

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081220\
 Data File : VU039841.D
 Acq On : 12 Aug 2020 13:01
 Operator : SY/MD
 Sample : VU0812WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 11:35:55 AM

Quant Time: Aug 13 03:07:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	21833	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	7238	0.85	ug/l	0.00
Spiked Amount 1.000			Recovery	=	85.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7527	0.90	ug/l	0.00
Spiked Amount 1.000			Recovery	=	90.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	13306	1.754	ug/l	99
3) Chloromethane	1.53	50	14810	1.571	ug/l	97
4) Vinyl Chloride	1.61	62	15308	1.762	ug/l	97
5) Bromomethane	1.86	94	7696	1.296	ug/l	100
6) Chloroethane	1.94	64	10720	1.779	ug/l	93
7) Trichlorofluoromethane	2.15	101	20341	1.771	ug/l	93
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12272	1.861	ug/l	98
9) 1,1-Dichloroethene	2.59	96	10602	1.748	ug/l	97
10) Iodomethane	2.74	142	4923	0.805	ug/l	95
11) Allyl Chloride	2.94	41	24591	1.879	ug/l	99
12) Acrylonitrile	3.33	53	7676	3.605	ug/l	98
13) Acetone	2.64	43	19314	9.640	ug/l	98
14) Carbon Disulfide	2.81	76	31122	1.399	ug/l	99
15) Methylene Chloride	3.06	84	13996	1.655	ug/l	91
16) trans-1,2-Dichloroethene	3.37	96	12025	1.744	ug/l	99
17) 1,1-Dichloroethane	3.89	63	28561	1.886	ug/l	98
18) 2-Butanone	4.75	43	29446	8.740	ug/l	99
19) Cyclohexane	5.40	56	23542m	1.606	ug/l	
20) Methylcyclohexane	6.77	83	16037	1.476	ug/l	93
21) 2,2-Dichloropropane	4.68	77	22641	1.833	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	13524	1.819	ug/l	94
23) Diethyl Ether	2.39	59	11346	1.829	ug/l	95
24) tert-Butyl Alcohol	3.21	59	17049	16.096	ug/l #	88
25) Methyl tert-Butyl Ether	3.39	73	35979	1.818	ug/l	94
26) Bromochloromethane	4.99	128	5354	1.760	ug/l	96
27) Chloroform	5.11	83	27093	1.911	ug/l	96
28) 1,1,1-Trichloroethane	5.33	97	21166	1.846	ug/l	99
29) 1,1-Dichloropropene	5.54	75	20139	1.824	ug/l	98
30) Carbon Tetrachloride	5.53	117	17221	1.836	ug/l	99
31) Isopropyl Ether	4.03	45	51946	1.881	ug/l	99
32) Ethyl-t-butyl ether	4.54	59	43089	1.833	ug/l	99
33) Tert-Amyl methyl ether	5.97	73	34890	2.059	ug/l	98
34) Propionitrile	4.81	54	7313	8.799	ug/l #	91
35) Benzene	5.79	78	55298	2.024	ug/l	100
36) 1,2-Dichloroethane	5.81	62	21057	2.056	ug/l	98
37) Trichloroethene	6.55	130	10652	1.704	ug/l	97
38) 1,2-Dichloropropane	6.81	63	14604	1.940	ug/l	98
39) Methacrylonitrile	5.01	41	7036	1.606	ug/l	96
40) Methyl acrylate	4.88	55	9457	1.674	ug/l #	95
41) Tetrahydrofuran	5.09	42	7022	3.187	ug/l	97
42) 1-Chlorobutane	5.47	56	31248	1.803	ug/l	92

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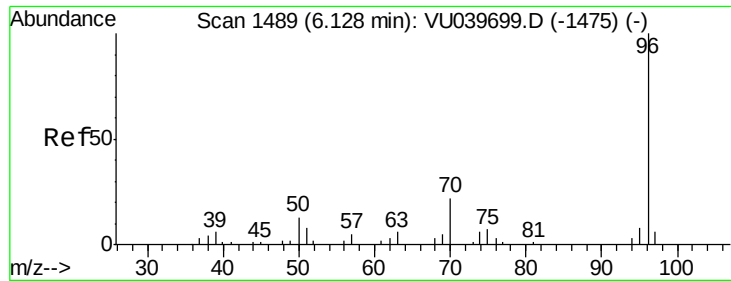
Manual Integrations
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	7050	1.740	ug/l	96
44) Bromodichloromethane	7.12	83	17038	1.834	ug/l	97
45) 4-Methyl-2-Pentanone	7.81	43	50749	8.269	ug/l	95
46) t-1,4-Dichloro-2-butene	10.84	75	5113m	2.801	ug/l	
47) Methyl methacrylate	6.98	69	12532	3.316	ug/l	94
48) Ethyl methacrylate	8.34	69	10273	1.477	ug/l	95
49) Toluene	7.98	92	26101	1.605	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	14029	1.677	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	16287	1.656	ug/l	89
52) 1,1,2-Trichloroethane	8.41	97	9063	1.722	ug/l	98
53) 1,3-Dichloropropane	8.58	76	16859	1.668	ug/l	99
54) 2-Hexanone	8.70	43	35269	8.026	ug/l	94
55) Dibromochloromethane	8.82	129	9925	1.756	ug/l	98
56) 1,2-Dibromoethane	8.93	107	8513	1.678	ug/l	96
58) Tetrachloroethene	8.56	164	10081	1.842	ug/l	95
59) Chlorobenzene	9.45	112	28957	1.722	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	10264	1.810	ug/l	100
61) Pentachloroethane	11.43	117	8576	1.722	ug/l	88
62) Hexachloroethane	12.47	117	7847	1.719	ug/l	99
63) Ethyl Benzene	9.57	91	47245	1.568	ug/l	99
64) m/p-Xylenes	9.70	106	36674	3.115	ug/l	95
65) o-Xylene	10.10	106	17633	1.577	ug/l	99
66) Styrene	10.11	104	30371	1.585	ug/l	97
67) Bromoform	10.29	173	4991	1.731	ug/l #	98
69) Isopropylbenzene	10.48	105	47700	1.598	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	12701	1.676	ug/l	98
71) 1,2,3-Trichloropropane	10.83	75	10763m	1.885	ug/l	
72) Bromobenzene	10.78	156	11212	1.654	ug/l	97
73) n-propylbenzene	10.90	120	13420	1.599	ug/l	99
74) 2-Chlorotoluene	10.99	126	11666	1.645	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	41036	1.590	ug/l	100
76) 4-Chlorotoluene	11.10	126	12972	1.766	ug/l	94
77) tert-Butylbenzene	11.42	119	38872	1.570	ug/l	98
78) 1,2,4-Trimethylbenzene	11.47	105	42718	1.614	ug/l	98
79) sec-Butylbenzene	11.64	105	56810	1.612	ug/l	100
80) Nitrobenzene	13.20	77	1449	11.300	ug/l #	89
81) p-Isopropyltoluene	11.79	119	45558	1.604	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	24618	1.687	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	25053	1.707	ug/l	99
84) n-Butylbenzene	12.20	91	49244	1.632	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	23740	1.688	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2173	1.702	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	13858	1.575	ug/l	99
88) Hexachlorobutadiene	14.01	225	7488	1.874	ug/l	96
89) Naphthalene	14.08	128	29490	1.567	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	14739	1.775	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

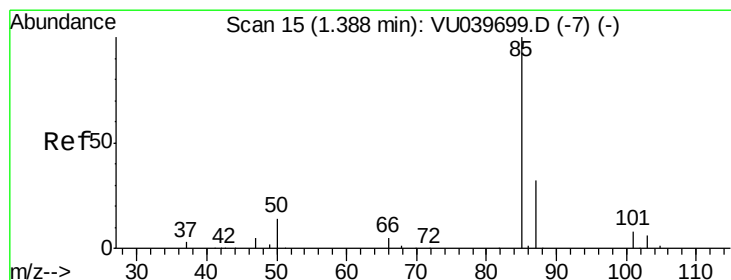
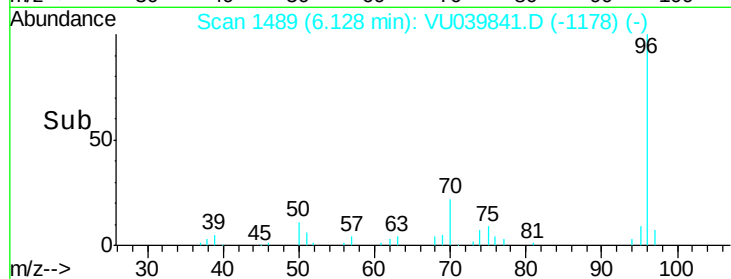
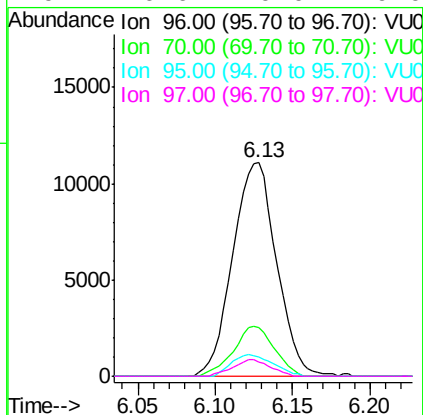
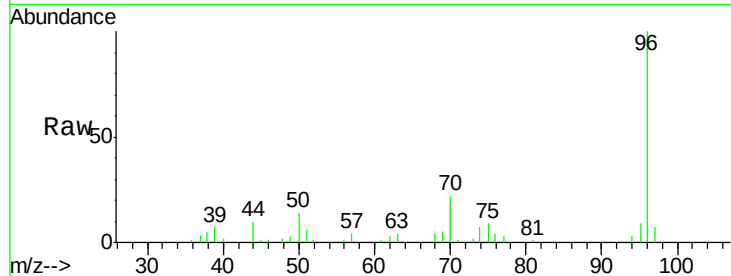
ClientSampleId :

VU0812WBSD01

Tot Ion:	96	Resp:	21833
Ion	Ratio	Lower	Upper
96	100		
70	21.7	16.3	24.5
95	9.5	6.8	10.2
97	6.6	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.754 ug/l

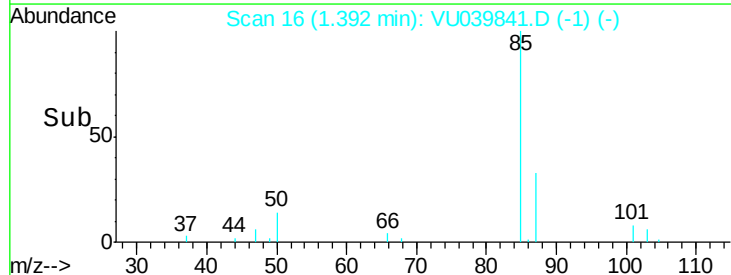
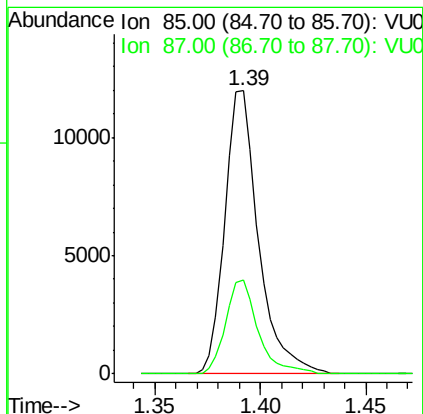
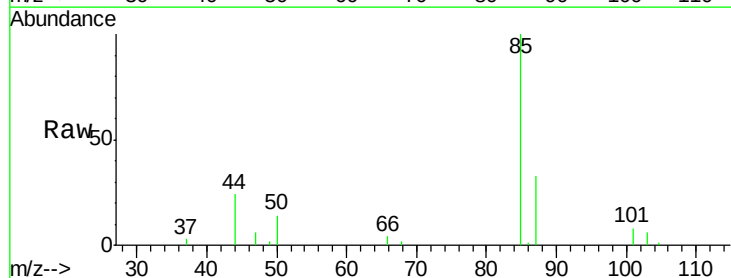
RT: 1.39 min Scan# 16

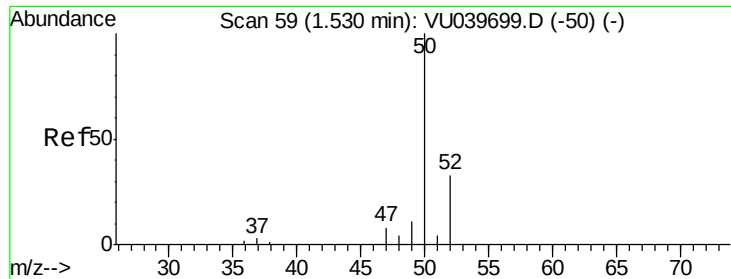
Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Tgt Ion:	85	Resp:	13306
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.2	48.6





#3

Chloromethane

Concen: 1.571 ug/l

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBSD01

Tot Ion: 50 Resp: 14810

Ion Ratio Lower Upper

50 100

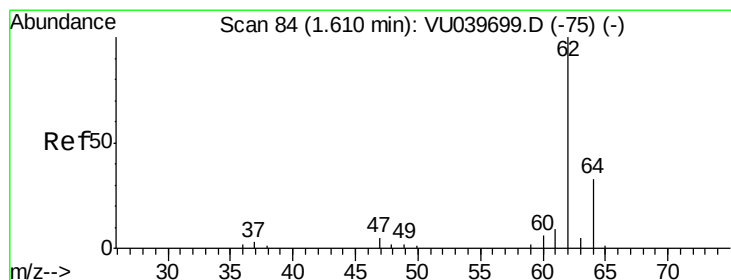
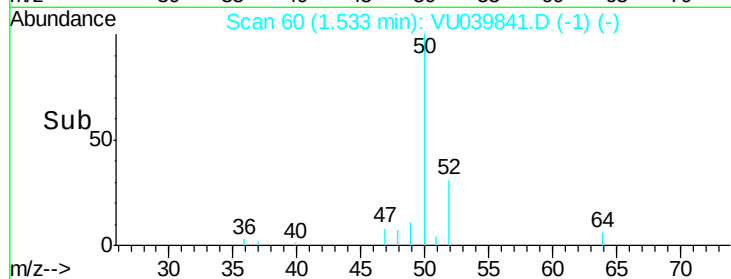
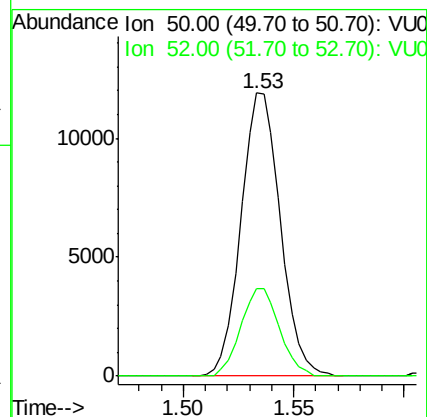
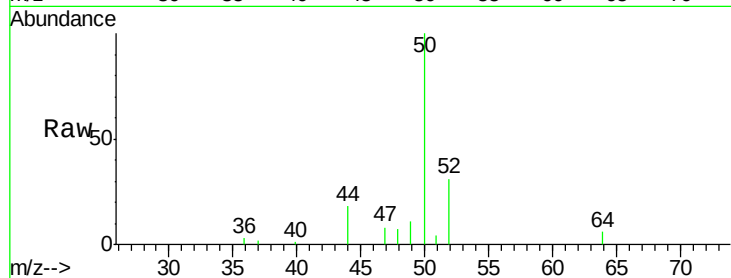
52 30.9 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.762 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU039841.D

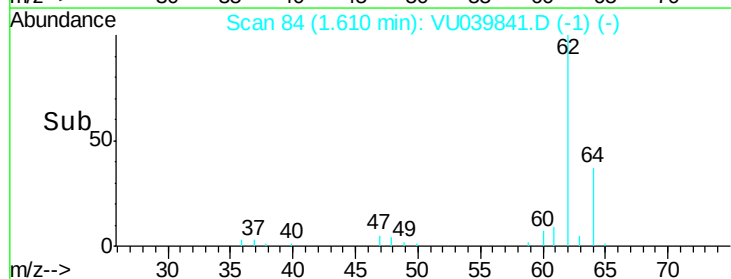
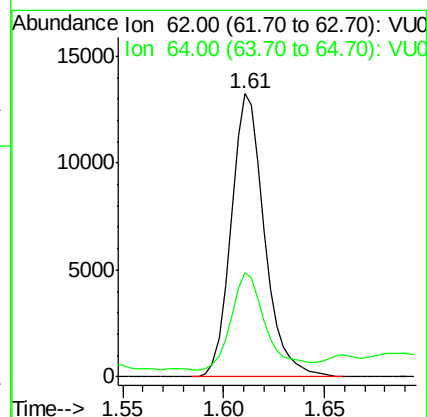
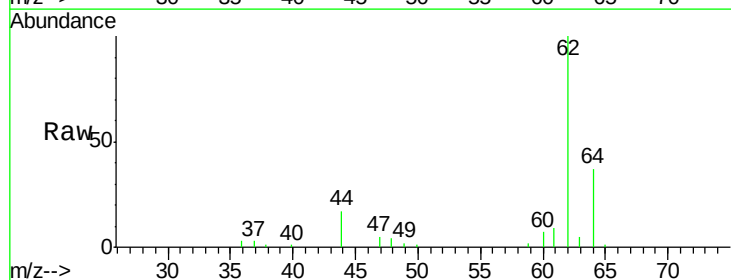
Acq: 12 Aug 2020 13:01

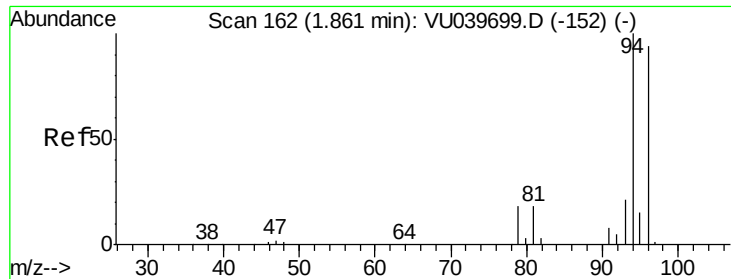
Tgt Ion: 62 Resp: 15308

Ion Ratio Lower Upper

62 100

64 34.2 26.0 39.0





#5

Bromomethane

Concen: 1.296 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBSD01

Tot Ion: 94 Resp: 7696

Ion Ratio Lower Upper

94 100

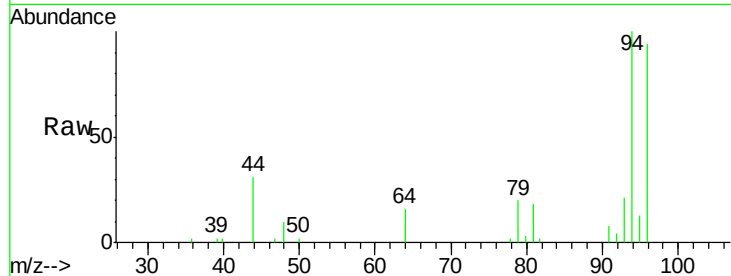
96 94.2 75.0 112.6

Manual Integrations

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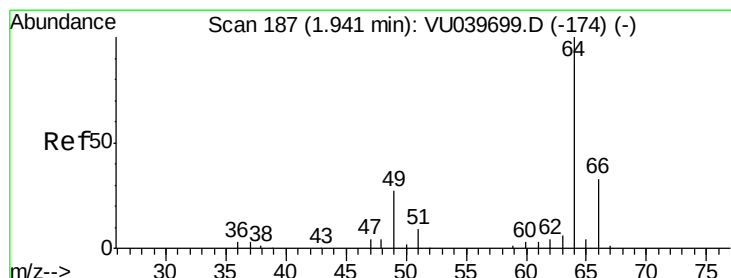
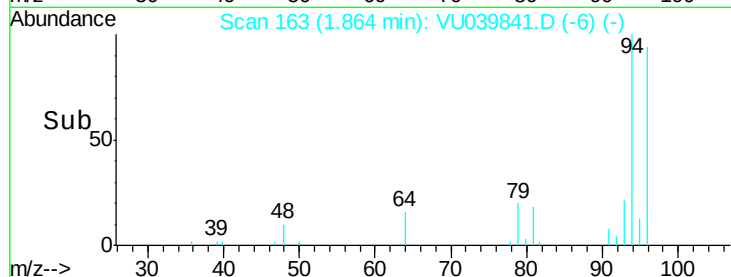
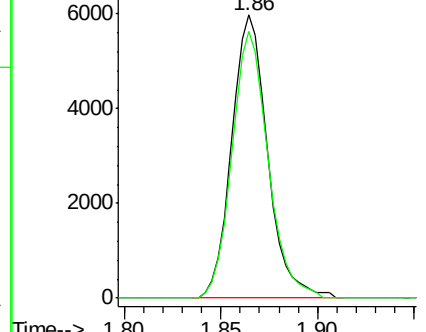
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Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039699.D (-152) (-)



#6

Chloroethane

Concen: 1.779 ug/l

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU039841.D

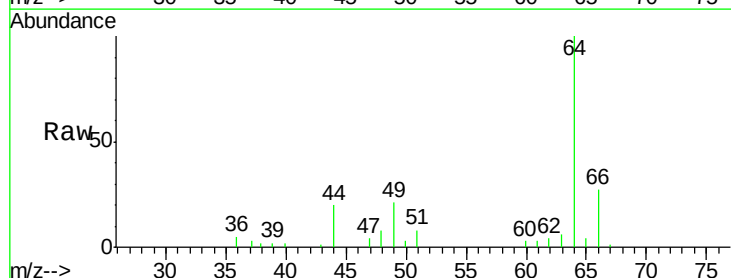
Acq: 12 Aug 2020 13:01

Tgt Ion: 64 Resp: 10720

Ion Ratio Lower Upper

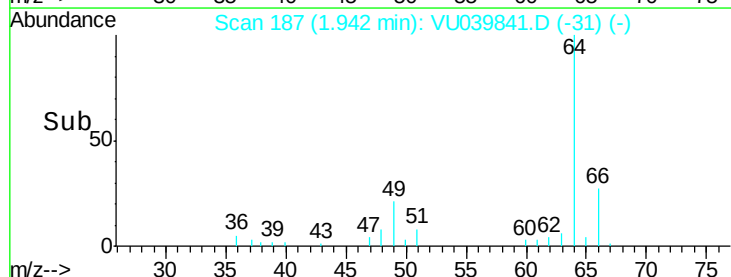
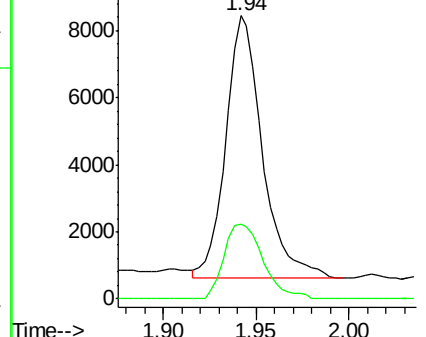
64 100

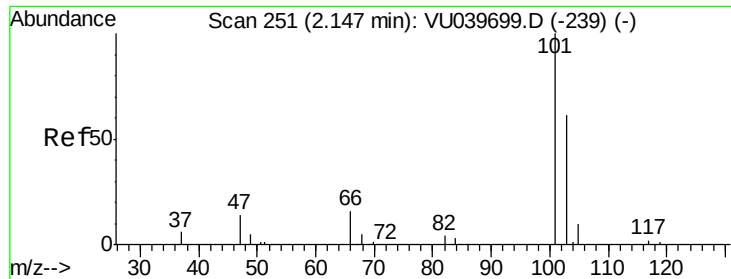
66 28.6 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039699.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039699.D (-174) (-)





#7

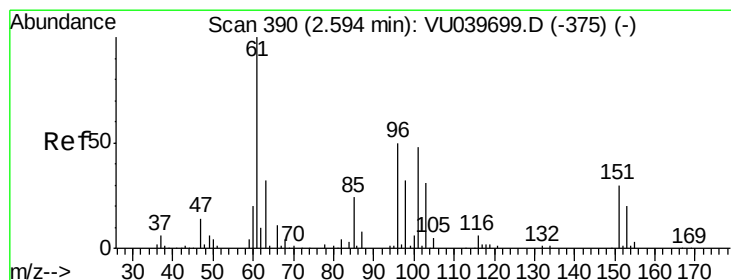
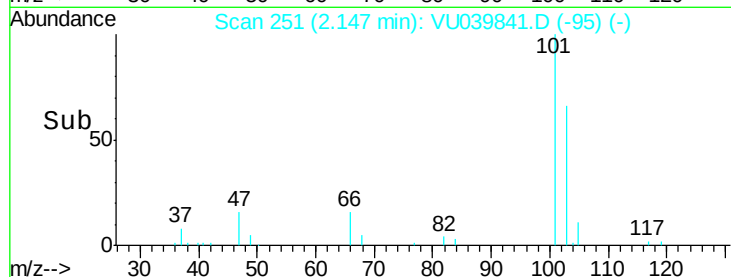
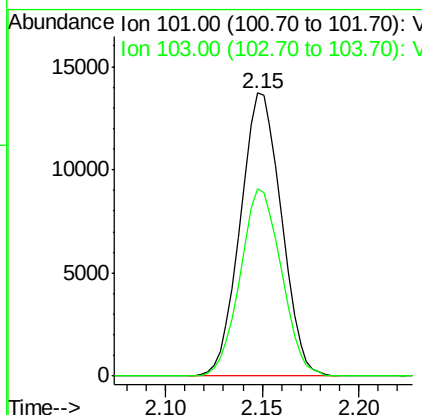
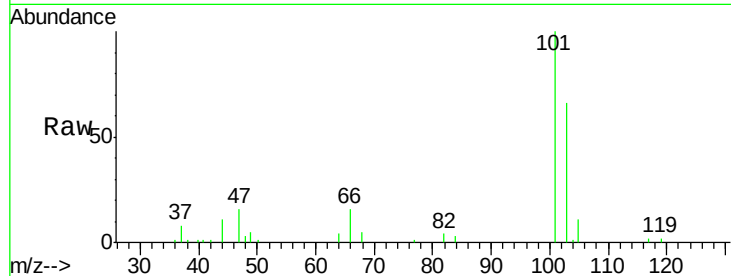
Trichlorofluoromethane
Concen: 1.771 ug/l
RT: 2.15 min Scan# 251
Delta R.T. 0.00 min
Lab File: VU039841.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	48.8	73.2

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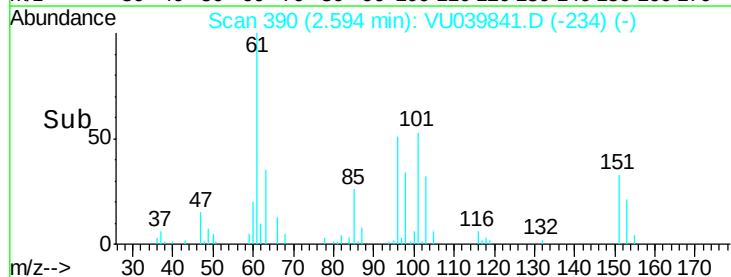
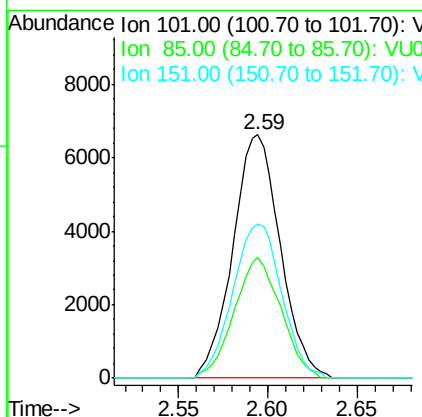
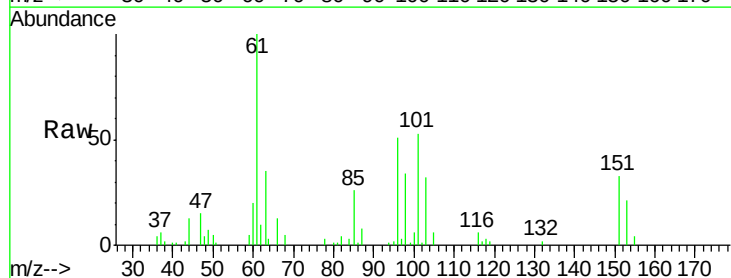
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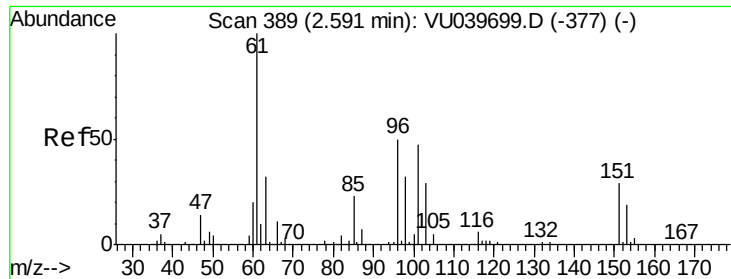


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.861 ug/l
RT: 2.59 min Scan# 390
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
101	100		
85	48.9	39.9	59.9
151	65.4	51.0	76.4





#9

1,1-Dichloroethene

Concen: 1.748 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

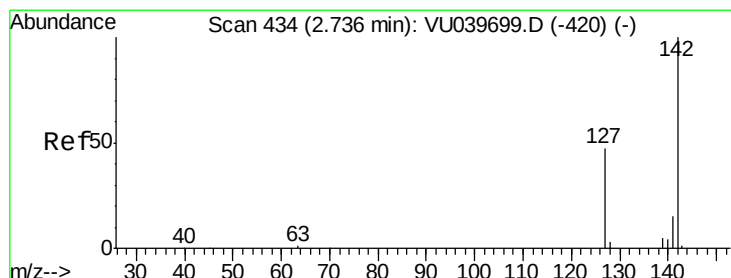
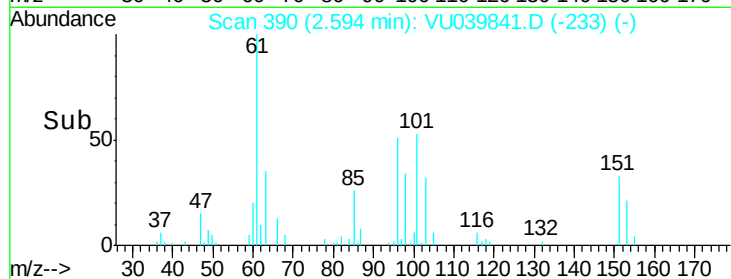
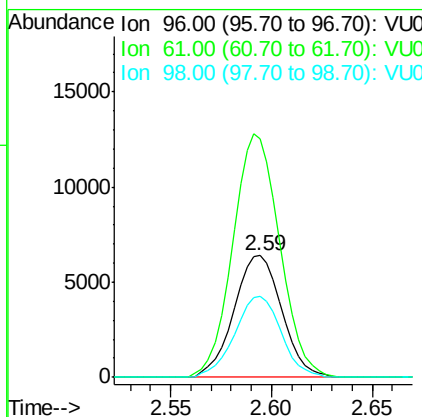
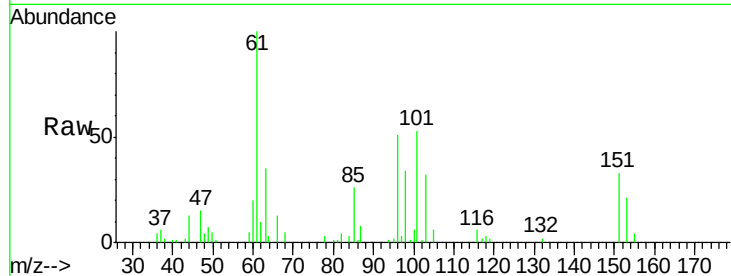
ClientSampleId :

VU0812WBSD01

Tot Ion:	96	Resp:	10602
Ion Ratio	Lower	Upper	
96	100		
61	196.7	0.0	604.5
98	66.4	0.0	127.2

Manual Integrations
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8/13/2020 11:35:55 AM



#10

Iodomethane

Concen: 0.805 ug/l

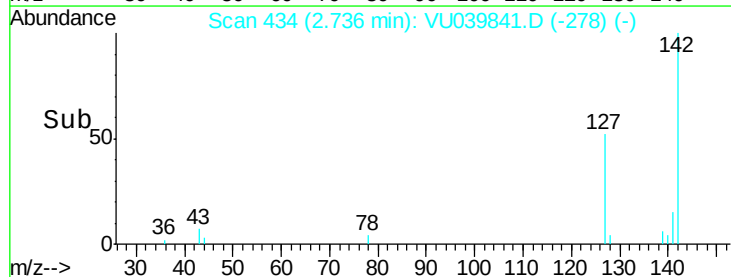
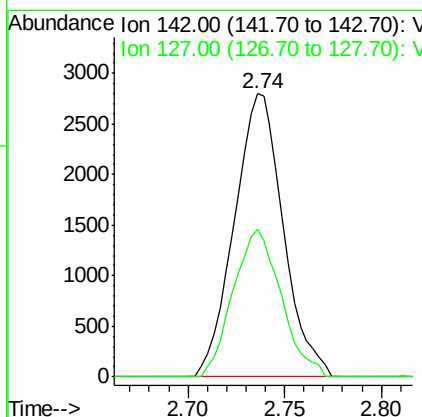
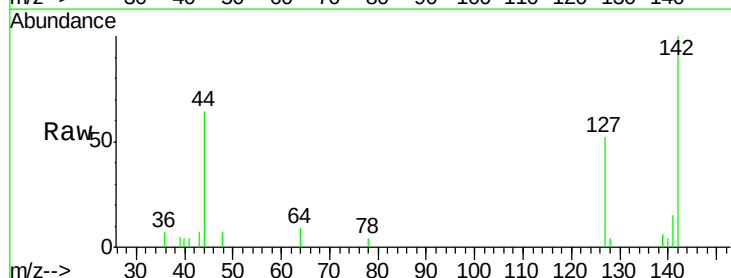
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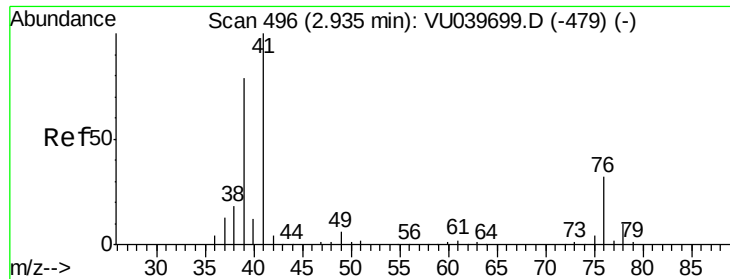
Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Tgt Ion:	142	Resp:	4923
Ion Ratio	Lower	Upper	
142	100		
127	51.1	38.4	57.6





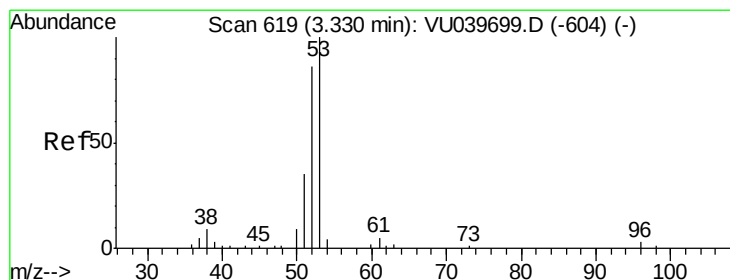
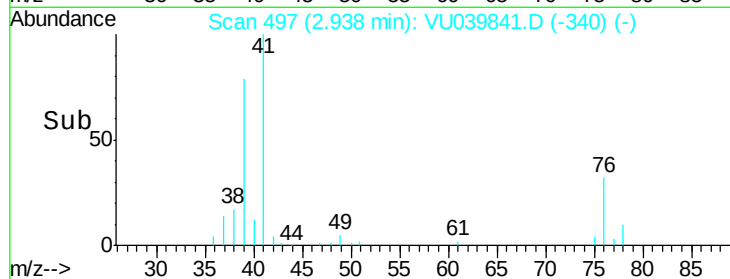
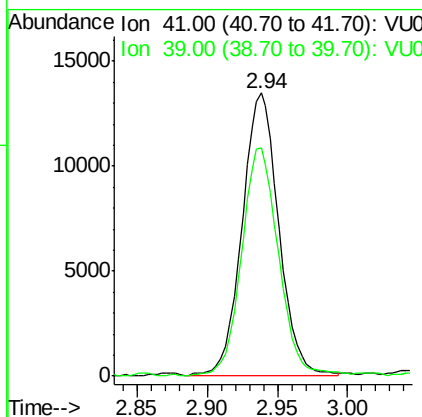
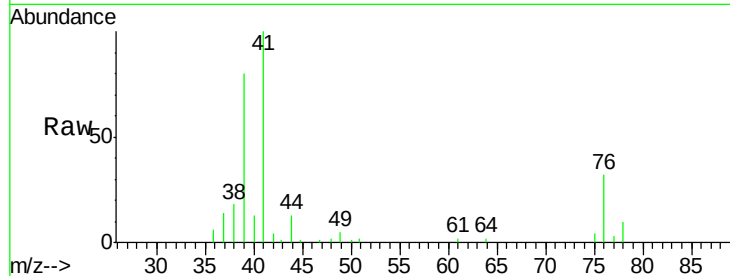
#11
Allvl Chloride
Concen: 1.879 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	81.5	64.2	96.2

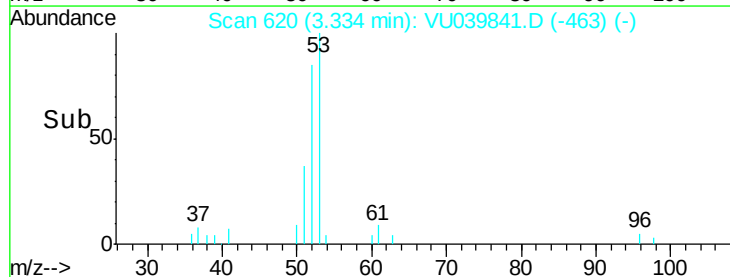
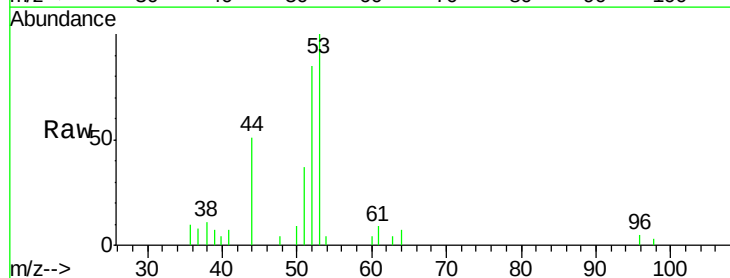
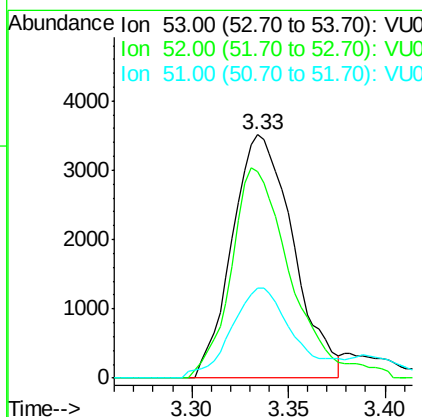
Manual Integrations
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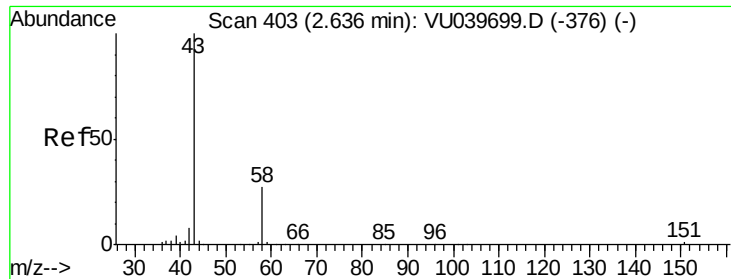
MMDadoda
8/13/2020 11:35:55 AM



#12
Acrylonitrile
Concen: 3.605 ug/l
RT: 3.33 min Scan# 620
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
53	100		
52	85.0	69.1	103.7
51	38.8	29.4	44.2





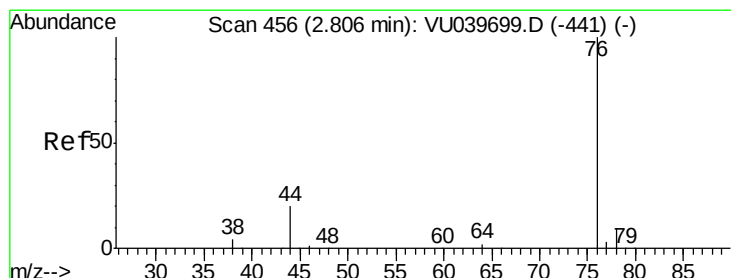
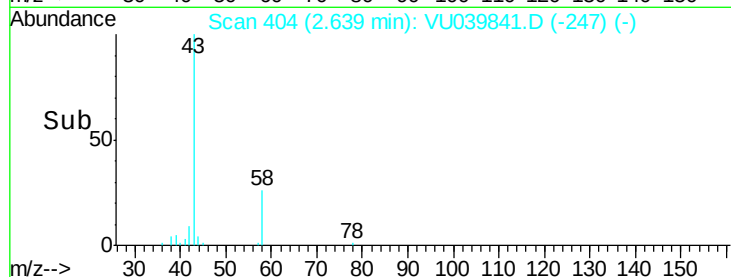
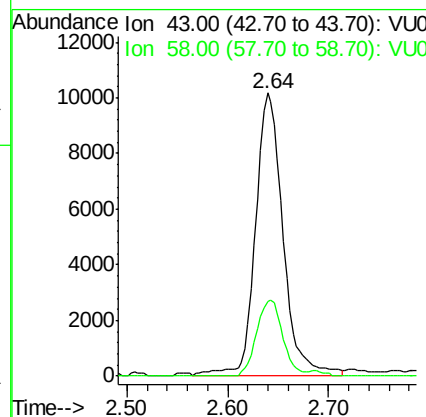
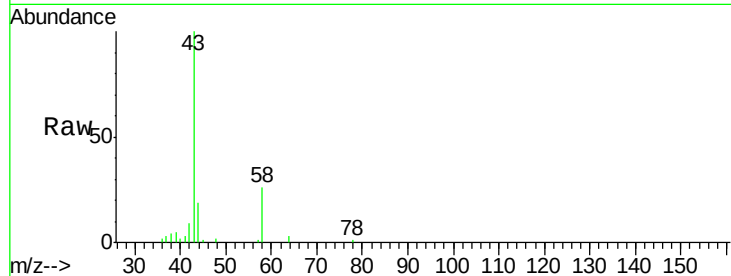
#13
Acetone
Concen: 9.640 ug/l
RT: 2.64 min Scan# 404
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	26.2	21.8	32.6

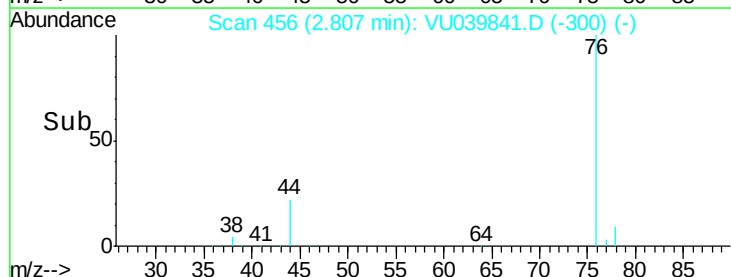
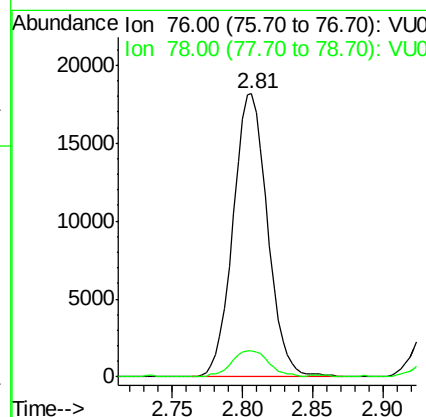
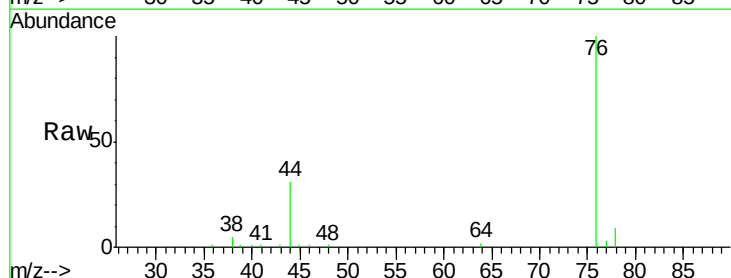
Manual Integrations
APPROVED

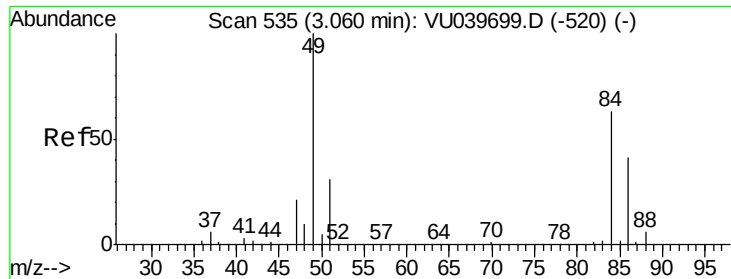
MMDadoda
8/13/2020 11:35:55 AM



#14
Carbon Disulfide
Concen: 1.399 ug/l
RT: 2.81 min Scan# 456
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.6





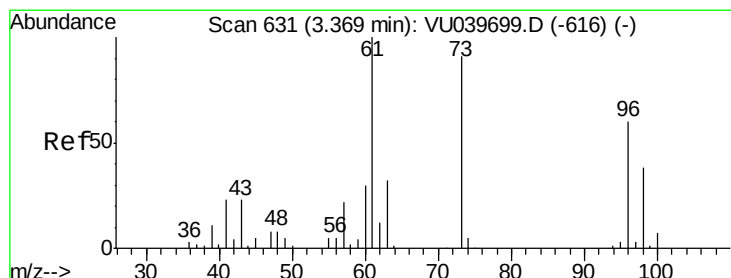
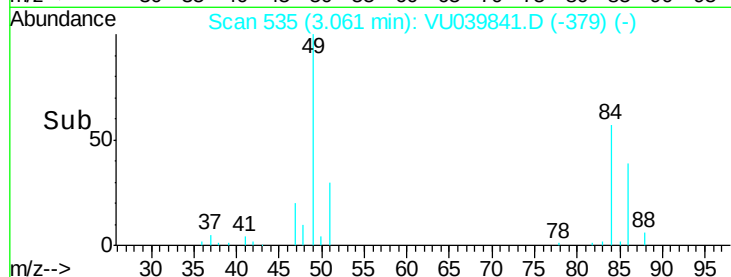
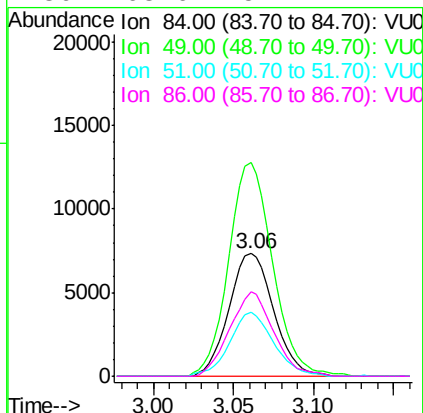
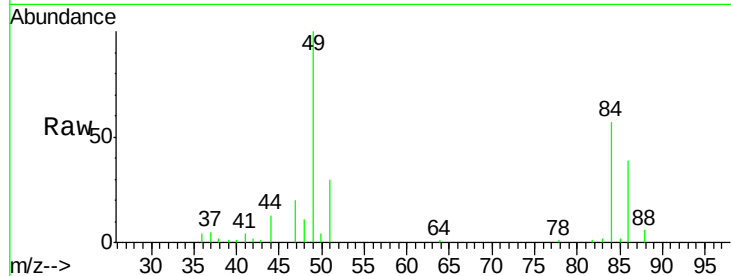
#15
Methylene Chloride
Concen: 1.655 ug/l
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	174.3	126.8	190.2	
51	52.1	0.0	97.2	
86	68.6	51.4	77.2	

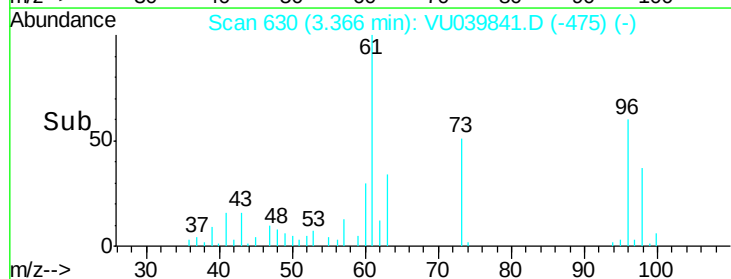
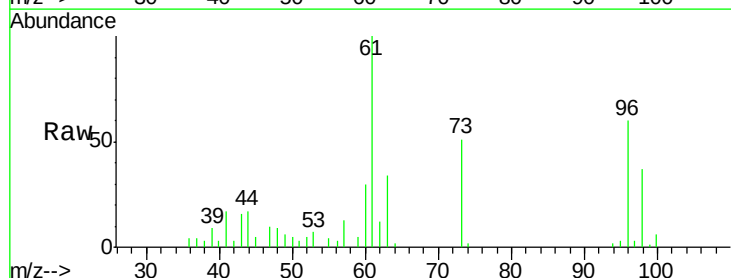
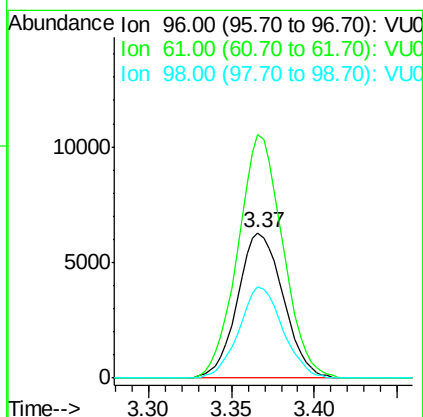
Manual Integrations
APPROVED

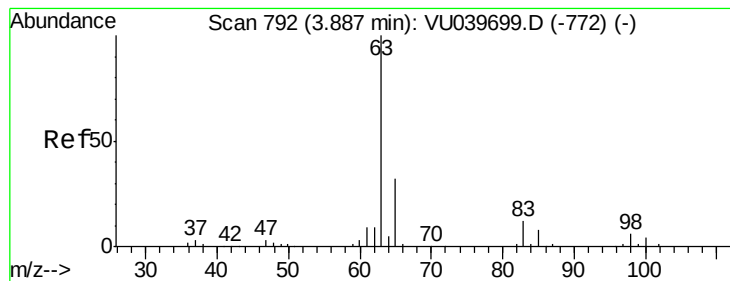
MMDadoda
8/13/2020 11:35:55 AM



#16
trans-1,2-Dichloroethene
Concen: 1.744 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	167.6	132.6	199.0	
98	62.5	50.2	75.2	





#17

1,1-Dichloroethane

Concen: 1.886 ug/l

RT: 3.89 min Scan# 792

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

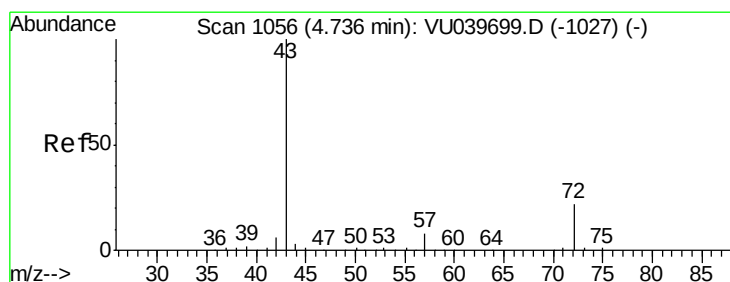
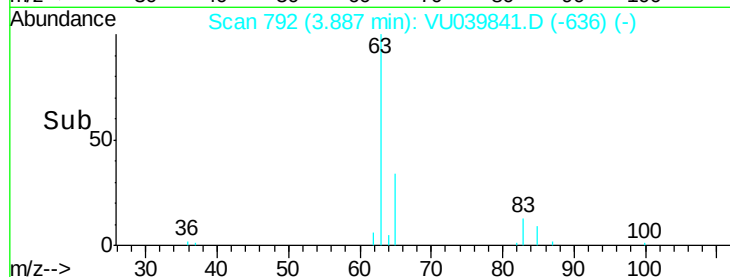
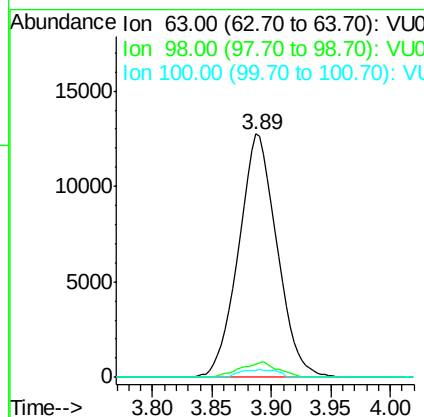
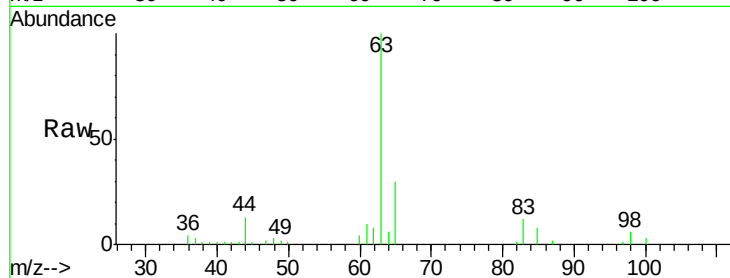
ClientSampleId :

VU0812WBSD01

Tot Ion:	63	Resp:	28561
Ion Ratio	Lower	Upper	
63	100		
98	5.5	2.9	8.7
100	3.0	2.0	6.0

Manual Integrations
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#18

2-Butanone

Concen: 8.740 ug/l

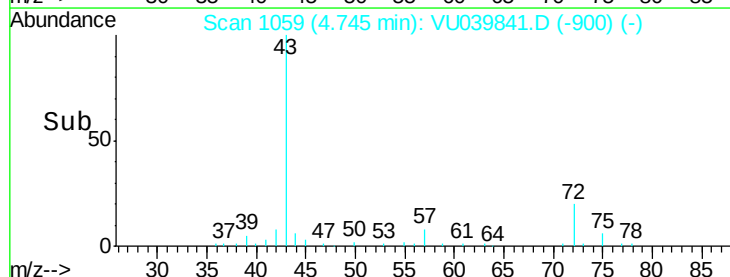
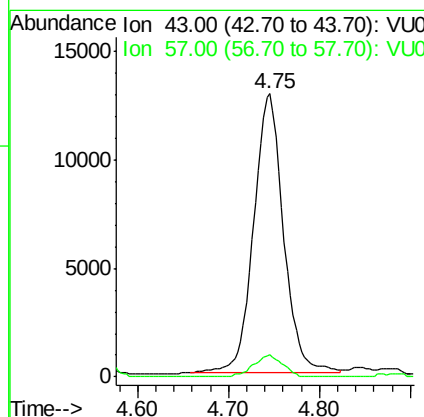
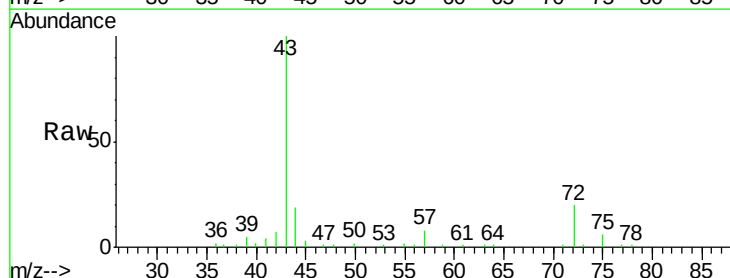
RT: 4.75 min Scan# 1059

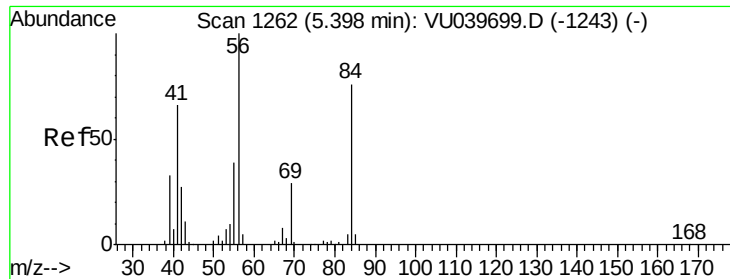
Delta R.T. 0.01 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Tgt Ion:	43	Resp:	29446
Ion Ratio	Lower	Upper	
43	100		
57	7.9	0.0	15.2





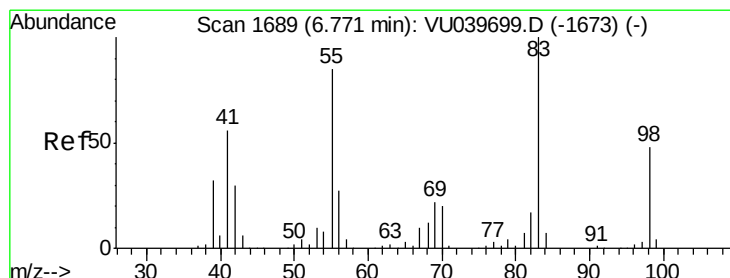
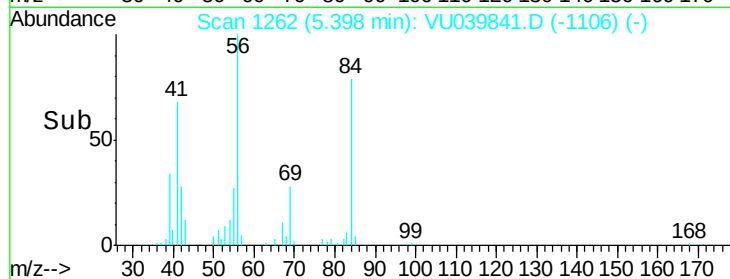
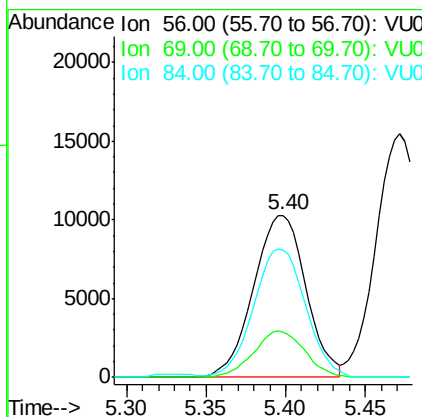
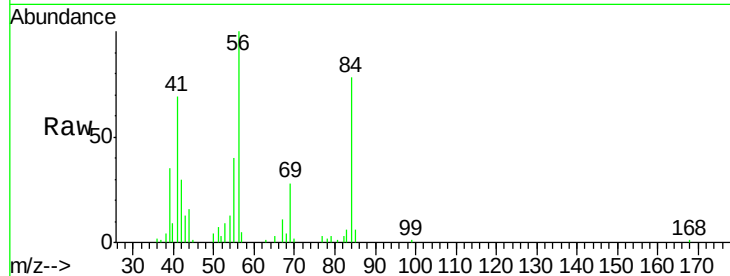
#19
Cyclohexane
Concen: 1.606 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.8	22.8	34.2
84	76.9	59.9	89.9

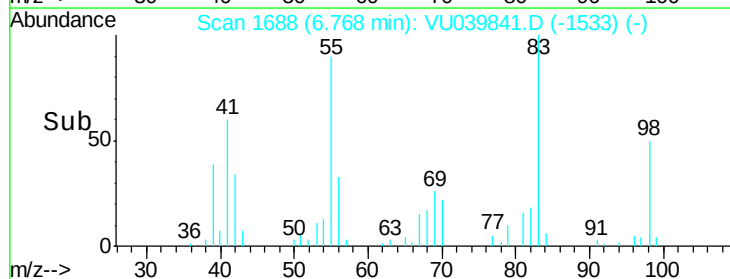
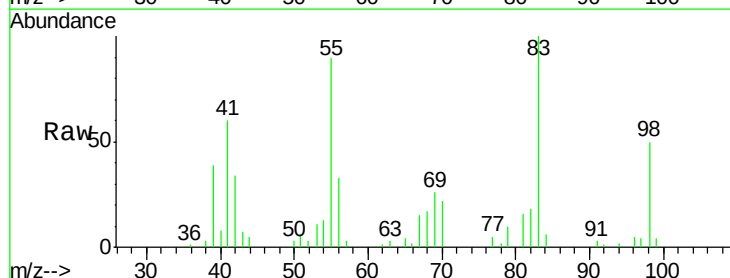
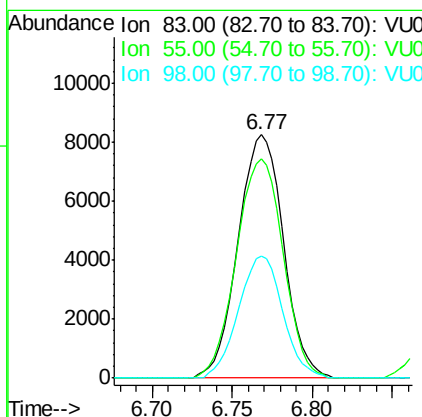
Manual Integrations
APPROVED

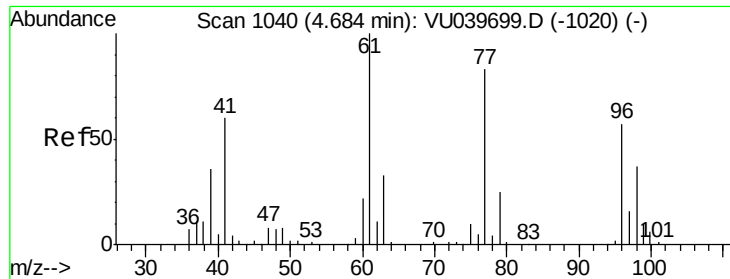
MMDadoda
8/13/2020 11:35:55 AM



#20
Methylcyclohexane
Concen: 1.476 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	92.9	67.6	101.4
98	48.8	37.3	55.9





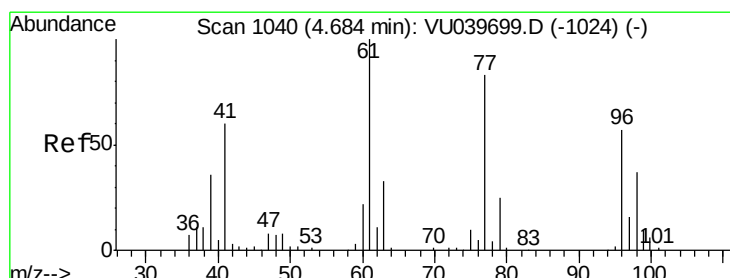
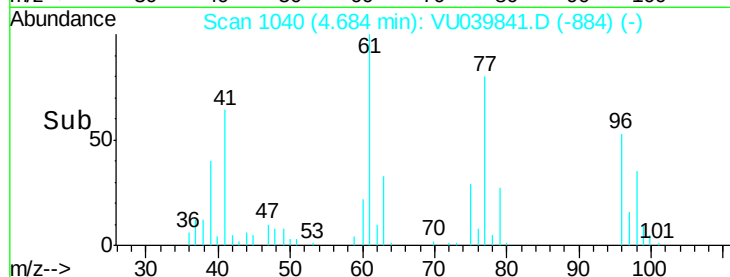
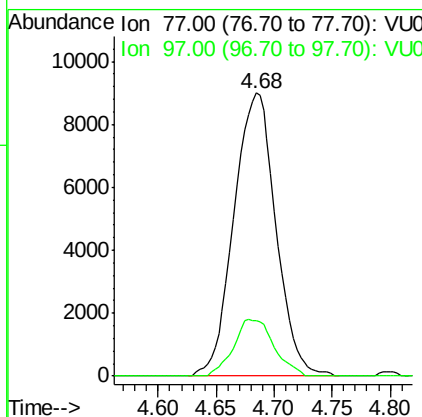
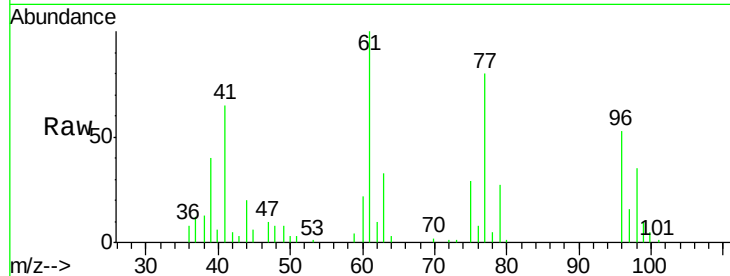
#21
 2,2-Dichloropropane
 Concen: 1.833 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion: 77 Resp: 22641
 Ion Ratio Lower Upper
 77 100
 97 19.2 15.2 22.8

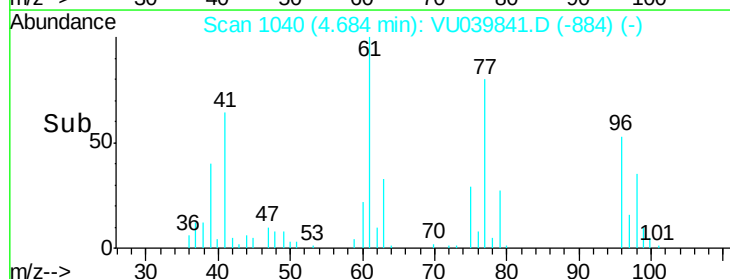
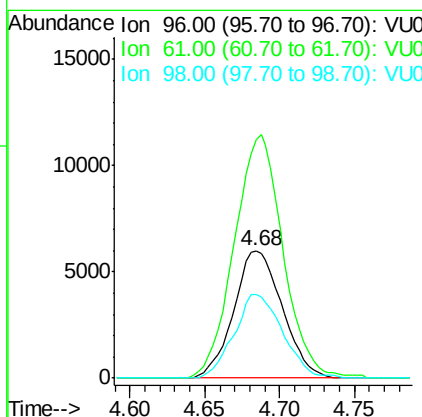
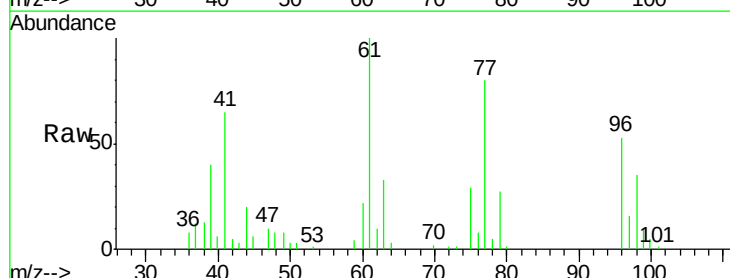
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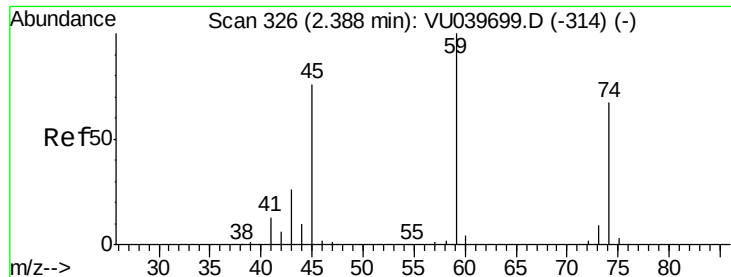
MMDadoda
 8/13/2020 11:35:55 AM



#22
 cis-1,2-Dichloroethene
 Concen: 1.819 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion: 96 Resp: 13524
 Ion Ratio Lower Upper
 96 100
 61 191.5 0.0 451.3
 98 65.9 32.6 98.0





#23

Diethyl Ether

Concen: 1.829 ug/l

RT: 2.39 min Scan# 327

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

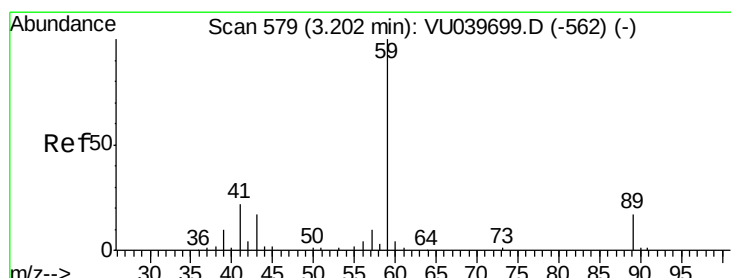
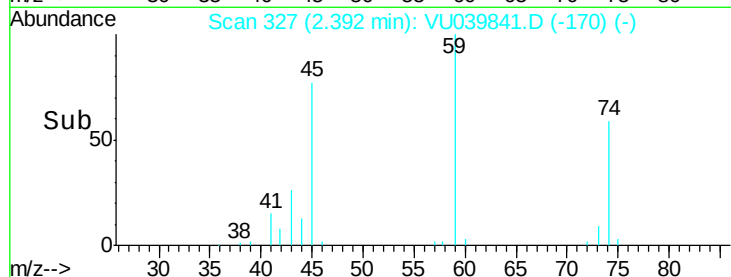
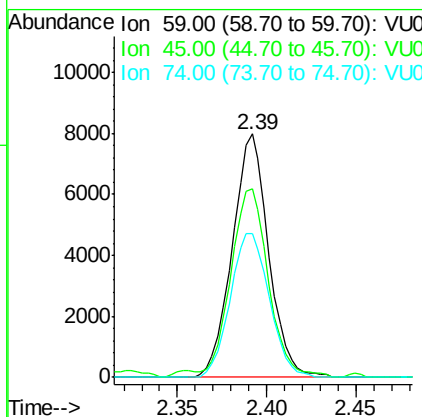
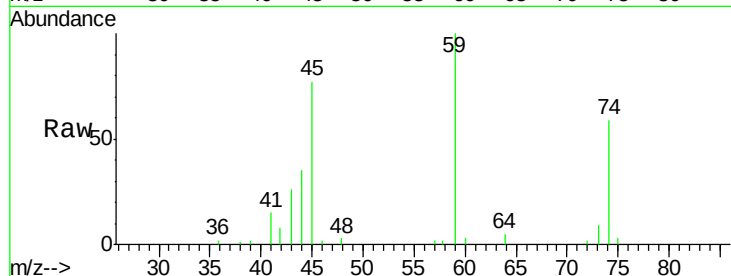
ClientSampleId :

VU0812WBSD01

Tot Ion:	59	Resp:	11346
Ion	Ratio	Lower	Upper
59	100		
45	80.5	61.5	92.3
74	63.3	54.3	81.5

Manual Integrations
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8/13/2020 11:35:55 AM



#24

tert-Butyl Alcohol

Concen: 16.096 ug/l

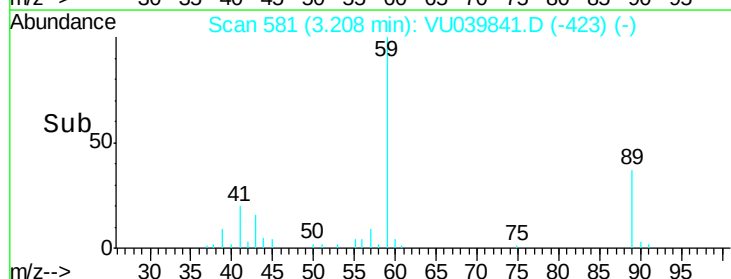
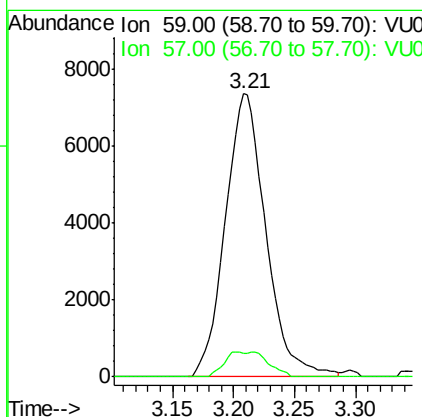
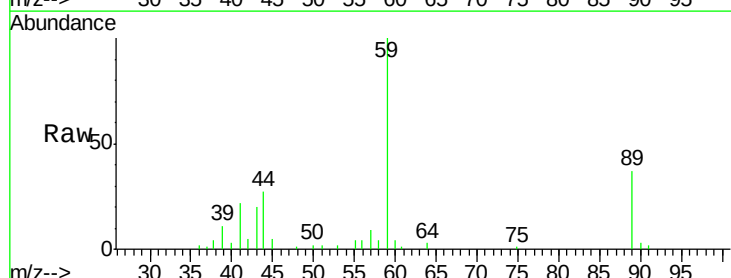
RT: 3.21 min Scan# 581

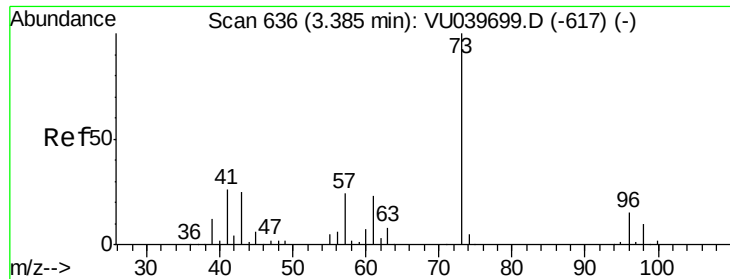
Delta R.T. 0.01 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Tgt Ion:	59	Resp:	17049
Ion	Ratio	Lower	Upper
59	100		
57	5.2	7.8	11.6#





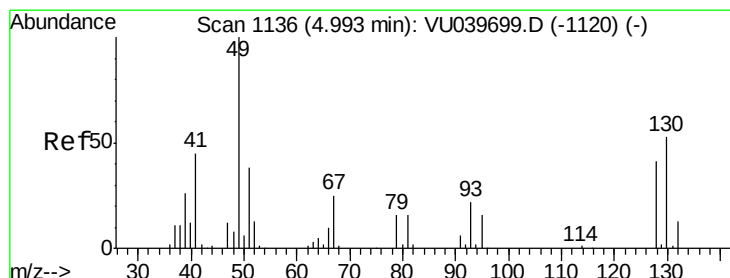
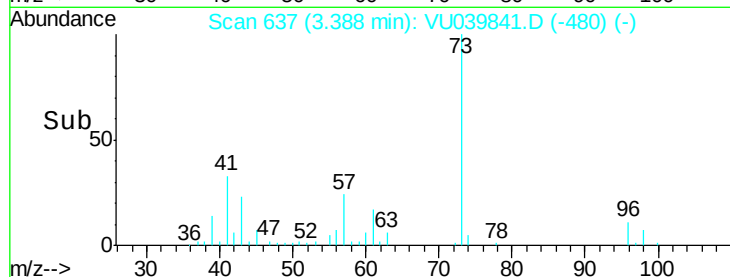
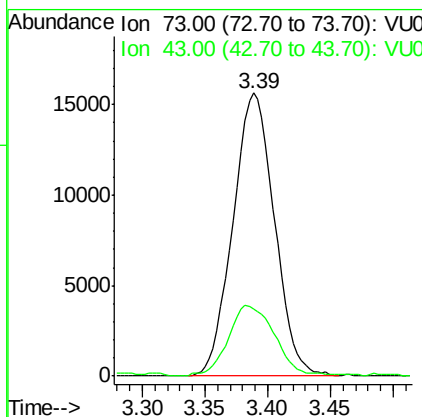
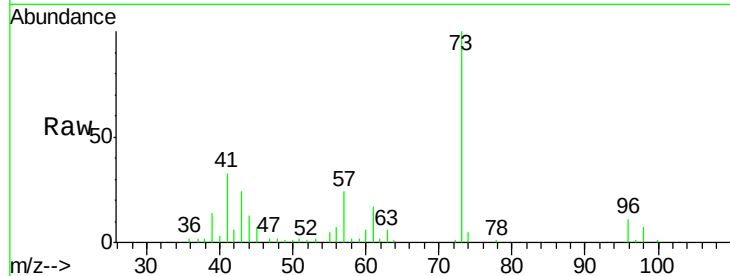
#25
Methyl tert-Butyl Ether
Concen: 1.818 ug/l
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion: 73 Resp: 35979
Ion Ratio Lower Upper
73 100
43 28.3 20.1 30.1

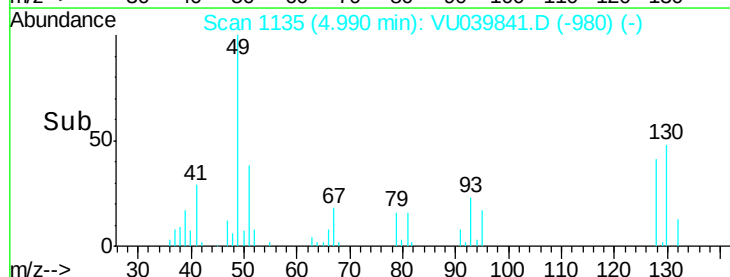
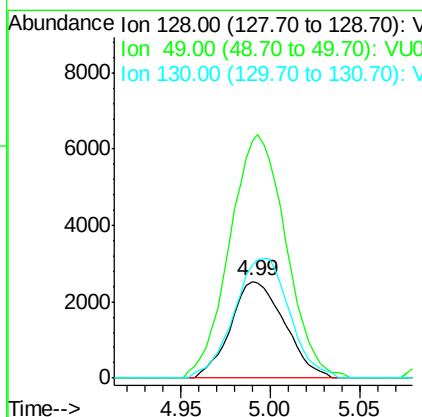
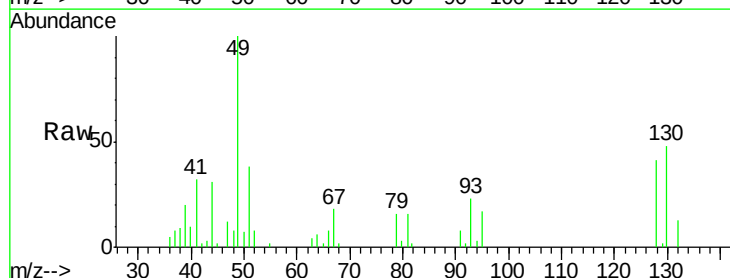
Manual Integrations
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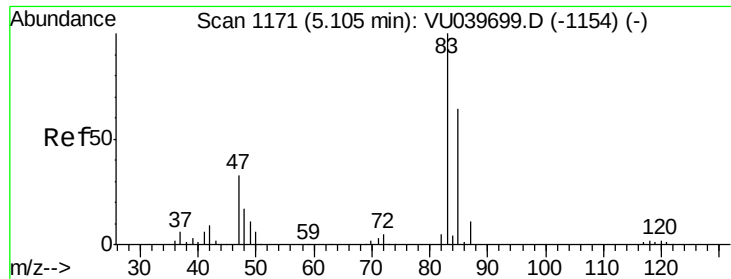
MMDadoda
8/13/2020 11:35:55 AM



#26
Bromochloromethane
Concen: 1.760 ug/l
RT: 4.99 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion: 128 Resp: 5354
Ion Ratio Lower Upper
128 100
49 261.8 0.0 503.8
130 127.0 102.7 154.1





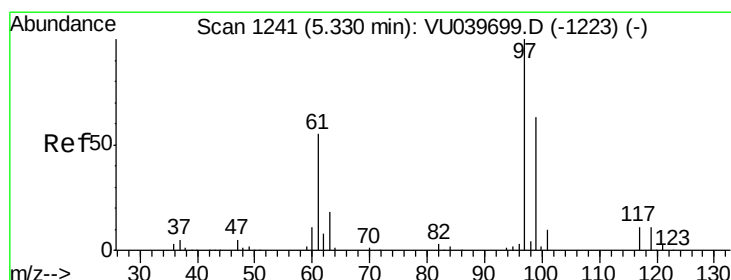
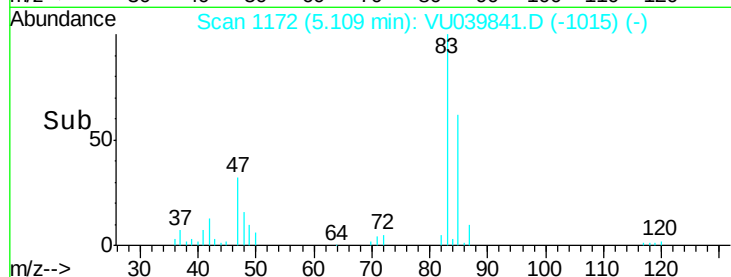
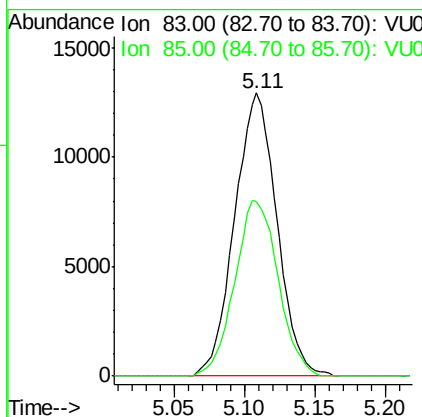
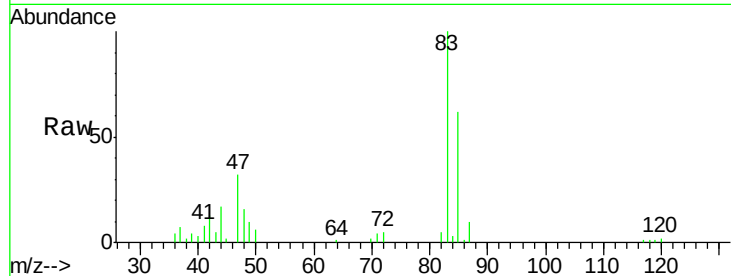
#27
Chloroform
Concen: 1.911 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion	83	Resp	27093
Ion Ratio	100	Lower	Upper
85	61.5	0.0	128.8

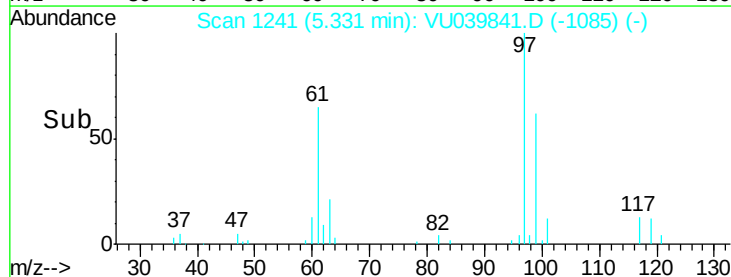
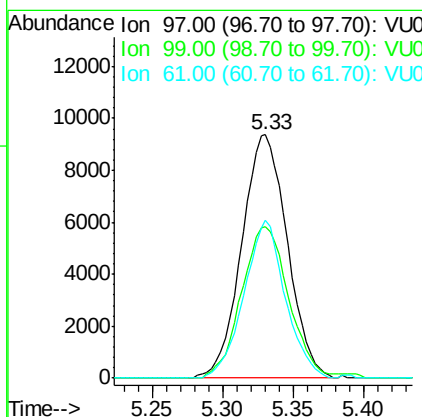
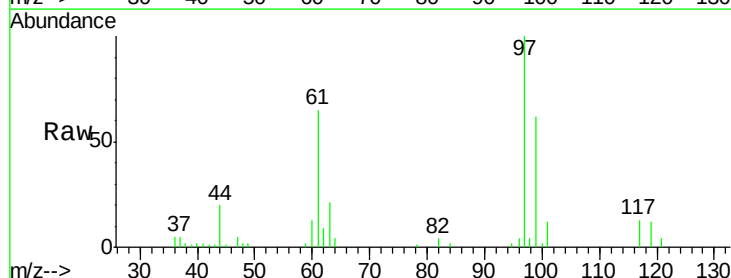
Manual Integrations
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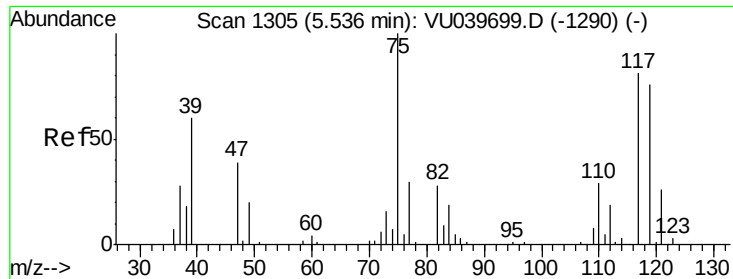
MMDadoda
8/13/2020 11:35:55 AM



#28
1,1,1-Trichloroethane
Concen: 1.846 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	97	Resp	21166
Ion Ratio	100	Lower	Upper
99	64.4	32.2	96.6
61	58.7	28.3	85.0





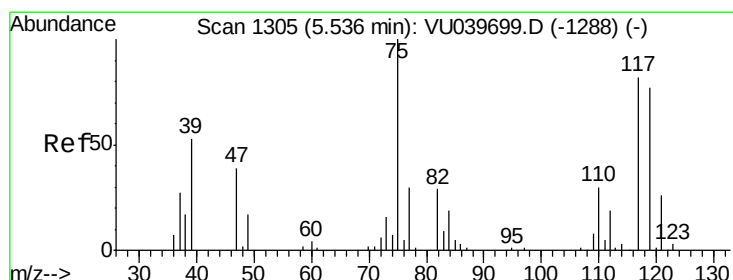
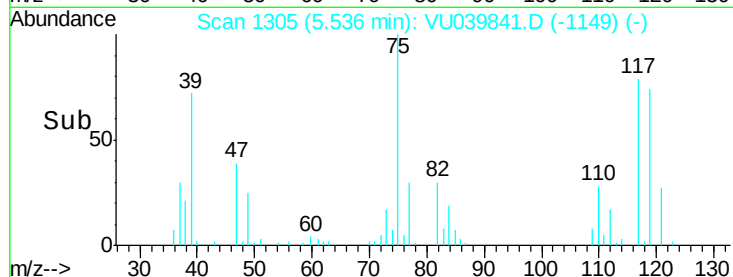
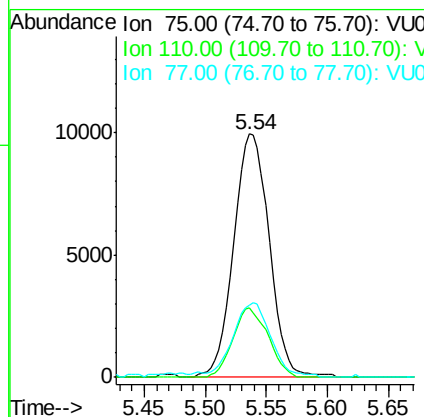
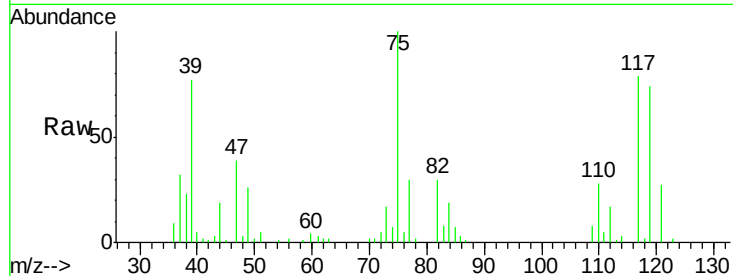
#29
 1,1-Dichloropropene
 Concen: 1.824 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	28.2	14.6	44.0
77	32.4	25.0	37.4

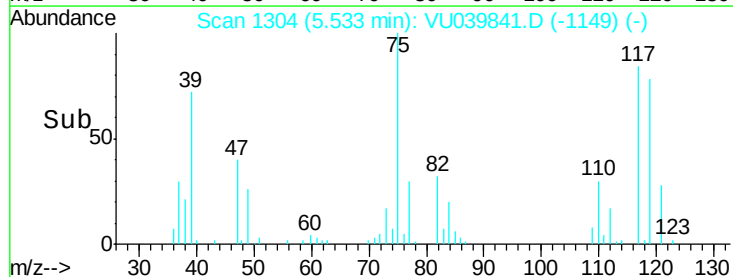
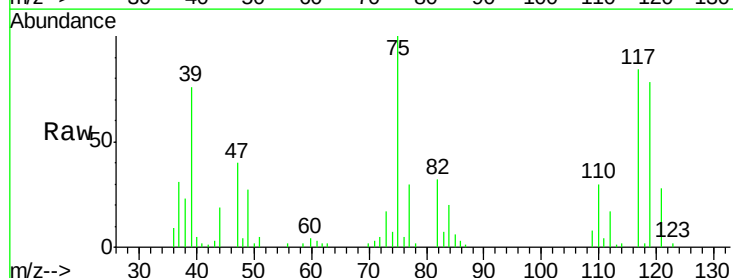
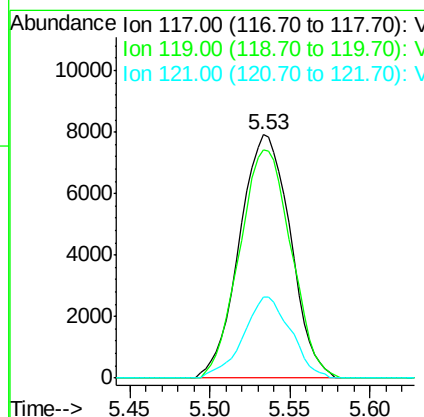
Manual Integrations
 APPROVED

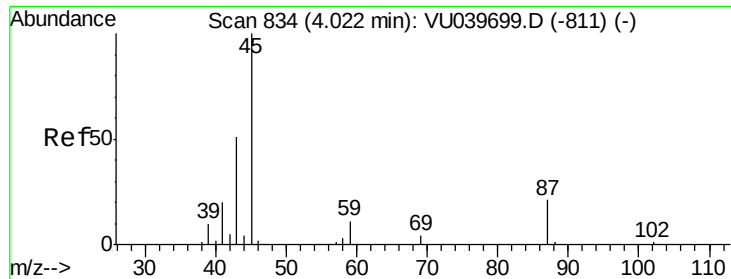
MMDadoda
 8/13/2020 11:35:55 AM



#30
 Carbon Tetrachloride
 Concen: 1.836 ug/l
 RT: 5.53 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	75.2	112.8
121	33.2	25.4	38.2





#31

Isopropyl Ether

Concen: 1.881 ug/l

RT: 4.03 min Scan# 835

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBSD01

Tot Ion: 45 Resp: 51946

Ion Ratio Lower Upper

45 100

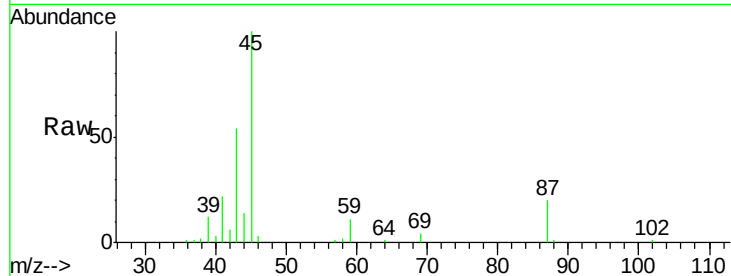
43 53.6 26.5 79.4

Manual Integrations

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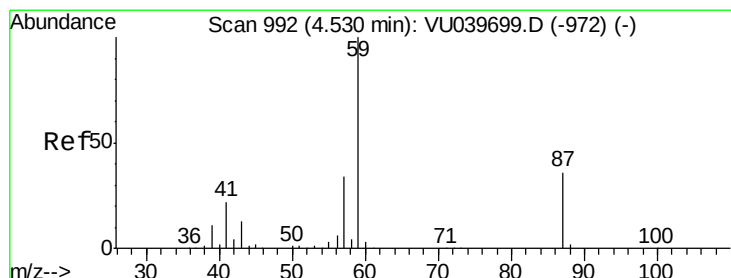
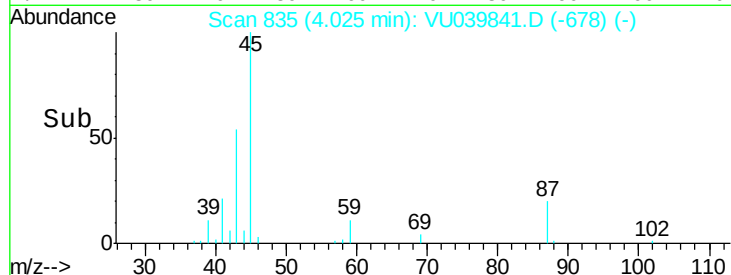
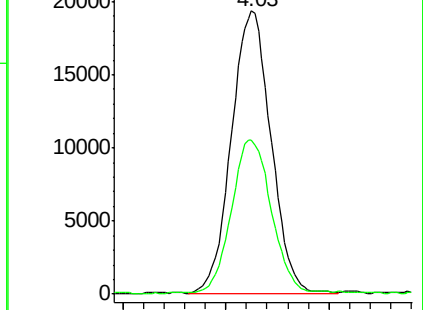
MMDadoda

8/13/2020 11:35:55 AM



Abundance Ion 45.00 (44.70 to 45.70): VU039699.D (-811) (-)

Ion 43.00 (42.70 to 43.70): VU039699.D (-811) (-)



#32

Ethyl-t-butyl ether

Concen: 1.833 ug/l

RT: 4.54 min Scan# 994

Delta R.T. 0.01 min

Lab File: VU039841.D

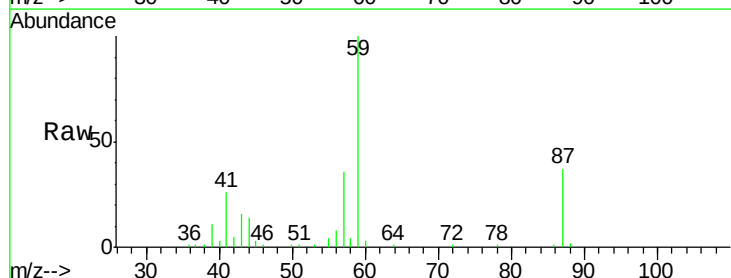
Acq: 12 Aug 2020 13:01

Tgt Ion: 59 Resp: 43089

Ion Ratio Lower Upper

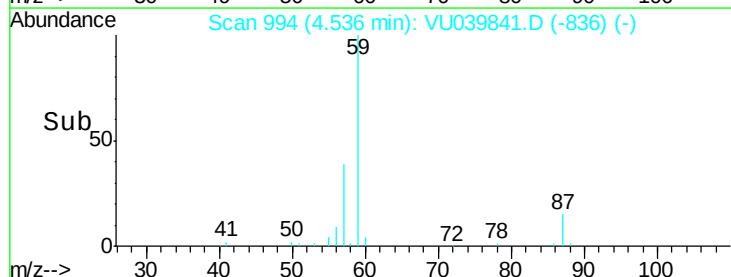
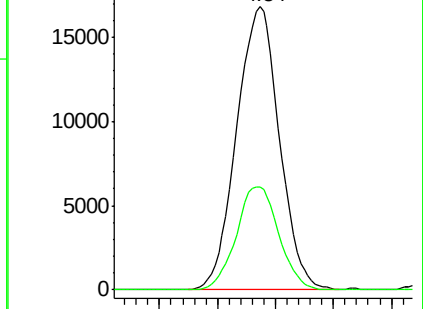
59 100

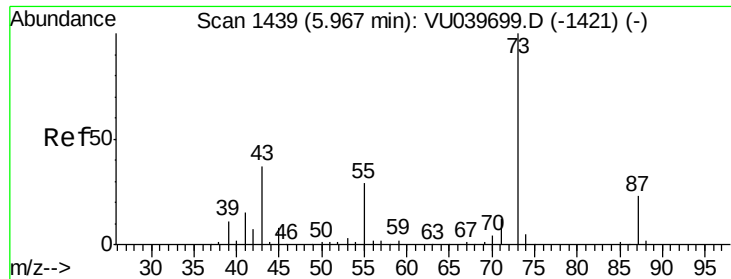
87 36.0 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039699.D (-972) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-972) (-)





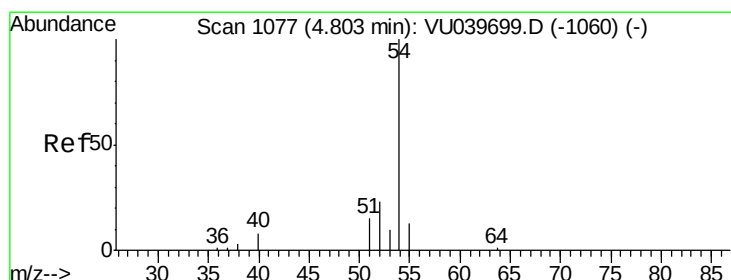
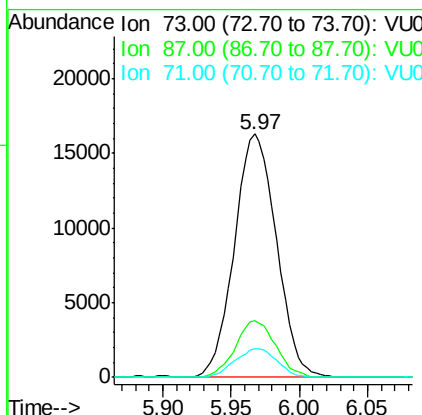
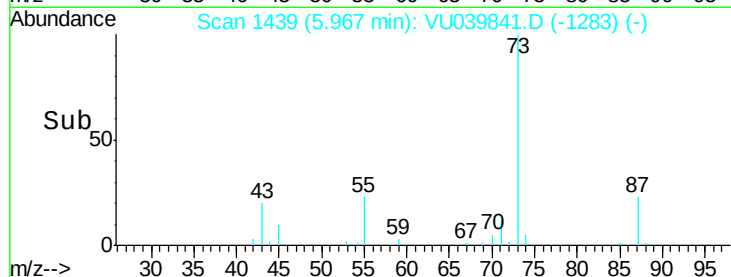
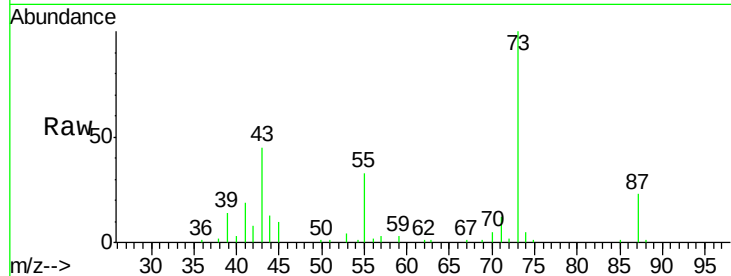
#33
 Tert-Butyl methyl ether
 Concen: 2.059 ug/l
 RT: 5.97 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.4	18.7	28.1
71	11.7	9.1	13.7

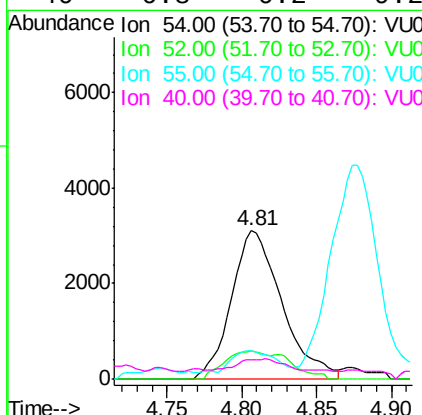
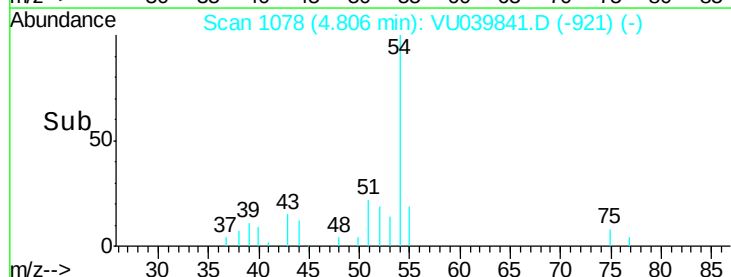
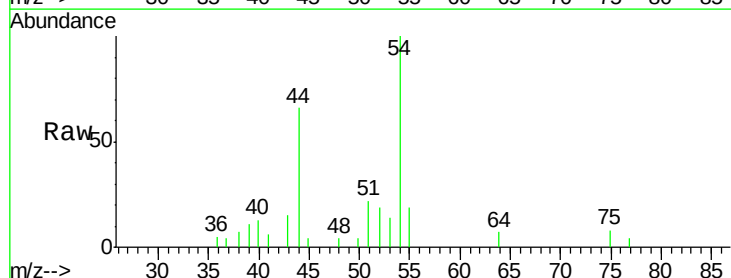
Manual Integrations
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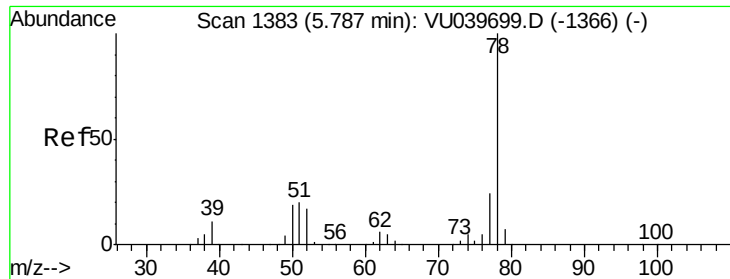
MMDadoda
 8/13/2020 11:35:55 AM



#34
 Propionitrile
 Concen: 8.799 ug/l
 RT: 4.81 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
54	100		
52	16.1	16.9	25.3#
55	12.0	12.9	19.3#
40	6.8	6.2	9.2





#35

Benzene

Concen: 2.024 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBSD01

Tot Ion: 78 Resp: 55298

Ion Ratio Lower Upper

78 100

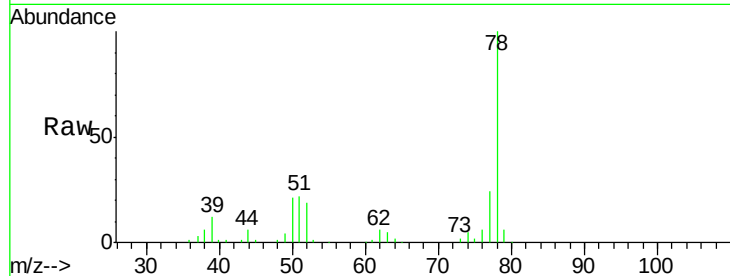
77 24.1 19.2 28.8

Manual Integrations

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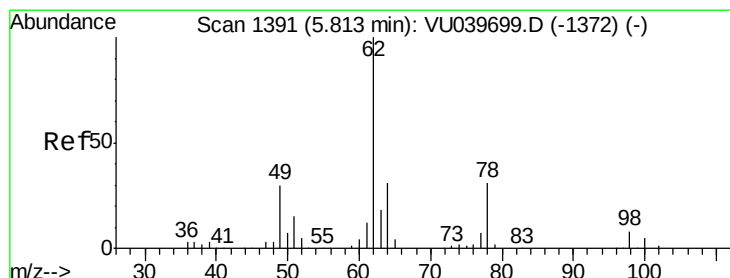
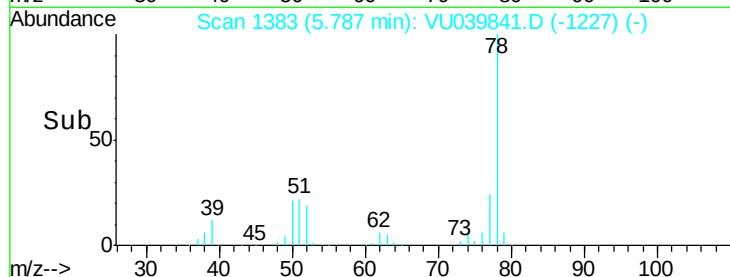
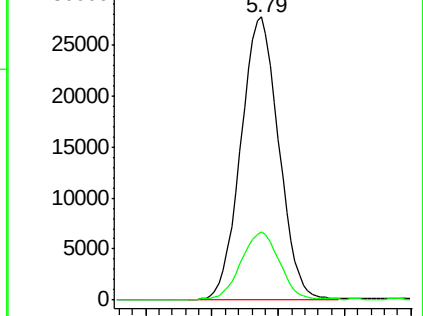
MMDadoda

8/13/2020 11:35:55 AM



Abundance Ion 78.10 (77.80 to 78.80): VU039699.D (-1366) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-1366) (-)



#36

1,2-Dichloroethane

Concen: 2.056 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU039841.D

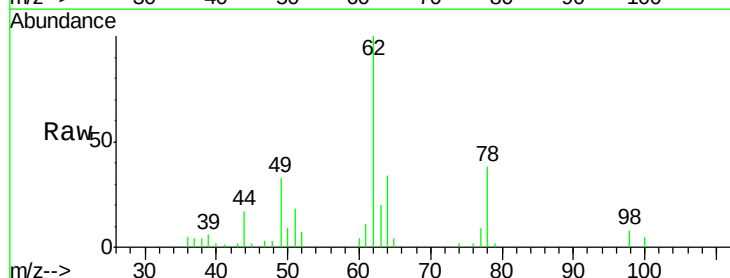
Acq: 12 Aug 2020 13:01

Tgt Ion: 62 Resp: 21057

Ion Ratio Lower Upper

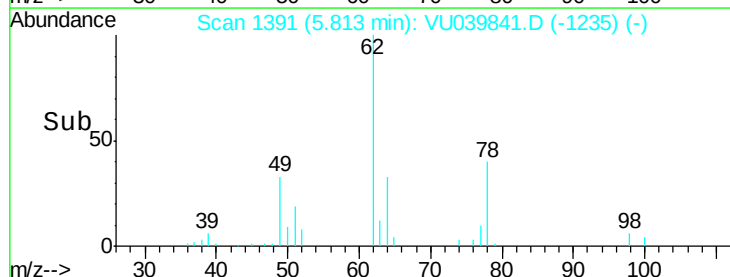
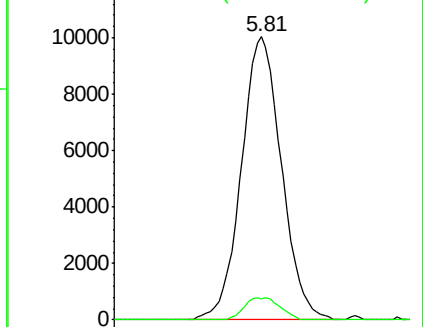
62 100

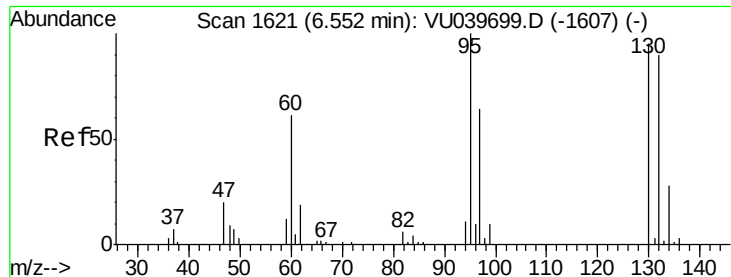
98 6.9 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-1372) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-1372) (-)





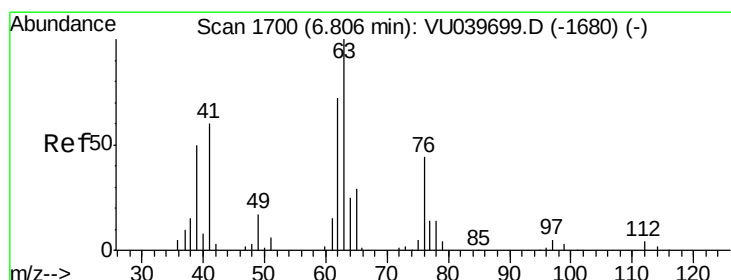
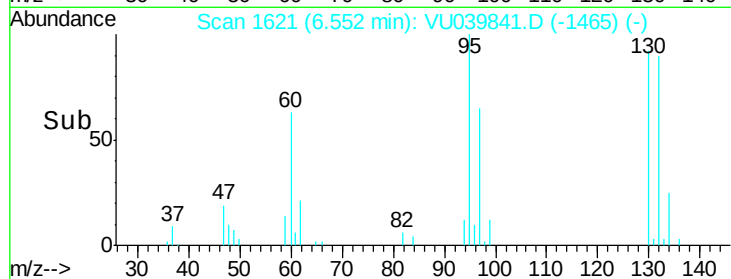
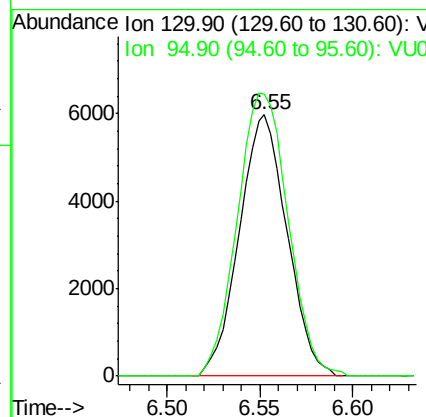
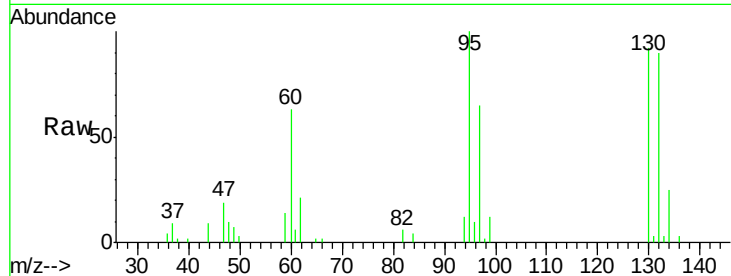
#37
 Trichloroethene
 Concen: 1.704 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion:130 Resp: 10652
 Ion Ratio Lower Upper
 130 100
 95 108.2 84.3 126.5

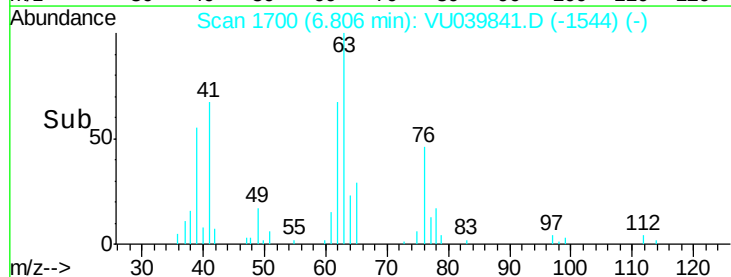
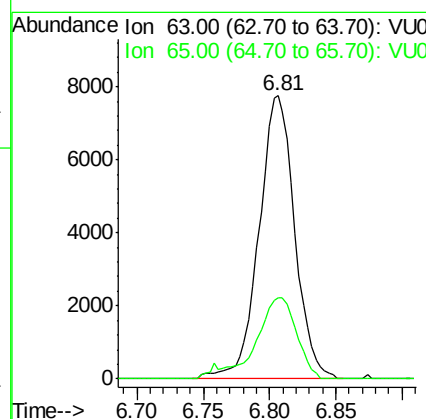
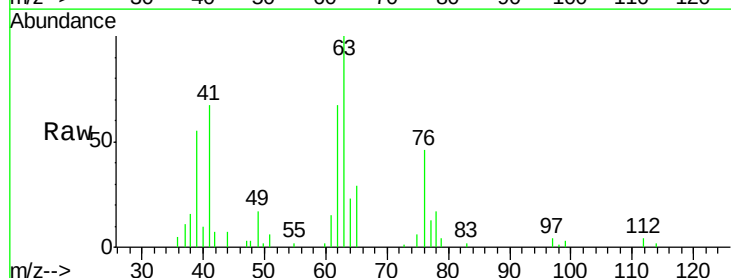
Manual Integrations
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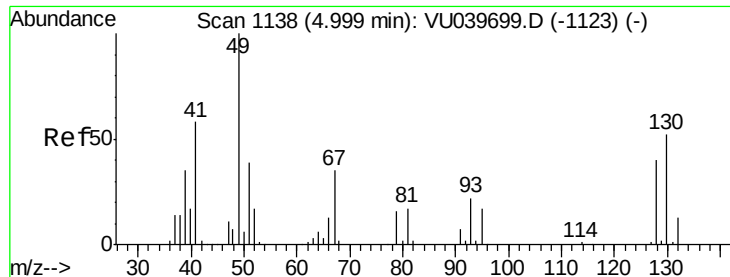
MMDadoda
 8/13/2020 11:35:55 AM



#38
 1,2-Dichloropropane
 Concen: 1.940 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion: 63 Resp: 14604
 Ion Ratio Lower Upper
 63 100
 65 28.8 23.8 35.6





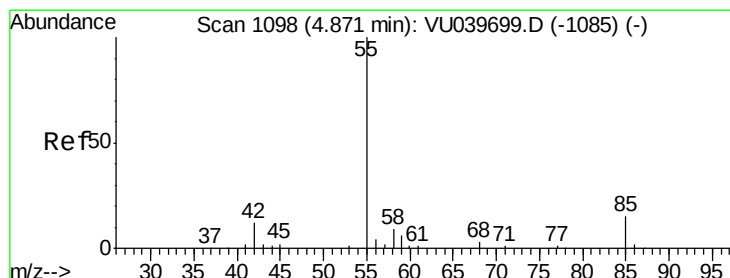
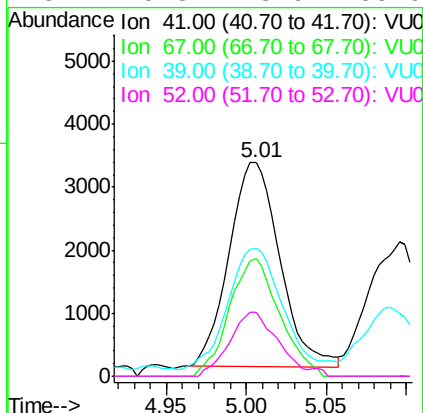
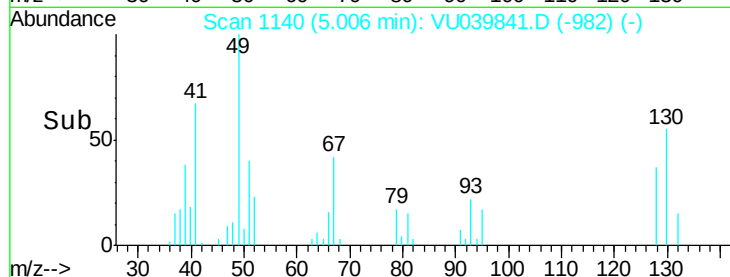
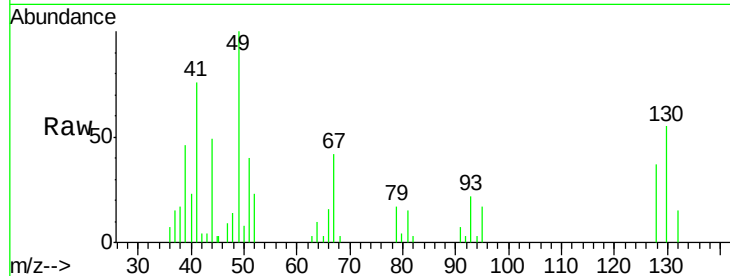
#39
Methacrylonitrile
Concen: 1.606 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		7036		
67	56.8	48.3	72.5		
39	63.2	47.6	71.4		
52	29.3	23.9	35.9		

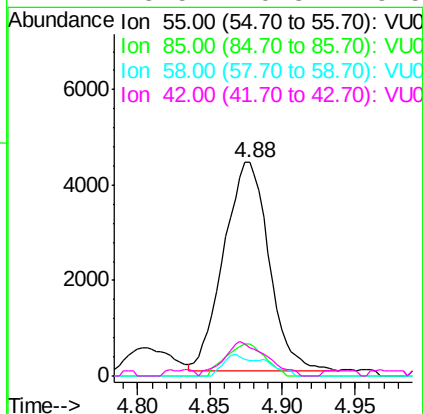
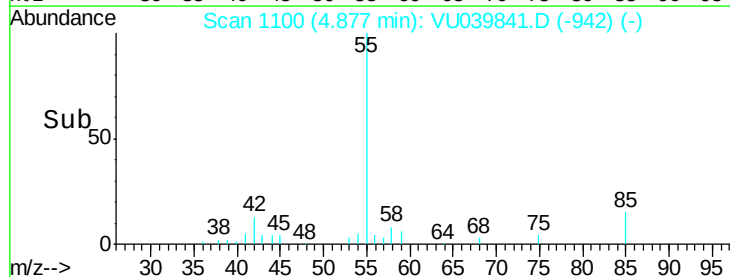
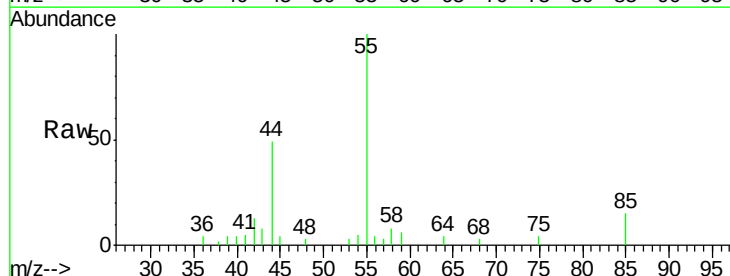
Manual Integrations
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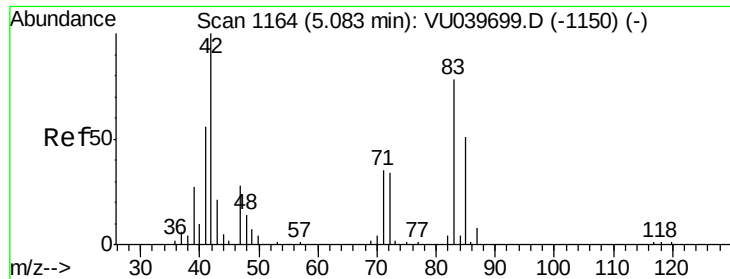
MMDadoda
8/13/2020 11:35:55 AM



#40
Methyl acrylate
Concen: 1.674 ug/l
RT: 4.88 min Scan# 1100
Delta R.T. 0.01 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
55	100		9457		
85	13.4	11.4	17.0		
58	6.0	7.4	11.0		
42	15.5	10.3	15.5		





#41

Tetrahydrofuran

Concen: 3.187 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

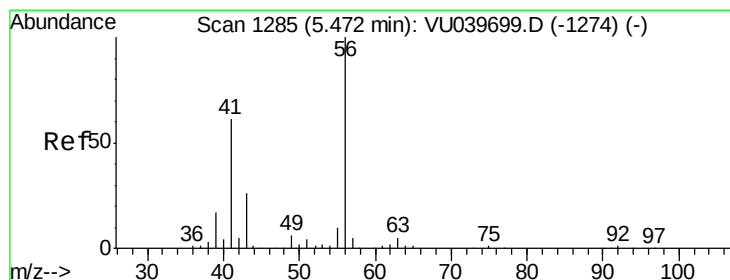
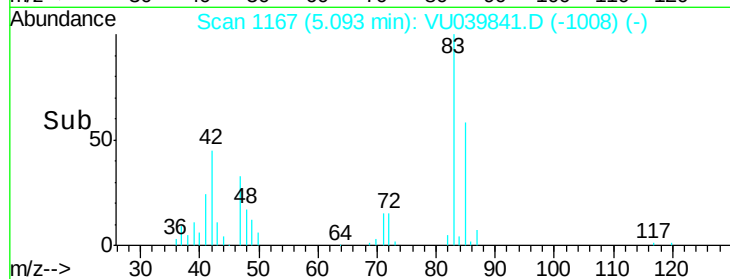
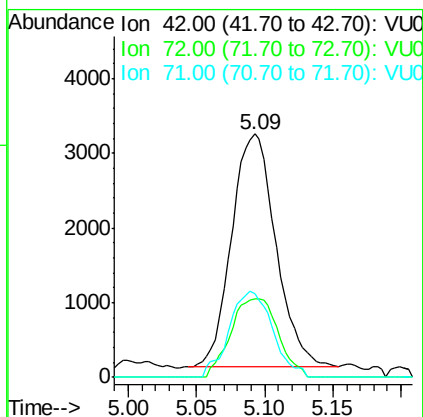
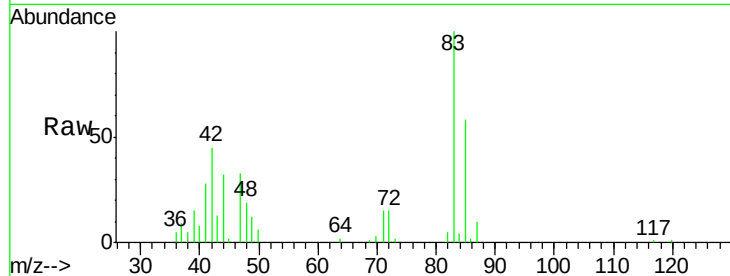
ClientSampleId :

VU0812WBSD01

Tot Ion:	42	Resp:	7022
Ion	Ratio	Lower	Upper
42	100		
72	36.2	31.0	46.6
71	36.3	28.2	42.4

Manual Integrations
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MMDadoda
8/13/2020 11:35:55 AM



#42

1-Chlorobutane

Concen: 1.803 ug/l

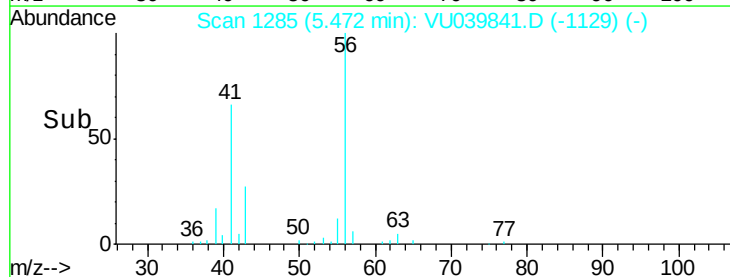
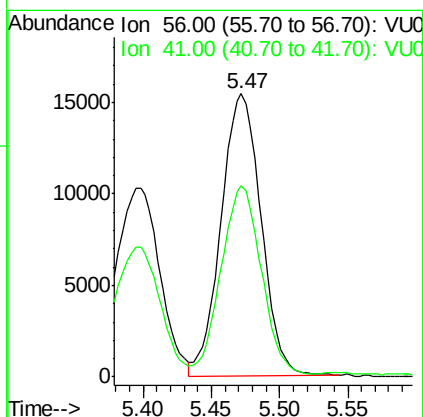
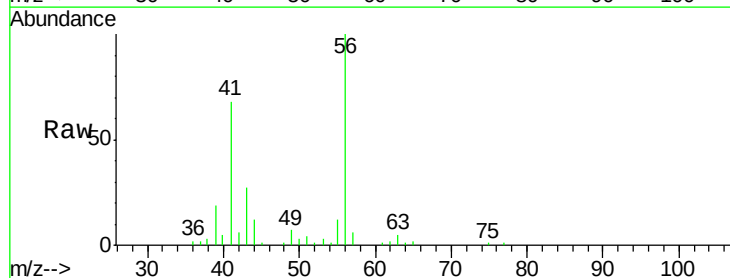
RT: 5.47 min Scan# 1285

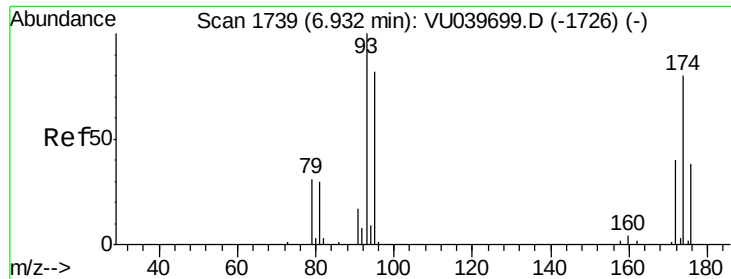
Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Tgt Ion:	56	Resp:	31248
Ion	Ratio	Lower	Upper
56	100		
41	67.0	30.5	91.5





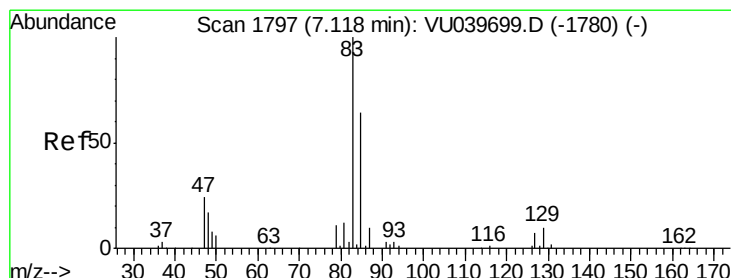
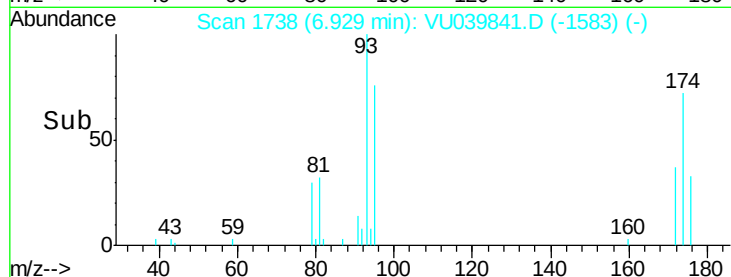
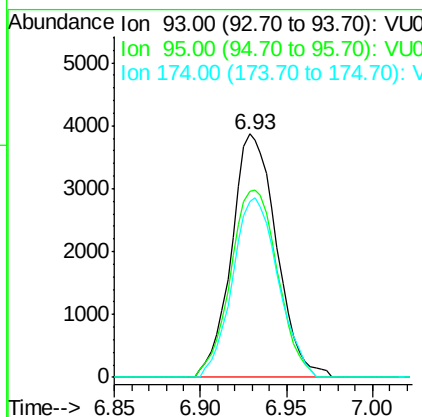
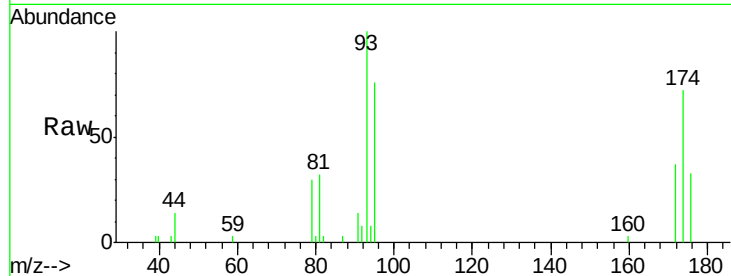
#43
 Dibromomethane
 Concen: 1.740 ug/l
 RT: 6.93 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
93	100		
95	80.5	66.6	99.8
174	74.5	62.7	94.1

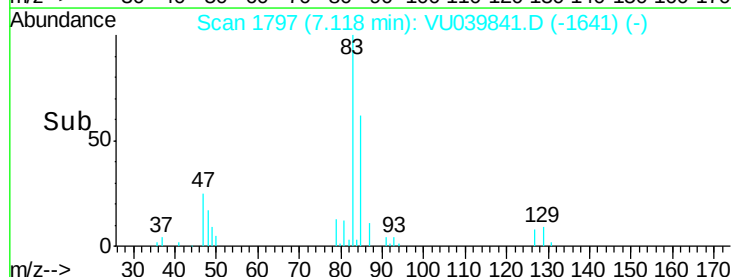
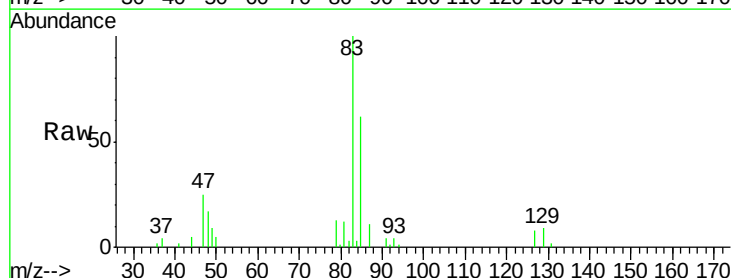
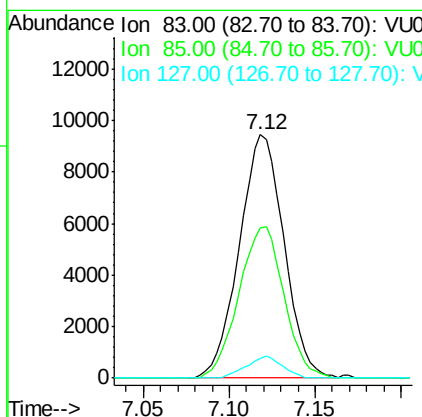
Manual Integrations
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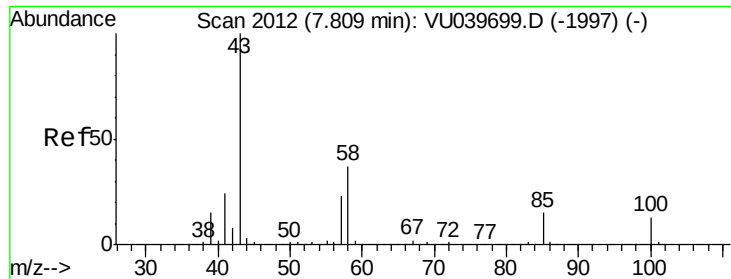
MMDadoda
 8/13/2020 11:35:55 AM



#44
 Bromodichloromethane
 Concen: 1.834 ug/l
 RT: 7.12 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.8	76.2
127	8.3	5.8	8.6





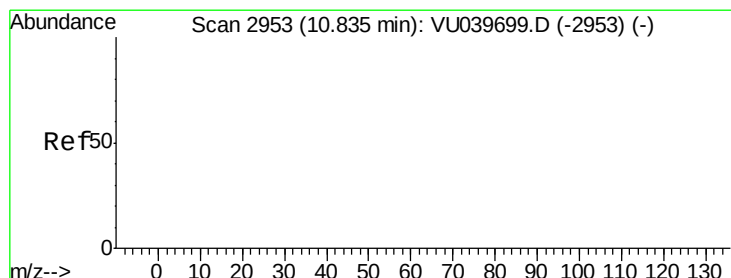
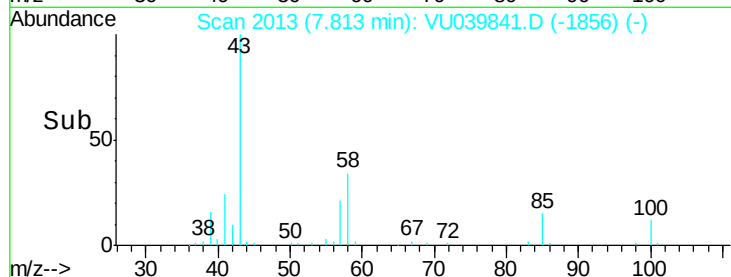
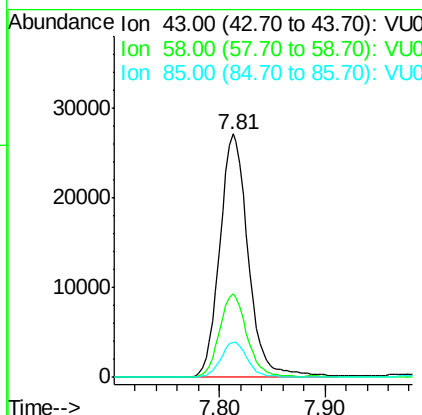
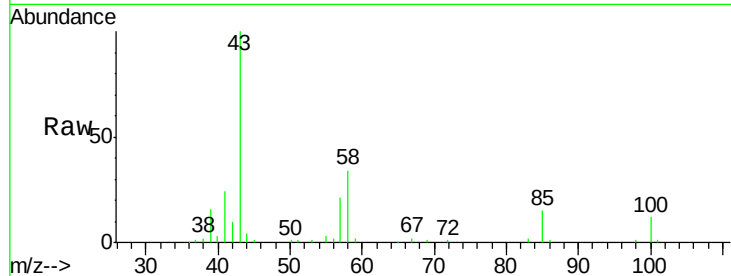
#45
4-Methyl-2-Pentanone
Concen: 8.269 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampled :
VU0812WBSD01

Tot Ion:	43	Resp:	50749
Ion	Ratio	Lower	Upper
43	100		
58	33.1	18.4	55.0
85	13.6	11.8	17.6

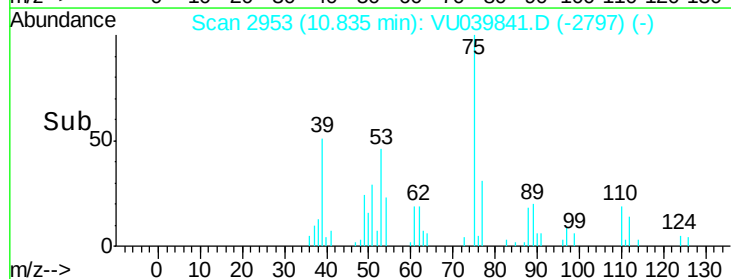
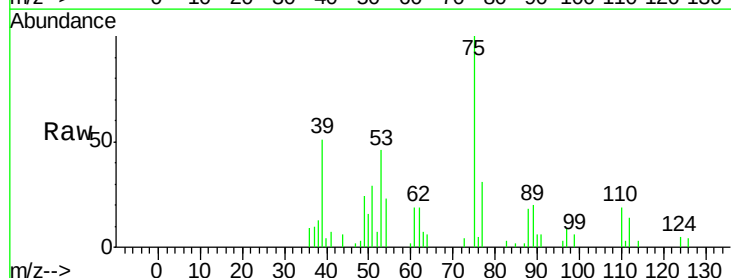
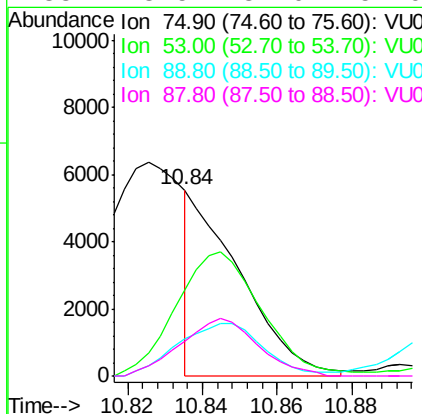
Manual Integrations
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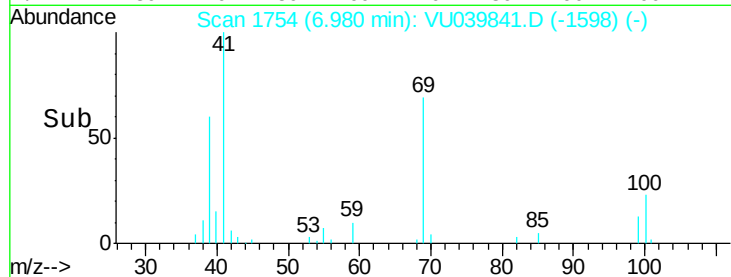
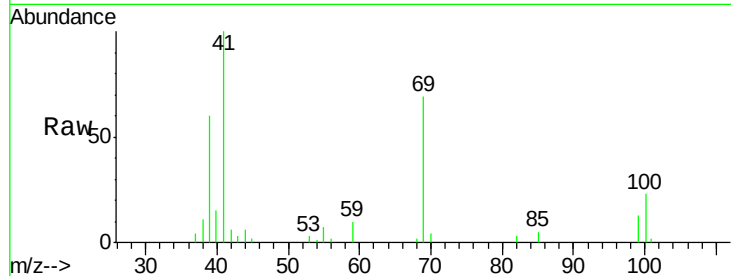
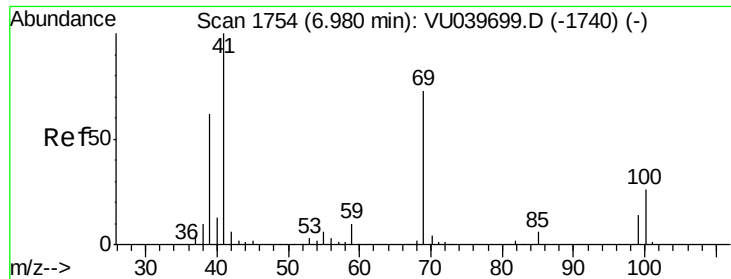
MMDadoda
8/13/2020 11:35:55 AM



#46
t-1,4-Dichloro-2-butene
Concen: 2.801 ug/l m
RT: 10.84 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion:	75	Resp:	5113
Ion	Ratio	Lower	Upper
75	100		
53	115.2	78.6	118.0
89	49.0	40.3	60.5
88	48.5	34.0	51.0





#47

Methvl methacrylate

Concen: 3.316 ug/l

RT: 6.98 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	144.3	0.0	271.6		
39	88.1	67.4	101.2		
100	33.6	28.3	42.5		

Instrument :

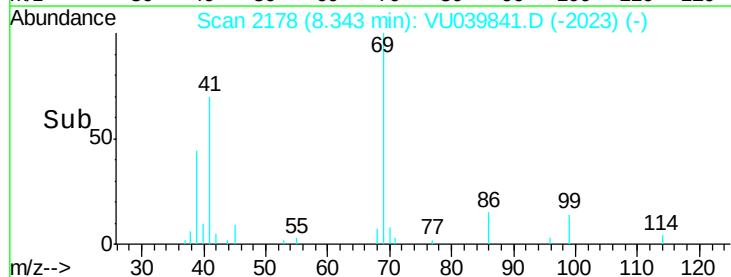
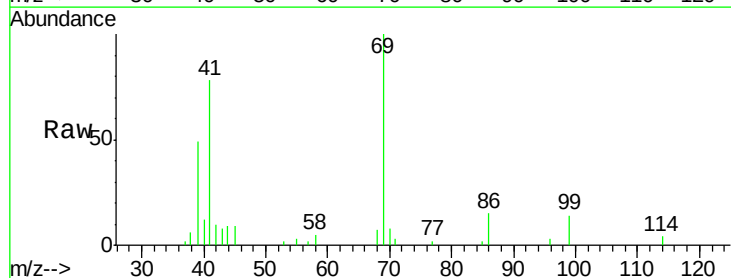
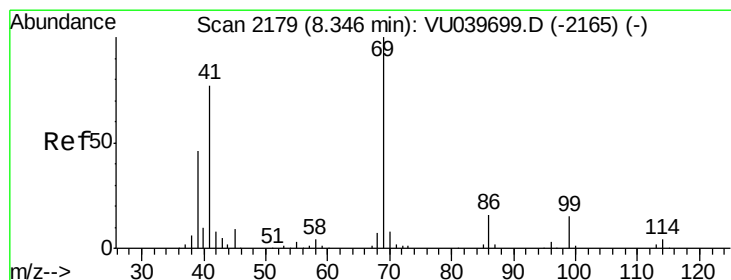
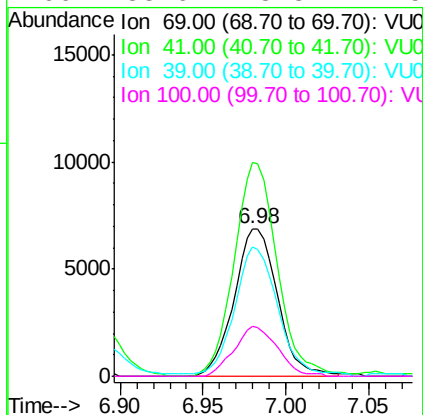
MSVOA_U

ClientSampleId :

VU0812WBSD01

Manual Integrations
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#48

Ethyl methacrylate

Concen: 1.477 ug/l

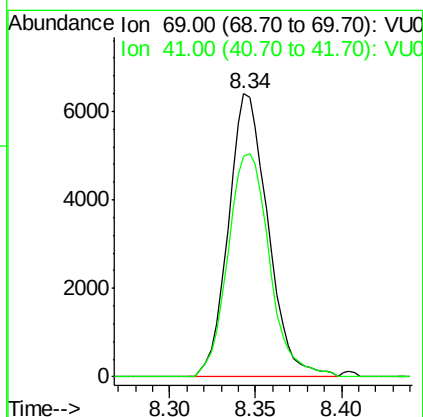
RT: 8.34 min Scan# 2178

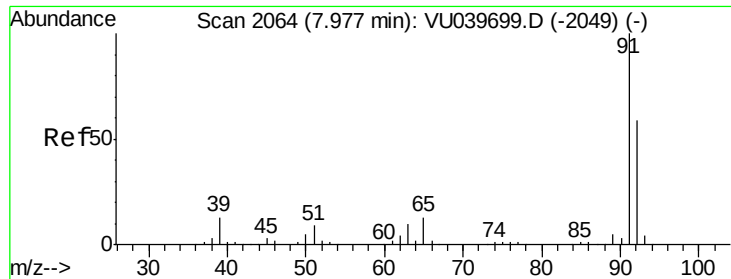
Delta R.T. -0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	83.1	39.1	117.5		





#49

Toluene

Concen: 1.605 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBSD01

Tot Ion: 92 Resp: 26101

Ion Ratio Lower Upper

92 100

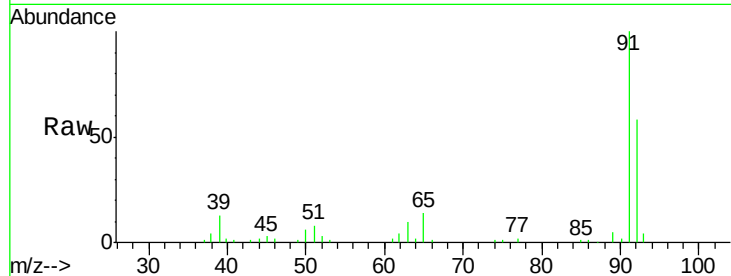
91 174.2 136.1 204.1

Manual Integrations

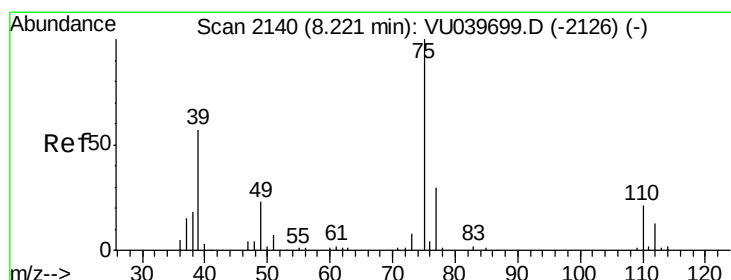
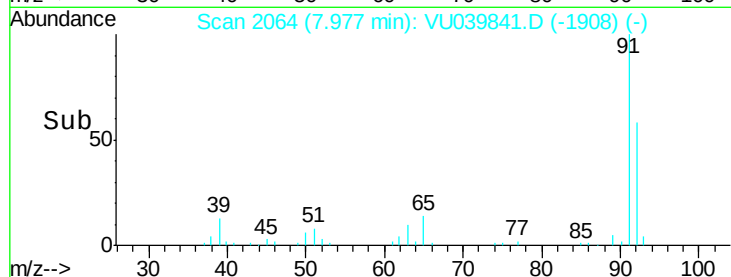
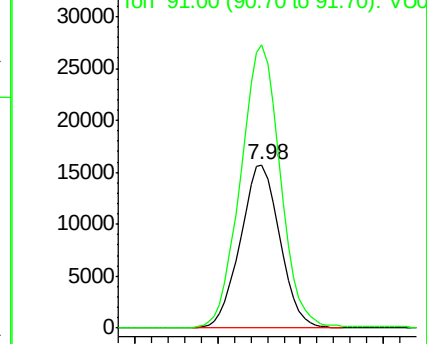
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Abundance Ion 92.00 (91.70 to 92.70): VU039699.D (-2049) (-)



#50

t-1,3-Dichloropropene

Concen: 1.677 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VU039841.D

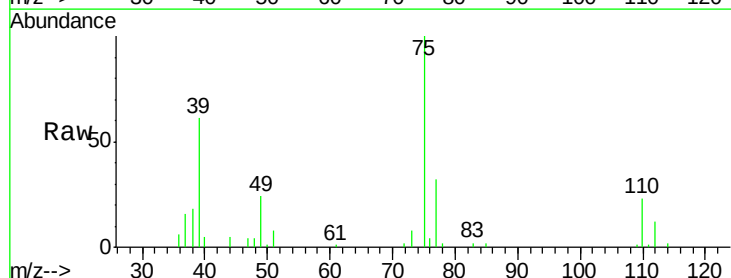
Acq: 12 Aug 2020 13:01

Tgt Ion: 75 Resp: 14029

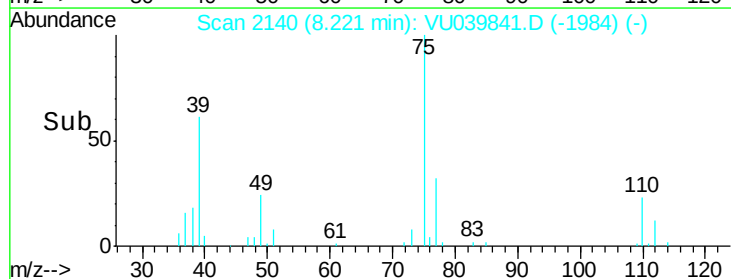
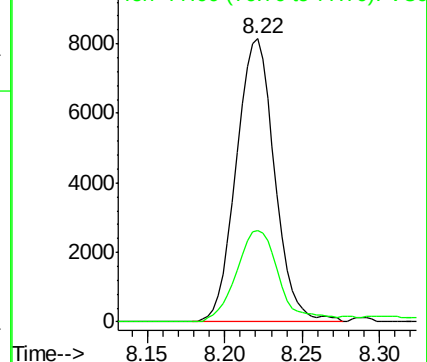
Ion Ratio Lower Upper

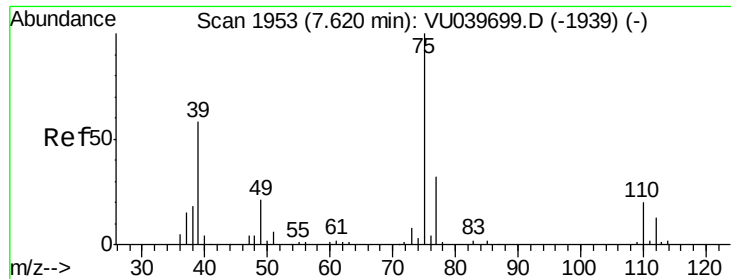
75 100

77 32.3 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2126) (-)





#51

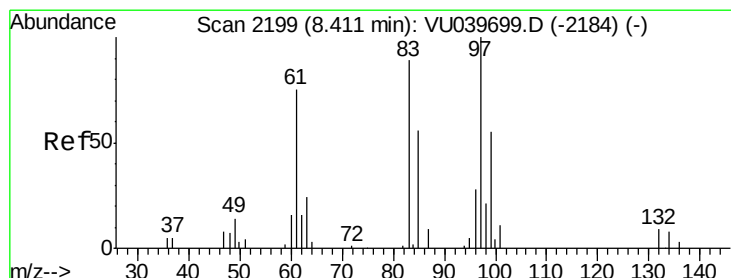
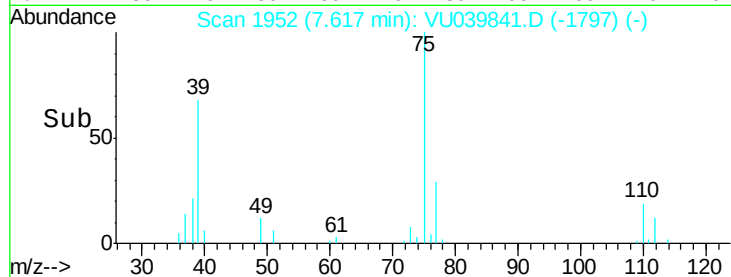
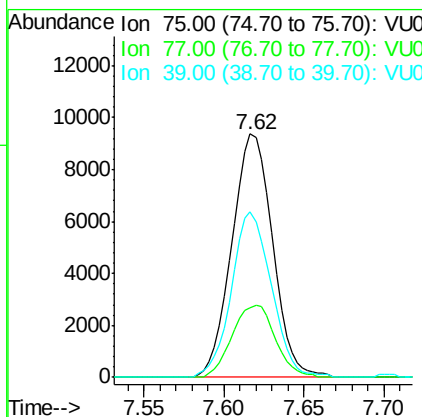
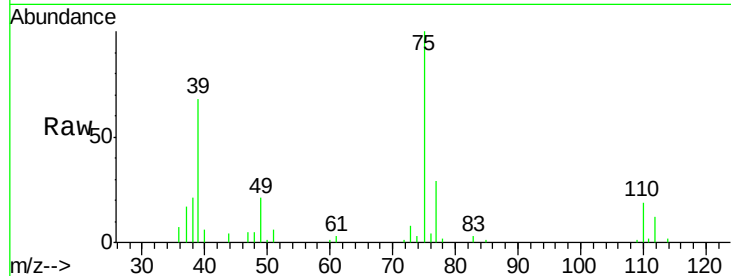
cis-1,3-Dichloropropene
 Concen: 1.656 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.7	25.7	38.5
39	67.8	46.1	69.1

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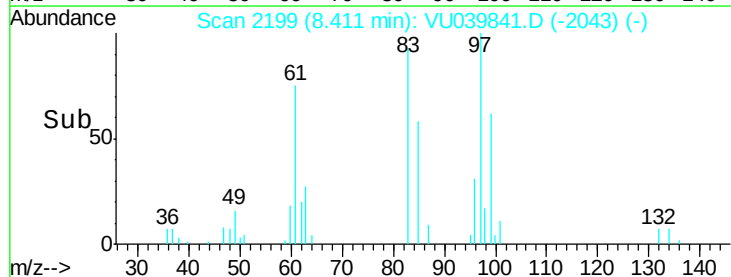
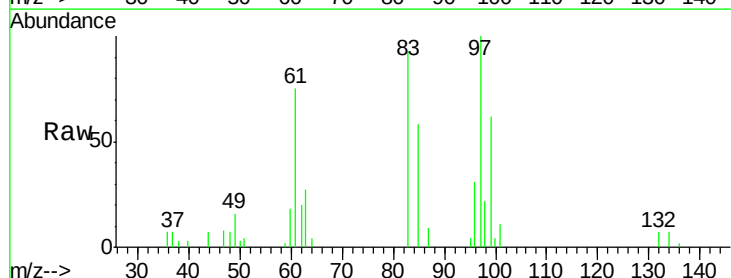
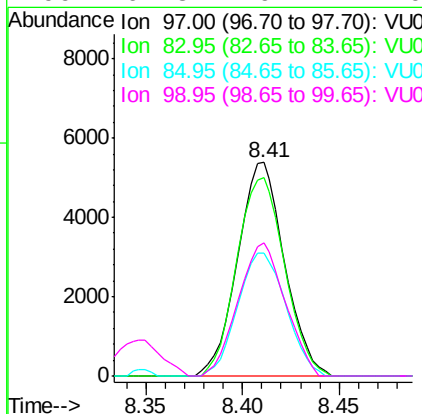
MMDadoda
 8/13/2020 11:35:55 AM

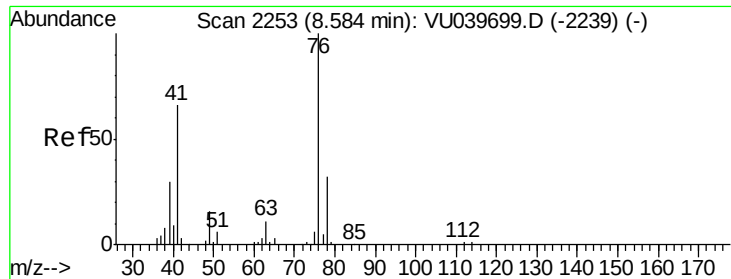


#52

1,1,2-Trichloroethane
 Concen: 1.722 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.8	71.3	106.9
85	57.6	45.4	68.2
99	62.3	49.4	74.0





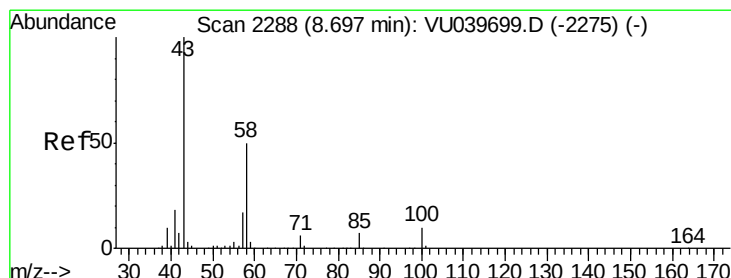
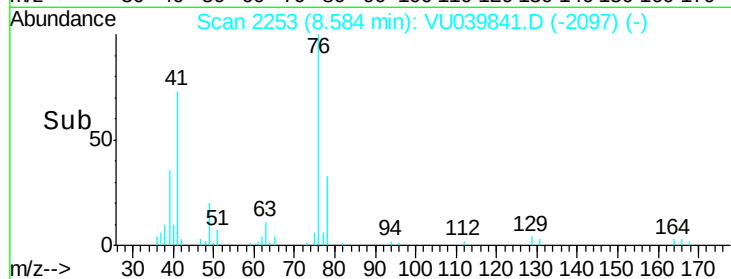
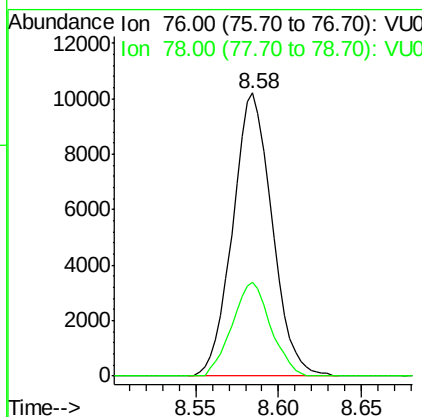
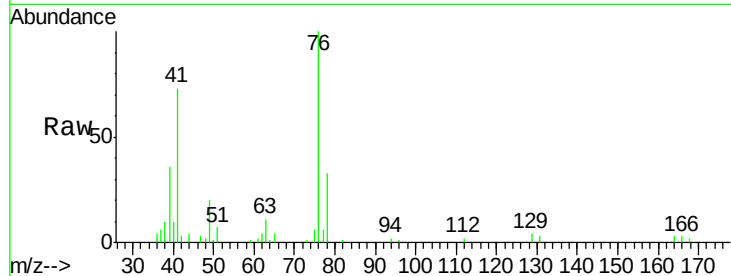
#53
 1,3-Dichloropropane
 Concen: 1.668 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.4	38.2

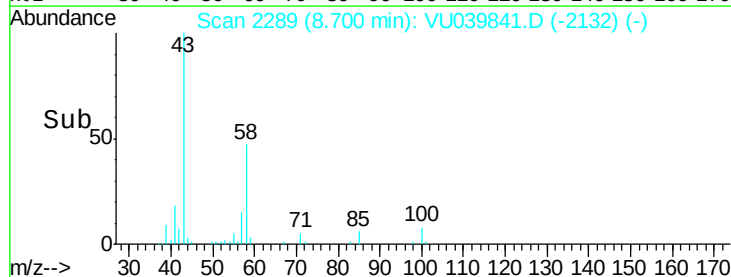
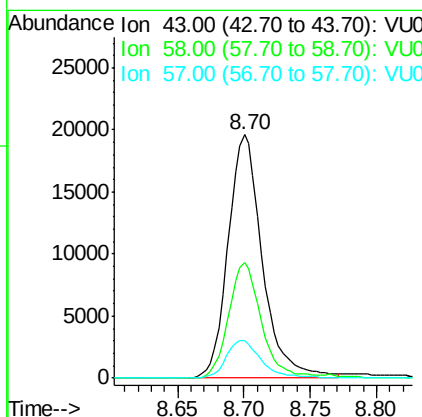
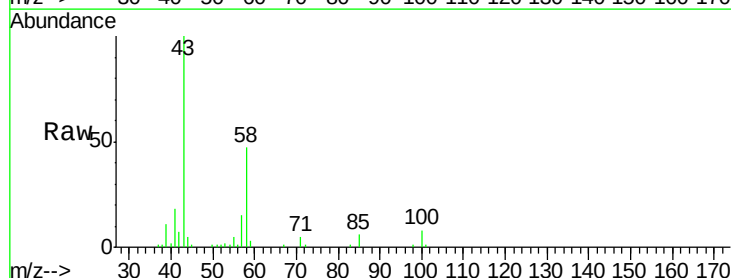
Manual Integrations
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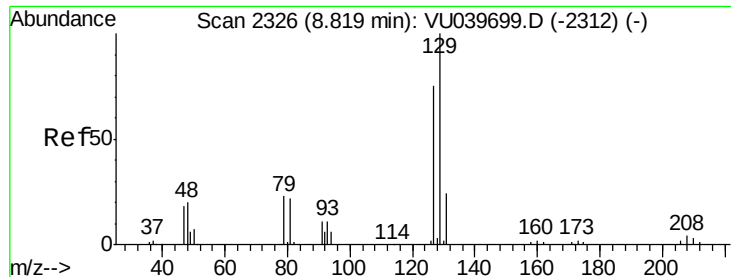
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 8/13/2020 11:35:55 AM



#54
 2-Hexanone
 Concen: 8.026 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	45.2	29.9	69.9
57	15.7	0.0	37.2





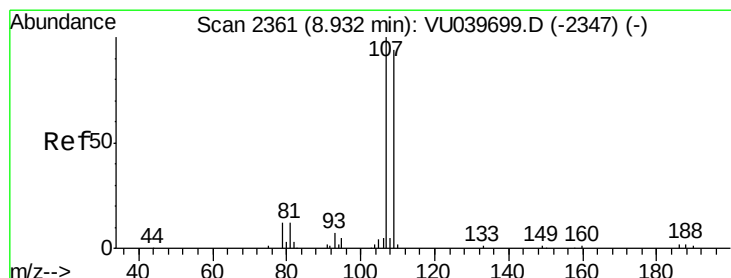
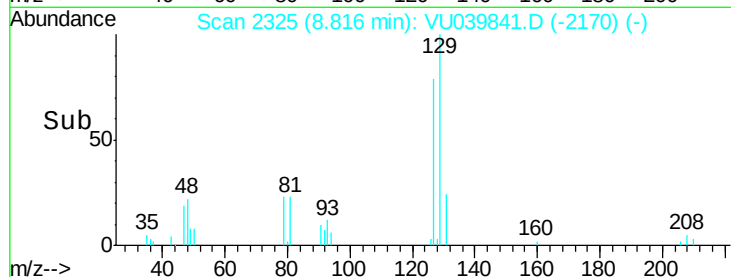
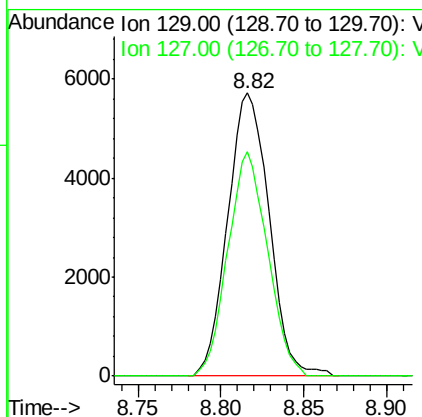
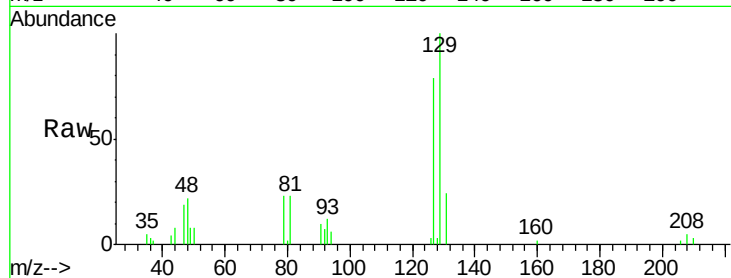
#55
 Dibromochloromethane
 Concen: 1.756 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
129	100		
127	75.9	62.4	93.6

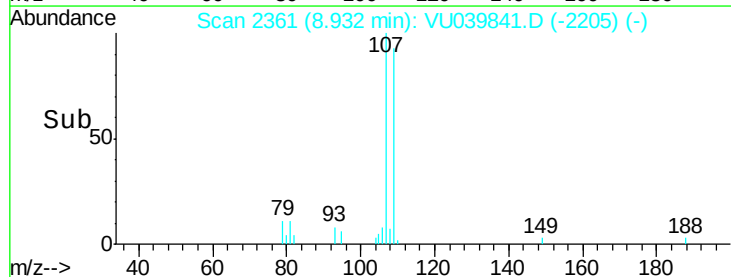
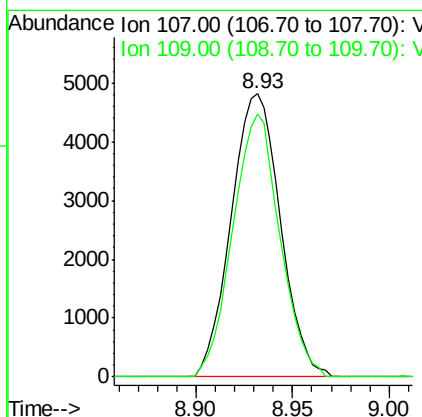
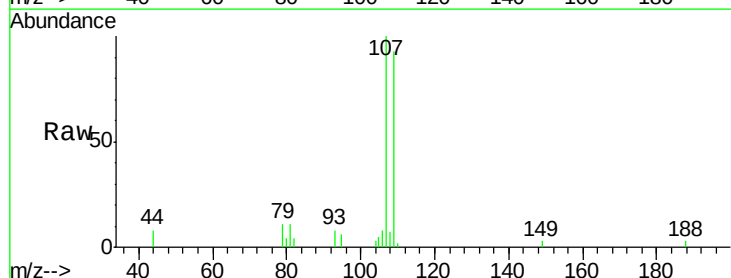
Manual Integrations
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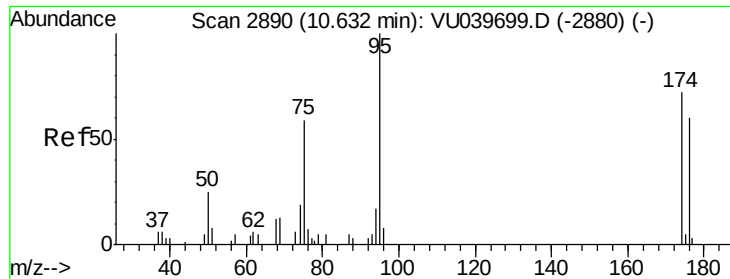
MMDadoda
 8/13/2020 11:35:55 AM



#56
 1,2-Dibromoethane
 Concen: 1.678 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
107	100		
109	88.9	0.0	185.2





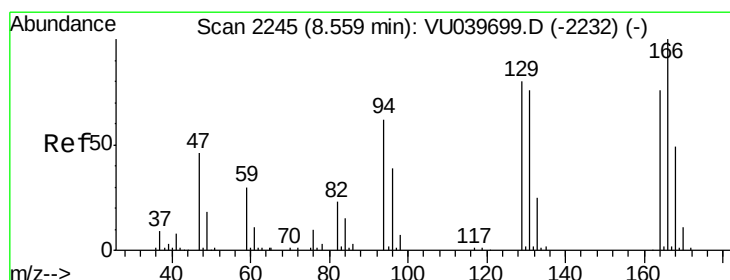
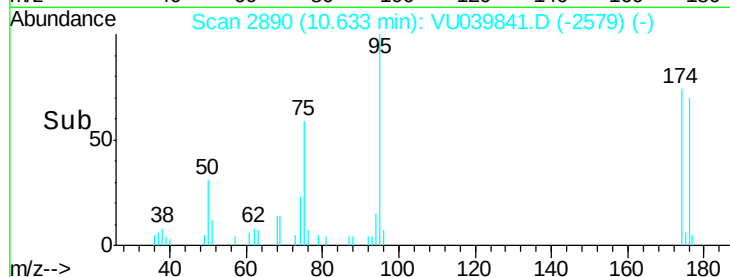
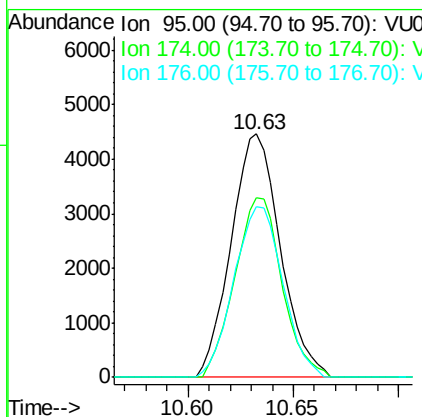
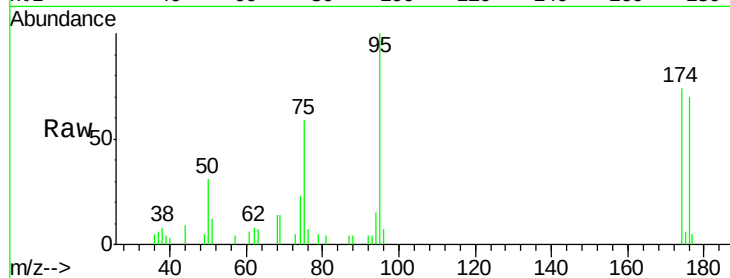
#57
4-Bromofluorobenzene
Concen: 0.848 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
95	100		
174	70.9	57.0	85.4
176	69.5	50.2	75.2

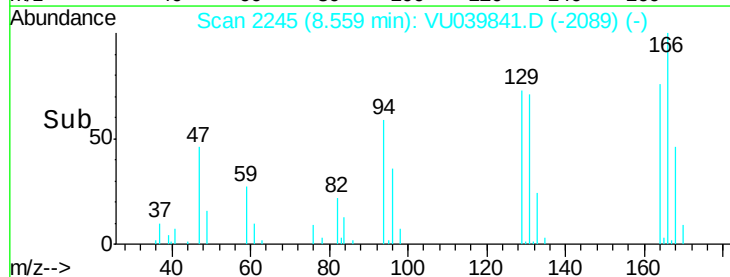
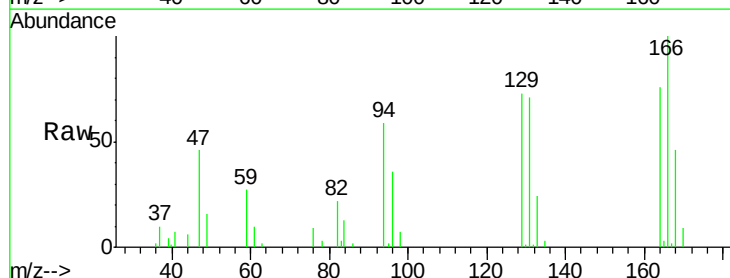
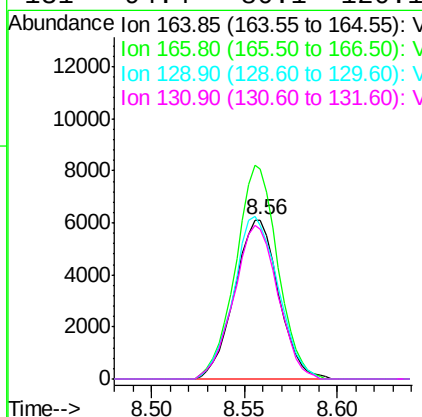
Manual Integrations
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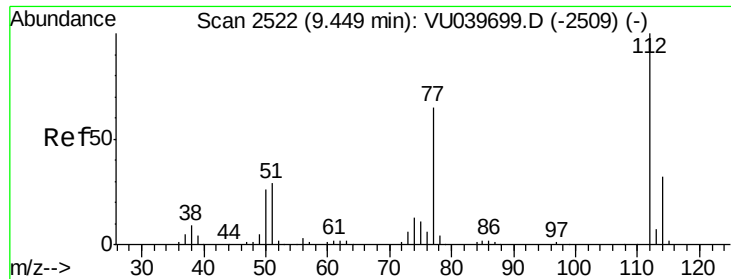
MMDadoda
8/13/2020 11:35:55 AM



#58
Tetrachloroethene
Concen: 1.842 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.2	104.8	157.2
129	96.2	84.1	126.1
131	94.4	80.1	120.1





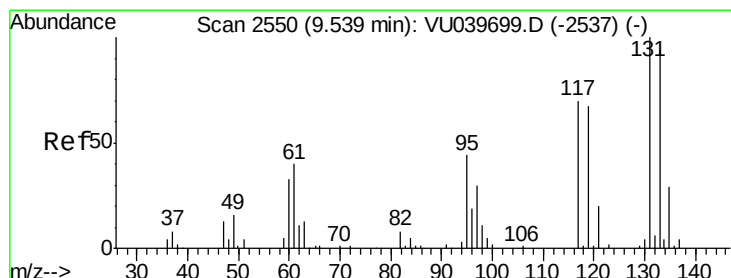
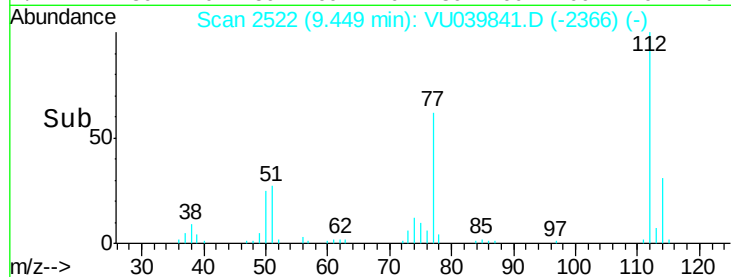
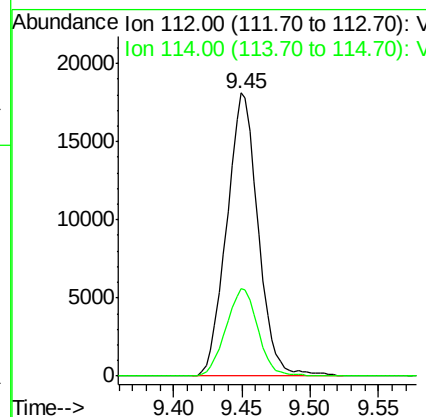
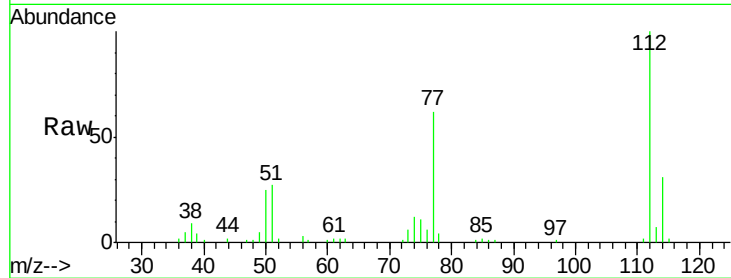
#59
Chlorobenzene
Concen: 1.722 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.8	25.8	38.6

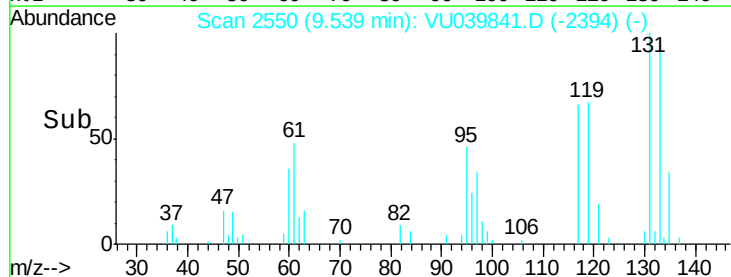
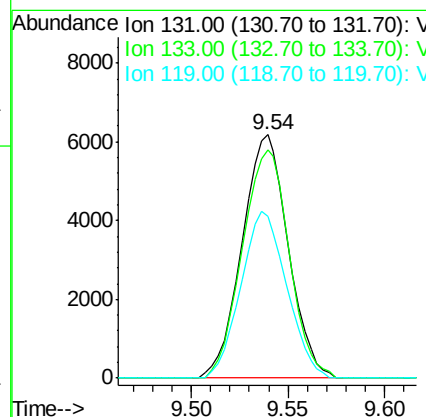
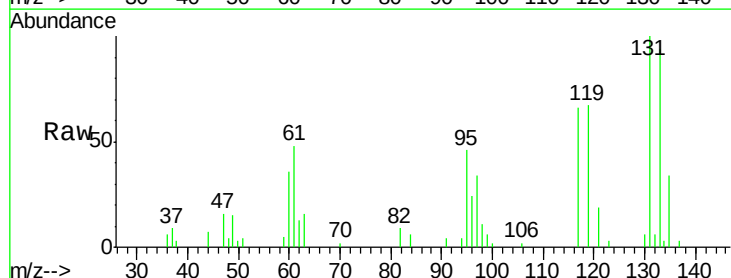
Manual Integrations
APPROVED

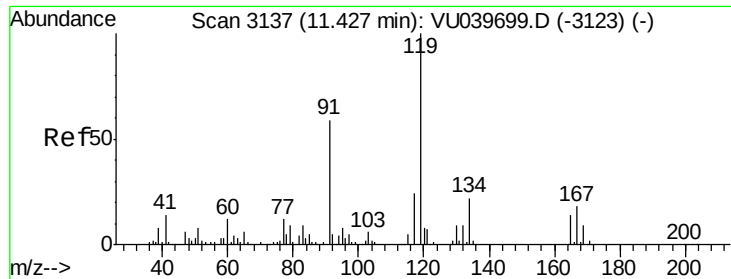
MMDadoda
8/13/2020 11:35:55 AM



#60
1,1,1,2-Tetrachloroethane
Concen: 1.810 ug/l
RT: 9.54 min Scan# 2550
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	75.8	113.8
119	67.9	54.6	81.8





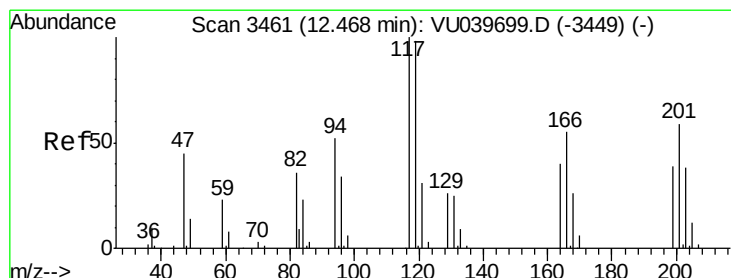
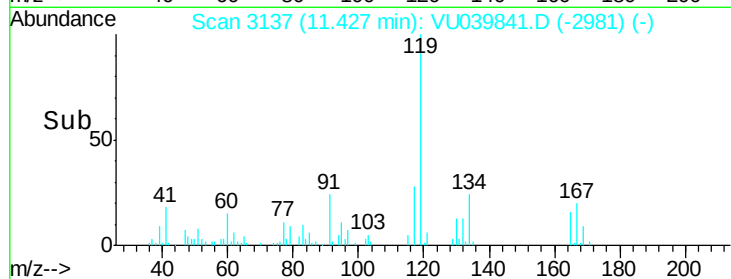
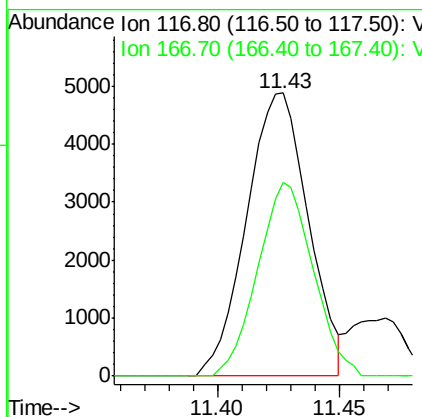
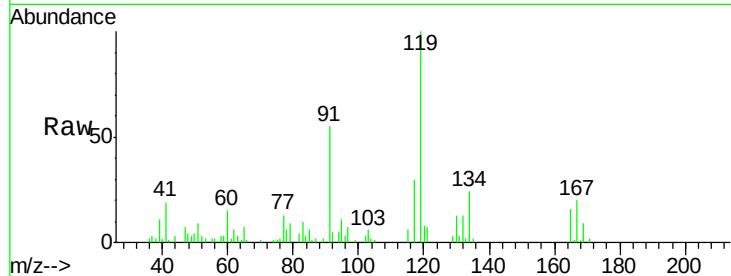
#61
 Pentachloroethane
 Concen: 1.722 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion:117 Resp: 8576
 Ion Ratio Lower Upper
 117 100
 167 61.2 56.6 85.0

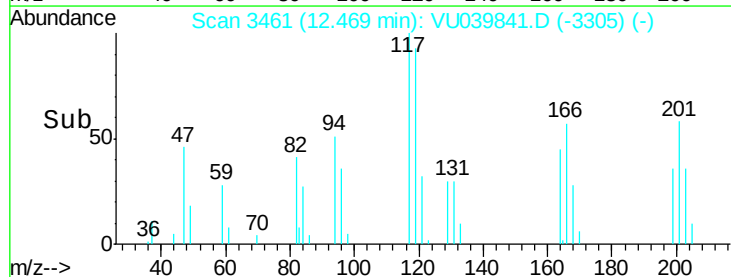
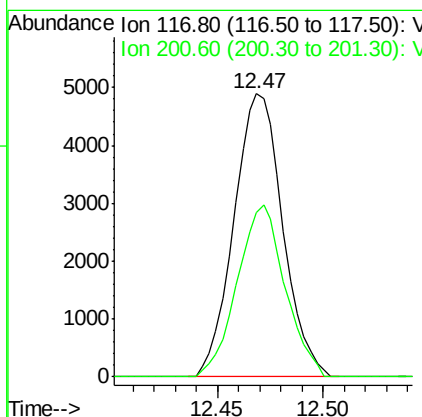
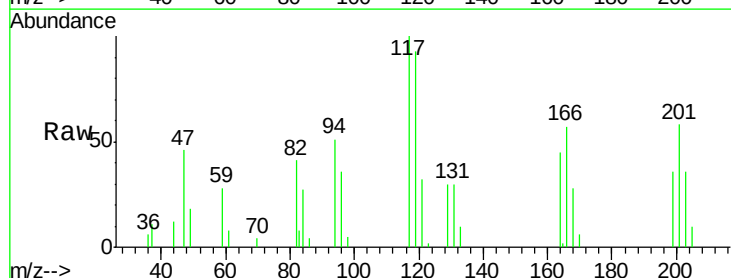
Manual Integrations
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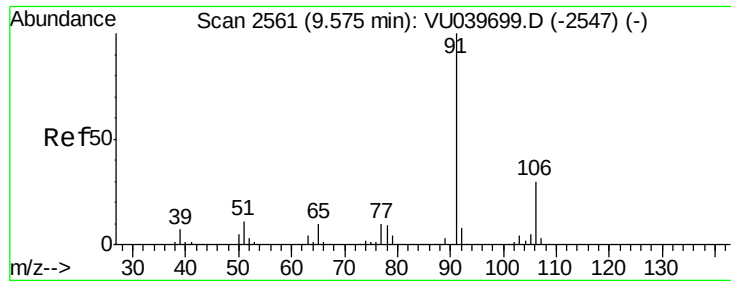
MMDadoda
 8/13/2020 11:35:55 AM



#62
 Hexachloroethane
 Concen: 1.719 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion:117 Resp: 7847
 Ion Ratio Lower Upper
 117 100
 201 59.5 48.1 72.1





#63

Ethyl Benzene

Concen: 1.568 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBSD01

Tot Ion: 91 Resp: 47245

Ion Ratio Lower Upper

91 100

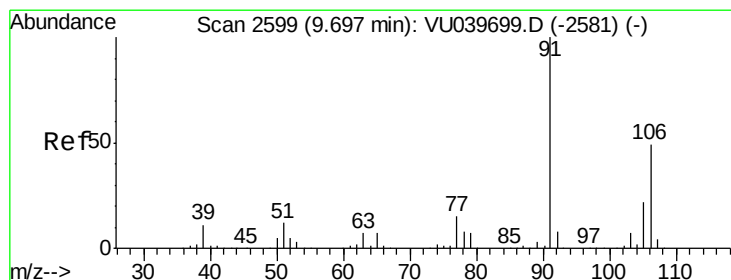
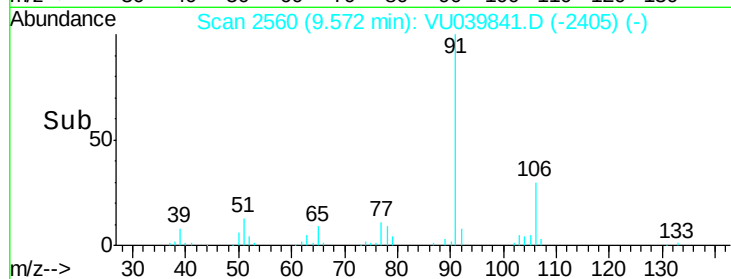
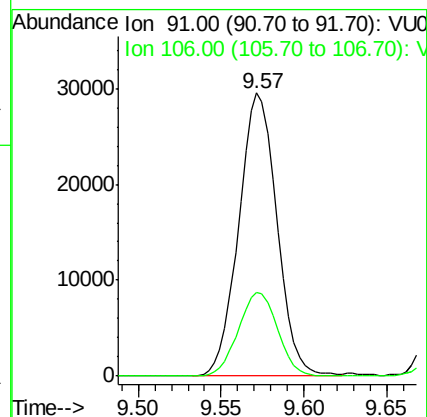
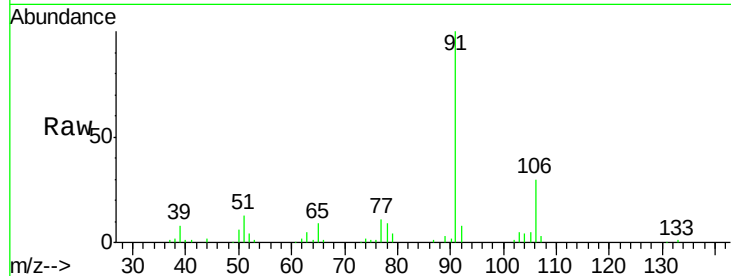
106 29.6 24.2 36.4

Manual Integrations

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8/13/2020 11:35:55 AM



#64

m/p-Xylenes

Concen: 3.115 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. 0.00 min

Lab File: VU039841.D

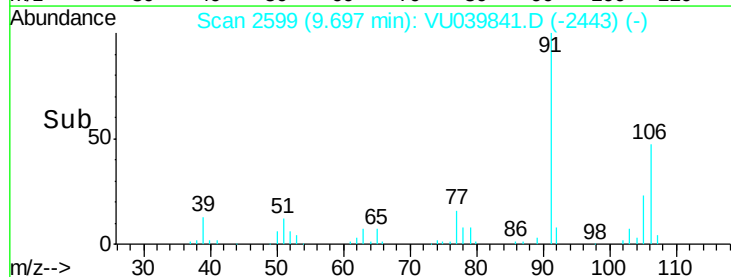
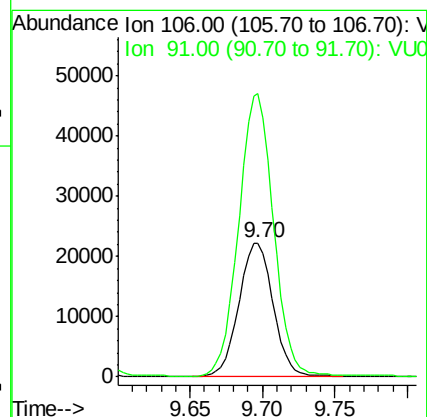
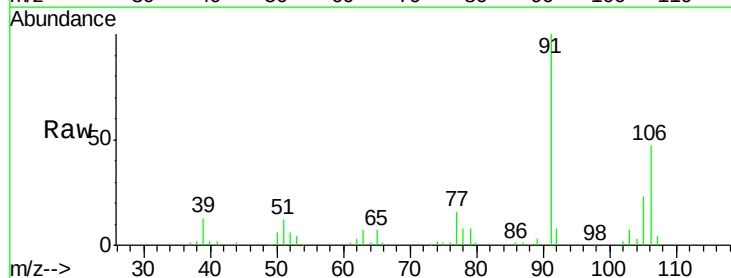
Acq: 12 Aug 2020 13:01

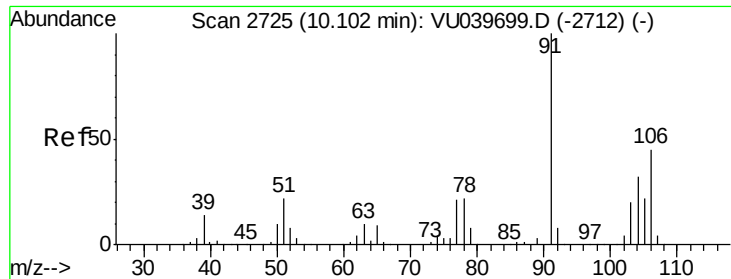
Tgt Ion: 106 Resp: 36674

Ion Ratio Lower Upper

106 100

91 212.7 163.9 245.9





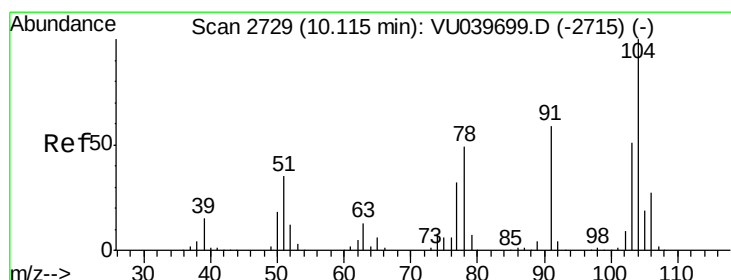
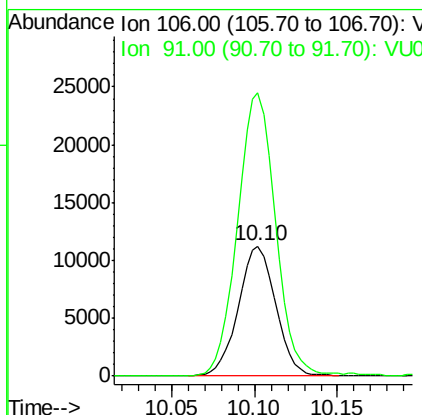
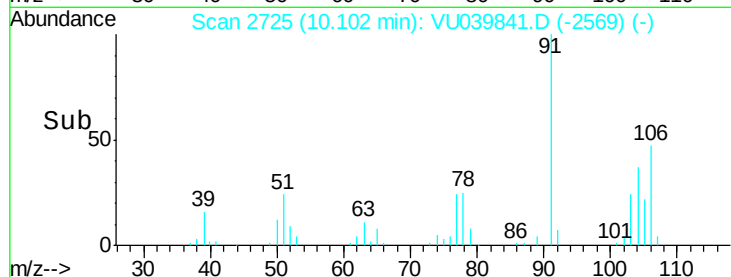
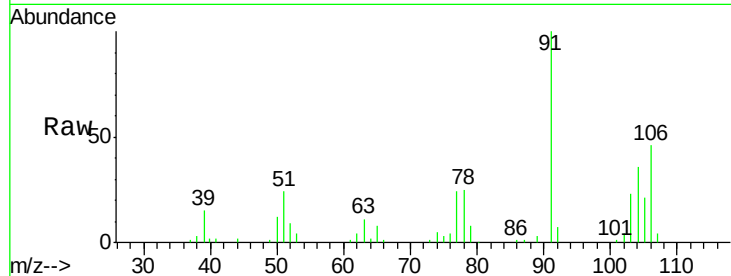
#65
o-Xylene
Concen: 1.577 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion:106 Resp: 17633
Ion Ratio Lower Upper
106 100
91 221.5 110.3 331.0

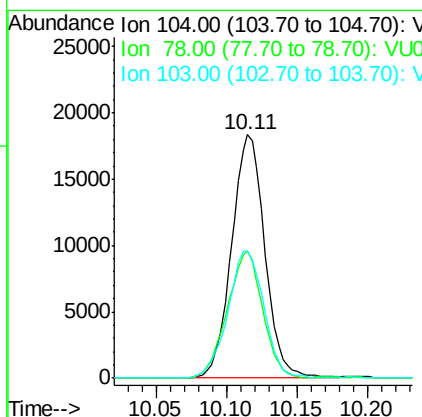
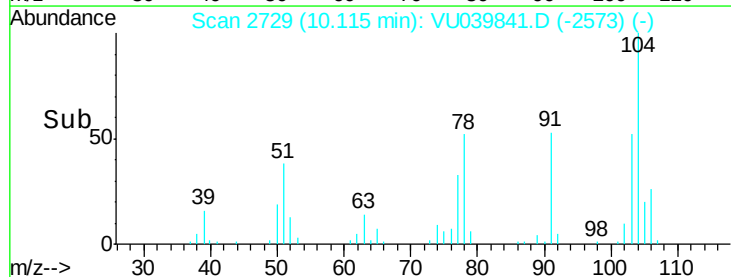
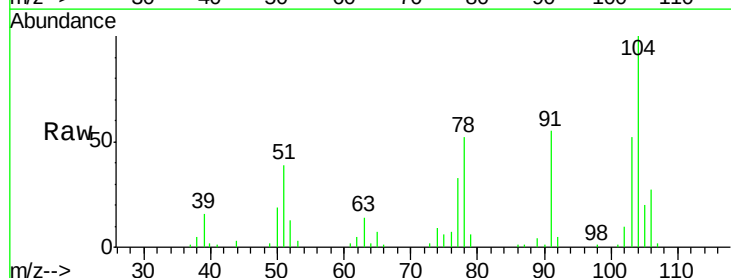
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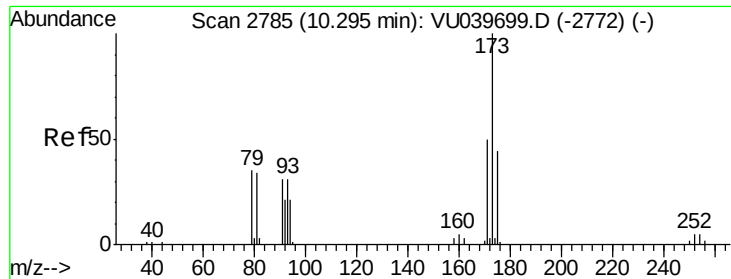
MMDadoda
8/13/2020 11:35:55 AM



#66
Styrene
Concen: 1.585 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion:104 Resp: 30371
Ion Ratio Lower Upper
104 100
78 55.2 42.2 63.4
103 56.3 43.4 65.2





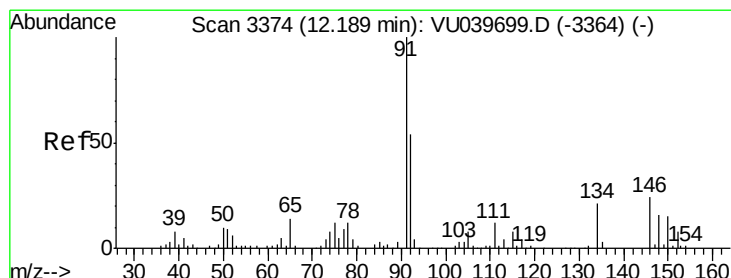
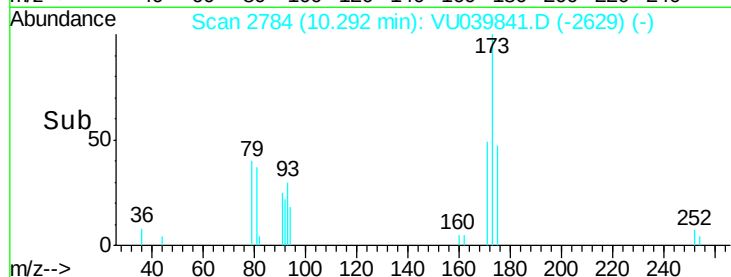
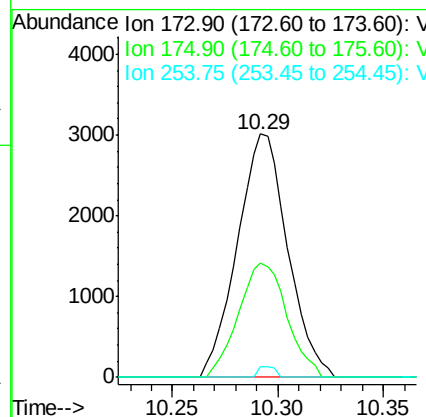
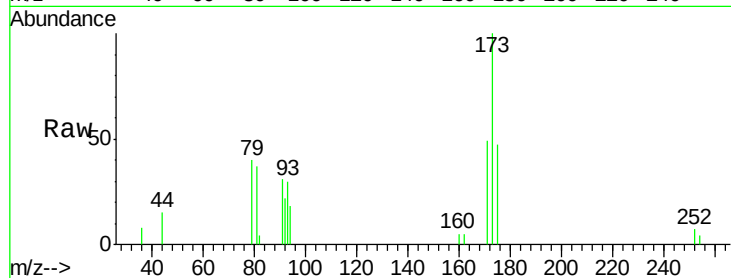
#67
Bromoform
Concen: 1.731 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	44.9	36.7	55.1
254	1.4	3.8	5.8#

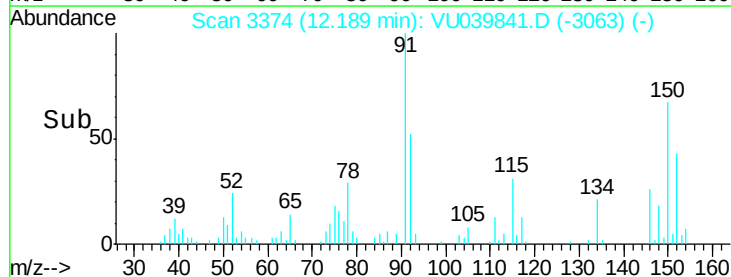
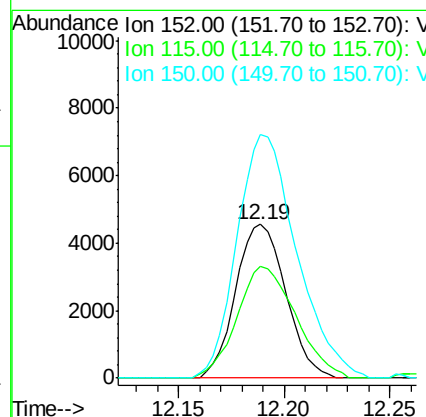
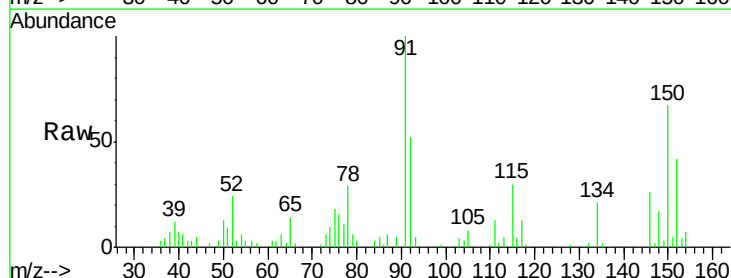
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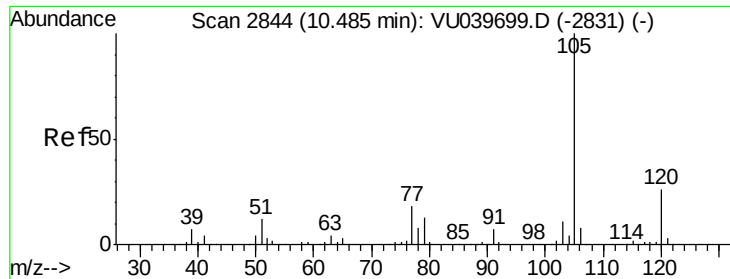
MMDadoda
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#68
1,2-Dichlorobenzene-d4
Concen: 0.901 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	85.0	0.0	302.4
150	188.5	0.0	645.8





#69

Isopropylbenzene

Concen: 1.598 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBSD01

Tot Ion:105 Resp: 47700

Ion Ratio Lower Upper

105 100

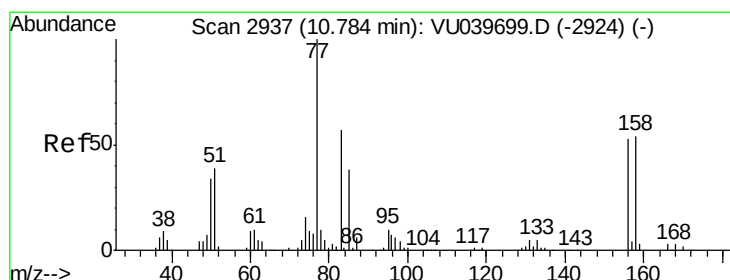
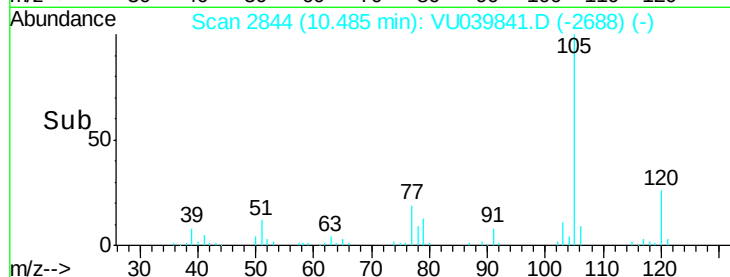
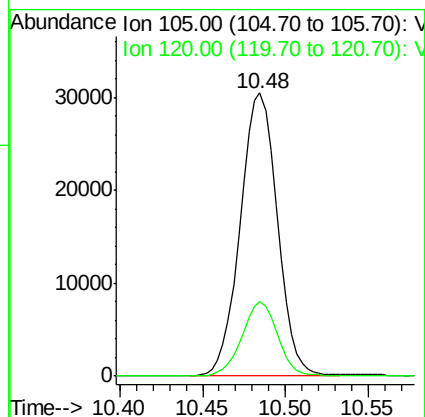
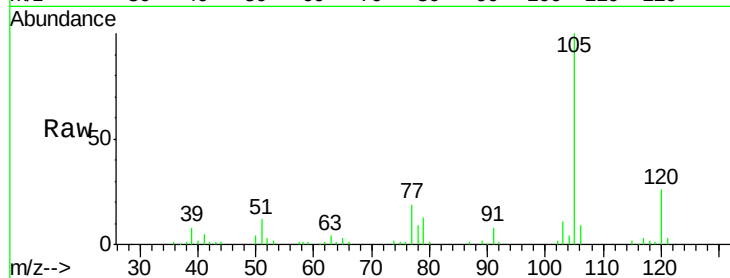
120 25.1 12.8 38.4

Manual Integrations

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MMDadoda

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#70

1,1,2,2-Tetrachloroethane

Concen: 1.676 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

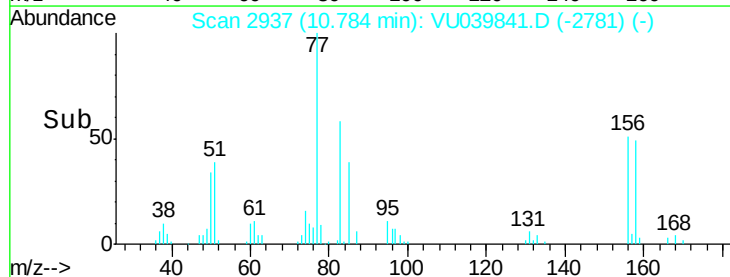
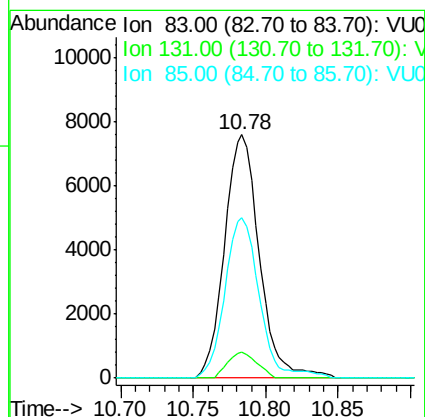
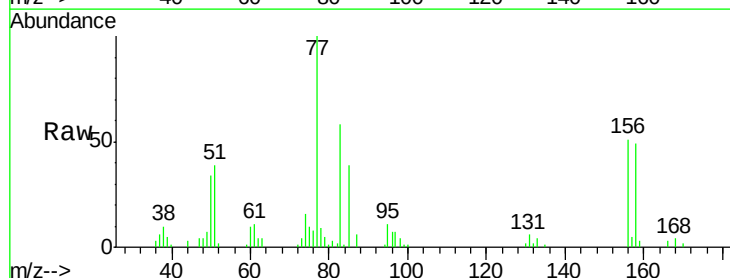
Tgt Ion: 83 Resp: 12701

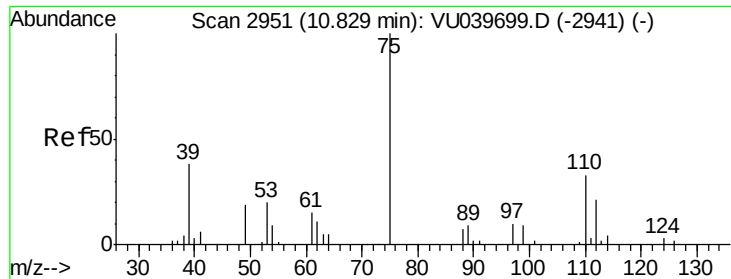
Ion Ratio Lower Upper

83 100

131 9.0 7.0 10.6

85 65.4 50.6 75.8





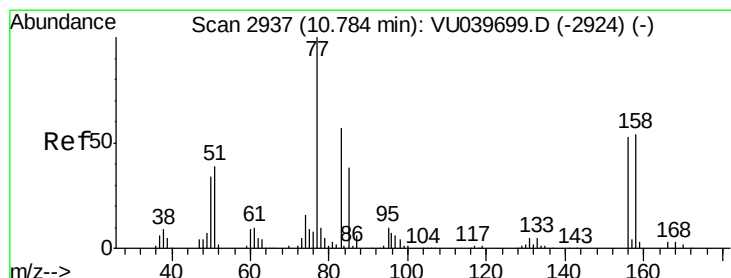
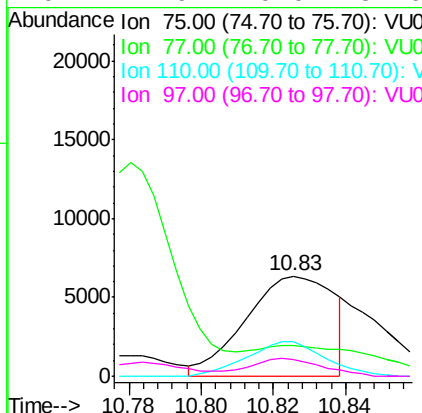
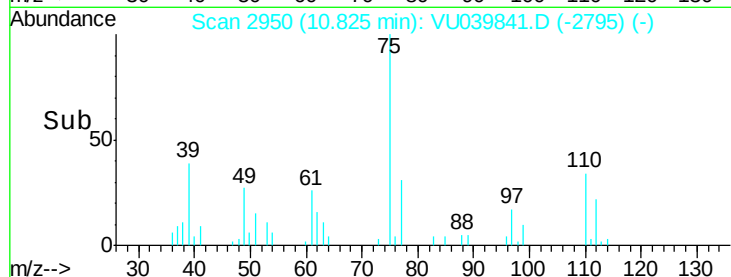
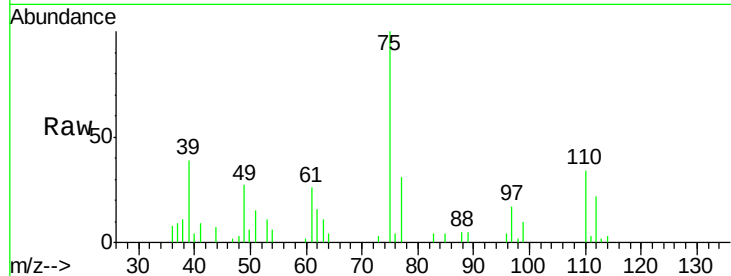
#71
 1,2,3-Trichloropropane
 Concen: 1.885 ug/l m
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
75	100			
77	0.0	0.0	91.0	
110	31.0	0.0	64.2	
97	14.9	0.0	32.6	

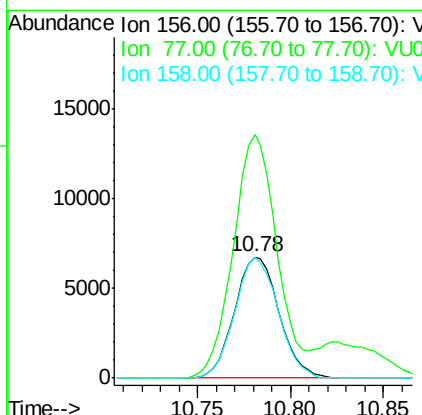
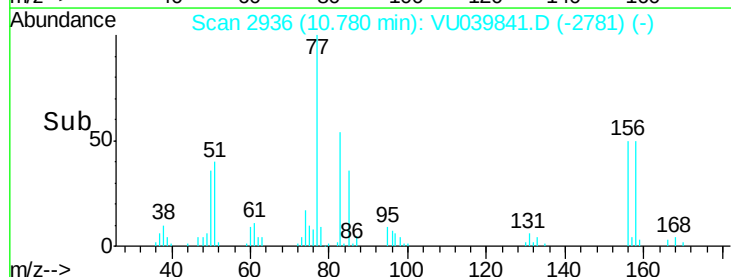
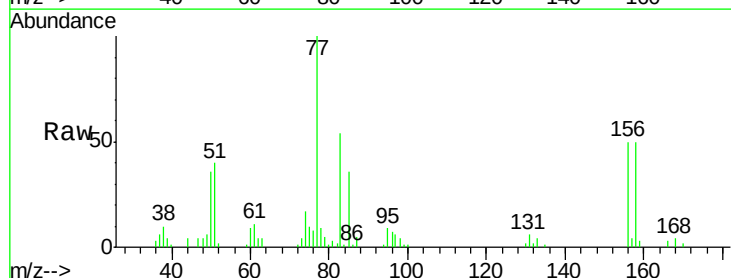
Manual Integrations
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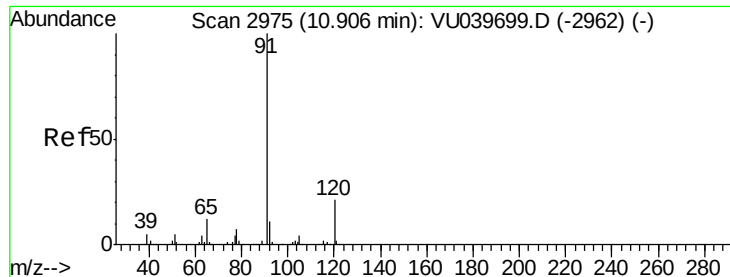
MMDadoda
 8/13/2020 11:35:55 AM



#72
 Bromobenzene
 Concen: 1.654 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ion	Ratio	Lower	Upper
156	100			
77	198.0	0.0	385.2	
158	97.2	0.0	200.8	





#73

n-propylbenzene

Concen: 1.599 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBSD01

Tot Ion:120 Resp: 13420

Ion Ratio Lower Upper

120 100

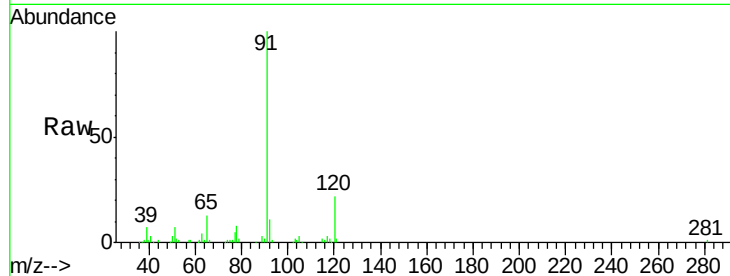
91 466.2 371.7 557.5

Manual Integrations

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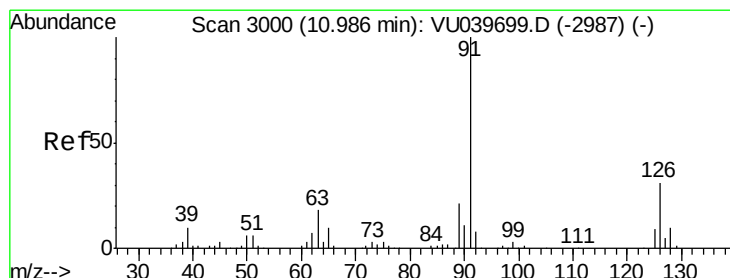
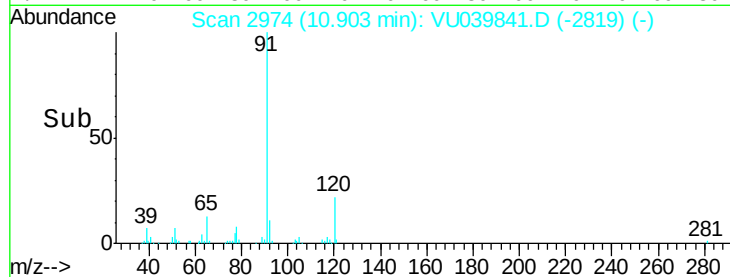
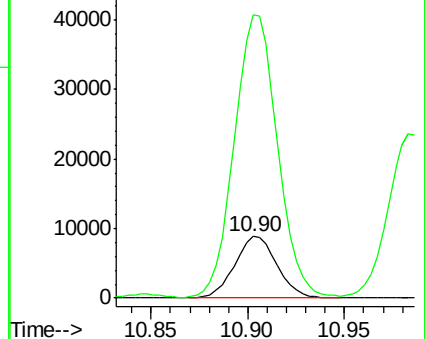
MMDadoda

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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.645 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU039841.D

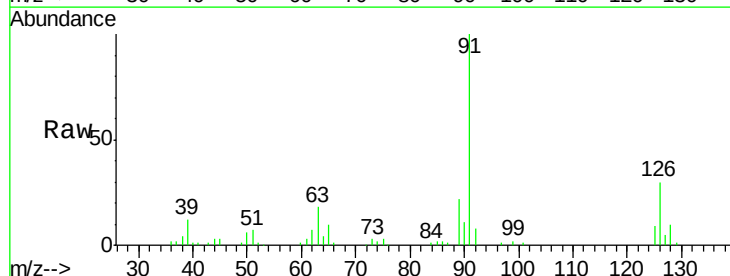
Acq: 12 Aug 2020 13:01

Tgt Ion:126 Resp: 11666

Ion Ratio Lower Upper

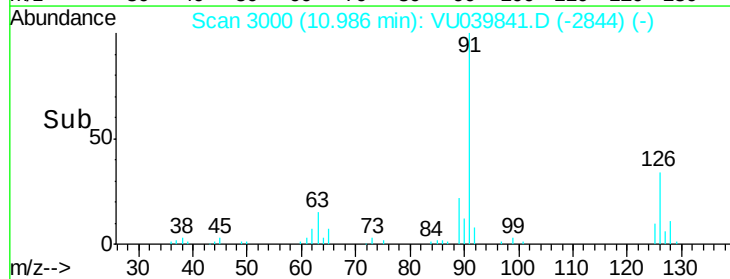
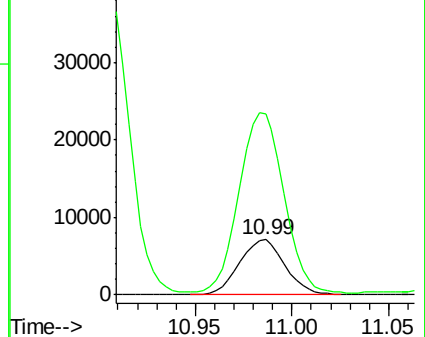
126 100

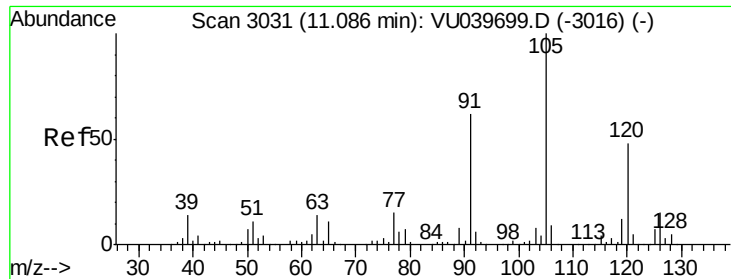
91 320.7 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.590 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBSD01

Tot Ion:105 Resp: 41036

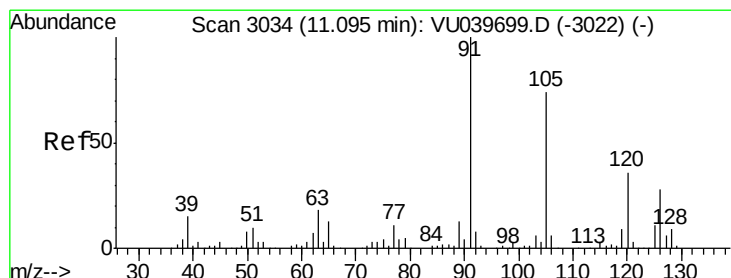
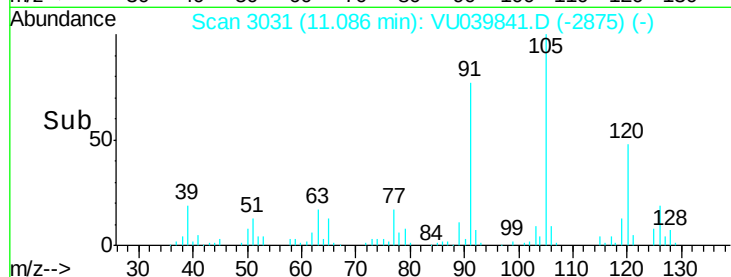
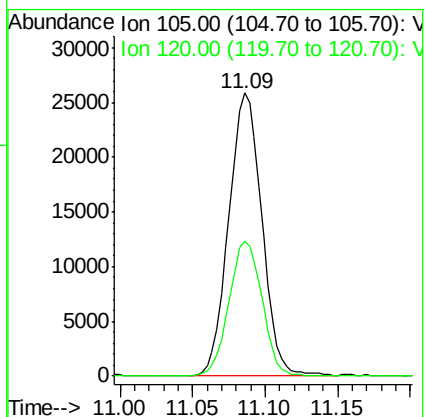
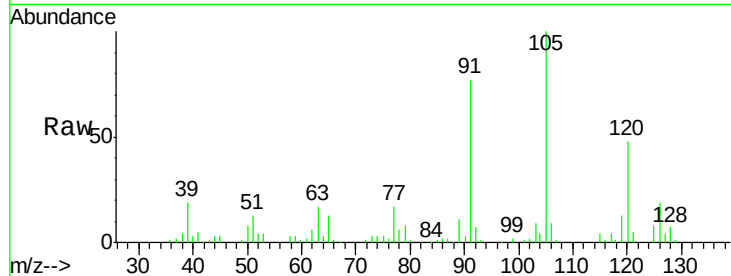
Ion Ratio Lower Upper

105 100

120 47.3 38.0 57.0

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#76

4-Chlorotoluene

Concen: 1.766 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU039841.D

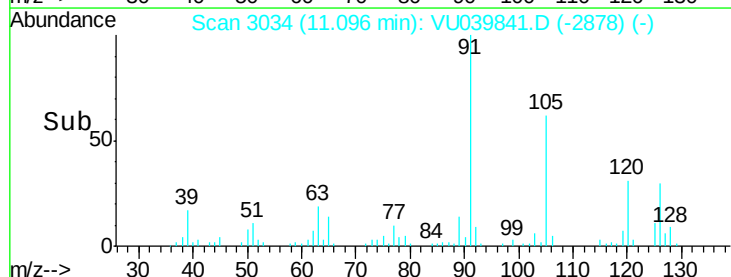
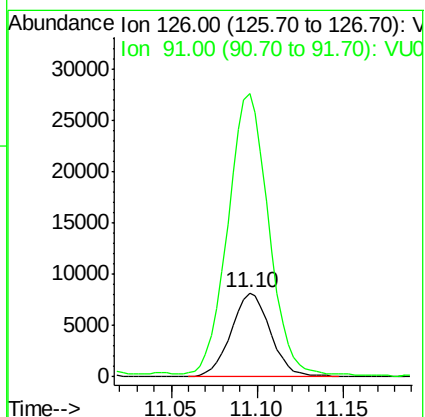
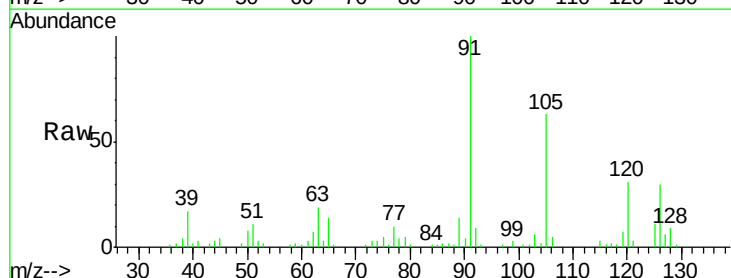
Acq: 12 Aug 2020 13:01

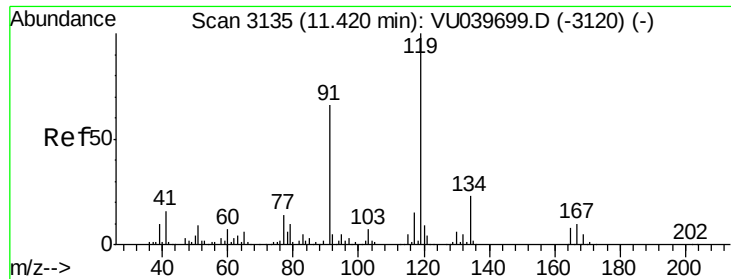
Tgt Ion:126 Resp: 12972

Ion Ratio Lower Upper

126 100

91 352.5 0.0 732.2





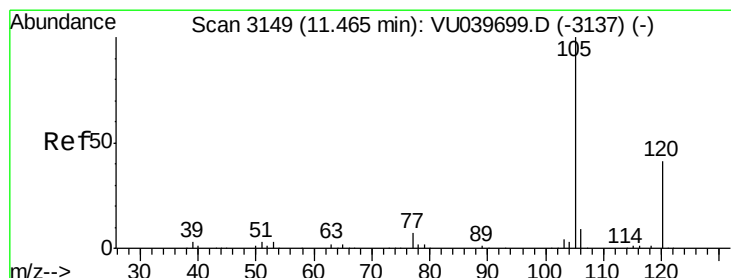
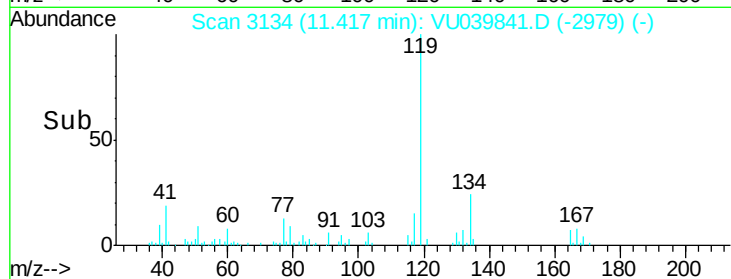
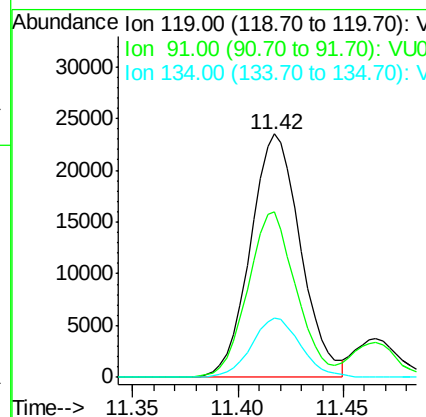
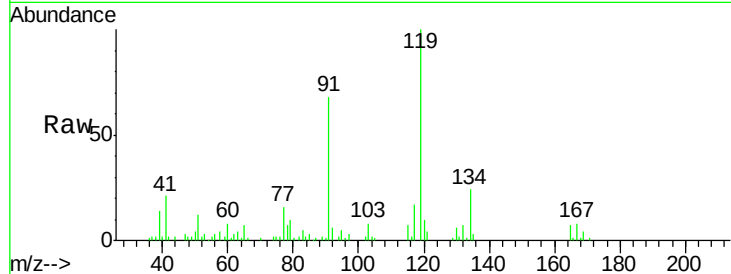
#77
 tert-Butylbenzene
 Concen: 1.570 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.4	31.9	95.5
134	23.9	18.2	27.4

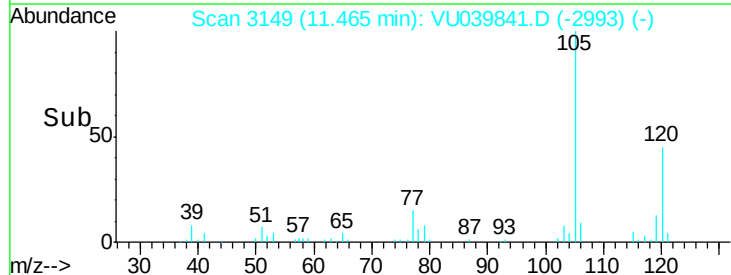
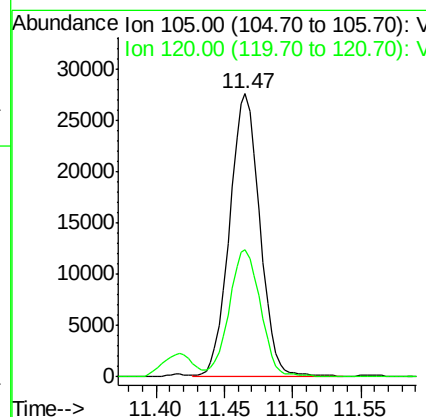
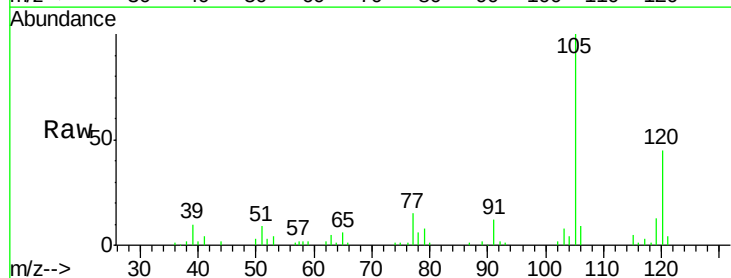
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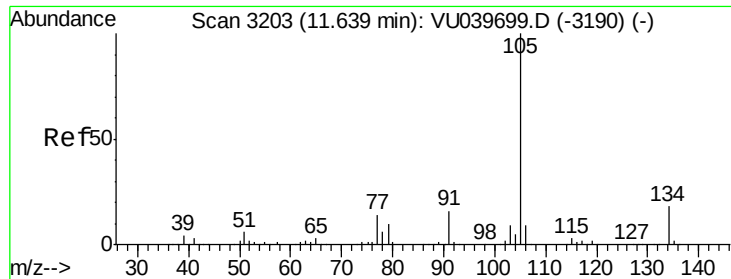
MMDadoda
 8/13/2020 11:35:55 AM



#78
 1,2,4-Trimethylbenzene
 Concen: 1.614 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.7	68.0





#79

sec-Butylbenzene

Concen: 1.612 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBSD01

Tot Ion: 105 Resp: 56810

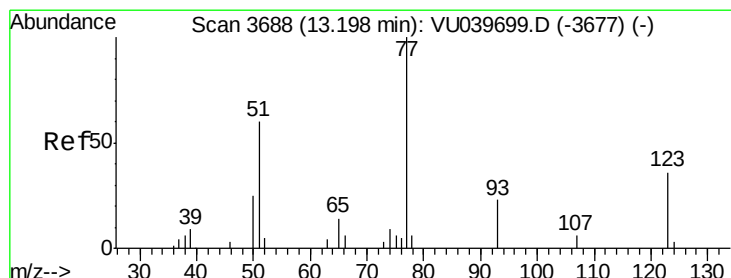
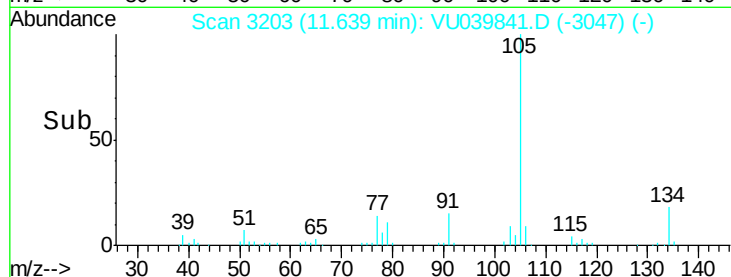
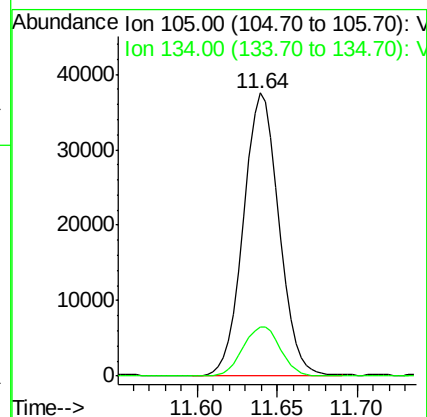
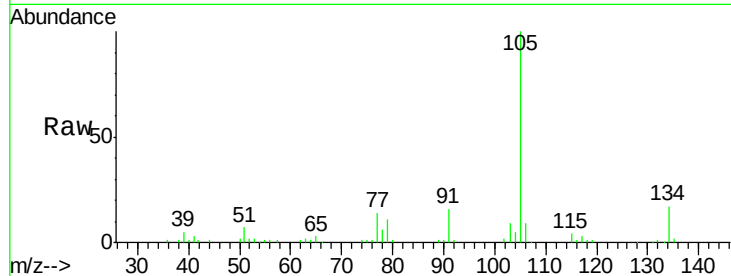
Ion Ratio Lower Upper

105 100

134 18.4 14.8 22.2

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#80

Nitrobenzene

Concen: 11.300 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU039841.D

Acq: 12 Aug 2020 13:01

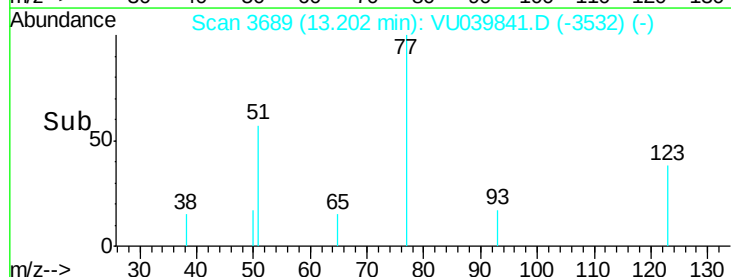
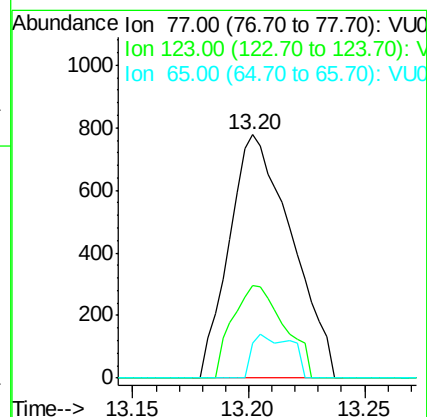
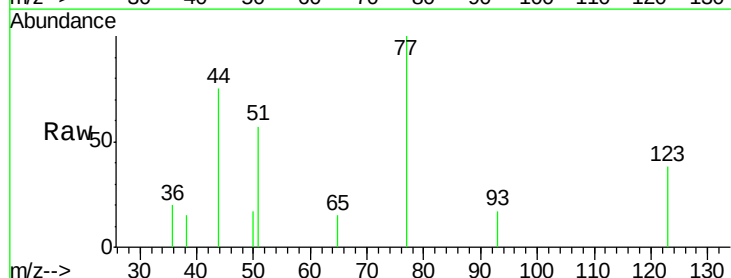
Tgt Ion: 77 Resp: 1449

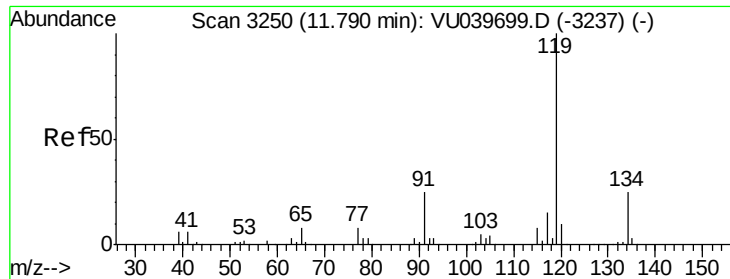
Ion Ratio Lower Upper

77 100

123 31.9 16.9 59.9

65 11.2 14.4 18.4#





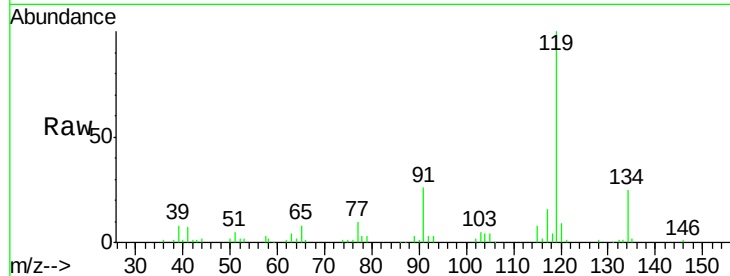
#81
 p-Isopropyltoluene
 Concen: 1.604 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	20.2	30.4
91	26.9	20.7	31.1

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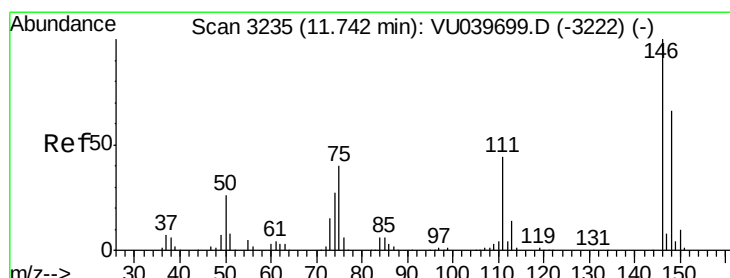
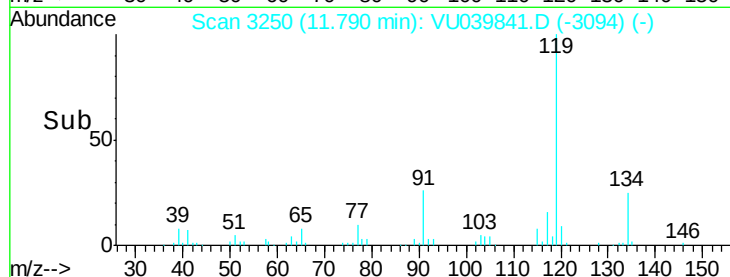
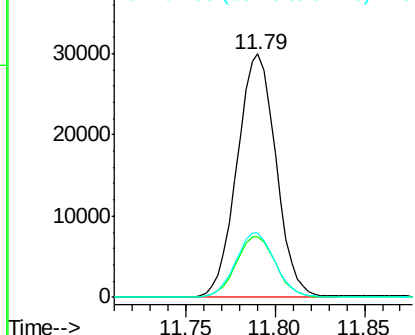


Abundance

Ion 119.00 (118.70 to 119.70): V

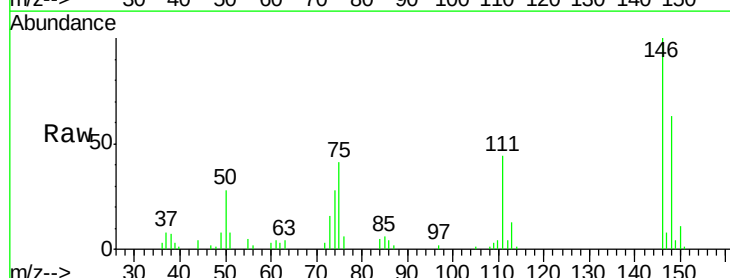
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 1.687 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.4	34.5	51.7
148	64.2	51.4	77.0

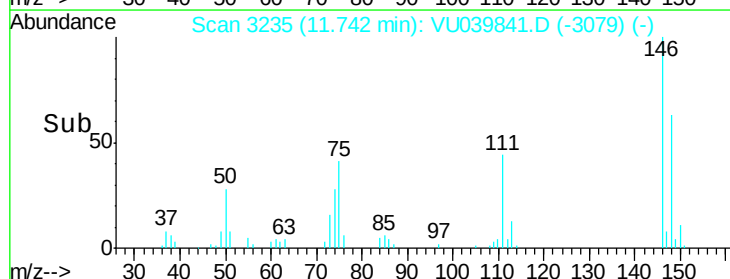
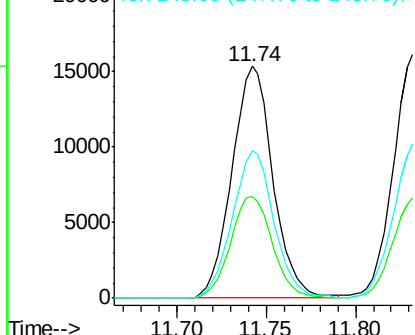


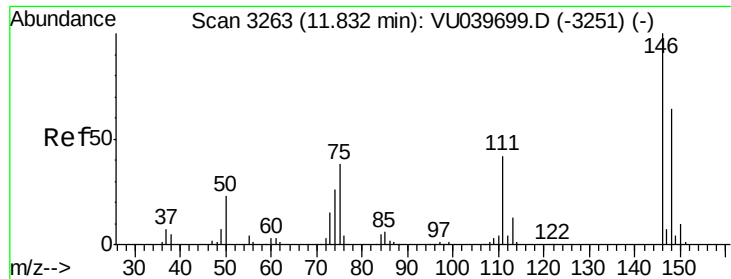
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





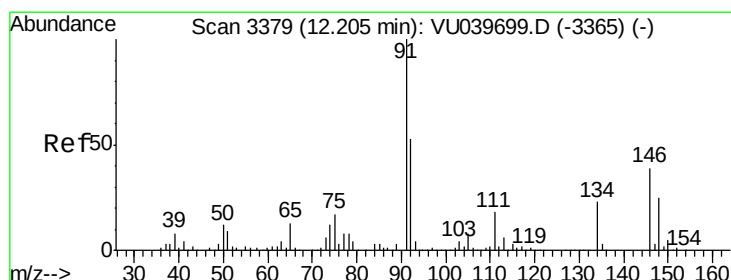
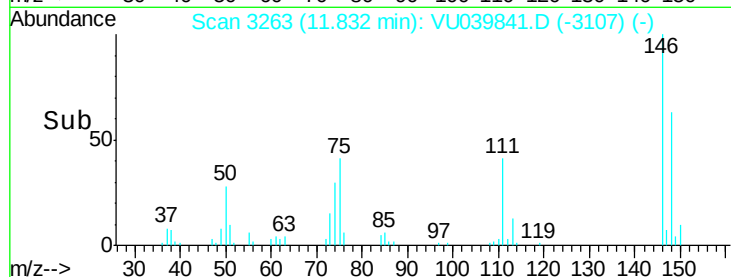
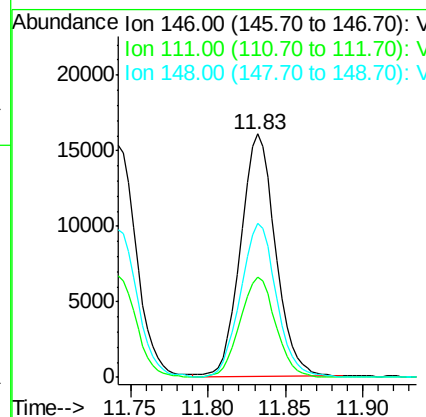
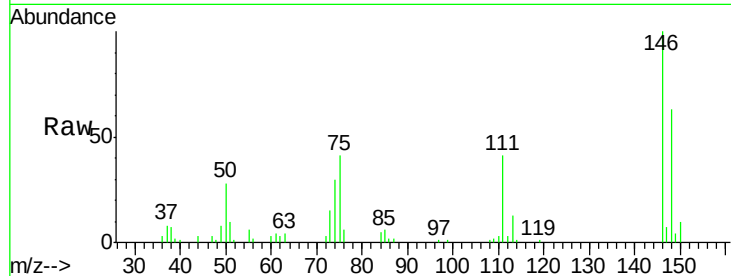
#83
 1,4-Dichlorobenzene
 Concen: 1.707 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	33.8	50.6
148	65.7	51.1	76.7

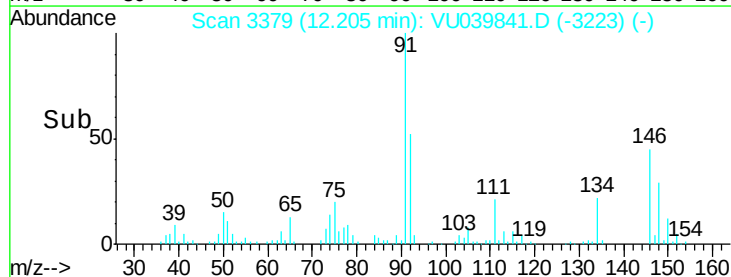
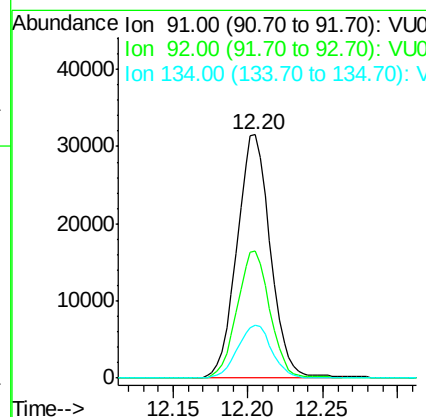
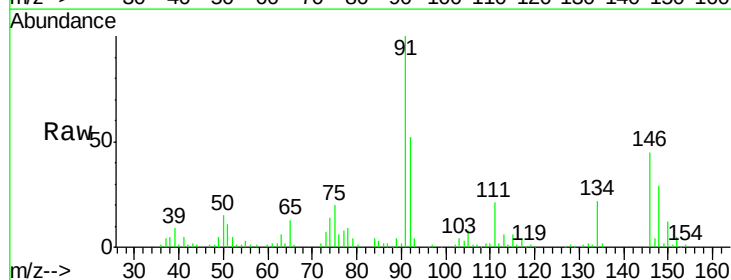
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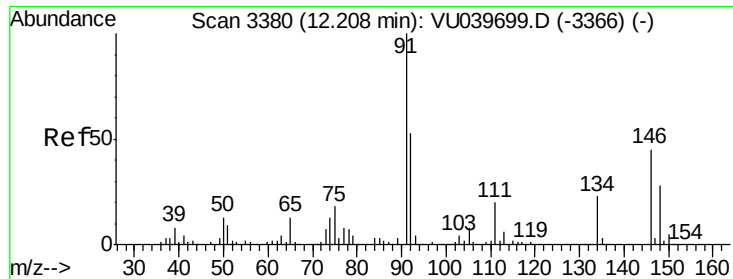
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#84
 n-Butylbenzene
 Concen: 1.632 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.1	42.6	64.0
134	22.0	18.2	27.4





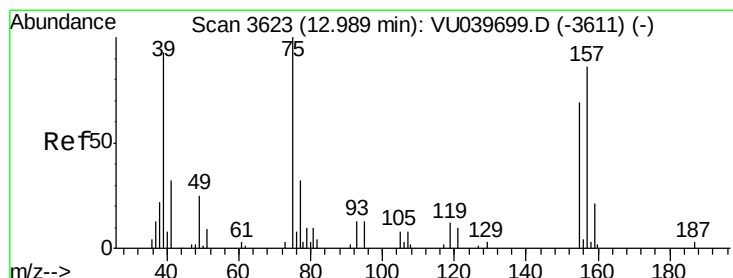
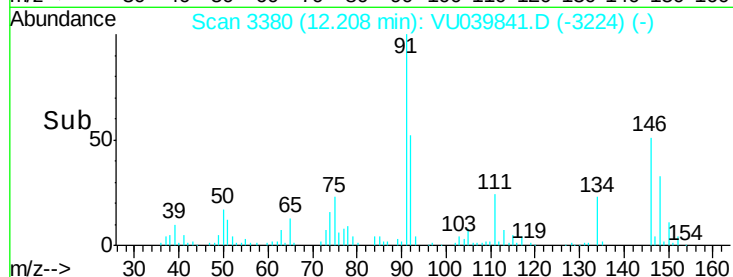
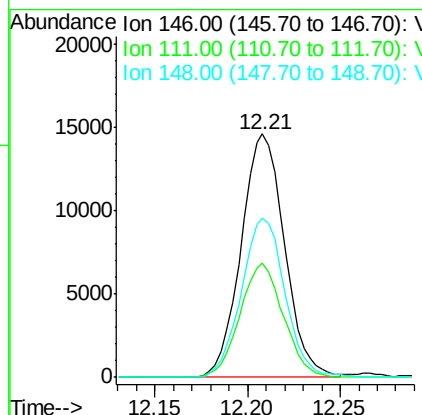
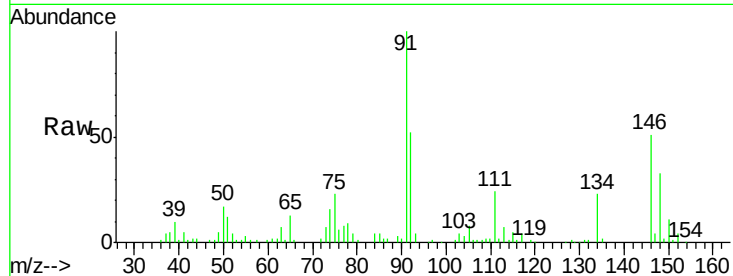
#85
 1,2-Dichlorobenzene
 Concen: 1.688 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.8	22.8	68.3
148	65.8	31.7	95.1

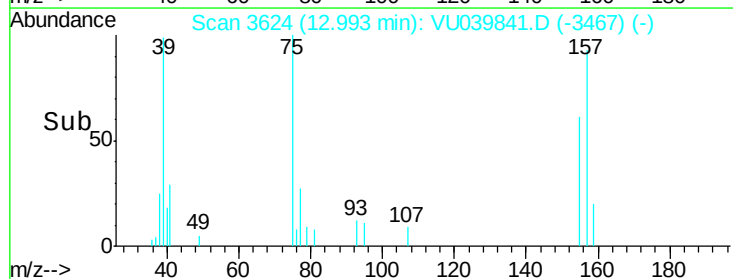
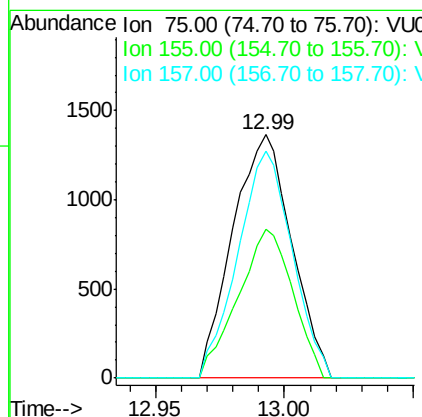
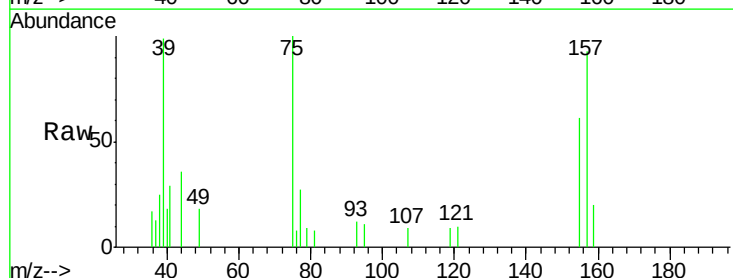
Manual Integrations
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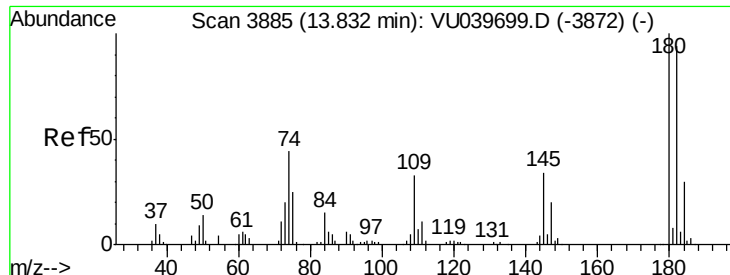
MMDadoda
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.702 ug/l
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	56.7	52.9	79.3
157	86.3	67.8	101.6





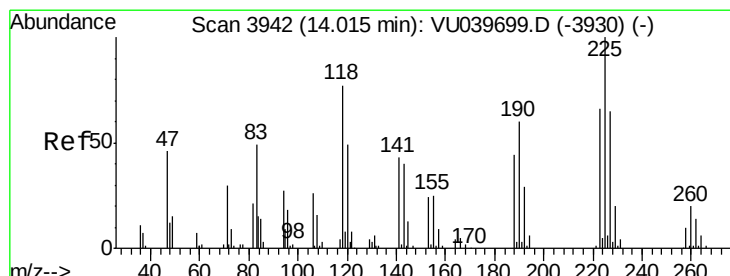
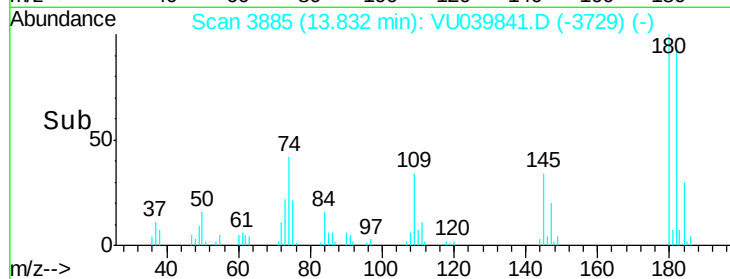
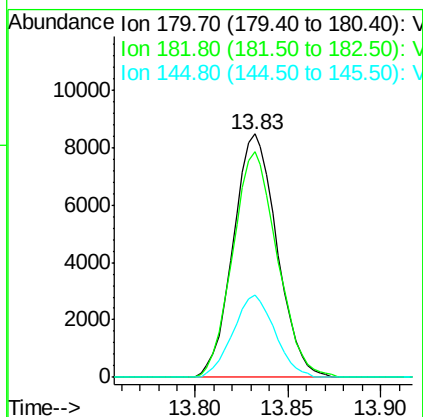
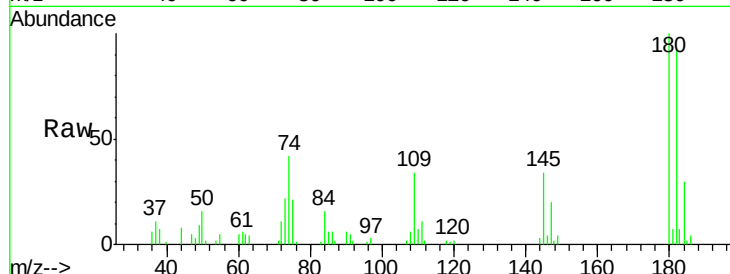
#87
 1,2,4-Trichlorobenzene
 Concen: 1.575 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.2	114.4
145	32.5	26.8	40.2

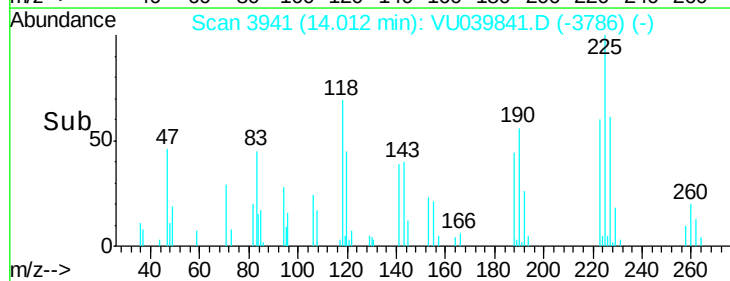
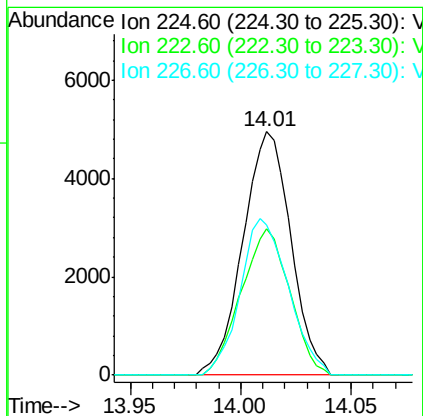
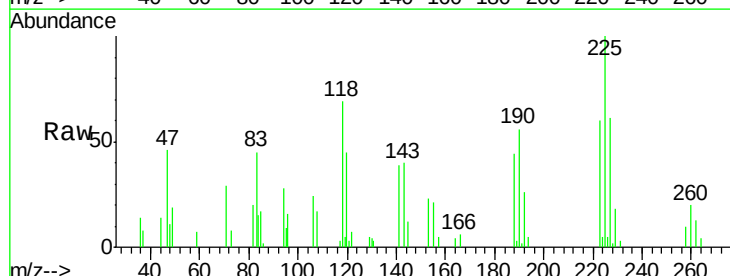
Manual Integrations
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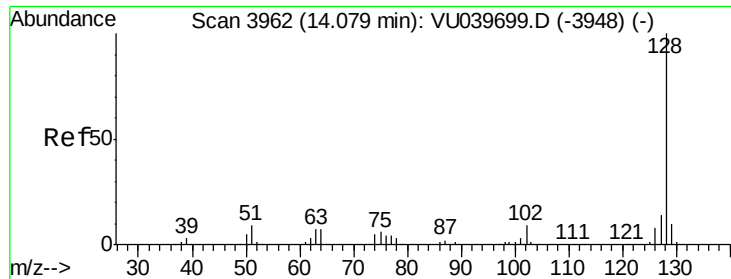
MMDadoda
 8/13/2020 11:35:55 AM



#88
 Hexachlorobutadiene
 Concen: 1.874 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU039841.D
 Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.8	52.4	78.6
227	64.5	50.7	76.1





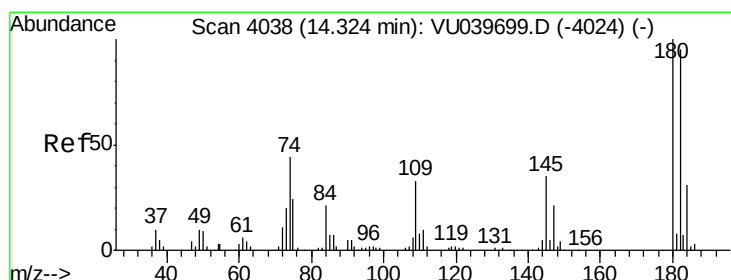
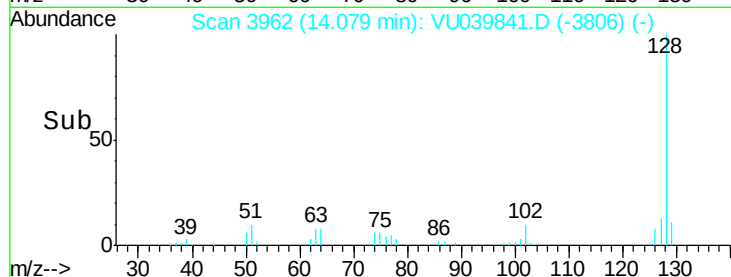
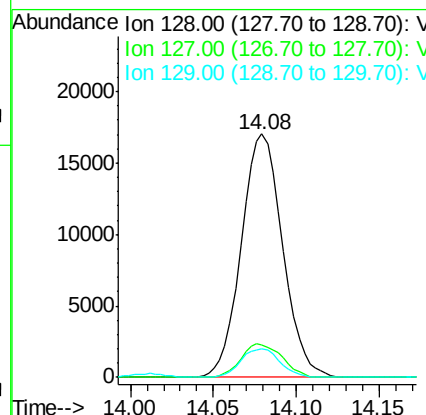
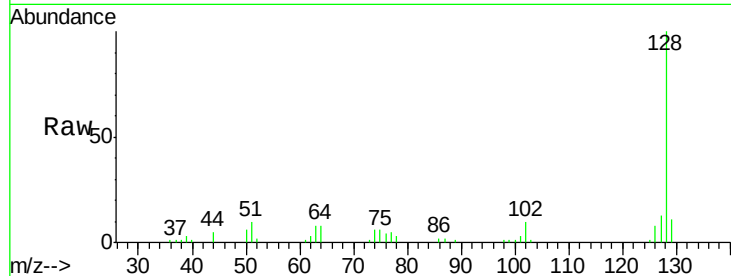
#89
Naphthalene
Concen: 1.567 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	11.1	8.4	12.6

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 1.775 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU039841.D
Acq: 12 Aug 2020 13:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.0	114.0
145	33.0	27.8	41.6

