

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027462.D
 Acq On : 05 Oct 2018 18:46
 Operator : MD/SY
 Sample : VU1006WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:05:19 PM

Quant Time: Oct 06 01:22:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	119431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	208012	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	196177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	99841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	91077	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	
35) Dibromofluoromethane	4.89	113	65592	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	7.57	98	250653	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	10.31	95	95149	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	31107	18.066	ug/l	98
3) Chloromethane	1.33	50	39440	16.919	ug/l	99
4) Vinyl Chloride	1.40	62	38692	17.657	ug/l	99
5) Bromomethane	1.63	94	22045	23.249	ug/l	97
6) Chloroethane	1.70	64	22958	17.435	ug/l	99
7) Trichlorofluoromethane	1.89	101	40447	18.191	ug/l	98
8) Diethyl Ether	2.11	74	17953	17.528	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	23670	18.331	ug/l	97
10) Methyl Iodide	2.41	142	17721	21.400	ug/l	99
11) Tert butyl alcohol	2.83	59	38195	90.948	ug/l	98
12) 1,1-Dichloroethene	2.28	96	22112	17.528	ug/l	95
13) Acrolein	2.20	56	13977	39.663	ug/l	96
14) Allyl chloride	2.59	41	51519	17.197	ug/l	98
15) Acrylonitrile	2.94	53	103879	95.036	ug/l	97
16) Acetone	2.32	43	93452	79.321	ug/l	97
17) Carbon Disulfide	2.48	76	69976	15.380	ug/l	100
18) Methyl Acetate	2.62	43	54273	20.193	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	92947	18.388	ug/l	98
20) Methylene Chloride	2.70	84	30007	18.285	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	25996	18.354	ug/l	96
22) Diisopropyl ether	3.58	45	114034	18.728	ug/l	94
23) Vinyl Acetate	3.53	43	474600	89.253	ug/l	100
24) 1,1-Dichloroethane	3.45	63	58544	18.703	ug/l	99
25) 2-Butanone	4.27	43	147484	91.799	ug/l	100
26) 2,2-Dichloropropane	4.23	77	43374	16.864	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	29835	18.420	ug/l	100
28) Bromochloromethane	4.55	49	33139	21.944	ug/l	100
29) Tetrahydrofuran	4.64	42	93821	92.663	ug/l	98
30) Chloroform	4.68	83	52466	18.865	ug/l	98
31) Cyclohexane	5.00	56	55209	17.104	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	43031	18.372	ug/l	100
36) 1,1-Dichloropropene	5.14	75	38693	17.132	ug/l	98
37) Ethyl Acetate	4.39	43	53750	18.414	ug/l	99
38) Carbon Tetrachloride	5.14	117	35983	17.637	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	44736	16.945	ug/l	98
40) Benzene	5.39	78	117519	17.863	ug/l	98
41) Methacrylonitrile	4.55	41	29568	17.922	ug/l	99
42) 1,2-Dichloroethane	5.41	62	45044	18.445	ug/l	100
43) Isopropyl Acetate	5.55	43	82423	18.181	ug/l	99
44) Trichloroethene	6.19	130	26816	18.280	ug/l	98
45) 1,2-Dichloropropane	6.44	63	34630	18.250	ug/l	97
46) Dibromomethane	6.56	93	19575	18.265	ug/l	98
47) Bromodichloromethane	6.76	83	39688	17.847	ug/l	100
48) Methyl methacrylate	6.63	41	40189	17.827	ug/l	98
49) 1,4-Dioxane	6.62	88	13929	359.097	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	271969	92.322	ug/l	100
52) Toluene	7.64	92	71061	18.249	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	46923	17.996	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	50421	17.988	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	28763	18.630	ug/l	98
56) Ethyl methacrylate	8.02	69	46389	17.249	ug/l	99
57) 1,3-Dichloropropane	8.24	76	54467	18.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	137951	90.398	ug/l	99
59) 2-Hexanone	8.36	43	208286	91.146	ug/l	100
60) Dibromochloromethane	8.48	129	28096	18.145	ug/l	99
61) 1,2-Dibromoethane	8.59	107	29752	18.125	ug/l	100
64) Tetrachloroethene	8.23	164	22696	18.584	ug/l	98
65) Chlorobenzene	9.12	112	75442	18.270	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	25332	17.770	ug/l	98
67) Ethyl Benzene	9.25	91	132008	18.043	ug/l	100
68) m/p-Xylenes	9.38	106	98202	36.696	ug/l	100
69) o-Xylene	9.78	106	46183	18.160	ug/l	100
70) Styrene	9.79	104	77590	17.871	ug/l	99
71) Bromoform	9.96	173	19914	17.363	ug/l #	100
73) Isopropylbenzene	10.17	105	128425	17.711	ug/l	99
74) N-amyl acetate	10.02	43	69653	16.779	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	49936	17.538	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	44574m	17.223	ug/l	
77) Bromobenzene	10.46	156	30179	17.908	ug/l	96
78) n-propylbenzene	10.59	91	157100	18.030	ug/l	100
79) 2-Chlorotoluene	10.66	91	91983	17.484	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	107079	18.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	17022m	17.213	ug/l	
82) 4-Chlorotoluene	10.77	91	107595	18.022	ug/l	99
83) tert-Butylbenzene	11.10	119	100864	17.673	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	109016	18.077	ug/l	100
85) sec-Butylbenzene	11.32	105	130877	18.200	ug/l	99
86) p-Isopropyltoluene	11.48	119	112876	18.333	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	57363	17.976	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	58633	17.981	ug/l	97
89) n-Butylbenzene	11.89	91	109421	18.044	ug/l	100
90) Hexachloroethane	12.15	117	18894	16.280	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	56139	18.074	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10655	16.885	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	39813	19.809	ug/l	99
94) Hexachlorobutadiene	13.69	225	18497	18.215	ug/l	99
95) Naphthalene	13.74	128	130591	18.386	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	40069	19.136	ug/l	99

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

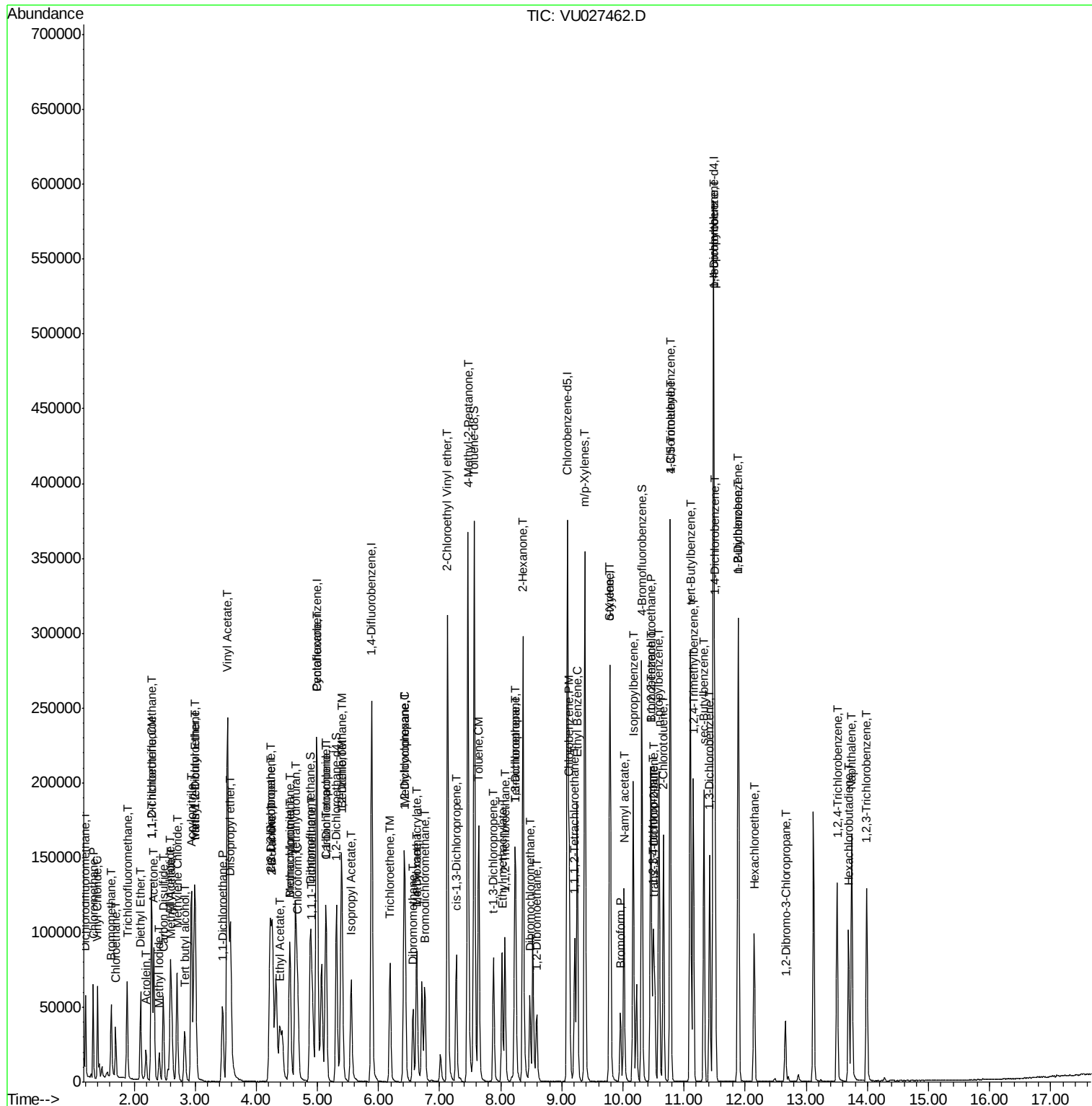
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Data File : VU027462.D
Acq On : 05 Oct 2018 18:46
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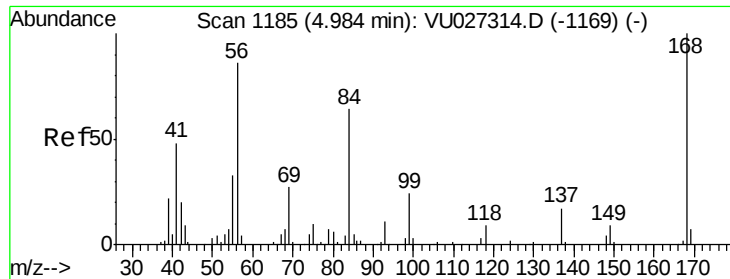
Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion:168 Resp: 119431

Ion Ratio Lower Upper

168 100

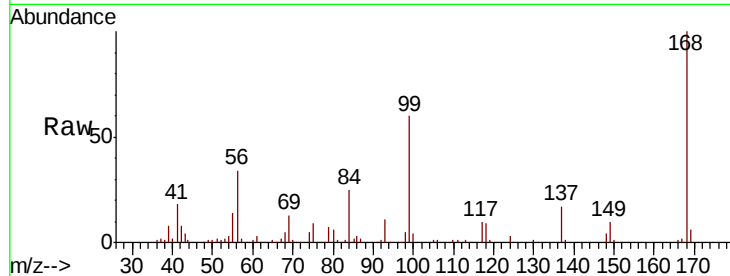
99 59.5 50.8 76.2

Manual Integrations

APPROVED

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Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

60000

50000

40000

30000

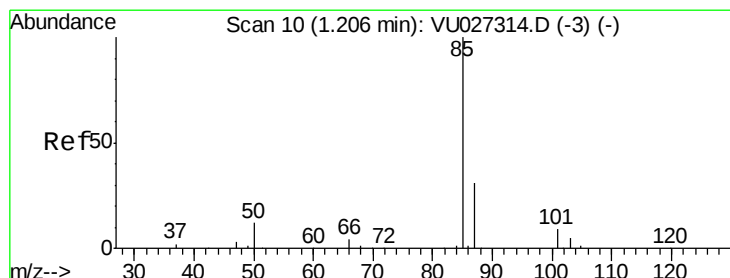
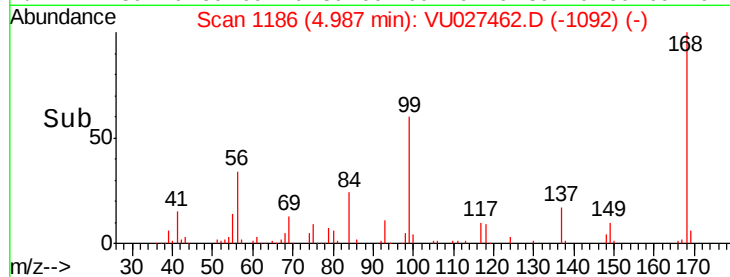
20000

10000

0

4.90 5.00 5.10

Time-->



#2

Dichlorodifluoromethane

Concen: 18.066 ug/l

RT: 1.21 min Scan# 10

Delta R.T. 0.00 min

Lab File: VU027462.D

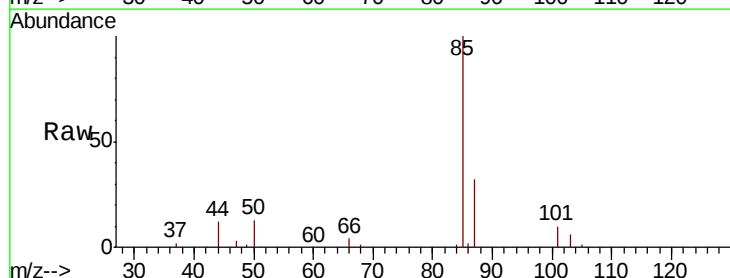
Acq: 05 Oct 2018 18:46

Tgt Ion: 85 Resp: 31107

Ion Ratio Lower Upper

85 100

87 32.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VU027314.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VU027314.D (-3) (-)

1.21

30000

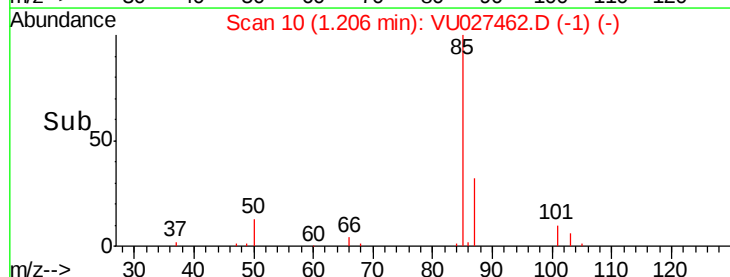
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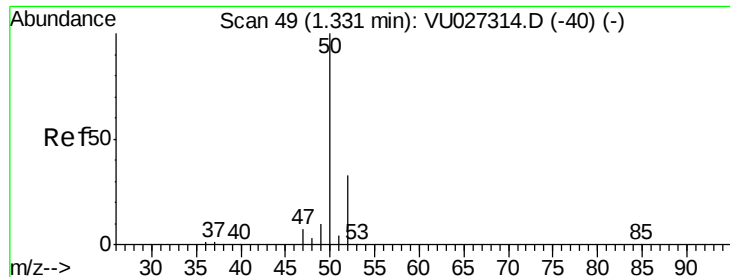
10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 16.919 ug/l

RT: 1.33 min Scan# 48

Delta R.T. -0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion: 50 Resp: 39440

Ion Ratio Lower Upper

50 100

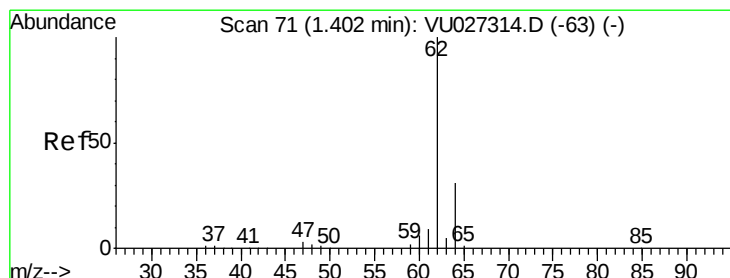
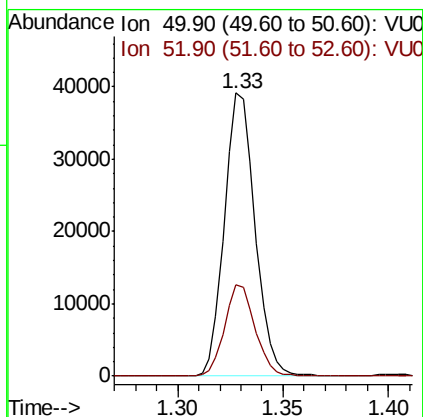
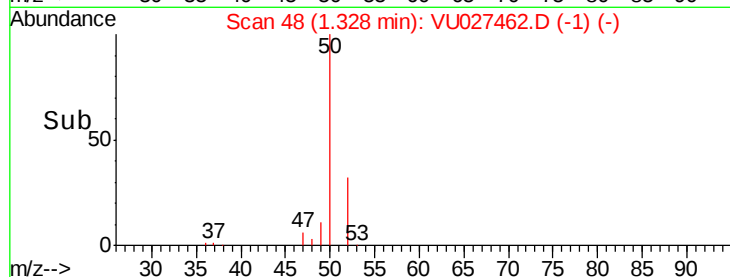
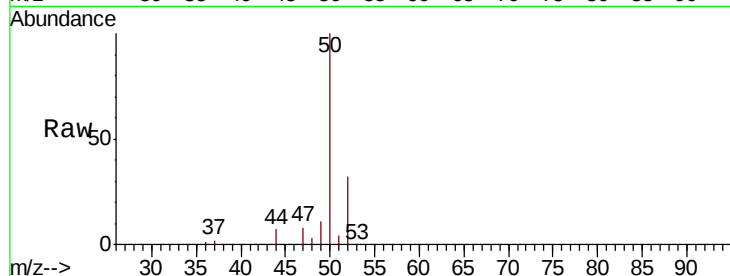
52 32.3 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.657 ug/l

RT: 1.40 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU027462.D

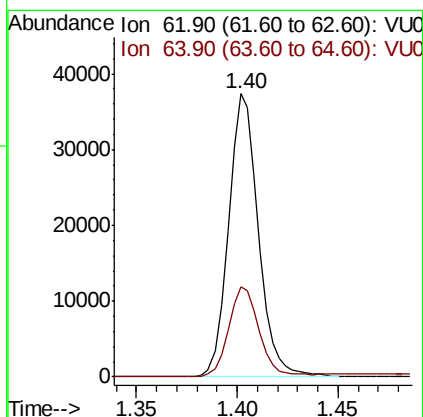
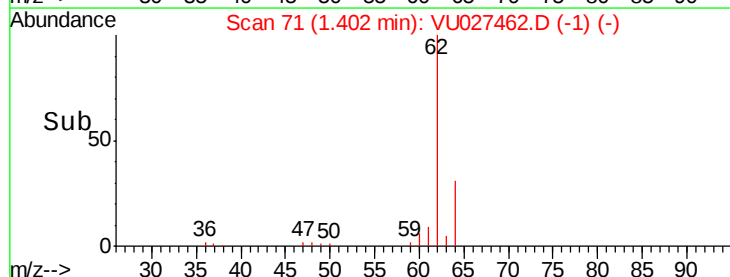
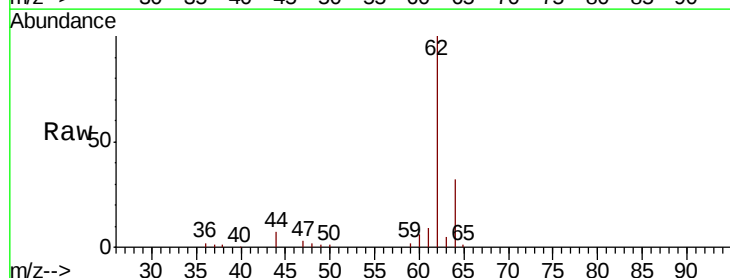
Acq: 05 Oct 2018 18:46

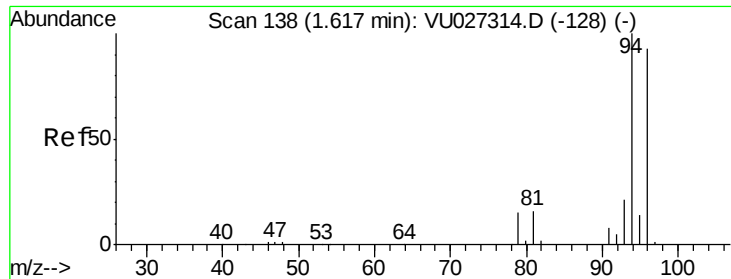
Tgt Ion: 62 Resp: 38692

Ion Ratio Lower Upper

62 100

64 31.6 24.9 37.3





#5

Bromomethane

Concen: 23.249 ug/l

RT: 1.63 min Scan# 141

Delta R.T. 0.01 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion: 94 Resp: 22045

Ion Ratio Lower Upper

94 100

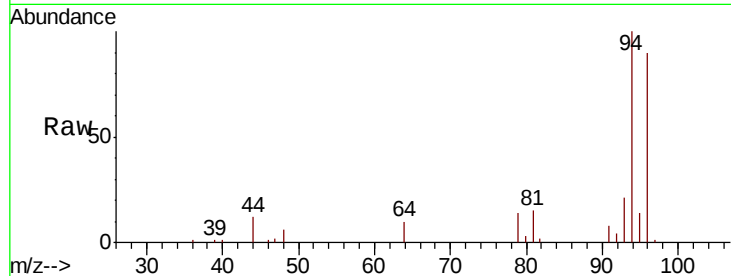
96 89.9 74.6 111.8

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VU0

Ion 95.90 (95.60 to 96.60): VU0

20000

15000

10000

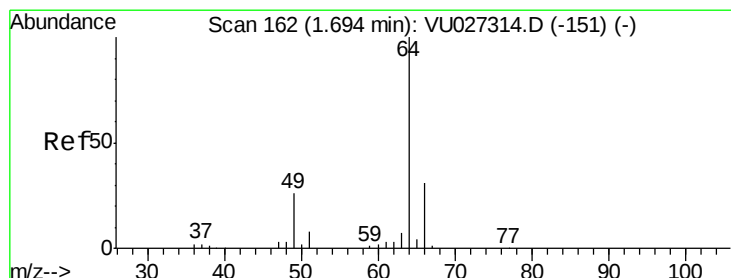
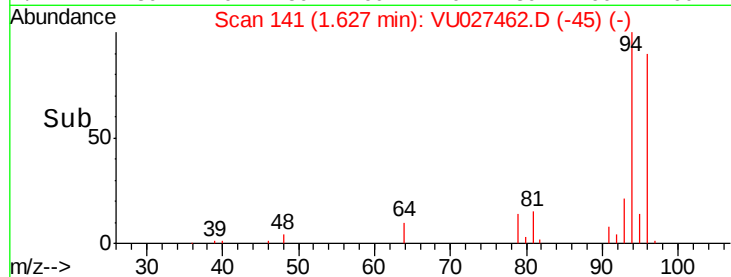
5000

0

1.63

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 17.435 ug/l

RT: 1.70 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU027462.D

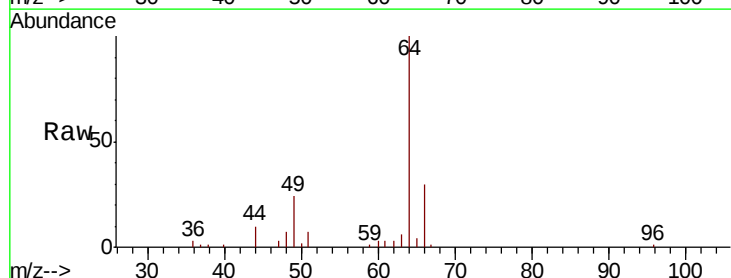
Acq: 05 Oct 2018 18:46

Tgt Ion: 64 Resp: 22958

Ion Ratio Lower Upper

64 100

66 31.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VU0

Ion 65.90 (65.60 to 66.60): VU0

20000

15000

10000

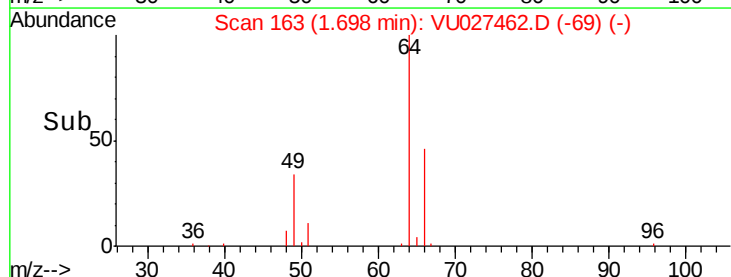
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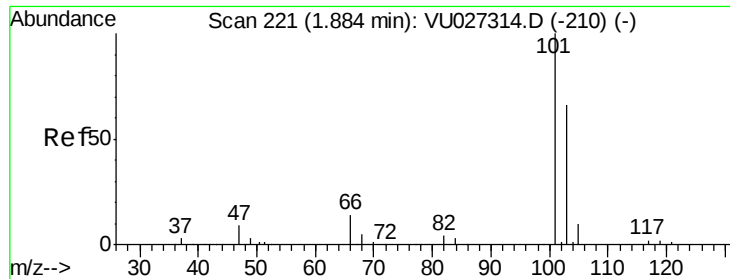
0

1.70

1.65 1.70 1.75

Time-->





#7

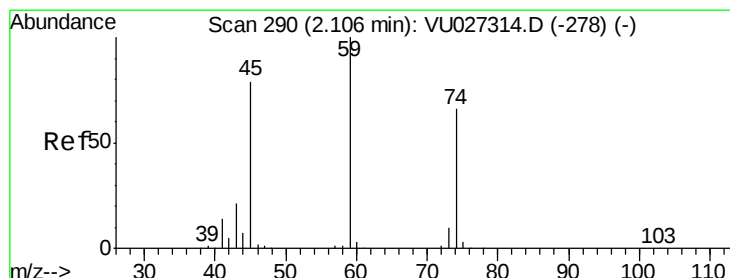
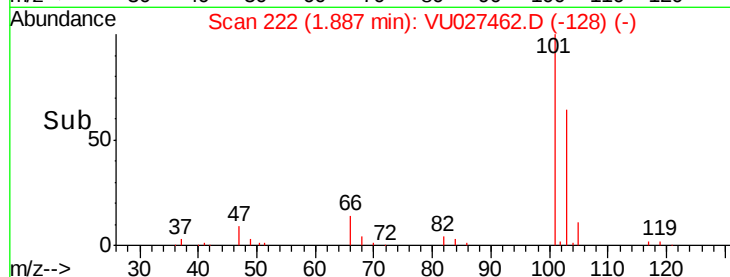
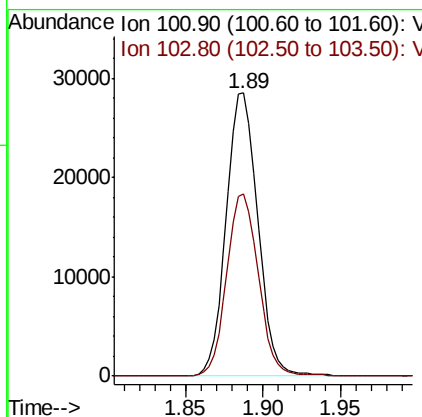
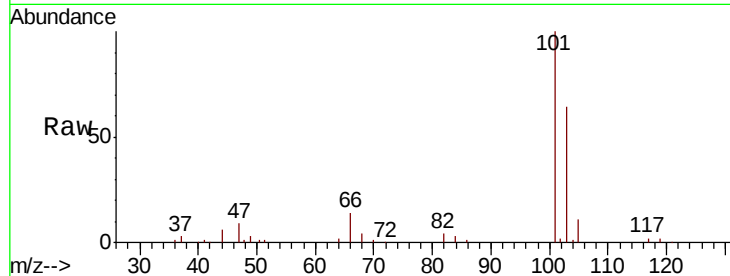
Trichlorofluoromethane
Concen: 18.191 ug/l
RT: 1.89 min Scan# 222
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

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VU1006WBSD01

Tot Ion:101 Resp: 40447
Ion Ratio Lower Upper
101 100
103 64.4 52.6 78.8

Manual Integrations
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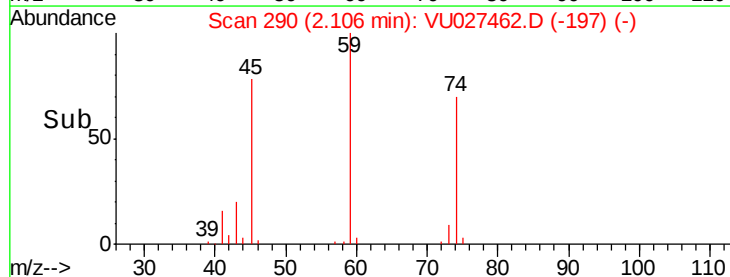
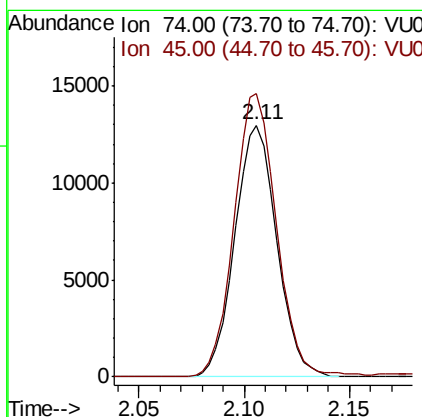
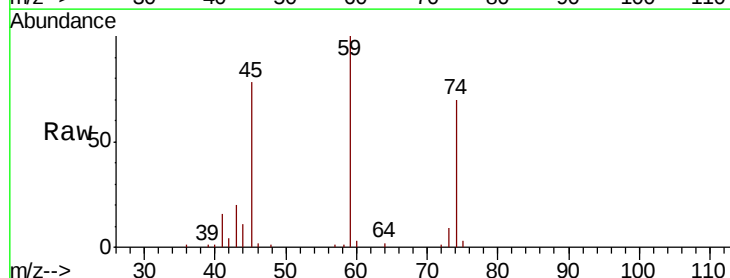
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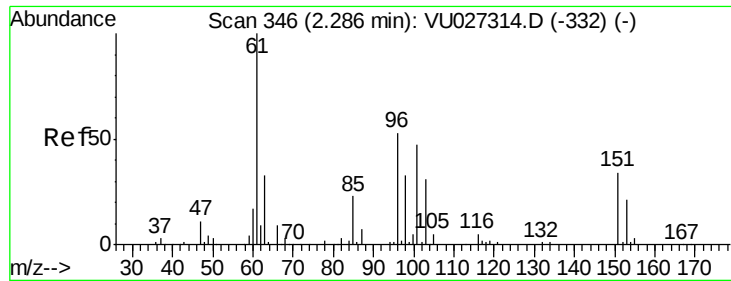


#8

Diethyl Ether
Concen: 17.528 ug/l
RT: 2.11 min Scan# 290
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion: 74 Resp: 17953
Ion Ratio Lower Upper
74 100
45 113.9 60.4 181.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.331 ug/l

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

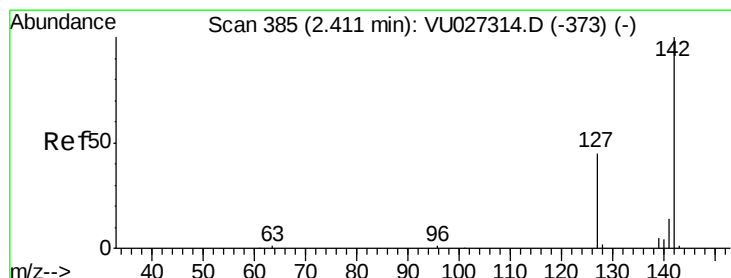
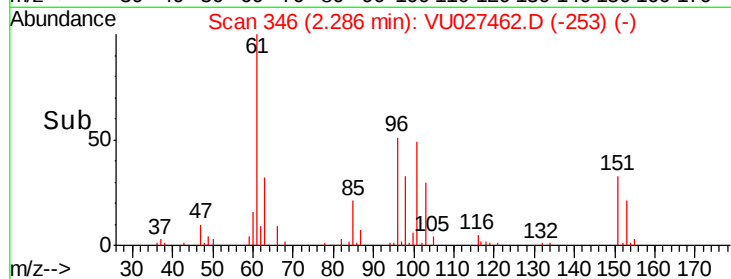
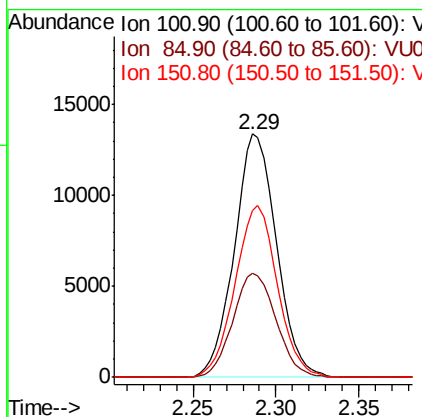
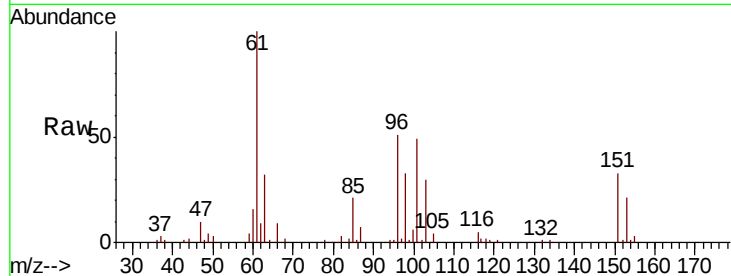
ClientSampleId :

VU1006WBSD01

Tot Ion:	101	Resp:	23670
Ion Ratio	Lower	Upper	
101	100		
85	43.8	37.5	56.3
151	70.9	55.6	83.4

Manual Integrations
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#10

Methyl Iodide

Concen: 21.400 ug/l

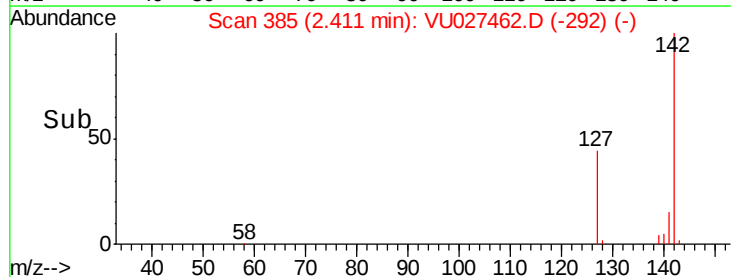
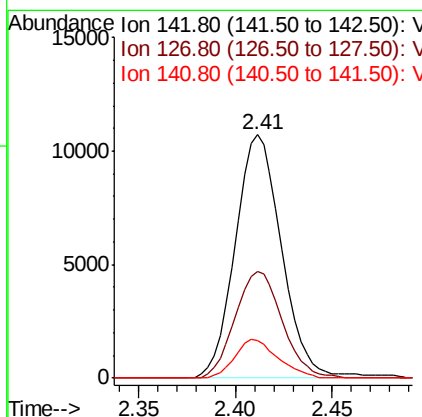
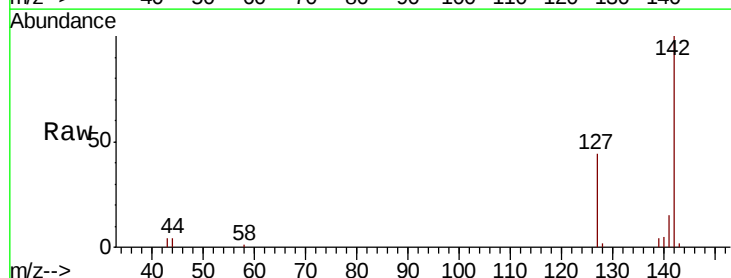
RT: 2.41 min Scan# 385

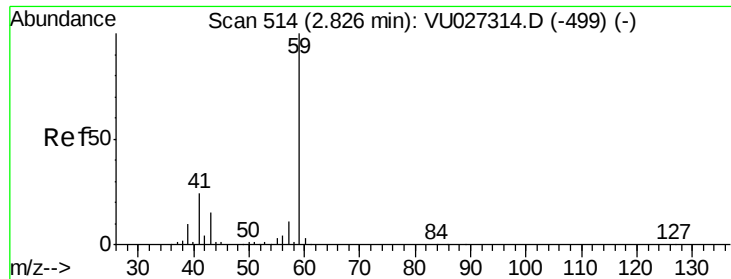
Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Tgt Ion:	142	Resp:	17721
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.3	54.5
141	14.7	11.6	17.4





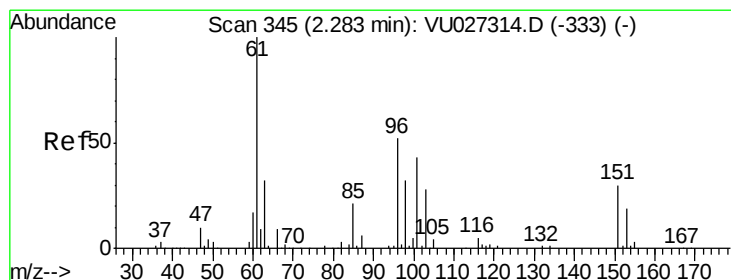
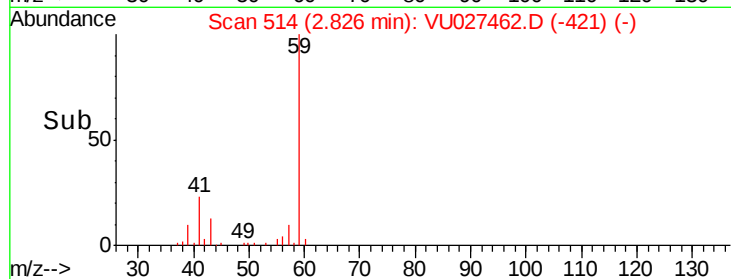
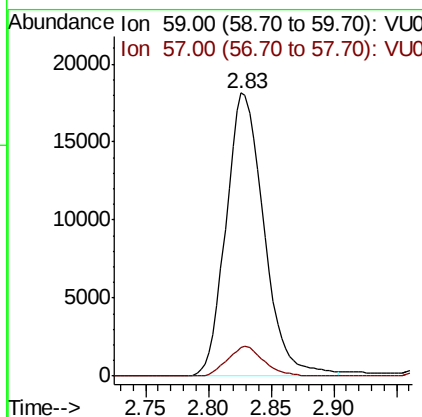
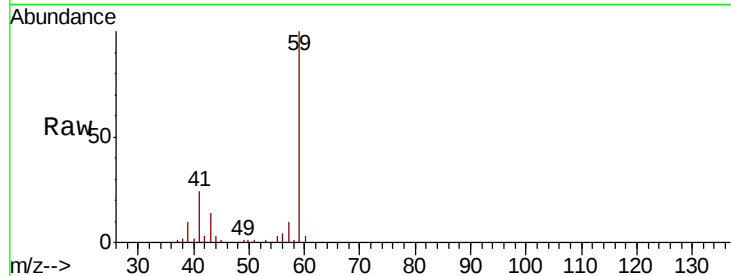
#11
Tert butyl alcohol
Concen: 90.948 ug/l
RT: 2.83 min Scan# 514
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.4	12.6

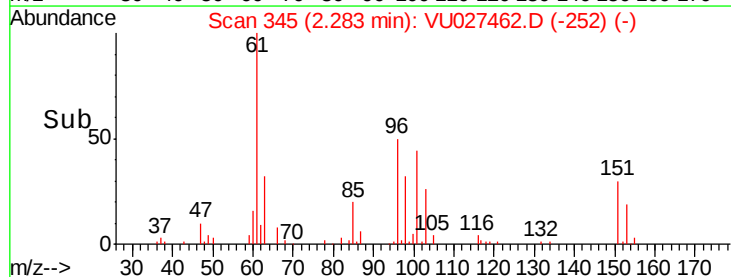
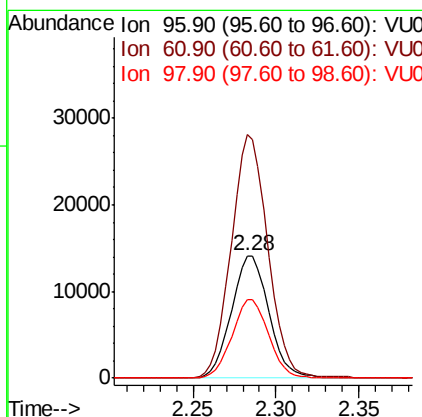
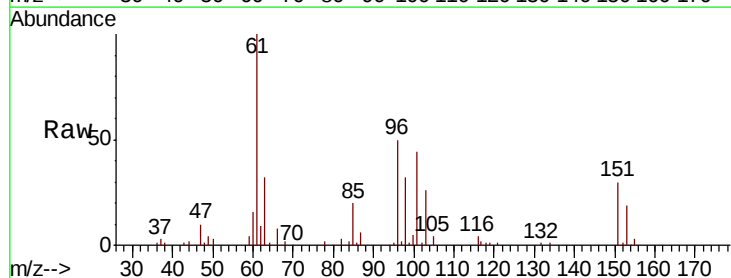
Manual Integrations
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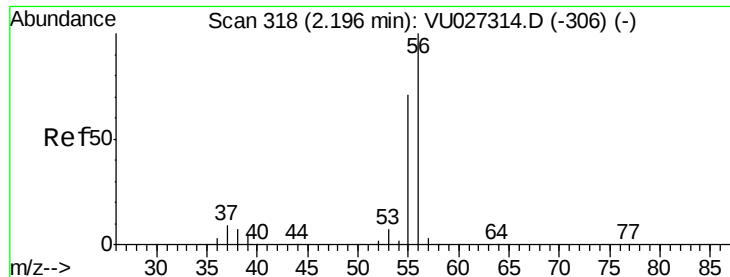
MMDadoda
10/8/2018 2:05:19 PM



#12
1,1-Dichloroethene
Concen: 17.528 ug/l
RT: 2.28 min Scan# 345
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	199.0	153.0	229.6
98	64.3	49.3	73.9





#13

Acrolein

Concen: 39.663 ug/l

RT: 2.20 min Scan# 318

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion: 56 Resp: 13977

Ion Ratio Lower Upper

56 100

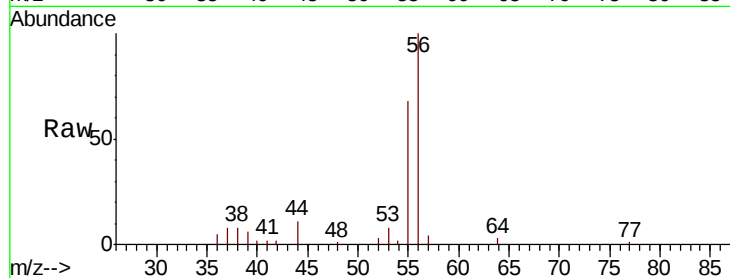
55 68.7 57.7 86.5

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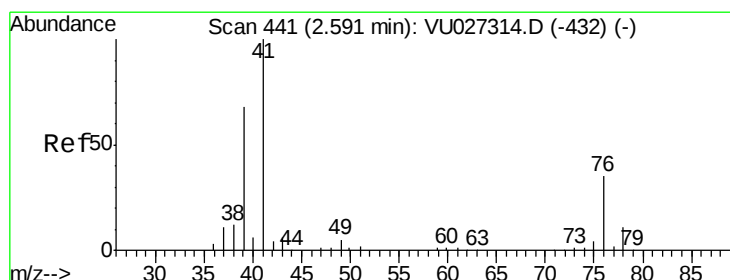
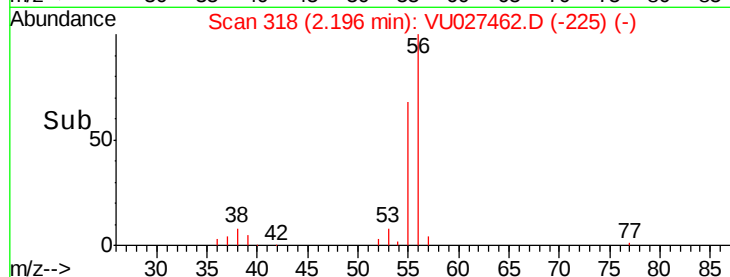
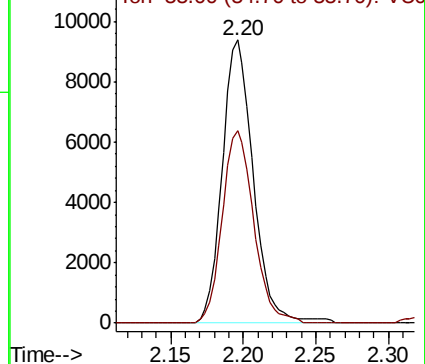
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 55.00 (54.70 to 55.70): VU0



#14

Allyl chloride

Concen: 17.197 ug/l

RT: 2.59 min Scan# 442

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

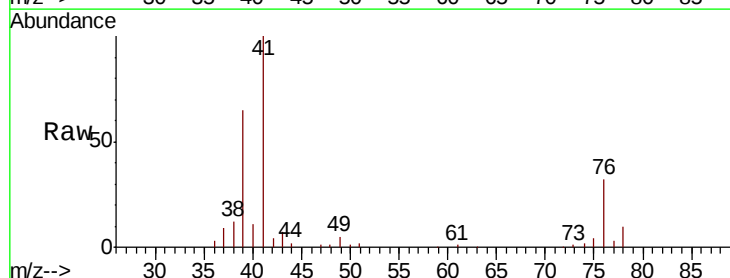
Tgt Ion: 41 Resp: 51519

Ion Ratio Lower Upper

41 100

39 66.4 51.8 77.8

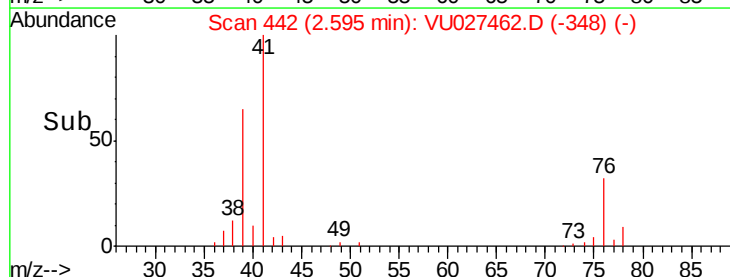
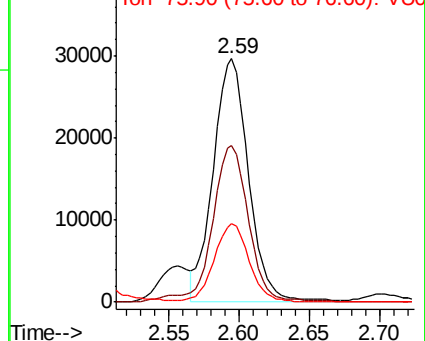
76 32.1 25.9 38.9

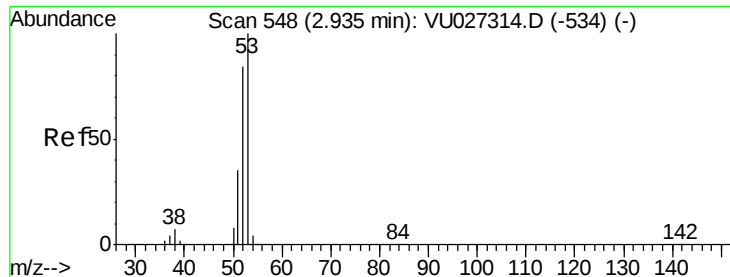


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 75.90 (75.60 to 76.60): VU0





#15

Acrylonitrile

Concen: 95.036 ug/l

RT: 2.94 min Scan# 549

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

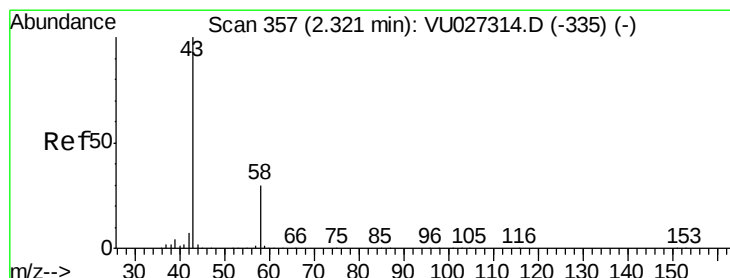
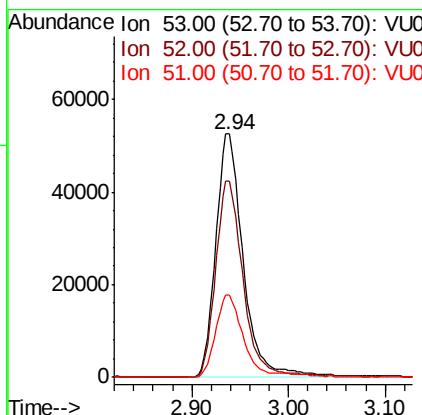
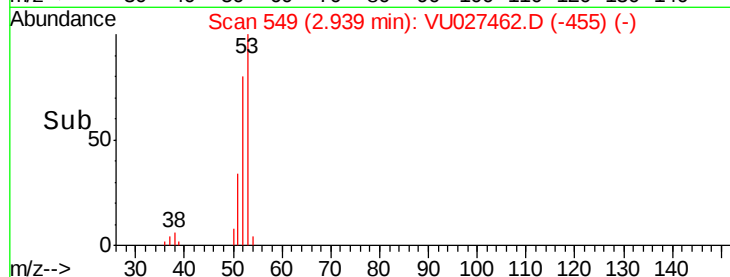
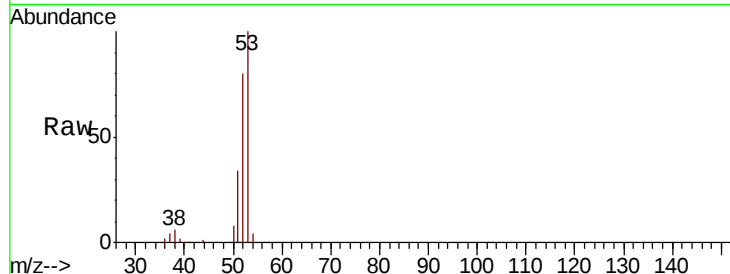
ClientSampleId :

VU1006WBSD01

Tot Ion:	53	Resp:	103879
Ion Ratio	Lower	Upper	
53	100		
52	80.4	66.5	99.7
51	33.2	27.6	41.4

Manual Integrations
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#16

Acetone

Concen: 79.321 ug/l

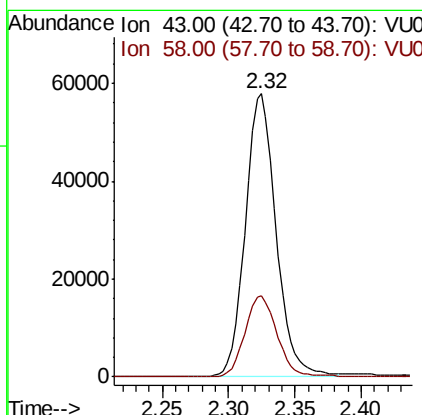
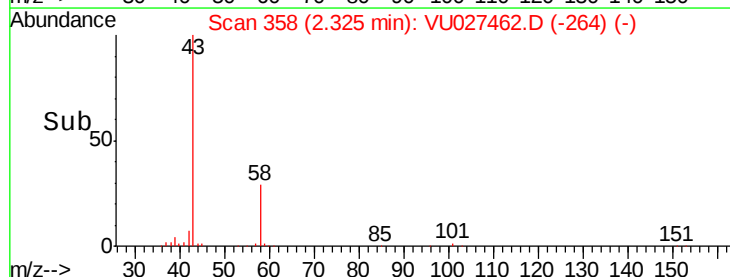
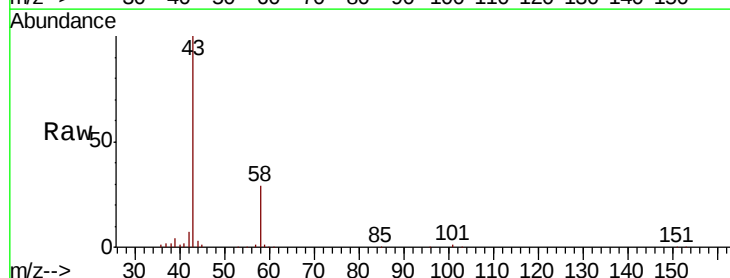
RT: 2.32 min Scan# 358

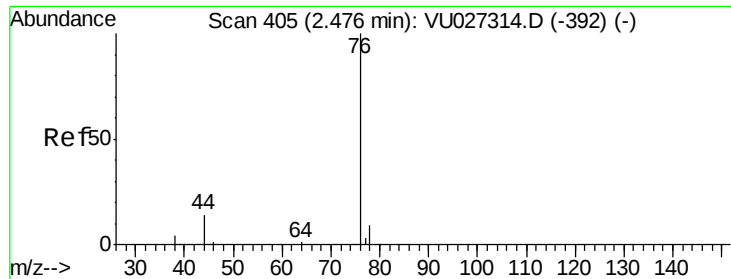
Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Tgt Ion:	43	Resp:	93452
Ion Ratio	Lower	Upper	
43	100		
58	28.6	24.2	36.4





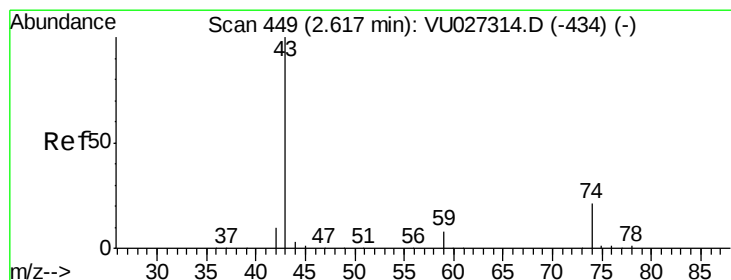
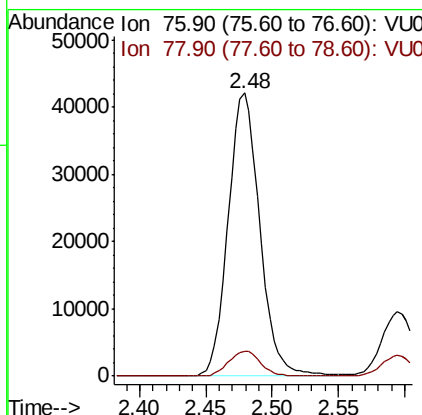
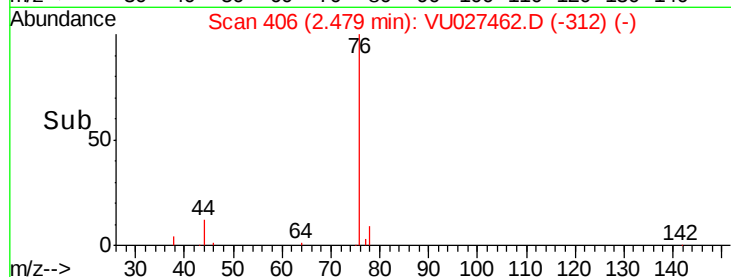
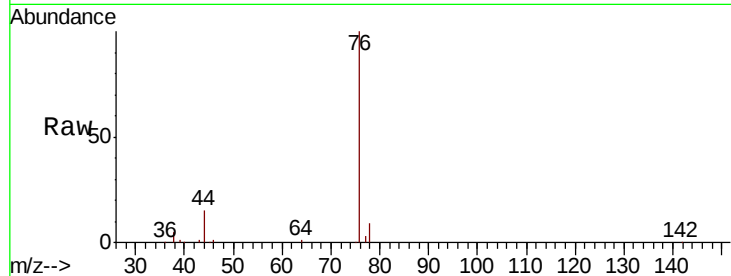
#17
Carbon Disulfide
Concen: 15.380 ug/l
RT: 2.48 min Scan# 406
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion: 76 Resp: 69976
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9

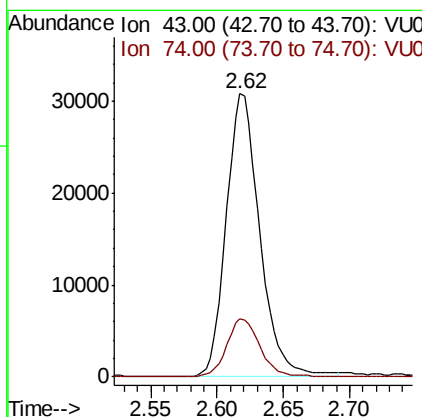
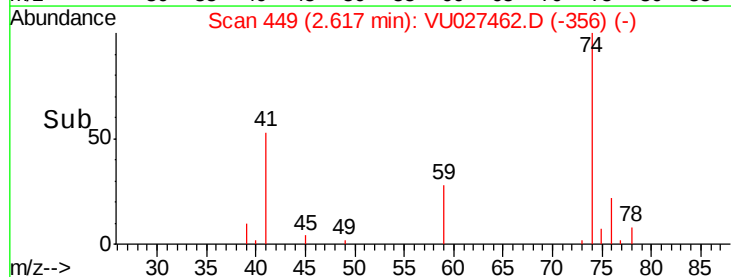
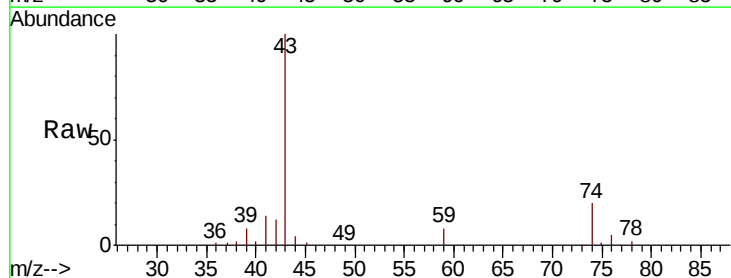
Manual Integrations
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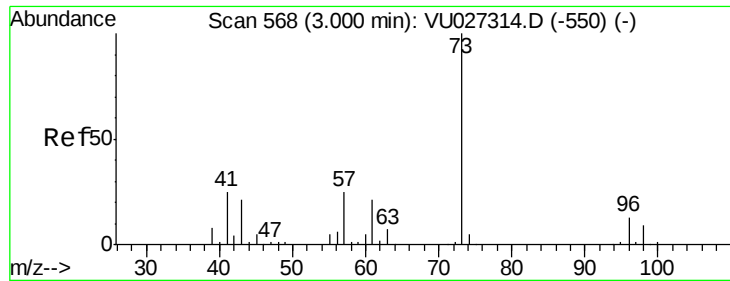
MMDadoda
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#18
Methyl Acetate
Concen: 20.193 ug/l
RT: 2.62 min Scan# 449
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion: 43 Resp: 54273
Ion Ratio Lower Upper
43 100
74 20.2 16.5 24.7





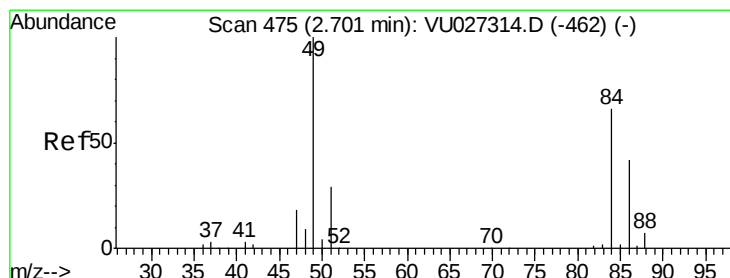
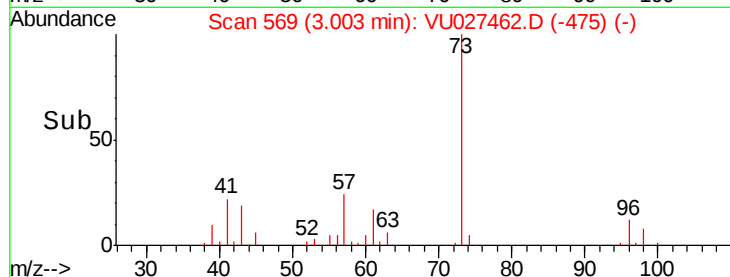
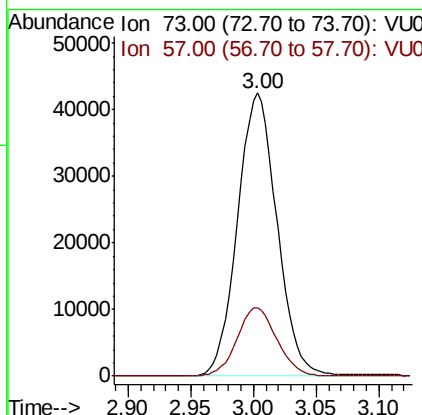
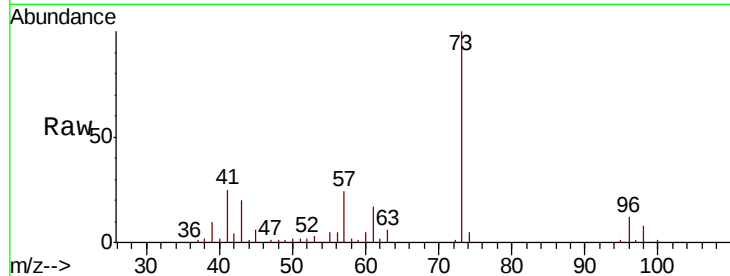
#19
Methvl tert-butvl Ether
Concen: 18.388 ug/l
RT: 3.00 min Scan# 569
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion: 73 Resp: 92947
Ion Ratio Lower Upper
73 100
57 24.1 20.0 30.0

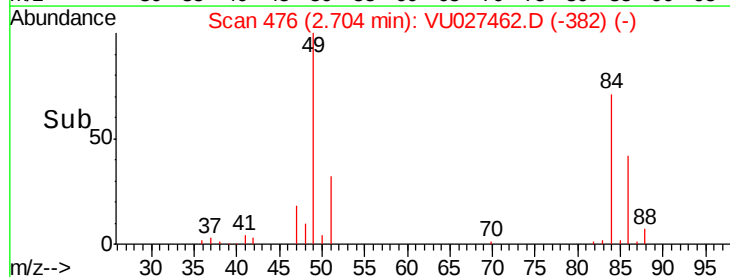
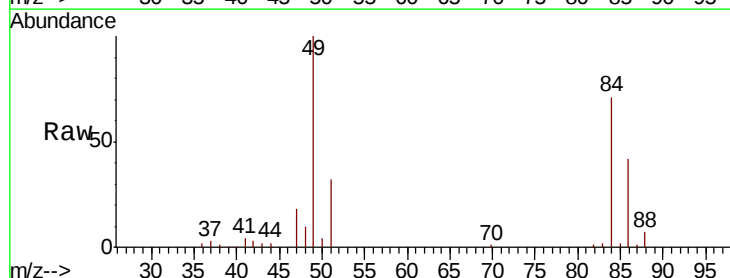
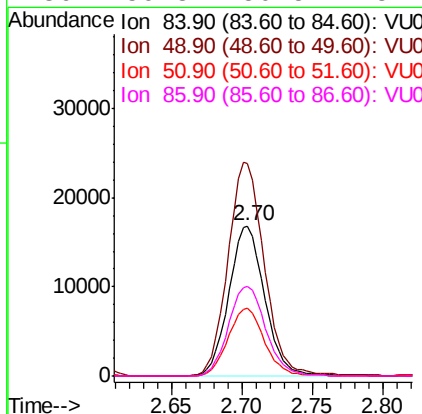
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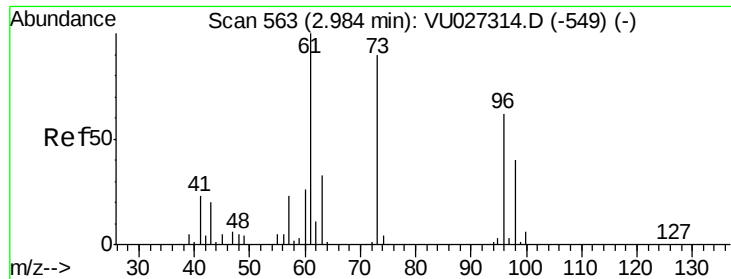
MMDadoda
10/8/2018 2:05:19 PM



#20
Methylene Chloride
Concen: 18.285 ug/l
RT: 2.70 min Scan# 476
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion: 84 Resp: 30007
Ion Ratio Lower Upper
84 100
49 141.7 120.5 180.7
51 45.1 35.1 52.7
86 59.8 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 18.354 ug/l

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

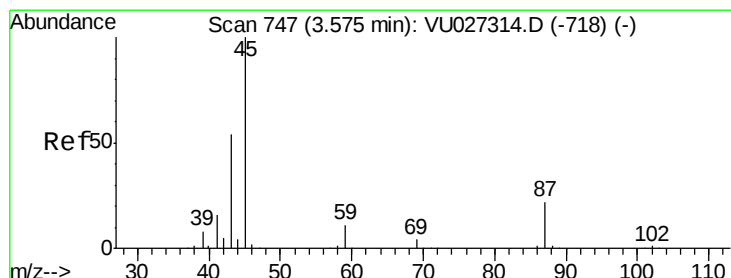
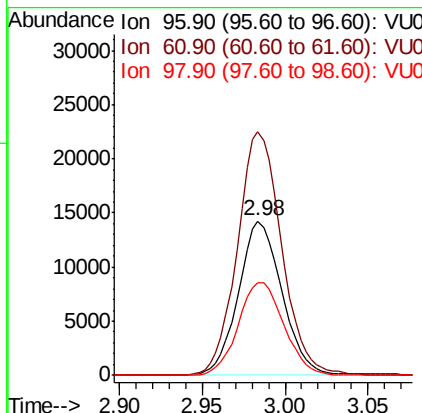
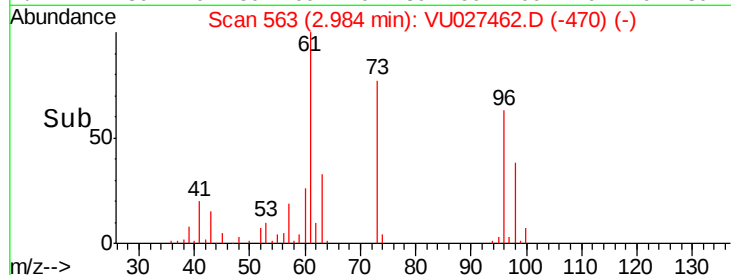
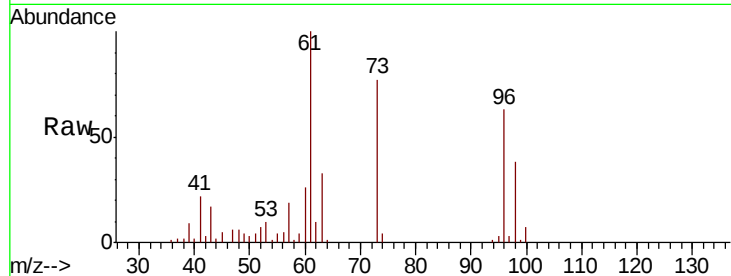
ClientSampleId :

VU1006WBSD01

Tot Ion:	96	Resp:	25996
Ion	Ratio	Lower	Upper
96	100		
61	157.8	129.4	194.2
98	60.0	51.2	76.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.728 ug/l

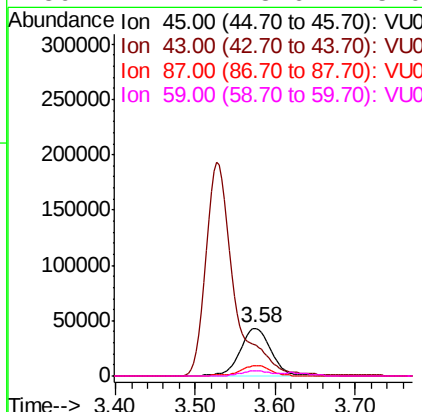
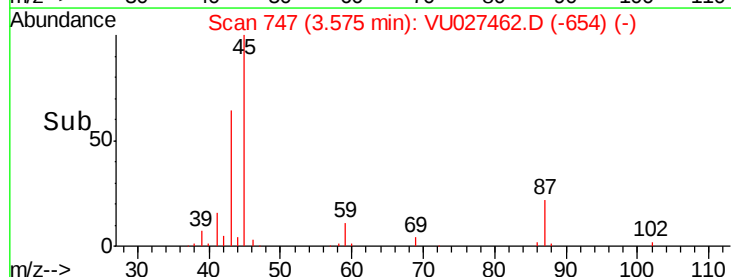
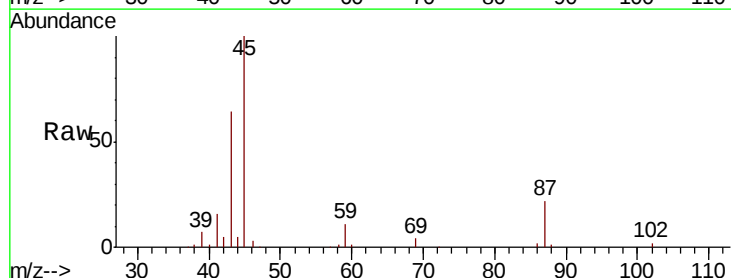
RT: 3.58 min Scan# 747

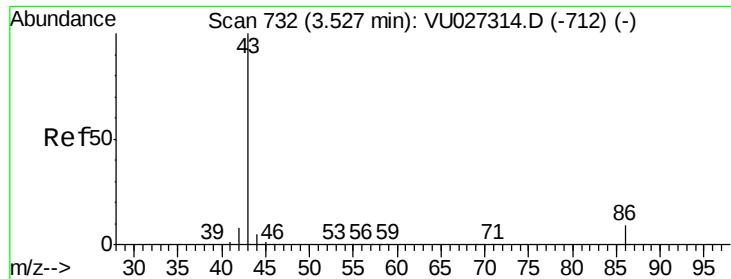
Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Tgt Ion:	45	Resp:	114034
Ion	Ratio	Lower	Upper
45	100		
43	61.0	43.4	65.2
87	21.8	17.5	26.3
59	11.2	8.6	13.0





#23

Vinyl Acetate

Concen: 89.253 ug/l

RT: 3.53 min Scan# 732

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion: 43 Resp: 474600

Ion Ratio Lower Upper

43 100

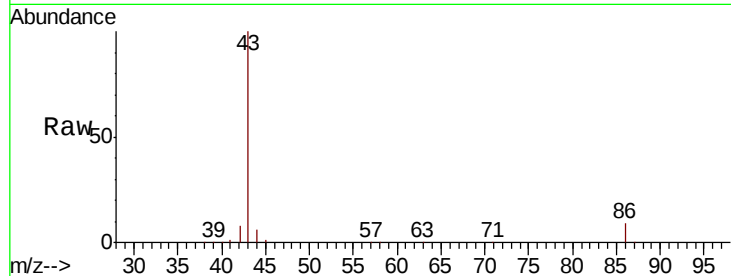
86 8.9 7.0 10.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU027462.D (-639) (-)

Ion 86.00 (85.70 to 86.70): VU027462.D (-639) (-)

3.53

200000

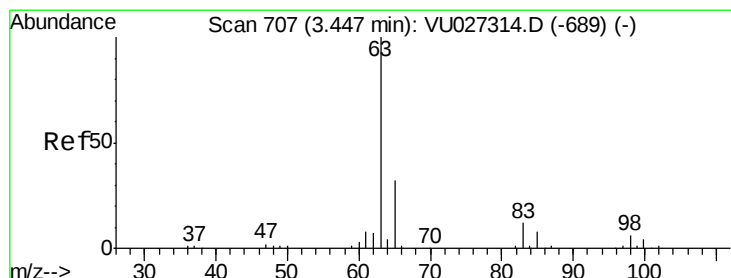
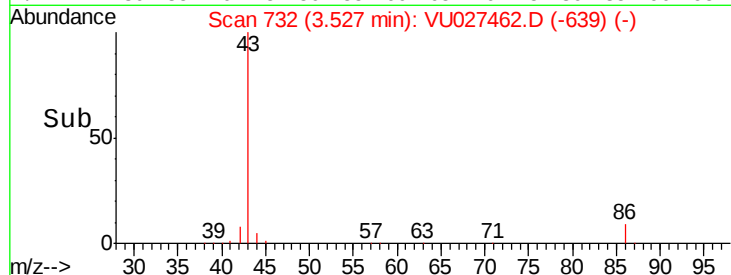
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.703 ug/l

RT: 3.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

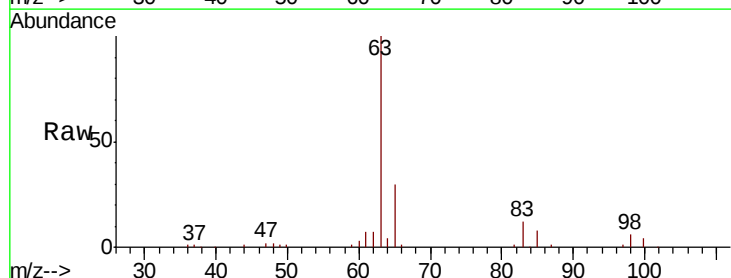
Tgt Ion: 63 Resp: 58544

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

100 3.7 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VU027462.D (-614) (-)

Ion 97.90 (97.60 to 98.60): VU027462.D (-614) (-)

Ion 99.90 (99.60 to 100.60): VU027462.D (-614) (-)

3.45

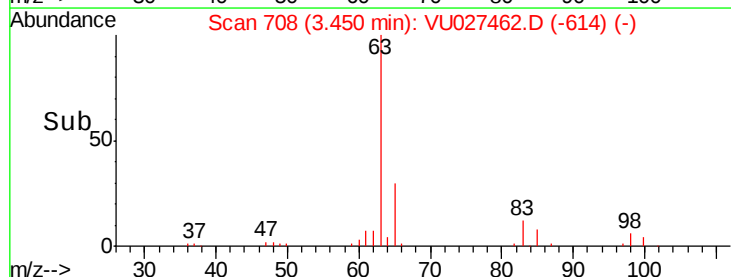
30000

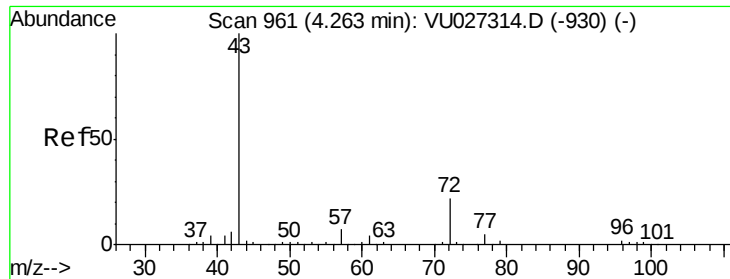
20000

10000

0

Time-->





#25

2-Butanone

Concen: 91.799 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion: 43 Resp: 147484

Ion Ratio Lower Upper

43 100

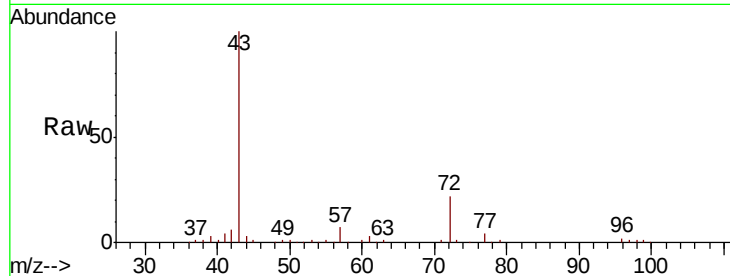
72 22.4 17.8 26.6

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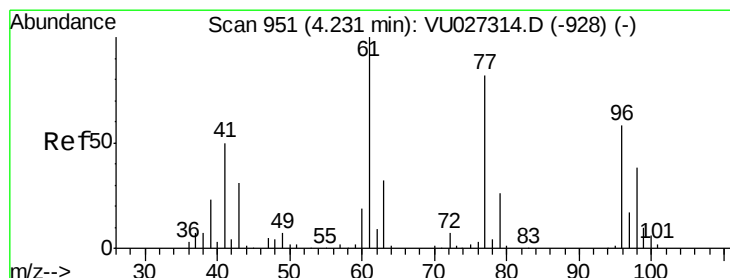
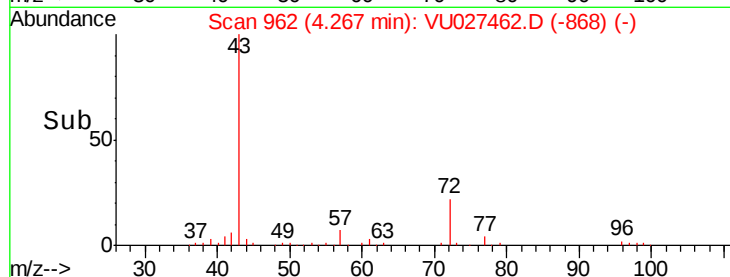
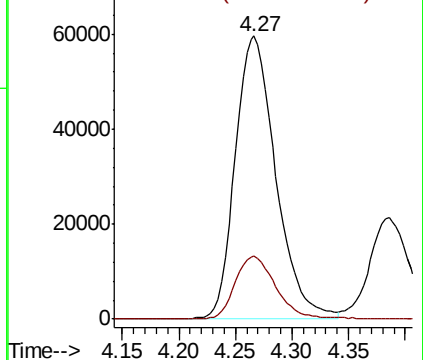
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 72.00 (71.70 to 72.70): VU0



#26

2,2-Dichloropropane

Concen: 16.864 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027462.D

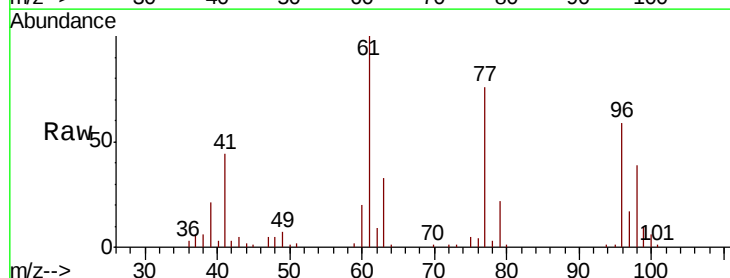
Acq: 05 Oct 2018 18:46

Tgt Ion: 77 Resp: 43374

Ion Ratio Lower Upper

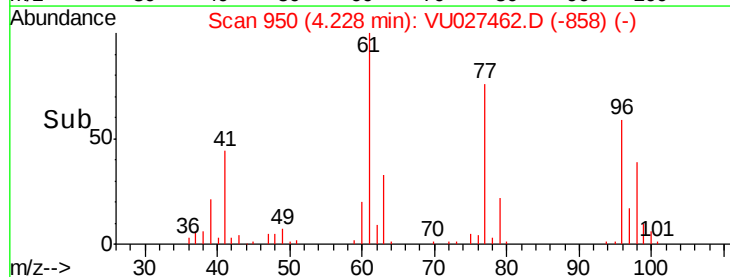
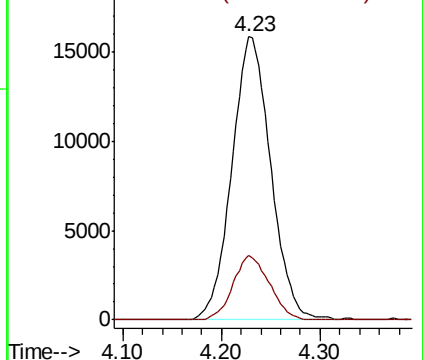
77 100

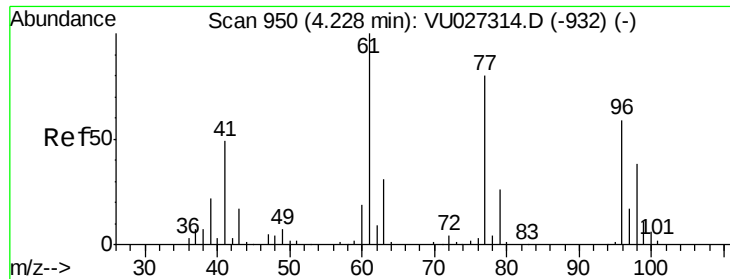
97 21.3 10.4 31.1



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0





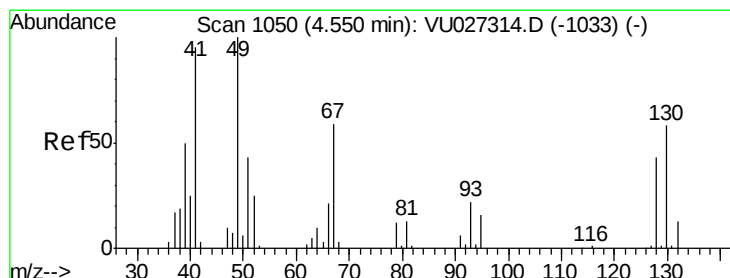
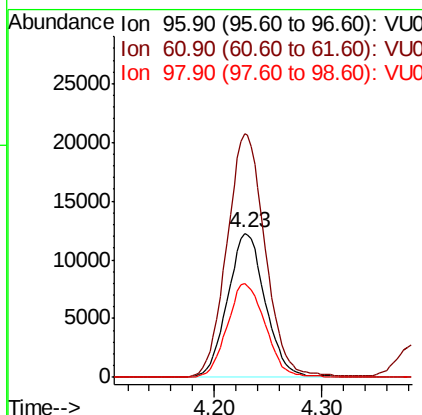
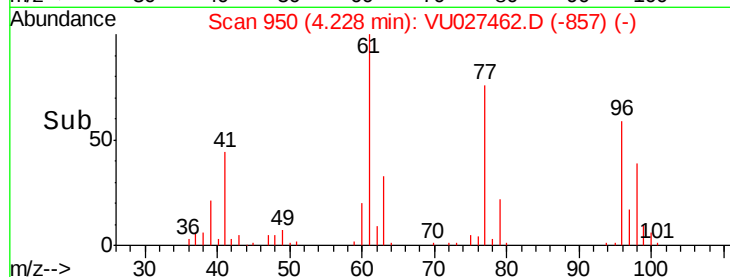
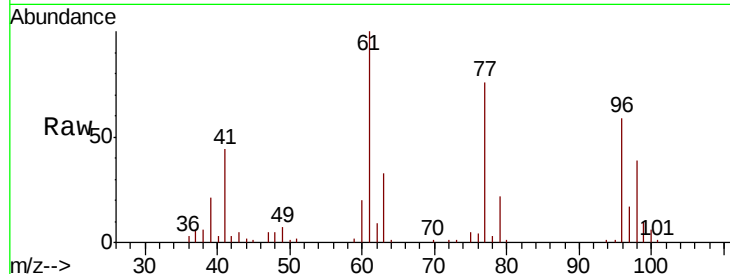
#27
 cis-1,2-Dichloroethene
 Concen: 18.420 ug/l
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	29835		
61	172.1	0.0	343.8	
98	65.4	0.0	129.0	

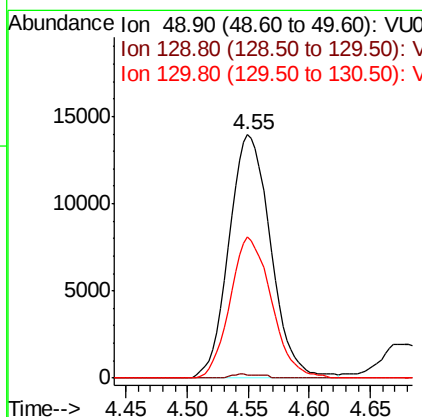
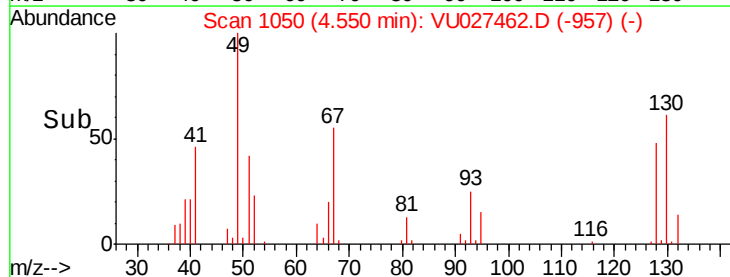
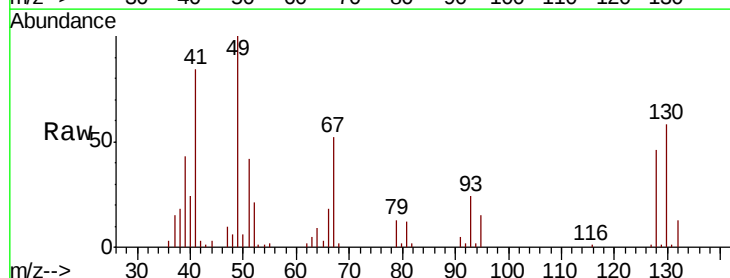
Manual Integrations
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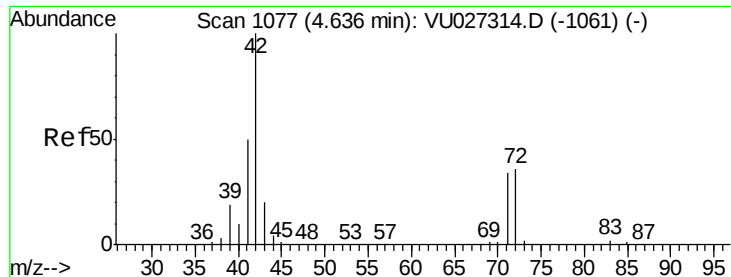
MMDadoda
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#28
 Bromochloromethane
 Concen: 21.944 ug/l
 RT: 4.55 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	33139		
129	0.7	0.0	3.0	
130	57.3	46.1	69.1	





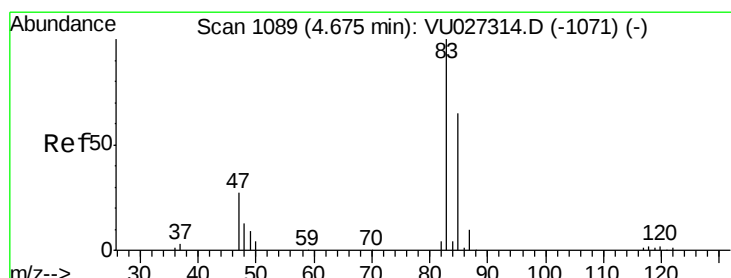
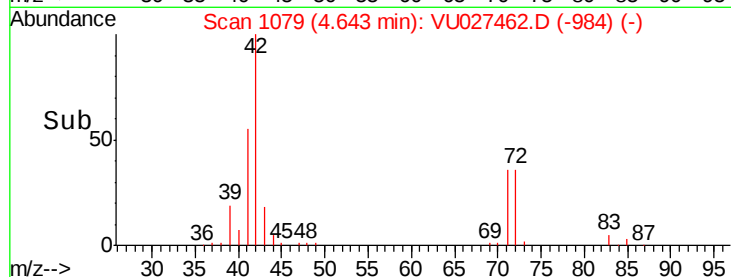
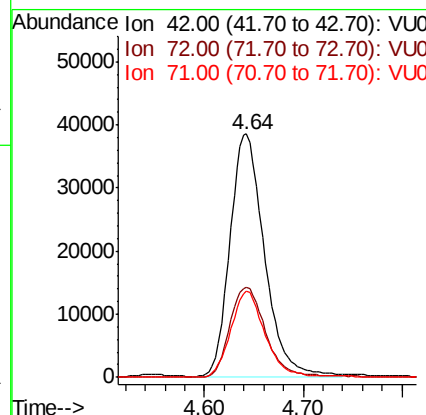
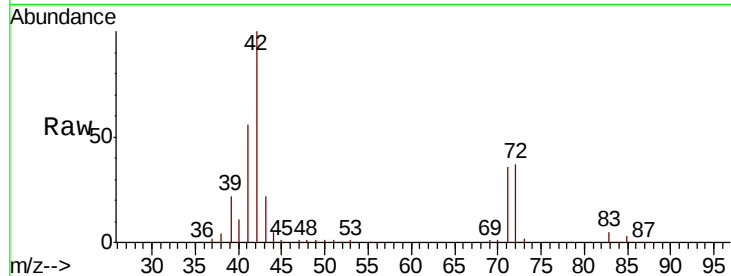
#29
Tetrahydrofuran
Concen: 92.663 ug/l
RT: 4.64 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.7	30.1	45.1
71	35.4	27.7	41.5

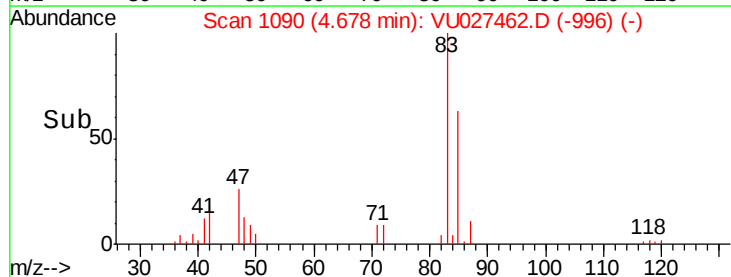
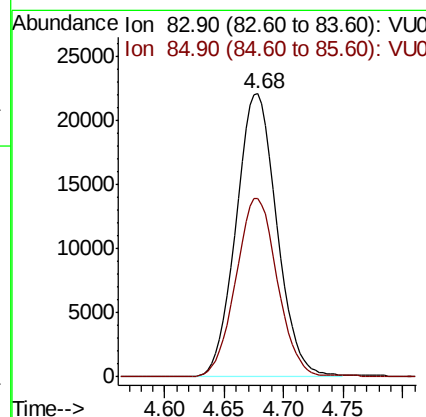
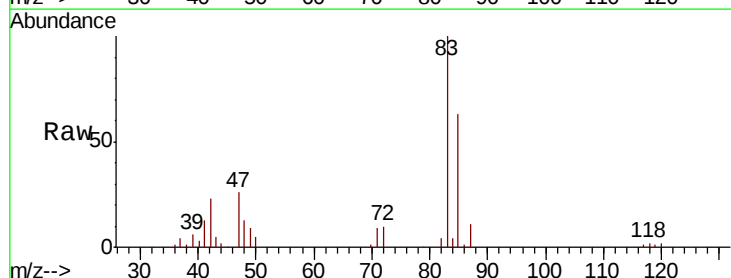
Manual Integrations
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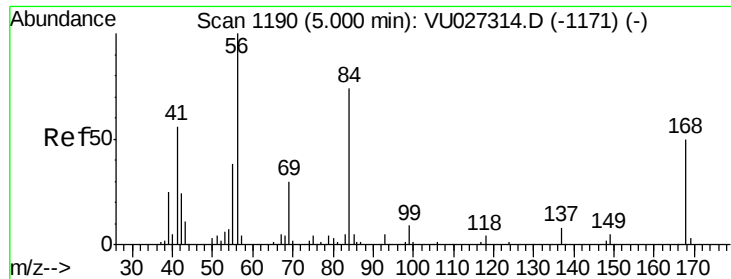
MMDadoda
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#30
Chloroform
Concen: 18.865 ug/l
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.8	77.6





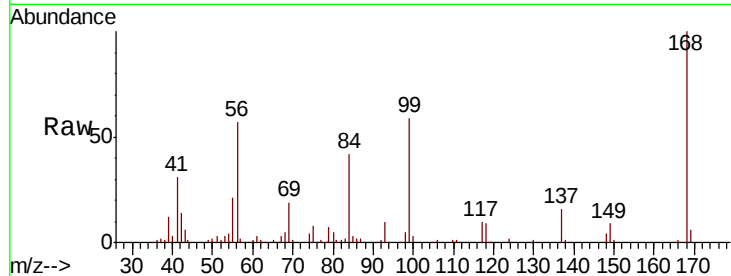
#31
Cyclohexane
Concen: 17.104 ug/l
RT: 5.00 min Scan# 1189
Delta R.T. -0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

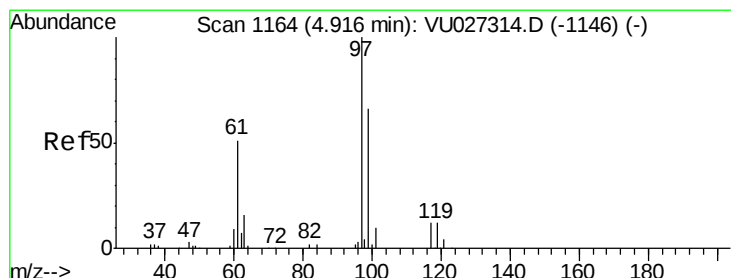
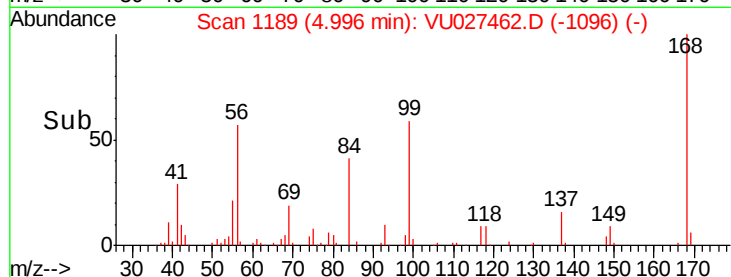
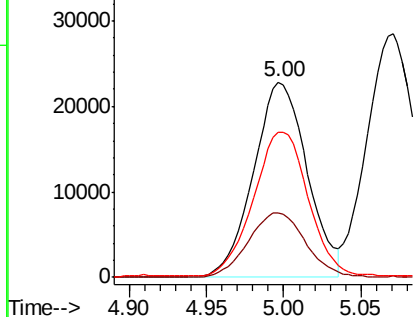
Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	24.1	36.1
84	73.3	59.1	88.7

Manual Integrations
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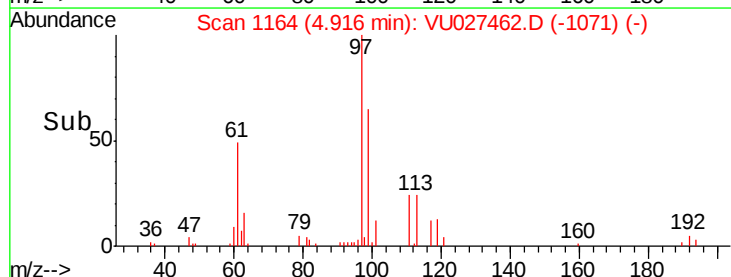
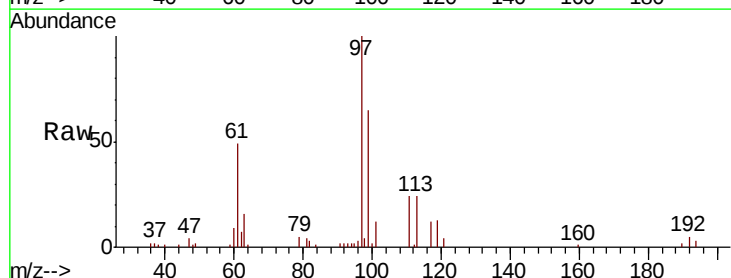
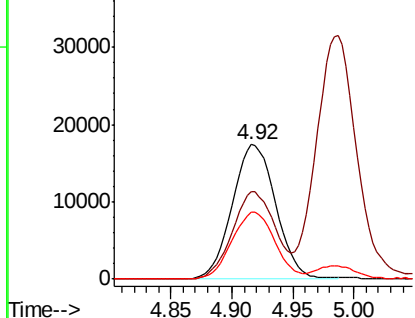
Abundance Ion 56.00 (55.70 to 56.70): VU0
Ion 69.00 (68.70 to 69.70): VU0
Ion 84.00 (83.70 to 84.70): VU0

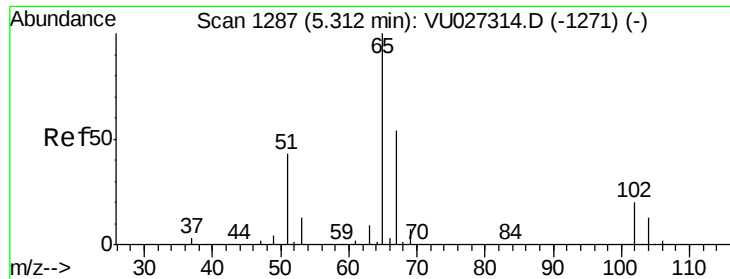


#32
1,1,1-Trichloroethane
Concen: 18.372 ug/l
RT: 4.92 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.1	76.7
61	49.1	39.6	59.4

Abundance Ion 96.90 (96.60 to 97.60): VU0
Ion 98.90 (98.60 to 99.60): VU0
Ion 60.90 (60.60 to 61.60): VU0





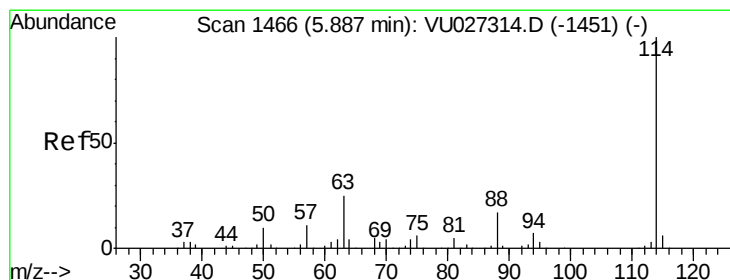
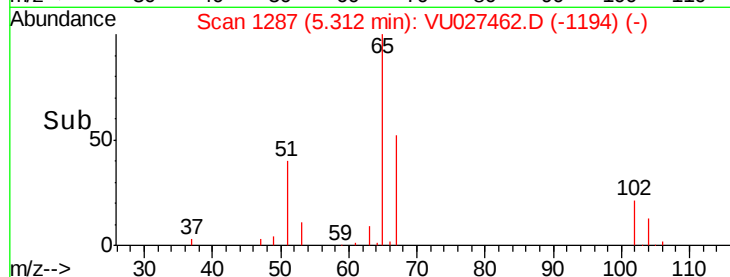
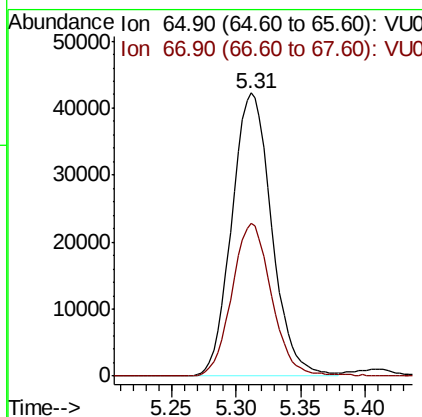
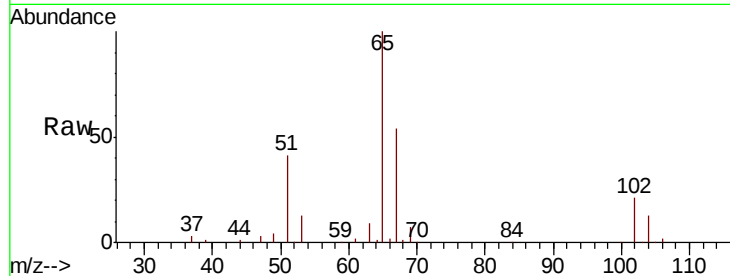
#33
 1,2-Dichloroethane-d4
 Concen: 45.669 ug/l
 RT: 5.31 min Scan# 1287
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	107.8

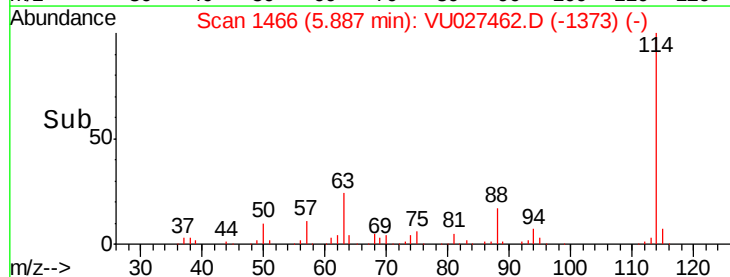
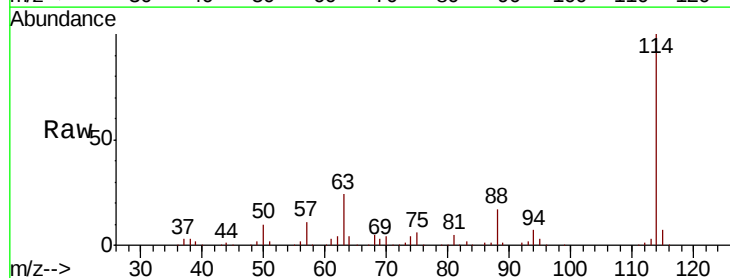
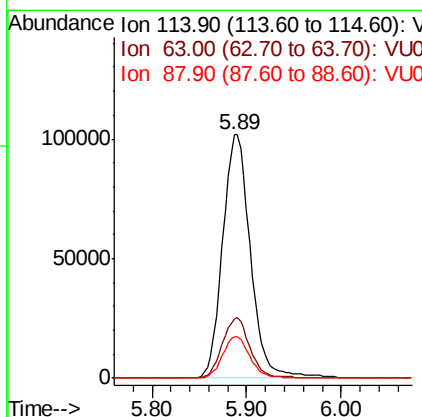
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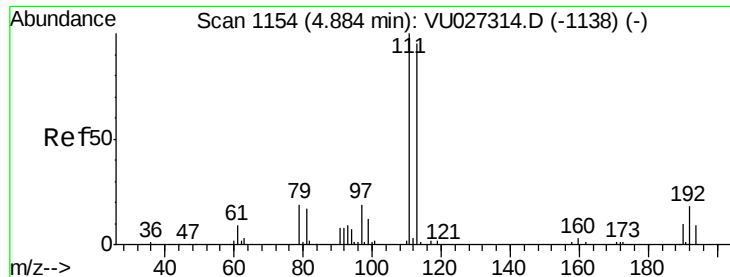
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.89 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.5	0.0	50.2
88	17.0	0.0	33.8





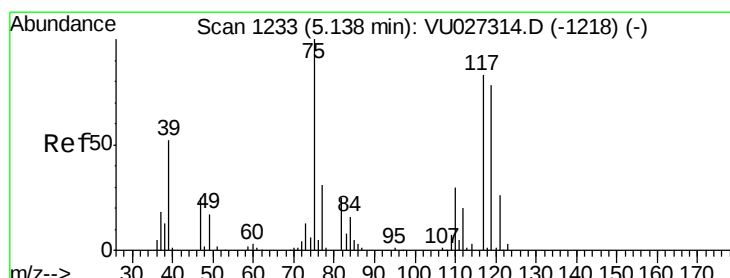
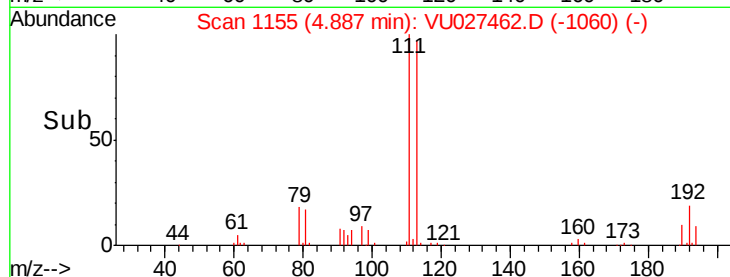
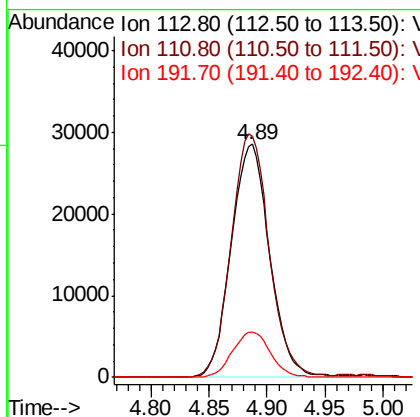
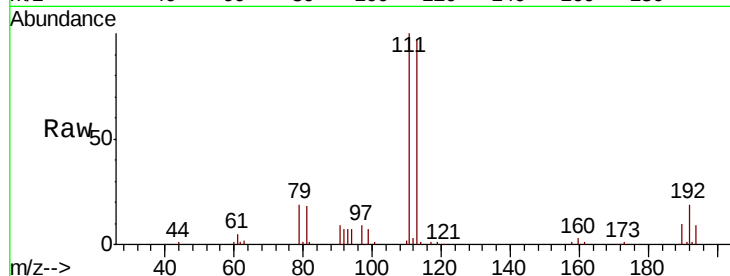
#35
 Dibromofluoromethane
 Concen: 46.011 ug/l
 RT: 4.89 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.1	124.7
192	19.2	15.4	23.0

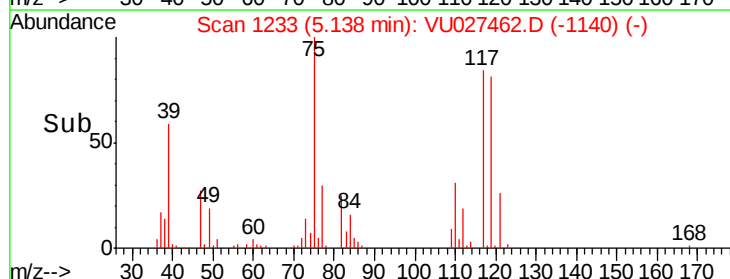
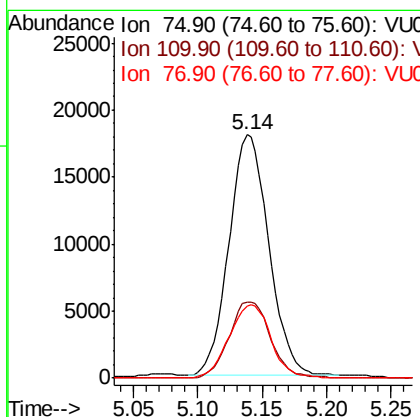
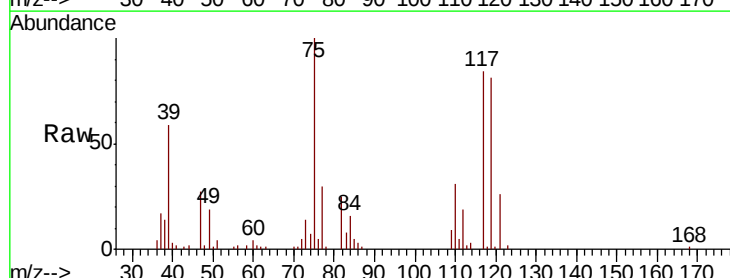
Manual Integrations
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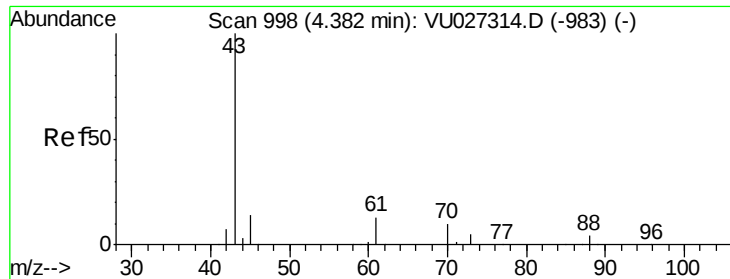
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 10/8/2018 2:05:19 PM



#36
 1,1-Dichloropropene
 Concen: 17.132 ug/l
 RT: 5.14 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.8	15.5	46.5
77	31.8	25.4	38.0





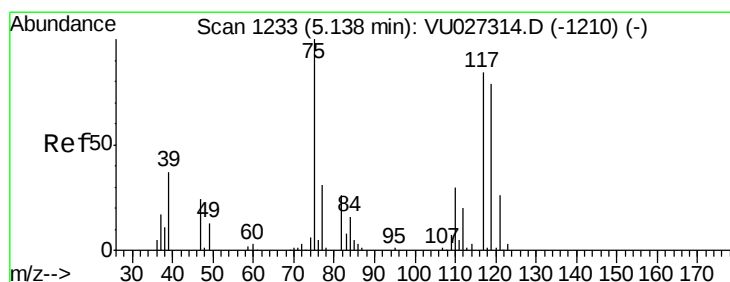
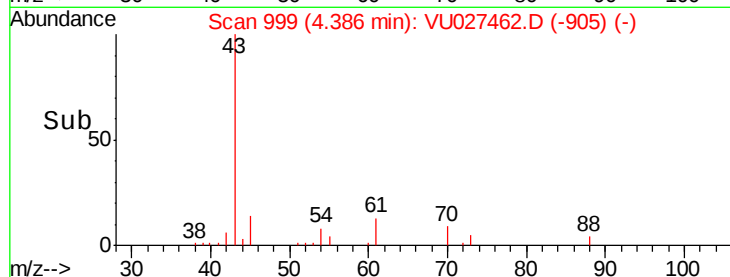
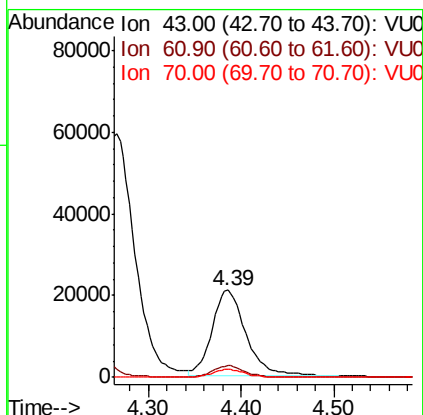
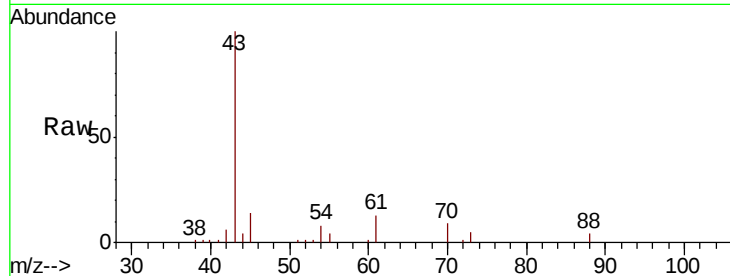
#37
Ethyl Acetate
Concen: 18.414 ug/l
RT: 4.39 min Scan# 999
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.7	16.1
70	8.9	7.4	11.2

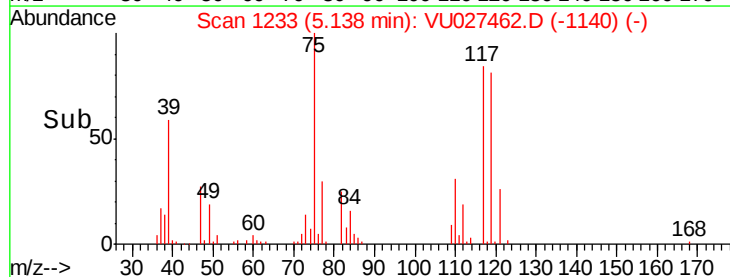
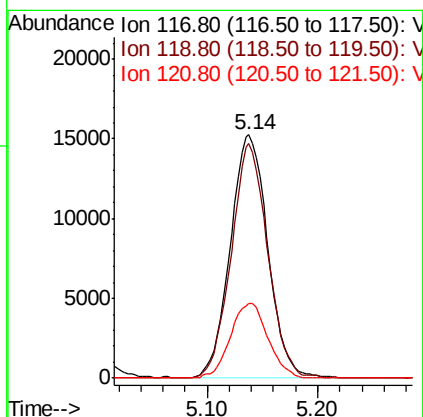
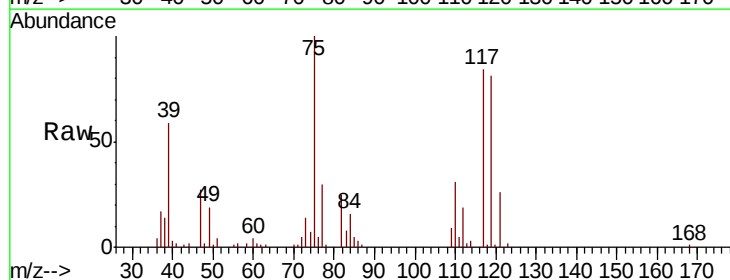
Manual Integrations
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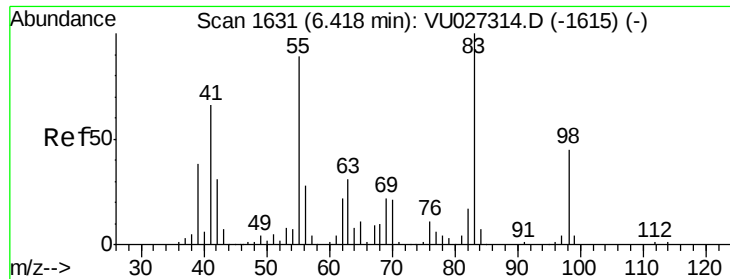
MMDadoda
10/8/2018 2:05:19 PM



#38
Carbon Tetrachloride
Concen: 17.637 ug/l
RT: 5.14 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	74.5	111.7
121	30.4	24.6	37.0





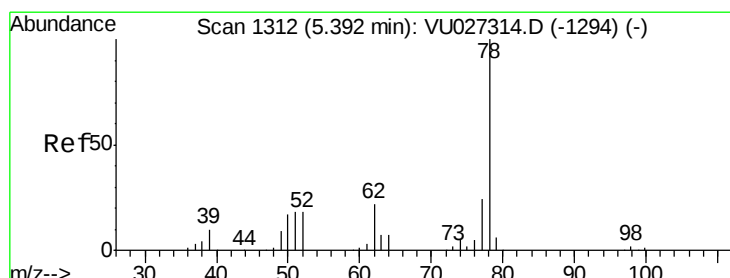
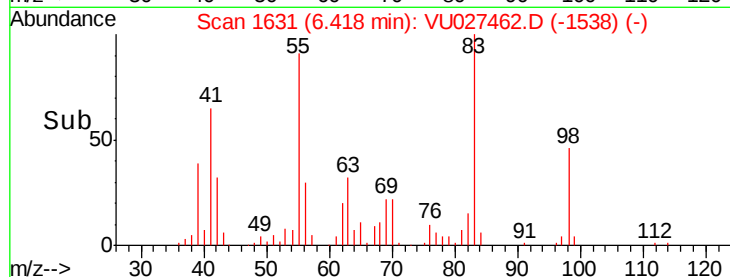
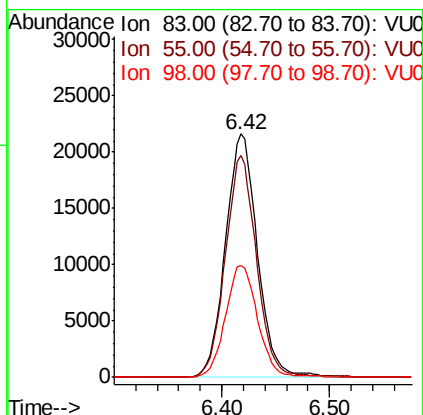
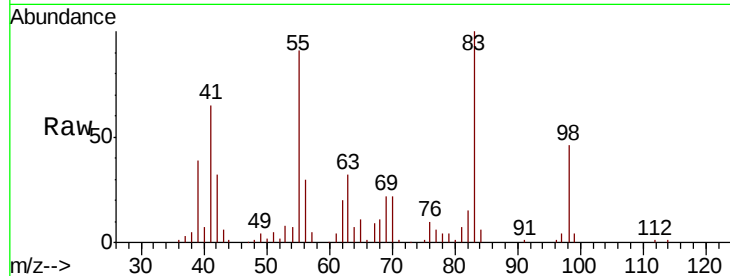
#39
Methvlcvclohexane
Concen: 16.945 ug/l
RT: 6.42 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	91.4	71.1	106.7
98	46.1	36.3	54.5

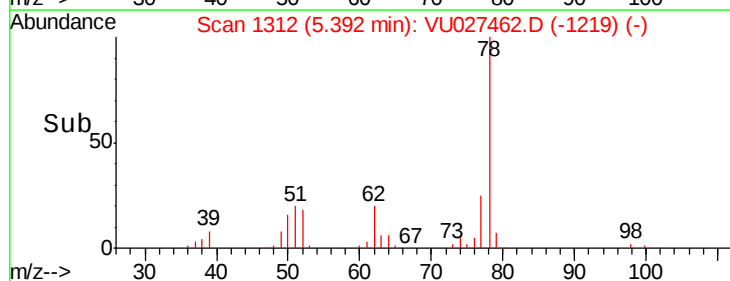
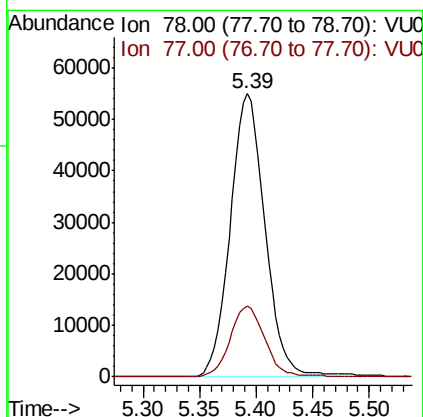
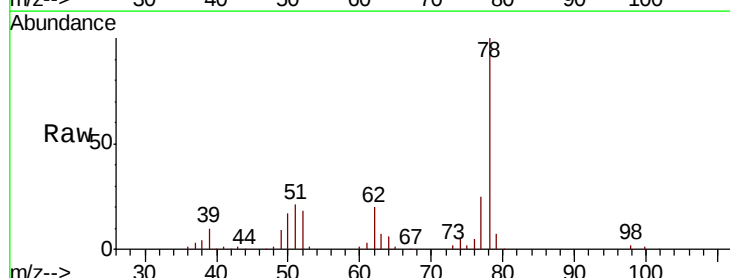
Manual Integrations
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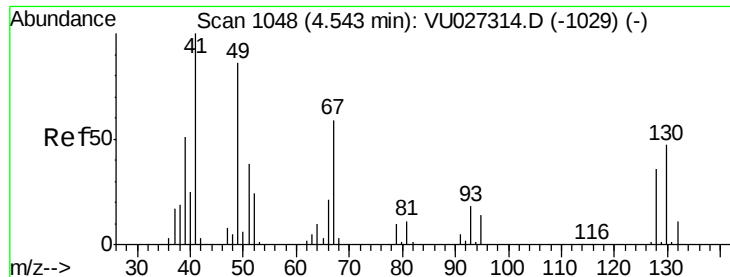
MMDadoda
10/8/2018 2:05:19 PM



#40
Benzene
Concen: 17.863 ug/l
RT: 5.39 min Scan# 1312
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.3	28.9





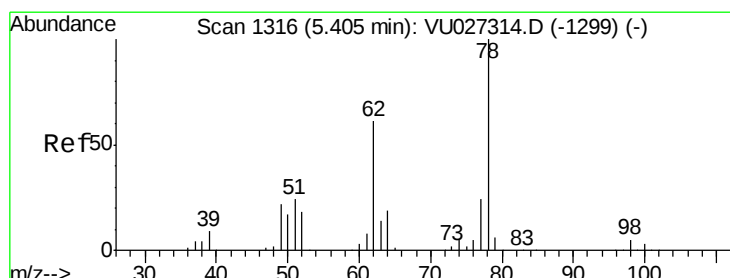
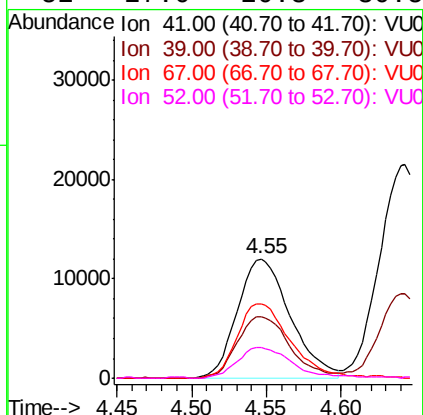
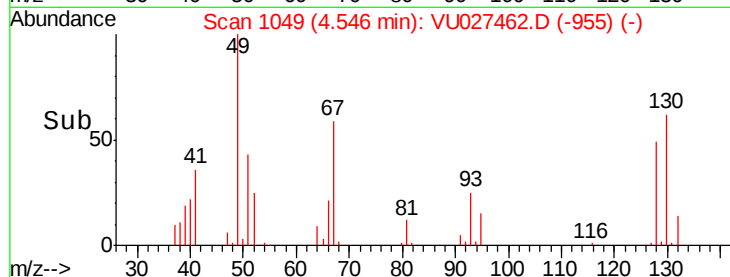
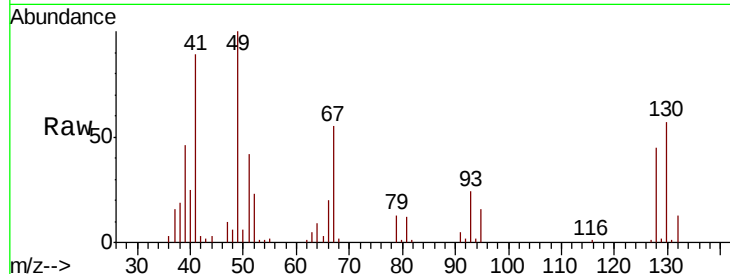
#41
Methacrylonitrile
Concen: 17.922 ug/l
RT: 4.55 min Scan# 1049
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.6	41.1	61.7	
67	63.3	50.4	75.6	
52	27.0	20.3	30.5	

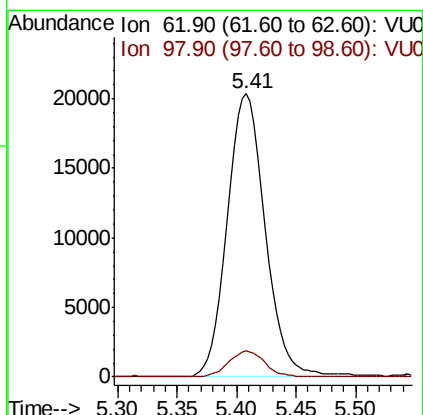
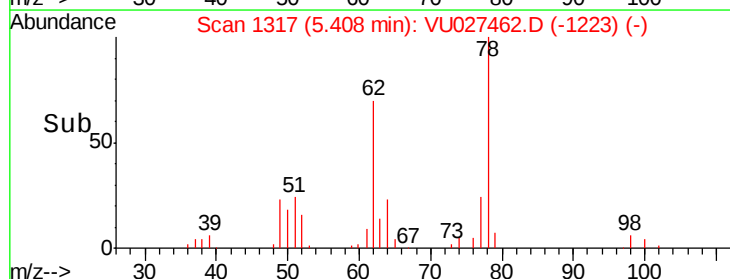
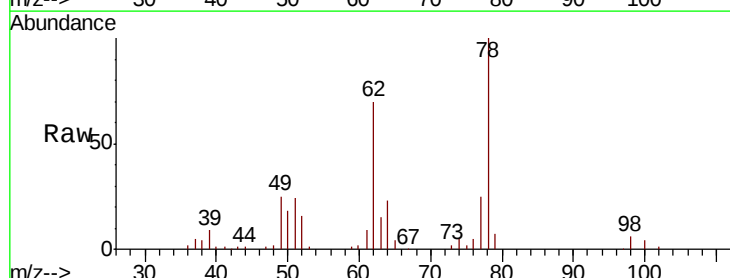
Manual Integrations
APPROVED

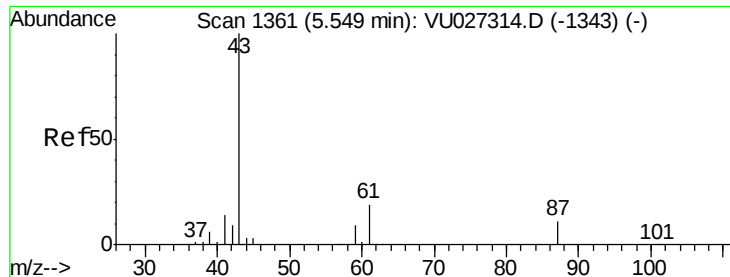
MMDadoda
10/8/2018 2:05:19 PM



#42
1,2-Dichloroethane
Concen: 18.445 ug/l
RT: 5.41 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	16.8	





#43

Isopropyl Acetate

Concen: 18.181 ug/l

RT: 5.55 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

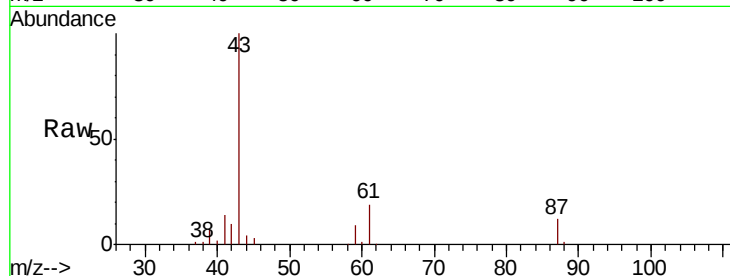
ClientSampleId :

VU1006WBSD01

Tot Ion:	43	Resp:	82423
Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.3	22.9
87	10.8	8.6	13.0

Manual Integrations
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MMDadoda
10/8/2018 2:05:19 PM

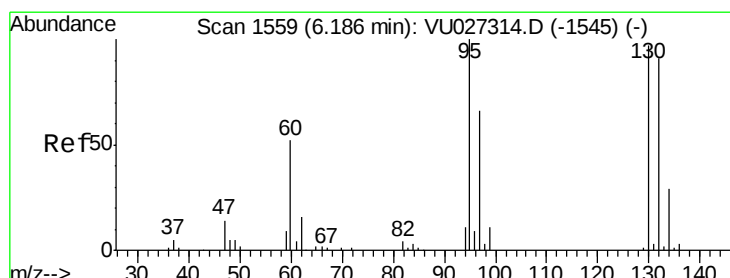
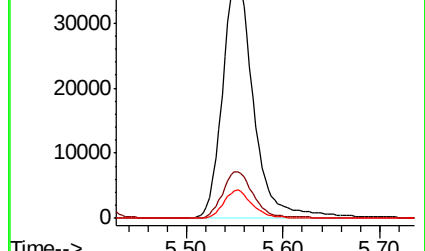
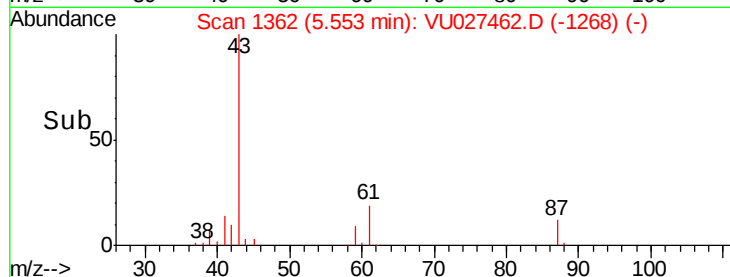


Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1343) (-)

Ion 61.00 (60.70 to 61.70): VU027314.D (-1343) (-)

Ion 87.00 (86.70 to 87.70): VU027314.D (-1343) (-)

Time-->



#44

Trichloroethene

Concen: 18.280 ug/l

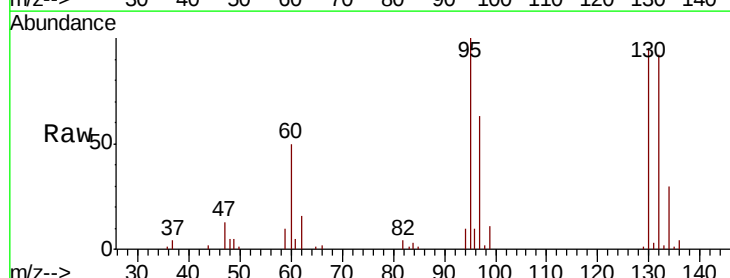
RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

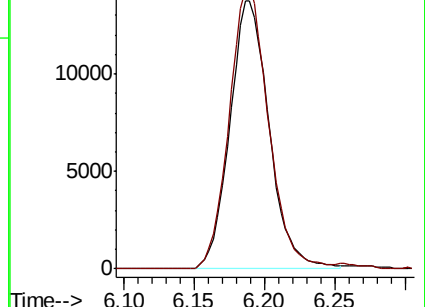
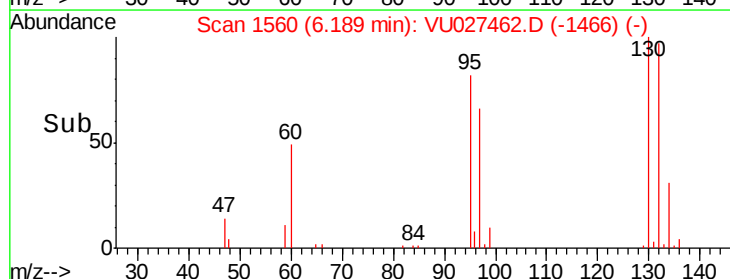
Tgt Ion:	130	Resp:	26816
Ion	Ratio	Lower	Upper
130	100		
95	105.5	0.0	207.0

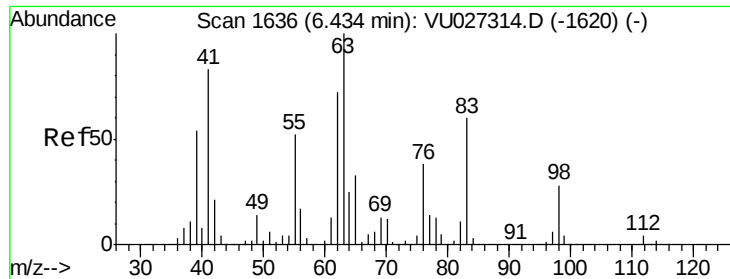


Abundance Ion 129.80 (129.50 to 130.50): VU027314.D (-1545) (-)

Ion 94.90 (94.60 to 95.60): VU027314.D (-1545) (-)

Time-->





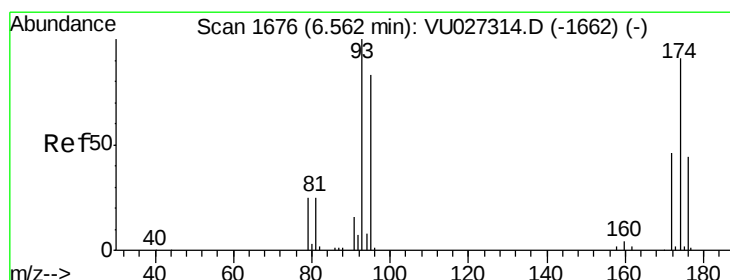
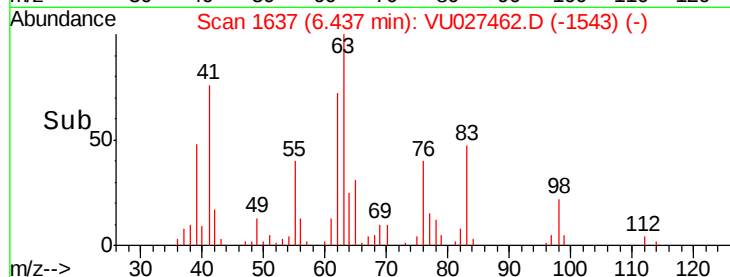
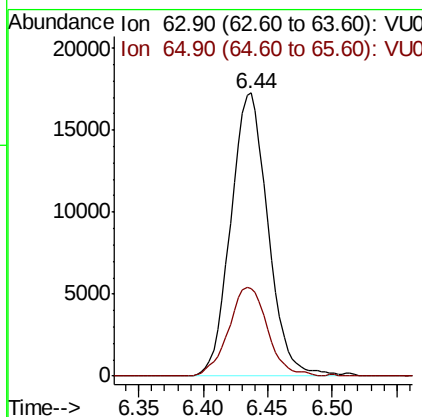
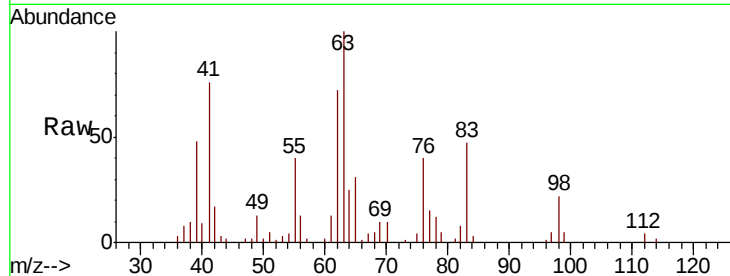
#45
 1,2-Dichloropropane
 Concen: 18.250 ug/l
 RT: 6.44 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBSD01

Tot Ion: 63 Resp: 34630
 Ion Ratio Lower Upper
 63 100
 65 31.0 26.0 39.0

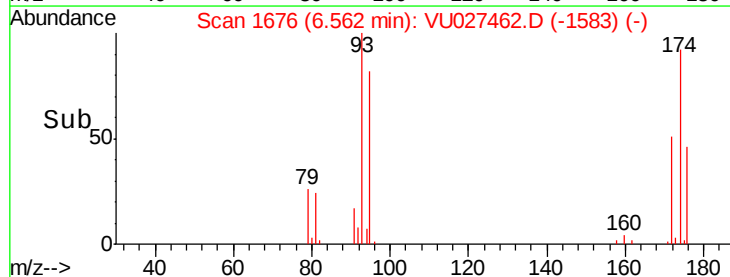
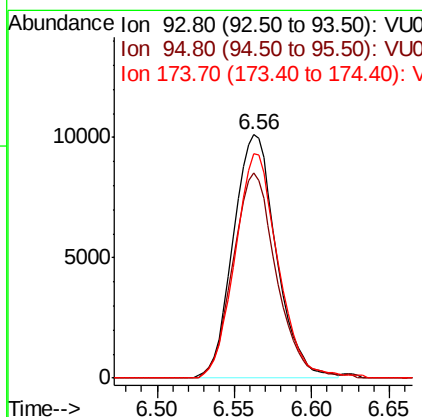
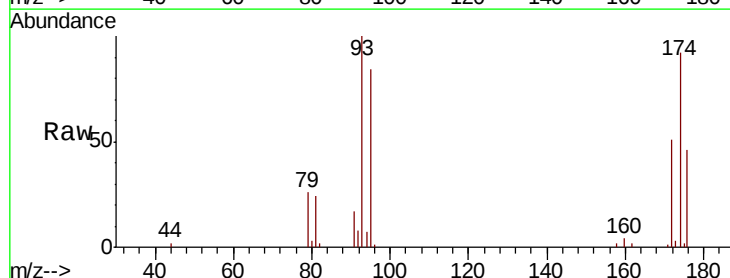
Manual Integrations
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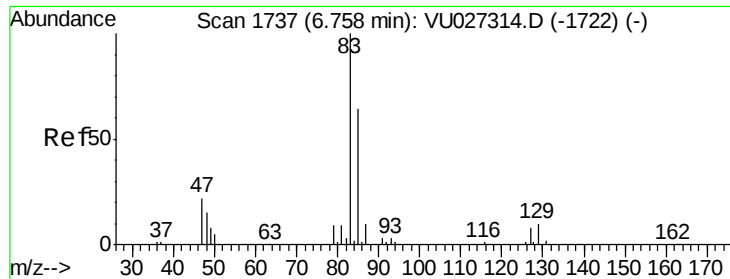
MMDadoda
 10/8/2018 2:05:19 PM



#46
 Dibromomethane
 Concen: 18.265 ug/l
 RT: 6.56 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Tgt Ion: 93 Resp: 19575
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.5 99.7
 174 92.4 72.5 108.7





#47

Bromodichloromethane

Concen: 17.847 ug/l

RT: 6.76 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

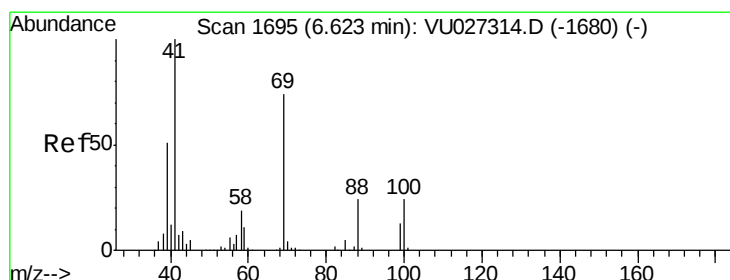
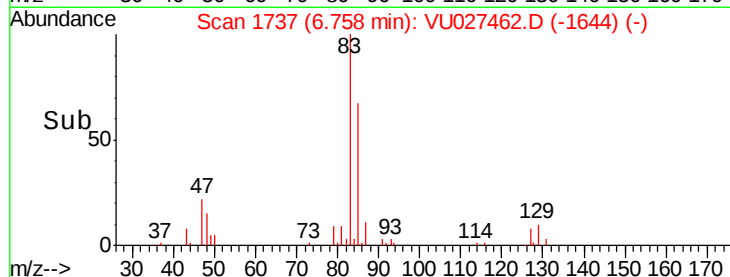
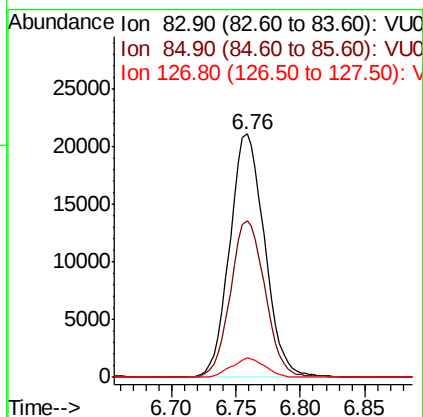
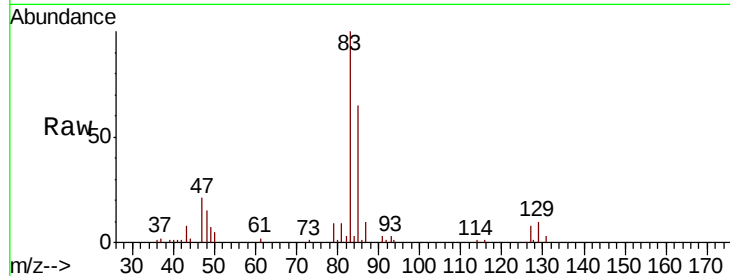
ClientSampleId :

VU1006WBSD01

Tot Ion:	83	Resp:	39688
Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.4	77.0
127	7.8	6.3	9.5

Manual Integrations
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10/8/2018 2:05:19 PM



#48

Methyl methacrylate

Concen: 17.827 ug/l

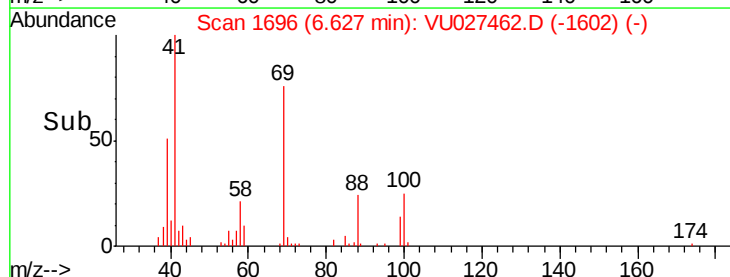
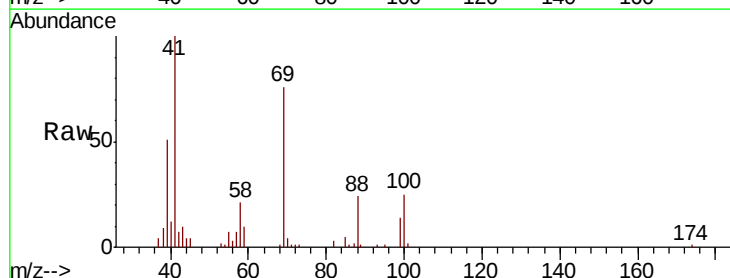
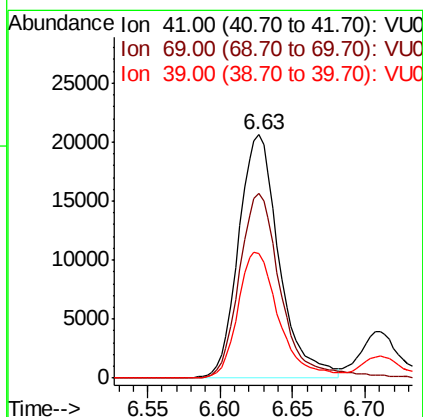
RT: 6.63 min Scan# 1696

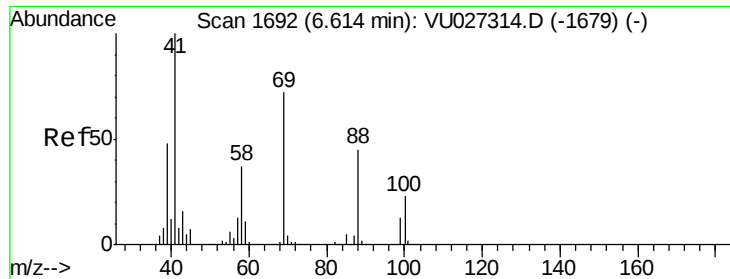
Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Tgt Ion:	41	Resp:	40189
Ion	Ratio	Lower	Upper
41	100		
69	77.8	61.0	91.4
39	52.0	39.9	59.9





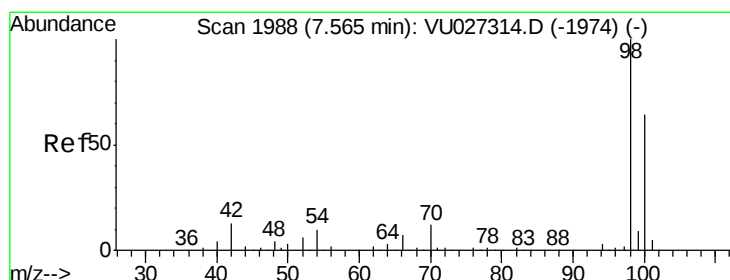
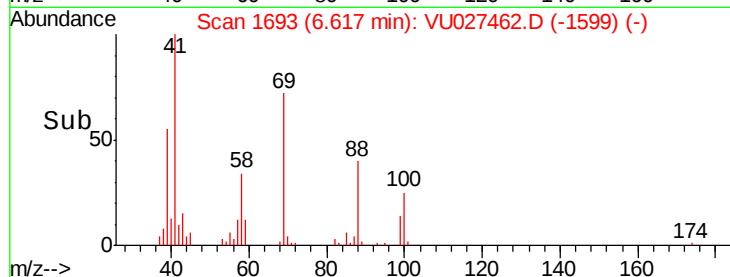
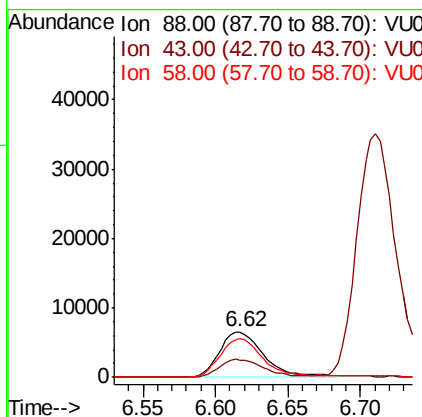
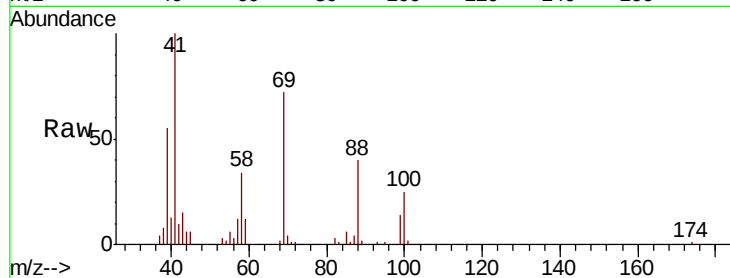
#49
1,4-Dioxane
Concen: 359.097 ug/l
RT: 6.62 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.6	30.8	46.2
58	82.0	67.0	100.6

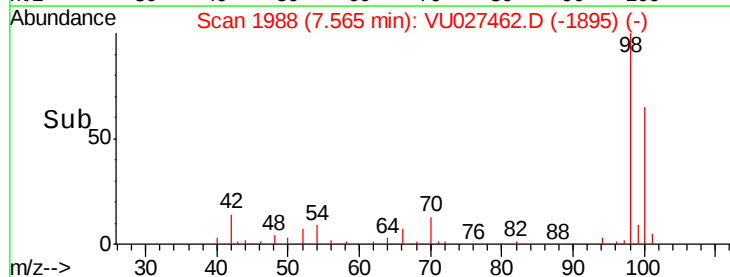
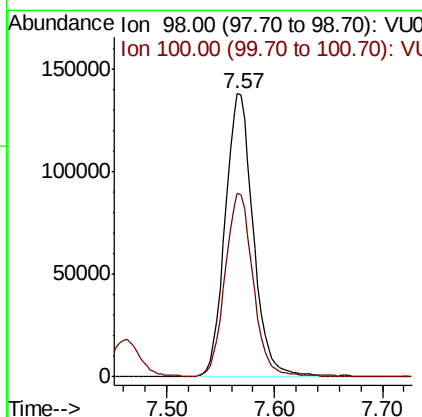
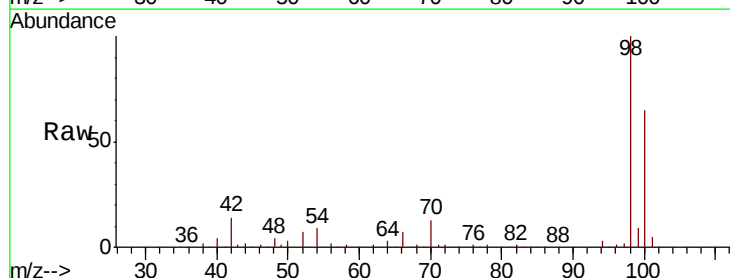
Manual Integrations
APPROVED

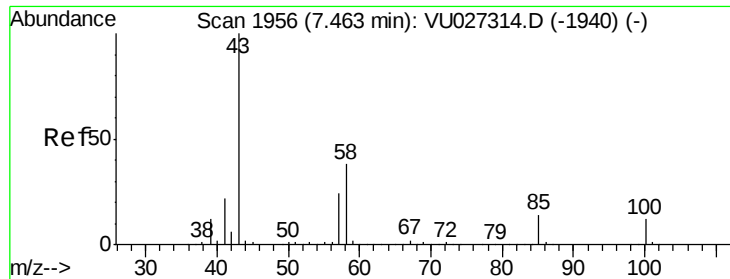
MMDadoda
10/8/2018 2:05:19 PM



#50
Toluene-d8
Concen: 46.979 ug/l
RT: 7.57 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 92.322 ug/l

RT: 7.46 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion: 43 Resp: 271969

Ion Ratio Lower Upper

43 100

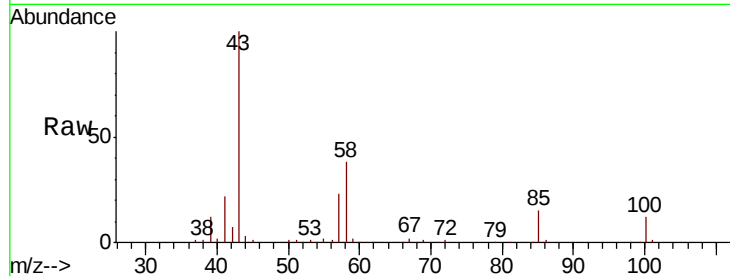
58 37.4 29.8 44.8

Manual Integrations

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MMDadoda

10/8/2018 2:05:19 PM



Abundance Ion 43.00 (42.70 to 43.70): VU027314.D (-1940) (-)

Ion 58.00 (57.70 to 58.70): VU027314.D (-1940) (-)

7.46

150000

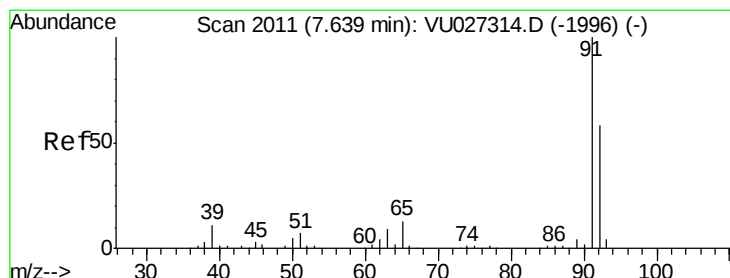
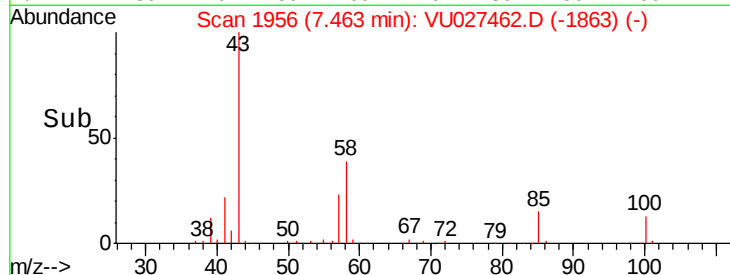
100000

50000

0

7.40 7.50

Time-->



#52

Toluene

Concen: 18.249 ug/l

RT: 7.64 min Scan# 2011

Delta R.T. 0.00 min

Lab File: VU027462.D

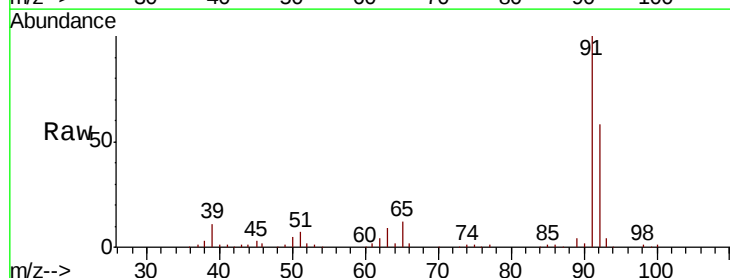
Acq: 05 Oct 2018 18:46

Tgt Ion: 92 Resp: 71061

Ion Ratio Lower Upper

92 100

91 172.5 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VU027314.D (-1996) (-)

Ion 91.00 (90.70 to 91.70): VU027314.D (-1996) (-)

7.64

80000

60000

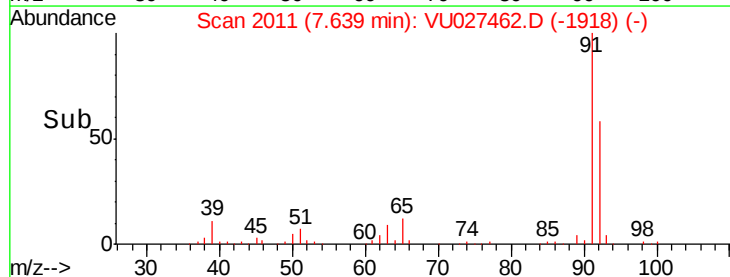
40000

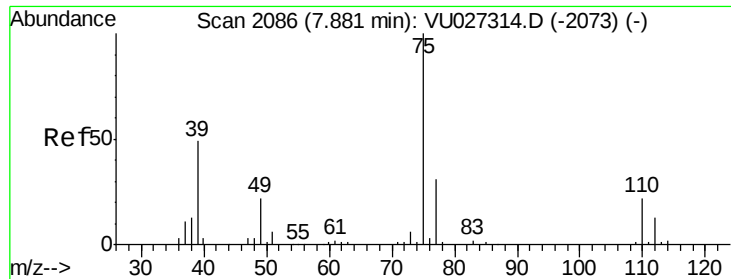
20000

0

7.55 7.60 7.65 7.70 7.75

Time-->





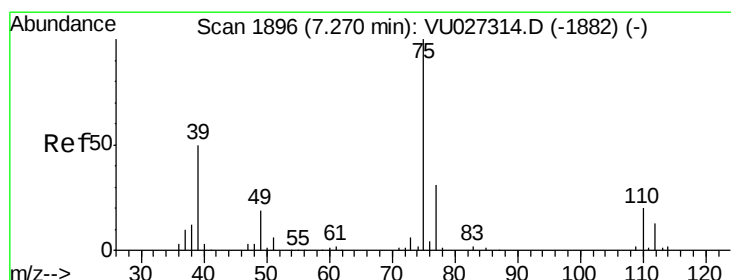
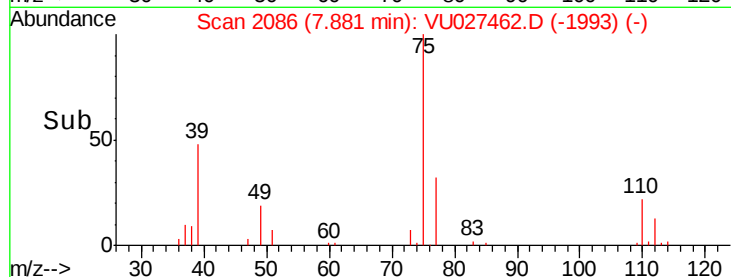
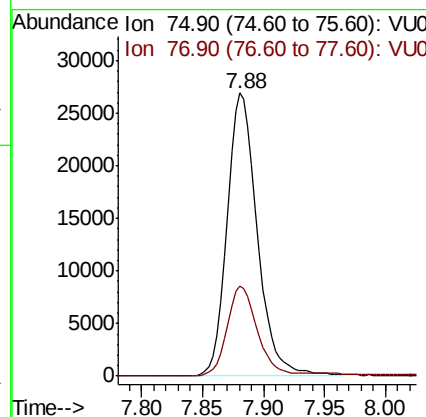
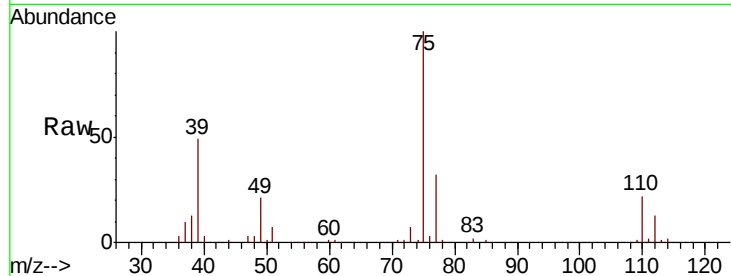
#53
t-1,3-Dichloropropene
Concen: 17.996 ug/l
RT: 7.88 min Scan# 2086
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion: 75 Resp: 46923
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.6

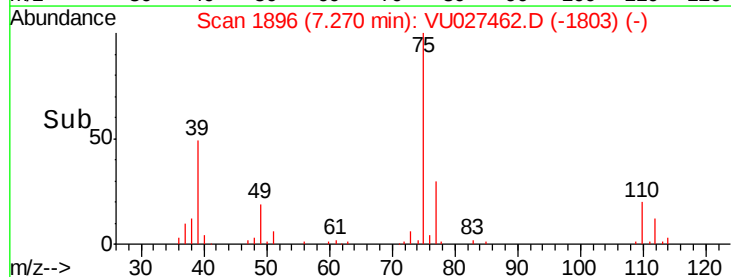
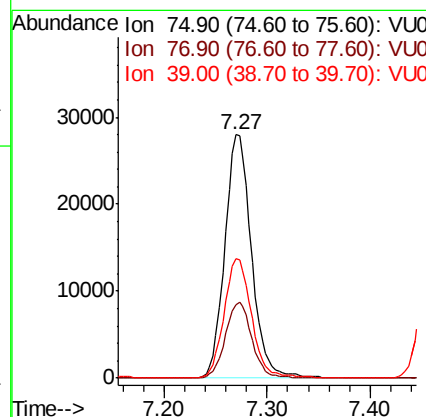
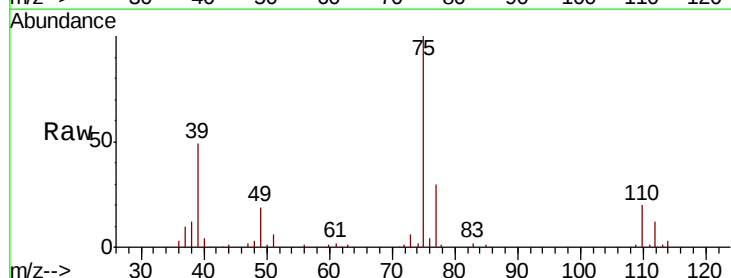
Manual Integrations
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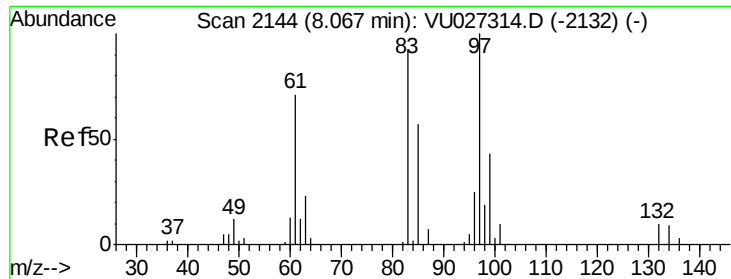
MMDadoda
10/8/2018 2:05:19 PM



#54
cis-1,3-Dichloropropene
Concen: 17.988 ug/l
RT: 7.27 min Scan# 1896
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion: 75 Resp: 50421
Ion Ratio Lower Upper
75 100
77 30.3 24.5 36.7
39 49.2 40.1 60.1





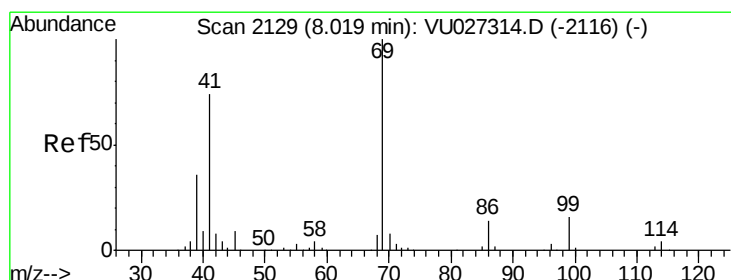
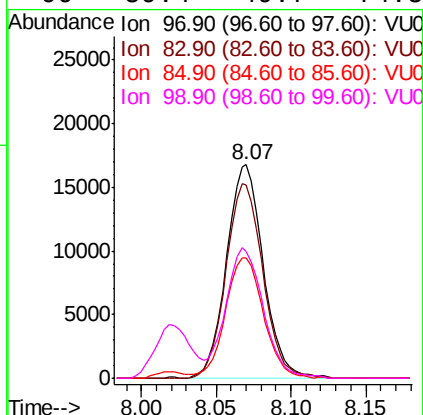
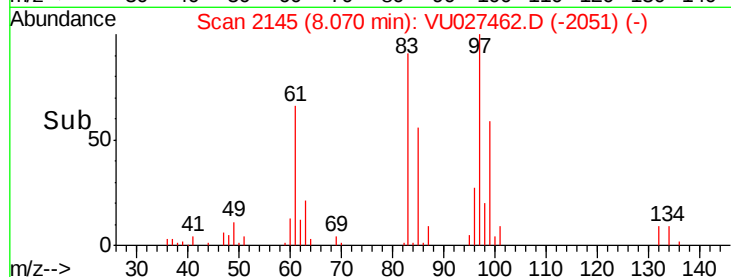
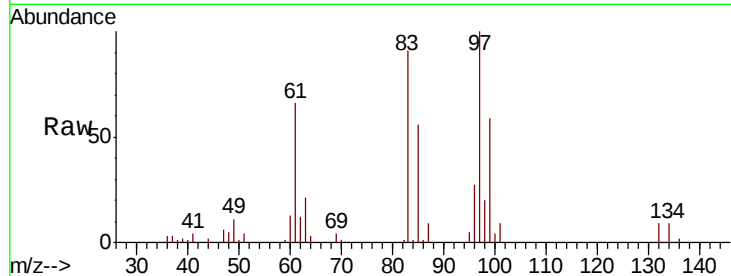
#55
 1,1,2-Trichloroethane
 Concen: 18.630 ug/l
 RT: 8.07 min Scan# 2145
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBSD01

Tot Ion:	97	Resp:	28763
Ion	Ratio	Lower	Upper
97	100		
83	90.8	73.0	109.6
85	56.4	47.3	70.9
99	59.4	49.7	74.5

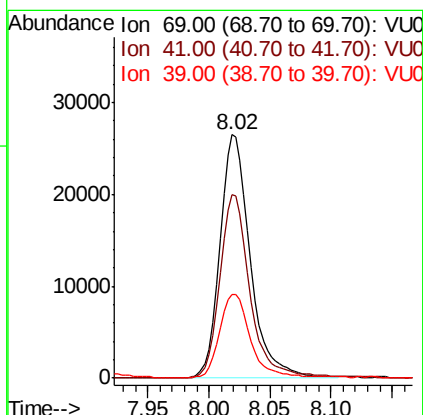
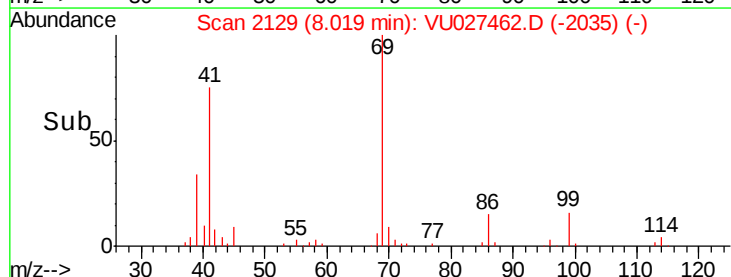
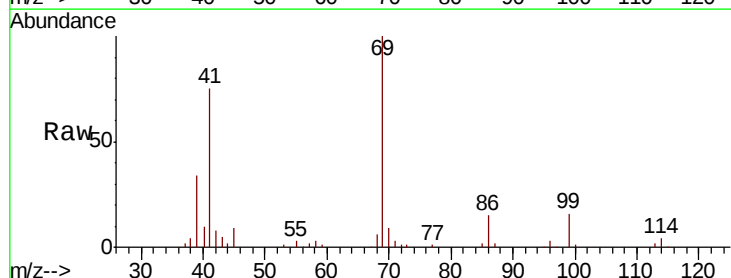
Manual Integrations
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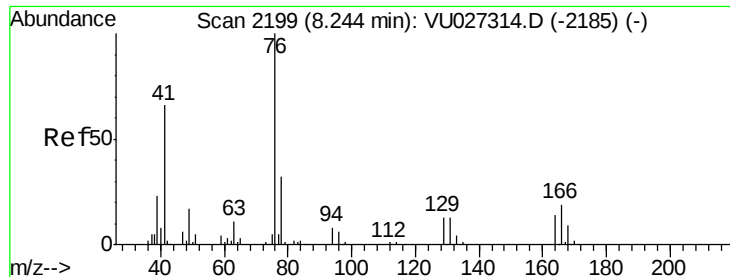
MMDadoda
 10/8/2018 2:05:19 PM



#56
 Ethyl methacrylate
 Concen: 17.249 ug/l
 RT: 8.02 min Scan# 2129
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Tgt Ion:	69	Resp:	46389
Ion	Ratio	Lower	Upper
69	100		
41	74.9	60.0	90.0
39	35.3	29.5	44.3





#57

1,3-Dichloropropane

Concen: 18.173 ug/l

RT: 8.24 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion: 76 Resp: 54467

Ion Ratio Lower Upper

76 100

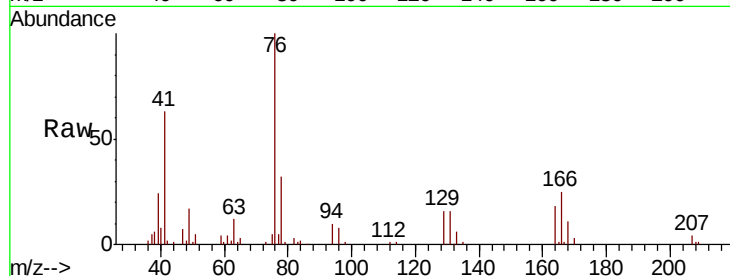
78 31.8 25.8 38.6

Manual Integrations

APPROVED

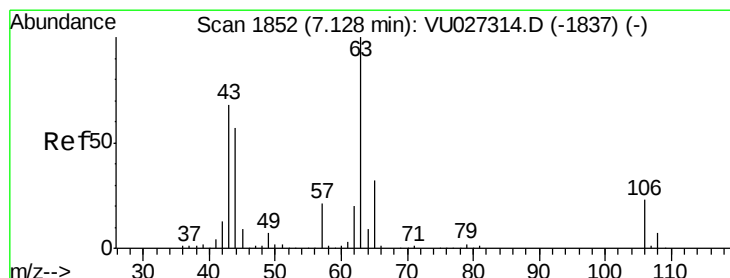
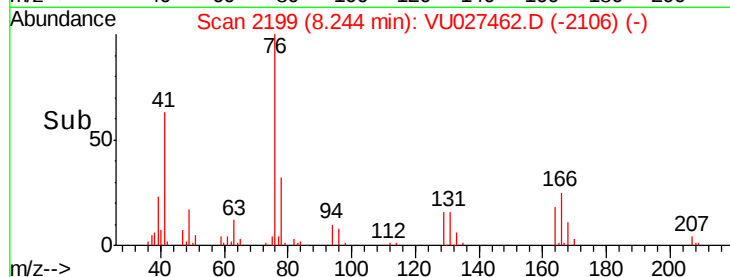
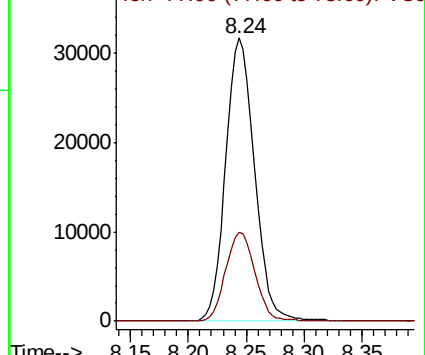
MMDadoda

10/8/2018 2:05:19 PM



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0



#58

2-Chloroethyl Vinyl ether

Concen: 90.398 ug/l

RT: 7.13 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VU027462.D

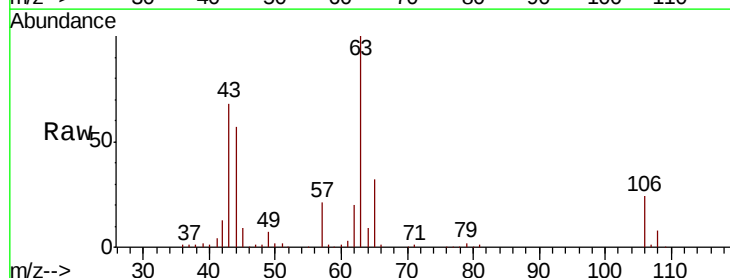
Acq: 05 Oct 2018 18:46

Tgt Ion: 63 Resp: 137951

Ion Ratio Lower Upper

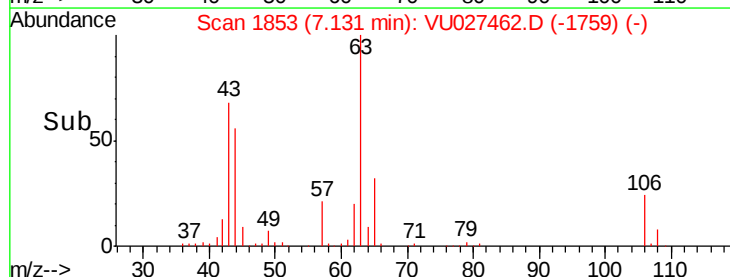
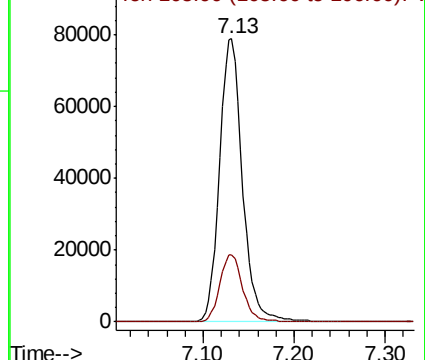
63 100

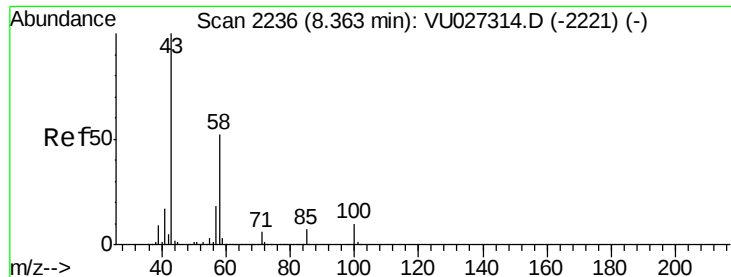
106 23.7 18.5 27.7



Abundance Ion 62.90 (62.60 to 63.60): VU0

Ion 105.90 (105.60 to 106.60): V





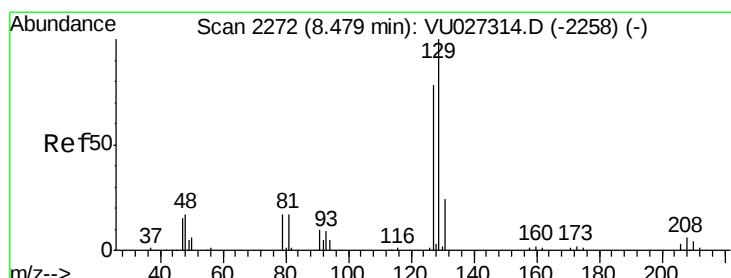
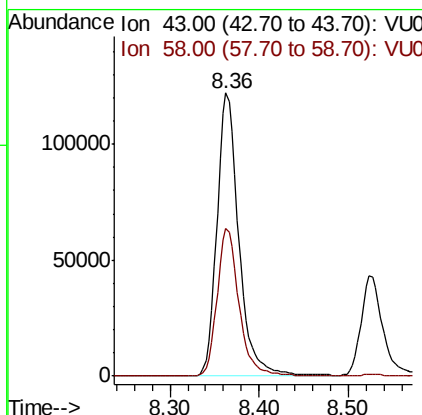
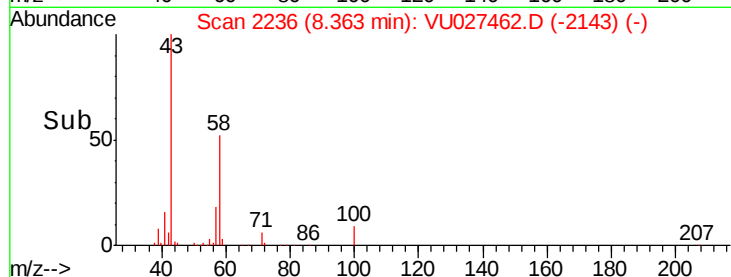
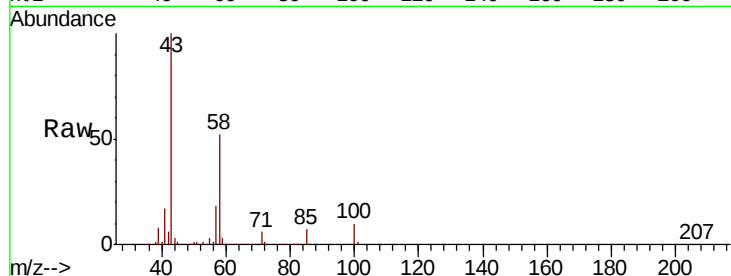
#59
2-Hexanone
Concen: 91.146 ug/l
RT: 8.36 min Scan# 2236
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion: 43 Resp: 208286
Ion Ratio Lower Upper
43 100
58 52.2 26.1 78.3

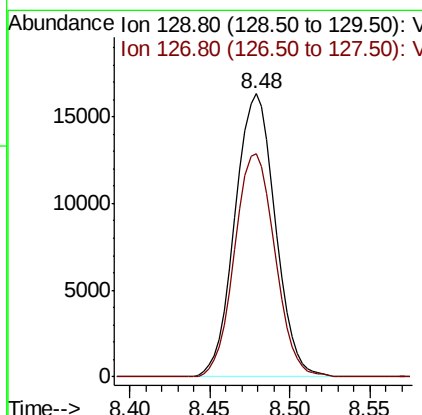
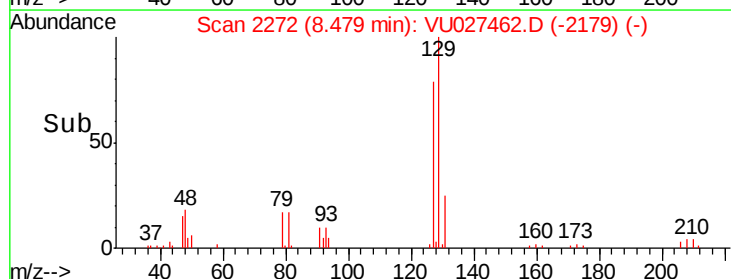
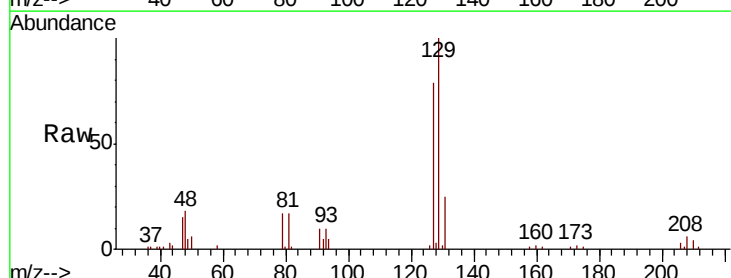
Manual Integrations
APPROVED

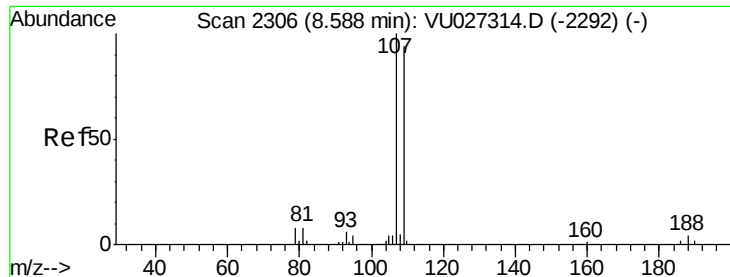
MMDadoda
10/8/2018 2:05:19 PM



#60
Dibromochloromethane
Concen: 18.145 ug/l
RT: 8.48 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion:129 Resp: 28096
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.125 ug/l

RT: 8.59 min Scan# 2306

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion:107 Resp: 29752

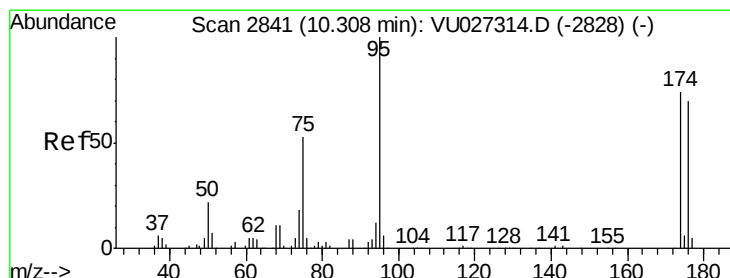
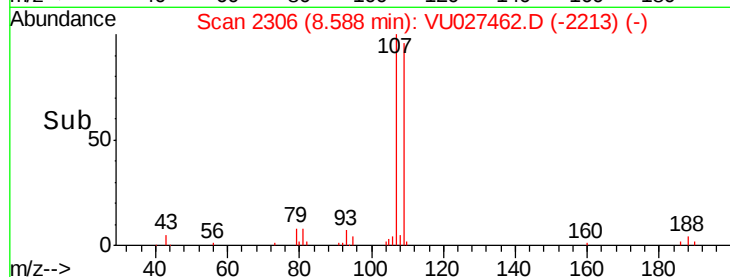
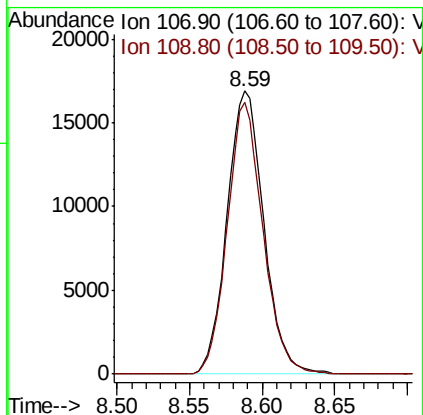
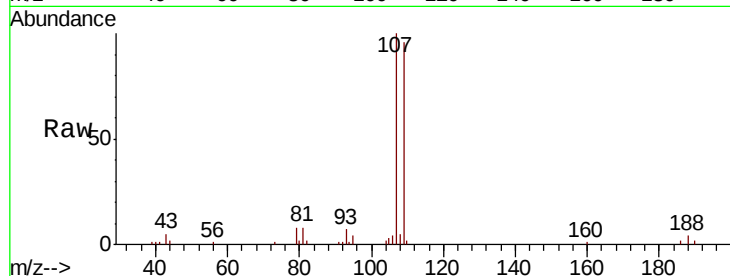
Ion Ratio Lower Upper

107 100

109 92.8 74.5 111.7

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 47.986 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

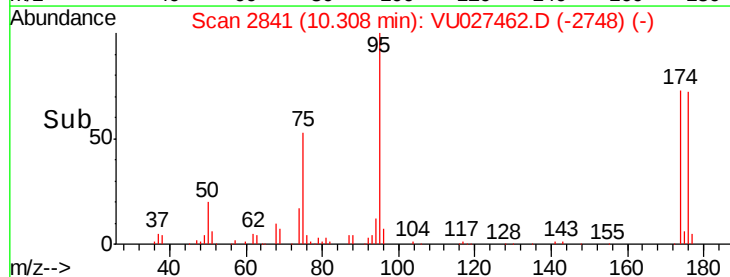
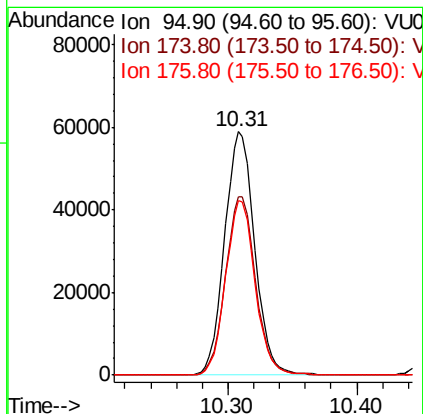
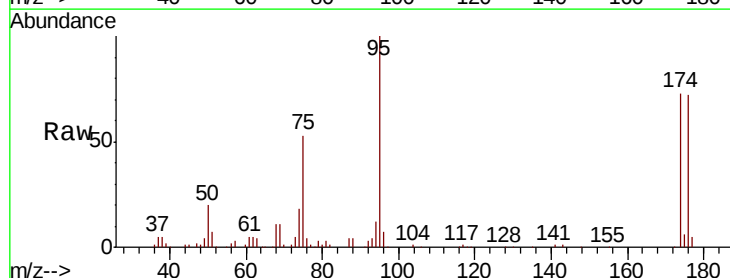
Tgt Ion: 95 Resp: 95149

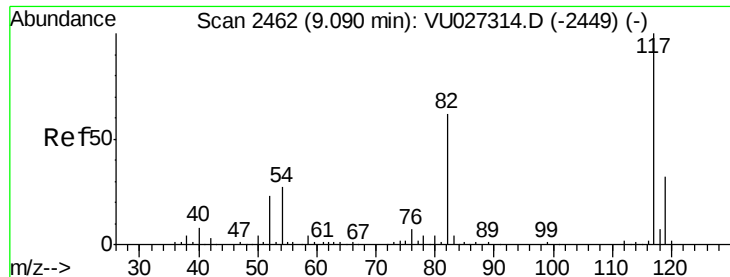
Ion Ratio Lower Upper

95 100

174 73.2 0.0 147.8

176 70.4 0.0 140.8





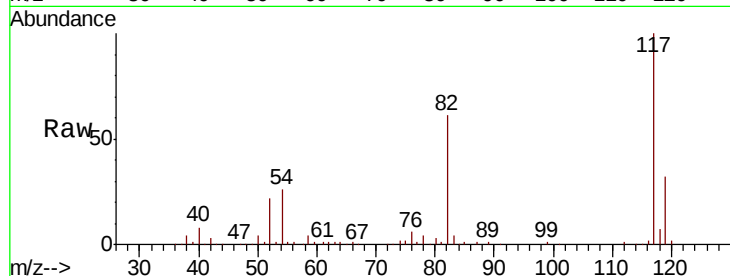
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.09 min Scan# 2462
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	49.2	73.8
119	31.5	25.7	38.5

Manual Integrations
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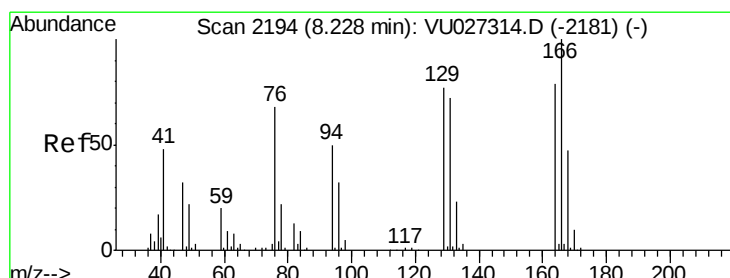
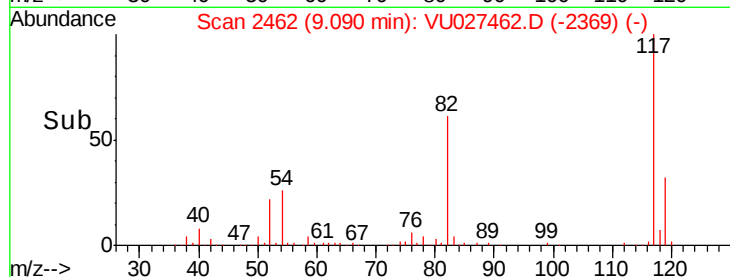
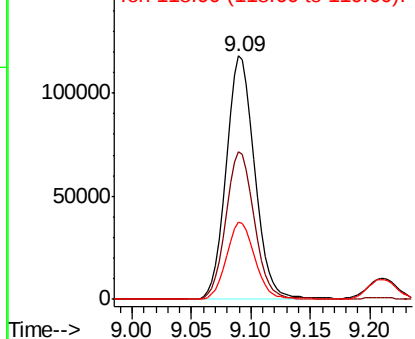


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 18.584 ug/l
RT: 8.23 min Scan# 2194
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	101.0	151.6
129	95.6	78.0	117.0
131	91.2	72.6	109.0

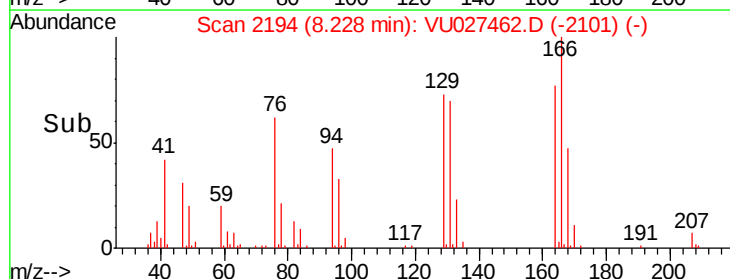
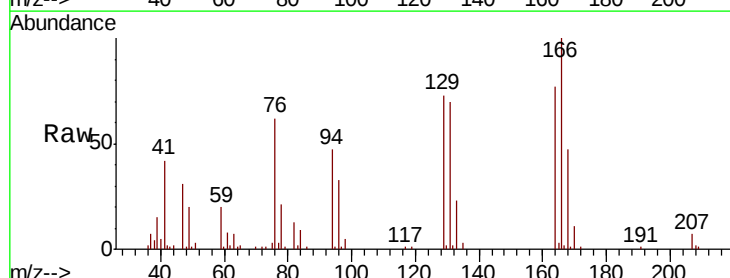
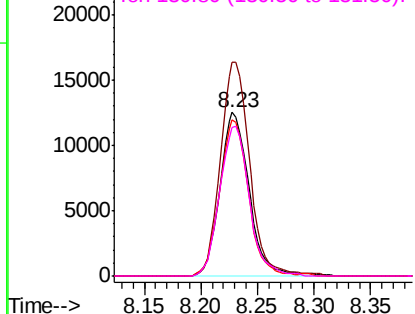
Abundance

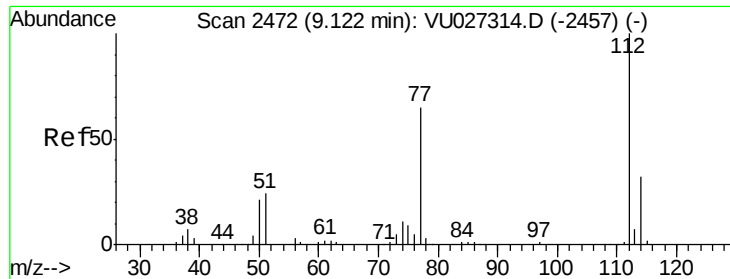
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





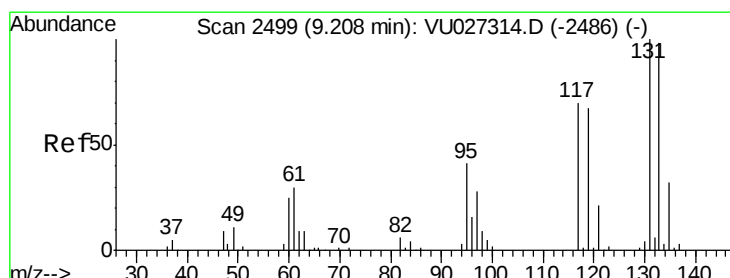
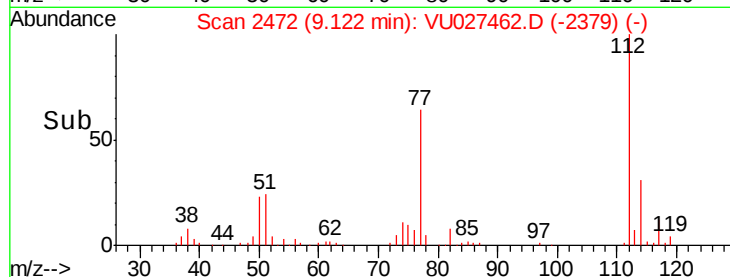
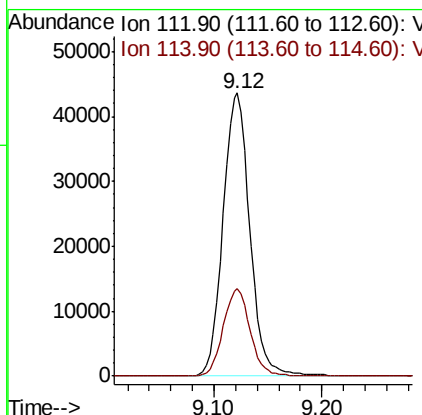
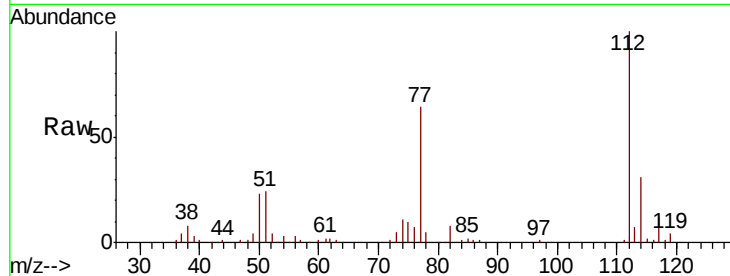
#65
Chlorobenzene
Concen: 18.270 ug/l
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion:112 Resp: 75442
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6

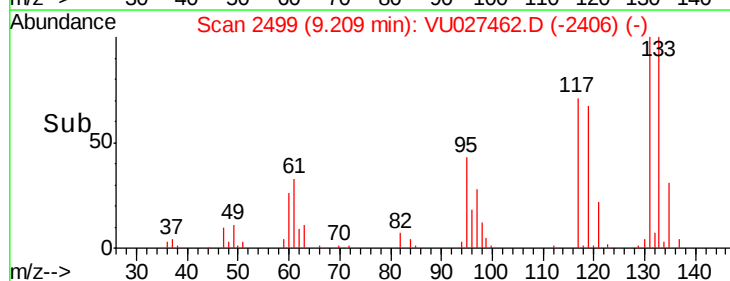
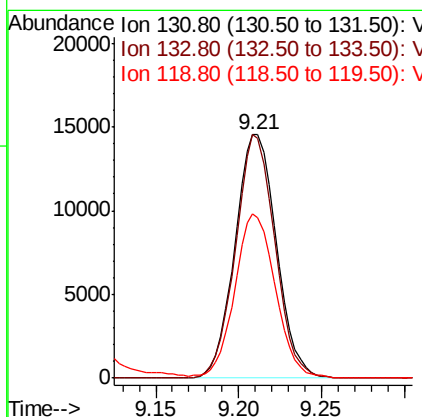
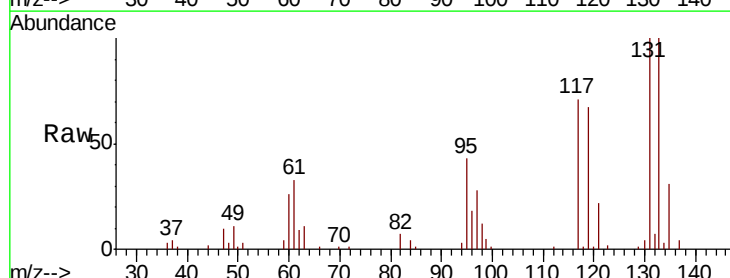
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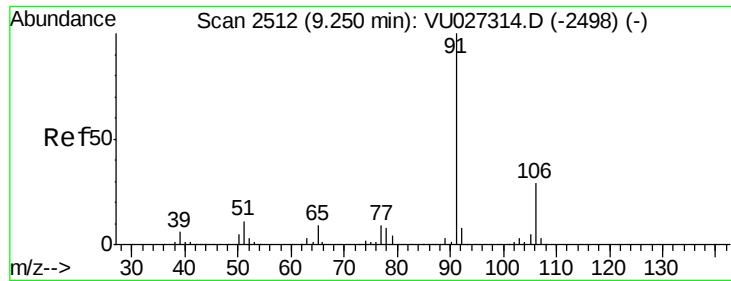
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.770 ug/l
RT: 9.21 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion:131 Resp: 25332
Ion Ratio Lower Upper
131 100
133 94.9 48.5 145.6
119 66.1 33.5 100.4





#67

Ethyl Benzene

Concen: 18.043 ug/l

RT: 9.25 min Scan# 2512

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion: 91 Resp: 132008

Ion Ratio Lower Upper

91 100

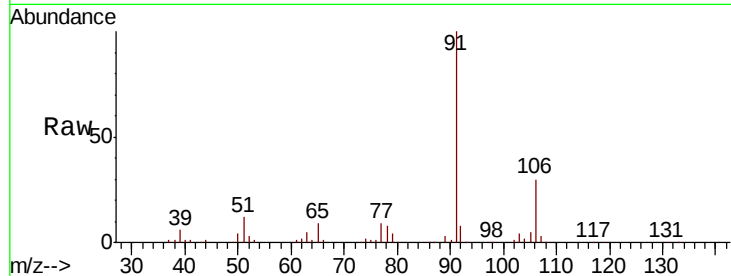
106 29.7 23.6 35.4

Manual Integrations

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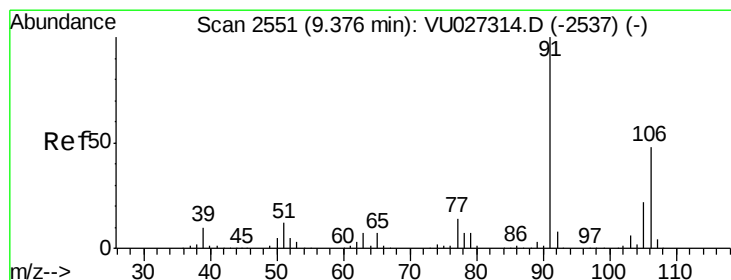
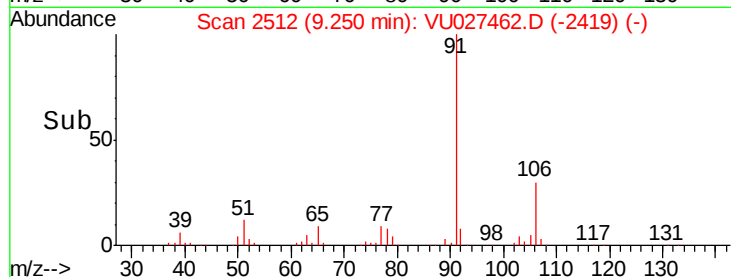
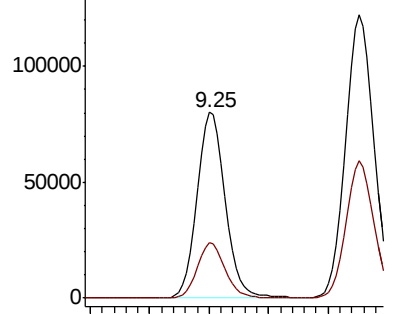
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Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2498) (-)

Ion 106.00 (105.70 to 106.70): VU027314.D (-2498) (-)



#68

m/p-Xylenes

Concen: 36.696 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027462.D

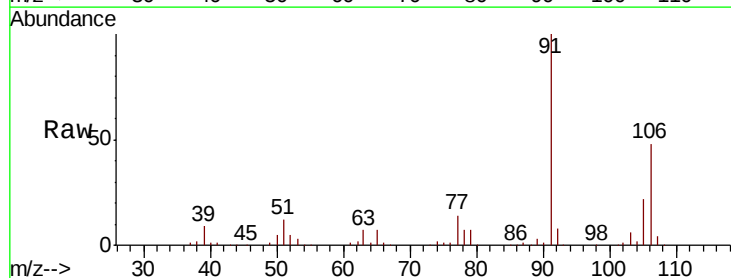
Acq: 05 Oct 2018 18:46

Tgt Ion: 106 Resp: 98202

Ion Ratio Lower Upper

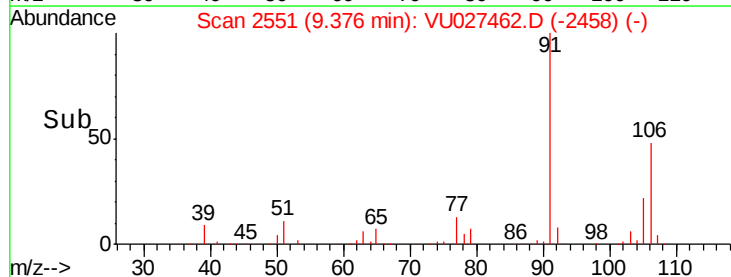
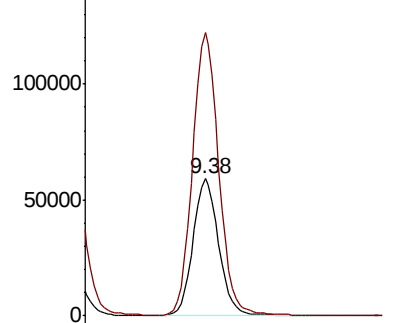
106 100

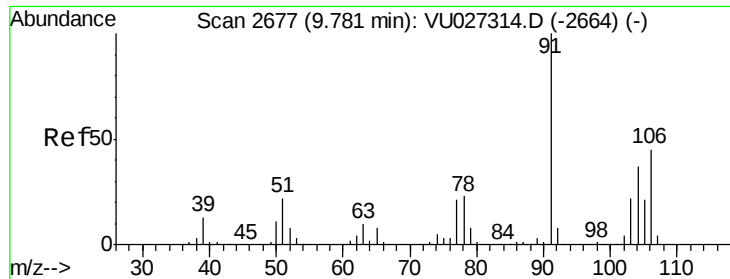
91 210.1 168.1 252.1



Abundance Ion 106.00 (105.70 to 106.70): VU027314.D (-2537) (-)

Ion 91.00 (90.70 to 91.70): VU027314.D (-2537) (-)





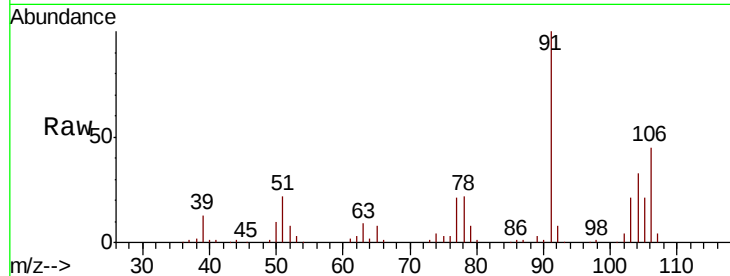
#69
o-Xylene
Concen: 18.160 ug/l
RT: 9.78 min Scan# 2677
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

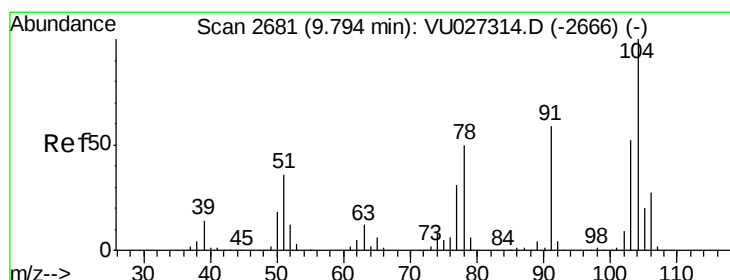
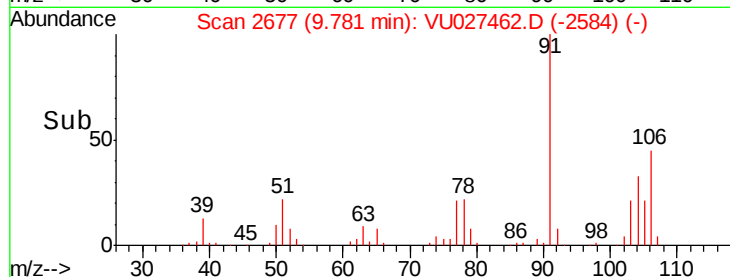
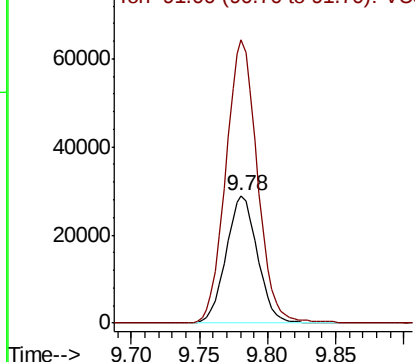
Tot Ion:106 Resp: 46183
Ion Ratio Lower Upper
106 100
91 223.3 111.7 334.9

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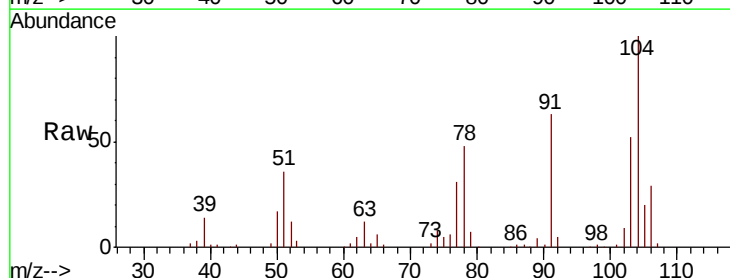


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

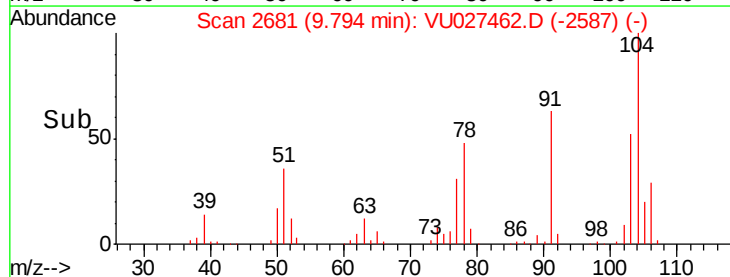
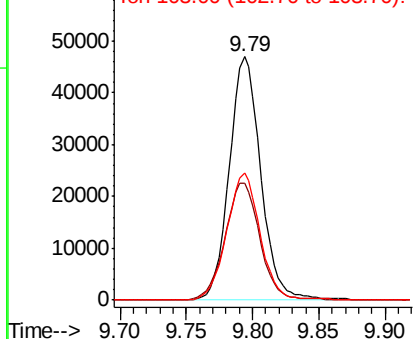


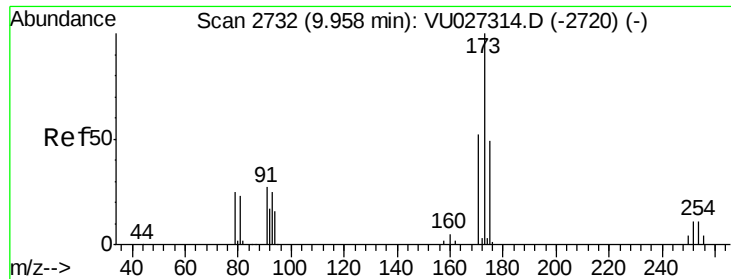
#70
Styrene
Concen: 17.871 ug/l
RT: 9.79 min Scan# 2681
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion:104 Resp: 77590
Ion Ratio Lower Upper
104 100
78 53.3 42.9 64.3
103 55.4 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





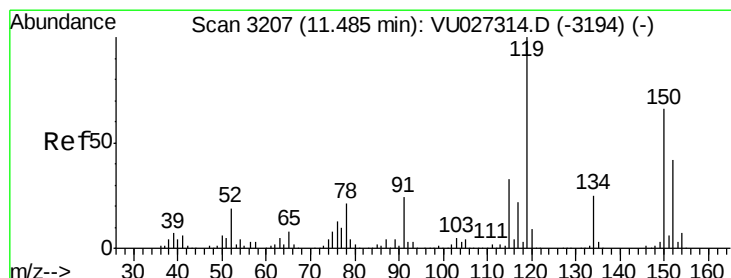
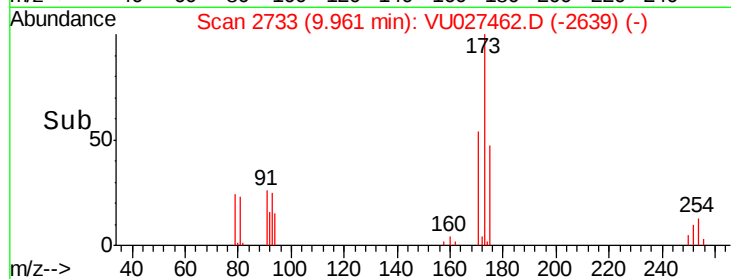
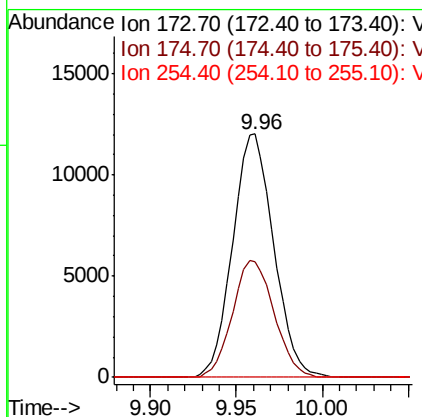
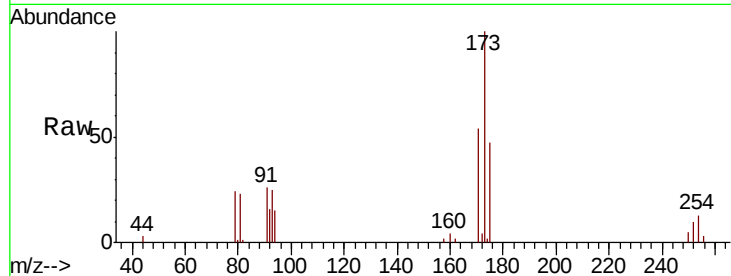
#71
Bromoform
Concen: 17.363 ug/l
RT: 9.96 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.3	73.0
254	0.0	0.0	0.0

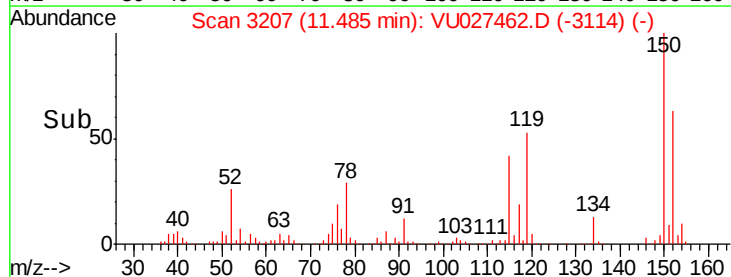
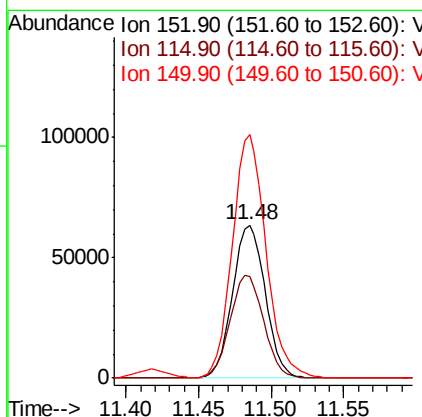
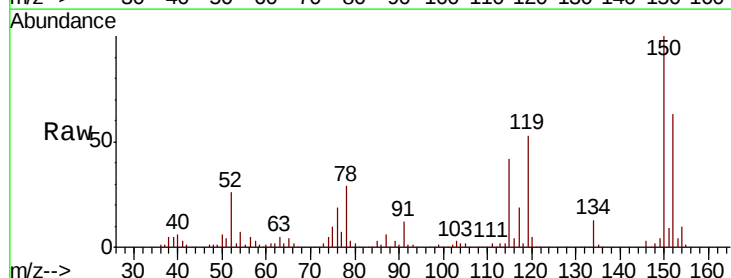
Manual Integrations
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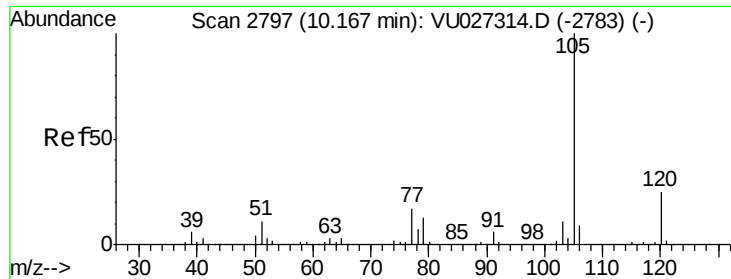
MMDadoda
10/8/2018 2:05:19 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.48 min Scan# 3207
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.0	43.4	130.2
150	163.5	0.0	349.2





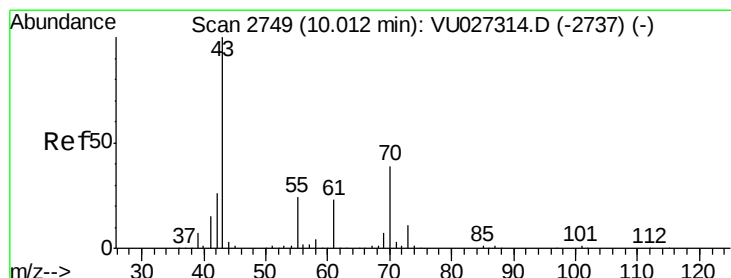
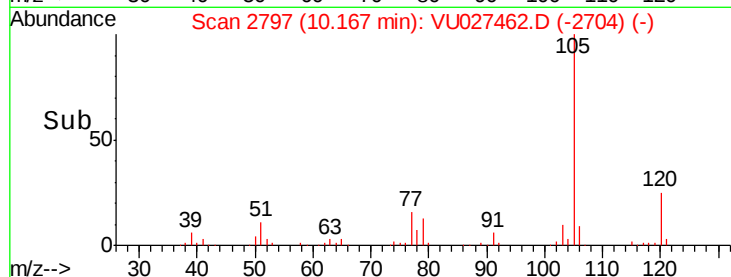
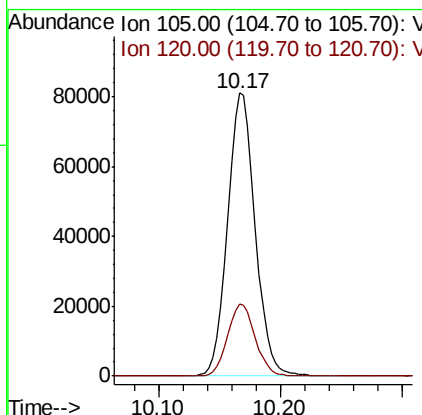
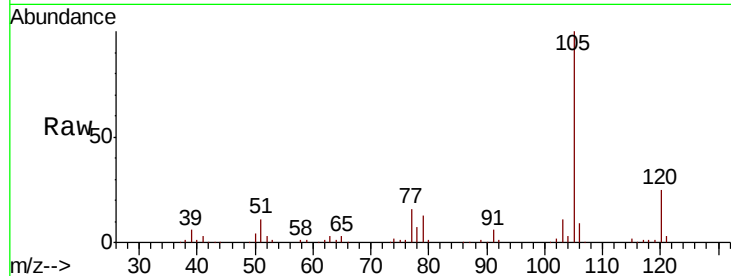
#73
Isopropylbenzene
Concen: 17.711 ug/l
RT: 10.17 min Scan# 2797
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.6	12.6	37.8

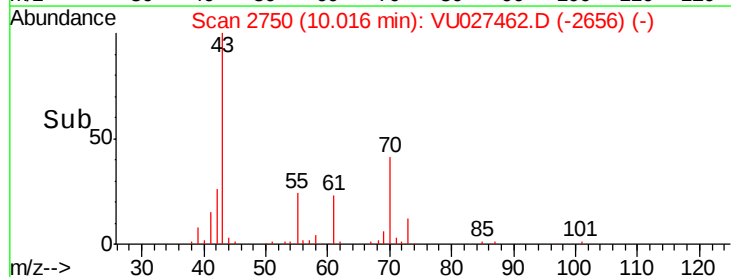
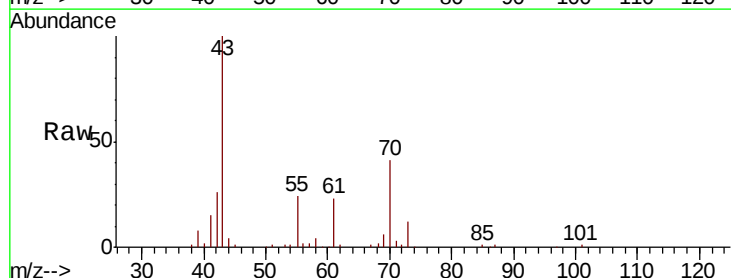
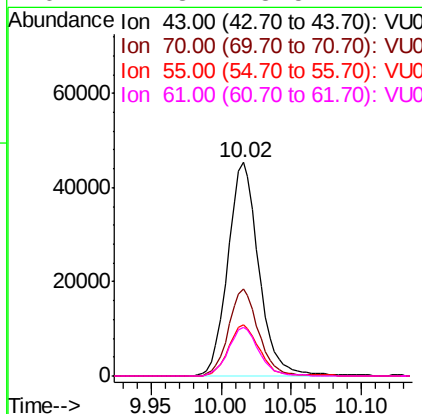
Manual Integrations
APPROVED

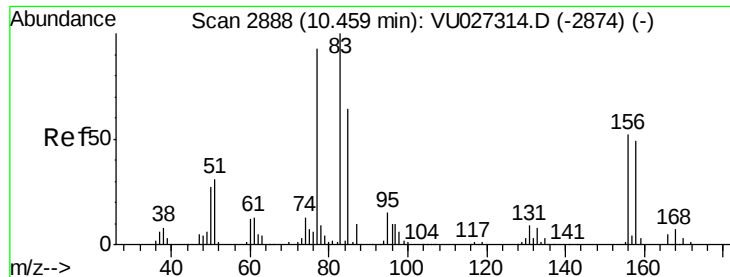
MMDadoda
10/8/2018 2:05:19 PM



#74
N-ethyl acetate
Concen: 16.779 ug/l
RT: 10.02 min Scan# 2750
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.6	31.3	46.9
55	24.0	19.0	28.6
61	22.3	18.5	27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 17.538 ug/l

RT: 10.46 min Scan# 2888

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

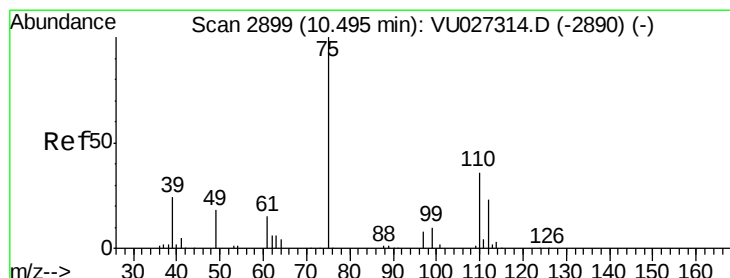
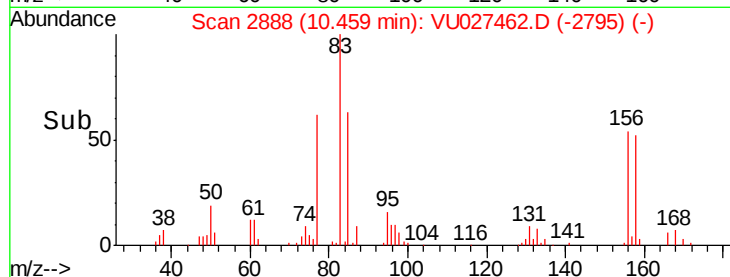
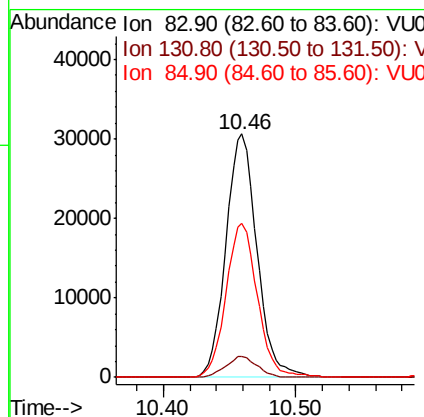
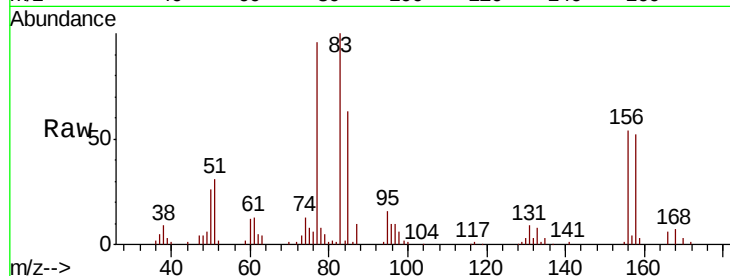
ClientSampleId :

VU1006WBSD01

Tot Ion:	83	Resp:	49936
Ion Ratio	Lower	Upper	
83	100		
131	8.5	4.4	13.2
85	63.8	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.223 ug/l m

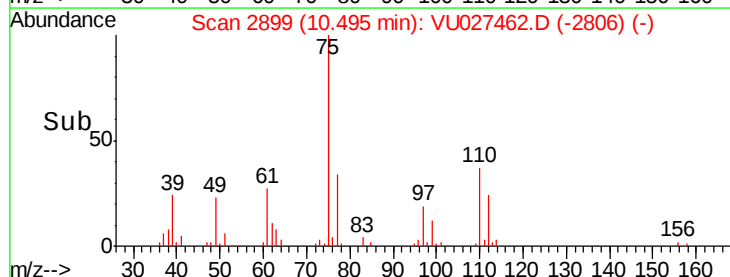
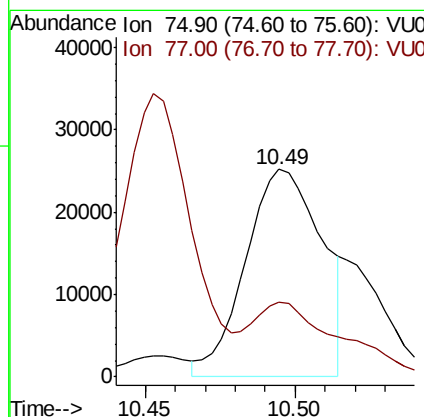
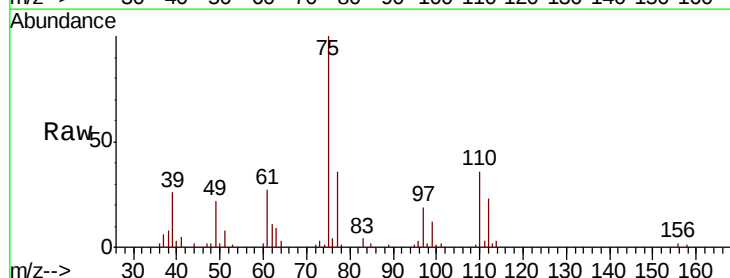
RT: 10.49 min Scan# 2899

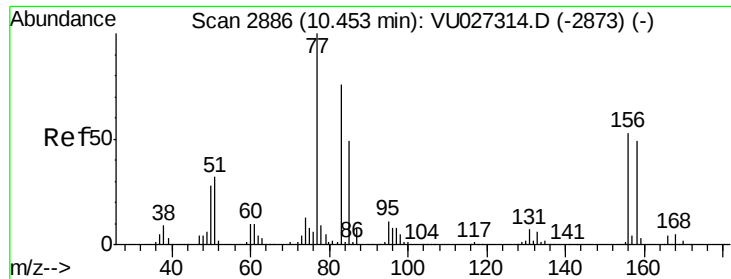
Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Tgt Ion:	75	Resp:	44574
Ion Ratio	Lower	Upper	
75	100		
77	41.5	20.3	60.9





#77

Bromobenzene

Concen: 17.908 ug/l

RT: 10.46 min Scan# 2887

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion:156 Resp: 30179

Ion Ratio Lower Upper

156 100

77 183.9 94.8 284.4

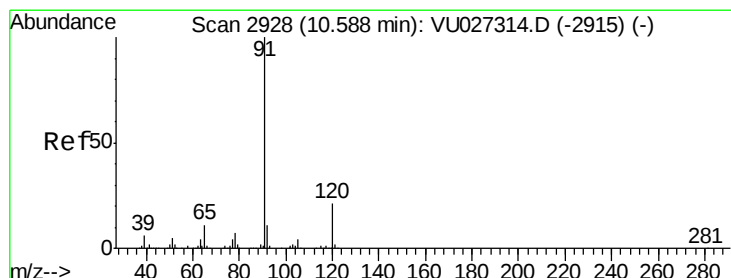
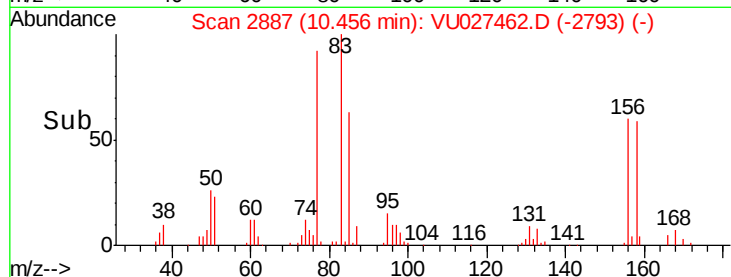
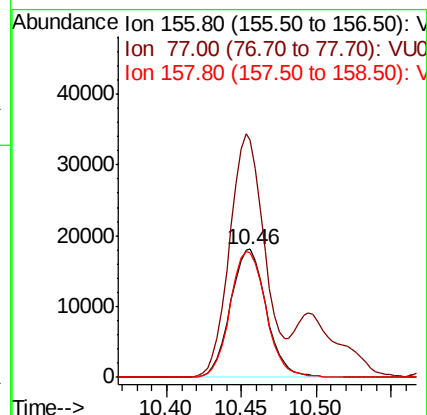
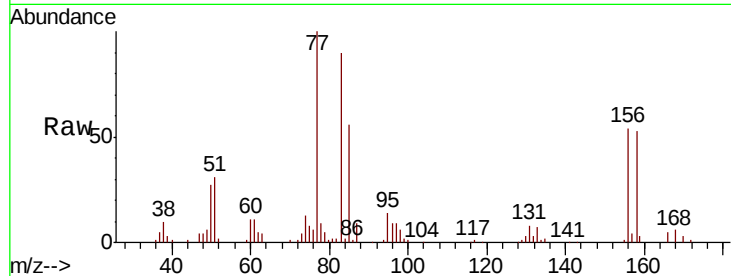
158 98.5 47.4 142.3

Manual Integrations

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#78

n-propylbenzene

Concen: 18.030 ug/l

RT: 10.59 min Scan# 2928

Delta R.T. 0.00 min

Lab File: VU027462.D

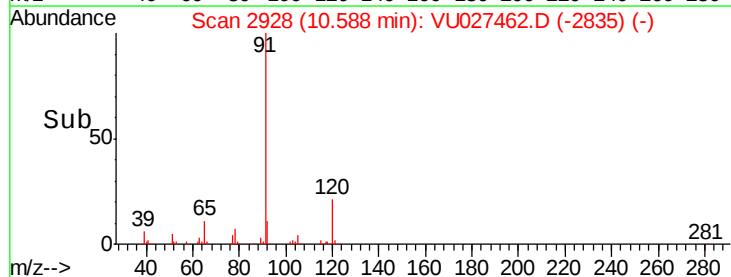
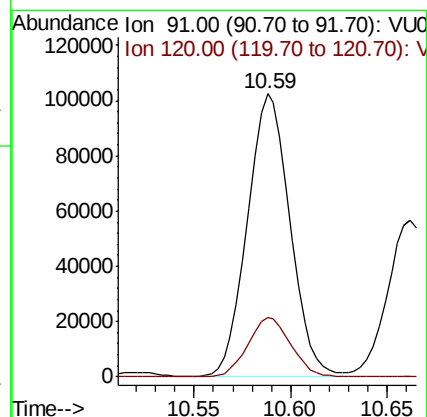
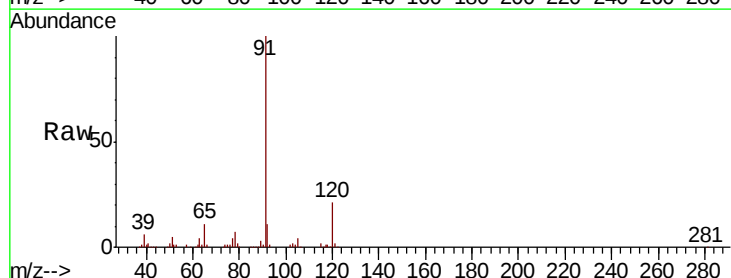
Acq: 05 Oct 2018 18:46

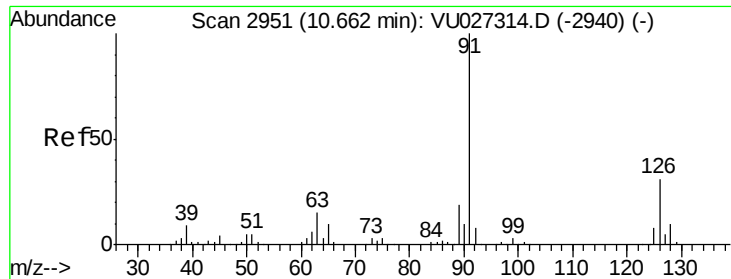
Tgt Ion: 91 Resp: 157100

Ion Ratio Lower Upper

91 100

120 21.1 10.6 31.8





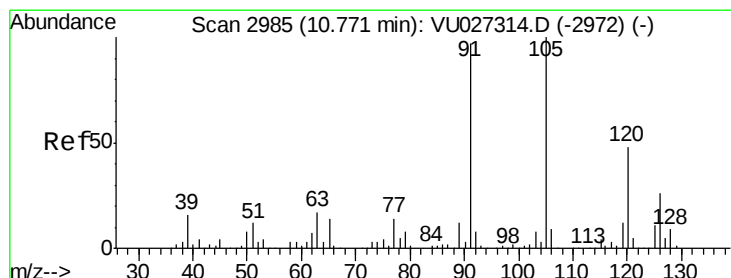
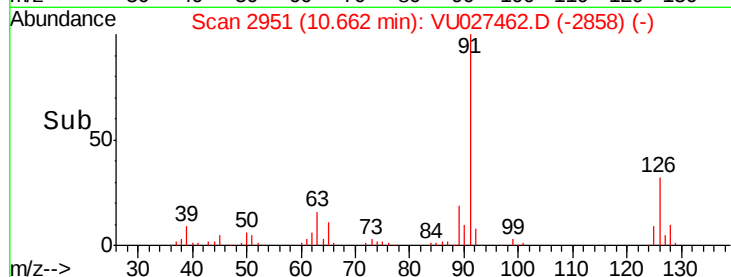
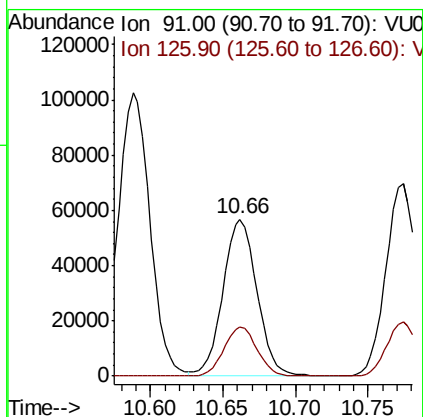
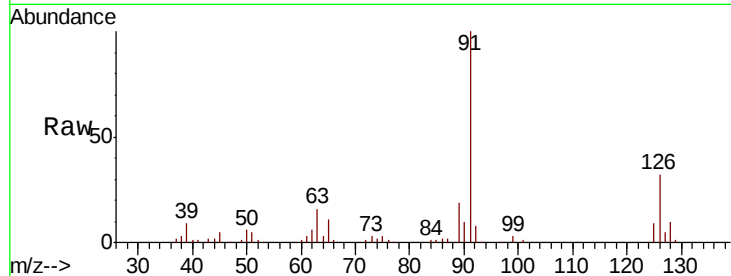
#79
 2-Chlorotoluene
 Concen: 17.484 ug/l
 RT: 10.66 min Scan# 2951
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBSD01

Tot Ion: 91 Resp: 91983
 Ion Ratio Lower Upper
 91 100
 126 30.9 15.7 47.1

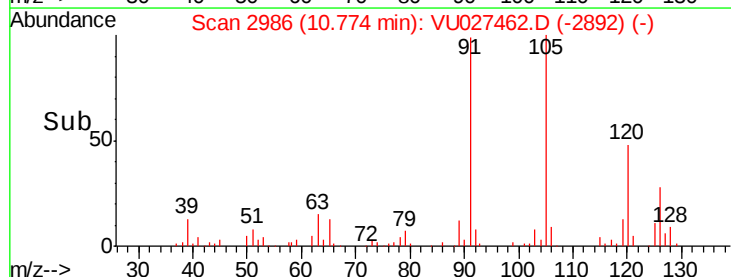
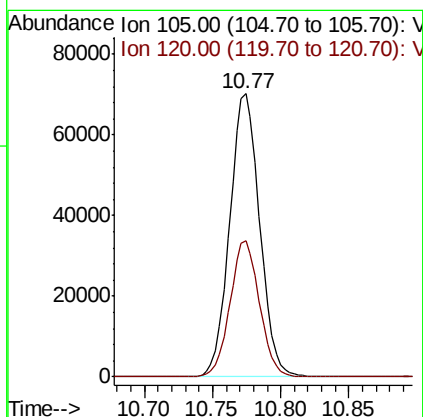
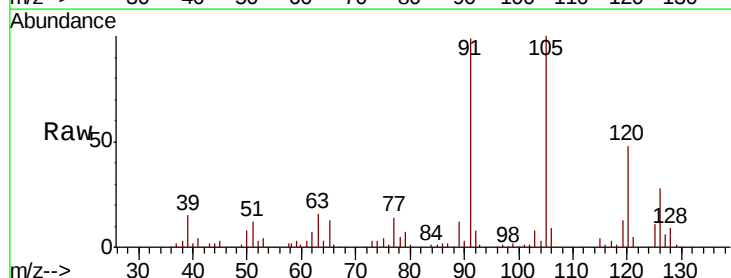
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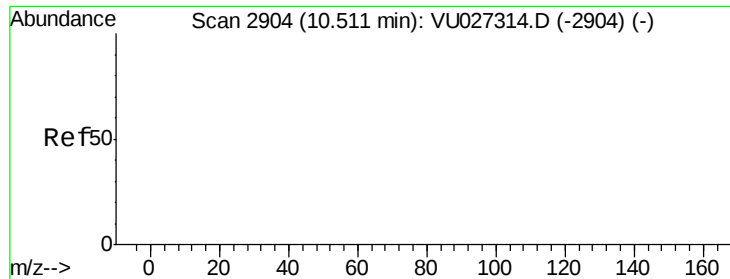
MMDadoda
 10/8/2018 2:05:19 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.138 ug/l
 RT: 10.77 min Scan# 2986
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Tgt Ion: 105 Resp: 107079
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.1 72.4





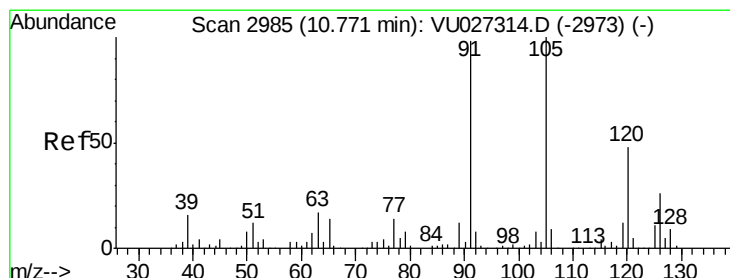
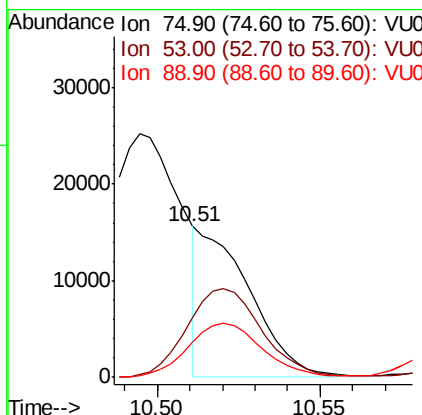
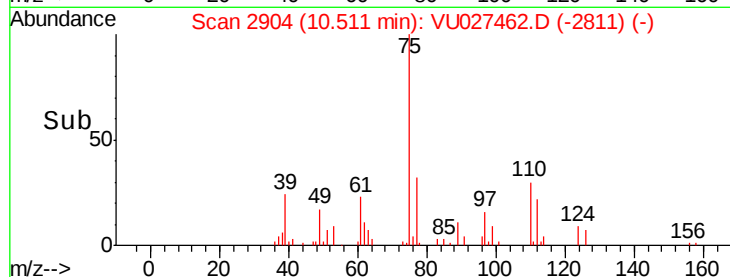
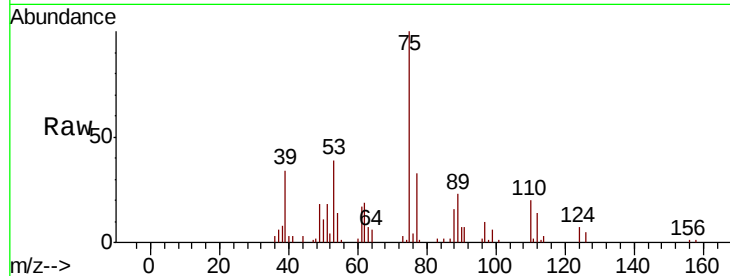
#81
trans-1,4-Dichloro-2-butene
Concen: 17.213 ug/l m
RT: 10.51 min Scan# 2904
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

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

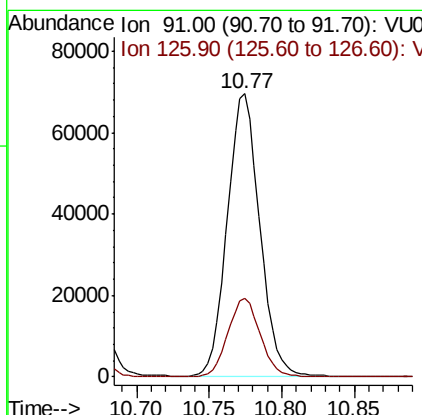
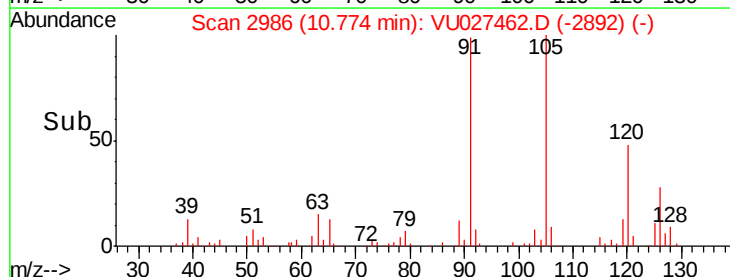
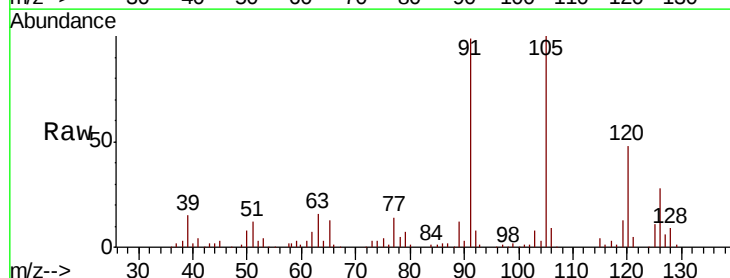
Manual Integrations
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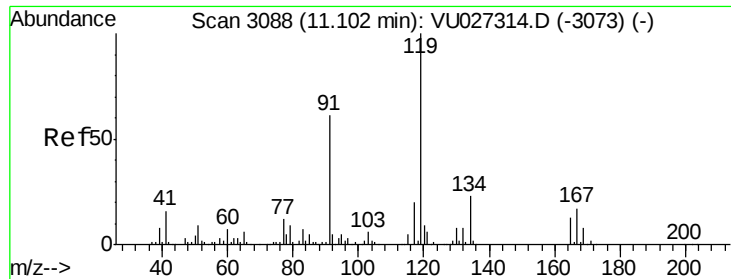
MMDadoda
10/8/2018 2:05:19 PM



#82
4-Chlorotoluene
Concen: 18.022 ug/l
RT: 10.77 min Scan# 2986
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.9	13.6	40.8





#83

tert-Butylbenzene

Concen: 17.673 ug/l

RT: 11.10 min Scan# 3088

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

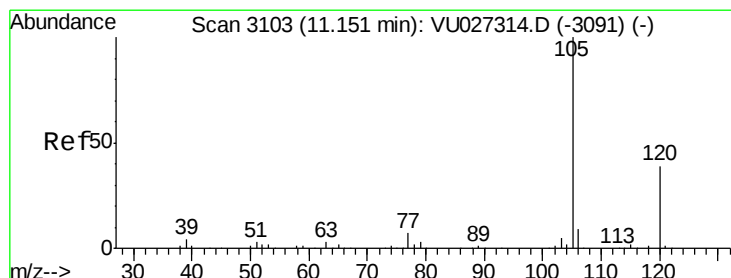
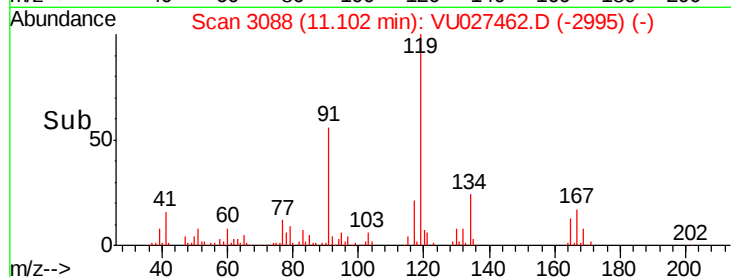
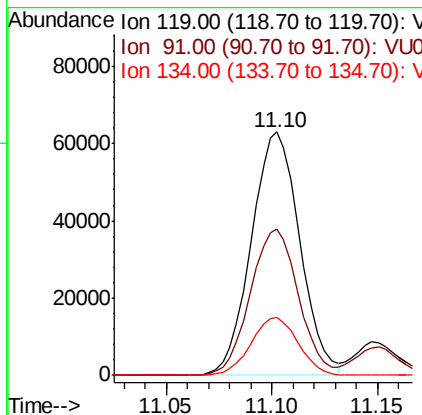
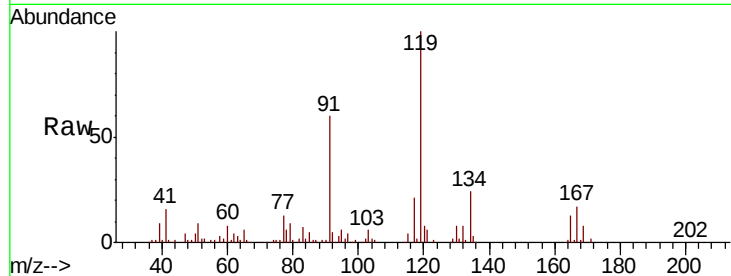
ClientSampleId :

VU1006WBSD01

Tot Ion:	119	Resp:	100864
Ion Ratio	Lower	Upper	
119	100		
91	59.8	30.3	91.0
134	23.2	11.5	34.4

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#84

1,2,4-Trimethylbenzene

Concen: 18.077 ug/l

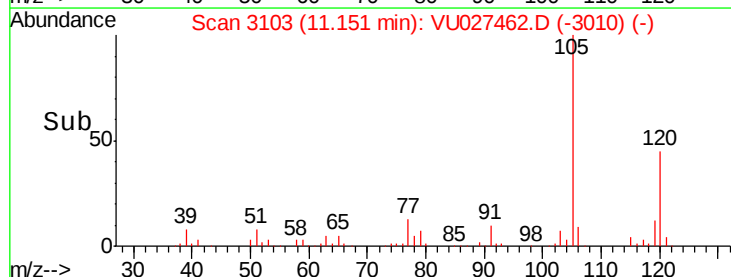
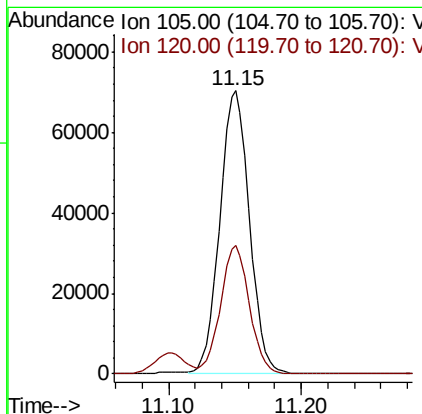
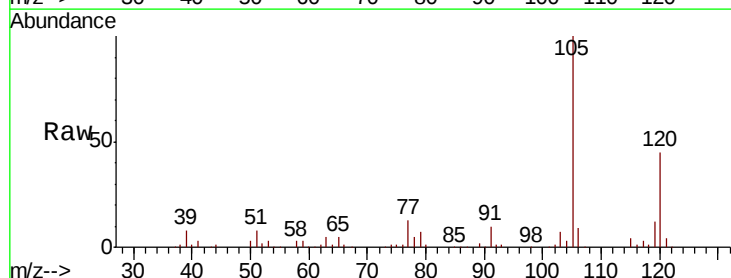
RT: 11.15 min Scan# 3103

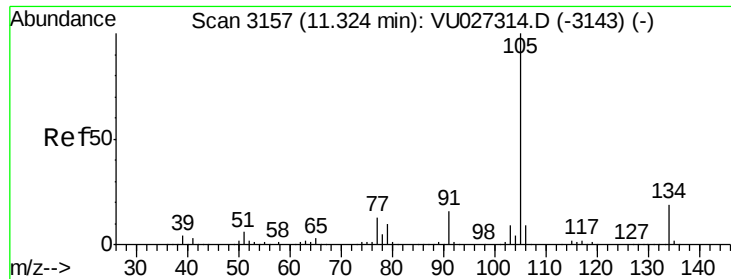
Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Tgt Ion:	105	Resp:	109016
Ion Ratio	Lower	Upper	
105	100		
120	44.2	22.1	66.5





#85

sec-Butylbenzene

Concen: 18.200 ug/l

RT: 11.32 min Scan# 3157

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

ClientSampleId :

VU1006WBSD01

Tot Ion:105 Resp: 130877

Ion Ratio Lower Upper

105 100

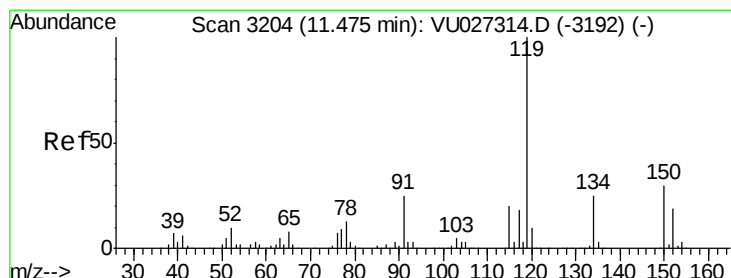
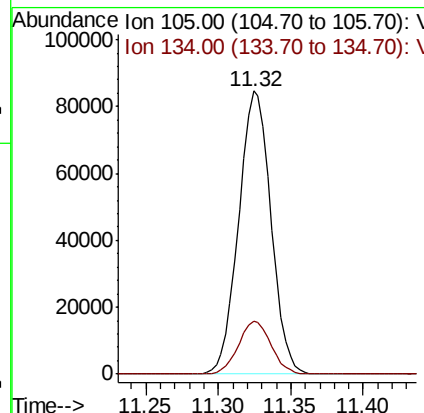
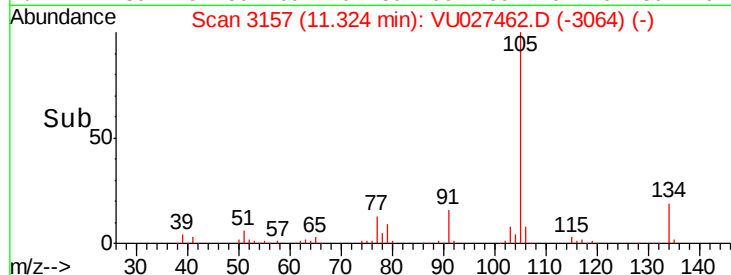
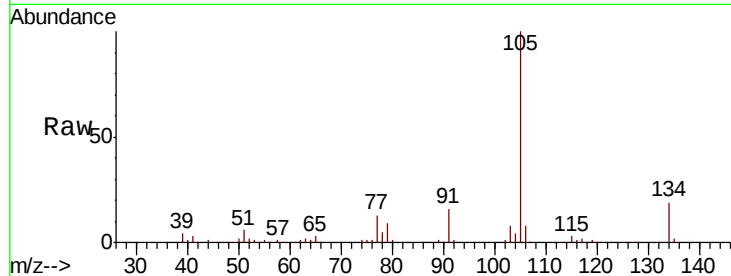
134 18.8 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 18.333 ug/l

RT: 11.48 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

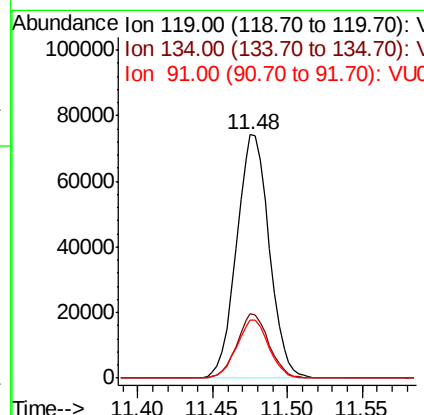
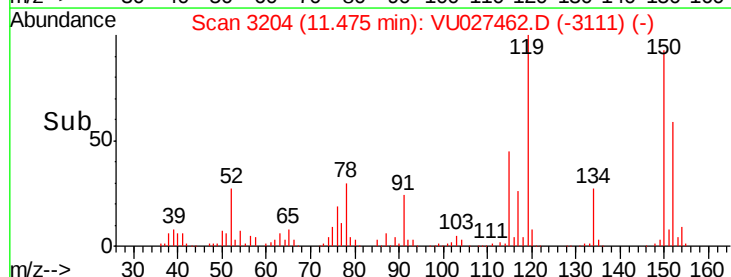
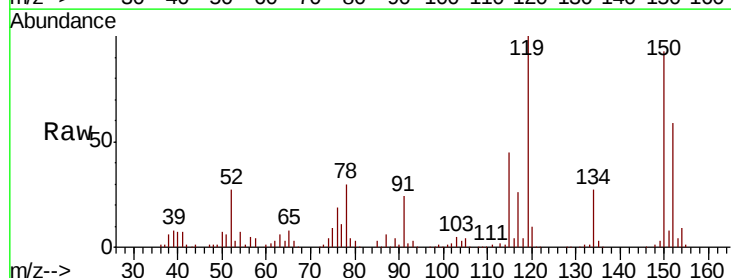
Tgt Ion:119 Resp: 112876

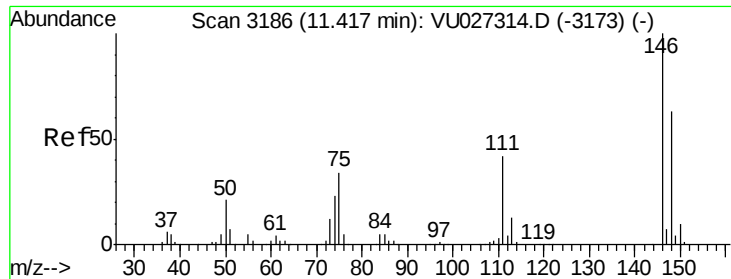
Ion Ratio Lower Upper

119 100

134 25.7 12.7 38.1

91 23.5 12.2 36.4





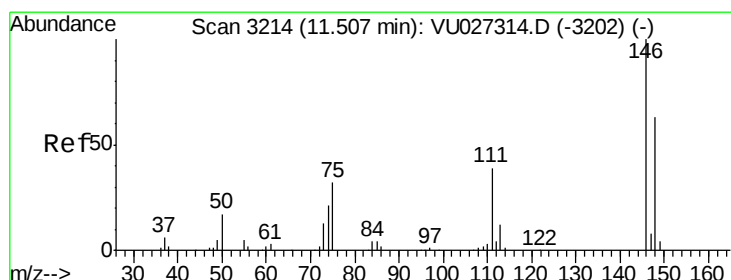
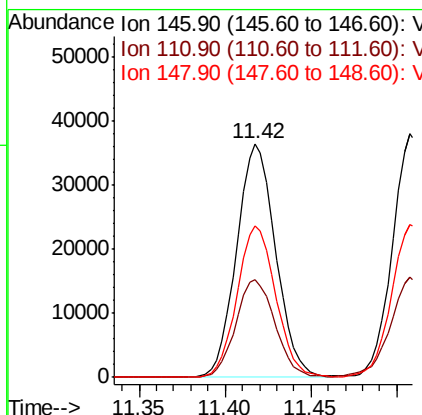
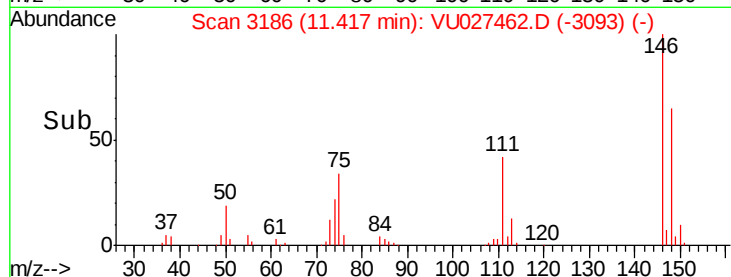
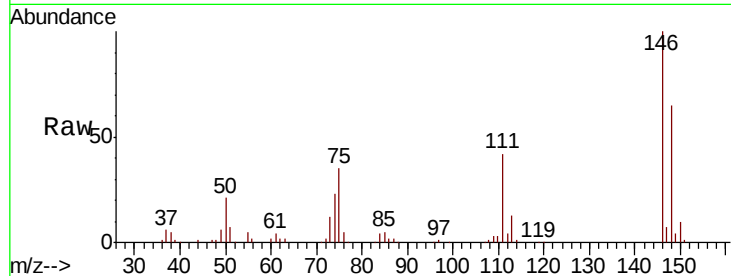
#87
 1,3-Dichlorobenzene
 Concen: 17.976 ug/l
 RT: 11.42 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.5
148	64.3	31.6	94.8

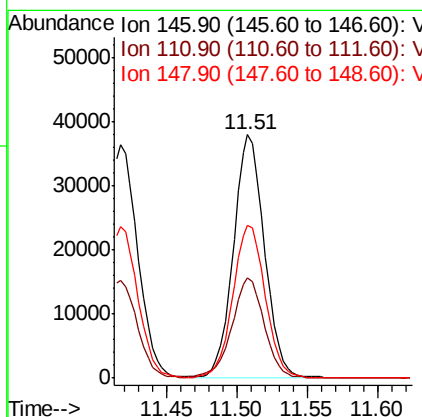
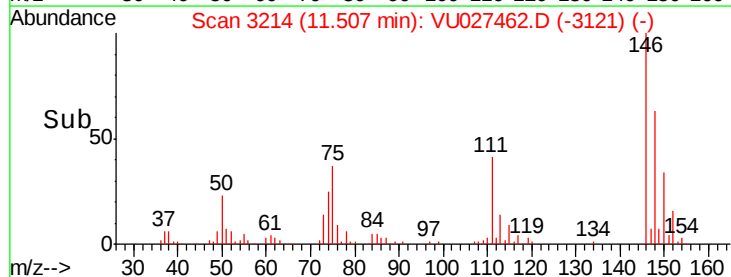
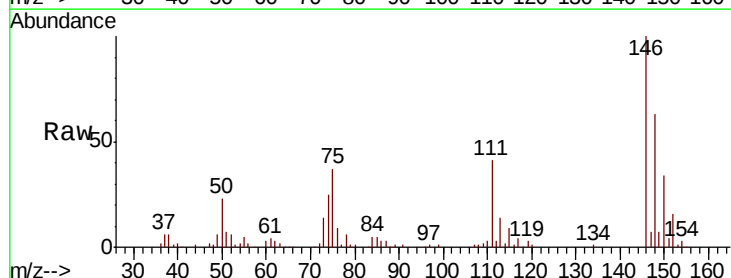
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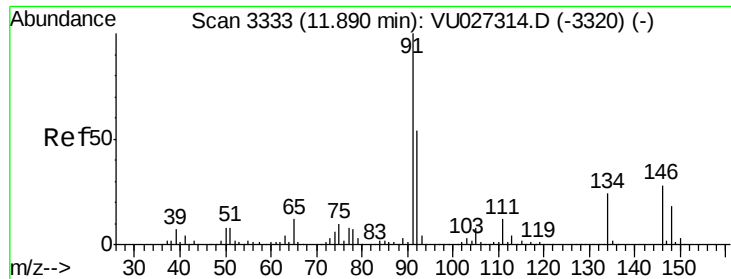
MMDadoda
 10/8/2018 2:05:19 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.981 ug/l
 RT: 11.51 min Scan# 3214
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.4	61.2
148	65.5	31.9	95.5





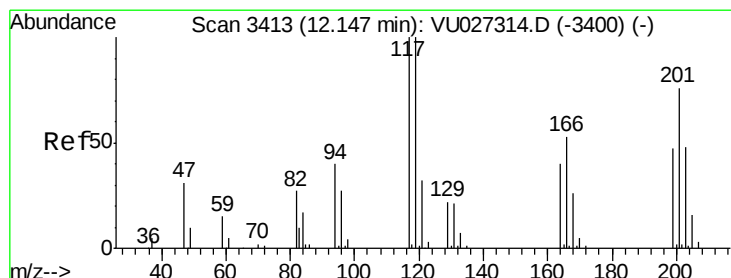
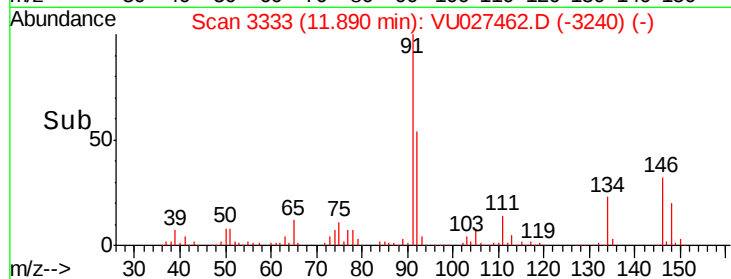
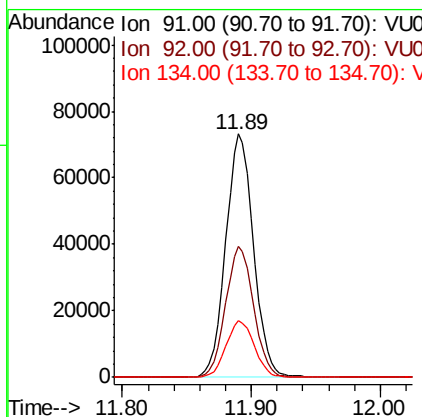
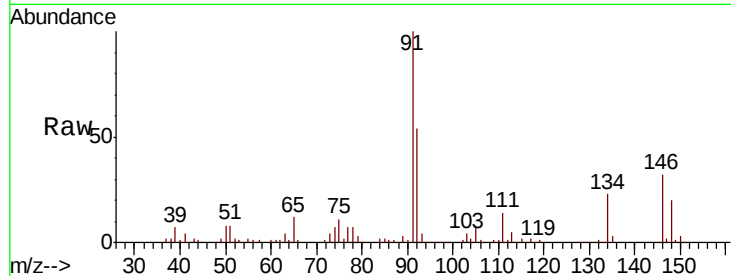
#89
n-Butylbenzene
Concen: 18.044 ug/l
RT: 11.89 min Scan# 3333
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Instrument :
MSVOA_U
ClientSampleId :
VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.0	81.0
134	23.6	11.7	35.1

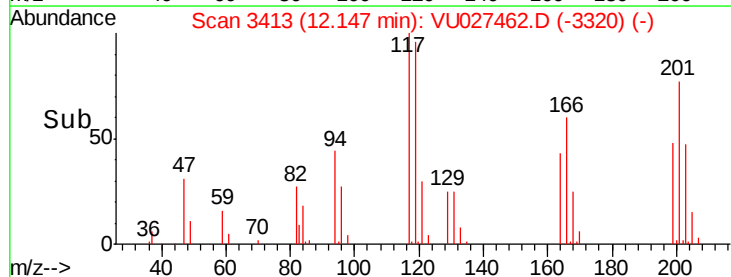
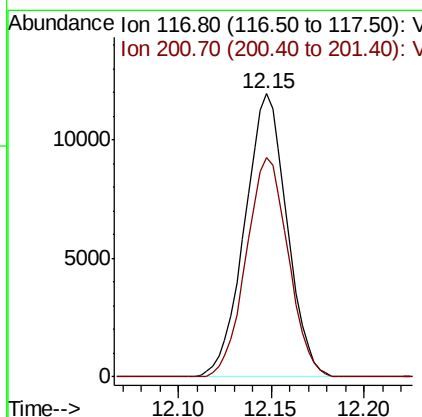
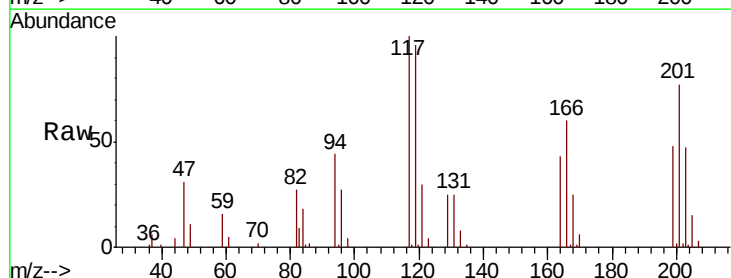
Manual Integrations
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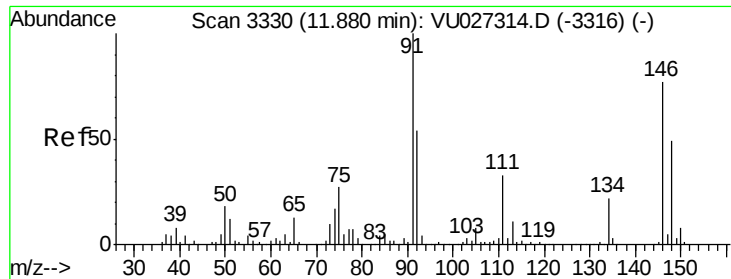
MMDadoda
10/8/2018 2:05:19 PM



#90
Hexachloroethane
Concen: 16.280 ug/l
RT: 12.15 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VU027462.D
Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	37.9	113.6





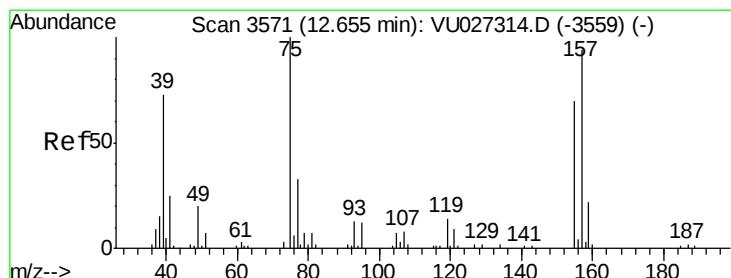
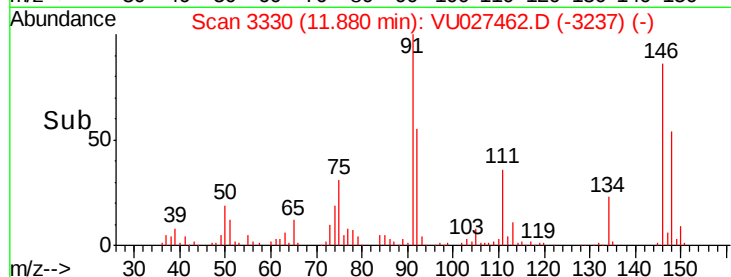
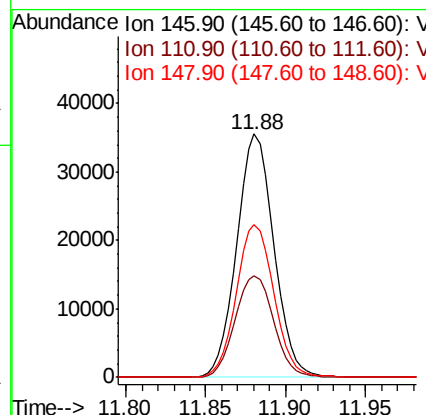
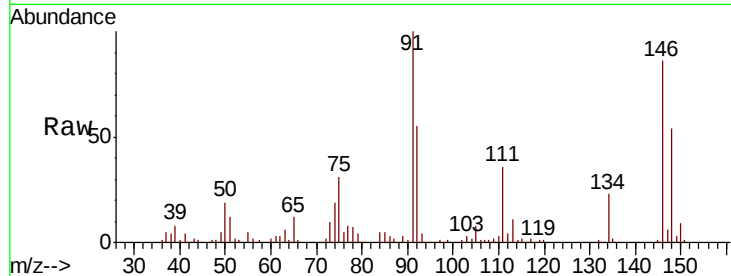
#91
 1,2-Dichlorobenzene
 Concen: 18.074 ug/l
 RT: 11.88 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.8	65.4
148	63.5	31.9	95.5

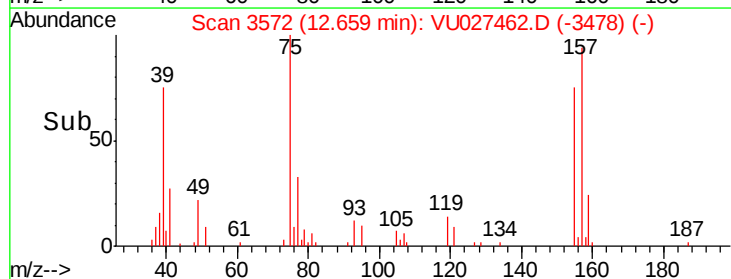
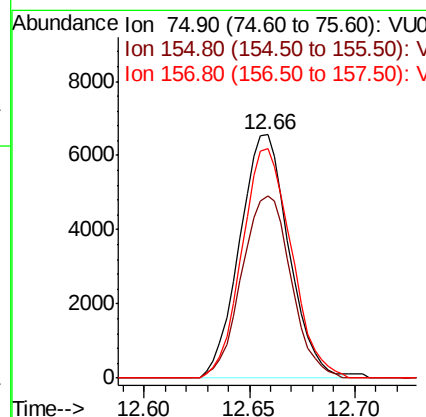
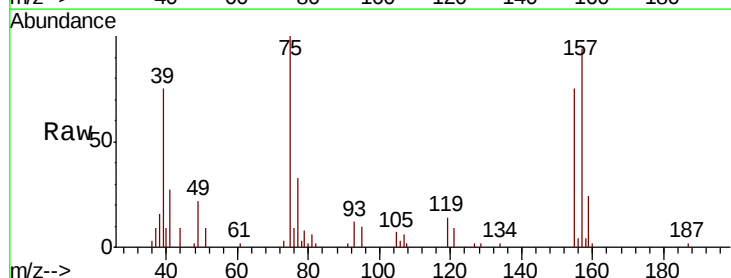
Manual Integrations
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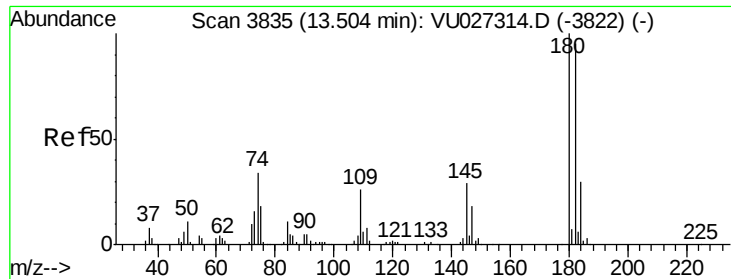
MMDadoda
 10/8/2018 2:05:19 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.885 ug/l
 RT: 12.66 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.0	35.9	107.8
157	94.6	46.9	140.6





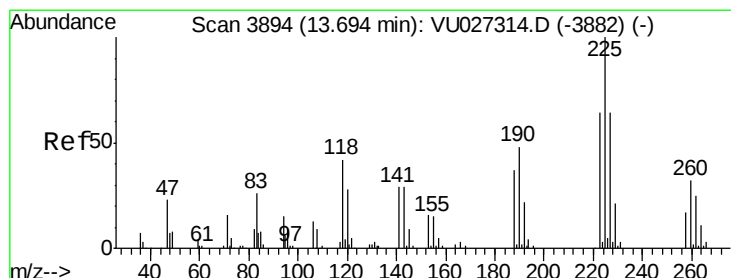
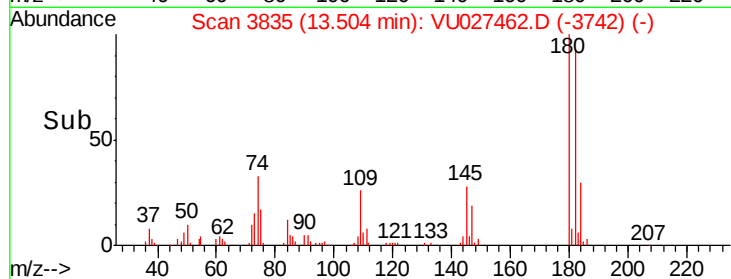
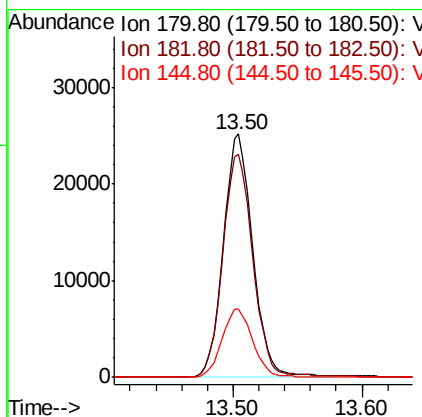
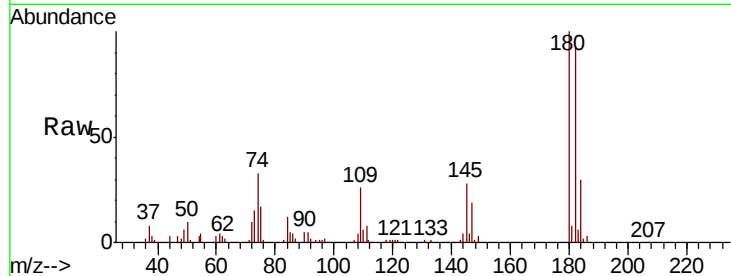
#93
 1,2,4-Trichlorobenzene
 Concen: 19.809 ug/l
 RT: 13.50 min Scan# 3835
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.3
145	29.0	14.6	44.0

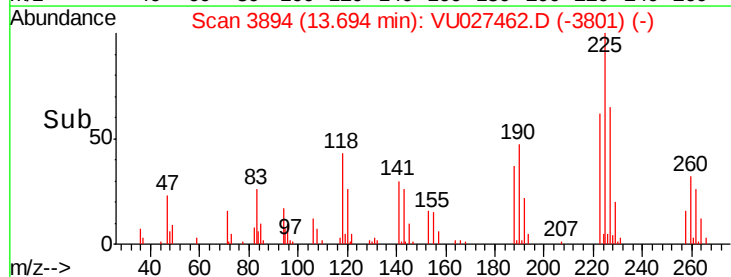
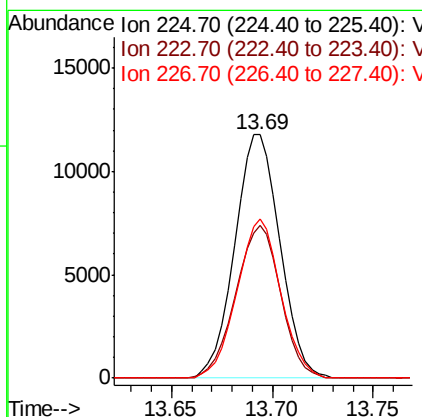
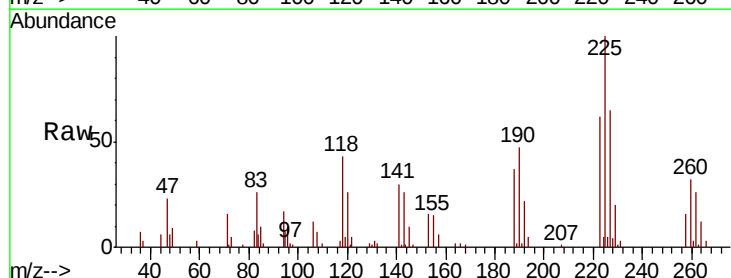
Manual Integrations
 APPROVED

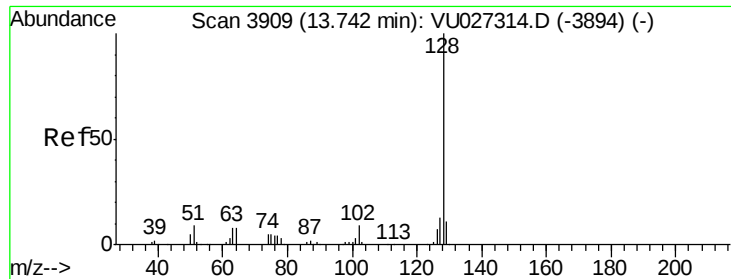
MMDadoda
 10/8/2018 2:05:19 PM



#94
 Hexachlorobutadiene
 Concen: 18.215 ug/l
 RT: 13.69 min Scan# 3894
 Delta R.T. 0.00 min
 Lab File: VU027462.D
 Acq: 05 Oct 2018 18:46

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	31.8	95.3
227	63.2	31.9	95.7





#95

Naphthalene

Concen: 18.386 ug/l

RT: 13.74 min Scan# 3909

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Instrument :

MSVOA_U

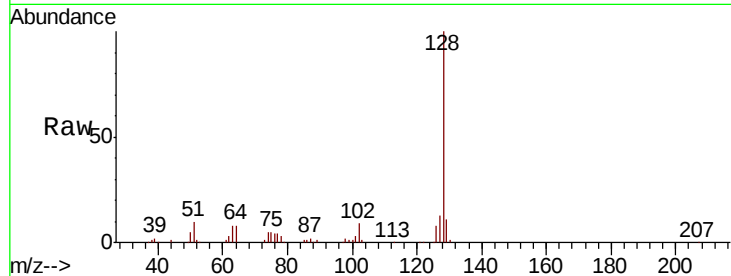
ClientSampleId :

VU1006WBSD01

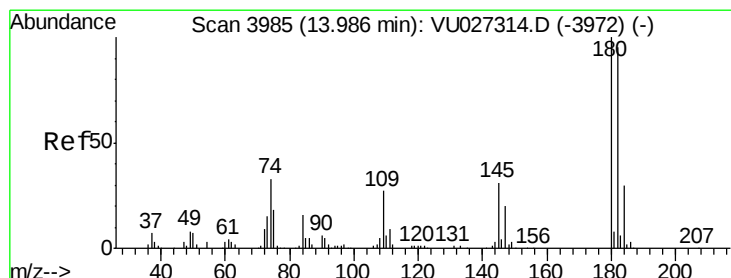
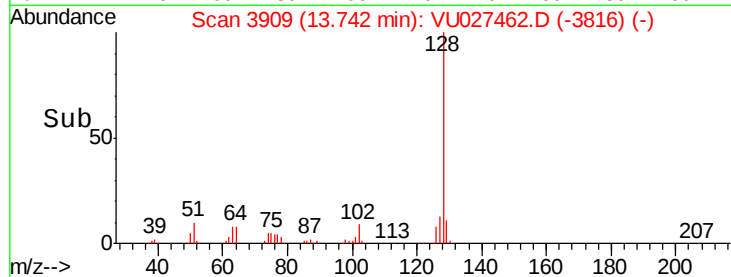
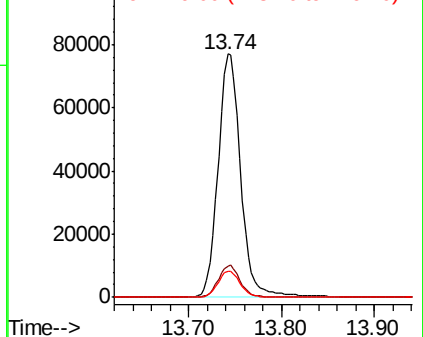
Tot Ion:	128	Resp:	130591
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.8	8.6	12.8

Manual Integrations
APPROVED

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10/8/2018 2:05:19 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.136 ug/l

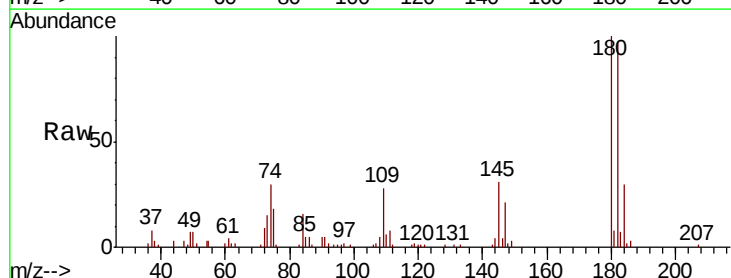
RT: 13.99 min Scan# 3985

Delta R.T. 0.00 min

Lab File: VU027462.D

Acq: 05 Oct 2018 18:46

Tgt Ion:	180	Resp:	40069
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.4	142.2
145	31.5	15.9	47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

