

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U081220\
 Data File : VU039840.D
 Acq On : 12 Aug 2020 12:29
 Operator : SY/MD
 Sample : VU0812WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

Manual Integrations
 APPROVED

MMDadoda

Quant Time: Aug 13 03:06:02 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)	8/13/2020 11:35:51 AM
1) Fluorobenzene	6.12	96	23214	1.00	ug/l	0.00	

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.63	95	7200	0.79	ug/l	0.00
Spiked Amount	1.000		Recovery	=	79.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	6705	0.76	ug/l	0.00
Spiked Amount	1.000		Recovery	=	76.00%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	13206	1.637	ug/l	95
3) Chloromethane	1.53	50	14998	1.497	ug/l	99
4) Vinyl Chloride	1.61	62	15396	1.667	ug/l	99
5) Bromomethane	1.86	94	8033	1.272	ug/l	92
6) Chloroethane	1.94	64	11613	1.812	ug/l	96
7) Trichlorofluoromethane	2.15	101	20780	1.701	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12455	1.777	ug/l	96
9) 1,1-Dichloroethene	2.59	96	9984	1.548	ug/l	98
10) Iodomethane	2.73	142	4350	0.669	ug/l	99
11) Allyl Chloride	2.94	41	24063	1.729	ug/l	98
12) Acrylonitrile	3.33	53	7500	3.313	ug/l #	93
13) Acetone	2.64	43	17815	8.363	ug/l	91
14) Carbon Disulfide	2.80	76	30077	1.272	ug/l	99
15) Methylene Chloride	3.06	84	14076	1.566	ug/l	93
16) trans-1,2-Dichloroethene	3.37	96	11789	1.608	ug/l	98
17) 1,1-Dichloroethane	3.89	63	28170	1.749	ug/l	99
18) 2-Butanone	4.75	43	28682	8.007	ug/l	99
19) Cyclohexane	5.39	56	23480m	1.507	ug/l	
20) Methylcyclohexane	6.77	83	16876	1.461	ug/l	96
21) 2,2-Dichloropropane	4.68	77	22493	1.712	ug/l	98
22) cis-1,2-Dichloroethene	4.69	96	13998	1.771	ug/l	98
23) Diethyl Ether	2.39	59	10746	1.630	ug/l	94
24) tert-Butyl Alcohol	3.22	59	14621	11.223	ug/l	97
25) Methyl tert-Butyl Ether	3.38	73	34510	1.640	ug/l	94
26) Bromochloromethane	4.99	128	5211	1.611	ug/l	94
27) Chloroform	5.11	83	26619	1.766	ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	20384	1.672	ug/l	99
29) 1,1-Dichloropropene	5.54	75	19640	1.673	ug/l	98
30) Carbon Tetrachloride	5.53	117	16577	1.663	ug/l	98
31) Isopropyl Ether	4.02	45	51509	1.754	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	41475	1.659	ug/l	98
33) Tert-Amyl methyl ether	5.97	73	34477	1.913	ug/l	97
34) Propionitrile	4.81	54	7873	8.909	ug/l #	90
35) Benzene	5.79	78	53374	1.838	ug/l	99
36) 1,2-Dichloroethane	5.81	62	20366	1.870	ug/l	99
37) Trichloroethene	6.55	130	11466	1.725	ug/l	98
38) 1,2-Dichloropropane	6.81	63	14241	1.779	ug/l	99
39) Methacrylonitrile	5.00	41	7231	1.553	ug/l	96
40) Methyl acrylate	4.87	55	9743	1.622	ug/l #	96
41) Tetrahydrofuran	5.09	42	7667	3.272	ug/l	93
42) 1-Chlorobutane	5.47	56	31115	1.688	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081220\
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

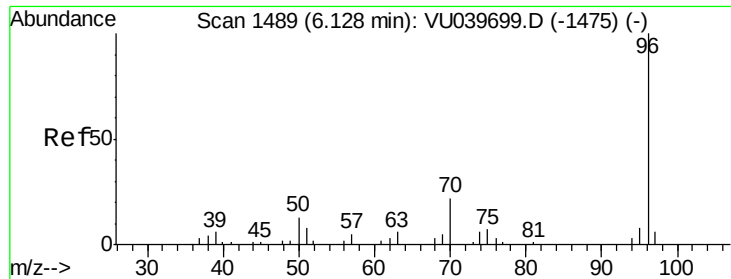
Manual Integrations
 APPROVED

MMDadoda

Quant Time: Aug 13 03:06:02 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)	8/13/2020 11:35:51 AM
43) Dibromomethane	6.93	93	7019	1.629	ug/l	96	
44) Bromodichloromethane	7.12	83	17418	1.763	ug/l	99	
45) 4-Methyl-2-Pentanone	7.81	43	49843	7.638	ug/l	96	
46) t-1,4-Dichloro-2-butene	10.83	75	6257m	3.224	ug/l		
47) Methyl methacrylate	6.98	69	12230	3.044	ug/l	96	
48) Ethyl methacrylate	8.35	69	10789	1.459	ug/l	99	
49) Toluene	7.98	92	25712	1.487	ug/l	100	
50) t-1,3-Dichloropropene	8.22	75	14395	1.618	ug/l	99	
51) cis-1,3-Dichloropropene	7.62	75	16376	1.566	ug/l	94	
52) 1,1,2-Trichloroethane	8.41	97	9084	1.623	ug/l	97	
53) 1,3-Dichloropropane	8.58	76	17208	1.601	ug/l	98	
54) 2-Hexanone	8.70	43	35226	7.539	ug/l	95	
55) Dibromochloromethane	8.82	129	9736	1.620	ug/l	99	
56) 1,2-Dibromoethane	8.93	107	8312	1.541	ug/l	98	
58) Tetrachloroethene	8.56	164	10382	1.785	ug/l	91	
59) Chlorobenzene	9.45	112	27725	1.551	ug/l	99	
60) 1,1,1,2-Tetrachloroethane	9.54	131	10109	1.677	ug/l	98	
61) Pentachloroethane	11.42	117	8175	1.544	ug/l	91	
62) Hexachloroethane	12.47	117	7755	1.598	ug/l	100	
63) Ethyl Benzene	9.57	91	46339	1.446	ug/l	100	
64) m/p-Xylenes	9.70	106	37004	2.956	ug/l	100	
65) o-Xylene	10.10	106	17585	1.480	ug/l	100	
66) Styrene	10.11	104	29622	1.454	ug/l	97	
67) Bromoform	10.29	173	4806	1.568	ug/l	97	
69) Isopropylbenzene	10.48	105	46455	1.463	ug/l	100	
70) 1,1,2,2-Tetrachloroethane	10.78	83	13511	1.677	ug/l	98	
71) 1,2,3-Trichloropropane	10.83	75	10963m	1.806	ug/l		
72) Bromobenzene	10.78	156	10716	1.486	ug/l	90	
73) n-propylbenzene	10.90	120	13054	1.463	ug/l	96	
74) 2-Chlorotoluene	10.98	126	11415	1.514	ug/l	96	
75) 1,3,5-Trimethylbenzene	11.09	105	41010	1.494	ug/l	97	
76) 4-Chlorotoluene	11.10	126	12755	1.633	ug/l	91	
77) tert-Butylbenzene	11.42	119	38571	1.465	ug/l	98	
78) 1,2,4-Trimethylbenzene	11.47	105	43315	1.539	ug/l	99	
79) sec-Butylbenzene	11.64	105	57077	1.523	ug/l	98	
80) Nitrobenzene	13.20	77	1517	11.126	ug/l #	87	
81) p-Isopropyltoluene	11.79	119	47736	1.581	ug/l	99	
82) 1,3-Dichlorobenzene	11.74	146	25521	1.645	ug/l	99	
83) 1,4-Dichlorobenzene	11.83	146	25079	1.607	ug/l	99	
84) n-Butylbenzene	12.20	91	47324	1.475	ug/l	98	
85) 1,2-Dichlorobenzene	12.21	146	23300	1.558	ug/l	98	
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2048	1.509	ug/l	94	
87) 1,2,4-Trichlorobenzene	13.83	180	13800	1.475	ug/l	99	
88) Hexachlorobutadiene	14.01	225	7657	1.803	ug/l	98	
89) Naphthalene	14.08	128	43000	2.148	ug/l	100	
90) 1,2,3-Trichlorobenzene	14.32	180	18482	2.093	ug/l	96	

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

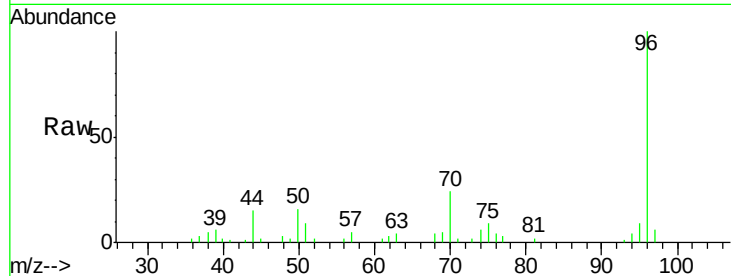
VU0812WBS01

Tot Ion: 96 Resp: 23214

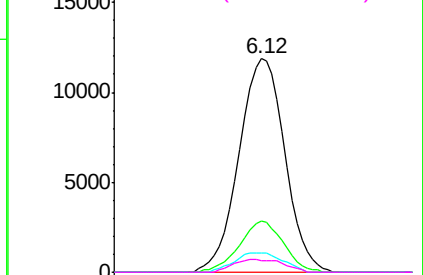
Ion	Ratio	Lower	Upper
96	100		
70	23.1	16.3	24.5
95	9.5	6.8	10.2
97	6.5	0.0	0.0

Manual Integrations
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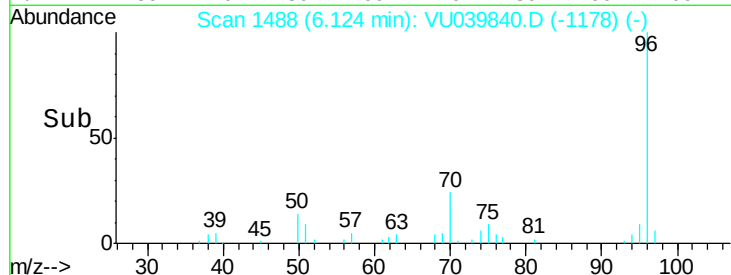
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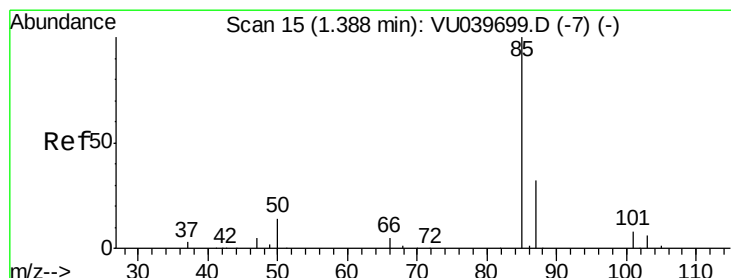
Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-1475) (-)



8/13/2020 11:35:51 AM



Time-->



#2

Dichlorodifluoromethane

Concen: 1.637 ug/l

RT: 1.39 min Scan# 15

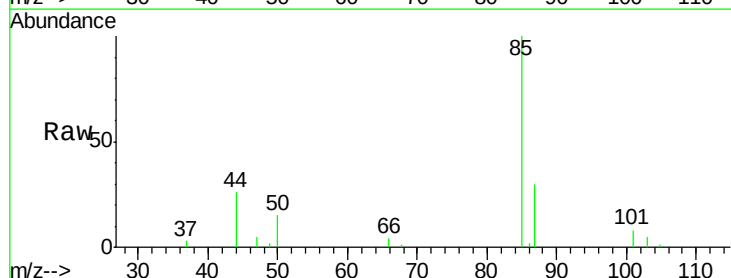
Delta R.T. -0.00 min

Lab File: VU039840.D

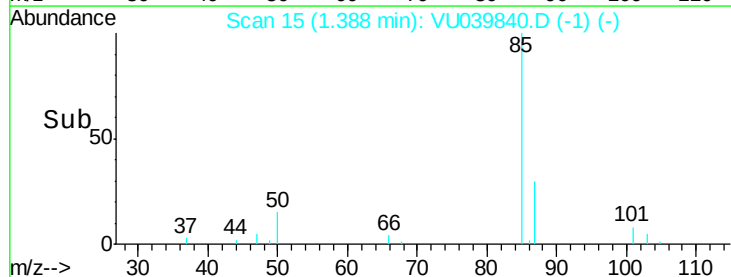
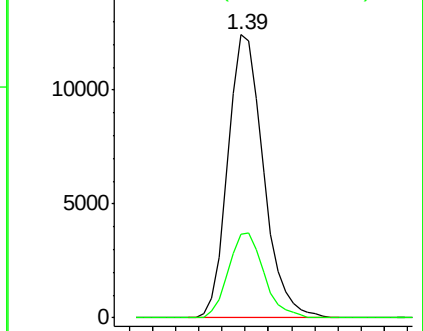
Acq: 12 Aug 2020 12:29

Tgt Ion: 85 Resp: 13206

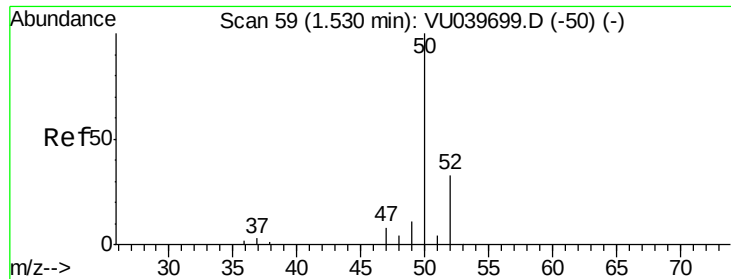
Ion	Ratio	Lower	Upper
85	100		
87	29.6	16.2	48.6



Abundance Ion 85.00 (84.70 to 85.70): VU039699.D (-7) (-)



Time-->



#3

Chloromethane

Concen: 1.497 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampled :

VU0812WBS01

Tot Ion: 50 Resp: 14998

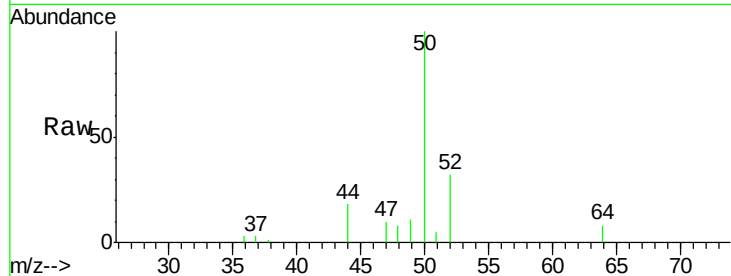
Ion Ratio Lower Upper

50 100

52 31.7 26.0 39.0

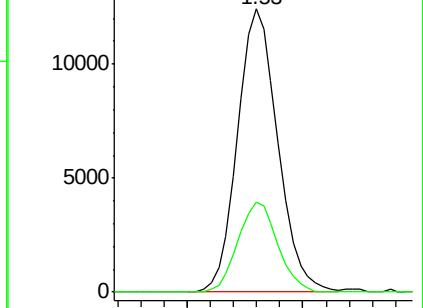
Manual Integrations
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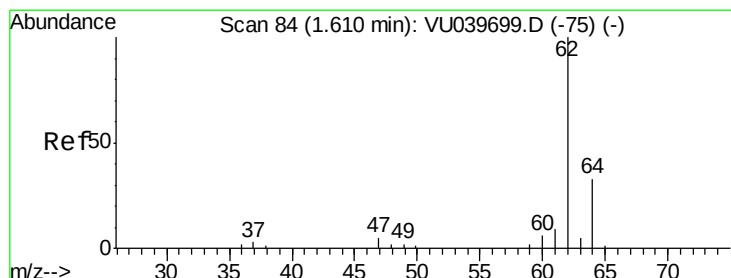
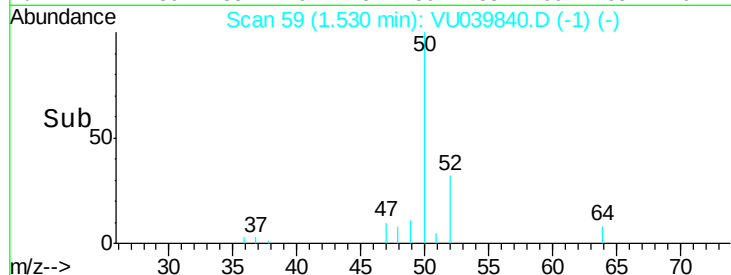


Abundance Ion 50.00 (49.70 to 50.70): VU039699.D (-50) (-)

Ion 52.00 (51.70 to 52.70): VU039699.D (-50) (-)



8/13/2020 11:35:51 AM



#4

Vinyl Chloride

Concen: 1.667 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039840.D

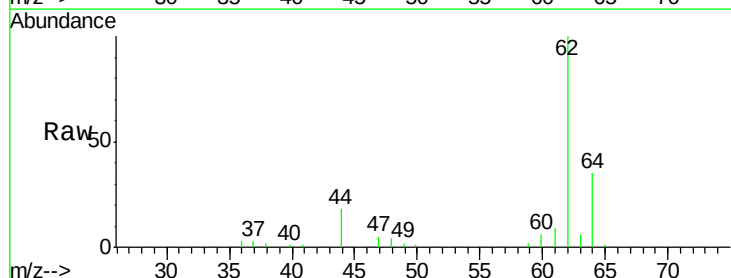
Acq: 12 Aug 2020 12:29

Tgt Ion: 62 Resp: 15396

Ion Ratio Lower Upper

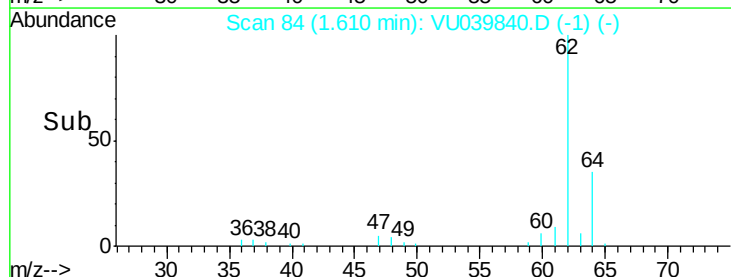
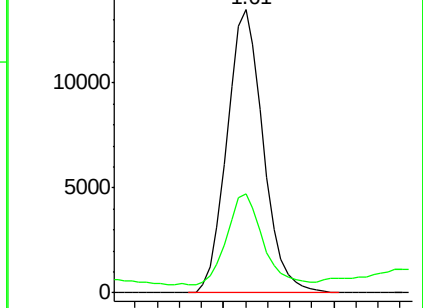
62 100

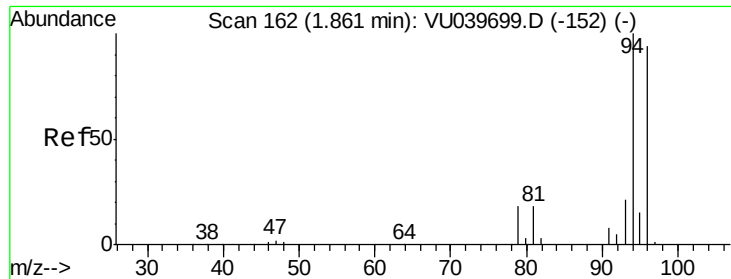
64 32.1 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-75) (-)

Ion 64.00 (63.70 to 64.70): VU039699.D (-75) (-)





#5

Bromomethane

Concen: 1.272 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBS01

Tot Ion: 94 Resp: 8033

Ion Ratio Lower Upper

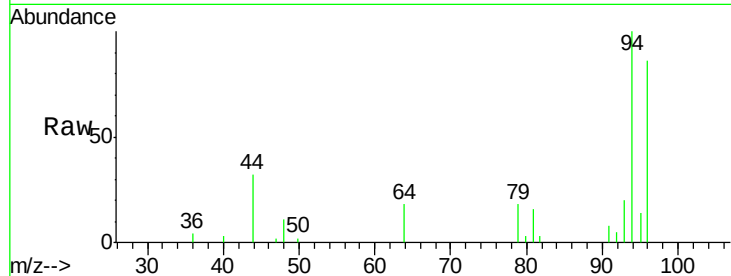
94 100

96 85.7 75.0 112.6

Manual Integrations

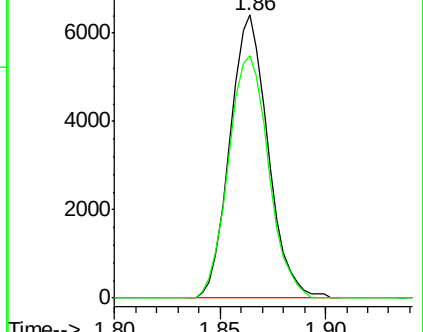
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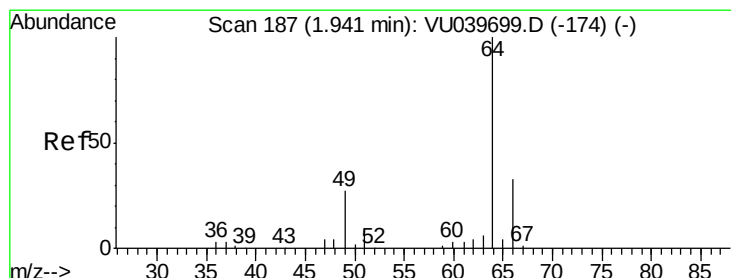
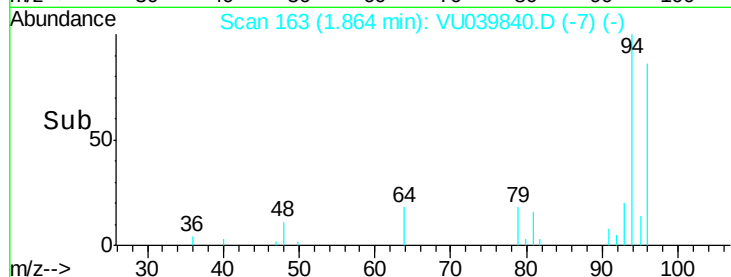


Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

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



8/13/2020 11:35:51 AM



#6

Chloroethane

Concen: 1.812 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039840.D

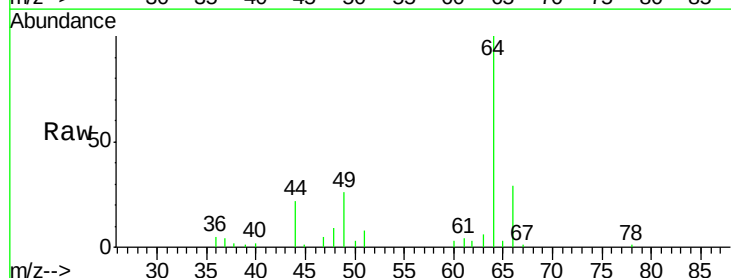
Acq: 12 Aug 2020 12:29

Tgt Ion: 64 Resp: 11613

Ion Ratio Lower Upper

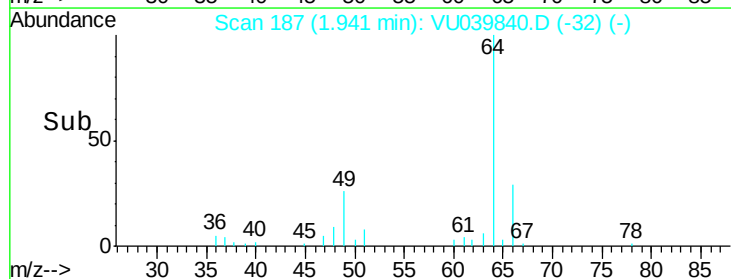
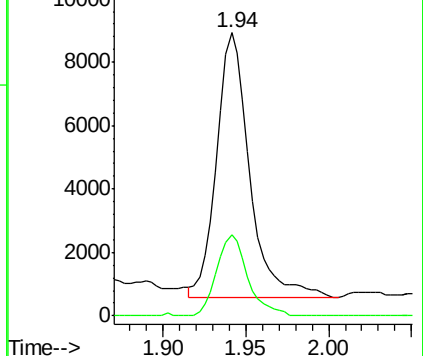
64 100

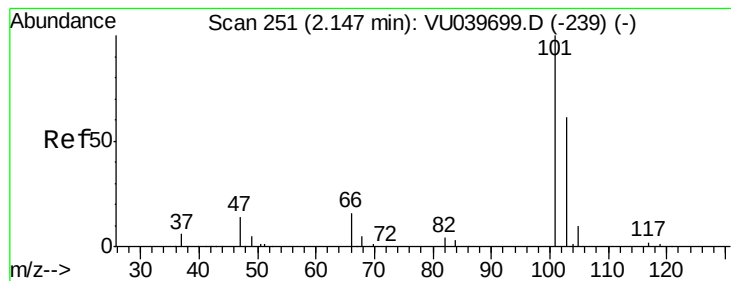
66 30.6 26.2 39.2



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

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





#7

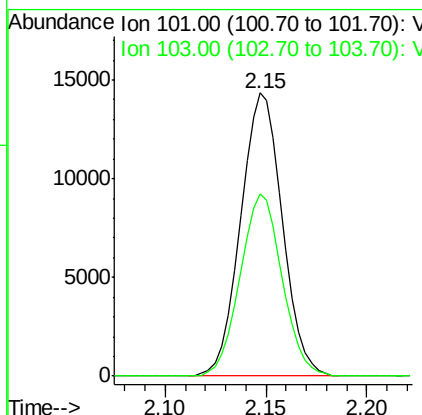
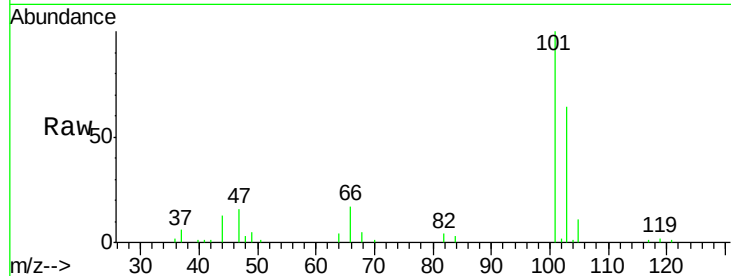
Trichlorofluoromethane
Concen: 1.701 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

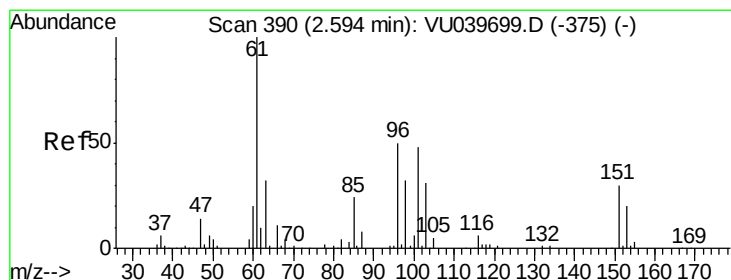
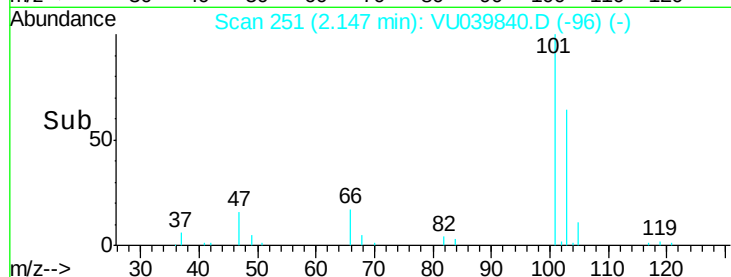
Tot Ion	Ratio	Resp	Lower	Upper
101	100	20780		
103	64.2	48.8	73.2	

Manual Integrations
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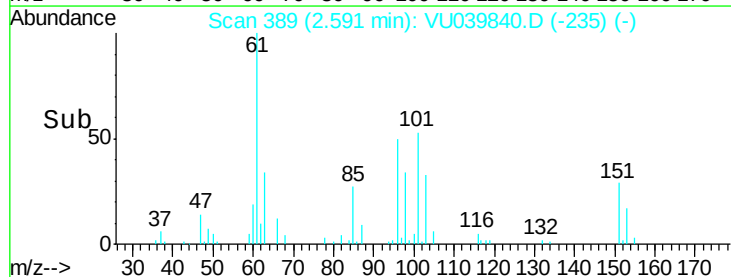
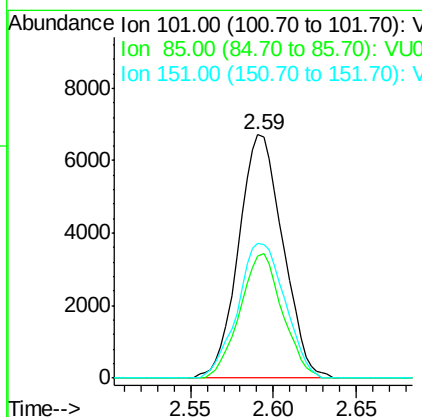
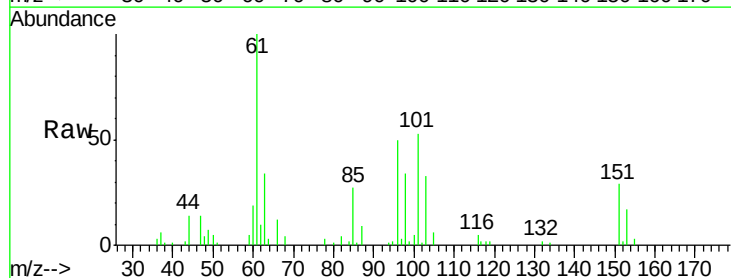
8/13/2020 11:35:51 AM

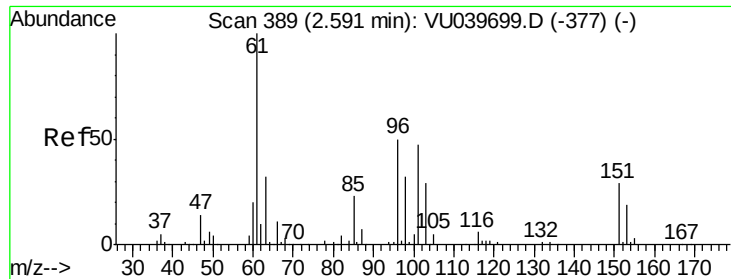


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.777 ug/l
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	12455		
85	49.0	39.9	59.9	
151	59.1	51.0	76.4	





#9

1,1-Dichloroethene

Concen: 1.548 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBS01

Tot Ion: 96 Resp: 9984

Ion Ratio Lower Upper

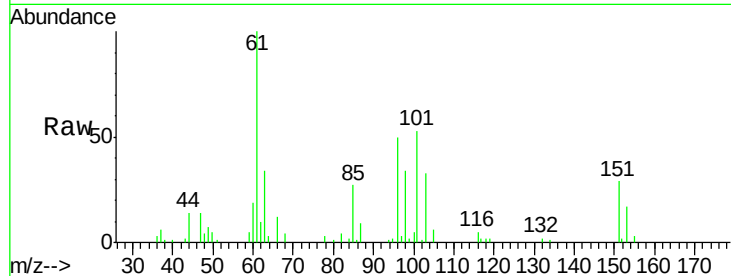
96 100

61 201.0 0.0 604.5

98 68.3 0.0 127.2

Manual Integrations
APPROVED

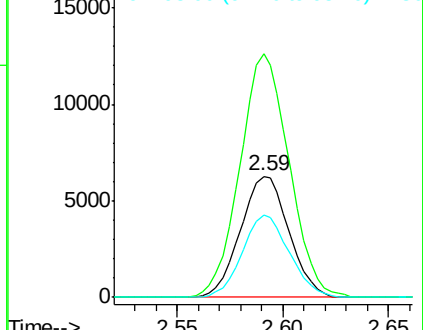
MMDadoda



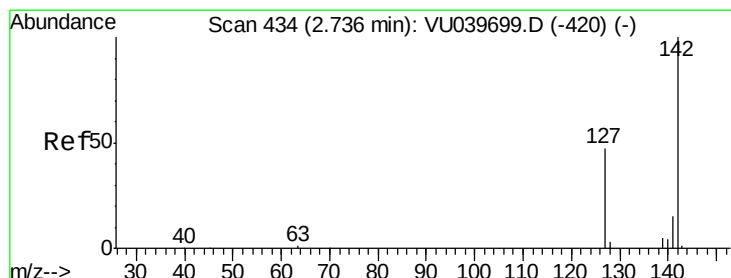
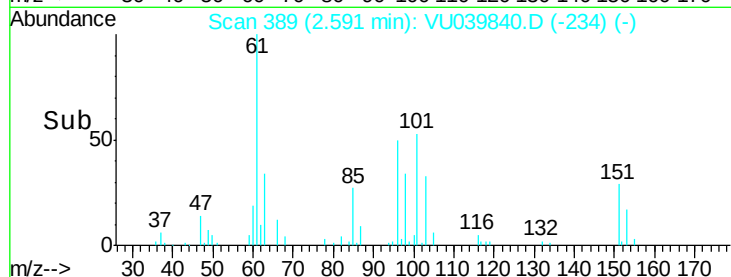
Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-377) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-377) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-377) (-)



8/13/2020 11:35:51 AM



#10

Iodomethane

Concen: 0.669 ug/l

RT: 2.73 min Scan# 433

Delta R.T. -0.00 min

Lab File: VU039840.D

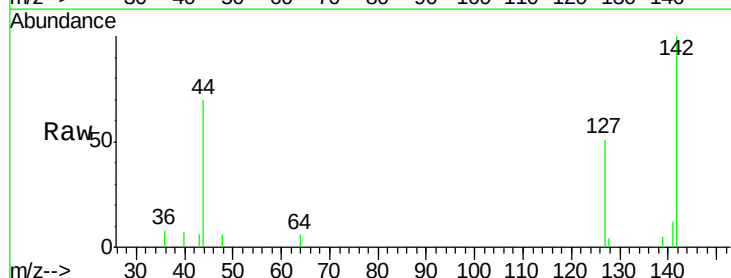
Acq: 12 Aug 2020 12:29

Tgt Ion: 142 Resp: 4350

Ion Ratio Lower Upper

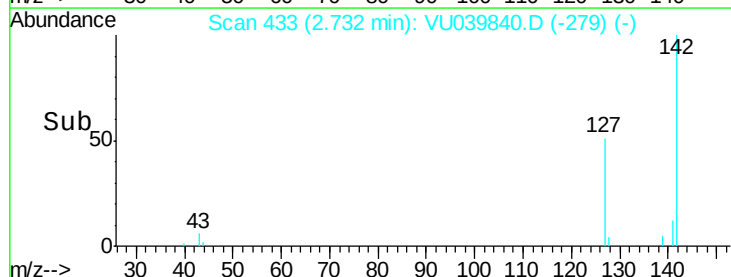
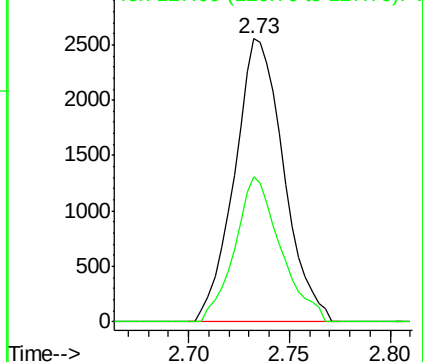
142 100

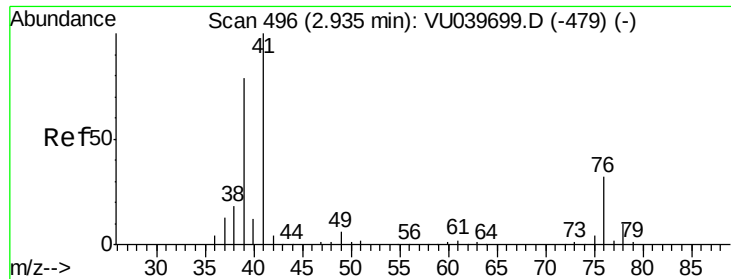
127 47.6 38.4 57.6



Abundance Ion 142.00 (141.70 to 142.70): VU039699.D (-420) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-420) (-)





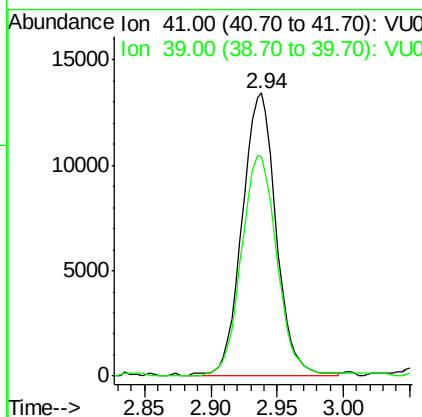
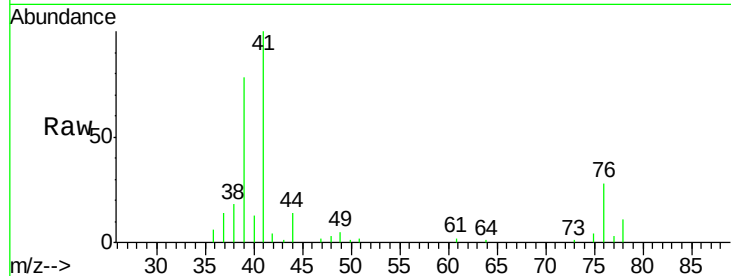
#11
Allvl Chloride
Concen: 1.729 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

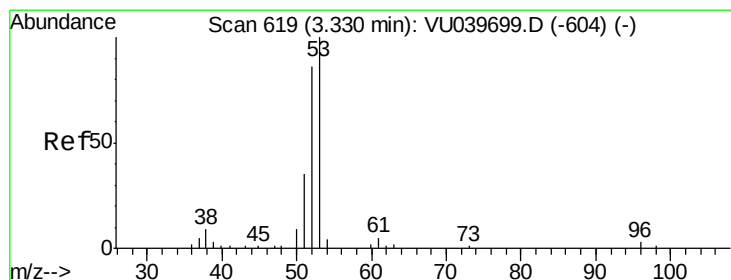
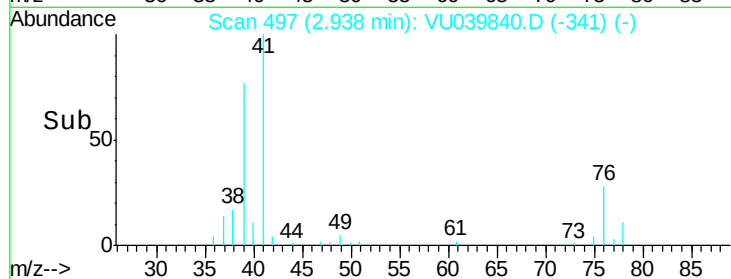
Tot Ion: 41 Resp: 24063
Ion Ratio Lower Upper
41 100
39 81.5 64.2 96.2

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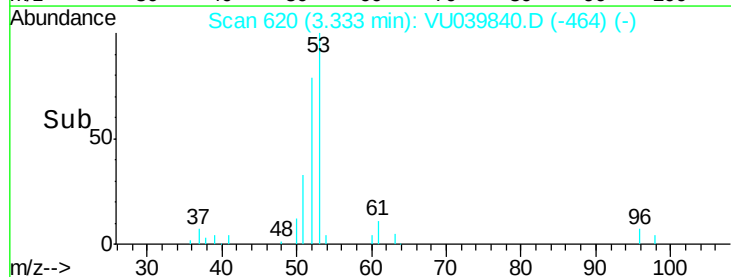
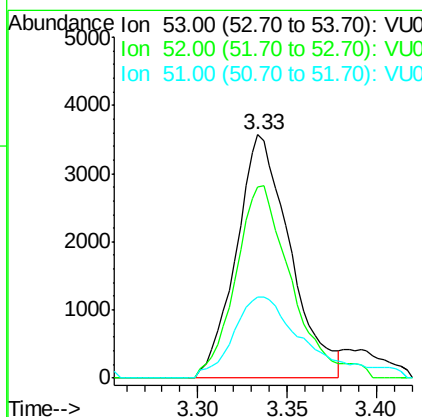
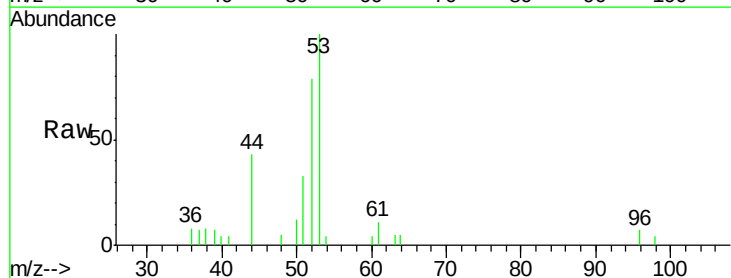


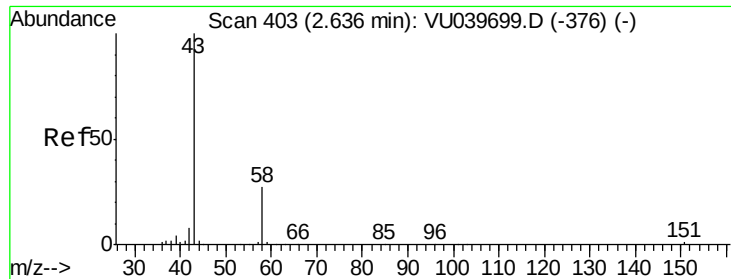
8/13/2020 11:35:51 AM



#12
Acrylonitrile
Concen: 3.313 ug/l
RT: 3.33 min Scan# 620
Delta R.T. 0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion: 53 Resp: 7500
Ion Ratio Lower Upper
53 100
52 82.1 69.1 103.7
51 44.9 29.4 44.2#





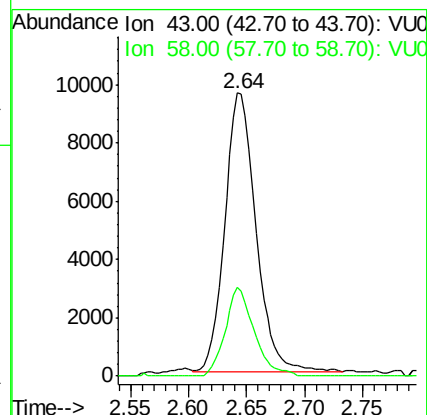
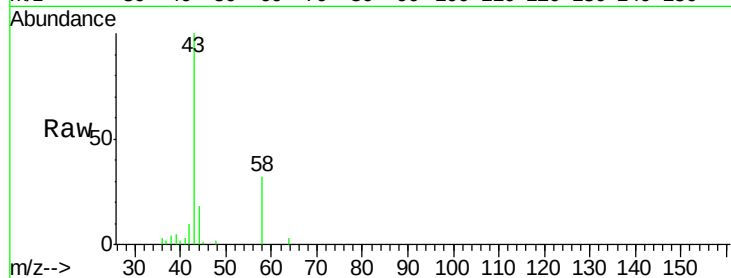
#13
Acetone
Concen: 8.363 ug/l
RT: 2.64 min Scan# 405
Delta R.T. 0.01 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

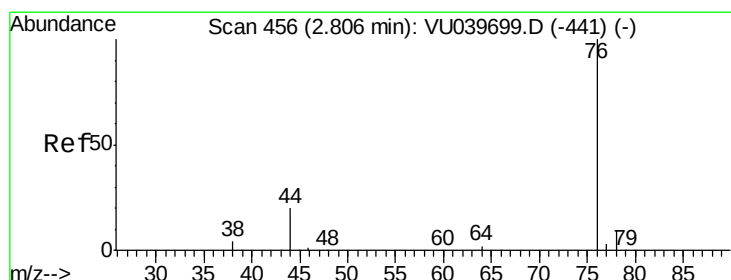
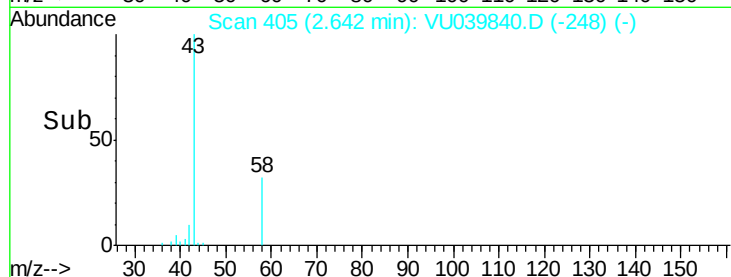
Tot Ion	Ratio	Lower	Upper
43	100		
58	32.1	21.8	32.6

Manual Integrations
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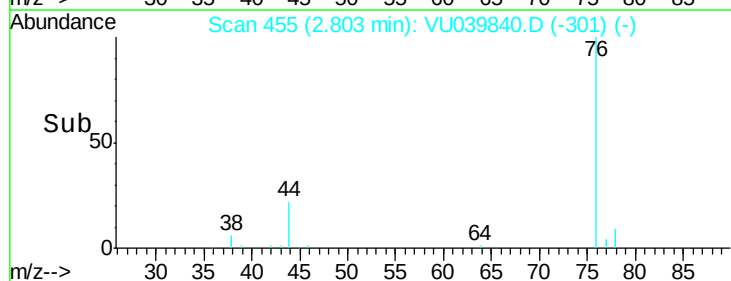
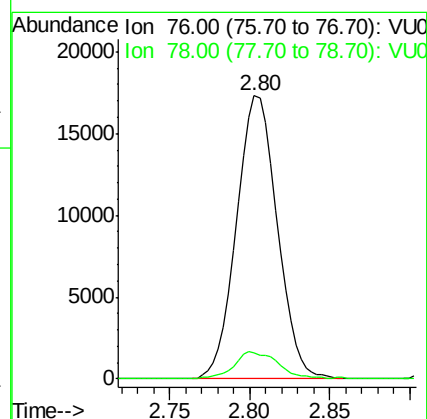
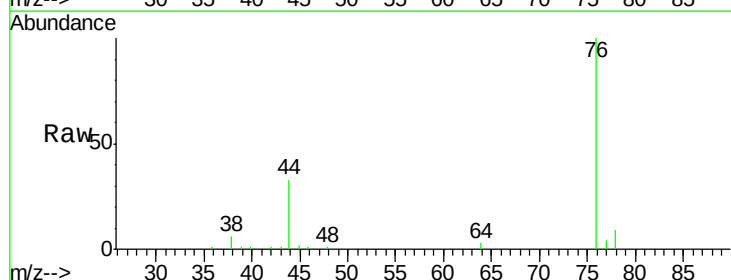


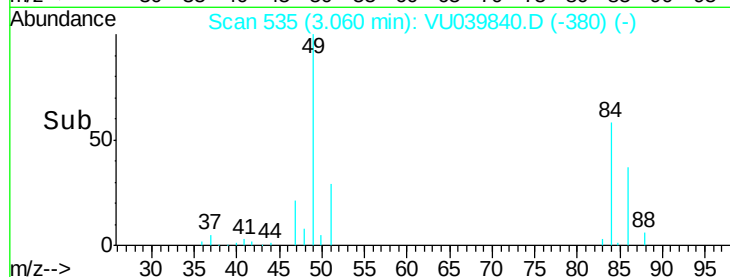
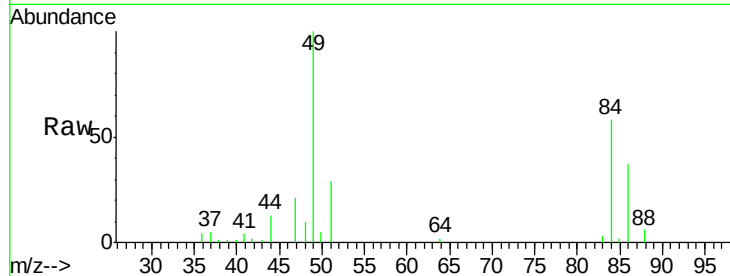
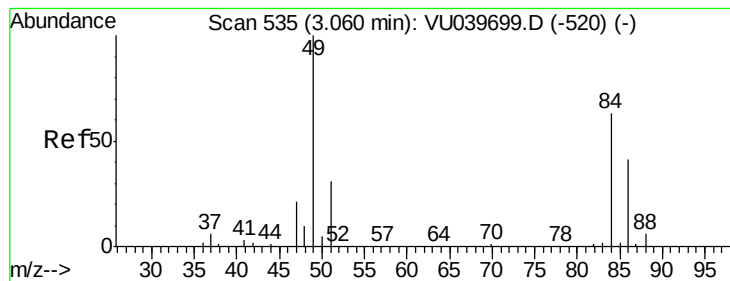
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#14
Carbon Disulfide
Concen: 1.272 ug/l
RT: 2.80 min Scan# 455
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.0	10.6





#15

Methylene Chloride

Concen: 1.566 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU039840.D

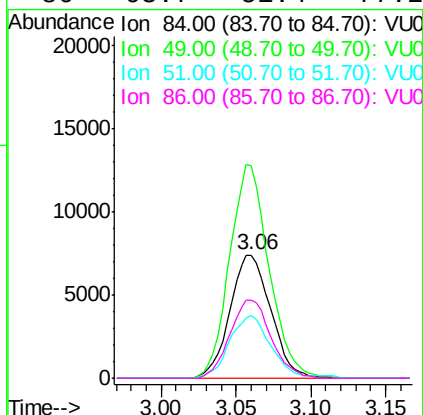
Acq: 12 Aug 2020 12:29

Tot Ion:	84	Resp:	14076
Ion	Ratio	Lower	Upper
84	100		
49	172.5	126.8	190.2
51	50.7	0.0	97.2
86	63.7	51.4	77.2

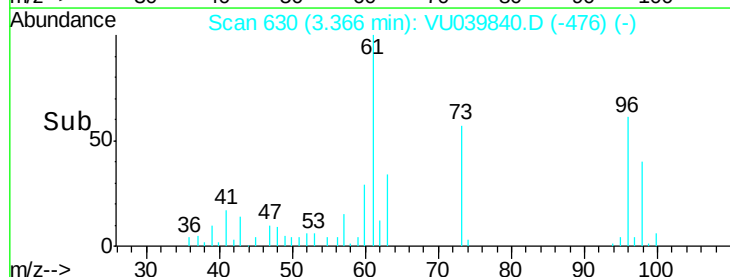
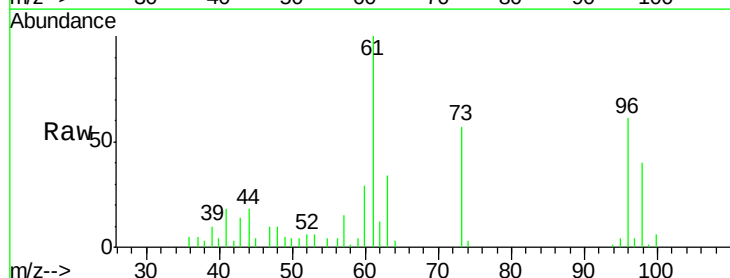
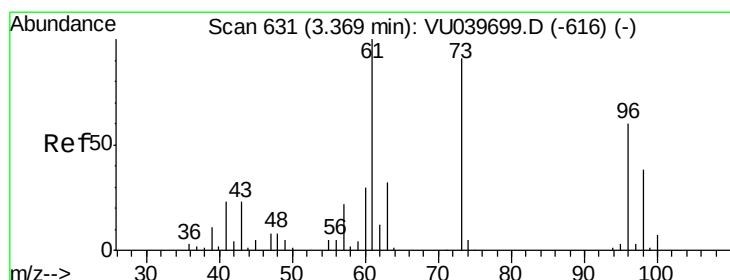
Instrument :
MSVOA_U
ClientSampled :
VU0812WBS01

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#16

trans-1,2-Dichloroethene

Concen: 1.608 ug/l

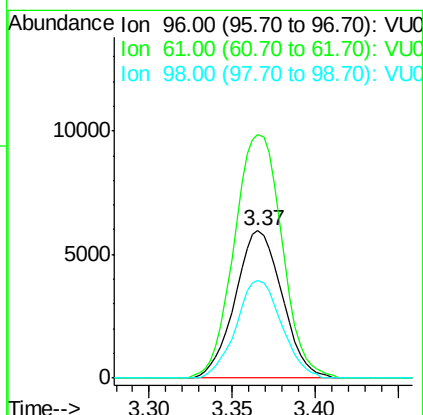
RT: 3.37 min Scan# 630

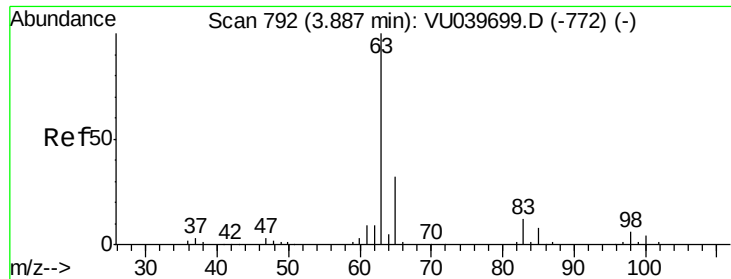
Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Tgt Ion:	96	Resp:	11789
Ion	Ratio	Lower	Upper
96	100		
61	165.1	132.6	199.0
98	66.6	50.2	75.2





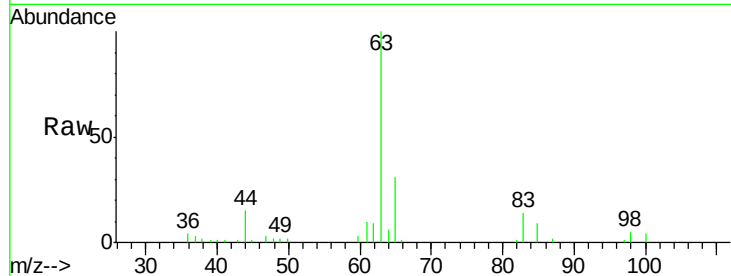
#17
 1,1-Dichloroethane
 Concen: 1.749 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

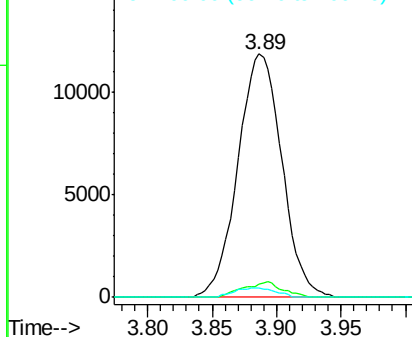
Tot Ion	Ratio	Lower	Upper
63	100		
98	5.3	2.9	8.7
100	3.6	2.0	6.0

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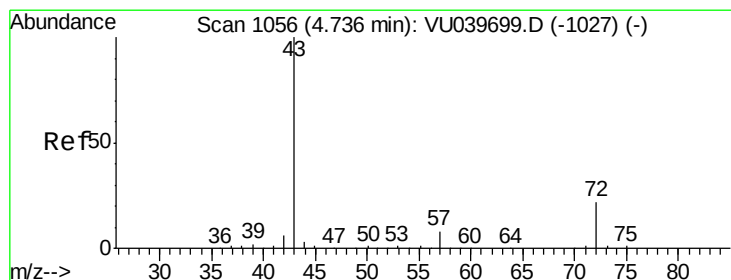
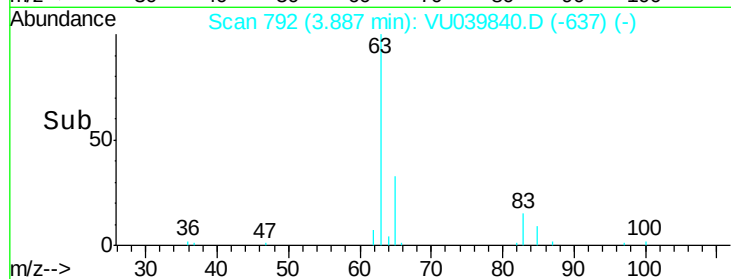
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Abundance Ion 63.00 (62.70 to 63.70): VU039840.D (-637) (-)
 Ion 98.00 (97.70 to 98.70): VU039840.D (-981) (-)
 Ion 100.00 (99.70 to 100.70): VU039840.D (-1001) (-)

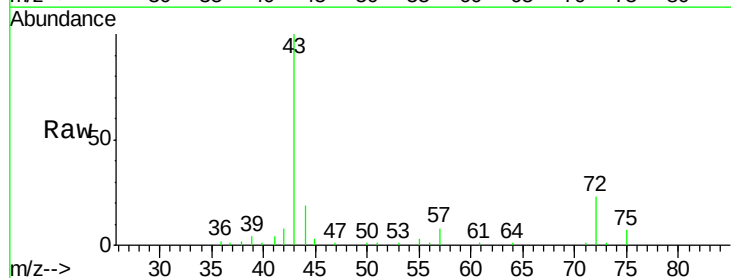


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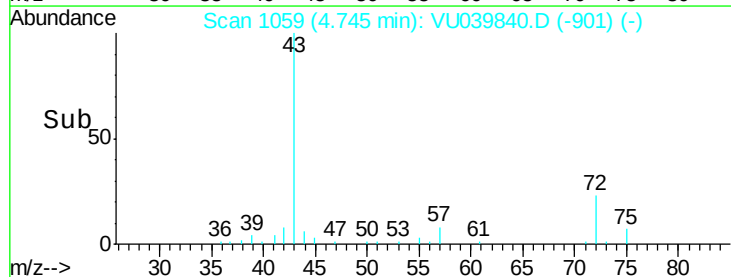
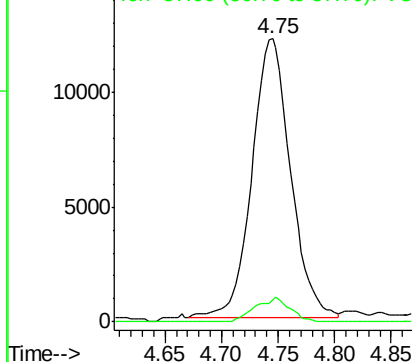


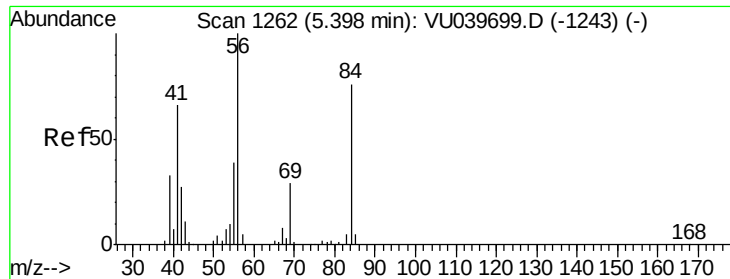
#18
 2-Butanone
 Concen: 8.007 ug/l
 RT: 4.75 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	0.0	15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039840.D (-901) (-)
 Ion 57.00 (56.70 to 57.70): VU039840.D (-951) (-)





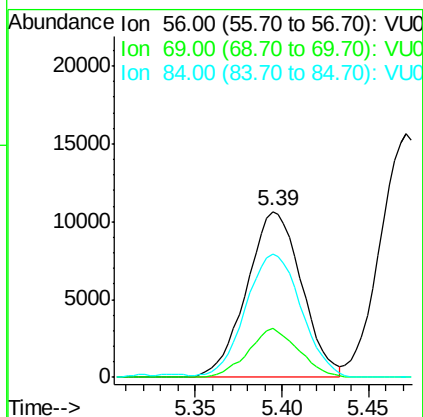
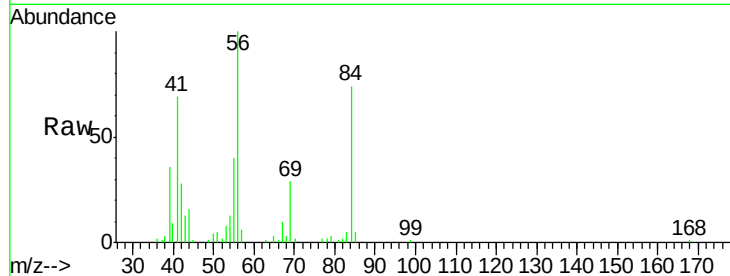
#19
Cyclohexane
Concen: 1.507 ug/l m
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

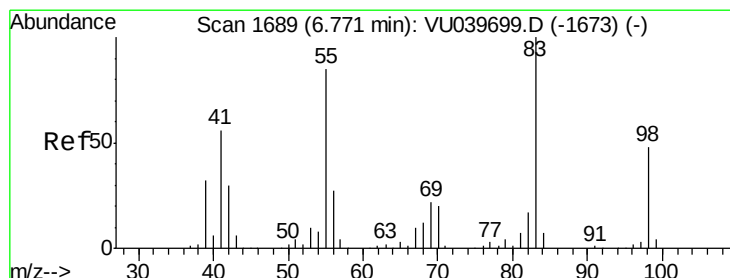
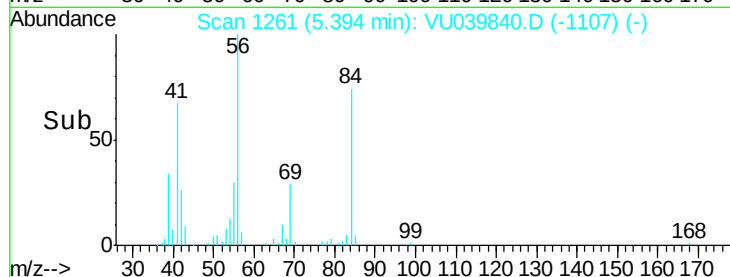
Tot Ion	Ratio	Lower	Upper
56	100		
69	27.1	22.8	34.2
84	73.8	59.9	89.9

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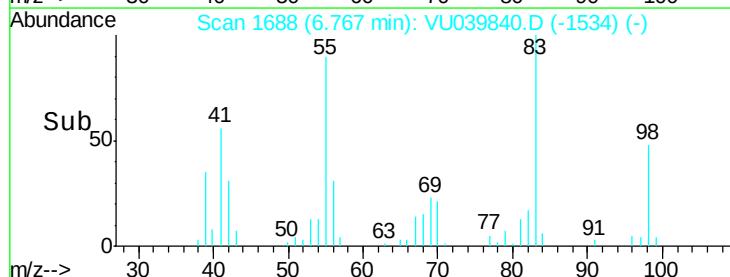
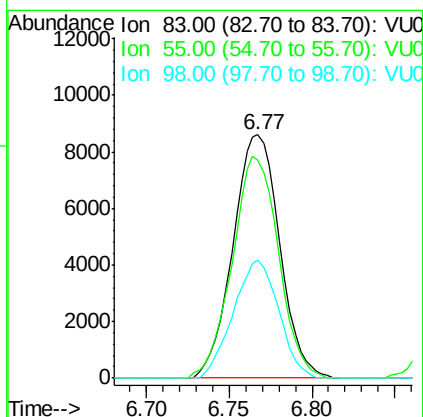
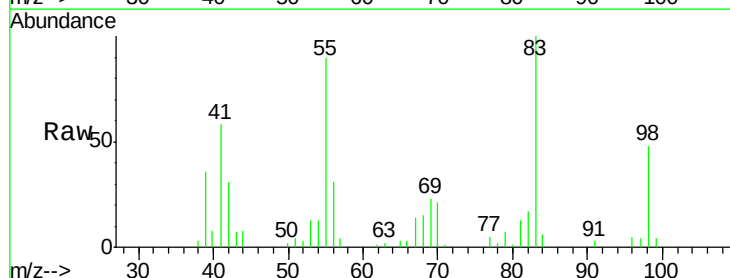


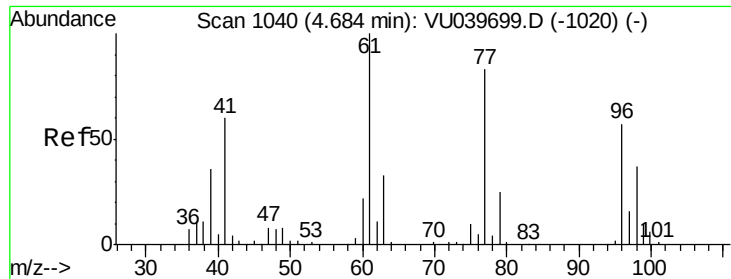
8/13/2020 11:35:51 AM



#20
Methylcyclohexane
Concen: 1.461 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
83	100		
55	90.1	67.6	101.4
98	46.8	37.3	55.9





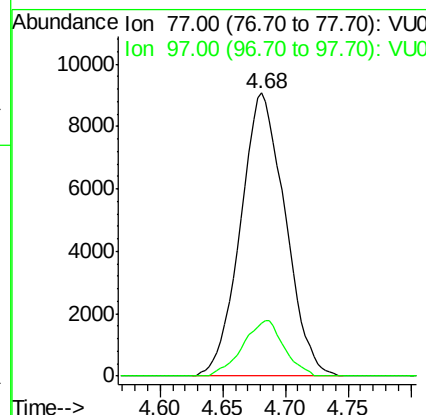
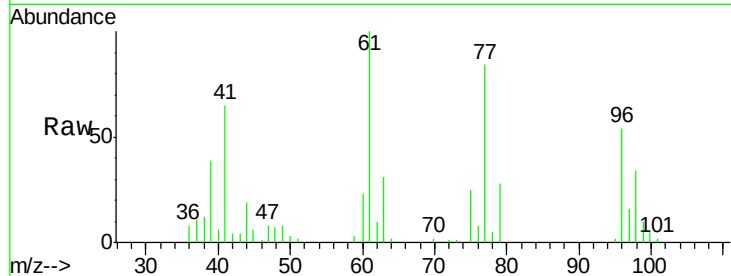
#21
 2,2-Dichloropropane
 Concen: 1.712 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

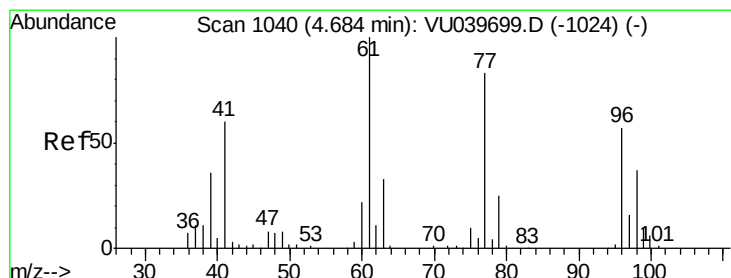
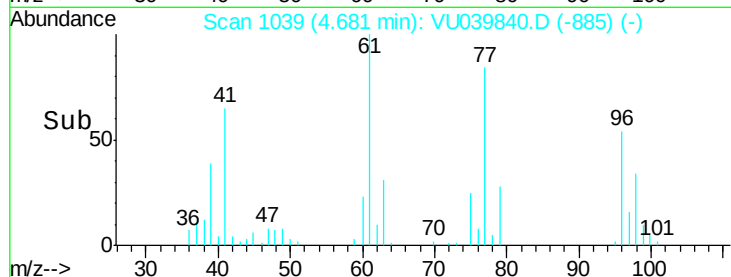
Tot Ion: 77 Resp: 22493
 Ion Ratio Lower Upper
 77 100
 97 18.0 15.2 22.8

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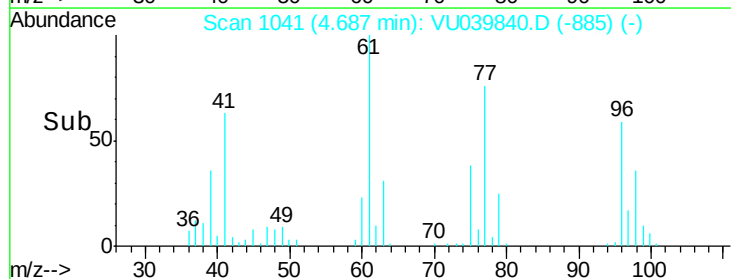
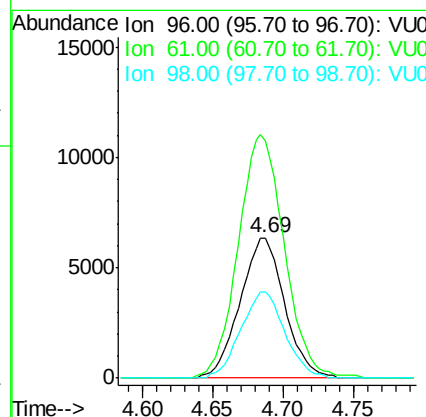
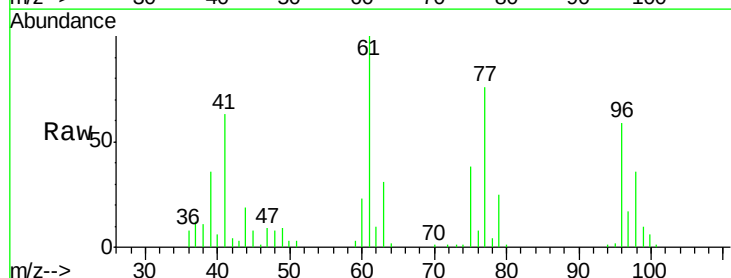


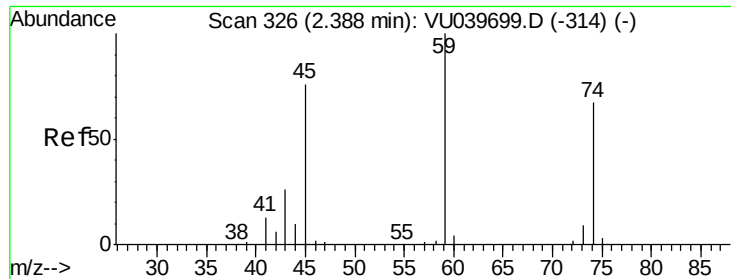
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#22
 cis-1,2-Dichloroethene
 Concen: 1.771 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion: 96 Resp: 13998
 Ion Ratio Lower Upper
 96 100
 61 180.1 0.0 451.3
 98 60.8 32.6 98.0





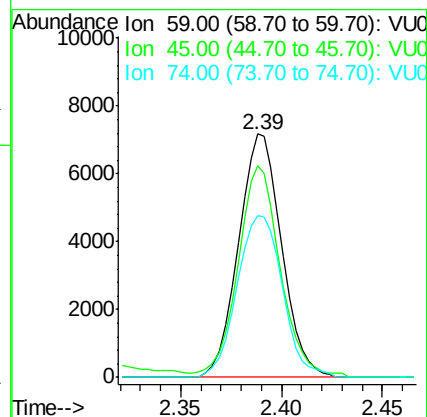
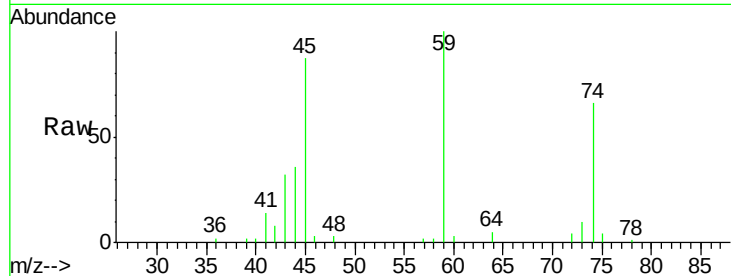
#23
Diethyl Ether
Concen: 1.630 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

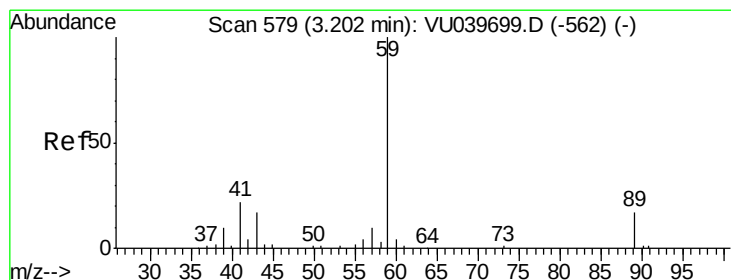
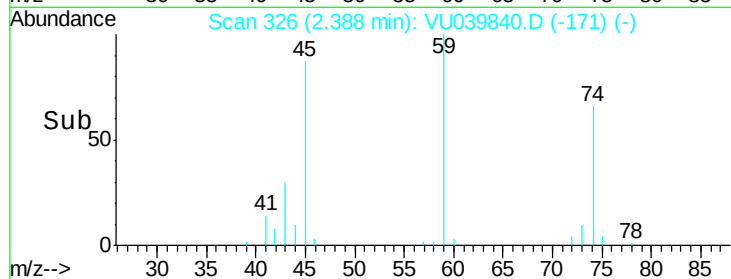
Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		10746		
45	85.6	61.5	92.3		
74	69.8	54.3	81.5		

Manual Integrations
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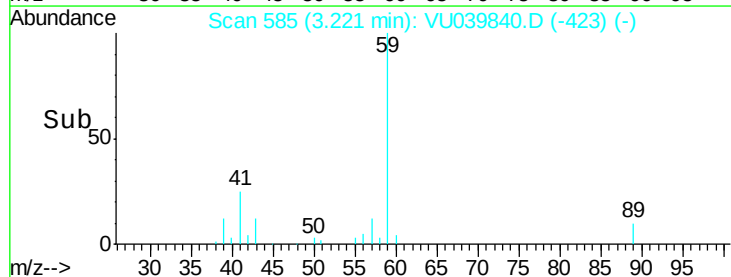
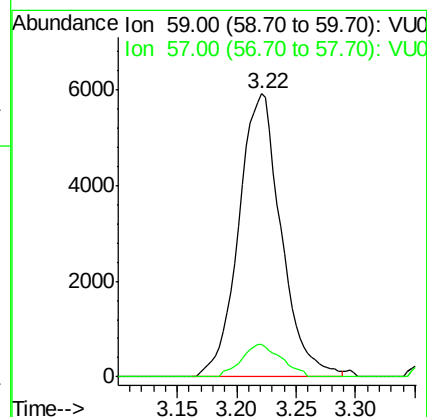
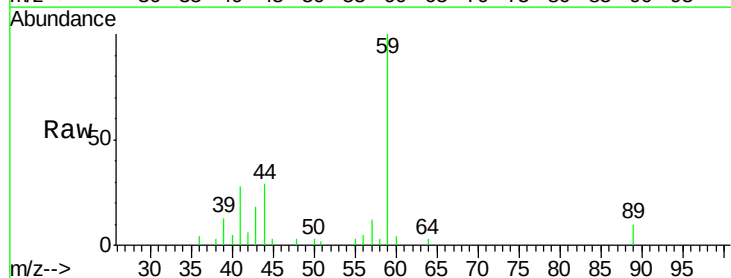


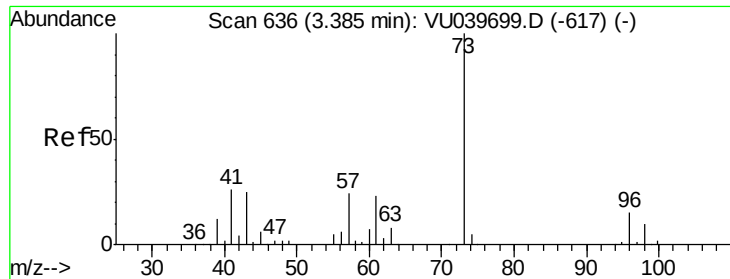
8/13/2020 11:35:51 AM



#24
tert-Butyl Alcohol
Concen: 11.223 ug/l
RT: 3.22 min Scan# 585
Delta R.T. 0.02 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
59	100		14621		
57	10.9	7.8	11.6		





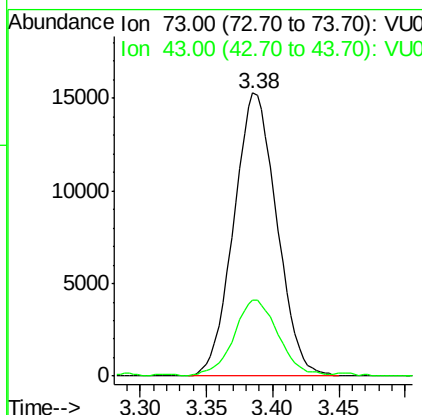
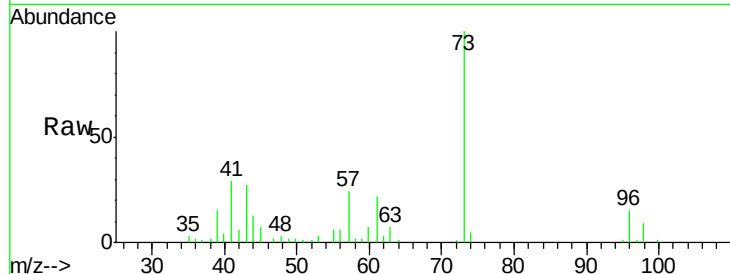
#25
Methyl tert-Butyl Ether
Concen: 1.640 ug/l
RT: 3.38 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

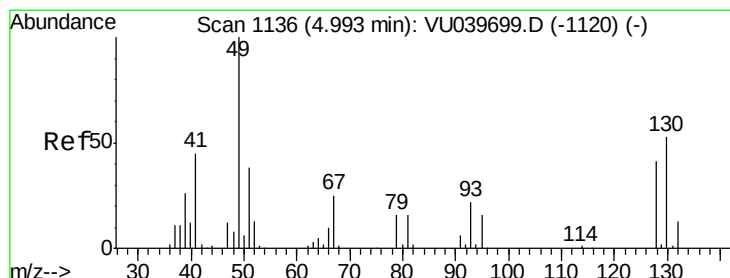
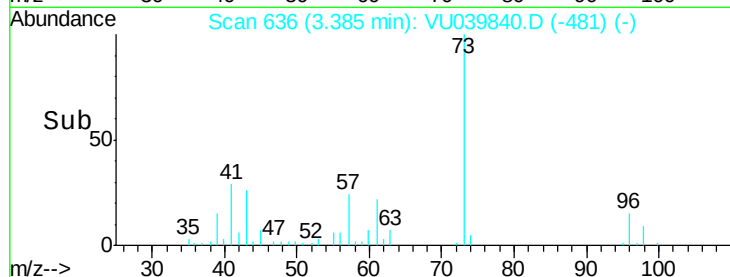
Tot Ion	Ratio	Lower	Upper
73	100		
43	28.0	20.1	30.1

Manual Integrations
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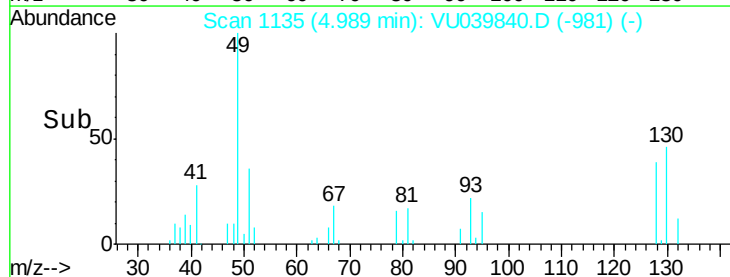
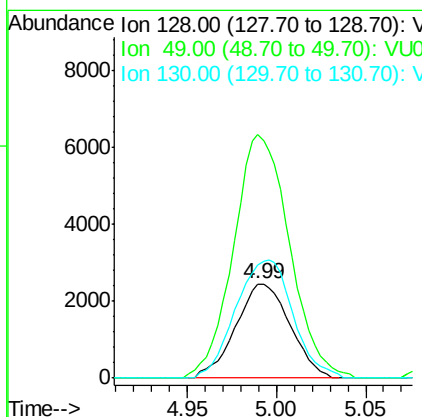
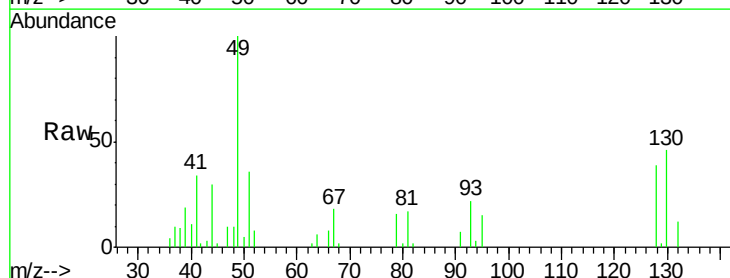


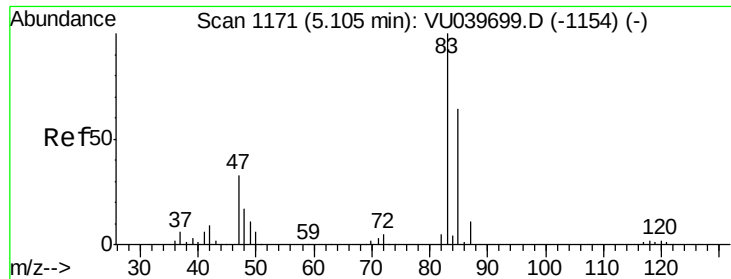
8/13/2020 11:35:51 AM



#26
Bromochloromethane
Concen: 1.611 ug/l
RT: 4.99 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
128	100		
49	266.1	0.0	503.8
130	131.2	102.7	154.1





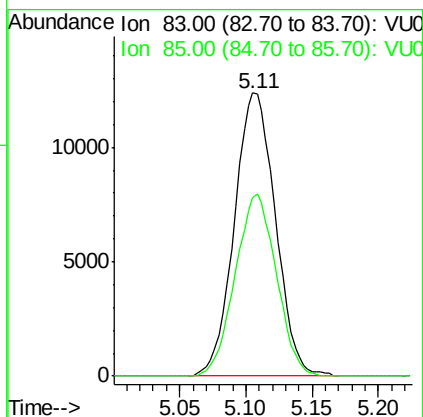
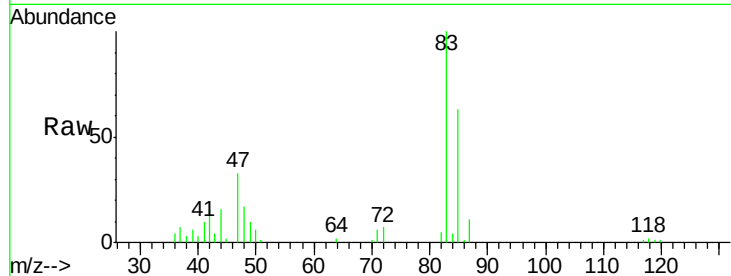
#27
Chloroform
Concen: 1.766 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampled :
VU0812WBS01

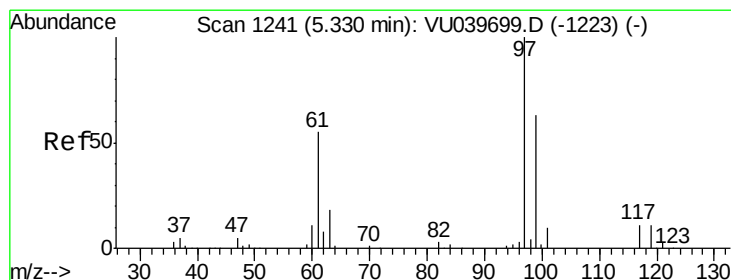
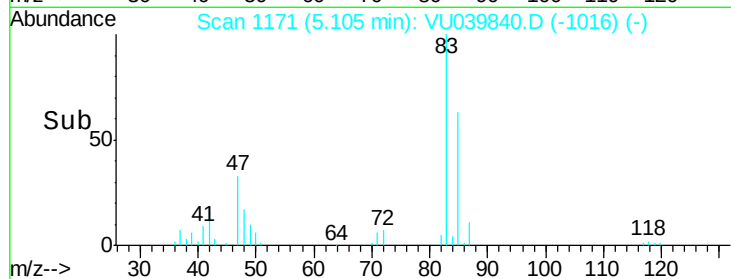
Tot Ion	83	Resp	26619
Ion Ratio	100	Lower	Upper
85	63.2	0.0	128.8

Manual Integrations
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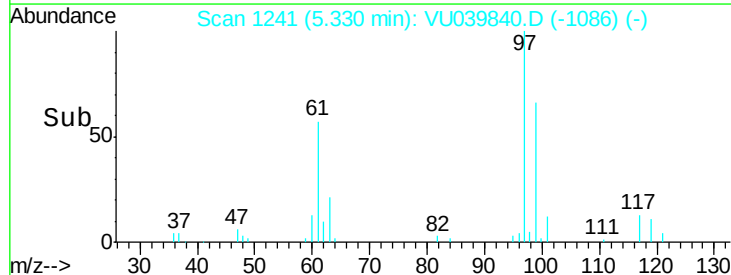
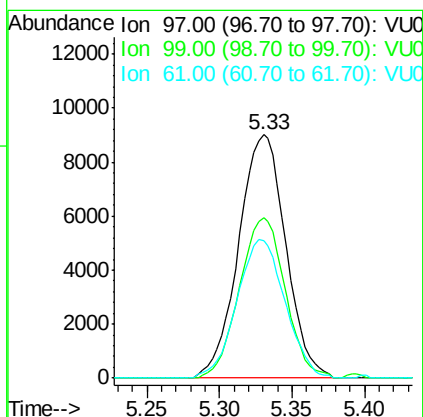
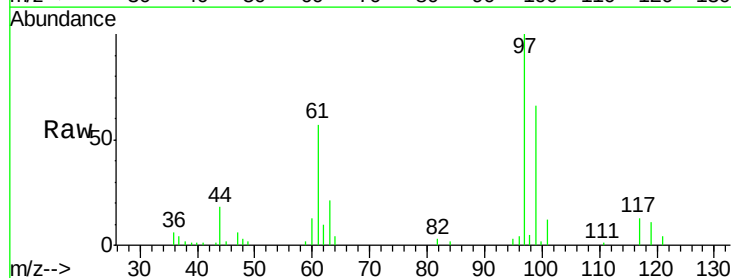


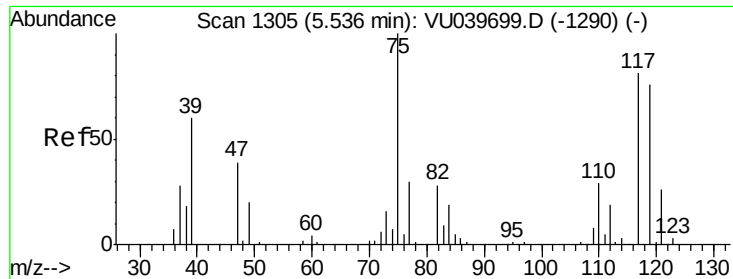
8/13/2020 11:35:51 AM



#28
1,1,1-Trichloroethane
Concen: 1.672 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	97	Resp	20384
Ion Ratio	100	Lower	Upper
99	64.1	32.2	96.6
61	58.2	28.3	85.0





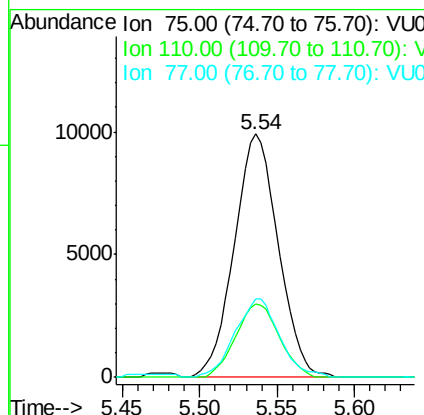
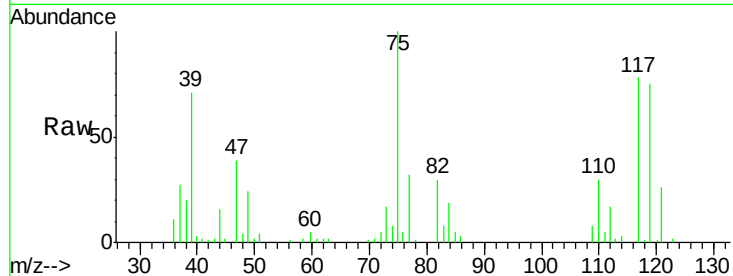
#29
 1,1-Dichloropropene
 Concen: 1.673 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampled :
 VU0812WBS01

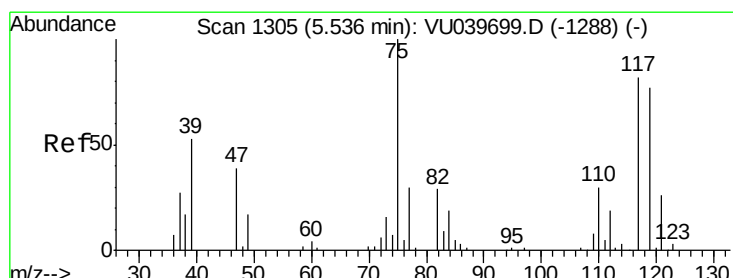
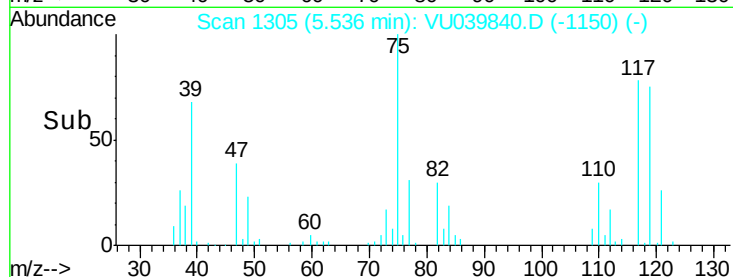
Tot Ion	Ratio	Lower	Upper
75	100		
110	29.8	14.6	44.0
77	32.6	25.0	37.4

Manual Integrations
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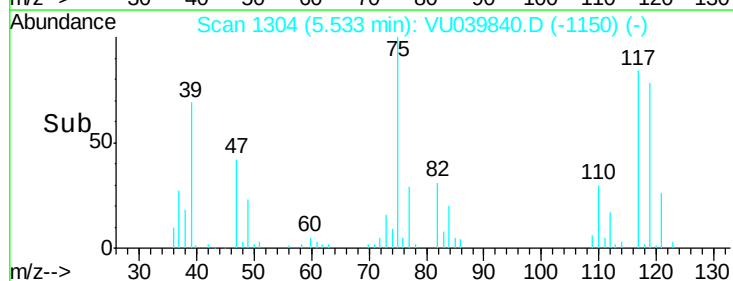
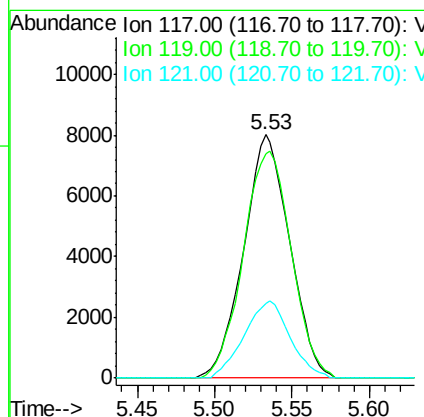
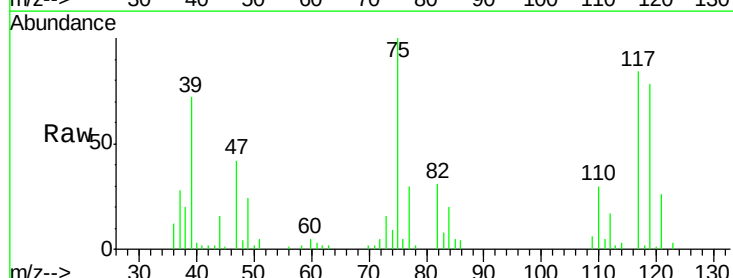


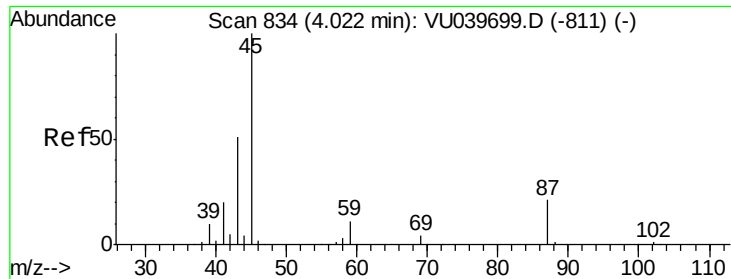
8/13/2020 11:35:51 AM



#30
 Carbon Tetrachloride
 Concen: 1.663 ug/l
 RT: 5.53 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	75.2	112.8
121	30.6	25.4	38.2





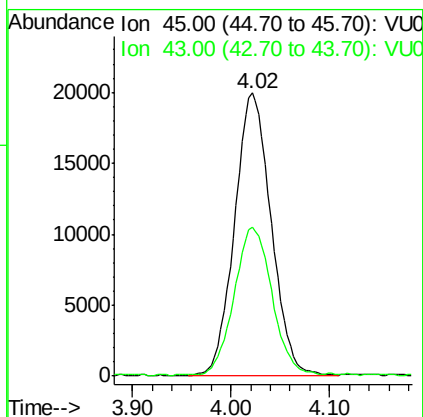
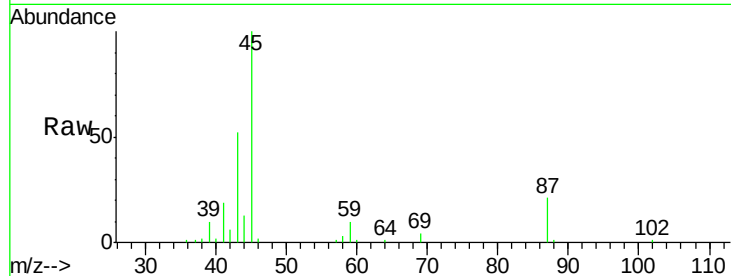
#31
Isopropyl Ether
Concen: 1.754 ug/l
RT: 4.02 min Scan# 834
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

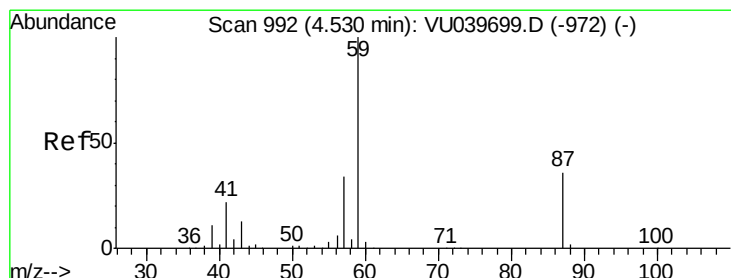
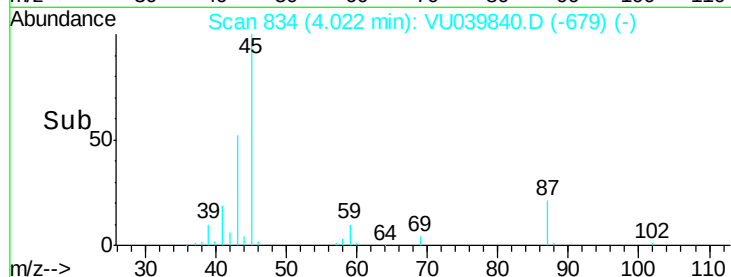
Tot Ion: 45 Resp: 51509
Ion Ratio Lower Upper
45 100
43 52.9 26.5 79.4

Manual Integrations
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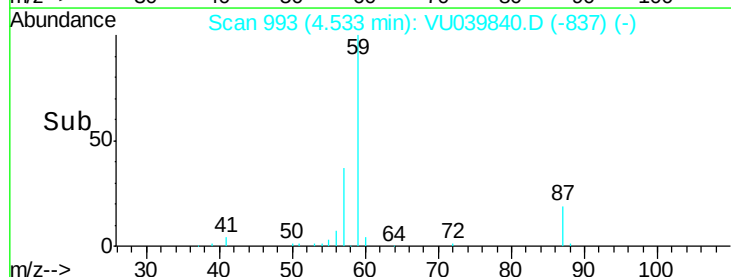
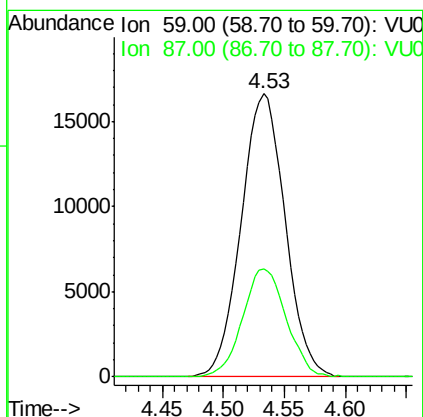
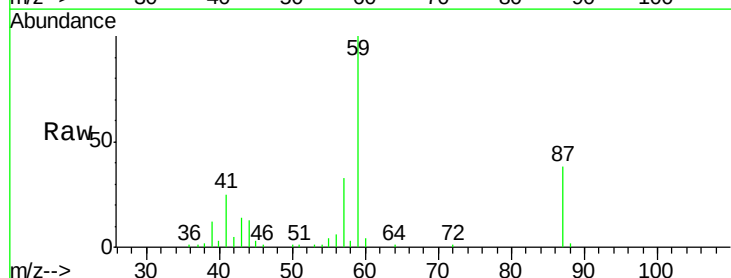


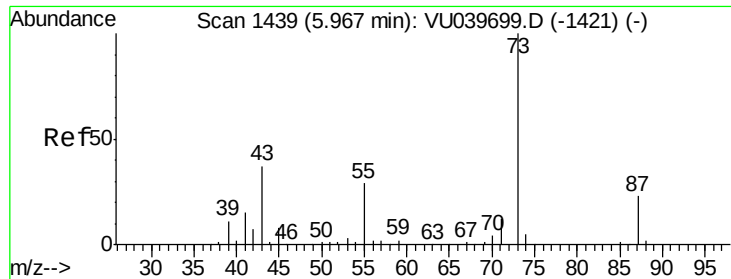
8/13/2020 11:35:51 AM



#32
Ethyl-t-butyl ether
Concen: 1.659 ug/l
RT: 4.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion: 59 Resp: 41475
Ion Ratio Lower Upper
59 100
87 37.8 29.4 44.0





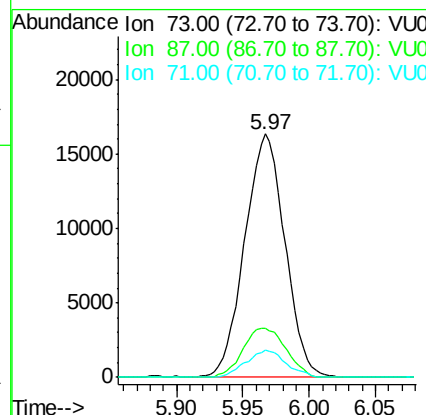
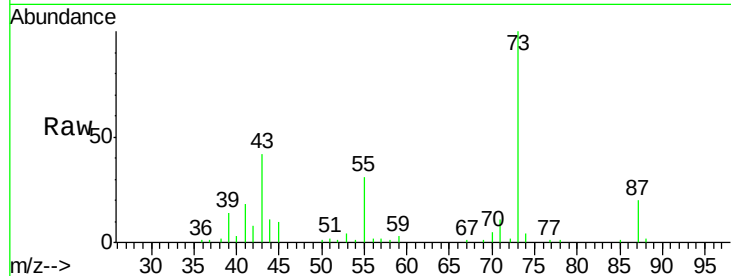
#33
Tert-Butyl methyl ether
Concen: 1.913 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

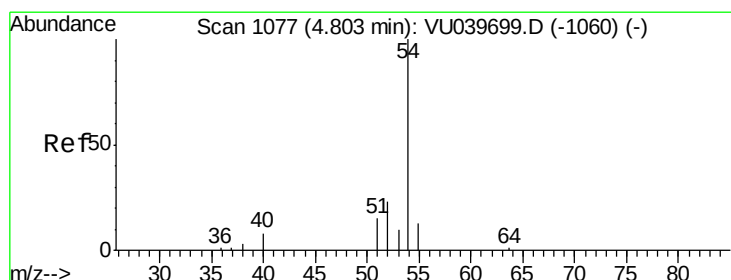
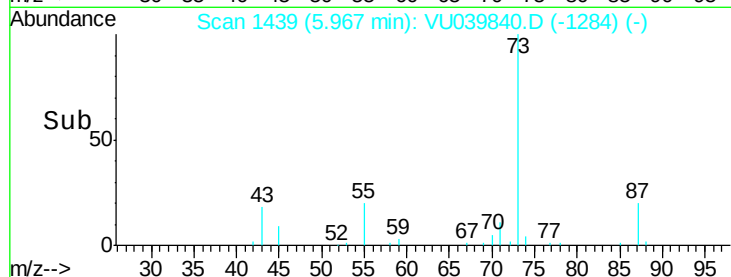
Tot Ion	Ratio	Lower	Upper
73	100		
87	21.5	18.7	28.1
71	11.0	9.1	13.7

Manual Integrations
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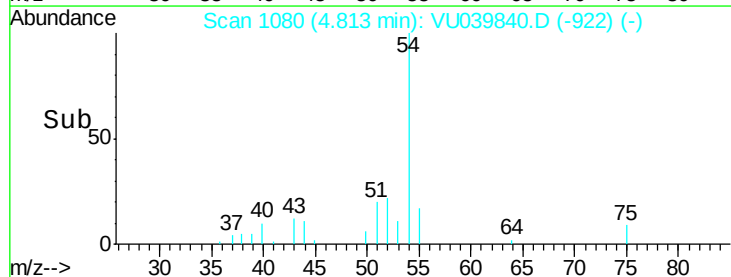
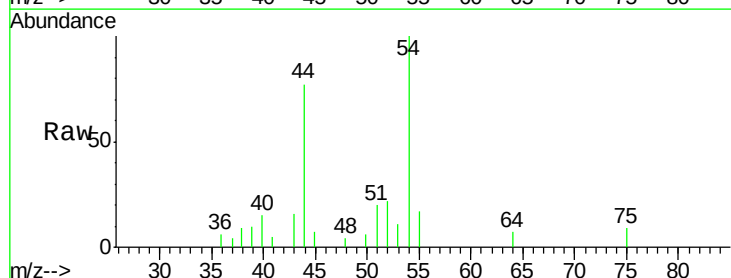
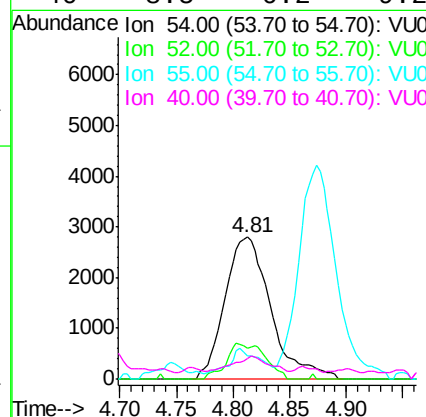


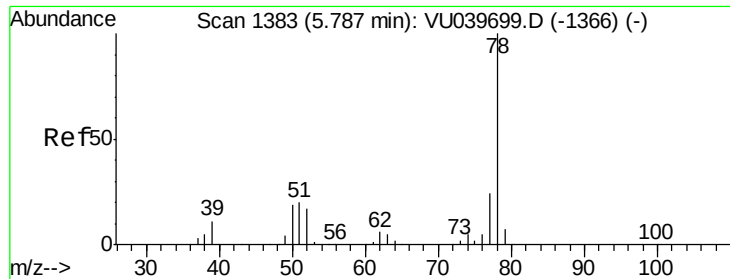
8/13/2020 11:35:51 AM



#34
Propionitrile
Concen: 8.909 ug/l
RT: 4.81 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
54	100		
52	11.6	16.9	25.3#
55	15.9	12.9	19.3
40	8.5	6.2	9.2





#35

Benzene

Concen: 1.838 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBS01

Tot Ion: 78 Resp: 53374

Ion Ratio Lower Upper

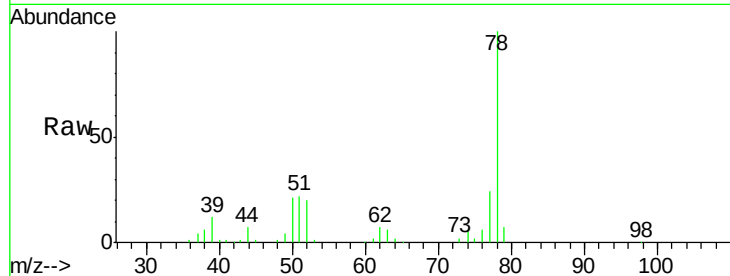
78 100

77 24.3 19.2 28.8

Manual Integrations

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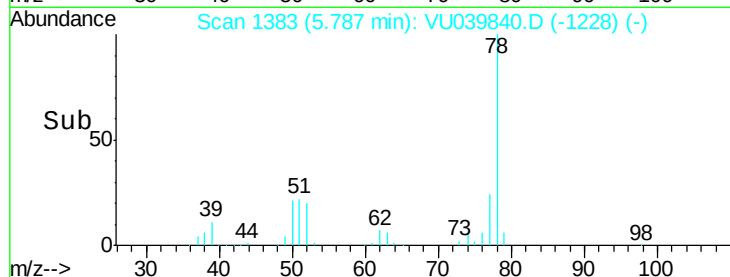


Abundance Ion 78.10 (77.80 to 78.80): VU039699.D (-1366) (-)

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

5.79

Time-->



Abundance

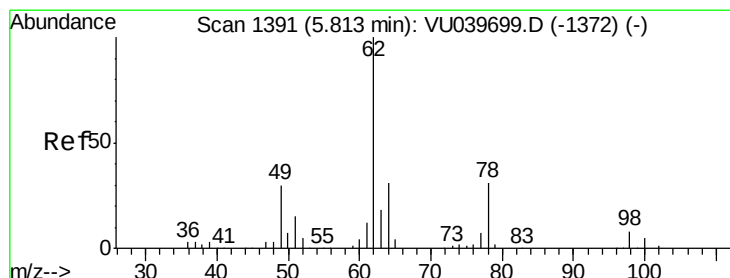
Ion 78.10 (77.80 to 78.80): VU039840.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU039840.D (-1228) (-)

5.79

Time-->

8/13/2020 11:35:51 AM



#36

1,2-Dichloroethane

Concen: 1.870 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039840.D

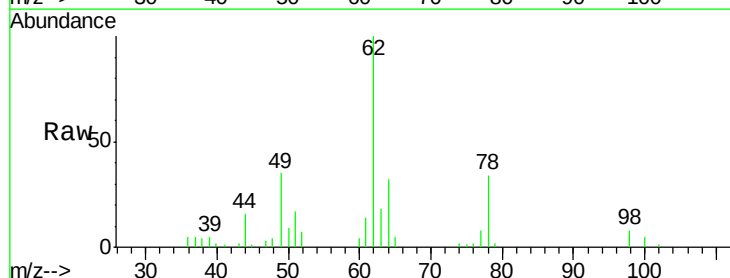
Acq: 12 Aug 2020 12:29

Tgt Ion: 62 Resp: 20366

Ion Ratio Lower Upper

62 100

98 7.4 6.2 9.2

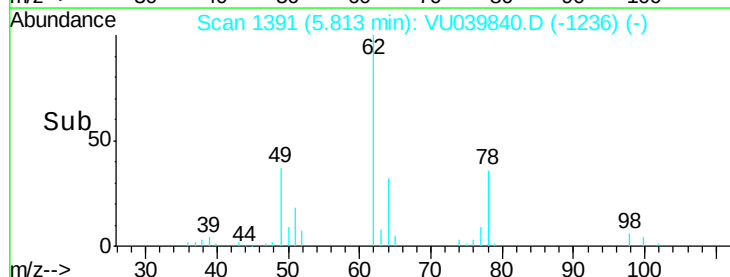


Abundance Ion 62.00 (61.70 to 62.70): VU039699.D (-1372) (-)

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

5.81

Time-->



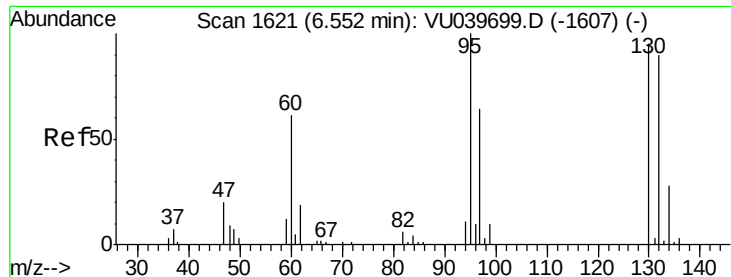
Abundance

Ion 62.00 (61.70 to 62.70): VU039840.D (-1236) (-)

Ion 98.00 (97.70 to 98.70): VU039840.D (-1236) (-)

5.81

Time-->



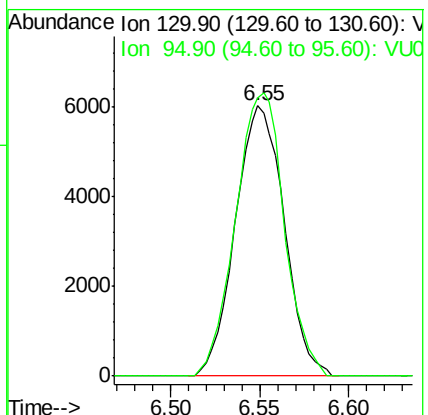
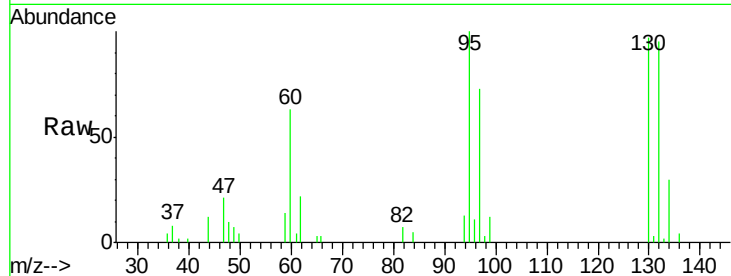
#37
 Trichloroethene
 Concen: 1.725 ug/l
 RT: 6.55 min Scan# 1620
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

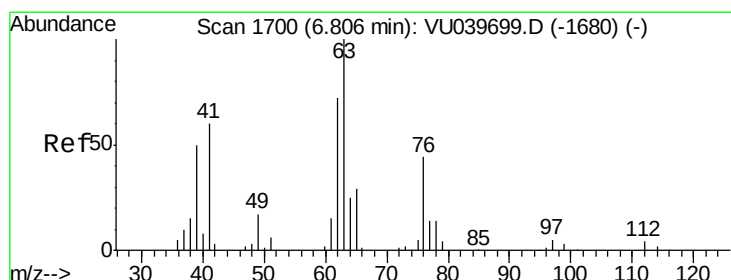
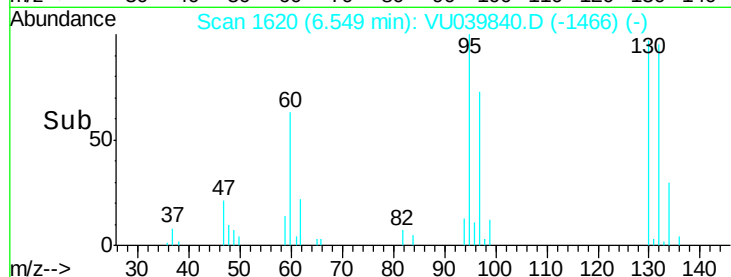
Tot Ion:130 Resp: 11466
 Ion Ratio Lower Upper
 130 100
 95 102.9 84.3 126.5

Manual Integrations
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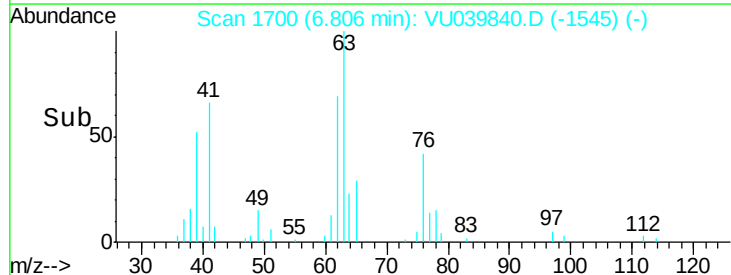
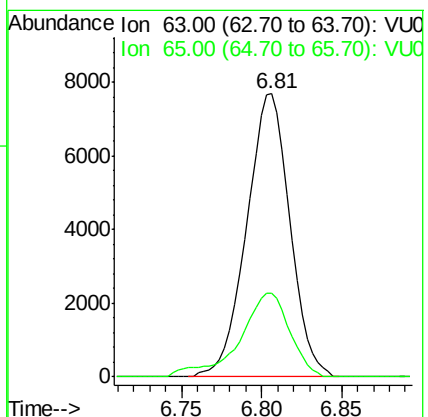
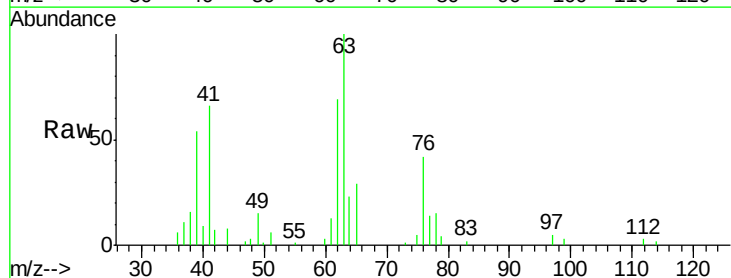


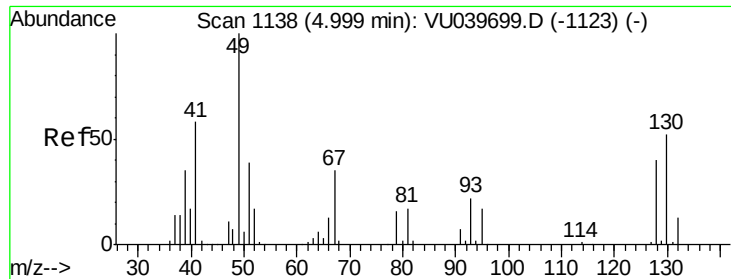
8/13/2020 11:35:51 AM



#38
 1,2-Dichloropropane
 Concen: 1.779 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion: 63 Resp: 14241
 Ion Ratio Lower Upper
 63 100
 65 29.4 23.8 35.6





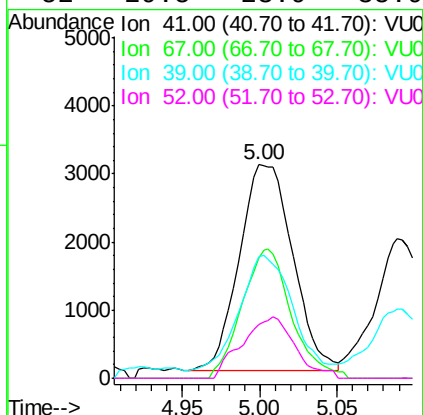
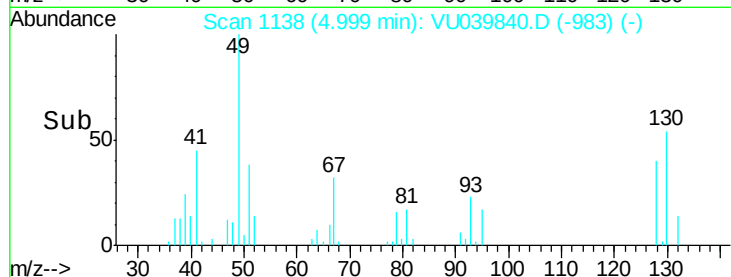
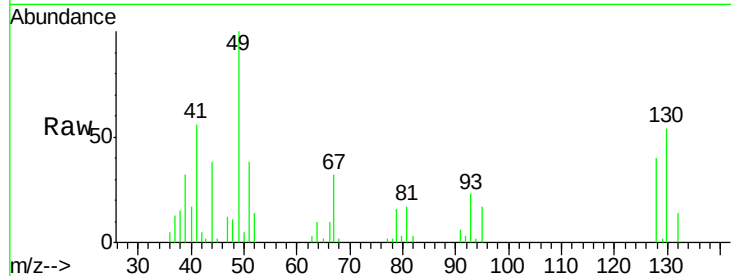
#39
Methacrylonitrile
Concen: 1.553 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

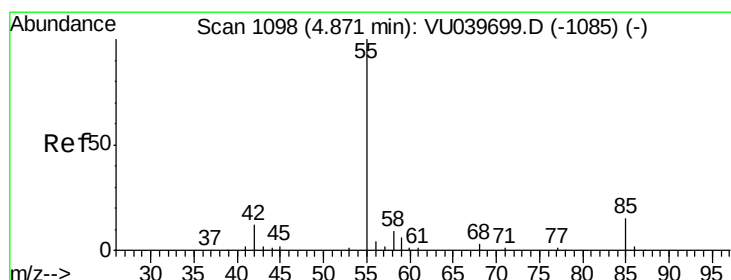
Tot Ion	Ratio	Lower	Upper
41	100		
67	58.2	48.3	72.5
39	54.6	47.6	71.4
52	29.5	23.9	35.9

Manual Integrations
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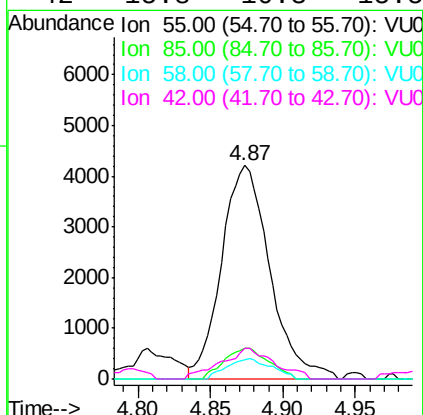
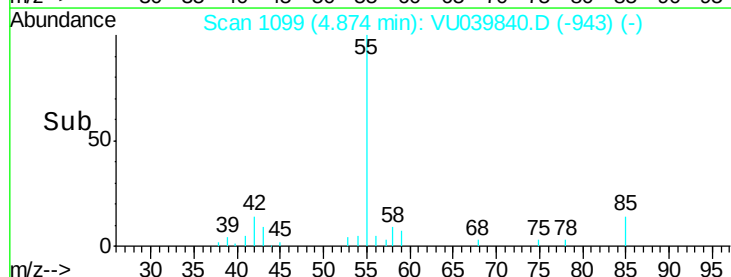
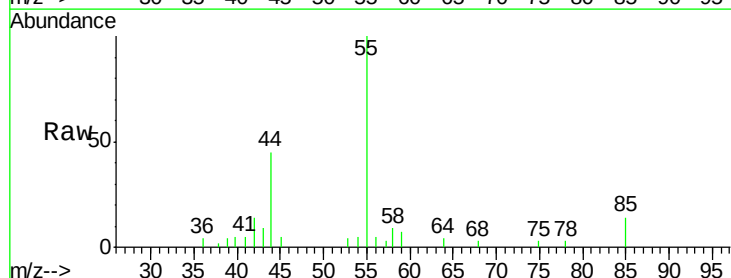


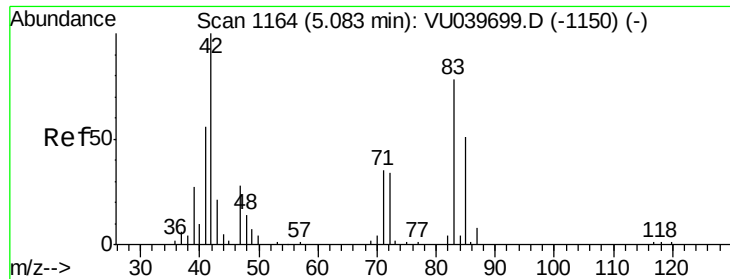
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#40
Methyl acrylate
Concen: 1.622 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
55	100		
85	13.3	11.4	17.0
58	8.8	7.4	11.0
42	15.8	10.3	15.5#





#41

Tetrahydrofuran

Concen: 3.272 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

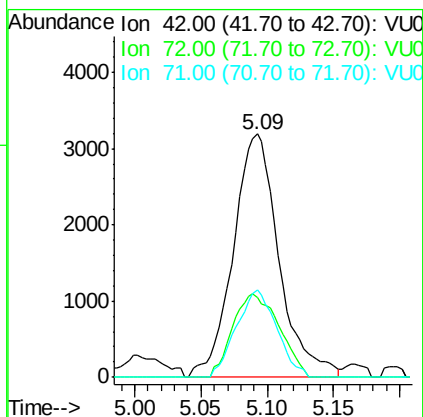
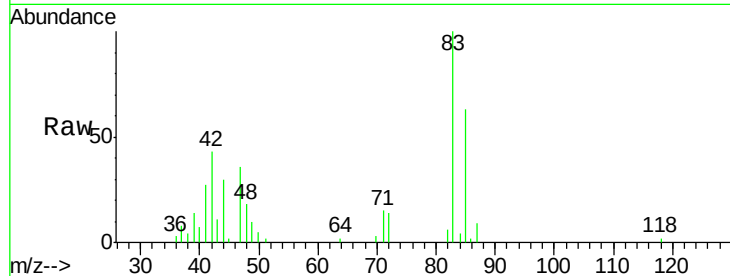
ClientSampleId :

VU0812WBS01

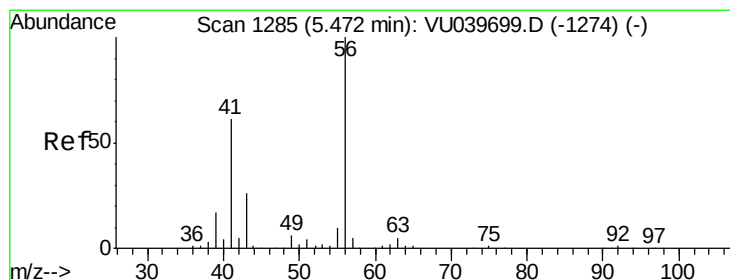
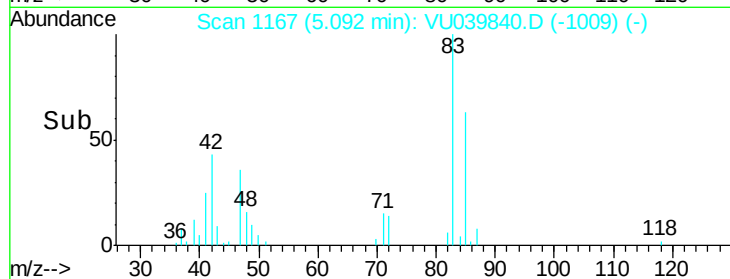
Tot Ion:	42	Resp:	7667
Ion	Ratio	Lower	Upper
42	100		
72	34.8	31.0	46.6
71	31.5	28.2	42.4

Manual Integrations
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#42

1-Chlorobutane

Concen: 1.688 ug/l

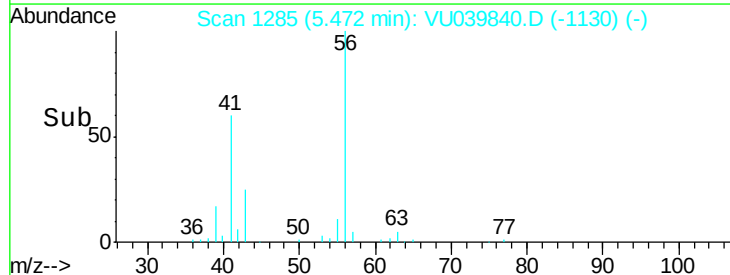
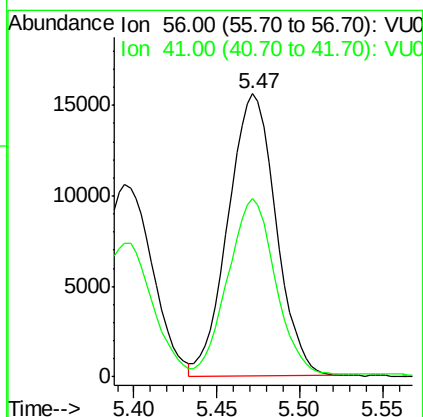
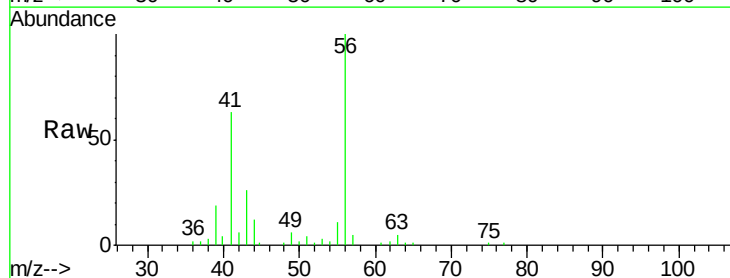
RT: 5.47 min Scan# 1285

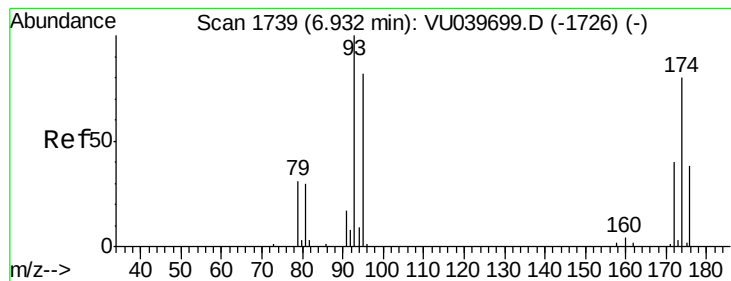
Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Tgt Ion:	56	Resp:	31115
Ion	Ratio	Lower	Upper
56	100		
41	61.2	30.5	91.5





#43

Dibromomethane

Concen: 1.629 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

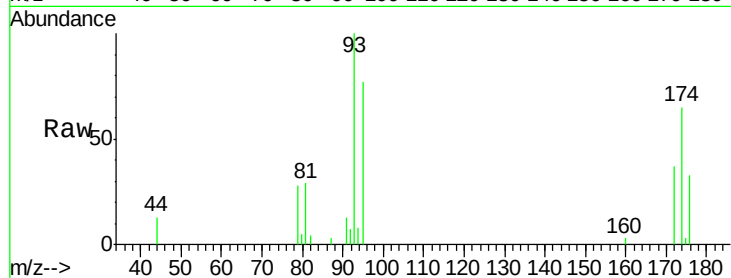
ClientSampleId :

VU0812WBS01

Tot Ion:	93	Resp:	7019
Ion	Ratio	Lower	Upper
93	100		
95	83.6	66.6	99.8
174	71.1	62.7	94.1

Manual Integrations
APPROVED

MMDadoda

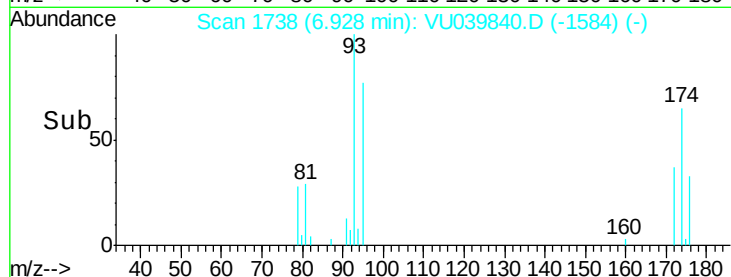


Abundance Ion 93.00 (92.70 to 93.70): VU039699.D (-1726) (-)

Ion 95.00 (94.70 to 95.70): VU039699.D (-1726) (-)

Ion 174.00 (173.70 to 174.70): VU039699.D (-1726) (-)

Time-->



Abundance

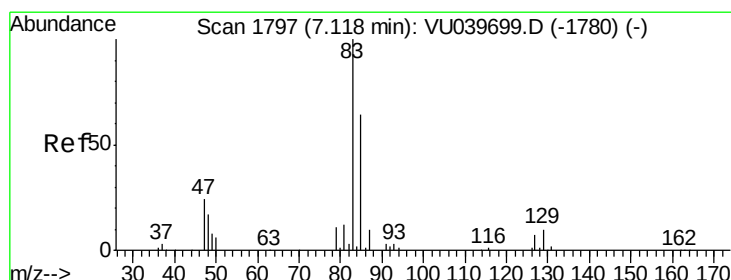
Ion 93.00 (92.70 to 93.70): VU039840.D (-1584) (-)

Ion 95.00 (94.70 to 95.70): VU039840.D (-1584) (-)

Ion 174.00 (173.70 to 174.70): VU039840.D (-1584) (-)

Time-->

8/13/2020 11:35:51 AM



#44

Bromodichloromethane

Concen: 1.763 ug/l

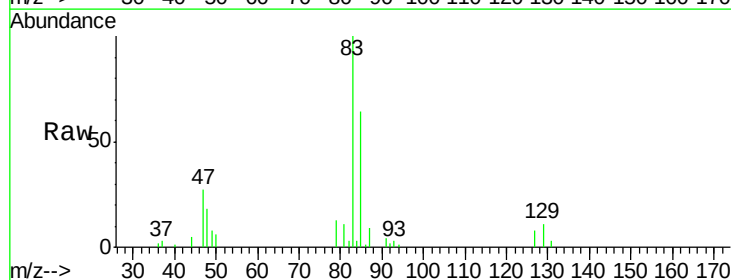
RT: 7.12 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Tgt Ion:	83	Resp:	17418
Ion	Ratio	Lower	Upper
83	100		
85	64.1	50.8	76.2
127	8.4	5.8	8.6

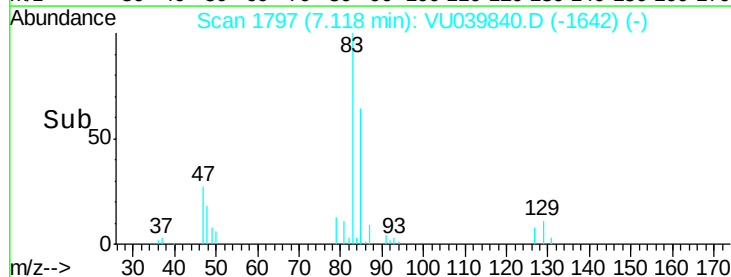


Abundance Ion 83.00 (82.70 to 83.70): VU039699.D (-1780) (-)

Ion 85.00 (84.70 to 85.70): VU039699.D (-1780) (-)

Ion 127.00 (126.70 to 127.70): VU039699.D (-1780) (-)

Time-->



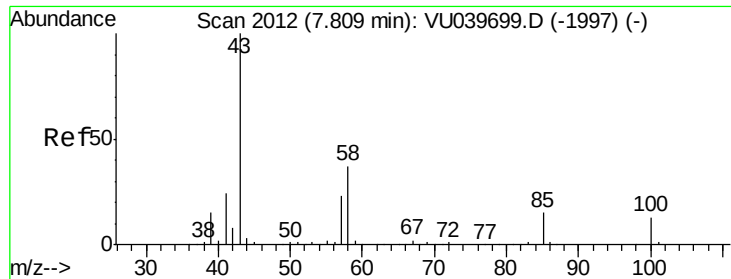
Abundance

Ion 83.00 (82.70 to 83.70): VU039840.D (-1642) (-)

Ion 85.00 (84.70 to 85.70): VU039840.D (-1642) (-)

Ion 127.00 (126.70 to 127.70): VU039840.D (-1642) (-)

Time-->



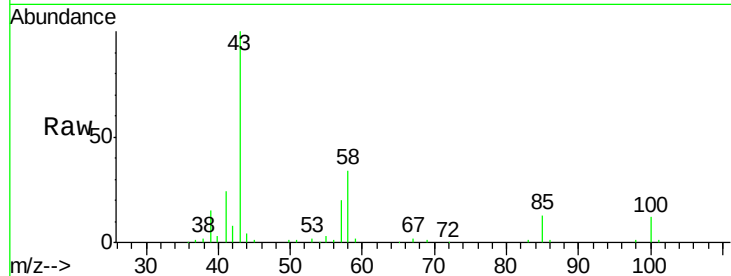
#45
4-Methyl-2-Pentanone
Concen: 7.638 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

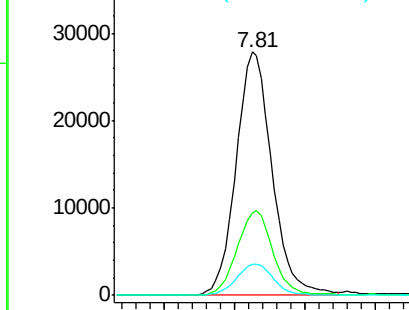
Tot Ion	Ratio	Lower	Upper
43	100		
58	34.5	18.4	55.0
85	13.2	11.8	17.6

Manual Integrations
APPROVED

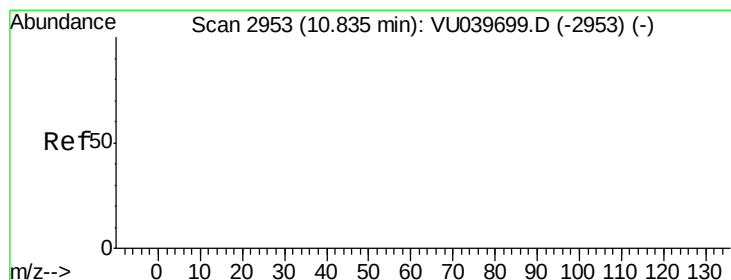
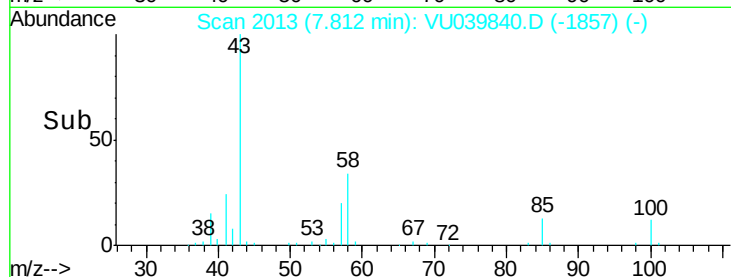
MMDadoda



Abundance Ion 43.00 (42.70 to 43.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 85.00 (84.70 to 85.70): VU0



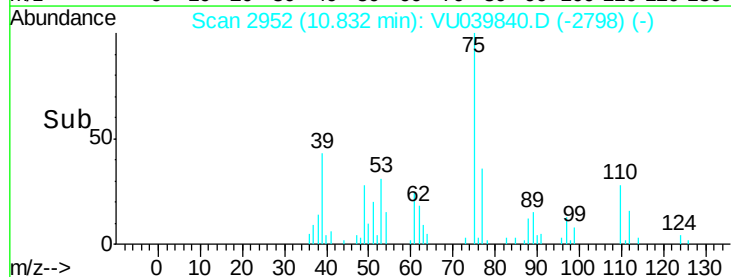
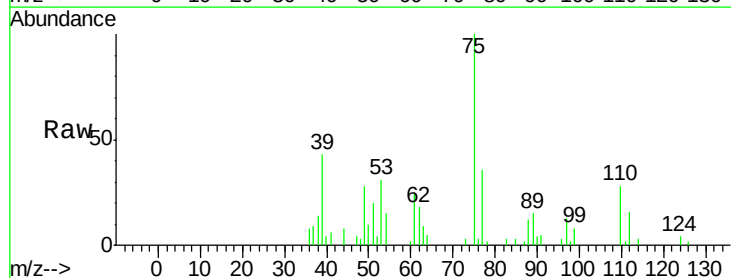
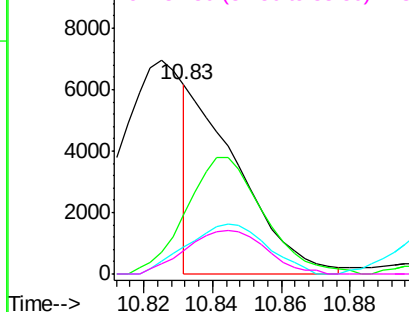
8/13/2020 11:35:51 AM

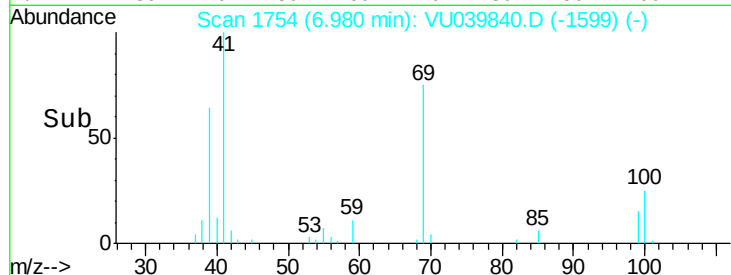
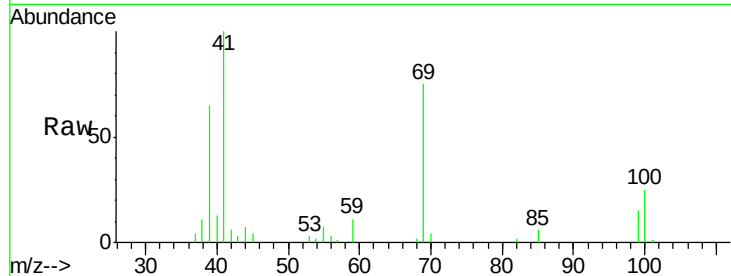
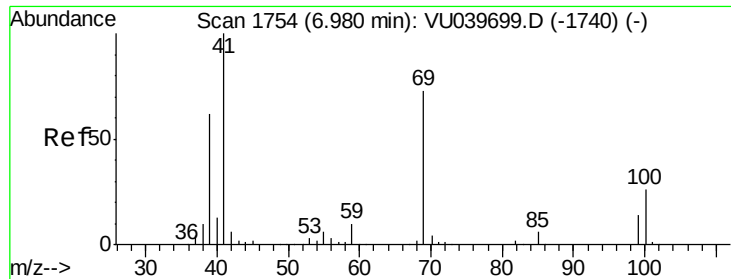


#46
t-1,4-Dichloro-2-butene
Concen: 3.224 ug/l m
RT: 10.83 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.6	78.6	118.0
89	42.3	40.3	60.5
88	36.7	34.0	51.0

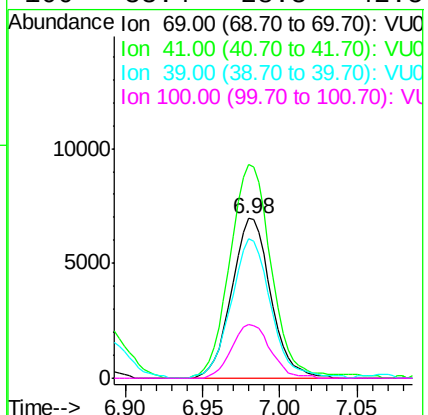
Abundance Ion 74.90 (74.60 to 75.60): VU0
Ion 53.00 (52.70 to 53.70): VU0
Ion 88.80 (88.50 to 89.50): VU0
Ion 87.80 (87.50 to 88.50): VU0





#47
Methyl methacrylate
Concen: 3.044 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tot Ion	Ratio	Lower	Upper
69	100		
41	141.5	0.0	271.6
39	88.4	67.4	101.2
100	33.4	28.3	42.5

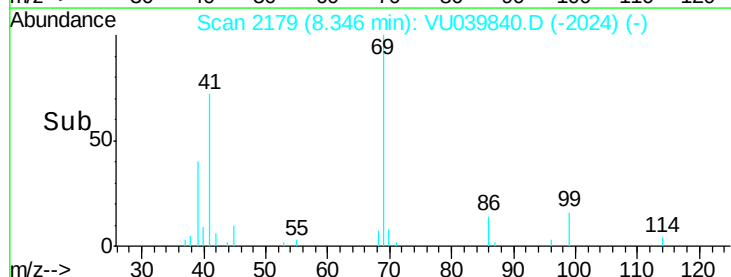
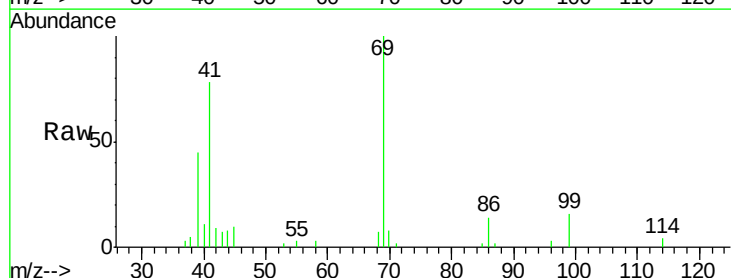
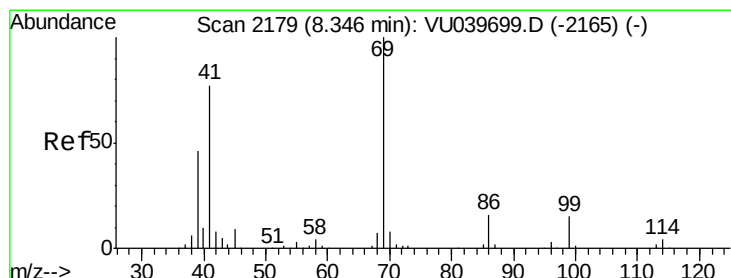


Instrument : MSVOA_U
ClientSampleId : VU0812WBS01

Manual Integrations
APPROVED

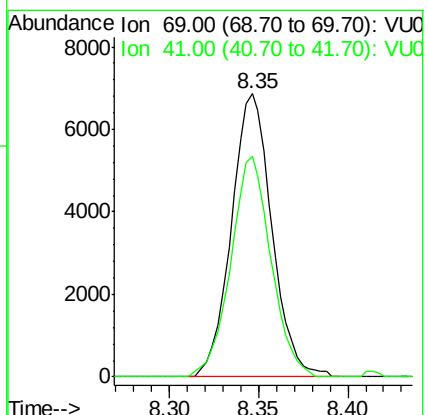
MMDadoda

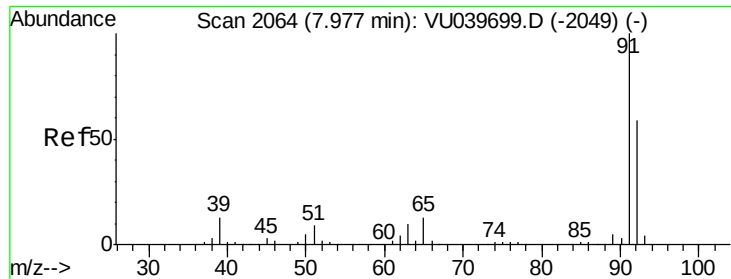
8/13/2020 11:35:51 AM



#48
Ethyl methacrylate
Concen: 1.459 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.4	39.1	117.5





#49

Toluene

Concen: 1.487 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBS01

Tot Ion: 92 Resp: 25712

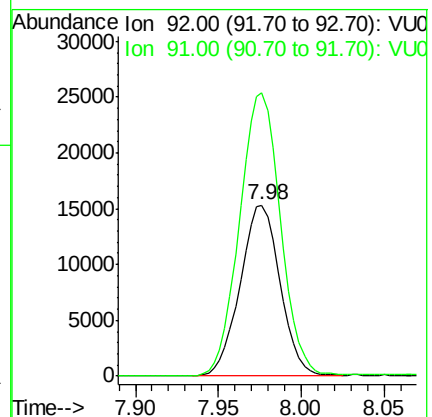
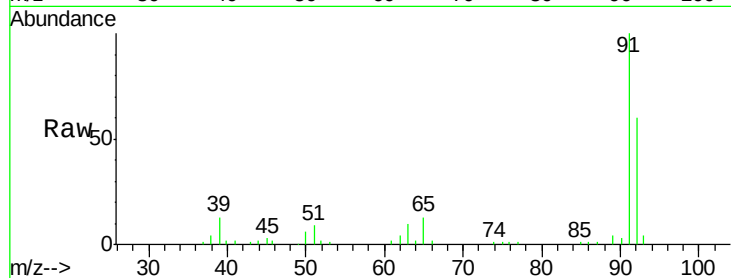
Ion Ratio Lower Upper

92 100

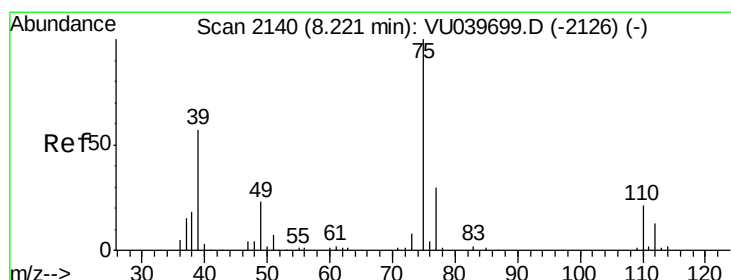
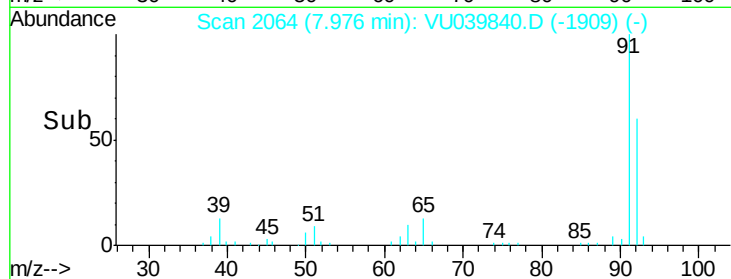
91 170.4 136.1 204.1

Manual Integrations
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8/13/2020 11:35:51 AM



#50

t-1,3-Dichloropropene

Concen: 1.618 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039840.D

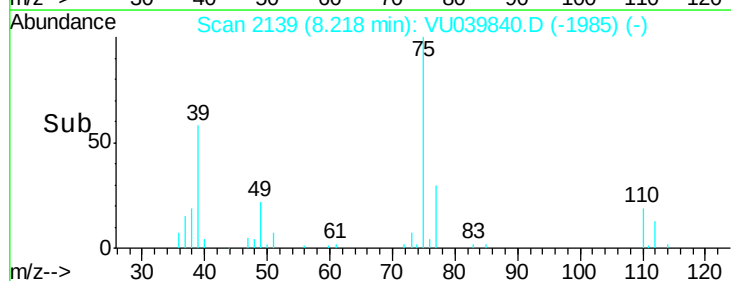
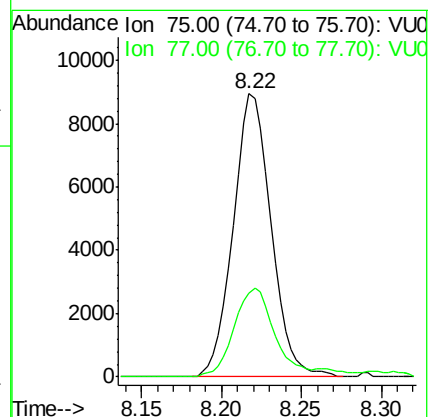
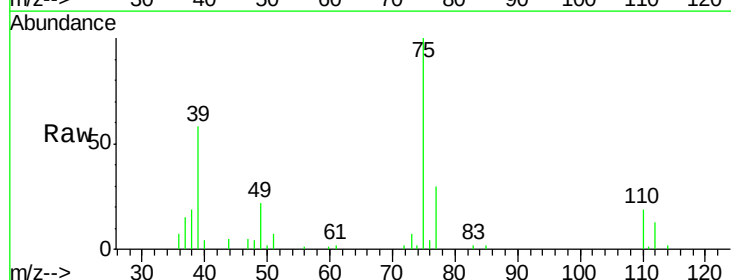
Acq: 12 Aug 2020 12:29

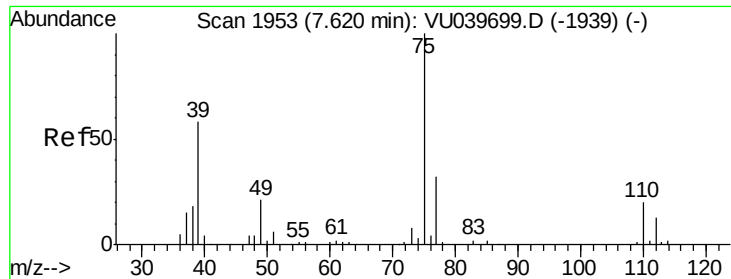
Tgt Ion: 75 Resp: 14395

Ion Ratio Lower Upper

75 100

77 29.7 24.3 36.5





#51

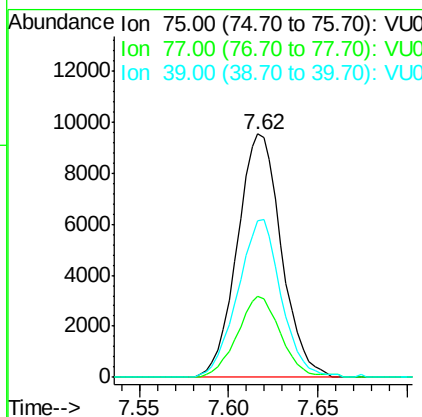
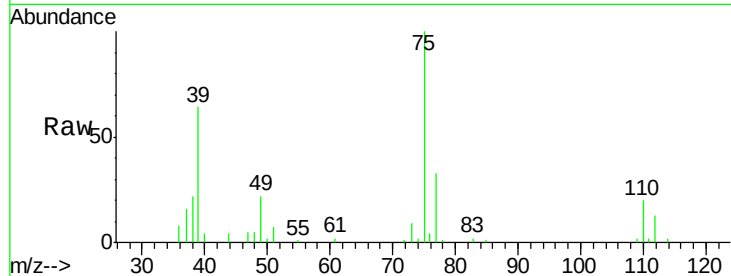
cis-1,3-Dichloropropene
Concen: 1.566 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

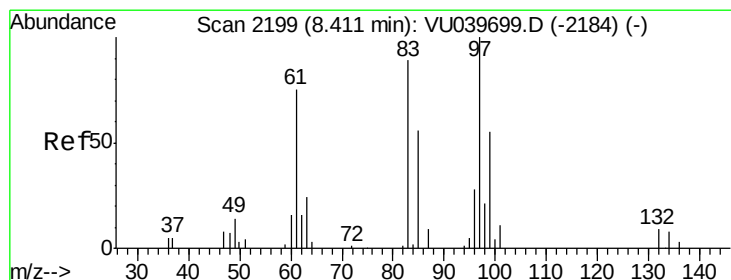
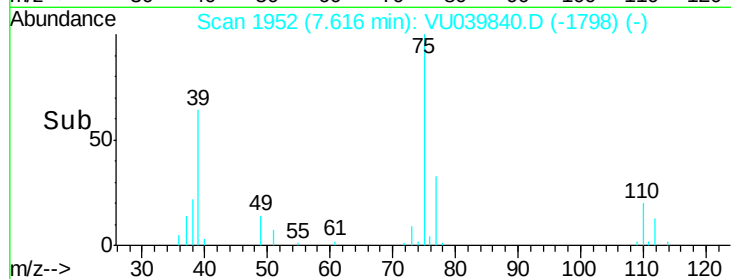
Tot Ion:	75	Resp:	16376
Ion	Ratio	Lower	Upper
75	100		
77	33.3	25.7	38.5
39	64.1	46.1	69.1

Manual Integrations
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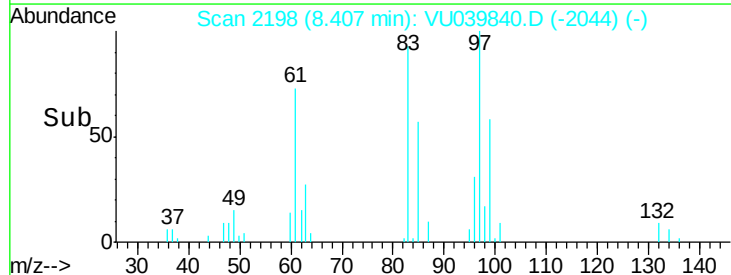
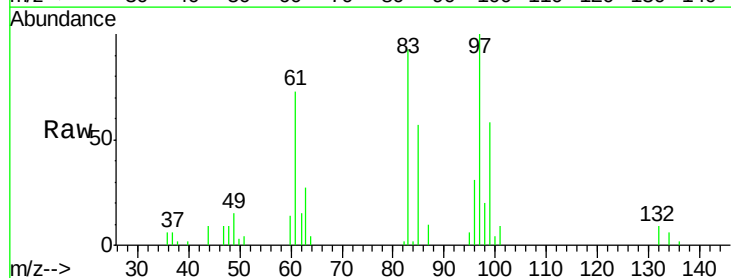
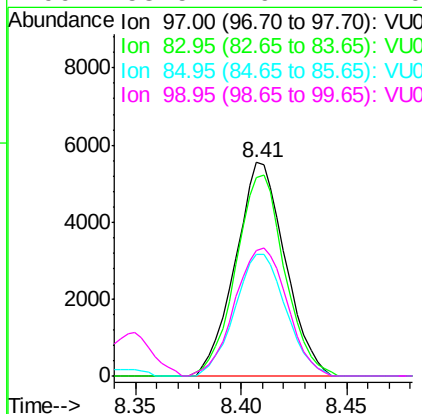
8/13/2020 11:35:51 AM

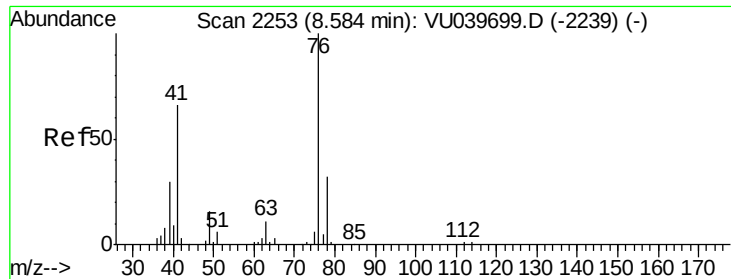


#52

1,1,2-Trichloroethane
Concen: 1.623 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion:	97	Resp:	9084
Ion	Ratio	Lower	Upper
97	100		
83	92.7	71.3	106.9
85	57.2	45.4	68.2
99	58.5	49.4	74.0





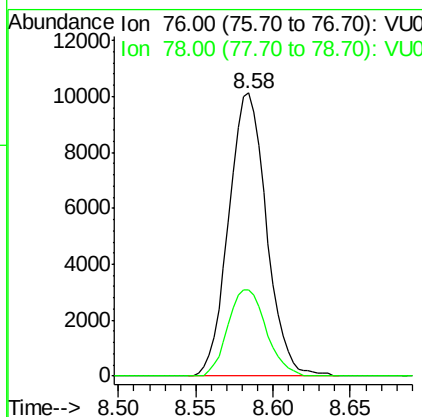
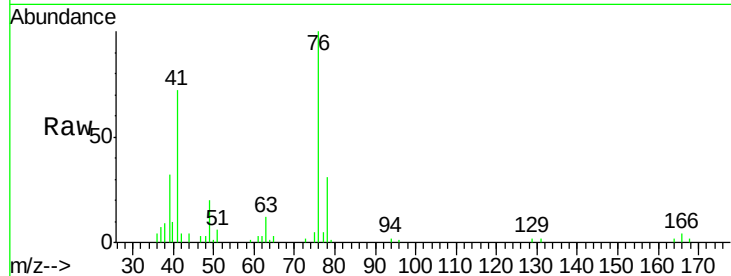
#53
 1,3-Dichloropropane
 Concen: 1.601 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

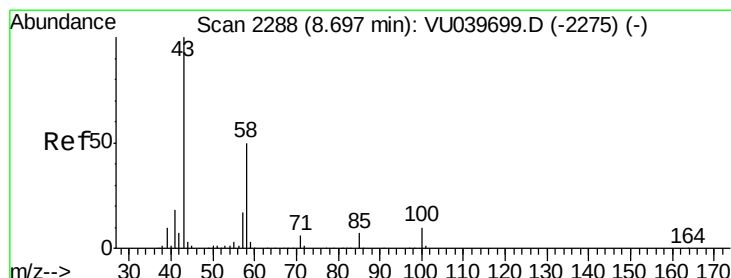
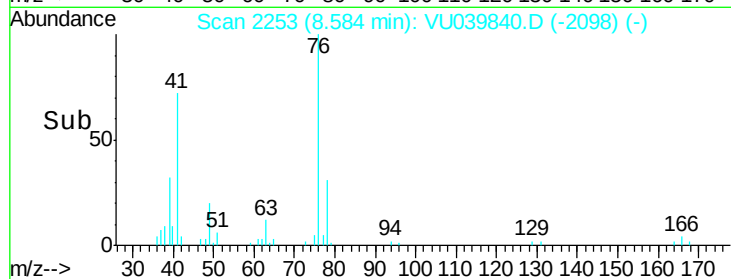
Tot Ion	Ratio	Lower	Upper
76	100		
78	30.8	25.4	38.2

Manual Integrations
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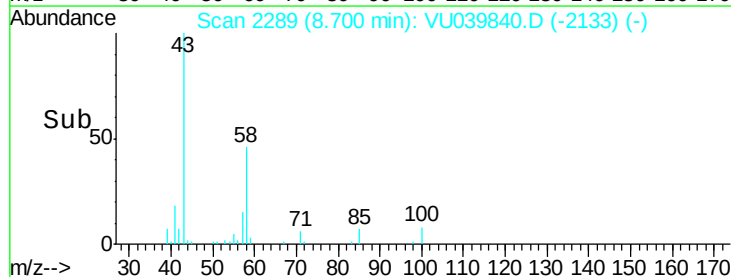
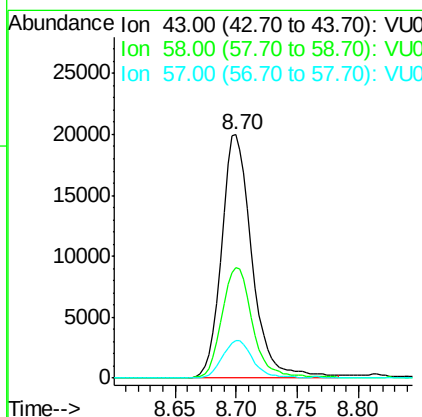
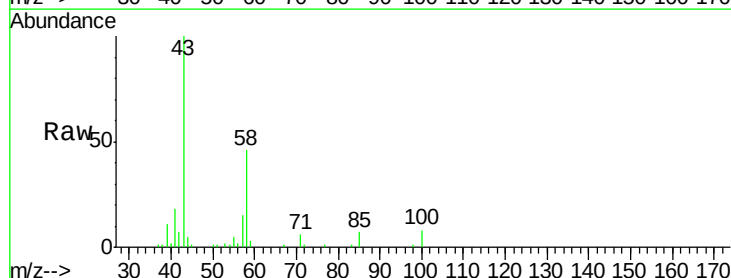


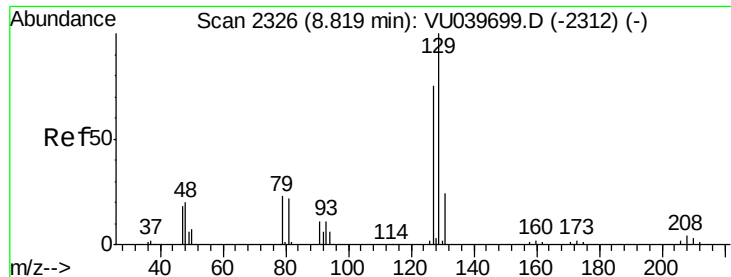
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#54
 2-Hexanone
 Concen: 7.539 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	46.1	29.9	69.9
57	15.3	0.0	37.2





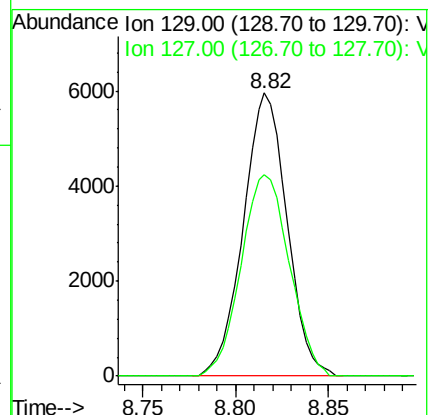
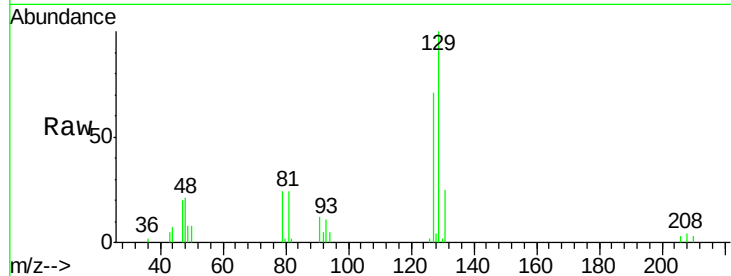
#55
 Dibromochloromethane
 Concen: 1.620 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

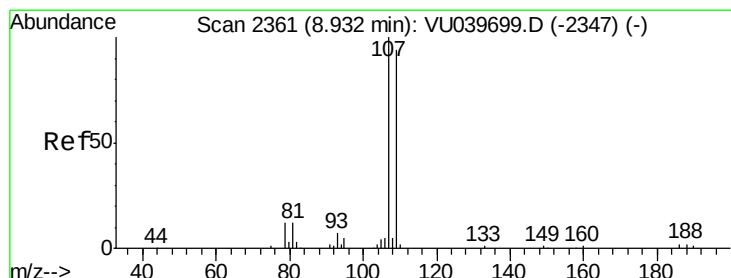
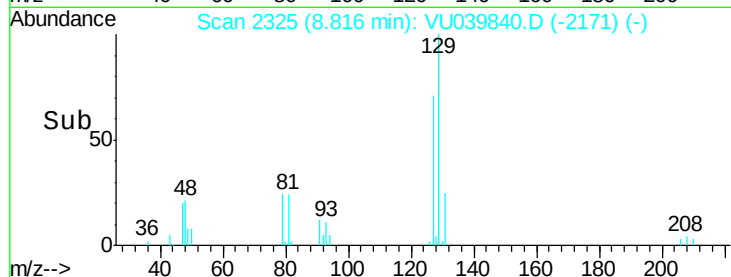
Tot Ion	Ratio	Lower	Upper
129	100		
127	78.7	62.4	93.6

Manual Integrations
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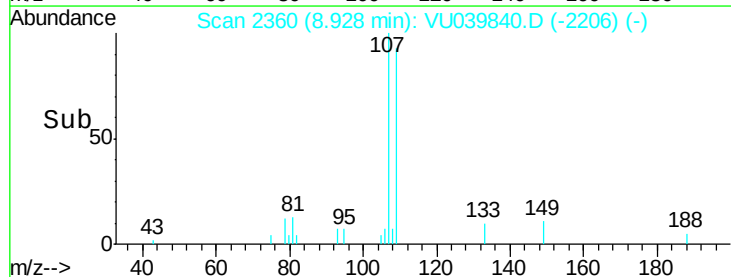
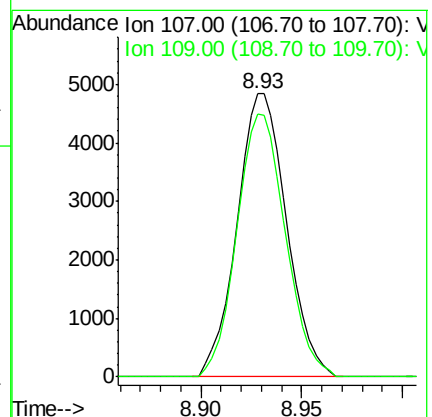
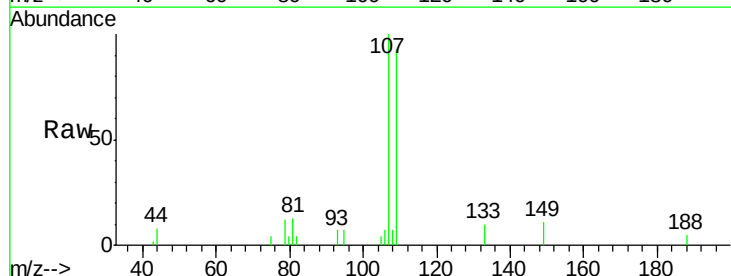


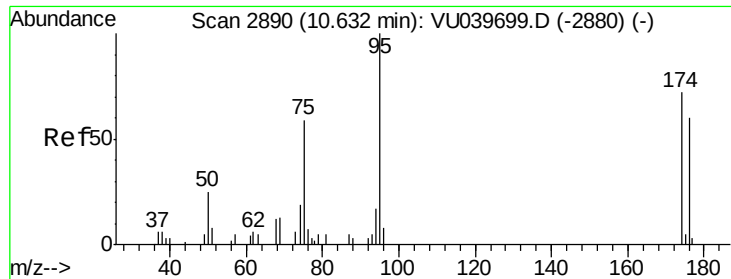
8/13/2020 11:35:51 AM



#56
 1,2-Dibromoethane
 Concen: 1.541 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
107	100		
109	91.0	0.0	185.2





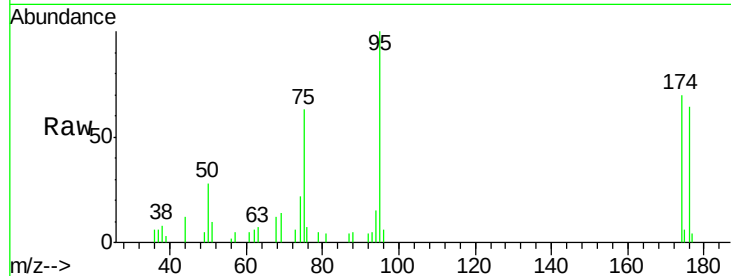
#57
4-Bromofluorobenzene
Concen: 0.794 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

Tot Ion	Ratio	Lower	Upper
95	100		
174	71.4	57.0	85.4
176	65.1	50.2	75.2

Manual Integrations
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MMDadoda

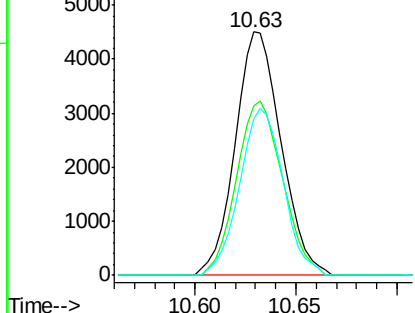


Abundance

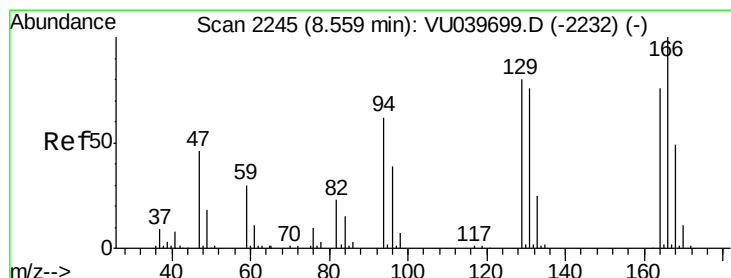
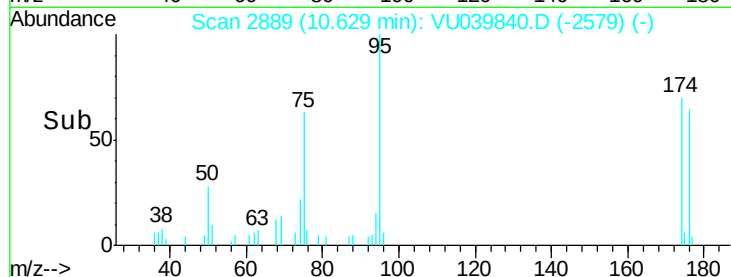
Ion 95.00 (94.70 to 95.70): VU039840.D (-2579) (-)

Ion 174.00 (173.70 to 174.70): VU039840.D (-2579) (-)

Ion 176.00 (175.70 to 176.70): VU039840.D (-2579) (-)



8/13/2020 11:35:51 AM



#58
Tetrachloroethene
Concen: 1.785 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	115.2	104.8	157.2
129	96.8	84.1	126.1
131	95.3	80.1	120.1

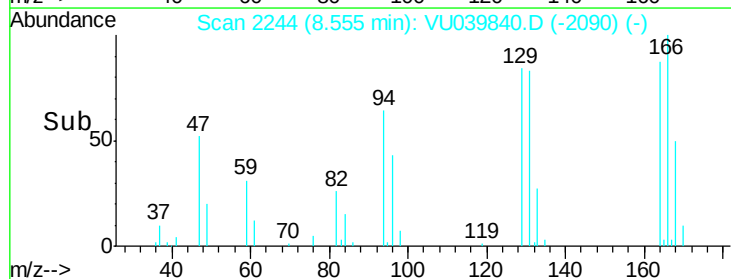
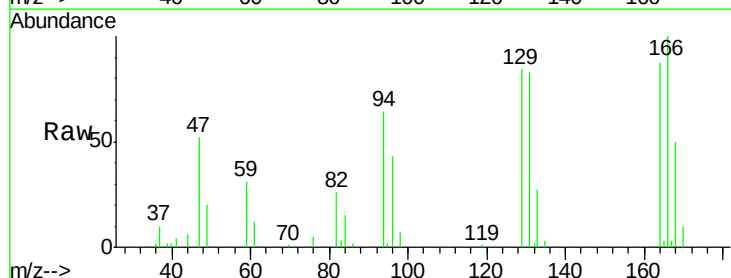
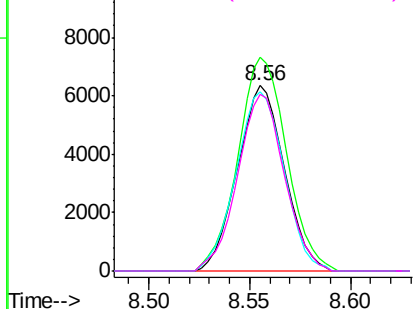
Abundance

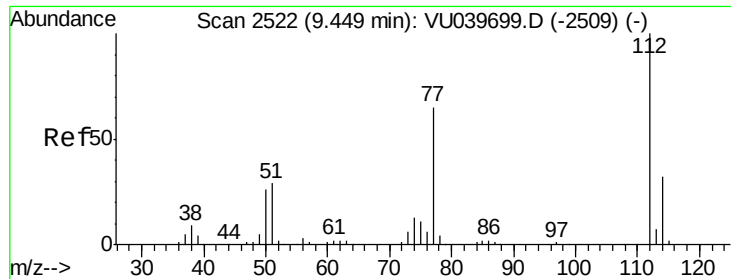
Ion 163.85 (163.55 to 164.55): VU039840.D (-2090) (-)

Ion 165.80 (165.50 to 166.50): VU039840.D (-2090) (-)

Ion 128.90 (128.60 to 129.60): VU039840.D (-2090) (-)

Ion 130.90 (130.60 to 131.60): VU039840.D (-2090) (-)





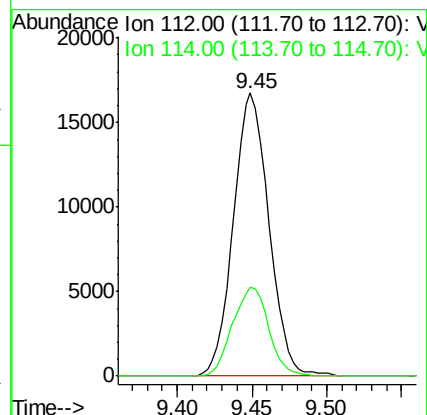
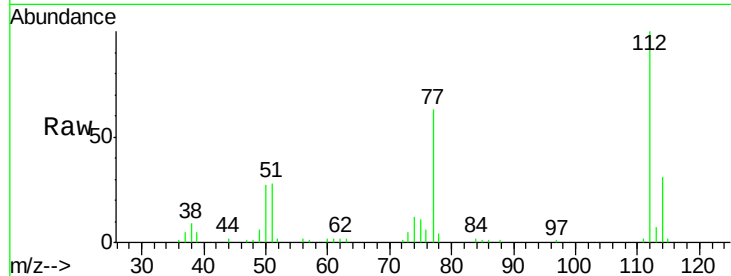
#59
Chlorobenzene
Concen: 1.551 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

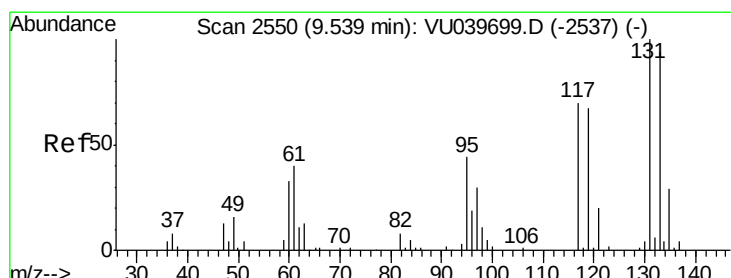
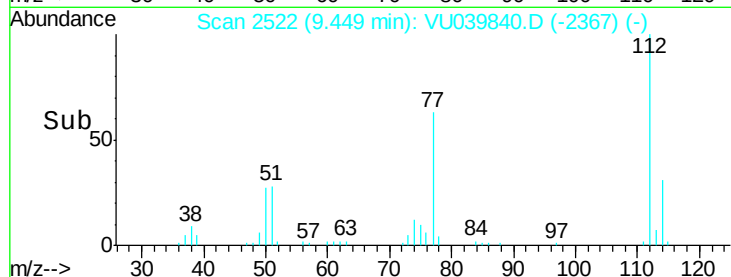
Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.8	38.6

Manual Integrations
APPROVED

MMDadoda

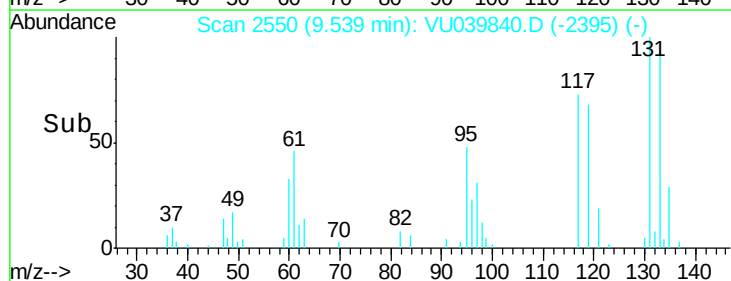
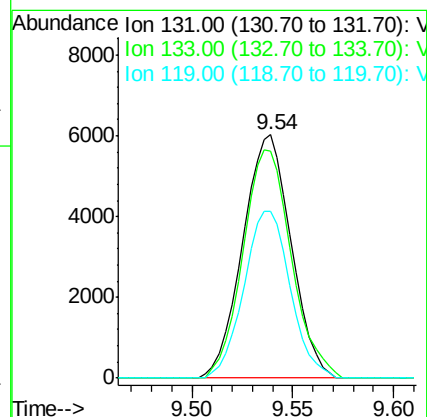
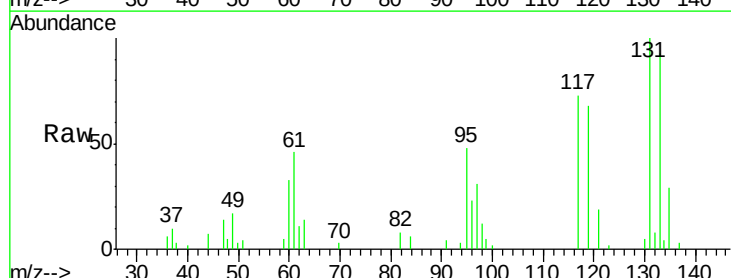


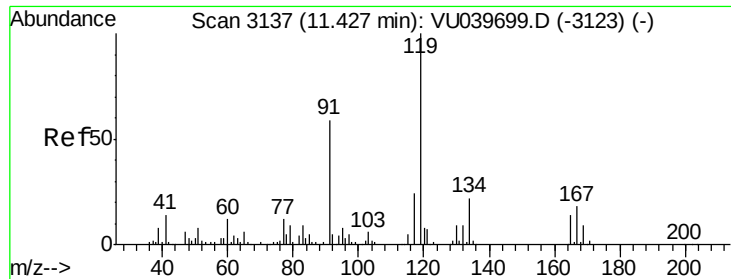
8/13/2020 11:35:51 AM



#60
1,1,1,2-Tetrachloroethane
Concen: 1.677 ug/l
RT: 9.54 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.0	75.8	113.8
119	66.0	54.6	81.8





#61

Pentachloroethane

Concen: 1.544 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBS01

Tot Ion:117 Resp: 8175

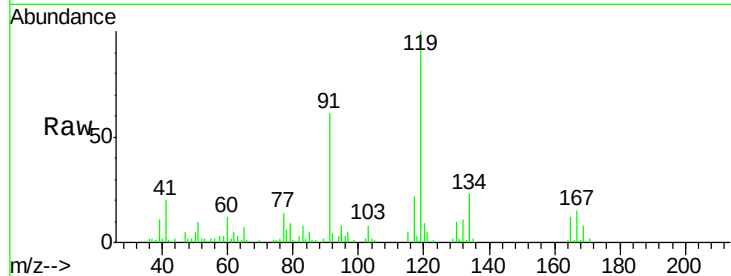
Ion Ratio Lower Upper

117 100

167 63.3 56.6 85.0

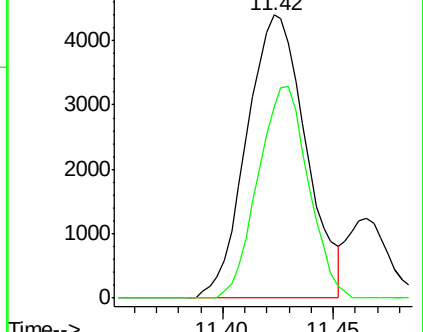
Manual Integrations
APPROVED

MMDadoda

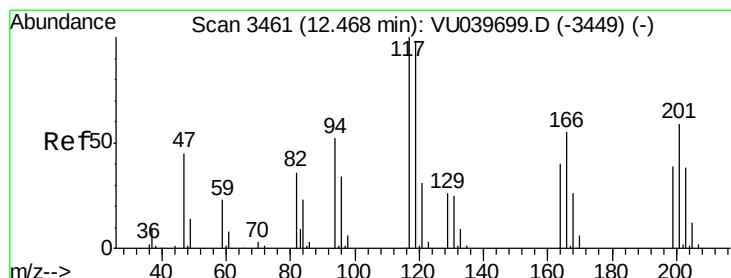
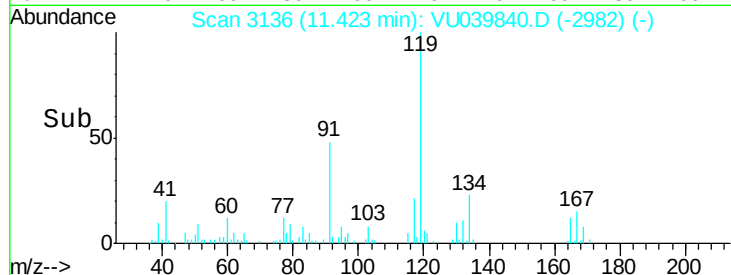


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



8/13/2020 11:35:51 AM



#62

Hexachloroethane

Concen: 1.598 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU039840.D

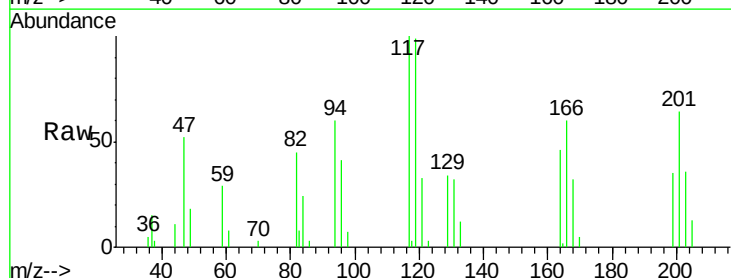
Acq: 12 Aug 2020 12:29

Tgt Ion:117 Resp: 7755

Ion Ratio Lower Upper

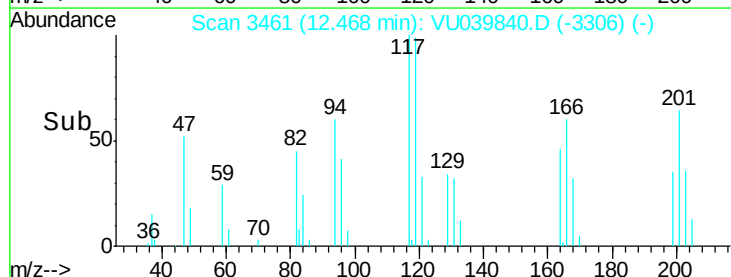
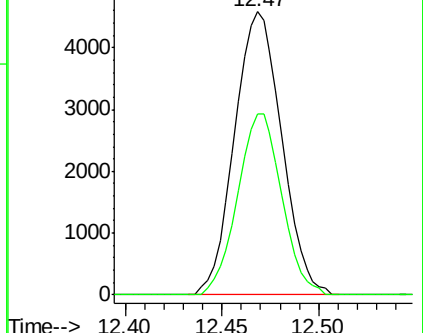
117 100

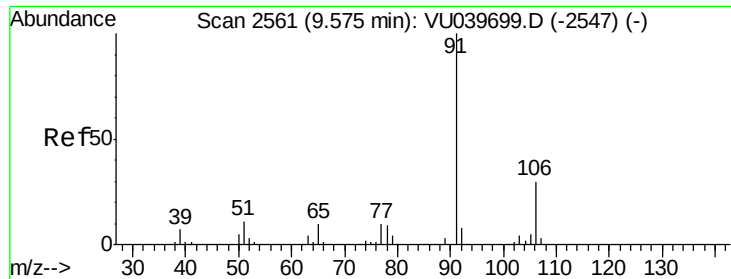
201 60.0 48.1 72.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





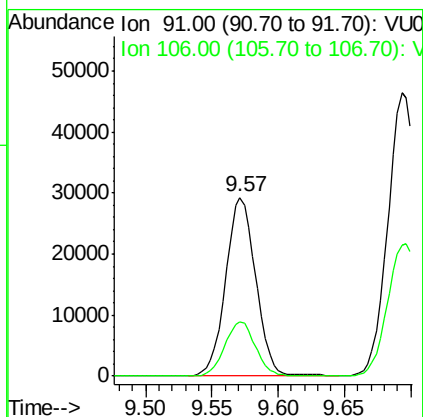
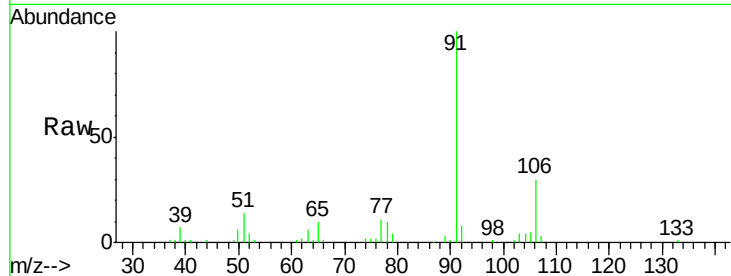
#63
Ethyl Benzene
Concen: 1.446 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

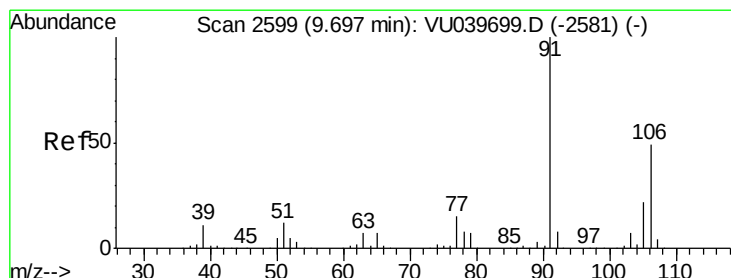
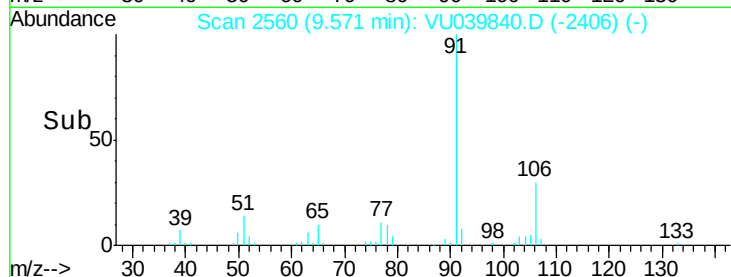
Tot Ion: 91 Resp: 46339
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.4

Manual Integrations
APPROVED

MMDadoda

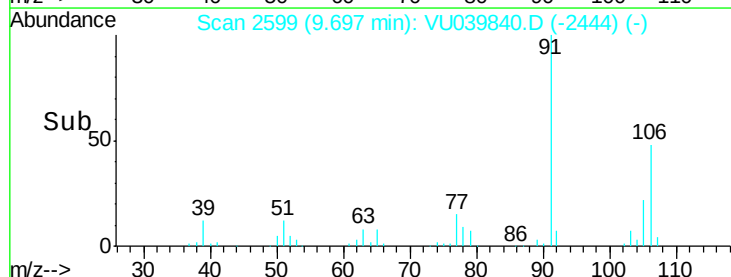
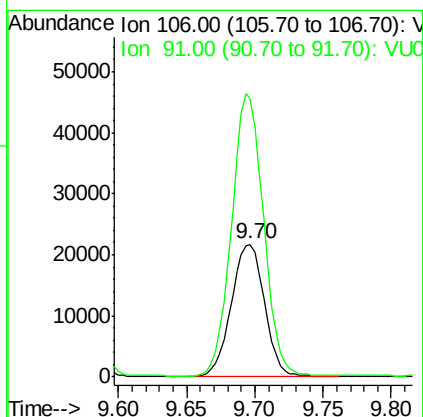
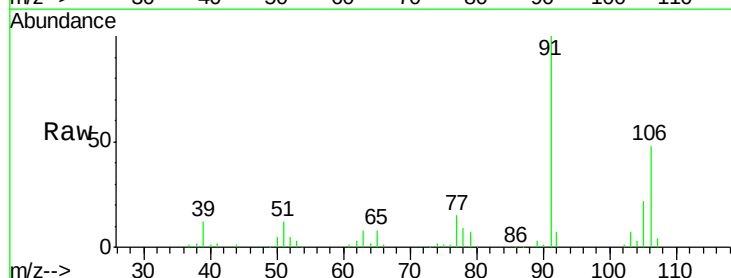


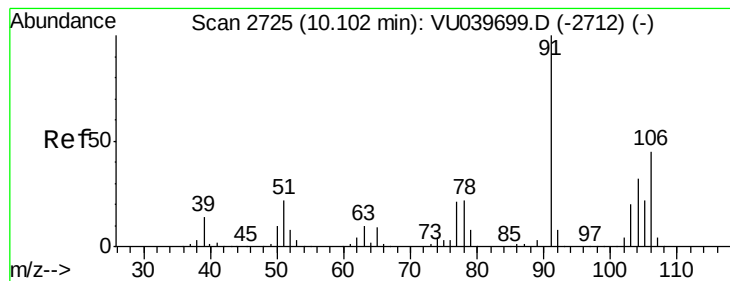
8/13/2020 11:35:51 AM



#64
m/p-Xylenes
Concen: 2.956 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion: 106 Resp: 37004
Ion Ratio Lower Upper
106 100
91 204.3 163.9 245.9





#65

o-Xylene

Concen: 1.480 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBS01

Tot Ion:106 Resp: 17585

Ion Ratio Lower Upper

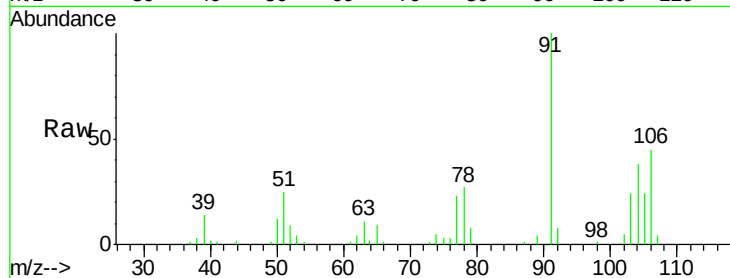
106 100

91 220.3 110.3 331.0

Manual Integrations

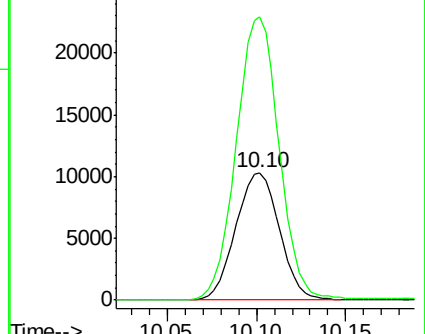
APPROVED

MMDadoda

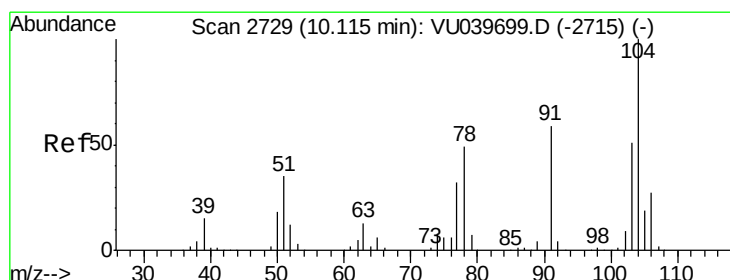
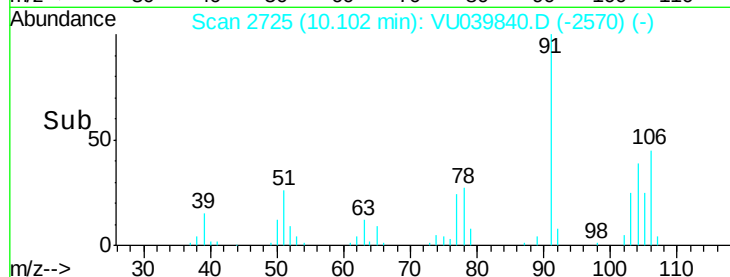


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



8/13/2020 11:35:51 AM



#66

Styrene

Concen: 1.454 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

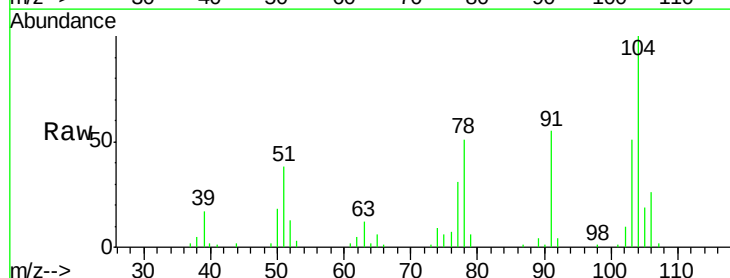
Tgt Ion:104 Resp: 29622

Ion Ratio Lower Upper

104 100

78 56.2 42.2 63.4

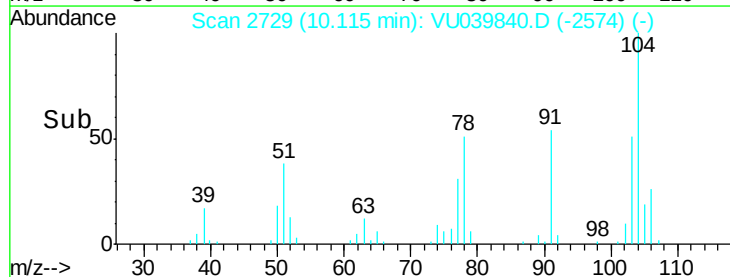
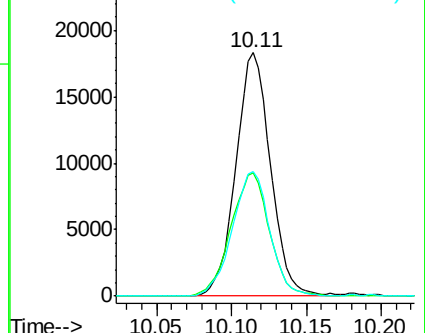
103 54.7 43.4 65.2

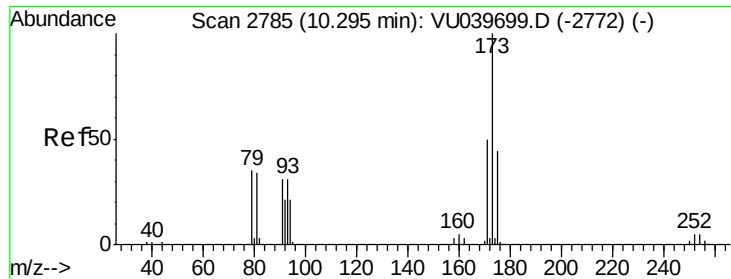


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 1.568 ug/l

RT: 10.29 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

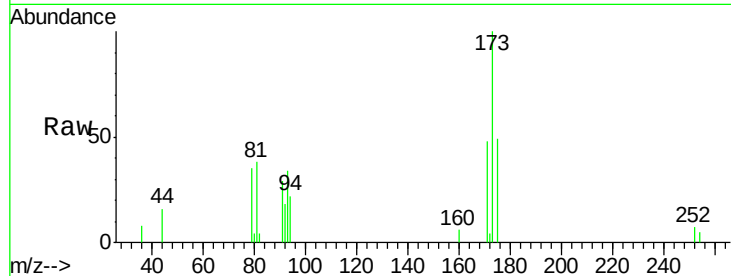
ClientSampleId :

VU0812WBS01

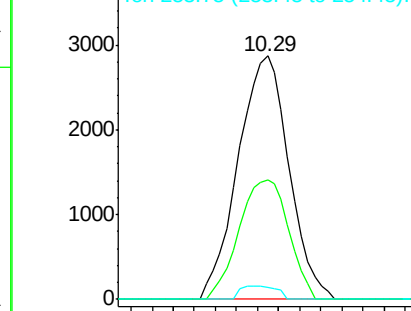
Tot Ion:	173	Resp:	4806
Ion	Ratio	Lower	Upper
173	100		
175	47.7	36.7	55.1
254	3.9	3.8	5.8

Manual Integrations
APPROVED

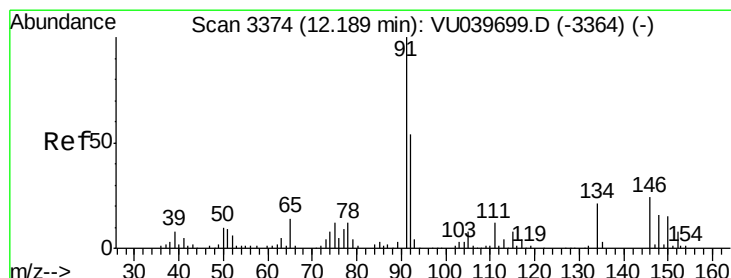
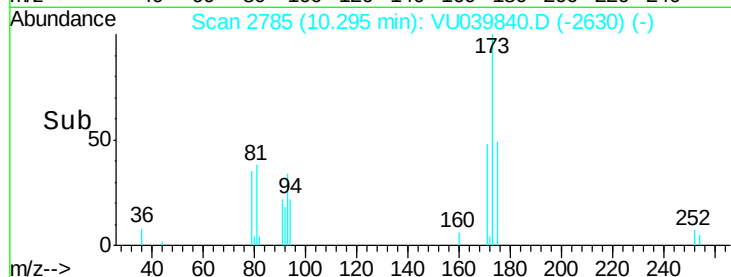
MMDadoda



Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



8/13/2020 11:35:51 AM



#68

1,2-Dichlorobenzene-d4

Concen: 0.755 ug/l

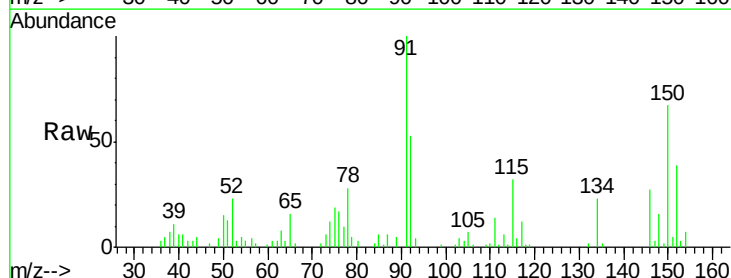
RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

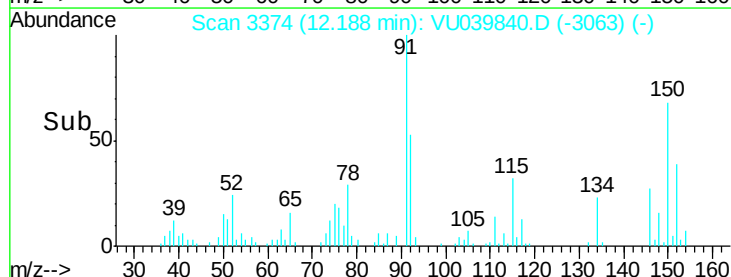
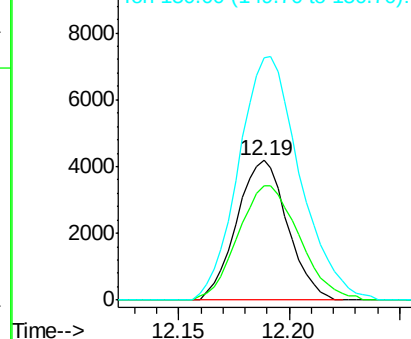
Lab File: VU039840.D

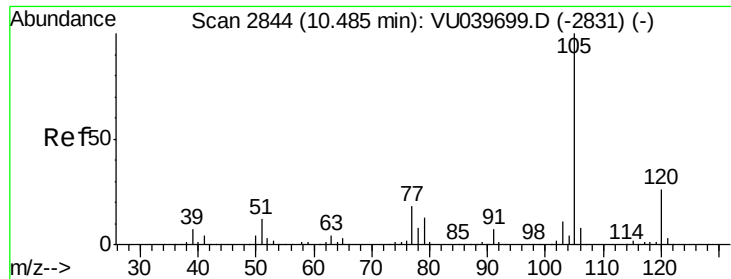
Acq: 12 Aug 2020 12:29

Tgt Ion:	152	Resp:	6705
Ion	Ratio	Lower	Upper
152	100		
115	98.5	0.0	302.4
150	209.8	0.0	645.8



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.463 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBS01

Tot Ion:105 Resp: 46455

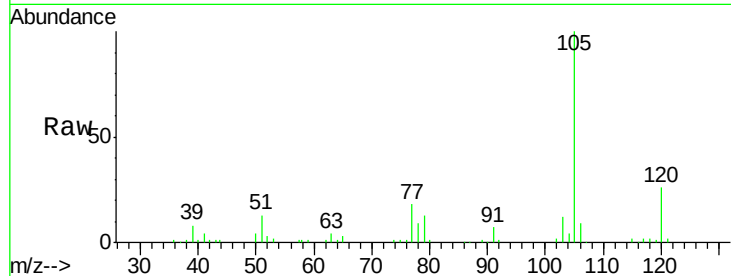
Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.4

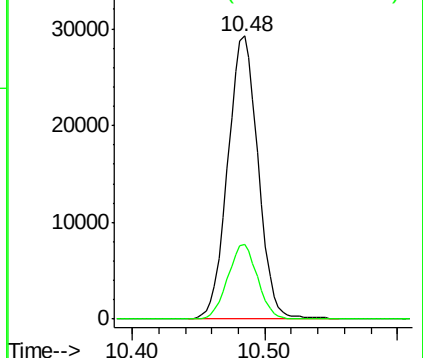
Manual Integrations
APPROVED

MMDadoda

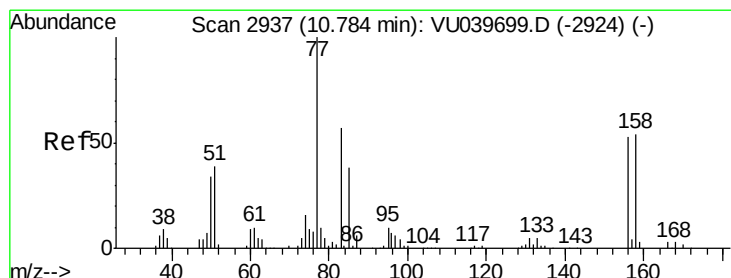
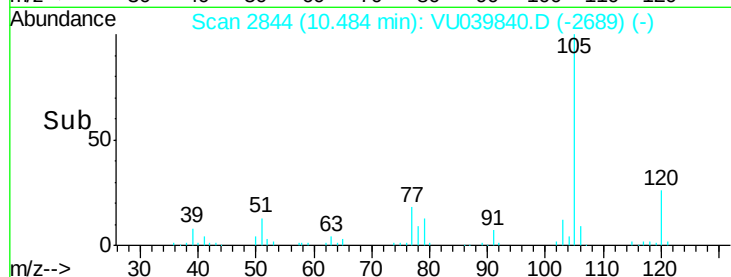


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



8/13/2020 11:35:51 AM



#70

1,1,2,2-Tetrachloroethane

Concen: 1.677 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

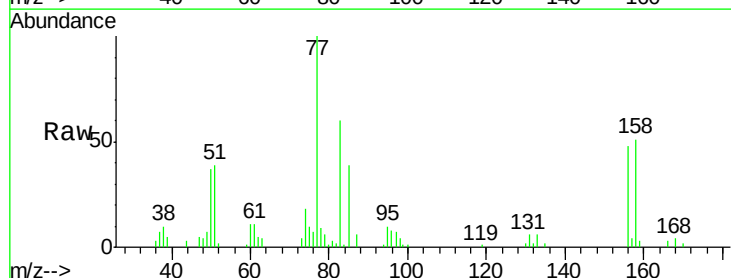
Tgt Ion: 83 Resp: 13511

Ion Ratio Lower Upper

83 100

131 8.2 7.0 10.6

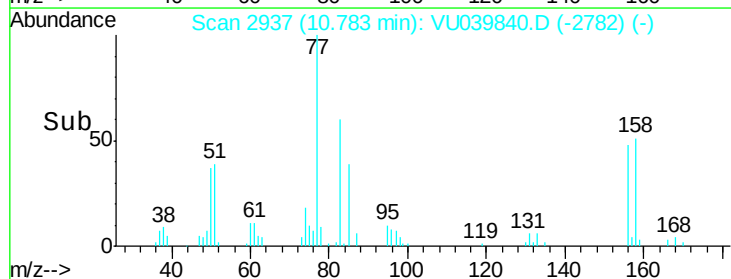
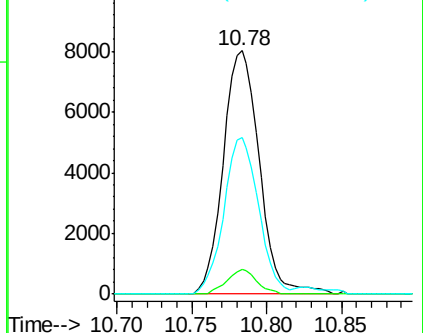
85 61.6 50.6 75.8

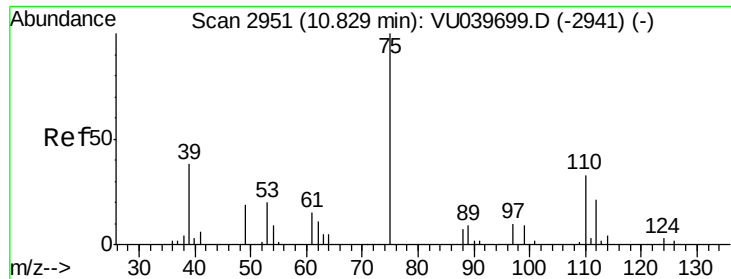


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





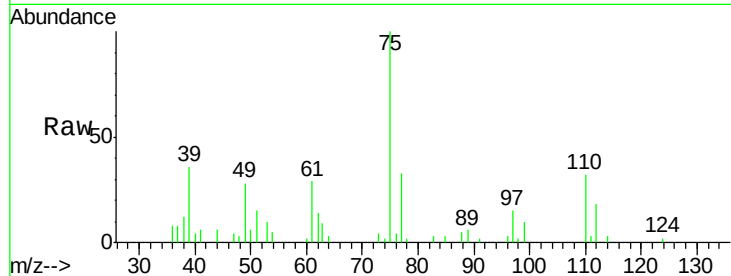
#71
 1,2,3-Trichloropropane
 Concen: 1.806 ug/l m
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
75	100				
77	46.5	0.0	91.0		
110	31.7	0.0	64.2		
97	17.0	0.0	32.6		

Manual Integrations
 APPROVED

MMDadoda



Abundance

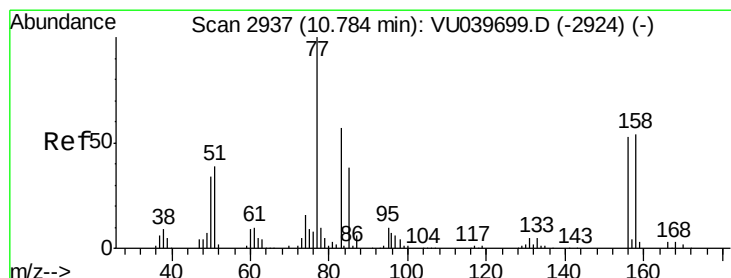
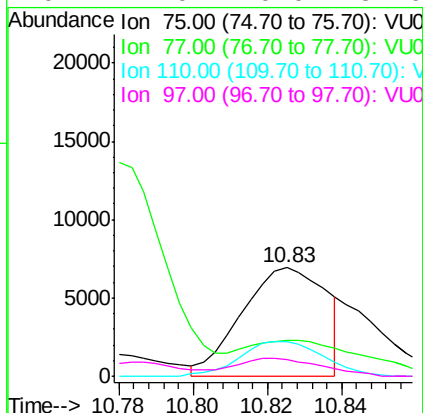
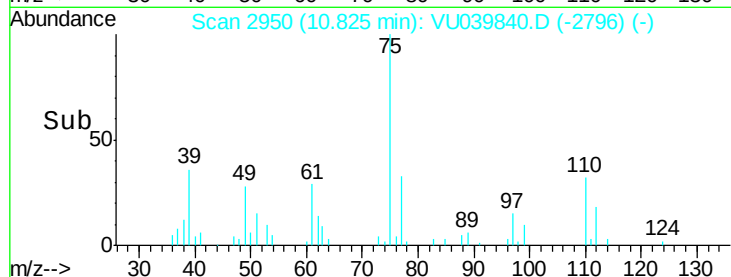
Ion 75.00 (74.70 to 75.70): VU039699.D (-2941) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2941) (-)

Ion 110.00 (109.70 to 110.70): VU039699.D (-2941) (-)

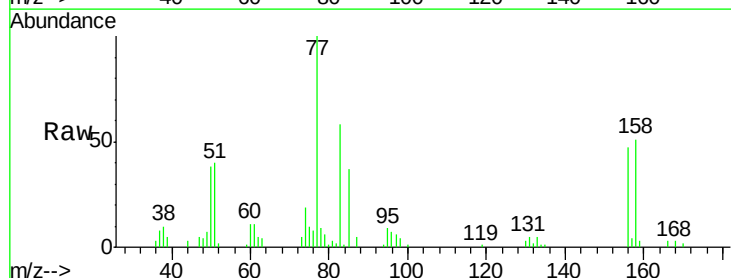
Ion 97.00 (96.70 to 97.70): VU039699.D (-2941) (-)

8/13/2020 11:35:51 AM



#72
 Bromobenzene
 Concen: 1.486 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	211.9	0.0	385.2		
158	105.7	0.0	200.8		

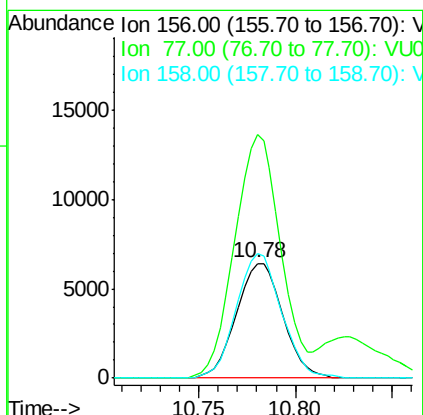
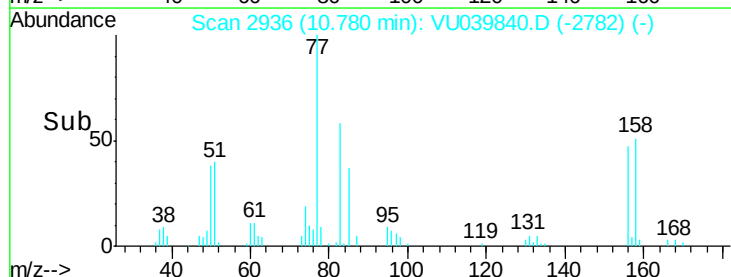


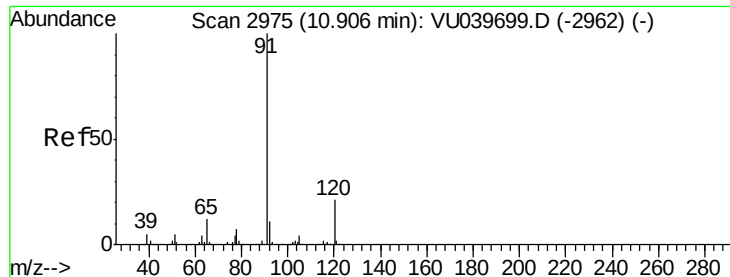
Abundance

Ion 156.00 (155.70 to 156.70): VU039699.D (-2924) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2924) (-)

Ion 158.00 (157.70 to 158.70): VU039699.D (-2924) (-)





#73

n-propylbenzene

Concen: 1.463 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBS01

Tot Ion:120 Resp: 13054

Ion Ratio Lower Upper

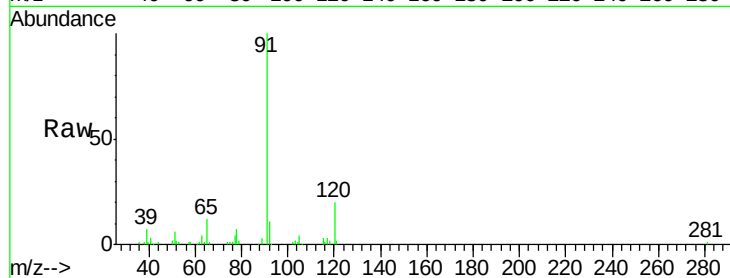
120 100

91 475.3 371.7 557.5

Manual Integrations

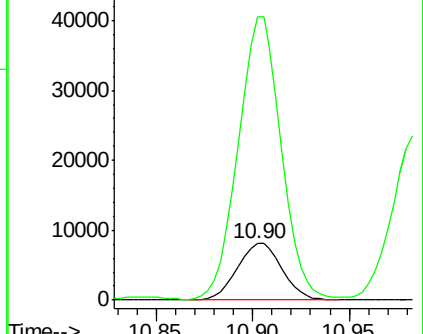
APPROVED

MMDadoda

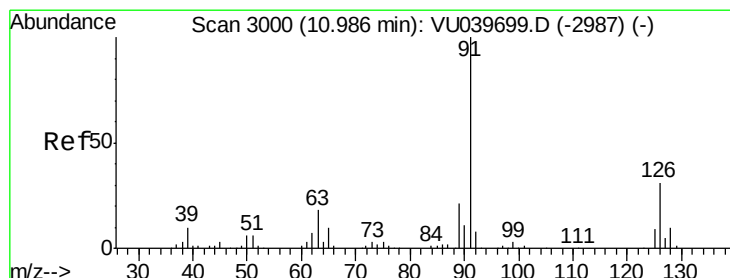
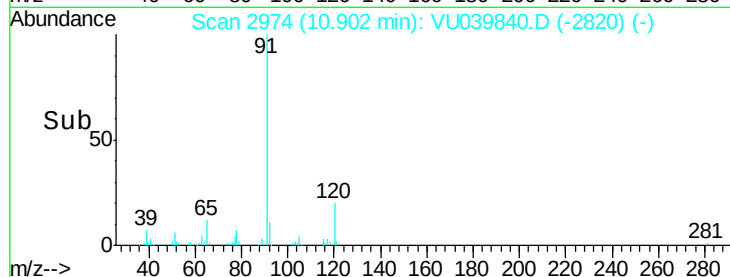


Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



8/13/2020 11:35:51 AM



#74

2-Chlorotoluene

Concen: 1.514 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU039840.D

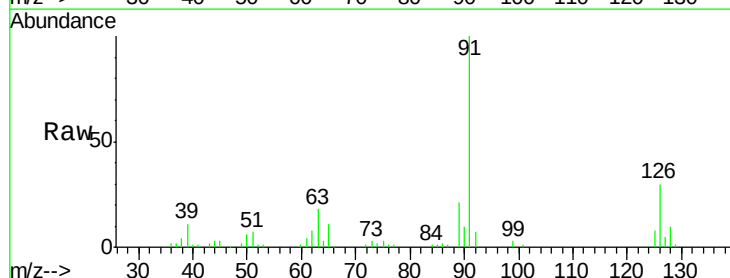
Acq: 12 Aug 2020 12:29

Tgt Ion:126 Resp: 11415

Ion Ratio Lower Upper

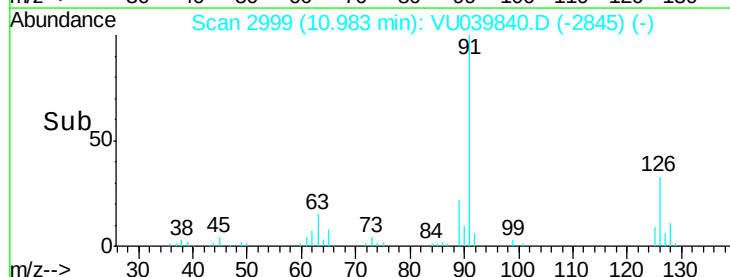
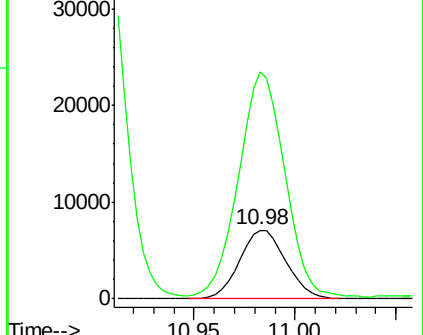
126 100

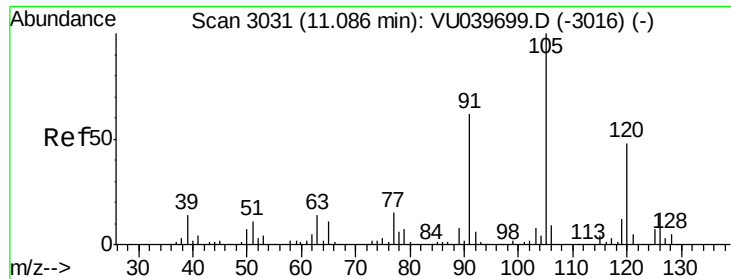
91 325.8 0.0 637.0



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: 1.494 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampleId :

VU0812WBS01

Tot Ion:105 Resp: 41010

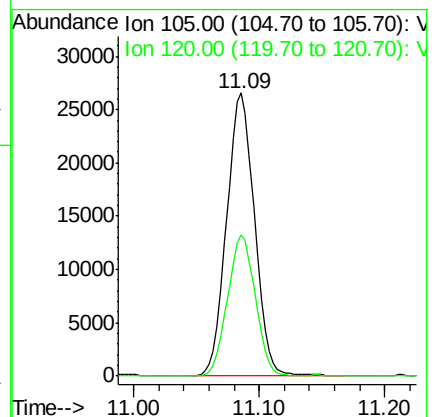
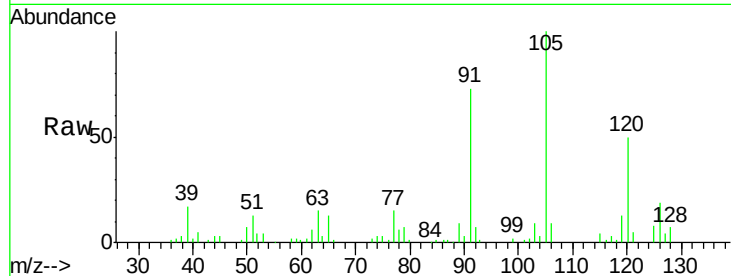
Ion Ratio Lower Upper

105 100

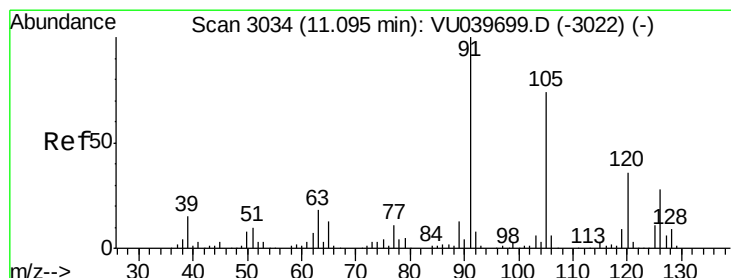
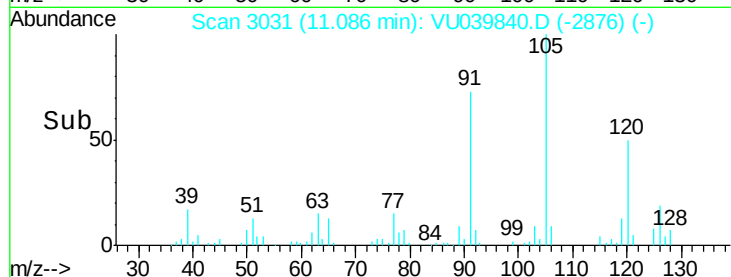
120 49.3 38.0 57.0

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8/13/2020 11:35:51 AM



#76

4-Chlorotoluene

Concen: 1.633 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039840.D

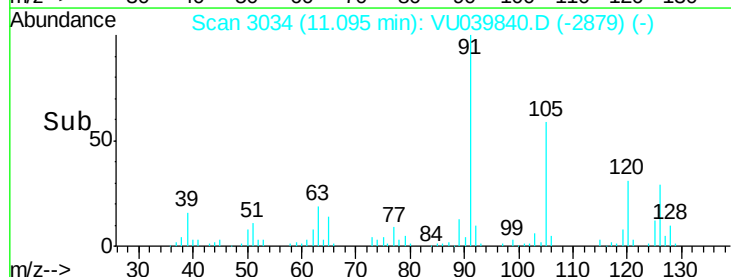
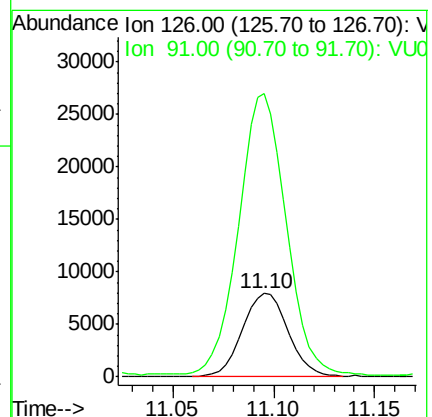
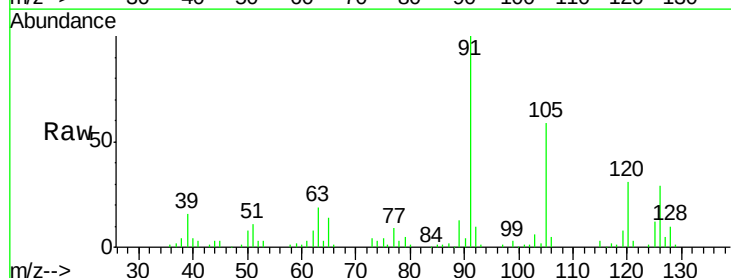
Acq: 12 Aug 2020 12:29

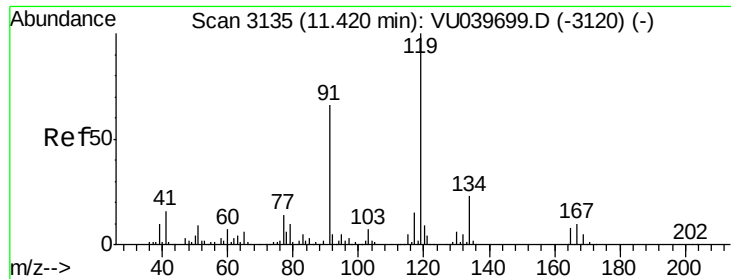
Tgt Ion:126 Resp: 12755

Ion Ratio Lower Upper

126 100

91 345.0 0.0 732.2





#77

tert-Butylbenzene

Concen: 1.465 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU039840.D

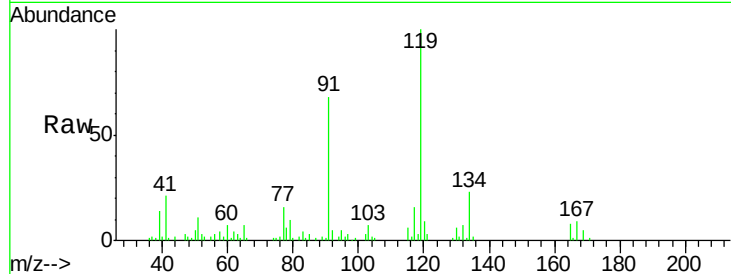
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	38571		
91	65.7		31.9	95.5
134	22.6		18.2	27.4

Manual Integrations
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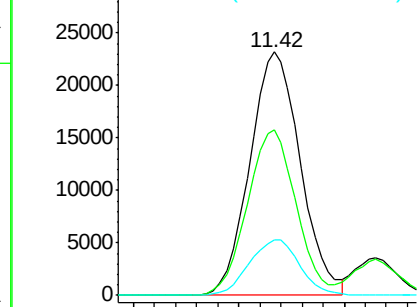


Abundance

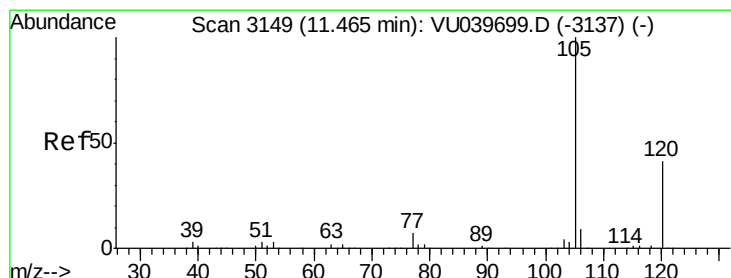
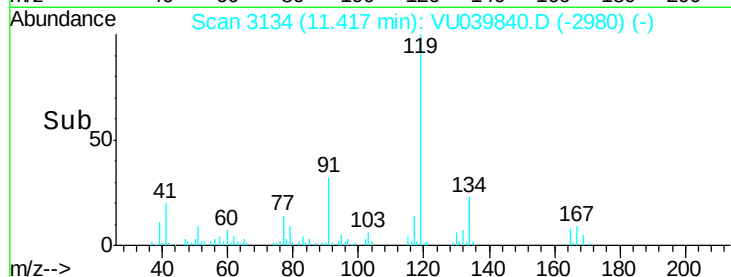
Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



8/13/2020 11:35:51 AM



#78

1,2,4-Trimethylbenzene

Concen: 1.539 ug/l

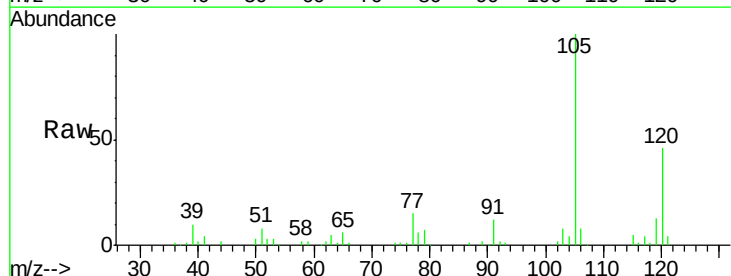
RT: 11.47 min Scan# 3149

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

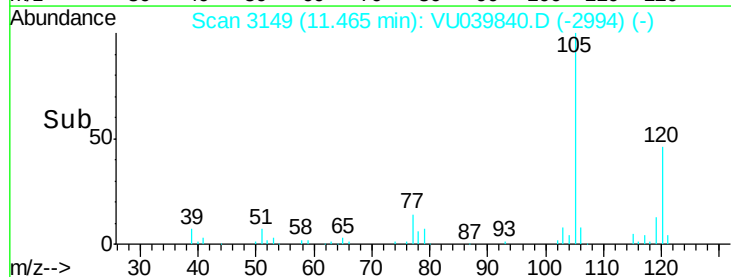
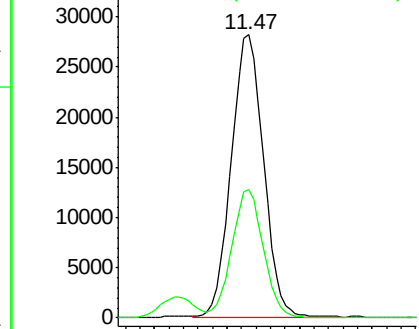
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	43315		
120	44.8		22.7	68.0

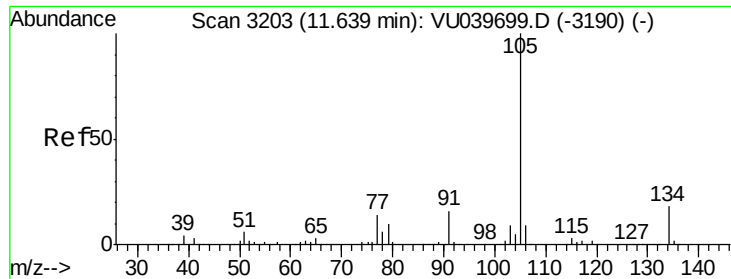


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.523 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

Instrument :

MSVOA_U

ClientSampled :

VU0812WBS01

Tot Ion: 105 Resp: 57077

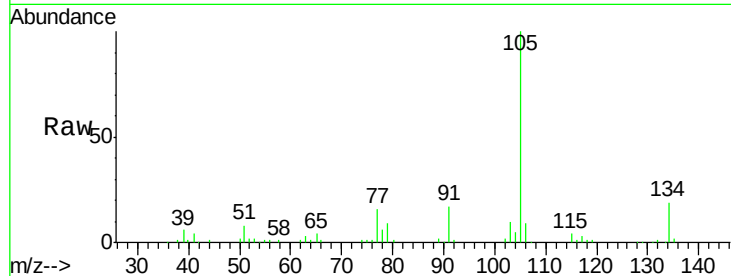
Ion Ratio Lower Upper

105 100

134 19.5 14.8 22.2

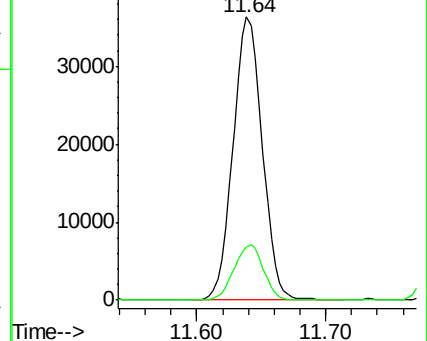
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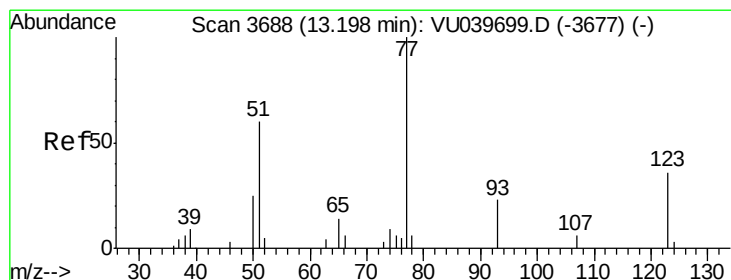
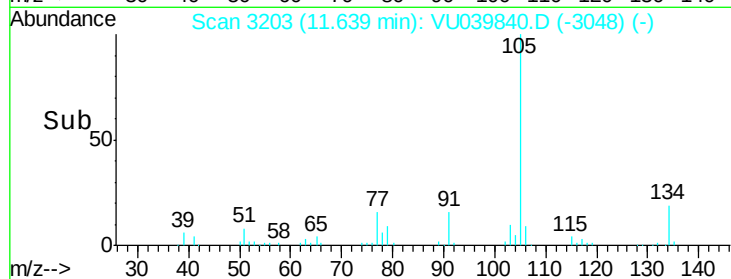


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



8/13/2020 11:35:51 AM



#80

Nitrobenzene

Concen: 11.126 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU039840.D

Acq: 12 Aug 2020 12:29

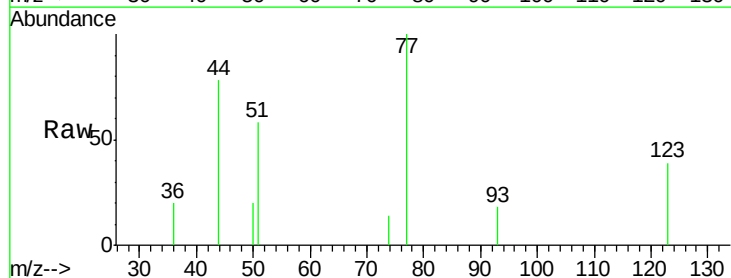
Tgt Ion: 77 Resp: 1517

Ion Ratio Lower Upper

77 100

123 35.1 16.9 59.9

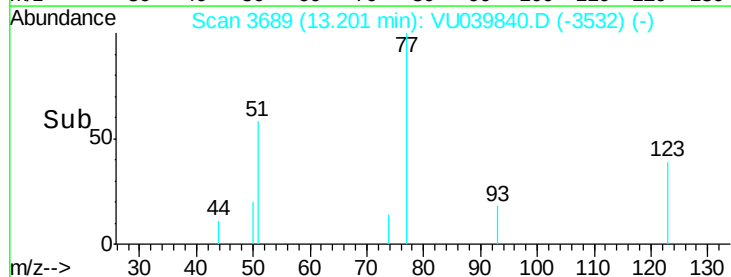
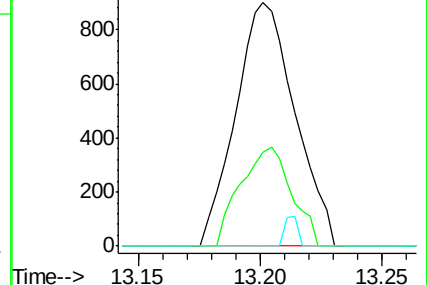
65 2.7 14.4 18.4#

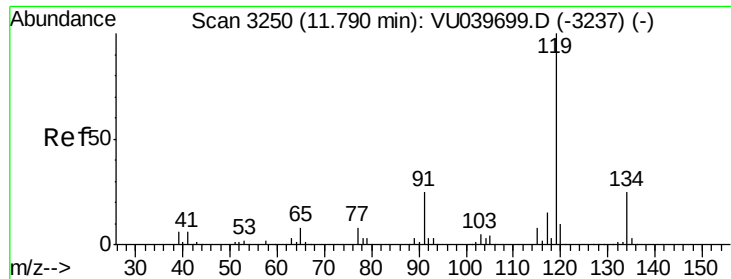


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





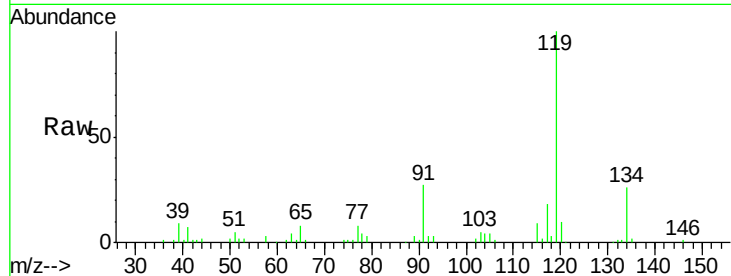
#81
 p-Isopropyltoluene
 Concen: 1.581 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.3	20.2	30.4
91	25.5	20.7	31.1

Manual Integrations
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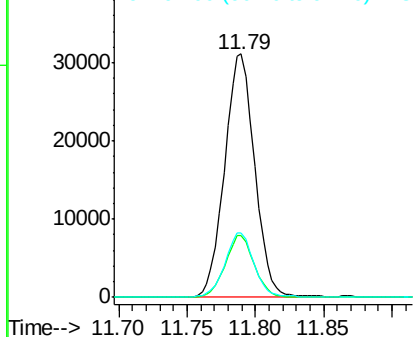


Abundance

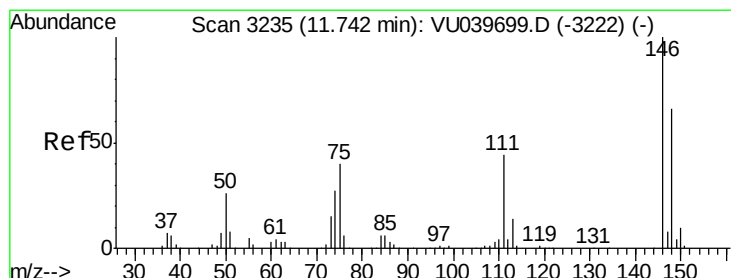
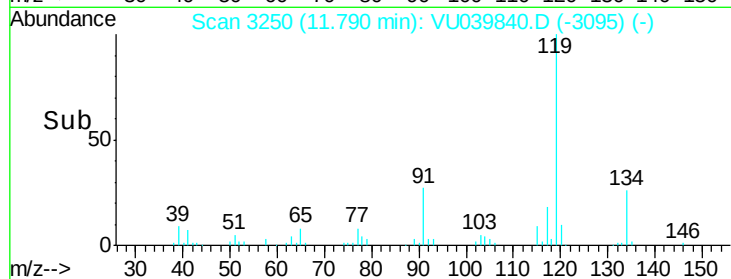
Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

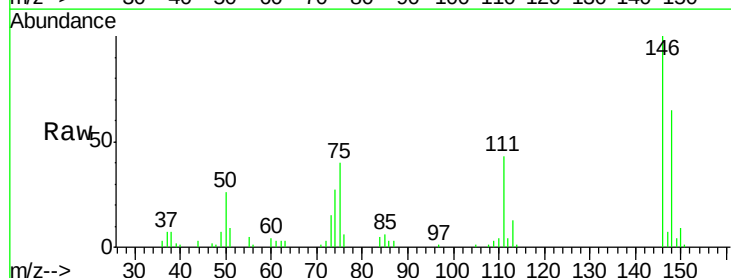


8/13/2020 11:35:51 AM



#82
 1,3-Dichlorobenzene
 Concen: 1.645 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	34.5	51.7
148	64.8	51.4	77.0

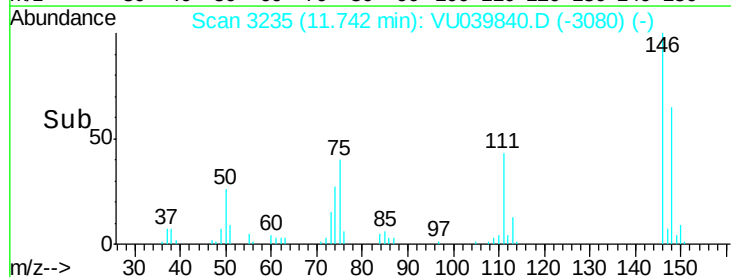
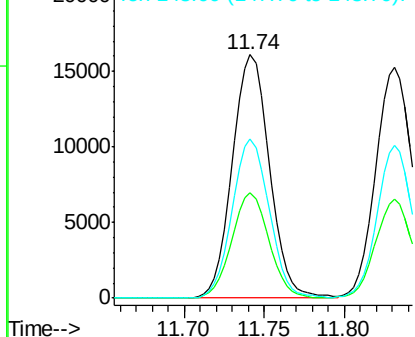


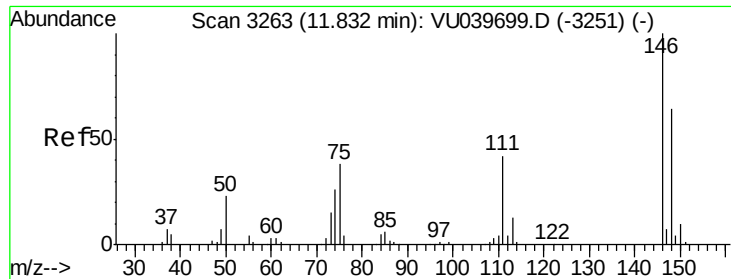
Abundance

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





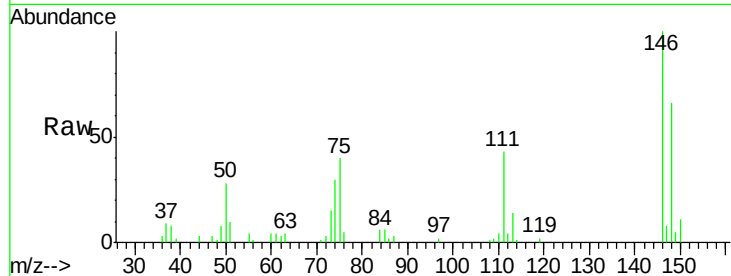
#83
 1,4-Dichlorobenzene
 Concen: 1.607 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	33.8	50.6
148	62.9	51.1	76.7

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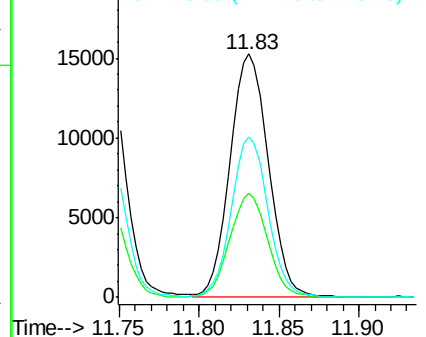


Abundance

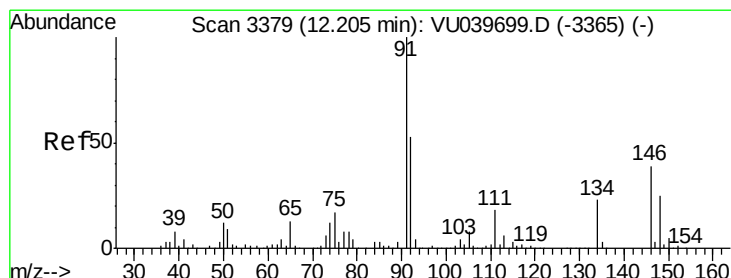
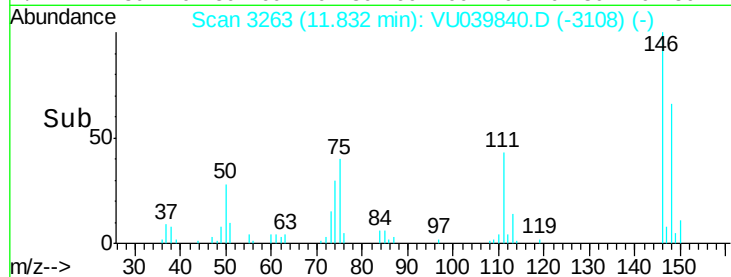
Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

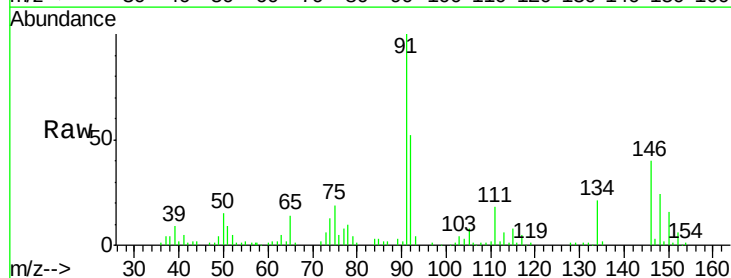


8/13/2020 11:35:51 AM



#84
 n-Butylbenzene
 Concen: 1.475 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	42.6	64.0
134	22.1	18.2	27.4

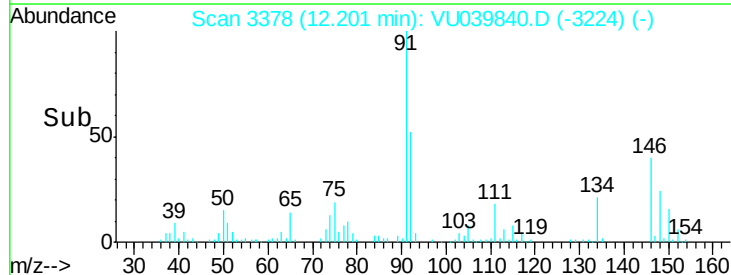
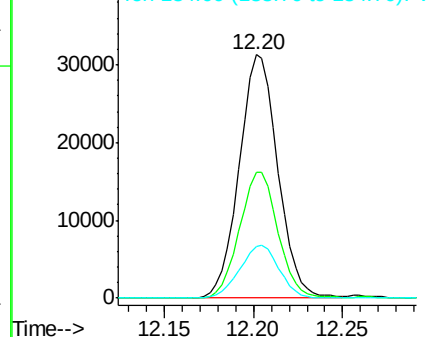


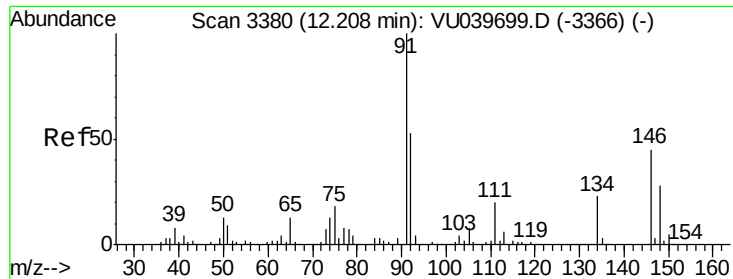
Abundance

Ion 91.00 (90.70 to 91.70): VU0

Ion 92.00 (91.70 to 92.70): VU0

Ion 134.00 (133.70 to 134.70): V





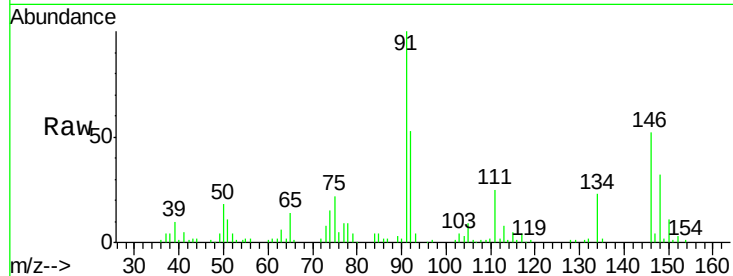
#85
 1,2-Dichlorobenzene
 Concen: 1.558 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

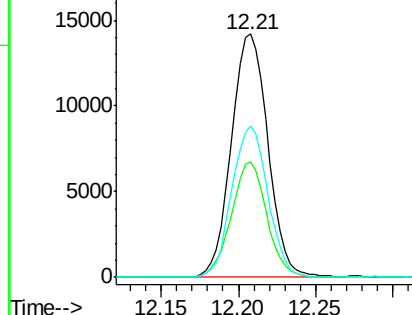
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.8	68.3
148	61.2	31.7	95.1

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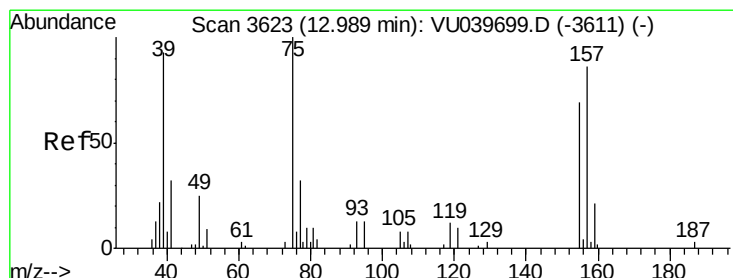
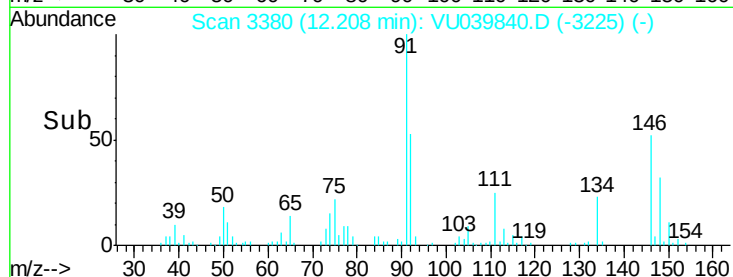
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Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

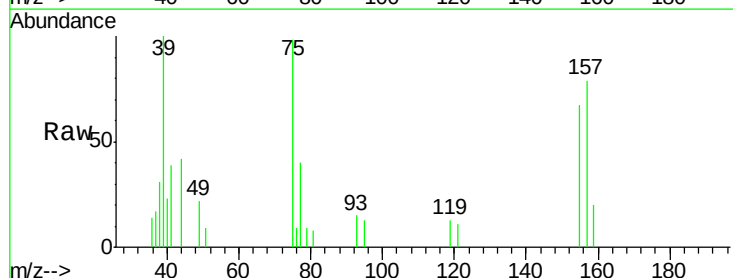


8/13/2020 11:35:51 AM

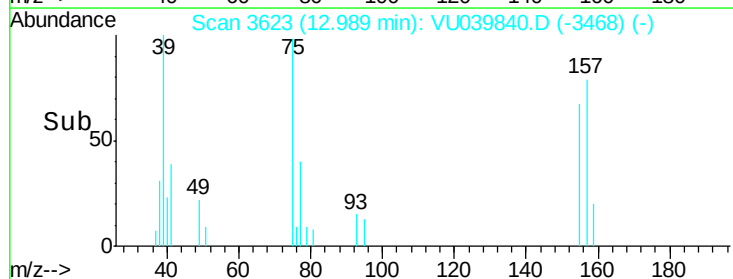
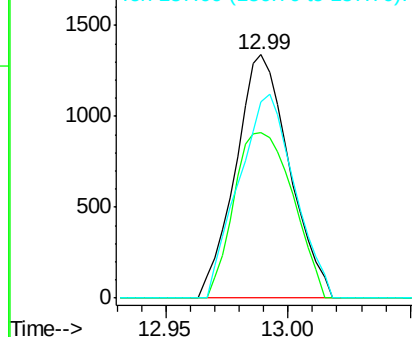


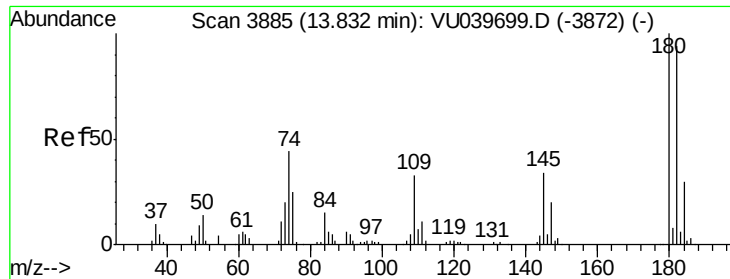
#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.509 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.7	52.9	79.3
157	86.7	67.8	101.6



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 155.00 (154.70 to 155.70): V
 Ion 157.00 (156.70 to 157.70): V





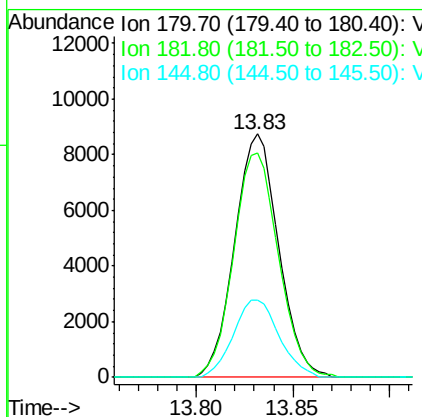
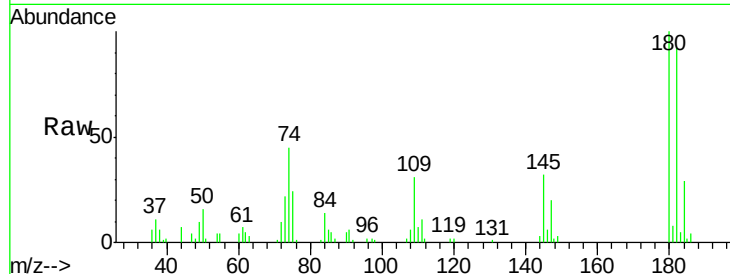
#87
 1,2,4-Trichlorobenzene
 Concen: 1.475 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0812WBS01

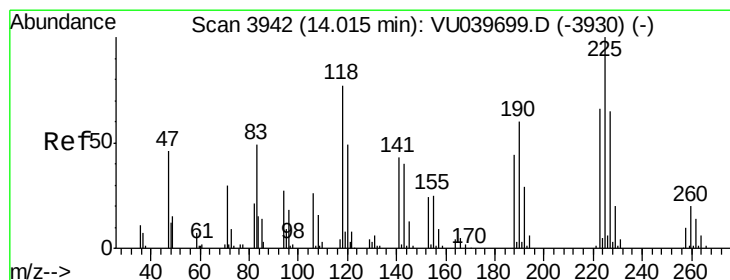
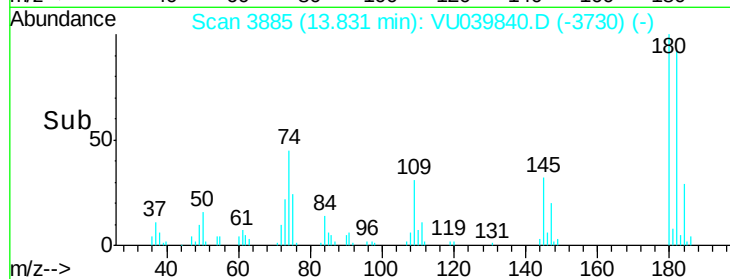
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	76.2	114.4
145	33.2	26.8	40.2

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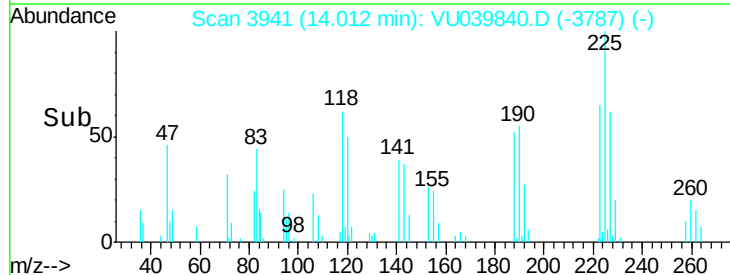
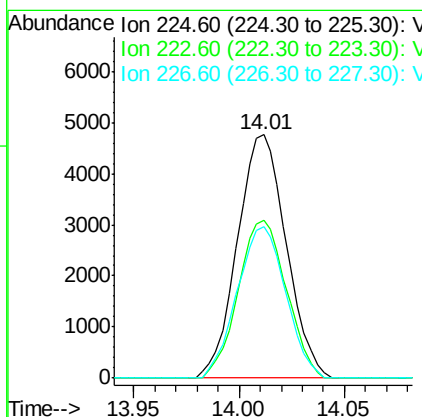
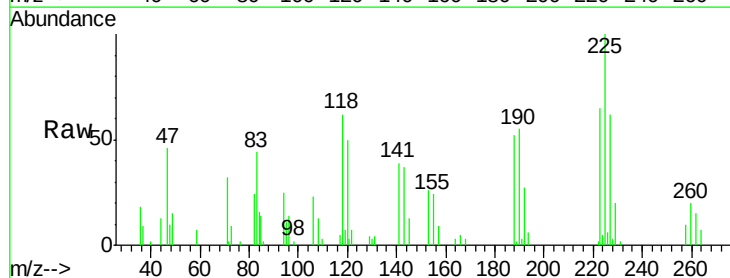


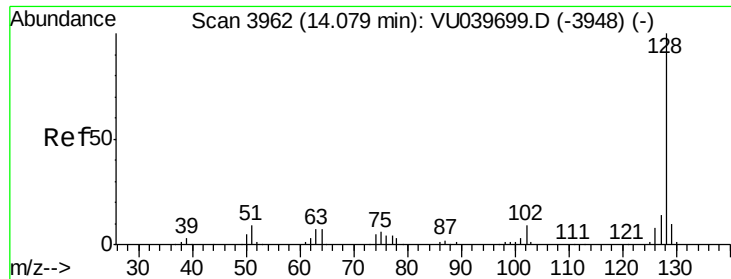
8/13/2020 11:35:51 AM



#88
 Hexachlorobutadiene
 Concen: 1.803 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU039840.D
 Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	52.4	78.6
227	61.9	50.7	76.1





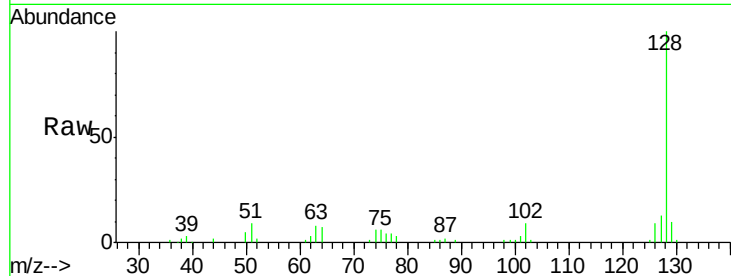
#89
Naphthalene
Concen: 2.148 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Instrument :
MSVOA_U
ClientSampleId :
VU0812WBS01

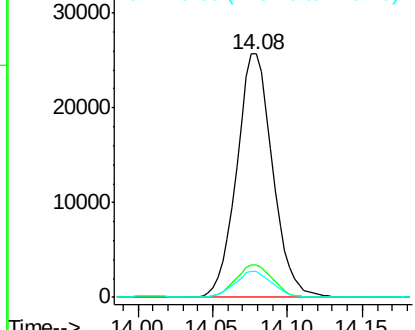
Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.0	16.4
129	10.9	8.4	12.6

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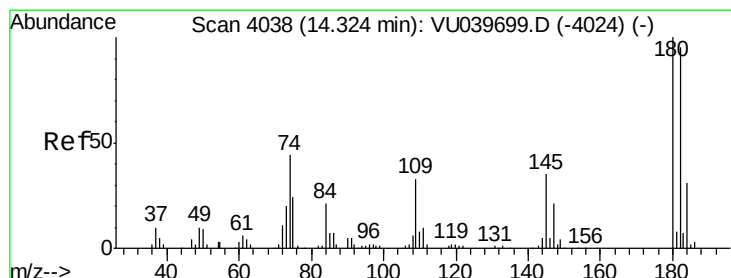
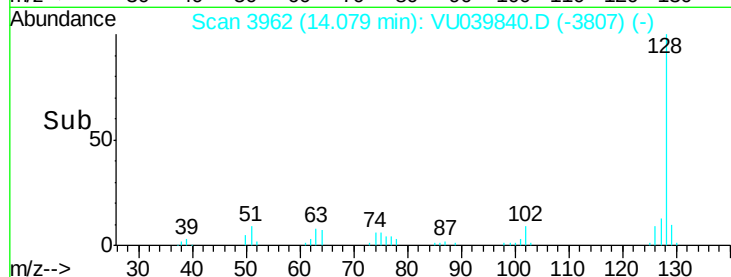
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

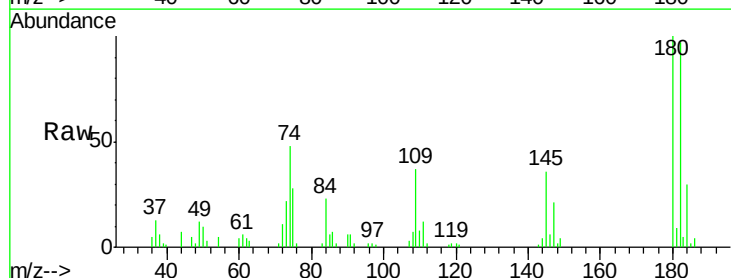


8/13/2020 11:35:51 AM



#90
1,2,3-Trichlorobenzene
Concen: 2.093 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU039840.D
Acq: 12 Aug 2020 12:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	76.0	114.0
145	32.1	27.8	41.6



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

