068

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

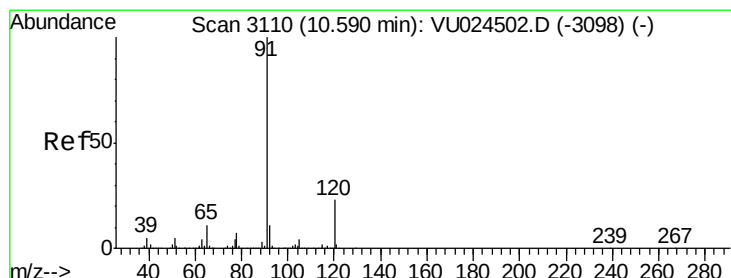
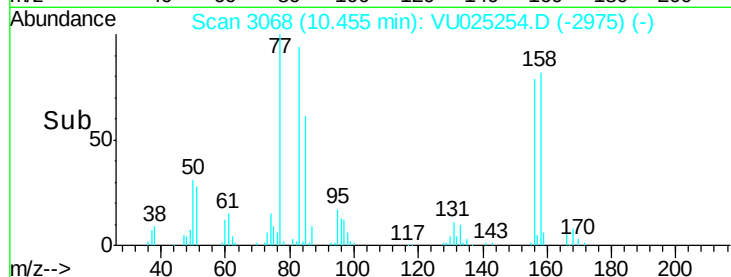
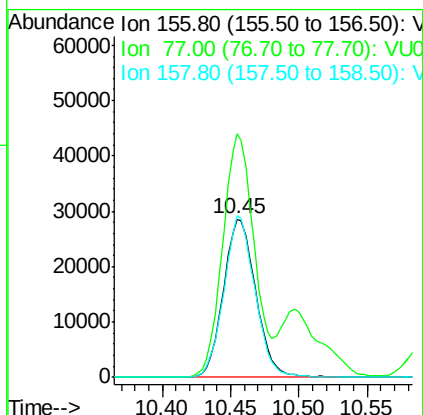
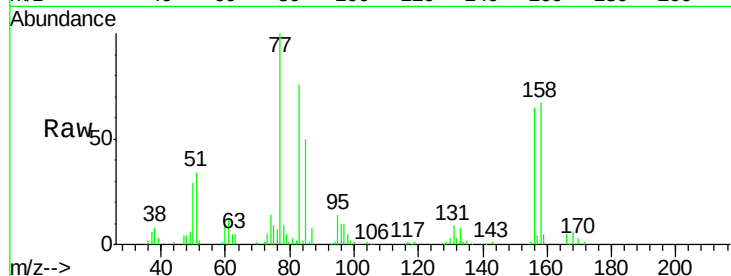
ClientSampleId :

VU0707WBS02

Tot Ion:	156	Resp:	47106
Ion Ratio	Lower	Upper	
156	100		
77	149.4	80.5	241.3
158	98.1	48.2	144.6

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM



#78

n-propylbenzene

Concen: 17.759 ug/l

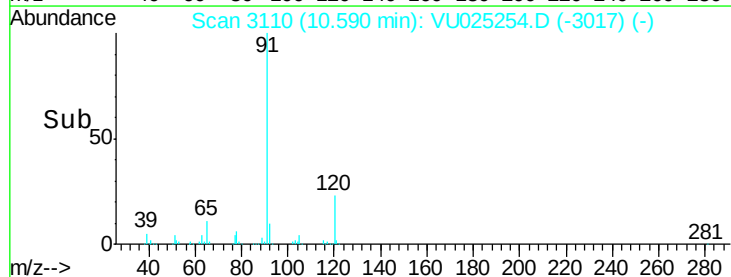
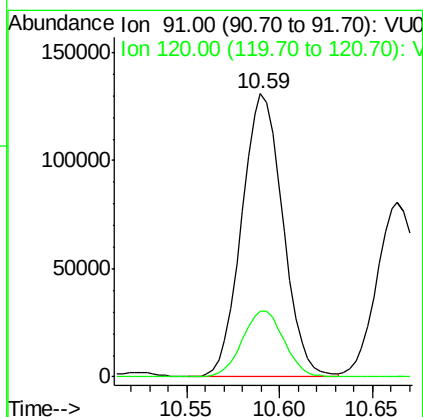
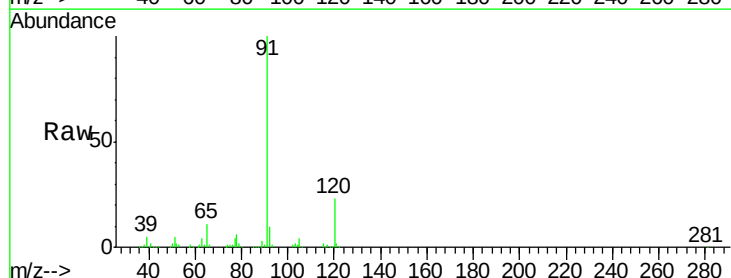
RT: 10.59 min Scan# 3110

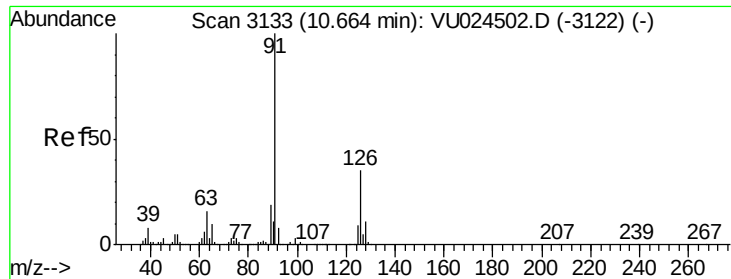
Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion:	91	Resp:	202497
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.2	33.5





#79

2-Chlorotoluene

Concen: 18.723 ug/l

RT: 10.66 min Scan# 3133

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion: 91 Resp: 125899

Ion Ratio Lower Upper

91 100

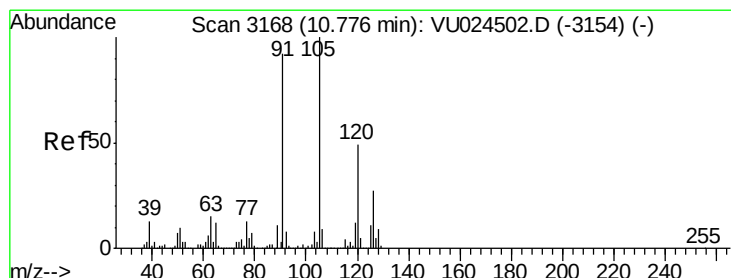
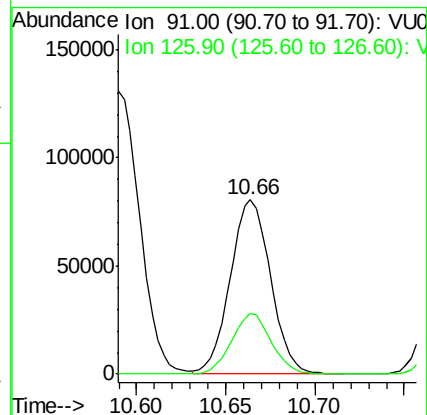
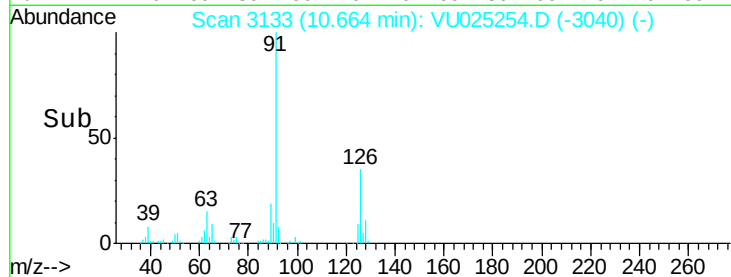
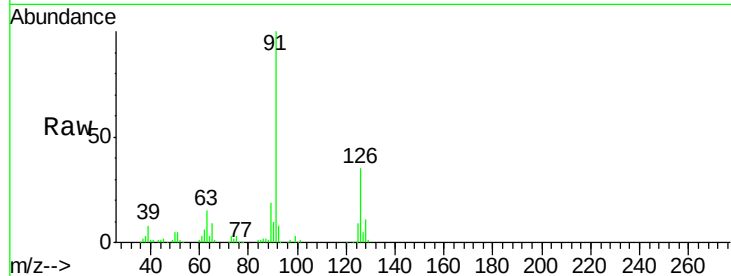
126 34.5 16.9 50.7

Manual Integrations

APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#80

1,3,5-Trimethylbenzene

Concen: 18.510 ug/l

RT: 10.78 min Scan# 3168

Delta R.T. -0.00 min

Lab File: VU025254.D

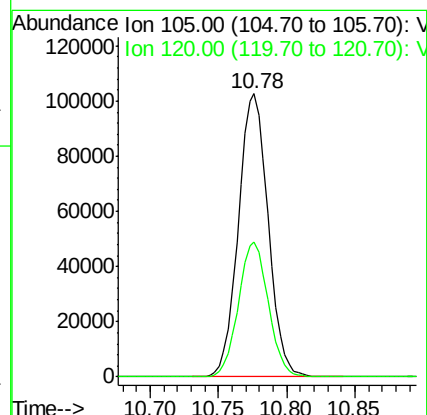
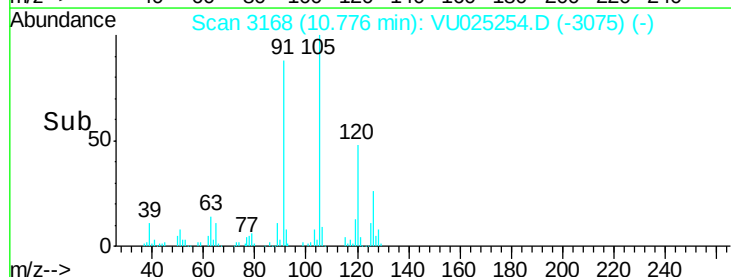
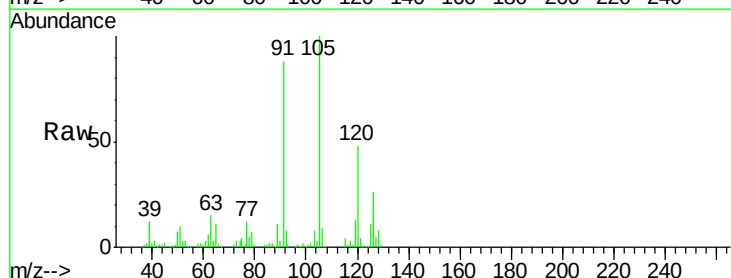
Acq: 06 Jul 2018 20:54

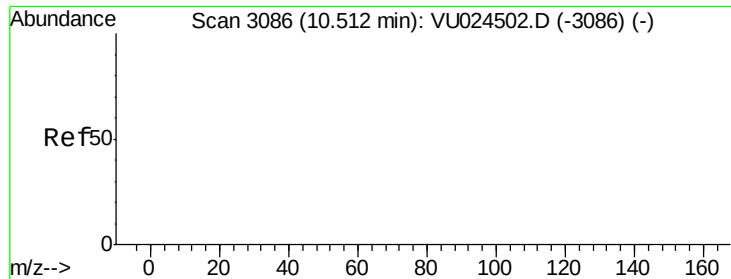
Tgt Ion: 105 Resp: 155294

Ion Ratio Lower Upper

105 100

120 47.7 24.1 72.2





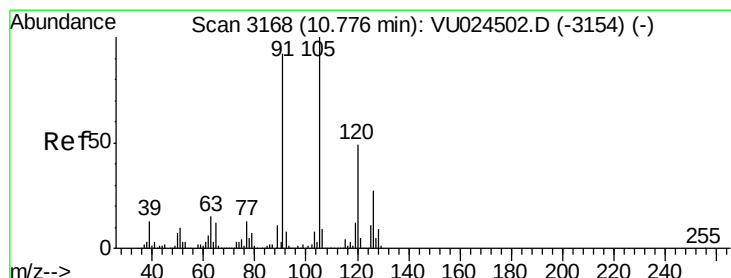
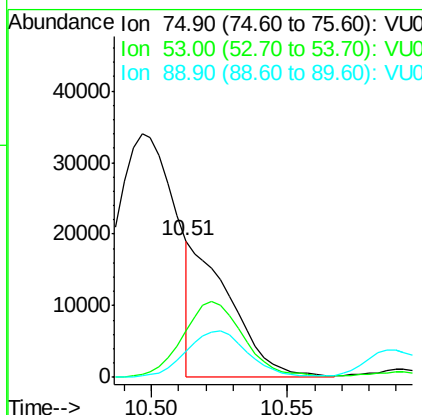
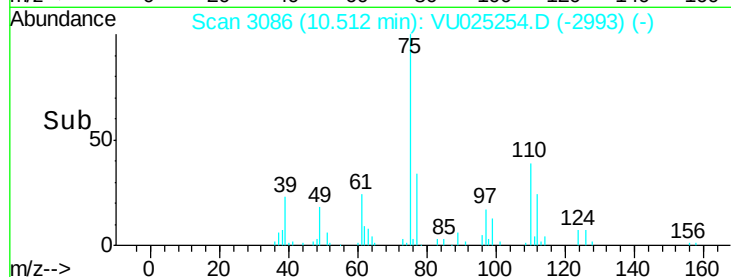
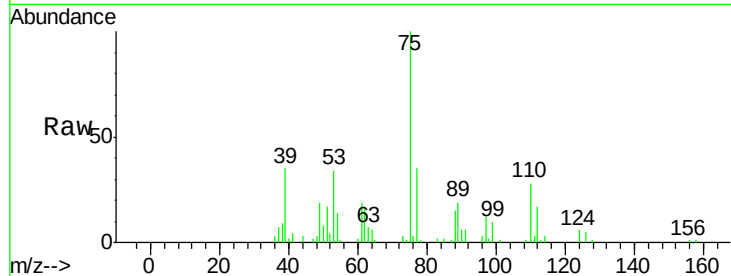
#81
trans-1,4-Dichloro-2-butene
Concen: 16.441 ug/l m
RT: 10.51 min Scan# 3086
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Instrument :
MSVOA_U
ClientSampleId :
VU0707WBS02

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

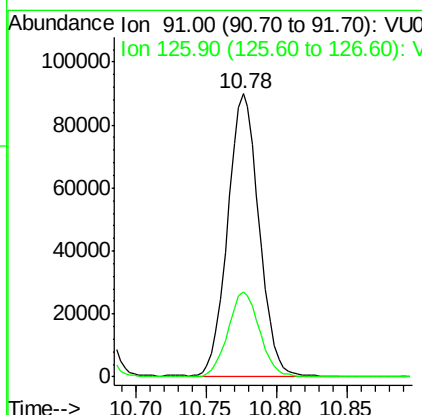
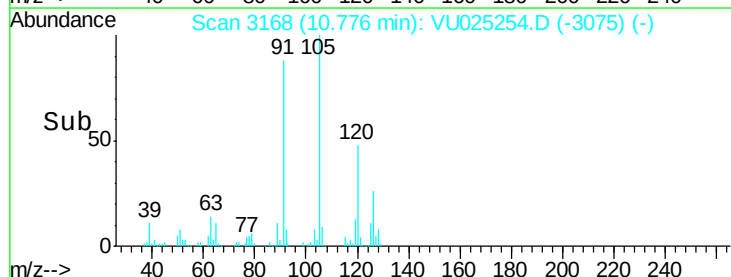
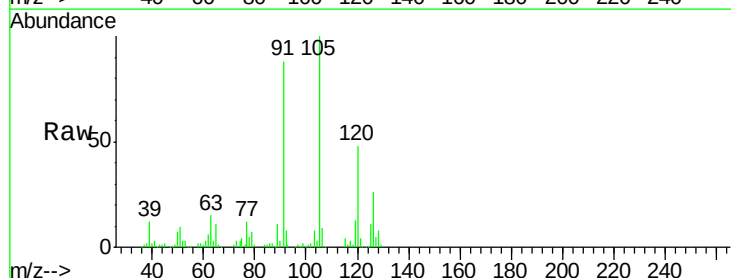
Manual Integrations
APPROVED

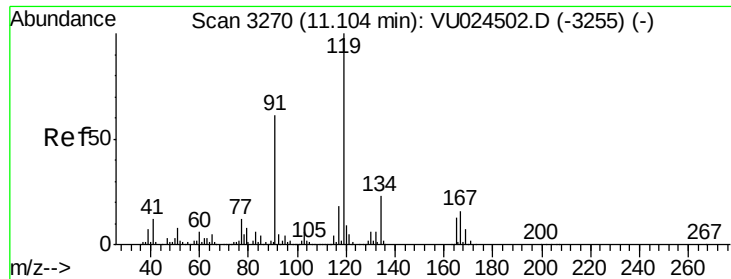
MMDadoda
7/9/2018 12:58:01 PM



#82
4-Chlorotoluene
Concen: 17.813 ug/l
RT: 10.78 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VU025254.D
Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	14.9	44.9





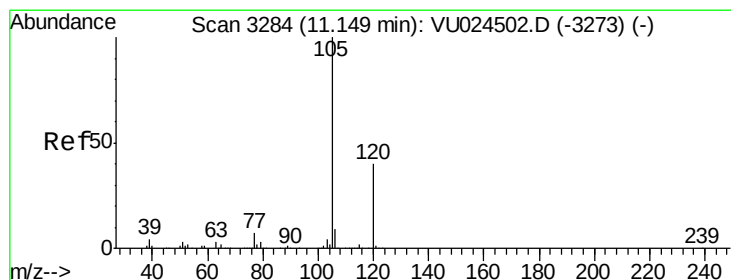
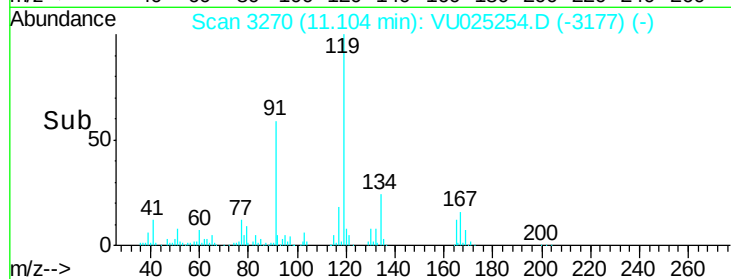
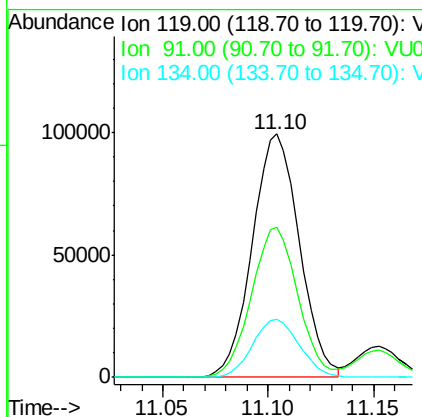
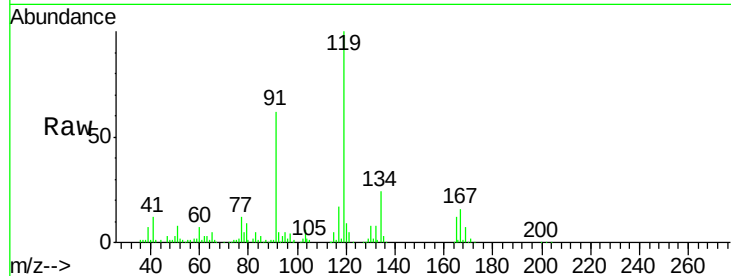
#83
 tert-Butylbenzene
 Concen: 19.156 ug/l
 RT: 11.10 min Scan# 3270
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Instrument :
 MSVOA_U
 ClientSampled :
 VU0707WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	154597		
91	60.9	29.7	89.1	
134	23.7	11.6	34.7	

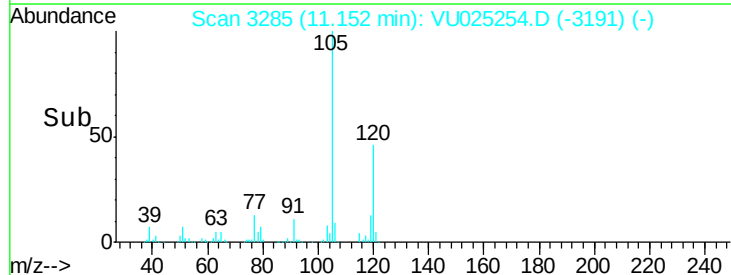
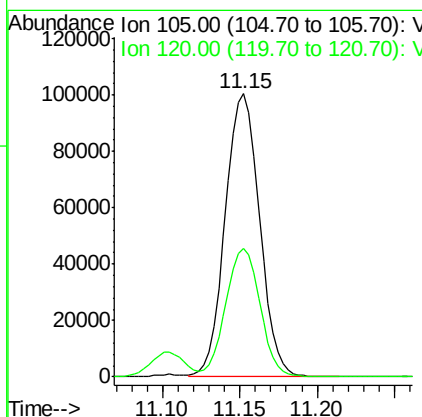
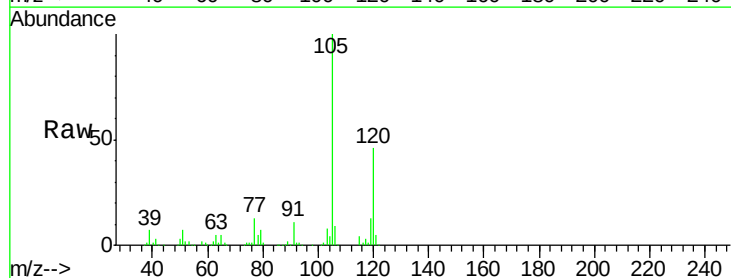
Manual Integrations
 APPROVED

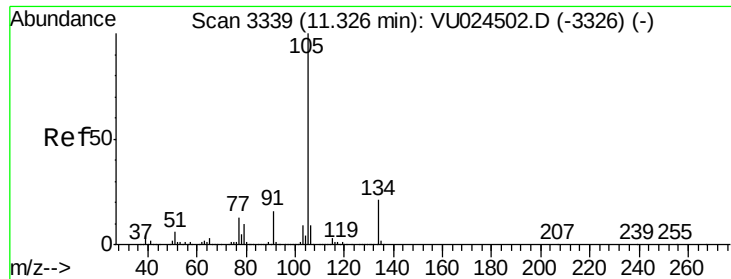
MMDadoda
 7/9/2018 12:58:01 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.052 ug/l
 RT: 11.15 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	154348		
120	45.6	22.6	67.8	





#85

sec-Butylbenzene

Concen: 18.028 ug/l

RT: 11.33 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

ClientSampleId :

VU0707WBS02

Tot Ion:105 Resp: 182123

Ion Ratio Lower Upper

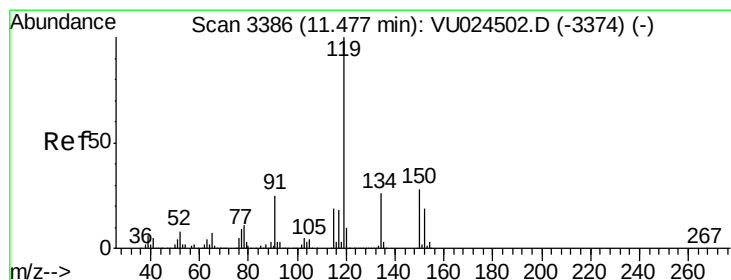
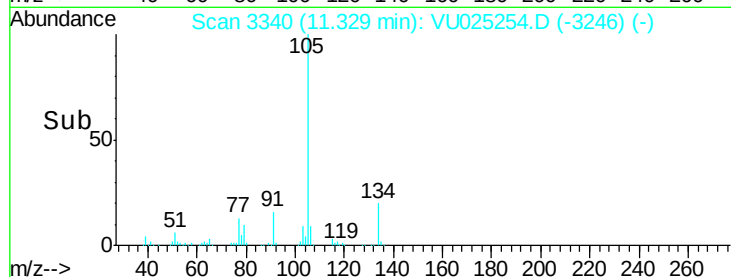
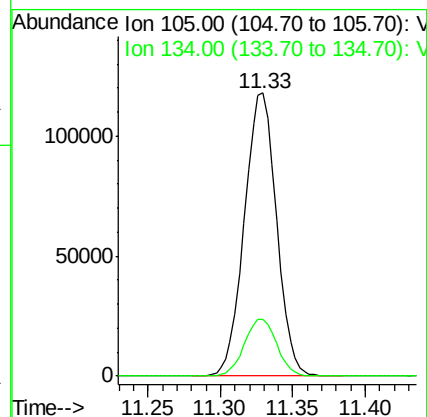
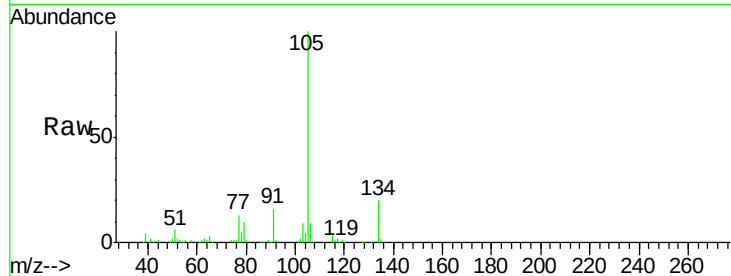
105 100

134 20.3 9.7 29.1

Manual Integrations
APPROVED

MMDadoda

7/9/2018 12:58:01 PM



#86

p-Isopropyltoluene

Concen: 17.487 ug/l

RT: 11.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

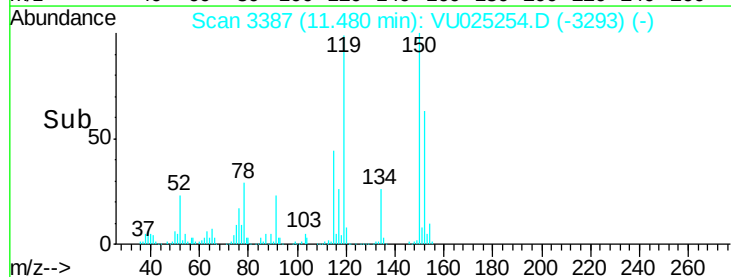
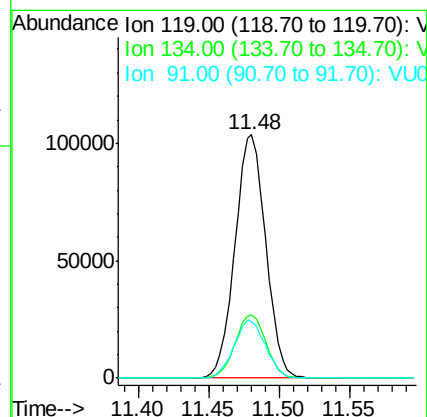
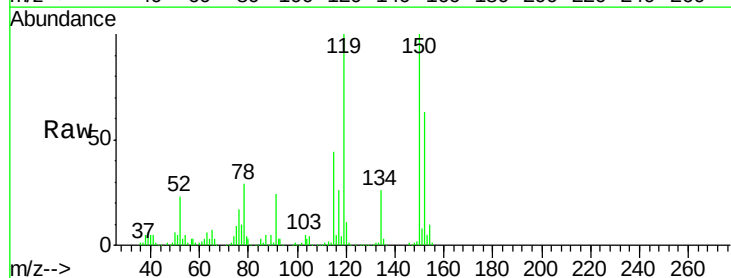
Tgt Ion:119 Resp: 158213

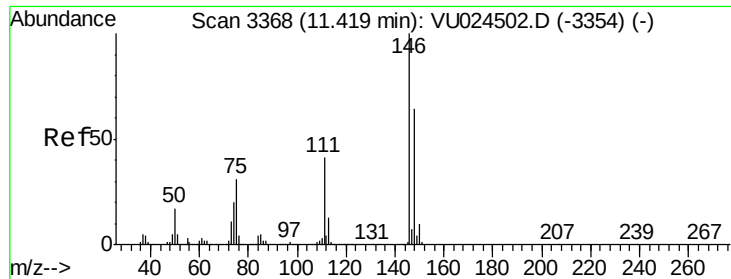
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 24.3 12.0 36.1





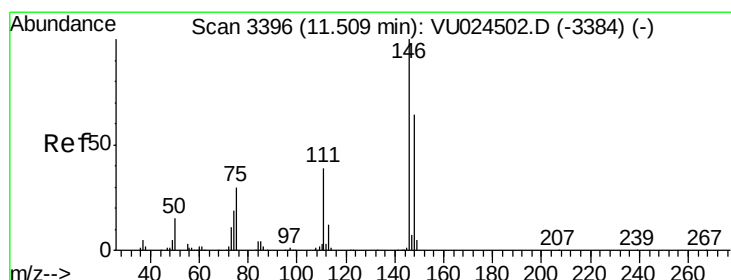
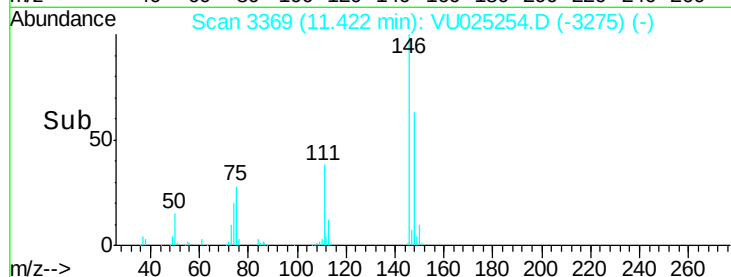
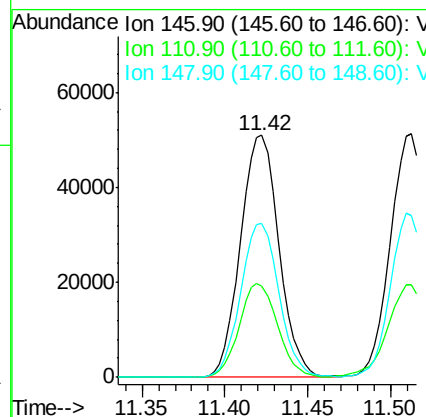
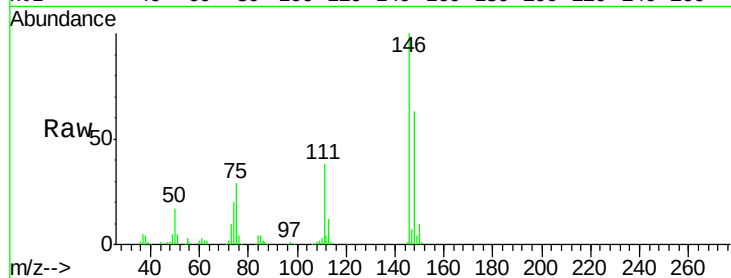
#87
 1,3-Dichlorobenzene
 Concen: 18.191 ug/l
 RT: 11.42 min Scan# 3369
 Delta R.T. 0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0707WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	60.0
148	63.4	32.1	96.5

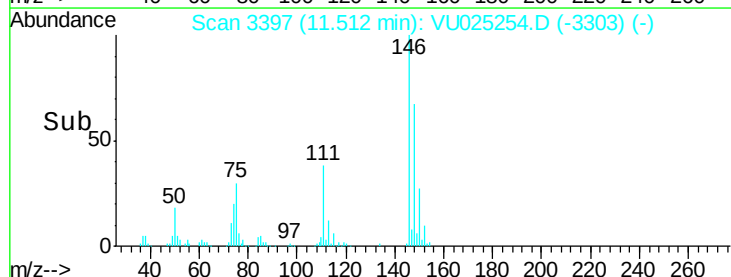
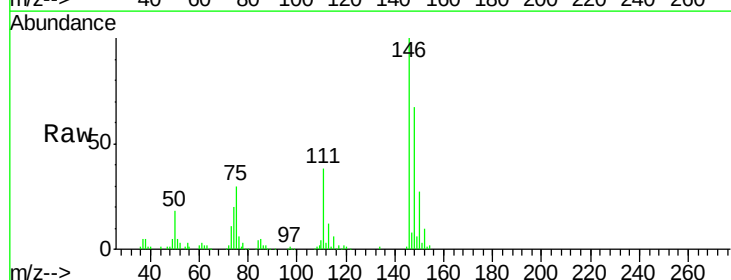
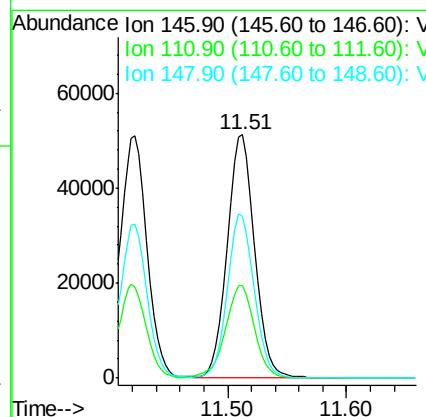
Manual Integrations
 APPROVED

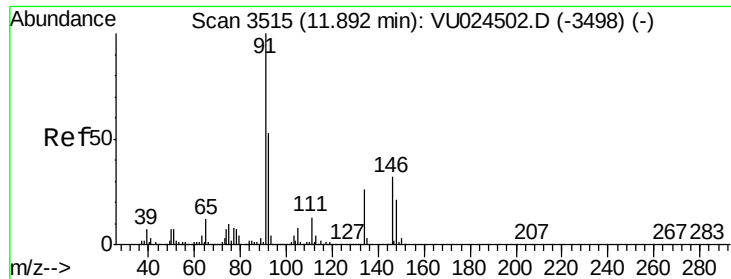
MMDadoda
 7/9/2018 12:58:01 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.998 ug/l
 RT: 11.51 min Scan# 3397
 Delta R.T. 0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.5	58.5
148	66.1	32.4	97.0





#89

n-Butylbenzene

Concen: 14.774 ug/l

RT: 11.89 min Scan# 3515

Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

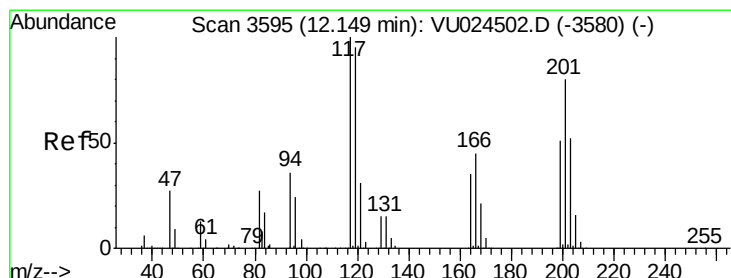
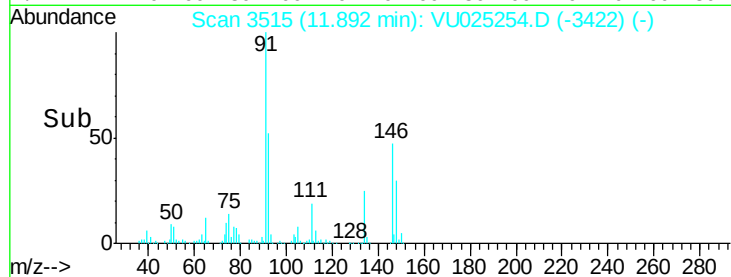
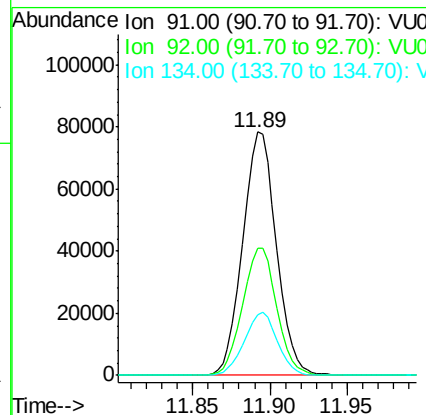
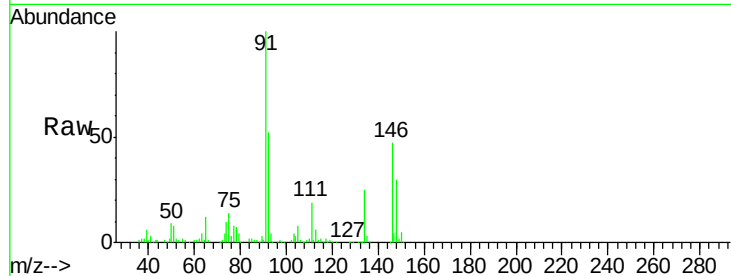
ClientSampled :

VU0707WBS02

Tot Ion:	91	Resp:	118671
Ion Ratio	Lower	Upper	
91	100		
92	53.1	25.6	76.8
134	25.5	12.3	36.8

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM



#90

Hexachloroethane

Concen: 14.861 ug/l

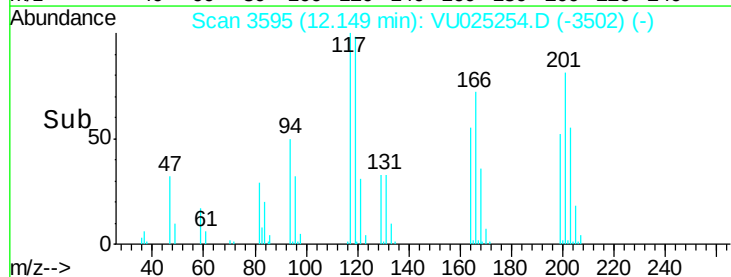
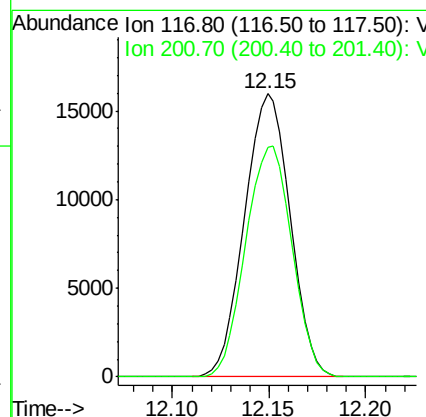
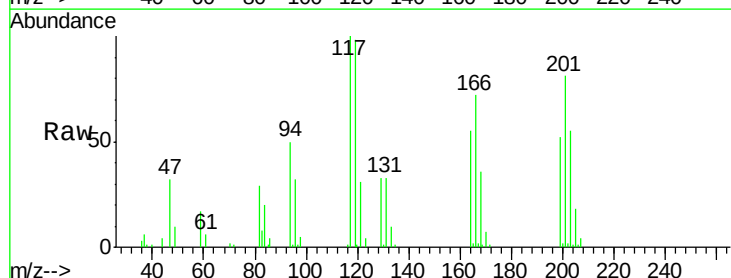
RT: 12.15 min Scan# 3595

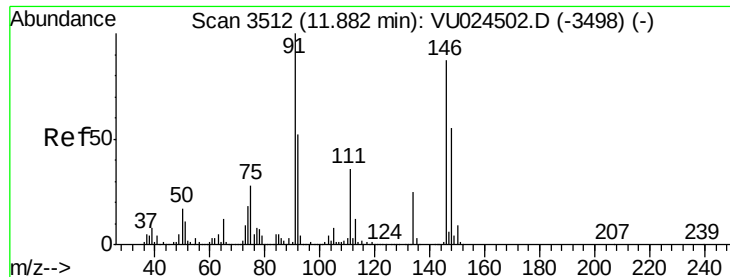
Delta R.T. -0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion:	117	Resp:	26230
Ion Ratio	Lower	Upper	
117	100		
201	82.5	41.1	123.3





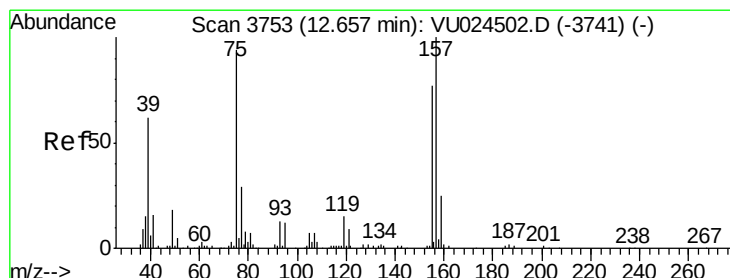
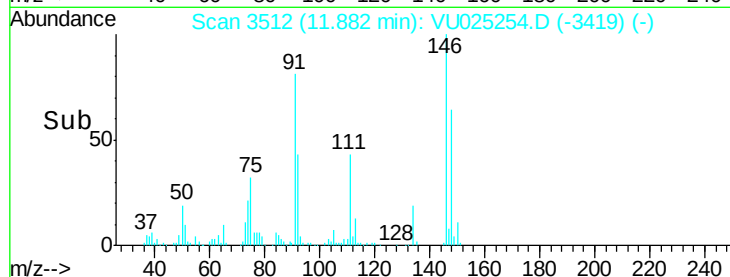
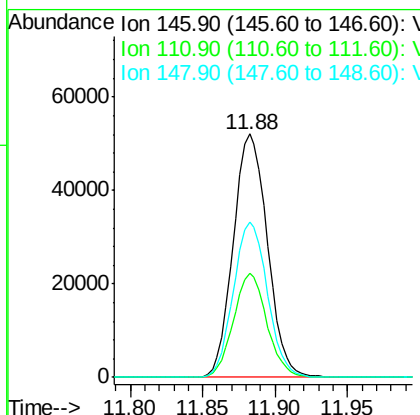
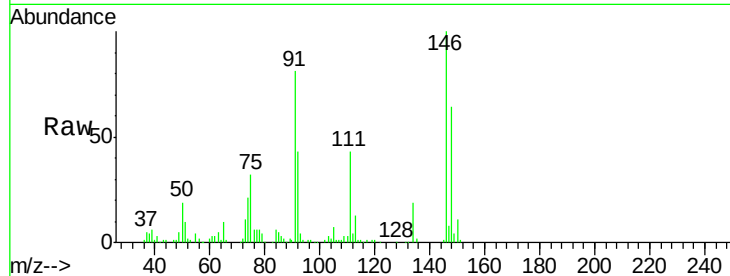
#91
 1,2-Dichlorobenzene
 Concen: 18.828 ug/l
 RT: 11.88 min Scan# 3512
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0707WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.5	61.6
148	63.5	31.9	95.7

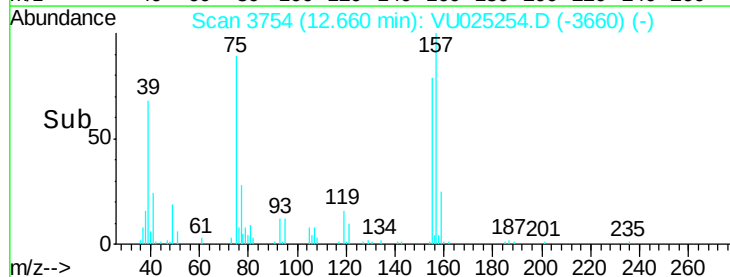
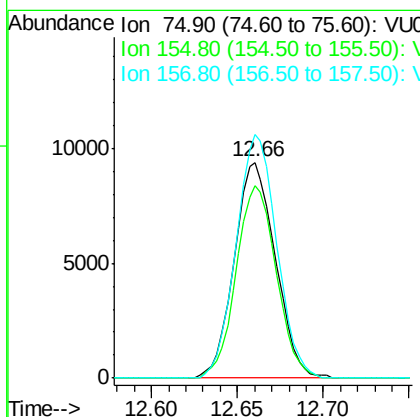
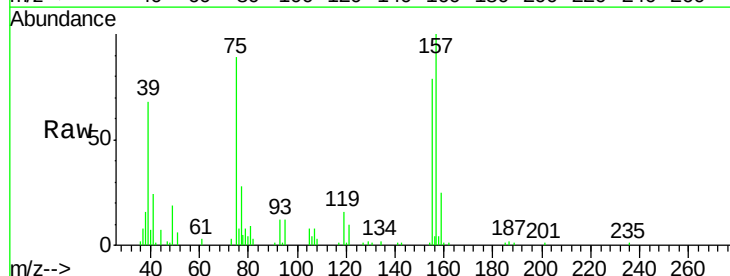
Manual Integrations
 APPROVED

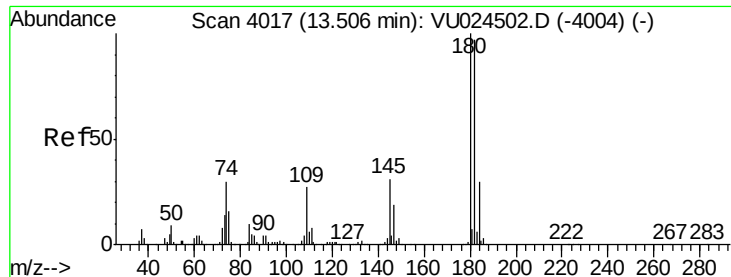
MMDadoda
 7/9/2018 12:58:01 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.510 ug/l
 RT: 12.66 min Scan# 3754
 Delta R.T. 0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.8	40.4	121.2
157	111.1	52.3	156.8





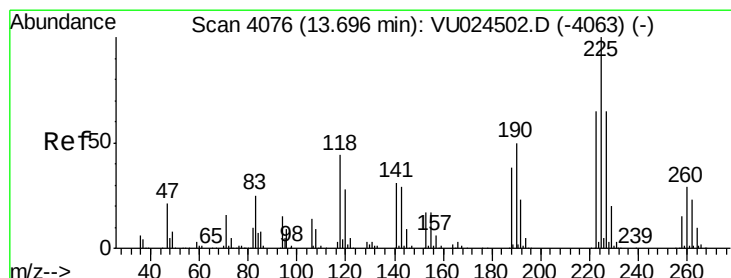
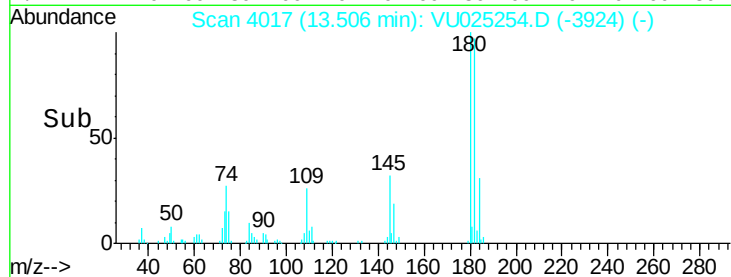
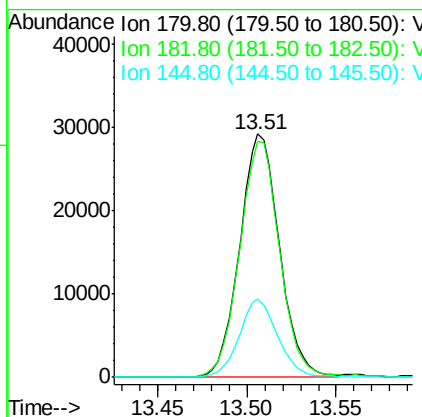
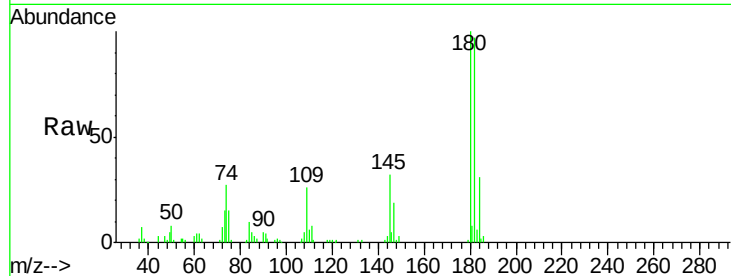
#93
 1,2,4-Trichlorobenzene
 Concen: 16.277 ug/l
 RT: 13.51 min Scan# 4017
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0707WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	45580		
182	98.0	48.0	144.2	
145	31.1	14.7	44.1	

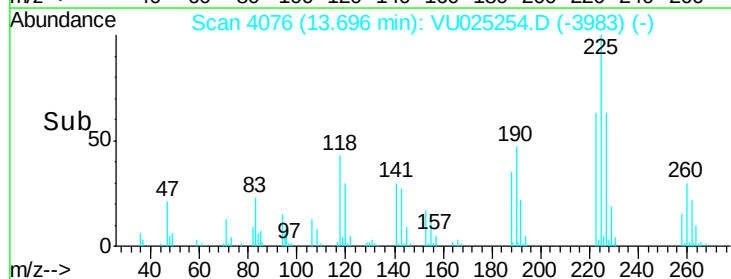
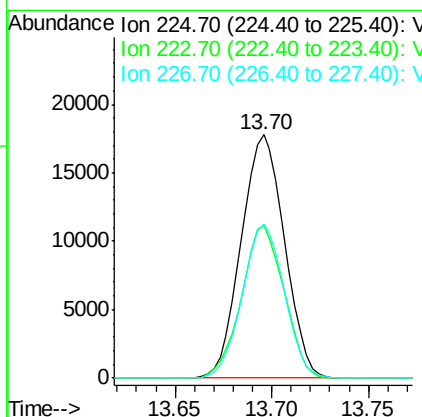
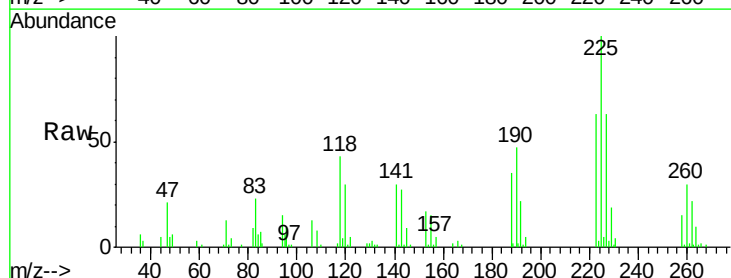
Manual Integrations
 APPROVED

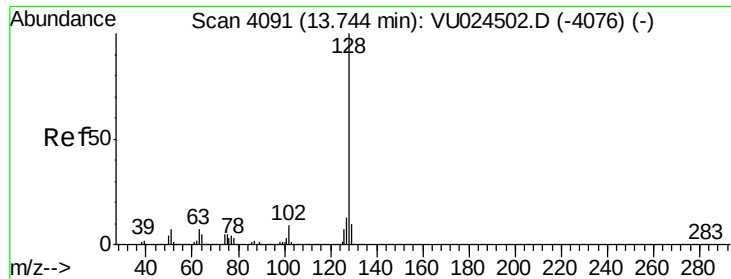
MMDadoda
 7/9/2018 12:58:01 PM



#94
 Hexachlorobutadiene
 Concen: 17.624 ug/l
 RT: 13.70 min Scan# 4076
 Delta R.T. -0.00 min
 Lab File: VU025254.D
 Acq: 06 Jul 2018 20:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	27779		
223	61.4	31.3	93.8	
227	61.1	31.8	95.4	





#95

Naphthalene

Concen: 17.261 ug/l

RT: 13.75 min Scan# 4092

Delta R.T. 0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Instrument :

MSVOA_U

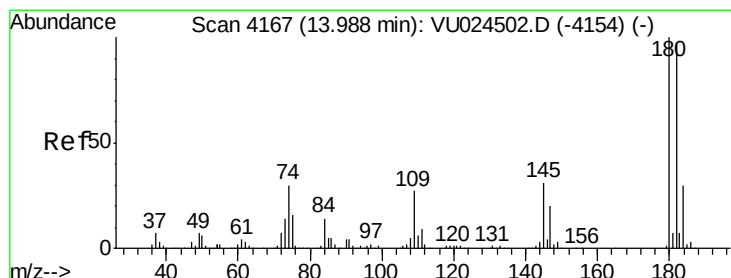
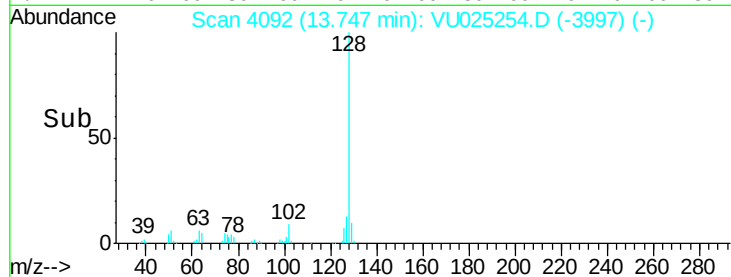
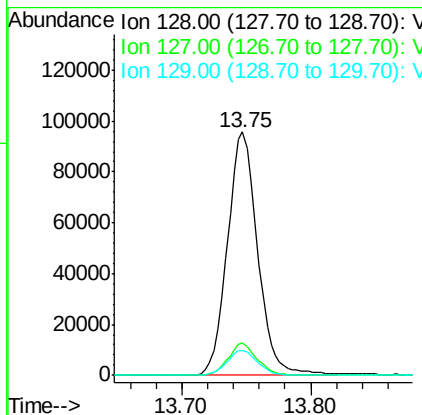
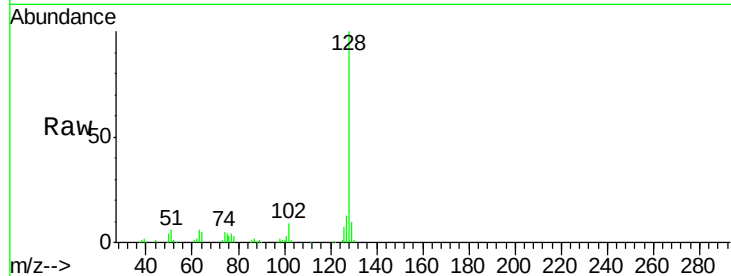
ClientSampleId :

VU0707WBS02

Tot Ion:	128	Resp:	155843
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.6	16.0
129	10.5	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
7/9/2018 12:58:01 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.196 ug/l

RT: 13.99 min Scan# 4168

Delta R.T. 0.00 min

Lab File: VU025254.D

Acq: 06 Jul 2018 20:54

Tgt Ion:	180	Resp:	50774
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.9	143.7
145	32.6	15.4	46.1

