

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050520\
 Data File : VU038015.D
 Acq On : 05 May 2020 14:15
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
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apatel
 5/6/2020 10:39:40 AM

Quant Time: May 06 01:21:25 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	89059	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	33062	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	31562	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	291649	9.648	ug/l	99
3) Chloromethane	1.54	50	330728	9.240	ug/l	99
4) Vinyl Chloride	1.62	62	343541	9.637	ug/l	99
5) Bromomethane	1.87	94	171703	8.027	ug/l	97
6) Chloroethane	1.95	64	203825	9.571	ug/l	99
7) Trichlorofluoromethane	2.16	101	362466	9.754	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	226136	9.761	ug/l	99
9) 1,1-Dichloroethene	2.60	96	223934	9.627	ug/l	99
10) Iodomethane	2.75	142	207288	9.358	ug/l	100
11) Allyl Chloride	2.95	41	418191	9.691	ug/l	99
12) Acrylonitrile	3.35	53	117108	18.417	ug/l	97
13) Acetone	2.65	43	249332	49.021	ug/l	99
14) Carbon Disulfide	2.82	76	799309	9.411	ug/l	100
15) Methylene Chloride	3.07	84	279414	10.301	ug/l	98
16) trans-1,2-Dichloroethene	3.38	96	246436	9.682	ug/l	99
17) 1,1-Dichloroethane	3.91	63	465042	9.633	ug/l	98
18) 2-Butanone	4.75	43	359692	47.164	ug/l	100
19) Cyclohexane	5.42	56	451207m	9.638	ug/l	
20) Methylcyclohexane	6.79	83	459056	10.004	ug/l	100
21) 2,2-Dichloropropane	4.70	77	393560	9.754	ug/l	100
22) cis-1,2-Dichloroethene	4.71	96	268117	9.964	ug/l	100
23) Diethyl Ether	2.40	59	202039	9.904	ug/l	98
24) tert-Butyl Alcohol	3.23	59	179360	79.226	ug/l	98
25) Methyl tert-Butyl Ether	3.40	73	609751	9.567	ug/l	100
26) Bromochloromethane	5.01	128	103208	9.530	ug/l	98
27) Chloroform	5.13	83	437174	9.656	ug/l	97
28) 1,1,1-Trichloroethane	5.35	97	366671	9.828	ug/l	100
29) 1,1-Dichloropropene	5.56	75	363645	9.684	ug/l	100
30) Carbon Tetrachloride	5.56	117	300058	9.612	ug/l	97
31) Isopropyl Ether	4.04	45	768546	9.674	ug/l	100
32) Ethyl-t-butyl ether	4.55	59	679776	9.476	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	585121	9.464	ug/l	99
34) Propionitrile	4.82	54	95529	43.752	ug/l	99
35) Benzene	5.81	78	1024334	9.748	ug/l	99
36) 1,2-Dichloroethane	5.83	62	300083	9.653	ug/l	100
37) Trichloroethene	6.57	130	256933	9.313	ug/l	97
38) 1,2-Dichloropropane	6.82	63	274270	9.700	ug/l	98
39) Methacrylonitrile	5.02	41	93296	9.122	ug/l	99
40) Methyl acrylate	4.89	55	144453	9.585	ug/l	99
41) Tetrahydrofuran	5.10	42	89520	17.548	ug/l	99
42) 1-Chlorobutane	5.49	56	529707	9.791	ug/l	100

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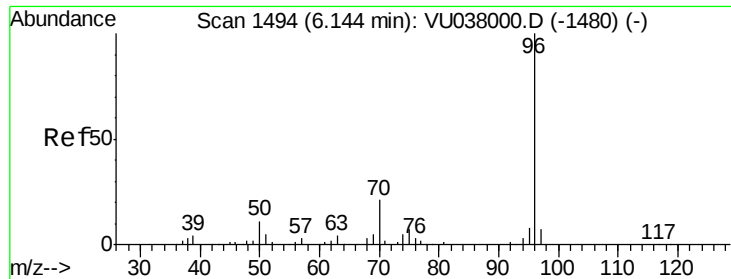
Manual Integrations
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	125793	9.550	ug/l	99
44) Bromodichloromethane	7.13	83	329628	9.963	ug/l	100
45) 4-Methyl-2-Pentanone	7.82	43	846040	47.129	ug/l	100
46) t-1,4-Dichloro-2-butene	10.85	75	90957m	16.386	ug/l	
47) Methyl methacrylate	6.99	69	256256	19.131	ug/l	99
48) Ethyl methacrylate	8.36	69	240664	9.705	ug/l	99
49) Toluene	7.99	92	657587	9.898	ug/l	100
50) t-1,3-Dichloropropene	8.23	75	325103	9.619	ug/l	99
51) cis-1,3-Dichloropropene	7.63	75	395156	9.735	ug/l	99
52) 1,1,2-Trichloroethane	8.42	97	175937	9.432	ug/l	99
53) 1,3-Dichloropropane	8.60	76	339409	9.693	ug/l	99
54) 2-Hexanone	8.71	43	586222	46.265	ug/l	100
55) Dibromochloromethane	8.84	129	199963	9.675	ug/l	100
56) 1,2-Dibromoethane	8.95	107	165129	9.385	ug/l	99
58) Tetrachloroethene	8.57	164	247615	9.616	ug/l	100
59) Chlorobenzene	9.47	112	683704	9.693	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	206434	9.640	ug/l	99
61) Pentachloroethane	11.44	117	154953	9.660	ug/l	98
62) Hexachloroethane	12.49	117	151602	9.080	ug/l	98
63) Ethyl Benzene	9.59	91	1243188	9.906	ug/l	99
64) m/p-Xylenes	9.71	106	969099	20.063	ug/l	100
65) o-Xylene	10.12	106	466534	9.909	ug/l	99
66) Styrene	10.13	104	784457	10.112	ug/l	100
67) Bromoform	10.31	173	104493	9.613	ug/l	97
69) Isopropylbenzene	10.50	105	1218176	9.909	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	228673	9.567	ug/l	97
71) 1,2,3-Trichloropropane	10.84	75	168104m	9.510	ug/l	
72) Bromobenzene	10.80	156	263476	9.594	ug/l	98
73) n-propylbenzene	10.92	120	333467	9.885	ug/l	95
74) 2-Chlorotoluene	11.00	126	277543	9.801	ug/l	99
75) 1,3,5-Trimethylbenzene	11.11	105	1019736	10.021	ug/l	100
76) 4-Chlorotoluene	11.11	126	288103	9.796	ug/l	98
77) tert-Butylbenzene	11.44	119	949654	9.805	ug/l	99
78) 1,2,4-Trimethylbenzene	11.48	105	1045749	9.981	ug/l	100
79) sec-Butylbenzene	11.66	105	1379165	9.941	ug/l	100
80) Nitrobenzene	13.23	77	27368	38.622	ug/l	98
81) p-Isopropyltoluene	11.81	119	1118273	9.987	ug/l	99
82) 1,3-Dichlorobenzene	11.76	146	544614	9.578	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	542703	9.428	ug/l	100
84) n-Butylbenzene	12.22	91	1141373	10.210	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	507231	9.584	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	33616	8.932	ug/l	96
87) 1,2,4-Trichlorobenzene	13.87	180	361599	9.345	ug/l	98
88) Hexachlorobutadiene	14.06	225	154274	8.917	ug/l	98
89) Naphthalene	14.12	128	701217	9.424	ug/l	100
90) 1,2,3-Trichlorobenzene	14.37	180	322345	9.350	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: VU038015.D

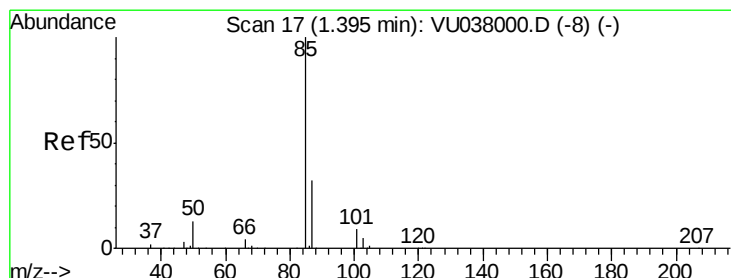
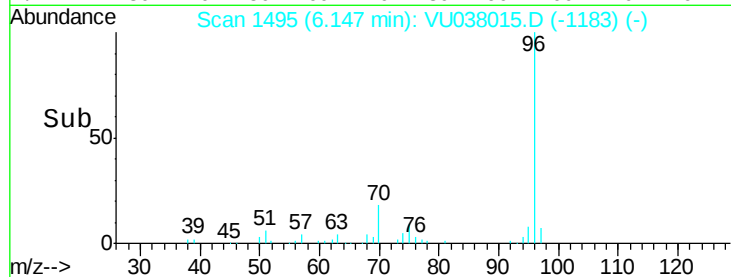
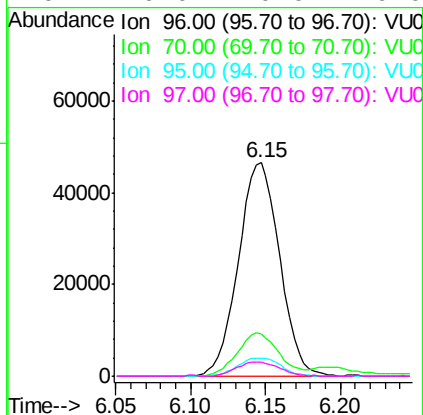
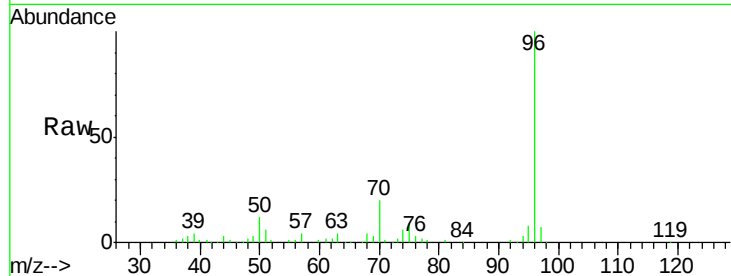
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
70	17.4	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: 9.648 ug/l

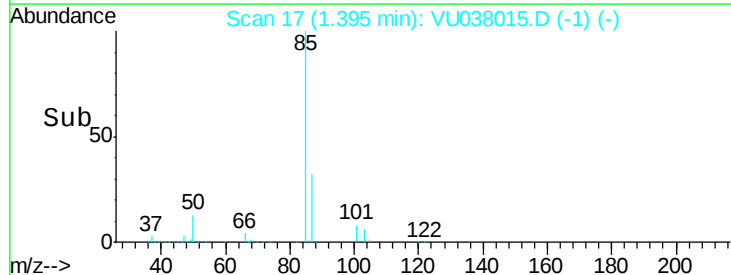
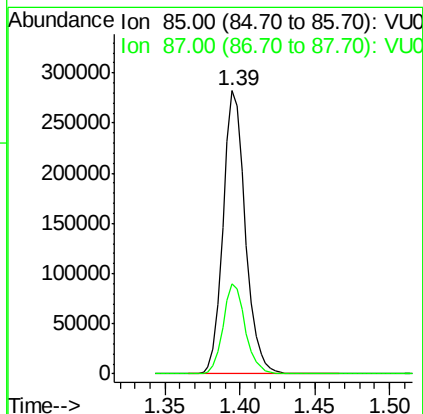
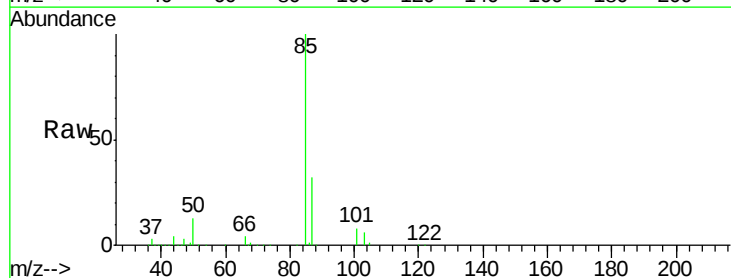
RT: 1.39 min Scan# 17

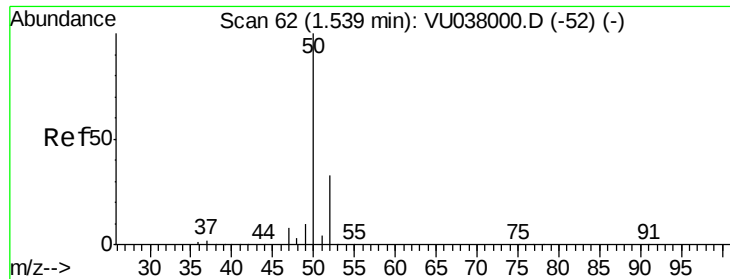
Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Tgt Ion	Ion	Ratio	Lower	Upper
85	100			
87	31.8	16.2	48.5	





#3

Chloromethane

Concen: 9.240 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 50 Resp: 330728

Ion Ratio Lower Upper

50 100

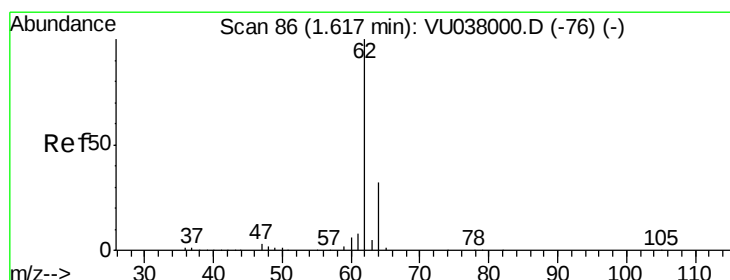
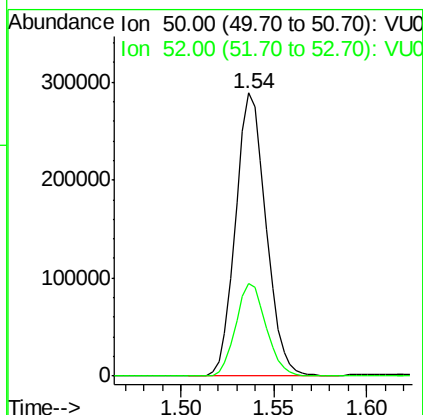
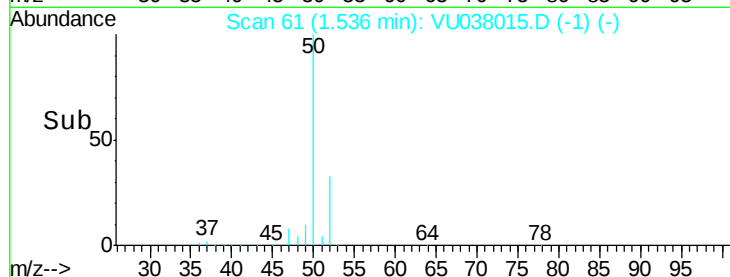
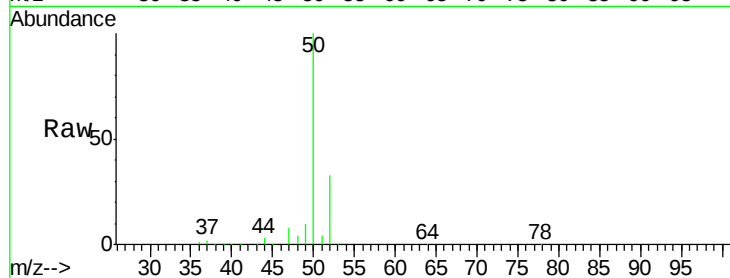
52 32.9 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 9.637 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038015.D

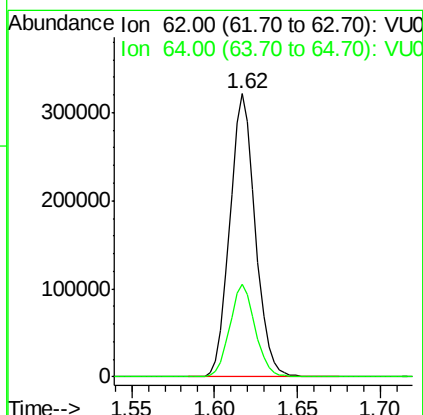
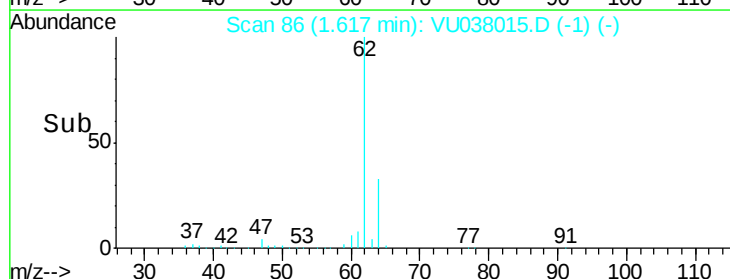
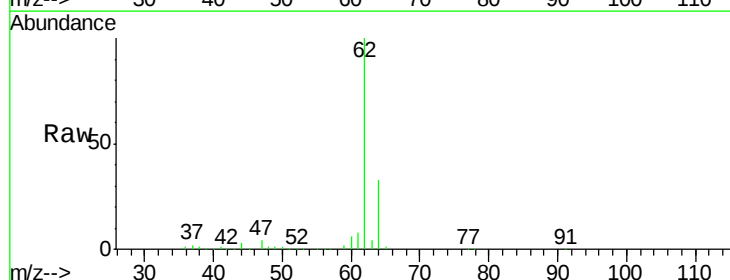
Acq: 05 May 2020 14:15

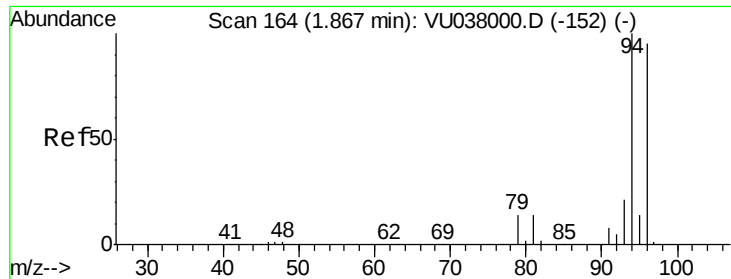
Tgt Ion: 62 Resp: 343541

Ion Ratio Lower Upper

62 100

64 32.5 25.7 38.5





#5

Bromomethane

Concen: 8.027 ug/l

RT: 1.87 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 94 Resp: 171703

Ion Ratio Lower Upper

94 100

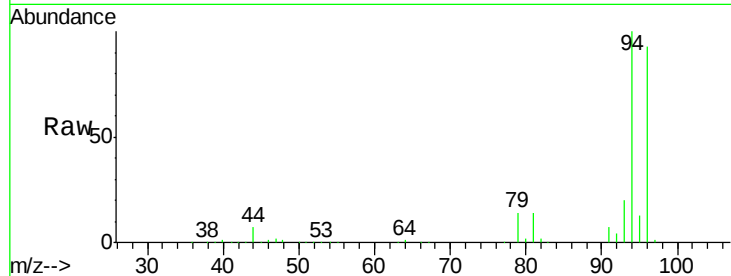
96 92.6 76.1 114.1

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Abundance Ion 94.00 (93.70 to 94.70): VU038015.D (-8) (-)

Ion 96.00 (95.70 to 96.70): VU038015.D (-8) (-)

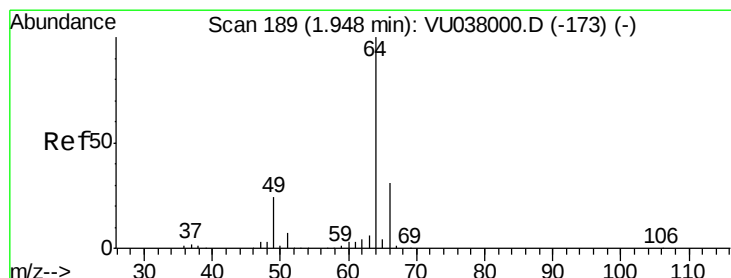
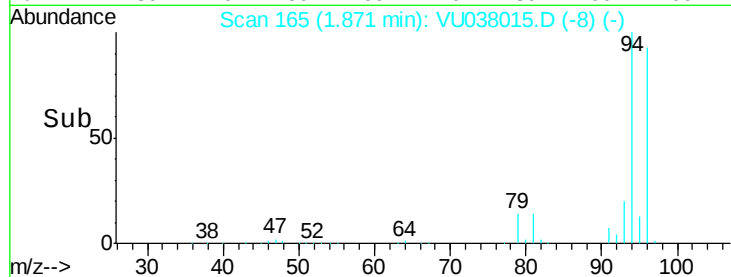
1.87

100000

50000

0

Time-->



#6

Chloroethane

Concen: 9.571 ug/l

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038015.D

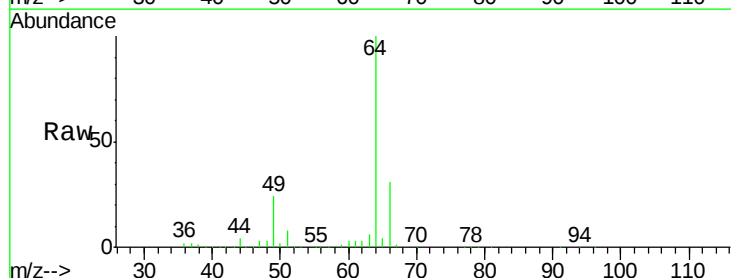
Acq: 05 May 2020 14:15

Tgt Ion: 64 Resp: 203825

Ion Ratio Lower Upper

64 100

66 31.5 24.8 37.2



Abundance Ion 64.00 (63.70 to 64.70): VU038015.D (-33) (-)

Ion 66.00 (65.70 to 66.70): VU038015.D (-33) (-)

1.95

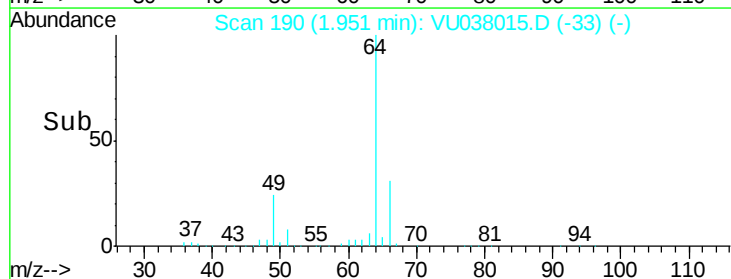
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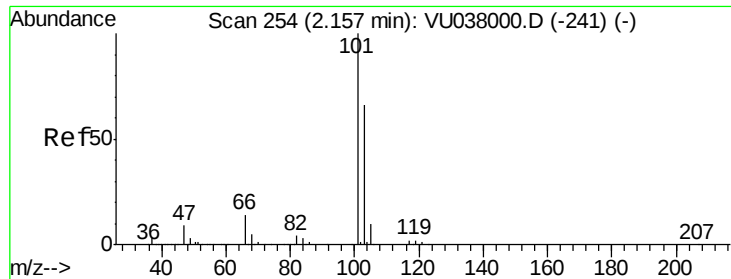
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50000

0

Time-->





#7

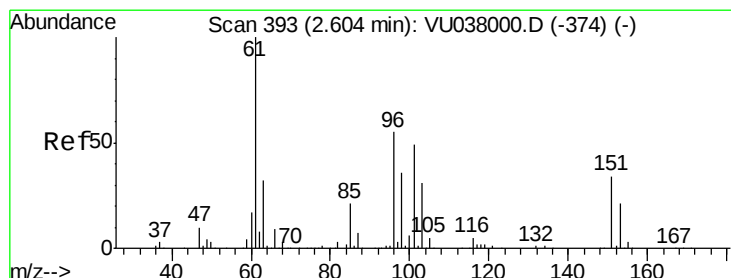
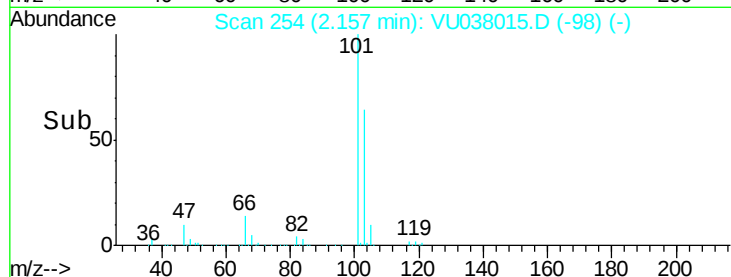
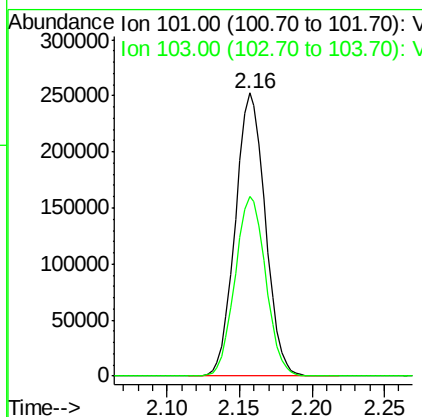
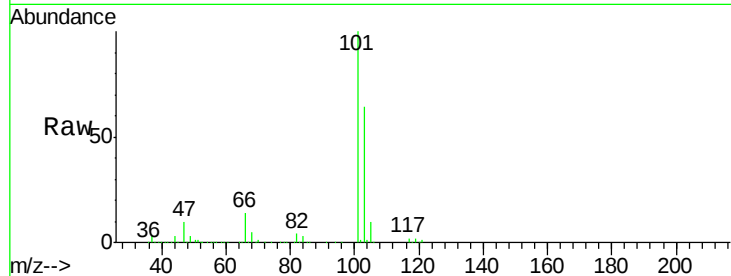
Trichlorofluoromethane
Concen: 9.754 ug/l
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU038015.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	362466		
103	63.6	52.6	78.8	

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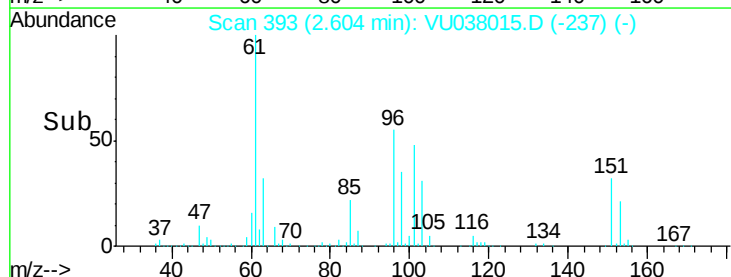
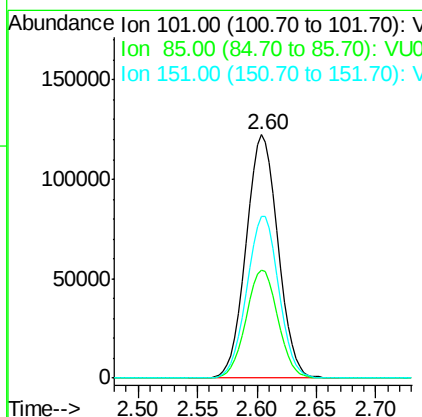
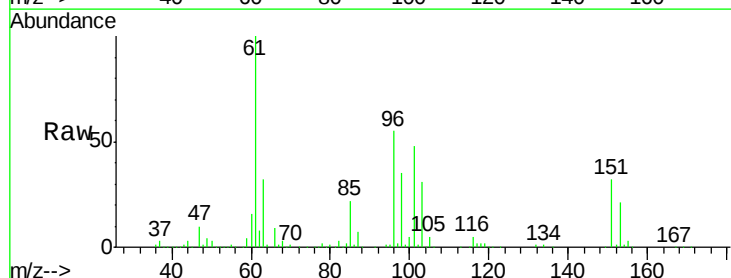
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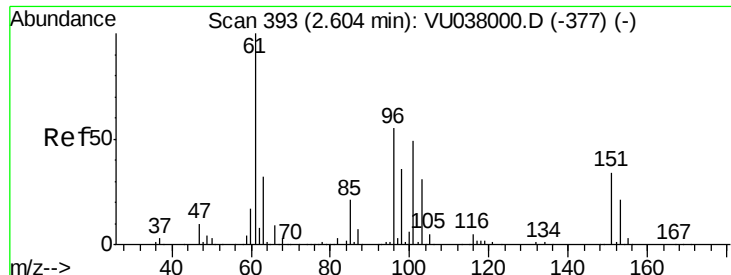


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.761 ug/l
RT: 2.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	226136		
85	44.7	35.5	53.3	
151	67.3	55.2	82.8	





#9

1,1-Dichloroethene

Concen: 9.627 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

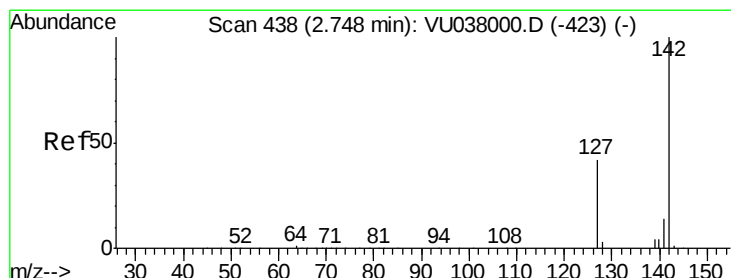
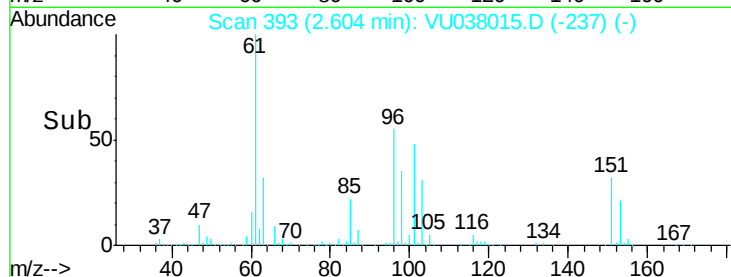
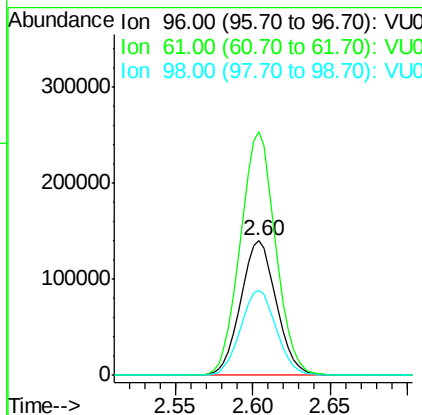
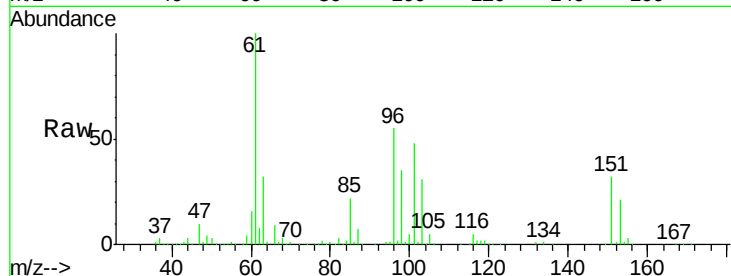
ClientSampleId :

VSTDCCC010EC

Tot Ion:	96	Resp:	223934
Ion Ratio	Lower	Upper	
96	100		
61	181.4	0.0	543.0
98	63.4	0.0	129.4

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#10

Iodomethane

Concen: 9.358 ug/l

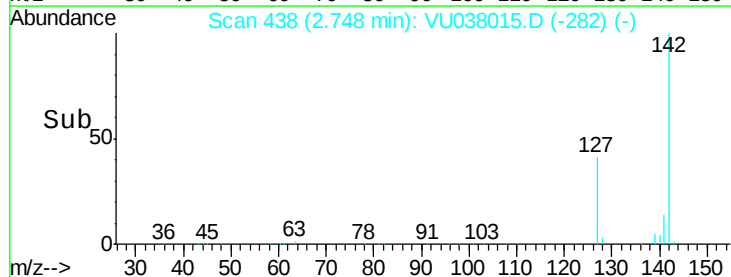
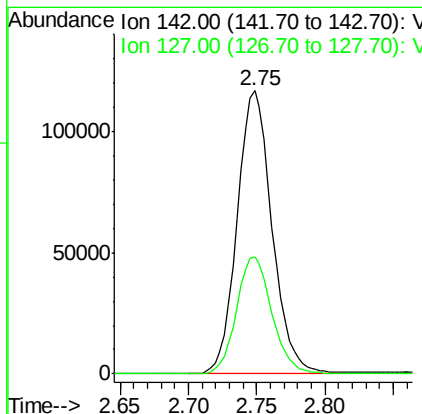
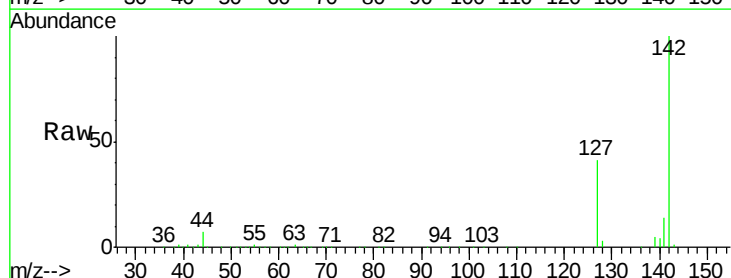
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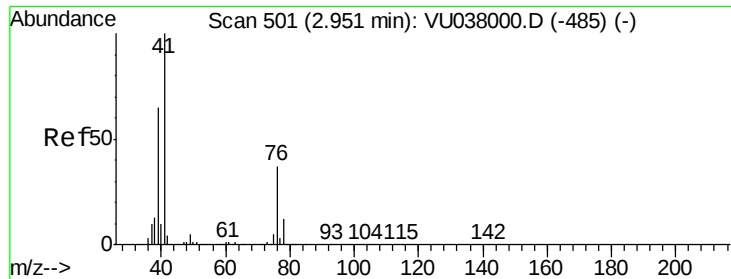
Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Tgt Ion:	142	Resp:	207288
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.5	50.3





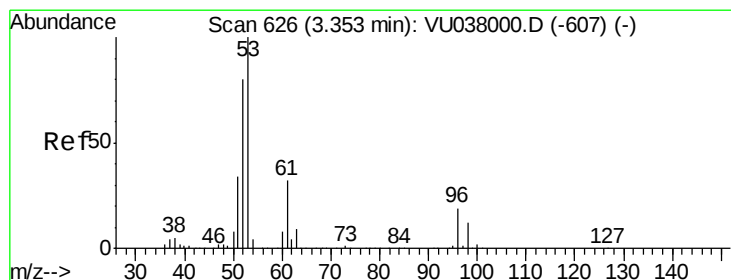
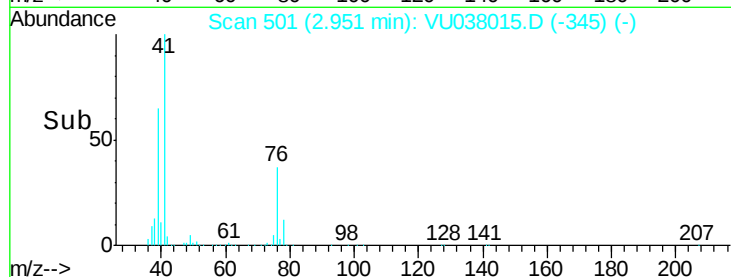
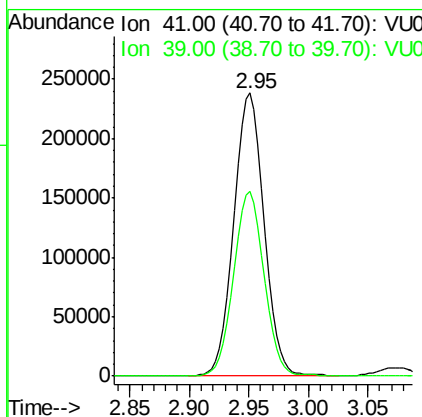
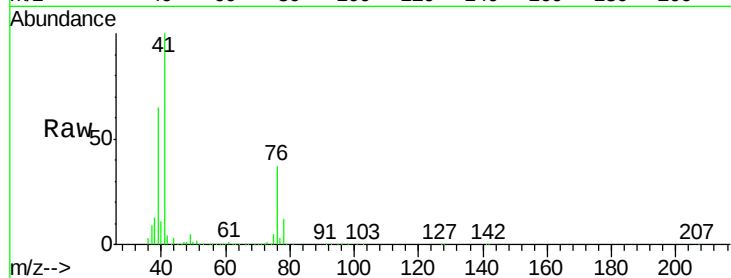
#11
Allvl Chloride
Concen: 9.691 ug/l
RT: 2.95 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion: 41 Resp: 418191
Ion Ratio Lower Upper
41 100
39 65.6 51.7 77.5

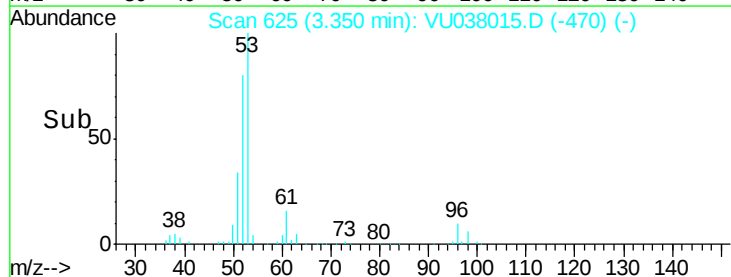
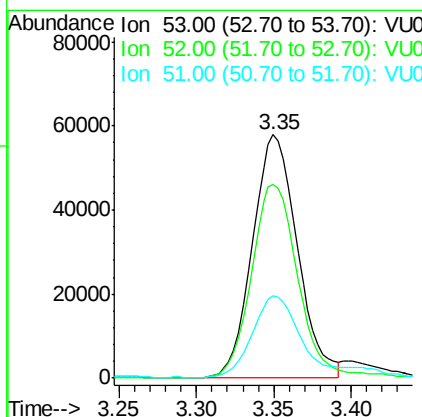
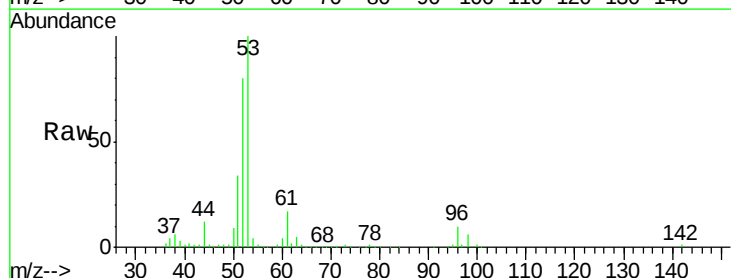
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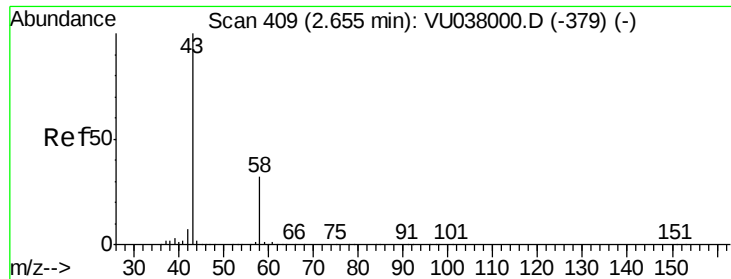
apatel
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#12
Acrylonitrile
Concen: 18.417 ug/l
RT: 3.35 min Scan# 625
Delta R.T. -0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion: 53 Resp: 117108
Ion Ratio Lower Upper
53 100
52 81.9 63.3 94.9
51 36.0 30.2 45.2





#13

Acetone

Concen: 49.021 ug/l

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 249332

Ion Ratio Lower Upper

43 100

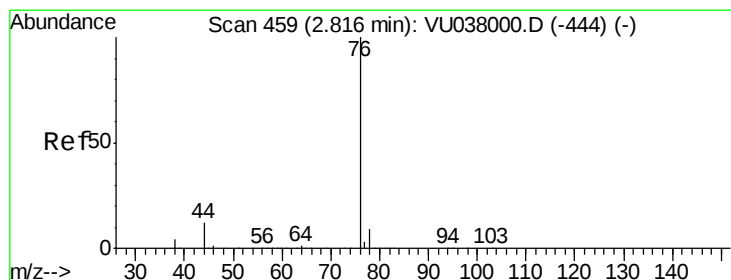
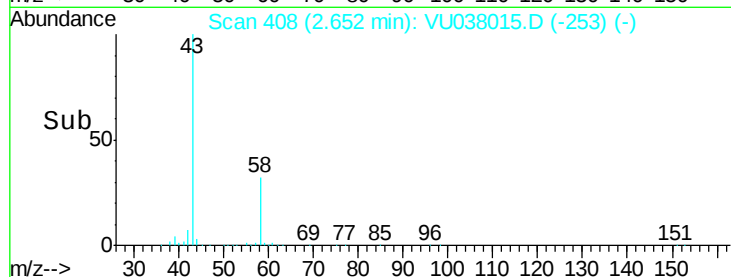
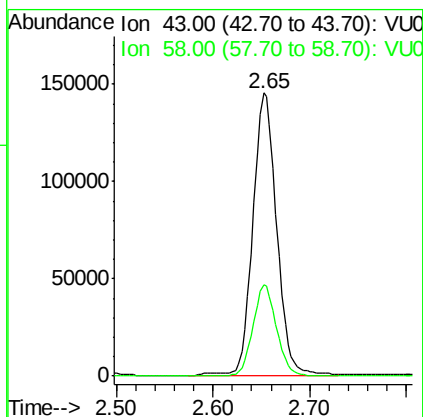
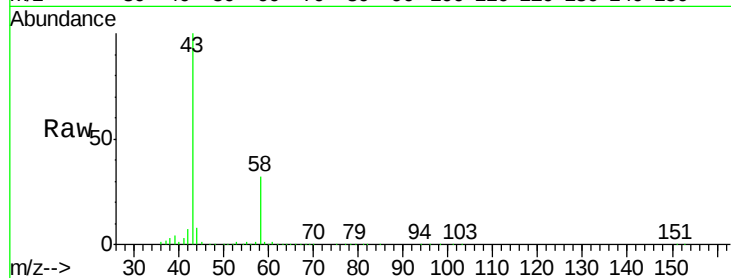
58 32.2 25.2 37.8

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#14

Carbon Disulfide

Concen: 9.411 ug/l

RT: 2.82 min Scan# 459

Delta R.T. 0.00 min

Lab File: VU038015.D

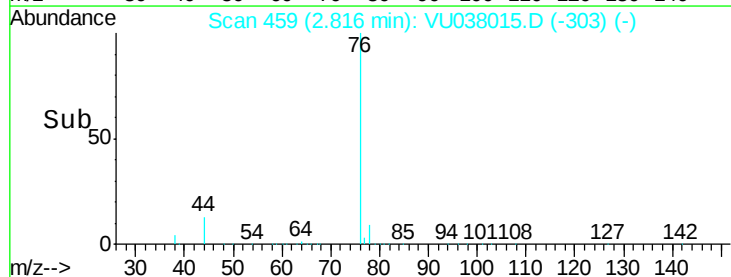
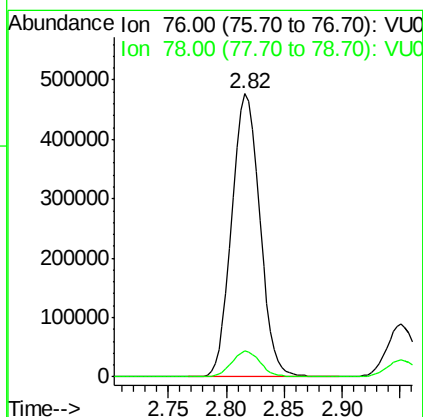
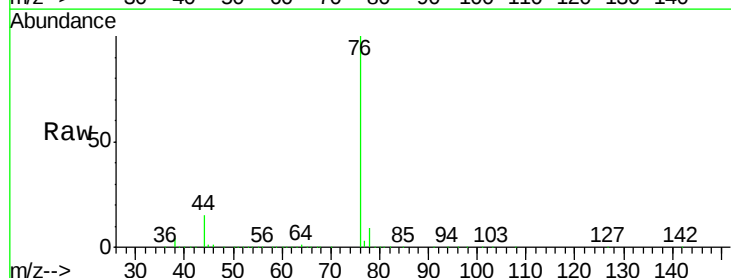
Acq: 05 May 2020 14:15

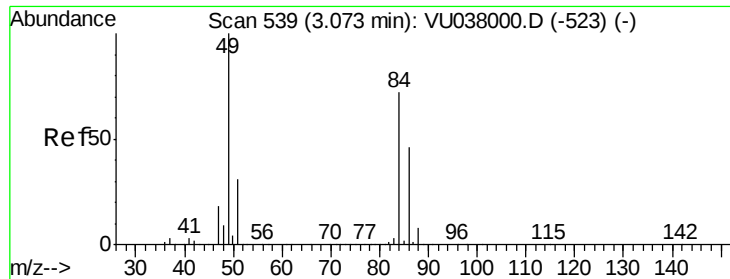
Tgt Ion: 76 Resp: 799309

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6





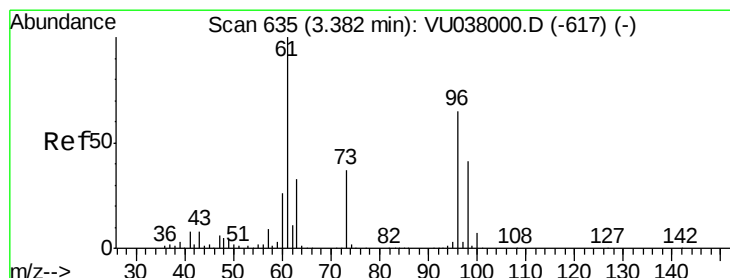
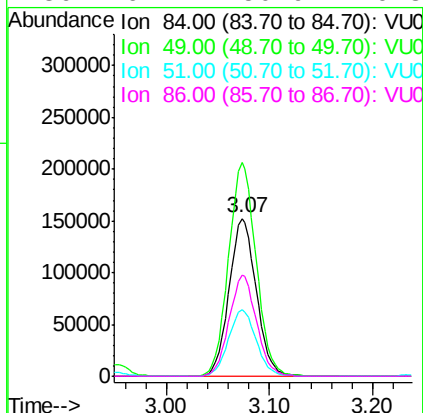
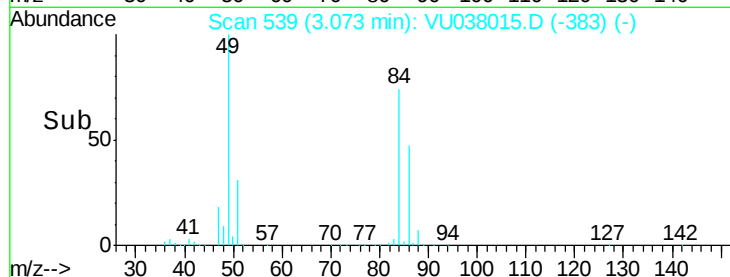
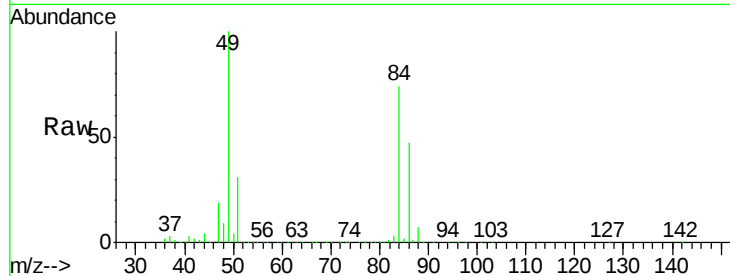
#15
Methvlene Chloride
Concen: 10.301 ug/l
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:	84	Resp:	279414
Ion	Ratio	Lower	Upper
84	100		
49	135.5	110.6	166.0
51	41.9	0.0	85.4
86	64.1	50.9	76.3

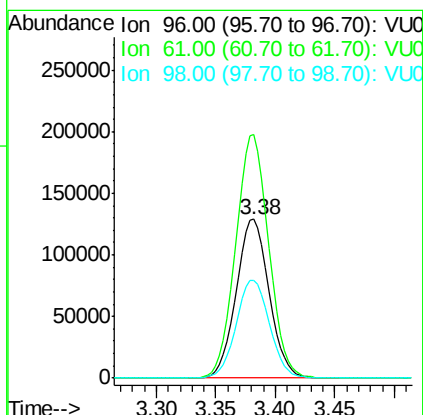
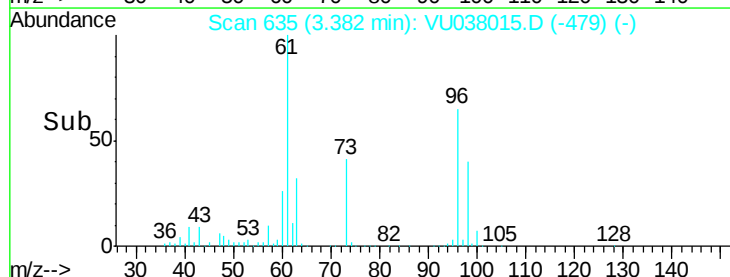
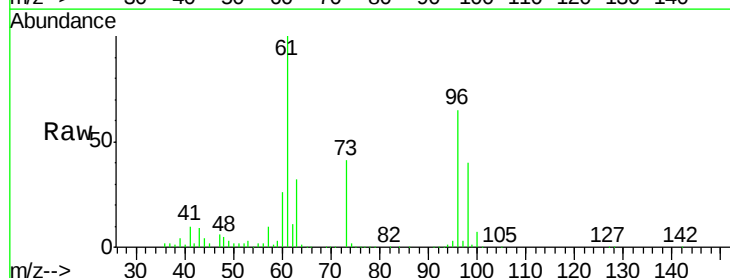
Manual Integrations
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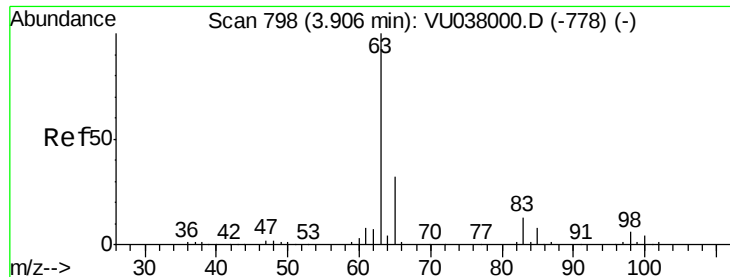
apatel
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#16
trans-1,2-Dichloroethene
Concen: 9.682 ug/l
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion:	96	Resp:	246436
Ion	Ratio	Lower	Upper
96	100		
61	153.5	122.4	183.6
98	61.9	50.1	75.1





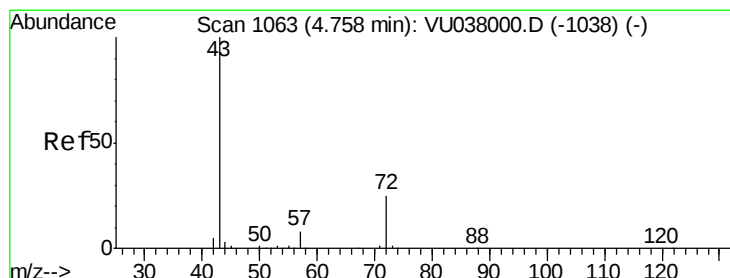
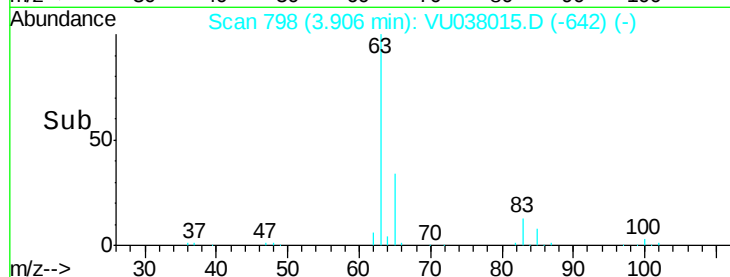
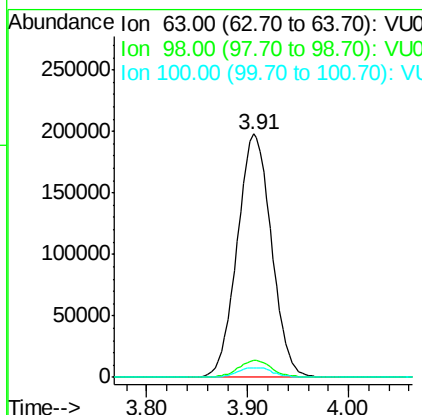
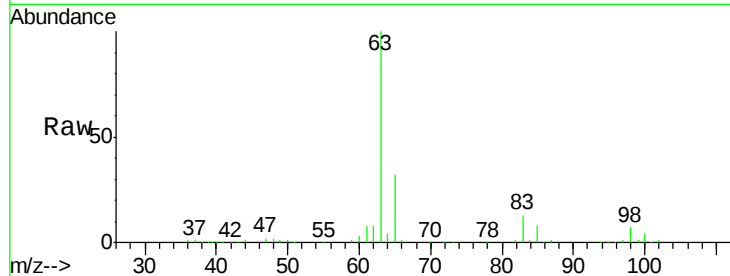
#17
 1,1-Dichloroethane
 Concen: 9.633 ug/l
 RT: 3.91 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:	63	Resp:	465042
Ion Ratio	Lower	Upper	
63	100		
98	6.9	3.1	9.4
100	3.9	2.2	6.6

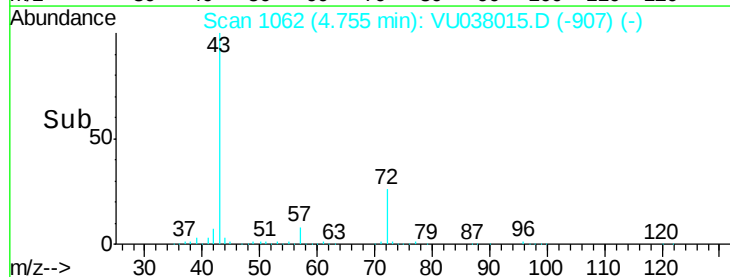
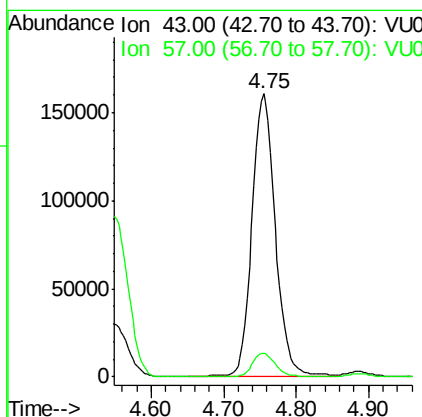
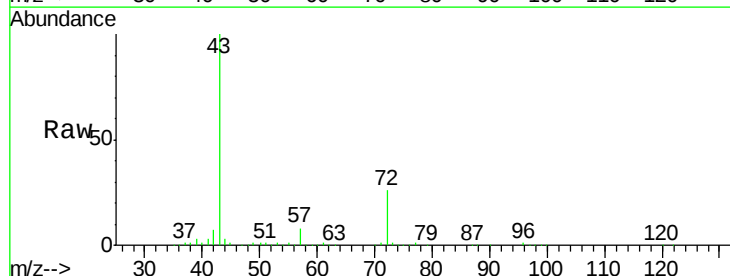
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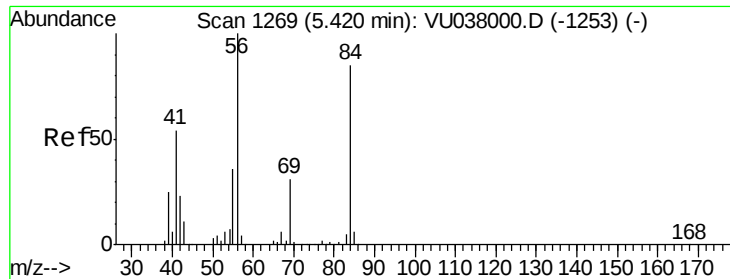
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#18
 2-Butanone
 Concen: 47.164 ug/l
 RT: 4.75 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion:	43	Resp:	359692
Ion Ratio	Lower	Upper	
43	100		
57	8.2	0.0	16.6





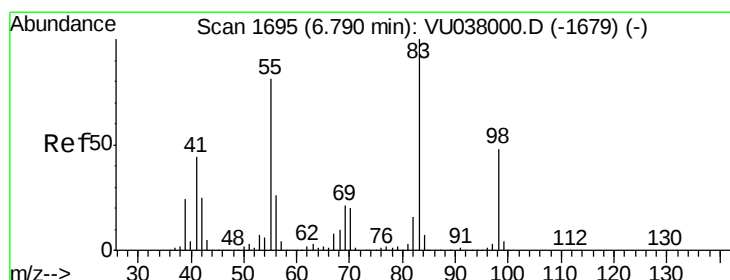
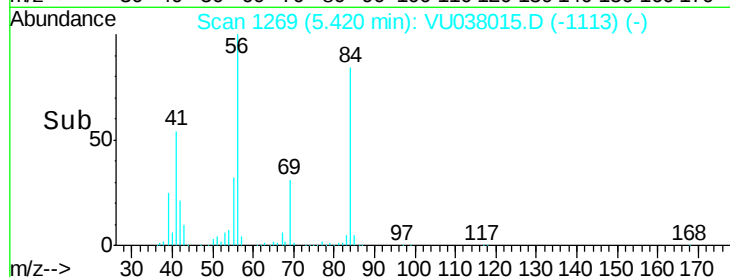
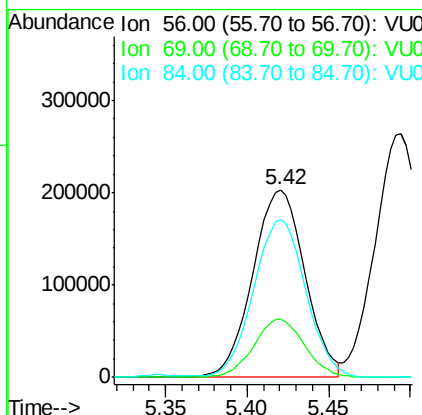
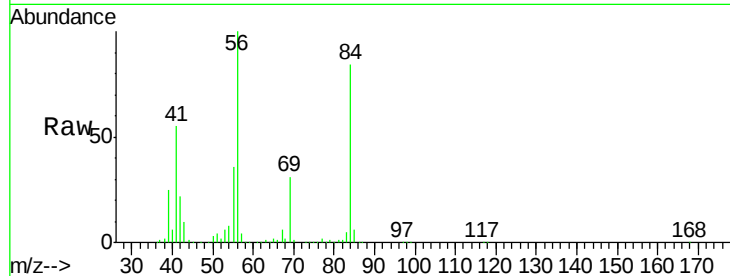
#19
Cyclohexane
Concen: 9.638 ug/l m
RT: 5.42 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:	56	Resp:	451207
Ion Ratio	Lower	Upper	
56	100		
69	30.3	24.3	36.5
84	83.0	66.3	99.5

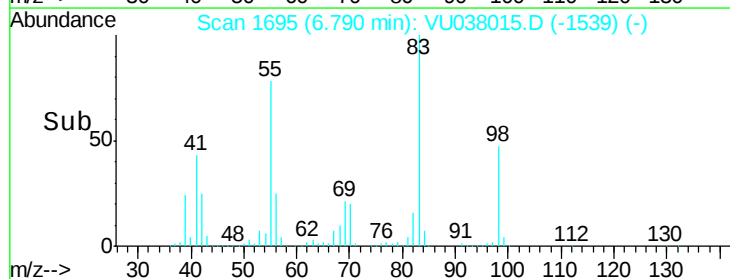
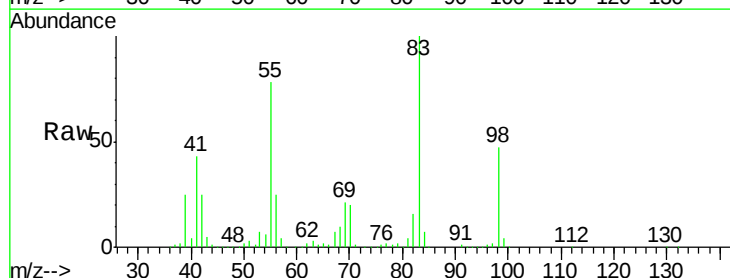
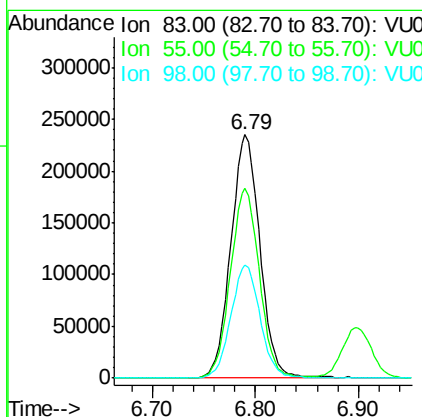
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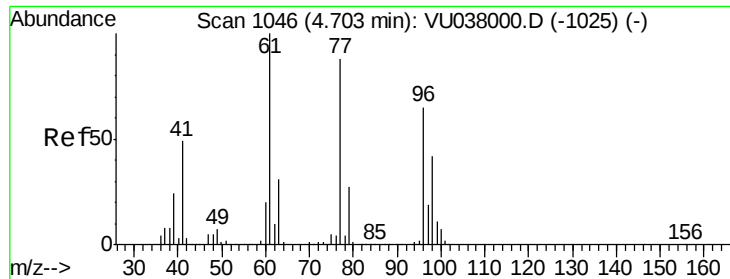
apatel
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#20
Methylcyclohexane
Concen: 10.004 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion:	83	Resp:	459056
Ion Ratio	Lower	Upper	
83	100		
55	77.1	61.5	92.3
98	46.6	37.3	55.9





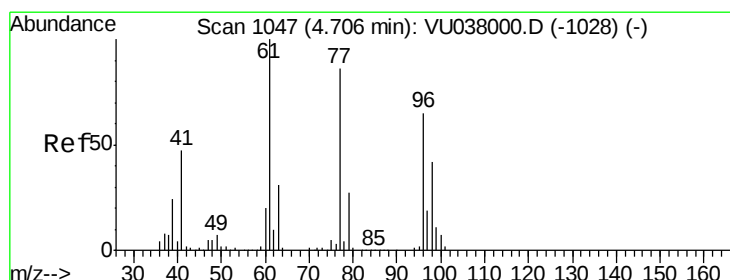
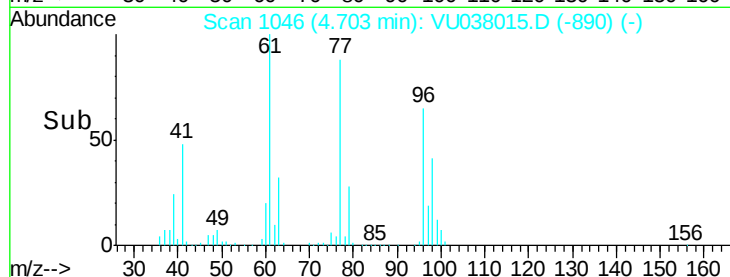
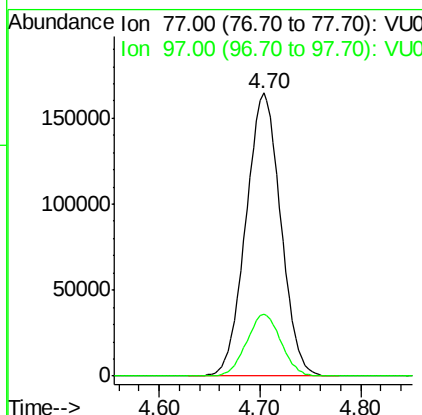
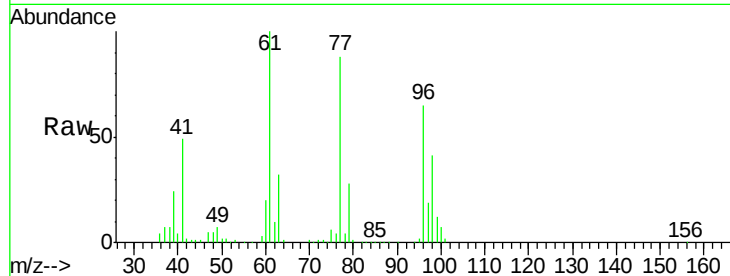
#21
 2,2-Dichloropropane
 Concen: 9.754 ug/l
 RT: 4.70 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
77	100		
97	21.6	17.4	26.2

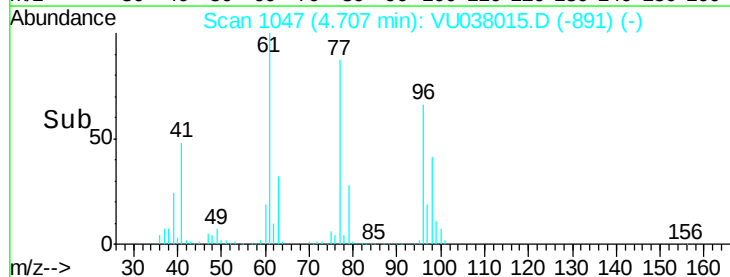
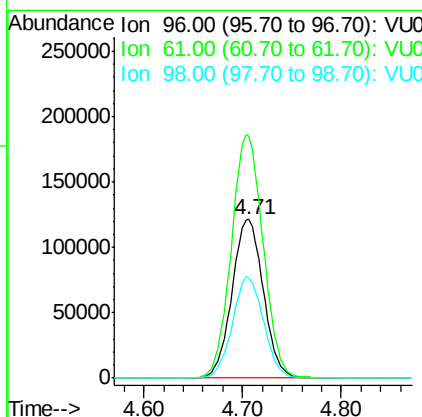
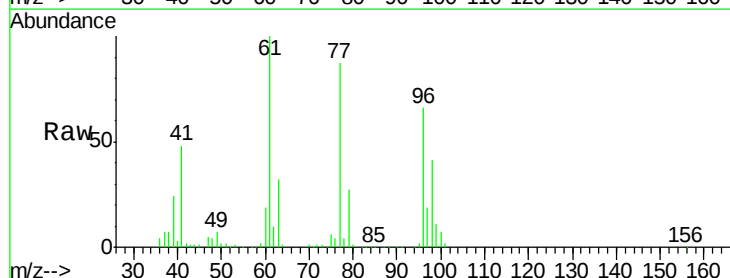
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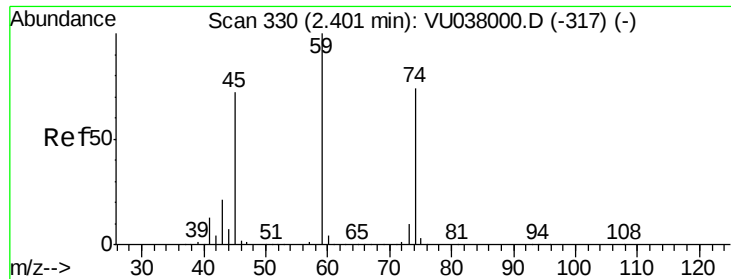
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#22
 cis-1,2-Dichloroethene
 Concen: 9.964 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.7	0.0	389.3
98	63.3	32.1	96.3





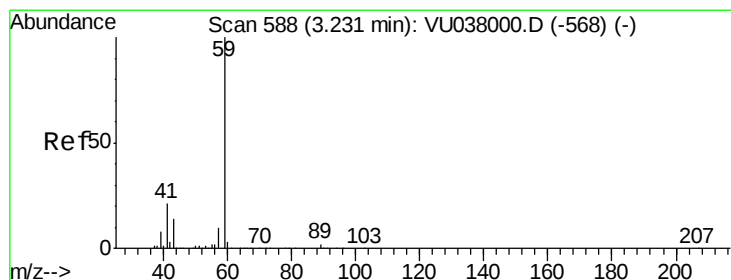
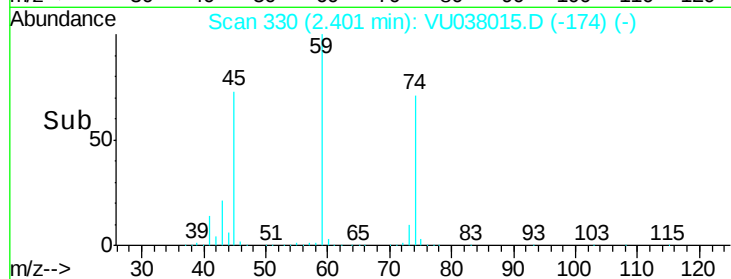
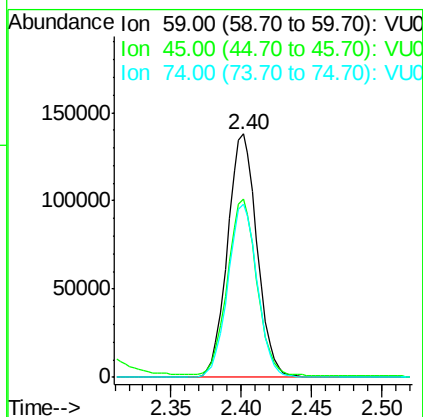
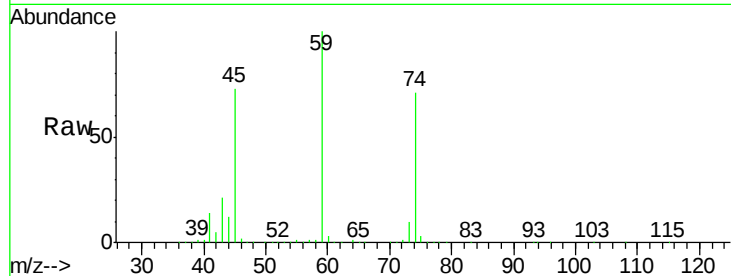
#23
Diethyl Ether
Concen: 9.904 ug/l
RT: 2.40 min Scan# 330
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
59	100		
45	72.7	59.8	89.6
74	70.9	58.2	87.4

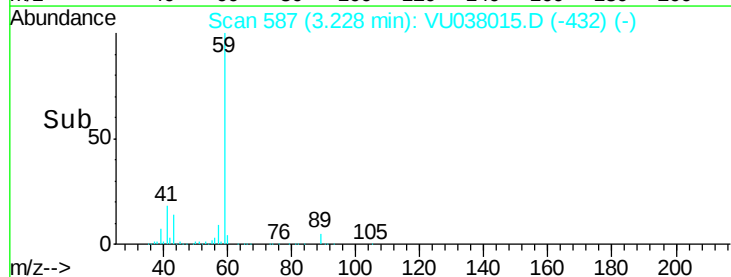
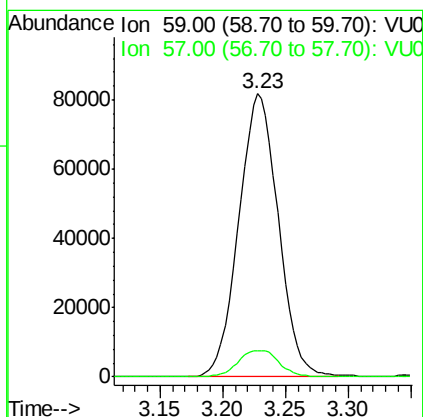
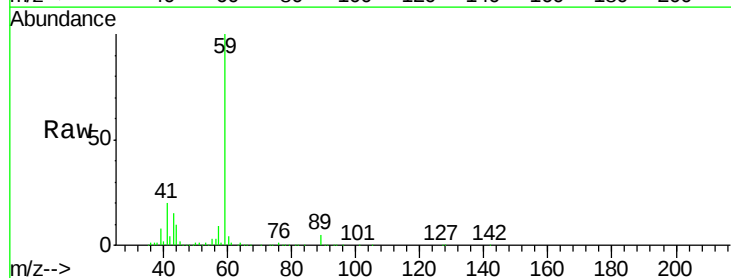
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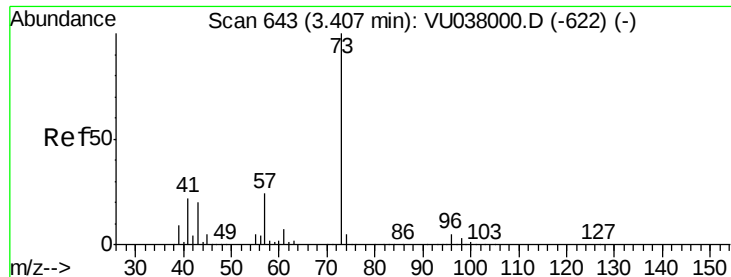
apatel
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#24
tert-Butyl Alcohol
Concen: 79.226 ug/l
RT: 3.23 min Scan# 587
Delta R.T. -0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.2	12.4





#25

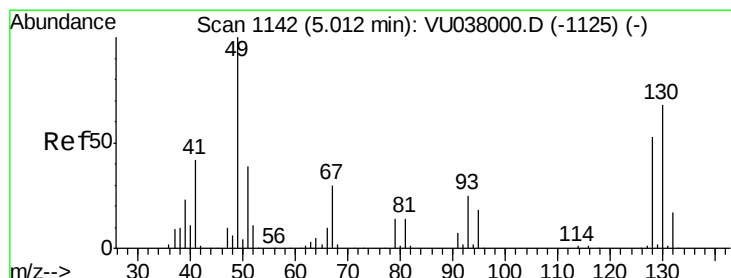
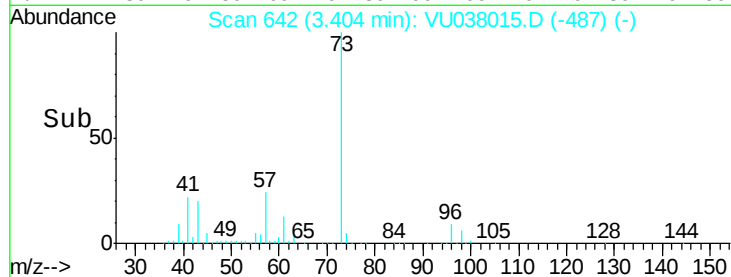
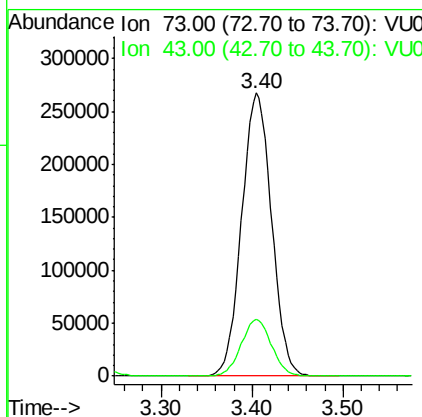
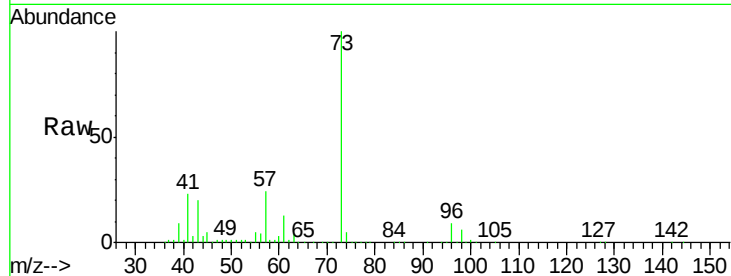
Methyl tert-Butyl Ether
 Concen: 9.567 ug/l
 RT: 3.40 min Scan# 642
 Delta R.T. -0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
73	100		
43	20.1	16.2	24.2

Manual Integrations
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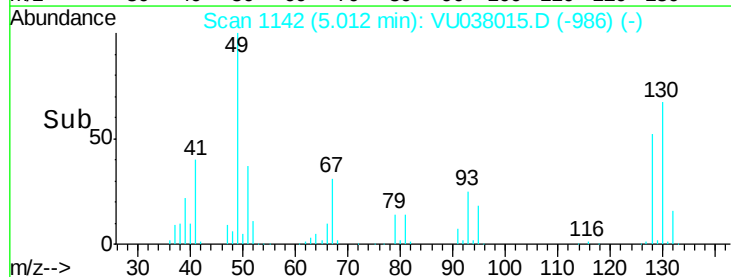
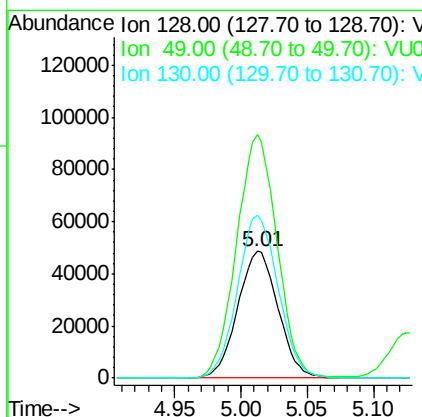
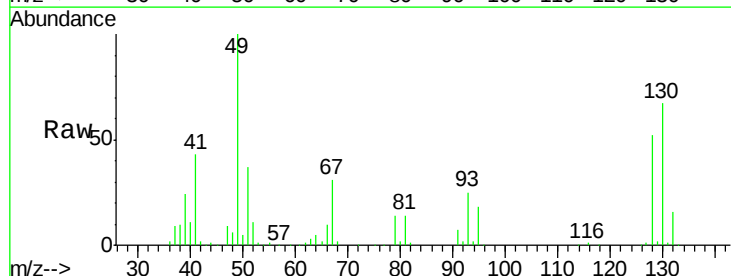
apatel
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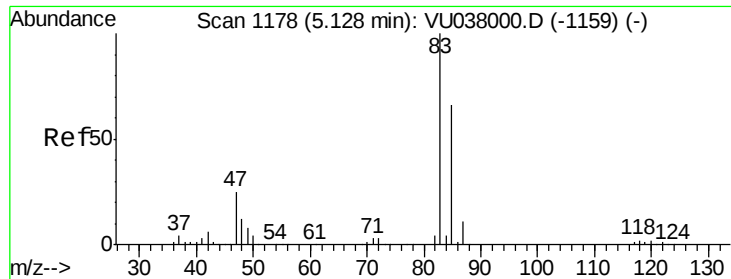


#26

Bromochloromethane
 Concen: 9.530 ug/l
 RT: 5.01 min Scan# 1142
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
128	100		
49	192.1	0.0	376.0
130	129.6	102.6	153.8





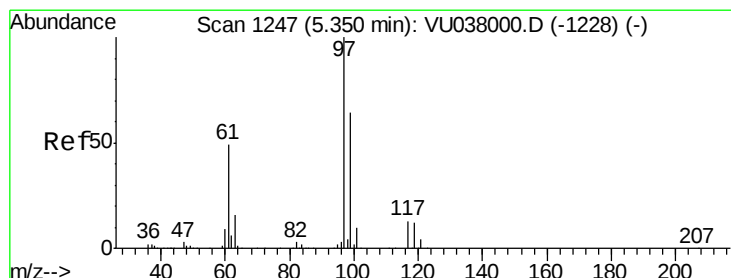
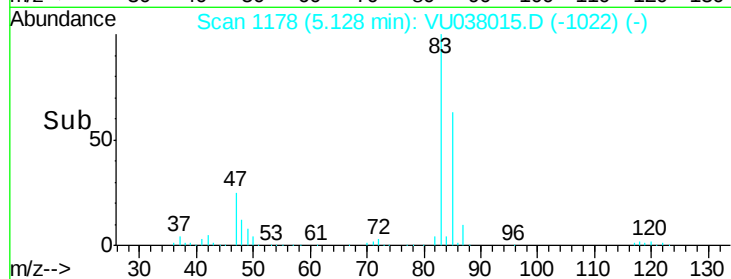
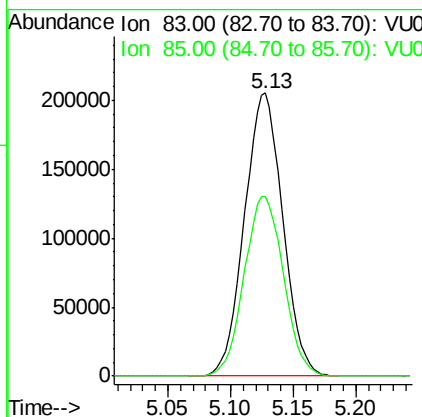
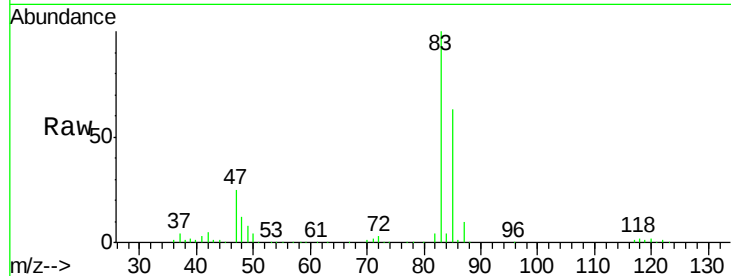
#27
Chloroform
Concen: 9.656 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	83	Resp	437174
Ion Ratio	100	Lower	Upper
85	63.3	0.0	132.0

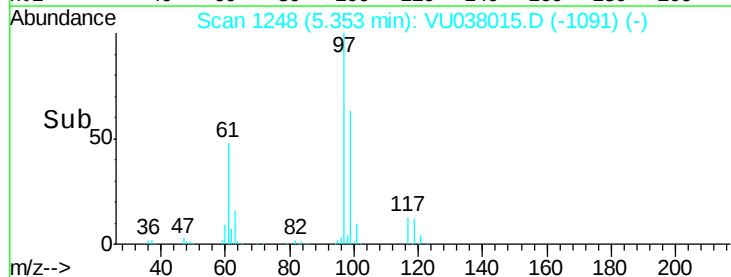
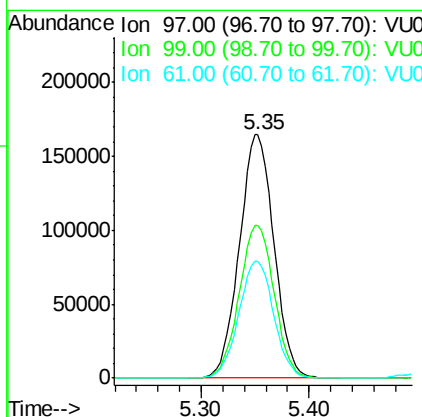
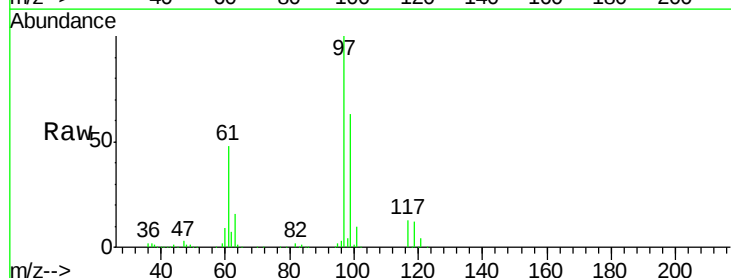
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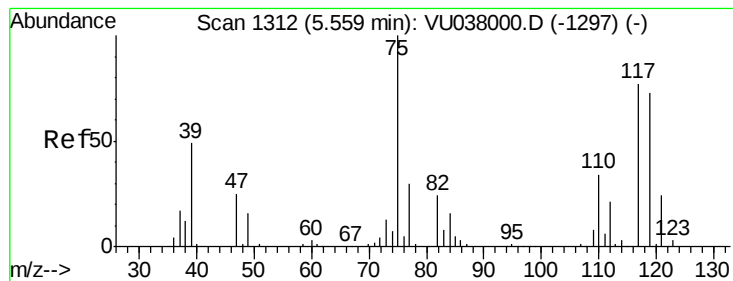
apatel
5/6/2020 10:39:40 AM



#28
1,1,1-Trichloroethane
Concen: 9.828 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion	97	Resp	366671
Ion Ratio	100	Lower	Upper
99	63.8	31.9	95.9
61	48.4	24.1	72.4





#29

1,1-Dichloropropene

Concen: 9.684 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 75 Resp: 363645

Ion Ratio Lower Upper

75 100

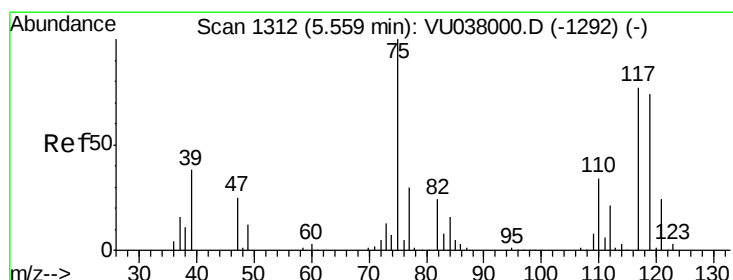
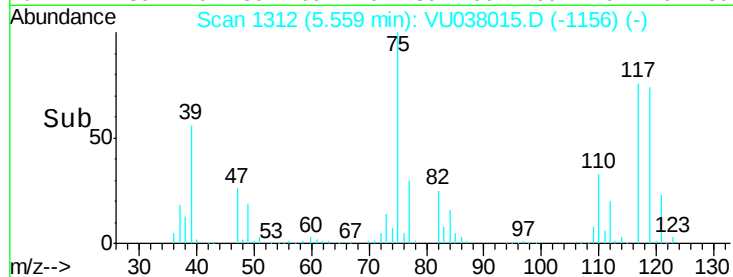
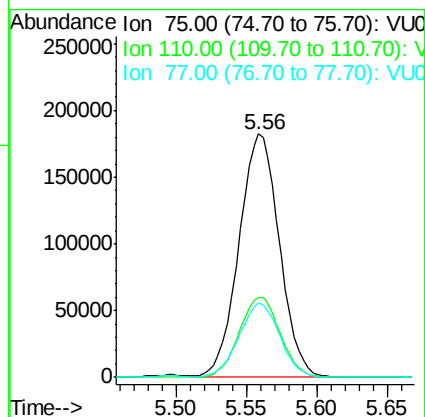
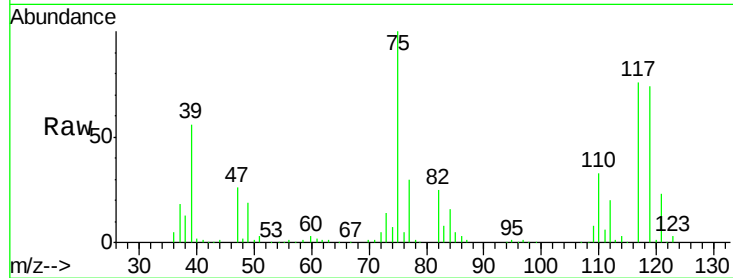
110 33.7 16.7 50.1

77 30.8 24.5 36.7

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#30

Carbon Tetrachloride

Concen: 9.612 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

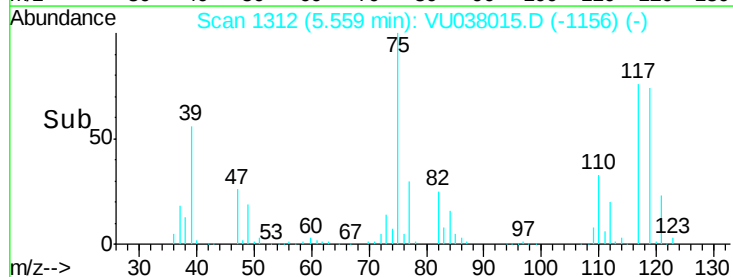
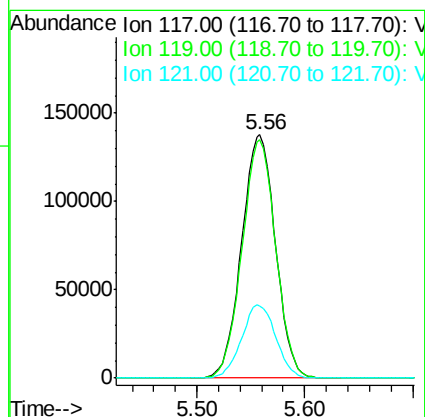
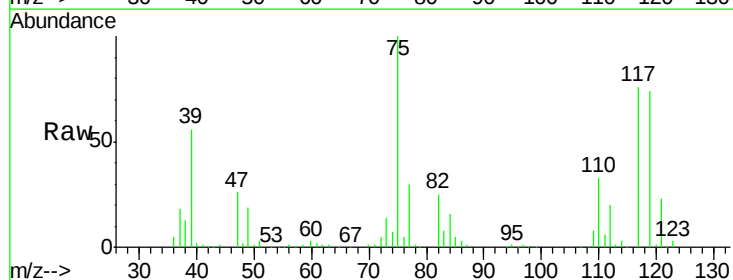
Tgt Ion: 117 Resp: 300058

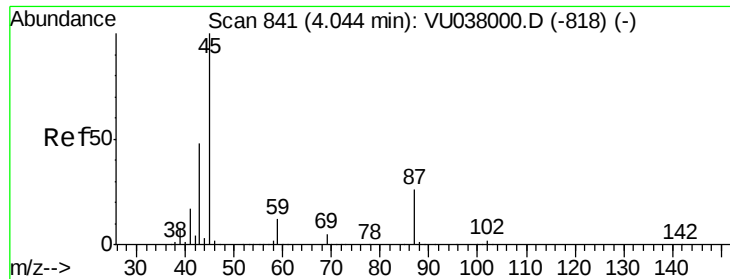
Ion Ratio Lower Upper

117 100

119 98.1 76.3 114.5

121 29.8 24.7 37.1





#31

Isopropyl Ether

Concen: 9.674 ug/l

RT: 4.04 min Scan# 841

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 45 Resp: 768546

Ion Ratio Lower Upper

45 100

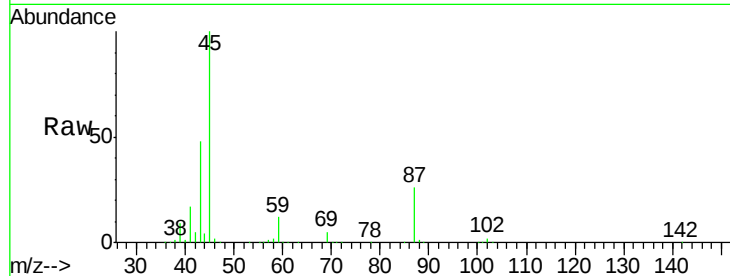
43 48.4 24.2 72.6

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Abundance Ion 45.00 (44.70 to 45.70): VU038015.D (-685) (-)

Ion 43.00 (42.70 to 43.70): VU038015.D (-685) (-)

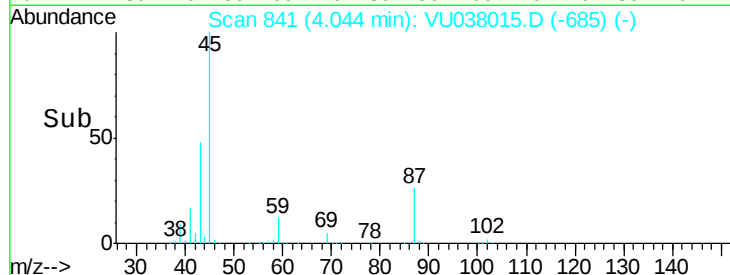
300000

200000

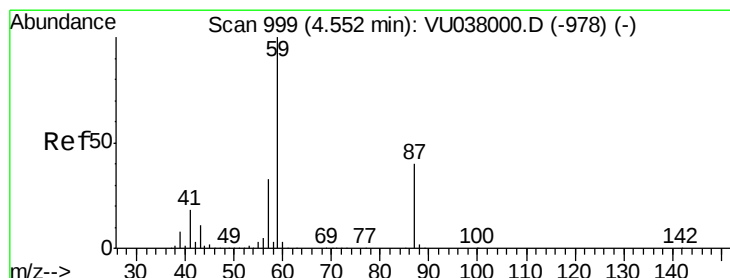
100000

0

Time-->



Time-->



#32

Ethyl-t-butyl ether

Concen: 9.476 ug/l

RT: 4.55 min Scan# 998

Delta R.T. -0.00 min

Lab File: VU038015.D

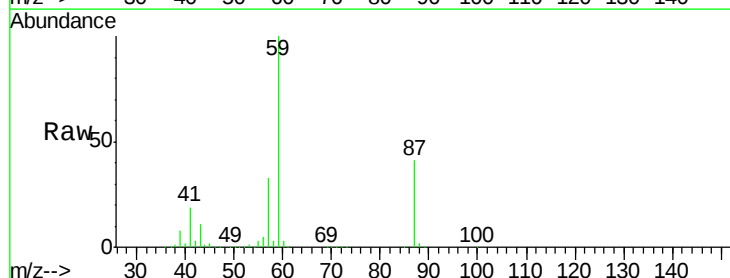
Acq: 05 May 2020 14:15

Tgt Ion: 59 Resp: 679776

Ion Ratio Lower Upper

59 100

87 40.8 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU038015.D (-843) (-)

Ion 87.00 (86.70 to 87.70): VU038015.D (-843) (-)

300000

250000

200000

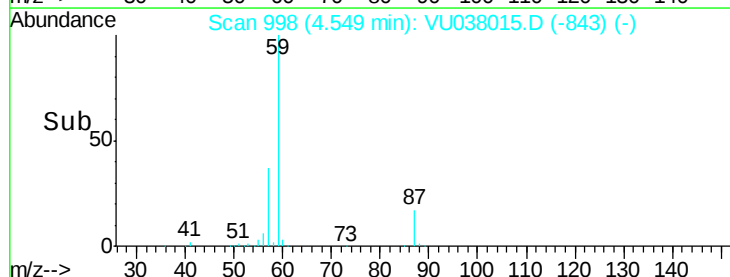
150000

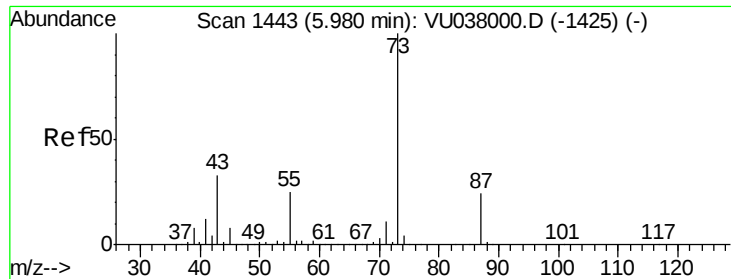
100000

50000

0

Time-->





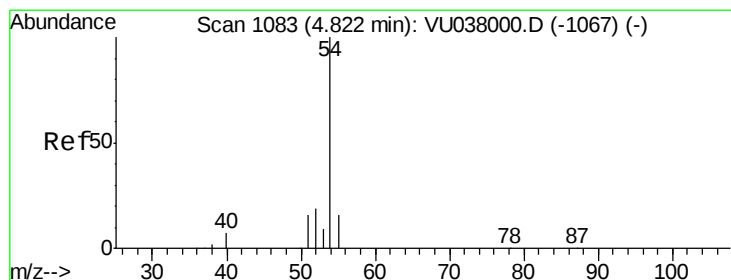
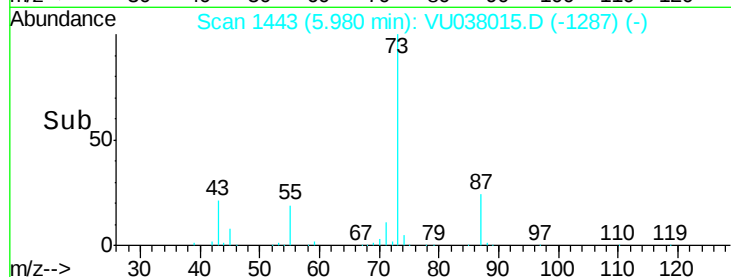
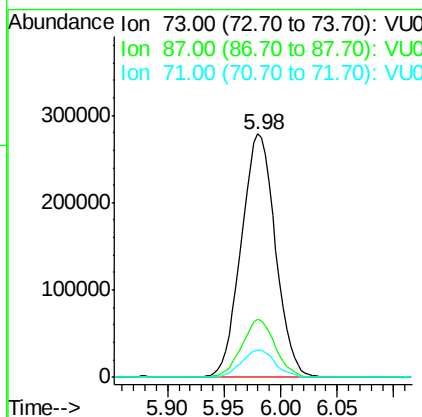
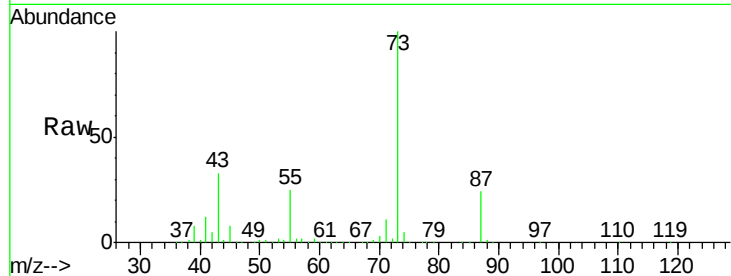
#33
Tert-Butyl methyl ether
Concen: 9.464 ug/l
RT: 5.98 min Scan# 1443
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	73	Resp	585121
Ion	Ratio	Lower	Upper
73	100		
87	23.4	18.9	28.3
71	11.2	9.1	13.7

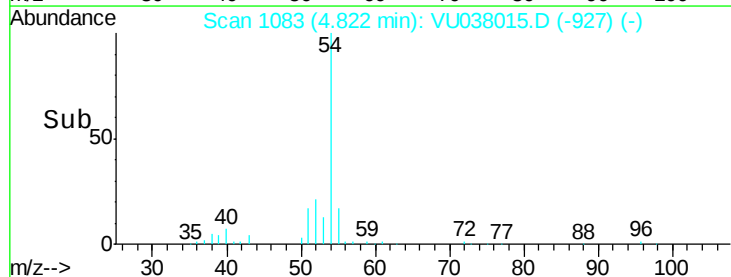
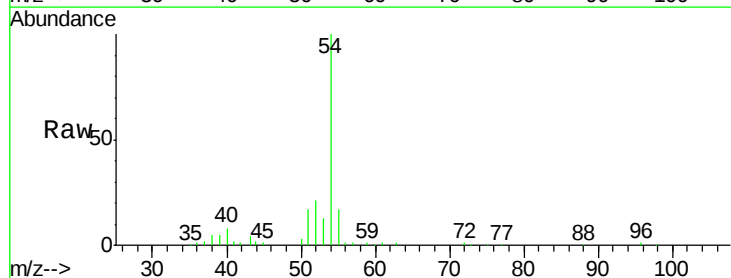
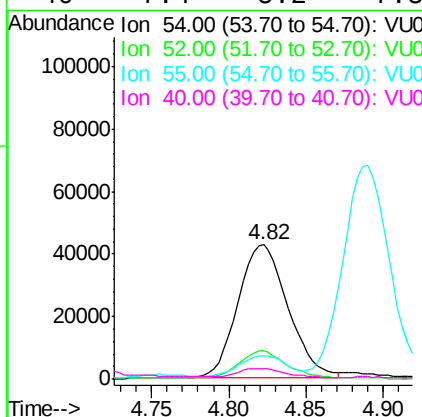
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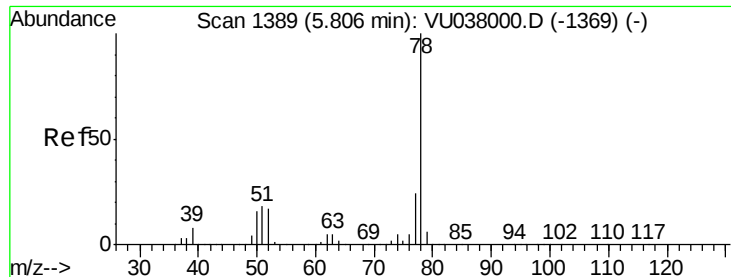
apatel
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#34
Propionitrile
Concen: 43.752 ug/l
RT: 4.82 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion	54	Resp	95529
Ion	Ratio	Lower	Upper
54	100		
52	20.1	15.8	23.8
55	16.9	13.2	19.8
40	7.4	5.2	7.8





#35

Benzene

Concen: 9.748 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 78 Resp: 1024334

Ion Ratio Lower Upper

78 100

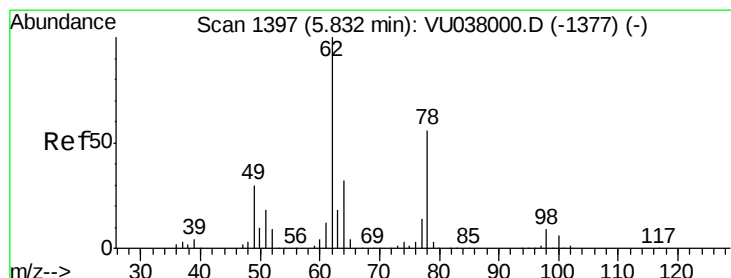
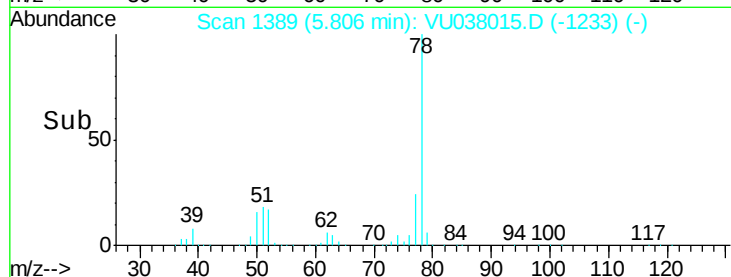
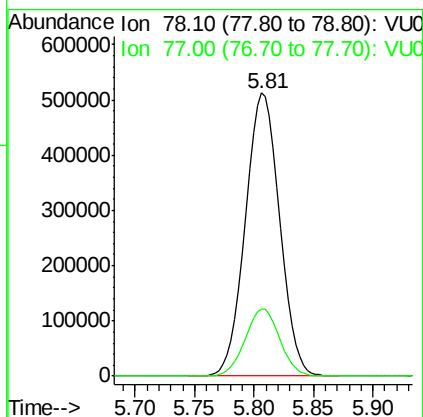
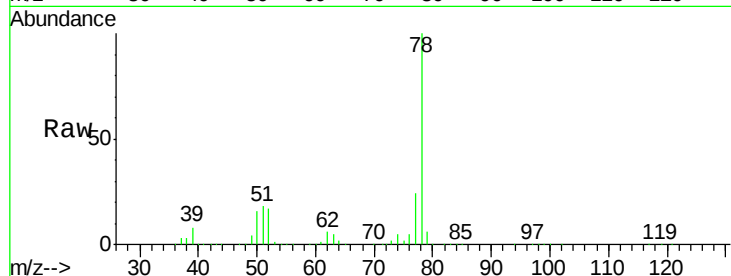
77 23.8 19.3 28.9

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#36

1,2-Dichloroethane

Concen: 9.653 ug/l

RT: 5.83 min Scan# 1396

Delta R.T. -0.00 min

Lab File: VU038015.D

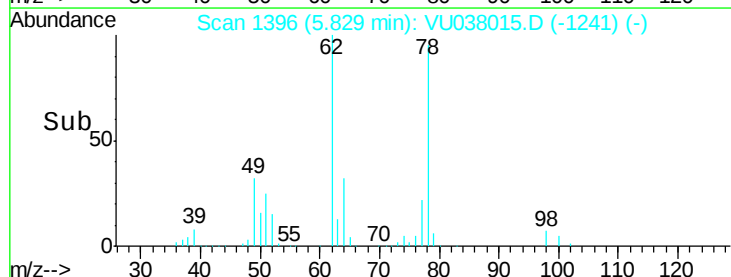
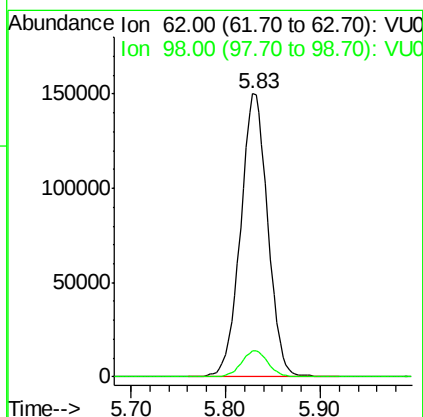
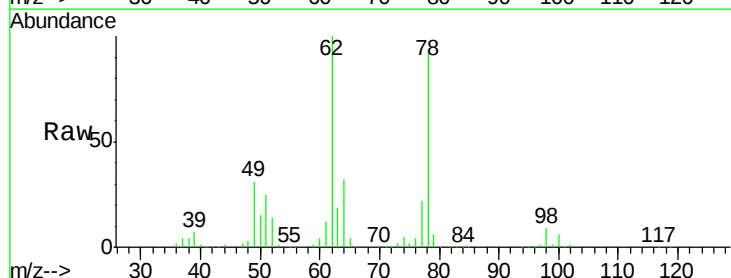
Acq: 05 May 2020 14:15

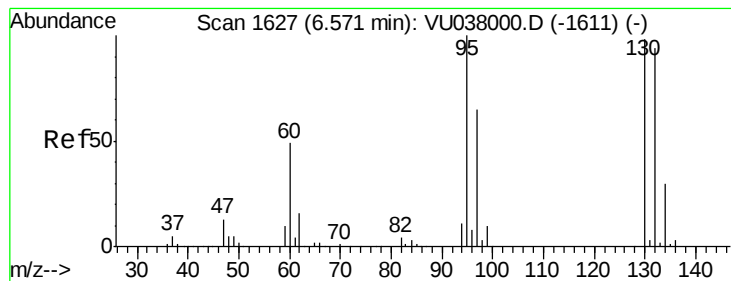
Tgt Ion: 62 Resp: 300083

Ion Ratio Lower Upper

62 100

98 8.9 7.3 10.9





#37

Trichloroethene

Concen: 9.313 ug/l

RT: 6.57 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:130 Resp: 256933

Ion Ratio Lower Upper

130 100

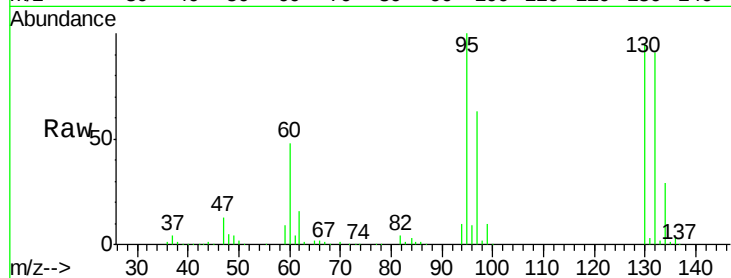
95 105.3 81.6 122.4

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Abundance Ion 129.90 (129.60 to 130.60): VU038015.D (-1471) (-)

Ion 94.90 (94.60 to 95.60): VU038015.D (-1471) (-)

6.57

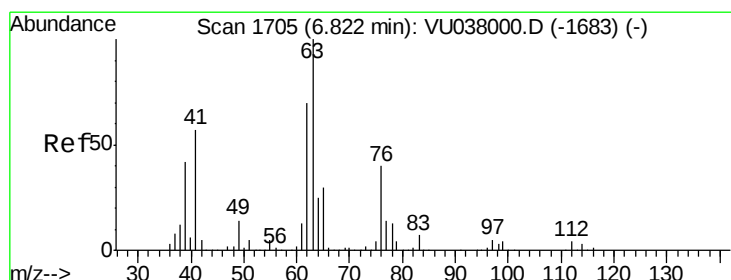
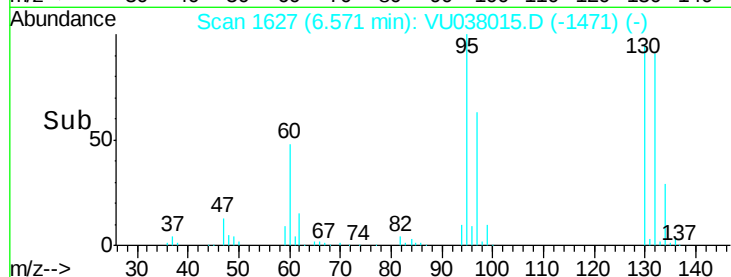
150000

100000

50000

0

Time-->



#38

1,2-Dichloropropane

Concen: 9.700 ug/l

RT: 6.82 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VU038015.D

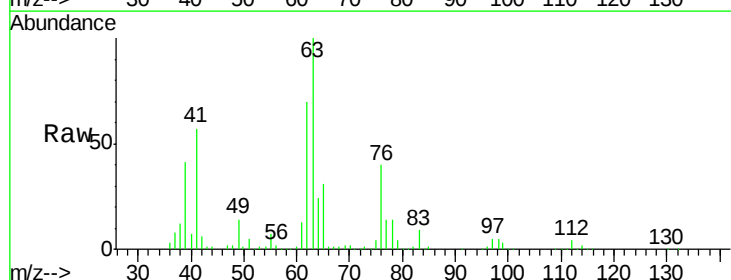
Acq: 05 May 2020 14:15

Tgt Ion: 63 Resp: 274270

Ion Ratio Lower Upper

63 100

65 31.4 24.1 36.1



Abundance Ion 63.00 (62.70 to 63.70): VU038015.D (-1549) (-)

Ion 65.00 (64.70 to 65.70): VU038015.D (-1549) (-)

6.82

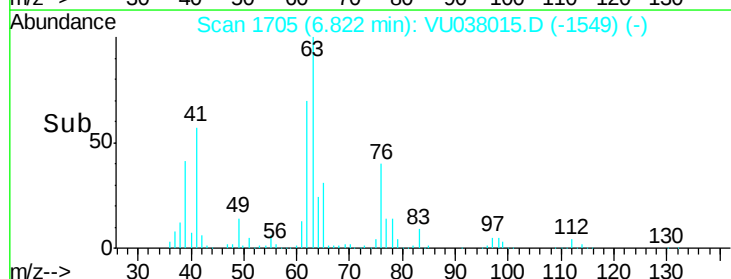
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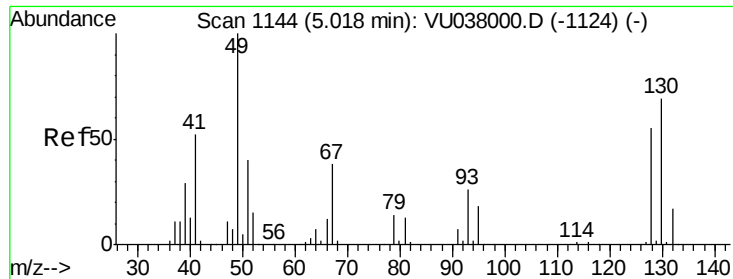
100000

50000

0

Time-->





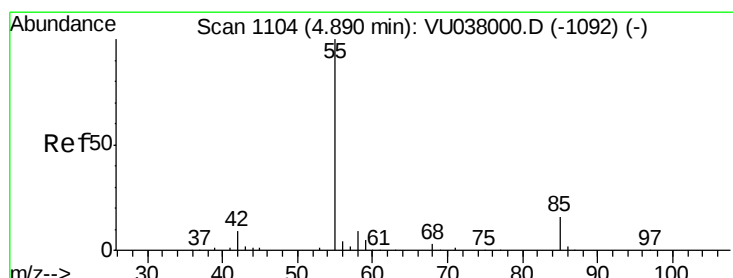
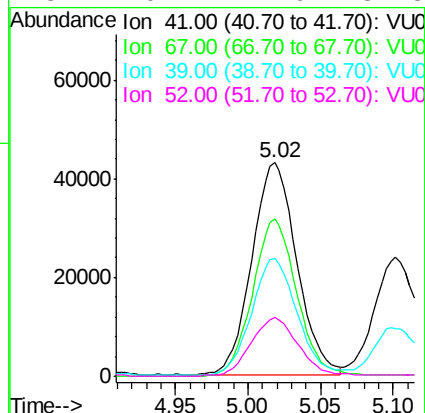
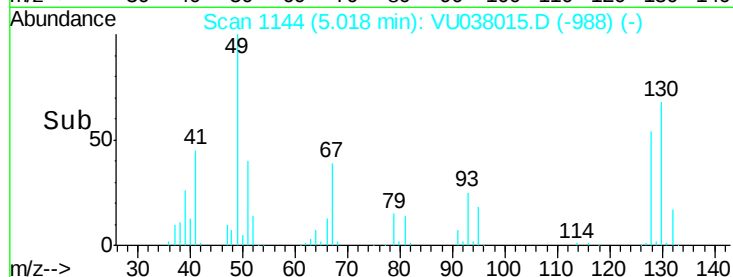
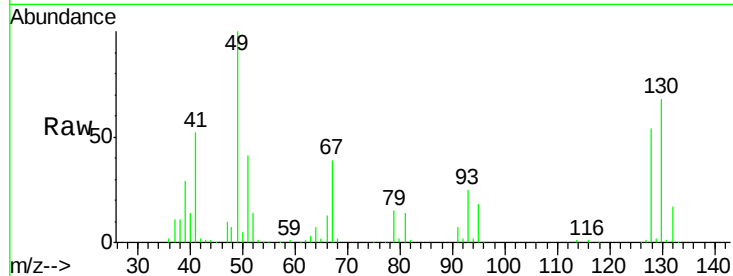
#39
Methacrylonitrile
Concen: 9.122 ug/l
RT: 5.02 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	41	Resp	93296
Ion	Ratio	Lower	Upper
41	100		
67	72.6	58.0	87.0
39	54.8	43.2	64.8
52	29.2	22.9	34.3

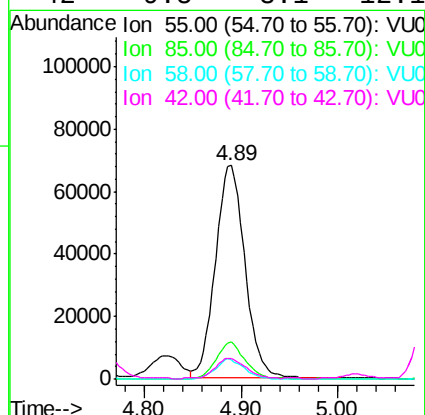
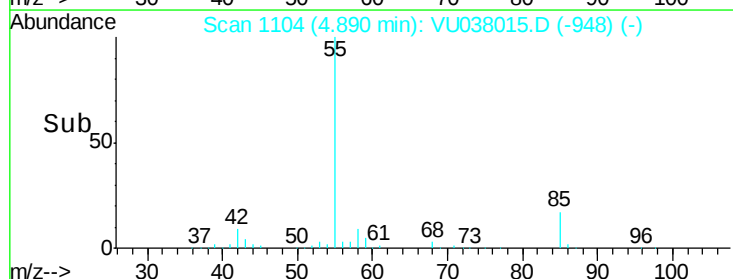
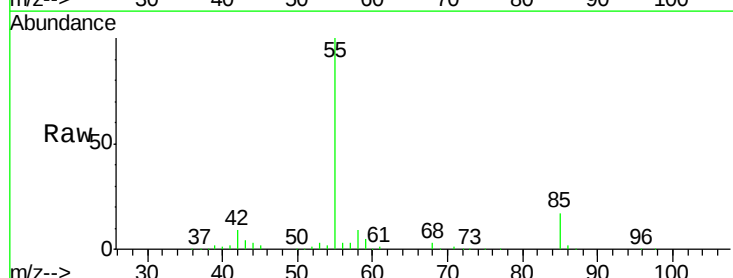
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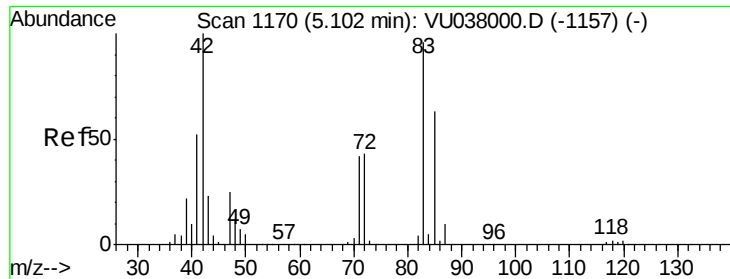
apatel
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#40
Methyl acrylate
Concen: 9.585 ug/l
RT: 4.89 min Scan# 1104
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion	55	Resp	144453
Ion	Ratio	Lower	Upper
55	100		
85	17.0	12.9	19.3
58	9.1	7.2	10.8
42	9.5	8.1	12.1





#41

Tetrahydrofuran

Concen: 17.548 ug/l

RT: 5.10 min Scan# 1170

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

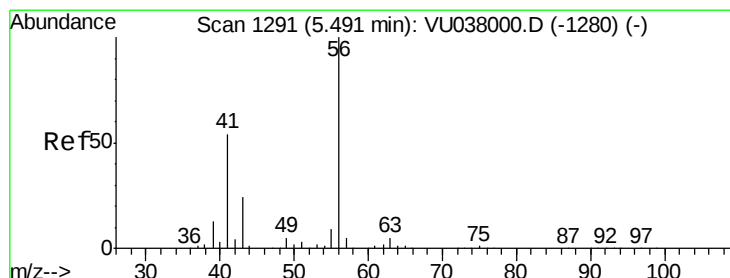
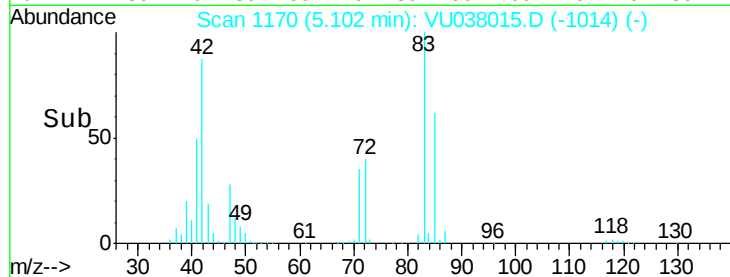
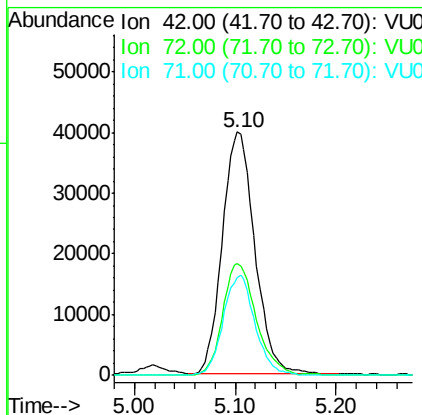
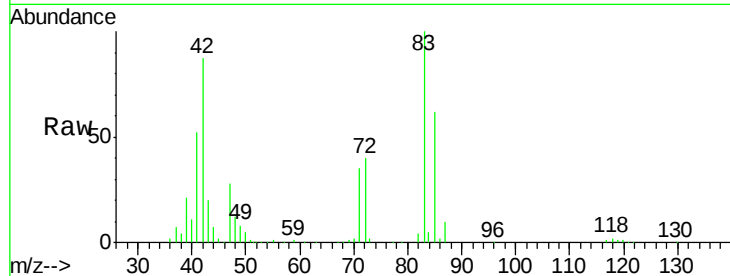
ClientSampleId :

VSTDCCC010EC

Tot Ion:	42	Resp:	89520
Ion	Ratio	Lower	Upper
42	100		
72	47.6	37.4	56.2
71	40.5	32.8	49.2

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#42

1-Chlorobutane

Concen: 9.791 ug/l

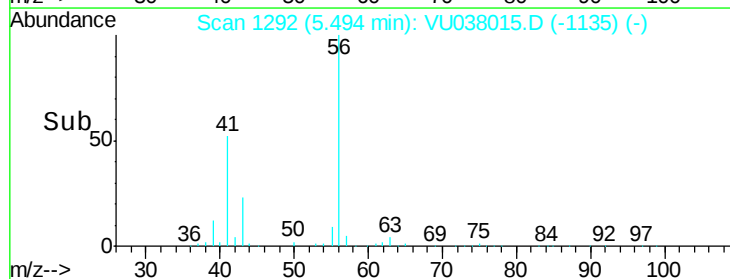
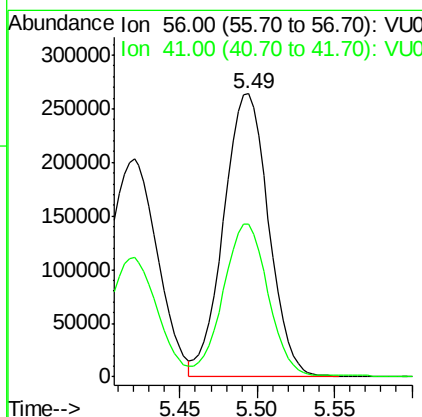
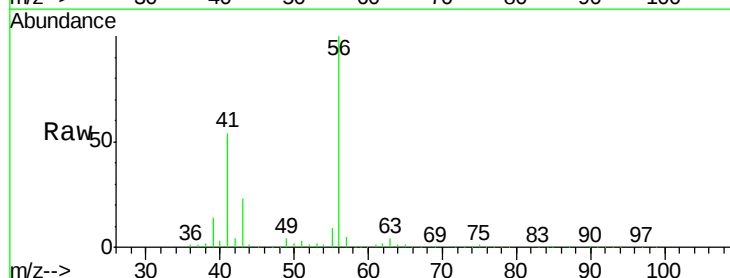
RT: 5.49 min Scan# 1292

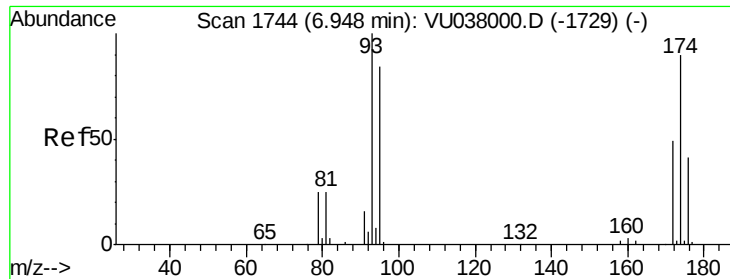
Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Tgt Ion:	56	Resp:	529707
Ion	Ratio	Lower	Upper
56	100		
41	53.4	26.8	80.4





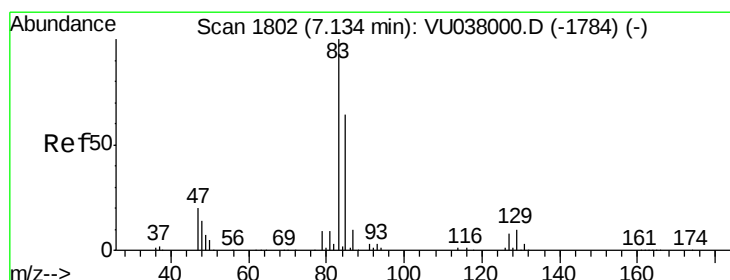
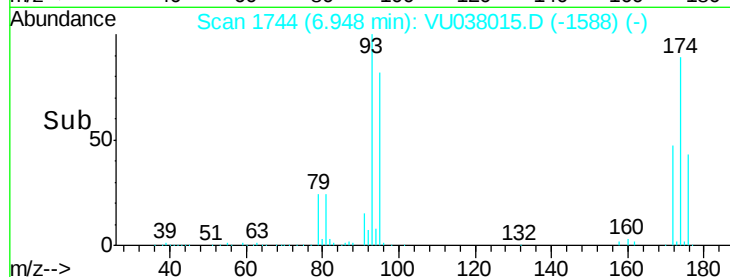
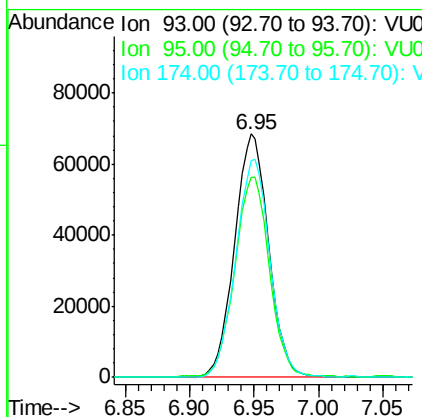
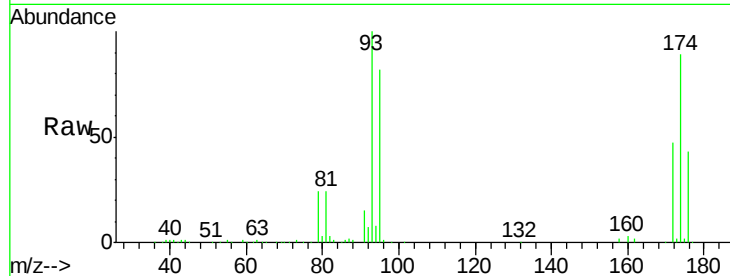
#43
Dibromomethane
Concen: 9.550 ug/l
RT: 6.95 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	93	Resp	125793
Ion Ratio	Lower	Upper	
93	100		
95	82.6	66.1	99.1
174	90.1	72.8	109.2

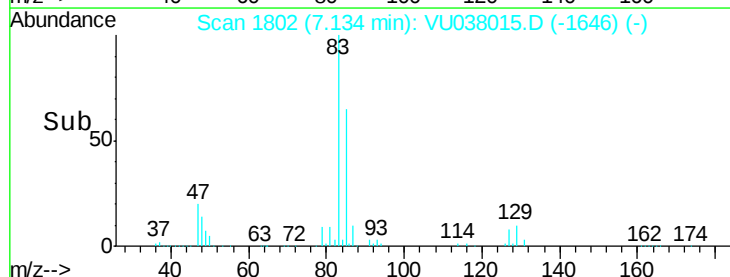
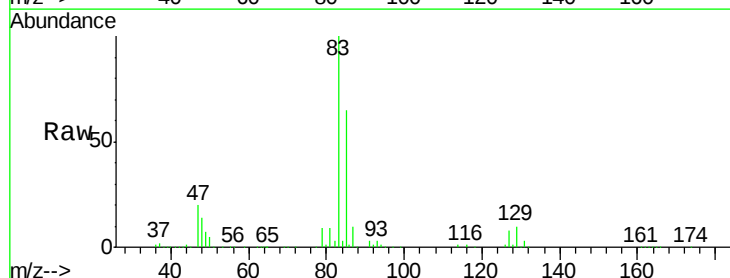
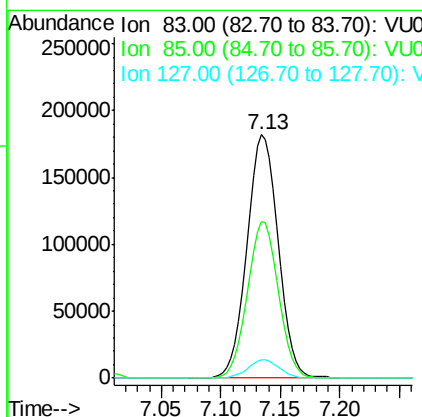
Manual Integrations
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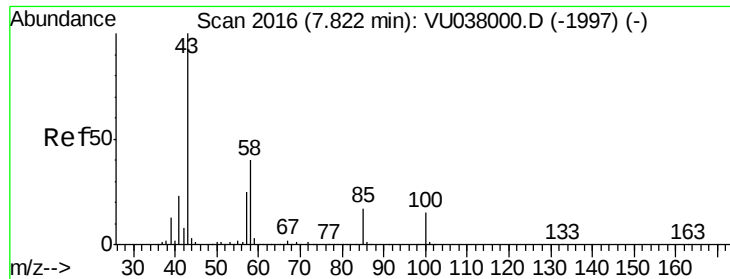
apatel
5/6/2020 10:39:40 AM



#44
Bromodichloromethane
Concen: 9.963 ug/l
RT: 7.13 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion	83	Resp	329628
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.4	77.0
127	7.6	6.2	9.2





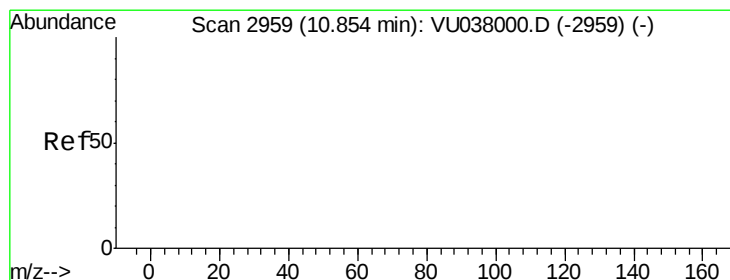
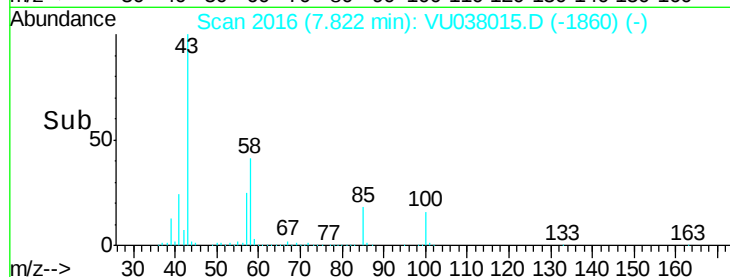
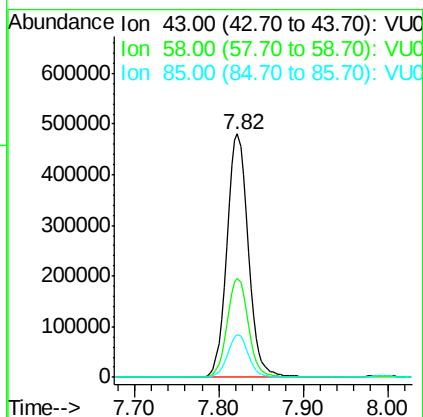
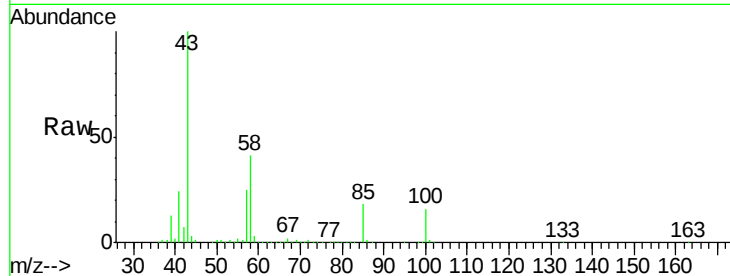
#45
4-Methyl-2-Pentanone
Concen: 47.129 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.5	20.1	60.3
85	17.1	13.7	20.5

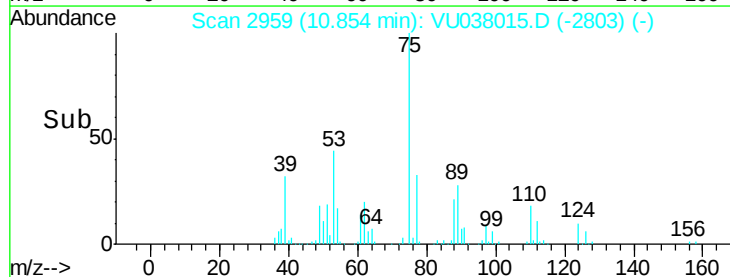
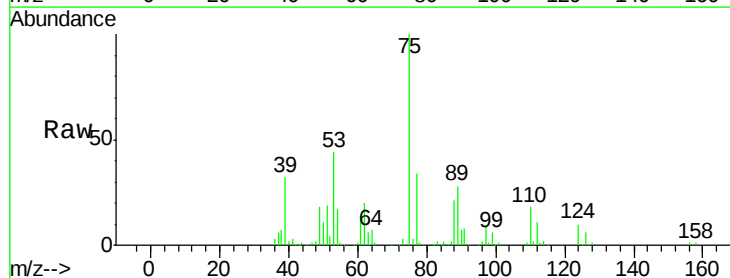
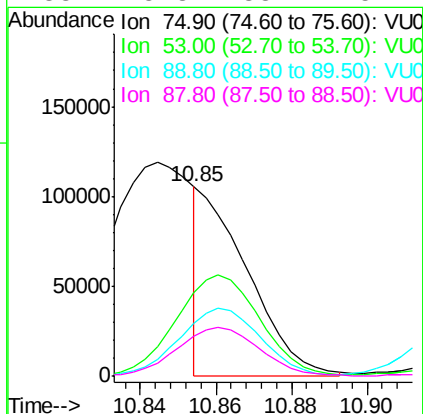
Manual Integrations
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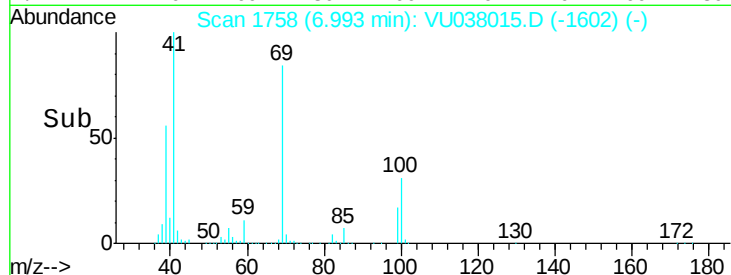
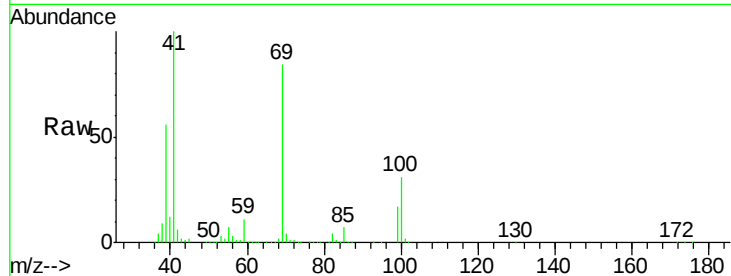
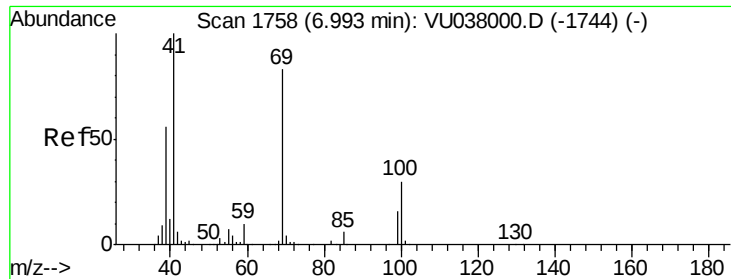
apatel
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#46
t-1,4-Dichloro-2-butene
Concen: 16.386 ug/l m
RT: 10.85 min Scan# 2959
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.8	81.1	121.7
89	62.4	53.2	79.8
88	45.3	38.2	57.2





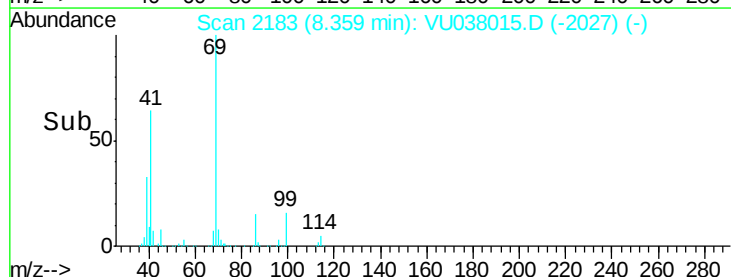
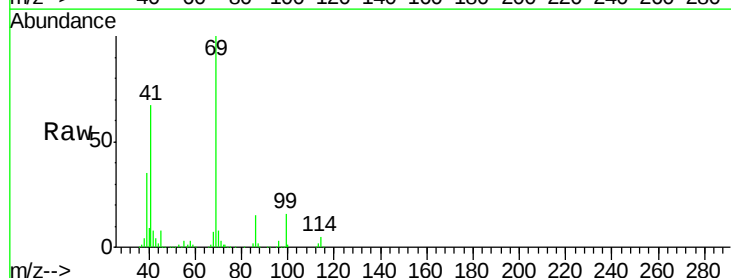
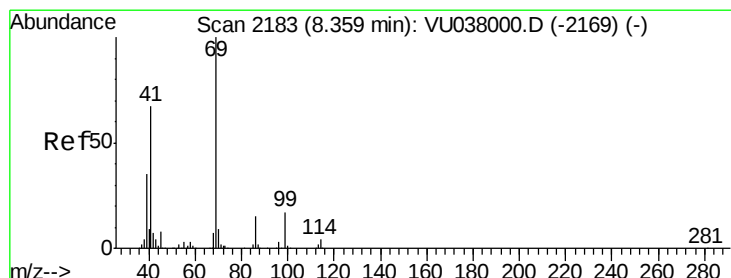
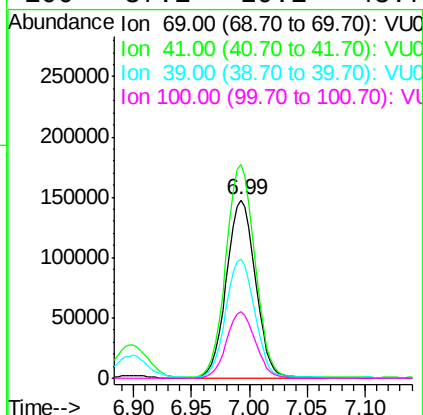
#47
Methyl methacrylate
Concen: 19.131 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	119.3	0.0	241.6		
39	66.0	52.9	79.3		
100	37.1	29.1	43.7		

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

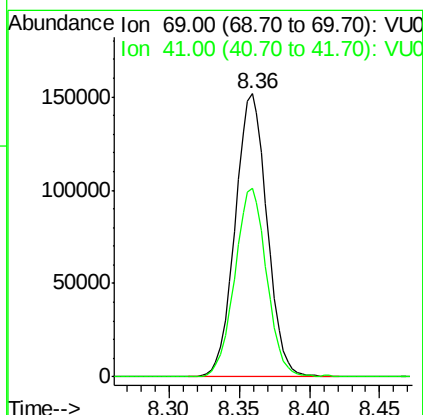
Manual Integrations
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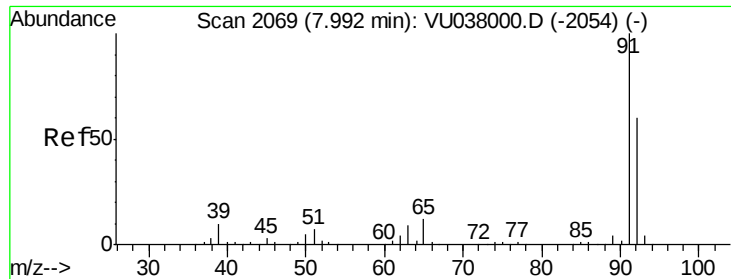
apatel
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#48
Ethyl methacrylate
Concen: 9.705 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

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





#49

Toluene

Concen: 9.898 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 92 Resp: 657587

Ion Ratio Lower Upper

92 100

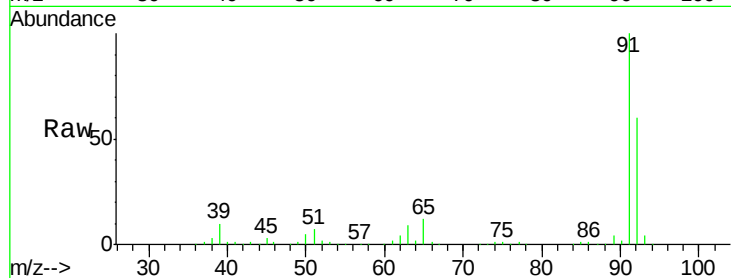
91 167.9 134.4 201.6

Manual Integrations

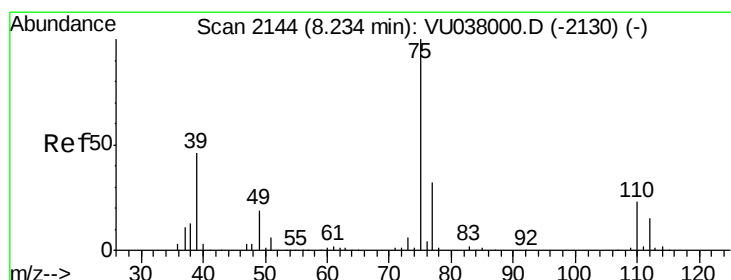
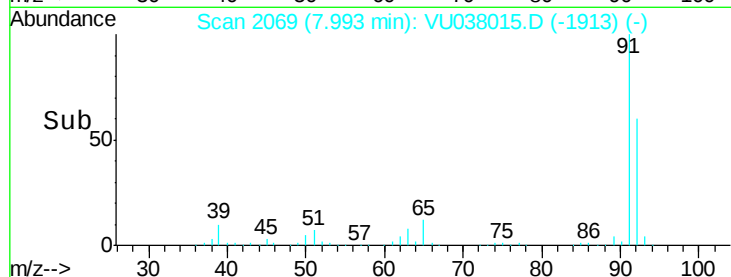
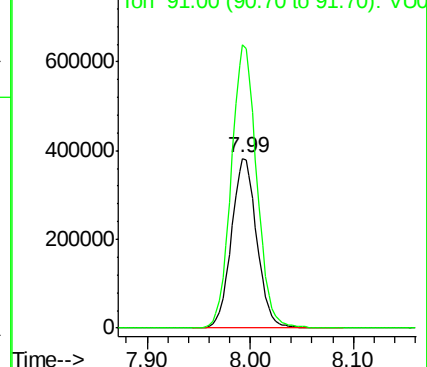
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Abundance Ion 92.00 (91.70 to 92.70): VU038015.D (-1913) (-)



#50

t-1,3-Dichloropropene

Concen: 9.619 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038015.D

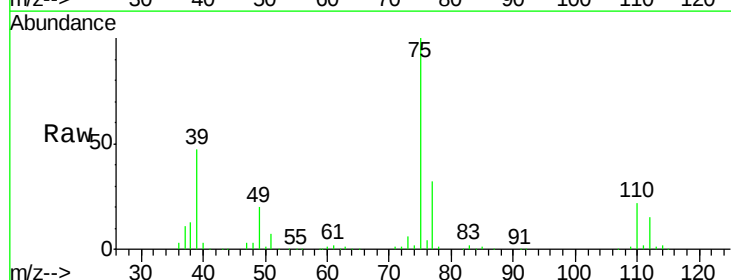
Acq: 05 May 2020 14:15

Tgt Ion: 75 Resp: 325103

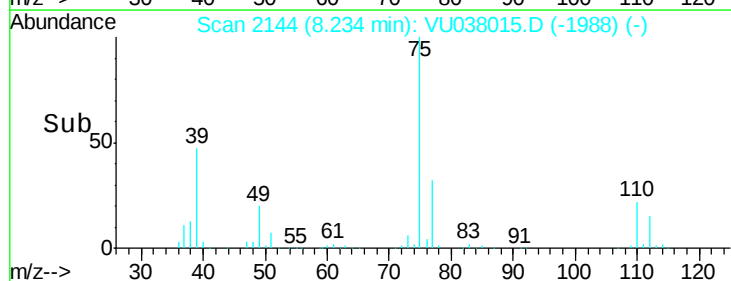
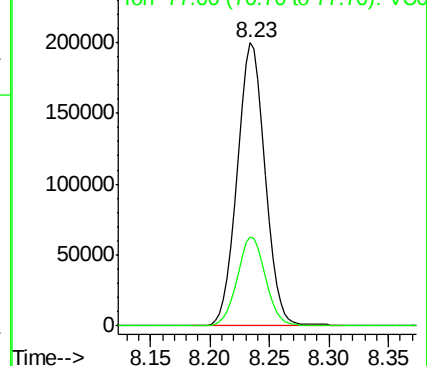
Ion Ratio Lower Upper

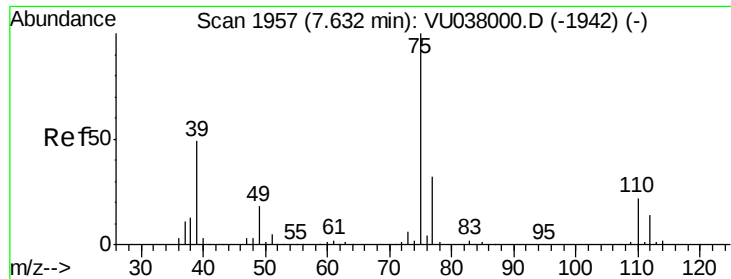
75 100

77 31.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038015.D (-1988) (-)





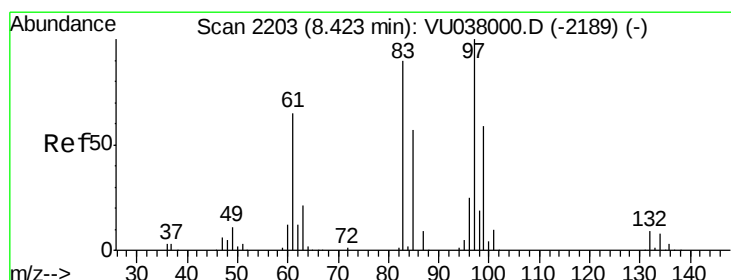
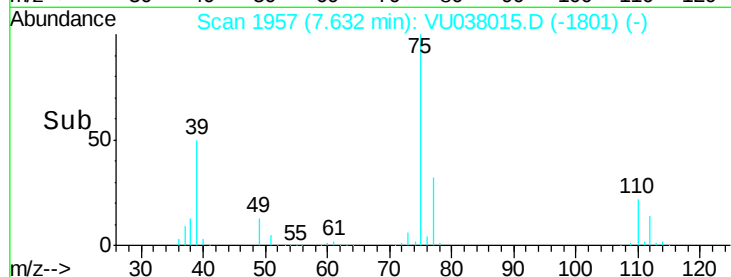
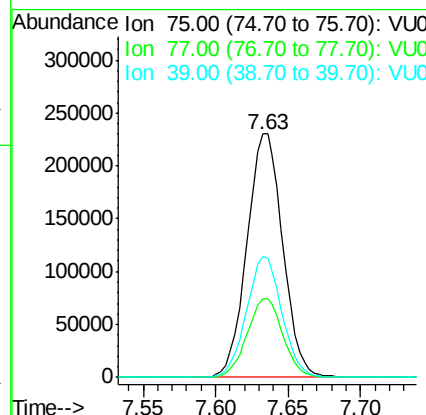
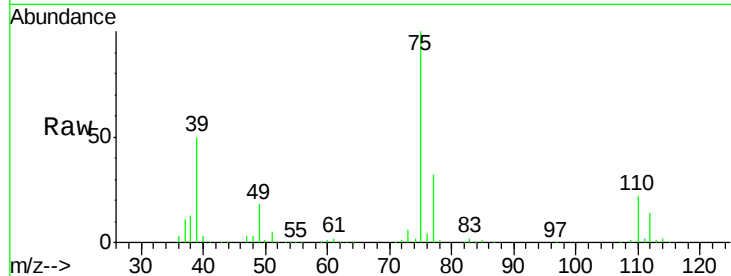
#51
 cis-1,3-Dichloropropene
 Concen: 9.735 ug/l
 RT: 7.63 min Scan# 1957
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:	75	Resp:	395156
Ion Ratio	Lower	Upper	
75	100		
77	32.1	25.5	38.3
39	49.7	39.0	58.4

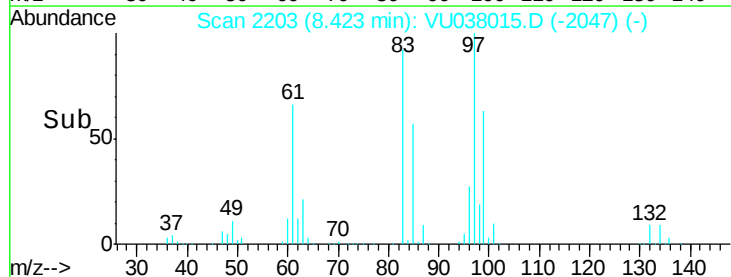
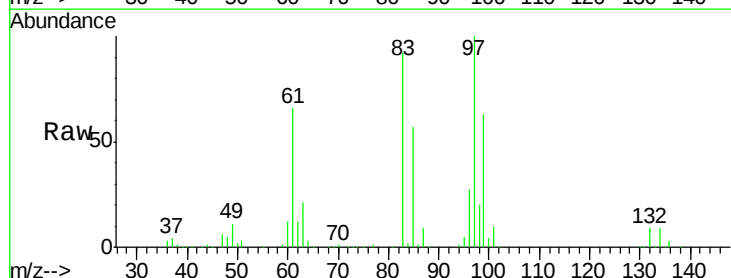
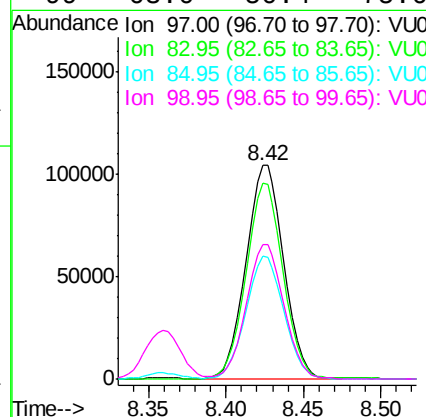
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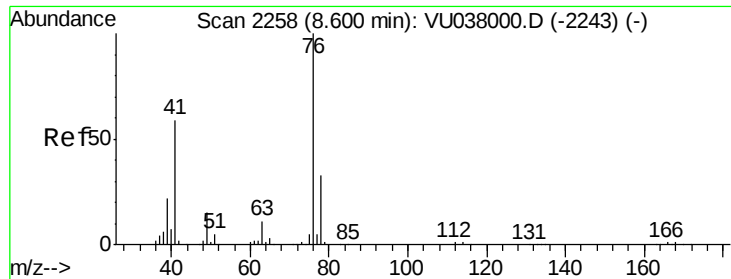
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#52
 1,1,2-Trichloroethane
 Concen: 9.432 ug/l
 RT: 8.42 min Scan# 2203
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion:	97	Resp:	175937
Ion Ratio	Lower	Upper	
97	100		
83	92.0	72.4	108.6
85	57.1	46.0	69.0
99	63.0	50.4	75.6





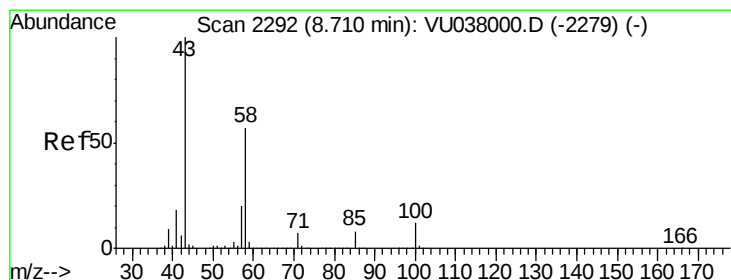
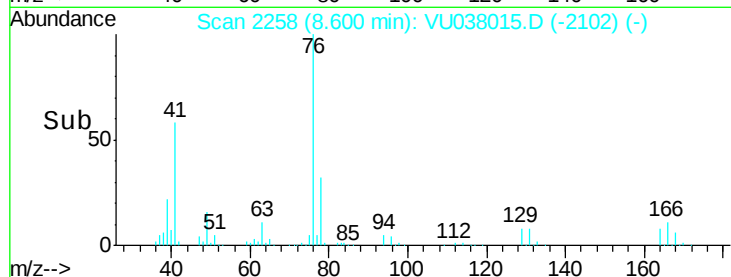
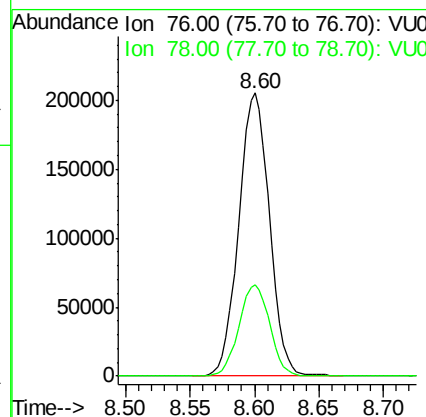
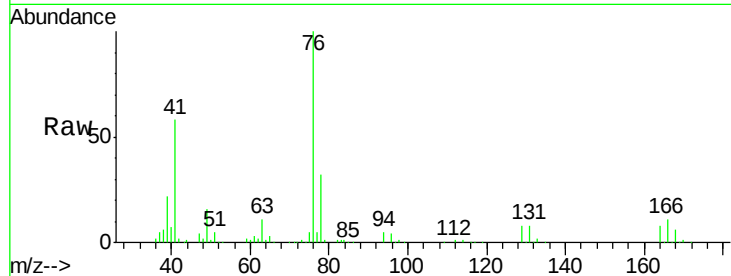
#53
 1,3-Dichloropropane
 Concen: 9.693 ug/l
 RT: 8.60 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

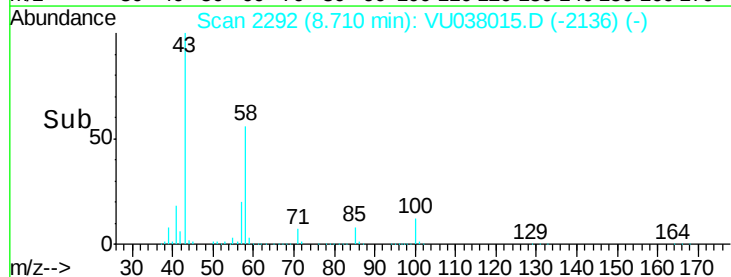
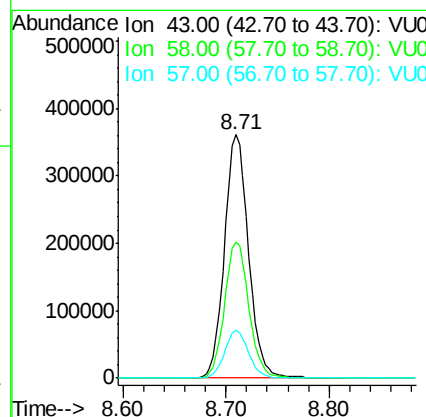
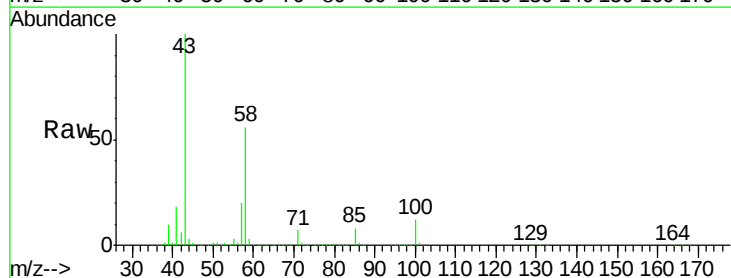
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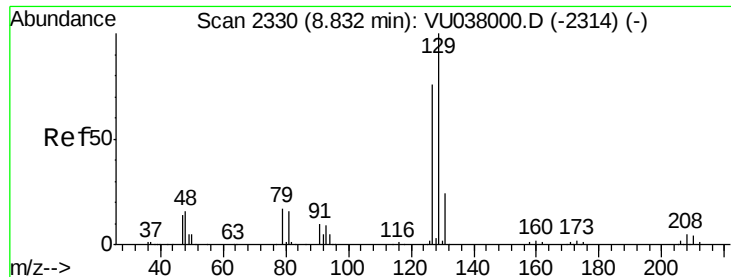
apatel
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#54
 2-Hexanone
 Concen: 46.265 ug/l
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.6	36.5	76.5
57	19.4	0.0	39.5





#55

Dibromochloromethane

Concen: 9.675 ug/l

RT: 8.84 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:129 Resp: 199963

Ion Ratio Lower Upper

129 100

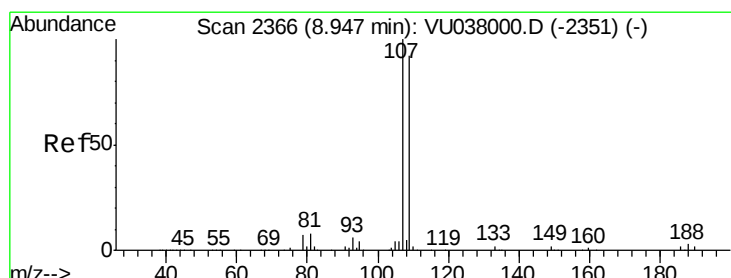
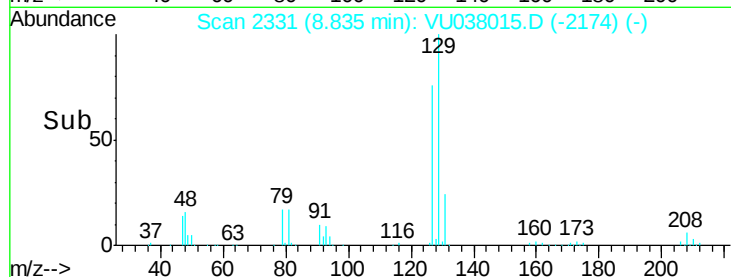
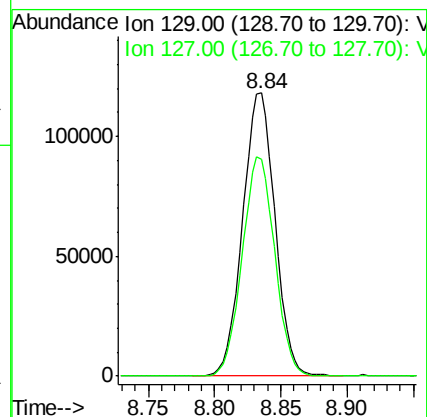
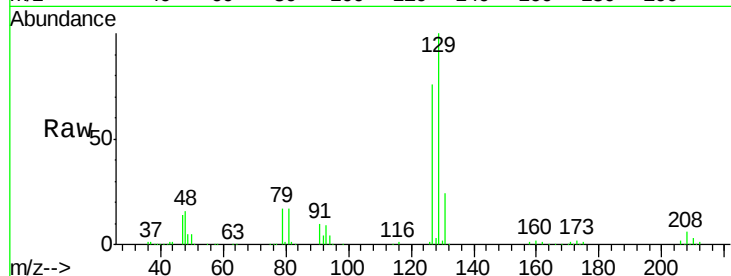
127 77.9 62.2 93.2

Manual Integrations

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#56

1,2-Dibromoethane

Concen: 9.385 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU038015.D

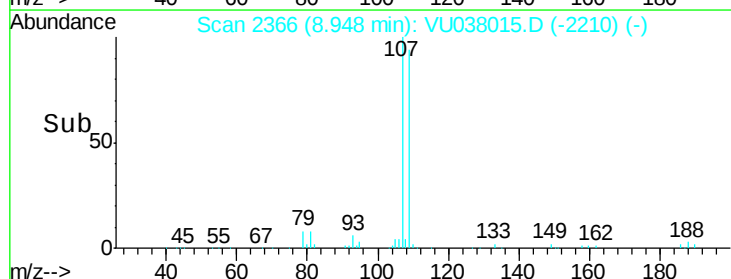
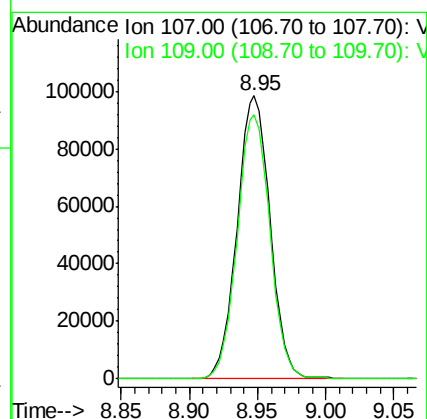
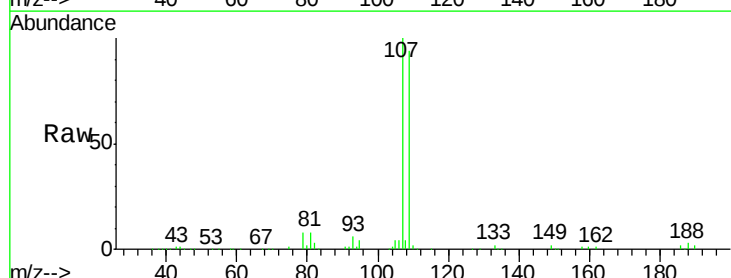
Acq: 05 May 2020 14:15

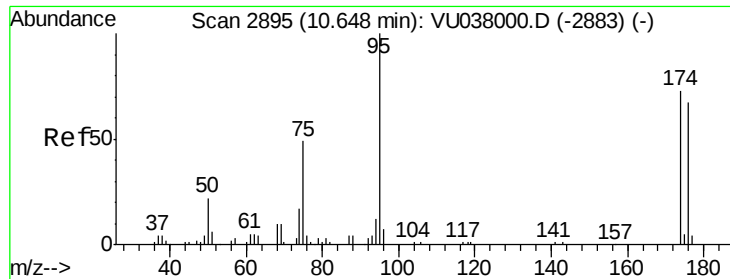
Tgt Ion:107 Resp: 165129

Ion Ratio Lower Upper

107 100

109 93.5 0.0 184.6





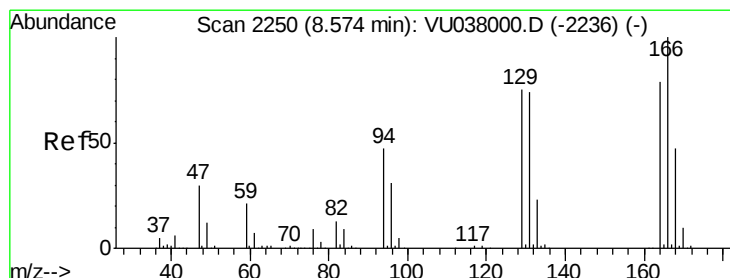
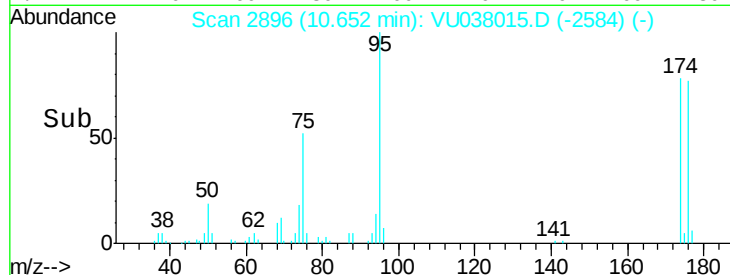
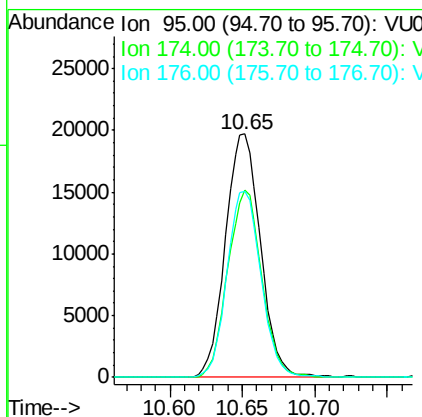
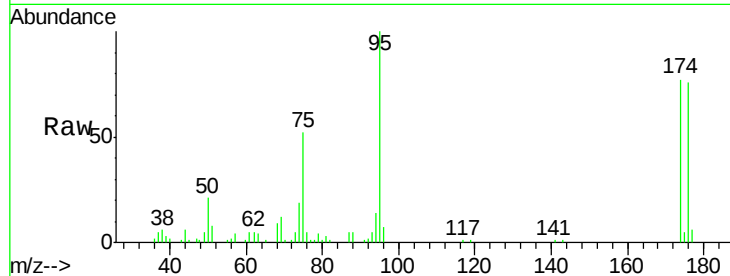
#57
 4-Bromofluorobenzene
 Concen: 0.957 ug/l
 RT: 10.65 min Scan# 2896
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampled :
 VSTDCCC010EC

Tot Ion	95	Resp	33062
Ion Ratio	100	Lower	Upper
95	100		
174	74.4	61.2	91.8
176	73.9	57.1	85.7

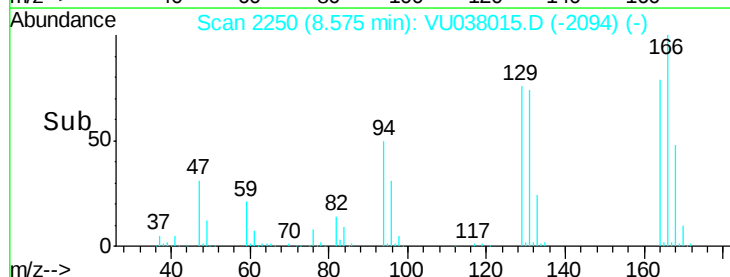
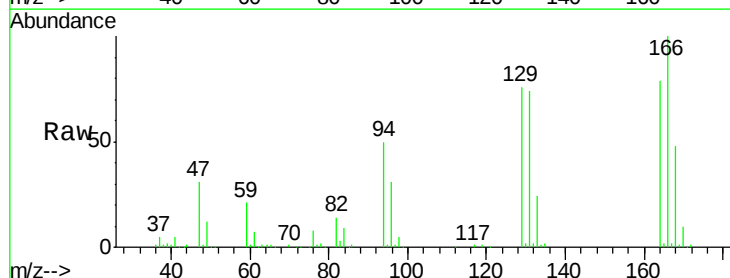
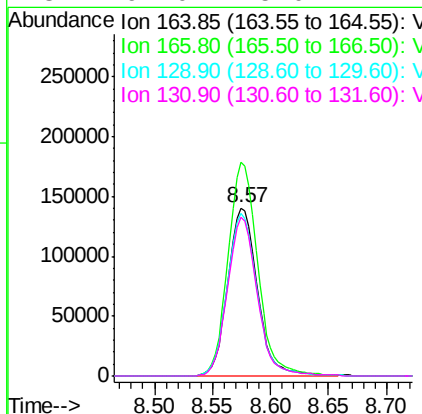
Manual Integrations
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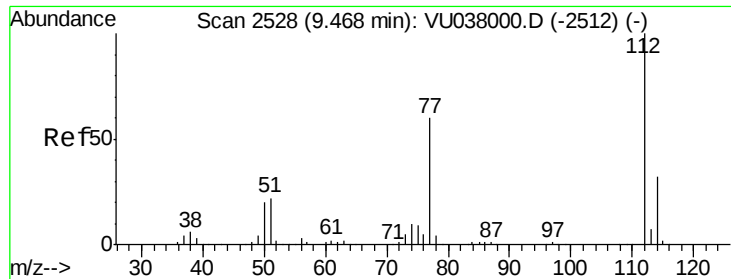
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#58
 Tetrachloroethene
 Concen: 9.616 ug/l
 RT: 8.57 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion	164	Resp	247615
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
164	100		
166	127.0	101.5	152.3
129	96.6	76.6	114.8
131	94.0	75.0	112.4





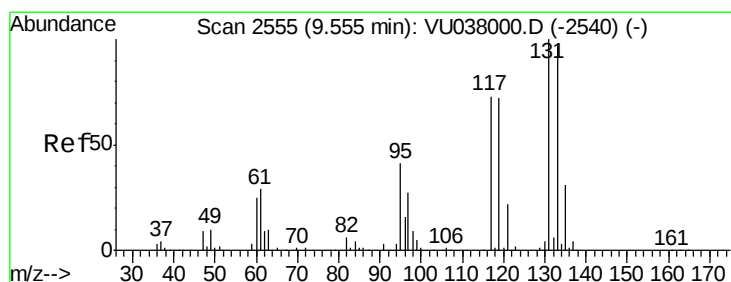
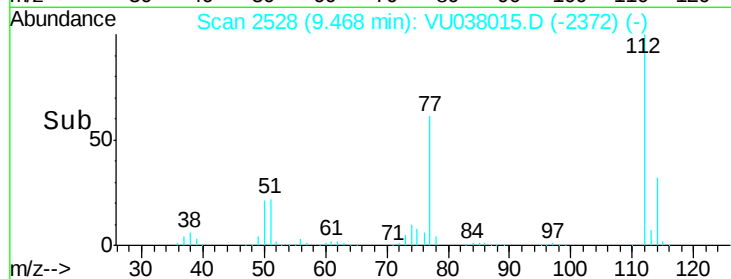
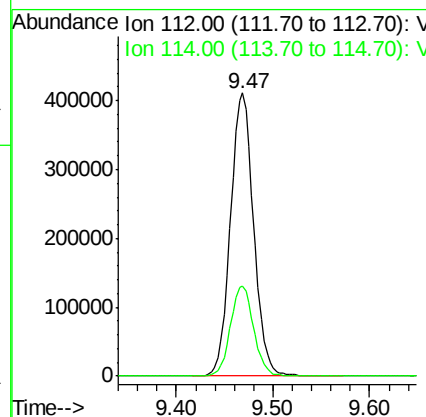
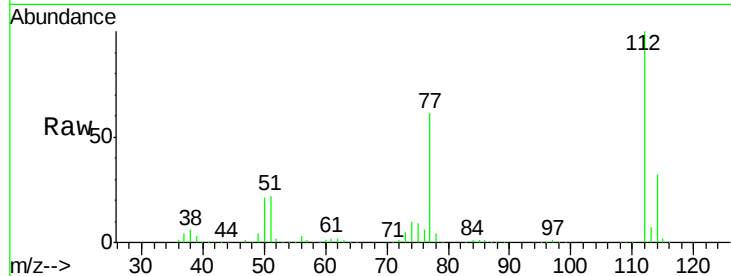
#59
Chlorobenzene
Concen: 9.693 ug/l
RT: 9.47 min Scan# 2528
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:112 Resp: 683704
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

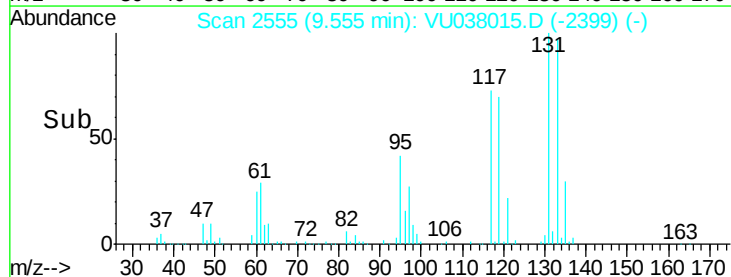
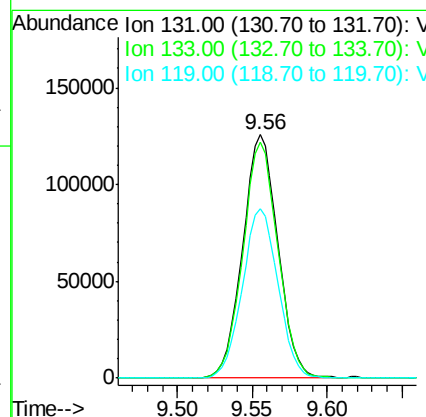
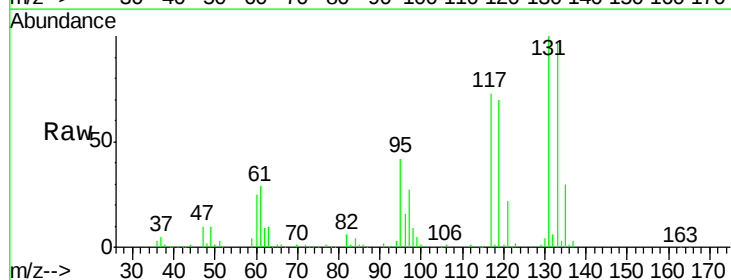
Manual Integrations
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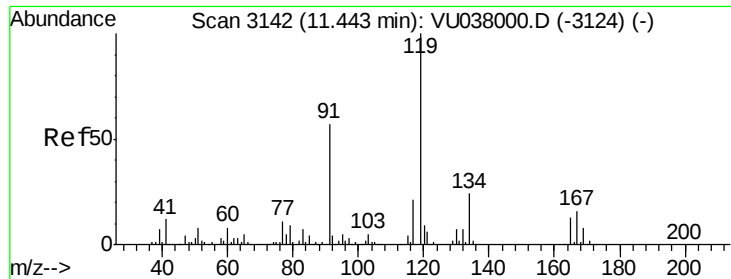
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#60
1,1,1,2-Tetrachloroethane
Concen: 9.640 ug/l
RT: 9.56 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion:131 Resp: 206434
Ion Ratio Lower Upper
131 100
133 96.3 76.8 115.2
119 70.2 56.7 85.1





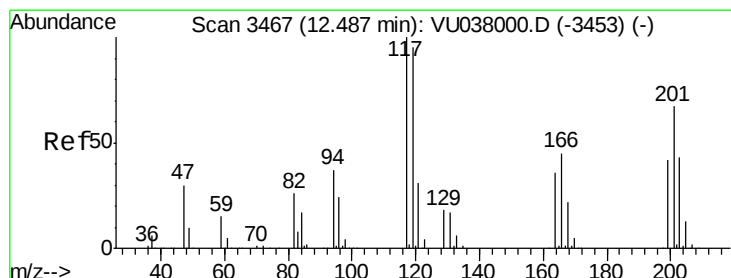
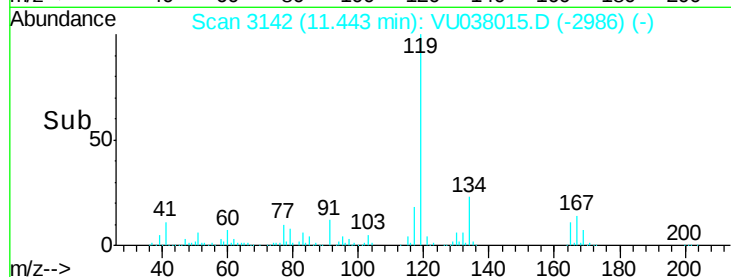
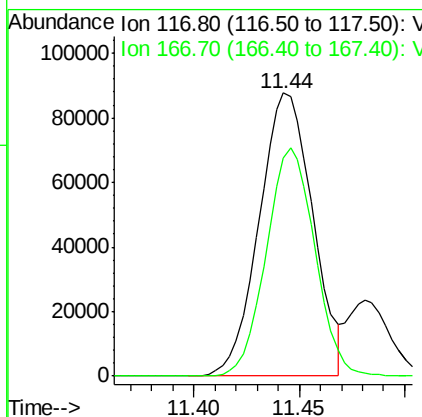
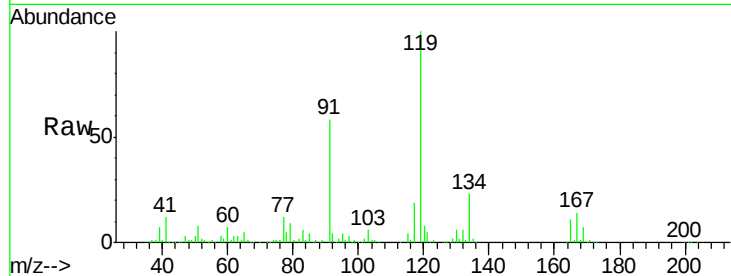
#61
 Pentachloroethane
 Concen: 9.660 ug/l
 RT: 11.44 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:117 Resp: 154953
 Ion Ratio Lower Upper
 117 100
 167 73.3 60.3 90.5

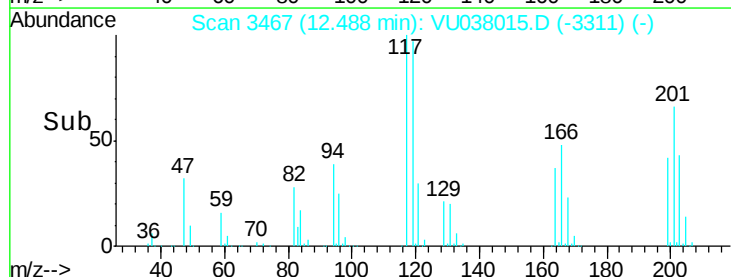
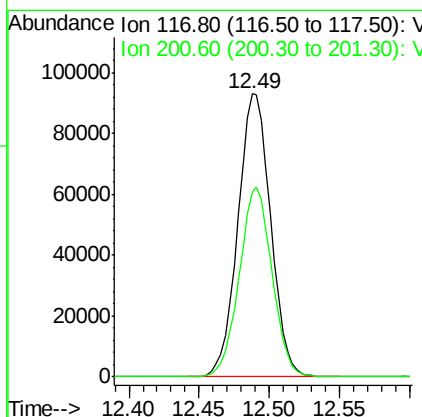
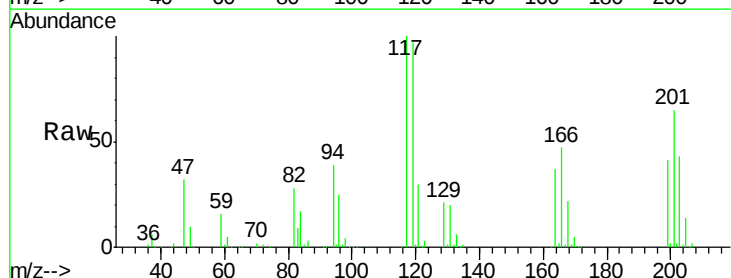
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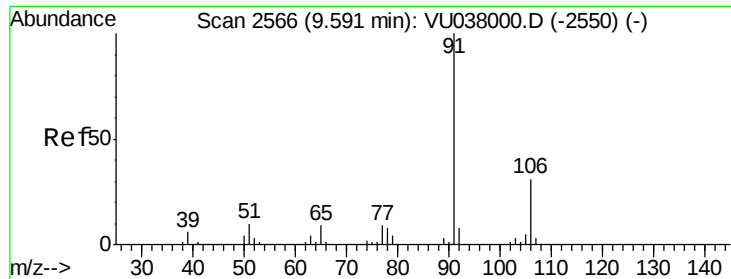
apatel
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#62
 Hexachloroethane
 Concen: 9.080 ug/l
 RT: 12.49 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion:117 Resp: 151602
 Ion Ratio Lower Upper
 117 100
 201 67.0 54.7 82.1





#63

Ethyl Benzene

Concen: 9.906 ug/l

RT: 9.59 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 1243188

Ion Ratio Lower Upper

91 100

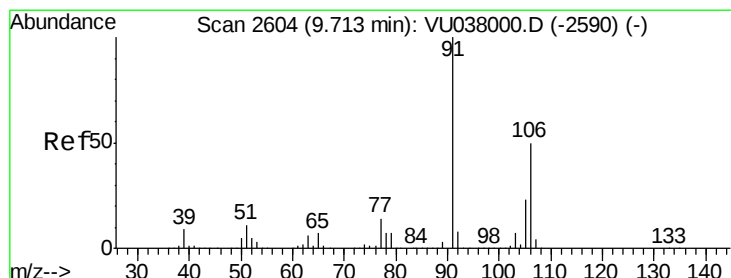
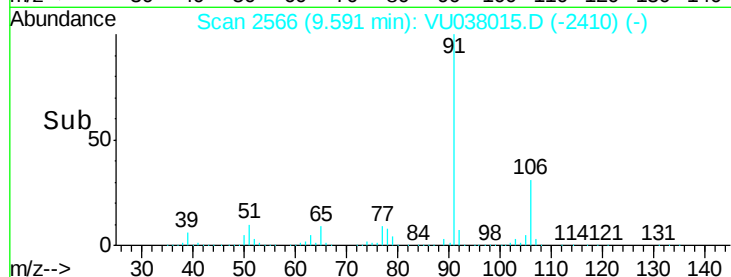
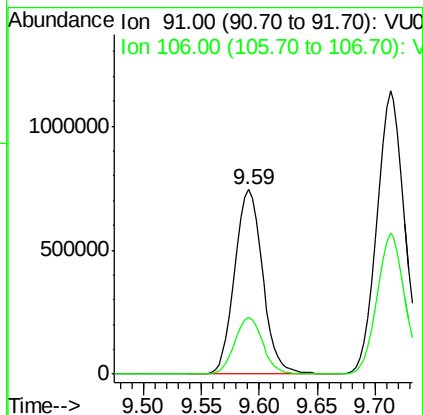
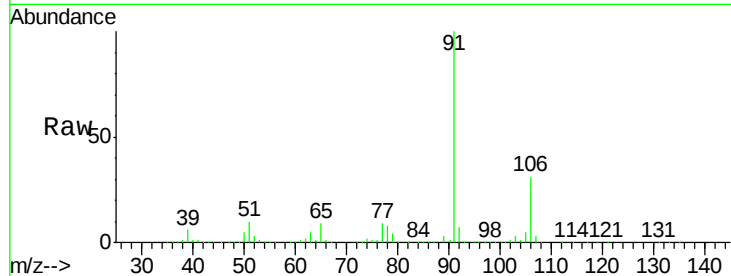
106 30.8 24.9 37.3

Manual Integrations

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#64

m/p-Xylenes

Concen: 20.063 ug/l

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU038015.D

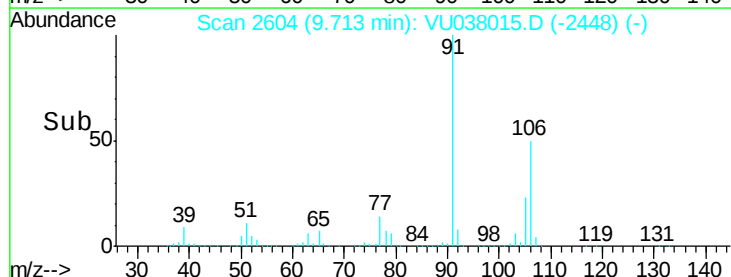
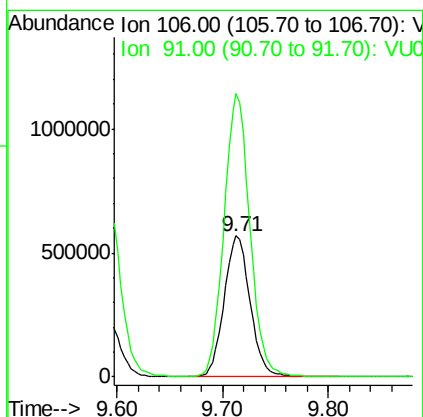
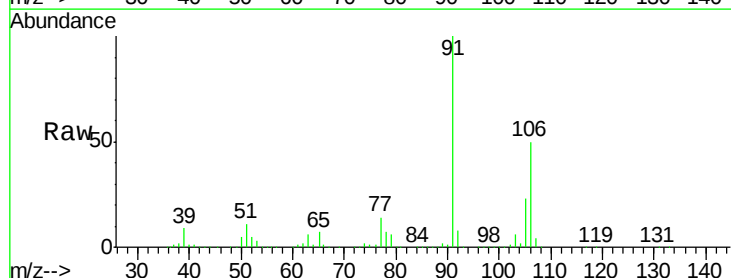
Acq: 05 May 2020 14:15

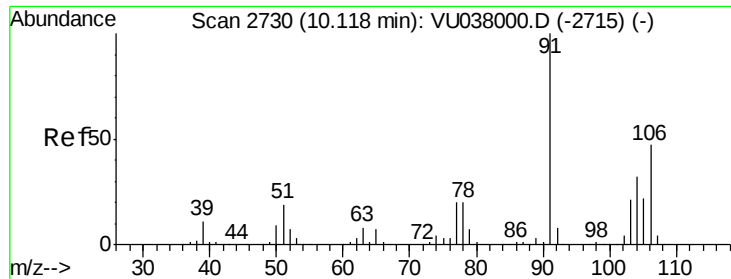
Tgt Ion: 106 Resp: 969099

Ion Ratio Lower Upper

106 100

91 199.0 159.5 239.3





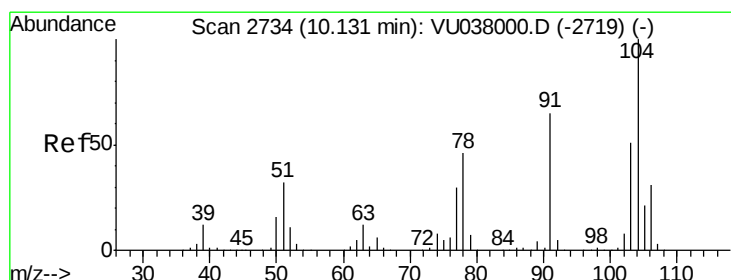
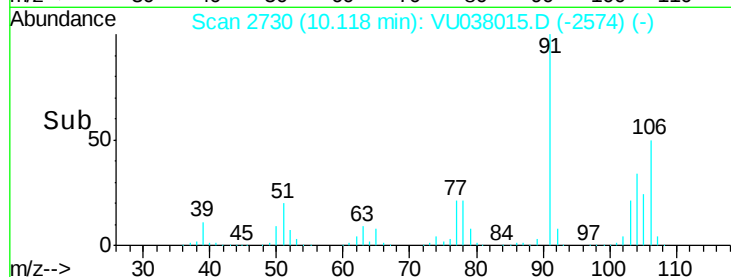
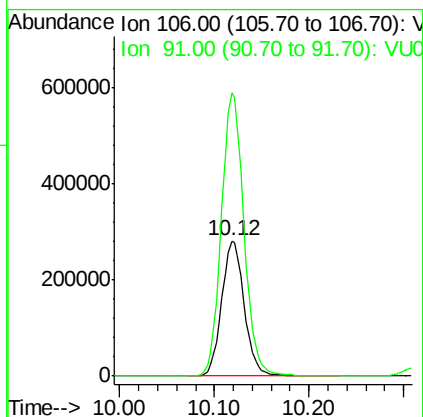
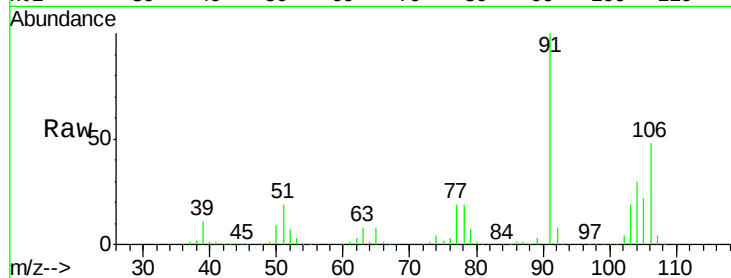
#65
o-Xylene
Concen: 9.909 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:106 Resp: 466534
Ion Ratio Lower Upper
106 100
91 209.5 105.7 317.0

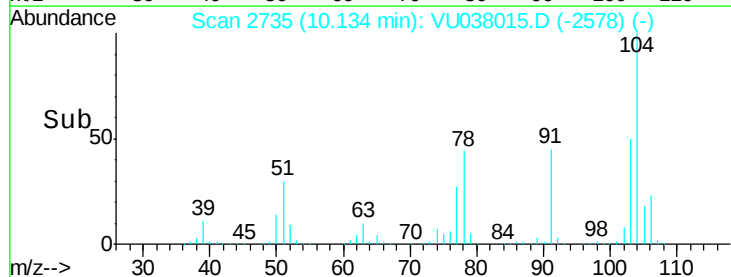
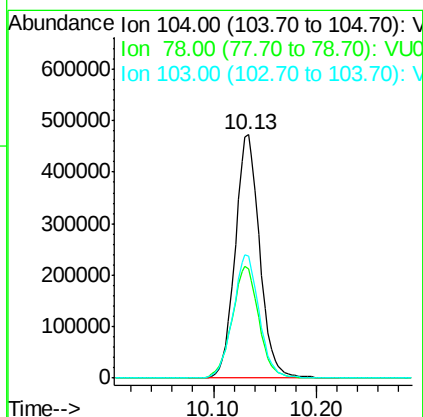
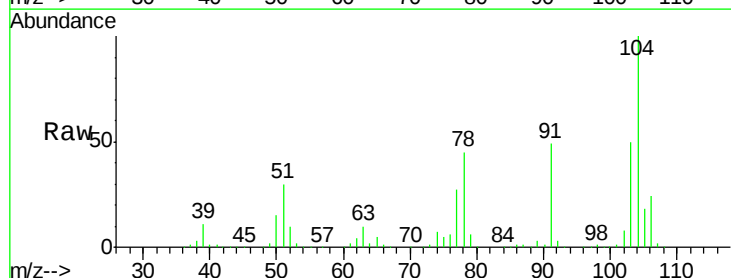
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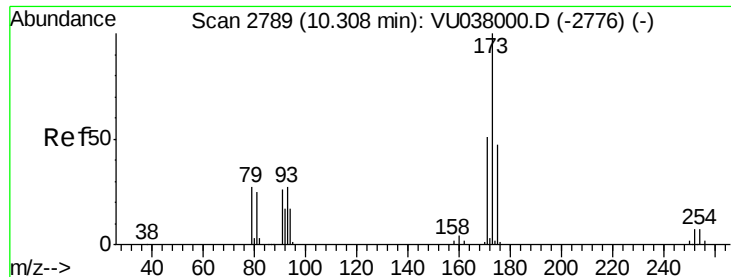
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#66
Styrene
Concen: 10.112 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion:104 Resp: 784457
Ion Ratio Lower Upper
104 100
78 49.9 39.9 59.9
103 54.0 43.4 65.2





#67

Bromoform

Concen: 9.613 ug/l

RT: 10.31 min Scan# 2790

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

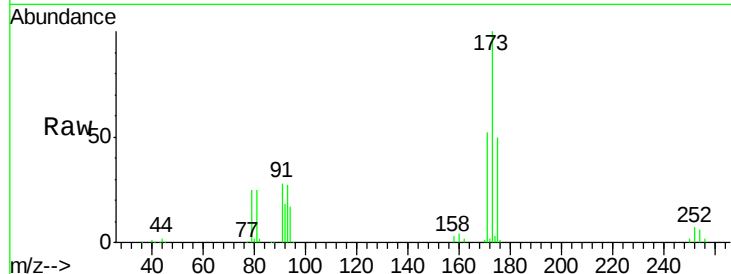
ClientSampleId :

VSTDCCC010EC

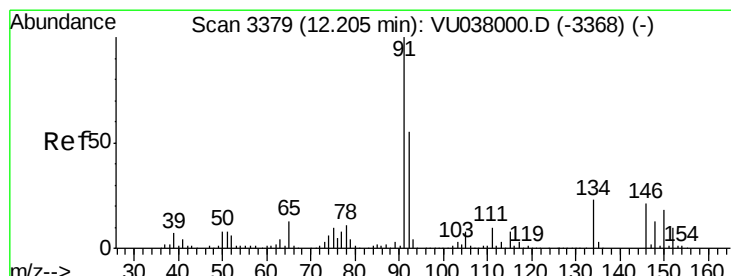
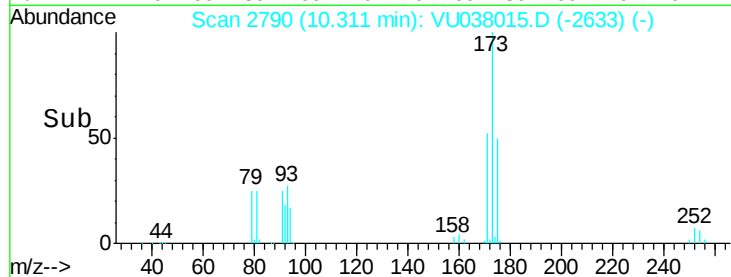
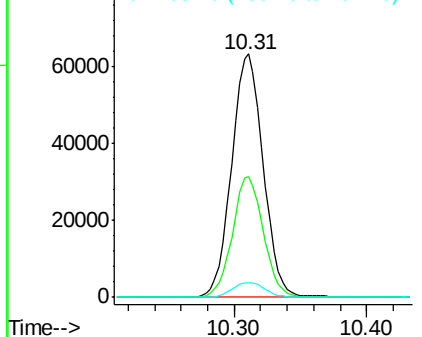
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	37.6	56.4
254	6.3	5.5	8.3

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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: 0.944 ug/l

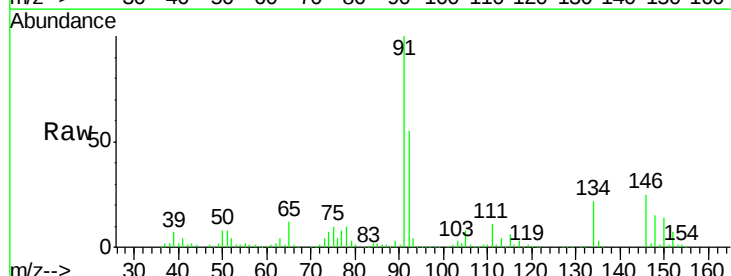
RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

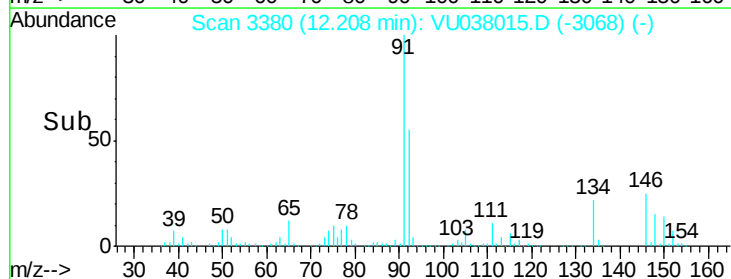
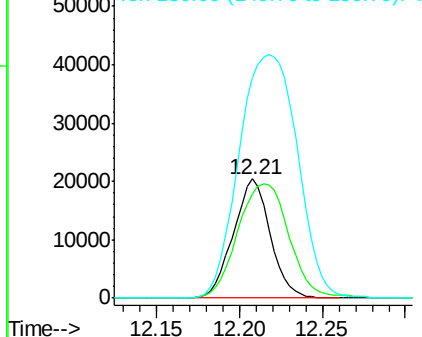
Lab File: VU038015.D

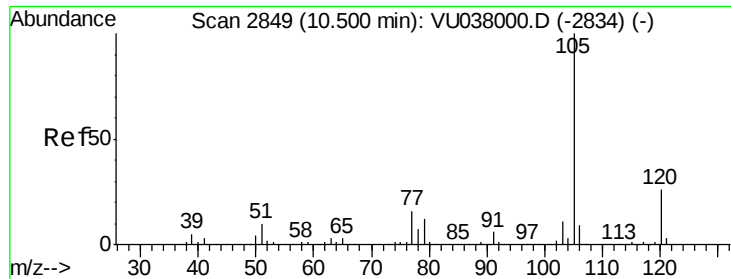
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	134.4	0.0	261.0
150	323.5	0.0	650.2



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: 9.909 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 1218176

Ion Ratio Lower Upper

105 100

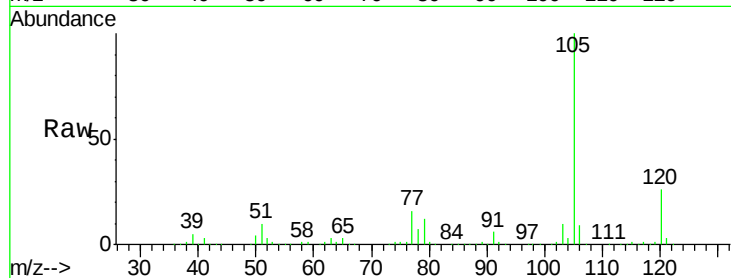
120 26.2 13.1 39.3

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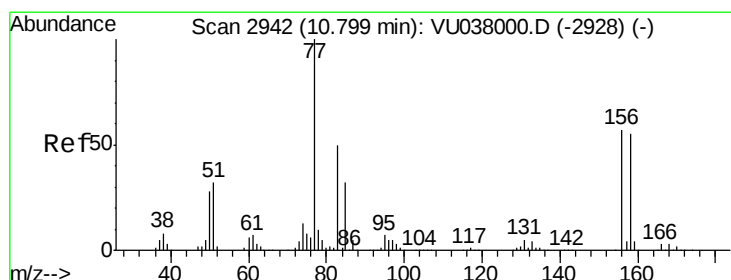
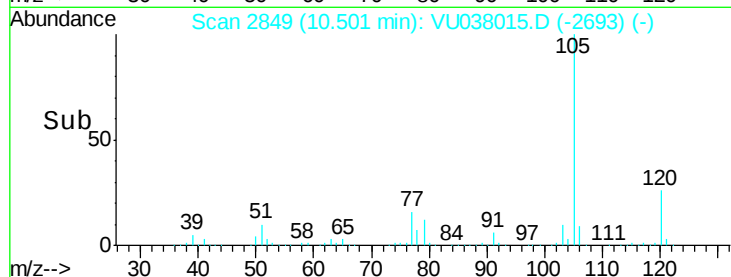
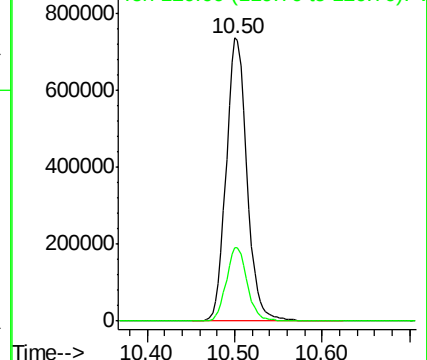
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 9.567 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

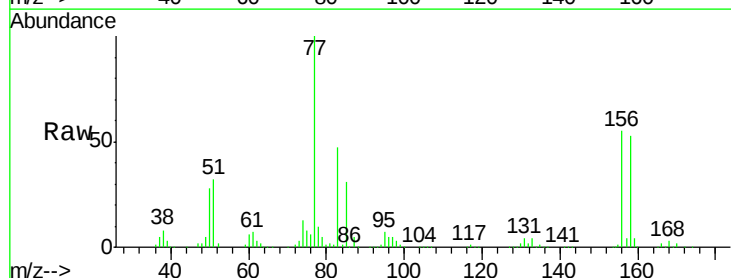
Tgt Ion: 83 Resp: 228673

Ion Ratio Lower Upper

83 100

131 9.0 7.2 10.8

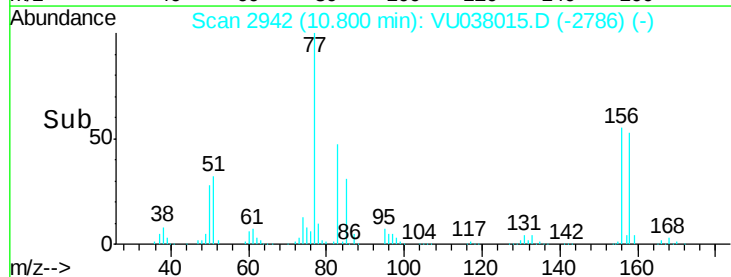
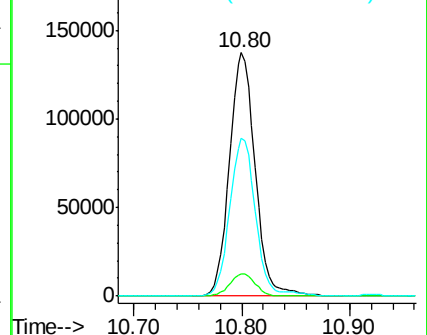
85 65.4 50.0 75.0

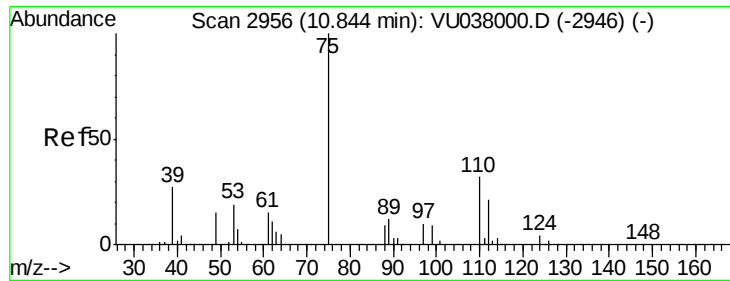


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





#71

1,2,3-Trichloropropane

Concen: 9.510 ug/l m

RT: 10.84 min Scan# 2956

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

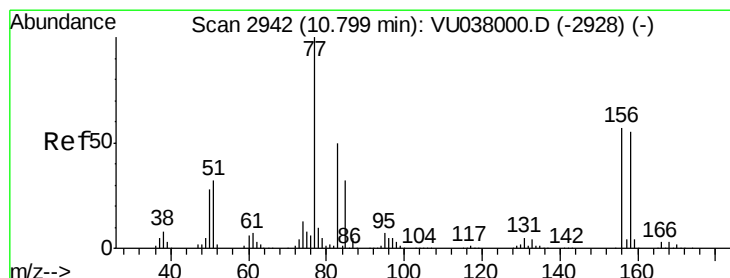
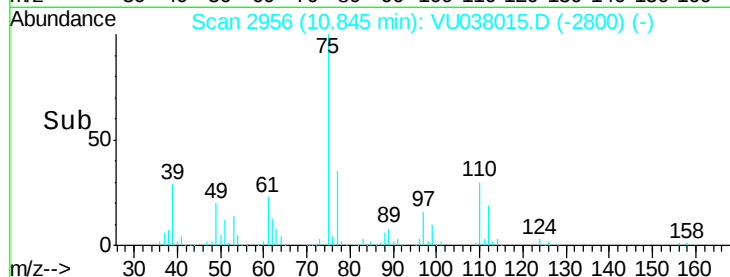
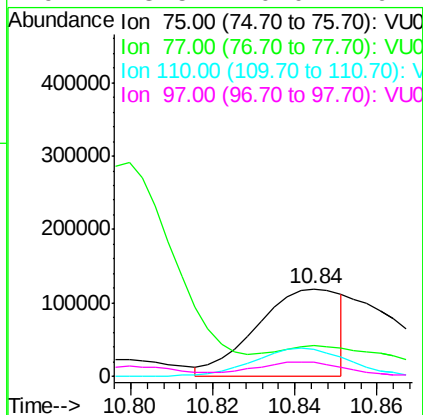
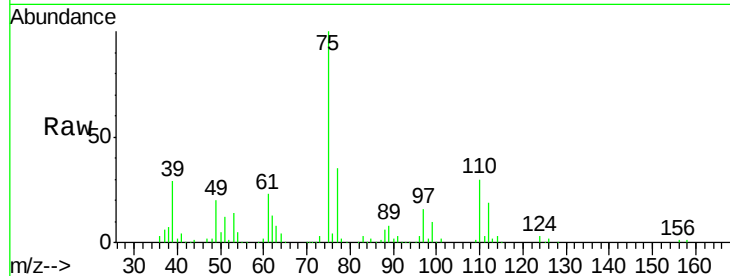
ClientSampleId :

VSTDCCC010EC

Tot Ion:	75	Resp:	168104
Ion Ratio	Lower	Upper	
75	100		
77	49.0	0.0	108.6
110	36.3	0.0	79.4
97	18.5	0.0	40.4

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#72

Bromobenzene

Concen: 9.594 ug/l

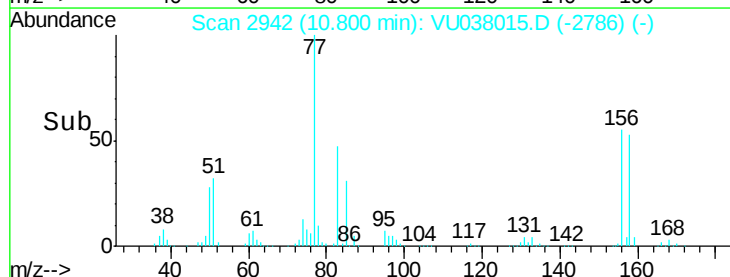
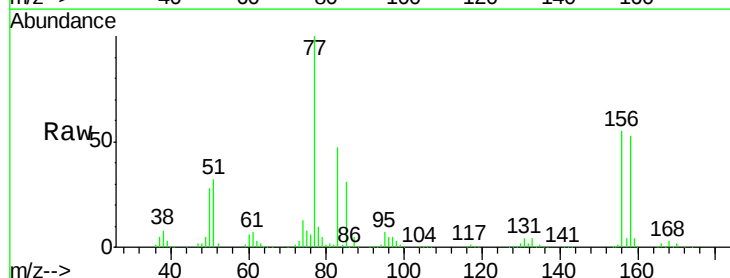
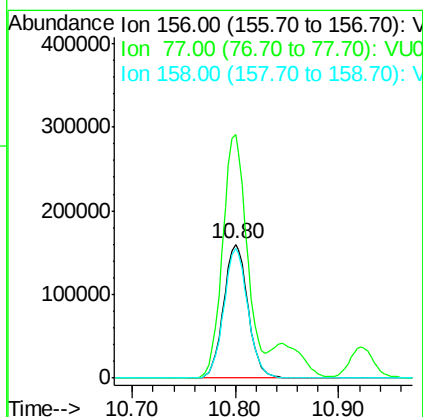
RT: 10.80 min Scan# 2942

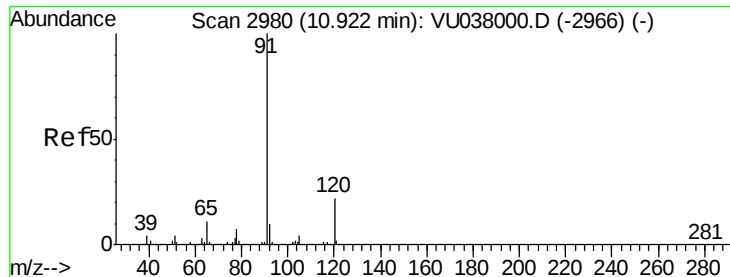
Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Tgt Ion:	156	Resp:	263476
Ion Ratio	Lower	Upper	
156	100		
77	182.5	0.0	355.6
158	96.2	0.0	194.0





#73

n-propylbenzene

Concen: 9.885 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:120 Resp: 333467

Ion Ratio Lower Upper

120 100

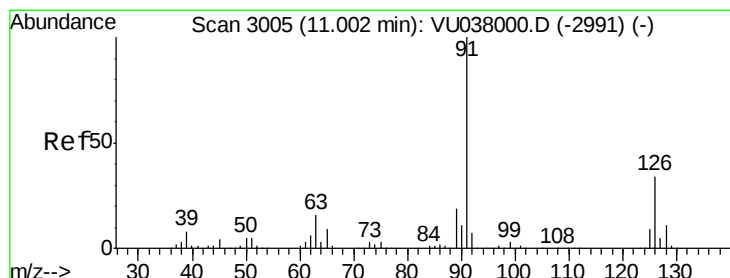
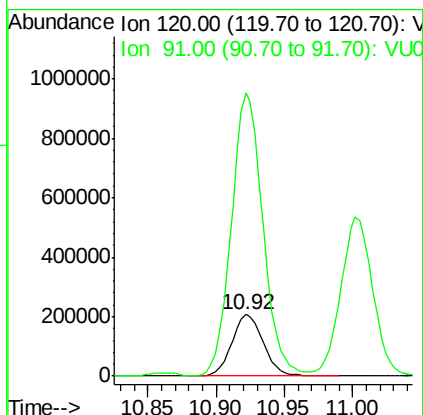
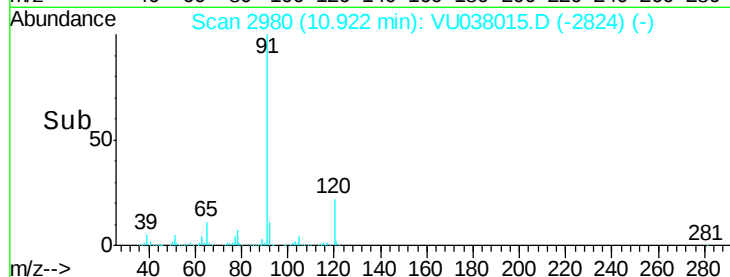
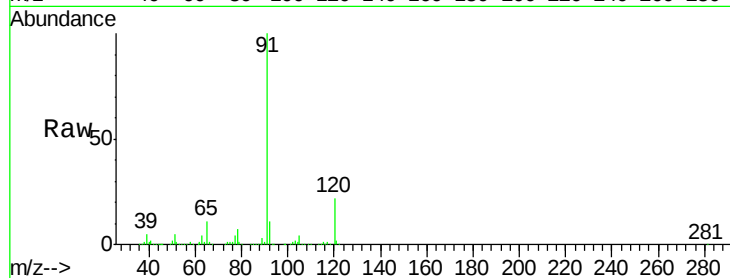
91 456.3 355.4 533.0

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#74

2-Chlorotoluene

Concen: 9.801 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038015.D

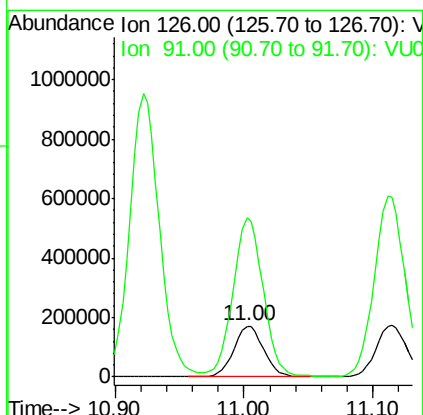
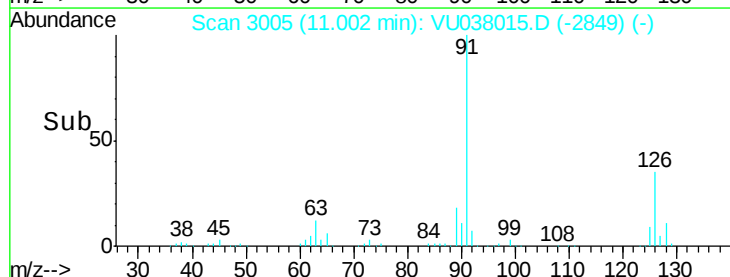
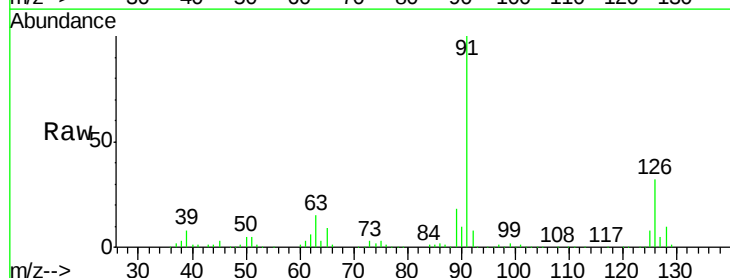
Acq: 05 May 2020 14:15

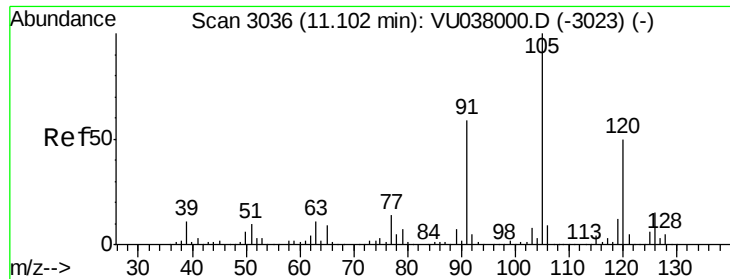
Tgt Ion:126 Resp: 277543

Ion Ratio Lower Upper

126 100

91 314.2 0.0 625.8





#75

1,3,5-Trimethylbenzene

Concen: 10.021 ug/l

RT: 11.11 min Scan# 3037

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 1019736

Ion Ratio Lower Upper

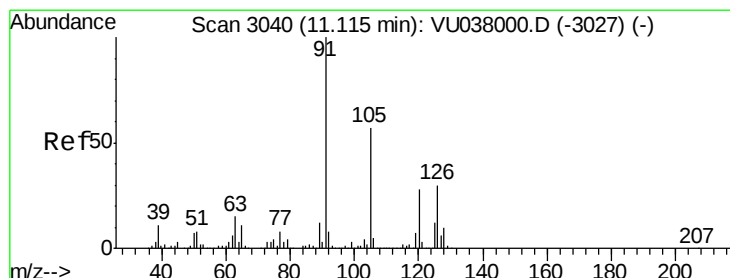
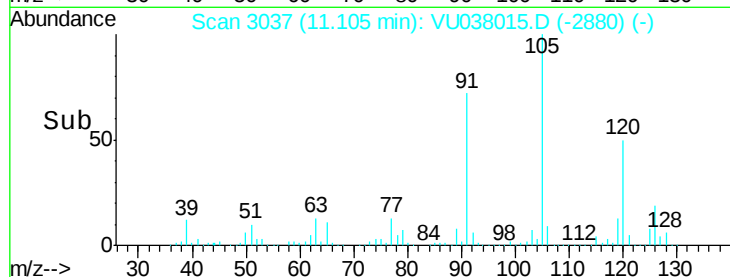
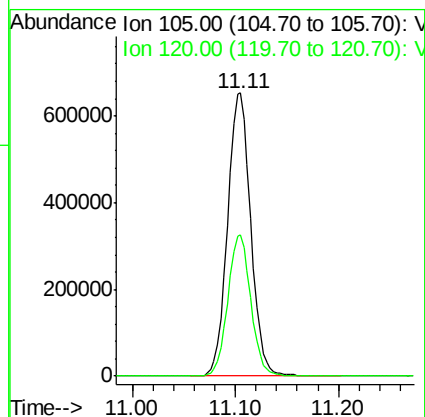
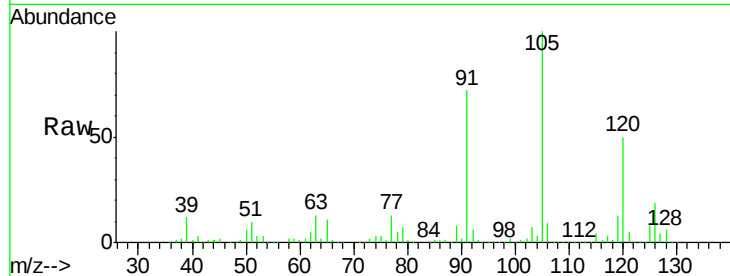
105 100

120 49.5 39.8 59.6

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#76

4-Chlorotoluene

Concen: 9.796 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU038015.D

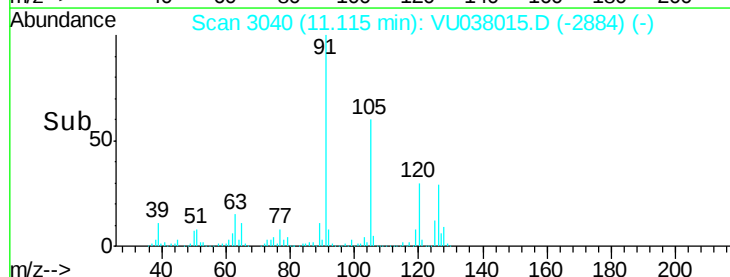
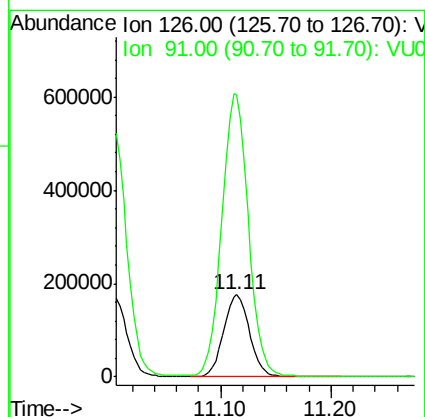
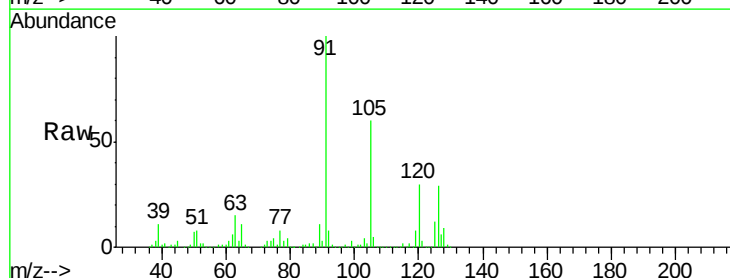
Acq: 05 May 2020 14:15

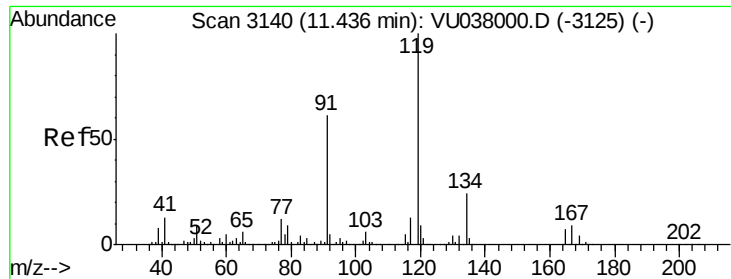
Tgt Ion:126 Resp: 288103

Ion Ratio Lower Upper

126 100

91 352.6 0.0 698.6





#77

tert-Butylbenzene

Concen: 9.805 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

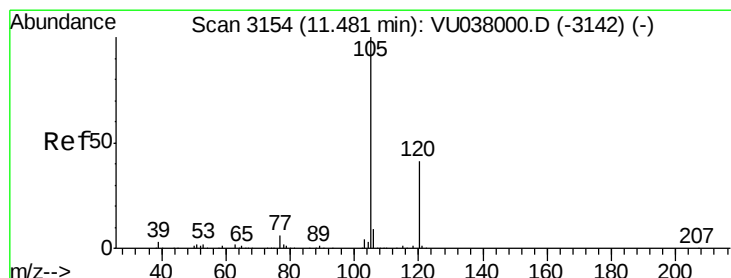
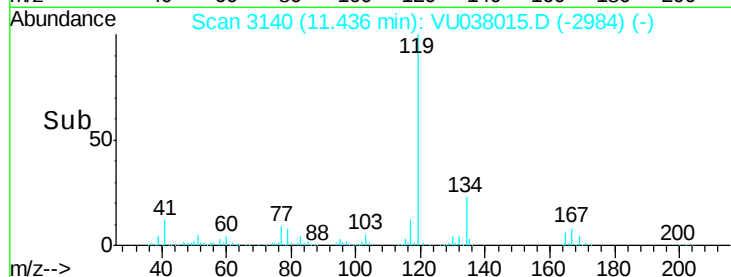
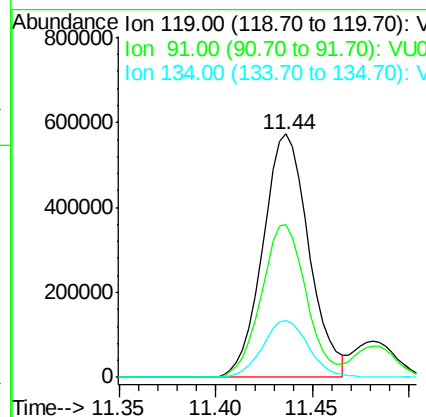
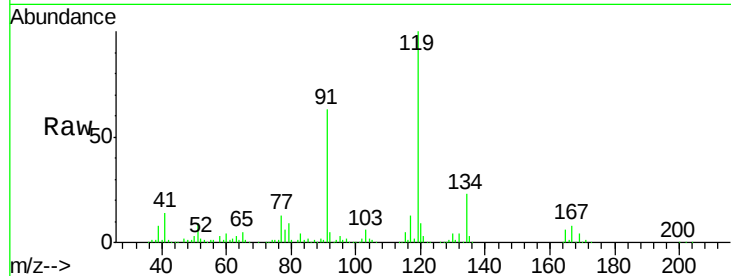
ClientSampleId :

VSTDCCC010EC

Tot Ion:	119	Resp:	949654
Ion Ratio	Lower	Upper	
119	100		
91	61.6	30.1	90.5
134	23.5	19.0	28.6

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#78

1,2,4-Trimethylbenzene

Concen: 9.981 ug/l

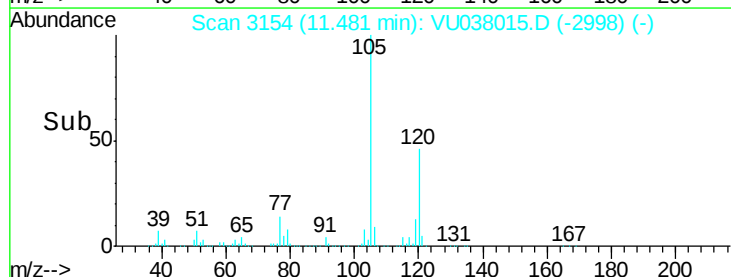
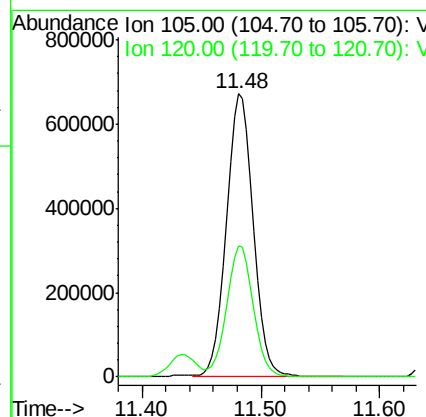
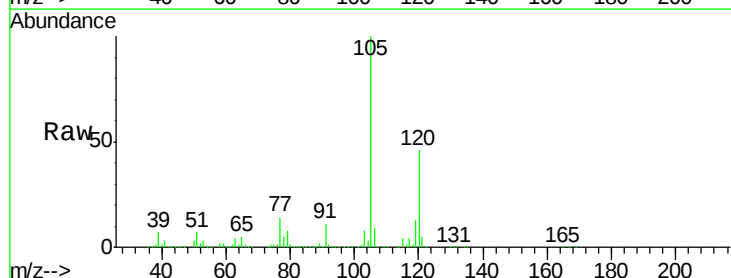
RT: 11.48 min Scan# 3154

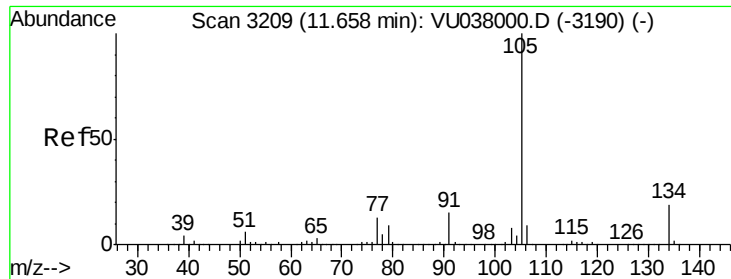
Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Tgt Ion:	105	Resp:	1045749
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.4	70.0





#79

sec-Butylbenzene

Concen: 9.941 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 105 Resp: 1379165

Ion Ratio Lower Upper

105 100

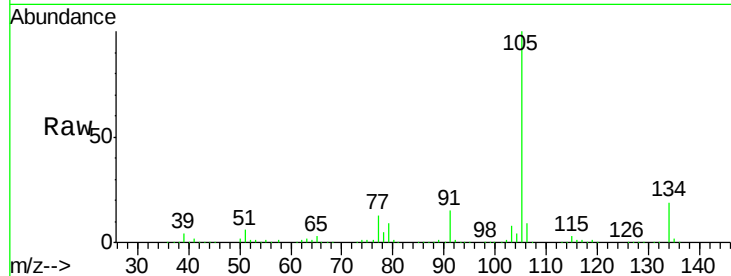
134 19.1 15.4 23.0

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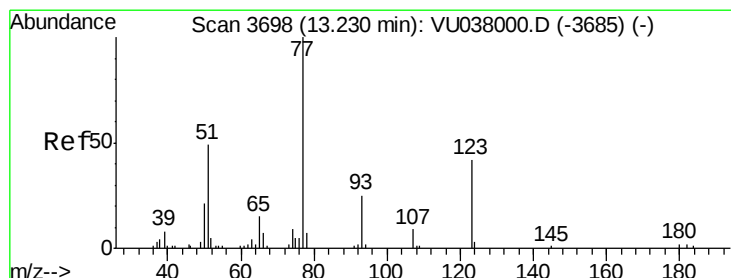
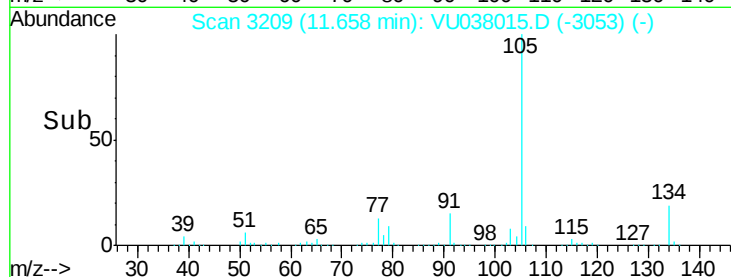
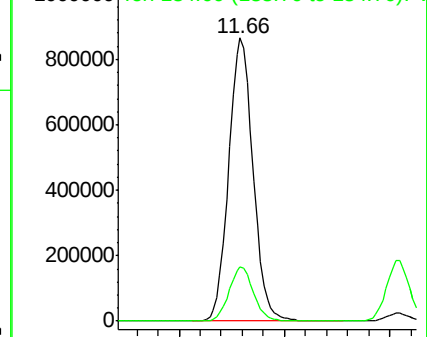
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 38.622 ug/l

RT: 13.23 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VU038015.D

Acq: 05 May 2020 14:15

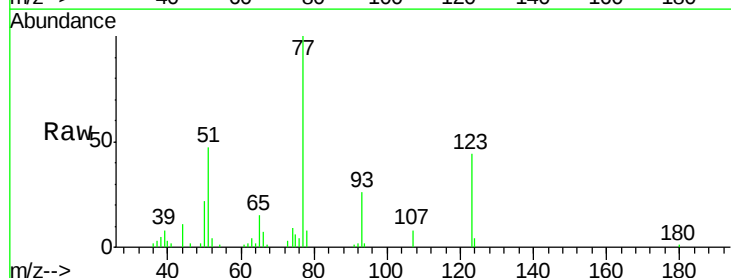
Tgt Ion: 77 Resp: 27368

Ion Ratio Lower Upper

77 100

123 40.8 17.6 62.6

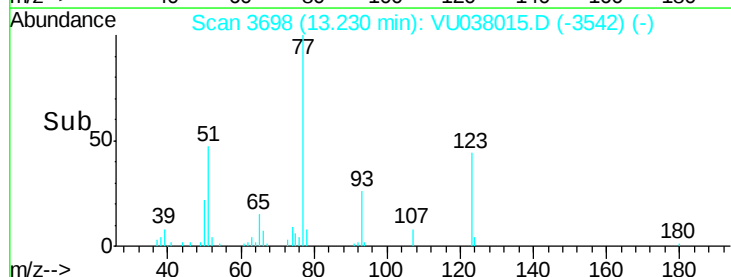
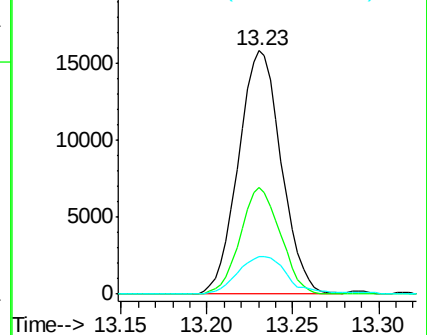
65 16.6 13.2 16.8

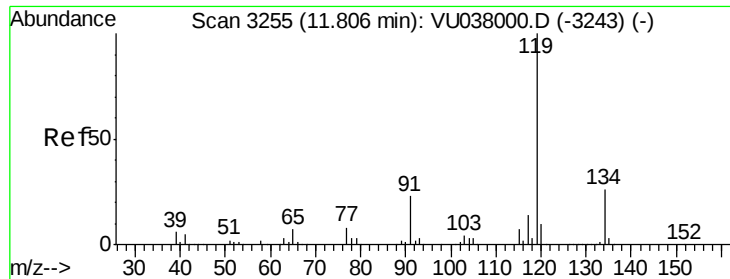


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





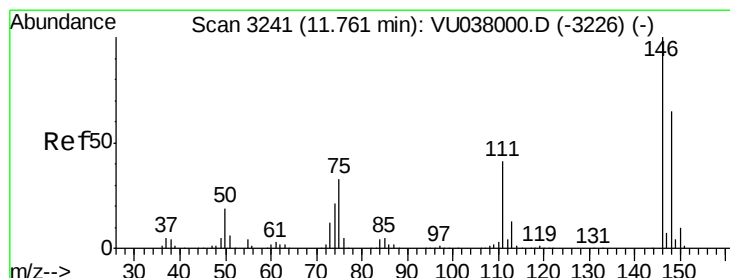
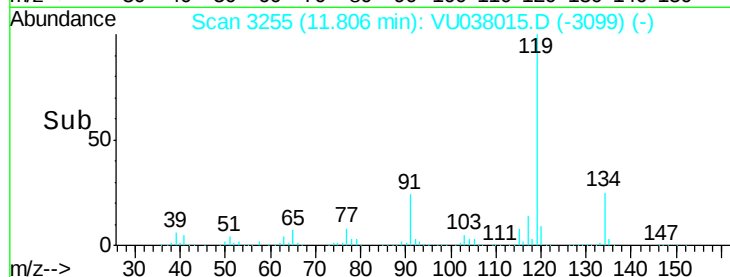
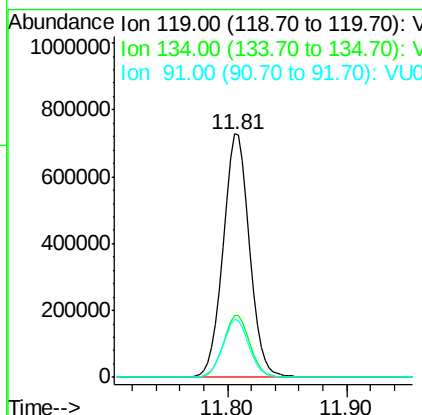
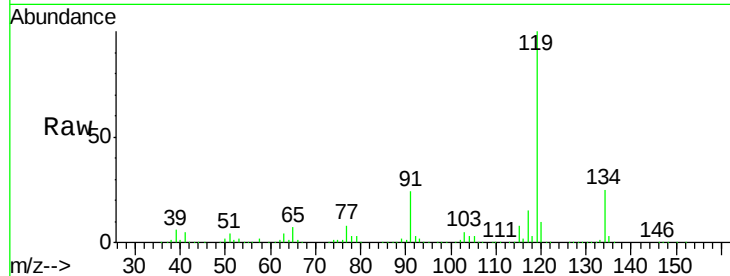
#81
 p-Isopropyltoluene
 Concen: 9.987 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.6	20.6	31.0
91	23.7	18.6	28.0

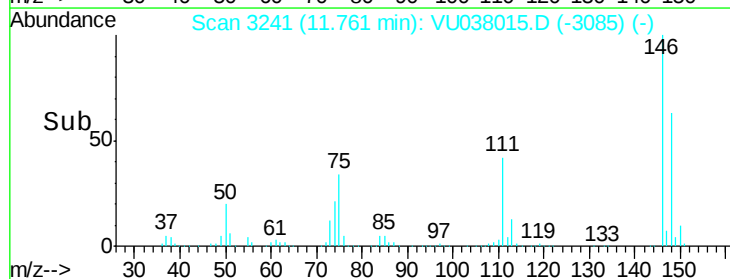
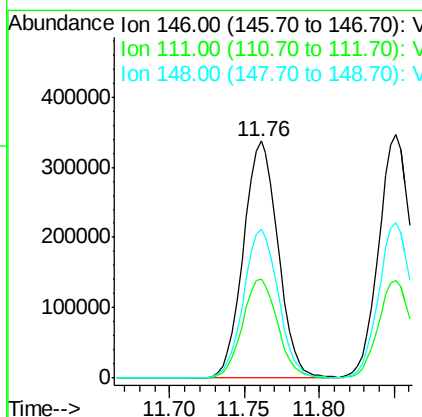
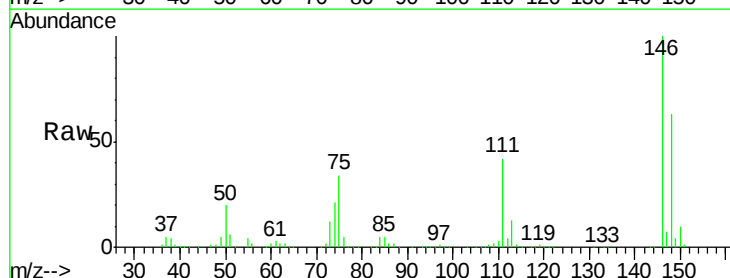
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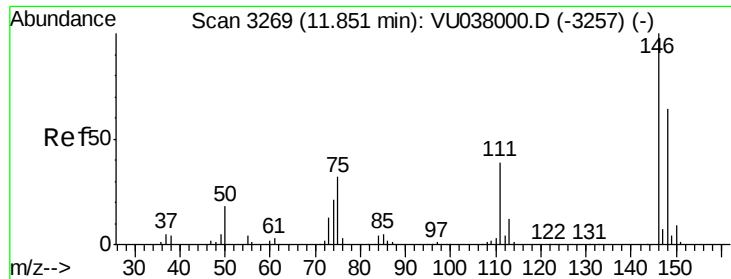
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#82
 1,3-Dichlorobenzene
 Concen: 9.578 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	33.0	49.4
148	63.1	51.4	77.2





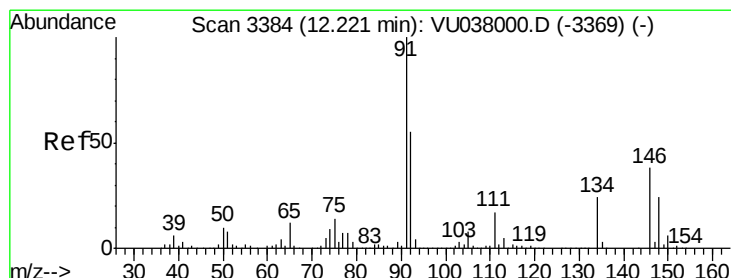
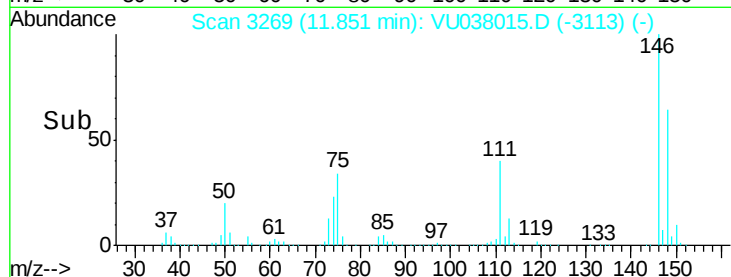
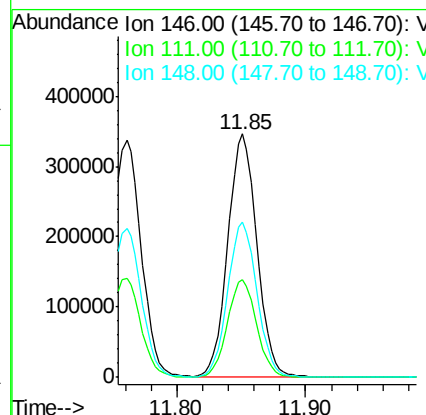
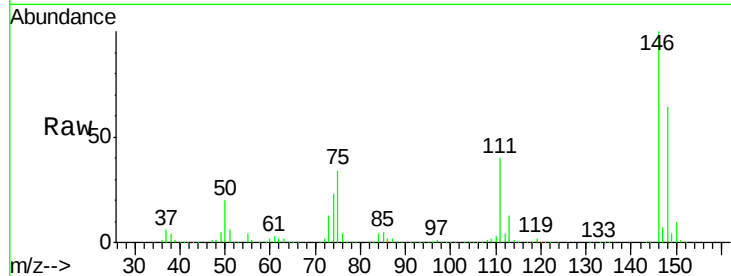
#83
 1,4-Dichlorobenzene
 Concen: 9.428 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	31.8	47.6
148	64.0	51.2	76.8

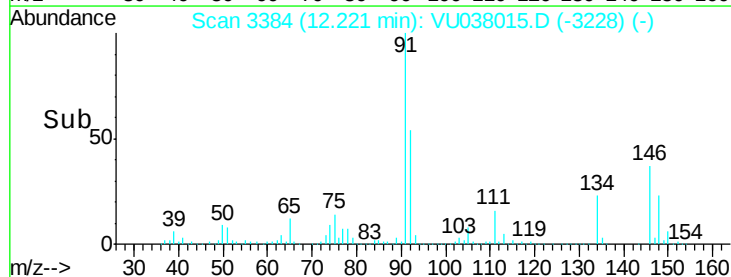
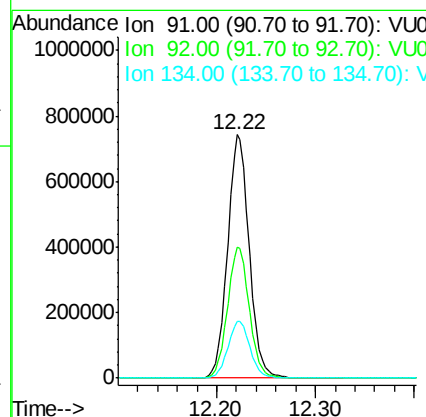
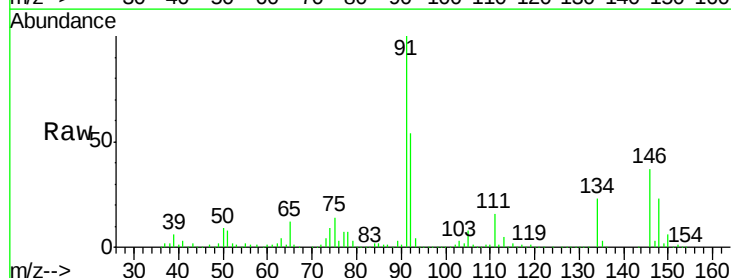
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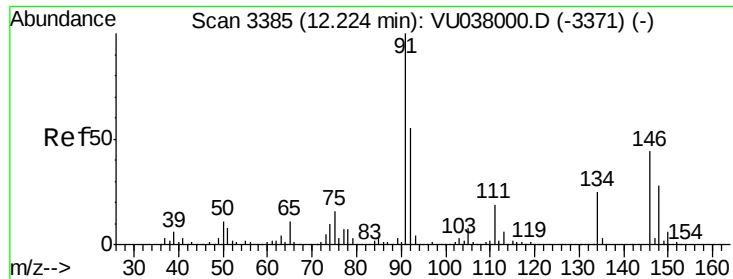
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#84
 n-Butylbenzene
 Concen: 10.210 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.8	65.6
134	23.9	19.4	29.2





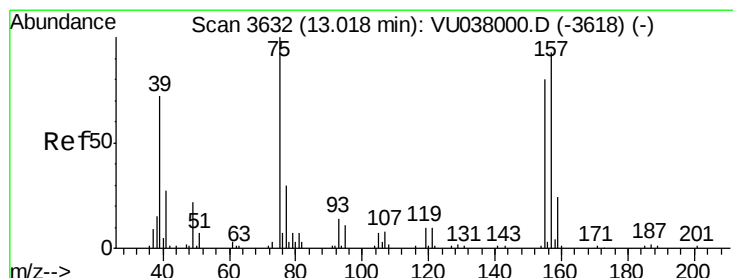
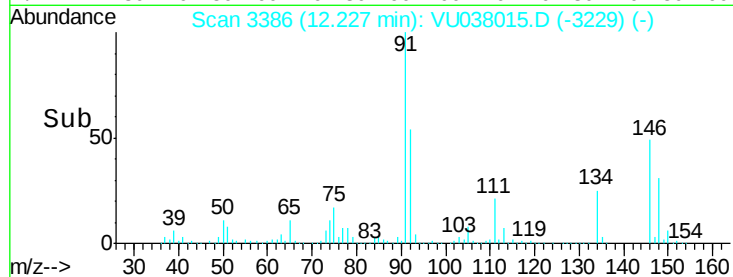
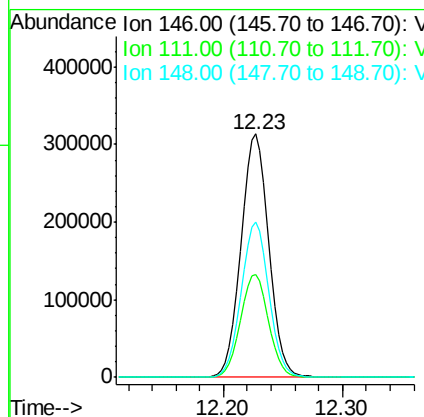
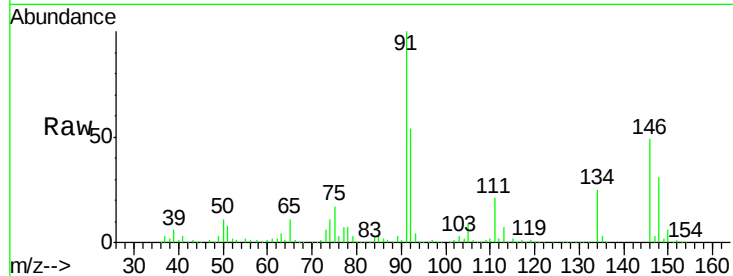
#85
 1,2-Dichlorobenzene
 Concen: 9.584 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.9	21.9	65.8
148	63.6	31.8	95.4

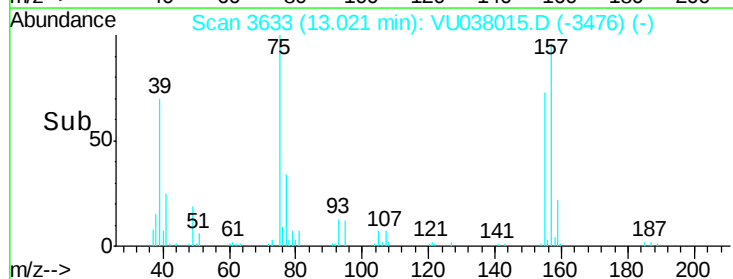
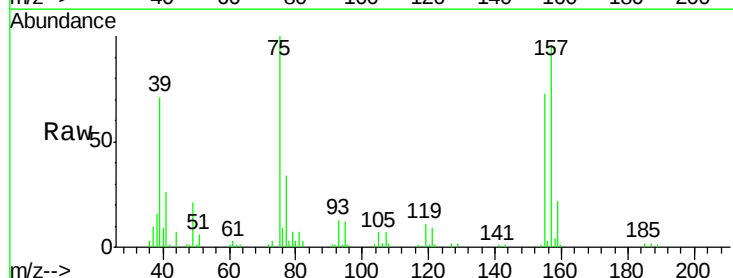
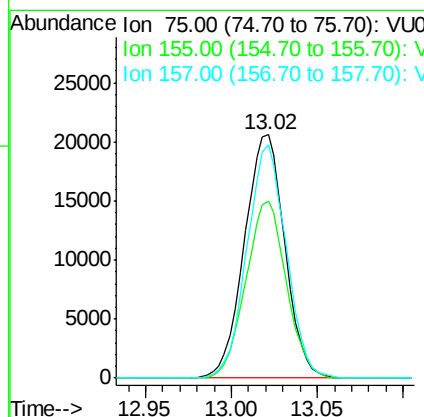
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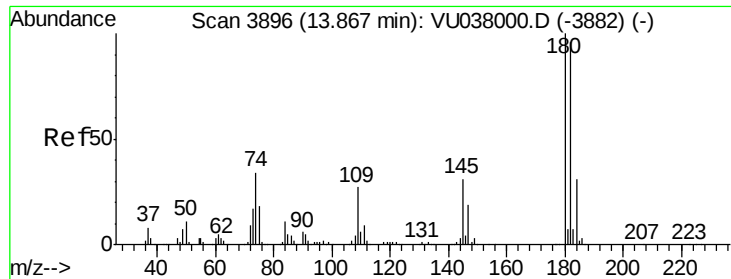
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 8.932 ug/l
 RT: 13.02 min Scan# 3633
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.8	60.9	91.3
157	93.2	78.1	117.1





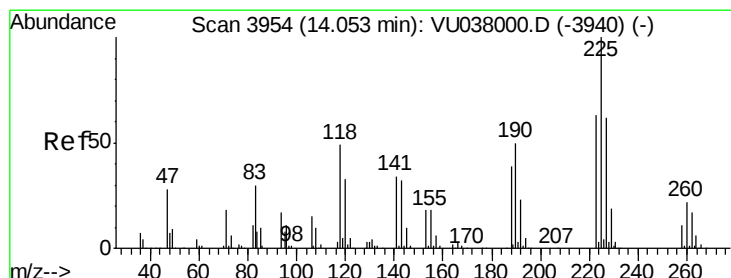
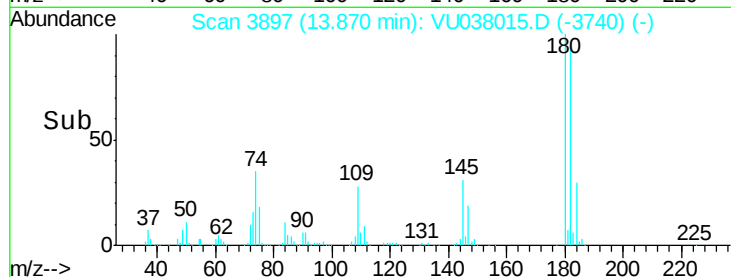
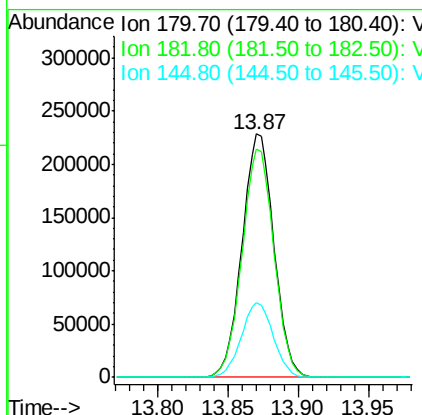
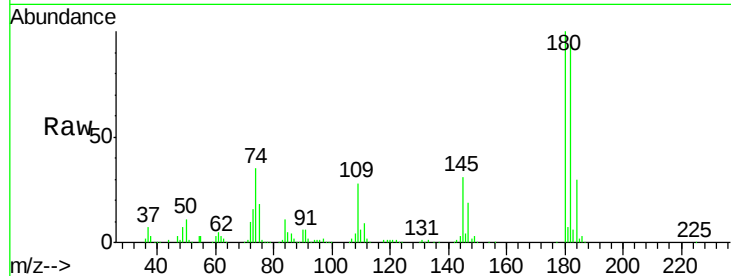
#87
 1,2,4-Trichlorobenzene
 Concen: 9.345 ug/l
 RT: 13.87 min Scan# 3897
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	361599		
182	93.9	76.9	115.3	
145	30.8	24.7	37.1	

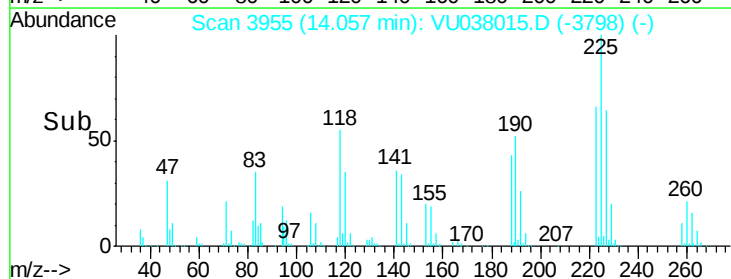
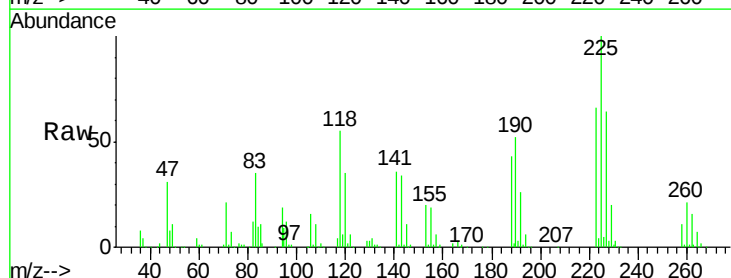
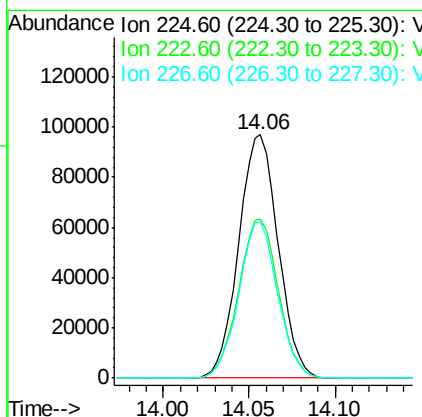
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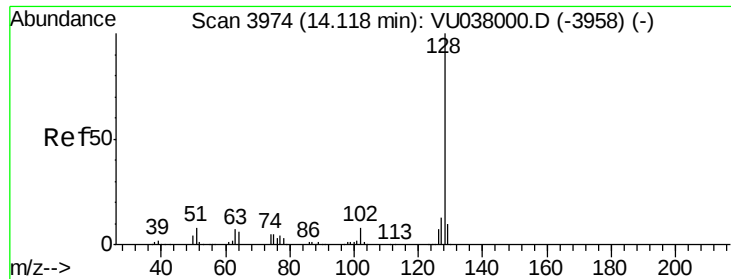
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#88
 Hexachlorobutadiene
 Concen: 8.917 ug/l
 RT: 14.06 min Scan# 3955
 Delta R.T. 0.00 min
 Lab File: VU038015.D
 Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	154274		
223	65.9	51.3	76.9	
227	63.1	49.2	73.8	





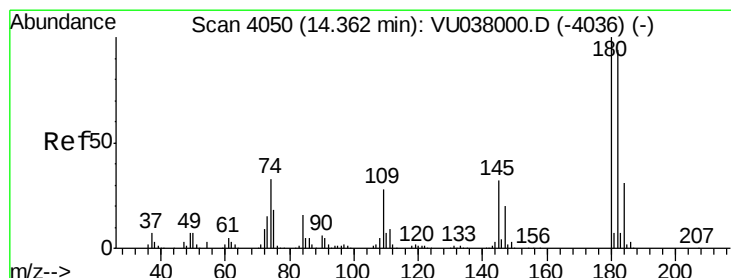
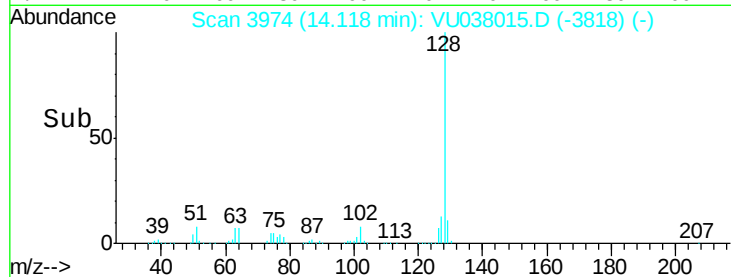
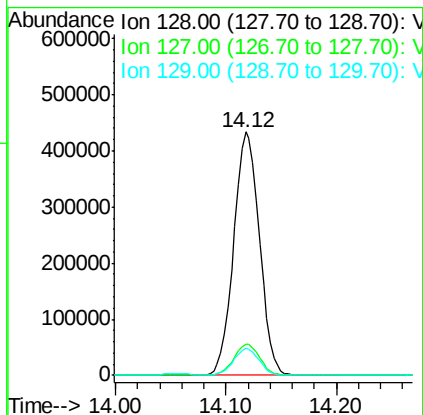
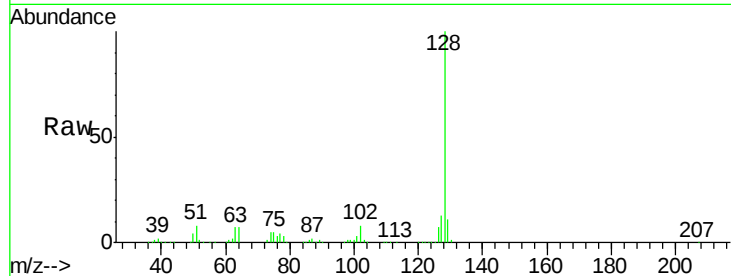
#89
Naphthalene
Concen: 9.424 ug/l
RT: 14.12 min Scan# 3974
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.0	8.6	12.8

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#90
1,2,3-Trichlorobenzene
Concen: 9.350 ug/l
RT: 14.37 min Scan# 4051
Delta R.T. 0.00 min
Lab File: VU038015.D
Acq: 05 May 2020 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.9	113.9
145	33.4	26.0	39.0

