

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050420\
 Data File : VU038002.D
 Acq On : 04 May 2020 14:34
 Operator : JC/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Manual Integrations
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apatel
 5/5/2020 11:15:55 AM

Quant Time: May 05 02:31:05 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	92568	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	36309	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	35815	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds						Ovalue
2) Dichlorodifluoromethane	1.39	85	198301	6.312	ug/l	100
3) Chloromethane	1.54	50	293450	7.888	ug/l	99
4) Vinyl Chloride	1.62	62	317536	8.570	ug/l	98
5) Bromomethane	1.87	94	173131	7.787	ug/l	98
6) Chloroethane	1.95	64	197488	8.921	ug/l	99
7) Trichlorofluoromethane	2.16	101	365118	9.453	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	229587	9.534	ug/l	99
9) 1,1-Dichloroethene	2.60	96	236896	9.798	ug/l	98
10) Iodomethane	2.75	142	189216	8.343	ug/l	100
11) Allyl Chloride	2.95	41	457063	10.190	ug/l	97
12) Acrylonitrile	3.35	53	321735	48.679	ug/l	97
13) Acetone	2.66	43	326355	61.732	ug/l	96
14) Carbon Disulfide	2.82	76	809848	9.173	ug/l	99
15) Methylene Chloride	3.07	84	271718	9.614	ug/l	98
16) trans-1,2-Dichloroethene	3.38	96	261723	9.893	ug/l	98
17) 1,1-Dichloroethane	3.91	63	494516	9.855	ug/l	99
18) 2-Butanone	4.76	43	421699	53.199	ug/l	99
19) Cyclohexane	5.42	56	459789m	9.449	ug/l	
20) Methylcyclohexane	6.79	83	479523	10.053	ug/l	99
21) 2,2-Dichloropropane	4.70	77	412351	9.833	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	291459	10.421	ug/l	99
23) Diethyl Ether	2.40	59	196560	9.270	ug/l	100
24) tert-Butyl Alcohol	3.23	59	106480	45.251	ug/l	99
25) Methyl tert-Butyl Ether	3.41	73	640907	9.675	ug/l	99
26) Bromochloromethane	5.01	128	91854	8.160	ug/l	99
27) Chloroform	5.13	83	468898	9.964	ug/l	98
28) 1,1,1-Trichloroethane	5.35	97	389202	10.036	ug/l	99
29) 1,1-Dichloropropene	5.56	75	386467	9.902	ug/l	99
30) Carbon Tetrachloride	5.56	117	328461	10.123	ug/l	99
31) Isopropyl Ether	4.04	45	857732	10.387	ug/l #	1
34) Propionitrile	4.82	54	223620	98.534	ug/l	99
35) Benzene	5.81	78	1092961	10.007	ug/l	99
36) 1,2-Dichloroethane	5.83	62	322968	9.996	ug/l	98
37) Trichloroethene	6.57	130	283077	9.872	ug/l	99
38) 1,2-Dichloropropane	6.82	63	289911	9.865	ug/l	98
39) Methacrylonitrile	5.02	41	100410	9.445	ug/l	98
40) Methyl acrylate	4.89	55	157922	10.081	ug/l	98
41) Tetrahydrofuran	5.10	42	249578	47.067	ug/l	99
42) 1-Chlorobutane	5.49	56	550163	9.783	ug/l	98
43) Dibromomethane	6.95	93	134959	9.857	ug/l	100
44) Bromodichloromethane	7.13	83	352348	10.246	ug/l	99

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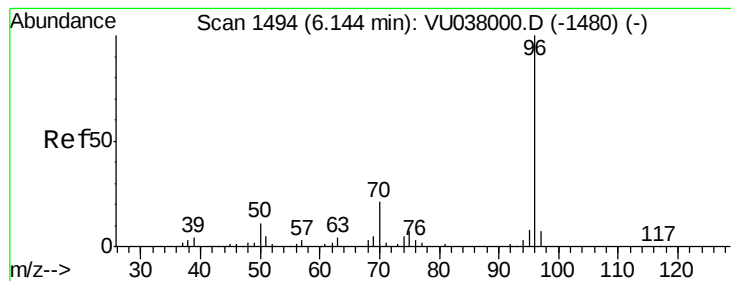
Manual Integrations
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Quant Time: May 05 02:31:05 2020
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.82	43	928269	49.749	ug/l	100
46) t-1,4-Dichloro-2-butene	10.85	75	82046m	14.221	ug/l	
47) Methyl methacrylate	6.99	69	139332	10.008	ug/l	99
48) Ethyl methacrylate	8.36	69	278111	10.790	ug/l	99
49) Toluene	8.00	92	706351	10.229	ug/l	100
50) t-1,3-Dichloropropene	8.23	75	371403	10.572	ug/l	99
51) cis-1,3-Dichloropropene	7.63	75	448654	10.634	ug/l	99
52) 1,1,2-Trichloroethane	8.43	97	196066	10.113	ug/l	98
53) 1,3-Dichloropropane	8.60	76	365535	10.043	ug/l	99
54) 2-Hexanone	8.71	43	694324	52.719	ug/l	100
55) Dibromochloromethane	8.83	129	227198	10.576	ug/l	98
56) 1,2-Dibromoethane	8.95	107	181785	9.940	ug/l	97
58) Tetrachloroethene	8.58	164	283712	10.600	ug/l	99
59) Chlorobenzene	9.47	112	729662	9.952	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.56	131	231699	10.409	ug/l	100
61) Pentachloroethane	11.45	117	173368	10.398	ug/l	98
62) Hexachloroethane	12.49	117	170907	9.849	ug/l	99
63) Ethyl Benzene	9.59	91	1380990	10.587	ug/l	99
64) m/p-Xylenes	9.71	106	1066429	21.241	ug/l	99
65) o-Xylene	10.12	106	505524	10.330	ug/l	98
66) Styrene	10.13	104	869778	10.787	ug/l	99
67) Bromoform	10.31	173	121158	10.723	ug/l	98
69) Isopropylbenzene	10.50	105	1348517	10.553	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	251579	10.126	ug/l	99
71) 1,2,3-Trichloropropane	10.84	75	151147m	8.227	ug/l	
72) Bromobenzene	10.80	156	304617	10.672	ug/l	98
73) n-propylbenzene	10.92	120	369626	10.541	ug/l	99
74) 2-Chlorotoluene	11.01	126	305195	10.369	ug/l	98
75) 1,3,5-Trimethylbenzene	11.10	105	1145520	10.831	ug/l	99
76) 4-Chlorotoluene	11.11	126	326525	10.682	ug/l	96
77) tert-Butylbenzene	11.44	119	1046702	10.397	ug/l	100
78) 1,2,4-Trimethylbenzene	11.48	105	1159353	10.646	ug/l	100
79) sec-Butylbenzene	11.66	105	1405007	9.743	ug/l	99
80) Nitrobenzene	13.23	77	6224	8.450	ug/l #	84
81) p-Isopropyltoluene	11.81	119	1259920	10.826	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	599285	10.140	ug/l	100
83) 1,4-Dichlorobenzene	11.85	146	608091	10.164	ug/l	99
84) n-Butylbenzene	12.22	91	1291818	11.118	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	556175	10.110	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	38662	9.883	ug/l	97
87) 1,2,4-Trichlorobenzene	13.87	180	427068	10.618	ug/l	99
88) Hexachlorobutadiene	14.06	225	196904	10.950	ug/l	99
89) Naphthalene	14.12	128	826554	10.687	ug/l	100
90) 1,2,3-Trichlorobenzene	14.37	180	386331	10.781	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: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

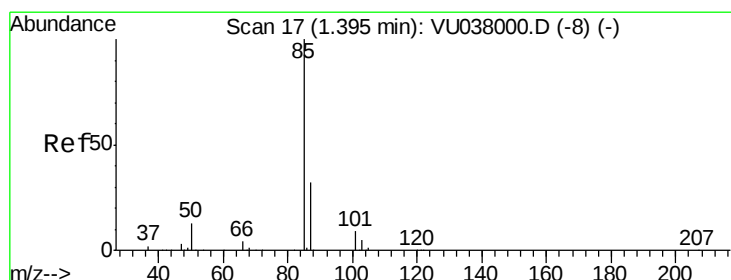
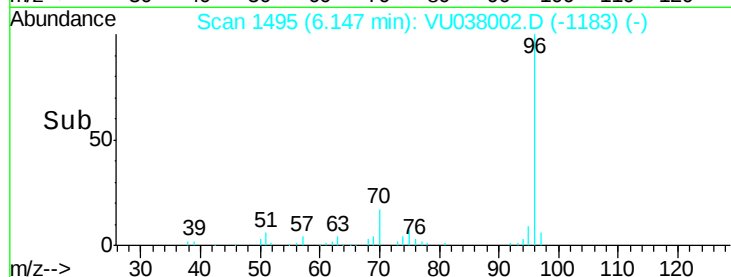
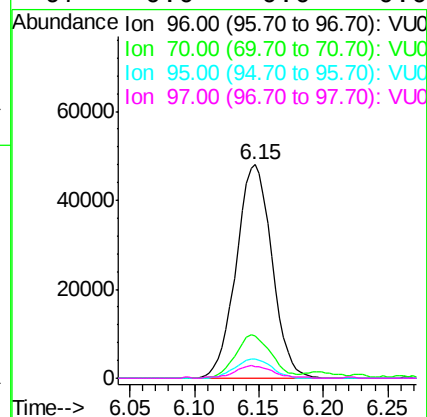
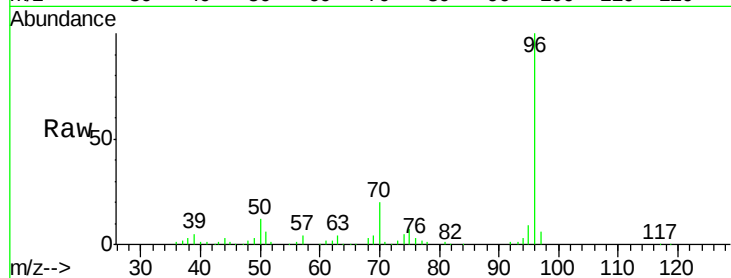
ClientSampleId :

ICVVU050420

Tot Ion:	96	Resp:	92568
Ion Ratio	Lower	Upper	
96	100		
70	18.1	14.4	21.6
95	9.0	7.1	10.7
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 6.312 ug/l

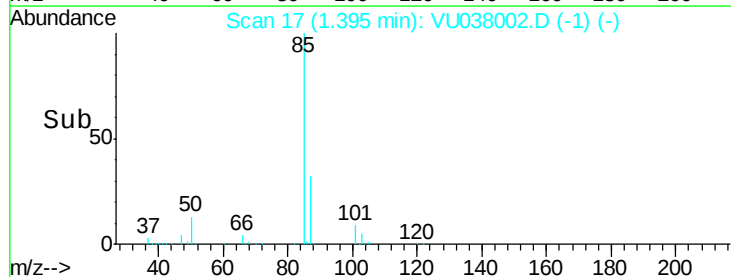
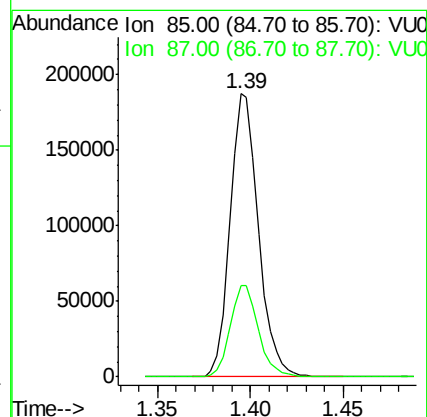
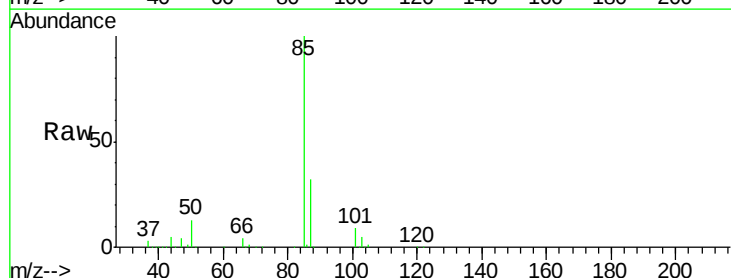
RT: 1.39 min Scan# 17

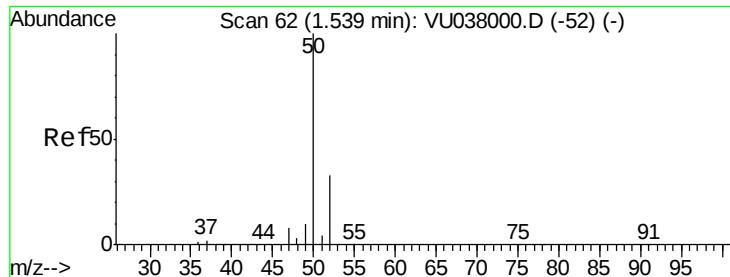
Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tgt Ion:	85	Resp:	198301
Ion Ratio	Lower	Upper	
85	100		
87	32.5	16.2	48.5





#3

Chloromethane

Concen: 7.888 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampled :

ICVVU050420

Tot Ion: 50 Resp: 293450

Ion Ratio Lower Upper

50 100

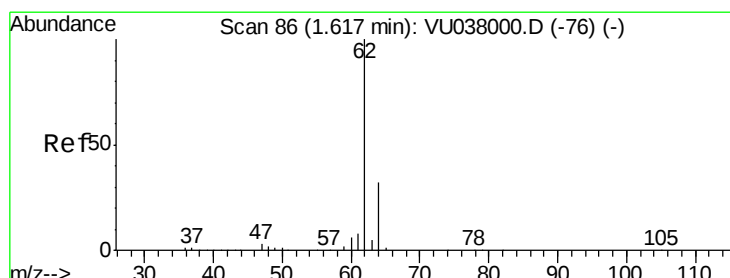
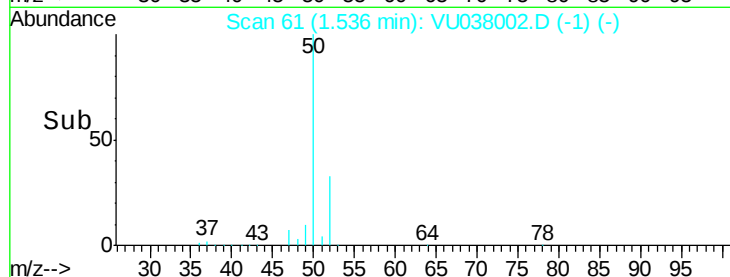
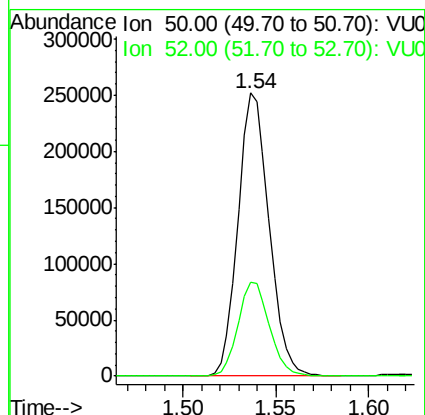
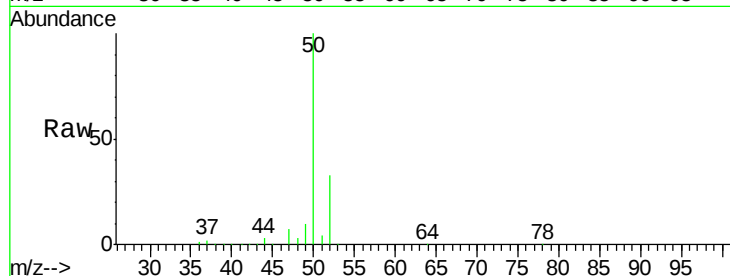
52 33.3 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 8.570 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038002.D

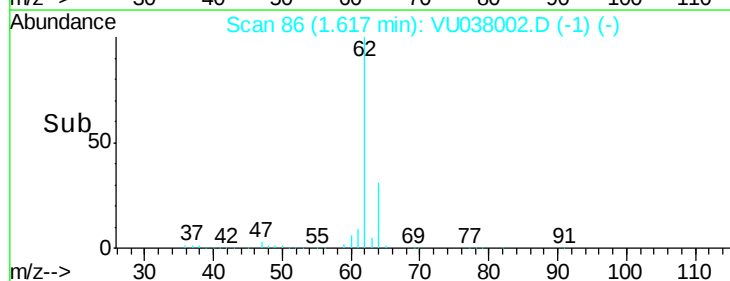
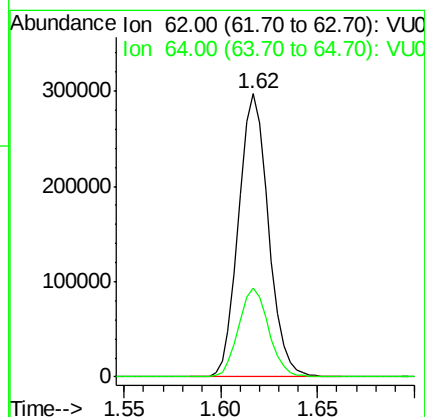
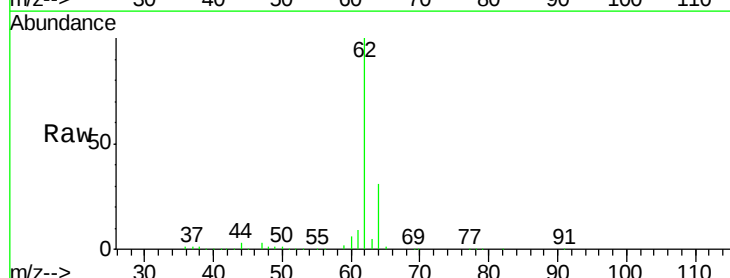
Acq: 04 May 2020 14:34

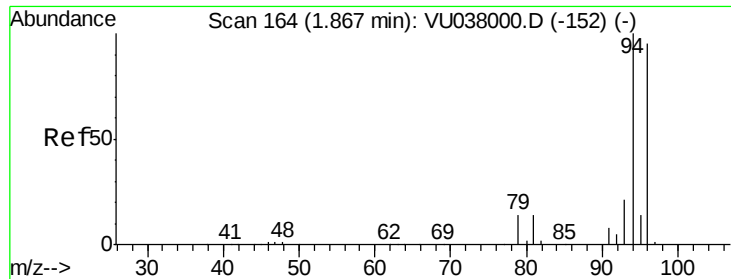
Tgt Ion: 62 Resp: 317536

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 7.787 ug/l

RT: 1.87 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampled :

ICVVU050420

Tot Ion: 94 Resp: 173131

Ion Ratio Lower Upper

94 100

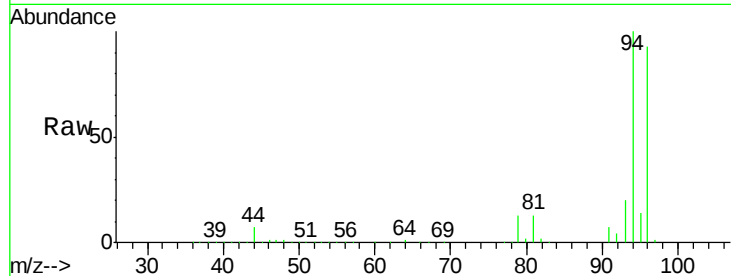
96 93.3 76.1 114.1

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VU038002.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU038002.D (-152) (-)

1.87

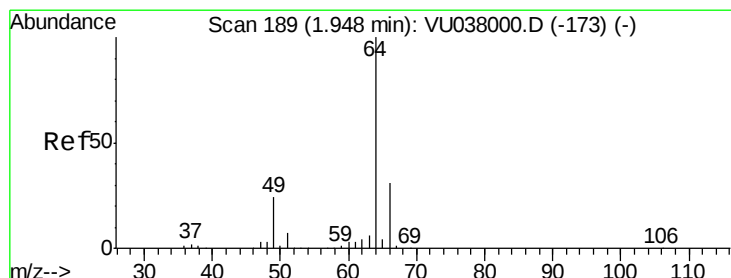
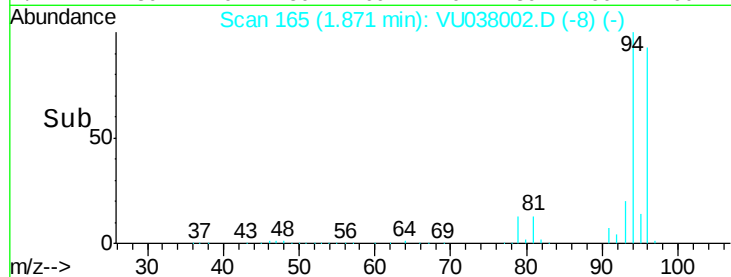
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 8.921 ug/l

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038002.D

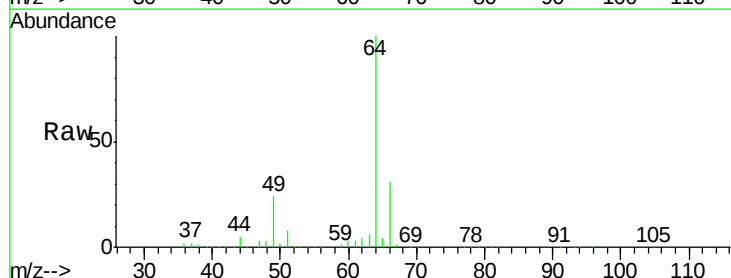
Acq: 04 May 2020 14:34

Tgt Ion: 64 Resp: 197488

Ion Ratio Lower Upper

64 100

66 31.4 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VU038002.D (-33) (-)

Ion 66.00 (65.70 to 66.70): VU038002.D (-33) (-)

1.95

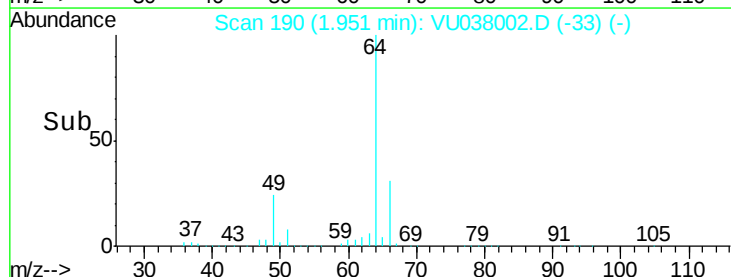
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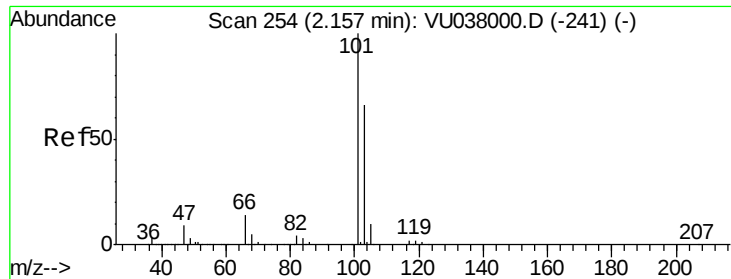
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50000

0

Time-->





#7

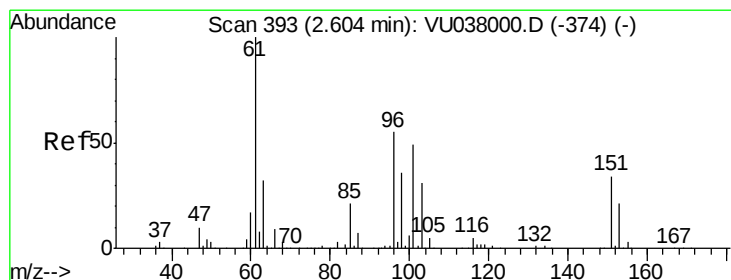
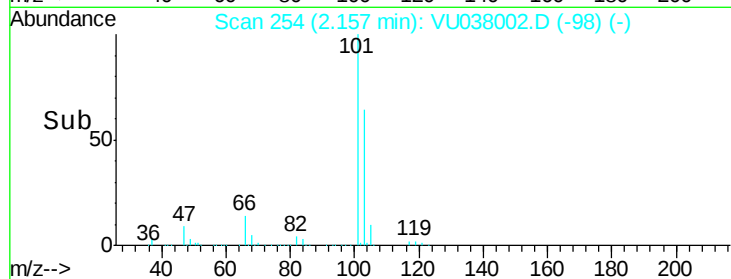
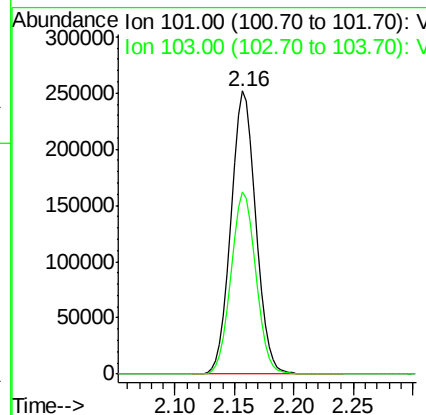
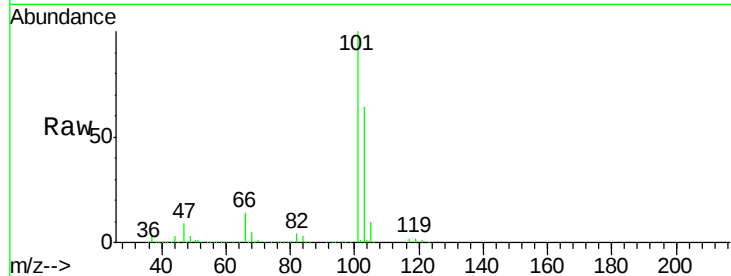
Trichlorofluoromethane
Concen: 9.453 ug/l
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampled :
ICVVU050420

Tot Ion	Ratio	Resp	Lower	Upper
101	100	365118		
103	64.2	52.6	78.8	

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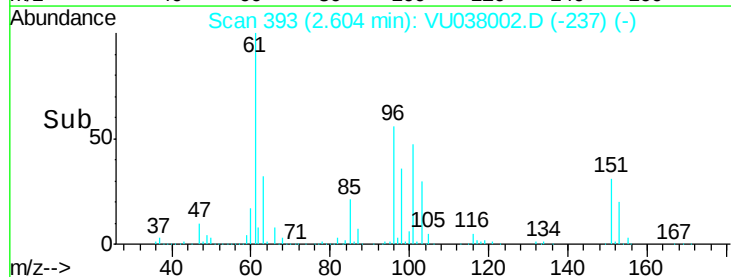
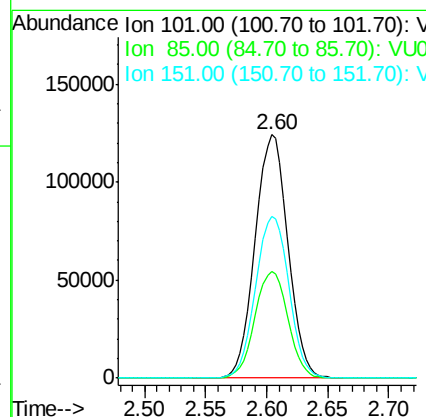
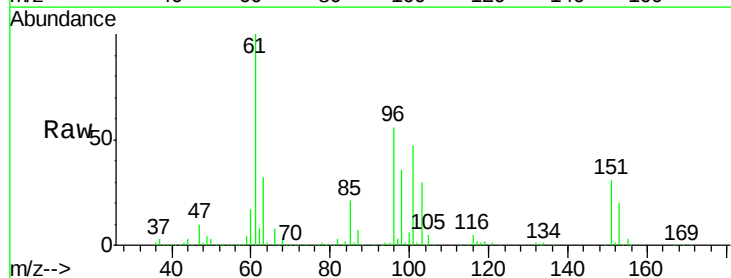
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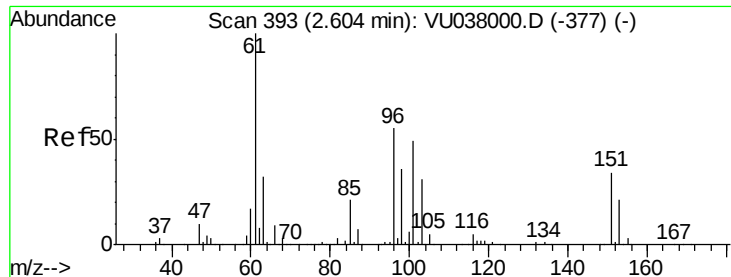


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.534 ug/l
RT: 2.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	229587		
85	44.3	35.5	53.3	
151	67.9	55.2	82.8	





#9

1,1-Dichloroethene

Concen: 9.798 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

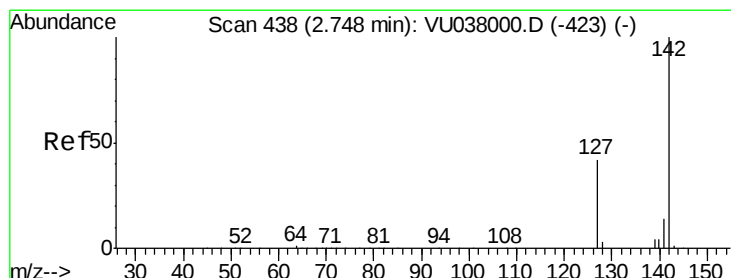
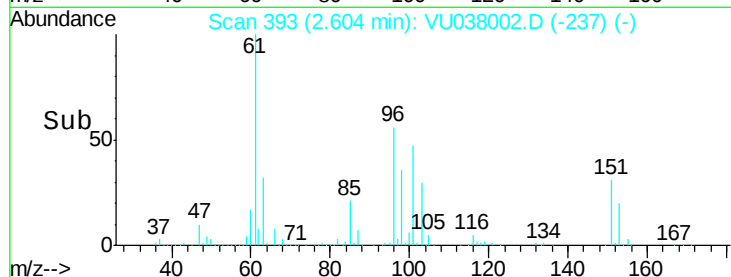
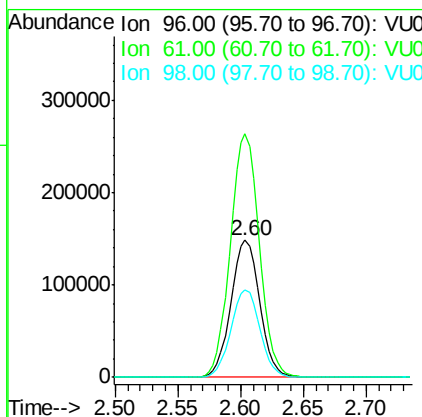
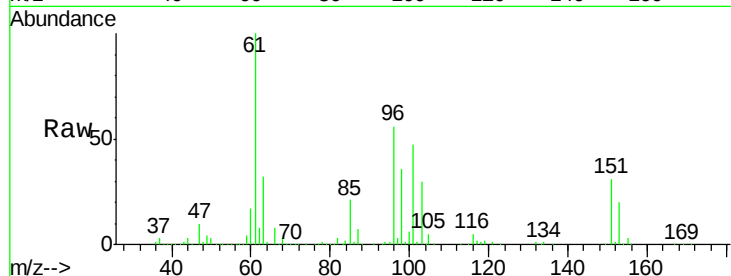
ClientSampleId :

ICVVU050420

Tot Ion:	96	Resp:	236896
Ion Ratio	Lower	Upper	
96	100		
61	177.6	0.0	543.0
98	63.9	0.0	129.4

Manual Integrations
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#10

Iodomethane

Concen: 8.343 ug/l

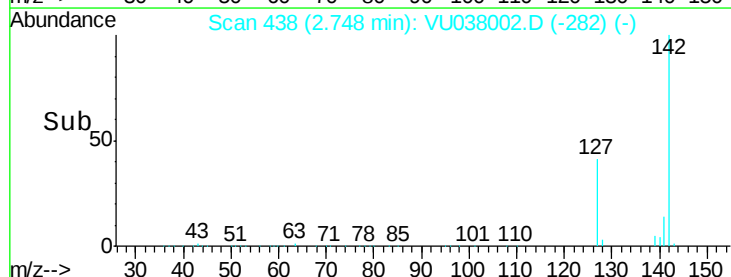
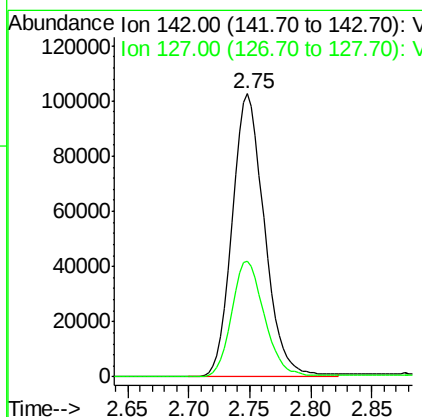
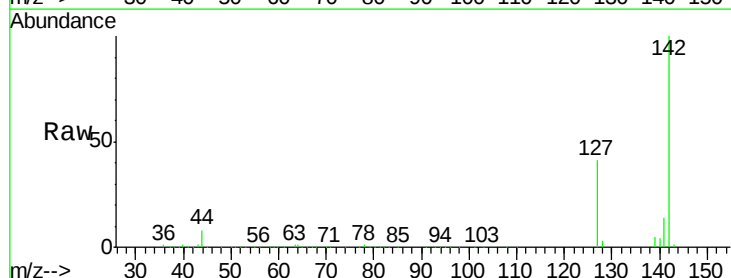
RT: 2.75 min Scan# 438

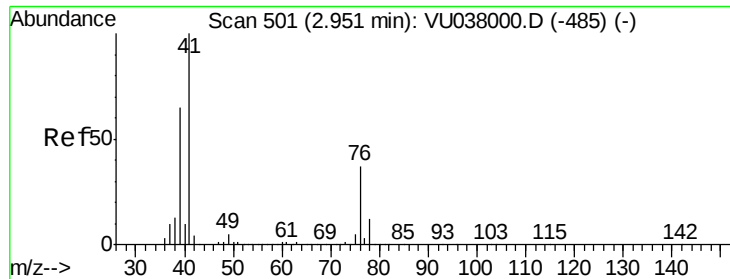
Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tgt Ion:	142	Resp:	189216
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.5	50.3





#11

Allvl Chloride

Concen: 10.190 ug/l

RT: 2.95 min Scan# 501

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tot Ion: 41 Resp: 457063

Ion Ratio Lower Upper

41 100

39 62.0 51.7 77.5

Instrument :

MSVOA_U

ClientSampleId :

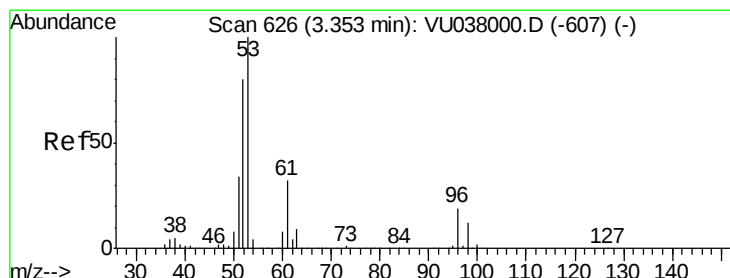
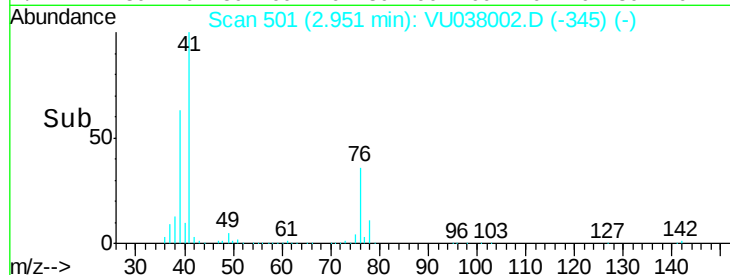
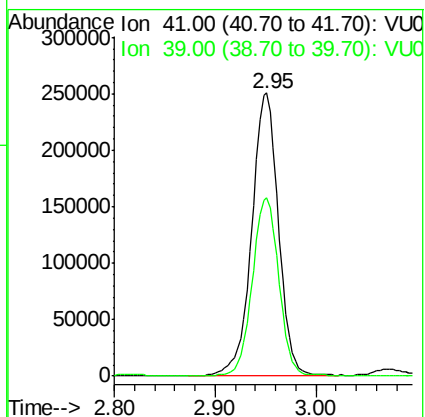
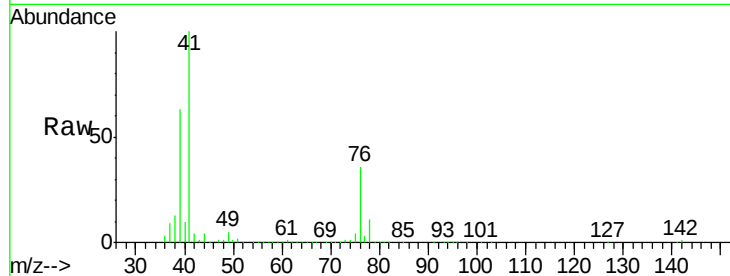
ICVVU050420

Manual Integrations

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#12

Acrylonitrile

Concen: 48.679 ug/l

RT: 3.35 min Scan# 626

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

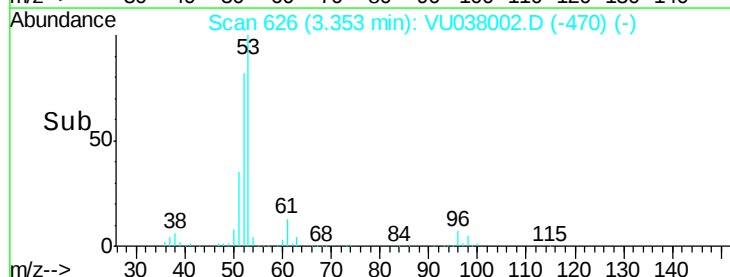
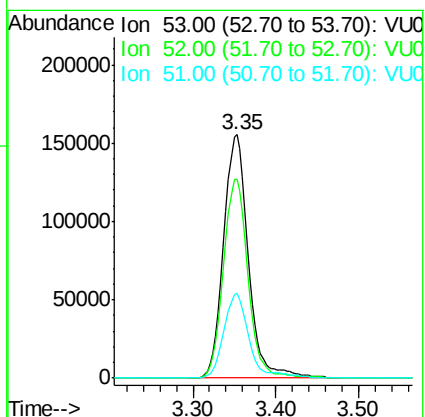
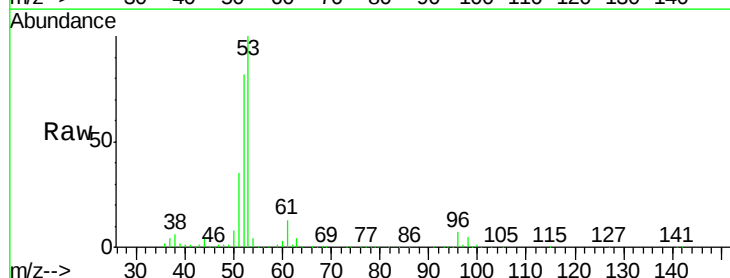
Tgt Ion: 53 Resp: 321735

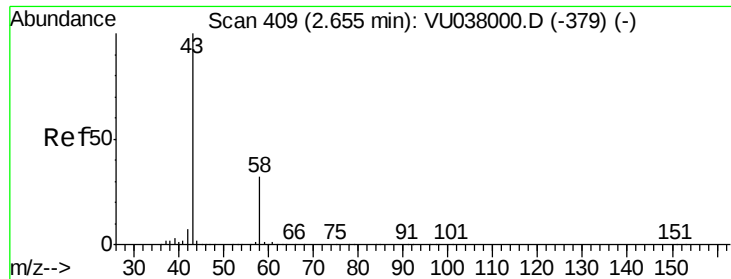
Ion Ratio Lower Upper

53 100

52 81.2 63.3 94.9

51 35.4 30.2 45.2





#13

Acetone

Concen: 61.732 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU050420

Tot Ion: 43 Resp: 326355

Ion Ratio Lower Upper

43 100

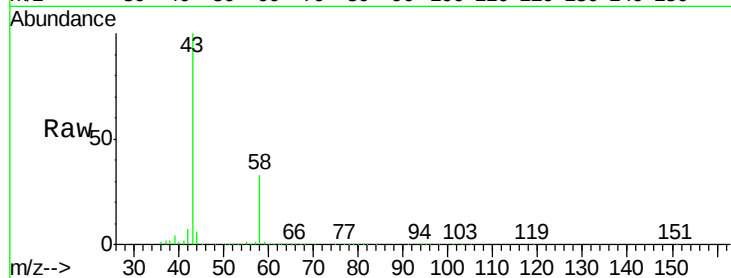
58 33.6 25.2 37.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU038002.D (-253) (-)

Ion 58.00 (57.70 to 58.70): VU038002.D (-253) (-)

200000

150000

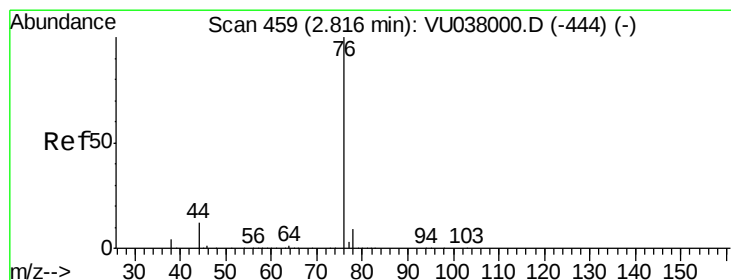
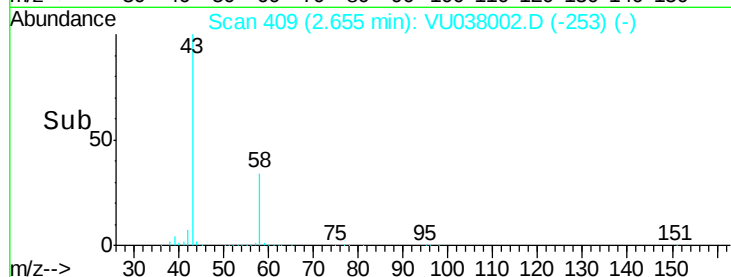
100000

50000

0

2.60 2.65 2.70 2.75

Time-->



#14

Carbon Disulfide

Concen: 9.173 ug/l

RT: 2.82 min Scan# 459

Delta R.T. 0.00 min

Lab File: VU038002.D

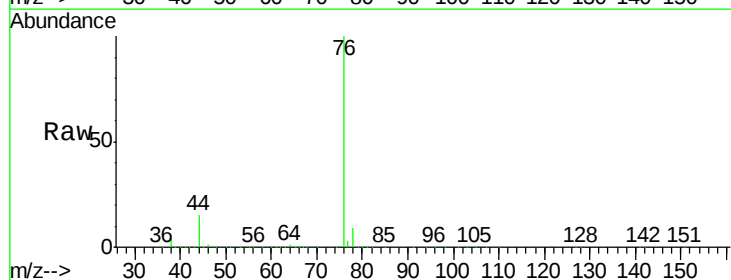
Acq: 04 May 2020 14:34

Tgt Ion: 76 Resp: 809848

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VU038002.D (-303) (-)

Ion 78.00 (77.70 to 78.70): VU038002.D (-303) (-)

500000

400000

300000

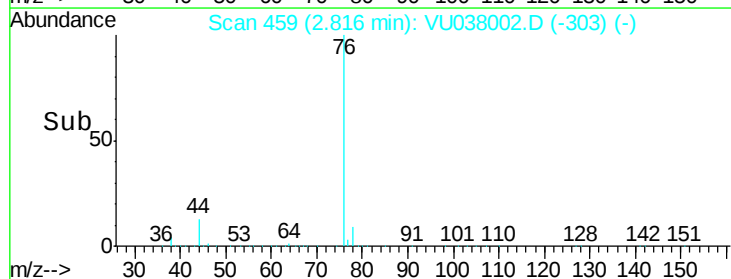
200000

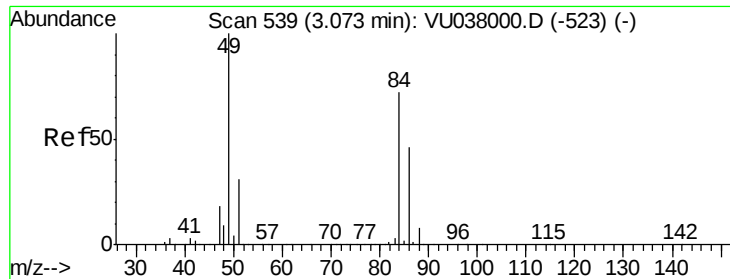
100000

0

2.70 2.75 2.80 2.85 2.90

Time-->





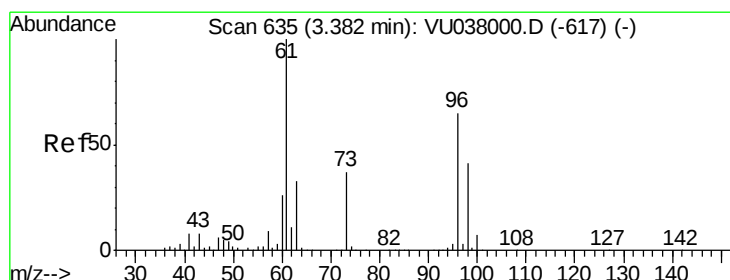
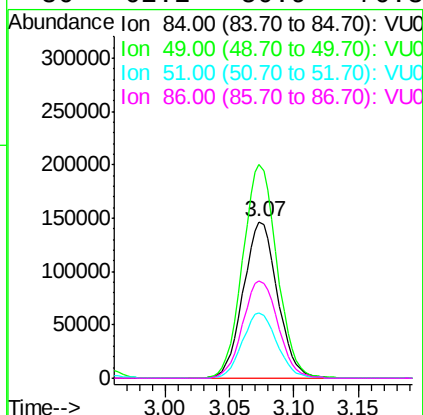
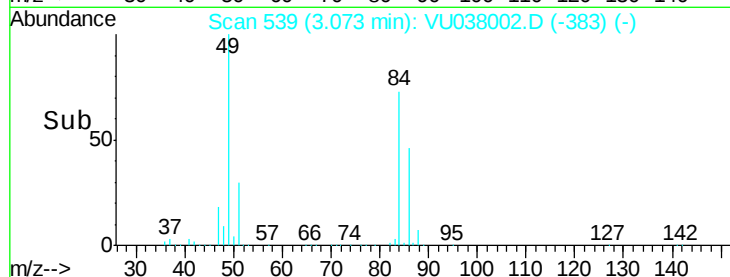
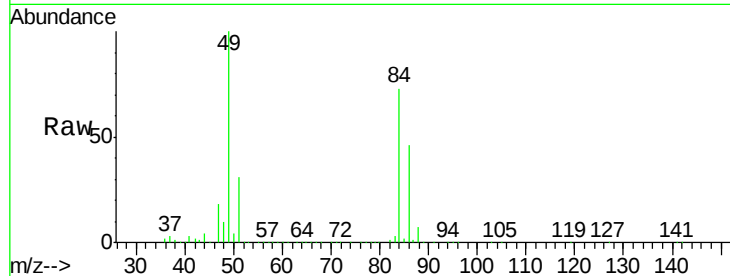
#15
Methvlene Chloride
Concen: 9.614 ug/l
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :
ICVVU050420

Tot Ion:	84	Resp:	271718
Ion	Ratio	Lower	Upper
84	100		
49	136.6	110.6	166.0
51	41.6	0.0	85.4
86	62.2	50.9	76.3

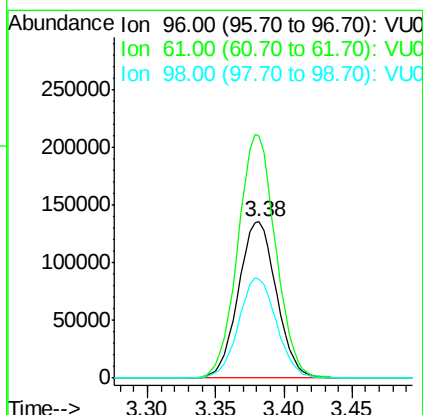
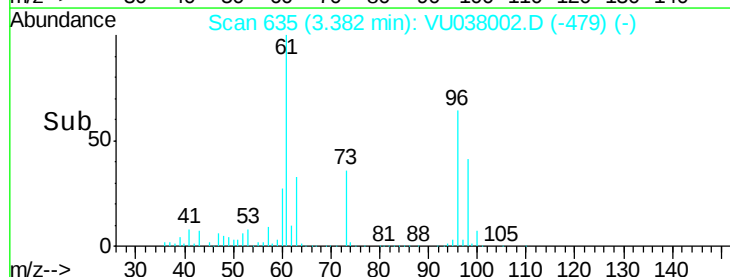
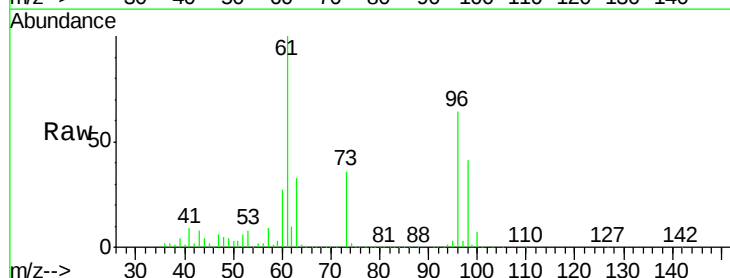
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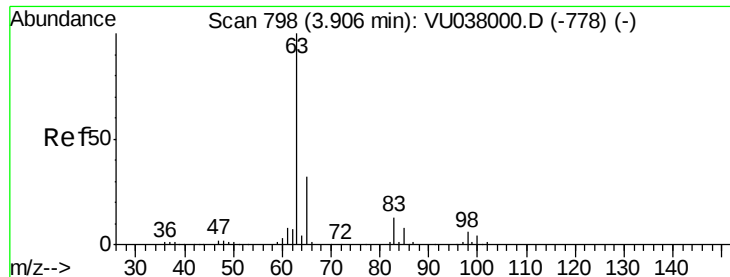
apatel
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#16
trans-1,2-Dichloroethene
Concen: 9.893 ug/l
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion:	96	Resp:	261723
Ion	Ratio	Lower	Upper
96	100		
61	155.1	122.4	183.6
98	63.7	50.1	75.1





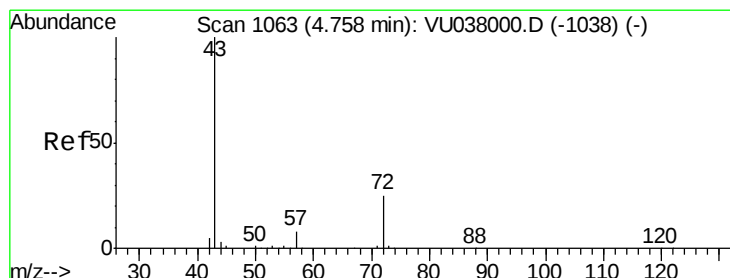
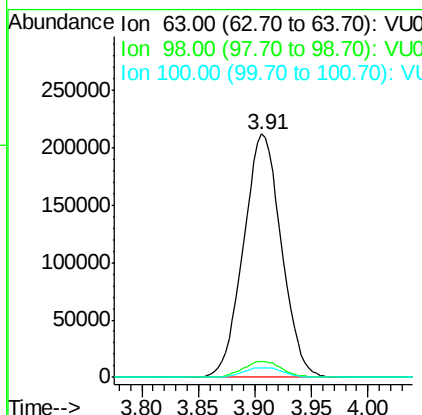
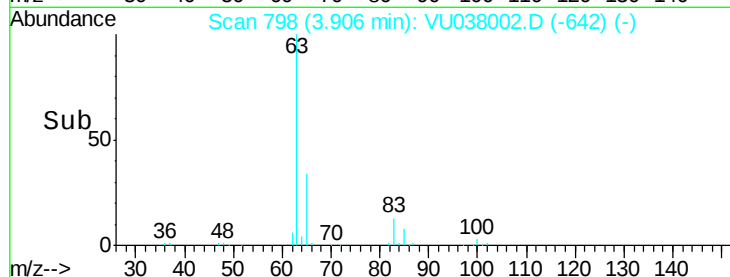
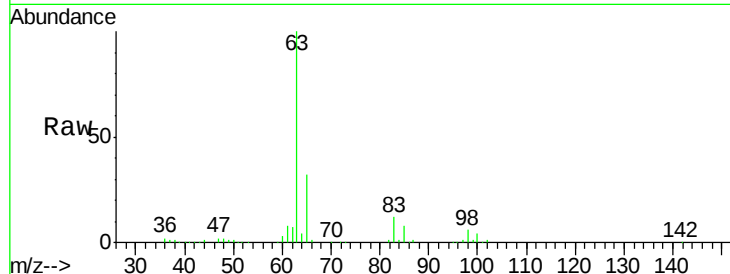
#17
 1,1-Dichloroethane
 Concen: 9.855 ug/l
 RT: 3.91 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Tot Ion:	63	Resp:	494516
Ion Ratio	Lower	Upper	
63	100		
98	6.4	3.1	9.4
100	4.1	2.2	6.6

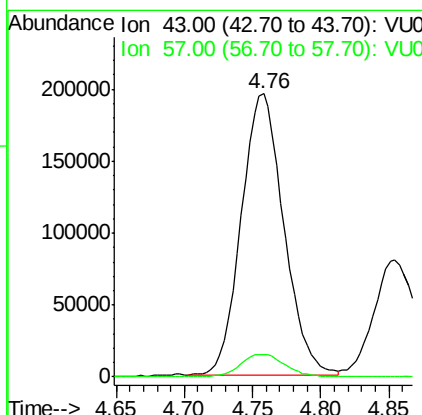
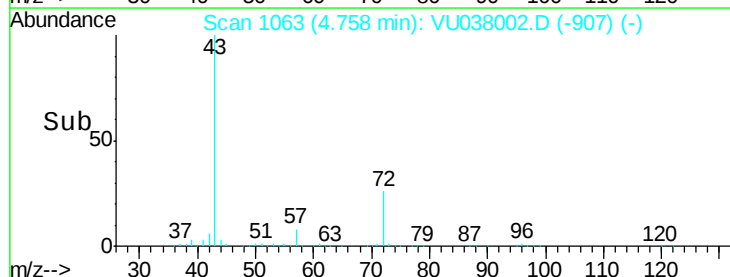
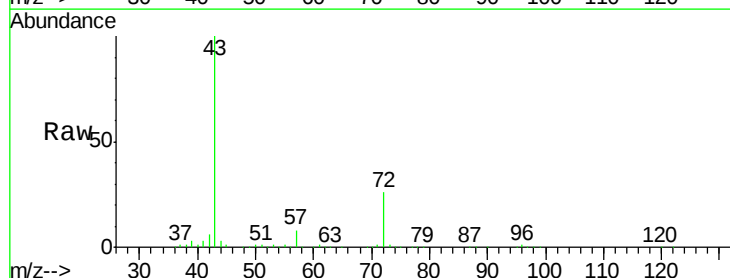
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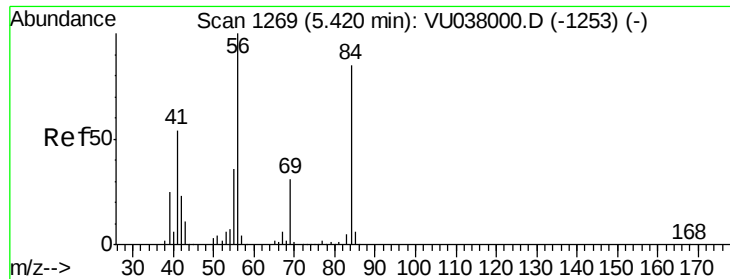
apatel
 5/5/2020 11:15:55 AM



#18
 2-Butanone
 Concen: 53.199 ug/l
 RT: 4.76 min Scan# 1063
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion:	43	Resp:	421699
Ion Ratio	Lower	Upper	
43	100		
57	8.0	0.0	16.6





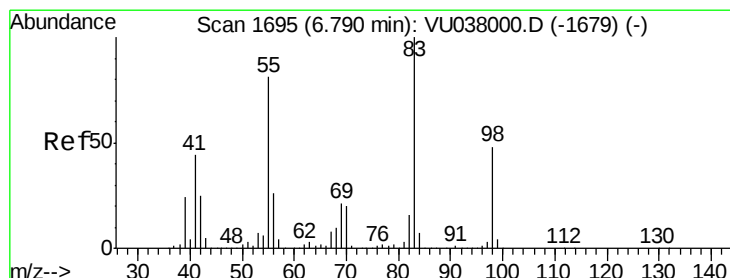
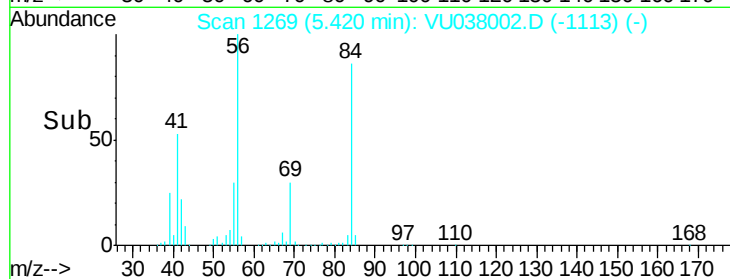
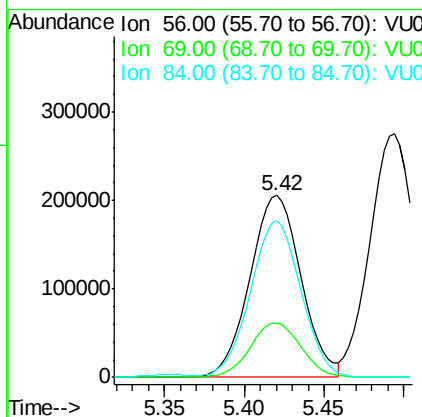
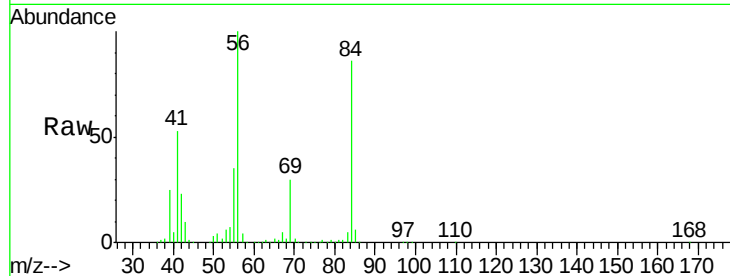
#19
Cyclohexane
Concen: 9.449 ug/l m
RT: 5.42 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampled :
ICVVU050420

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	24.3	36.5
84	83.5	66.3	99.5

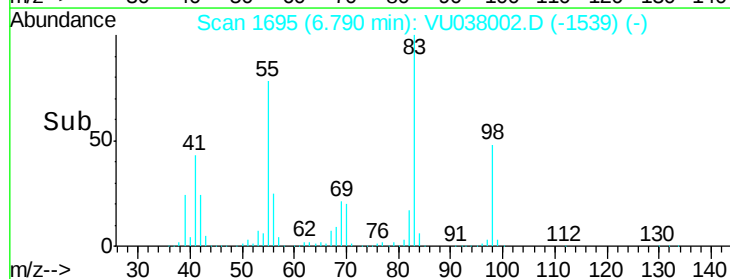
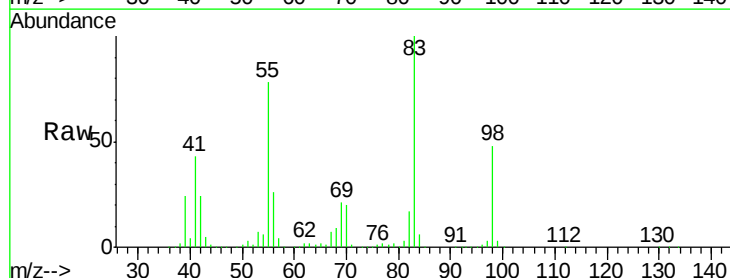
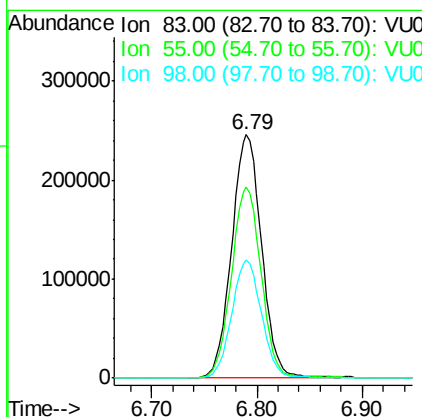
Manual Integrations
APPROVED

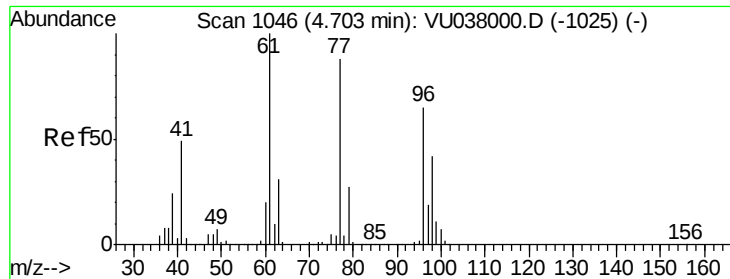
apatel
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#20
Methylcyclohexane
Concen: 10.053 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.4	61.5	92.3
98	48.0	37.3	55.9





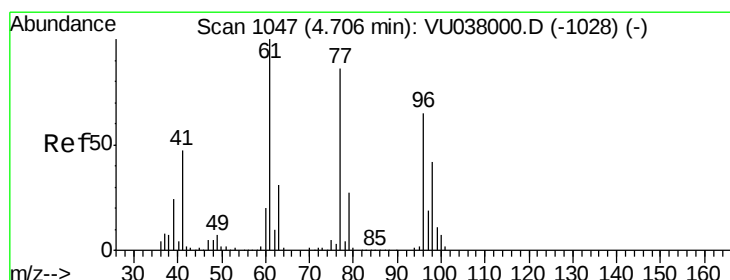
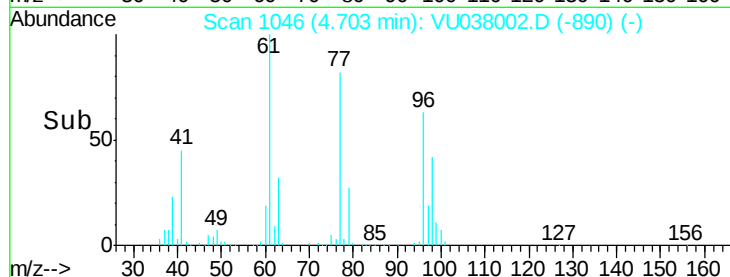
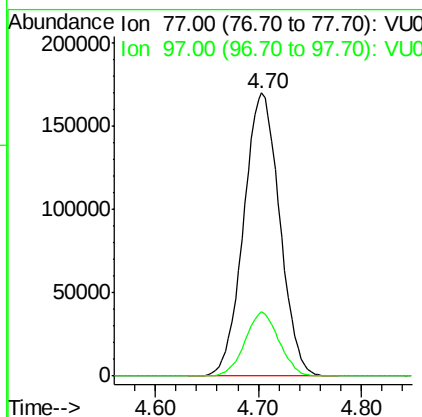
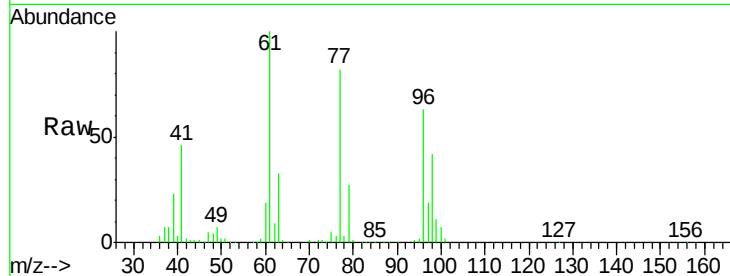
#21
 2,2-Dichloropropane
 Concen: 9.833 ug/l
 RT: 4.70 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Tot Ion: 77 Resp: 412351
 Ion Ratio Lower Upper
 77 100
 97 21.5 17.4 26.2

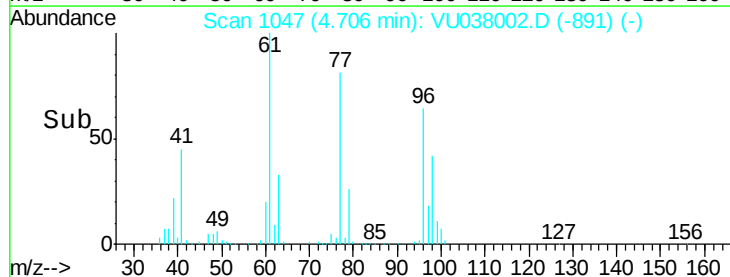
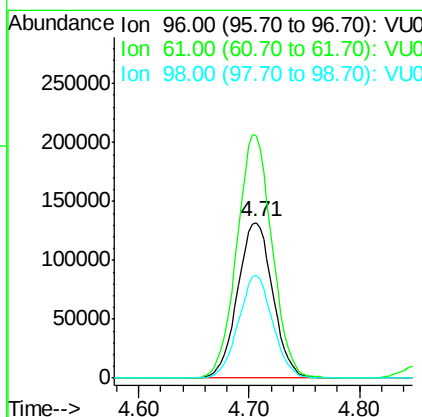
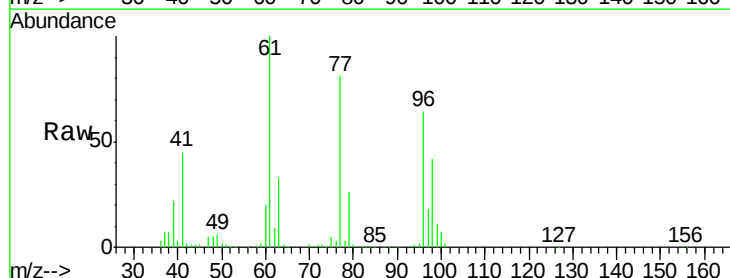
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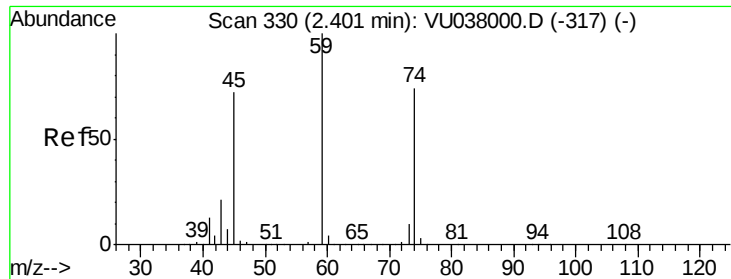
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#22
 cis-1,2-Dichloroethene
 Concen: 10.421 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion: 96 Resp: 291459
 Ion Ratio Lower Upper
 96 100
 61 156.7 0.0 389.3
 98 64.4 32.1 96.3





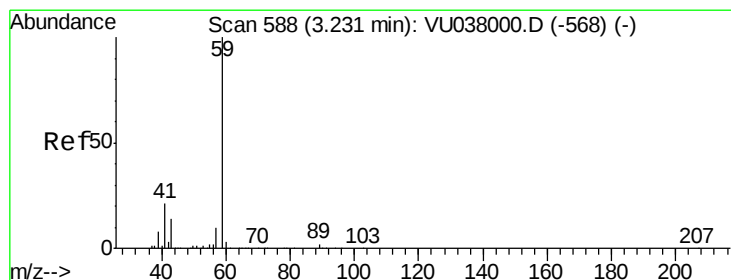
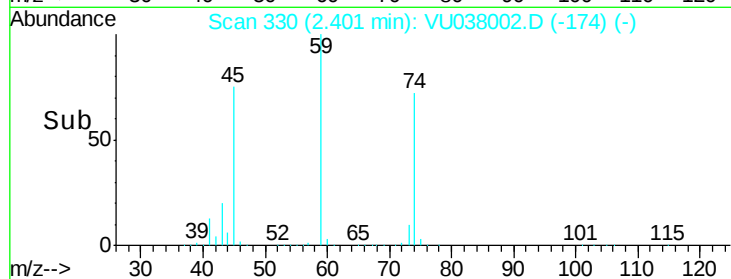
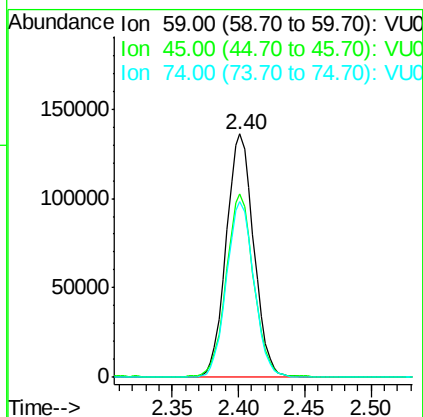
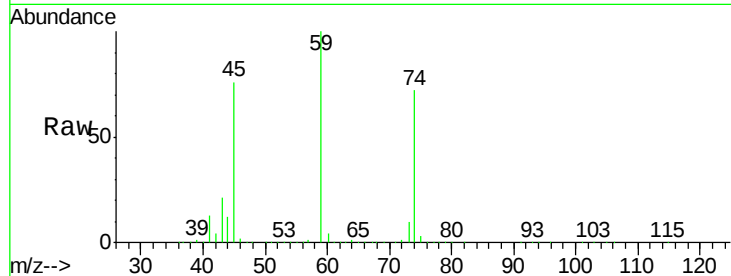
#23
Diethyl Ether
Concen: 9.270 ug/l
RT: 2.40 min Scan# 330
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :
ICVVU050420

Tot Ion	Ratio	Lower	Upper
59	100		
45	74.7	59.8	89.6
74	72.2	58.2	87.4

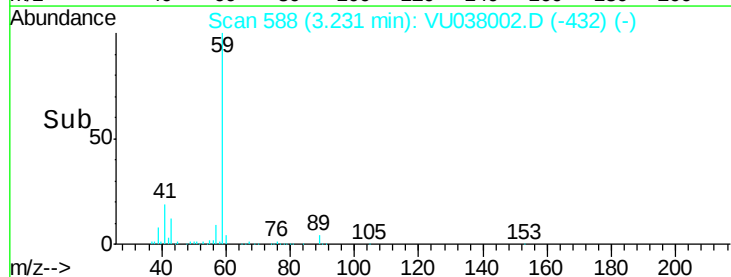
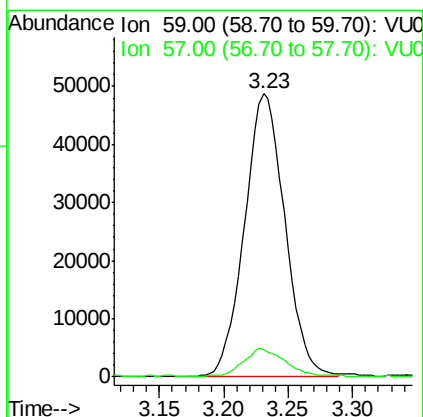
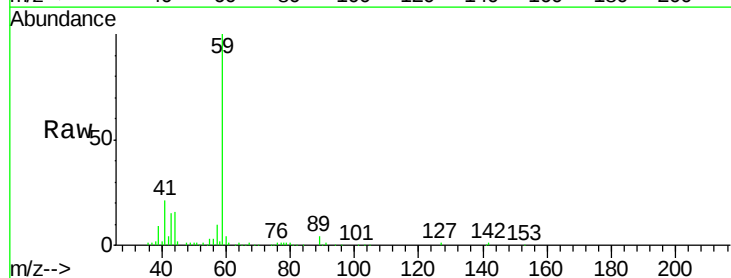
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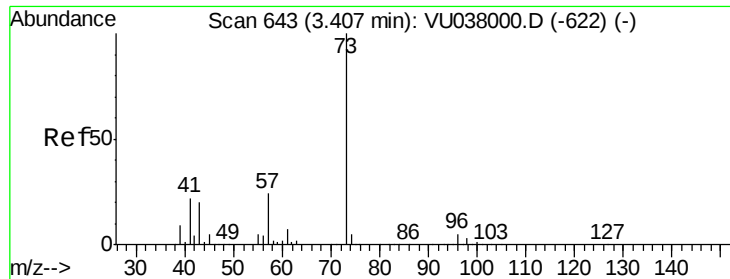
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#24
tert-Butyl Alcohol
Concen: 45.251 ug/l
RT: 3.23 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.2	12.4





#25

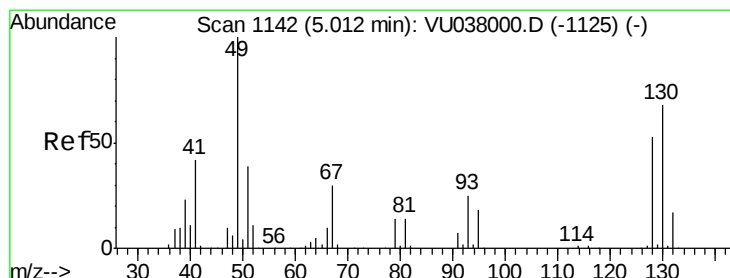
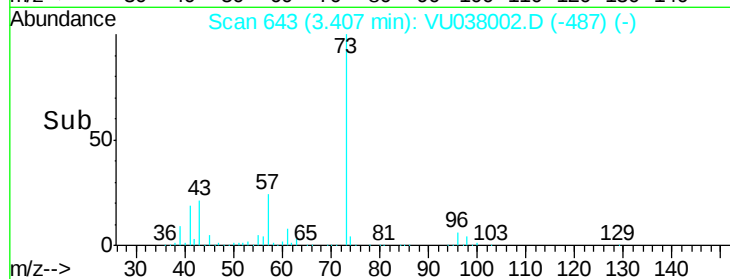
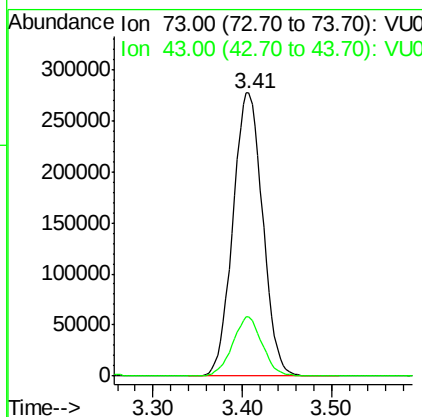
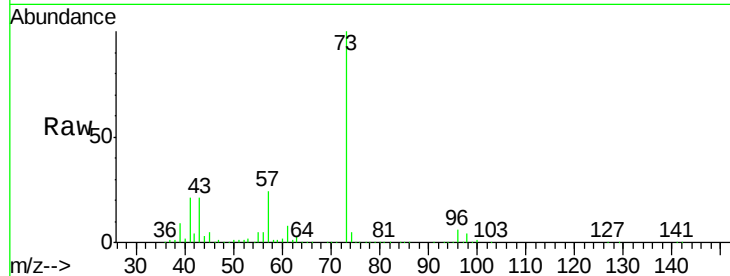
Methyl tert-Butyl Ether
 Concen: 9.675 ug/l
 RT: 3.41 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Tot Ion	73	Resp	640907
Ion Ratio	100	Lower	Upper
73	100		
43	20.9	16.2	24.2

Manual Integrations
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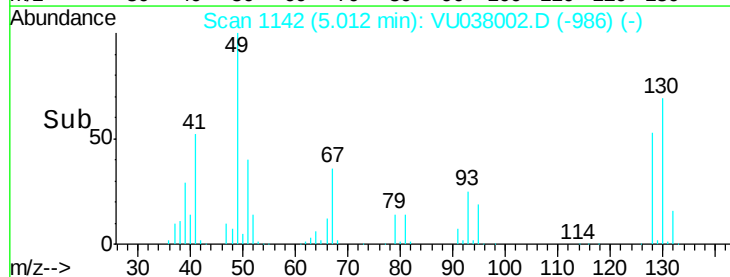
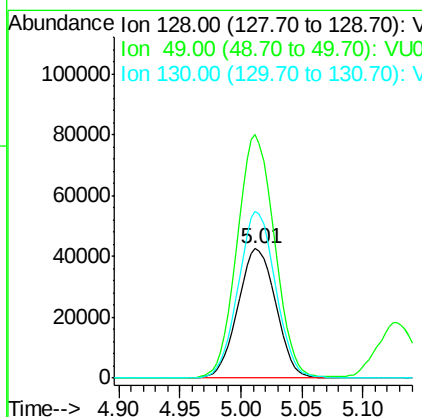
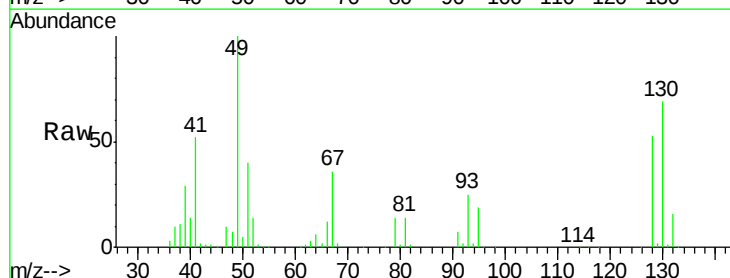
apatel
 5/5/2020 11:15:55 AM

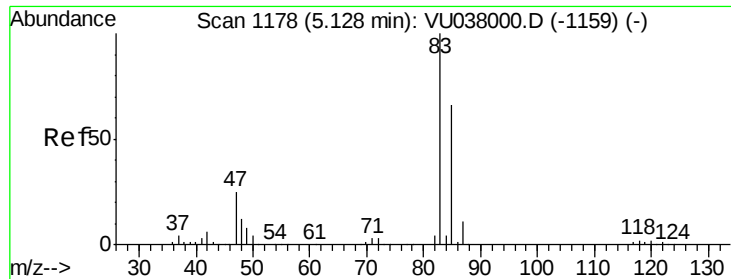


#26

Bromochloromethane
 Concen: 8.160 ug/l
 RT: 5.01 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion	128	Resp	91854
Ion Ratio	100	Lower	Upper
128	100		
49	185.8	0.0	376.0
130	126.7	102.6	153.8





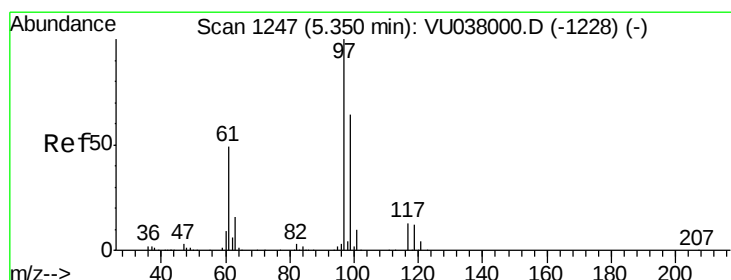
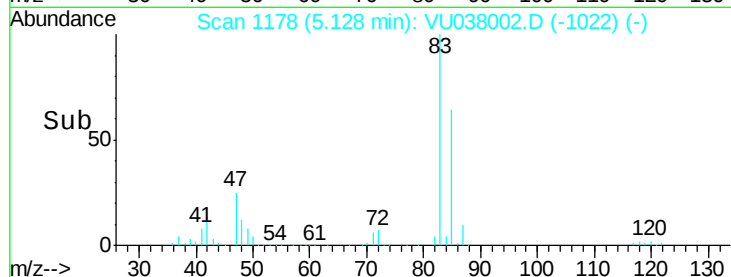
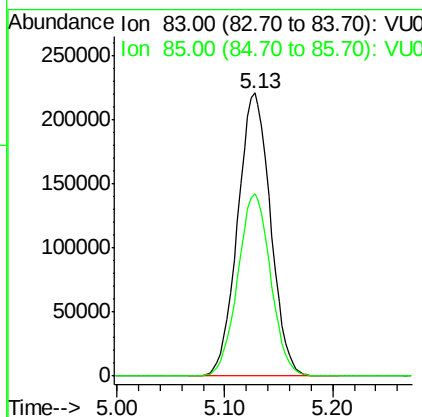
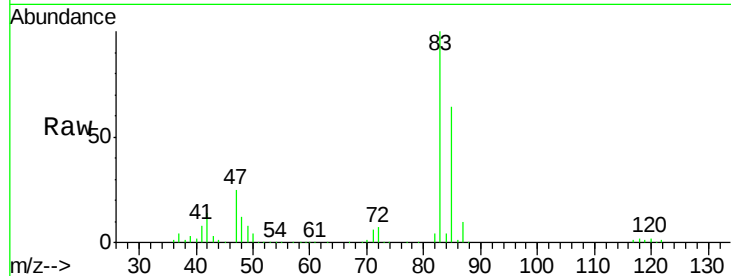
#27
Chloroform
Concen: 9.964 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :
ICVVU050420

Tot Ion	83	Resp	468898
Ion Ratio	100	Lower	Upper
85	64.4	0.0	132.0

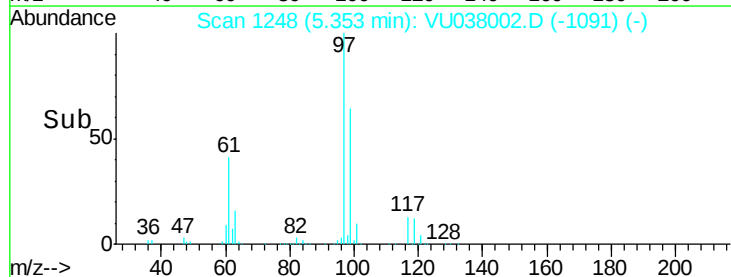
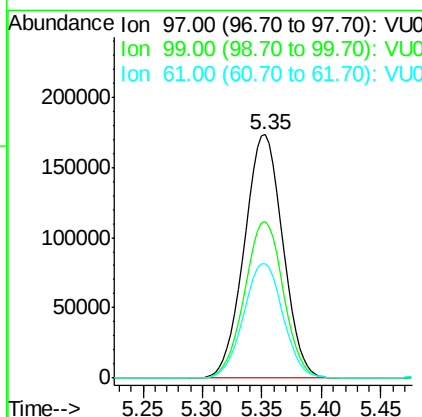
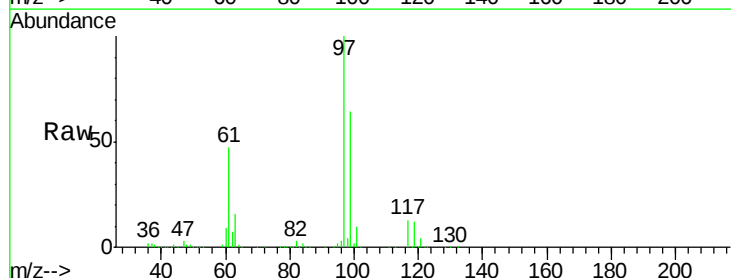
Manual Integrations
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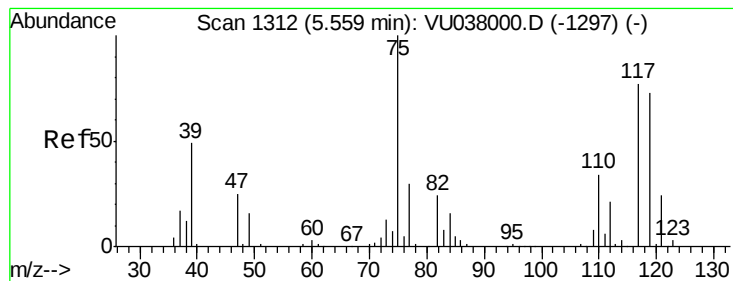
apatel
5/5/2020 11:15:55 AM



#28
1,1,1-Trichloroethane
Concen: 10.036 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion	97	Resp	389202
Ion Ratio	100	Lower	Upper
99	64.8	31.9	95.9
61	47.9	24.1	72.4





#29

1,1-Dichloropropene

Concen: 9.902 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU050420

Tot Ion: 75 Resp: 386467

Ion Ratio Lower Upper

75 100

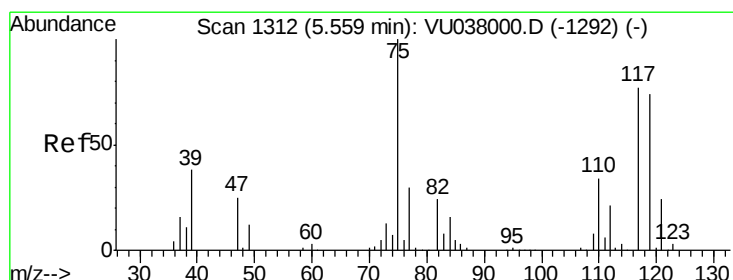
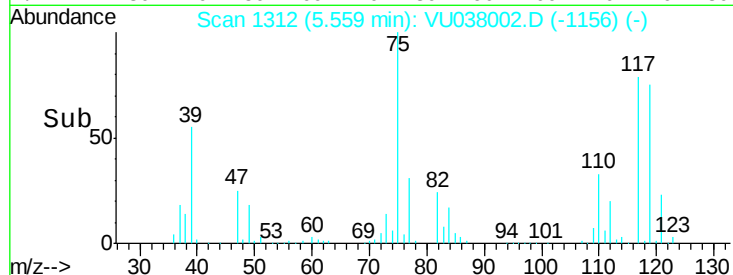
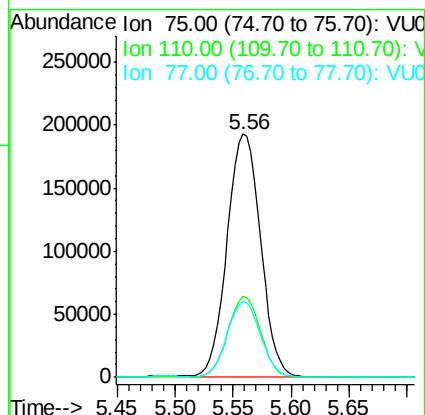
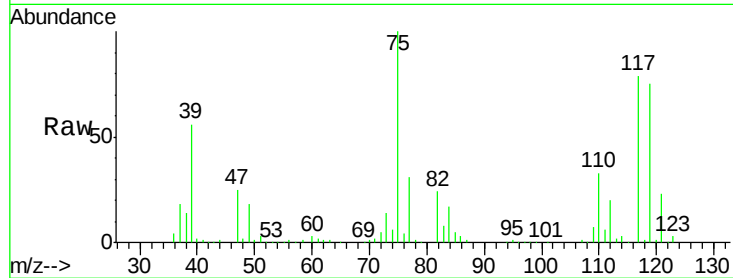
110 32.8 16.7 50.1

77 30.9 24.5 36.7

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#30

Carbon Tetrachloride

Concen: 10.123 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

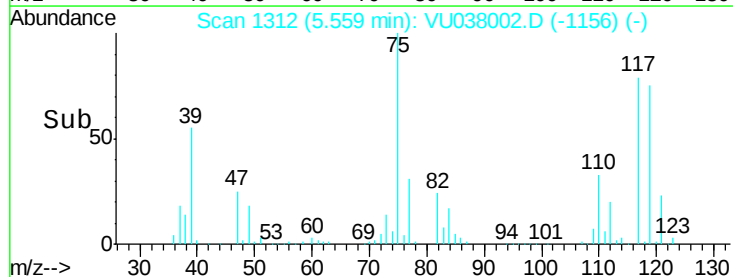
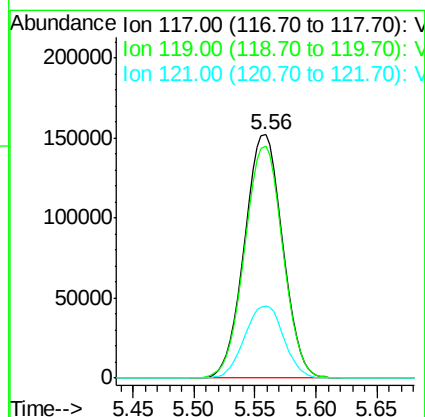
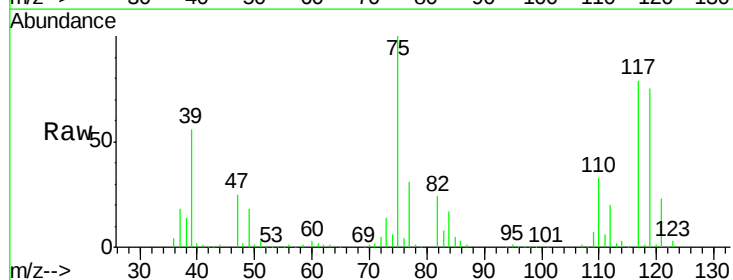
Tgt Ion: 117 Resp: 328461

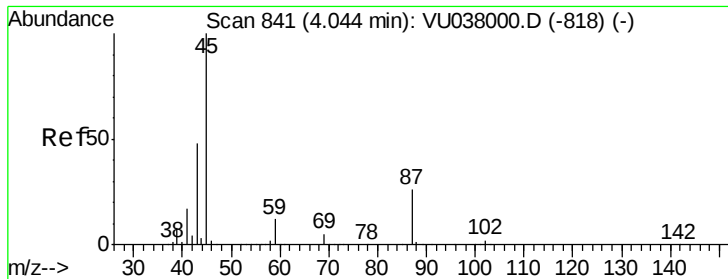
Ion Ratio Lower Upper

117 100

119 95.3 76.3 114.5

121 29.7 24.7 37.1





#31

Isopropyl Ether

Concen: 10.387 ug/l

RT: 4.04 min Scan# 841

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU050420

Tot Ion: 45 Resp: 857732

Ion Ratio Lower Upper

45 100

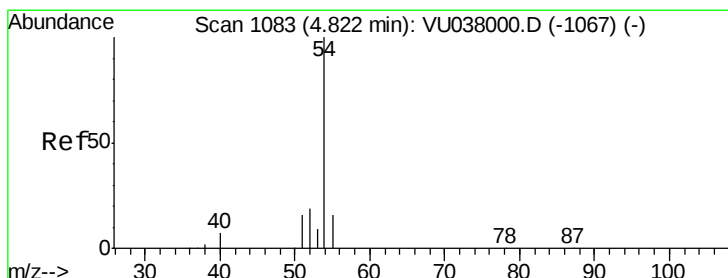
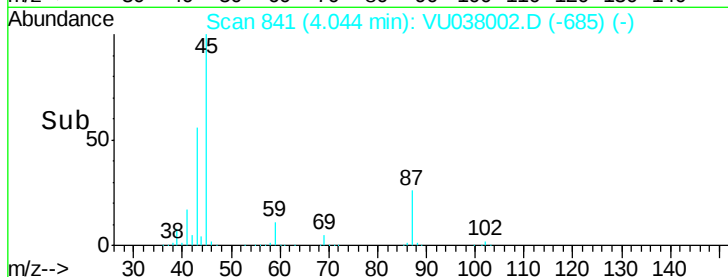
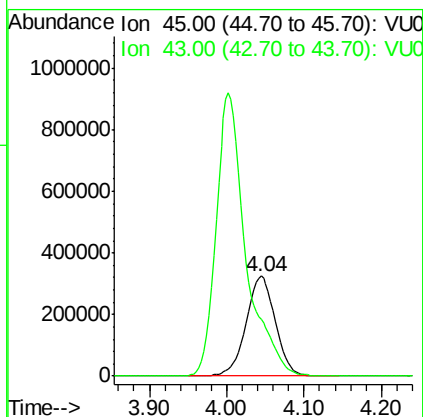
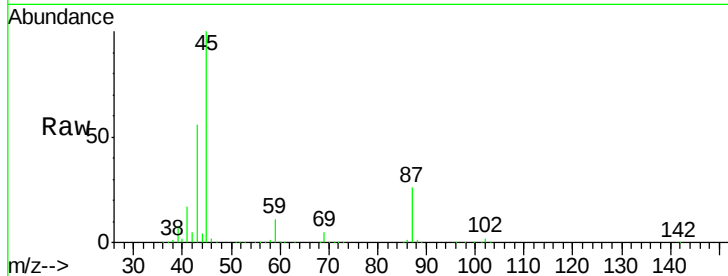
43 286.8 24.2 72.6#

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#34

Propionitrile

Concen: 98.534 ug/l

RT: 4.82 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tgt Ion: 54 Resp: 223620

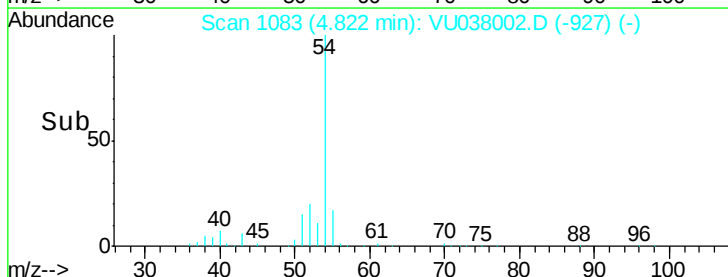
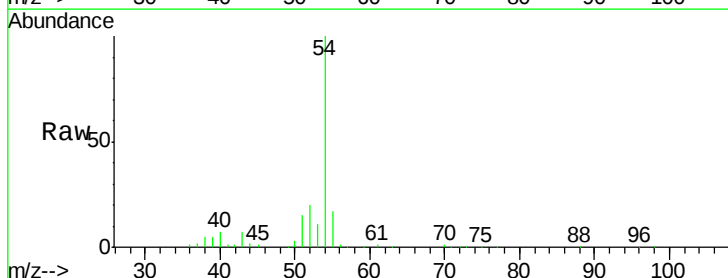
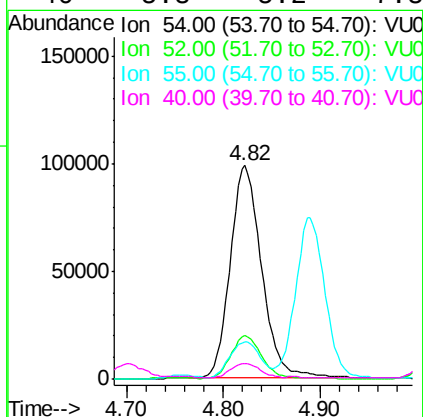
Ion Ratio Lower Upper

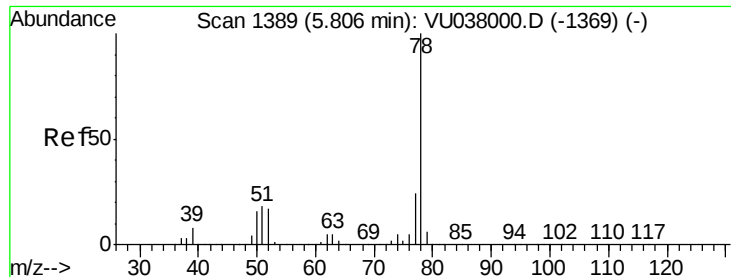
54 100

52 19.3 15.8 23.8

55 17.1 13.2 19.8

40 5.8 5.2 7.8





#35

Benzene

Concen: 10.007 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU050420

Tot Ion: 78 Resp: 1092961

Ion Ratio Lower Upper

78 100

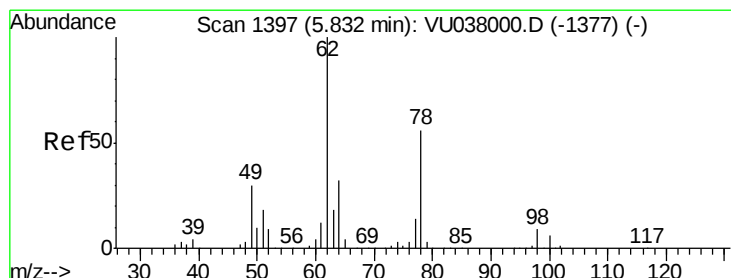
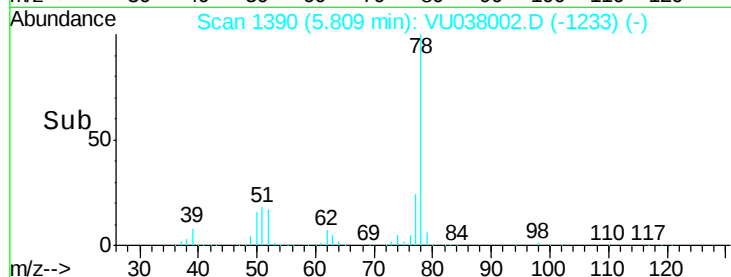
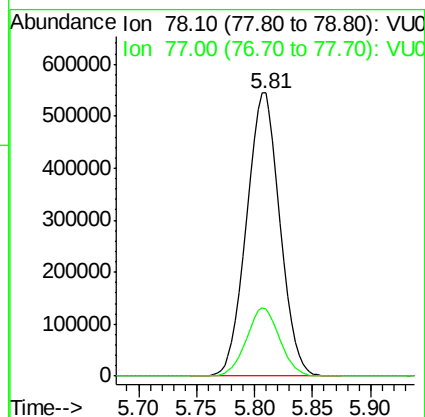
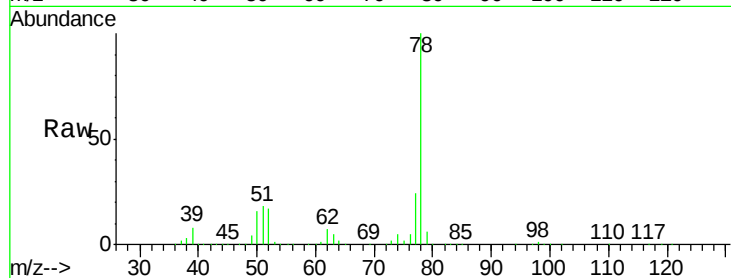
77 23.7 19.3 28.9

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#36

1,2-Dichloroethane

Concen: 9.996 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038002.D

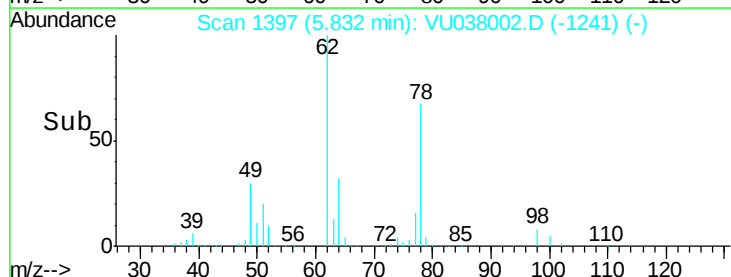
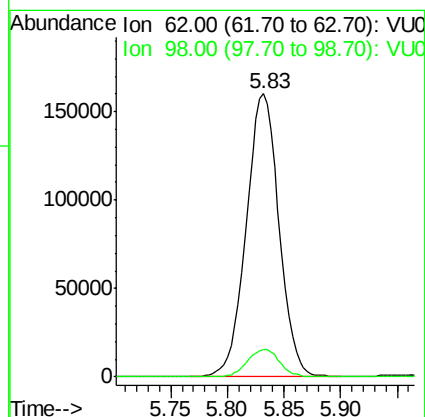
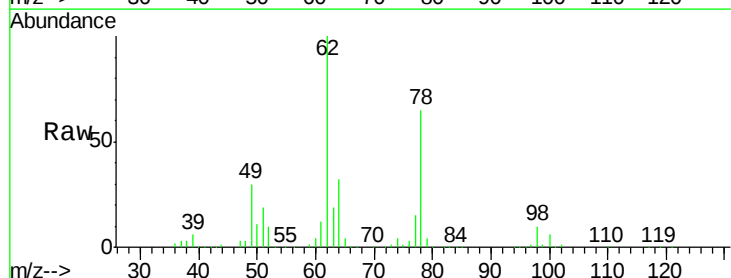
Acq: 04 May 2020 14:34

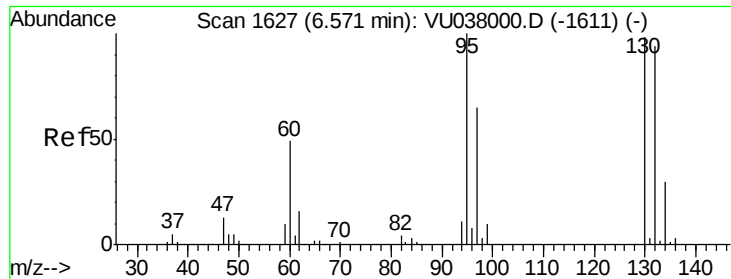
Tgt Ion: 62 Resp: 322968

Ion Ratio Lower Upper

62 100

98 9.6 7.3 10.9





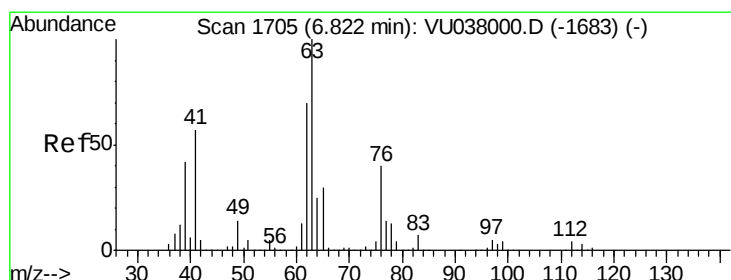
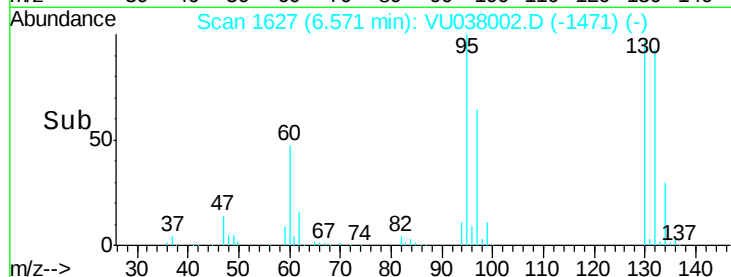
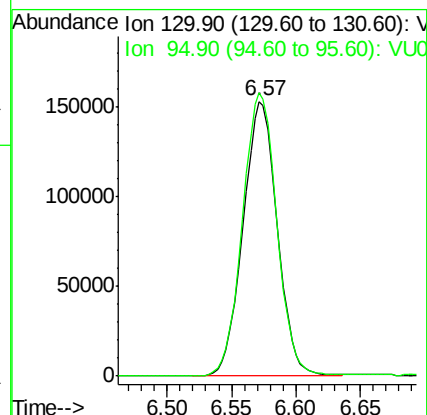
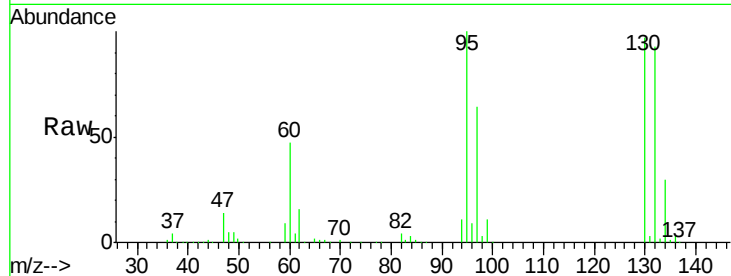
#37
 Trichloroethene
 Concen: 9.872 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Tot Ion	130	95	Resp	Lower	Upper
283077	100	102.9	81.6	122.4	

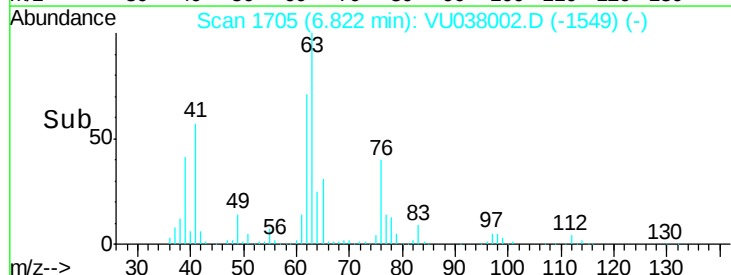
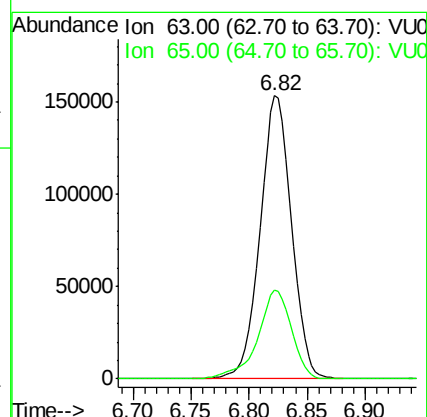
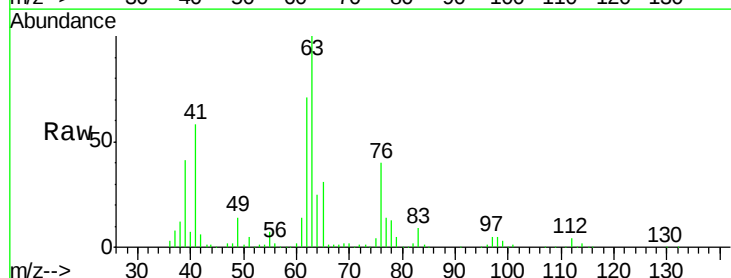
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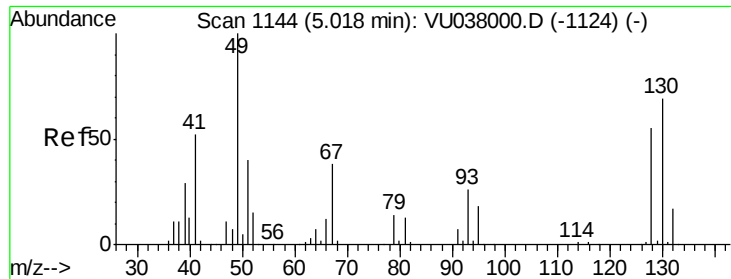
apatel
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#38
 1,2-Dichloropropane
 Concen: 9.865 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion	63	65	Resp	Lower	Upper
289911	100	31.4	24.1	36.1	





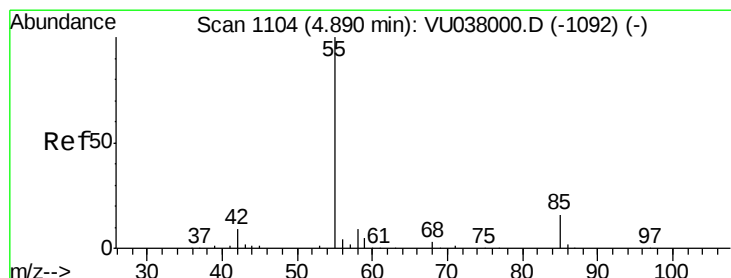
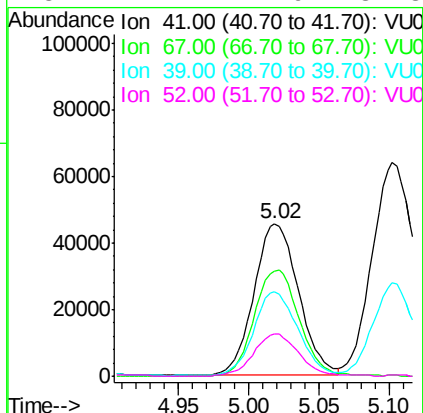
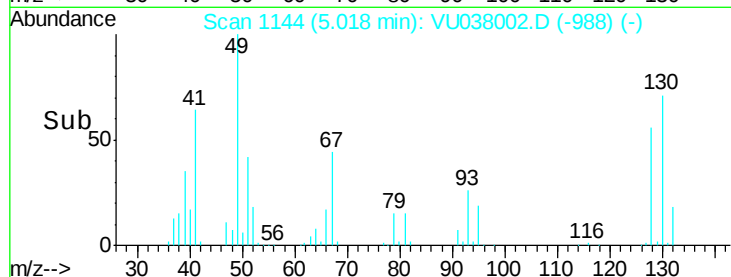
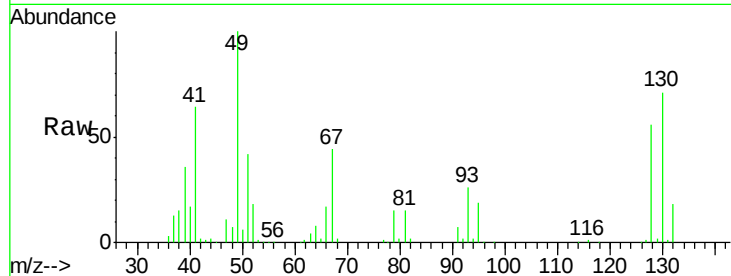
#39
Methacrylonitrile
Concen: 9.445 ug/l
RT: 5.02 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampled :
ICVVU050420

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		100410		
67	71.0	58.0	87.0		
39	55.2	43.2	64.8		
52	27.7	22.9	34.3		

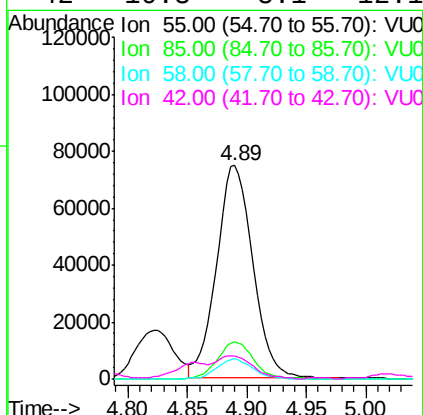
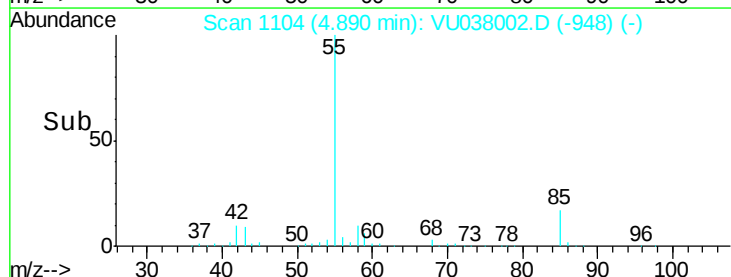
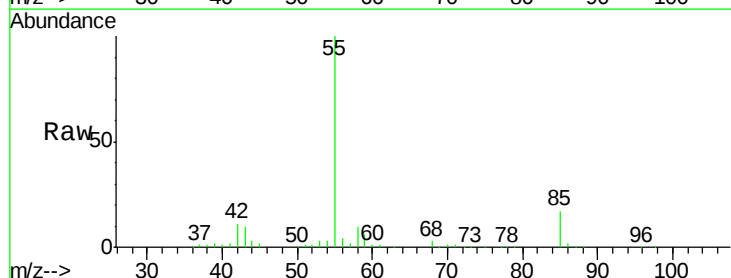
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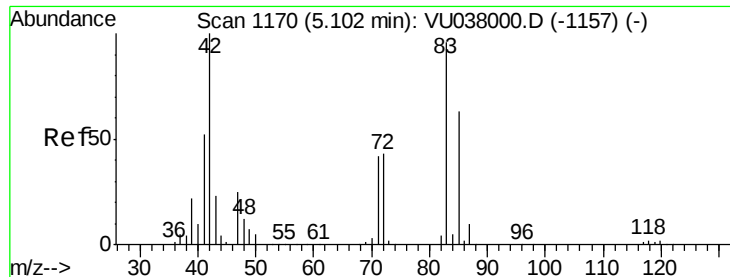
apatel
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#40
Methyl acrylate
Concen: 10.081 ug/l
RT: 4.89 min Scan# 1104
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
55	100		157922		
85	17.3	12.9	19.3		
58	9.3	7.2	10.8		
42	10.3	8.1	12.1		





#41

Tetrahydrofuran

Concen: 47.067 ug/l

RT: 5.10 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

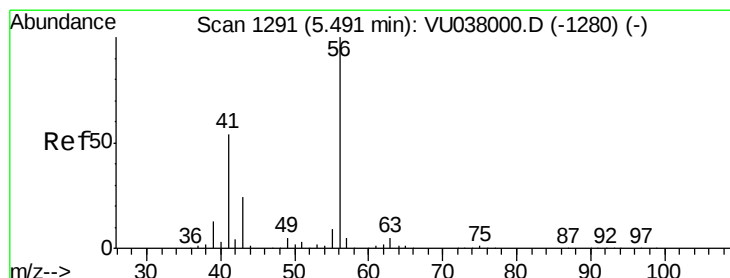
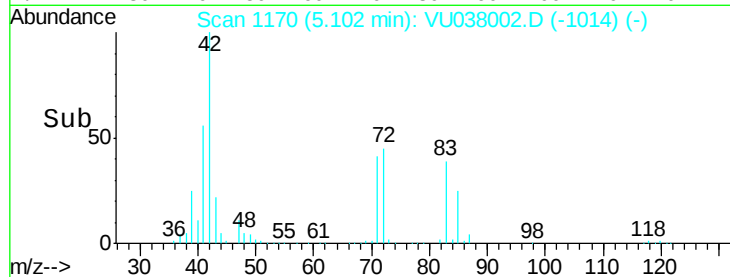
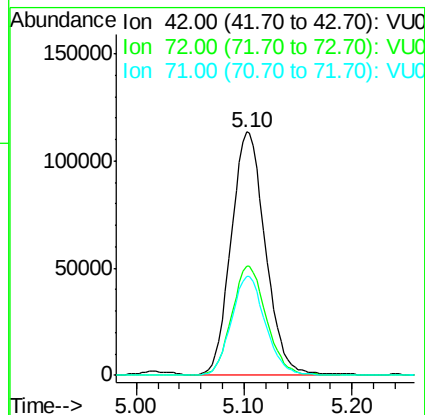
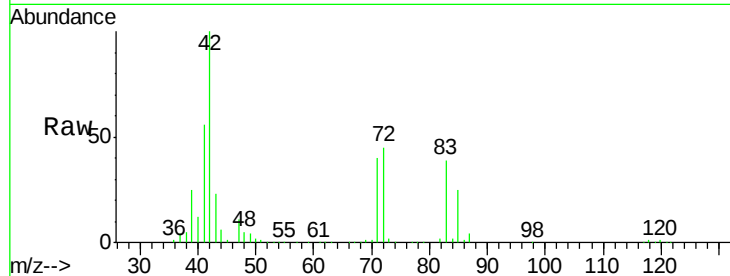
ClientSampled :

ICVVU050420

Tot Ion:	42	Resp:	249578
Ion	Ratio	Lower	Upper
42	100		
72	45.7	37.4	56.2
71	40.8	32.8	49.2

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#42

1-Chlorobutane

Concen: 9.783 ug/l

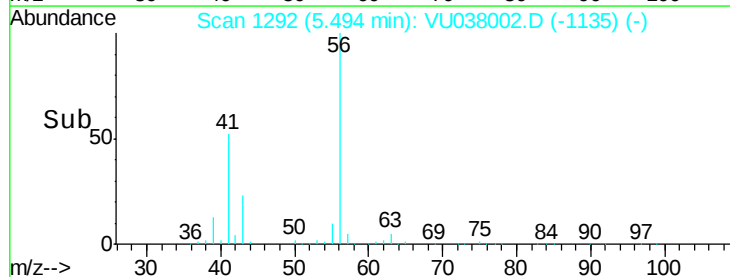
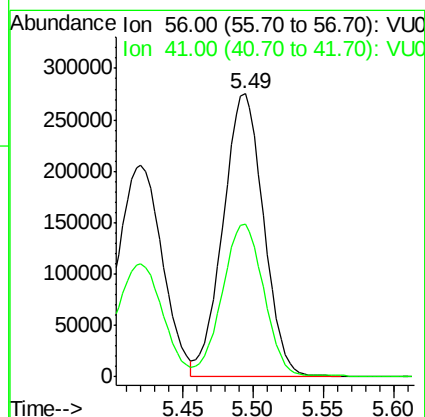
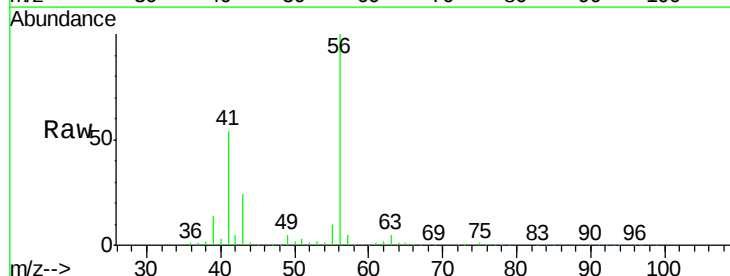
RT: 5.49 min Scan# 1292

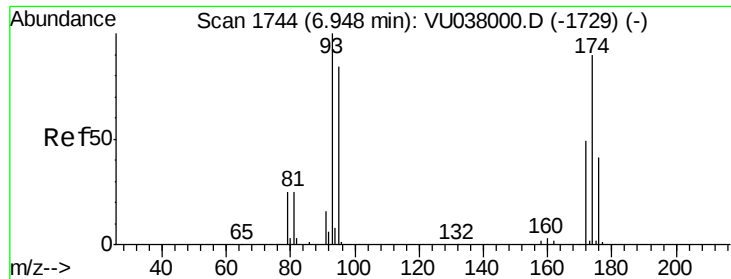
Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tgt Ion:	56	Resp:	550163
Ion	Ratio	Lower	Upper
56	100		
41	54.7	26.8	80.4





#43

Dibromomethane

Concen: 9.857 ug/l

RT: 6.95 min Scan# 1744

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

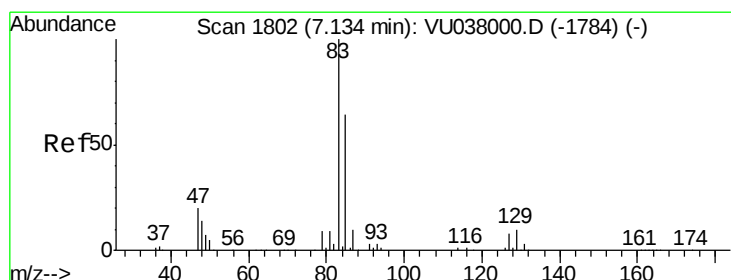
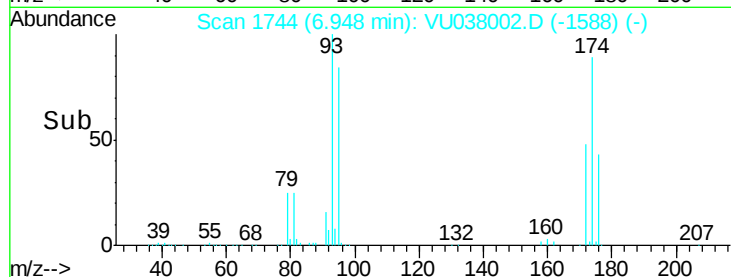
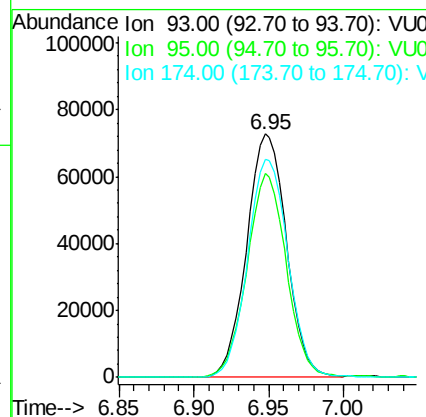
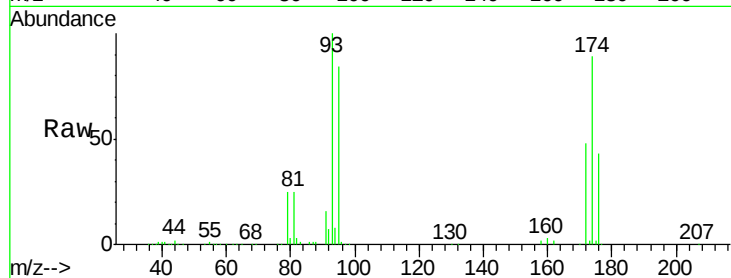
ClientSampleId :

ICVVU050420

Tot Ion:	93	Resp:	134959
Ion	Ratio	Lower	Upper
93	100		
95	82.2	66.1	99.1
174	91.0	72.8	109.2

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#44

Bromodichloromethane

Concen: 10.246 ug/l

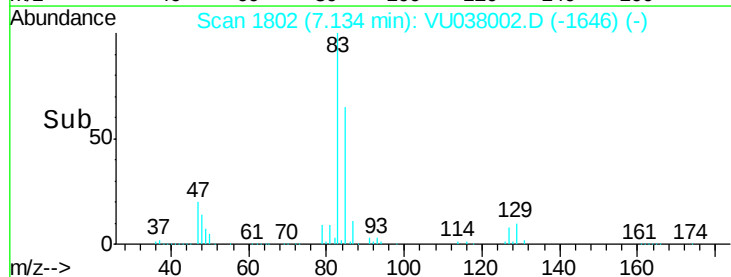
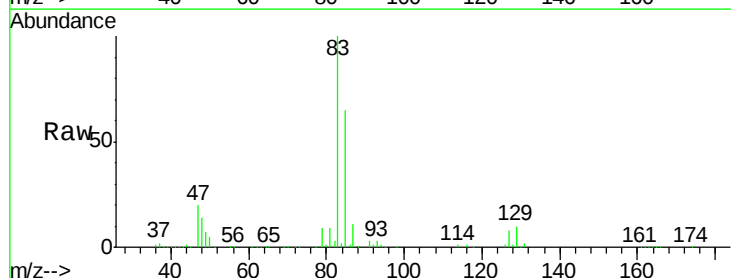
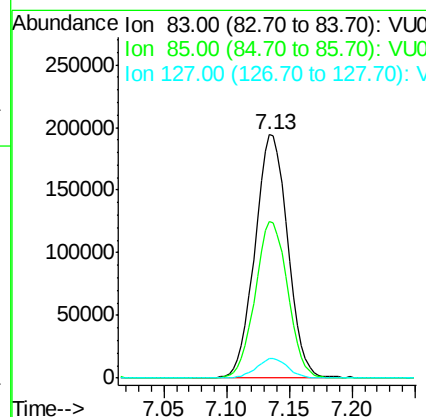
RT: 7.13 min Scan# 1802

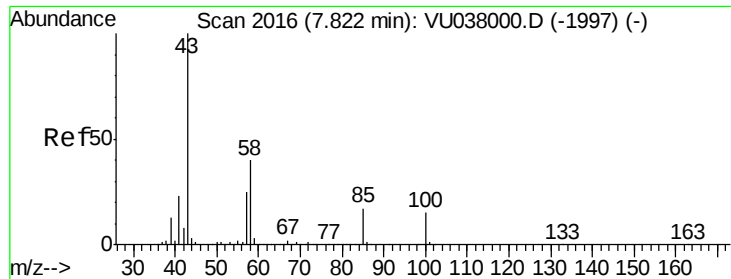
Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tgt Ion:	83	Resp:	352348
Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.4	77.0
127	7.8	6.2	9.2





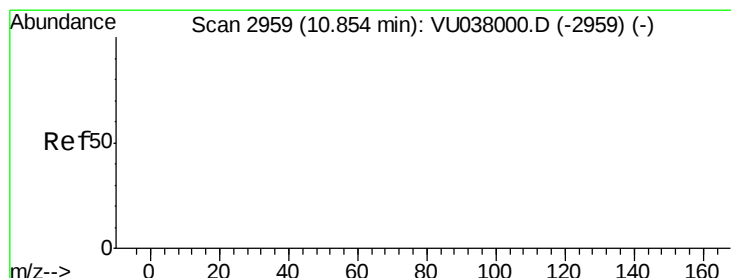
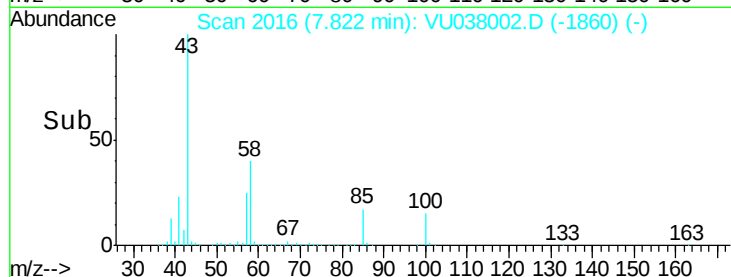
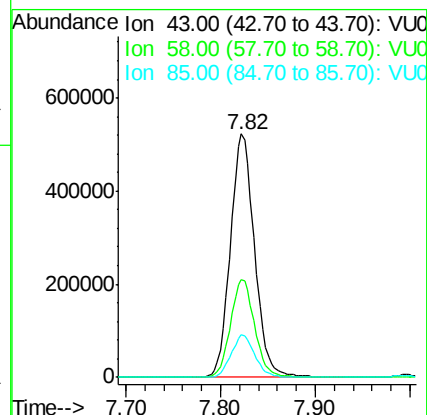
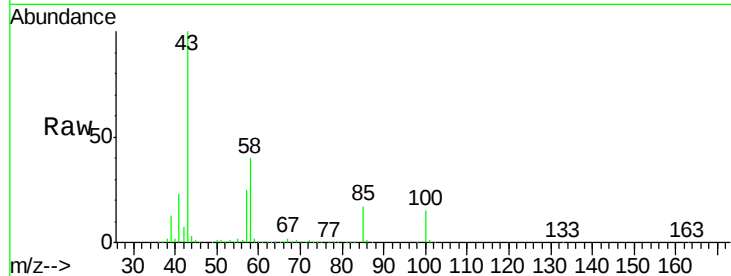
#45
4-Methyl-2-Pentanone
Concen: 49.749 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampleId :
ICVVU050420

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.2	20.1	60.3
85	17.2	13.7	20.5

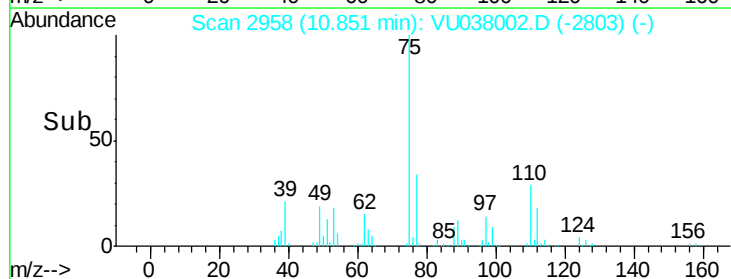
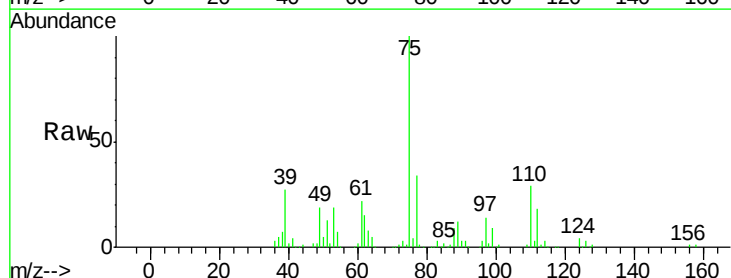
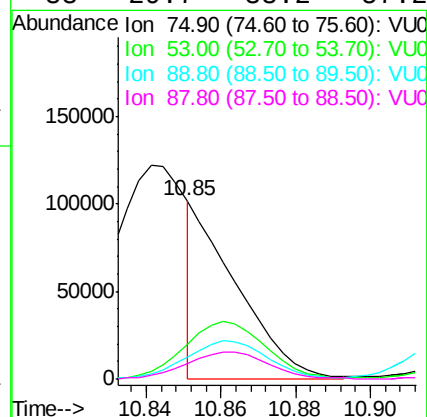
Manual Integrations
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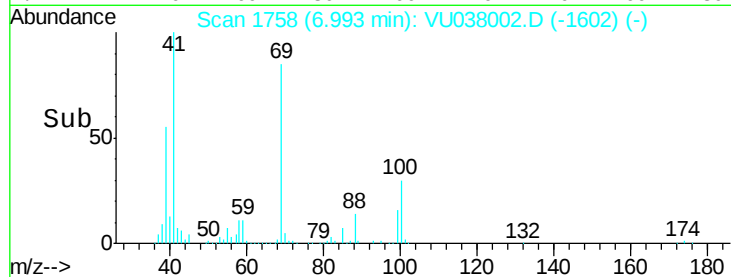
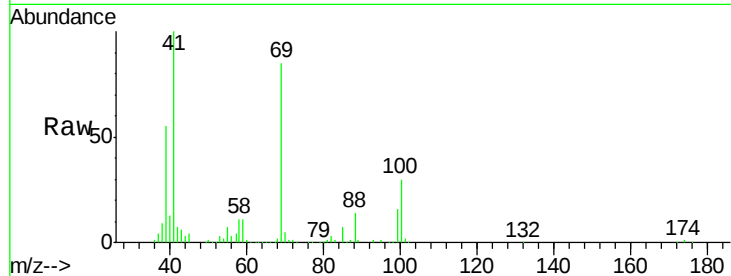
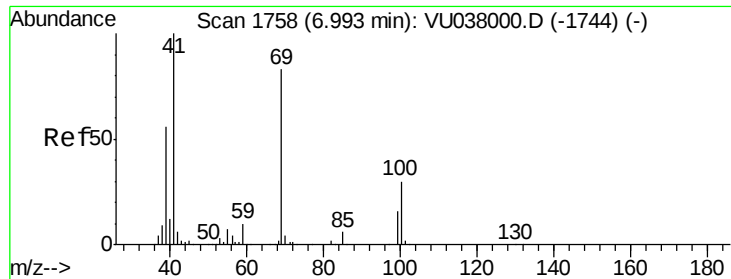
apatel
5/5/2020 11:15:55 AM



#46
t-1,4-Dichloro-2-butene
Concen: 14.221 ug/l m
RT: 10.85 min Scan# 2958
Delta R.T. -0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Lower	Upper
75	100		
53	61.3	81.1	121.7#
89	40.4	53.2	79.8#
88	29.7	38.2	57.2#





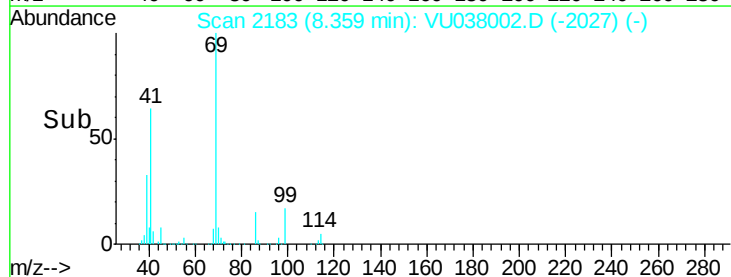
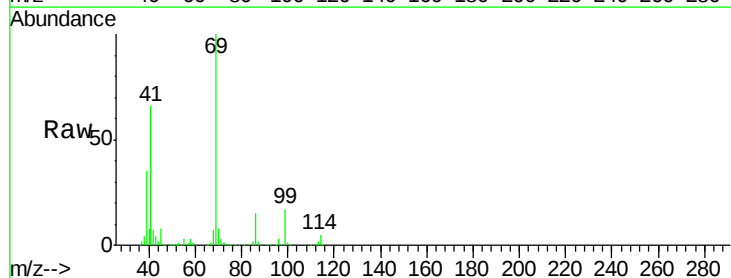
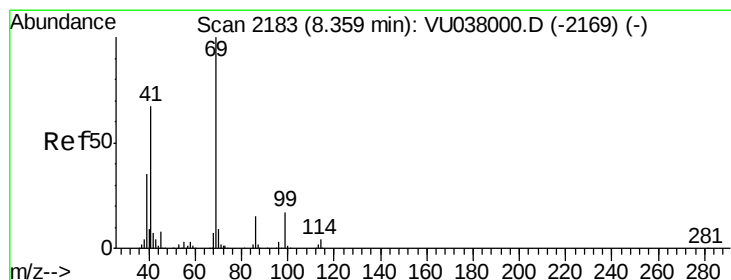
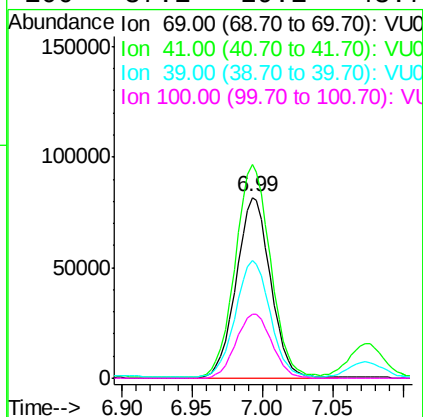
#47
Methyl methacrylate
Concen: 10.008 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	119.9	0.0	241.6		
39	65.2	52.9	79.3		
100	37.1	29.1	43.7		

Instrument :
MSVOA_U
ClientSampleId :
ICVVU050420

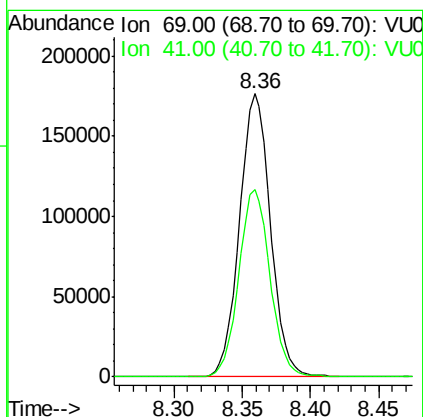
Manual Integrations
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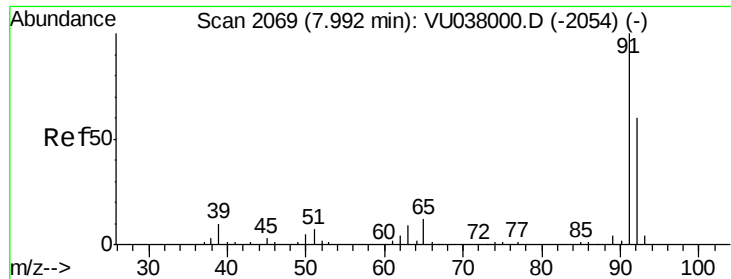
apatel
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#48
Ethyl methacrylate
Concen: 10.790 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	66.6	33.6	100.8		





#49

Toluene

Concen: 10.229 ug/l

RT: 8.00 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU050420

Tot Ion: 92 Resp: 706351

Ion Ratio Lower Upper

92 100

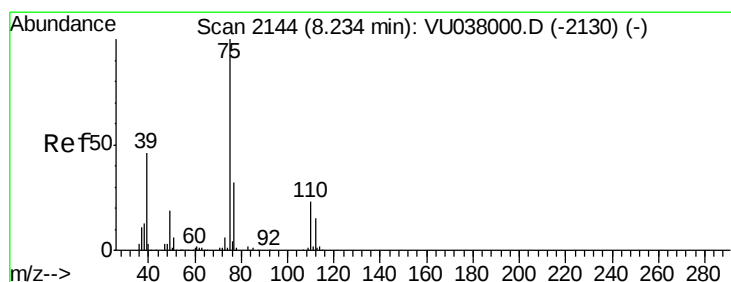
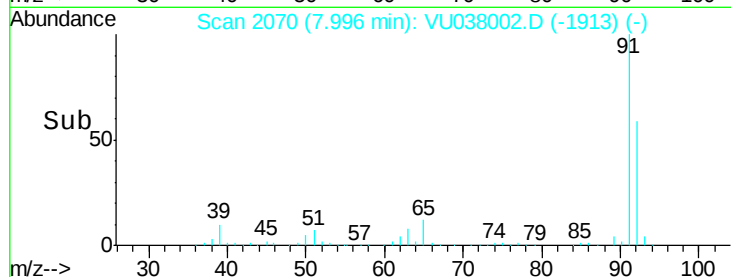
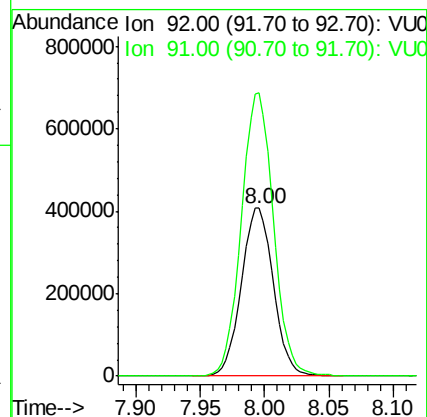
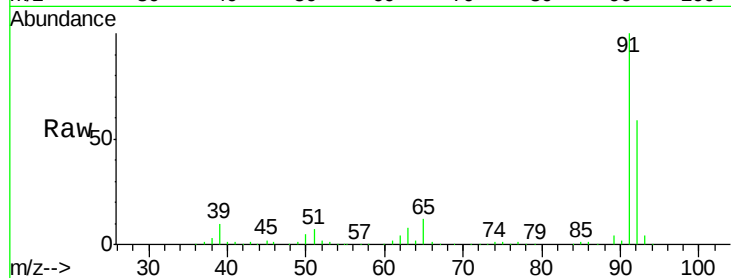
91 168.5 134.4 201.6

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 10.572 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038002.D

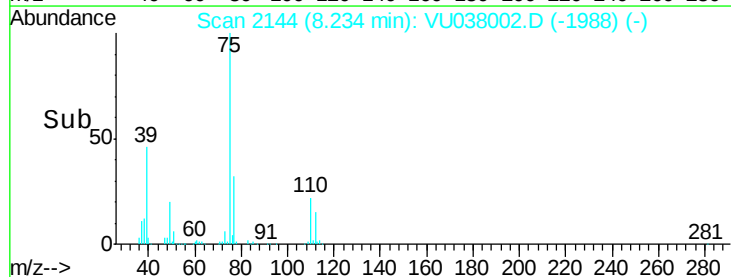
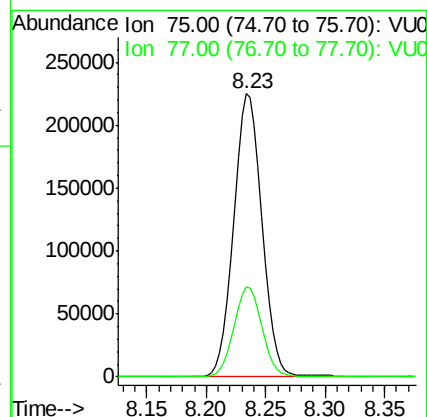
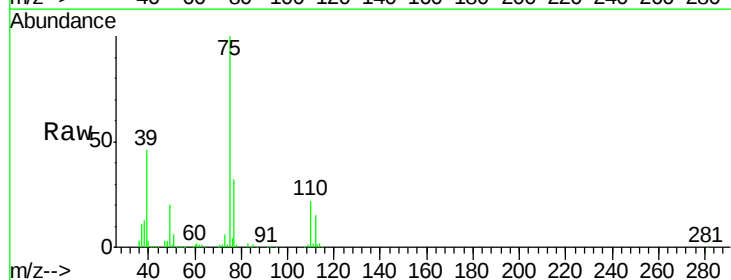
Acq: 04 May 2020 14:34

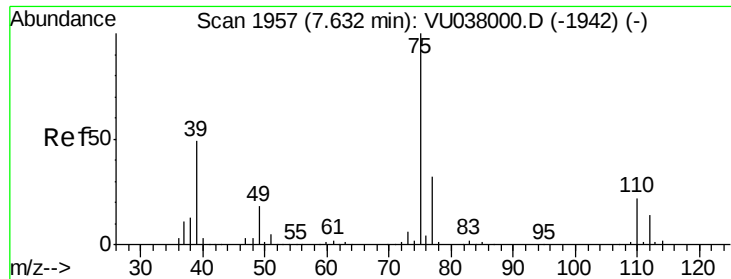
Tgt Ion: 75 Resp: 371403

Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8





#51

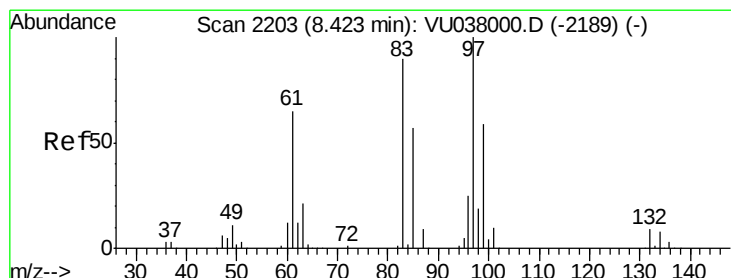
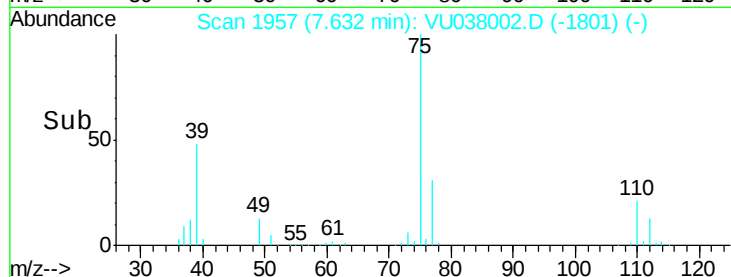
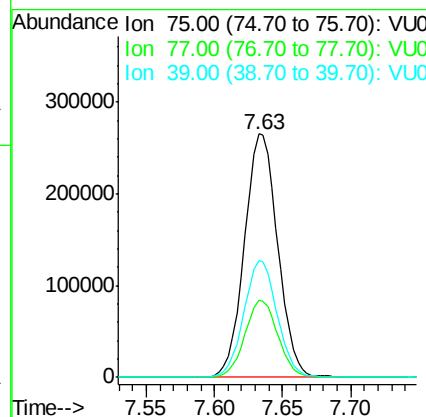
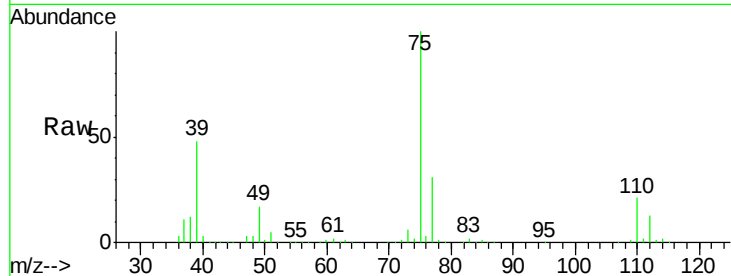
cis-1,3-Dichloropropene
Concen: 10.634 ug/l
RT: 7.63 min Scan# 1957
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampled :
ICVVU050420

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3
39	48.2	39.0	58.4

Manual Integrations
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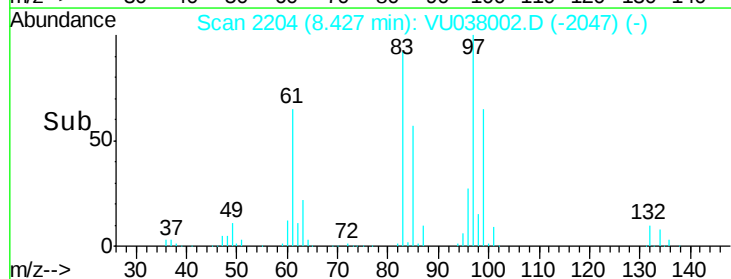
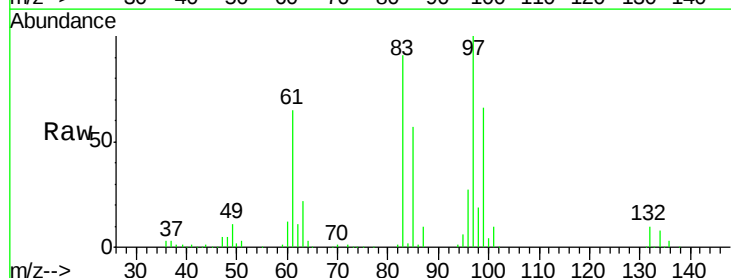
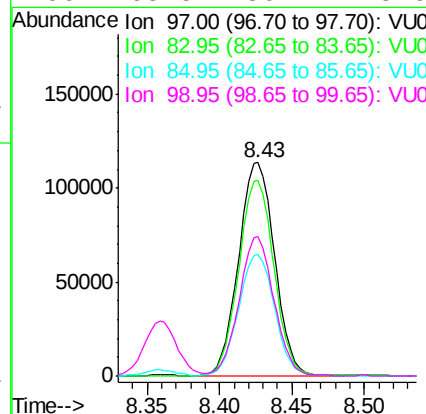
apatel
5/5/2020 11:15:55 AM

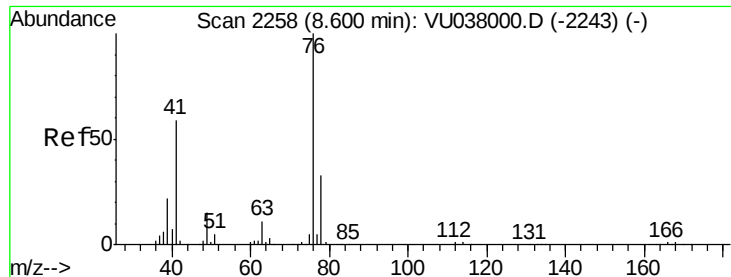


#52

1,1,2-Trichloroethane
Concen: 10.113 ug/l
RT: 8.43 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.6	72.4	108.6
85	56.6	46.0	69.0
99	65.5	50.4	75.6





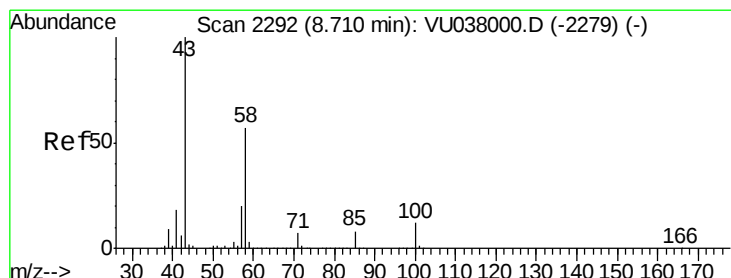
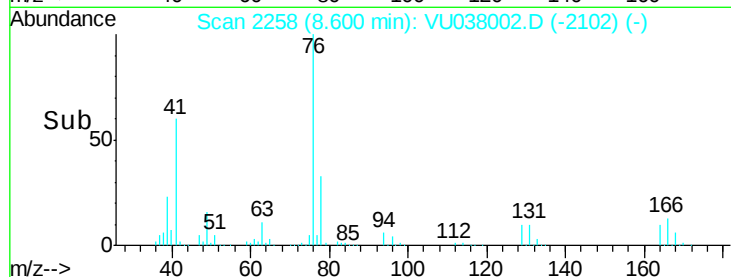
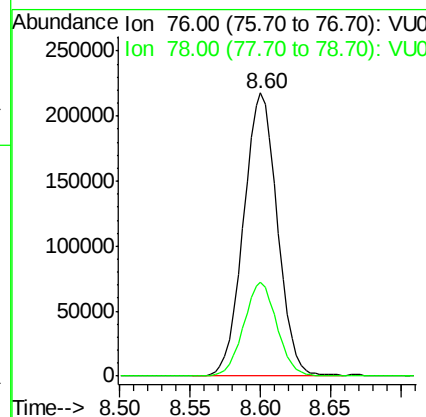
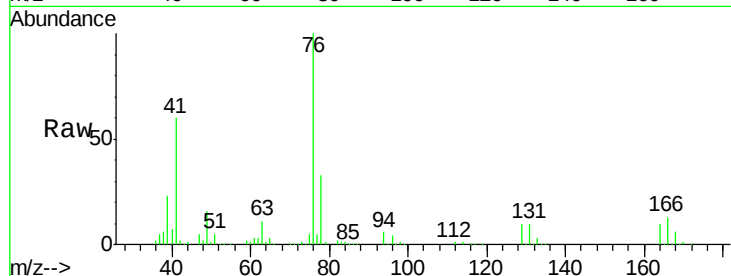
#53
 1,3-Dichloropropane
 Concen: 10.043 ug/l
 RT: 8.60 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6

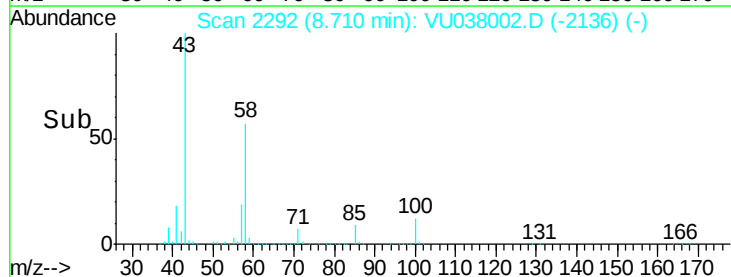
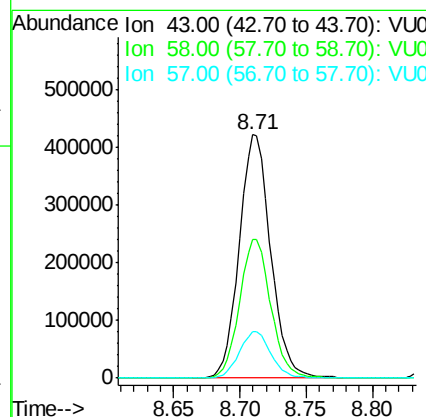
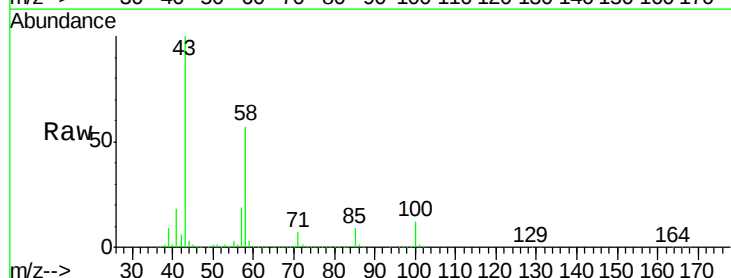
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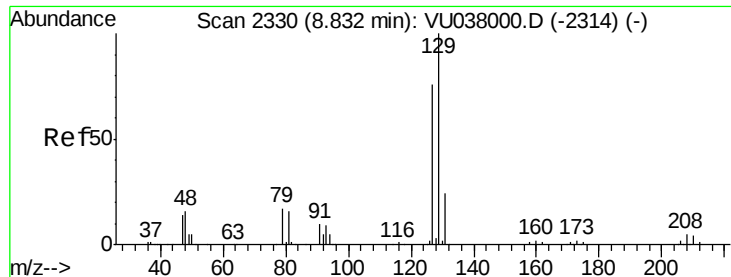
apatel
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#54
 2-Hexanone
 Concen: 52.719 ug/l
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.8	36.5	76.5
57	19.3	0.0	39.5





#55

Dibromochloromethane

Concen: 10.576 ug/l

RT: 8.83 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU050420

Tot Ion:129 Resp: 227198

Ion Ratio Lower Upper

129 100

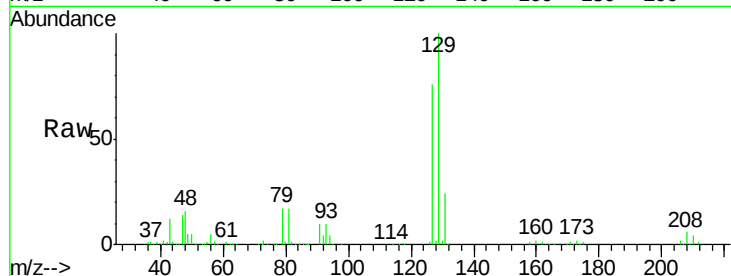
127 75.7 62.2 93.2

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

8.83

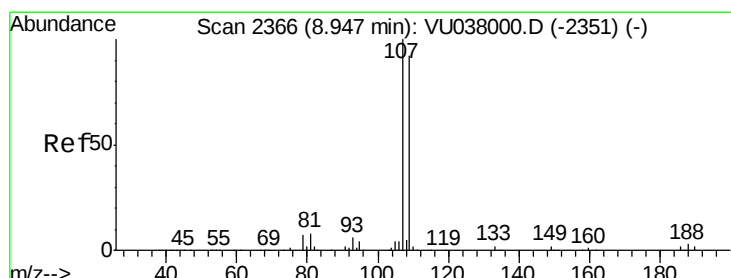
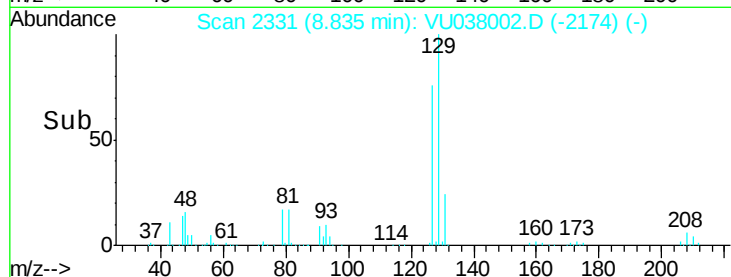
150000

100000

50000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#56

1,2-Dibromoethane

Concen: 9.940 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU038002.D

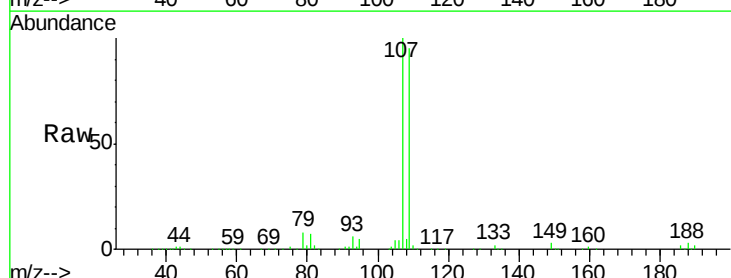
Acq: 04 May 2020 14:34

Tgt Ion:107 Resp: 181785

Ion Ratio Lower Upper

107 100

109 95.1 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.95

120000

100000

80000

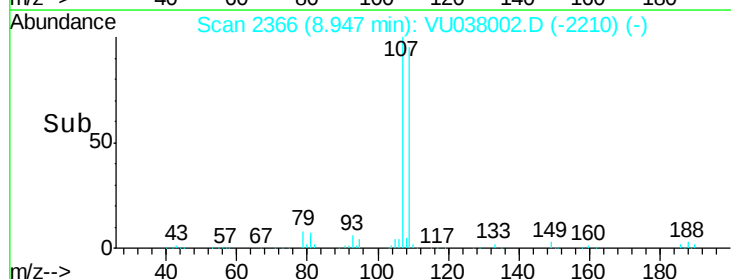
60000

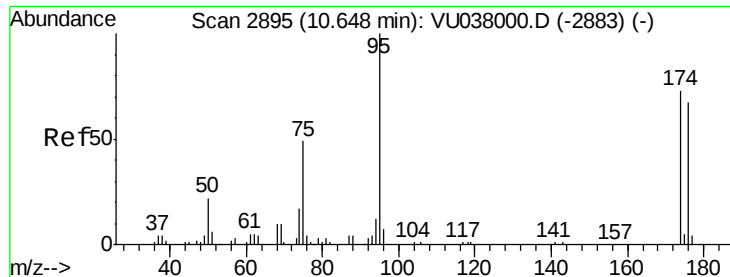
40000

20000

0

Time--> 8.90 8.95 9.00





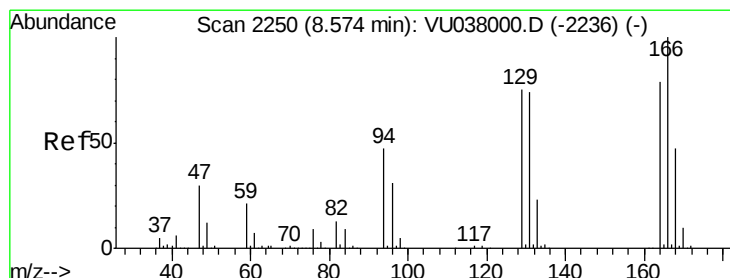
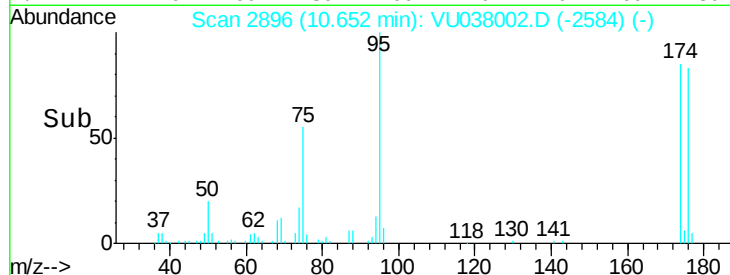
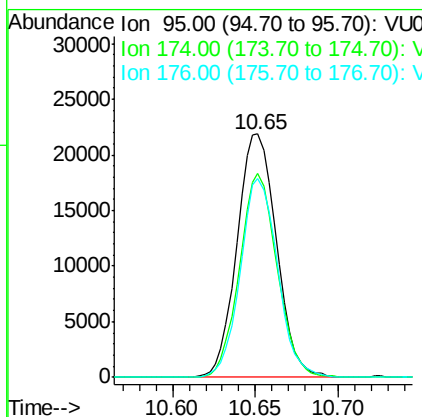
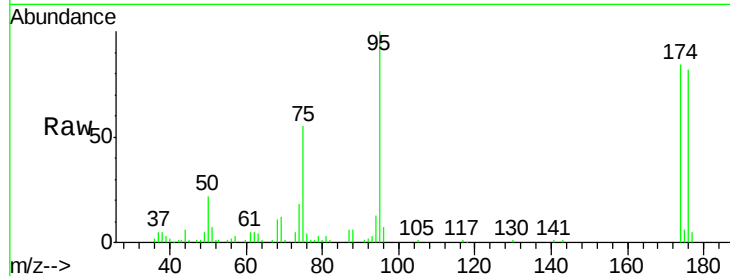
#57
4-Bromofluorobenzene
Concen: 1.011 ug/l
RT: 10.65 min Scan# 2896
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Instrument :
MSVOA_U
ClientSampled :
ICVVU050420

Tot Ion:	95	Resp:	36309
Ion Ratio	Lower	Upper	
95	100		
174	79.8	61.2	91.8
176	77.3	57.1	85.7

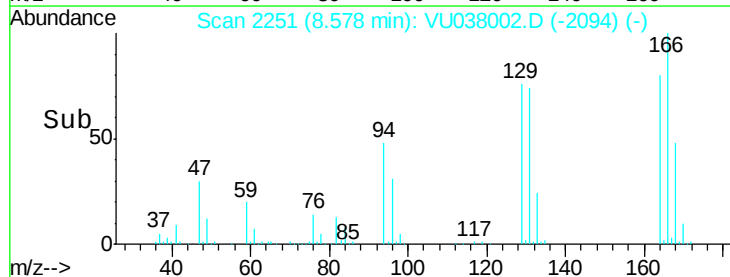
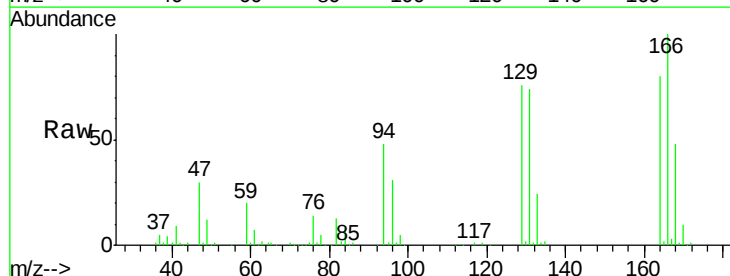
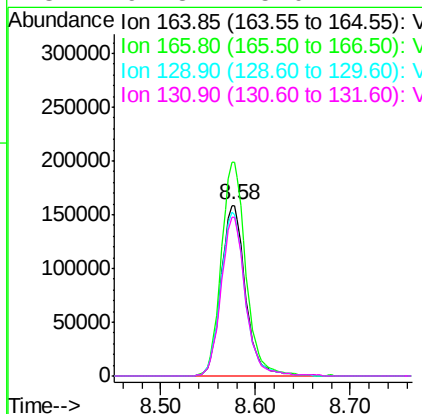
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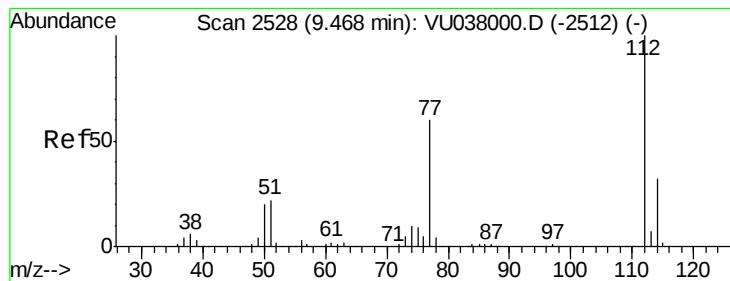
apatel
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#58
Tetrachloroethene
Concen: 10.600 ug/l
RT: 8.58 min Scan# 2251
Delta R.T. 0.00 min
Lab File: VU038002.D
Acq: 04 May 2020 14:34

Tgt Ion:	164	Resp:	283712
Ion Ratio	Lower	Upper	
164	100		
166	125.2	101.5	152.3
129	94.8	76.6	114.8
131	92.8	75.0	112.4





#59

Chlorobenzene

Concen: 9.952 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU050420

Tot Ion:112 Resp: 729662

Ion Ratio Lower Upper

112 100

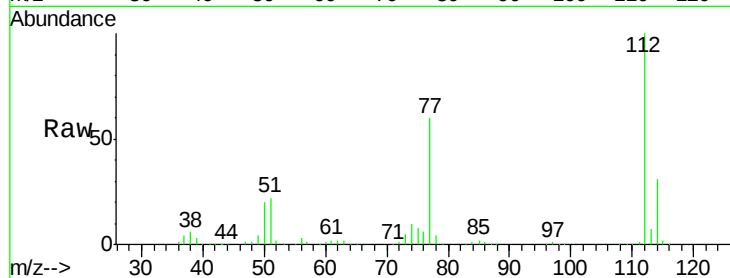
114 31.3 25.7 38.5

Manual Integrations

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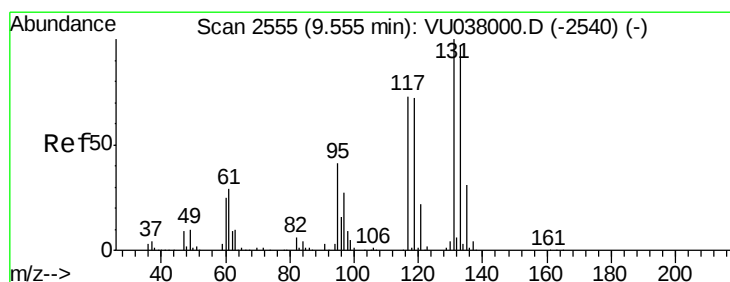
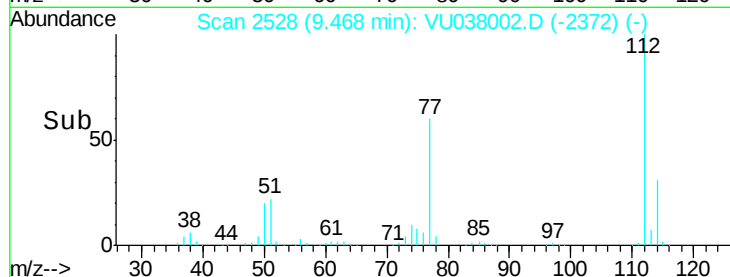
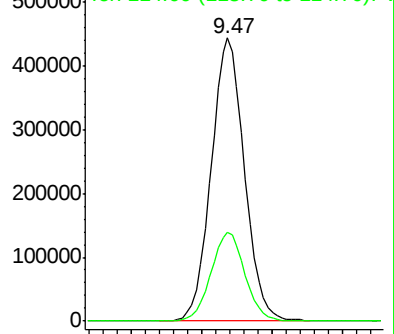
apatel

5/5/2020 11:15:55 AM



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 10.409 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

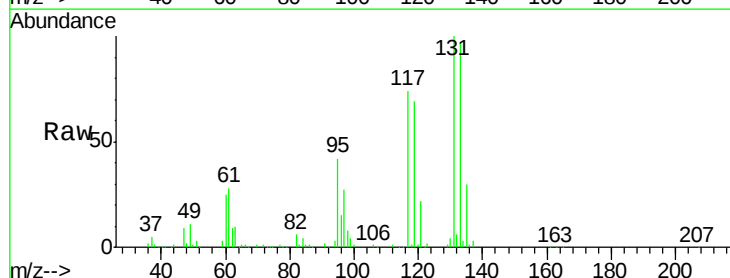
Tgt Ion:131 Resp: 231699

Ion Ratio Lower Upper

131 100

133 96.2 76.8 115.2

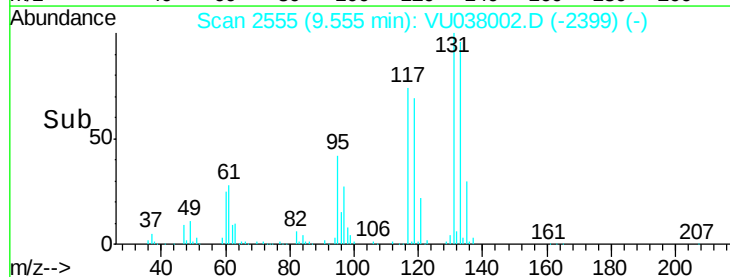
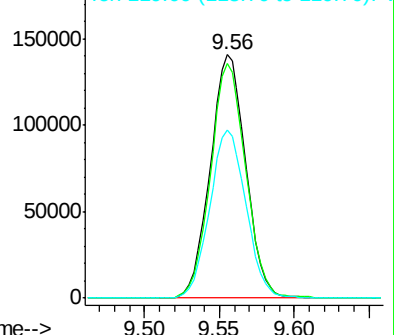
119 70.5 56.7 85.1

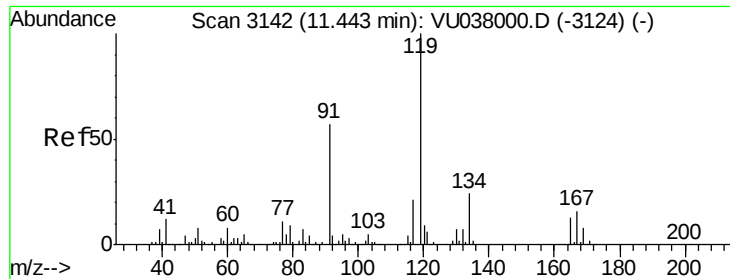


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





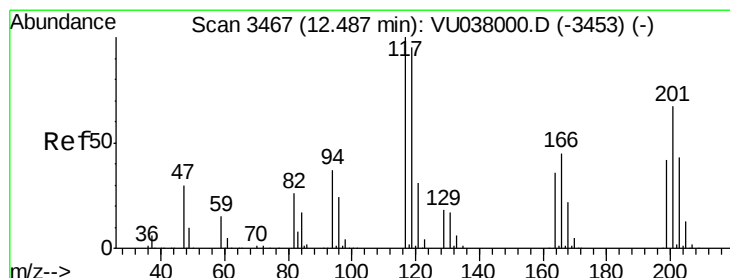
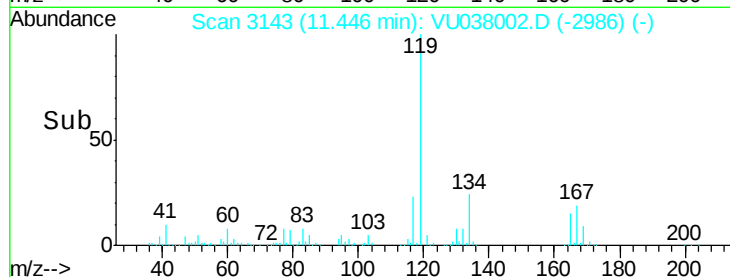
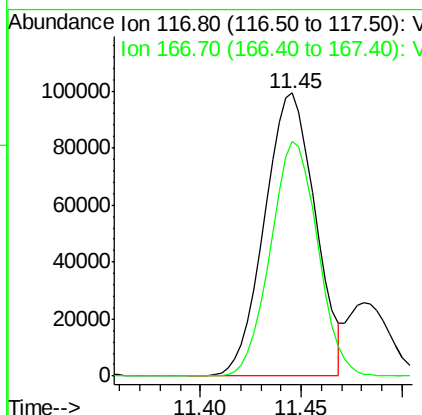
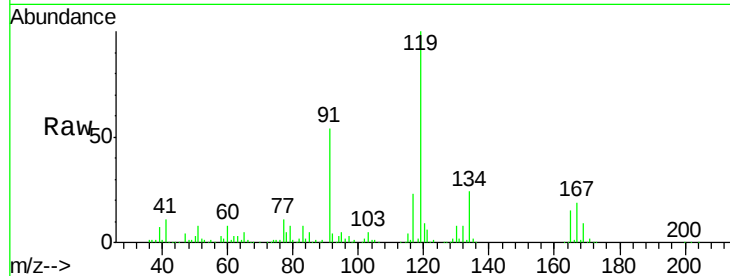
#61
 Pentachloroethane
 Concen: 10.398 ug/l
 RT: 11.45 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Tot Ion:117 Resp: 173368
 Ion Ratio Lower Upper
 117 100
 167 76.9 60.3 90.5

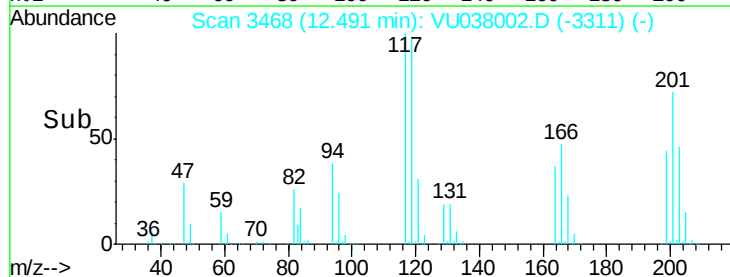
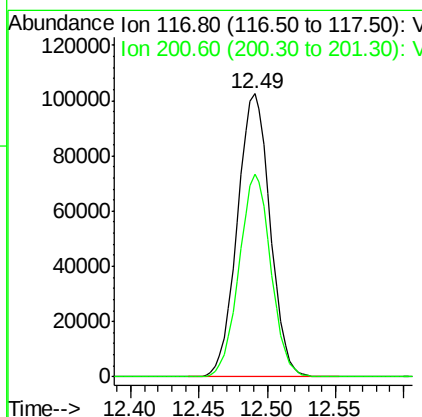
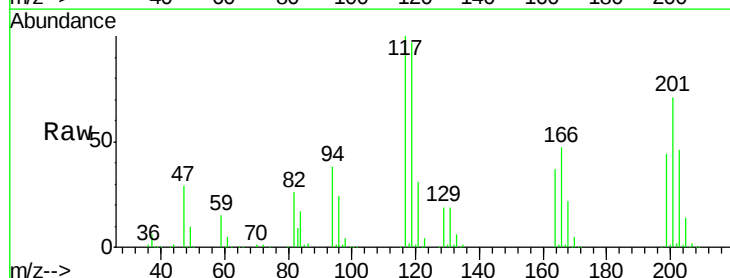
Manual Integrations
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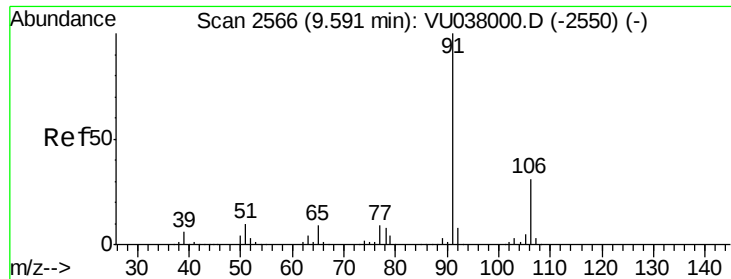
apatel
 5/5/2020 11:15:55 AM



#62
 Hexachloroethane
 Concen: 9.849 ug/l
 RT: 12.49 min Scan# 3468
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion:117 Resp: 170907
 Ion Ratio Lower Upper
 117 100
 201 69.4 54.7 82.1





#63

Ethyl Benzene

Concen: 10.587 ug/l

RT: 9.59 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU050420

Tot Ion: 91 Resp: 1380990

Ion Ratio Lower Upper

91 100

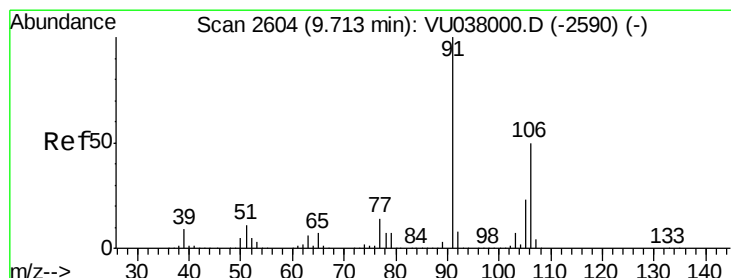
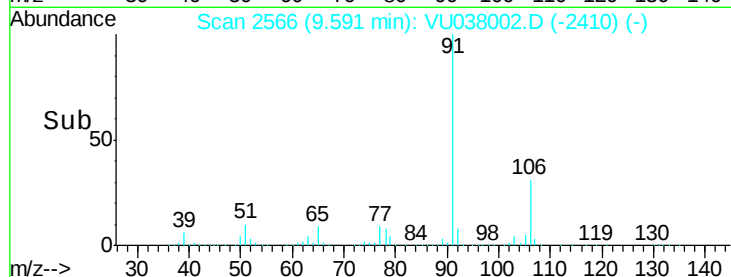
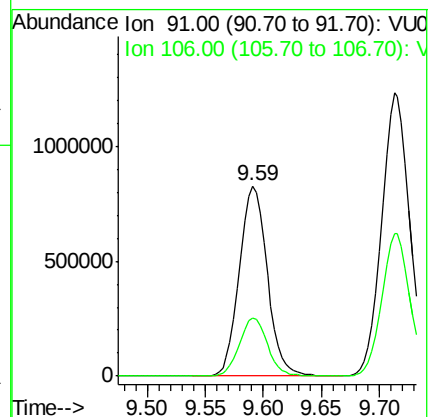
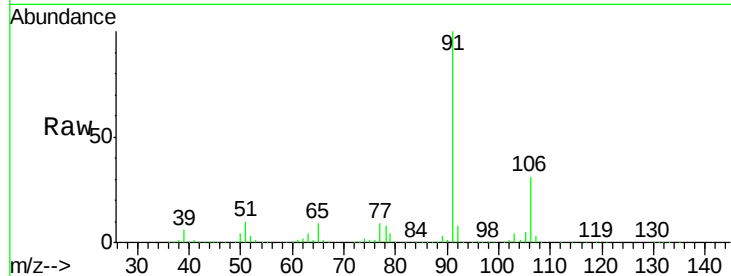
106 30.8 24.9 37.3

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#64

m/p-Xylenes

Concen: 21.241 ug/l

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU038002.D

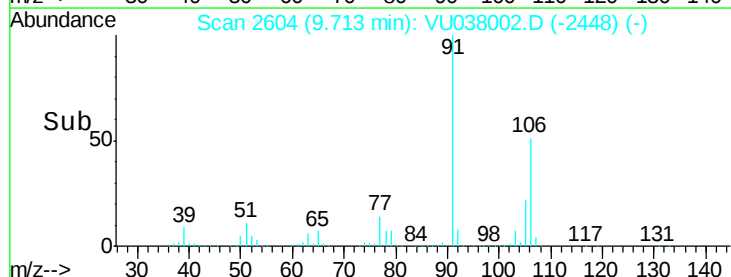
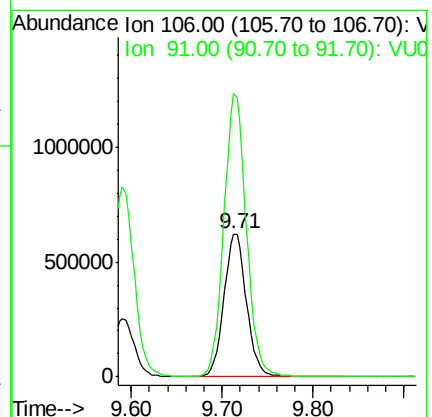
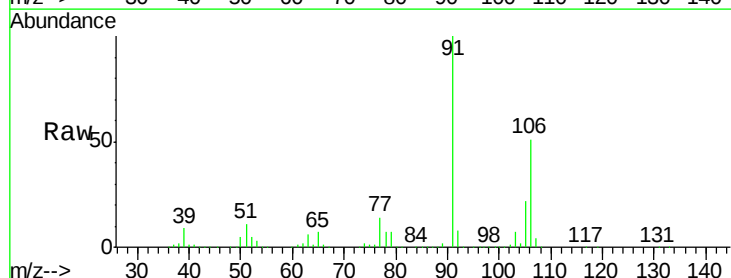
Acq: 04 May 2020 14:34

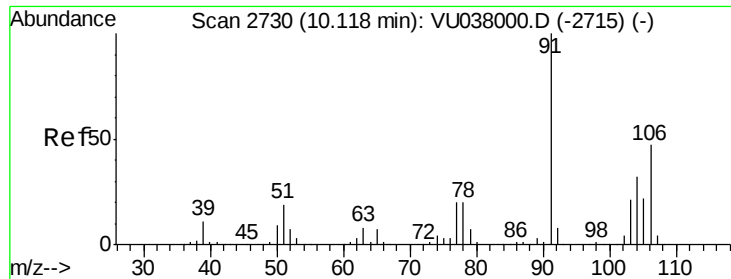
Tgt Ion: 106 Resp: 1066429

Ion Ratio Lower Upper

106 100

91 198.3 159.5 239.3





#65

o-Xylene

Concen: 10.330 ug/l

RT: 10.12 min Scan# 2731

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampled :

ICVVU050420

Tot Ion:106 Resp: 505524

Ion Ratio Lower Upper

106 100

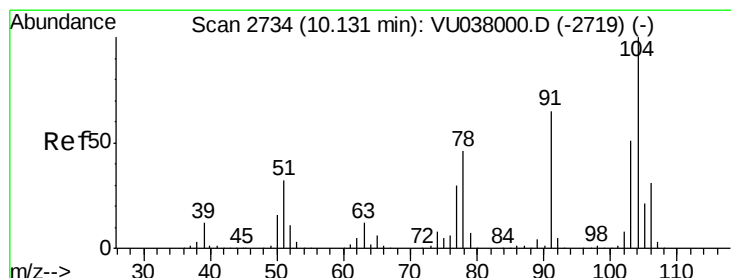
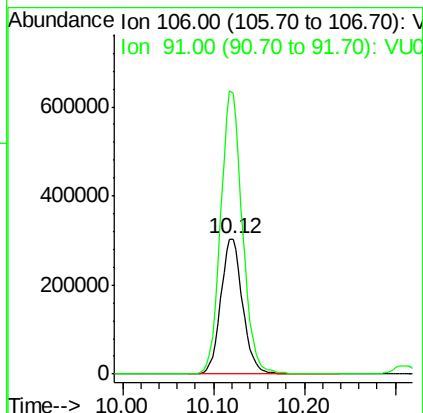
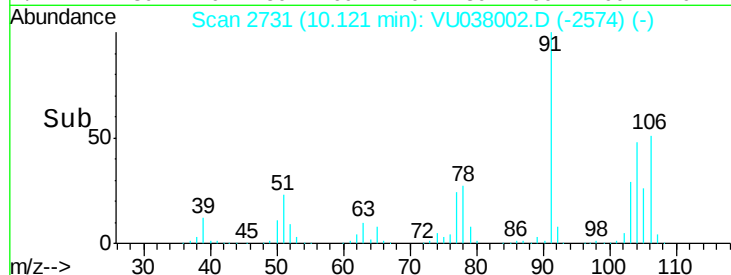
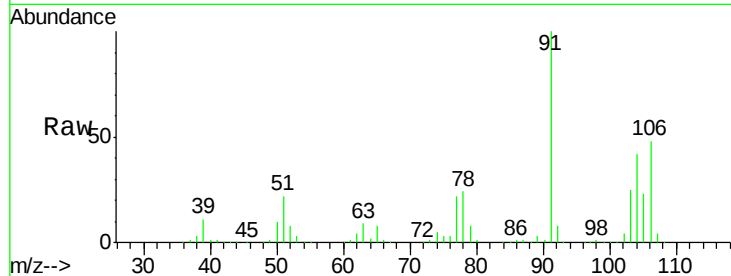
91 208.6 105.7 317.0

Manual Integrations

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#66

Styrene

Concen: 10.787 ug/l

RT: 10.13 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

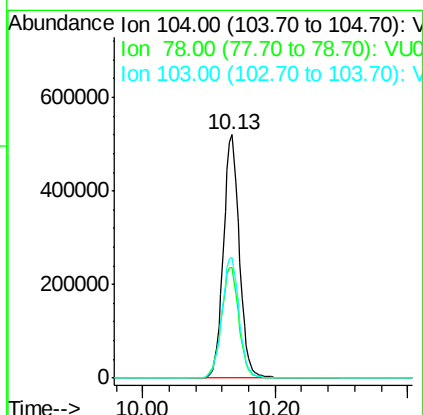
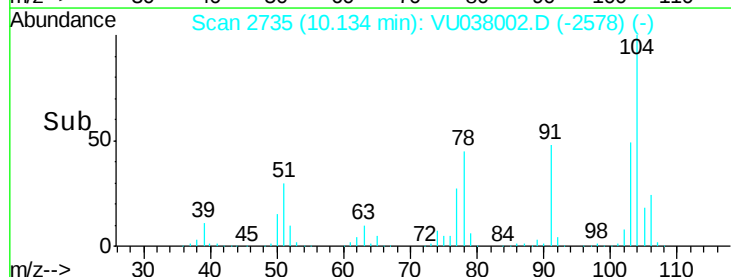
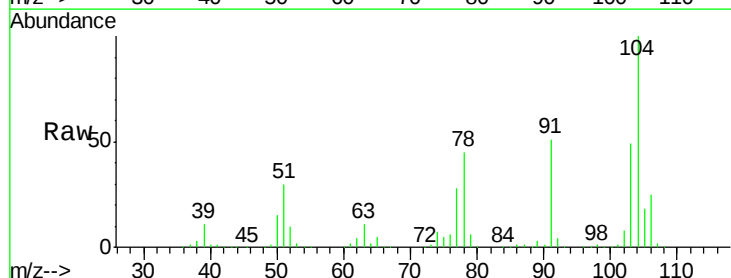
Tgt Ion:104 Resp: 869778

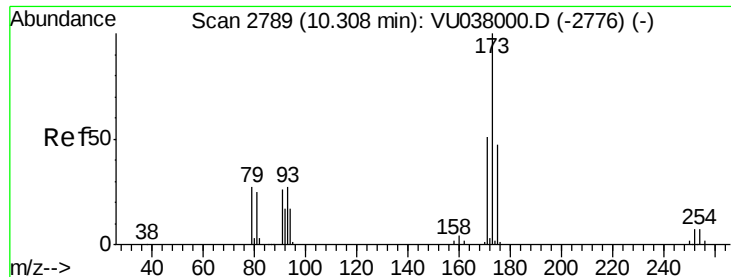
Ion Ratio Lower Upper

104 100

78 49.6 39.9 59.9

103 53.5 43.4 65.2





#67

Bromoform

Concen: 10.723 ug/l

RT: 10.31 min Scan# 2790

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

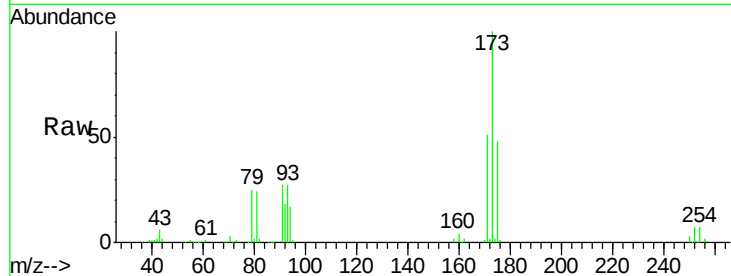
ClientSampleId :

ICVVU050420

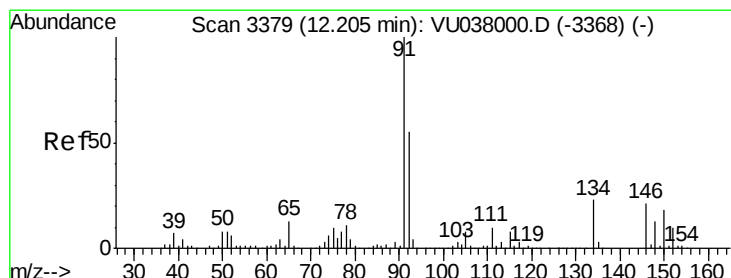
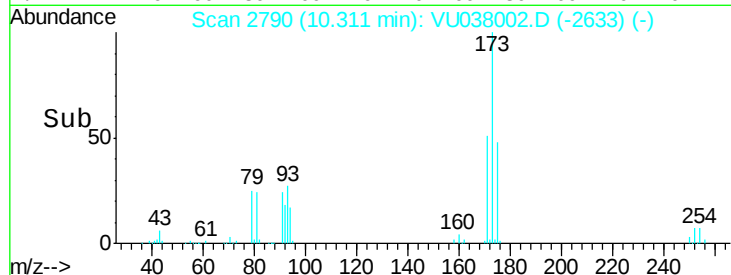
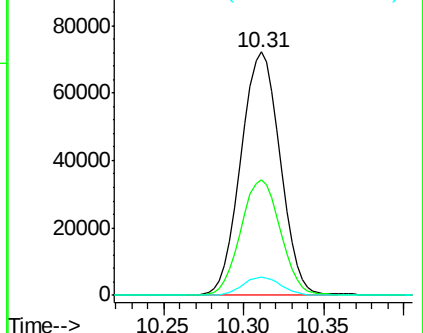
Tot Ion:	173	Resp:	121158
Ion Ratio	Lower	Upper	
173	100		
175	48.1	37.6	56.4
254	7.3	5.5	8.3

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



#68

1,2-Dichlorobenzene-d4

Concen: 1.030 ug/l

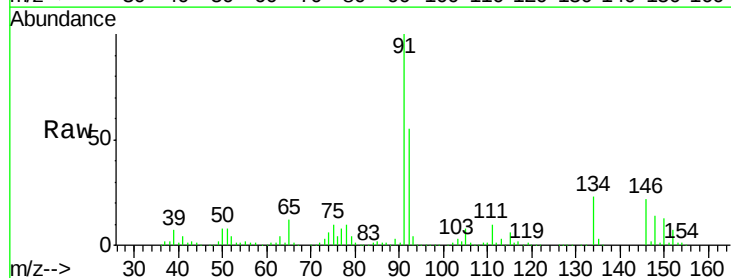
RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

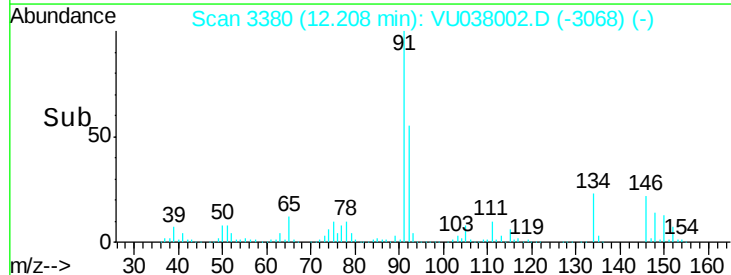
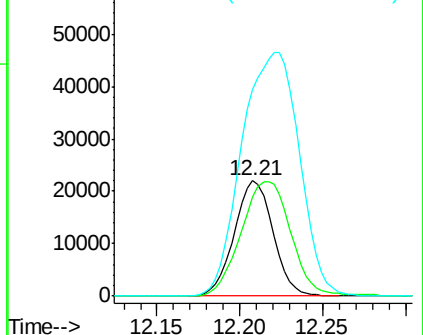
Lab File: VU038002.D

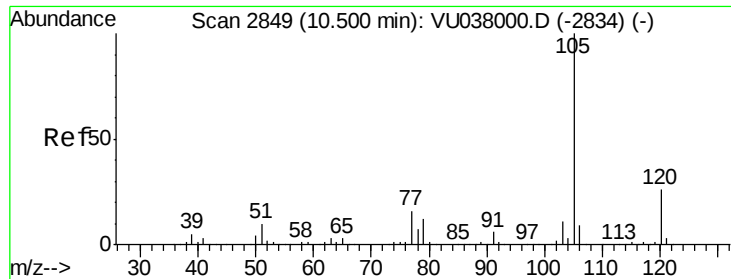
Acq: 04 May 2020 14:34

Tgt Ion:	152	Resp:	35815
Ion Ratio	Lower	Upper	
152	100		
115	127.0	0.0	261.0
150	313.3	0.0	650.2



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





#69

Isopropylbenzene

Concen: 10.553 ug/l

RT: 10.50 min Scan# 2850

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU050420

Tot Ion:105 Resp: 1348517

Ion Ratio Lower Upper

105 100

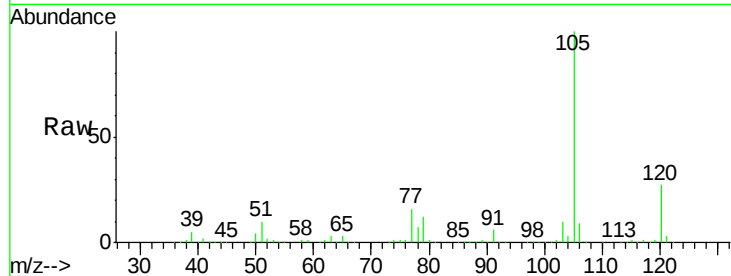
120 26.3 13.1 39.3

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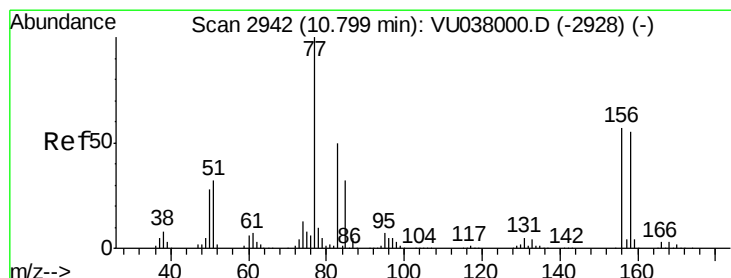
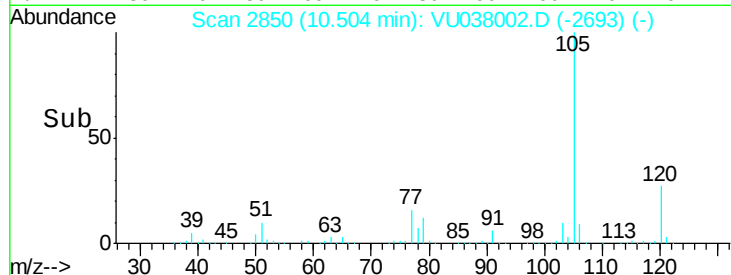
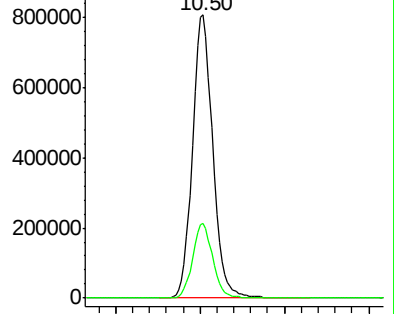
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 10.126 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

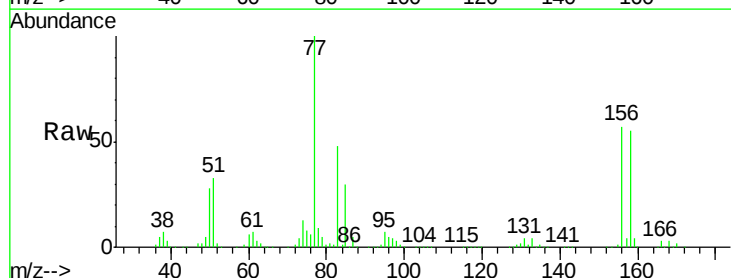
Tgt Ion: 83 Resp: 251579

Ion Ratio Lower Upper

83 100

131 8.7 7.2 10.8

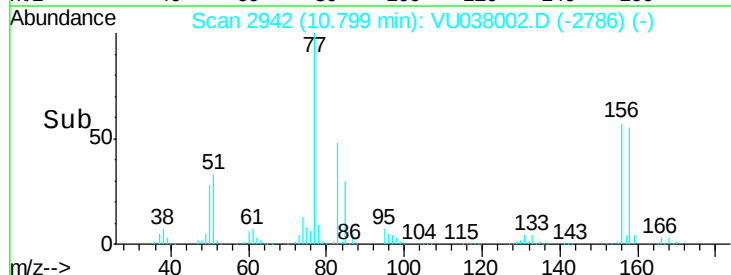
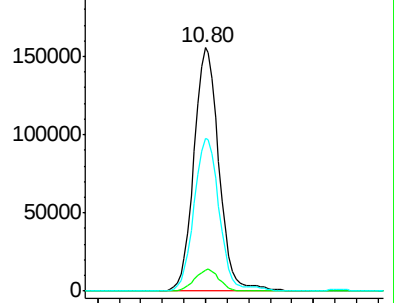
85 63.7 50.0 75.0

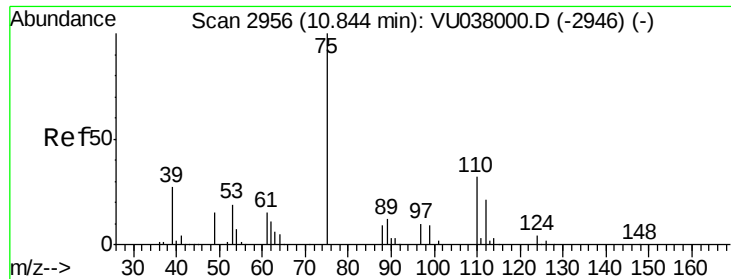


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





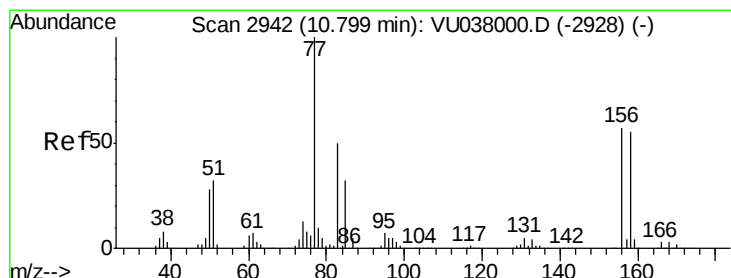
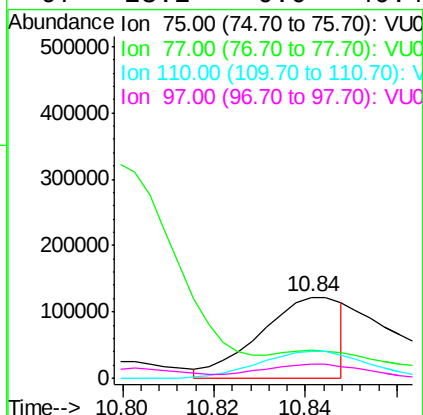
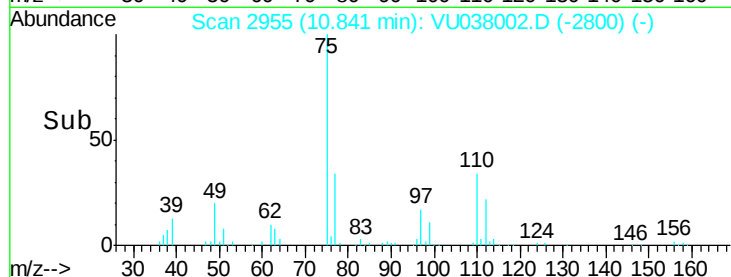
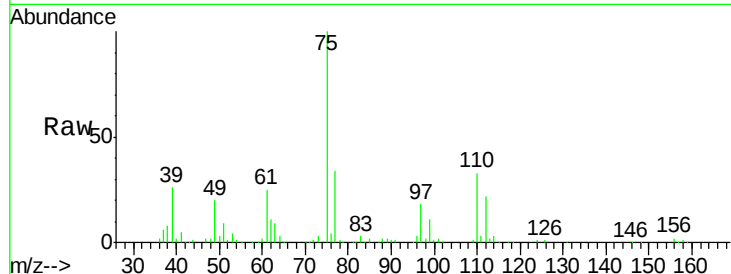
#71
 1,2,3-Trichloropropane
 Concen: 8.227 ug/l m
 RT: 10.84 min Scan# 2956
 Delta R.T. -0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Tot Ion:	75	Resp:	151147
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	108.6
110	44.6	0.0	79.4
97	23.2	0.0	40.4

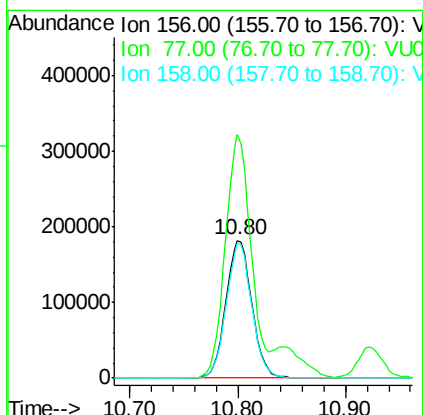
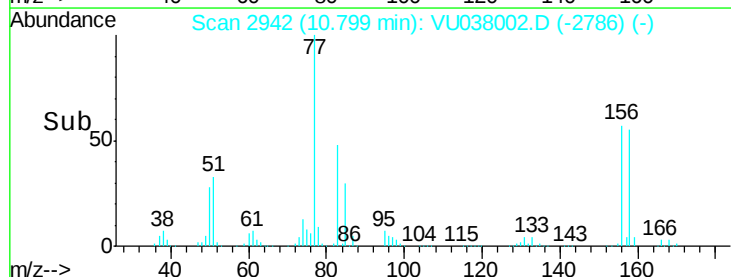
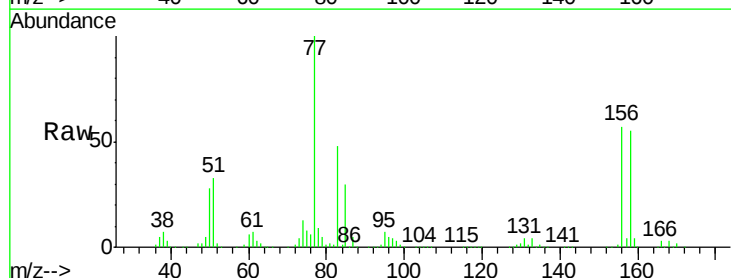
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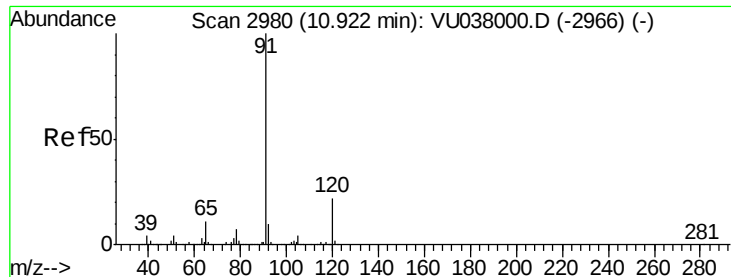
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#72
 Bromobenzene
 Concen: 10.672 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion:	156	Resp:	304617
Ion Ratio	Lower	Upper	
156	100		
77	174.4	0.0	355.6
158	96.1	0.0	194.0





#73

n-propylbenzene

Concen: 10.541 ug/l

RT: 10.92 min Scan# 2981

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampled :

ICVVU050420

Tot Ion:120 Resp: 369626

Ion Ratio Lower Upper

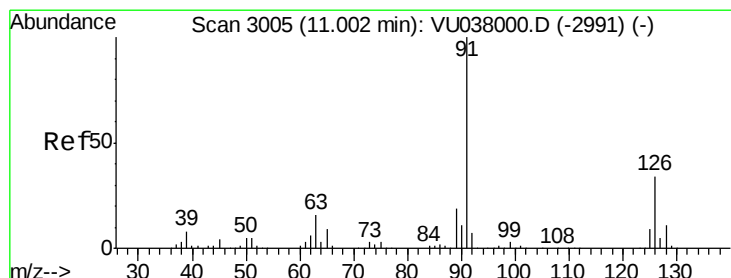
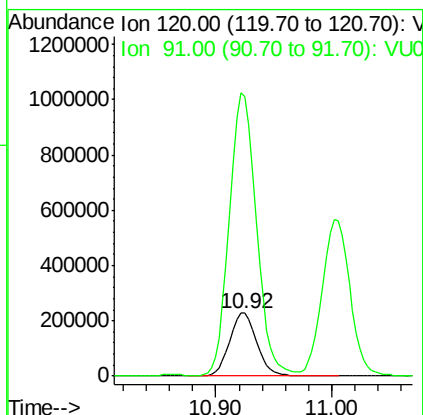
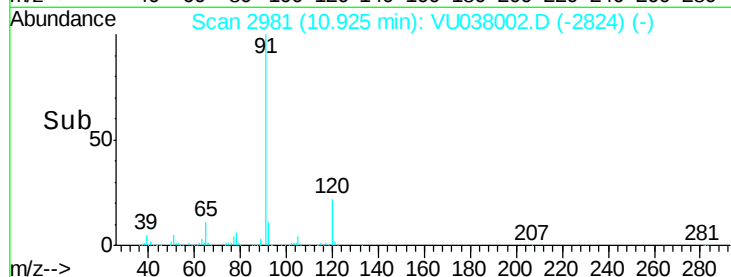
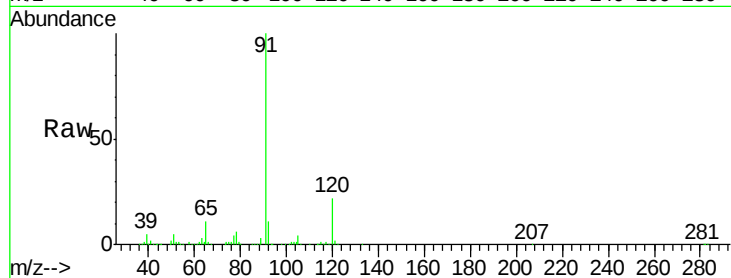
120 100

91 446.1 355.4 533.0

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#74

2-Chlorotoluene

Concen: 10.369 ug/l

RT: 11.01 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VU038002.D

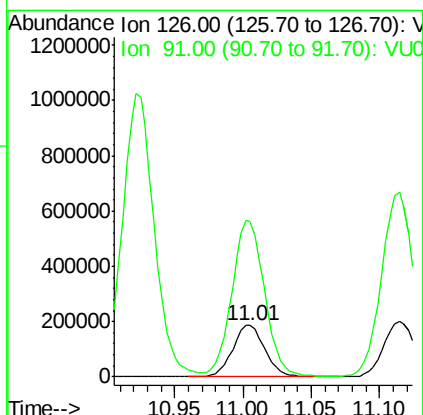
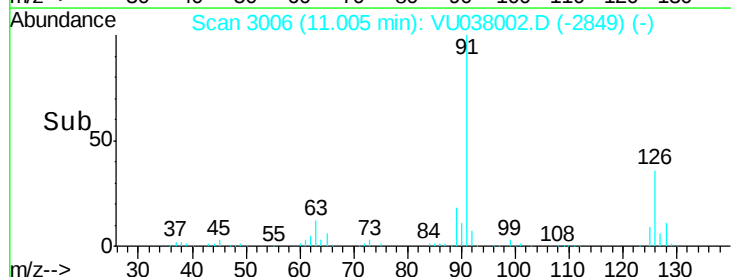
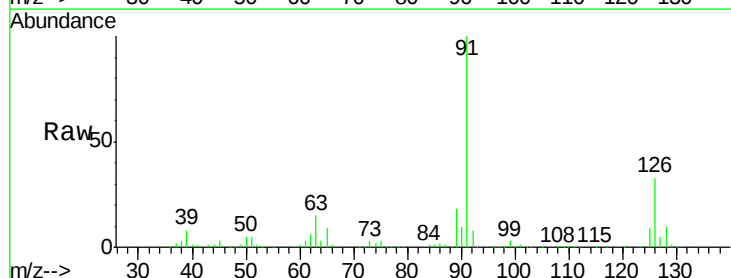
Acq: 04 May 2020 14:34

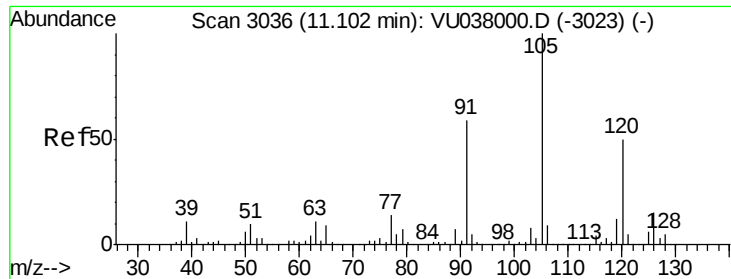
Tgt Ion:126 Resp: 305195

Ion Ratio Lower Upper

126 100

91 308.8 0.0 625.8





#75

1,3,5-Trimethylbenzene

Concen: 10.831 ug/l

RT: 11.10 min Scan# 3037

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU050420

Tot Ion:105 Resp: 1145520

Ion Ratio Lower Upper

105 100

120 50.1

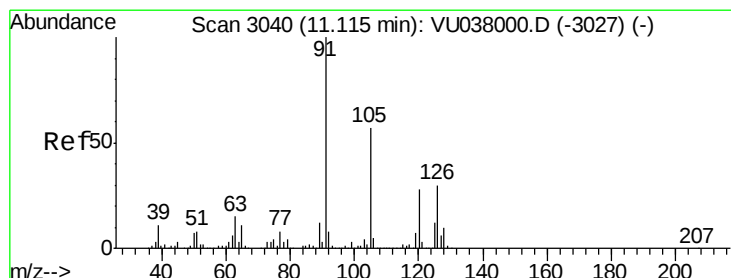
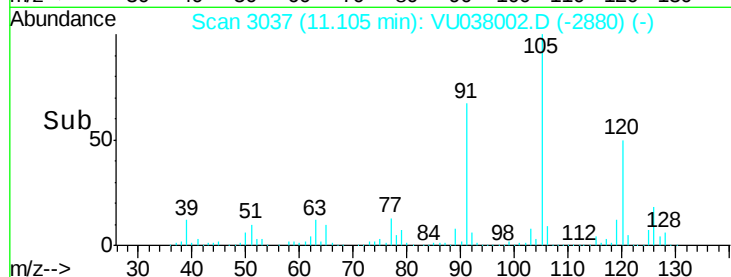
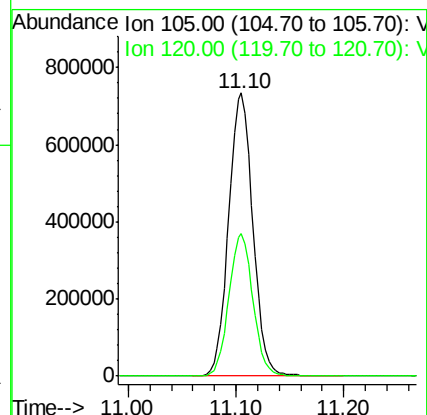
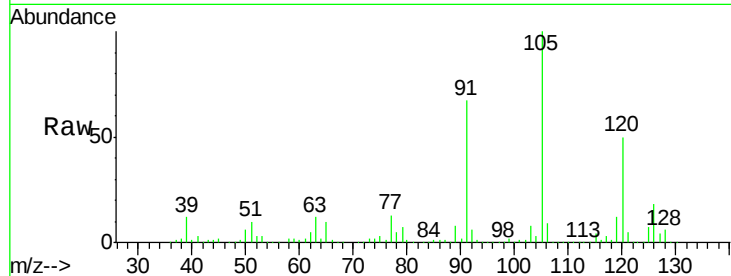
39.8

59.6

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#76

4-Chlorotoluene

Concen: 10.682 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tgt Ion:126 Resp: 326525

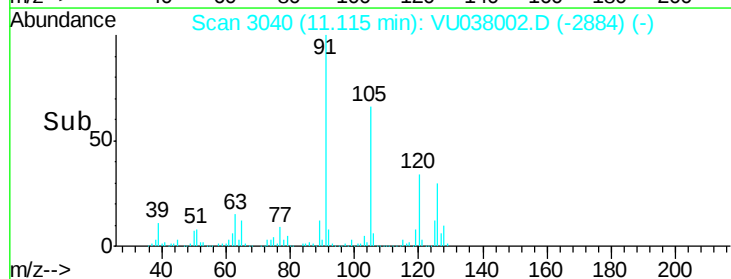
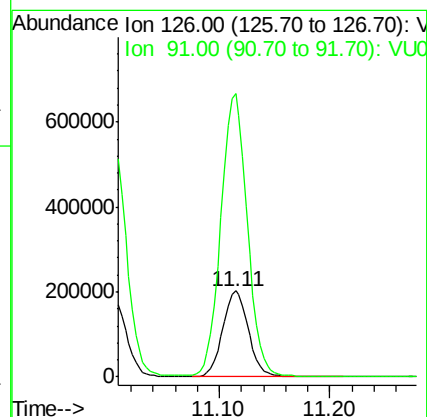
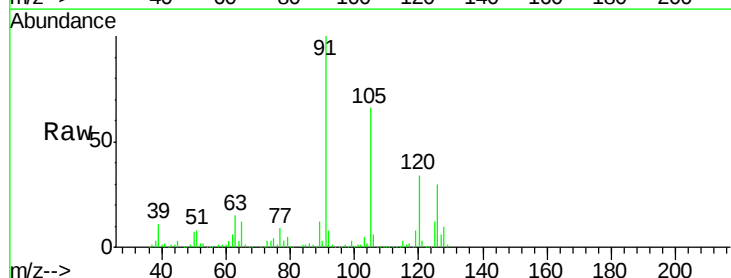
Ion Ratio Lower Upper

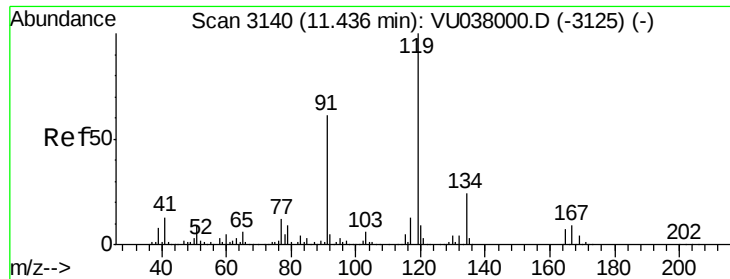
126 100

91 339.9

0.0

698.6





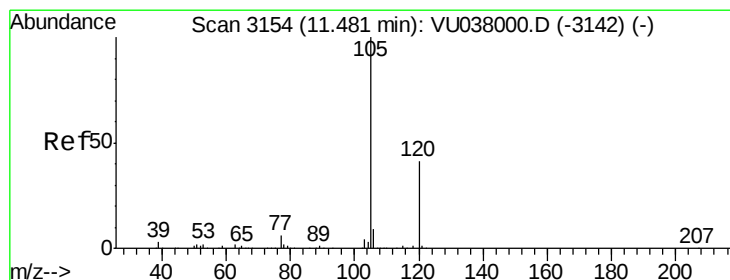
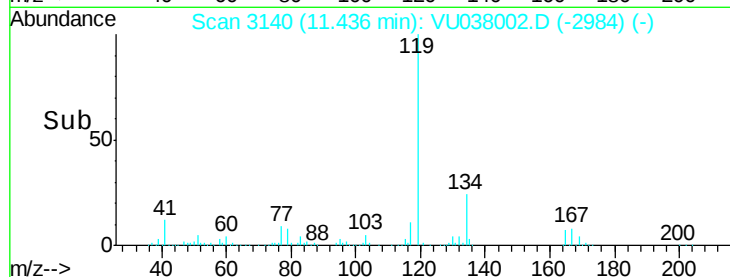
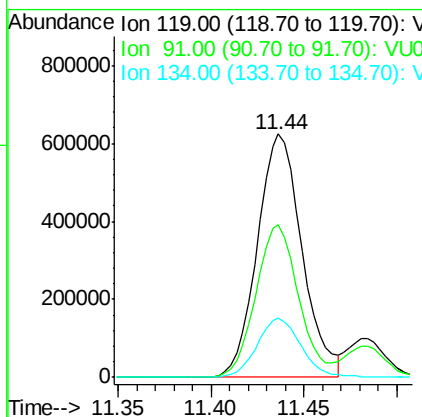
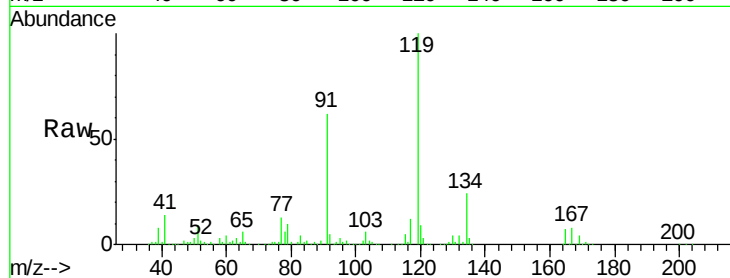
#77
 tert-Butylbenzene
 Concen: 10.397 ug/l
 RT: 11.44 min Scan# 3140
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.0	30.1	90.5
134	23.9	19.0	28.6

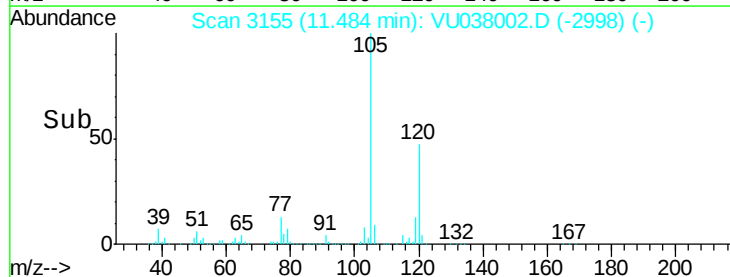
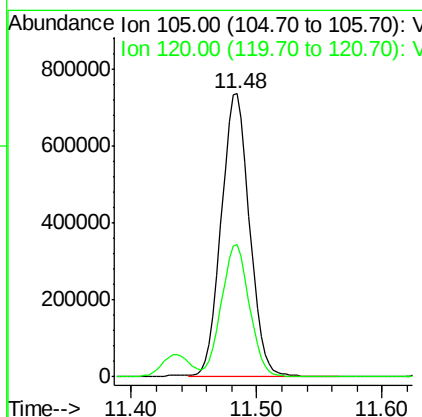
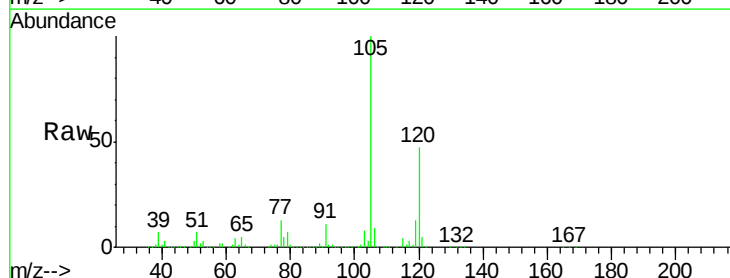
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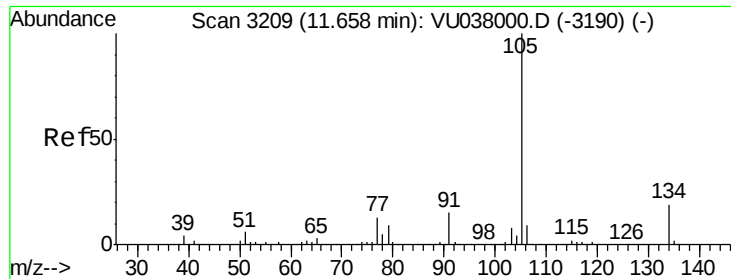
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#78
 1,2,4-Trimethylbenzene
 Concen: 10.646 ug/l
 RT: 11.48 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.0





#79

sec-Butylbenzene

Concen: 9.743 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

ClientSampleId :

ICVVU050420

Tot Ion:105 Resp: 1405007

Ion Ratio Lower Upper

105 100

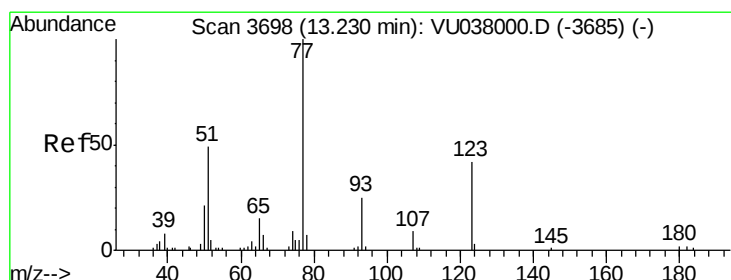
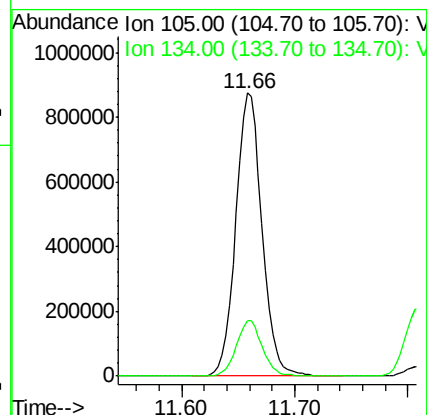
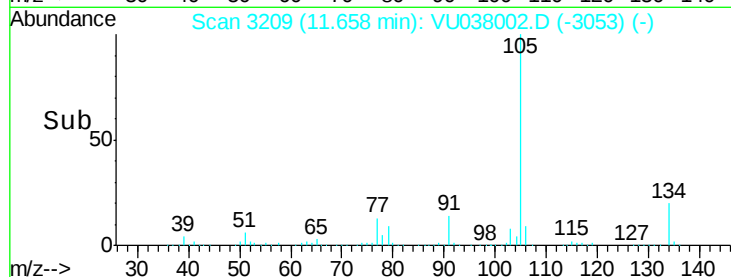
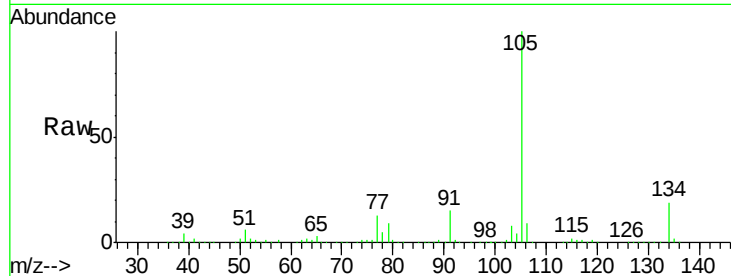
134 19.5 15.4 23.0

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#80

Nitrobenzene

Concen: 8.450 ug/l

RT: 13.23 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

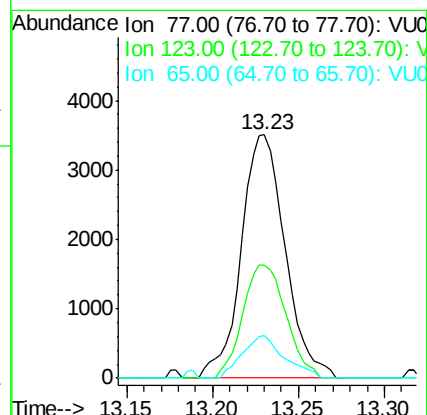
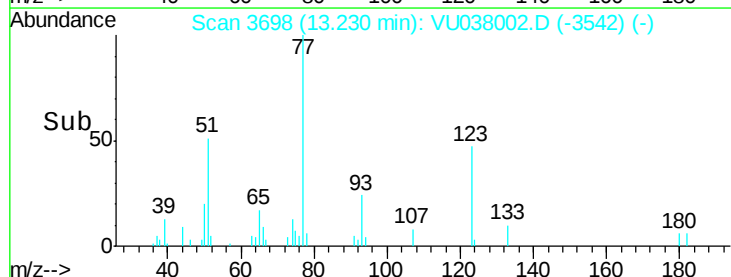
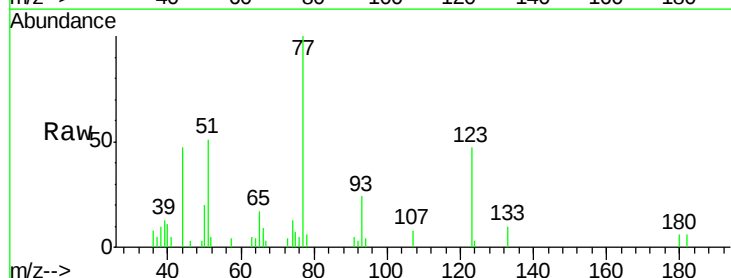
Tgt Ion: 77 Resp: 6224

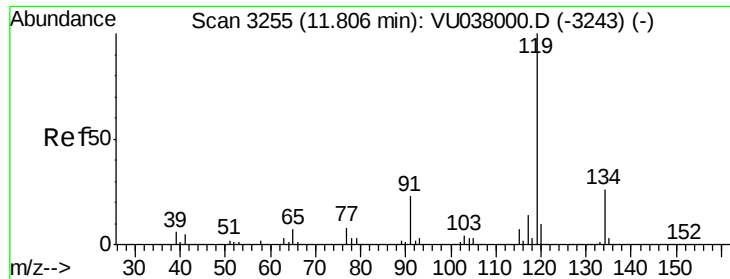
Ion Ratio Lower Upper

77 100

123 45.6 17.6 62.6

65 0.0 13.2 16.8#





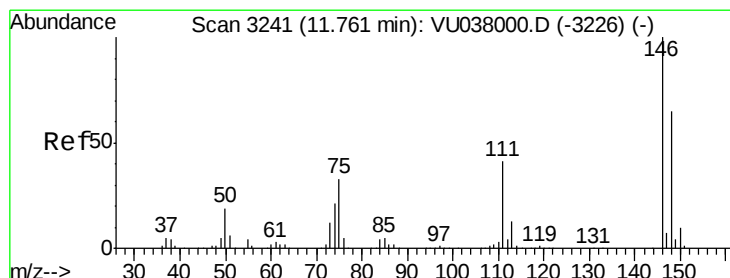
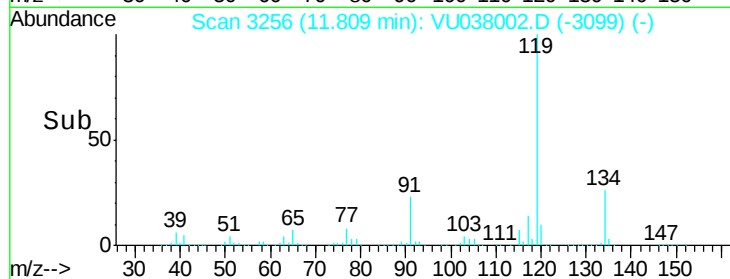
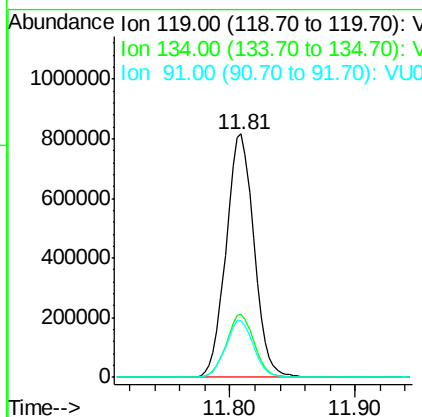
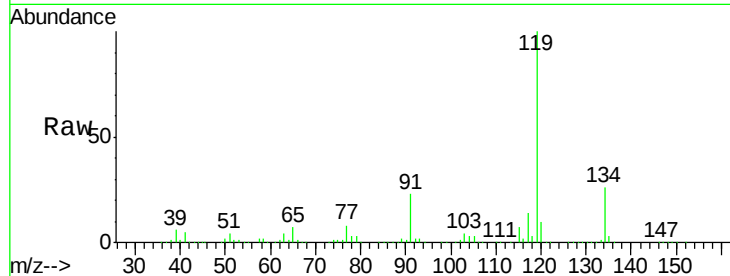
#81
 p-Isopropyltoluene
 Concen: 10.826 ug/l
 RT: 11.81 min Scan# 3256
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampled :
 ICVVU050420

Tot Ion:119 Resp: 1259920
 Ion Ratio Lower Upper
 119 100
 134 25.8 20.6 31.0
 91 23.4 18.6 28.0

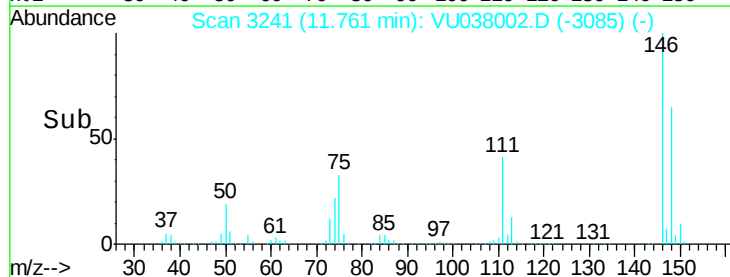
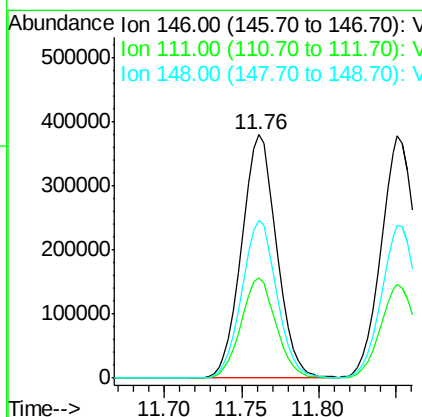
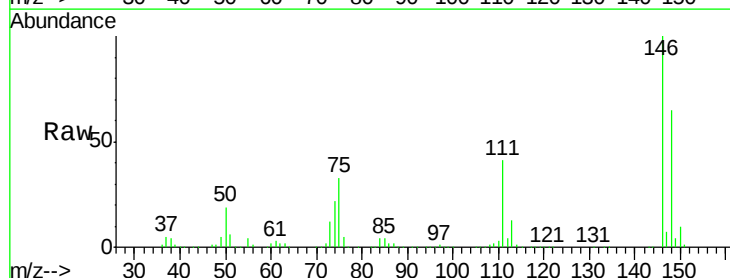
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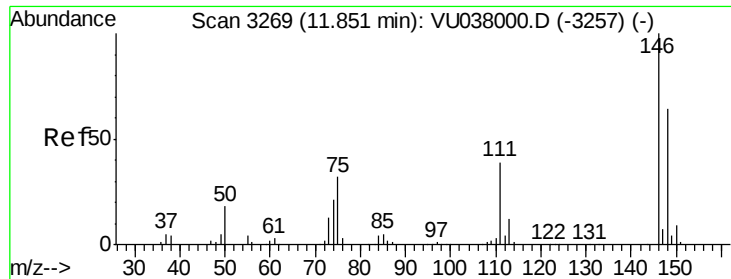
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#82
 1,3-Dichlorobenzene
 Concen: 10.140 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion:146 Resp: 599285
 Ion Ratio Lower Upper
 146 100
 111 41.1 33.0 49.4
 148 64.6 51.4 77.2





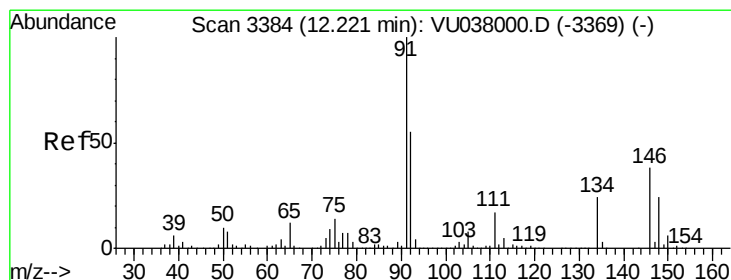
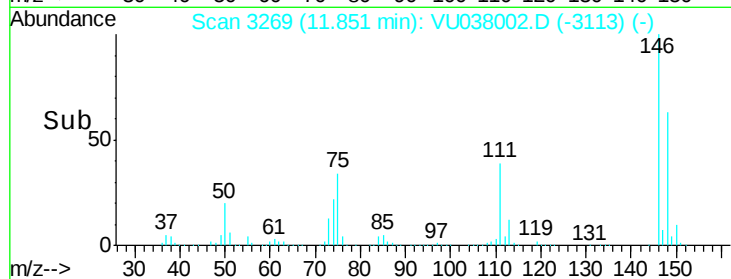
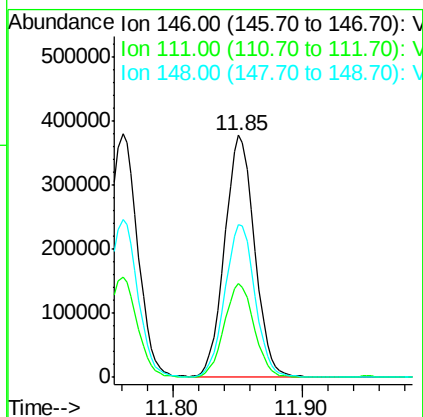
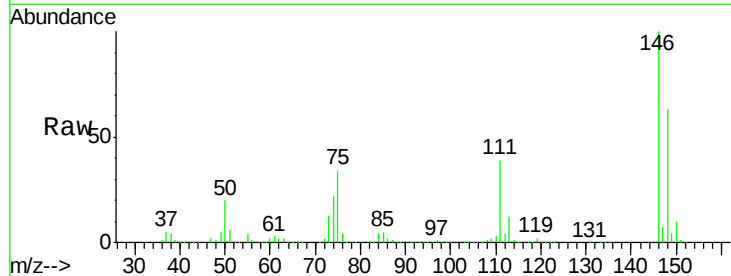
#83
 1,4-Dichlorobenzene
 Concen: 10.164 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	31.8	47.6
148	63.4	51.2	76.8

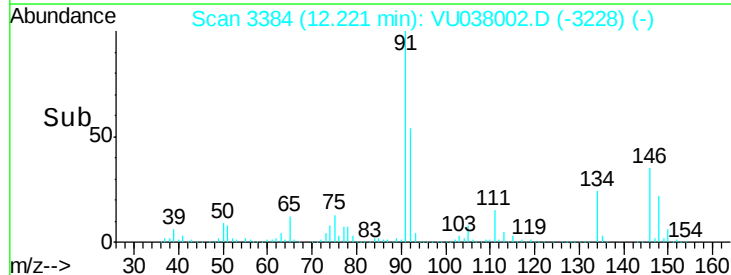
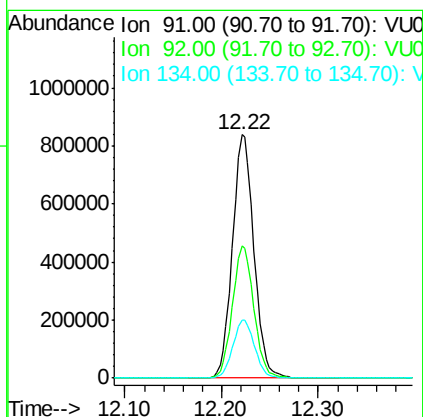
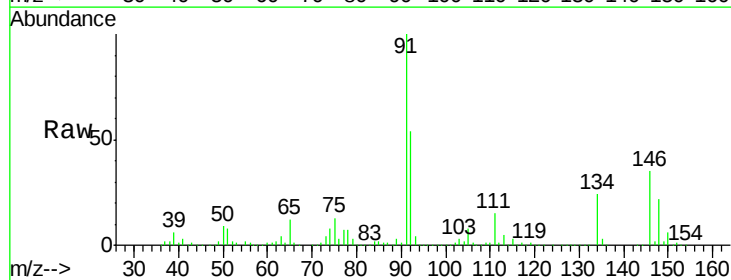
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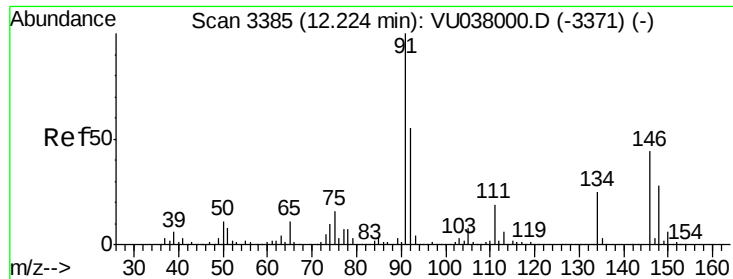
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#84
 n-Butylbenzene
 Concen: 11.118 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	43.8	65.6
134	24.3	19.4	29.2





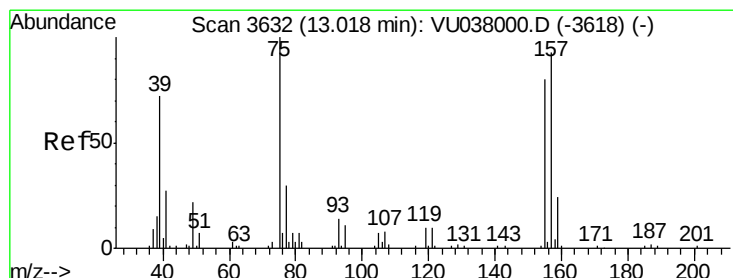
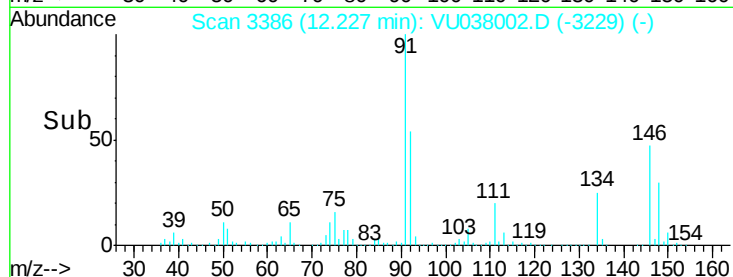
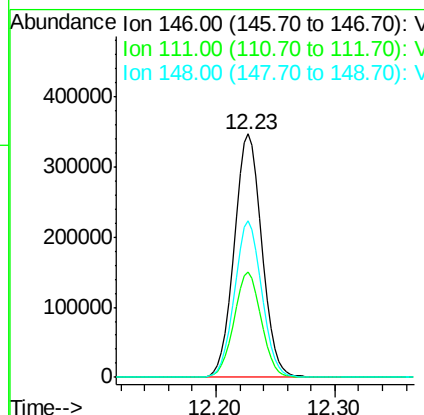
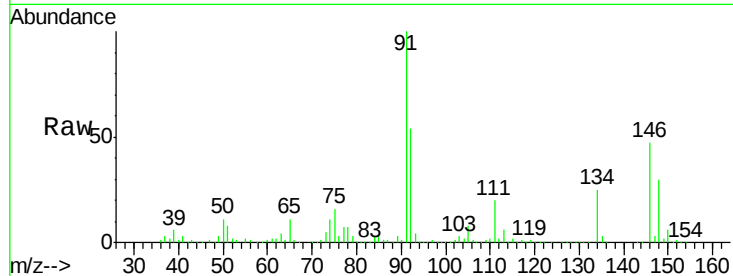
#85
 1,2-Dichlorobenzene
 Concen: 10.110 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Tot Ion	Ratio	Resp	Lower	Upper
146	100	556175		
111	42.9	21.9	65.8	
148	63.7	31.8	95.4	

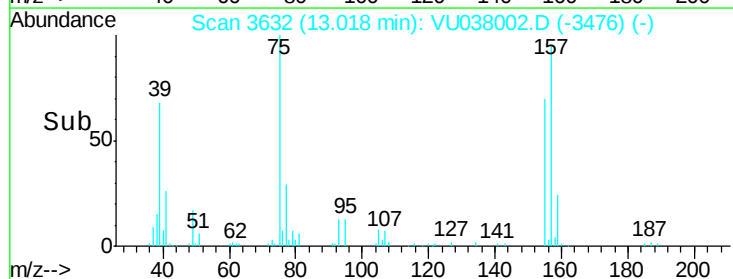
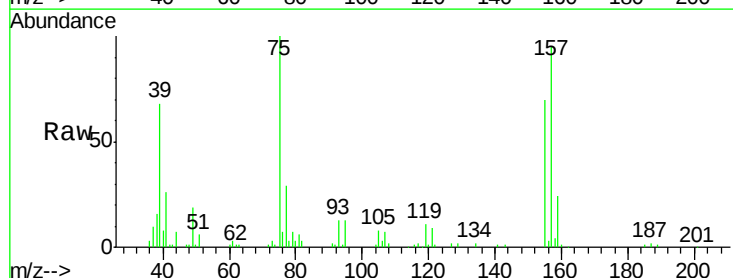
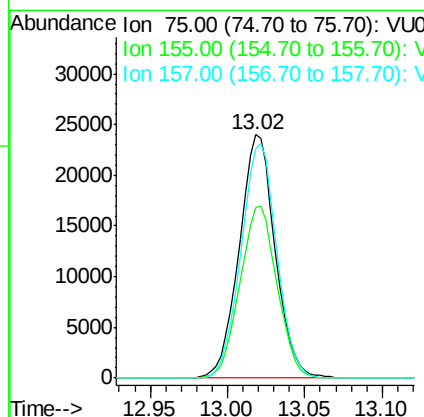
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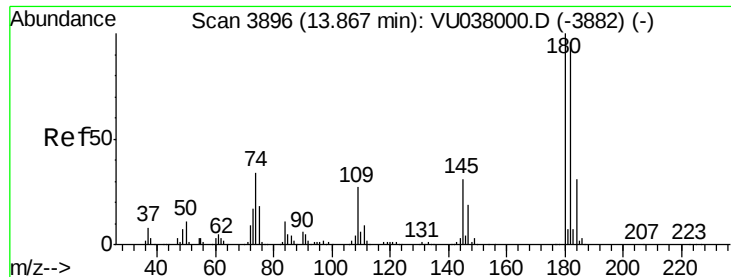
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.883 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	38662		
155	72.8	60.9	91.3	
157	96.1	78.1	117.1	





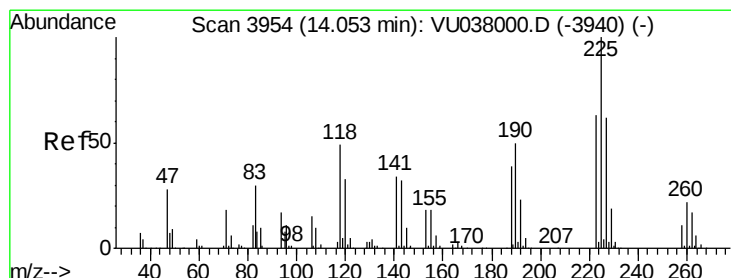
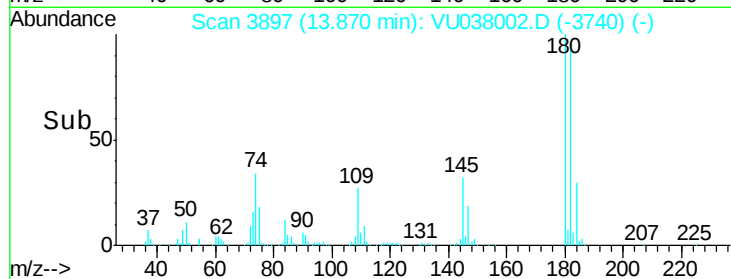
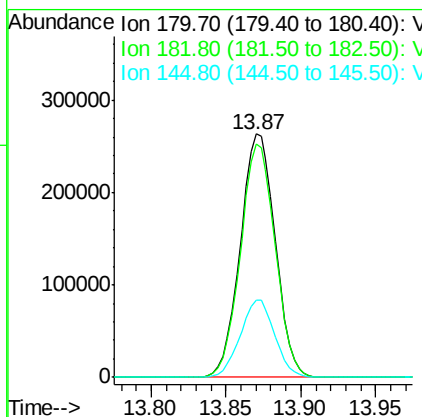
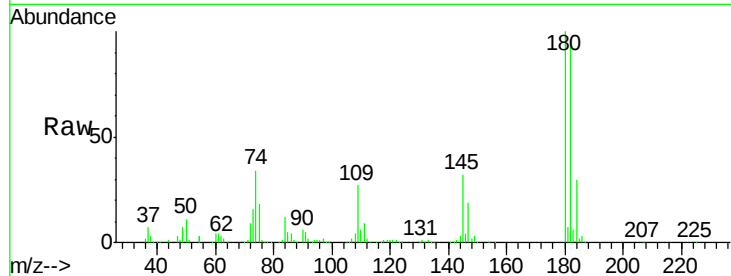
#87
 1,2,4-Trichlorobenzene
 Concen: 10.618 ug/l
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU050420

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.9	115.3
145	31.3	24.7	37.1

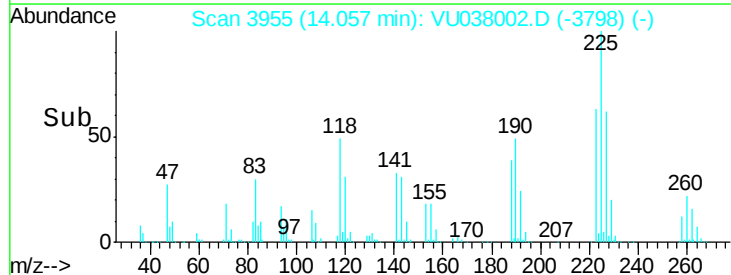
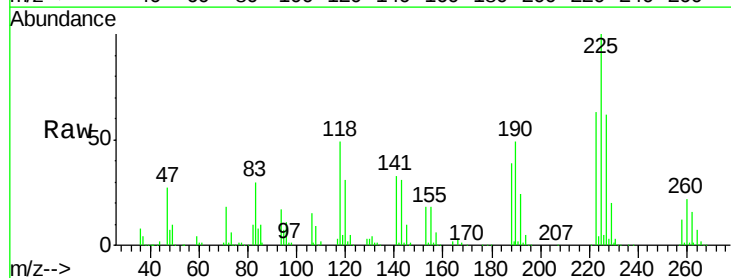
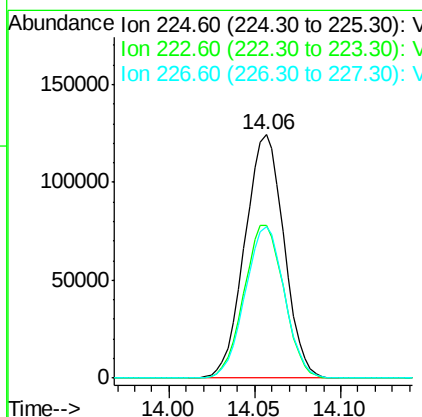
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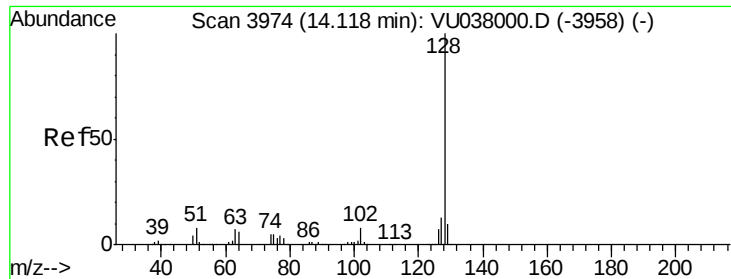
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#88
 Hexachlorobutadiene
 Concen: 10.950 ug/l
 RT: 14.06 min Scan# 3955
 Delta R.T. 0.00 min
 Lab File: VU038002.D
 Acq: 04 May 2020 14:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.3	76.9
227	62.4	49.2	73.8





#89

Naphthalene

Concen: 10.687 ug/l

RT: 14.12 min Scan# 3974

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Instrument :

MSVOA_U

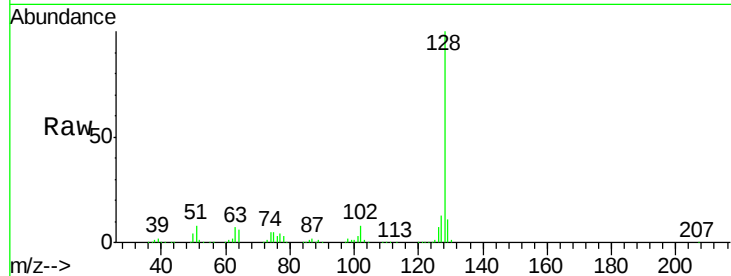
ClientSampleId :

ICVVU050420

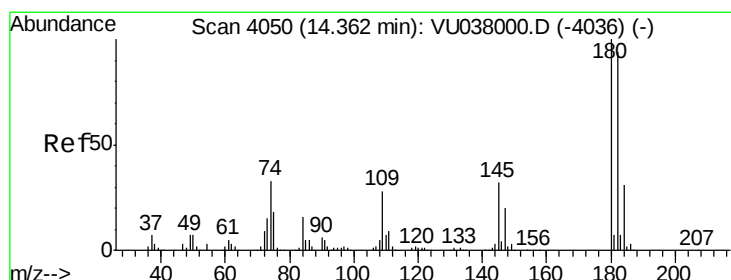
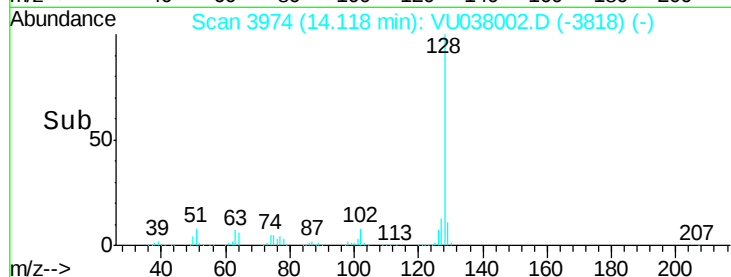
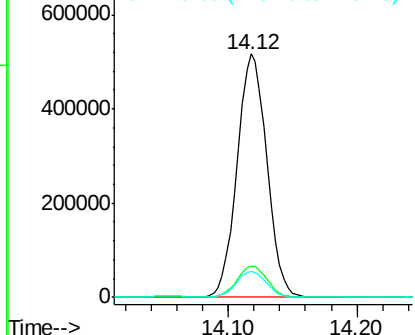
Tot Ion:	128	Resp:	826554
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	12.8

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



#90

1,2,3-Trichlorobenzene

Concen: 10.781 ug/l

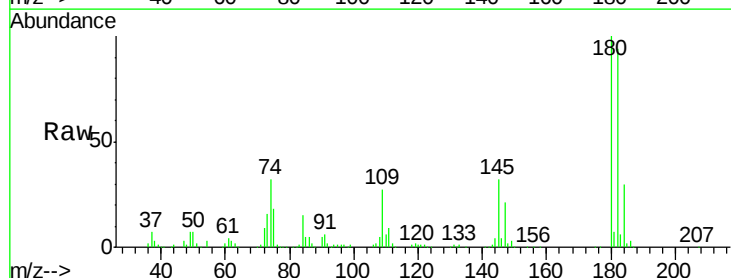
RT: 14.37 min Scan# 4051

Delta R.T. 0.00 min

Lab File: VU038002.D

Acq: 04 May 2020 14:34

Tgt Ion:	180	Resp:	386331
Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.9	113.9
145	32.5	26.0	39.0



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

