

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050520\
 Data File : VU038014.D
 Acq On : 05 May 2020 13:41
 Operator : JC/MD
 Sample : VU0505WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0505WBSD01

Manual Integrations
 APPROVED

apatel
 5/6/2020 10:39:34 AM

Quant Time: May 06 01:18:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.15	96	86963	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	31456	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	12.20	152	30593	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.40	85	54671	1.852	ug/l	97
3) Chloromethane	1.54	50	62410	1.786	ug/l	100
4) Vinyl Chloride	1.62	62	64644	1.857	ug/l	98
5) Bromomethane	1.87	94	34416	1.648	ug/l	98
6) Chloroethane	1.95	64	38391	1.846	ug/l	97
7) Trichlorofluoromethane	2.16	101	69833	1.924	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	42727	1.889	ug/l	98
9) 1,1-Dichloroethene	2.60	96	43571	1.918	ug/l	96
10) Iodomethane	2.75	142	24834	2.040	ug/l	98
11) Allyl Chloride	2.95	41	77034	1.828	ug/l	98
12) Acrylonitrile	3.35	53	22558	3.633	ug/l	94
13) Acetone	2.66	43	45484	9.158	ug/l	97
14) Carbon Disulfide	2.82	76	150175	1.811	ug/l	99
15) Methylene Chloride	3.07	84	69935	2.375	ug/l	95
16) trans-1,2-Dichloroethene	3.38	96	46586	1.874	ug/l	96
17) 1,1-Dichloroethane	3.91	63	89334	1.895	ug/l	98
18) 2-Butanone	4.76	43	65293	8.768	ug/l	100
19) Cyclohexane	5.42	56	84775m	1.855	ug/l	
20) Methylcyclohexane	6.79	83	80038	1.786	ug/l	97
21) 2,2-Dichloropropane	4.70	77	69176	1.756	ug/l	98
22) cis-1,2-Dichloroethene	4.71	96	49942	1.901	ug/l	99
23) Diethyl Ether	2.40	59	39544	1.985	ug/l	98
24) tert-Butyl Alcohol	3.23	59	36408	16.470	ug/l	96
25) Methyl tert-Butyl Ether	3.41	73	114166	1.835	ug/l	94
26) Bromochloromethane	5.01	128	18664	1.765	ug/l	96
27) Chloroform	5.12	83	81738	1.849	ug/l	98
28) 1,1,1-Trichloroethane	5.35	97	67254	1.846	ug/l	99
29) 1,1-Dichloropropene	5.56	75	68090	1.857	ug/l	99
30) Carbon Tetrachloride	5.56	117	54357	1.783	ug/l	98
31) Isopropyl Ether	4.04	45	139866	1.803	ug/l	99
32) Ethyl-t-butyl ether	4.55	59	121923	1.741	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	103103	1.708	ug/l	99
34) Propionitrile	4.82	54	18558	8.704	ug/l #	90
35) Benzene	5.81	78	193088	1.882	ug/l	99
36) 1,2-Dichloroethane	5.83	62	58238	1.919	ug/l	98
37) Trichloroethene	6.57	130	50778	1.885	ug/l	100
38) 1,2-Dichloropropane	6.82	63	51094	1.851	ug/l	99
39) Methacrylonitrile	5.02	41	17322	1.734	ug/l	94
40) Methyl acrylate	4.89	55	26598	1.807	ug/l	99
41) Tetrahydrofuran	5.11	42	18202	3.654	ug/l	96
42) 1-Chlorobutane	5.49	56	98237	1.860	ug/l	100

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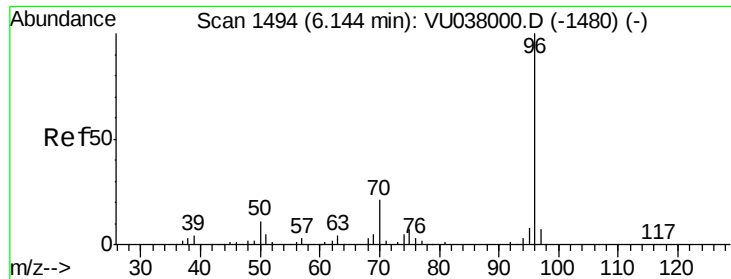
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	23366	1.817	ug/l	98
44) Bromodichloromethane	7.13	83	58533	1.812	ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	155319	8.861	ug/l	99
46) t-1,4-Dichloro-2-butene	10.85	75	18122m	3.343	ug/l	
47) Methyl methacrylate	6.99	69	46196	3.532	ug/l	97
48) Ethyl methacrylate	8.36	69	41825	1.727	ug/l	99
49) Toluene	7.99	92	121674	1.876	ug/l	100
50) t-1,3-Dichloropropene	8.23	75	56561	1.714	ug/l	96
51) cis-1,3-Dichloropropene	7.63	75	68776	1.735	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	34643	1.902	ug/l	92
53) 1,3-Dichloropropane	8.60	76	63680	1.862	ug/l	98
54) 2-Hexanone	8.71	43	105961	8.564	ug/l	97
55) Dibromochloromethane	8.83	129	34726	1.721	ug/l	100
56) 1,2-Dibromoethane	8.95	107	30555	1.779	ug/l	98
58) Tetrachloroethene	8.57	164	48250	1.919	ug/l	97
59) Chlorobenzene	9.47	112	130630	1.897	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	36630	1.752	ug/l	100
61) Pentachloroethane	11.44	117	25278	1.614	ug/l	100
62) Hexachloroethane	12.49	117	25168	1.544	ug/l	94
63) Ethyl Benzene	9.59	91	225328	1.839	ug/l	99
64) m/p-Xylenes	9.71	106	171443	3.635	ug/l	99
65) o-Xylene	10.12	106	82916	1.804	ug/l	97
66) Styrene	10.13	104	136696	1.805	ug/l	99
67) Bromoform	10.31	173	17126	1.613	ug/l #	94
69) Isopropylbenzene	10.50	105	217433	1.811	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	42427	1.818	ug/l	98
71) 1,2,3-Trichloropropane	10.84	75	28293m	1.639	ug/l	
72) Bromobenzene	10.80	156	49543	1.848	ug/l	98
73) n-propylbenzene	10.92	120	60366	1.833	ug/l	98
74) 2-Chlorotoluene	11.00	126	50155	1.814	ug/l	96
75) 1,3,5-Trimethylbenzene	11.10	105	179275	1.804	ug/l	100
76) 4-Chlorotoluene	11.11	126	54295	1.891	ug/l	97
77) tert-Butylbenzene	11.44	119	171367	1.812	ug/l	100
78) 1,2,4-Trimethylbenzene	11.48	105	184401	1.802	ug/l	100
79) sec-Butylbenzene	11.66	105	250046	1.846	ug/l	98
80) Nitrobenzene	13.23	77	4521	6.534	ug/l	97
81) p-Isopropyltoluene	11.81	119	196605	1.798	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	103368	1.862	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	103173	1.836	ug/l	98
84) n-Butylbenzene	12.22	91	200229	1.834	ug/l	98
85) 1,2-Dichlorobenzene	12.23	146	95057	1.839	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	5613	1.527	ug/l	94
87) 1,2,4-Trichlorobenzene	13.87	180	63576	1.683	ug/l	97
88) Hexachlorobutadiene	14.05	225	28785	1.704	ug/l	99
89) Naphthalene	14.12	128	122625	1.688	ug/l	99
90) 1,2,3-Trichlorobenzene	14.36	180	58835	1.748	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU038014.D

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Instrument :

MSVOA_U

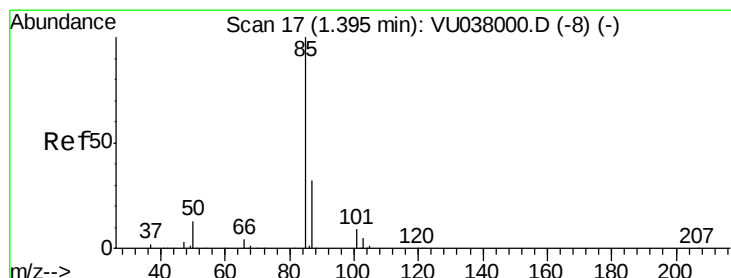
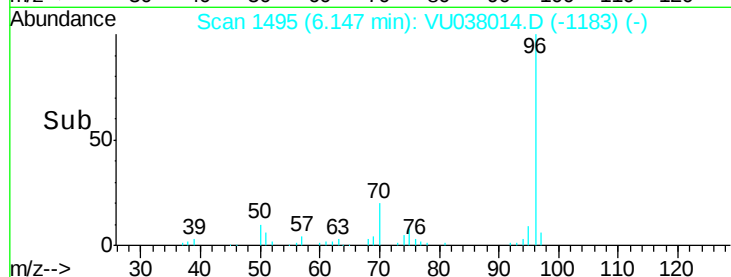
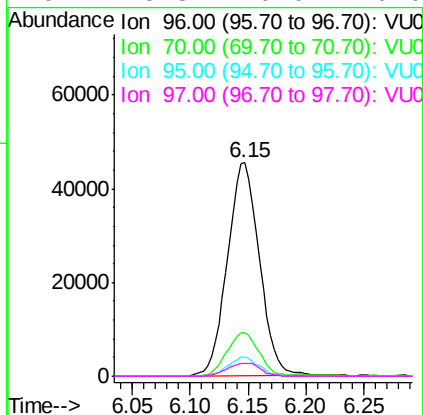
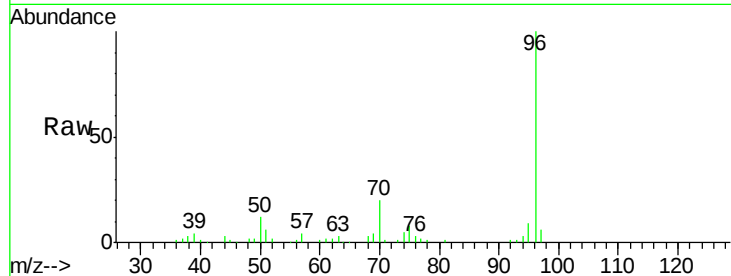
ClientSampleId :

VU0505WBSD01

Tot Ion:	96	Resp:	86963
Ion Ratio	Lower	Upper	
96	100		
70	19.3	14.4	21.6
95	8.7	7.1	10.7
97	6.3	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.852 ug/l

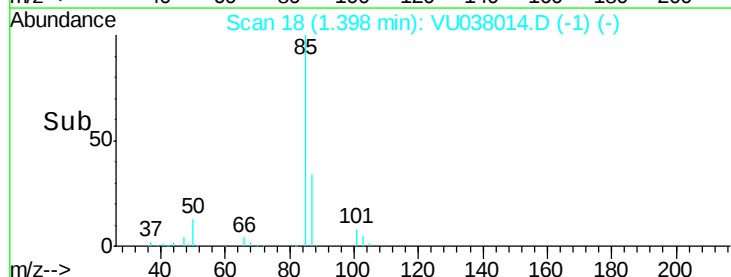
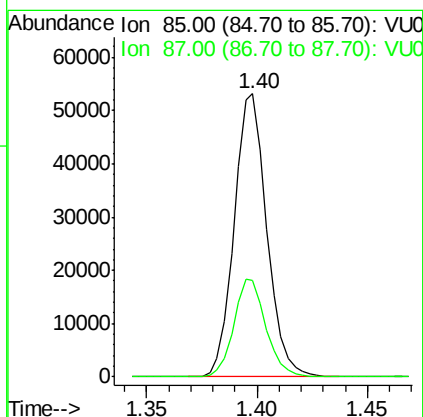
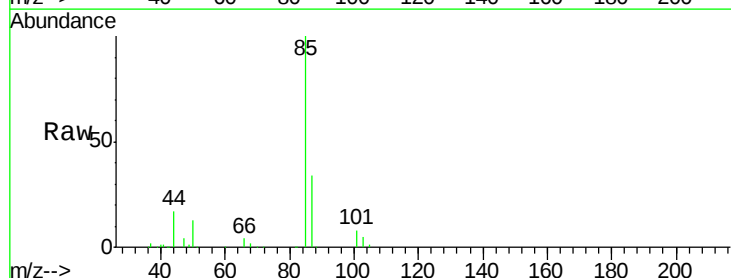
RT: 1.40 min Scan# 18

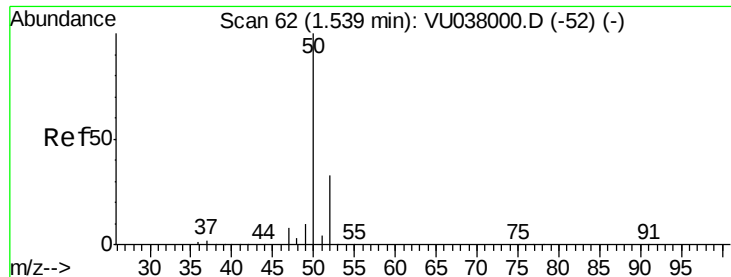
Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Tgt Ion:	85	Resp:	54671
Ion Ratio	Lower	Upper	
85	100		
87	34.1	16.2	48.5





#3

Chloromethane

Concen: 1.786 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0505WBSD01

Tot Ion: 50 Resp: 62410

Ion Ratio Lower Upper

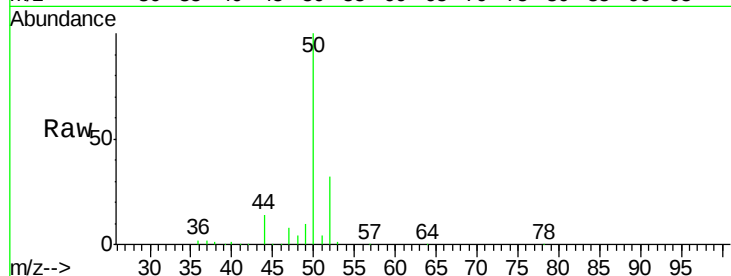
50 100

52 32.4 26.1 39.1

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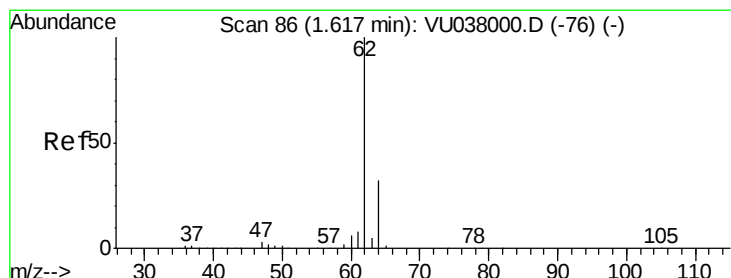
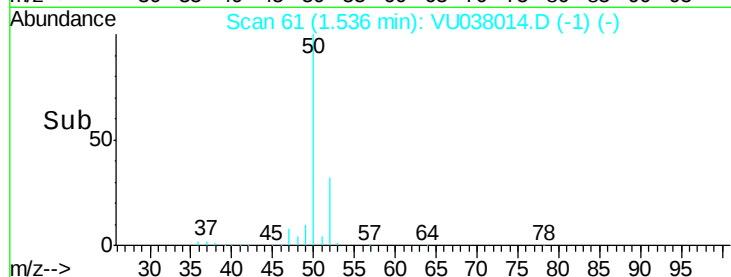
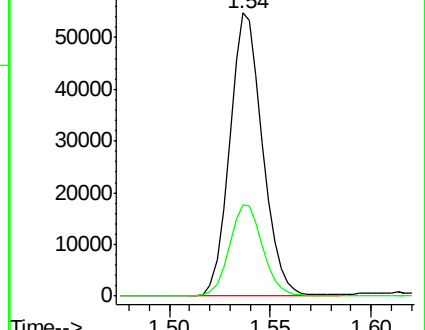
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Abundance Ion 50.00 (49.70 to 50.70): VU038014.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU038014.D (-1) (-)



#4

Vinyl Chloride

Concen: 1.857 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038014.D

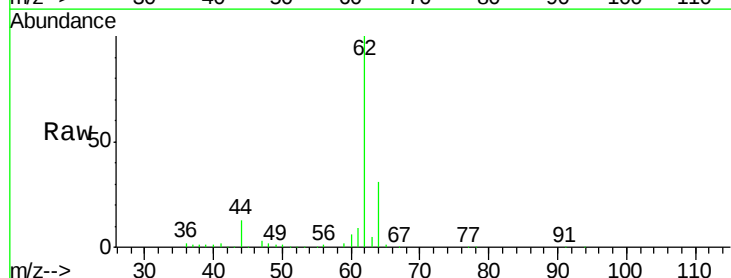
Acq: 05 May 2020 13:41

Tgt Ion: 62 Resp: 64644

Ion Ratio Lower Upper

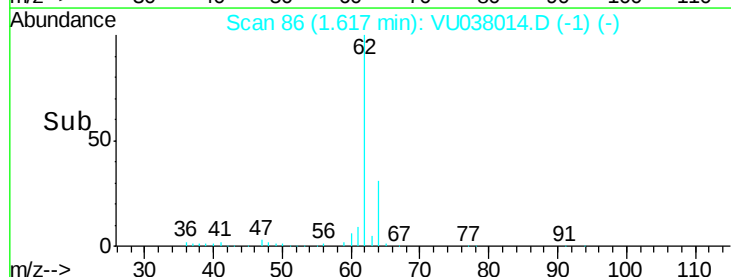
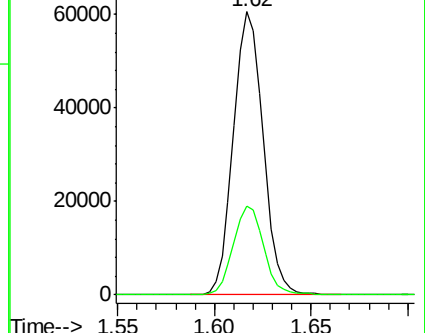
62 100

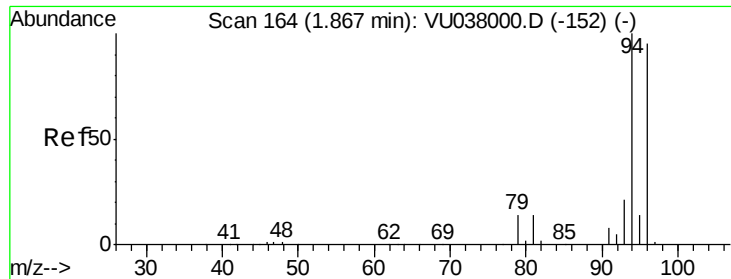
64 31.2 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU038014.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU038014.D (-1) (-)





#5

Bromomethane

Concen: 1.648 ug/l

RT: 1.87 min Scan# 166

Delta R.T. 0.01 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0505WBSD01

Tot Ion: 94 Resp: 34416

Ion Ratio Lower Upper

94 100

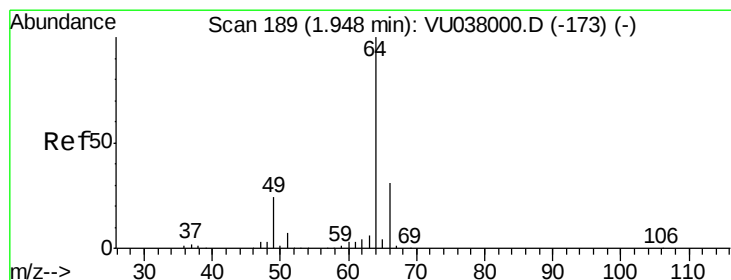
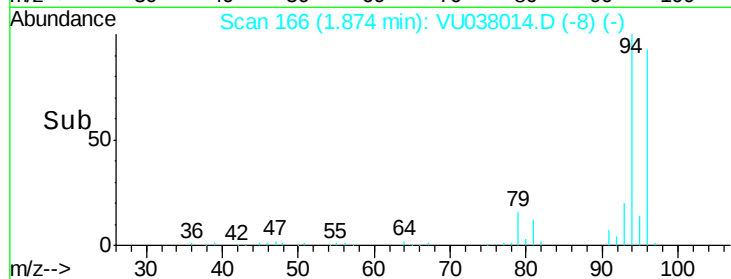
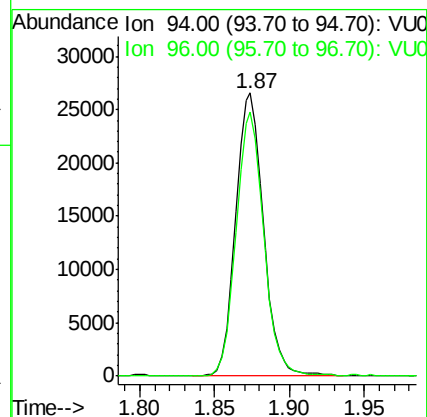
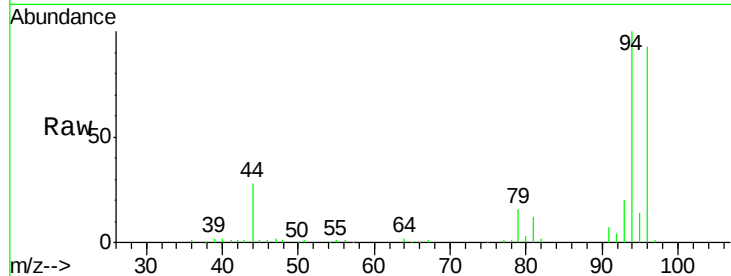
96 93.4 76.1 114.1

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#6

Chloroethane

Concen: 1.846 ug/l

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038014.D

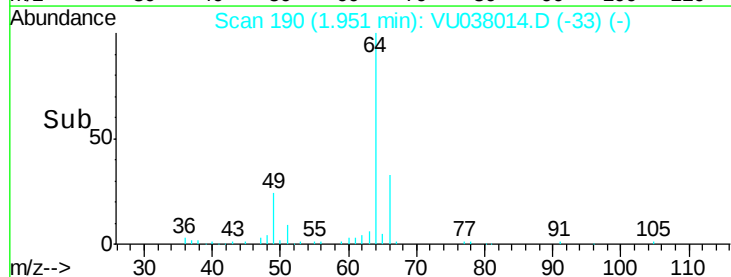
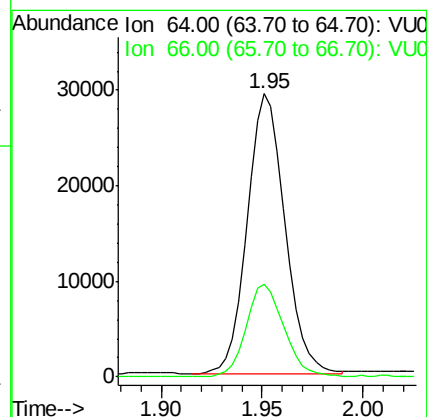
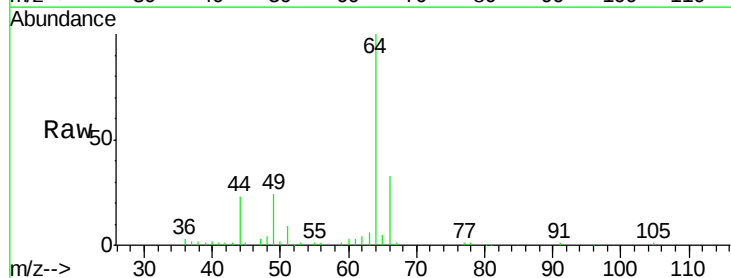
Acq: 05 May 2020 13:41

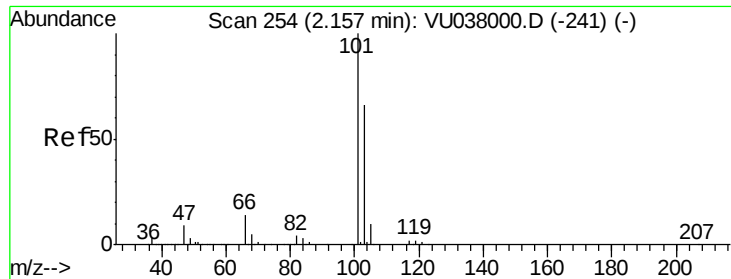
Tgt Ion: 64 Resp: 38391

Ion Ratio Lower Upper

64 100

66 32.9 24.8 37.2





#7

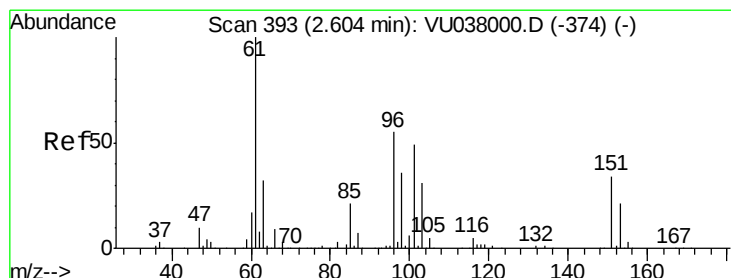
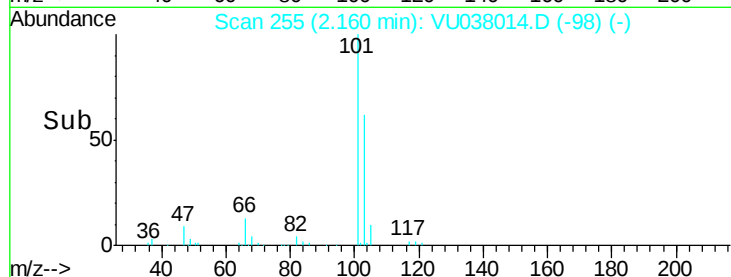
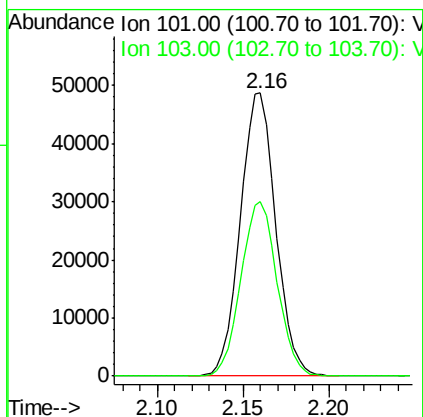
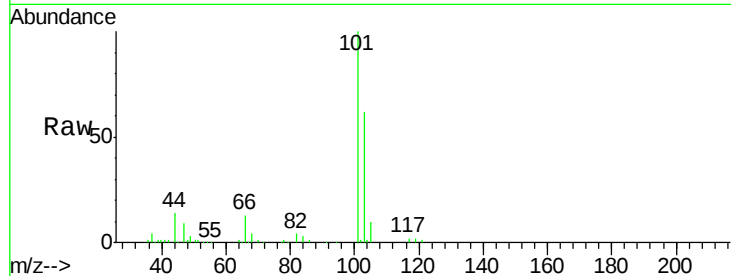
Trichlorofluoromethane
Concen: 1.924 ug/l
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU038014.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		69833		
103	61.8		52.6		78.8

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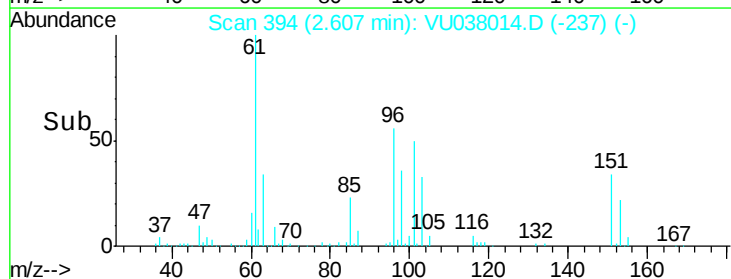
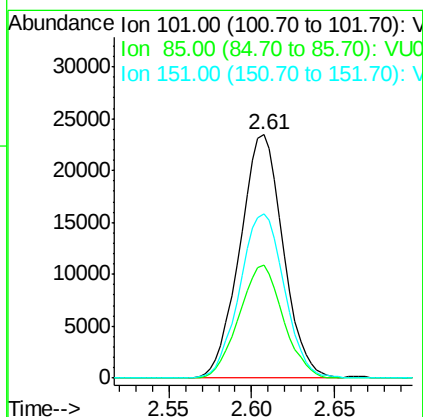
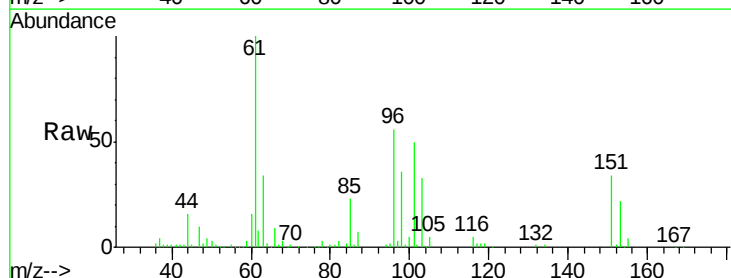
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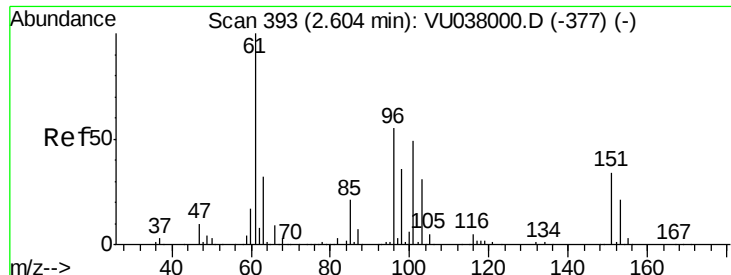


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.889 ug/l
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
101	100		42727		
85	47.1		35.5		53.3
151	69.6		55.2		82.8





#9

1,1-Dichloroethene

Concen: 1.918 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

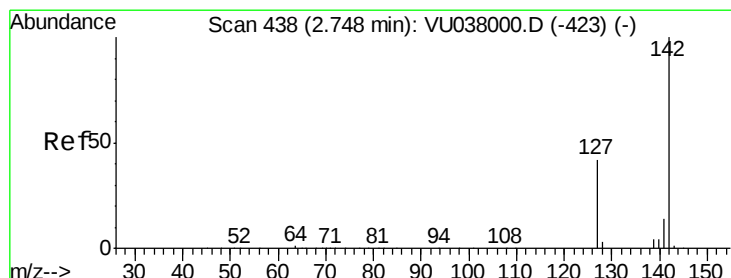
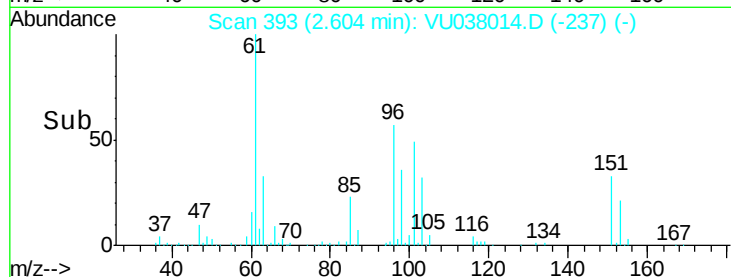
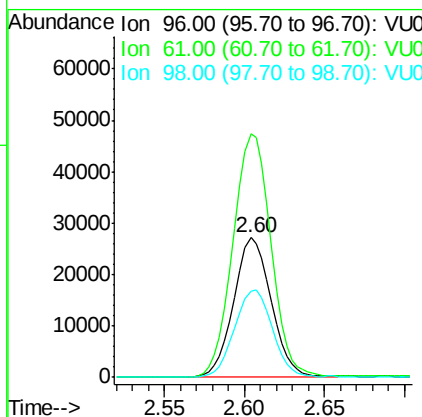
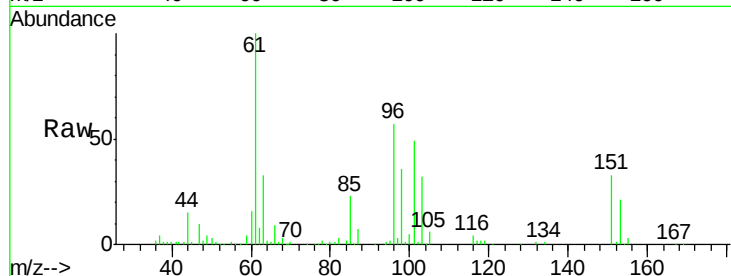
ClientSampleId :

VU0505WBSD01

Tot Ion:	96	Resp:	43571
Ion	Ratio	Lower	Upper
96	100		
61	174.6	0.0	543.0
98	62.2	0.0	129.4

Manual Integrations
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#10

Iodomethane

Concen: 2.040 ug/l

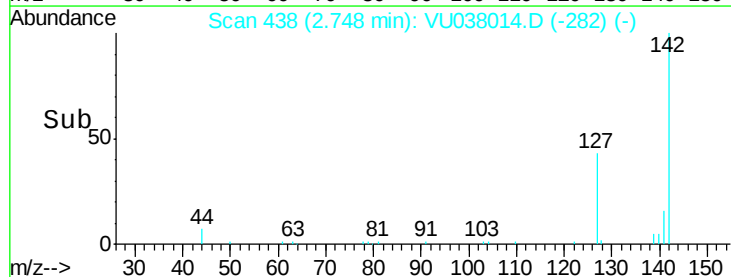
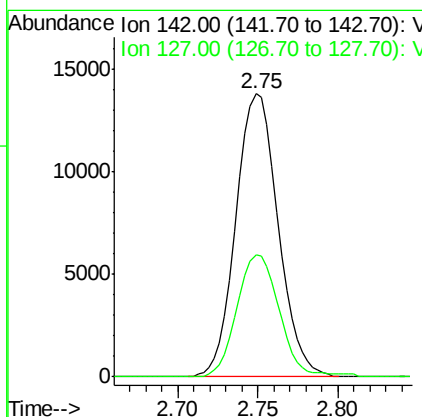
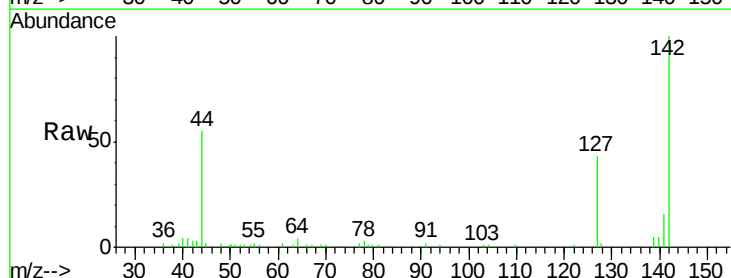
RT: 2.75 min Scan# 438

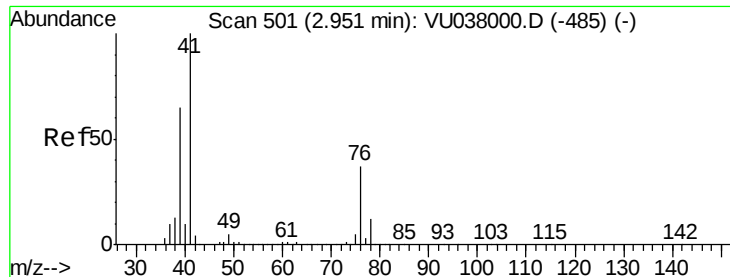
Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Tgt Ion:	142	Resp:	24834
Ion	Ratio	Lower	Upper
142	100		
127	43.0	33.5	50.3





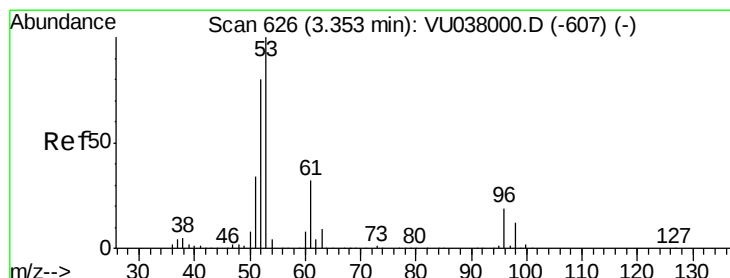
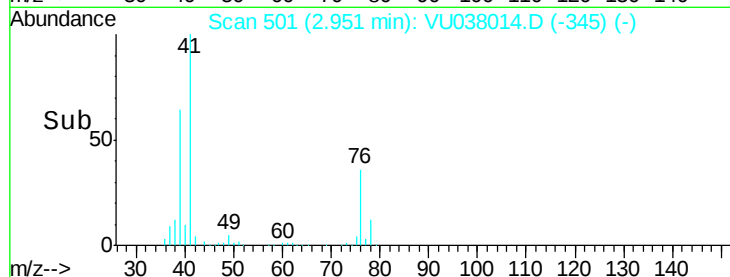
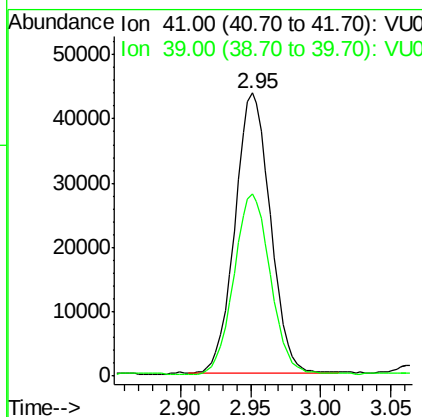
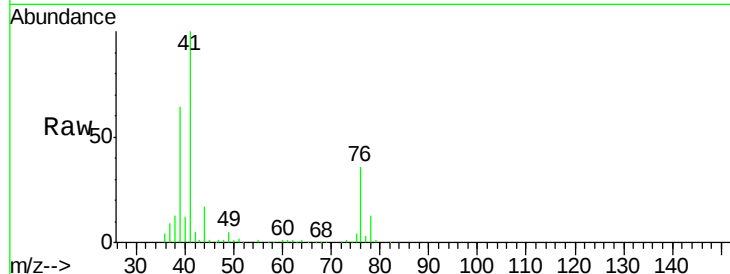
#11
Allvl Chloride
Concen: 1.828 ug/l
RT: 2.95 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampled :
VU0505WBSD01

Tot Ion: 41 Resp: 77034
Ion Ratio Lower Upper
41 100
39 66.2 51.7 77.5

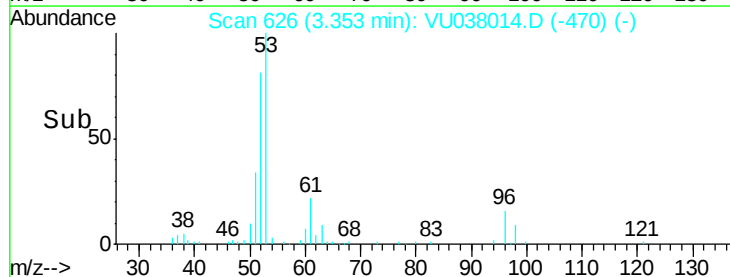
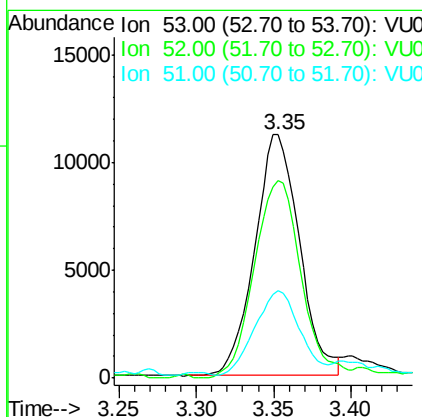
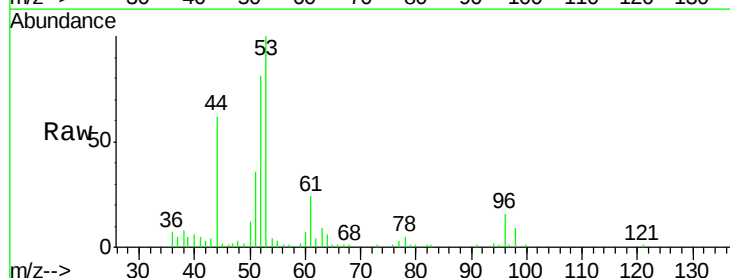
Manual Integrations
APPROVED

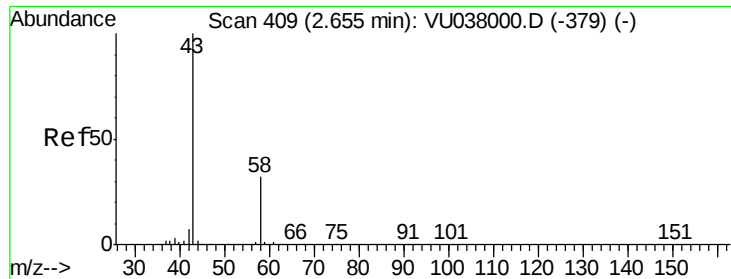
apatel
5/6/2020 10:39:34 AM



#12
Acrylonitrile
Concen: 3.633 ug/l
RT: 3.35 min Scan# 626
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 53 Resp: 22558
Ion Ratio Lower Upper
53 100
52 85.8 63.3 94.9
51 35.4 30.2 45.2





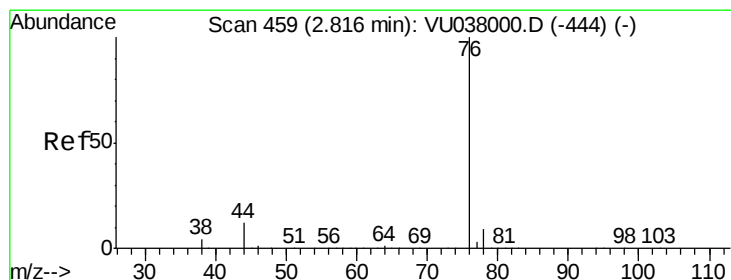
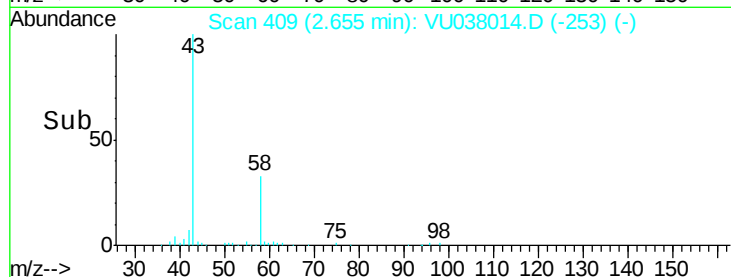
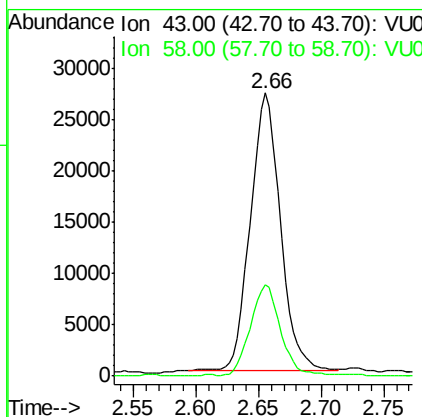
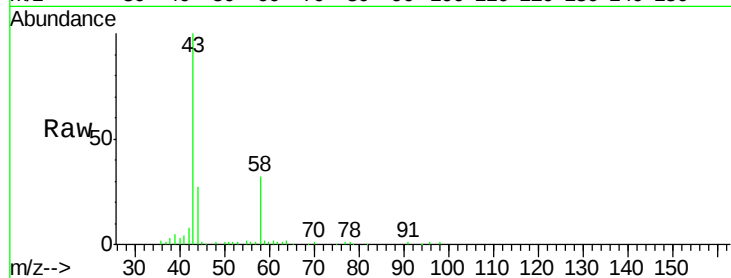
#13
Acetone
Concen: 9.158 ug/l
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Tot Ion: 43 Resp: 45484
Ion Ratio Lower Upper
43 100
58 33.0 25.2 37.8

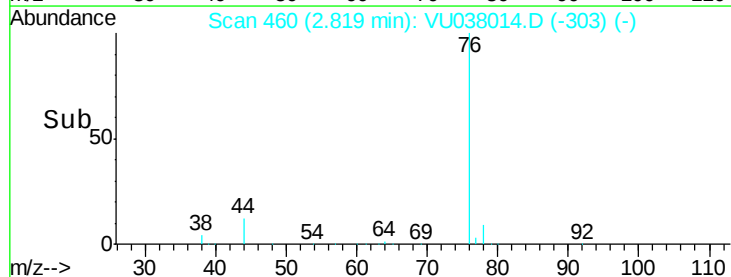
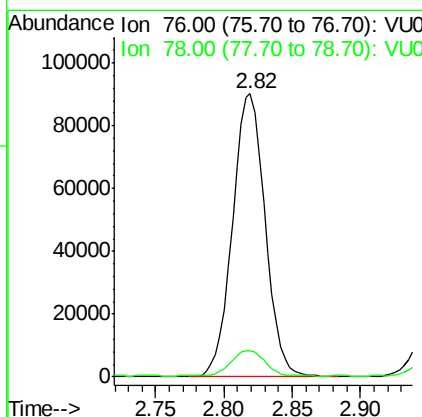
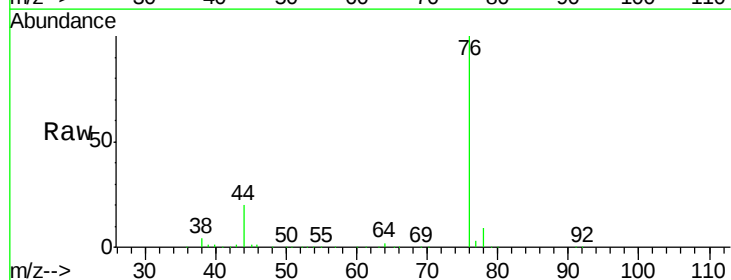
Manual Integrations
APPROVED

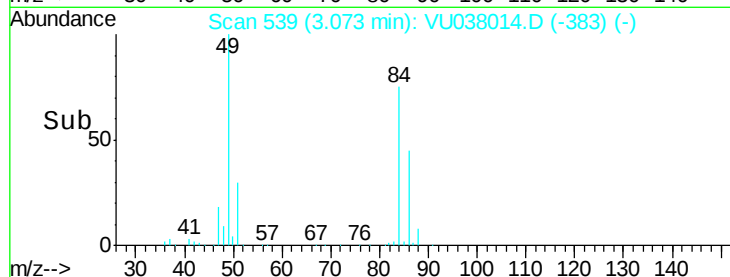
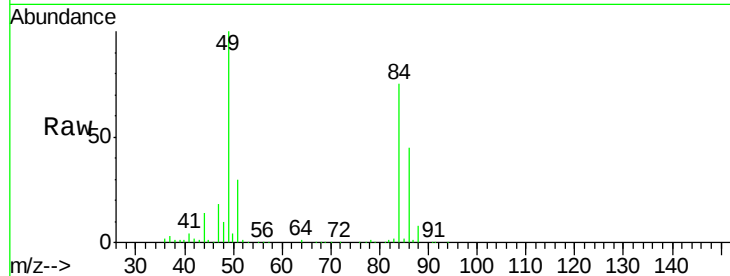
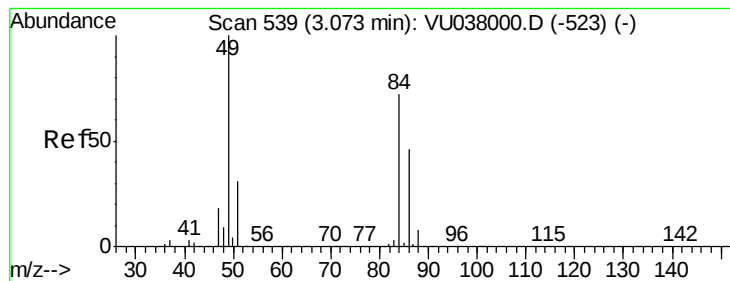
apatel
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#14
Carbon Disulfide
Concen: 1.811 ug/l
RT: 2.82 min Scan# 460
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 76 Resp: 150175
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.6





#15

Methvlene Chloride

Concen: 2.375 ug/l

RT: 3.07 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Tot Ion:	84	Resp:	69935
Ion	Ratio	Lower	Upper
84	100		
49	132.6	110.6	166.0
51	39.1	0.0	85.4
86	60.4	50.9	76.3

Instrument :

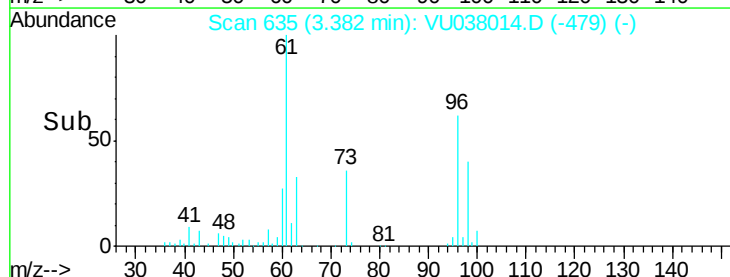
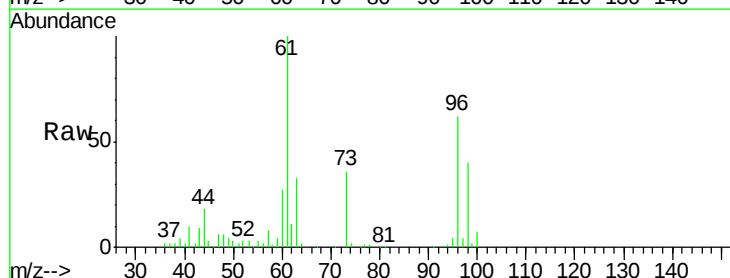
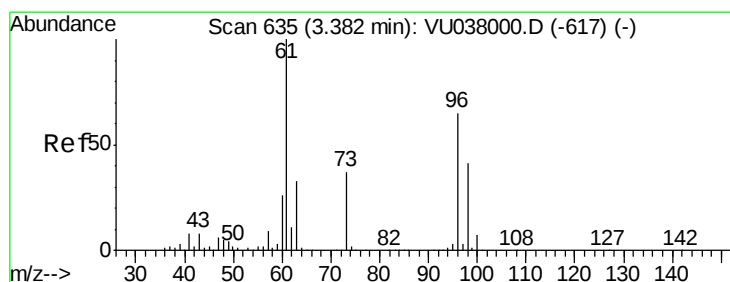
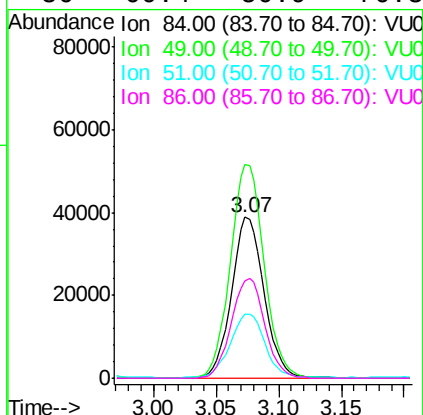
MSVOA_U

ClientSampleId :

VU0505WBSD01

Manual Integrations
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#16

trans-1,2-Dichloroethene

Concen: 1.874 ug/l

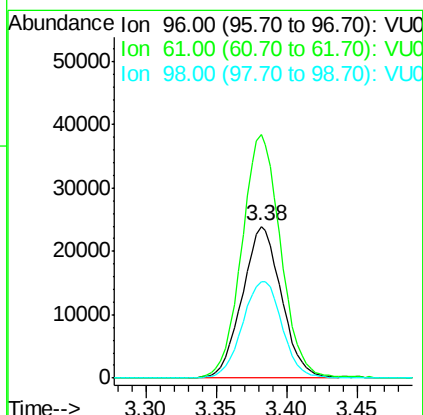
RT: 3.38 min Scan# 635

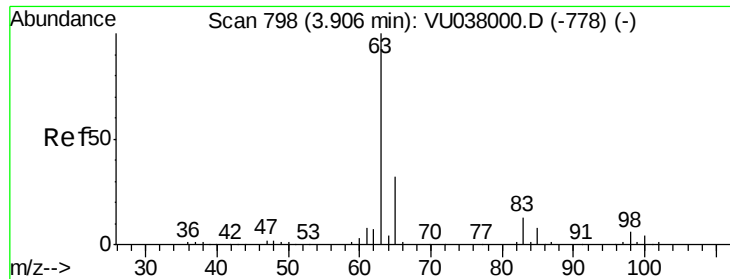
Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Tgt Ion:	96	Resp:	46586
Ion	Ratio	Lower	Upper
96	100		
61	159.9	122.4	183.6
98	63.4	50.1	75.1





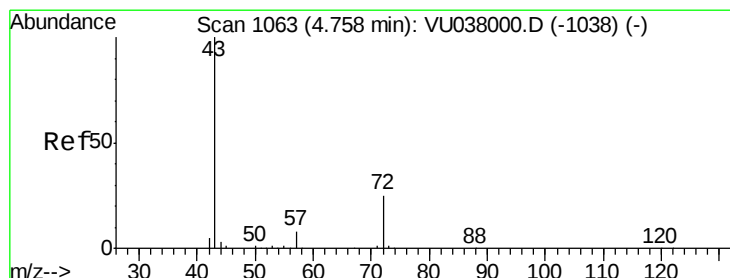
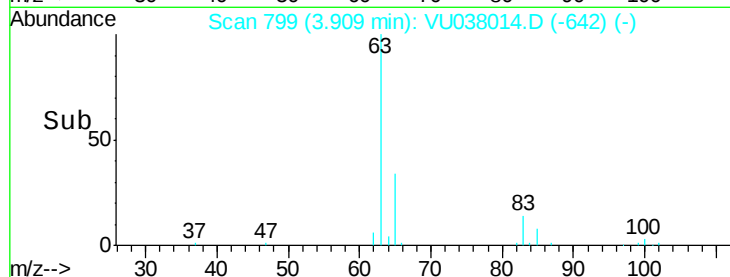
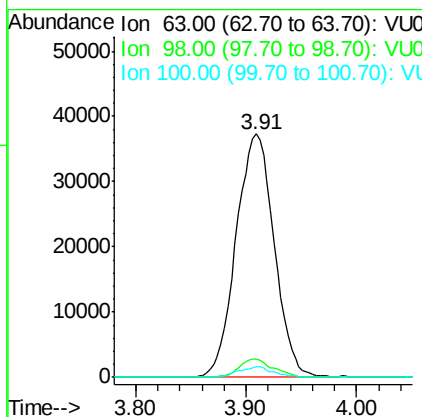
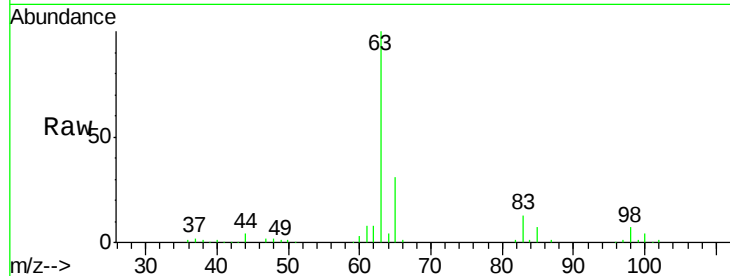
#17
 1,1-Dichloroethane
 Concen: 1.895 ug/l
 RT: 3.91 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0505WBSD01

Tot Ion:	63	Resp:	89334
Ion Ratio	Lower	Upper	
63	100		
98	7.3	3.1	9.4
100	4.4	2.2	6.6

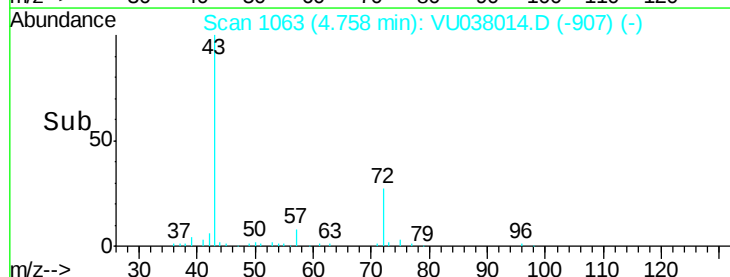
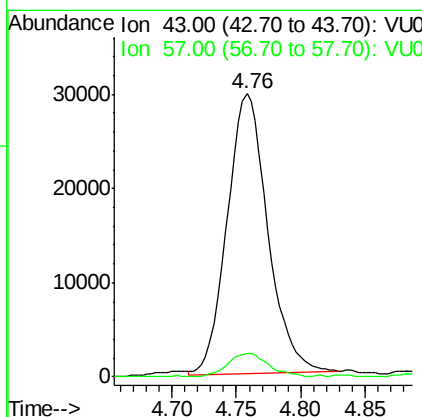
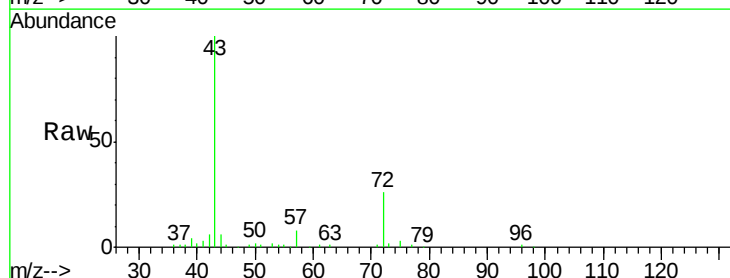
Manual Integrations
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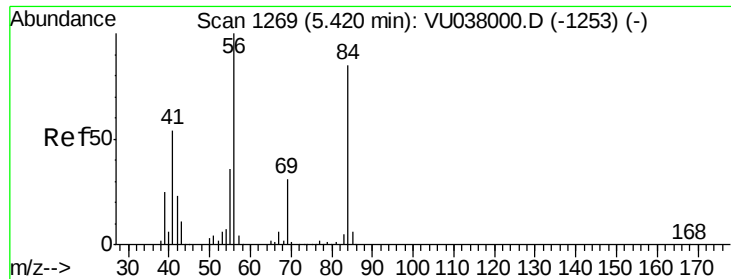
apatel
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#18
 2-Butanone
 Concen: 8.768 ug/l
 RT: 4.76 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion:	43	Resp:	65293
Ion Ratio	Lower	Upper	
43	100		
57	8.3	0.0	16.6





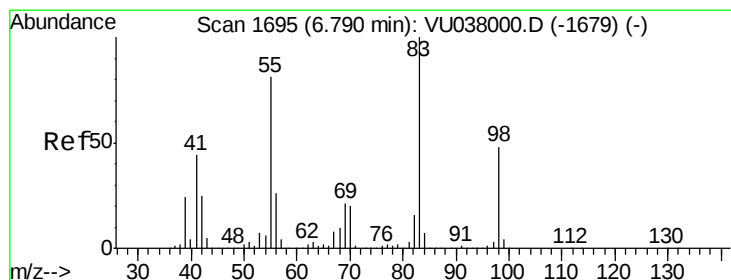
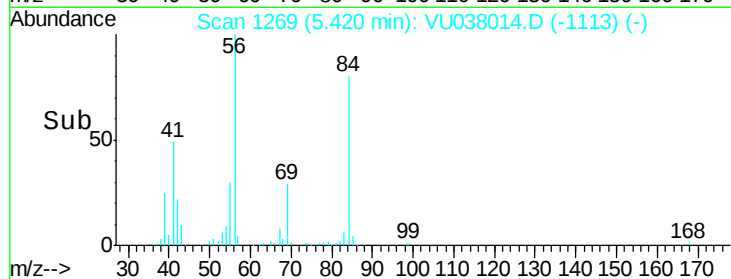
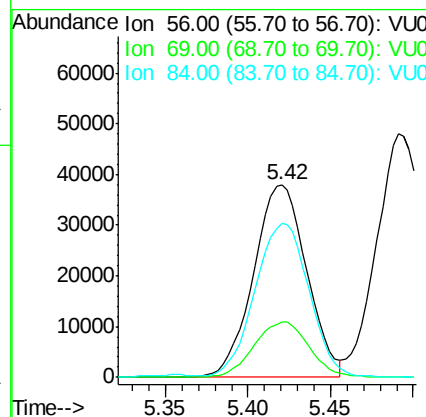
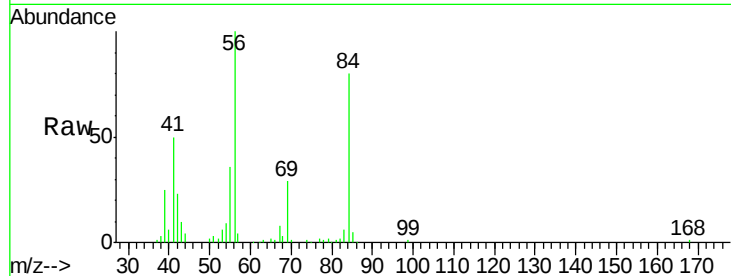
#19
Cyclohexane
Concen: 1.855 ug/l m
RT: 5.42 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.3	36.5
84	80.2	66.3	99.5

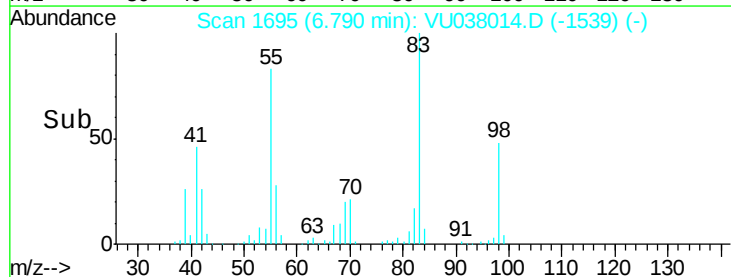
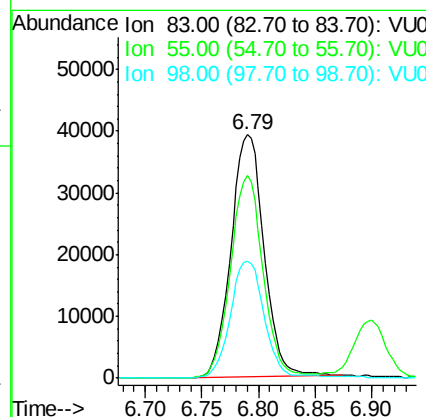
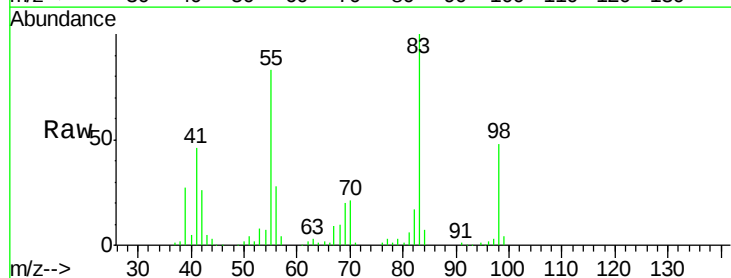
Manual Integrations
APPROVED

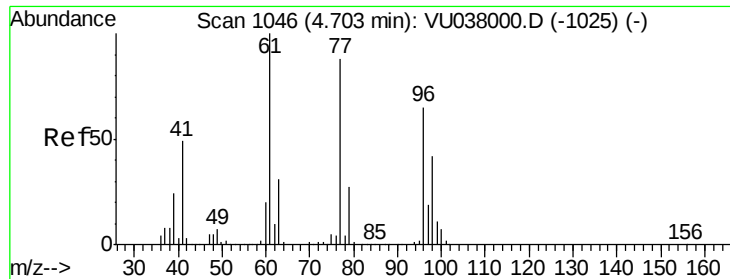
apatel
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#20
Methylcyclohexane
Concen: 1.786 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.5	92.3
98	48.9	37.3	55.9





#21

2,2-Dichloropropane

Concen: 1.756 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampled :

VU0505WBSD01

Tot Ion: 77 Resp: 69176

Ion Ratio Lower Upper

77 100

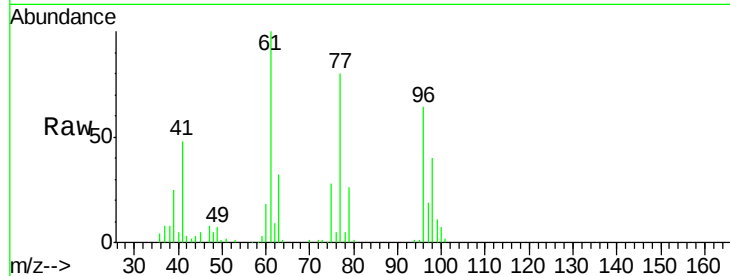
97 22.7 17.4 26.2

Manual Integrations

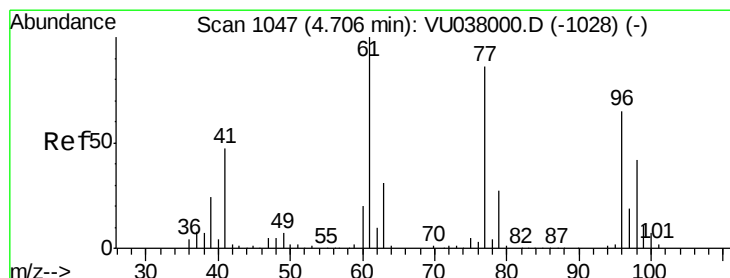
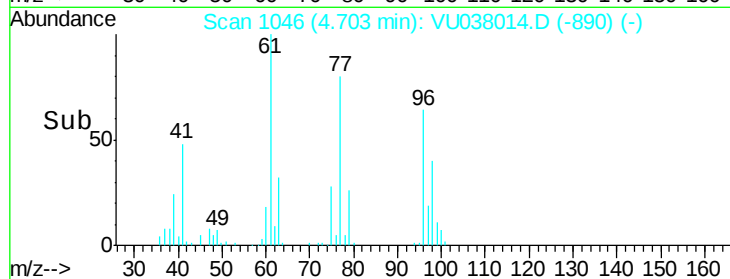
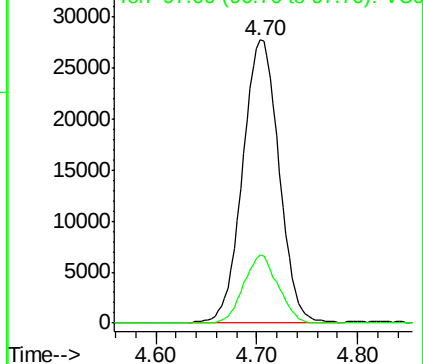
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Abundance Ion 77.00 (76.70 to 77.70): VU038014.D (-890) (-)



#22

cis-1,2-Dichloroethene

Concen: 1.901 ug/l

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

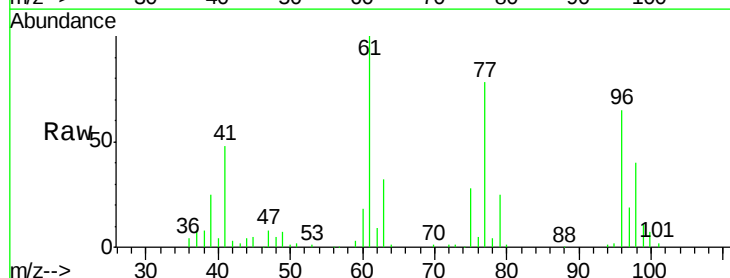
Tgt Ion: 96 Resp: 49942

Ion Ratio Lower Upper

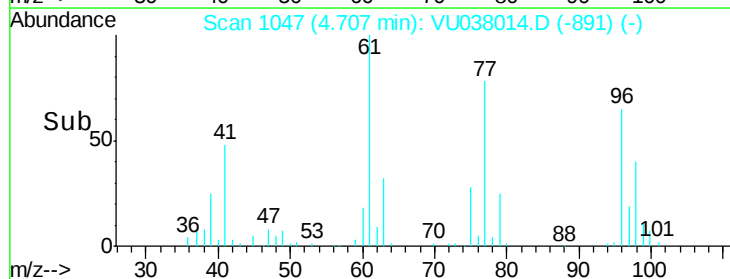
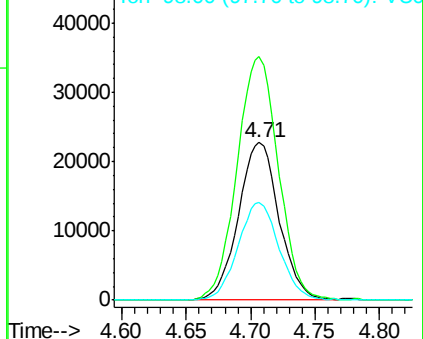
96 100

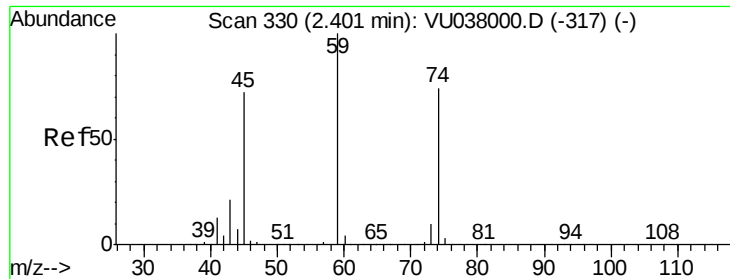
61 157.2 0.0 389.3

98 62.5 32.1 96.3



Abundance Ion 96.00 (95.70 to 96.70): VU038014.D (-891) (-)





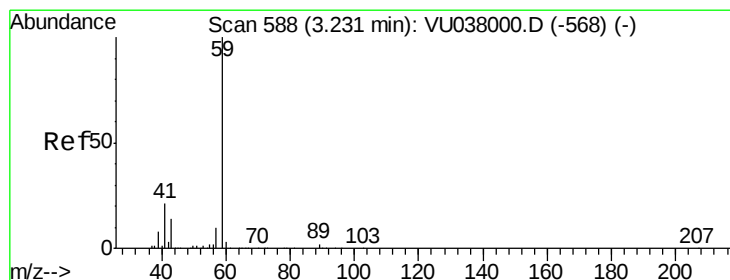
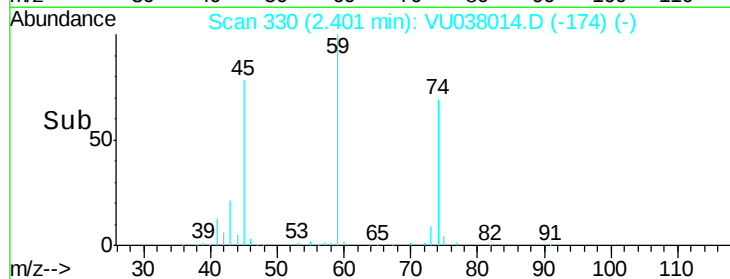
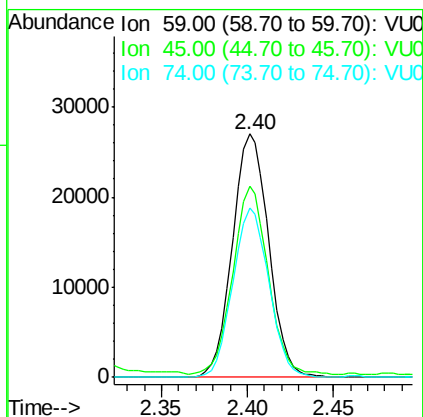
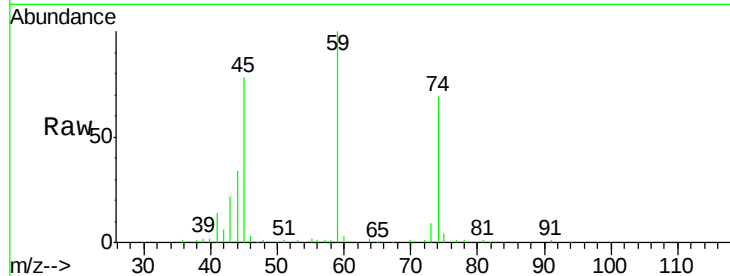
#23
Diethyl Ether
Concen: 1.985 ug/l
RT: 2.40 min Scan# 330
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
45	74.7	59.8	89.6
74	69.5	58.2	87.4

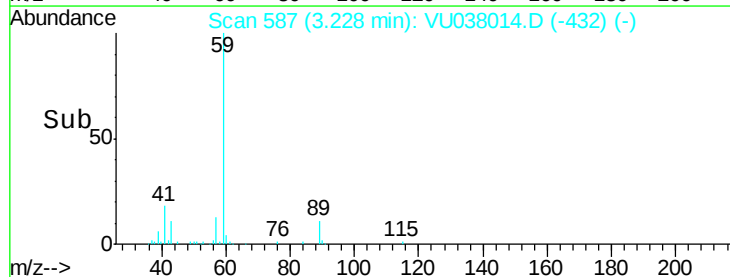
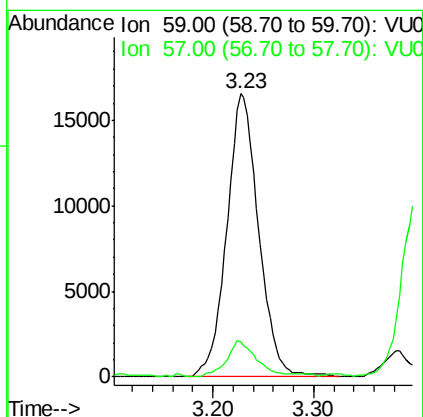
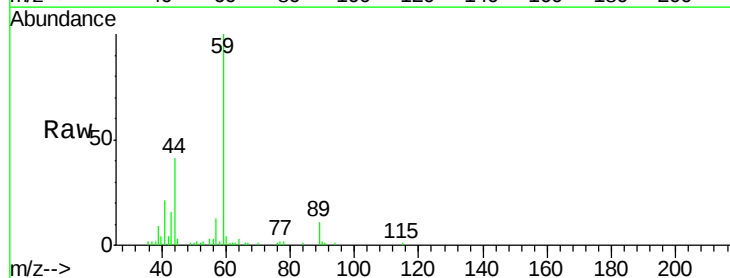
Manual Integrations
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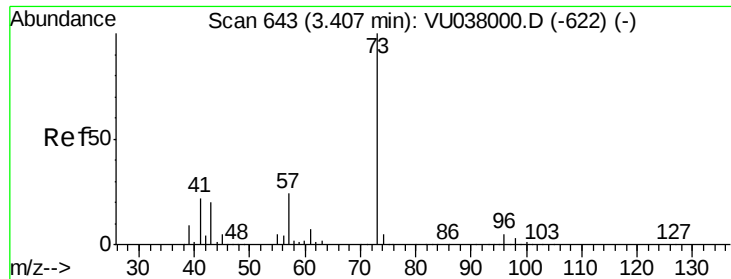
apatel
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#24
tert-Butyl Alcohol
Concen: 16.470 ug/l
RT: 3.23 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
59	100		
57	11.9	8.2	12.4





#25

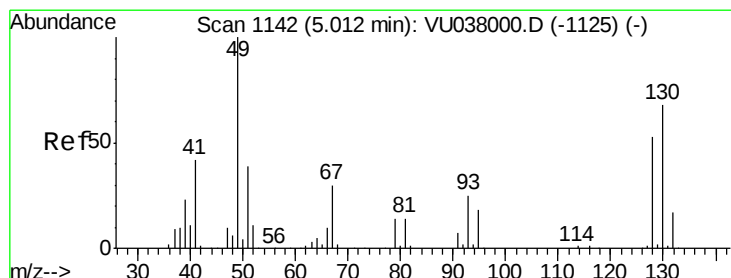
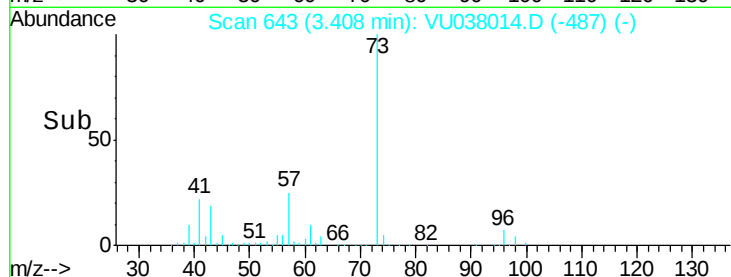
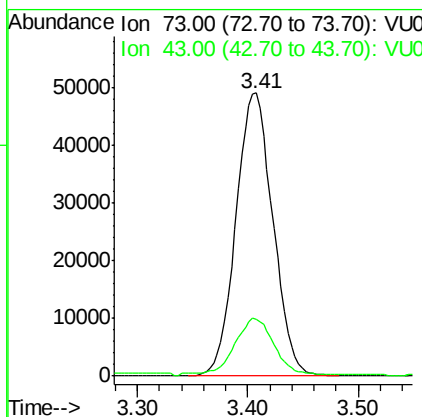
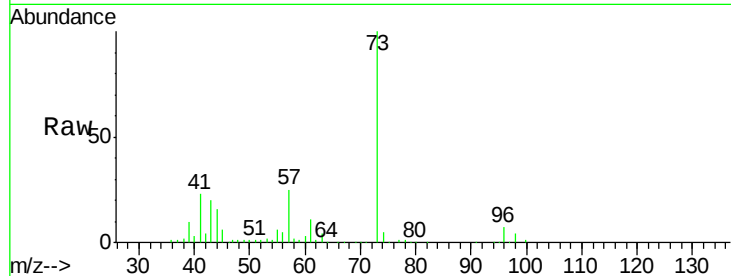
Methyl tert-Butyl Ether
 Concen: 1.835 ug/l
 RT: 3.41 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.8	16.2	24.2

Manual Integrations
 APPROVED

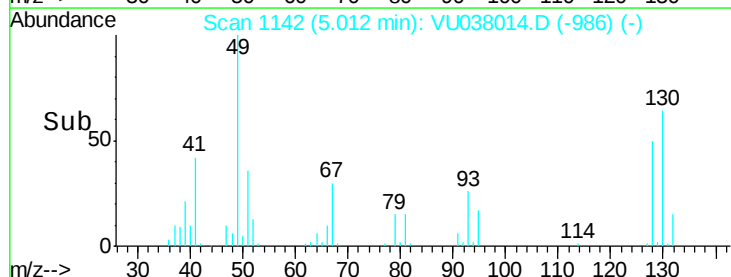
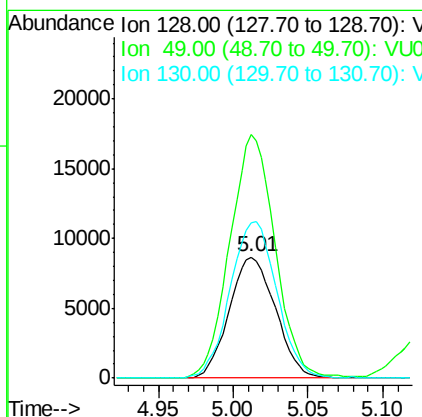
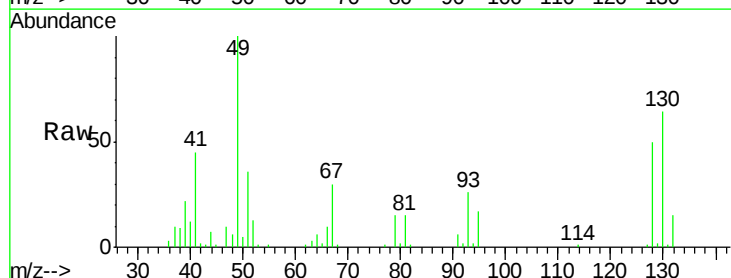
apatel
 5/6/2020 10:39:34 AM

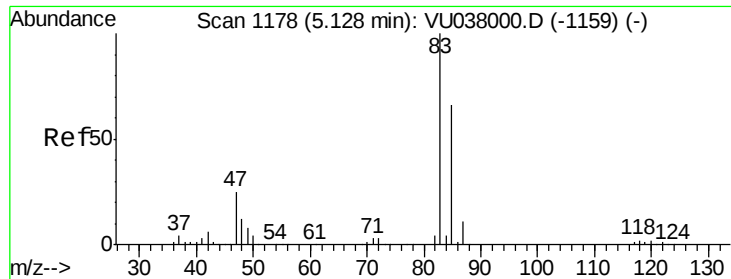


#26

Bromochloromethane
 Concen: 1.765 ug/l
 RT: 5.01 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
128	100		
49	196.7	0.0	376.0
130	130.5	102.6	153.8





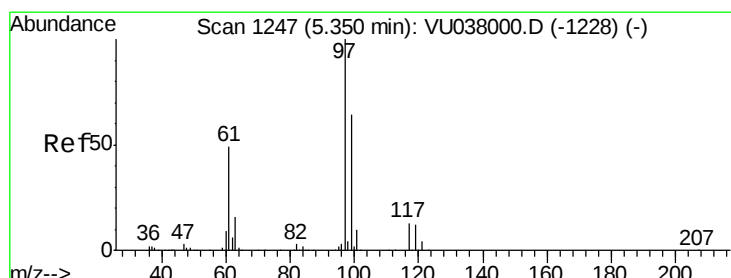
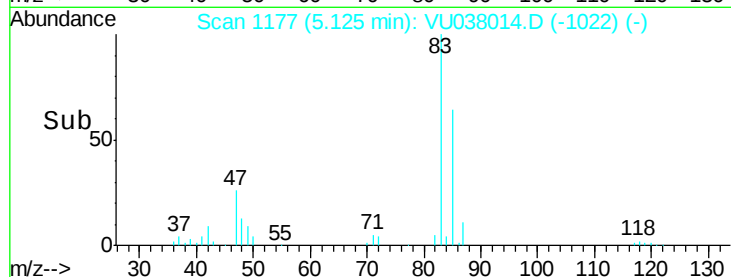
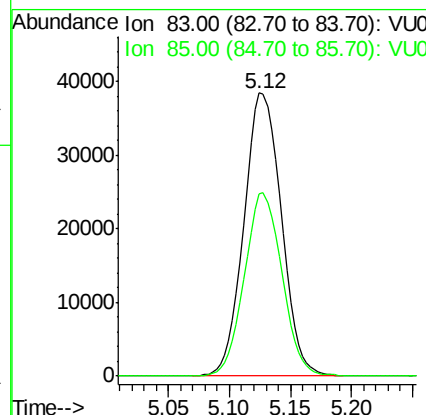
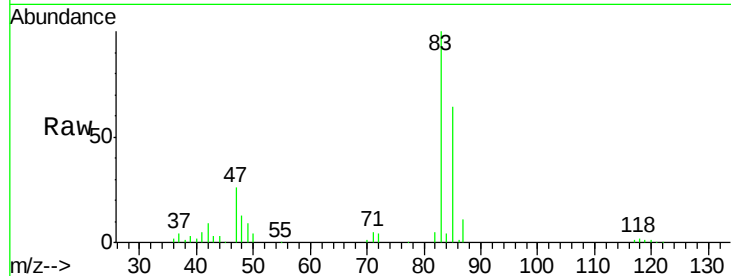
#27
Chloroform
Concen: 1.849 ug/l
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Tot Ion	83	Resp	81738
Ion Ratio	100	Lower	Upper
85	64.4	0.0	132.0

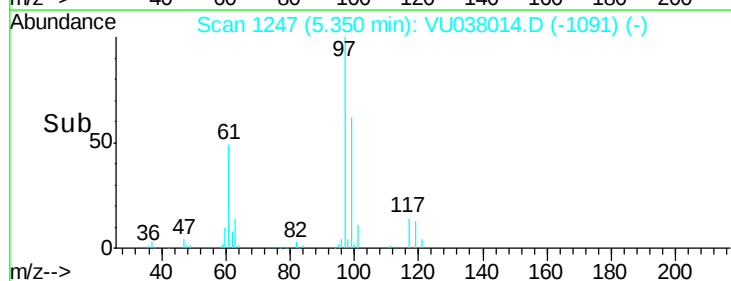
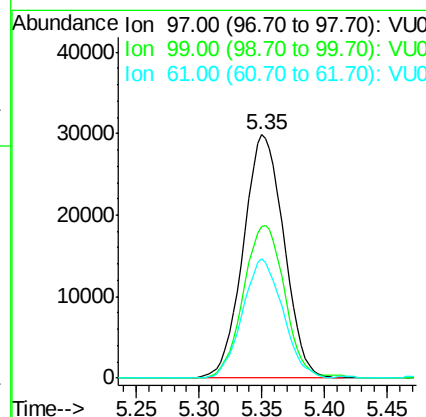
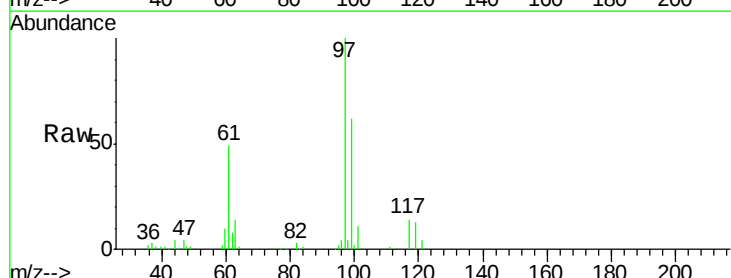
Manual Integrations
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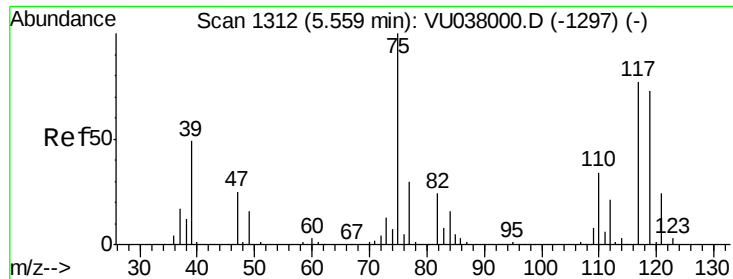
apatel
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#28
1,1,1-Trichloroethane
Concen: 1.846 ug/l
RT: 5.35 min Scan# 1247
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion	97	Resp	67254
Ion Ratio	100	Lower	Upper
99	63.2	31.9	95.9
61	48.5	24.1	72.4





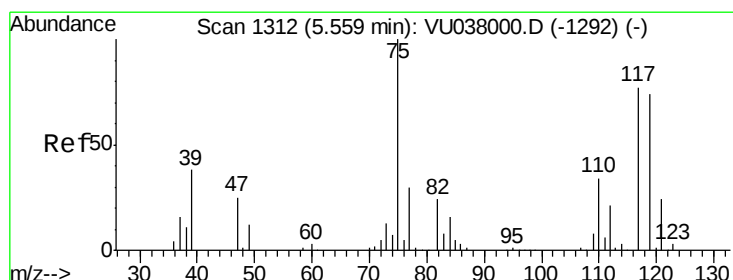
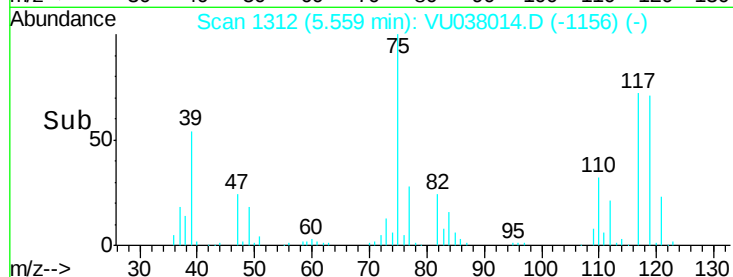
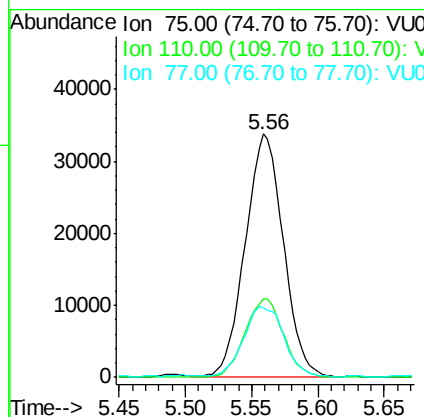
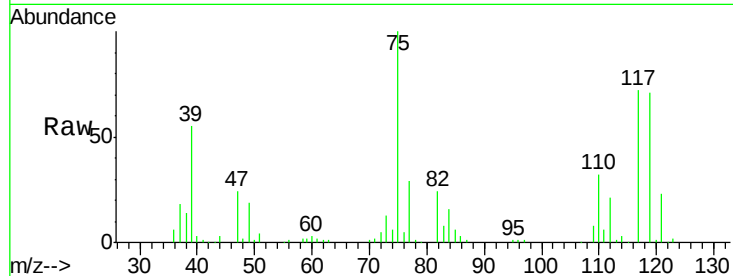
#29
 1,1-Dichloropropene
 Concen: 1.857 ug/l
 RT: 5.56 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.5	16.7	50.1
77	30.0	24.5	36.7

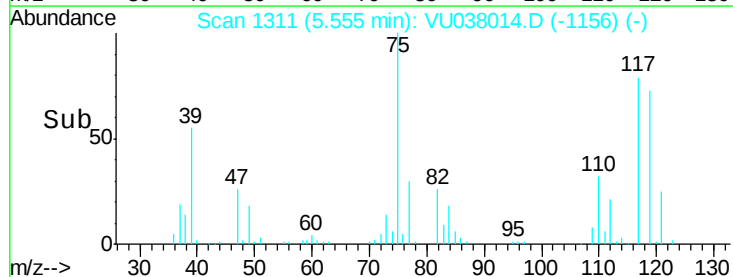
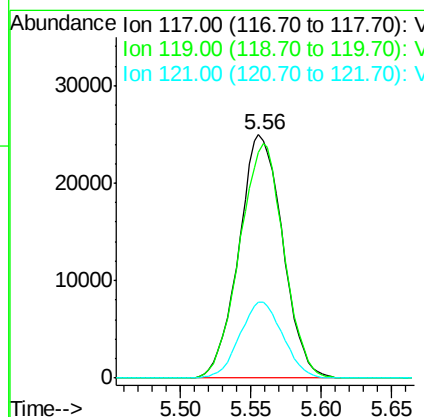
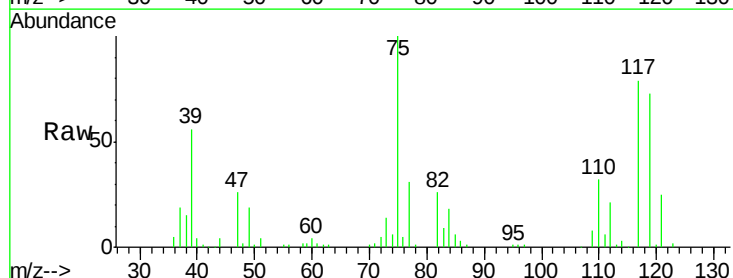
Manual Integrations
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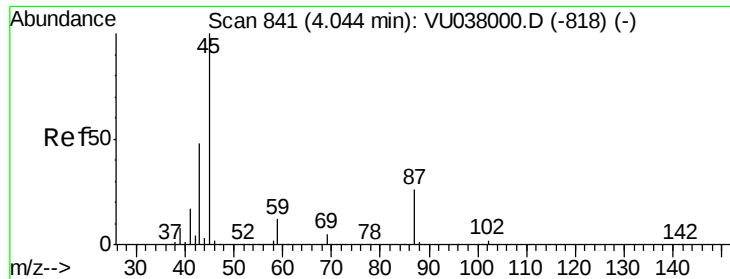
apatel
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#30
 Carbon Tetrachloride
 Concen: 1.783 ug/l
 RT: 5.56 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.3	114.5
121	31.3	24.7	37.1





#31

Isopropyl Ether

Concen: 1.803 ug/l

RT: 4.04 min Scan# 841

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0505WBSD01

Tot Ion: 45 Resp: 139866

Ion Ratio Lower Upper

45 100

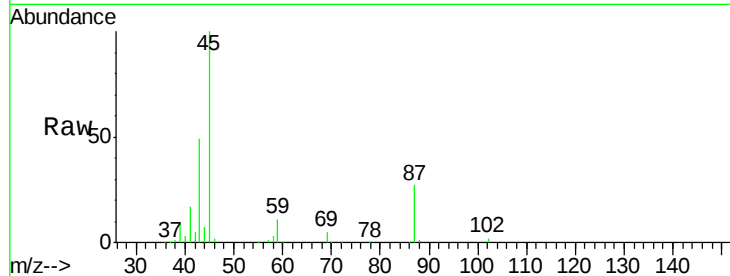
43 49.0 24.2 72.6

Manual Integrations

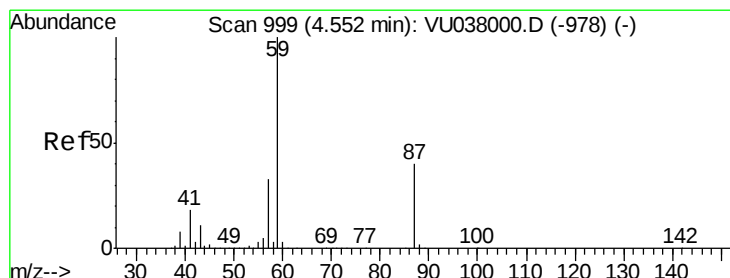
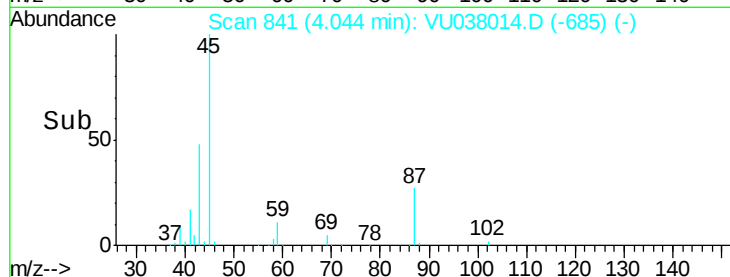
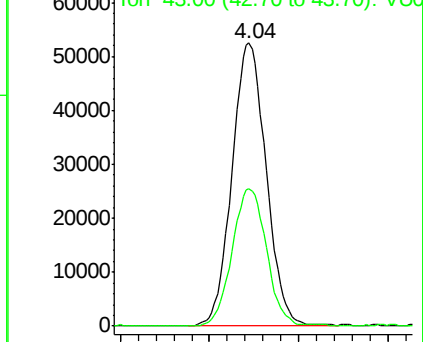
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Abundance Ion 45.00 (44.70 to 45.70): VU038014.D (-843) (-)



#32

Ethyl-t-butyl ether

Concen: 1.741 ug/l

RT: 4.55 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU038014.D

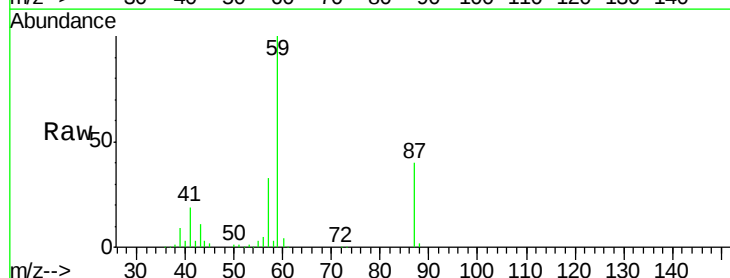
Acq: 05 May 2020 13:41

Tgt Ion: 59 Resp: 121923

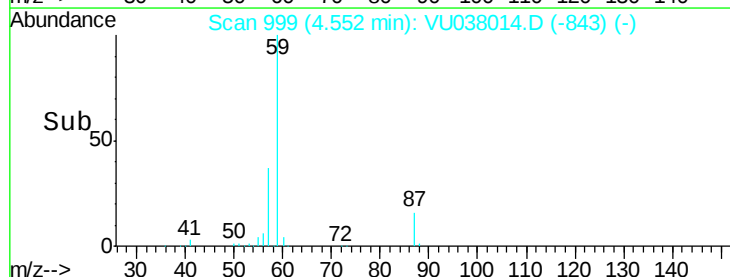
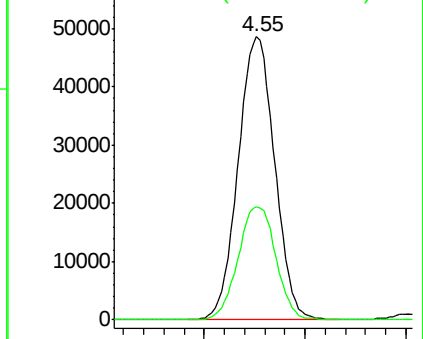
Ion Ratio Lower Upper

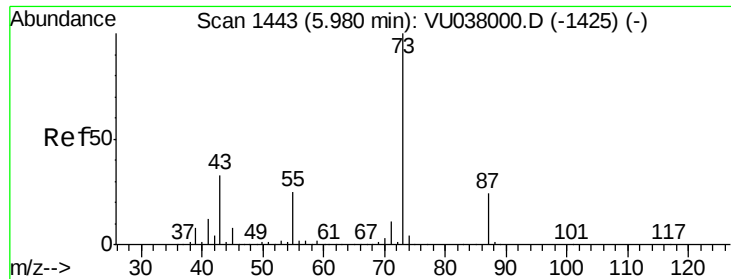
59 100

87 41.2 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU038014.D (-843) (-)





#33

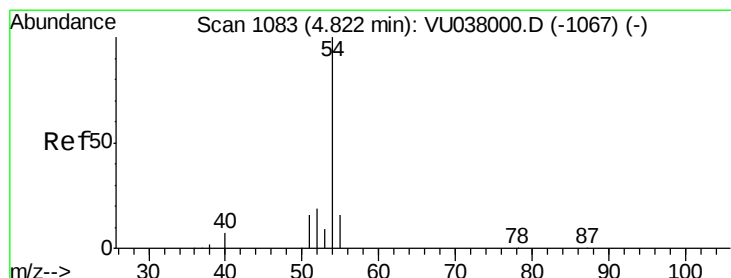
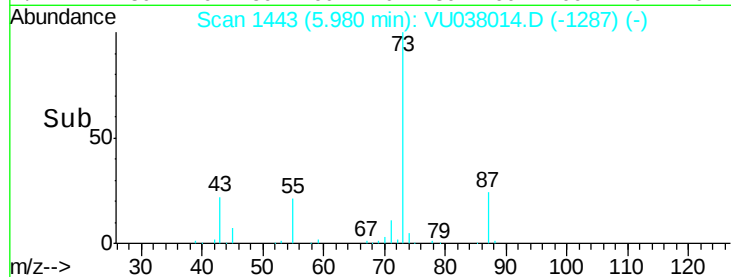
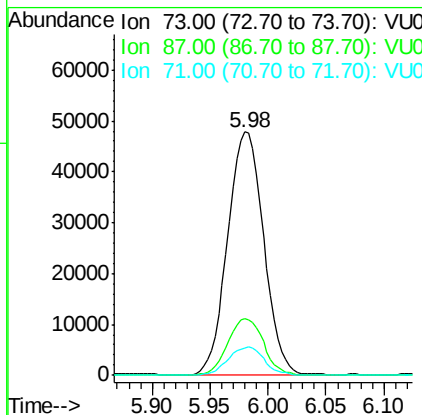
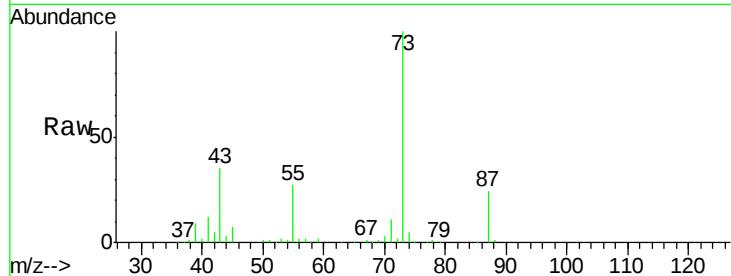
Tert-Butyl methyl ether
 Concen: 1.708 ug/l
 RT: 5.98 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.2	18.9	28.3
71	11.7	9.1	13.7

Manual Integrations
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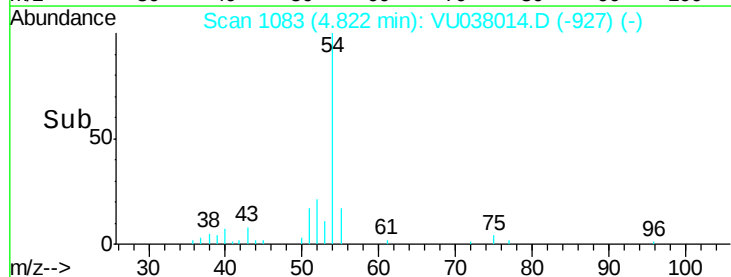
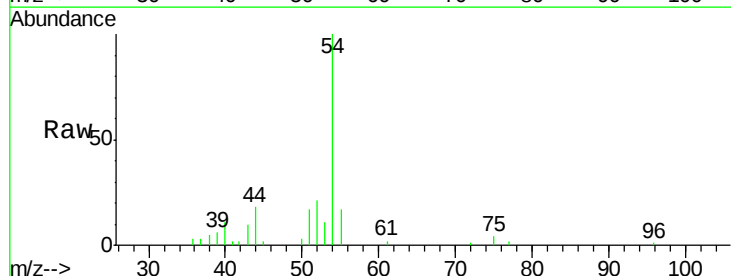
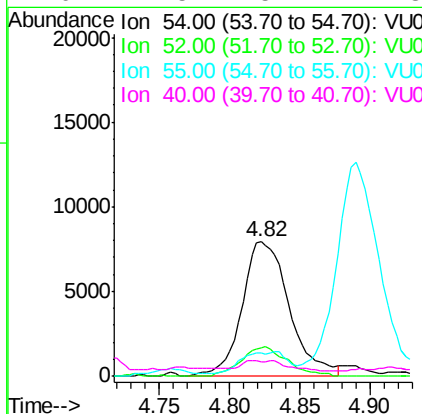
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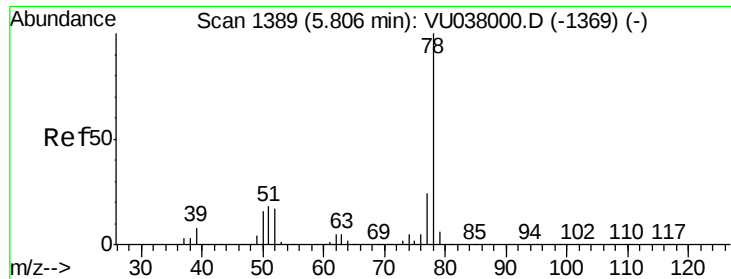


#34

Propionitrile
 Concen: 8.704 ug/l
 RT: 4.82 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
54	100		
52	21.0	15.8	23.8
55	8.8	13.2	19.8#
40	2.5	5.2	7.8#





#35

Benzene

Concen: 1.882 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0505WBSD01

Tot Ion: 78 Resp: 193088

Ion Ratio Lower Upper

78 100

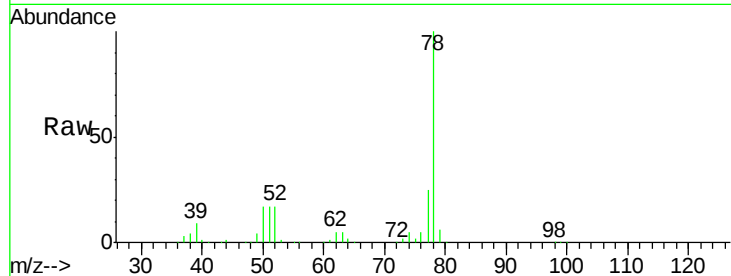
77 24.8 19.3 28.9

Manual Integrations

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Abundance Ion 78.10 (77.80 to 78.80): VU038014.D (-1233) (-)

Ion 77.00 (76.70 to 77.70): VU038014.D (-1233) (-)

5.81

100000

80000

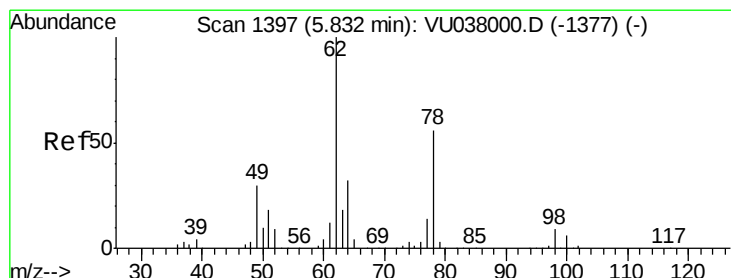
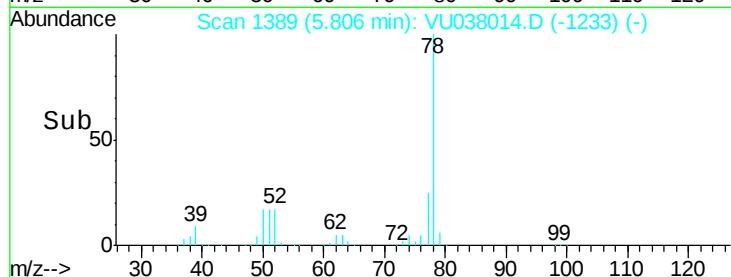
60000

40000

20000

0

Time-->



#36

1,2-Dichloroethane

Concen: 1.919 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038014.D

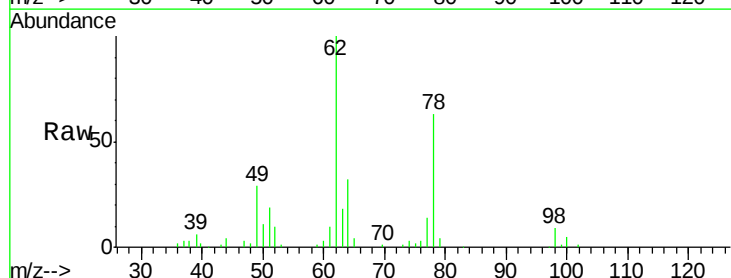
Acq: 05 May 2020 13:41

Tgt Ion: 62 Resp: 58238

Ion Ratio Lower Upper

62 100

98 8.5 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU038014.D (-1241) (-)

Ion 98.00 (97.70 to 98.70): VU038014.D (-1241) (-)

5.83

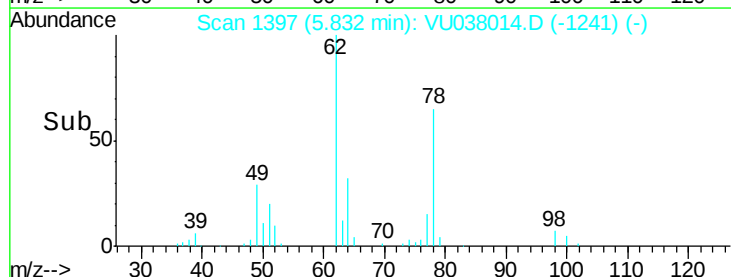
30000

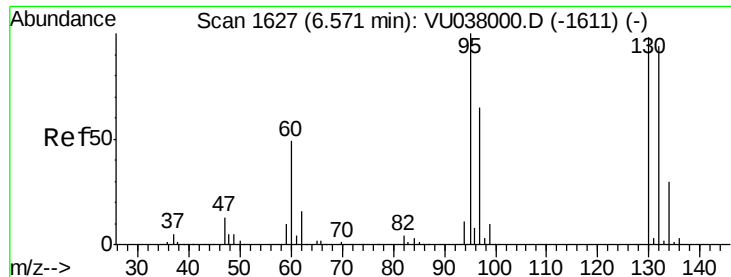
20000

10000

0

Time-->





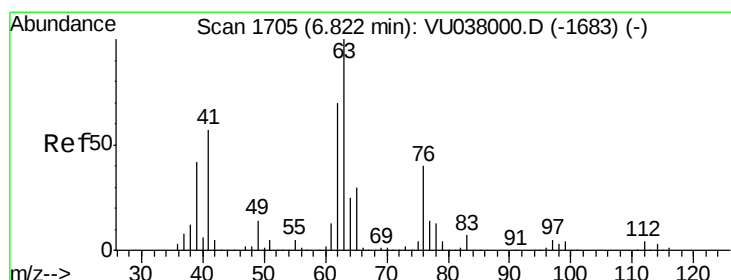
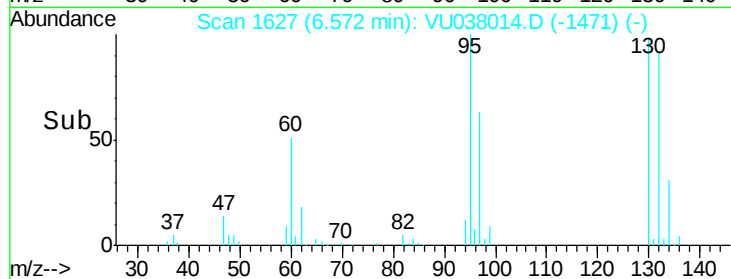
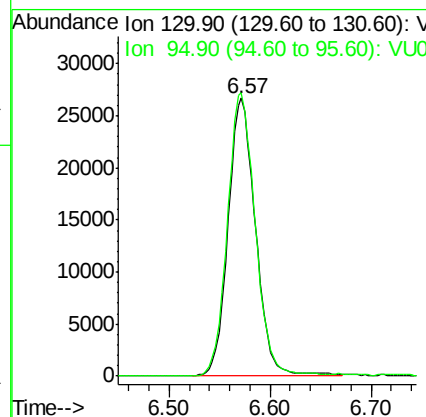
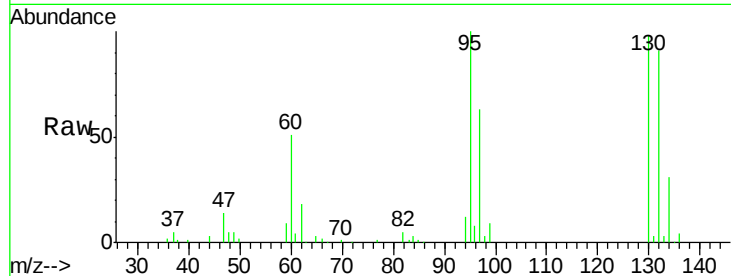
#37
 Trichloroethene
 Concen: 1.885 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0505WBSD01

Tot Ion:130 Resp: 50778
 Ion Ratio Lower Upper
 130 100
 95 102.0 81.6 122.4

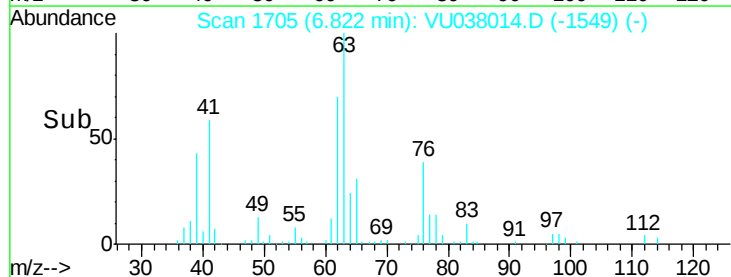
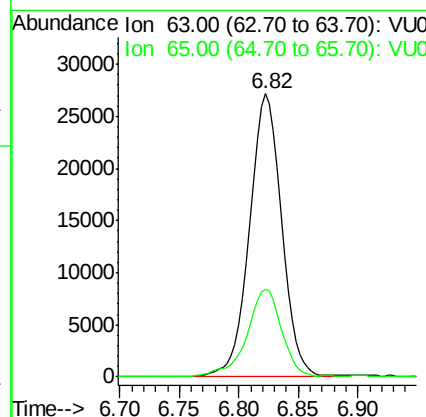
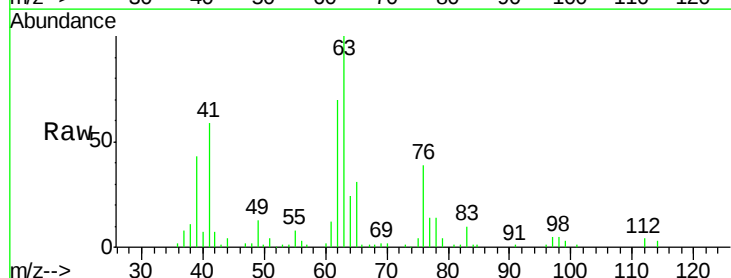
Manual Integrations
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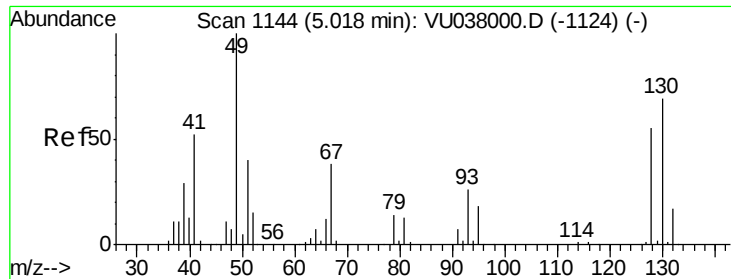
apatel
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#38
 1,2-Dichloropropane
 Concen: 1.851 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion: 63 Resp: 51094
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.1 36.1





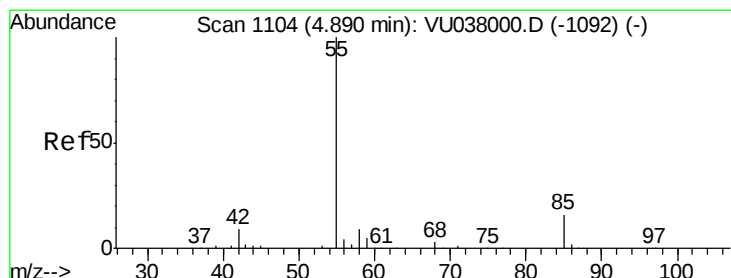
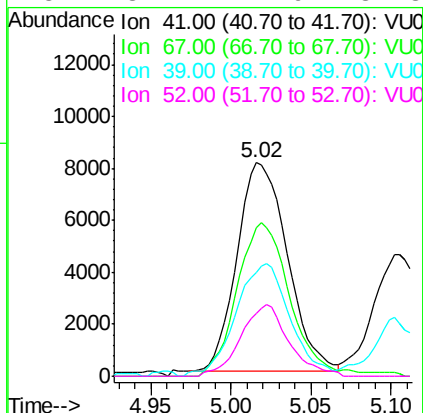
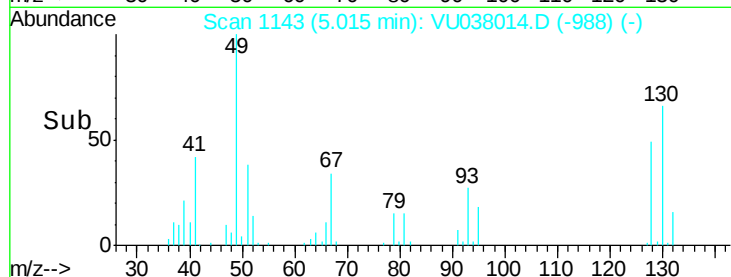
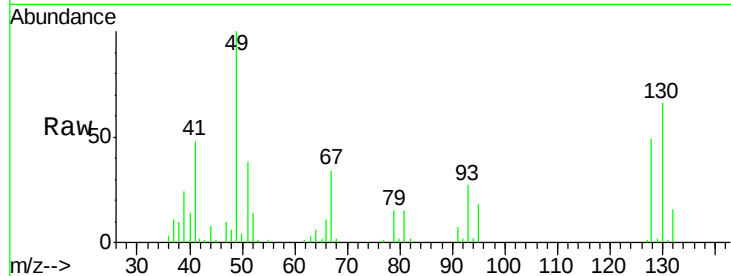
#39
Methacrylonitrile
Concen: 1.734 ug/l
RT: 5.02 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		17322		
67	77.5	58.0	87.0		
39	58.0	43.2	64.8		
52	32.7	22.9	34.3		

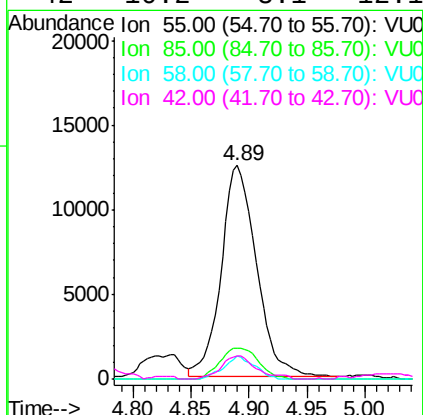
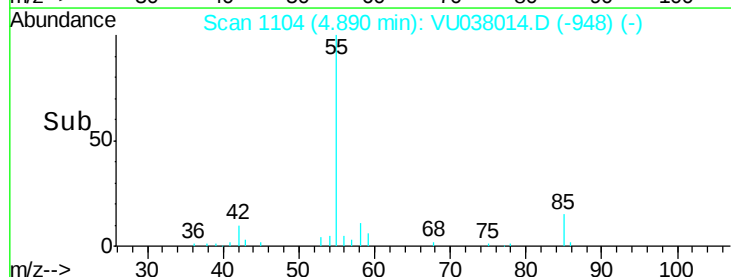
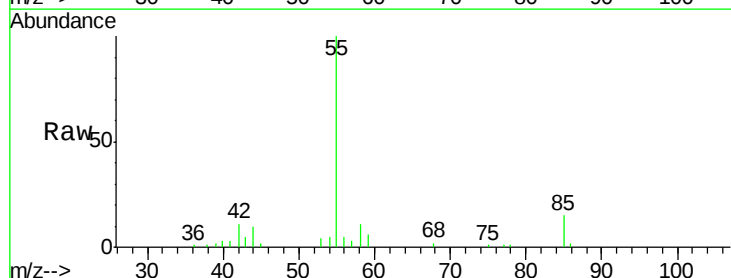
Manual Integrations
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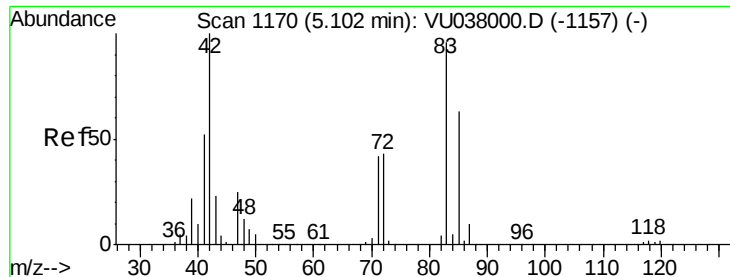
apatel
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#40
Methyl acrylate
Concen: 1.807 ug/l
RT: 4.89 min Scan# 1104
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
55	100		26598		
85	15.8	12.9	19.3		
58	9.2	7.2	10.8		
42	10.2	8.1	12.1		





#41

Tetrahydrofuran

Concen: 3.654 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

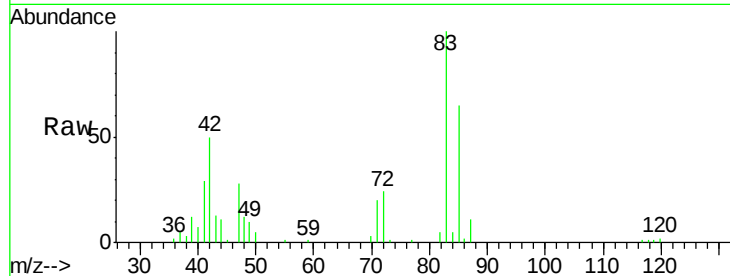
ClientSampleId :

VU0505WBSD01

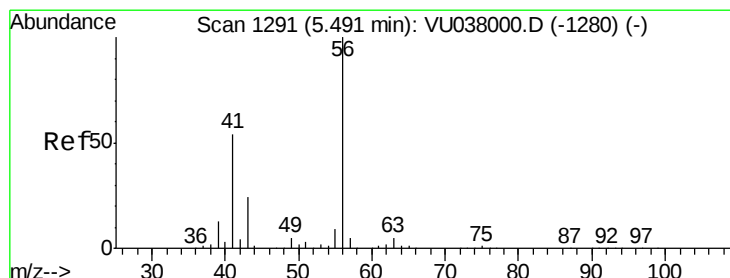
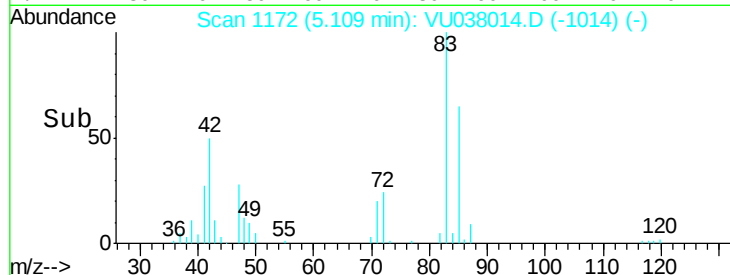
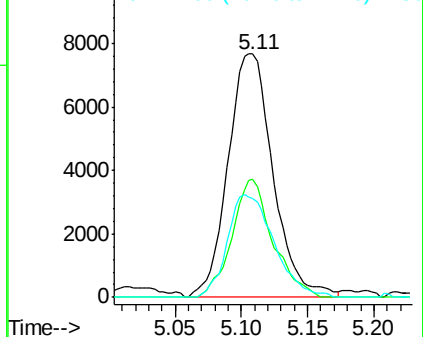
Tot Ion:	42	Resp:	18202
Ion	Ratio	Lower	Upper
42	100		
72	43.8	37.4	56.2
71	43.6	32.8	49.2

Manual Integrations
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Abundance Ion 42.00 (41.70 to 42.70): VU038014.D (-1014) (-)



#42

1-Chlorobutane

Concen: 1.860 ug/l

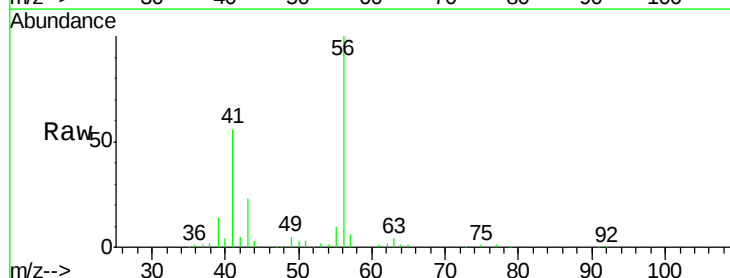
RT: 5.49 min Scan# 1291

Delta R.T. 0.00 min

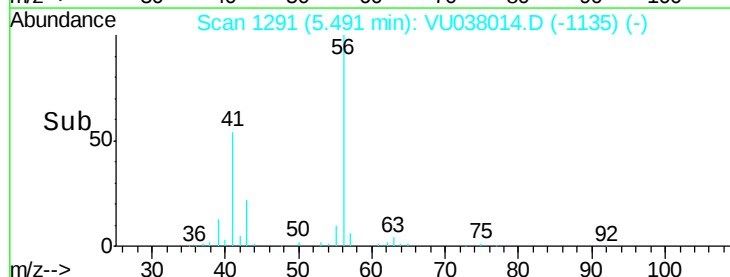
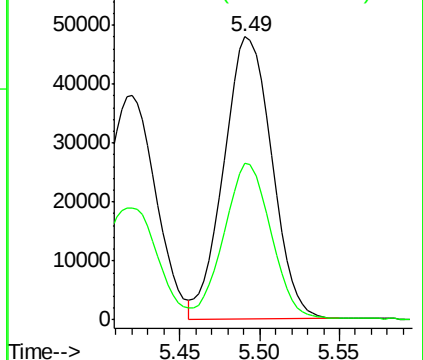
Lab File: VU038014.D

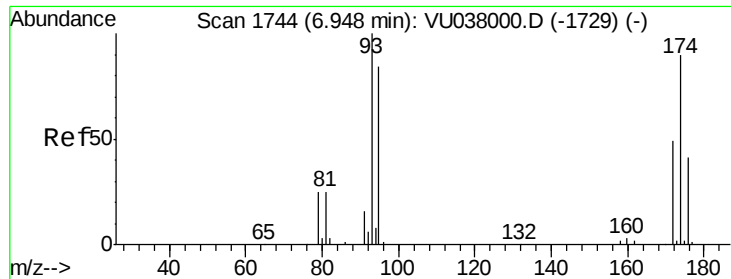
Acq: 05 May 2020 13:41

Tgt Ion:	56	Resp:	98237
Ion	Ratio	Lower	Upper
56	100		
41	53.6	26.8	80.4



Abundance Ion 56.00 (55.70 to 56.70): VU038014.D (-1135) (-)





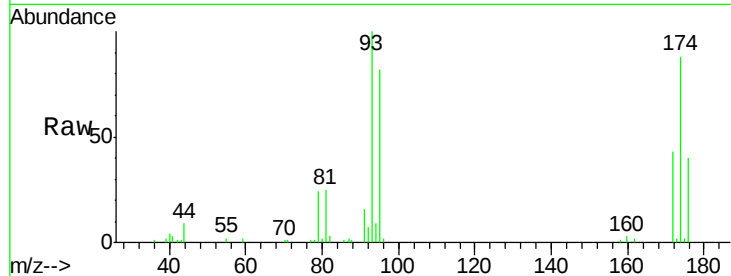
#43
Dibromomethane
Concen: 1.817 ug/l
RT: 6.95 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

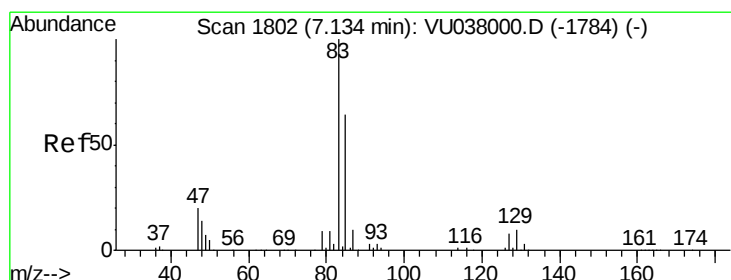
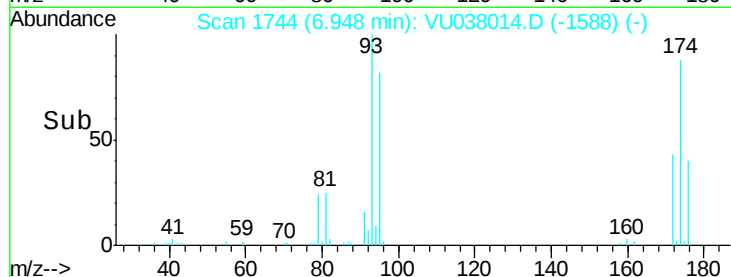
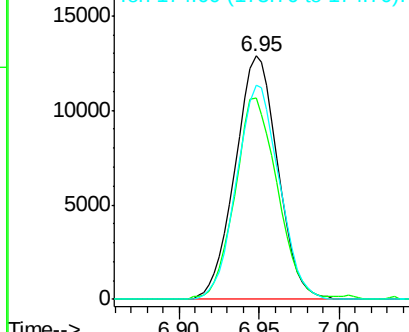
Tot Ion: 93 Resp: 23366
Ion Ratio Lower Upper
93 100
95 82.6 66.1 99.1
174 88.0 72.8 109.2

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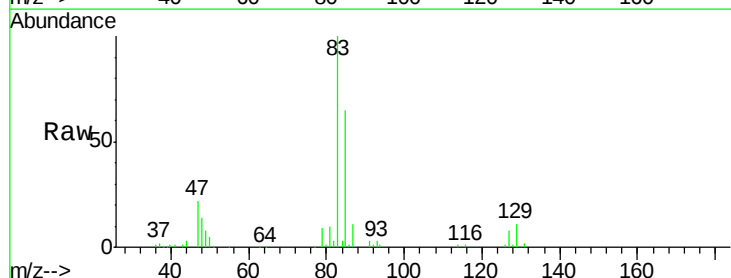


Abundance Ion 93.00 (92.70 to 93.70): VU0
Ion 95.00 (94.70 to 95.70): VU0
Ion 174.00 (173.70 to 174.70): V

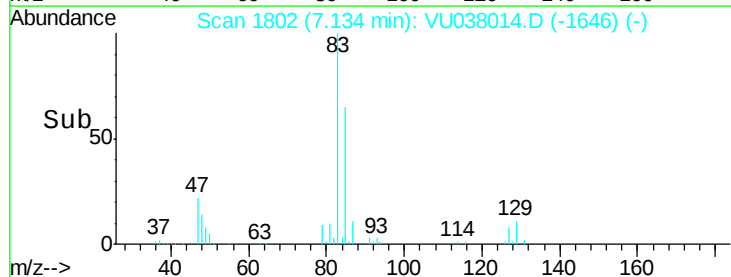
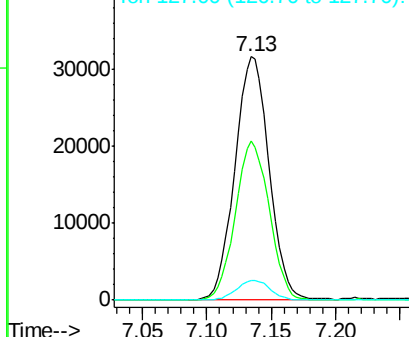


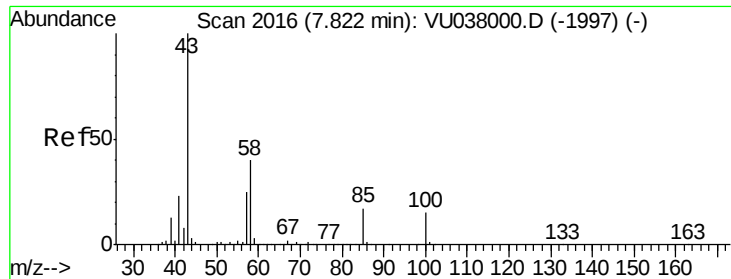
#44
Bromodichloromethane
Concen: 1.812 ug/l
RT: 7.13 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 83 Resp: 58533
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.0
127 8.3 6.2 9.2



Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 127.00 (126.70 to 127.70): V





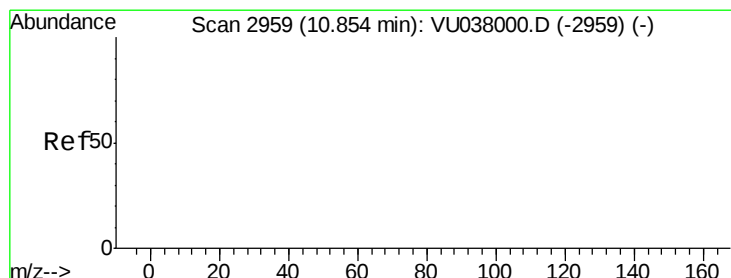
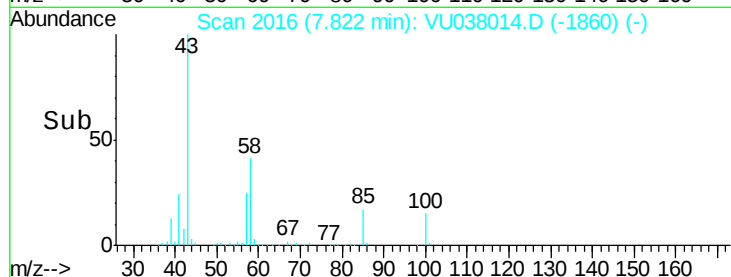
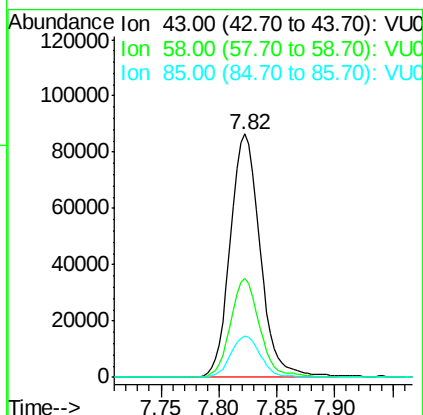
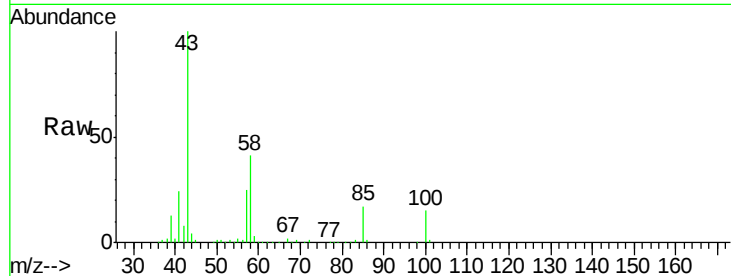
#45
4-Methyl-2-Pentanone
Concen: 8.861 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	20.1	60.3
85	16.9	13.7	20.5

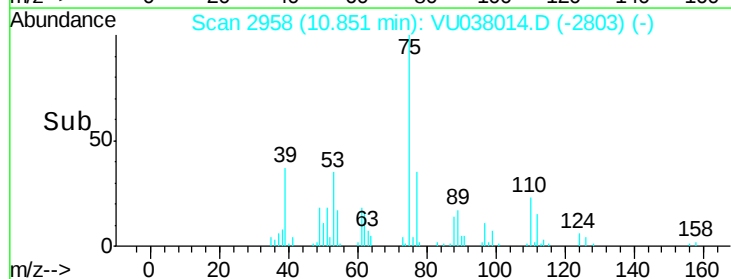
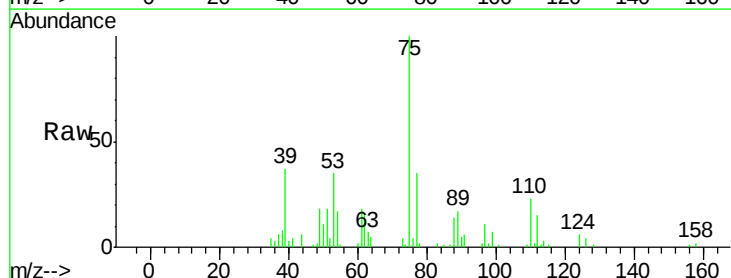
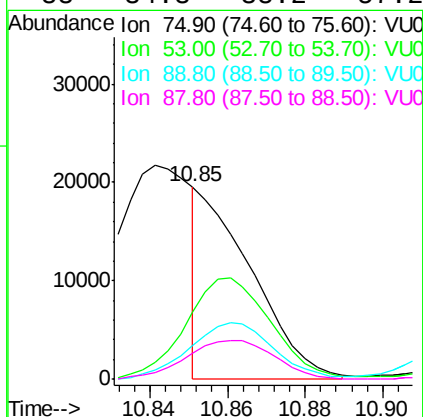
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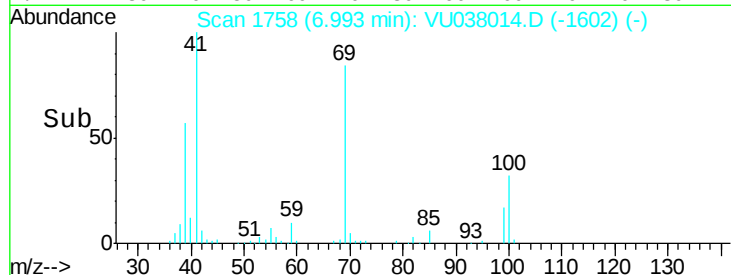
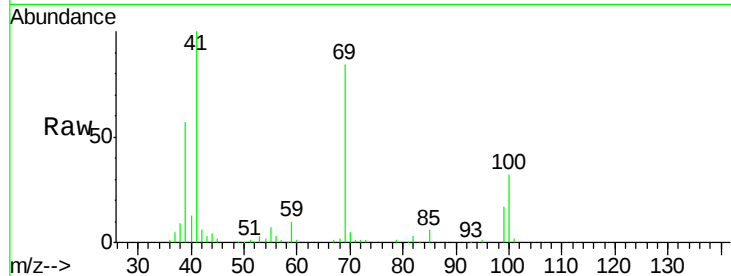
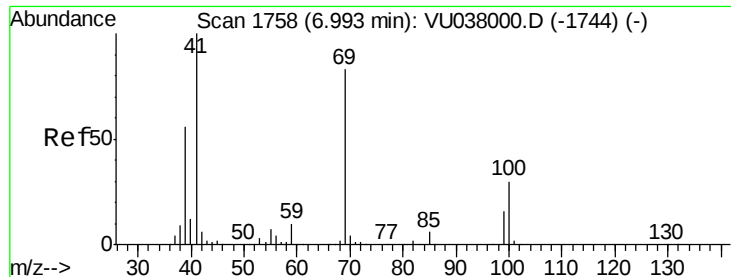
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#46
t-1,4-Dichloro-2-butene
Concen: 3.343 ug/l m
RT: 10.85 min Scan# 2958
Delta R.T. -0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
53	86.8	81.1	121.7
89	47.6	53.2	79.8#
88	34.3	38.2	57.2#





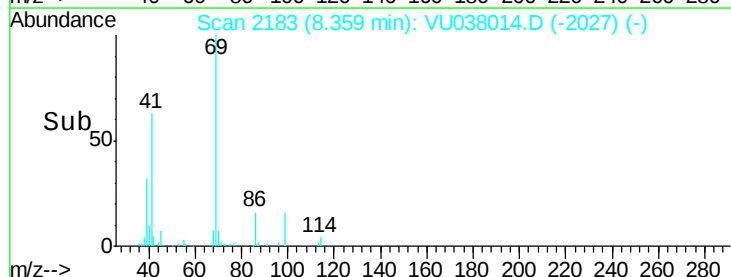
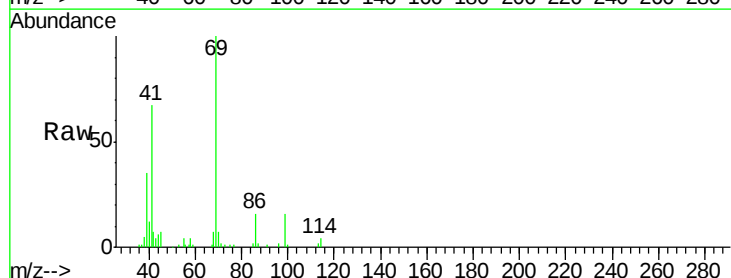
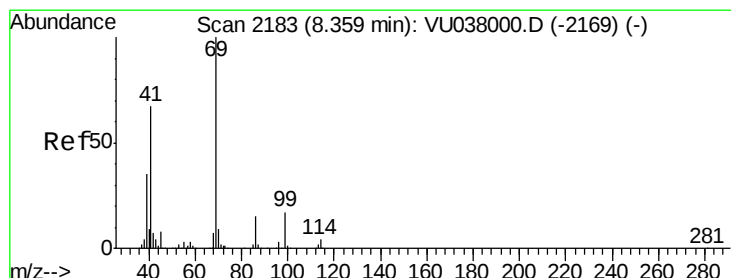
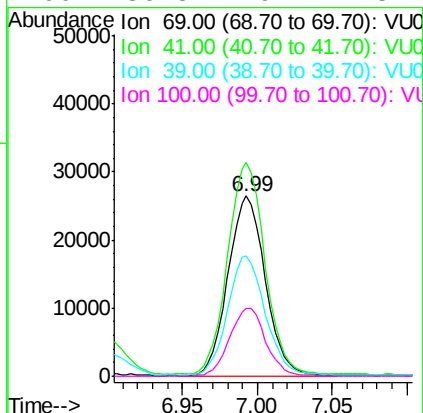
#47
Methyl methacrylate
Concen: 3.532 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tot Ion	Ratio	Lower	Upper
69	100		
41	115.8	0.0	241.6
39	65.6	52.9	79.3
100	36.3	29.1	43.7

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

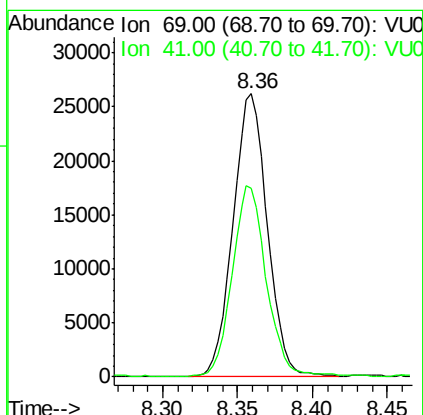
Manual Integrations
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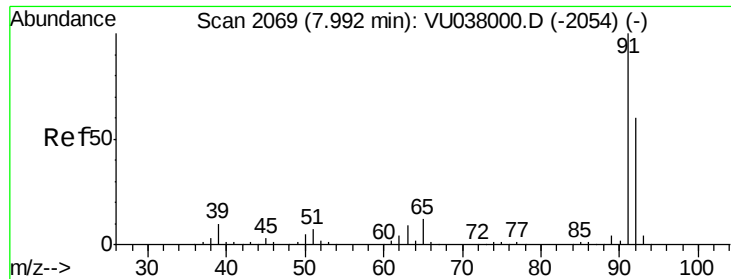
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#48
Ethyl methacrylate
Concen: 1.727 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.0	33.6	100.8





#49

Toluene

Concen: 1.876 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0505WBSD01

Tot Ion: 92 Resp: 121674

Ion Ratio Lower Upper

92 100

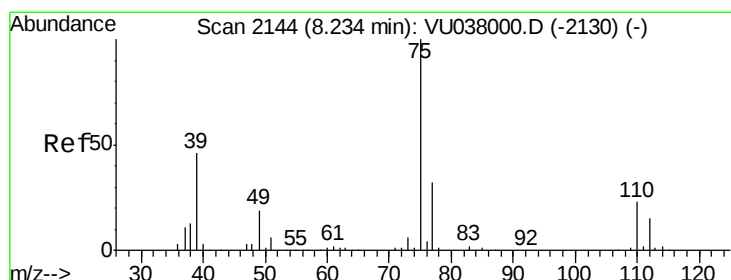
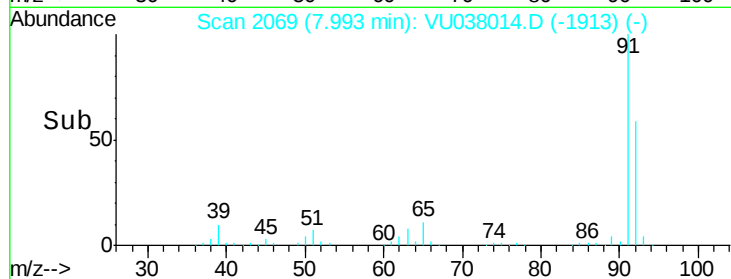
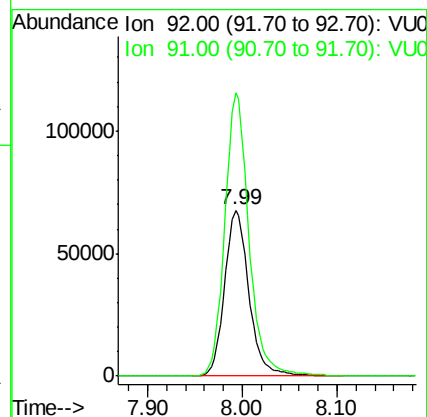
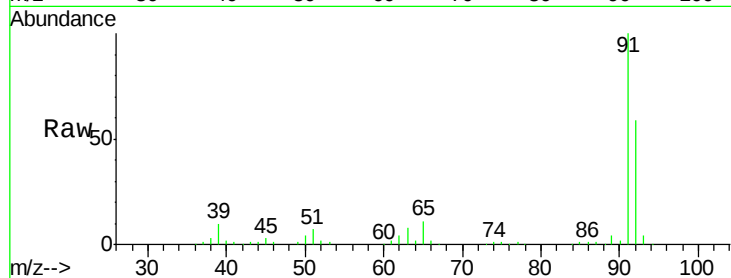
91 167.8 134.4 201.6

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 1.714 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038014.D

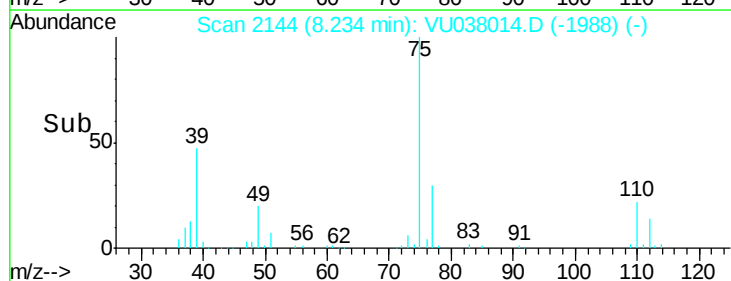
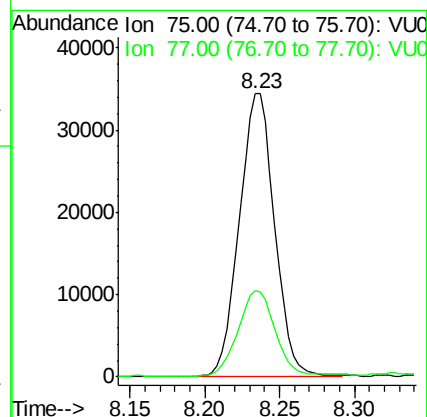
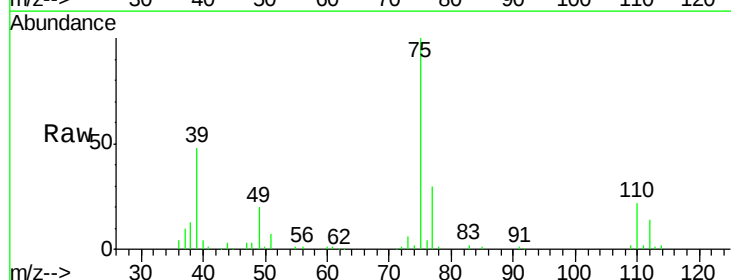
Acq: 05 May 2020 13:41

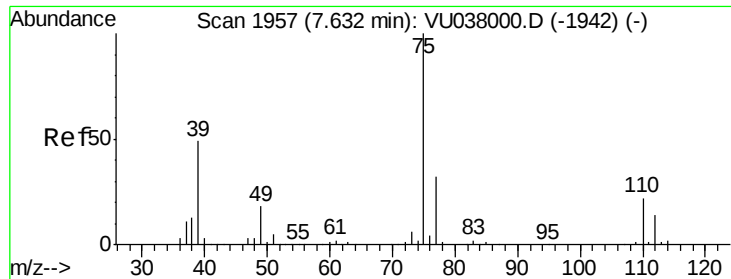
Tgt Ion: 75 Resp: 56561

Ion Ratio Lower Upper

75 100

77 30.0 25.8 38.8





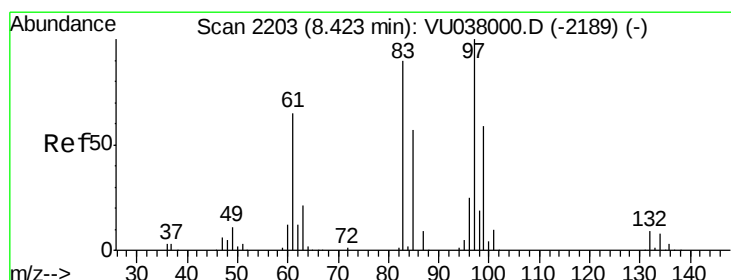
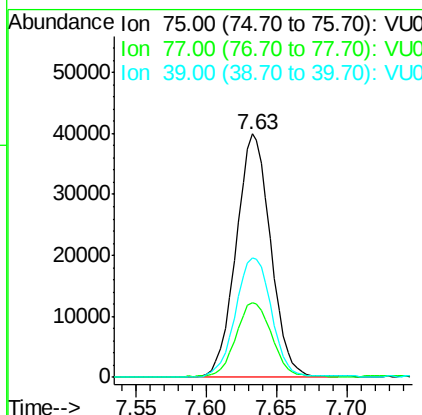
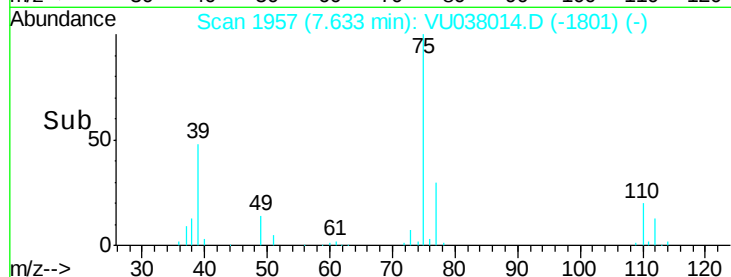
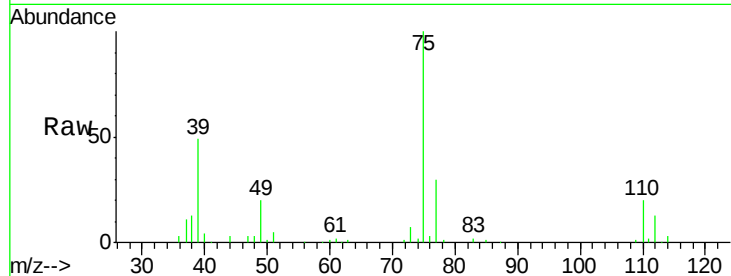
#51
 cis-1,3-Dichloropropene
 Concen: 1.735 ug/l
 RT: 7.63 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.5	38.3
39	48.8	39.0	58.4

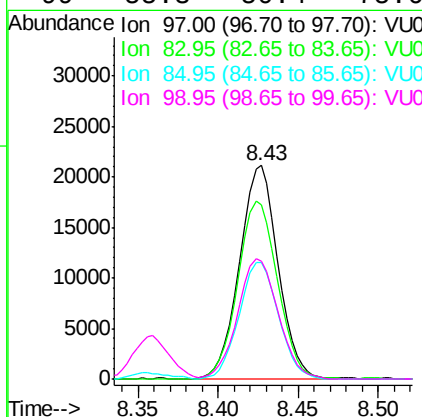
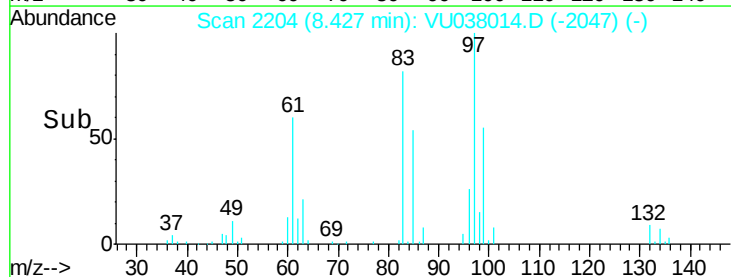
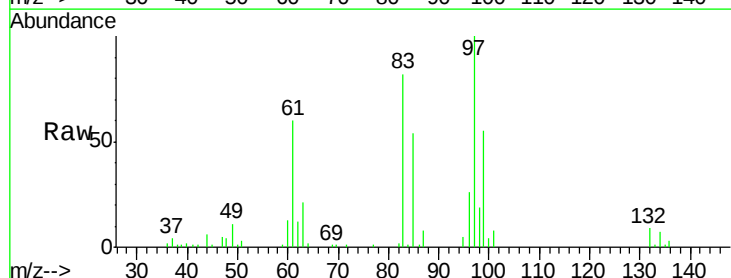
Manual Integrations
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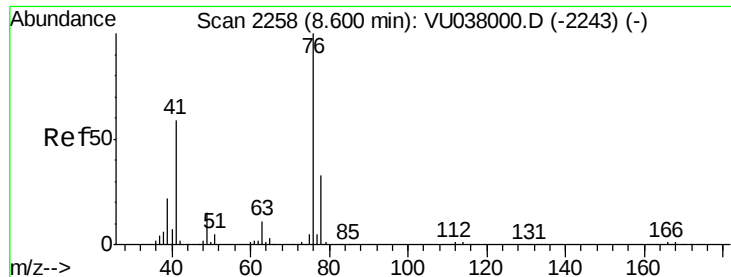
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#52
 1,1,2-Trichloroethane
 Concen: 1.902 ug/l
 RT: 8.43 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.8	72.4	108.6
85	54.4	46.0	69.0
99	55.3	50.4	75.6





#53

1,3-Dichloropropane

Concen: 1.862 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0505WBSD01

Tot Ion: 76 Resp: 63680

Ion Ratio Lower Upper

76 100

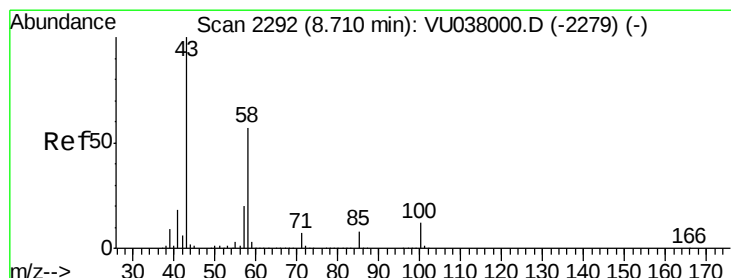
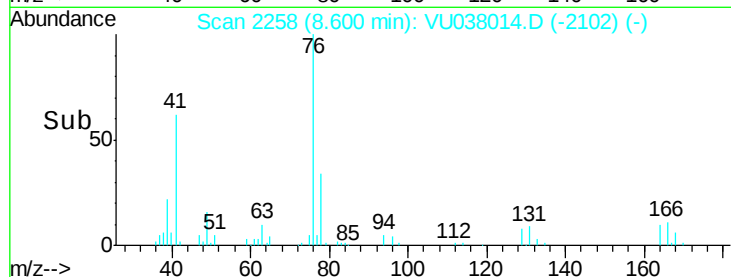
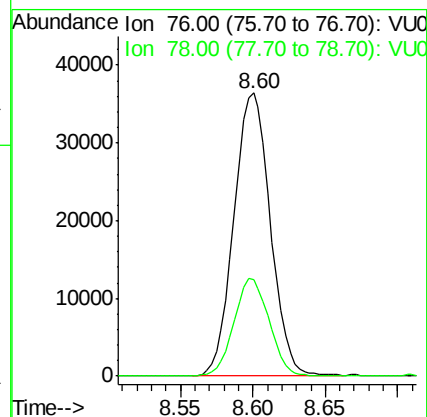
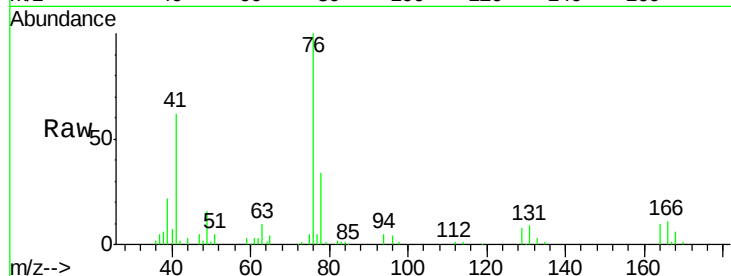
78 33.5 25.8 38.6

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#54

2-Hexanone

Concen: 8.564 ug/l

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

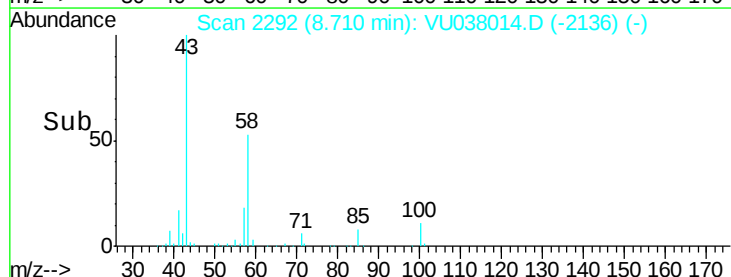
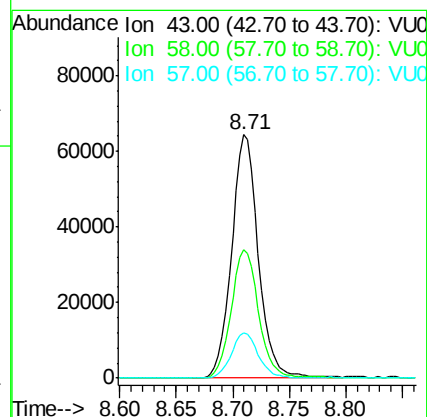
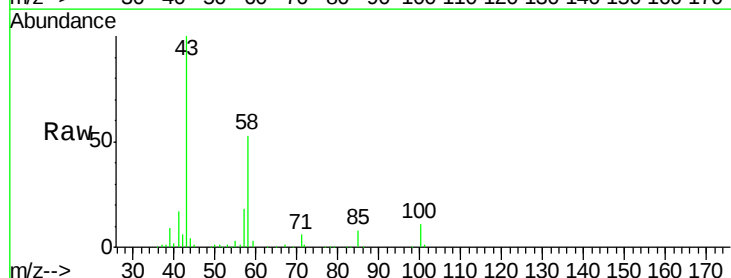
Tgt Ion: 43 Resp: 105961

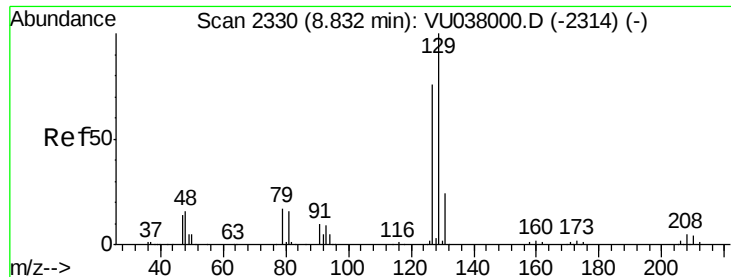
Ion Ratio Lower Upper

43 100

58 53.6 36.5 76.5

57 18.7 0.0 39.5





#55

Dibromochloromethane

Concen: 1.721 ug/l

RT: 8.83 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0505WBSD01

Tot Ion:129 Resp: 34726

Ion Ratio Lower Upper

129 100

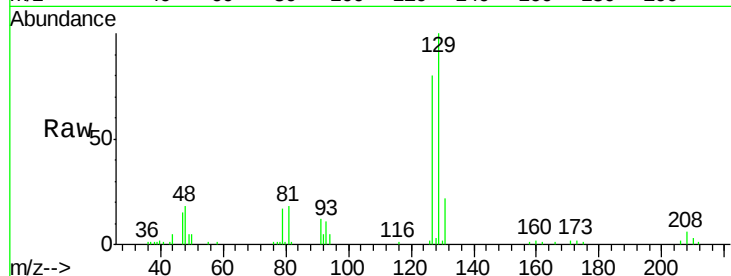
127 77.3 62.2 93.2

Manual Integrations

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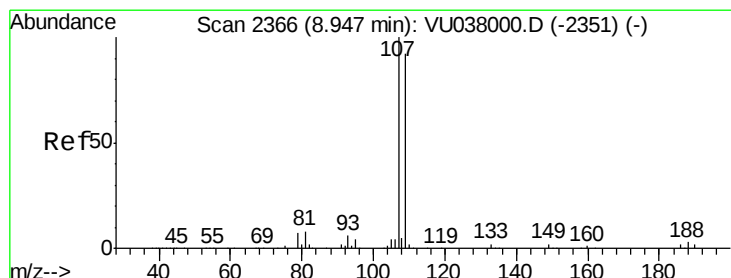
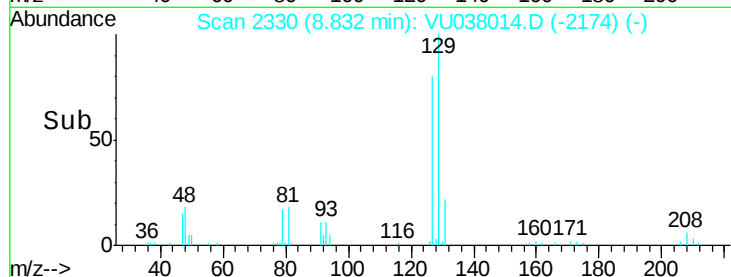
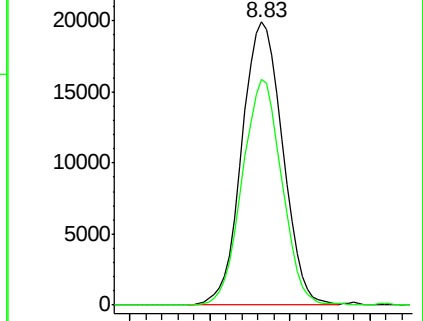
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.779 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU038014.D

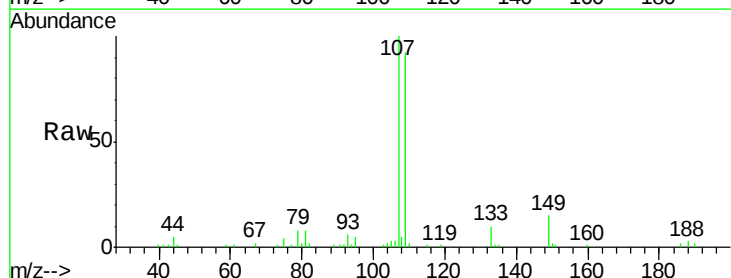
Acq: 05 May 2020 13:41

Tgt Ion:107 Resp: 30555

Ion Ratio Lower Upper

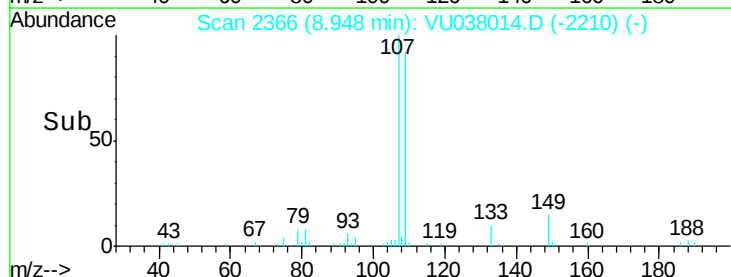
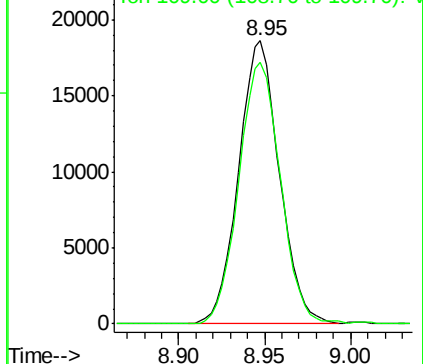
107 100

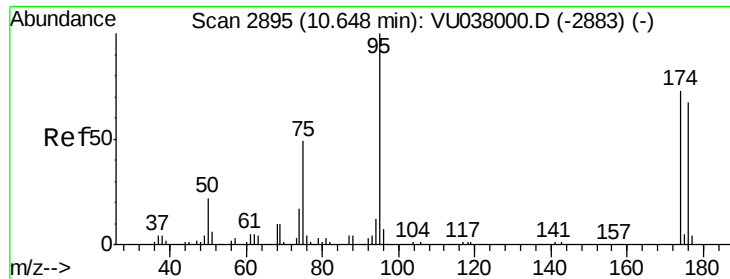
109 94.3 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





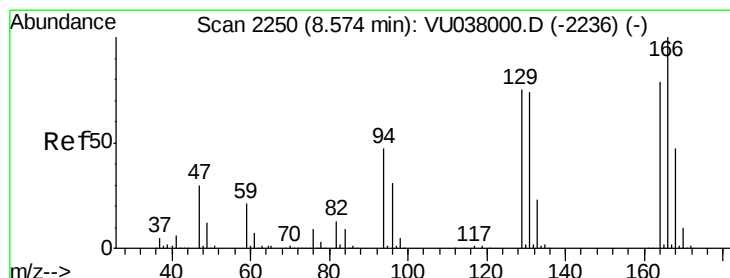
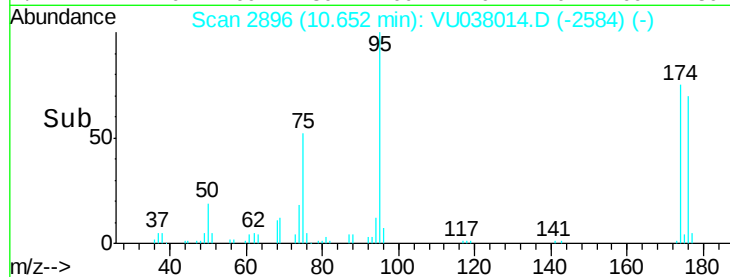
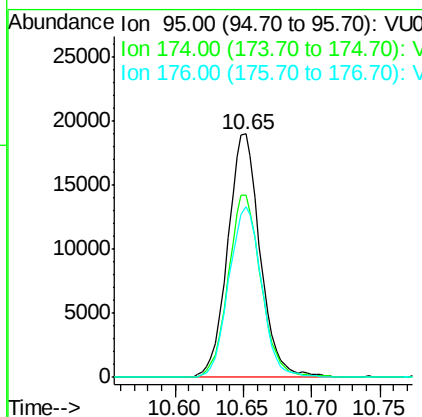
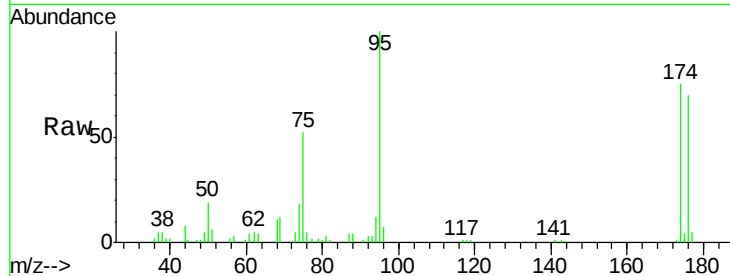
#57
4-Bromofluorobenzene
Concen: 0.933 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
95	100		
174	75.1	61.2	91.8
176	70.6	57.1	85.7

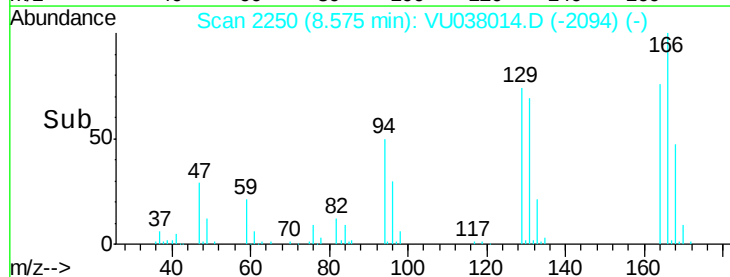
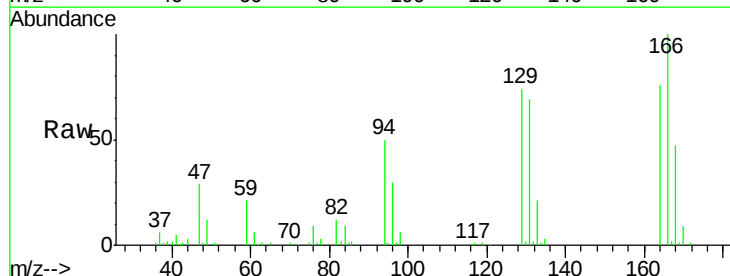
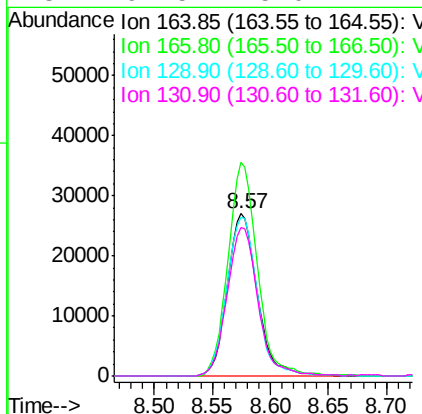
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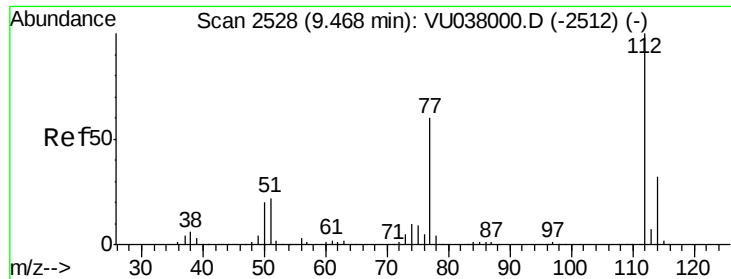
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#58
Tetrachloroethene
Concen: 1.919 ug/l
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.9	101.5	152.3
129	97.8	76.6	114.8
131	91.5	75.0	112.4





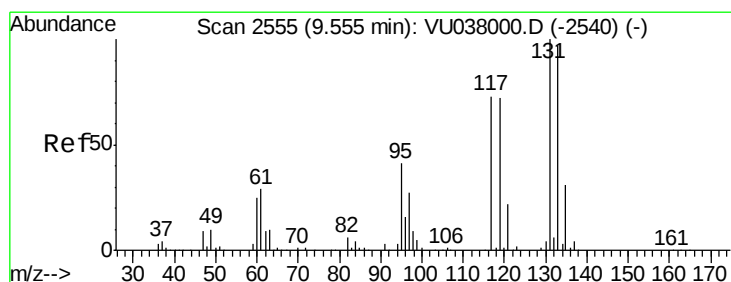
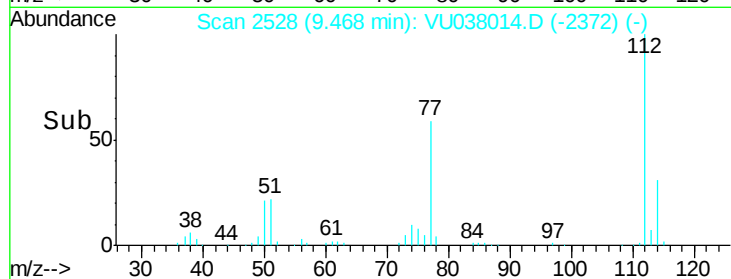
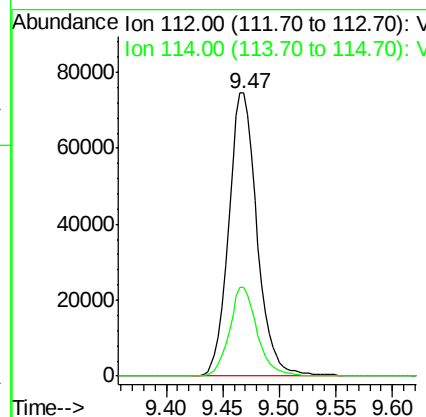
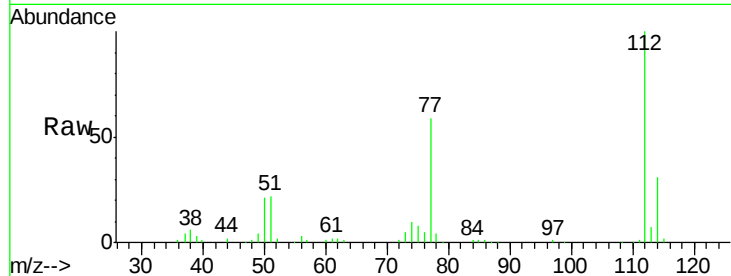
#59
Chlorobenzene
Concen: 1.897 ug/l
RT: 9.47 min Scan# 2528
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Tot Ion:112 Resp: 130630
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

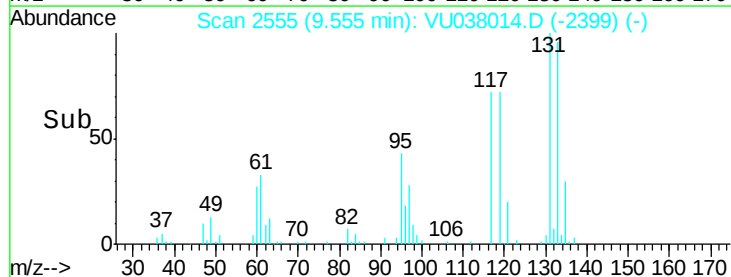
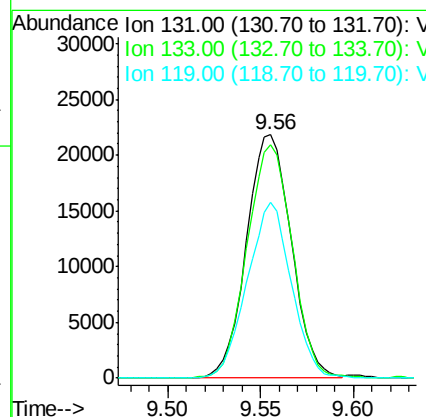
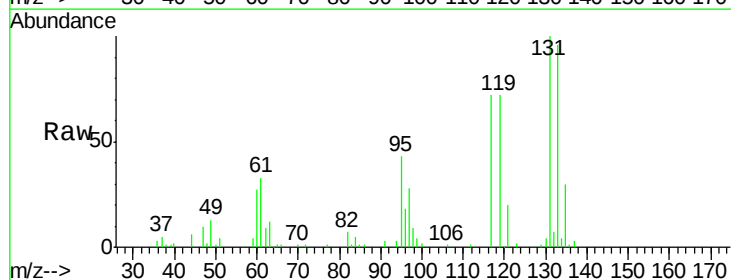
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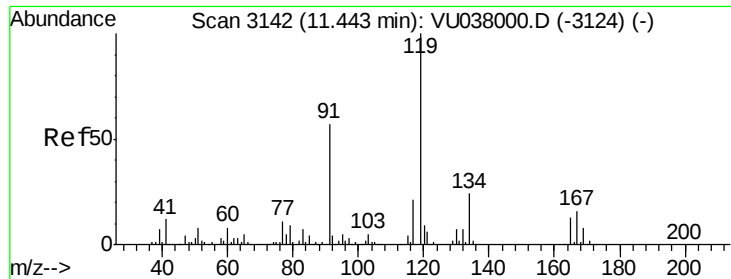
apatel
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.752 ug/l
RT: 9.56 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion:131 Resp: 36630
Ion Ratio Lower Upper
131 100
133 96.6 76.8 115.2
119 70.6 56.7 85.1





#61

Pentachloroethane

Concen: 1.614 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0505WBSD01

Tot Ion:117 Resp: 25278

Ion Ratio Lower Upper

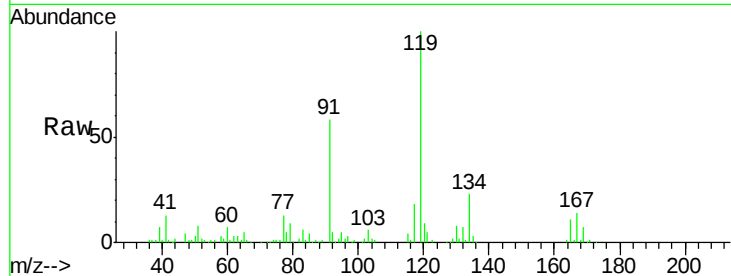
117 100

167 75.2 60.3 90.5

Manual Integrations
APPROVED

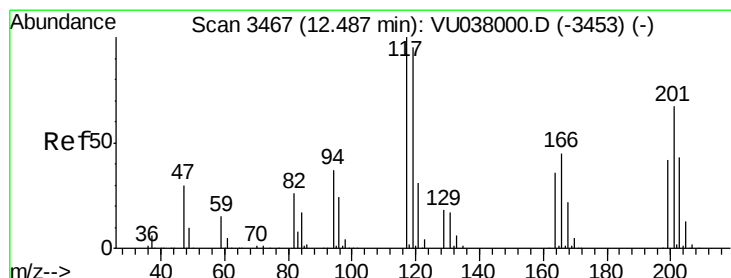
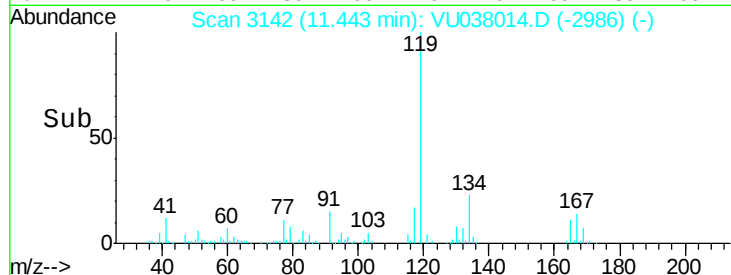
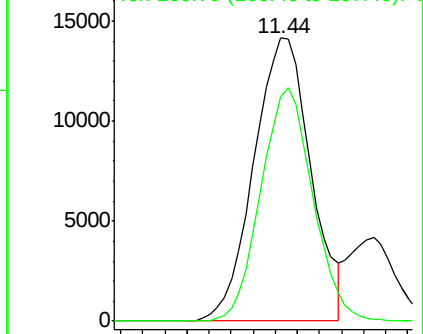
apatel

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.544 ug/l

RT: 12.49 min Scan# 3468

Delta R.T. 0.00 min

Lab File: VU038014.D

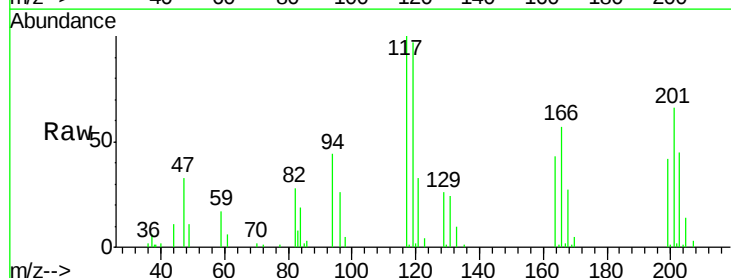
Acq: 05 May 2020 13:41

Tgt Ion:117 Resp: 25168

Ion Ratio Lower Upper

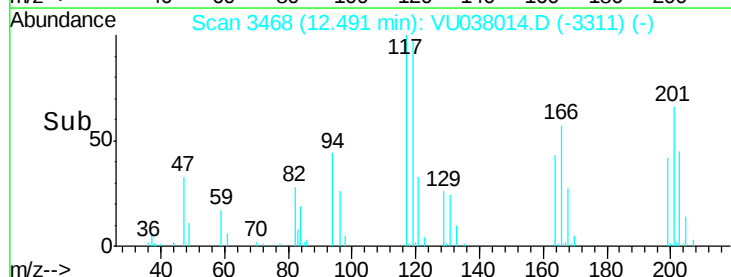
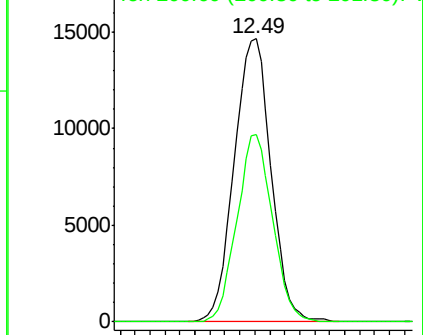
117 100

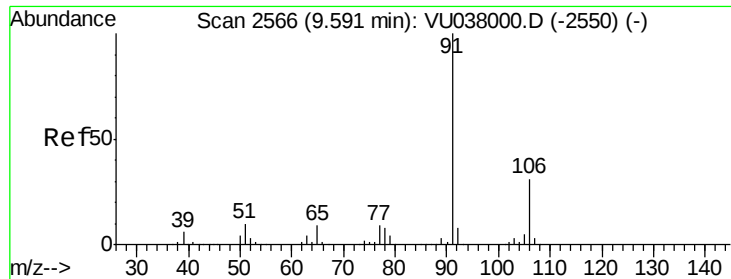
201 63.7 54.7 82.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





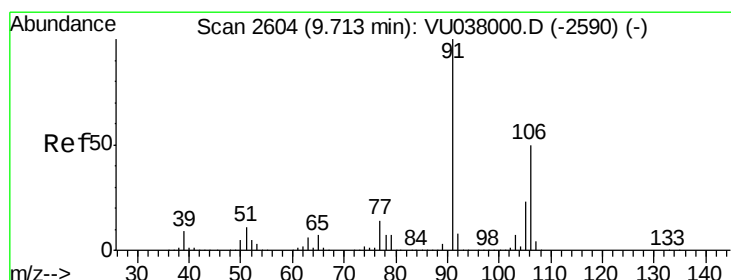
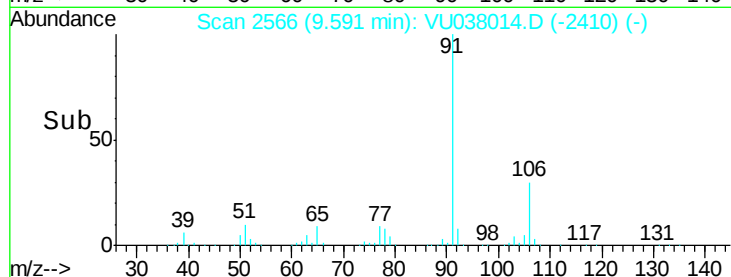
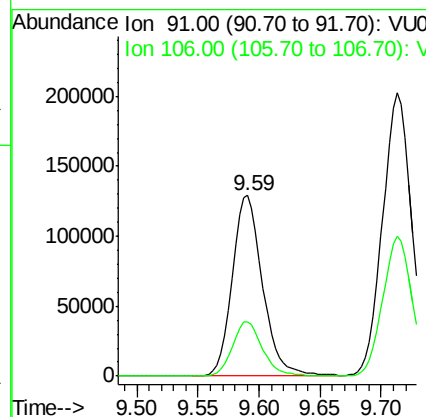
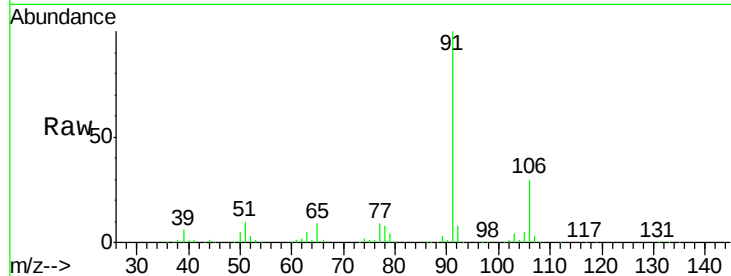
#63
Ethyl Benzene
Concen: 1.839 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Tot Ion: 91 Resp: 225328
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

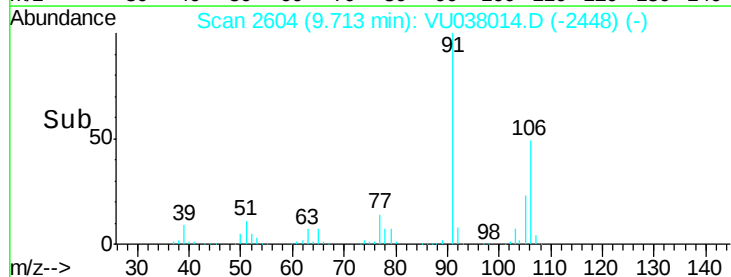
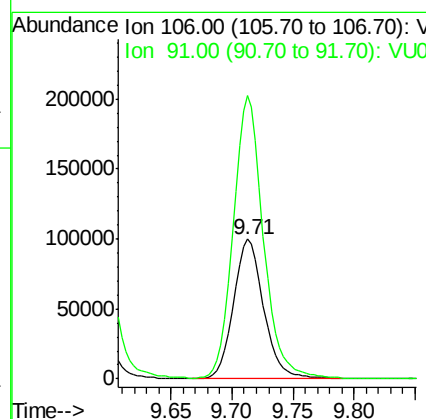
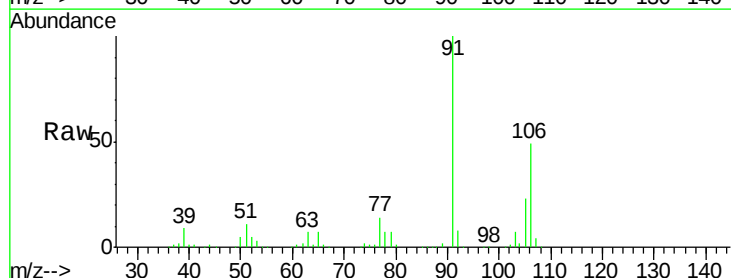
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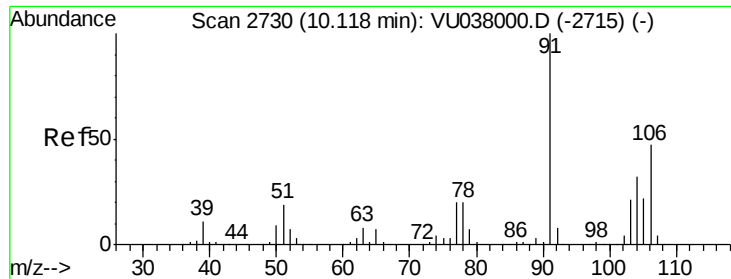
apatel
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#64
m/p-Xylenes
Concen: 3.635 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion: 106 Resp: 171443
Ion Ratio Lower Upper
106 100
91 201.6 159.5 239.3





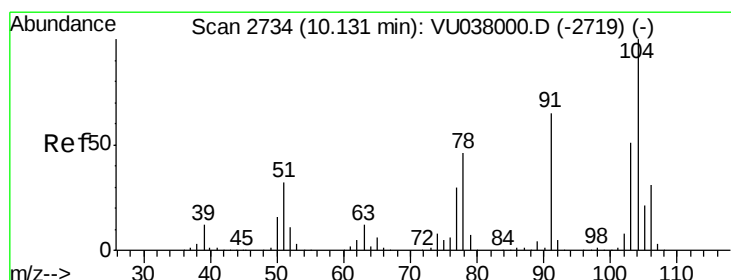
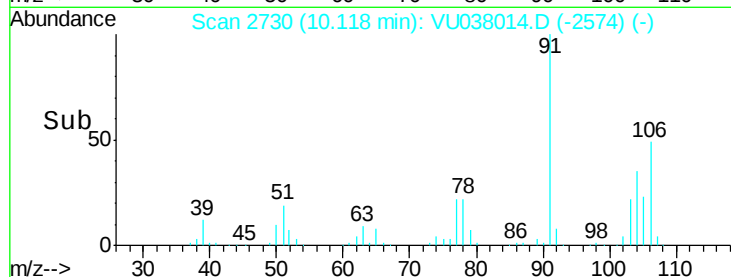
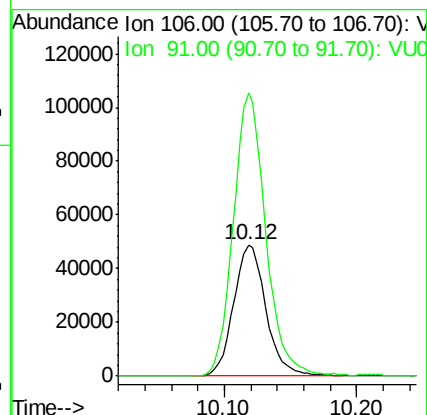
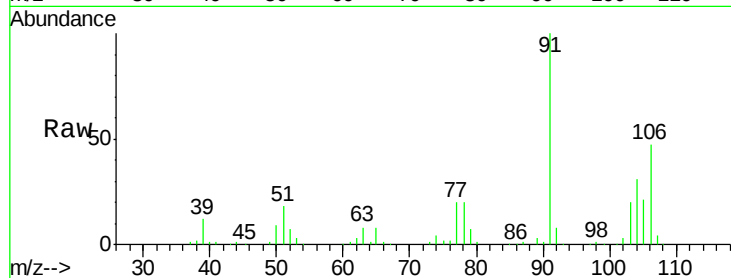
#65
o-Xylene
Concen: 1.804 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Tot Ion:106 Resp: 82916
Ion Ratio Lower Upper
106 100
91 216.3 105.7 317.0

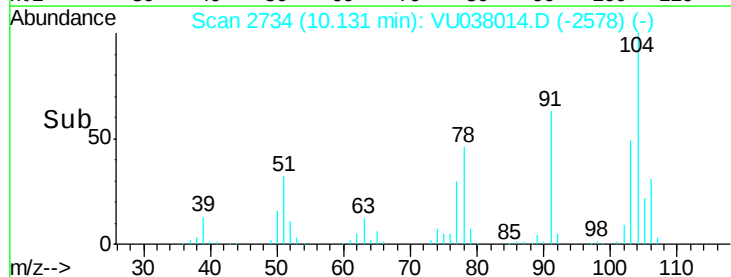
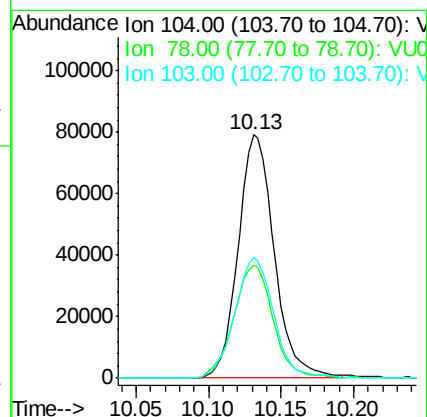
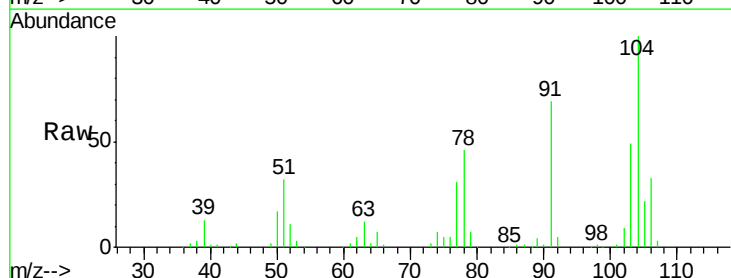
Manual Integrations
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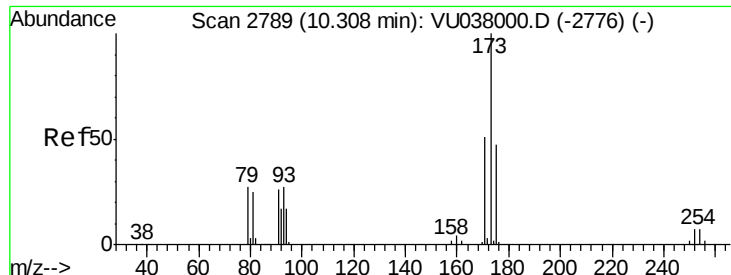
apatel
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#66
Styrene
Concen: 1.805 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion:104 Resp: 136696
Ion Ratio Lower Upper
104 100
78 50.6 39.9 59.9
103 53.4 43.4 65.2





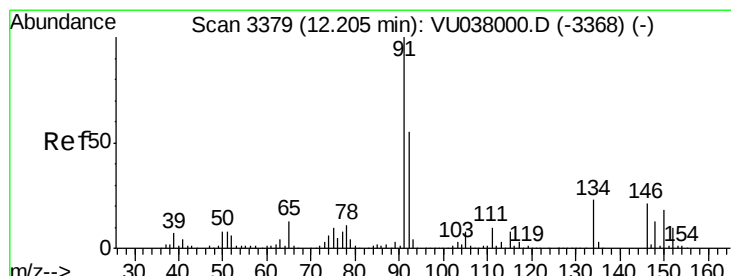
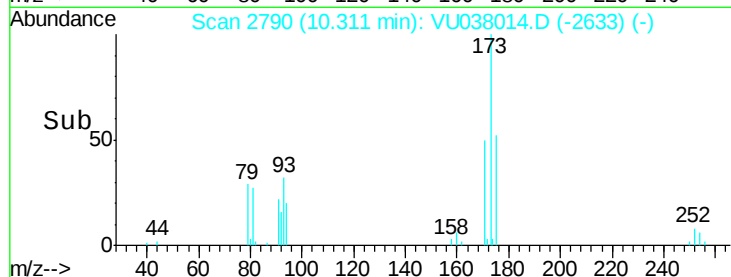
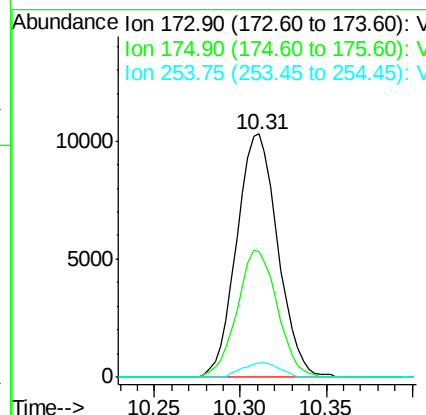
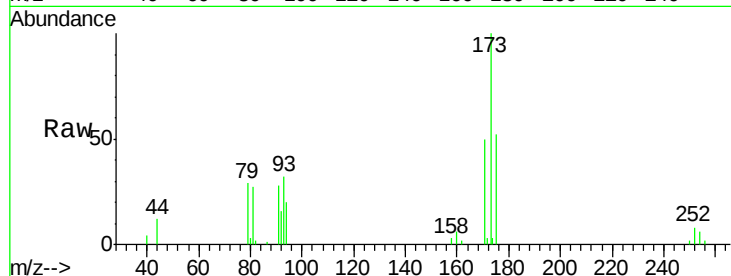
#67
Bromoform
Concen: 1.613 ug/l
RT: 10.31 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Instrument :
MSVOA_U
ClientSampleId :
VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.1	37.6	56.4
254	5.4	5.5	8.3#

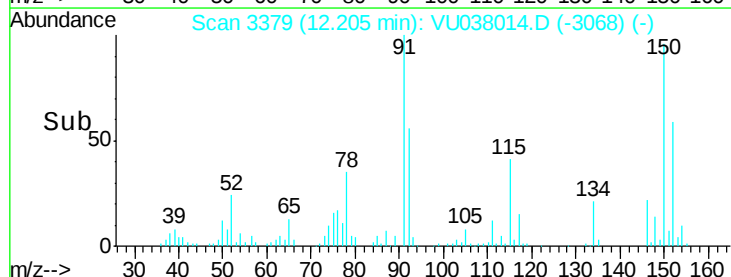
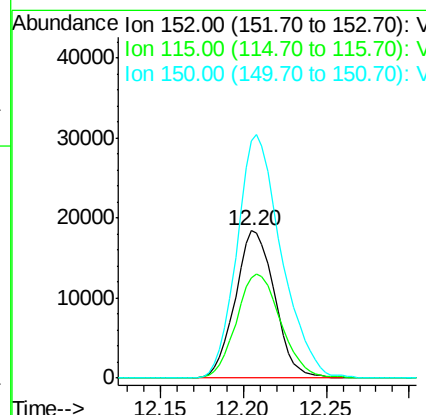
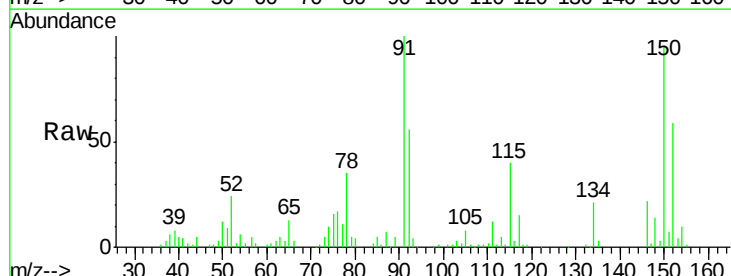
Manual Integrations
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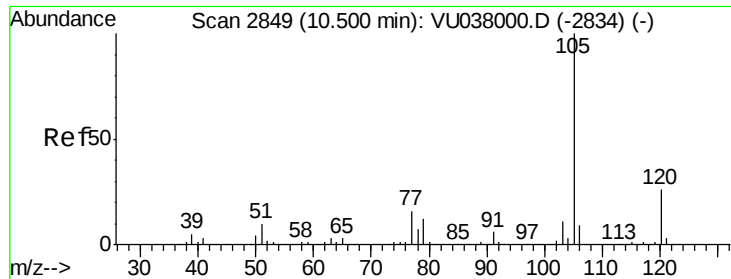
apatel
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#68
1,2-Dichlorobenzene-d4
Concen: 0.937 ug/l
RT: 12.20 min Scan# 3379
Delta R.T. 0.00 min
Lab File: VU038014.D
Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.5	0.0	261.0
150	185.6	0.0	650.2





#69

Isopropylbenzene

Concen: 1.811 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0505WBSD01

Tot Ion: 105 Resp: 217433

Ion Ratio Lower Upper

105 100

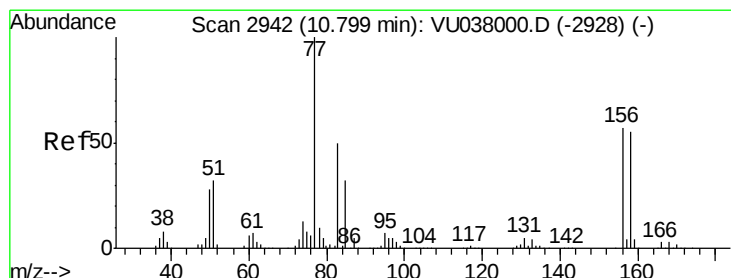
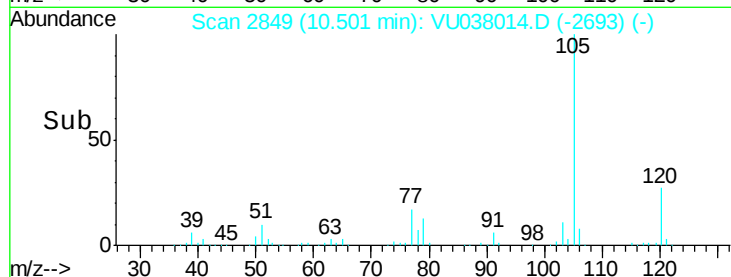
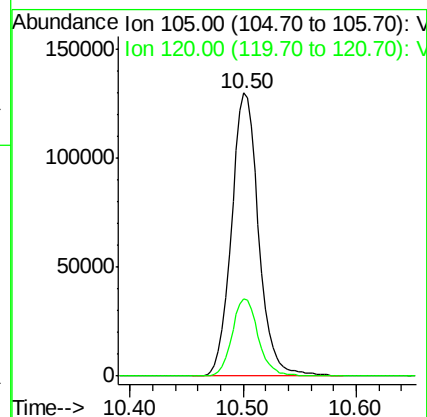
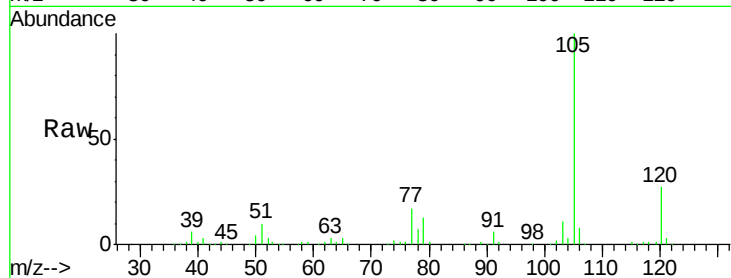
120 26.4 13.1 39.3

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 1.818 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

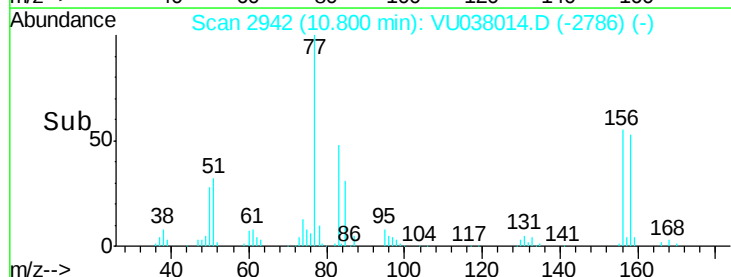
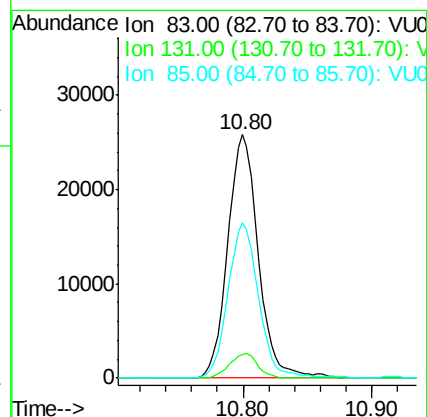
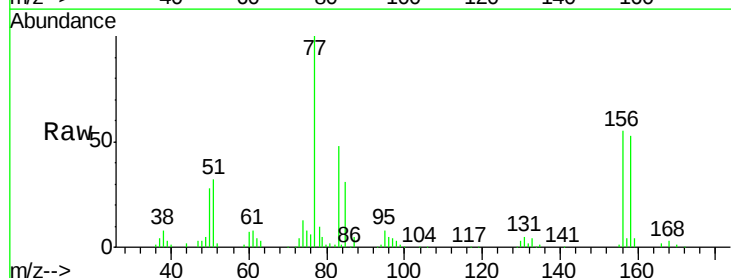
Tgt Ion: 83 Resp: 42427

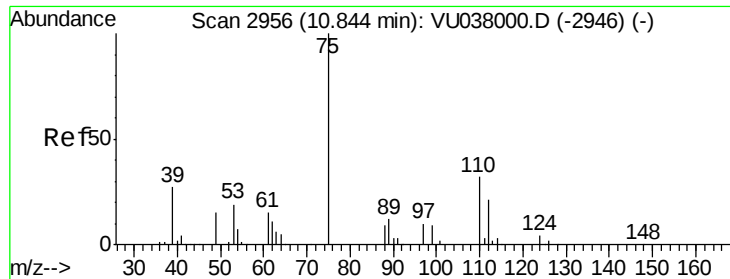
Ion Ratio Lower Upper

83 100

131 9.0 7.2 10.8

85 64.3 50.0 75.0





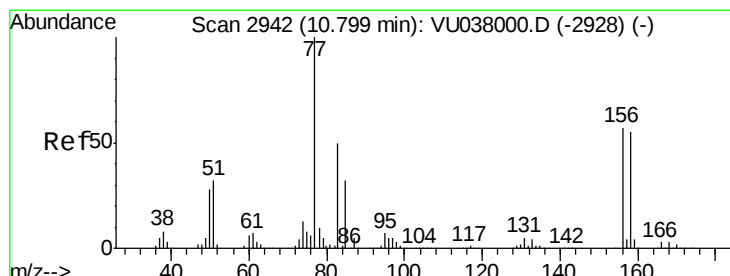
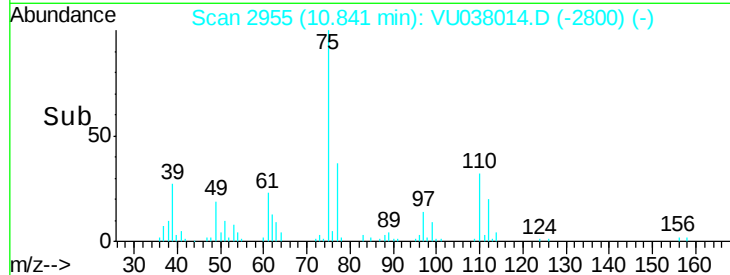
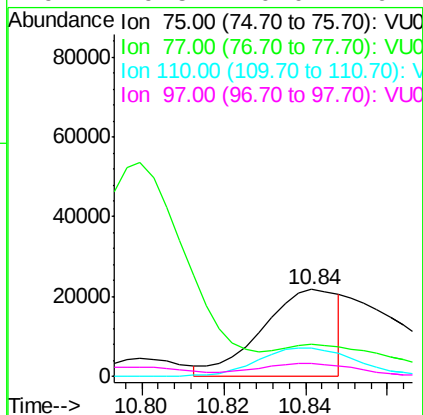
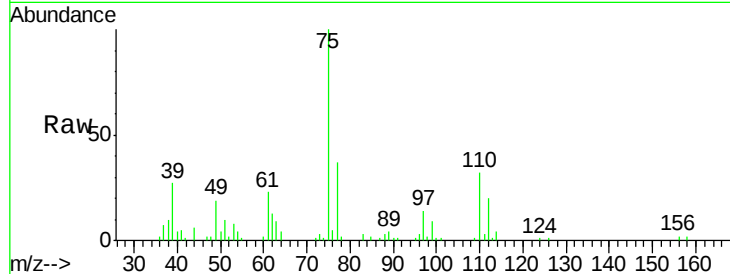
#71
 1,2,3-Trichloropropane
 Concen: 1.639 ug/l m
 RT: 10.84 min Scan# 2955
 Delta R.T. -0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0505WBSD01

Tot Ion:	75	Resp:	28293
Ion Ratio	Lower	Upper	
75	100		
77	52.5	0.0	108.6
110	41.6	0.0	79.4
97	19.5	0.0	40.4

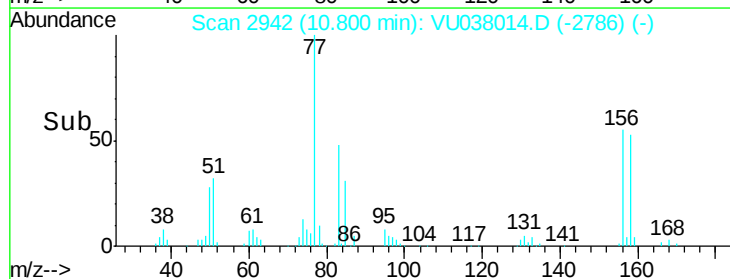
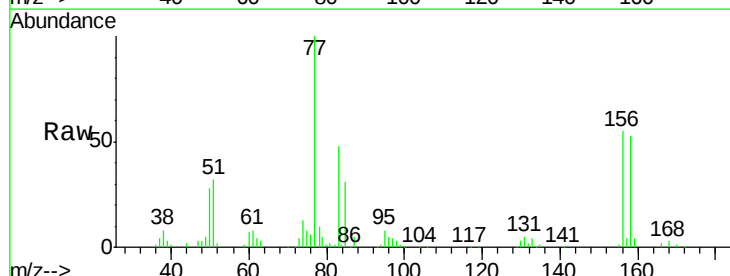
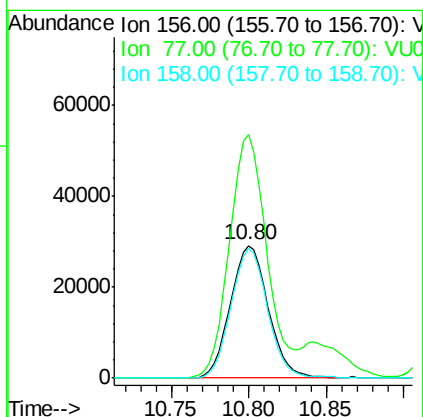
Manual Integrations
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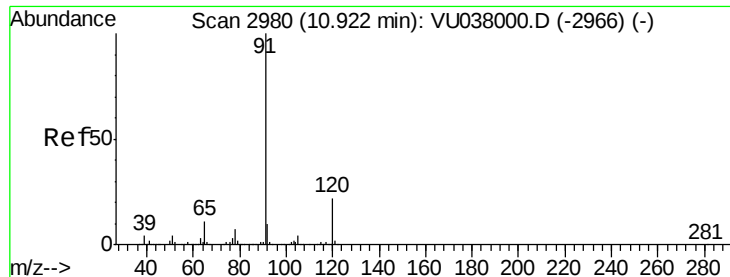
apatel
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#72
 Bromobenzene
 Concen: 1.848 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion:	156	Resp:	49543
Ion Ratio	Lower	Upper	
156	100		
77	180.2	0.0	355.6
158	94.6	0.0	194.0





#73

n-propylbenzene

Concen: 1.833 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampled :

VU0505WBSD01

Tot Ion:120 Resp: 60366

Ion Ratio Lower Upper

120 100

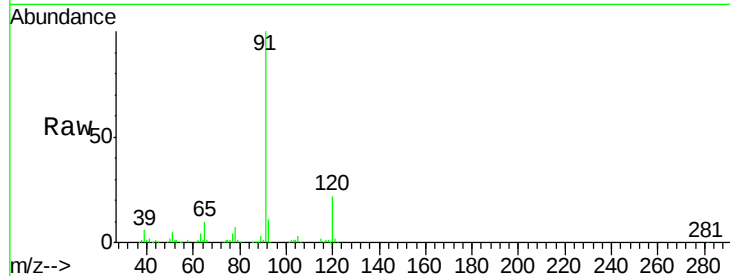
91 448.2 355.4 533.0

Manual Integrations

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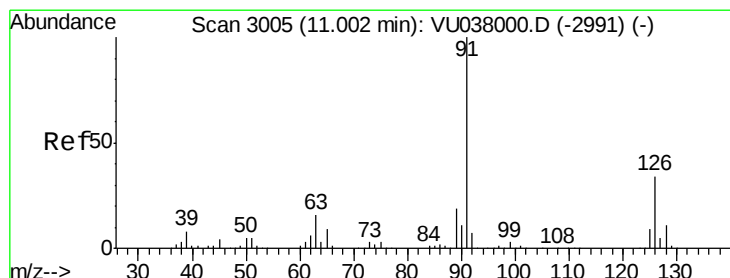
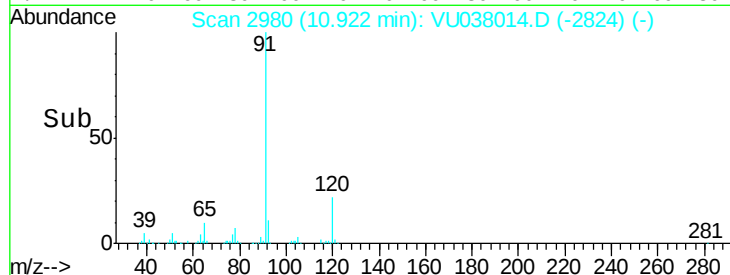
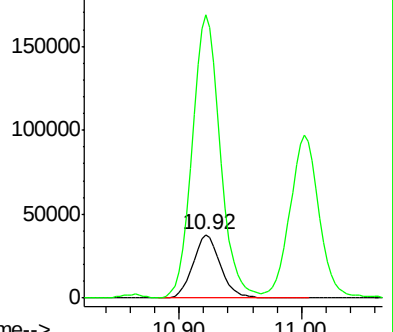
apatel

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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.814 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038014.D

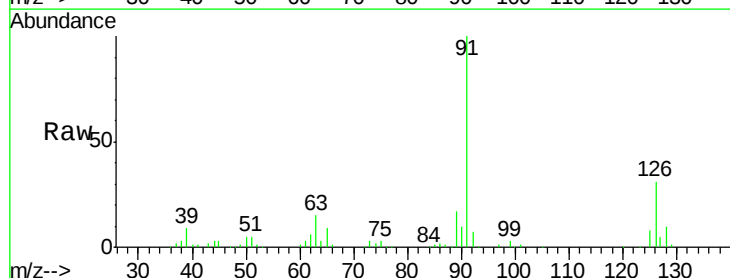
Acq: 05 May 2020 13:41

Tgt Ion:126 Resp: 50155

Ion Ratio Lower Upper

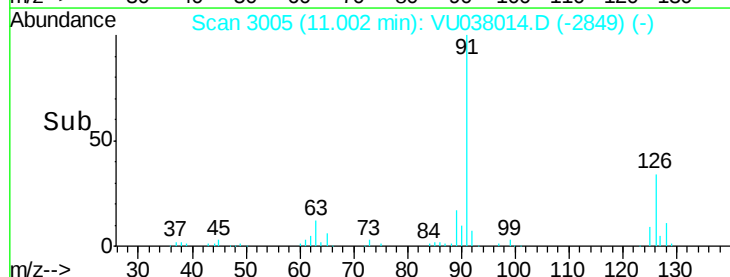
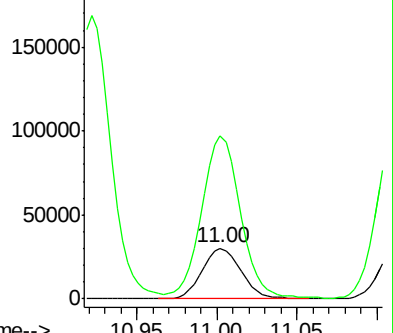
126 100

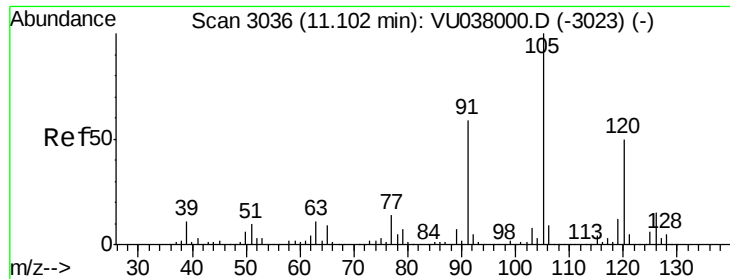
91 320.3 0.0 625.8



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: 1.804 ug/l

RT: 11.10 min Scan# 3036

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampleId :

VU0505WBSD01

Tot Ion:105 Resp: 179275

Ion Ratio Lower Upper

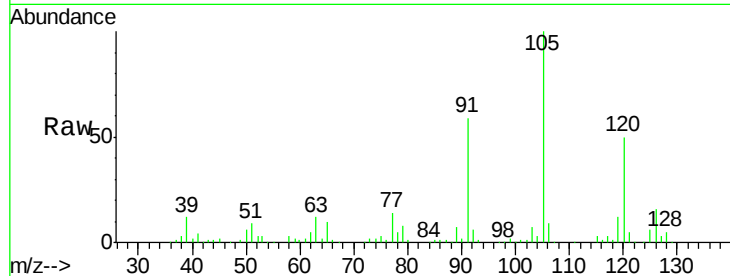
105 100

120 49.9 39.8 59.6

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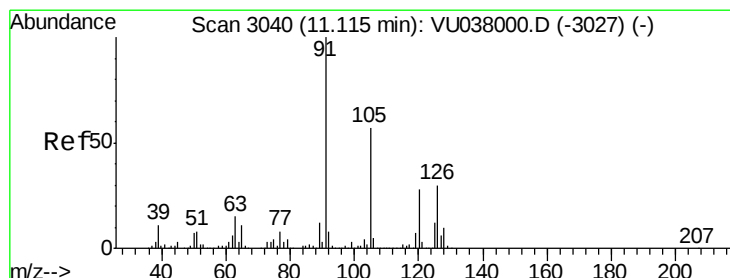
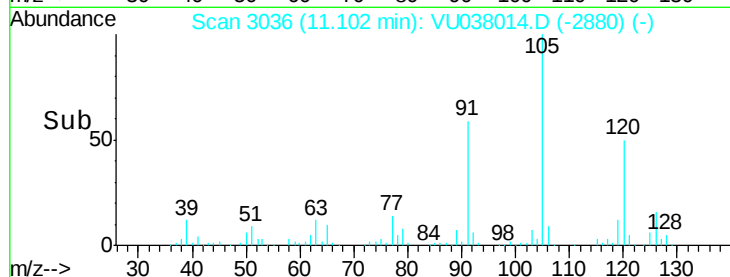
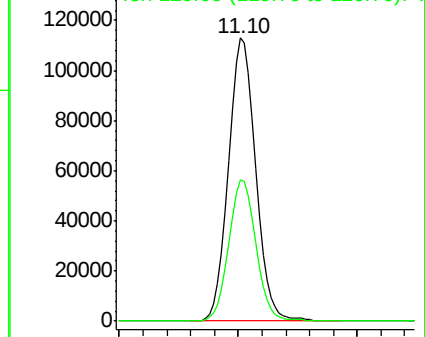
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 1.891 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU038014.D

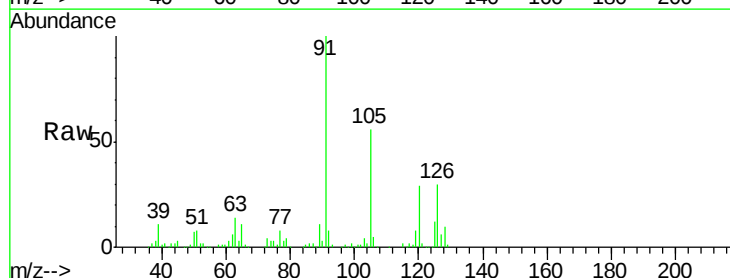
Acq: 05 May 2020 13:41

Tgt Ion:126 Resp: 54295

Ion Ratio Lower Upper

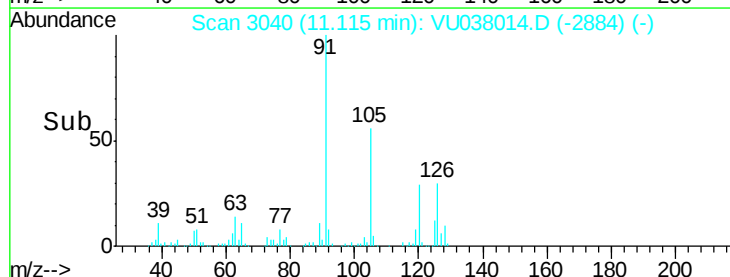
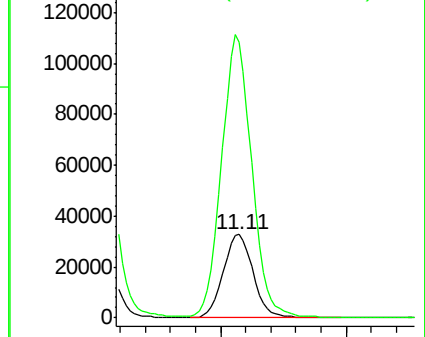
126 100

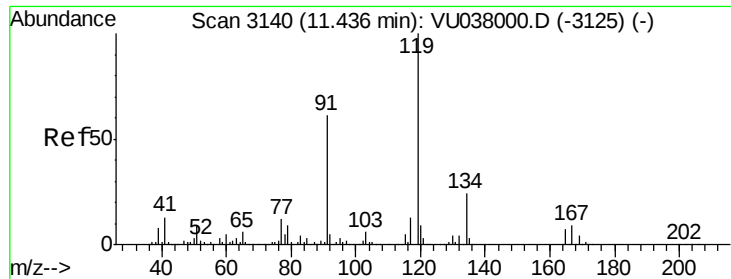
91 342.8 0.0 698.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





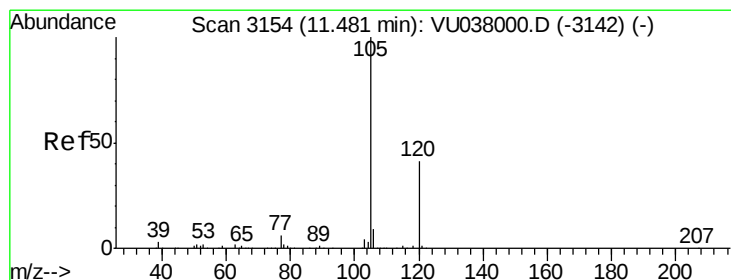
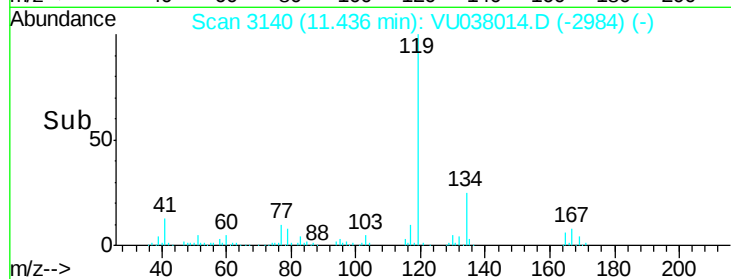
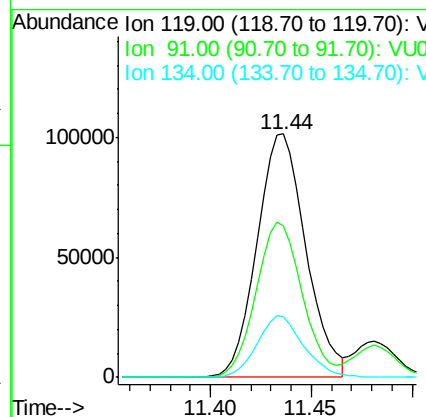
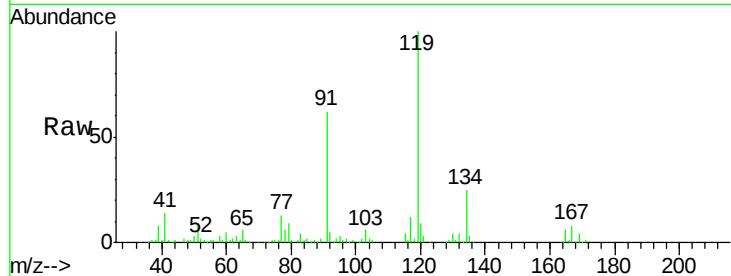
#77
 tert-Butylbenzene
 Concen: 1.812 ug/l
 RT: 11.44 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampled :
 VU0505WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	171367		
91	60.4	30.1	90.5	
134	24.0	19.0	28.6	

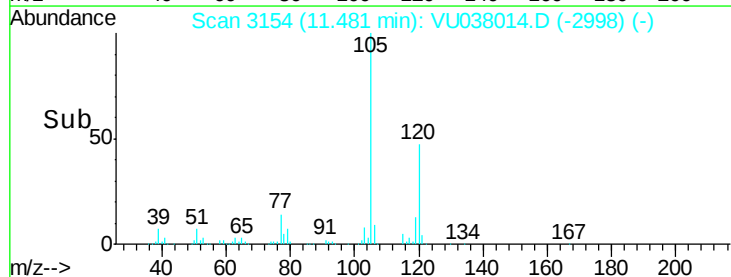
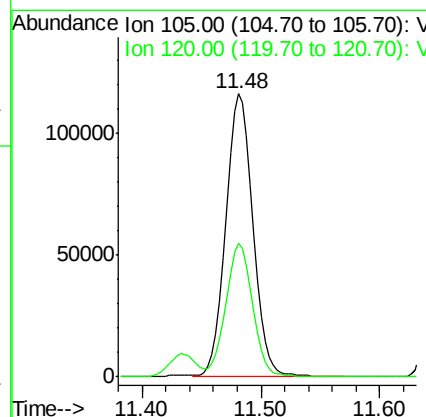
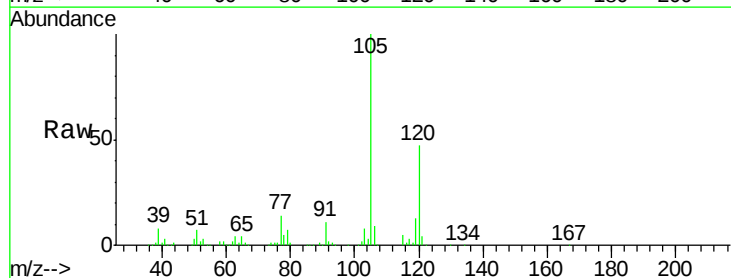
Manual Integrations
 APPROVED

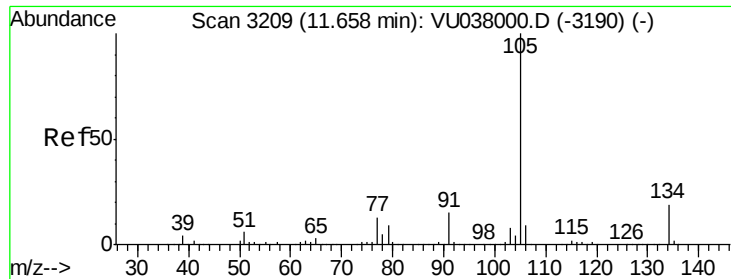
apatel
 5/6/2020 10:39:34 AM



#78
 1,2,4-Trimethylbenzene
 Concen: 1.802 ug/l
 RT: 11.48 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184401		
120	46.6	23.4	70.0	





#79

sec-Butylbenzene

Concen: 1.846 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

ClientSampled :

VU0505WBSD01

Tot Ion: 105 Resp: 250046

Ion Ratio Lower Upper

105 100

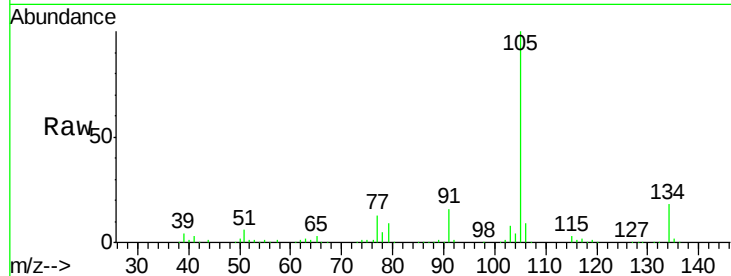
134 18.4 15.4 23.0

Manual Integrations

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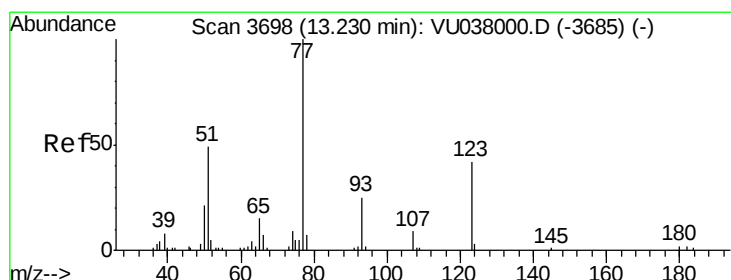
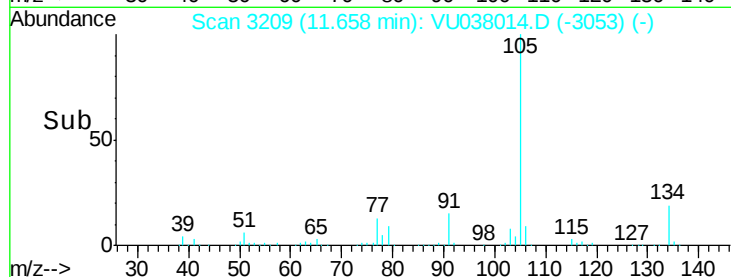
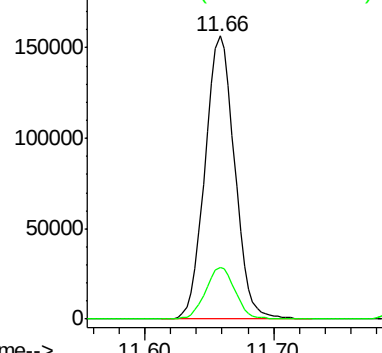
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 6.534 ug/l

RT: 13.23 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

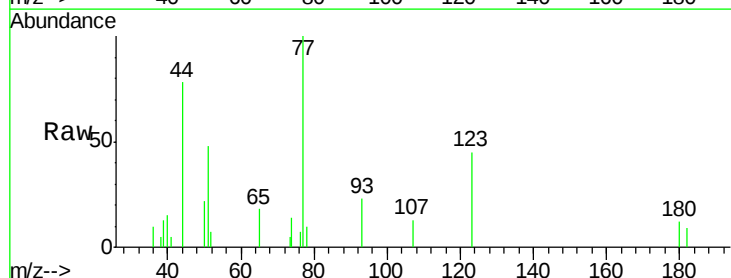
Tgt Ion: 77 Resp: 4521

Ion Ratio Lower Upper

77 100

123 37.8 17.6 62.6

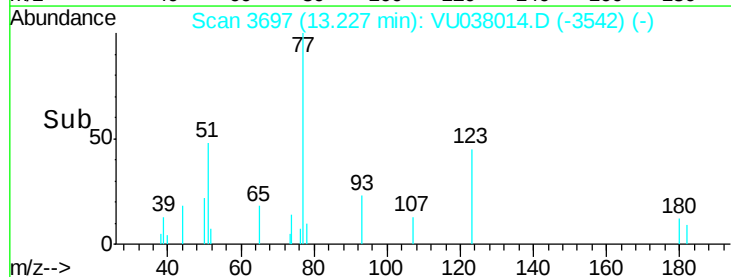
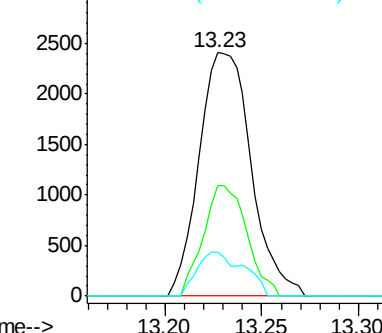
65 16.2 13.2 16.8

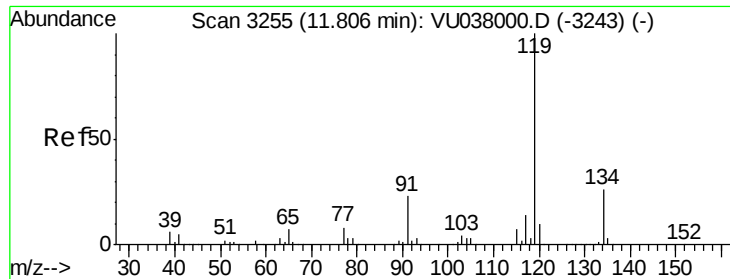


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





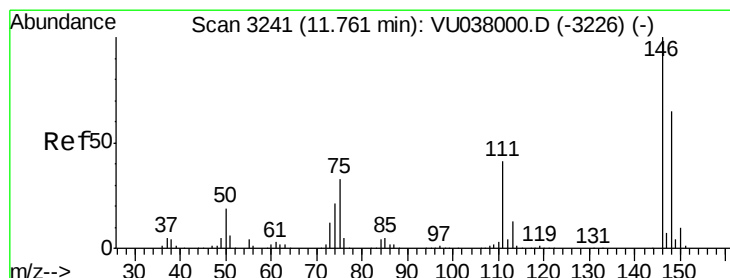
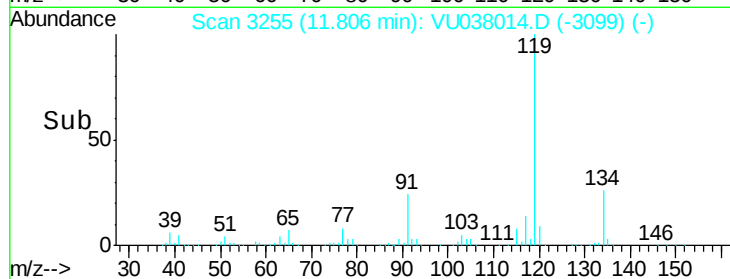
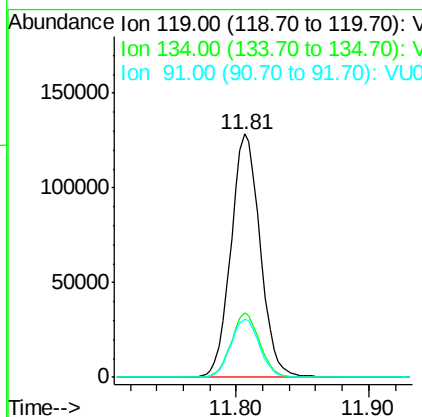
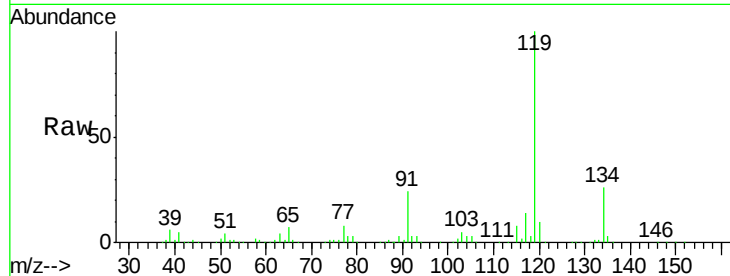
#81
 p-Isopropyltoluene
 Concen: 1.798 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0505WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	196605		
134	25.8	20.6	31.0	
91	23.6	18.6	28.0	

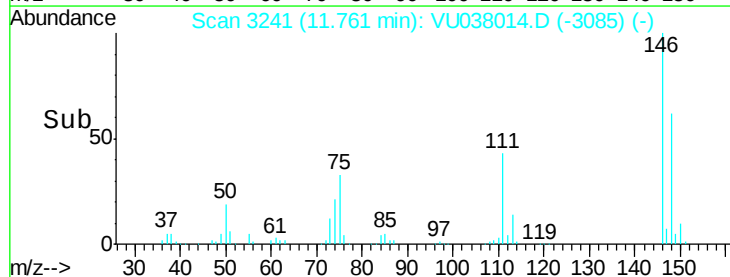
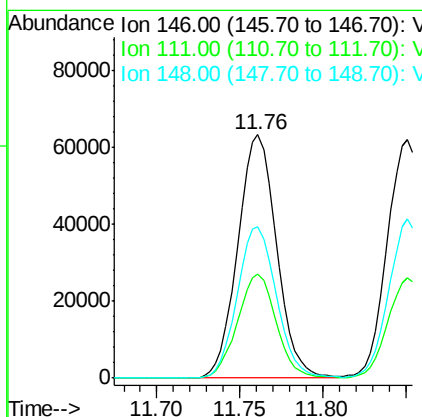
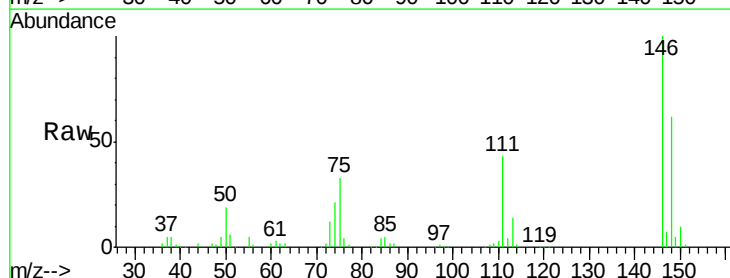
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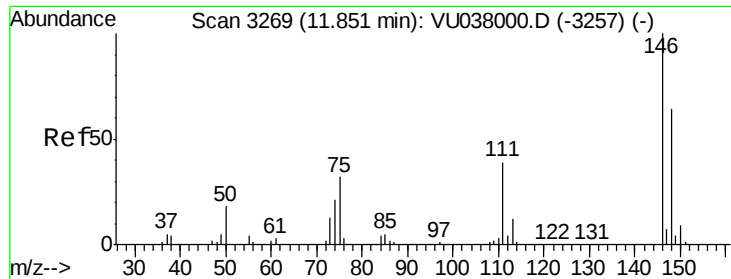
apatel
 5/6/2020 10:39:34 AM



#82
 1,3-Dichlorobenzene
 Concen: 1.862 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	103368		
111	42.5	33.0	49.4	
148	62.8	51.4	77.2	





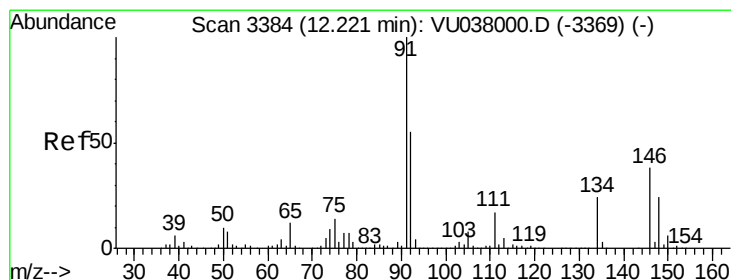
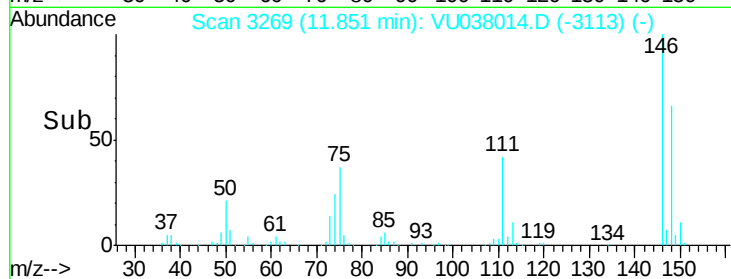
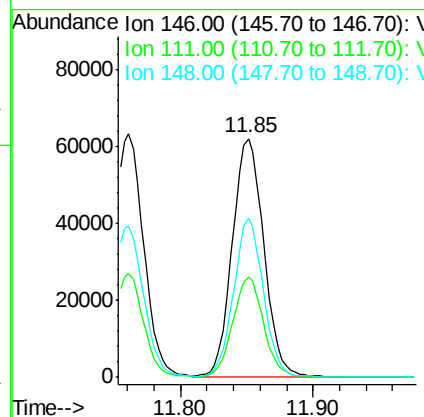
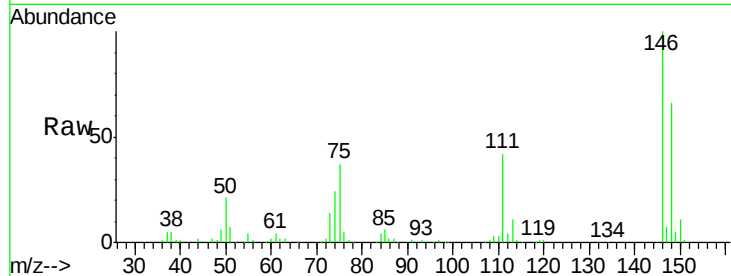
#83
 1,4-Dichlorobenzene
 Concen: 1.836 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampled :
 VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	31.8	47.6
148	62.8	51.2	76.8

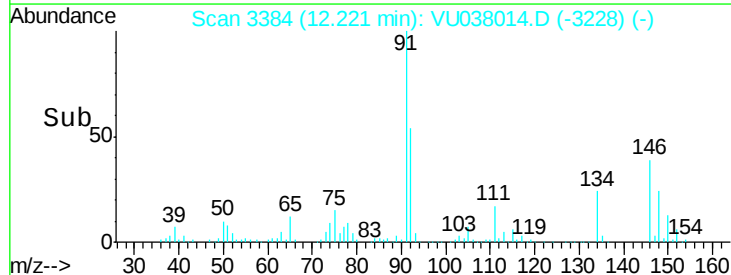
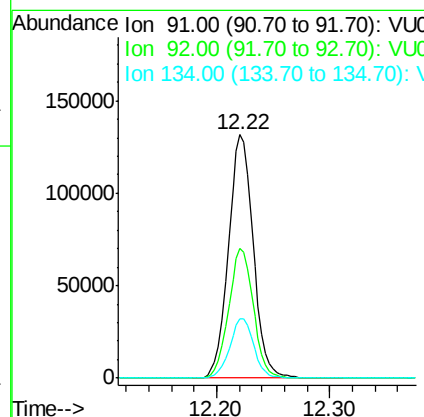
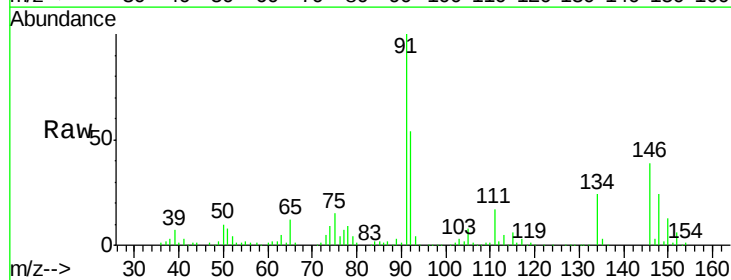
Manual Integrations
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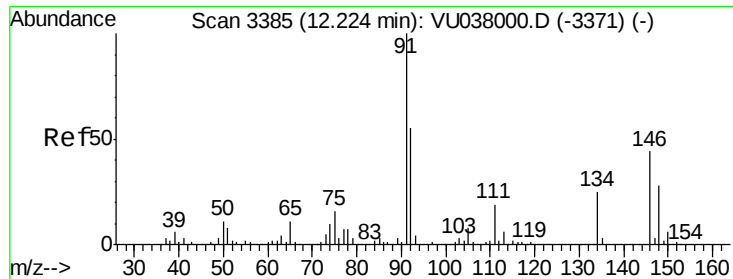
apatel
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#84
 n-Butylbenzene
 Concen: 1.834 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.2	43.8	65.6
134	24.0	19.4	29.2





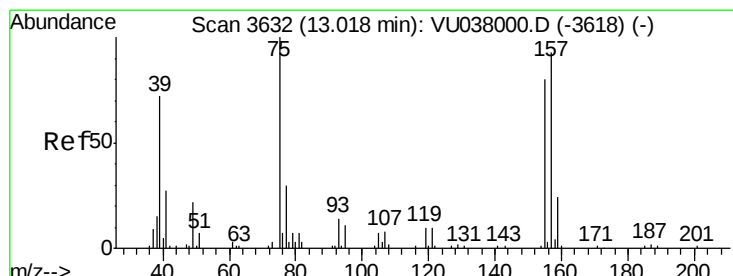
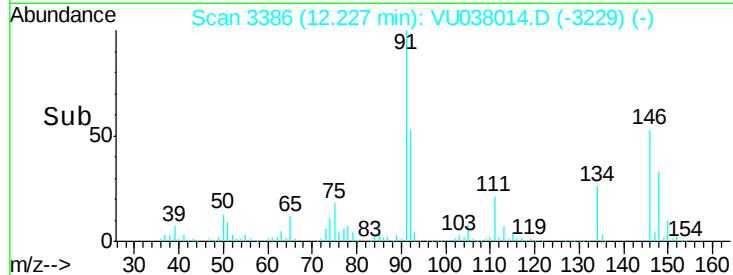
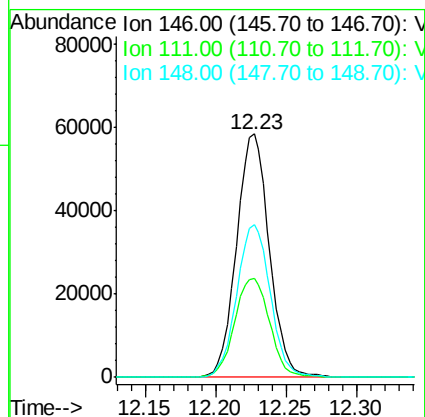
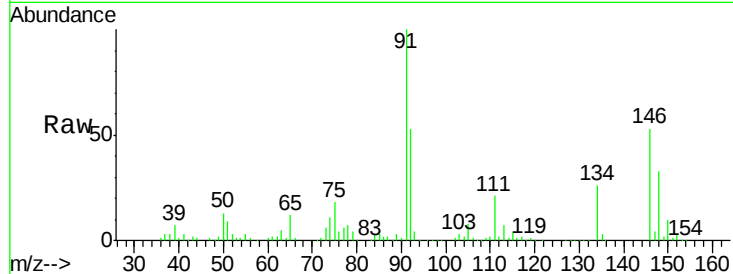
#85
 1,2-Dichlorobenzene
 Concen: 1.839 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.9	65.8
148	64.5	31.8	95.4

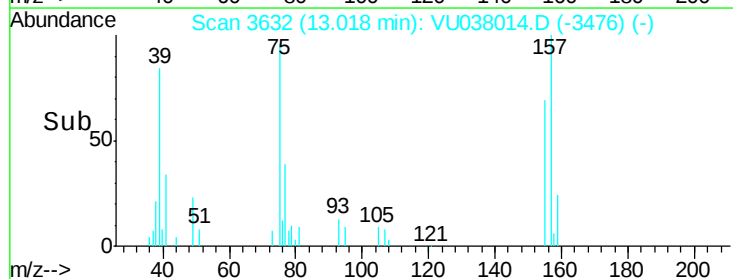
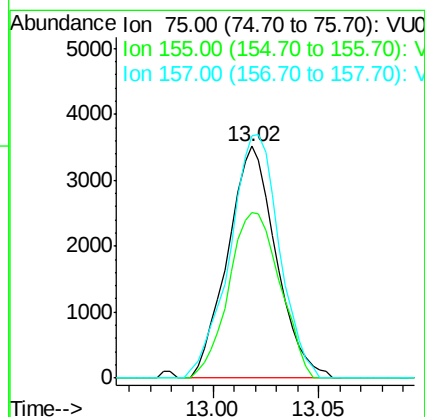
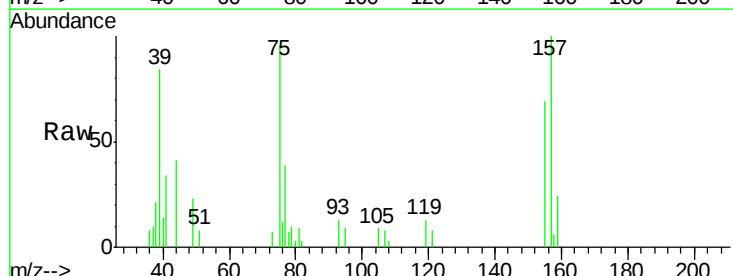
Manual Integrations
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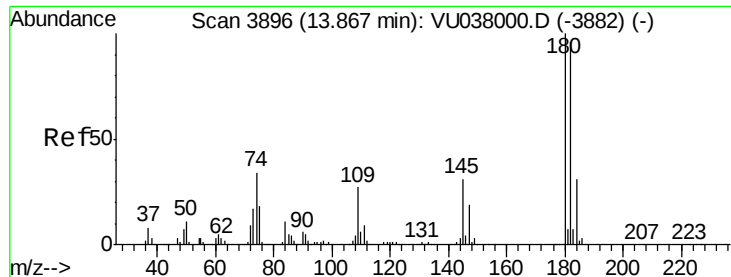
apatel
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.527 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.3	60.9	91.3
157	107.5	78.1	117.1





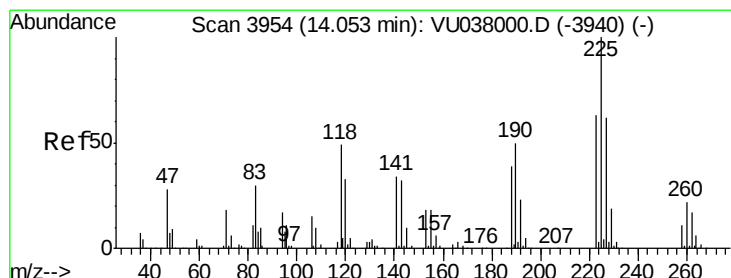
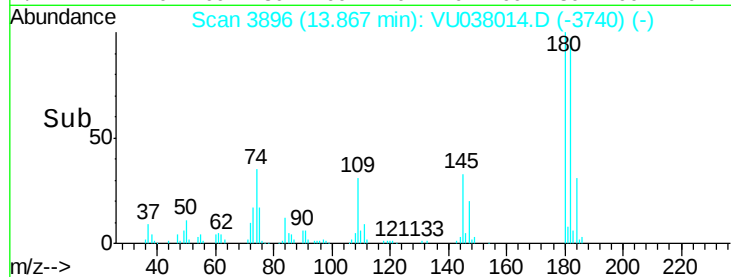
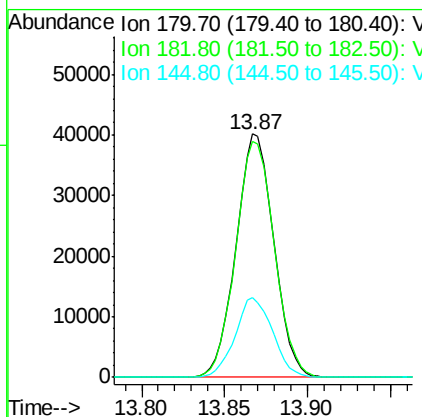
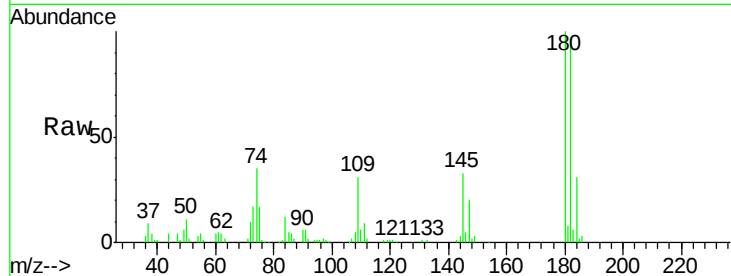
#87
 1,2,4-Trichlorobenzene
 Concen: 1.683 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0505WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.9	115.3
145	32.3	24.7	37.1

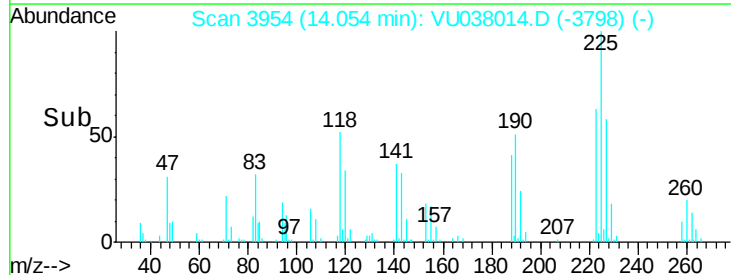
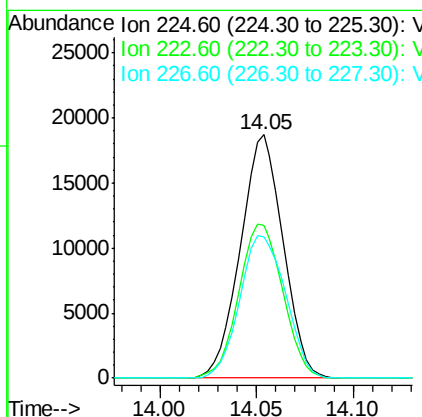
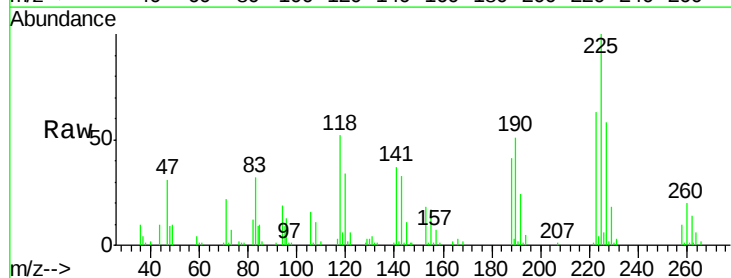
Manual Integrations
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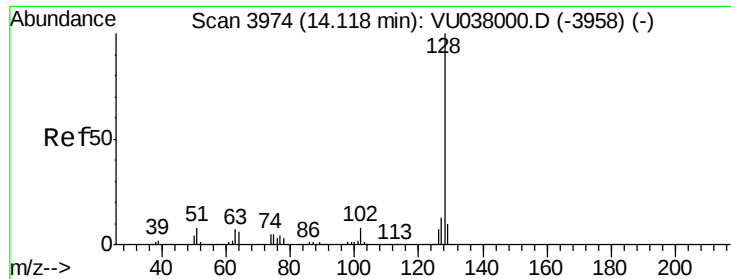
apatel
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#88
 Hexachlorobutadiene
 Concen: 1.704 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. 0.00 min
 Lab File: VU038014.D
 Acq: 05 May 2020 13:41

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	51.3	76.9
227	62.6	49.2	73.8





#89

Naphthalene

Concen: 1.688 ug/l

RT: 14.12 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Instrument :

MSVOA_U

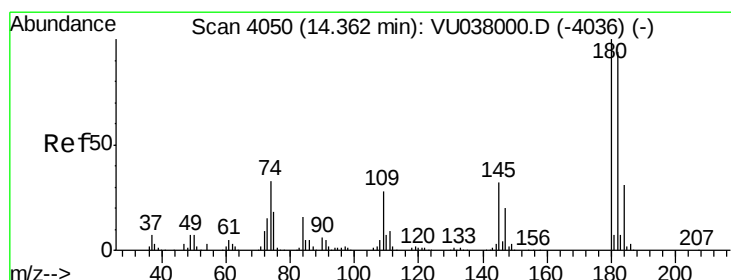
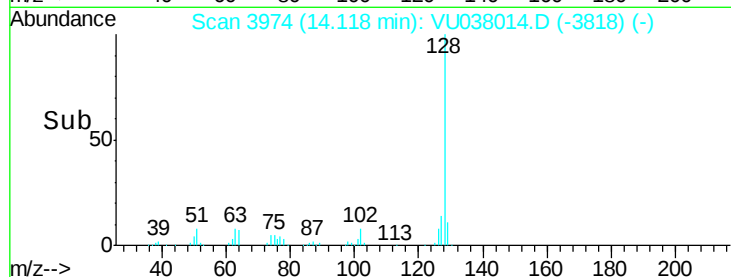
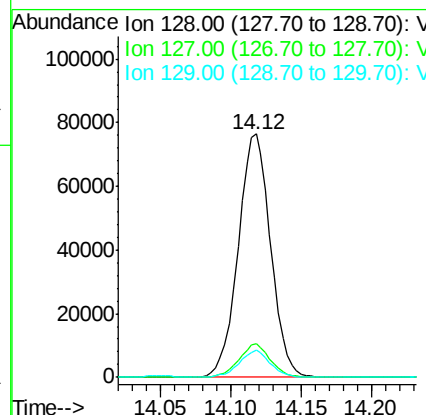
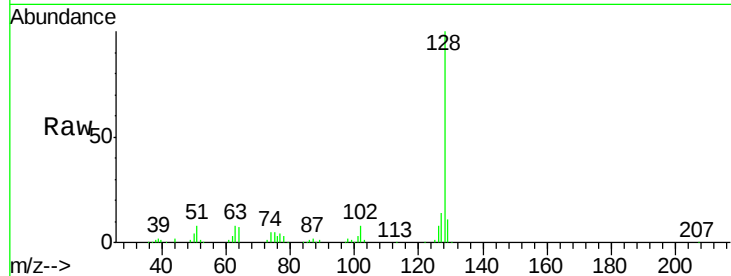
ClientSampleId :

VU0505WBSD01

Tot Ion:	128	Resp:	122625
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.4	15.6
129	10.5	8.6	12.8

Manual Integrations
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#90

1,2,3-Trichlorobenzene

Concen: 1.748 ug/l

RT: 14.36 min Scan# 4050

Delta R.T. 0.00 min

Lab File: VU038014.D

Acq: 05 May 2020 13:41

Tgt Ion:	180	Resp:	58835
Ion Ratio	Lower	Upper	
180	100		
182	93.5	75.9	113.9
145	32.4	26.0	39.0

