

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050420\
 Data File : VU038006.D
 Acq On : 04 May 2020 17:44
 Operator : JC/MD
 Sample : VU0504WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU0504WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 8:58:02 AM

Quant Time: May 05 03:07:06 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	86144	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	32114	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.20	152	32506	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	54936	1.879	ug/l	99
3) Chloromethane	1.54	50	65378	1.888	ug/l	98
4) Vinyl Chloride	1.62	62	65795	1.908	ug/l	100
5) Bromomethane	1.87	94	34320	1.659	ug/l	100
6) Chloroethane	1.95	64	39294	1.907	ug/l	99
7) Trichlorofluoromethane	2.16	101	68508	1.906	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42995	1.919	ug/l	98
9) 1,1-Dichloroethene	2.60	96	43557	1.936	ug/l	98
10) Iodomethane	2.75	142	22020	1.933	ug/l	100
11) Allyl Chloride	2.95	41	79297	1.900	ug/l	97
12) Acrylonitrile	3.35	53	24067	3.913	ug/l	95
13) Acetone	2.66	43	40461	8.224	ug/l	95
14) Carbon Disulfide	2.82	76	154194	1.877	ug/l	99
15) Methylene Chloride	3.07	84	57354	1.905	ug/l	98
16) trans-1,2-Dichloroethene	3.38	96	45566	1.851	ug/l	99
17) 1,1-Dichloroethane	3.91	63	88117	1.887	ug/l	100
18) 2-Butanone	4.76	43	65540	8.885	ug/l	99
19) Cyclohexane	5.42	56	83679m	1.848	ug/l	
20) Methylcyclohexane	6.79	83	80453	1.813	ug/l	97
21) 2,2-Dichloropropane	4.70	77	66759	1.711	ug/l	99
22) cis-1,2-Dichloroethene	4.71	96	49211	1.891	ug/l	98
23) Diethyl Ether	2.40	59	36688	1.859	ug/l	99
24) tert-Butyl Alcohol	3.23	59	39765	18.159	ug/l	96
25) Methyl tert-Butyl Ether	3.41	73	117325	1.903	ug/l	97
26) Bromochloromethane	5.02	128	19572	1.868	ug/l	99
27) Chloroform	5.13	83	82402	1.882	ug/l	98
28) 1,1,1-Trichloroethane	5.35	97	67292	1.865	ug/l	98
29) 1,1-Dichloropropene	5.56	75	68495	1.886	ug/l	99
30) Carbon Tetrachloride	5.56	117	55706	1.845	ug/l	97
31) Isopropyl Ether	4.05	45	141082	1.836	ug/l	96
32) Ethyl-t-butyl ether	4.55	59	127513	1.838	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	106997	1.789	ug/l	99
34) Propionitrile	4.82	54	20694	9.798	ug/l #	98
35) Benzene	5.81	78	194844	1.917	ug/l	100
36) 1,2-Dichloroethane	5.83	62	56229	1.870	ug/l	97
37) Trichloroethene	6.57	130	49434	1.852	ug/l	93
38) 1,2-Dichloropropane	6.82	63	51333	1.877	ug/l	96
39) Methacrylonitrile	5.02	41	16826	1.701	ug/l	98
40) Methyl acrylate	4.89	55	26089	1.790	ug/l	97
41) Tetrahydrofuran	5.11	42	17727	3.592	ug/l	96
42) 1-Chlorobutane	5.49	56	96782	1.849	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	22812	1.790	ug/l	96
44) Bromodichloromethane	7.14	83	59676	1.865	ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	154579	8.902	ug/l	100
46) t-1,4-Dichloro-2-butene	10.85	75	15716m	2.927	ug/l	
47) Methyl methacrylate	6.99	69	46481	3.587	ug/l	99
48) Ethyl methacrylate	8.36	69	43417	1.810	ug/l	99
49) Toluene	7.99	92	124002	1.930	ug/l	99
50) t-1,3-Dichloropropene	8.23	75	57115	1.747	ug/l	97
51) cis-1,3-Dichloropropene	7.64	75	69547	1.771	ug/l	97
52) 1,1,2-Trichloroethane	8.42	97	33516	1.858	ug/l	93
53) 1,3-Dichloropropane	8.60	76	64889	1.916	ug/l	100
54) 2-Hexanone	8.71	43	105346	8.595	ug/l	100
55) Dibromochloromethane	8.83	129	35191	1.760	ug/l	99
56) 1,2-Dibromoethane	8.95	107	29832	1.753	ug/l	96
58) Tetrachloroethene	8.57	164	47720	1.916	ug/l	99
59) Chlorobenzene	9.47	112	130331	1.910	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.56	131	37903	1.830	ug/l	99
61) Pentachloroethane	11.44	117	26922	1.735	ug/l	98
62) Hexachloroethane	12.49	117	27186	1.683	ug/l	96
63) Ethyl Benzene	9.59	91	225795	1.860	ug/l	100
64) m/p-Xylenes	9.71	106	175846	3.764	ug/l	99
65) o-Xylene	10.12	106	84218	1.849	ug/l	99
66) Styrene	10.13	104	140263	1.869	ug/l	100
67) Bromoform	10.31	173	17731	1.686	ug/l	97
69) Isopropylbenzene	10.50	105	219344	1.845	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.80	83	42361	1.832	ug/l	97
71) 1,2,3-Trichloropropane	10.84	75	24391m	1.427	ug/l	
72) Bromobenzene	10.80	156	51081	1.923	ug/l	99
73) n-propylbenzene	10.92	120	61087	1.872	ug/l	100
74) 2-Chlorotoluene	11.00	126	51379	1.876	ug/l	100
75) 1,3,5-Trimethylbenzene	11.10	105	182426	1.853	ug/l	99
76) 4-Chlorotoluene	11.11	126	53962	1.897	ug/l	97
77) tert-Butylbenzene	11.44	119	171359	1.829	ug/l	100
78) 1,2,4-Trimethylbenzene	11.48	105	183132	1.807	ug/l	99
79) sec-Butylbenzene	11.66	105	249957	1.863	ug/l	100
80) Nitrobenzene	13.23	77	4299	6.272	ug/l #	96
81) p-Isopropyltoluene	11.81	119	200475	1.851	ug/l	100
82) 1,3-Dichlorobenzene	11.76	146	104517	1.900	ug/l	97
83) 1,4-Dichlorobenzene	11.85	146	103744	1.863	ug/l	99
84) n-Butylbenzene	12.22	91	194673	1.800	ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	97263	1.900	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	13.02	75	6194	1.701	ug/l	96
87) 1,2,4-Trichlorobenzene	13.87	180	66634	1.780	ug/l	99
88) Hexachlorobutadiene	14.05	225	29779	1.779	ug/l	99
89) Naphthalene	14.12	128	127212	1.767	ug/l	100
90) 1,2,3-Trichlorobenzene	14.36	180	61879	1.856	ug/l	99

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

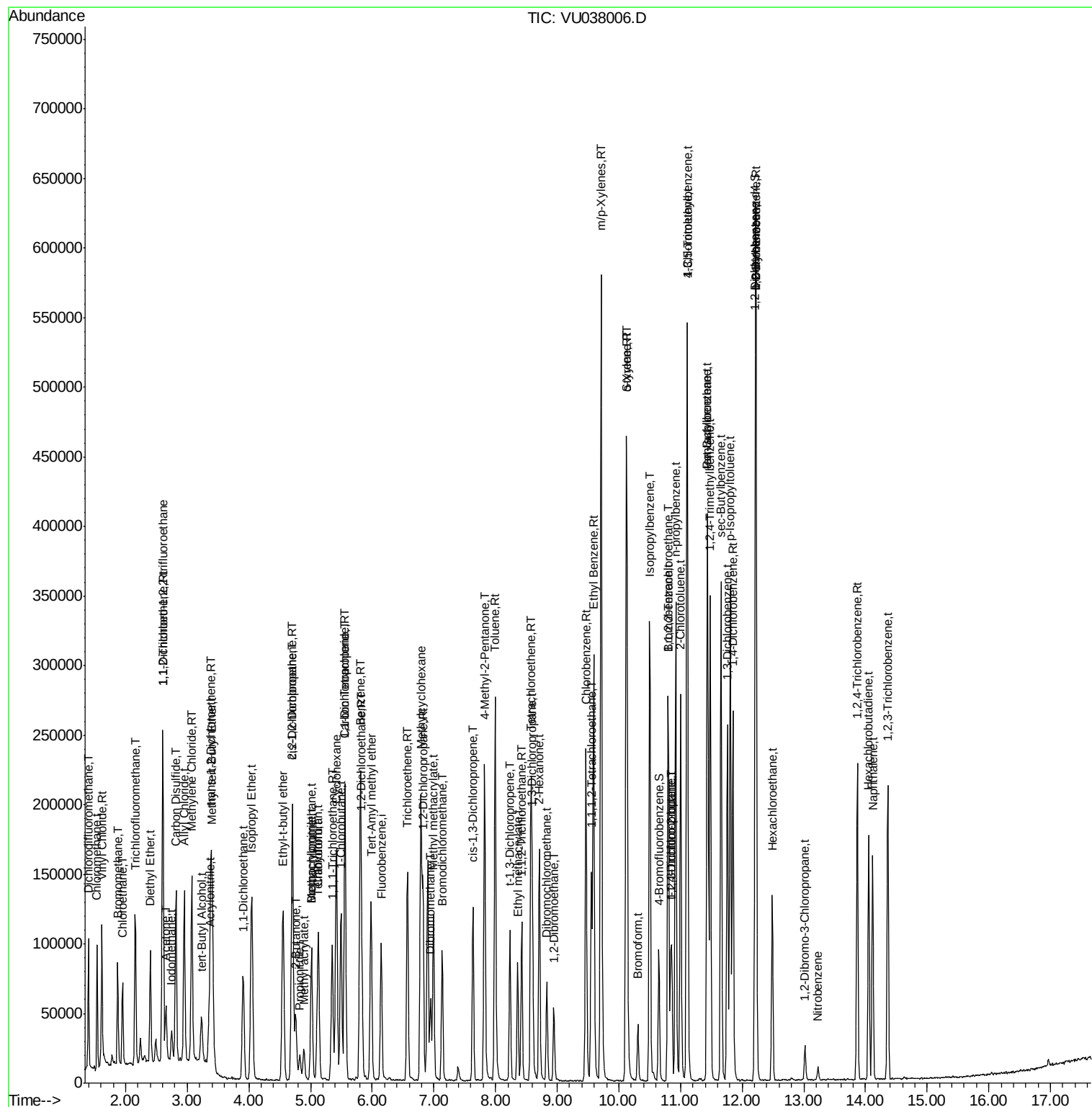
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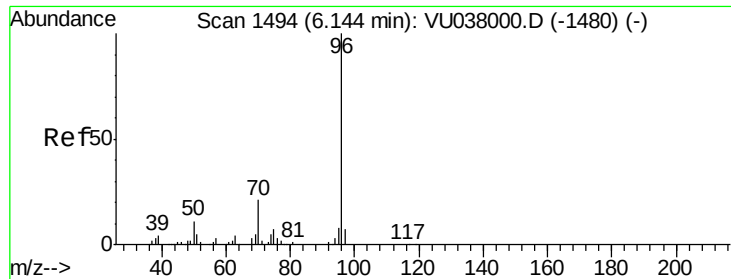
Instrument :
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 ClientSampleID :
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.15 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

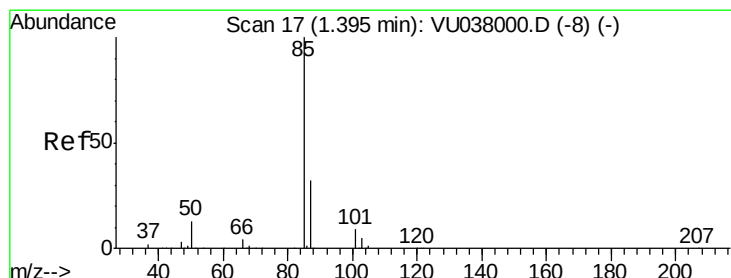
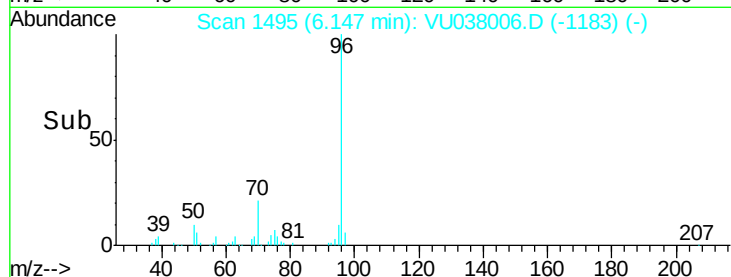
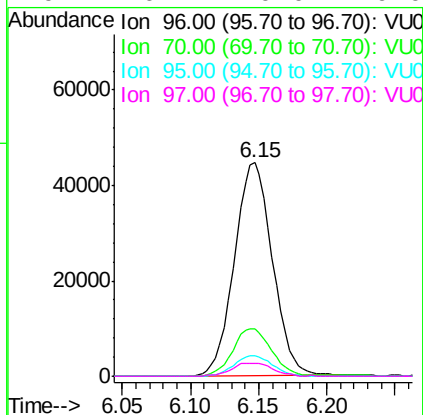
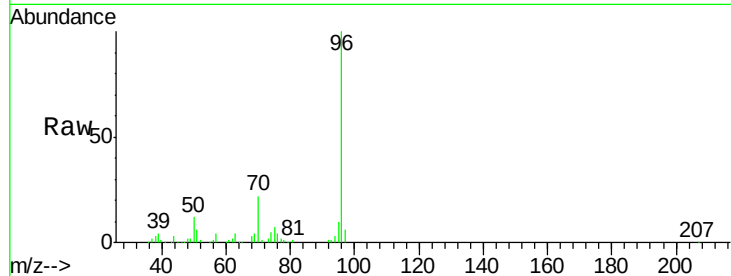
ClientSampleId :

VU0504WBSD01

Tot Ion:	96	Resp:	86144
Ion Ratio	Lower	Upper	
96	100		
70	22.0	14.4	21.6#
95	9.7	7.1	10.7
97	6.7	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.879 ug/l

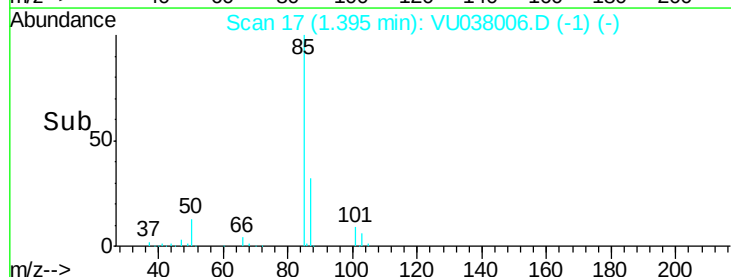
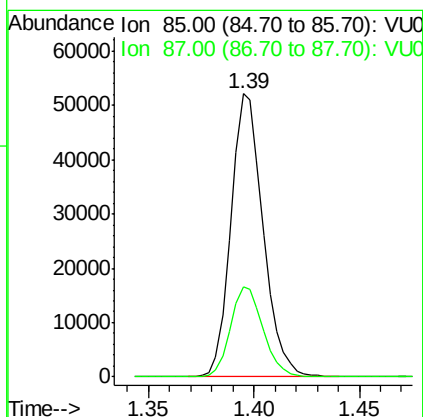
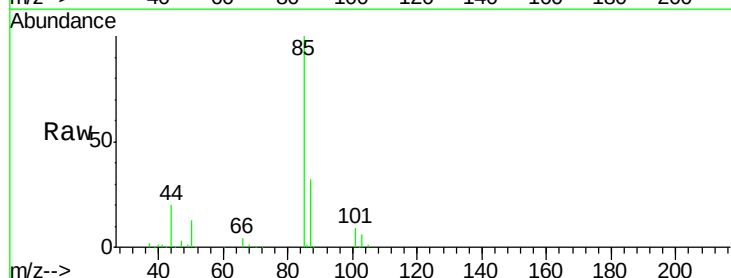
RT: 1.39 min Scan# 17

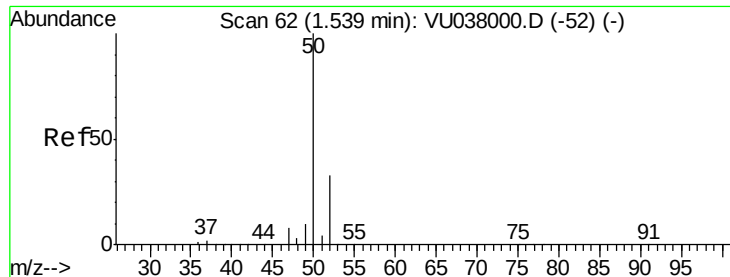
Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Tgt Ion:	85	Resp:	54936
Ion Ratio	Lower	Upper	
85	100		
87	31.9	16.2	48.5





#3

Chloromethane

Concen: 1.888 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion: 50 Resp: 65378

Ion Ratio Lower Upper

50 100

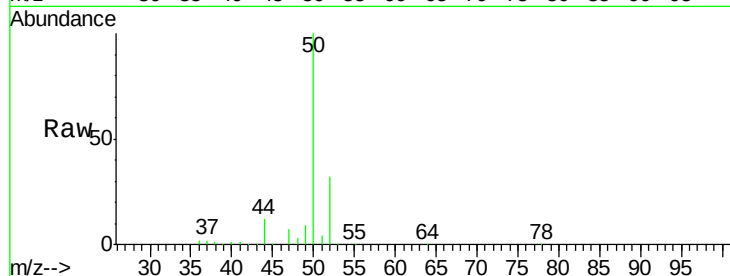
52 31.5 26.1 39.1

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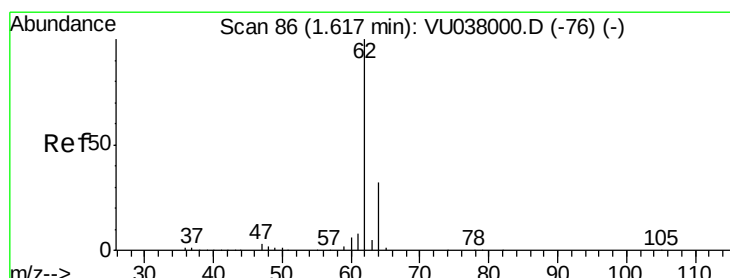
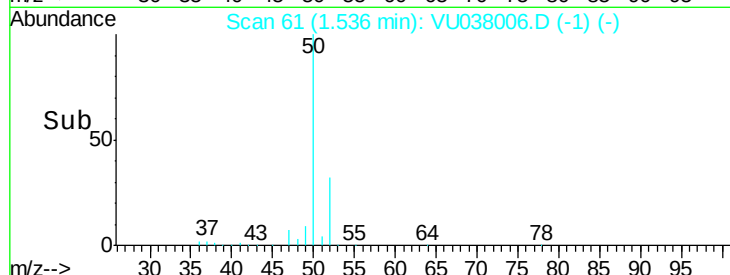
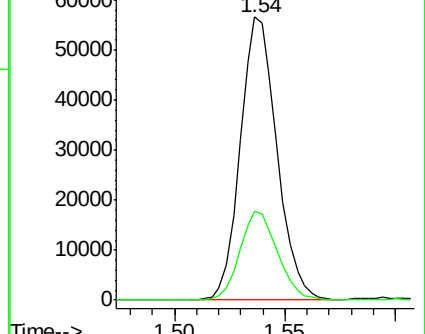
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Abundance Ion 50.00 (49.70 to 50.70): VU038006.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU038006.D (-1) (-)



#4

Vinyl Chloride

Concen: 1.908 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038006.D

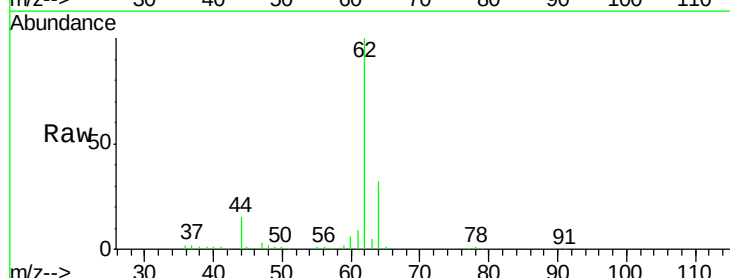
Acq: 04 May 2020 17:44

Tgt Ion: 62 Resp: 65795

Ion Ratio Lower Upper

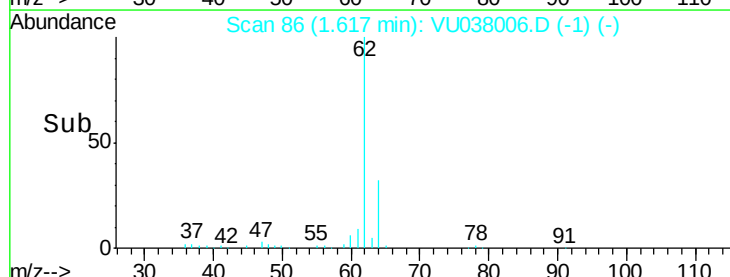
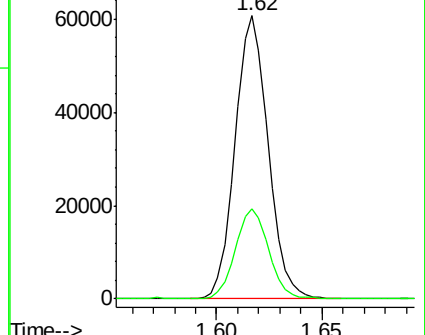
62 100

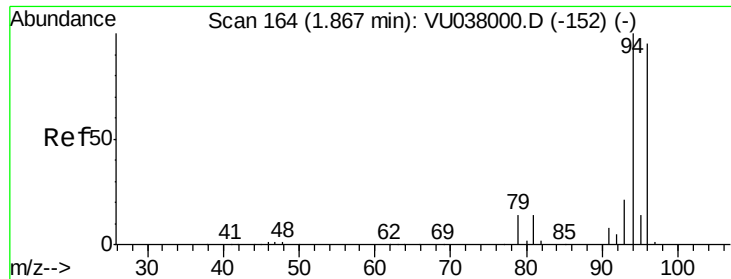
64 32.0 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU038006.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU038006.D (-1) (-)





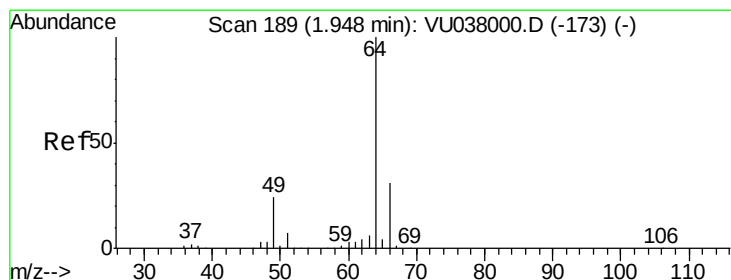
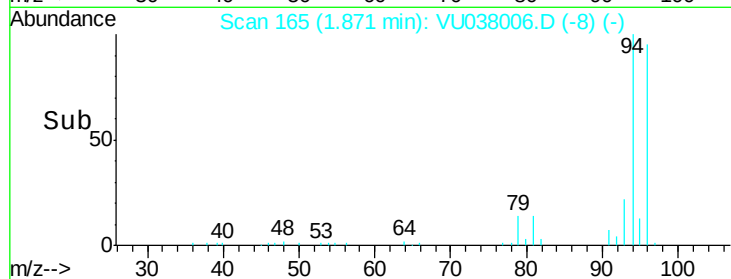
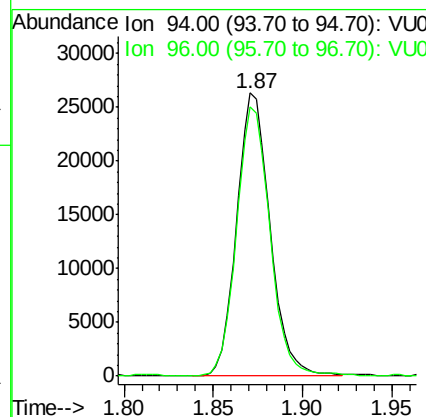
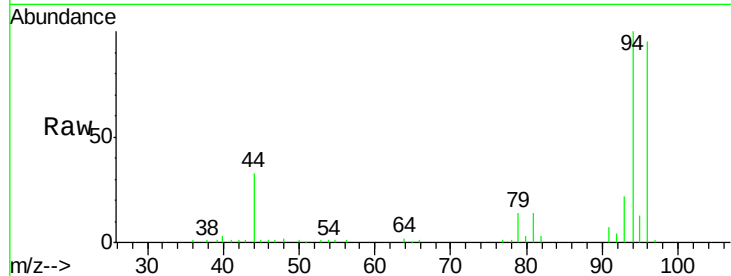
#5
Bromomethane
Concen: 1.659 ug/l
RT: 1.87 min Scan# 165
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
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ClientSampleId :
VU0504WBSD01

Tot Ion: 94 Resp: 34320
Ion Ratio Lower Upper
94 100
96 95.0 76.1 114.1

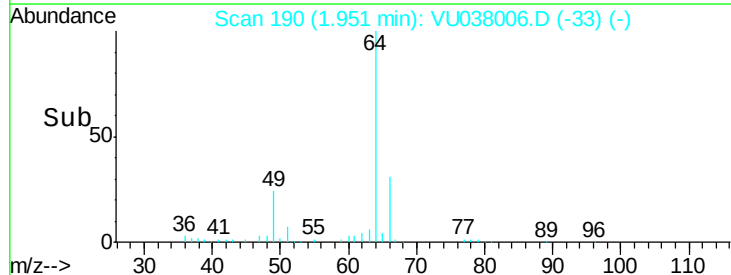
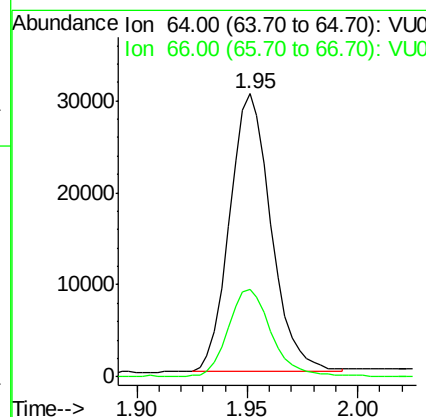
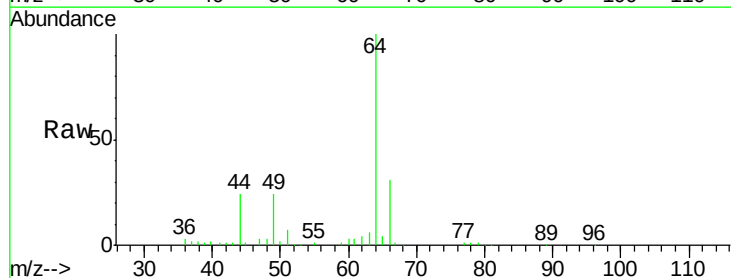
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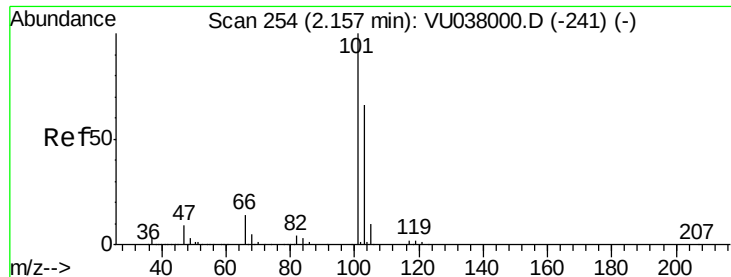
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#6
Chloroethane
Concen: 1.907 ug/l
RT: 1.95 min Scan# 190
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 64 Resp: 39294
Ion Ratio Lower Upper
64 100
66 31.3 24.8 37.2





#7

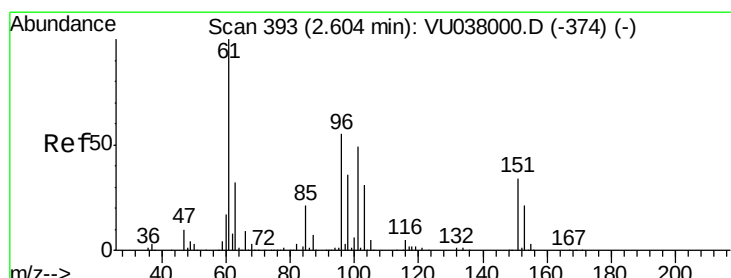
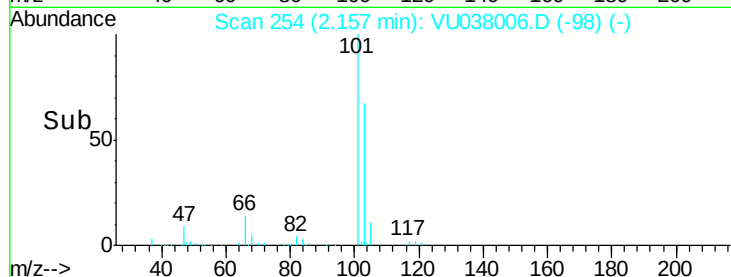
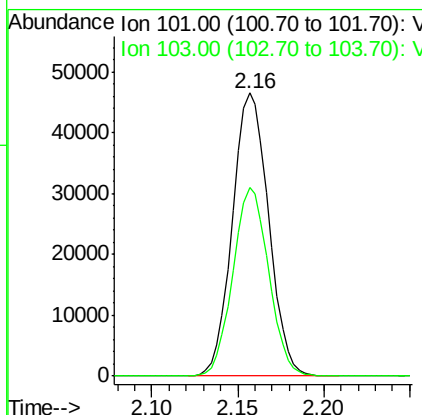
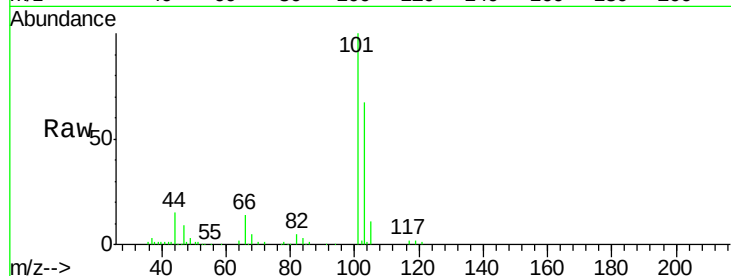
Trichlorofluoromethane
 Concen: 1.906 ug/l
 RT: 2.16 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
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 ClientSampleId :
 VU0504WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	52.6	78.8

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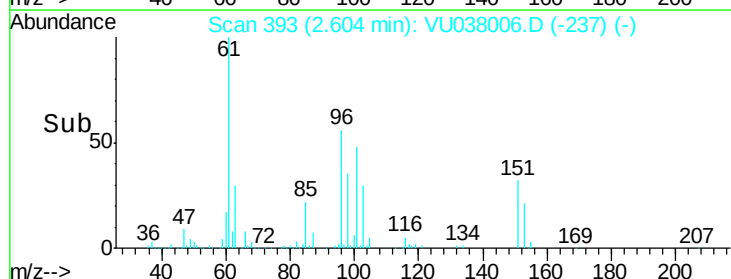
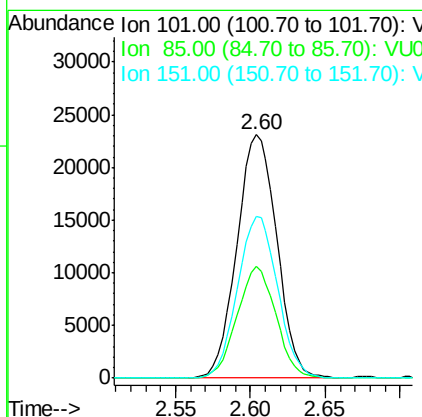
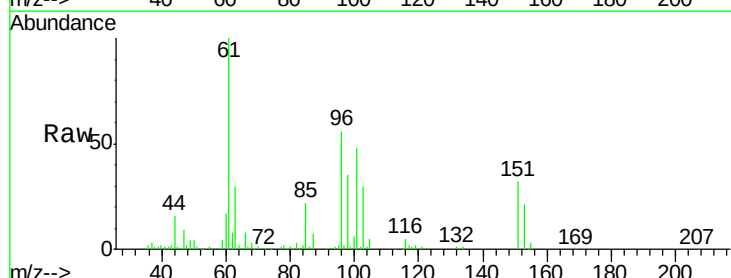
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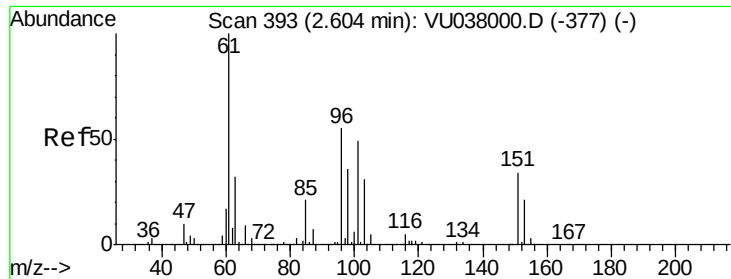


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.919 ug/l
 RT: 2.60 min Scan# 393
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.5	53.3
151	66.6	55.2	82.8





#9

1,1-Dichloroethene

Concen: 1.936 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

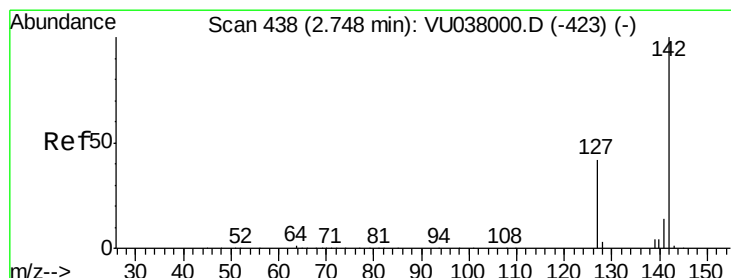
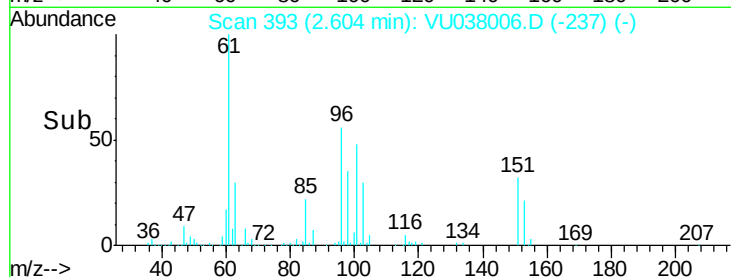
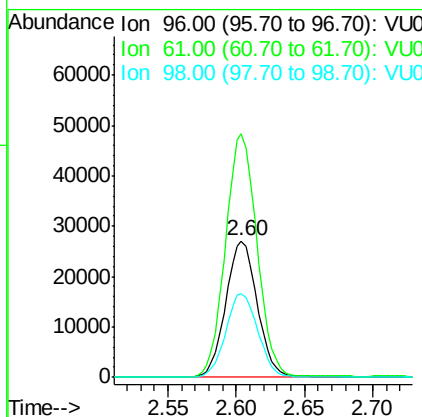
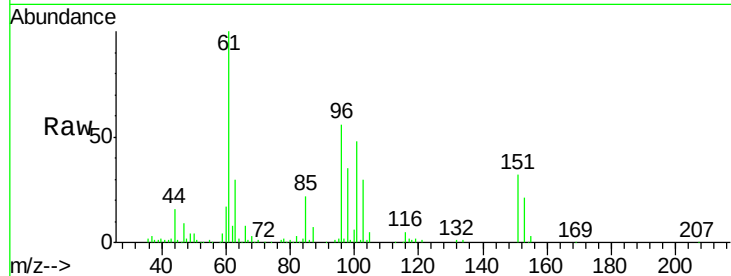
ClientSampleId :

VU0504WBSD01

Tot Ion:	96	Resp:	43557
Ion	Ratio	Lower	Upper
96	100		
61	178.2	0.0	543.0
98	61.7	0.0	129.4

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#10

Iodomethane

Concen: 1.933 ug/l

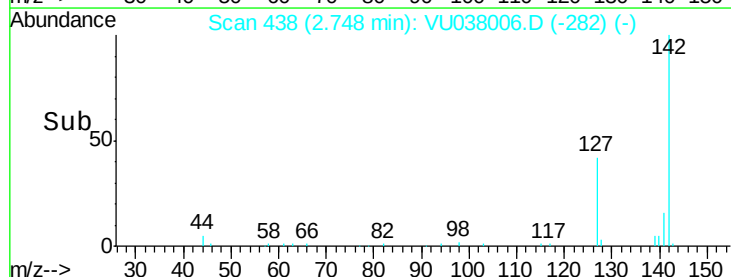
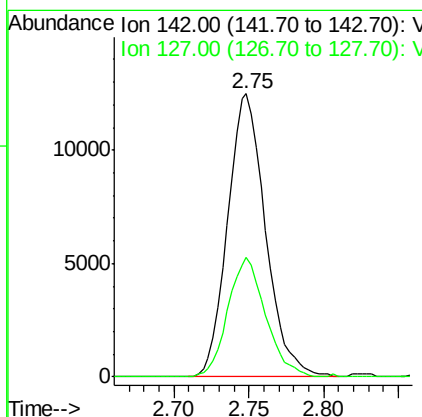
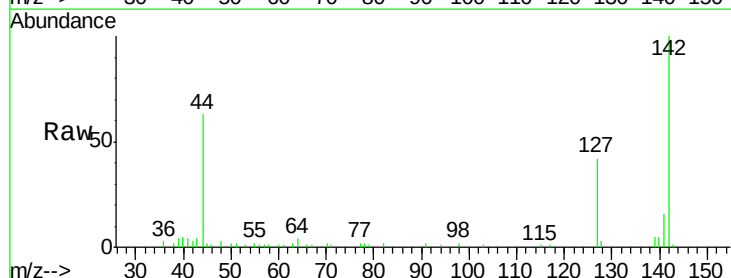
RT: 2.75 min Scan# 438

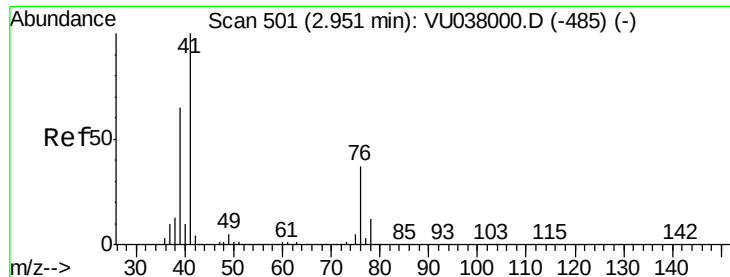
Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Tgt Ion:	142	Resp:	22020
Ion	Ratio	Lower	Upper
142	100		
127	41.8	33.5	50.3





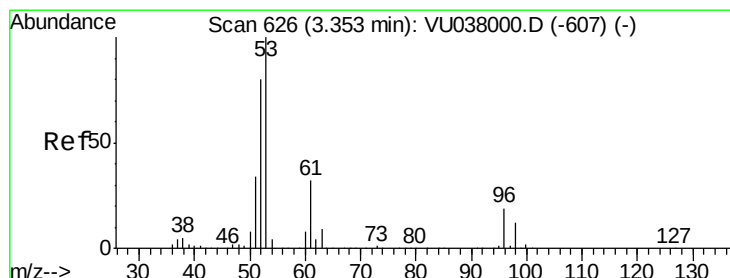
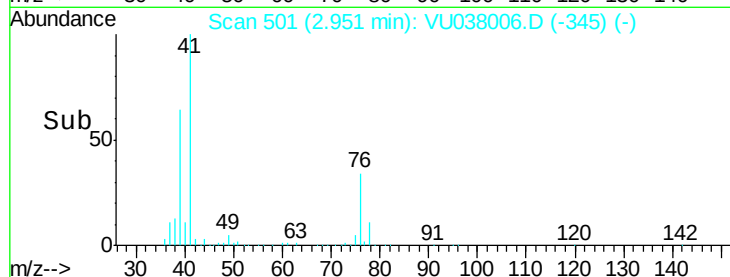
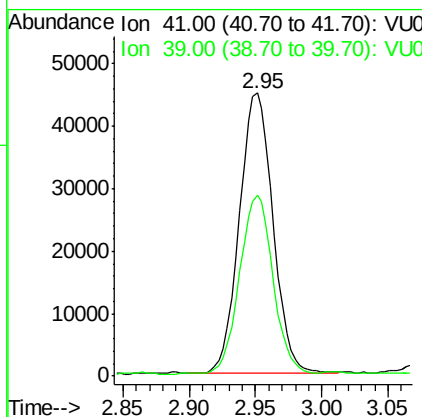
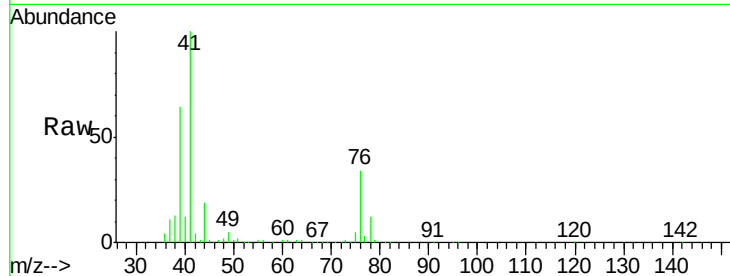
#11
Allvl Chloride
Concen: 1.900 ug/l
RT: 2.95 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampled :
VU0504WBSD01

Tot Ion: 41 Resp: 79297
Ion Ratio Lower Upper
41 100
39 62.3 51.7 77.5

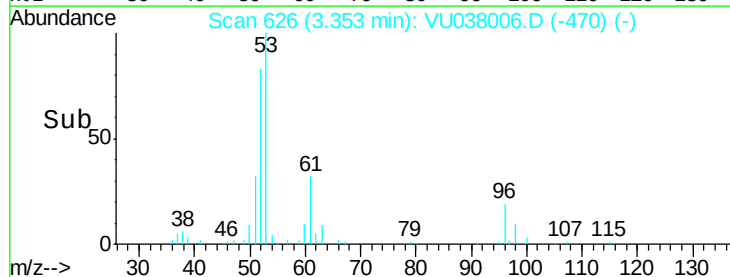
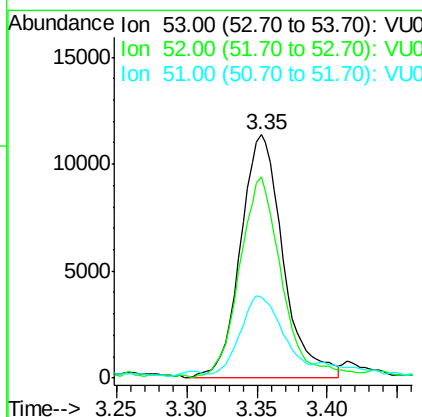
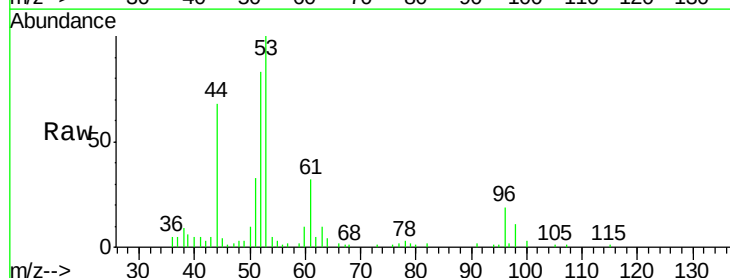
Manual Integrations
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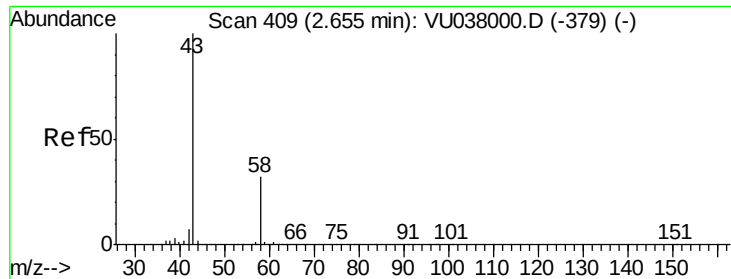
MMDadoda
12/14/2020 8:58:02 AM



#12
Acrylonitrile
Concen: 3.913 ug/l
RT: 3.35 min Scan# 626
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 53 Resp: 24067
Ion Ratio Lower Upper
53 100
52 81.9 63.3 94.9
51 31.5 30.2 45.2





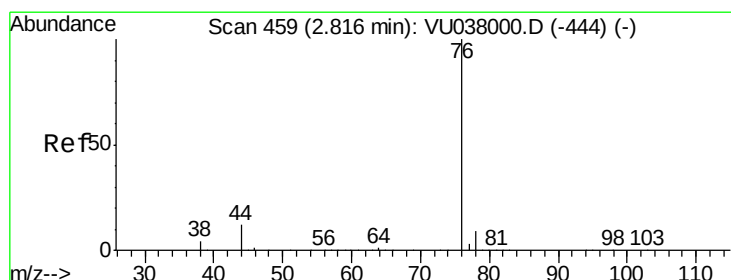
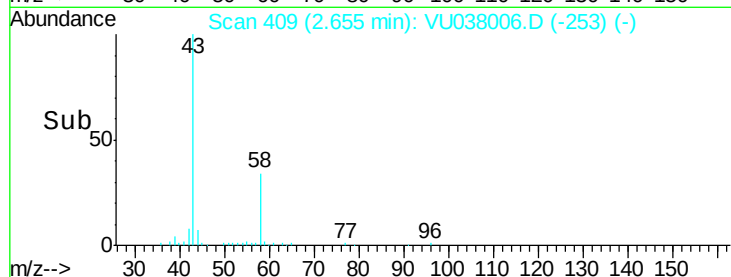
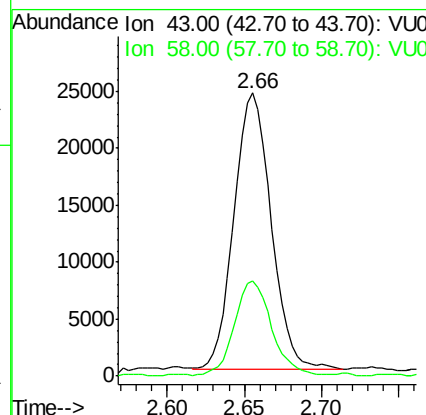
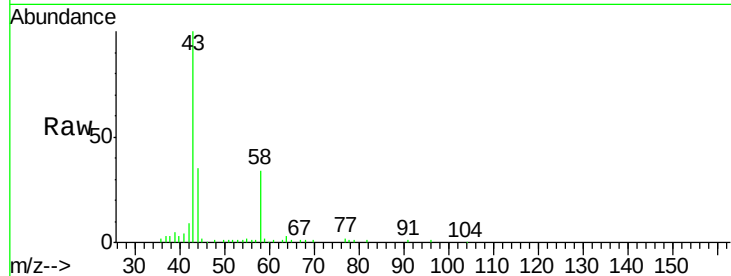
#13
Acetone
Concen: 8.224 ug/l
RT: 2.66 min Scan# 409
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Tot Ion: 43 Resp: 40461
Ion Ratio Lower Upper
43 100
58 34.4 25.2 37.8

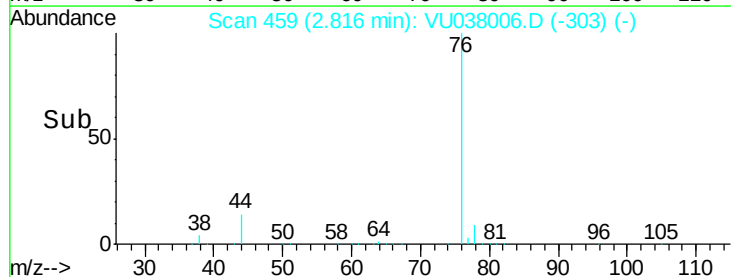
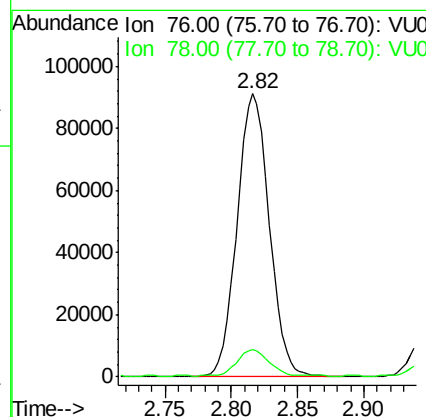
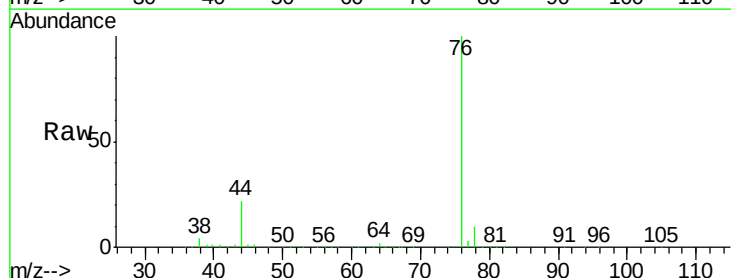
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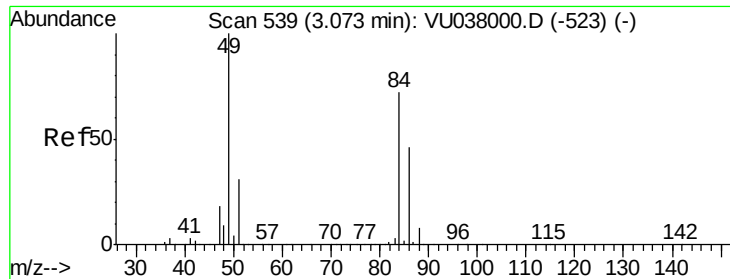
MMDadoda
12/14/2020 8:58:02 AM



#14
Carbon Disulfide
Concen: 1.877 ug/l
RT: 2.82 min Scan# 459
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion: 76 Resp: 154194
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6





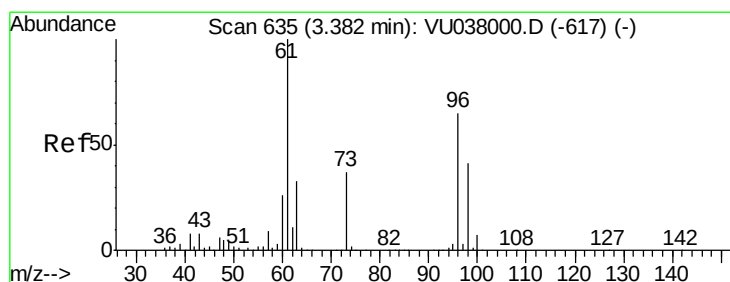
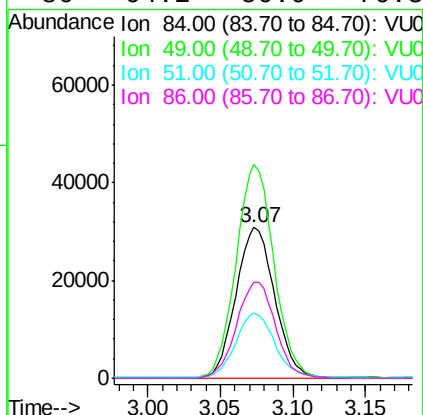
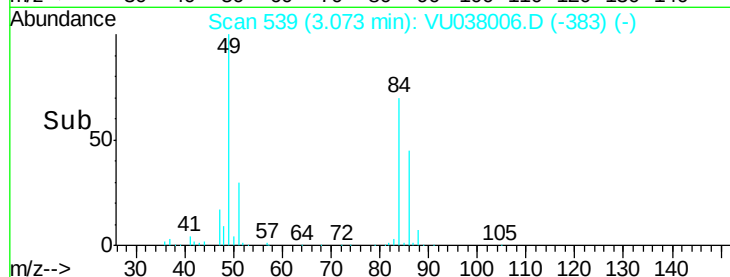
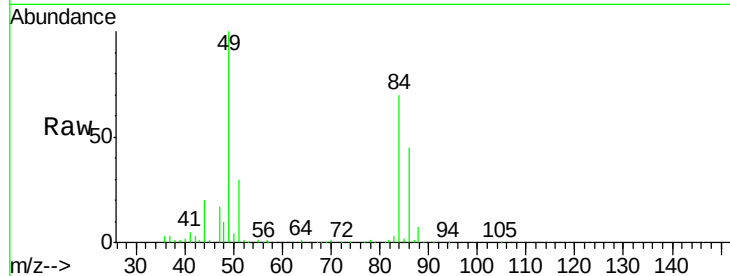
#15
Methylene Chloride
Concen: 1.905 ug/l
RT: 3.07 min Scan# 539
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Tot Ion:	84	Resp:	57354
Ion	Ratio	Lower	Upper
84	100		
49	141.9	110.6	166.0
51	42.4	0.0	85.4
86	64.2	50.9	76.3

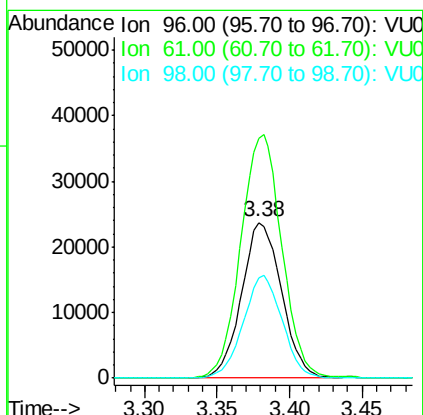
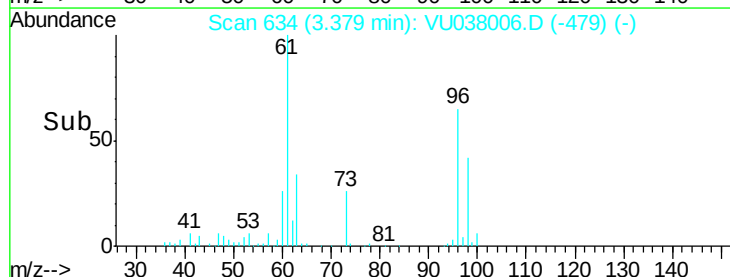
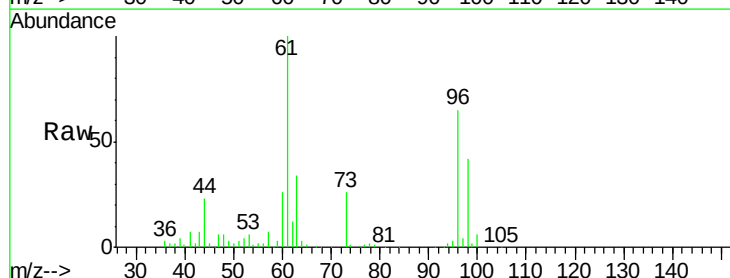
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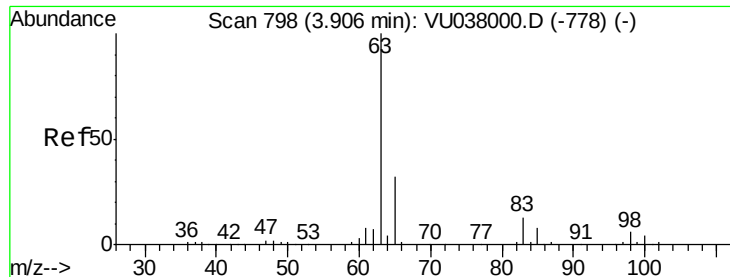
MMDadoda
12/14/2020 8:58:02 AM



#16
trans-1,2-Dichloroethene
Concen: 1.851 ug/l
RT: 3.38 min Scan# 634
Delta R.T. -0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion:	96	Resp:	45566
Ion	Ratio	Lower	Upper
96	100		
61	154.1	122.4	183.6
98	64.2	50.1	75.1





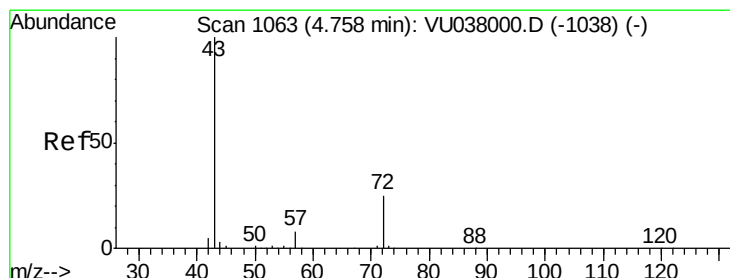
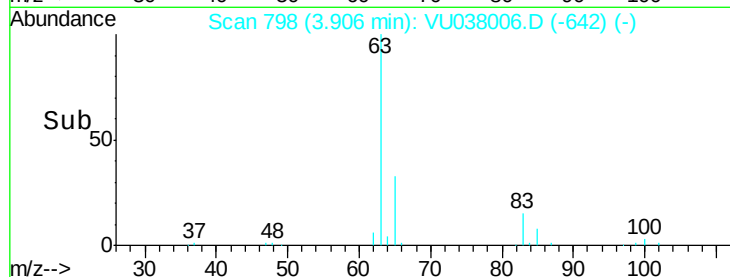
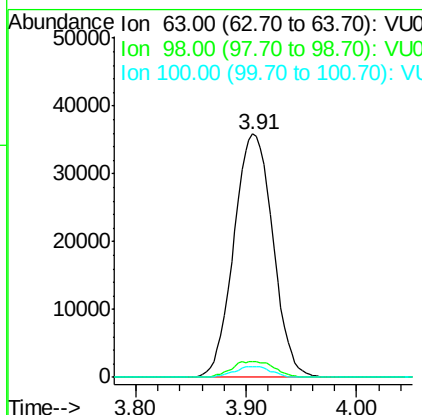
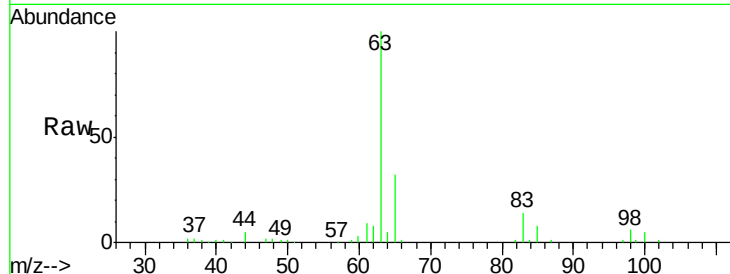
#17
 1,1-Dichloroethane
 Concen: 1.887 ug/l
 RT: 3.91 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBSD01

Tot Ion:	63	Resp:	88117
Ion Ratio	Lower	Upper	
63	100		
98	6.5	3.1	9.4
100	4.5	2.2	6.6

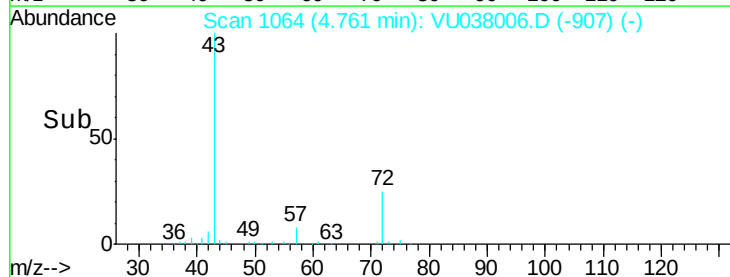
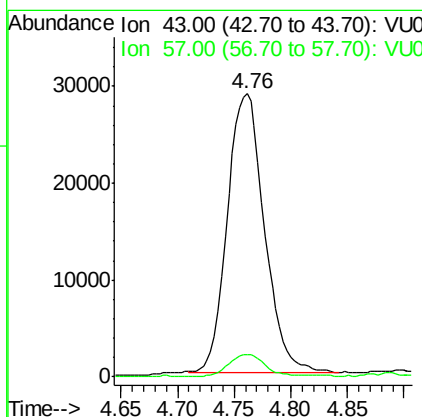
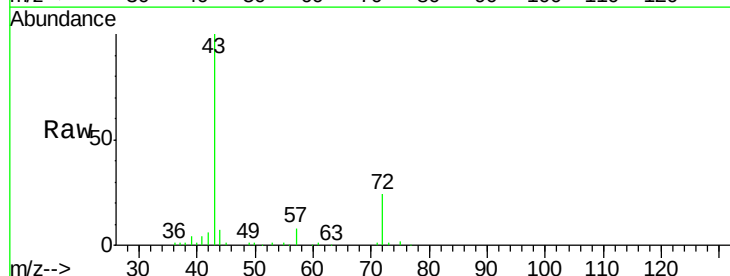
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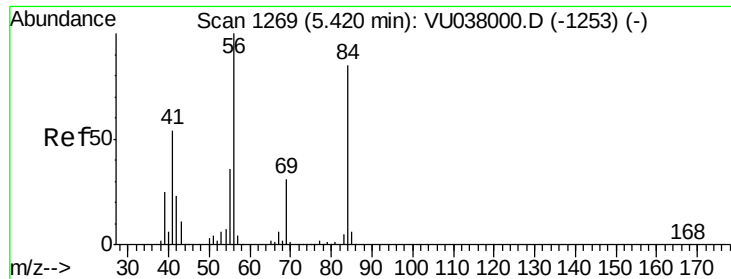
MMDadoda
 12/14/2020 8:58:02 AM



#18
 2-Butanone
 Concen: 8.885 ug/l
 RT: 4.76 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion:	43	Resp:	65540
Ion Ratio	Lower	Upper	
43	100		
57	8.0	0.0	16.6





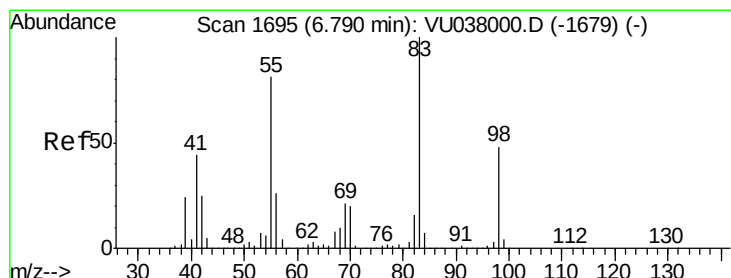
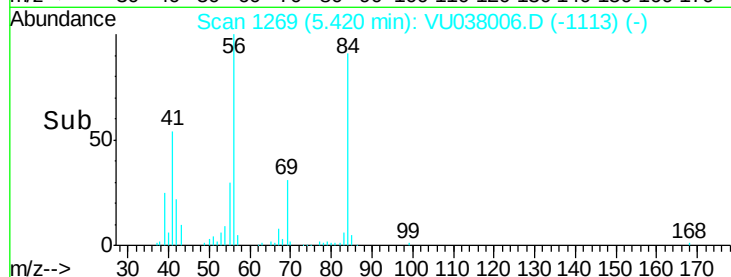
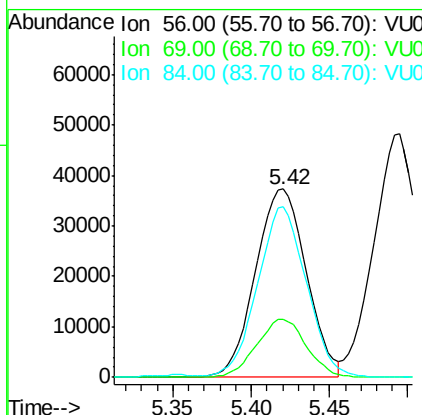
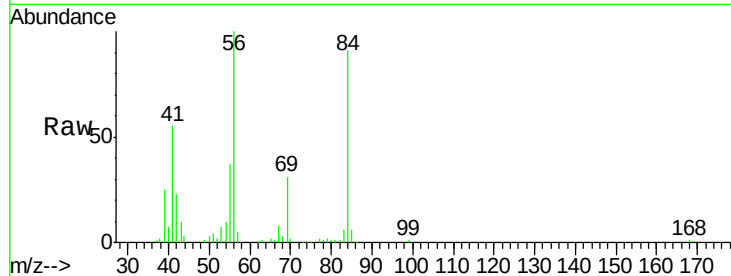
#19
Cyclohexane
Concen: 1.848 ug/l m
RT: 5.42 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Tot Ion	56	Resp	83679
Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.3	36.5
84	86.1	66.3	99.5

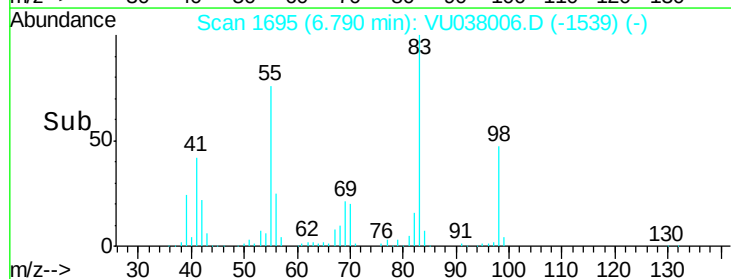
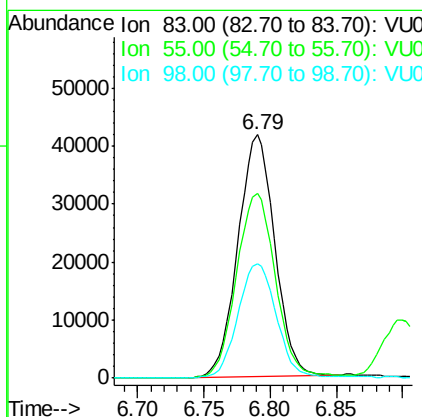
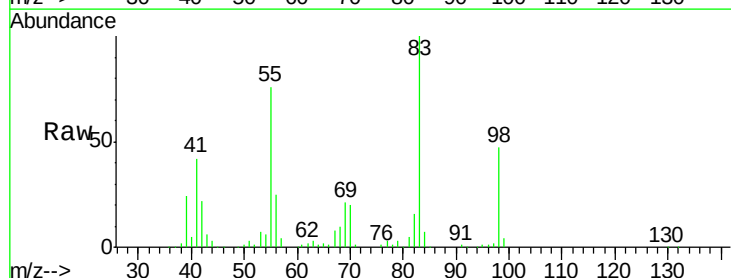
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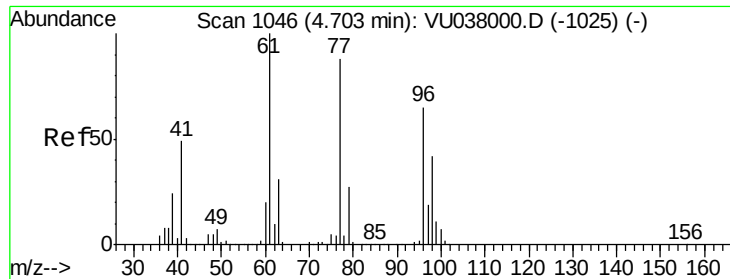
MMDadoda
12/14/2020 8:58:02 AM



#20
Methylcyclohexane
Concen: 1.813 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion	83	Resp	80453
Ion	Ratio	Lower	Upper
83	100		
55	79.5	61.5	92.3
98	48.6	37.3	55.9





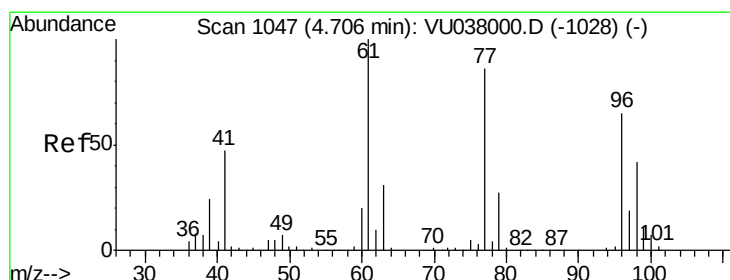
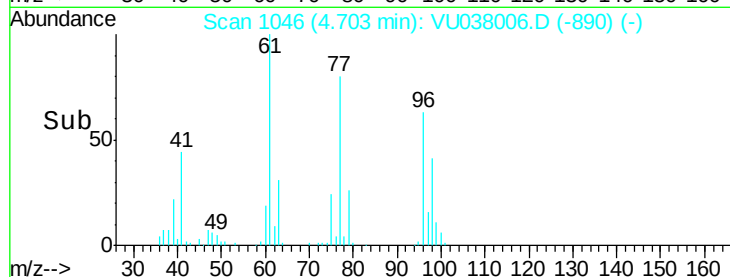
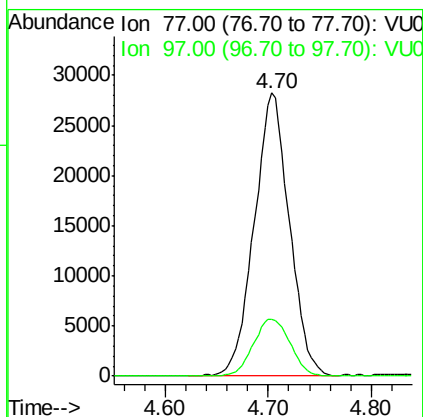
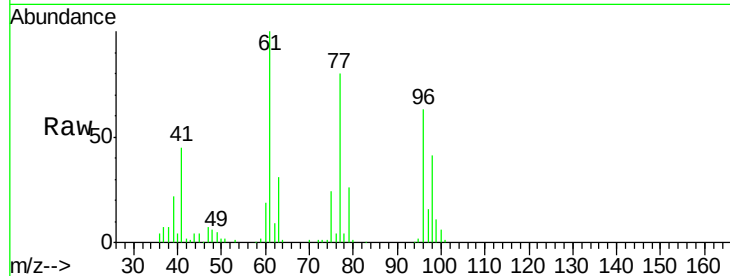
#21
 2,2-Dichloropropane
 Concen: 1.711 ug/l
 RT: 4.70 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBSD01

Tot Ion: 77 Resp: 66759
 Ion Ratio Lower Upper
 77 100
 97 21.1 17.4 26.2

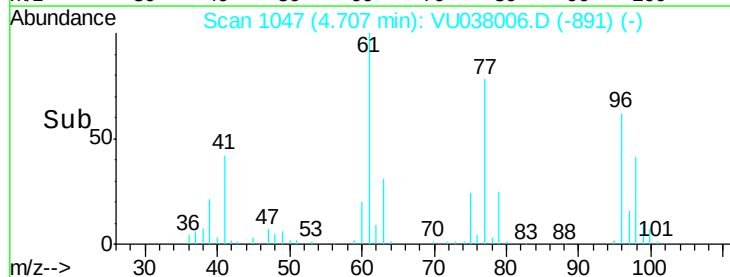
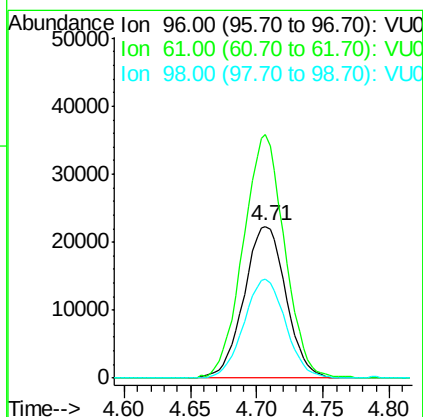
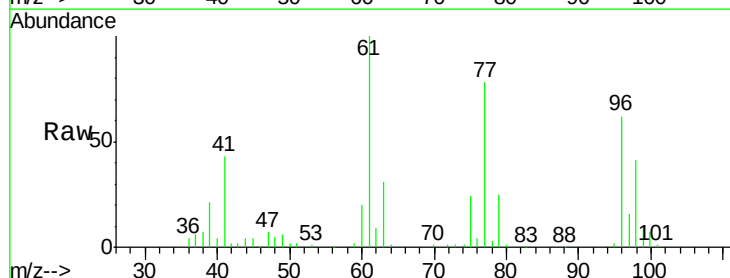
Manual Integrations
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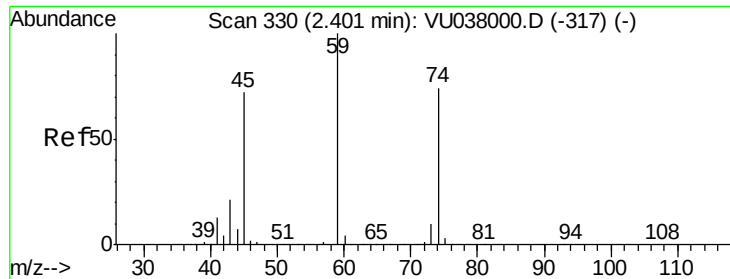
MMDadoda
 12/14/2020 8:58:02 AM



#22
 cis-1,2-Dichloroethene
 Concen: 1.891 ug/l
 RT: 4.71 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion: 96 Resp: 49211
 Ion Ratio Lower Upper
 96 100
 61 158.5 0.0 389.3
 98 64.9 32.1 96.3





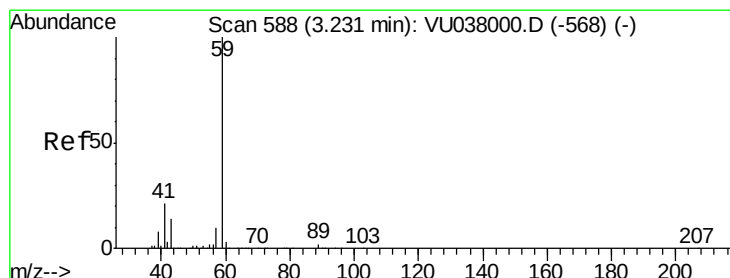
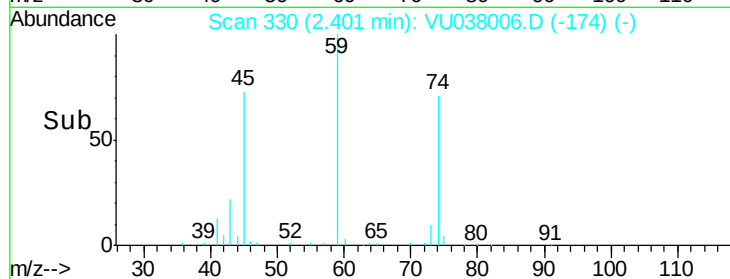
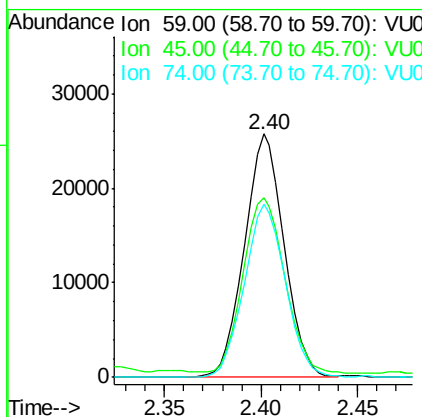
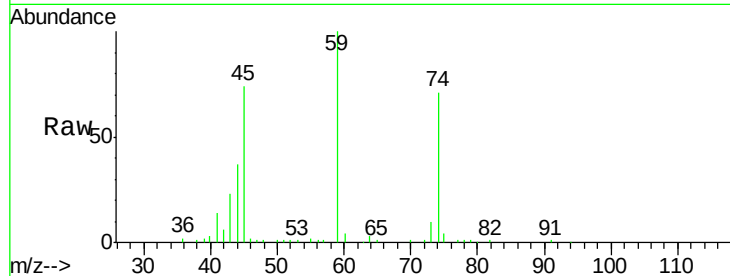
#23
Diethyl Ether
Concen: 1.859 ug/l
RT: 2.40 min Scan# 330
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Tot Ion:	59	Resp:	36688
Ion Ratio	Lower	Upper	
59	100		
45	76.1	59.8	89.6
74	73.6	58.2	87.4

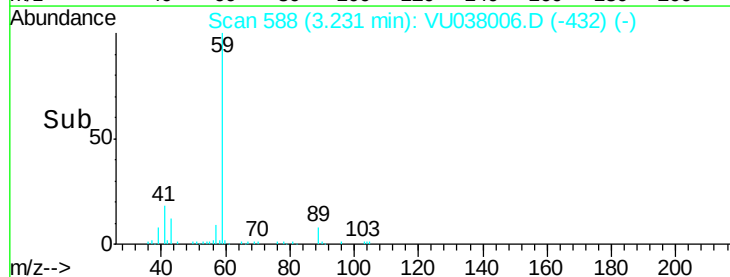
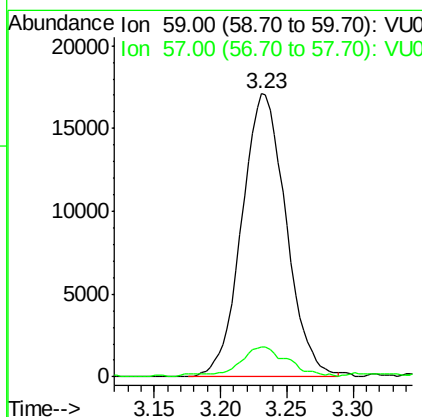
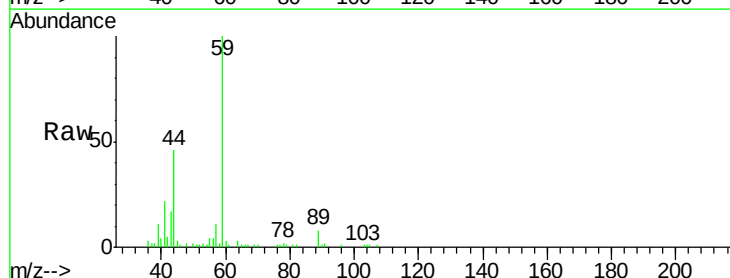
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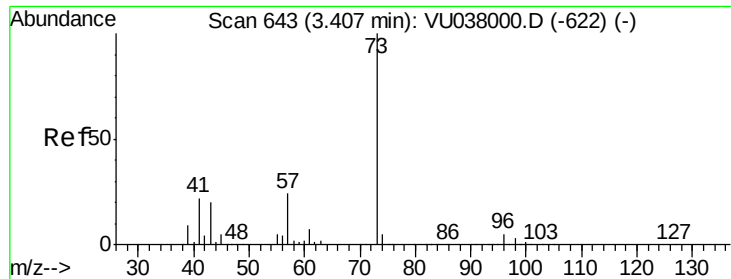
MMDadoda
12/14/2020 8:58:02 AM



#24
tert-Butyl Alcohol
Concen: 18.159 ug/l
RT: 3.23 min Scan# 588
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion:	59	Resp:	39765
Ion Ratio	Lower	Upper	
59	100		
57	11.9	8.2	12.4





#25

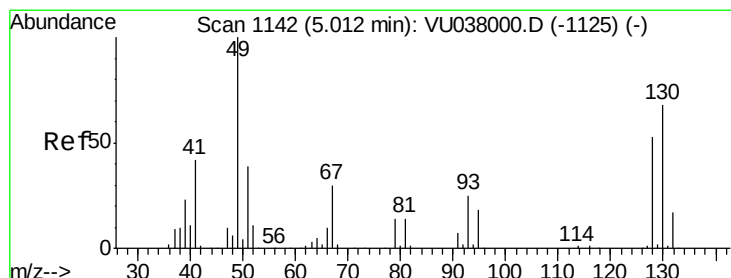
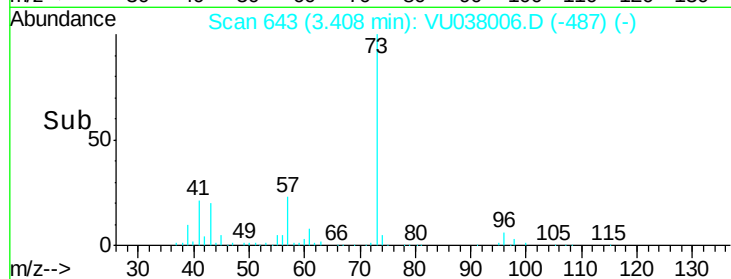
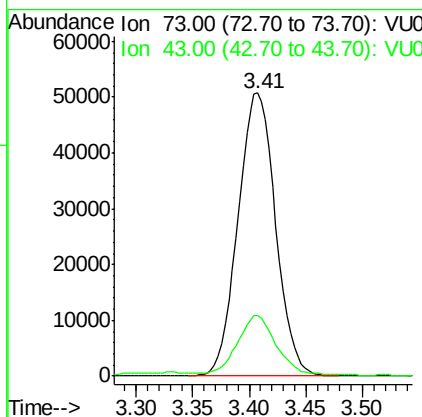
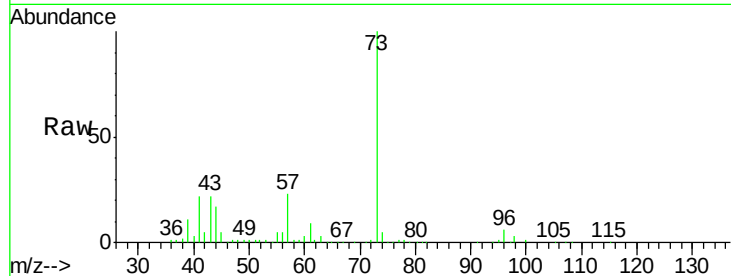
Methyl tert-Butyl Ether
 Concen: 1.903 ug/l
 RT: 3.41 min Scan# 643
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBSD01

Tot Ion	73	Resp	117325
Ion Ratio	Lower	Upper	
73	100		
43	21.7	16.2	24.2

Manual Integrations
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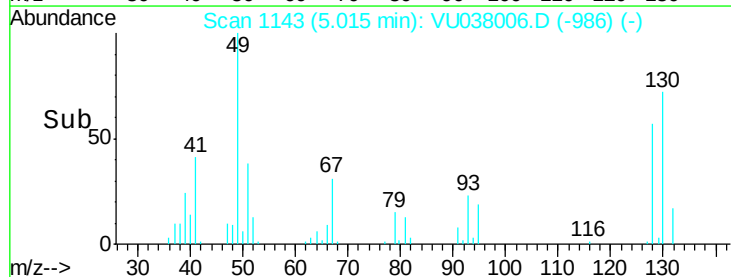
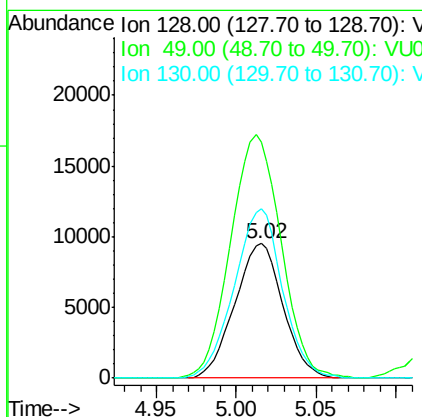
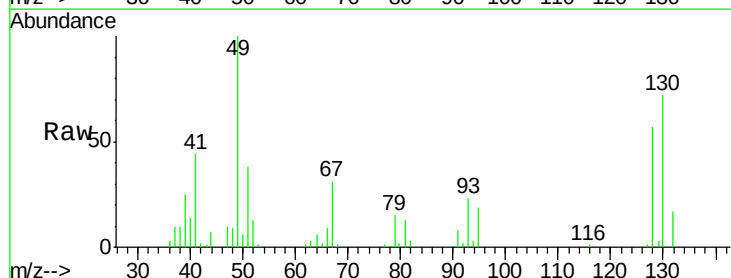
MMDadoda
 12/14/2020 8:58:02 AM

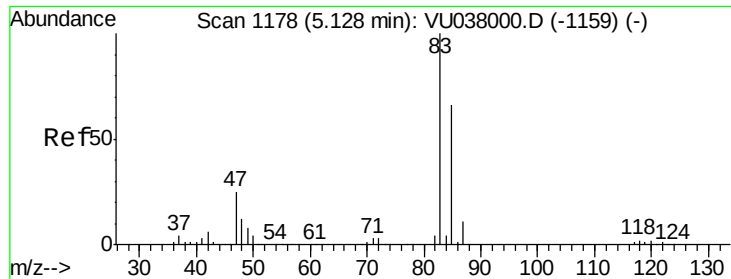


#26

Bromochloromethane
 Concen: 1.868 ug/l
 RT: 5.02 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion	128	Resp	19572
Ion Ratio	Lower	Upper	
128	100		
49	189.6	0.0	376.0
130	126.7	102.6	153.8





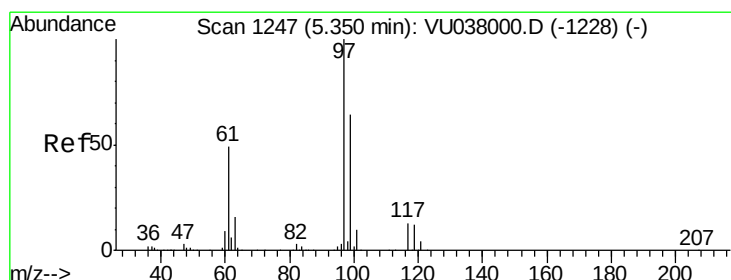
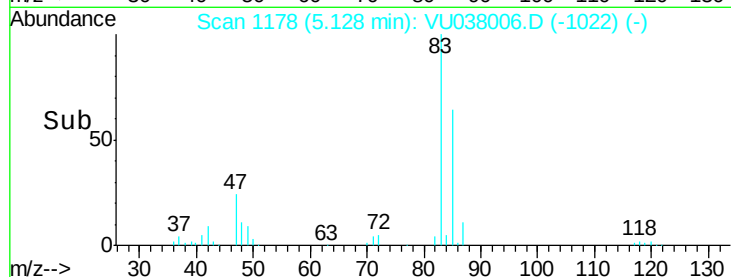
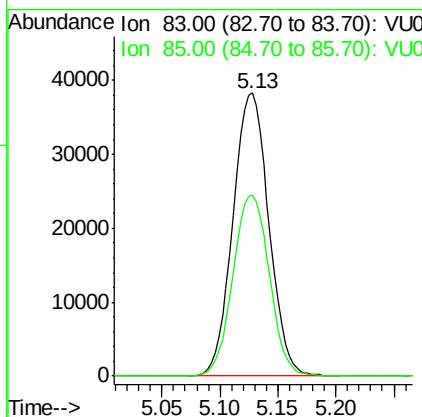
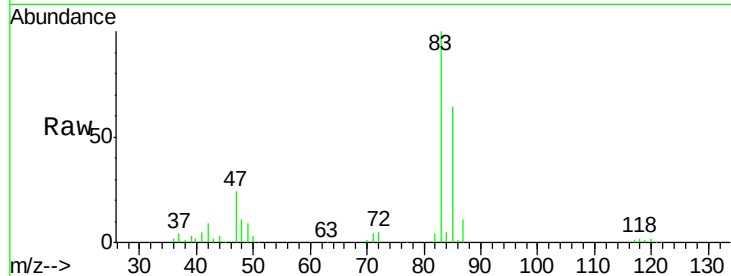
#27
Chloroform
Concen: 1.882 ug/l
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Tot Ion	83	Resp	82402
Ion Ratio	100	Lower	Upper
85	64.1	0.0	132.0

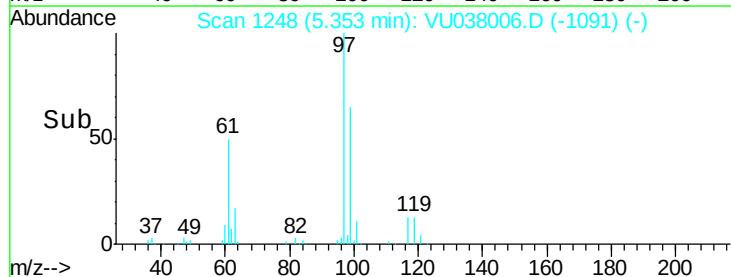
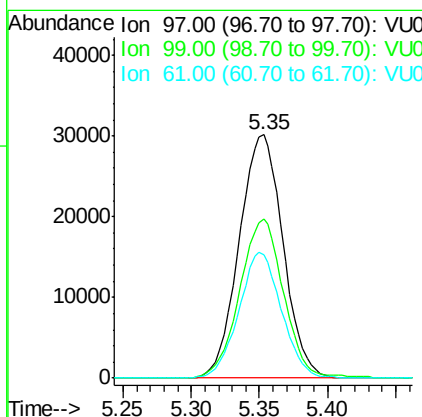
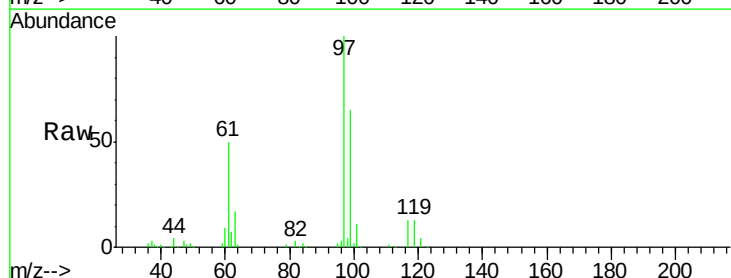
Manual Integrations
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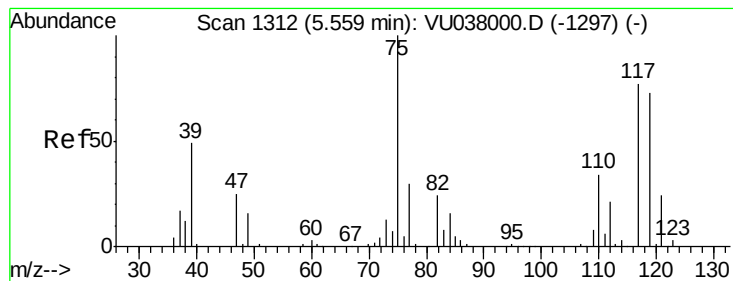
MMDadoda
12/14/2020 8:58:02 AM



#28
1,1,1-Trichloroethane
Concen: 1.865 ug/l
RT: 5.35 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion	97	Resp	67292
Ion Ratio	100	Lower	Upper
99	65.0	31.9	95.9
61	50.4	24.1	72.4





#29

1,1-Dichloropropene

Concen: 1.886 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion: 75 Resp: 68495

Ion Ratio Lower Upper

75 100

110 32.7 16.7 50.1

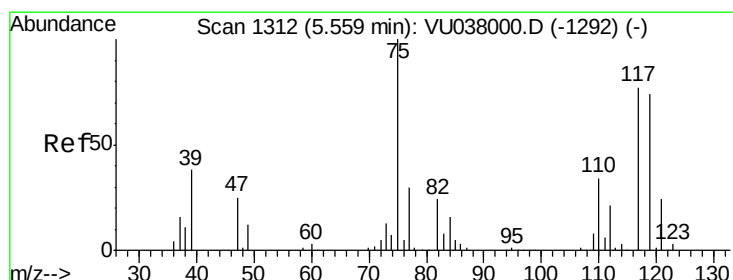
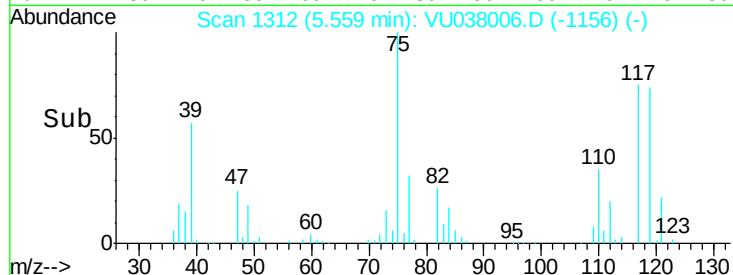
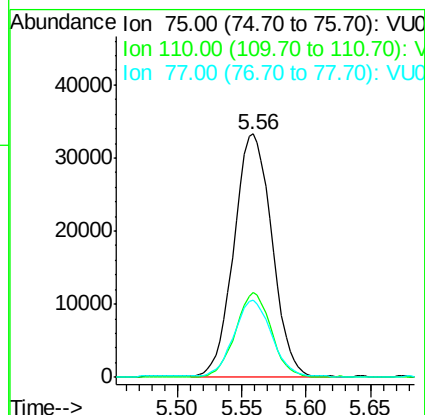
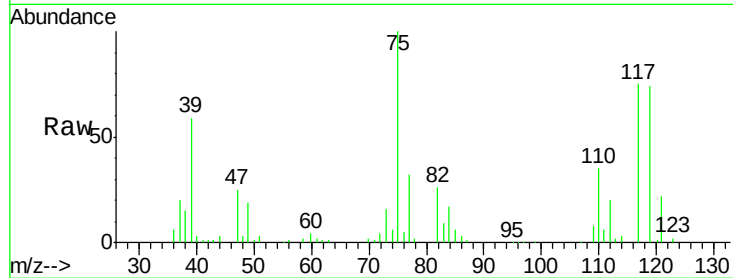
77 30.4 24.5 36.7

Manual Integrations

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#30

Carbon Tetrachloride

Concen: 1.845 ug/l

RT: 5.56 min Scan# 1312

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

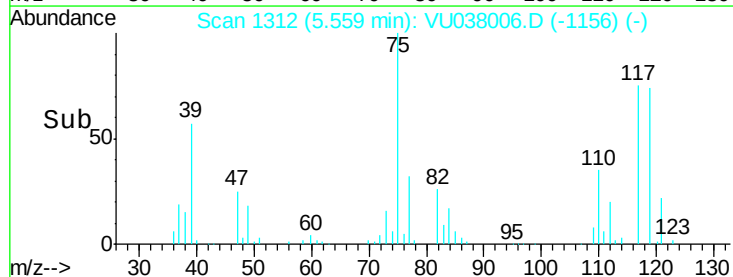
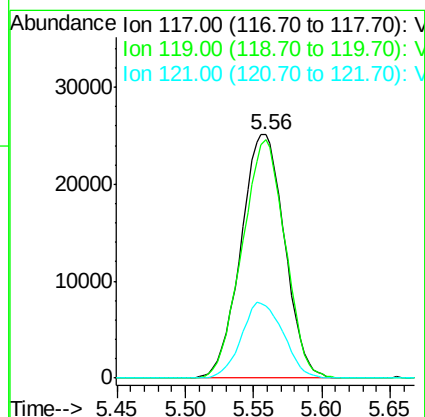
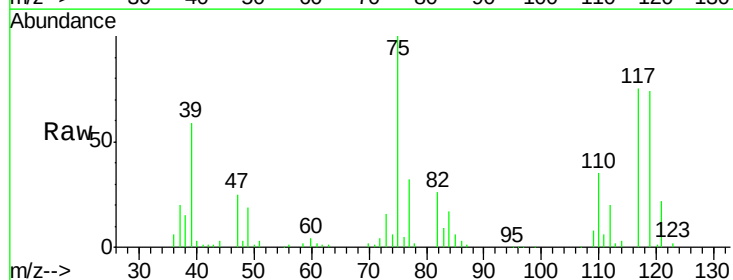
Tgt Ion: 117 Resp: 55706

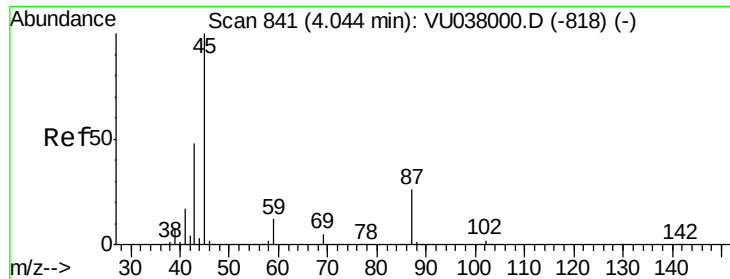
Ion Ratio Lower Upper

117 100

119 98.1 76.3 114.5

121 29.7 24.7 37.1





#31

Isopropyl Ether

Concen: 1.836 ug/l

RT: 4.05 min Scan# 842

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion: 45 Resp: 141082

Ion Ratio Lower Upper

45 100

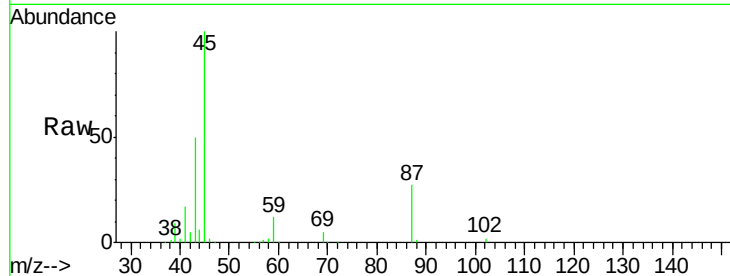
43 50.8 24.2 72.6

Manual Integrations

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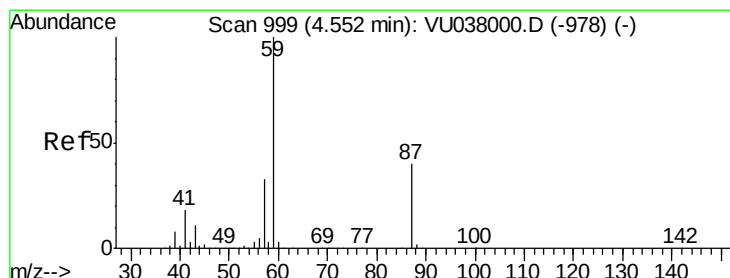
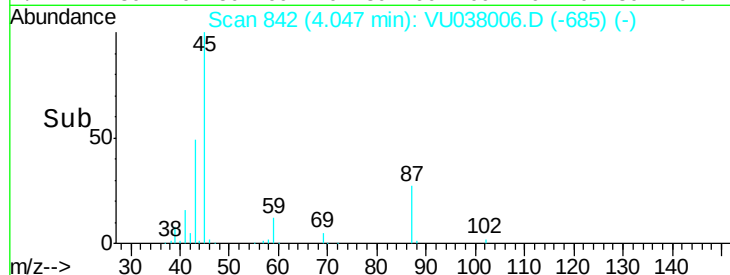
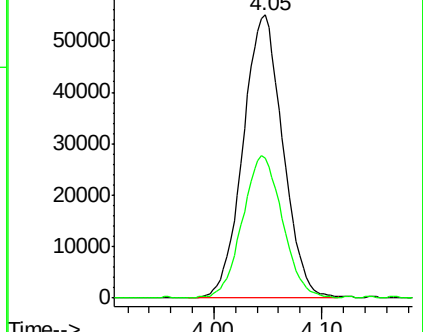
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Abundance Ion 45.00 (44.70 to 45.70): VU038006.D (-842) (-)

Ion 43.00 (42.70 to 43.70): VU038006.D (-842) (-)



#32

Ethyl-t-butyl ether

Concen: 1.838 ug/l

RT: 4.55 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU038006.D

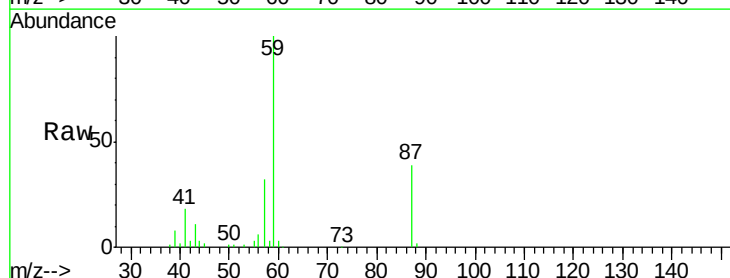
Acq: 04 May 2020 17:44

Tgt Ion: 59 Resp: 127513

Ion Ratio Lower Upper

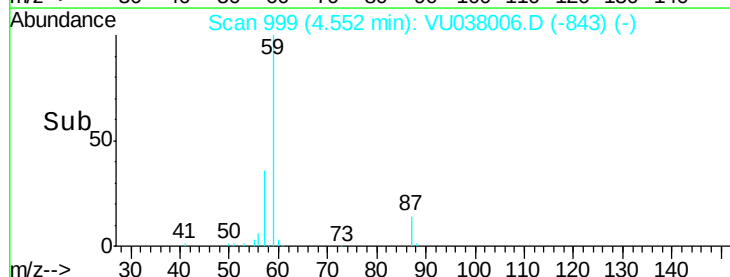
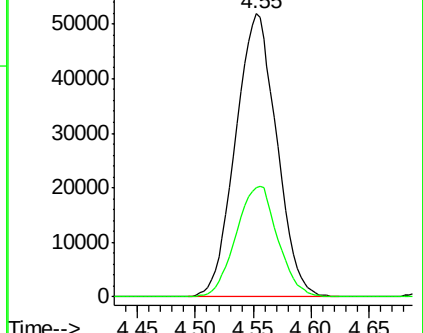
59 100

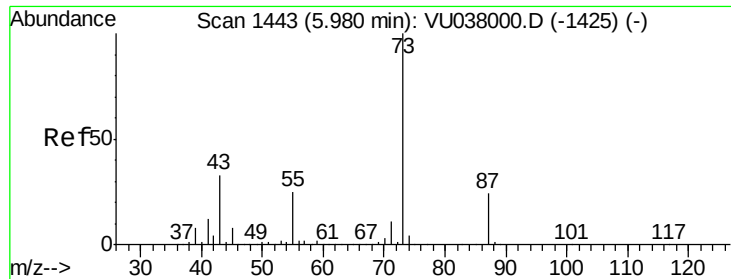
87 39.8 32.4 48.6



Abundance Ion 59.00 (58.70 to 59.70): VU038006.D (-843) (-)

Ion 87.00 (86.70 to 87.70): VU038006.D (-843) (-)





#33

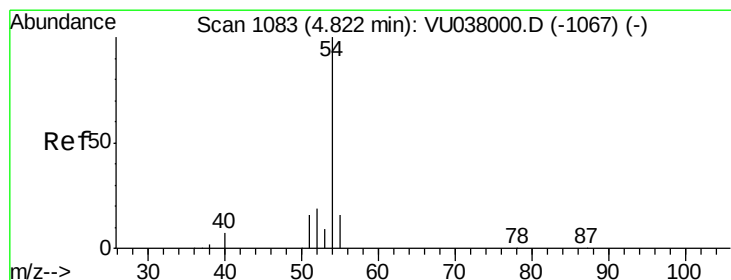
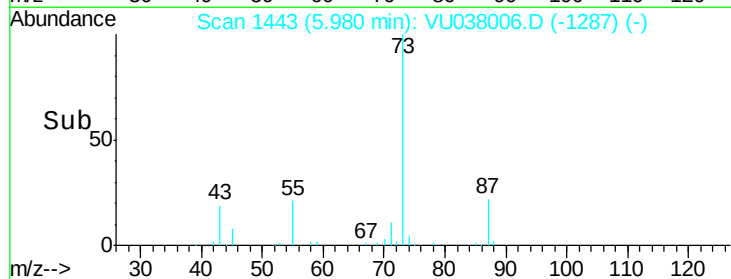
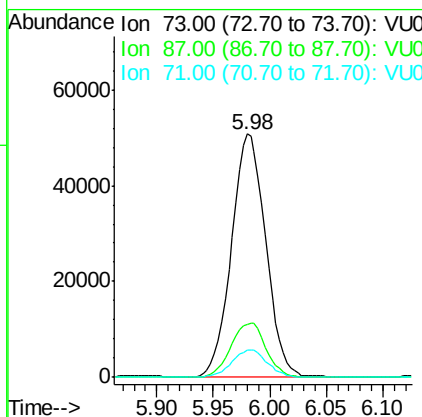
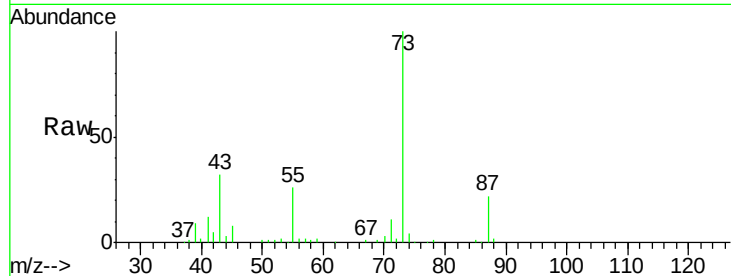
Tert-Butyl methyl ether
 Concen: 1.789 ug/l
 RT: 5.98 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.9	18.9	28.3
71	11.4	9.1	13.7

Manual Integrations
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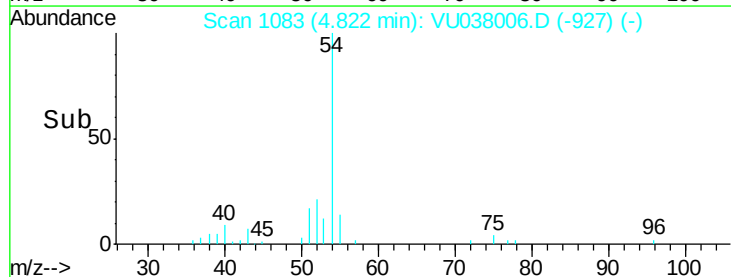
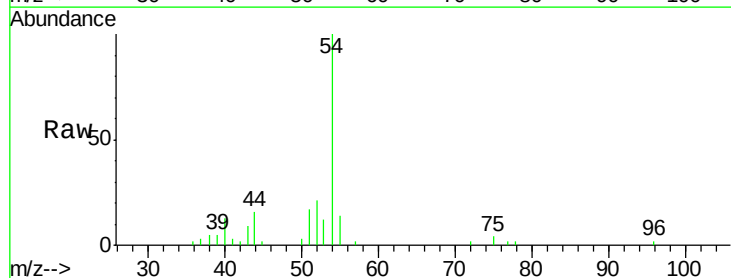
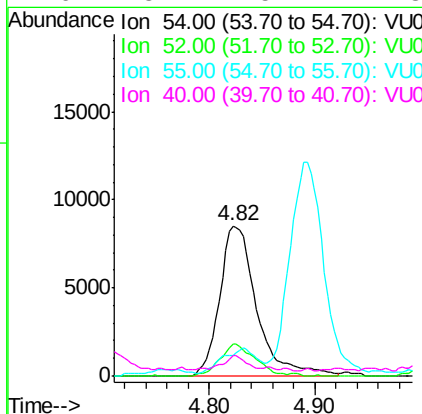
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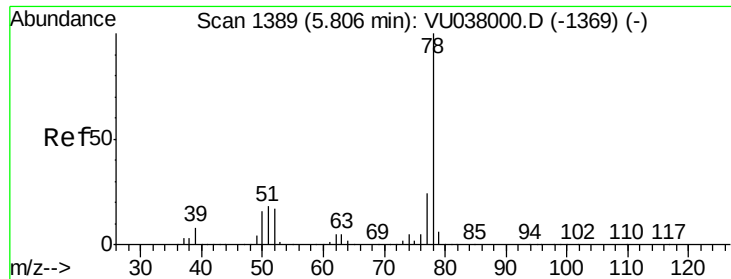


#34

Propionitrile
 Concen: 9.798 ug/l
 RT: 4.82 min Scan# 1083
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.1	15.8	23.8
55	15.2	13.2	19.8
40	5.2	5.2	7.8#





#35

Benzene

Concen: 1.917 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion: 78 Resp: 194844

Ion Ratio Lower Upper

78 100

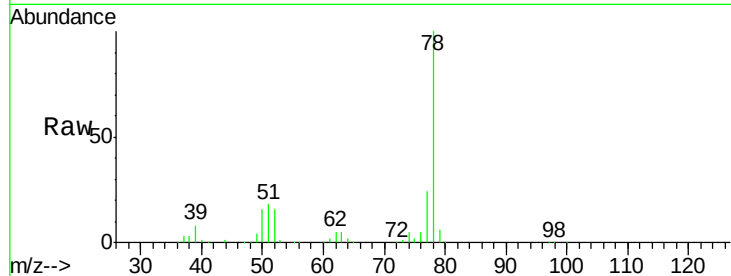
77 24.1 19.3 28.9

Manual Integrations

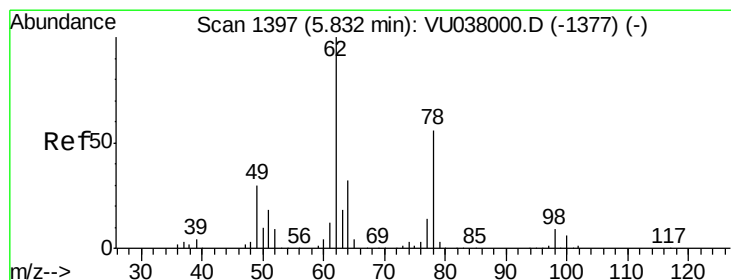
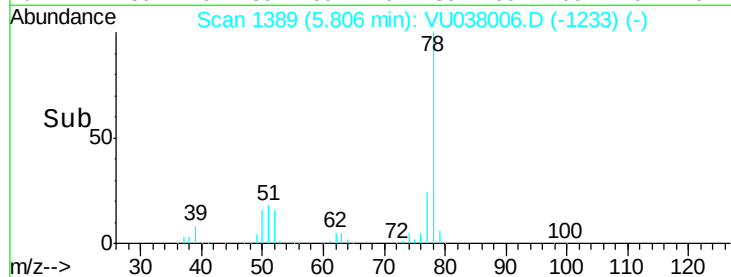
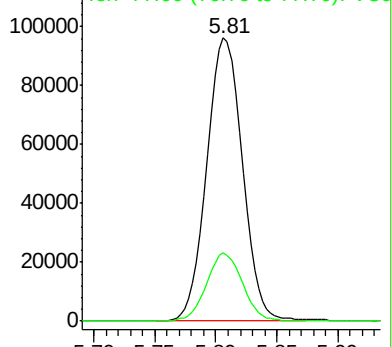
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Abundance Ion 78.10 (77.80 to 78.80): VU038006.D (-1233) (-)



#36

1,2-Dichloroethane

Concen: 1.870 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038006.D

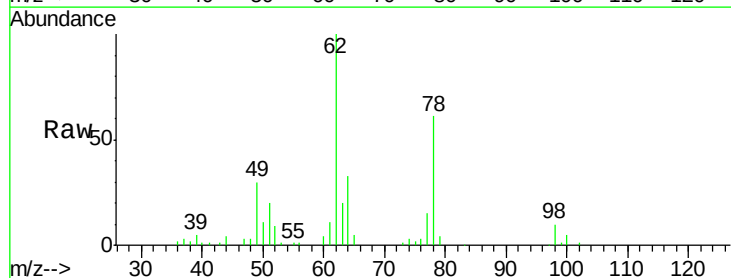
Acq: 04 May 2020 17:44

Tgt Ion: 62 Resp: 56229

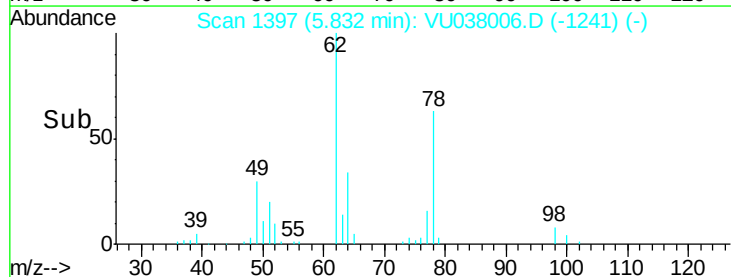
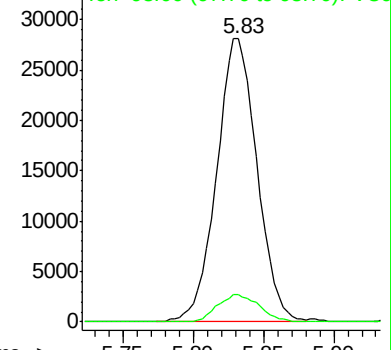
Ion Ratio Lower Upper

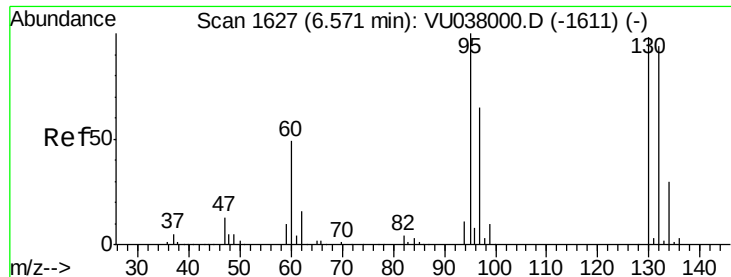
62 100

98 10.0 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU038006.D (-1241) (-)





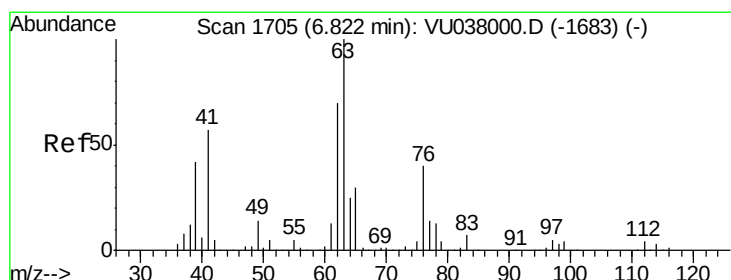
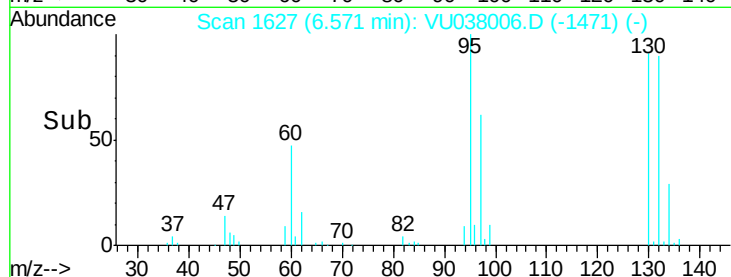
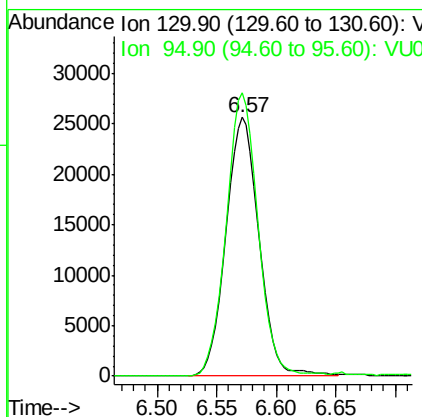
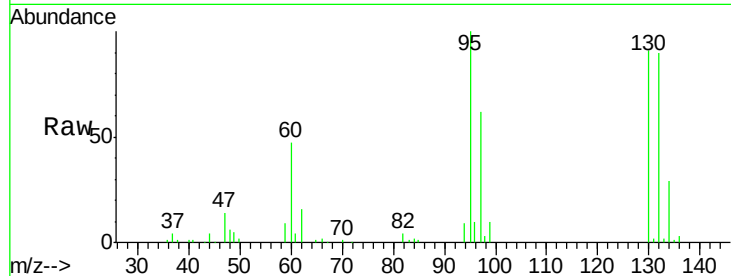
#37
 Trichloroethene
 Concen: 1.852 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBSD01

Tot Ion:130 Resp: 49434
 Ion Ratio Lower Upper
 130 100
 95 109.3 81.6 122.4

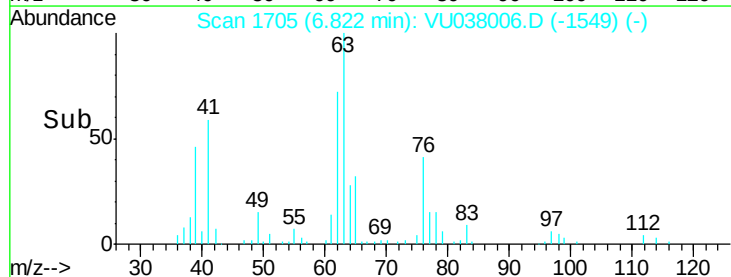
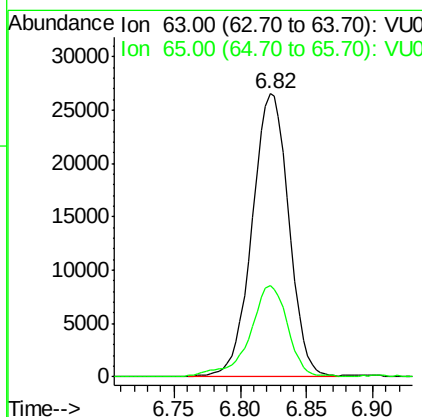
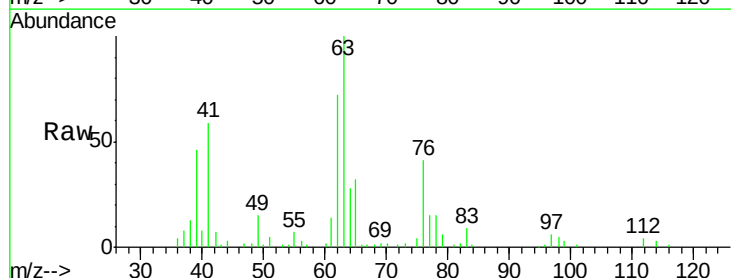
Manual Integrations
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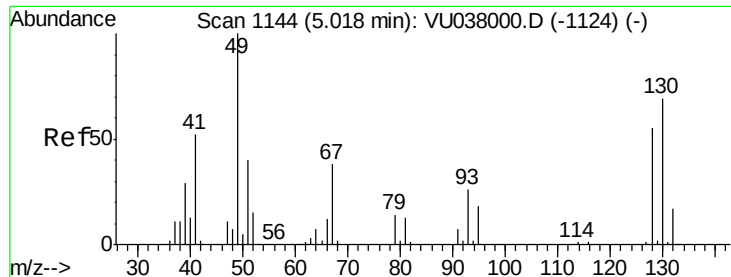
MMDadoda
 12/14/2020 8:58:02 AM



#38
 1,2-Dichloropropane
 Concen: 1.877 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion: 63 Resp: 51333
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.1 36.1





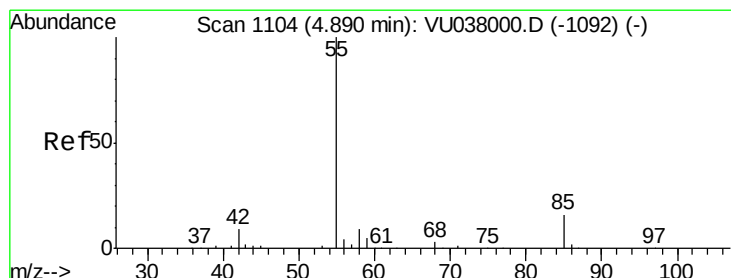
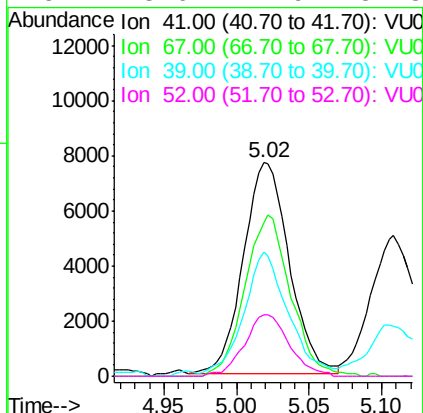
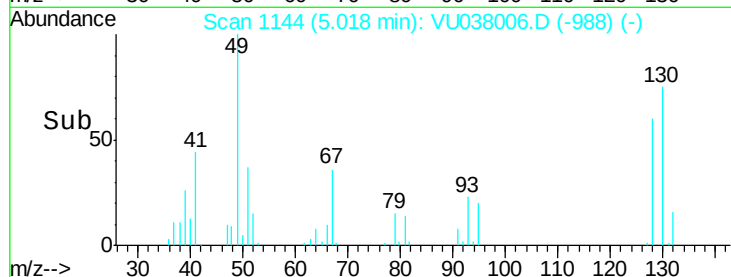
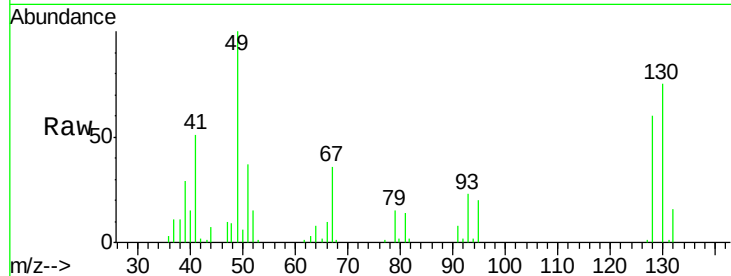
#39
Methacrylonitrile
Concen: 1.701 ug/l
RT: 5.02 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
67	76.2	58.0	87.0		
39	53.8	43.2	64.8		
52	28.6	22.9	34.3		

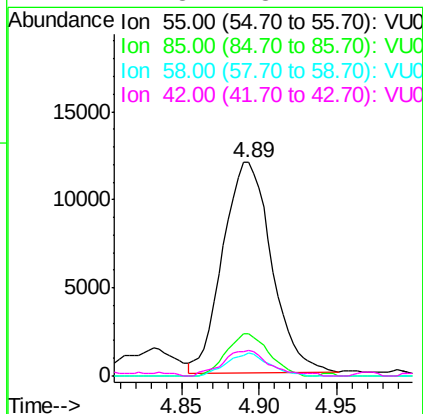
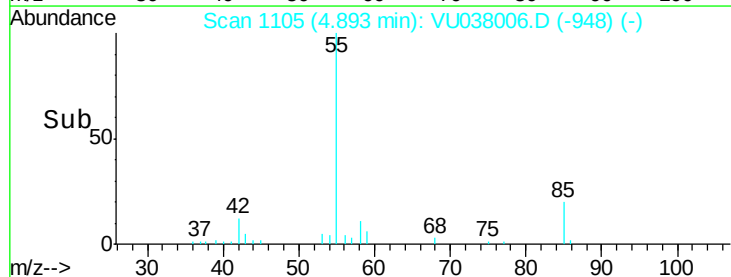
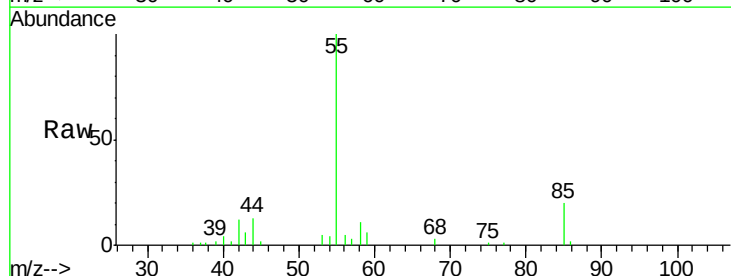
Manual Integrations
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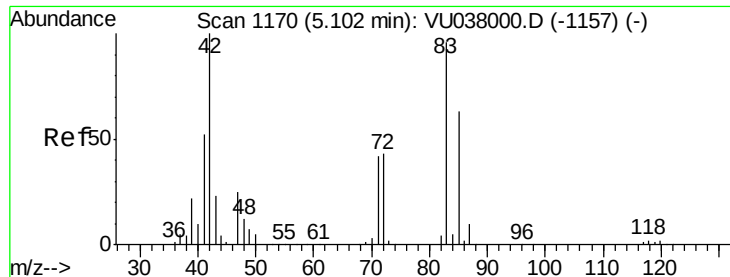
MMDadoda
12/14/2020 8:58:02 AM



#40
Methyl acrylate
Concen: 1.790 ug/l
RT: 4.89 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
55	100				
85	17.5	12.9	19.3		
58	9.6	7.2	10.8		
42	11.8	8.1	12.1		





#41

Tetrahydrofuran

Concen: 3.592 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.01 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

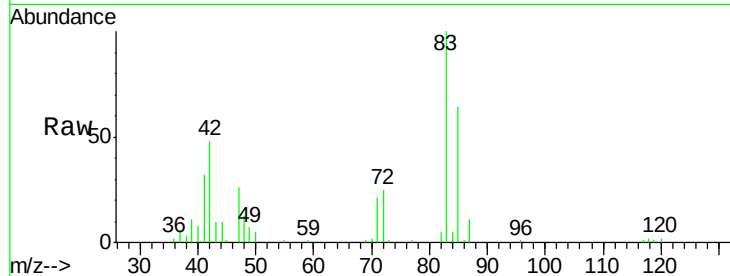
ClientSampled :

VU0504WBSD01

Tot Ion:	42	Resp:	17727
Ion	Ratio	Lower	Upper
42	100		
72	50.3	37.4	56.2
71	43.1	32.8	49.2

Manual Integrations
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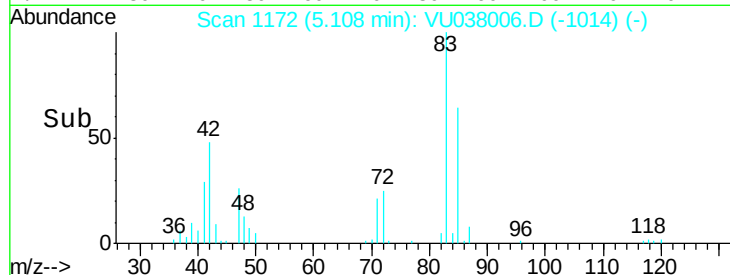


Abundance Ion 42.00 (41.70 to 42.70): VU038006.D (-1157) (-)

Ion 72.00 (71.70 to 72.70): VU038006.D (-1157) (-)

Ion 71.00 (70.70 to 71.70): VU038006.D (-1157) (-)

Time-->



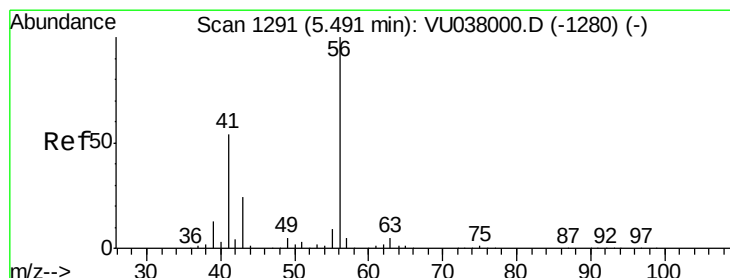
Abundance

Ion 42.00 (41.70 to 42.70): VU038006.D (-1014) (-)

Ion 72.00 (71.70 to 72.70): VU038006.D (-1014) (-)

Ion 71.00 (70.70 to 71.70): VU038006.D (-1014) (-)

Time-->



#42

1-Chlorobutane

Concen: 1.849 ug/l

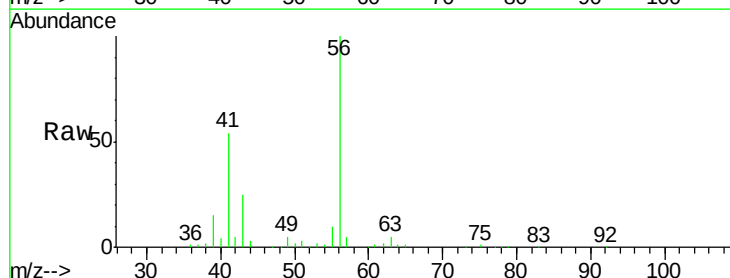
RT: 5.49 min Scan# 1292

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

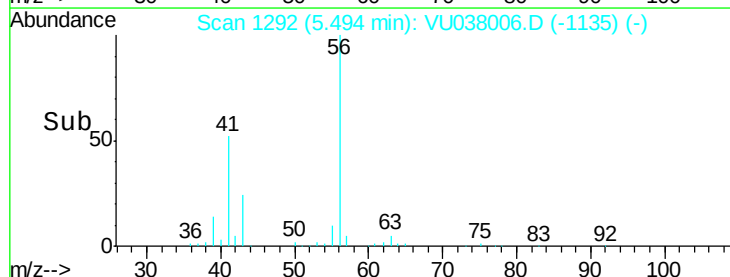
Tgt Ion:	56	Resp:	96782
Ion	Ratio	Lower	Upper
56	100		
41	55.5	26.8	80.4



Abundance Ion 56.00 (55.70 to 56.70): VU038006.D (-1280) (-)

Ion 41.00 (40.70 to 41.70): VU038006.D (-1280) (-)

Time-->

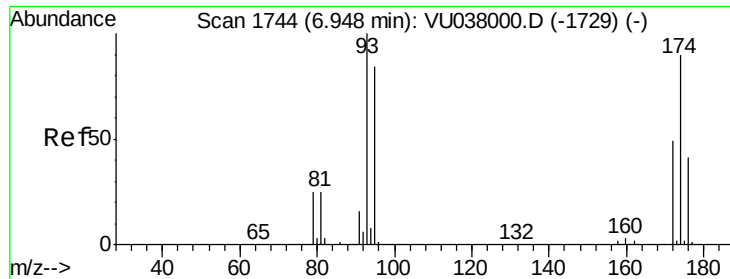


Abundance

Ion 56.00 (55.70 to 56.70): VU038006.D (-1135) (-)

Ion 41.00 (40.70 to 41.70): VU038006.D (-1135) (-)

Time-->



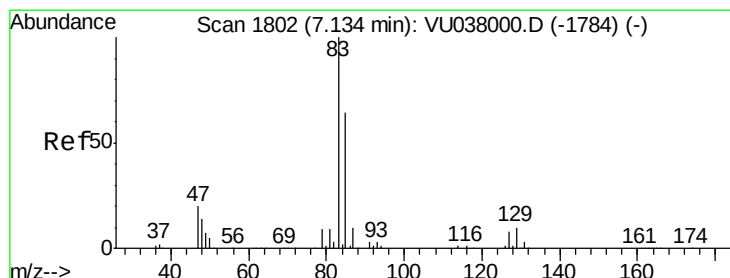
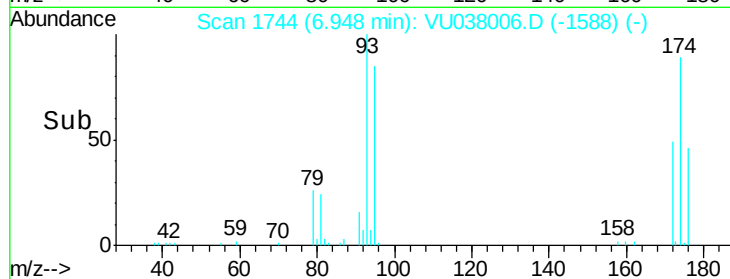
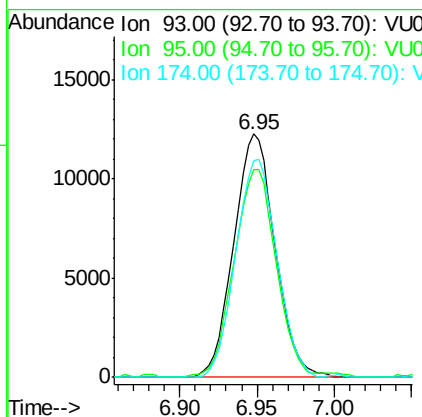
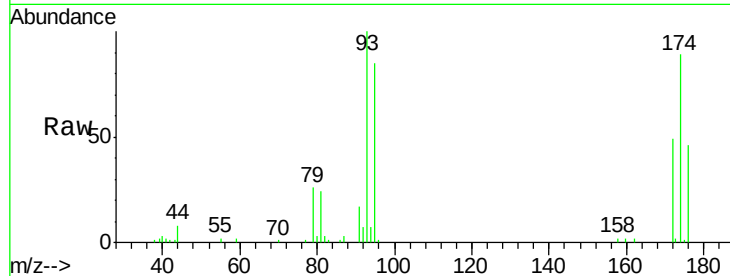
#43
Dibromomethane
Concen: 1.790 ug/l
RT: 6.95 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Tot Ion	93	Resp	22812
Ion	Ratio	Lower	Upper
93	100		
95	88.2	66.1	99.1
174	89.0	72.8	109.2

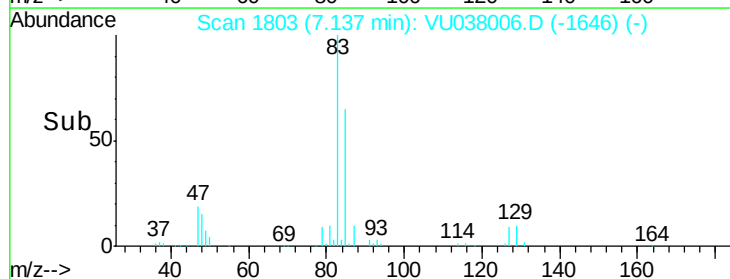
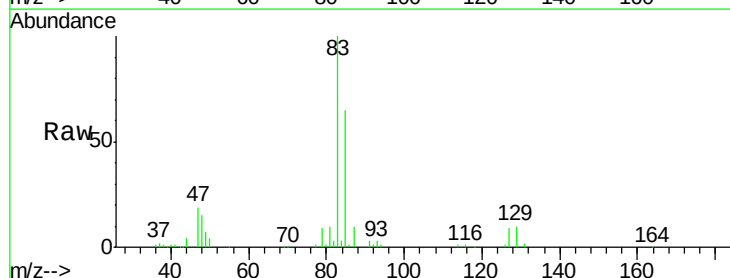
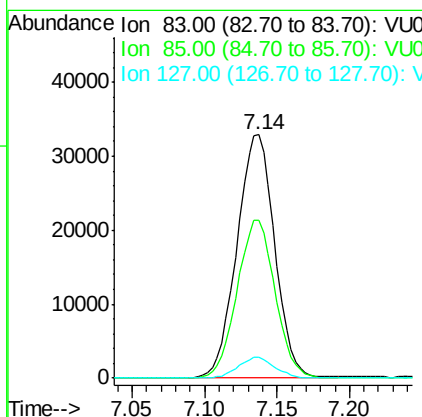
Manual Integrations
APPROVED

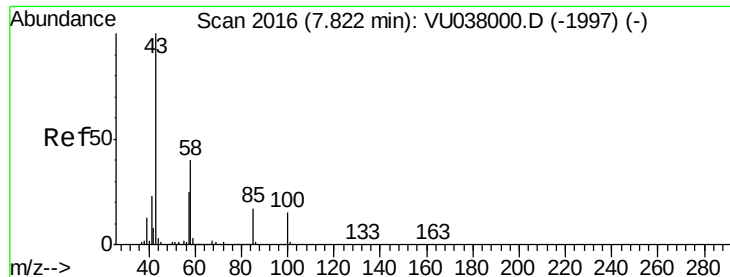
MMDadoda
12/14/2020 8:58:02 AM



#44
Bromodichloromethane
Concen: 1.865 ug/l
RT: 7.14 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion	83	Resp	59676
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.4	77.0
127	8.5	6.2	9.2





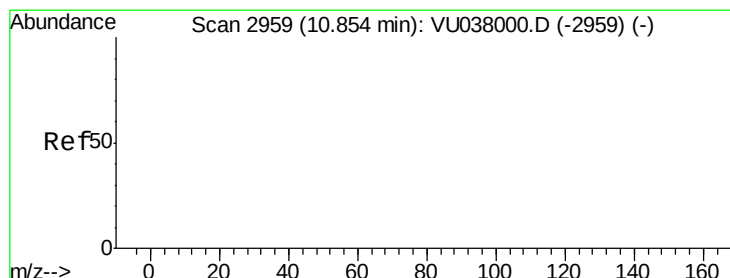
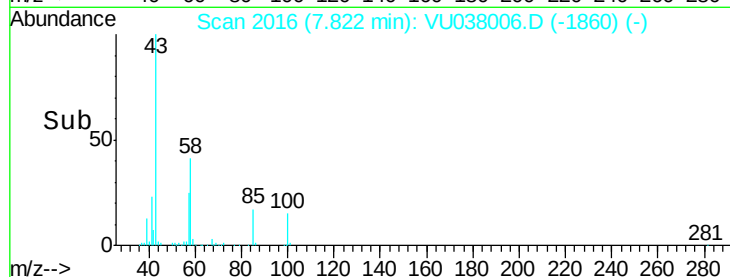
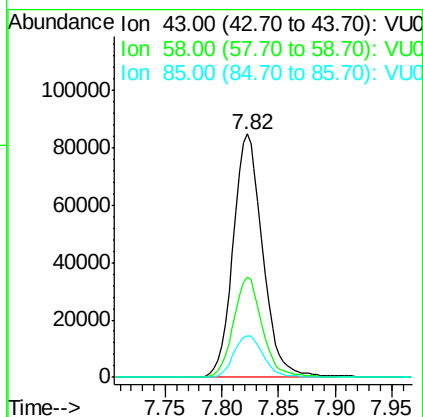
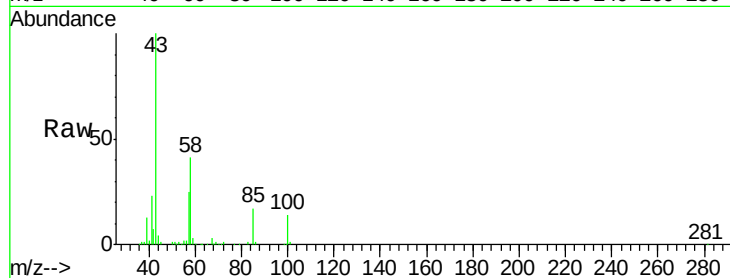
#45
4-Methyl-2-Pentanone
Concen: 8.902 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.3	20.1	60.3
85	17.2	13.7	20.5

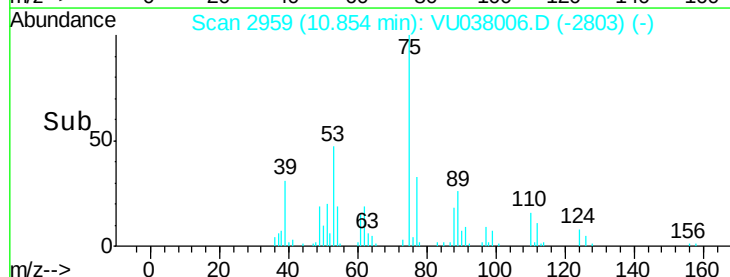
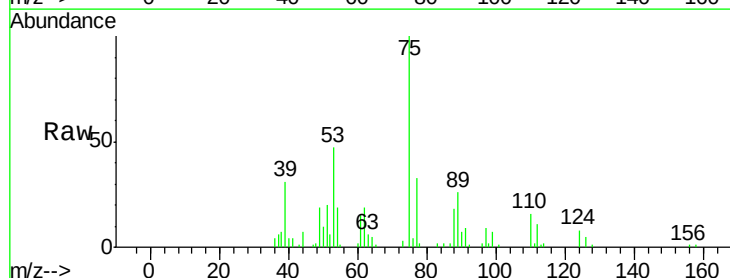
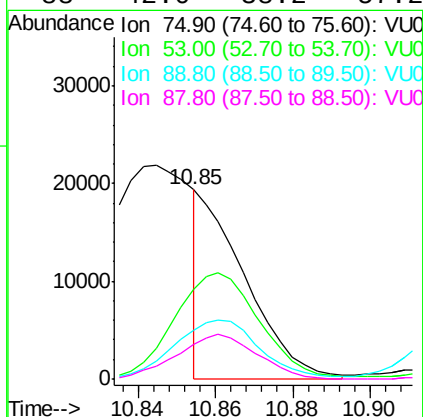
Manual Integrations
APPROVED

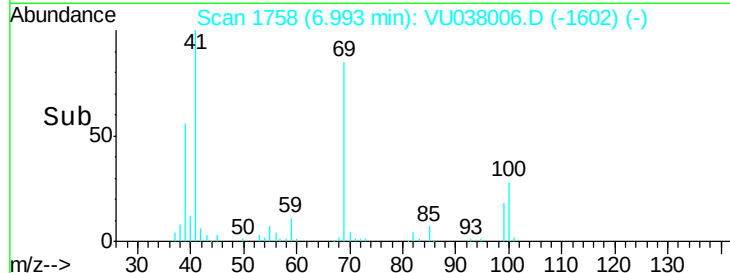
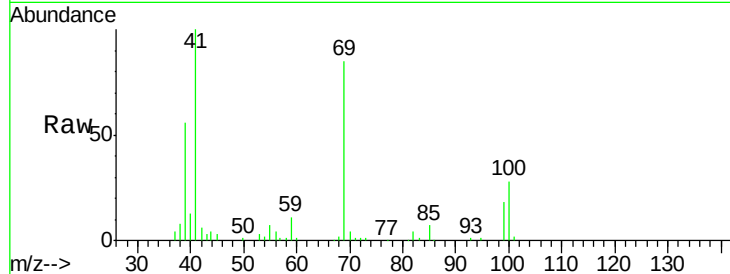
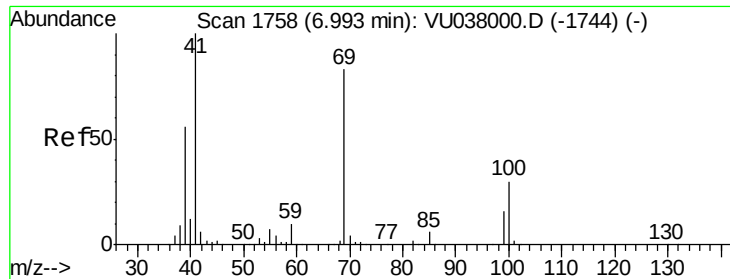
MMDadoda
12/14/2020 8:58:02 AM



#46
t-1,4-Dichloro-2-butene
Concen: 2.927 ug/l m
RT: 10.85 min Scan# 2959
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Lower	Upper
75	100		
53	106.4	81.1	121.7
89	59.4	53.2	79.8
88	42.0	38.2	57.2





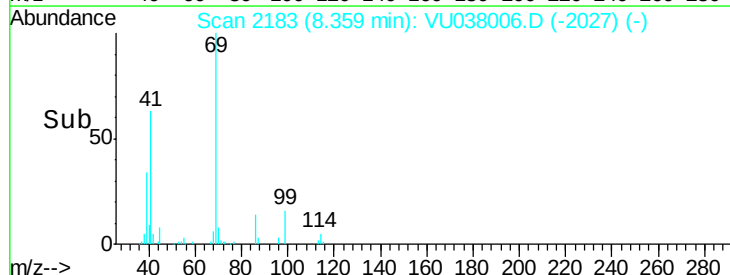
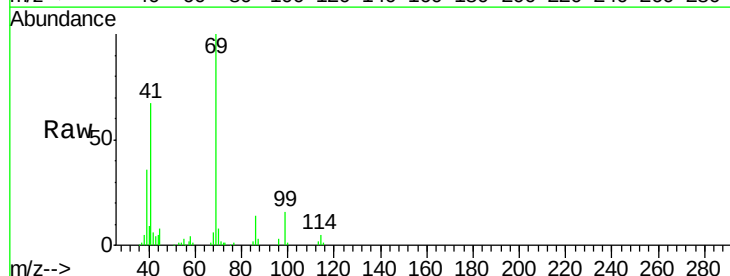
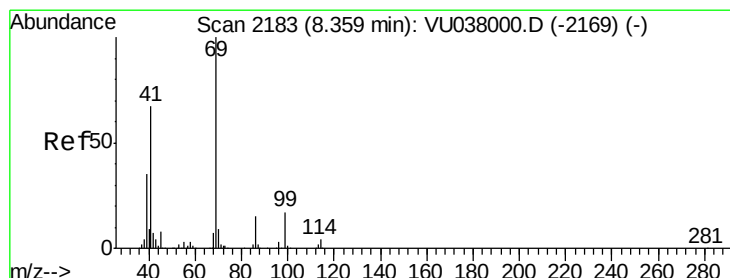
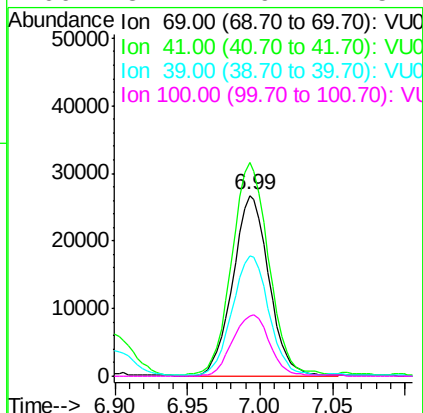
#47
Methvl methacrylate
Concen: 3.587 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tot Ion	69	Resp	46481
Ion Ratio	Lower	Upper	
69	100		
41	119.1	0.0	241.6
39	65.7	52.9	79.3
100	34.7	29.1	43.7

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

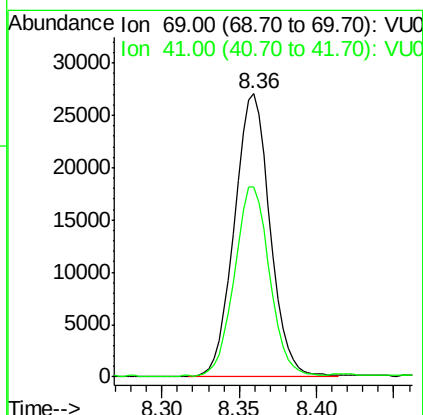
Manual Integrations
APPROVED

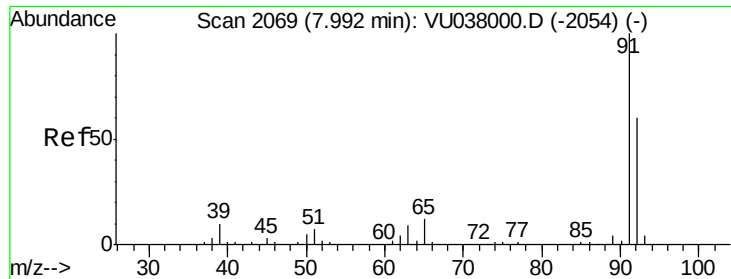
MMDadoda
12/14/2020 8:58:02 AM



#48
Ethyl methacrylate
Concen: 1.810 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion	69	Resp	43417
Ion Ratio	Lower	Upper	
69	100		
41	66.7	33.6	100.8





#49

Toluene

Concen: 1.930 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion: 92 Resp: 124002

Ion Ratio Lower Upper

92 100

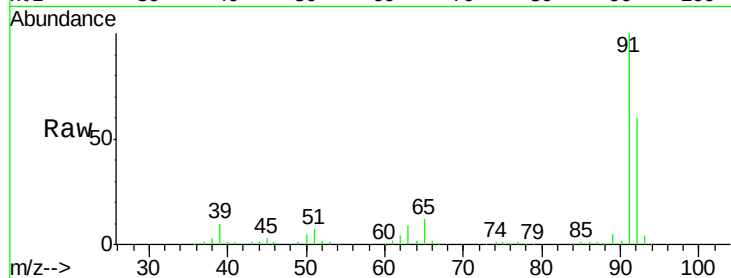
91 167.2 134.4 201.6

Manual Integrations

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Abundance Ion 92.00 (91.70 to 92.70): VU038000.D (-2054) (-)

Ion 91.00 (90.70 to 91.70): VU038000.D (-2054) (-)

120000

100000

80000

60000

40000

20000

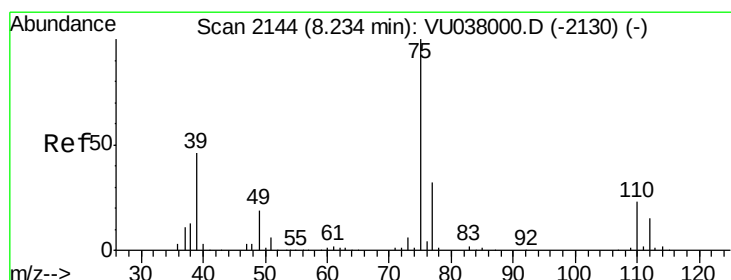
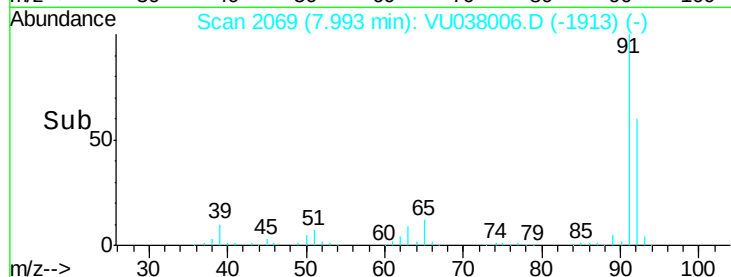
0

7.90

8.00

8.10

Time-->



#50

t-1,3-Dichloropropene

Concen: 1.747 ug/l

RT: 8.23 min Scan# 2144

Delta R.T. 0.00 min

Lab File: VU038006.D

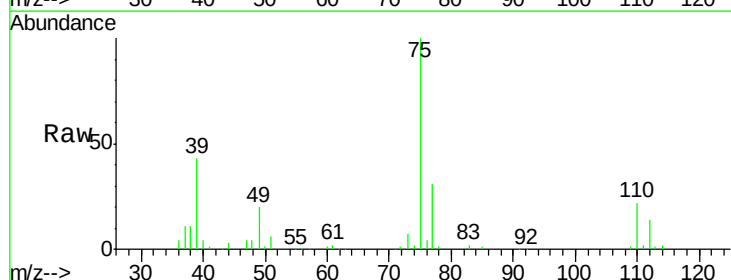
Acq: 04 May 2020 17:44

Tgt Ion: 75 Resp: 57115

Ion Ratio Lower Upper

75 100

77 30.5 25.8 38.8



Abundance Ion 75.00 (74.70 to 75.70): VU038000.D (-2130) (-)

Ion 77.00 (76.70 to 77.70): VU038000.D (-2130) (-)

40000

30000

20000

10000

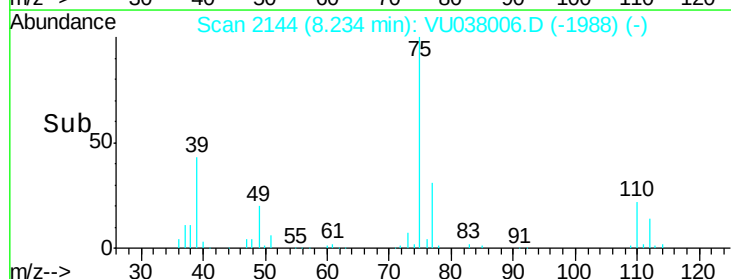
0

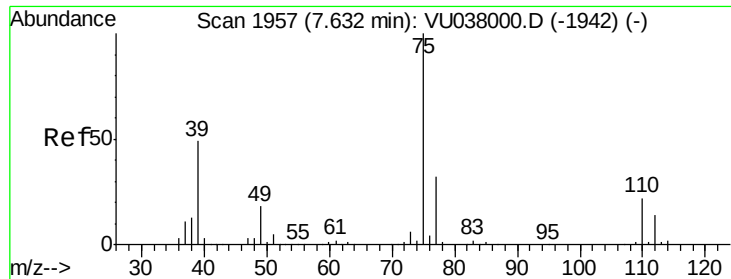
8.20

8.25

8.30

Time-->





#51

cis-1,3-Dichloropropene

Concen: 1.771 ug/l

RT: 7.64 min Scan# 1958

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

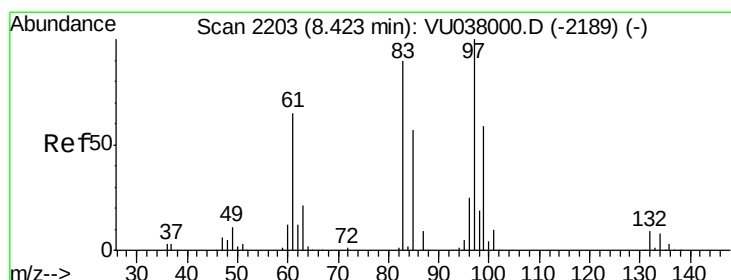
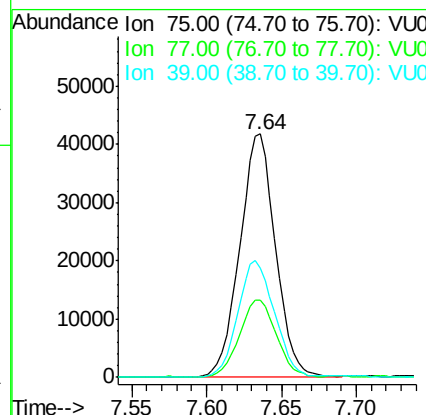
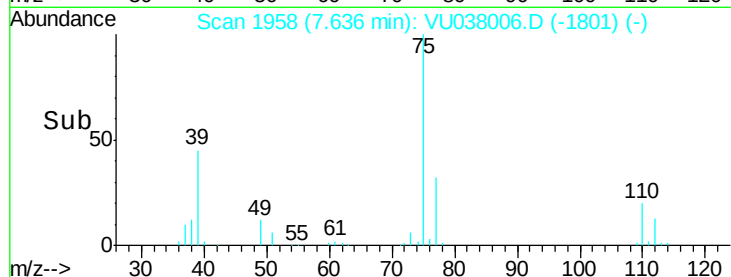
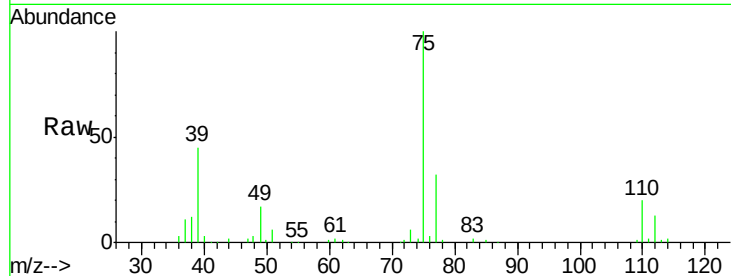
ClientSampleId :

VU0504WBSD01

Tot Ion:	75	Resp:	69547
Ion Ratio	Lower	Upper	
75	100		
77	31.9	25.5	38.3
39	45.1	39.0	58.4

Manual Integrations
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#52

1,1,2-Trichloroethane

Concen: 1.858 ug/l

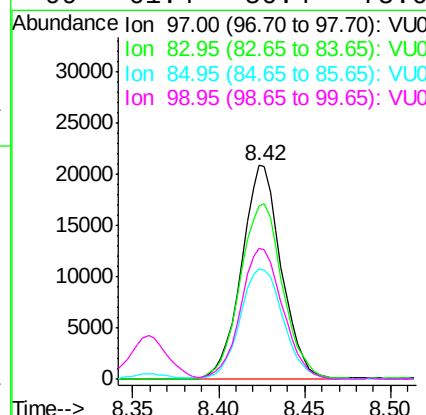
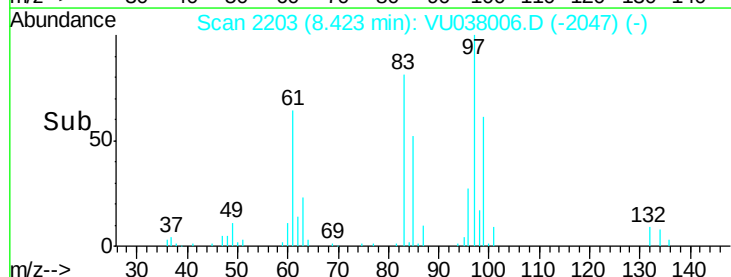
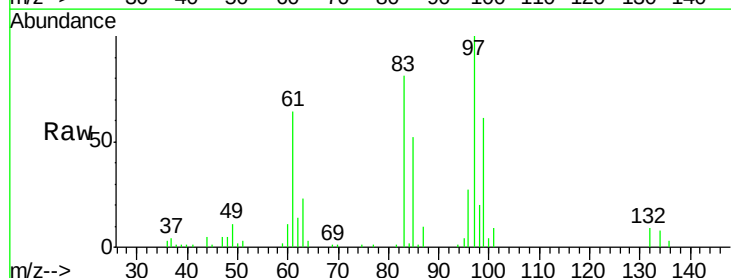
RT: 8.42 min Scan# 2203

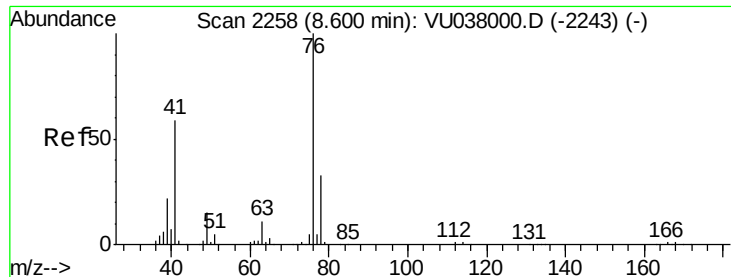
Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Tgt Ion:	97	Resp:	33516
Ion Ratio	Lower	Upper	
97	100		
83	80.8	72.4	108.6
85	51.7	46.0	69.0
99	61.4	50.4	75.6





#53

1,3-Dichloropropane

Concen: 1.916 ug/l

RT: 8.60 min Scan# 2258

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion: 76 Resp: 64889

Ion Ratio Lower Upper

76 100

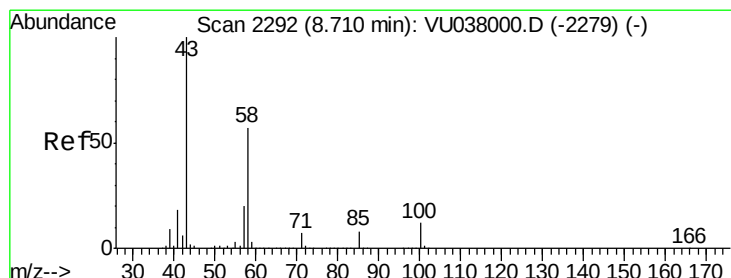
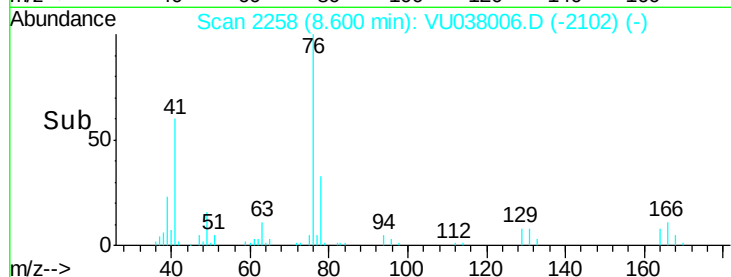
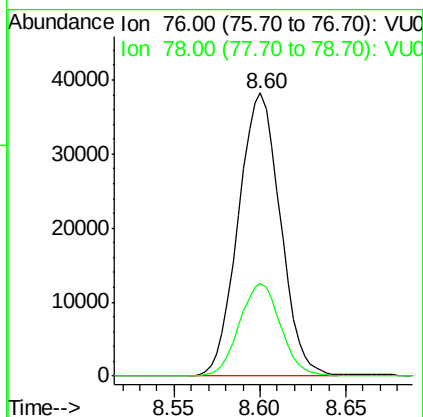
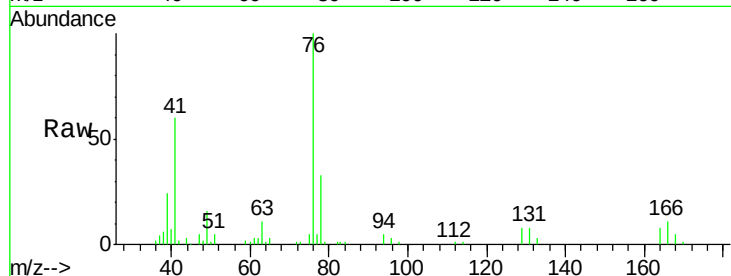
78 32.1 25.8 38.6

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#54

2-Hexanone

Concen: 8.595 ug/l

RT: 8.71 min Scan# 2292

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

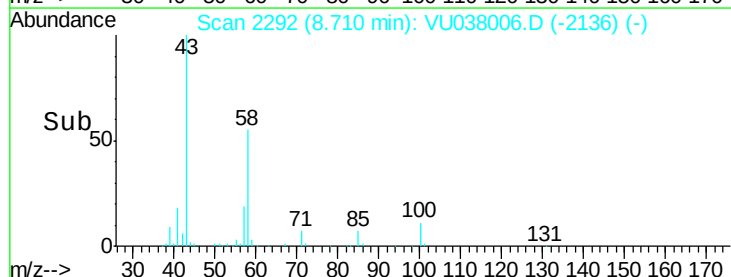
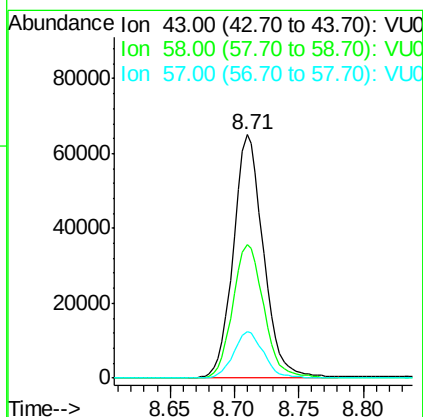
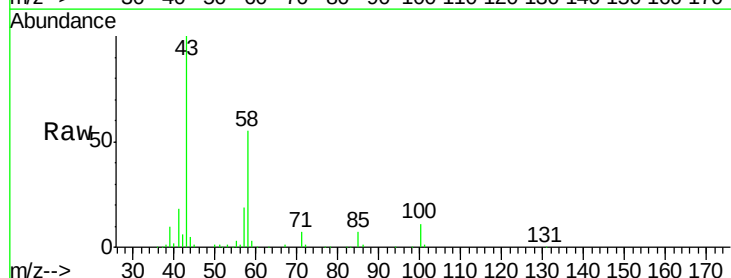
Tgt Ion: 43 Resp: 105346

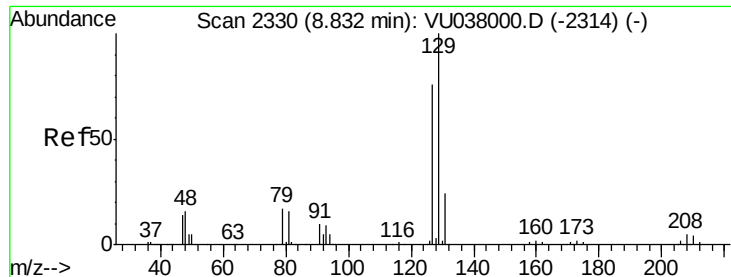
Ion Ratio Lower Upper

43 100

58 56.9 36.5 76.5

57 19.4 0.0 39.5





#55

Dibromochloromethane

Concen: 1.760 ug/l

RT: 8.83 min Scan# 2330

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion:129 Resp: 35191

Ion Ratio Lower Upper

129 100

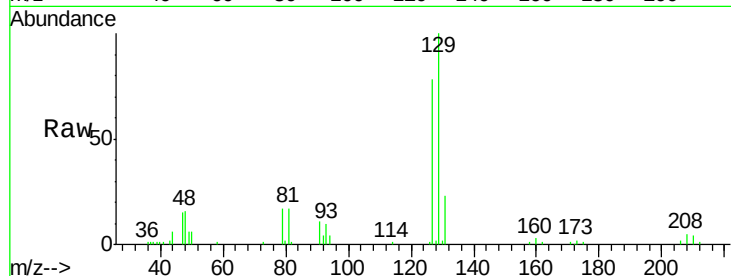
127 76.9 62.2 93.2

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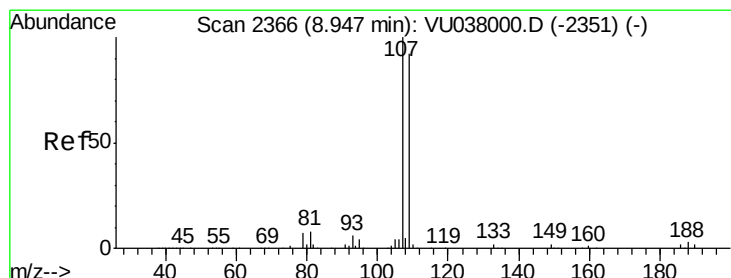
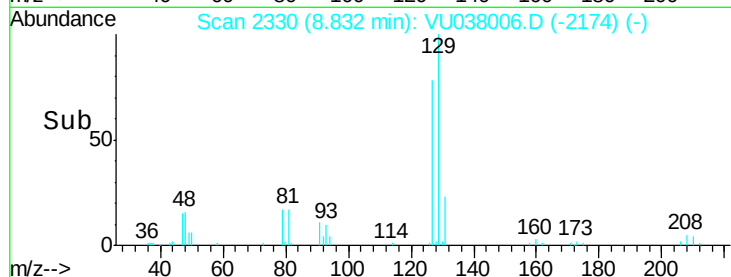
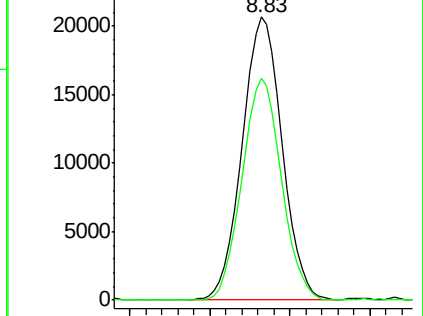
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.753 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU038006.D

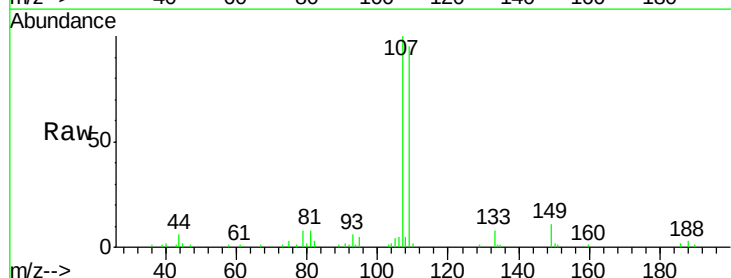
Acq: 04 May 2020 17:44

Tgt Ion:107 Resp: 29832

Ion Ratio Lower Upper

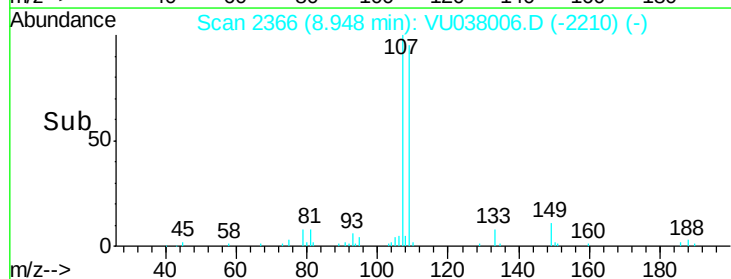
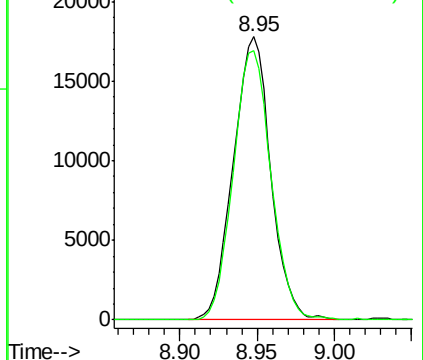
107 100

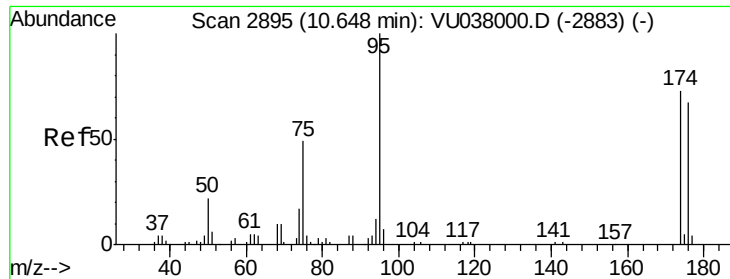
109 96.0 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





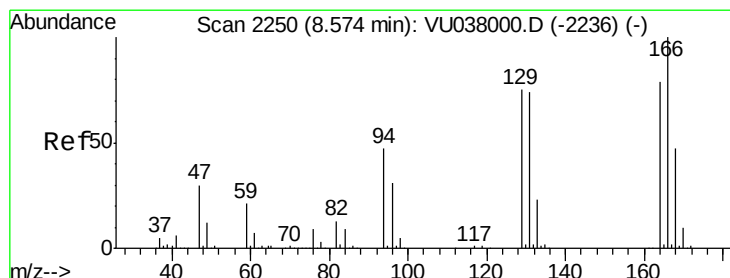
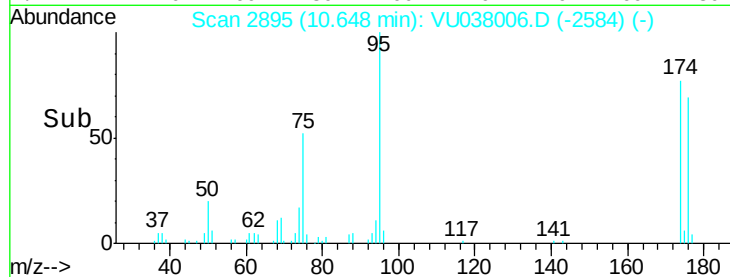
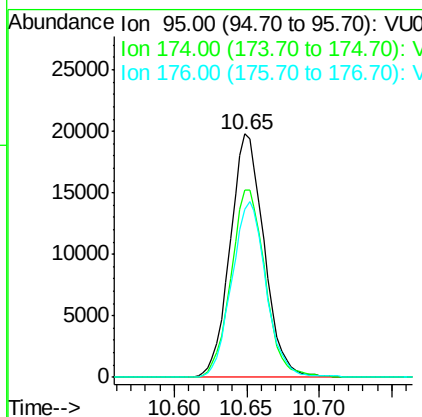
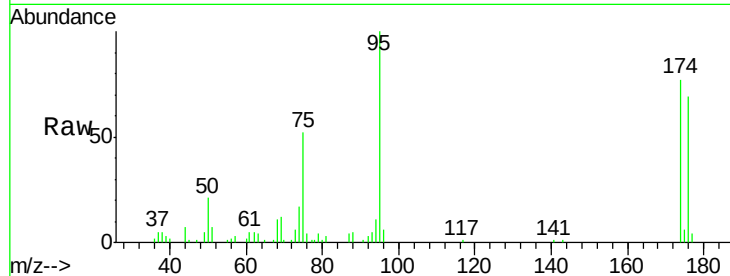
#57
4-Bromofluorobenzene
Concen: 0.961 ug/l
RT: 10.65 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampled :
VU0504WBSD01

Tot Ion	Ratio	Lower	Upper
95	100		
174	77.4	61.2	91.8
176	72.7	57.1	85.7

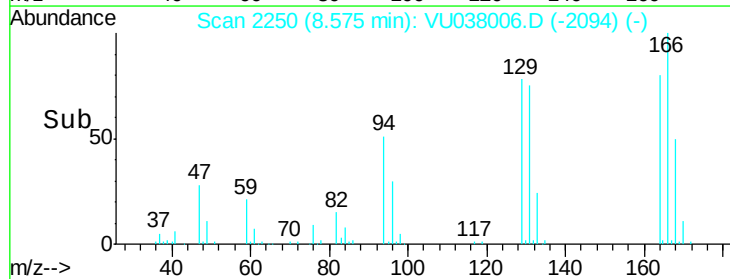
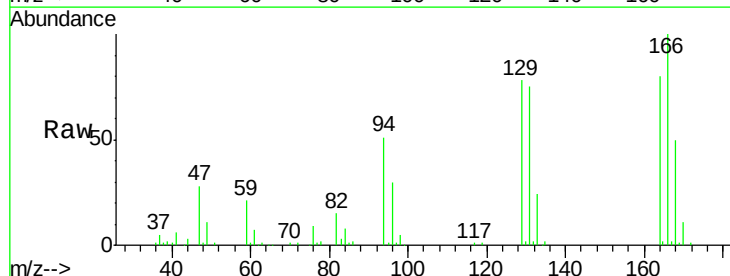
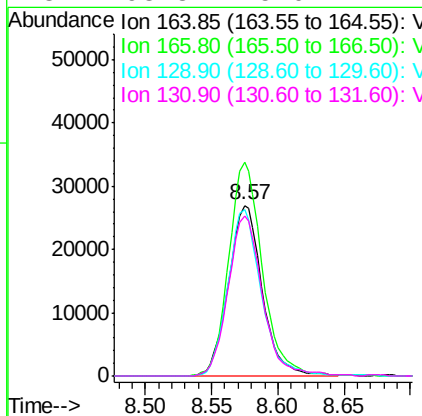
Manual Integrations
APPROVED

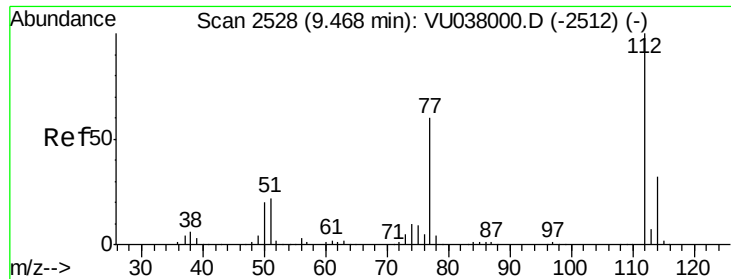
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#58
Tetrachloroethene
Concen: 1.916 ug/l
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	101.5	152.3
129	97.4	76.6	114.8
131	93.8	75.0	112.4





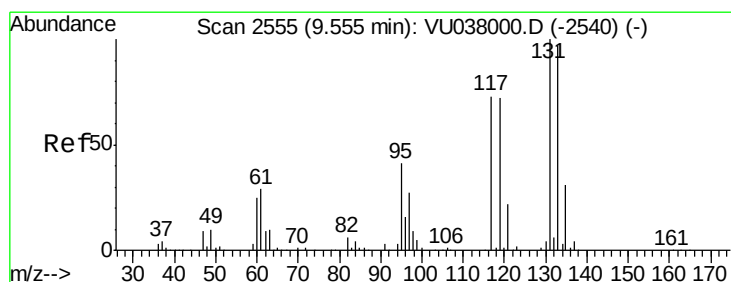
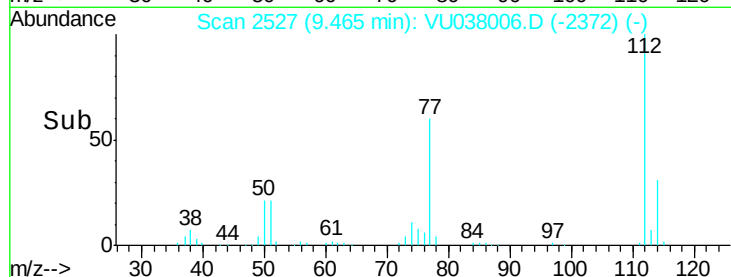
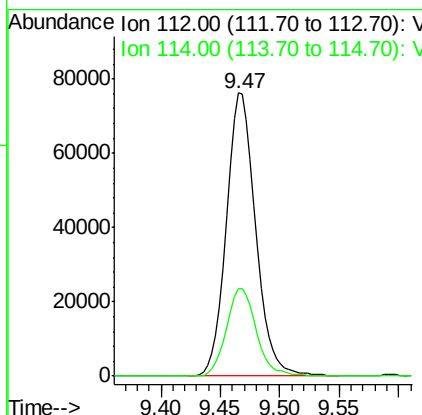
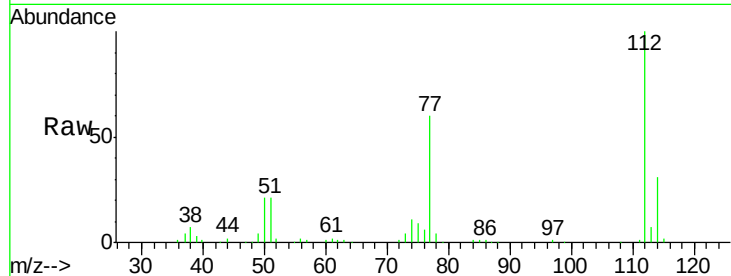
#59
Chlorobenzene
Concen: 1.910 ug/l
RT: 9.47 min Scan# 2527
Delta R.T. -0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Tot Ion:112 Resp: 130331
Ion Ratio Lower Upper
112 100
114 30.7 25.7 38.5

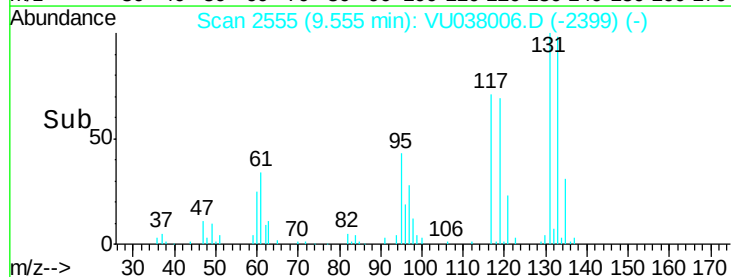
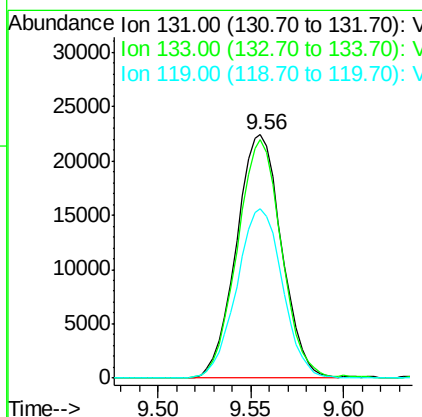
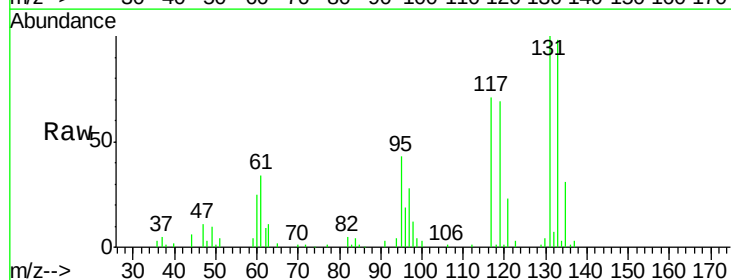
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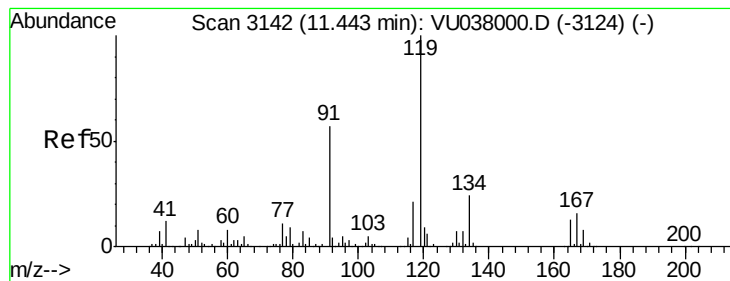
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.830 ug/l
RT: 9.56 min Scan# 2555
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion:131 Resp: 37903
Ion Ratio Lower Upper
131 100
133 95.6 76.8 115.2
119 70.3 56.7 85.1





#61

Pentachloroethane

Concen: 1.735 ug/l

RT: 11.44 min Scan# 3142

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion:117 Resp: 26922

Ion Ratio Lower Upper

117 100

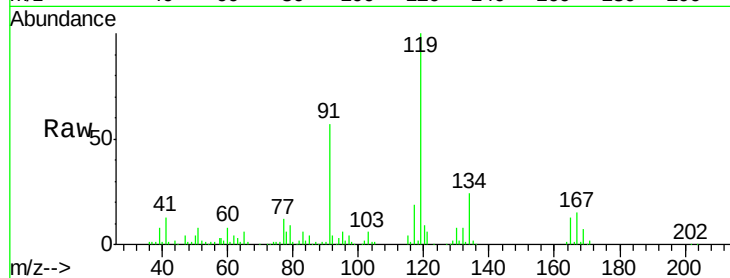
167 73.7 60.3 90.5

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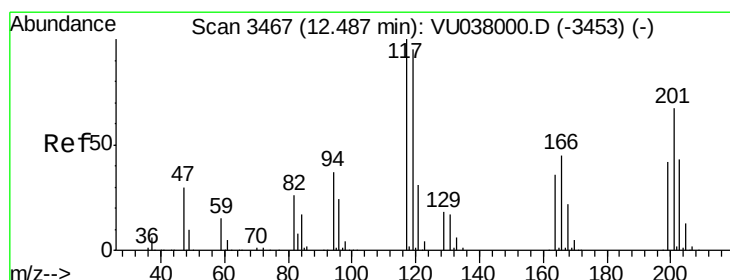
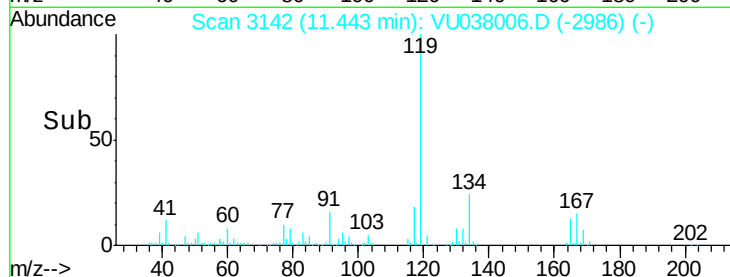
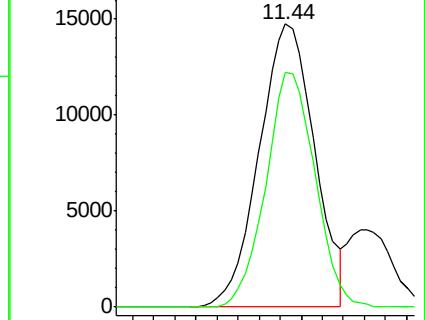
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 1.683 ug/l

RT: 12.49 min Scan# 3467

Delta R.T. 0.00 min

Lab File: VU038006.D

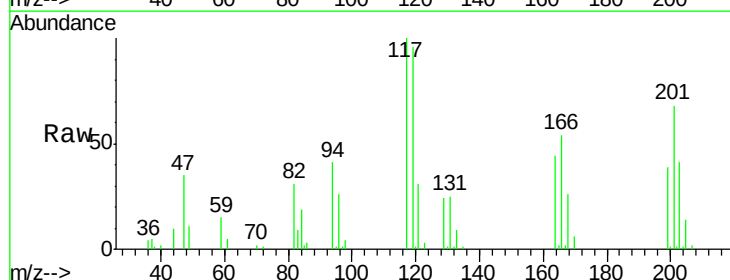
Acq: 04 May 2020 17:44

Tgt Ion:117 Resp: 27186

Ion Ratio Lower Upper

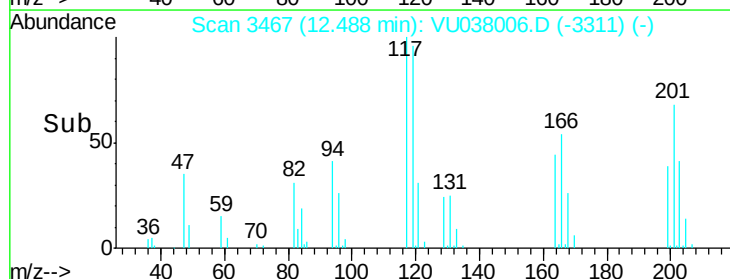
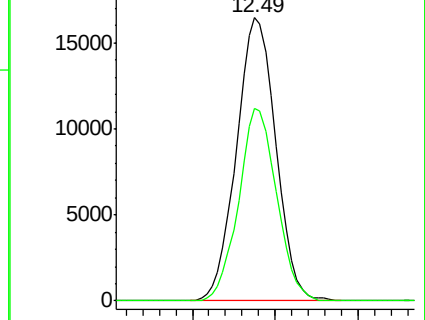
117 100

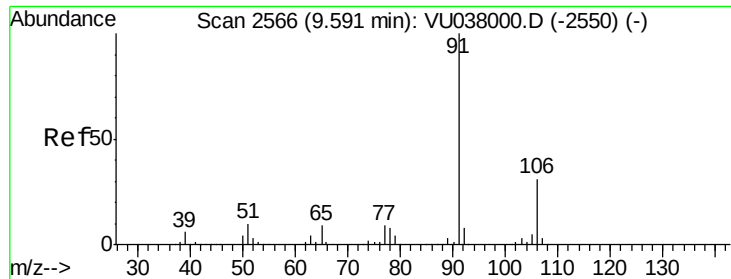
201 65.5 54.7 82.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.860 ug/l

RT: 9.59 min Scan# 2566

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion: 91 Resp: 225795

Ion Ratio Lower Upper

91 100

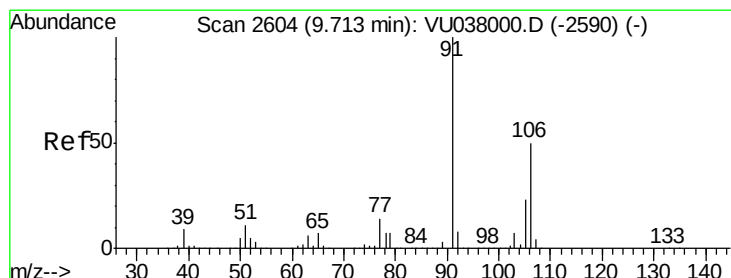
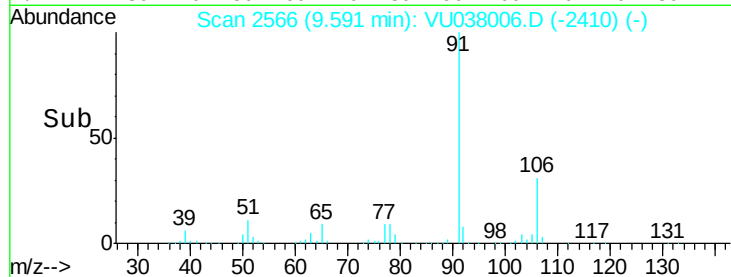
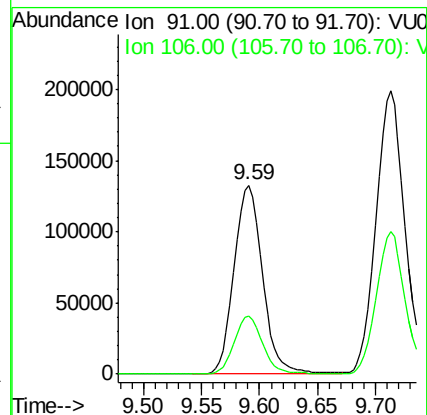
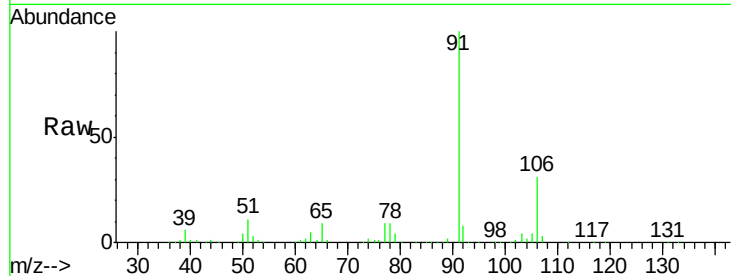
106 30.9 24.9 37.3

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#64

m/p-Xylenes

Concen: 3.764 ug/l

RT: 9.71 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VU038006.D

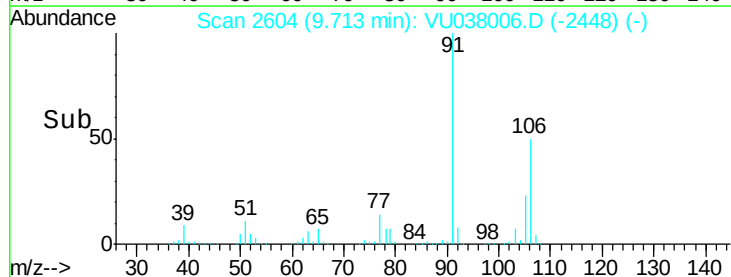
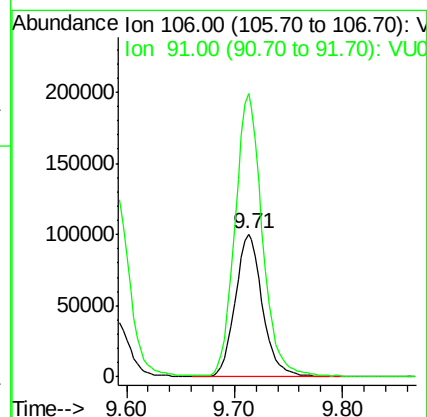
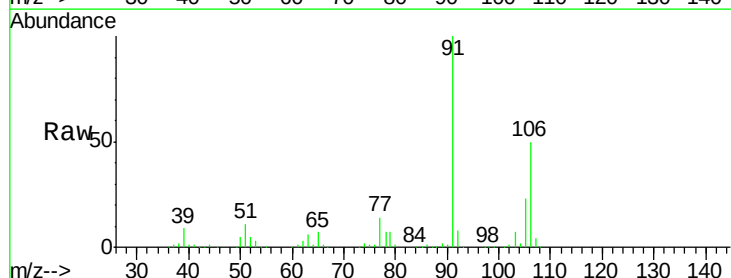
Acq: 04 May 2020 17:44

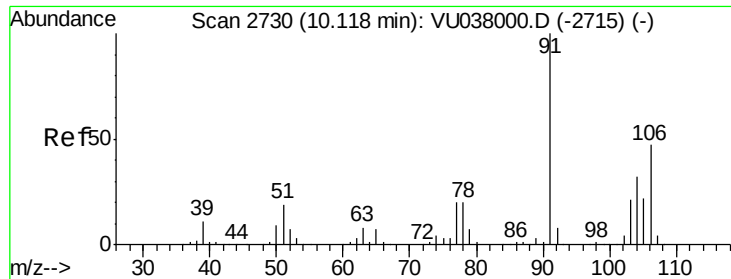
Tgt Ion: 106 Resp: 175846

Ion Ratio Lower Upper

106 100

91 198.2 159.5 239.3





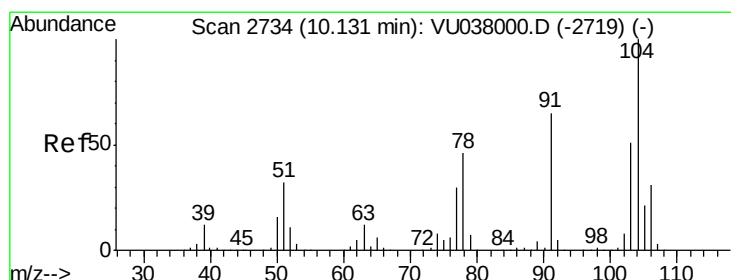
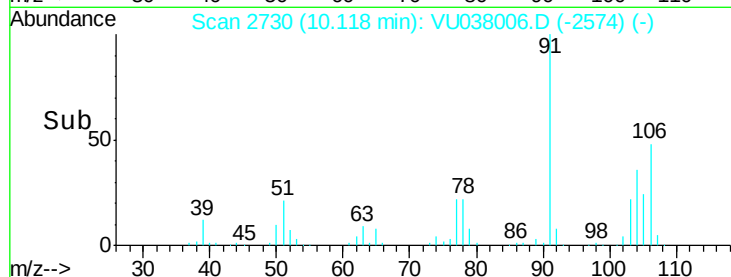
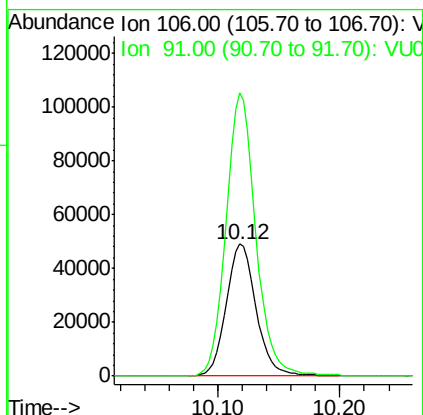
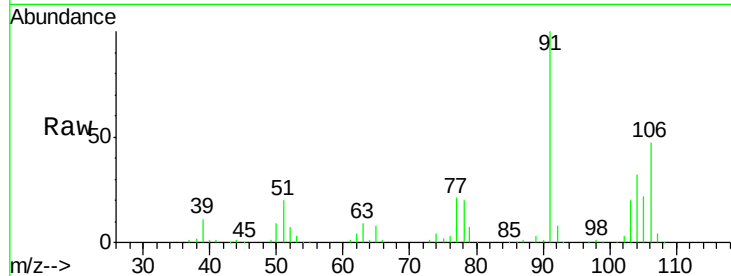
#65
o-Xylene
Concen: 1.849 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Tot Ion:106 Resp: 84218
Ion Ratio Lower Upper
106 100
91 213.4 105.7 317.0

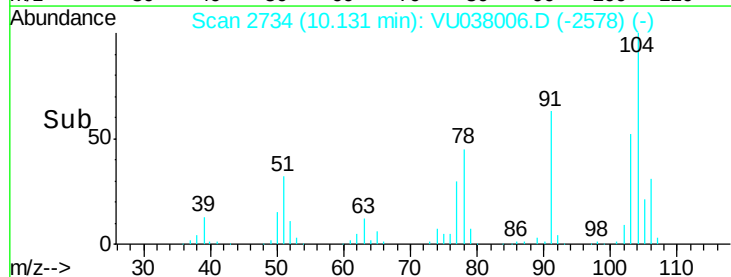
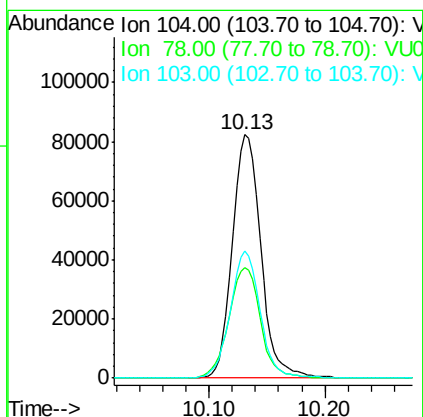
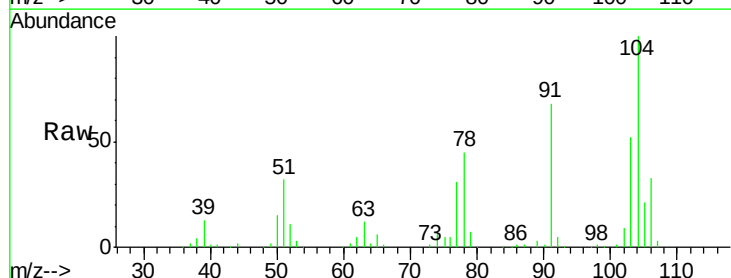
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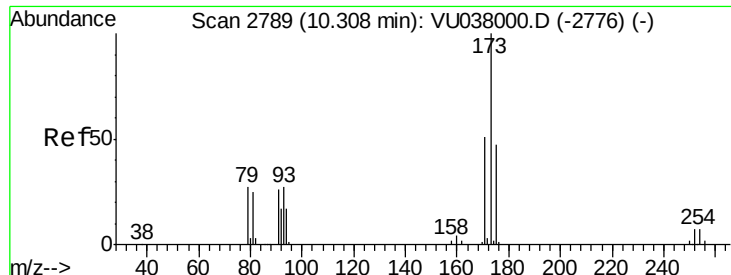
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#66
Styrene
Concen: 1.869 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion:104 Resp: 140263
Ion Ratio Lower Upper
104 100
78 50.0 39.9 59.9
103 54.4 43.4 65.2





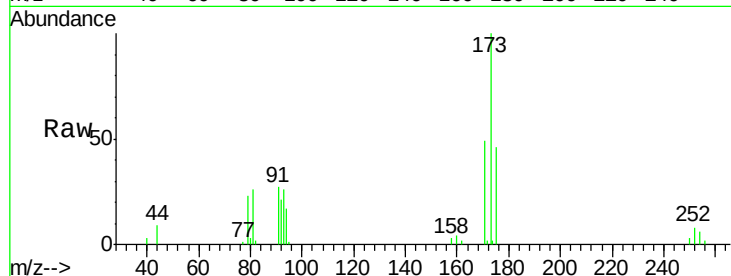
#67
Bromoform
Concen: 1.686 ug/l
RT: 10.31 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

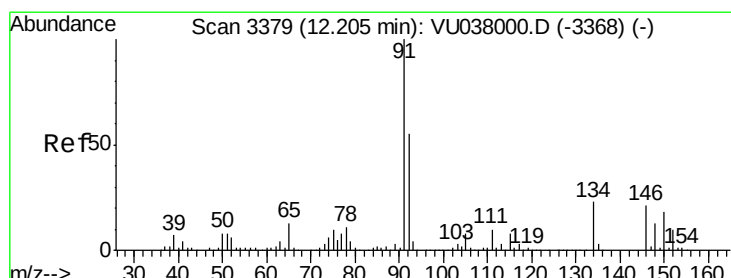
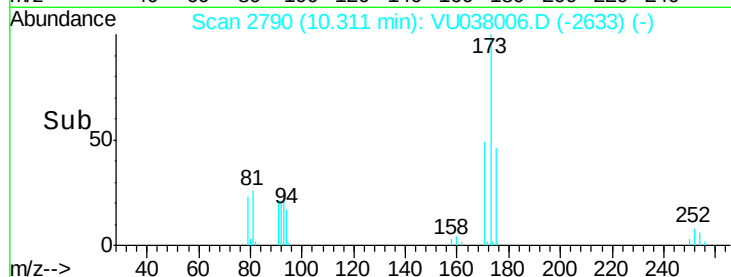
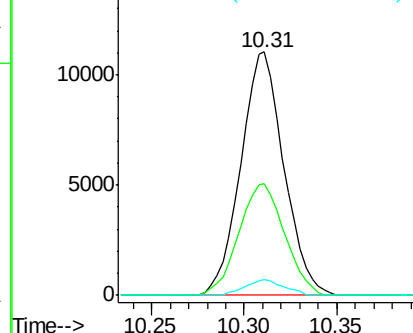
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	37.6	56.4
254	5.7	5.5	8.3

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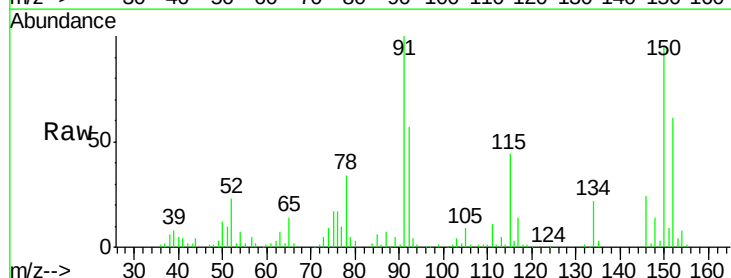


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

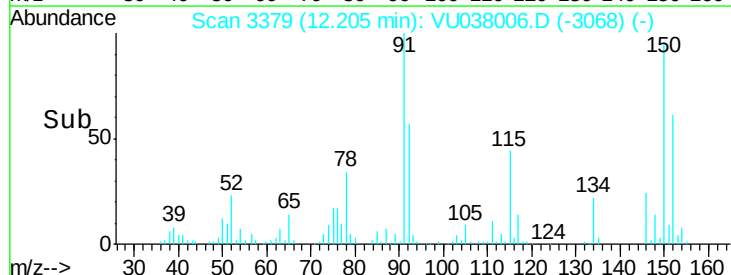
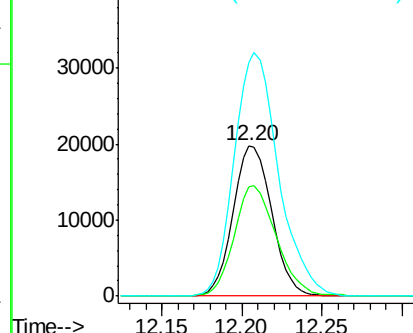


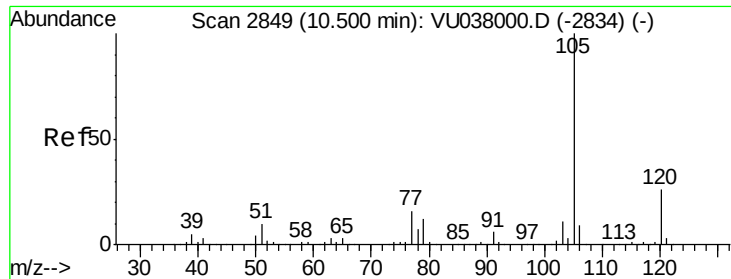
#68
1,2-Dichlorobenzene-d4
Concen: 1.005 ug/l
RT: 12.20 min Scan# 3379
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.7	0.0	261.0
150	186.1	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: 1.845 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion:105 Resp: 219344

Ion Ratio Lower Upper

105 100

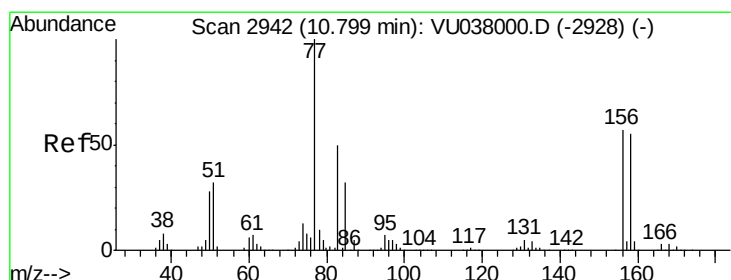
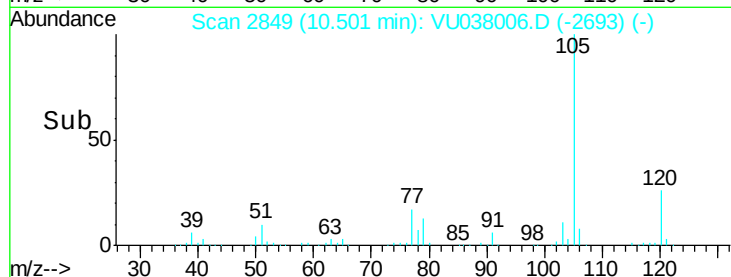
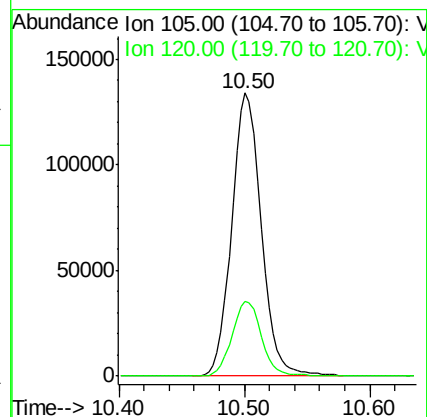
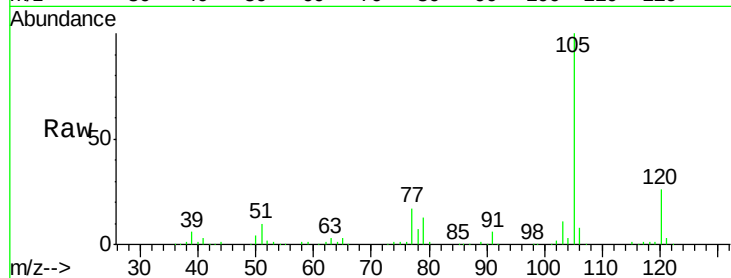
120 26.4 13.1 39.3

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#70

1,1,2,2-Tetrachloroethane

Concen: 1.832 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

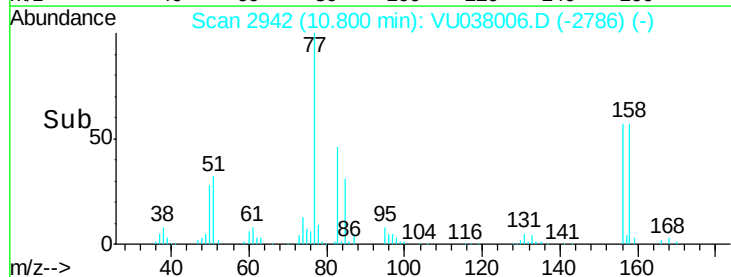
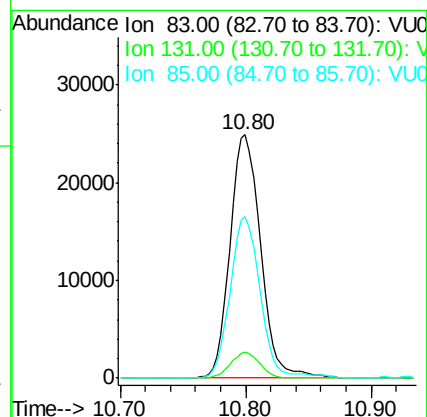
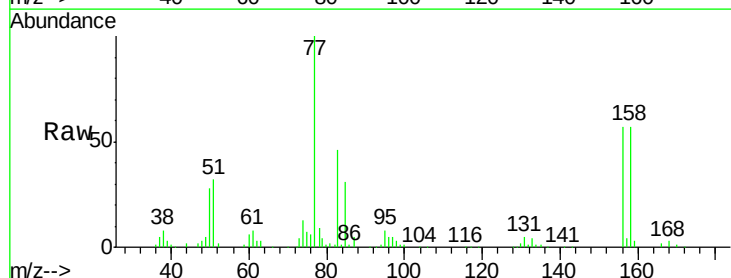
Tgt Ion: 83 Resp: 42361

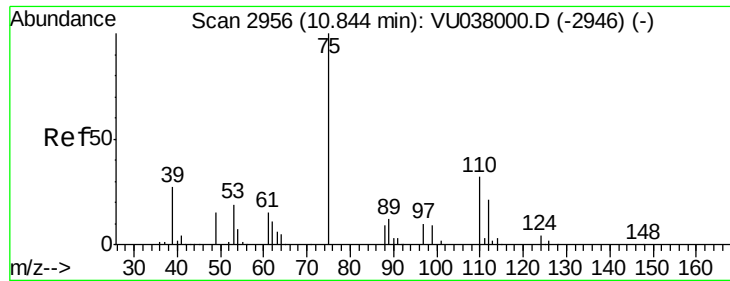
Ion Ratio Lower Upper

83 100

131 9.9 7.2 10.8

85 65.0 50.0 75.0





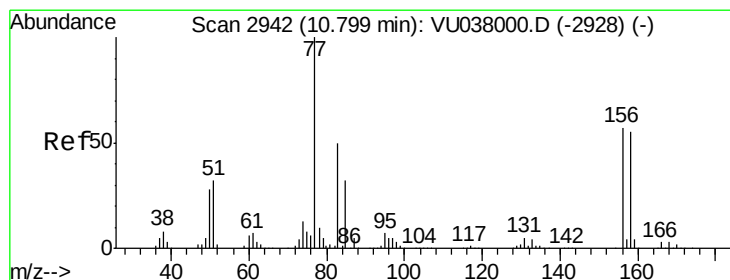
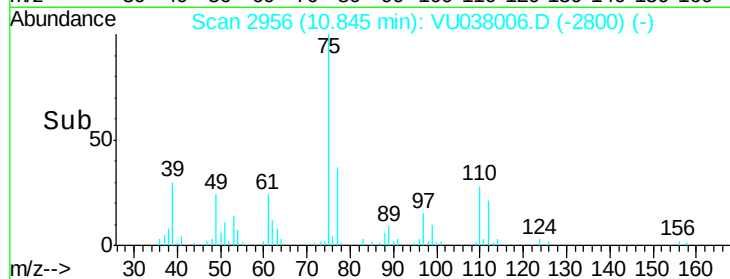
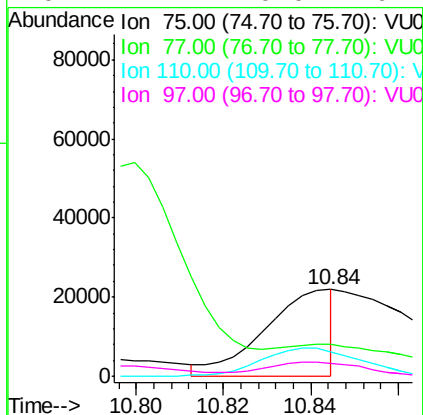
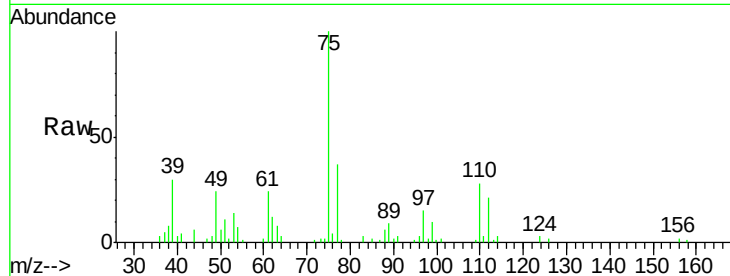
#71
 1,2,3-Trichloropropane
 Concen: 1.427 ug/l m
 RT: 10.84 min Scan# 2956
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
75	100			
77	0.0	0.0	108.6	
110	46.6	0.0	79.4	
97	24.2	0.0	40.4	

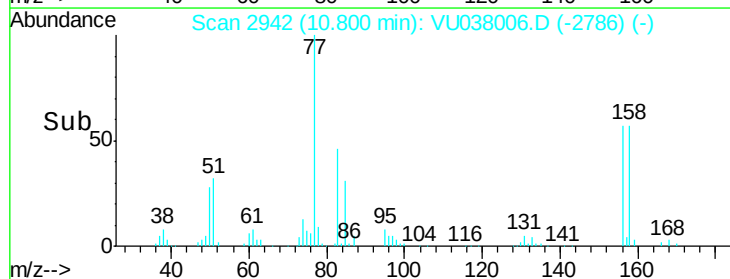
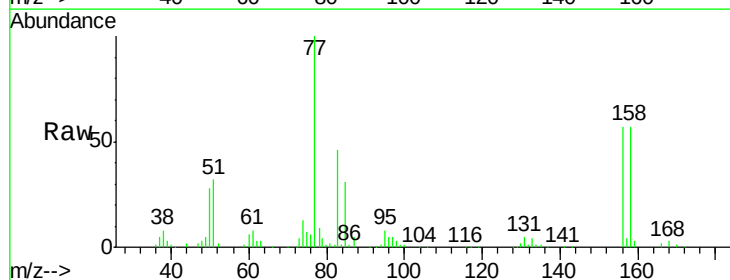
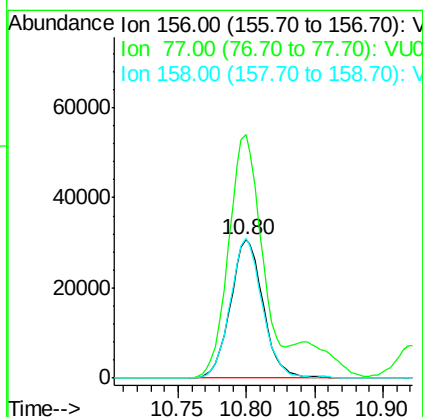
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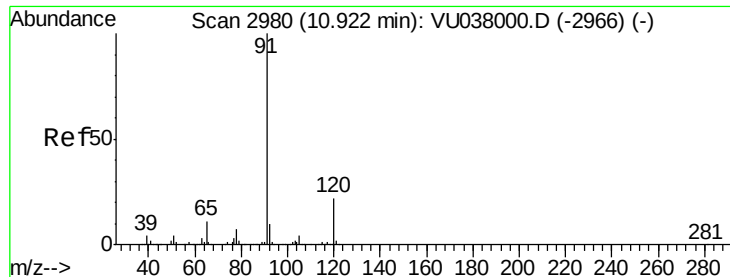
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#72
 Bromobenzene
 Concen: 1.923 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion	Ion	Ratio	Lower	Upper
156	100			
77	178.4	0.0	355.6	
158	98.5	0.0	194.0	





#73

n-propylbenzene

Concen: 1.872 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion:120 Resp: 61087

Ion Ratio Lower Upper

120 100

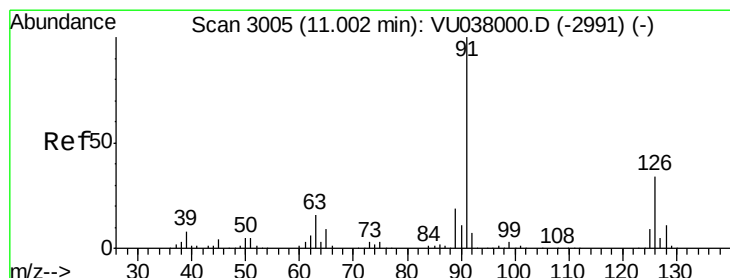
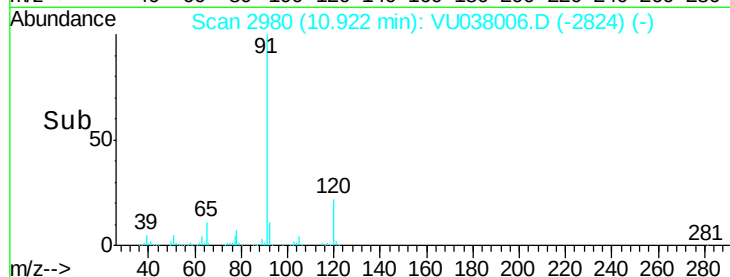
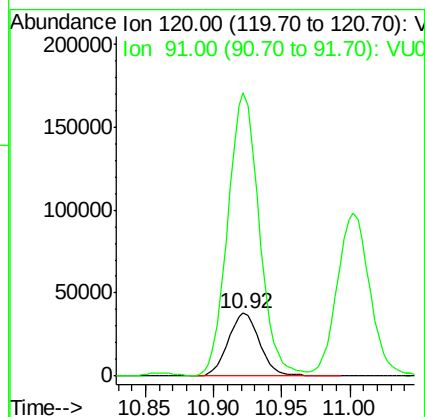
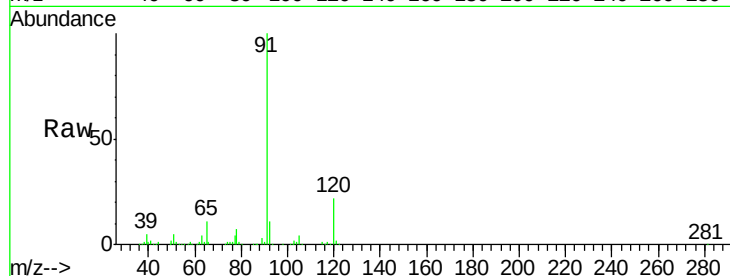
91 443.5 355.4 533.0

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#74

2-Chlorotoluene

Concen: 1.876 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038006.D

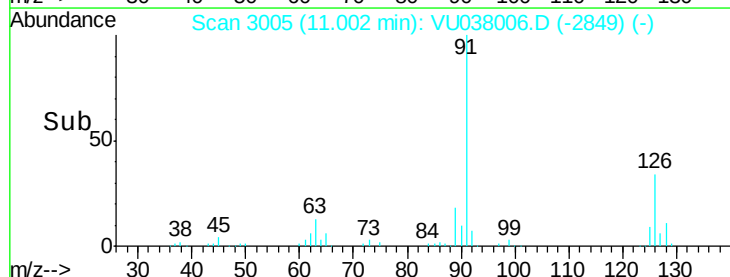
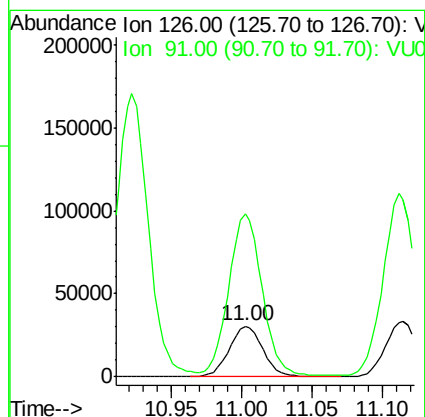
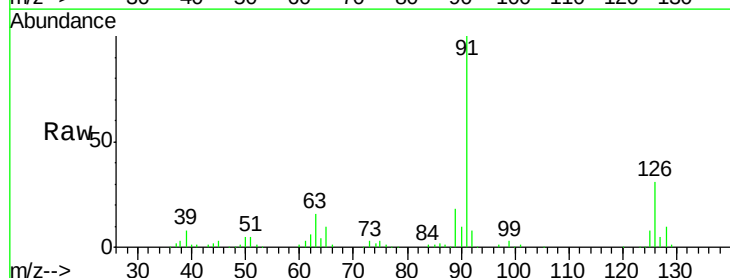
Acq: 04 May 2020 17:44

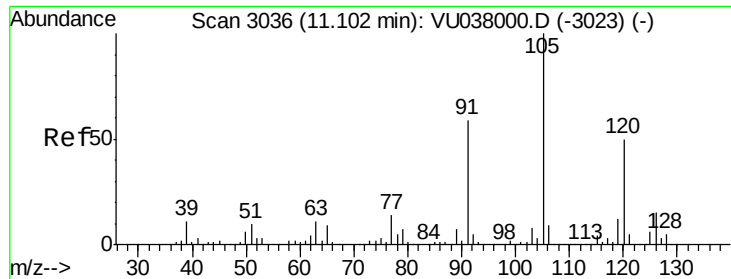
Tgt Ion:126 Resp: 51379

Ion Ratio Lower Upper

126 100

91 312.7 0.0 625.8





#75

1,3,5-Trimethylbenzene

Concen: 1.853 ug/l

RT: 11.10 min Scan# 3036

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBSD01

Tot Ion:105 Resp: 182426

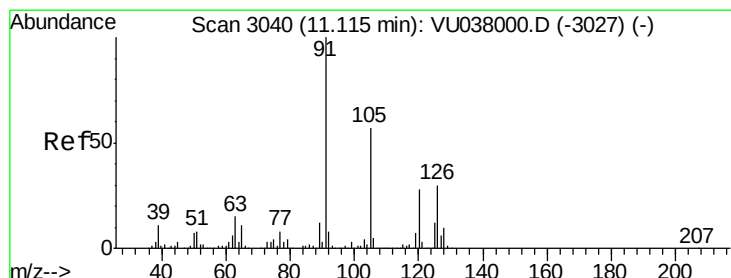
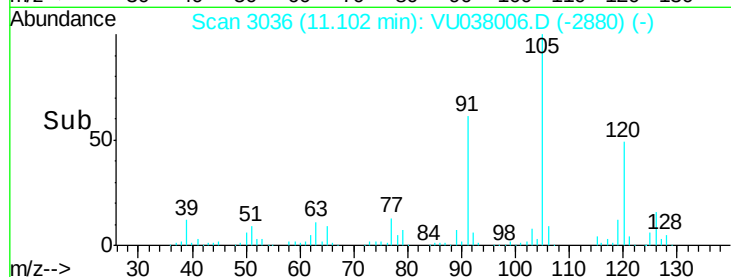
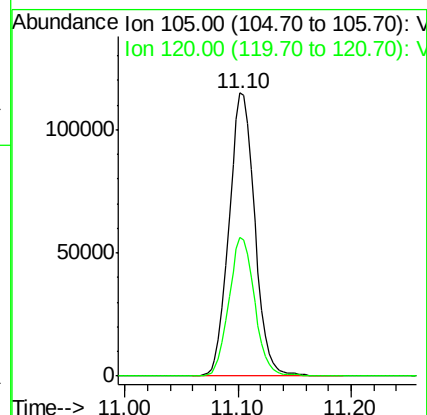
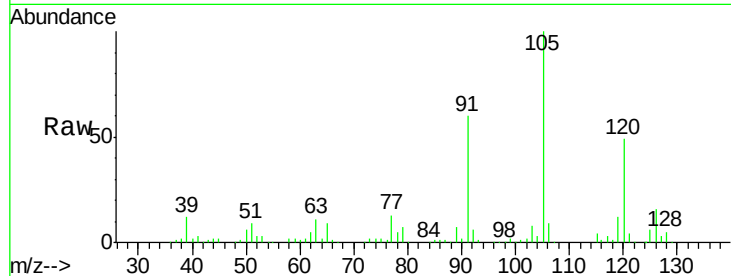
Ion Ratio Lower Upper

105 100

120 49.0 39.8 59.6

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#76

4-Chlorotoluene

Concen: 1.897 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU038006.D

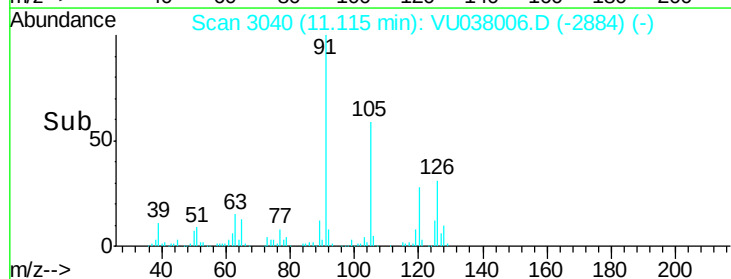
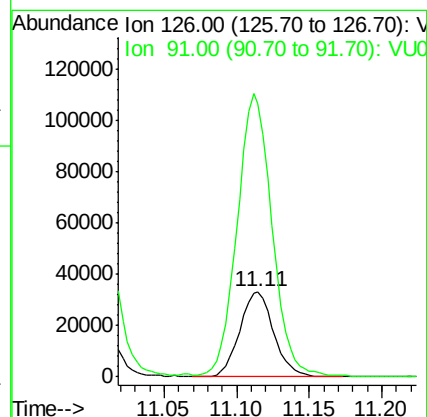
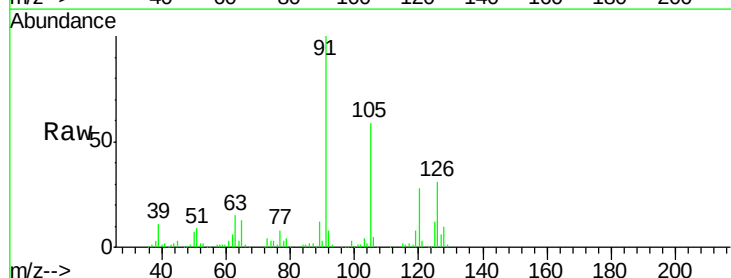
Acq: 04 May 2020 17:44

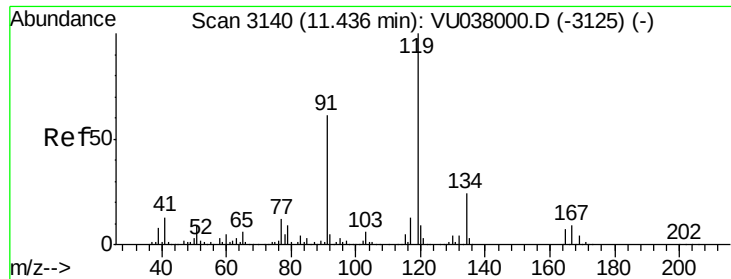
Tgt Ion:126 Resp: 53962

Ion Ratio Lower Upper

126 100

91 343.7 0.0 698.6





#77

tert-Butylbenzene

Concen: 1.829 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

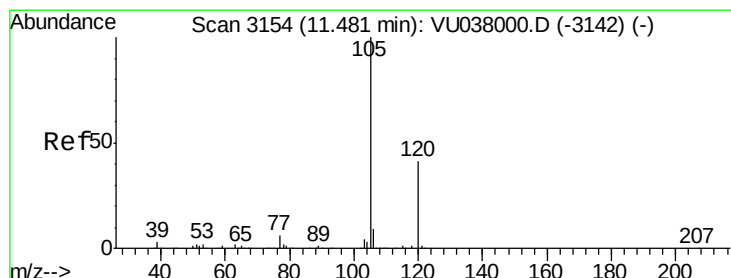
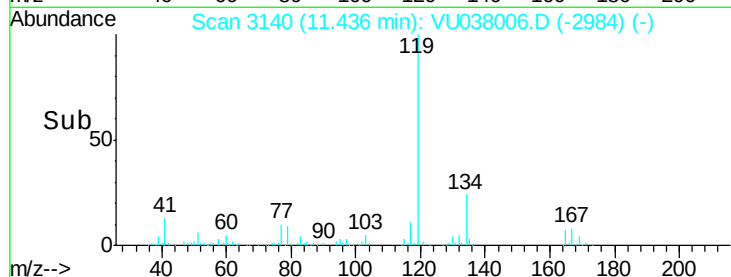
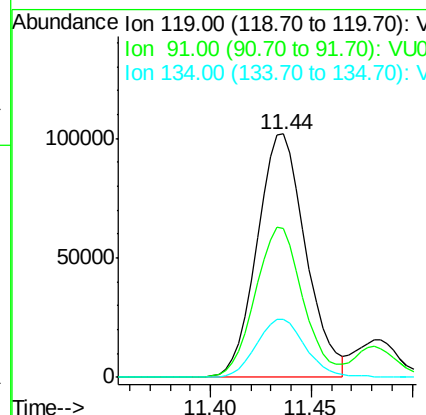
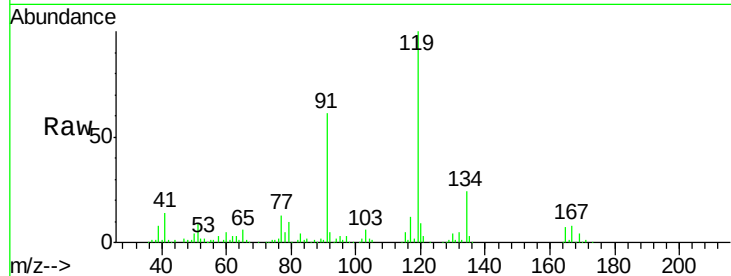
Instrument :
MSVOA_U

ClientSampled :
VU0504WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	171359		
91	60.4	30.1	90.5	
134	24.2	19.0	28.6	

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#78

1,2,4-Trimethylbenzene

Concen: 1.807 ug/l

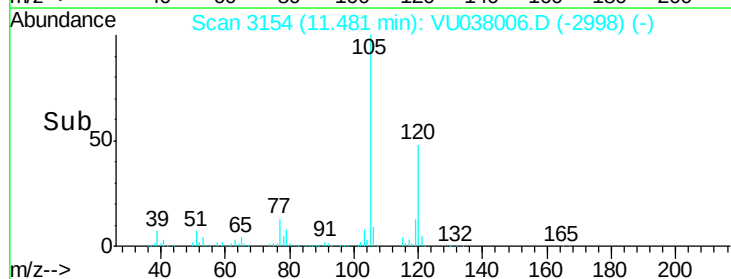
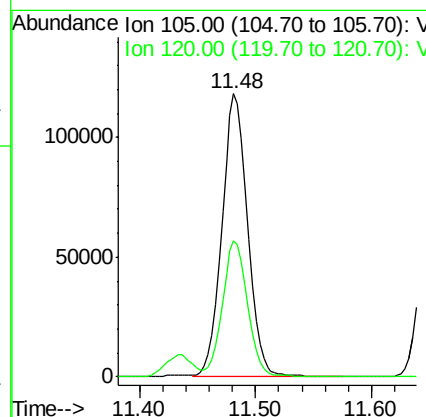
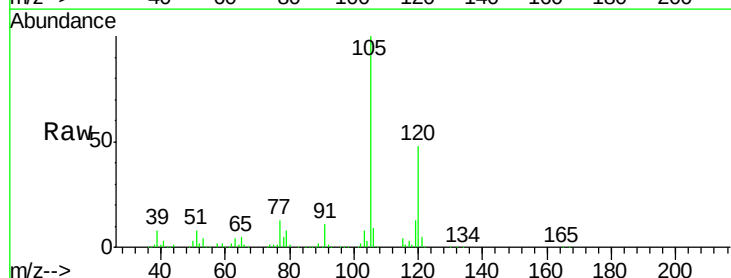
RT: 11.48 min Scan# 3154

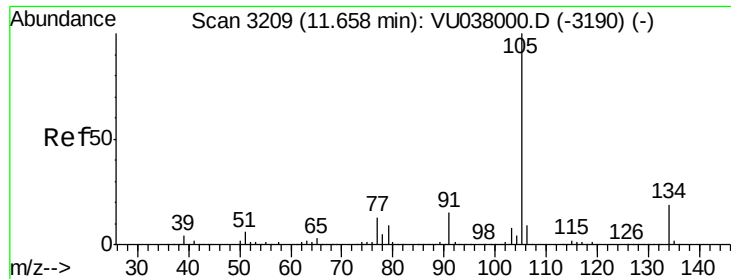
Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	183132		
120	47.1	23.4	70.0	





#79

sec-Butylbenzene

Concen: 1.863 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

ClientSampled :

VU0504WBSD01

Tot Ion: 105 Resp: 249957

Ion Ratio Lower Upper

105 100

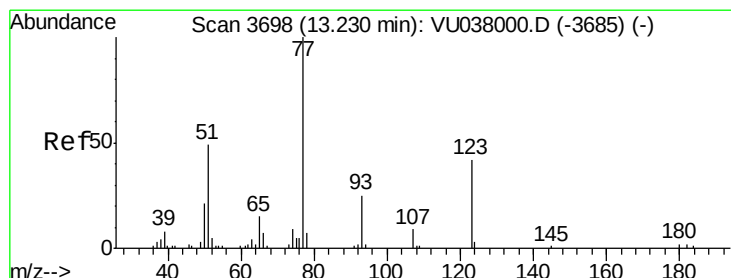
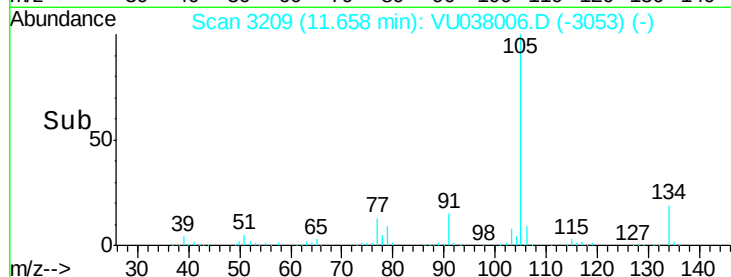
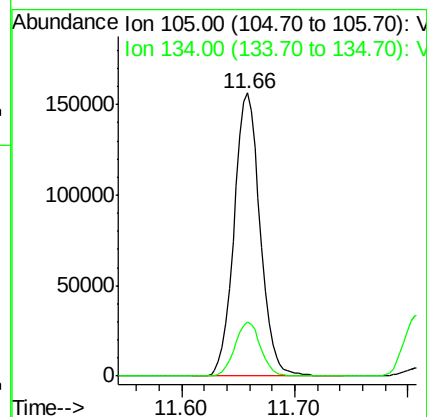
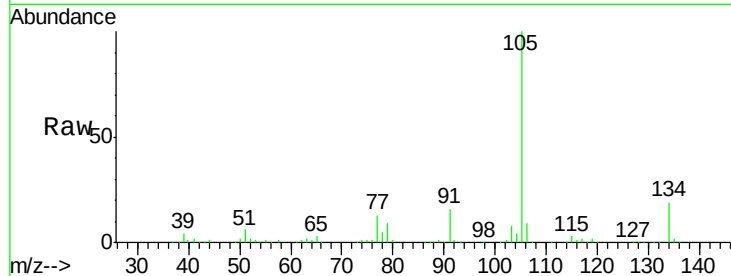
134 19.1 15.4 23.0

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#80

Nitrobenzene

Concen: 6.272 ug/l

RT: 13.23 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

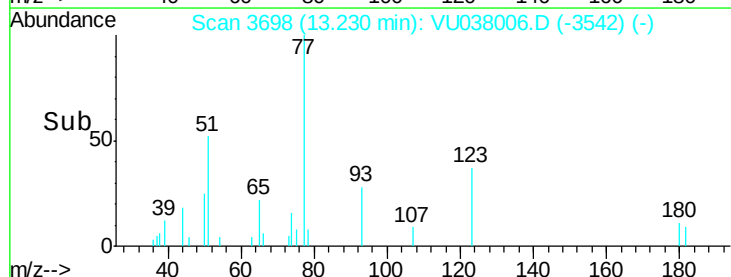
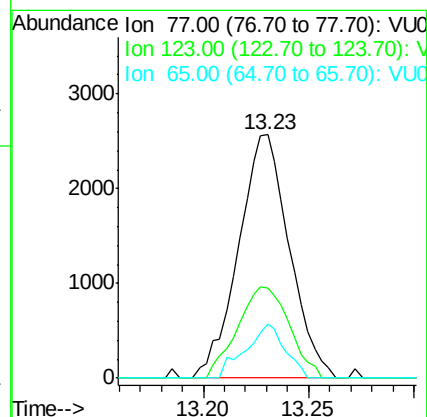
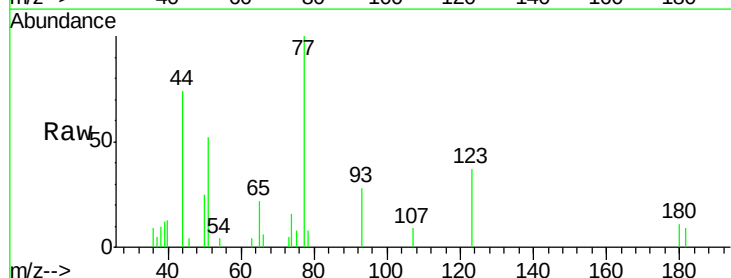
Tgt Ion: 77 Resp: 4299

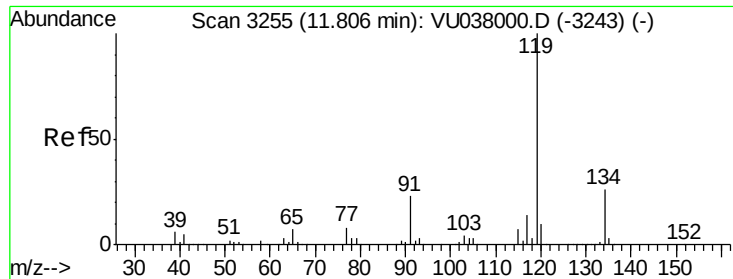
Ion Ratio Lower Upper

77 100

123 38.2 17.6 62.6

65 17.1 13.2 16.8#





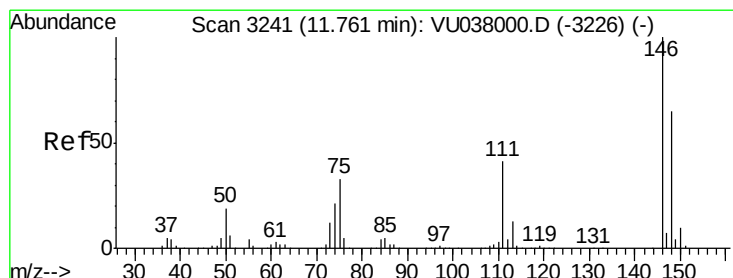
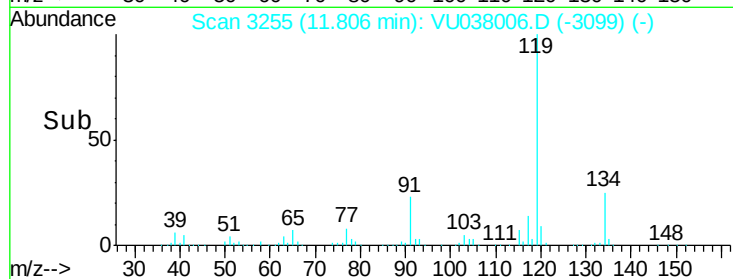
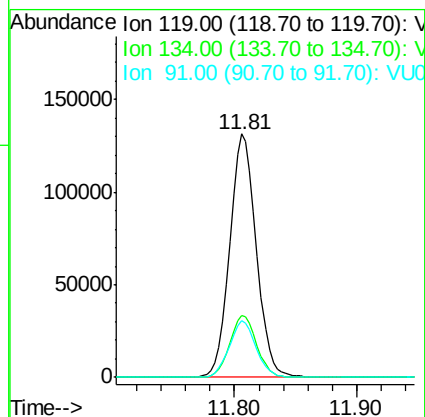
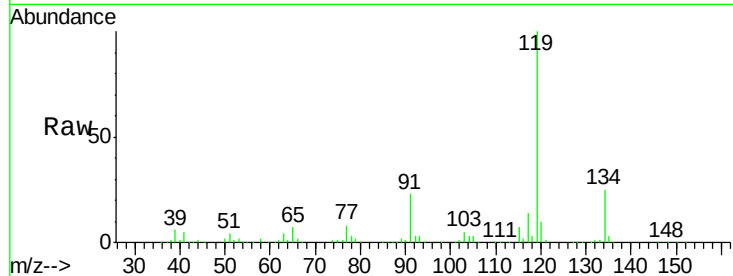
#81
 p-Isopropyltoluene
 Concen: 1.851 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	200475		
134	25.7		20.6	31.0
91	23.5		18.6	28.0

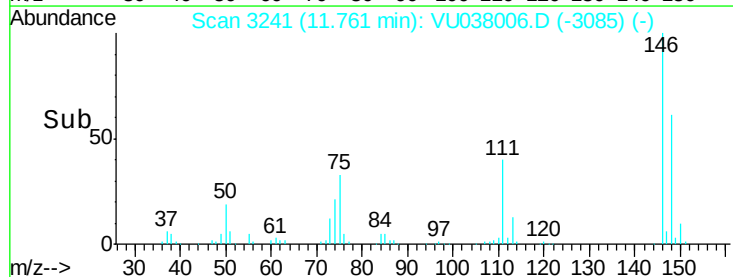
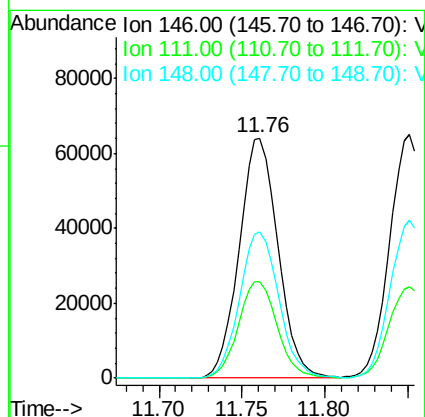
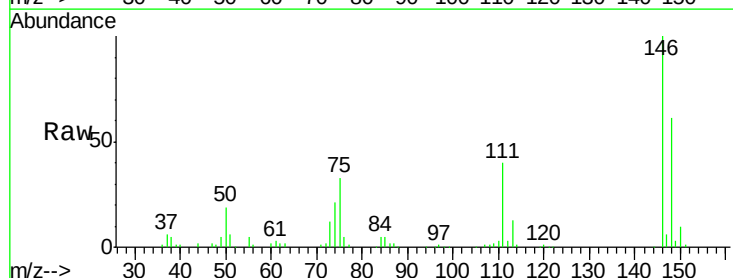
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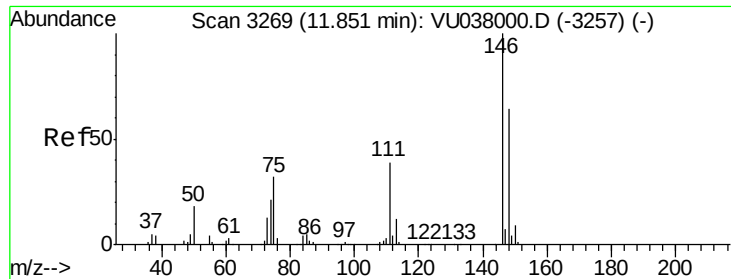
MMDadoda
 12/14/2020 8:58:02 AM



#82
 1,3-Dichlorobenzene
 Concen: 1.900 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	104517		
111	40.3		33.0	49.4
148	61.7		51.4	77.2





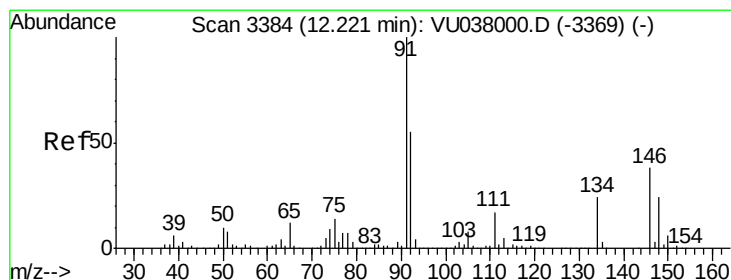
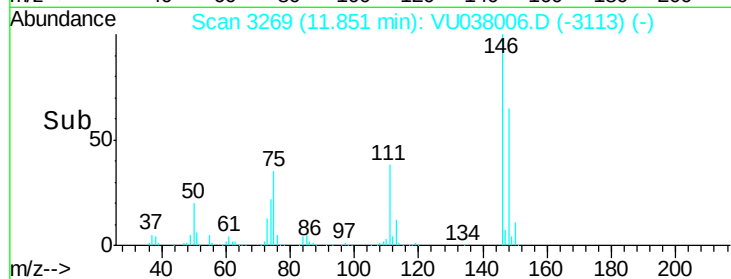
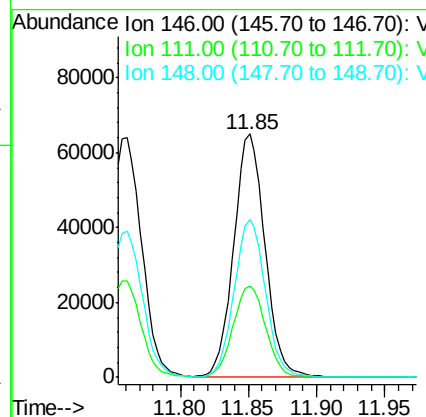
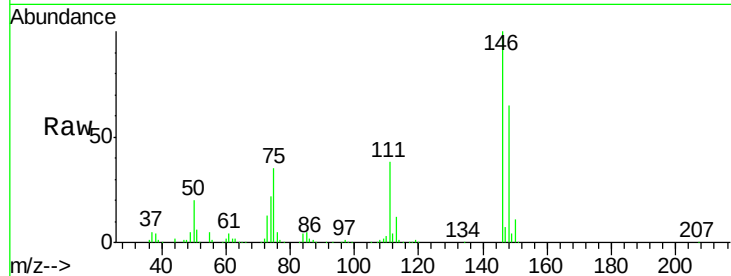
#83
 1,4-Dichlorobenzene
 Concen: 1.863 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	31.8	47.6
148	64.8	51.2	76.8

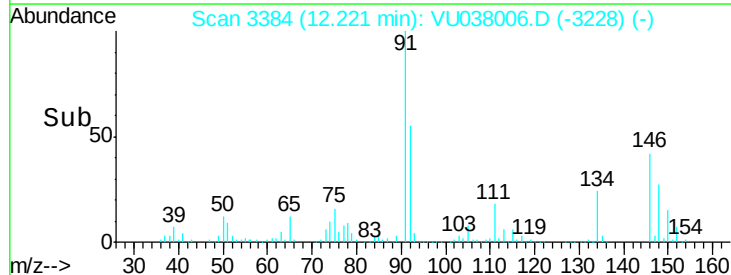
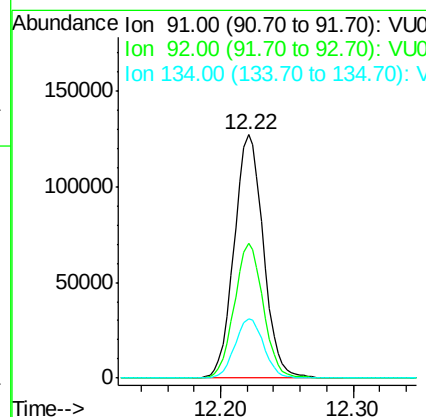
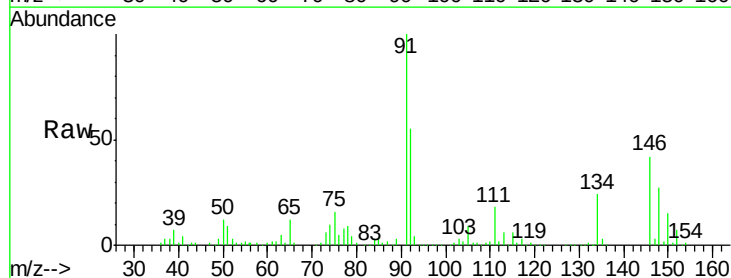
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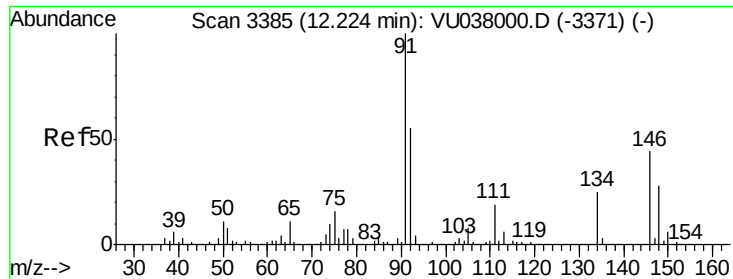
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#84
 n-Butylbenzene
 Concen: 1.800 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	43.8	65.6
134	24.0	19.4	29.2





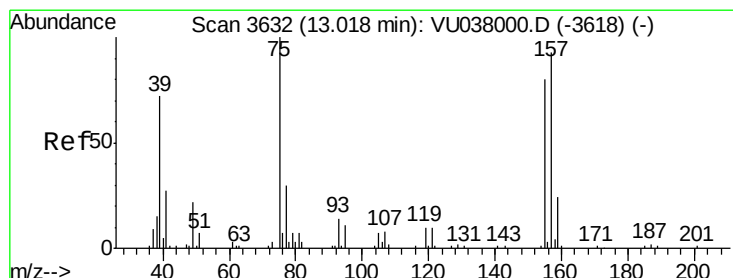
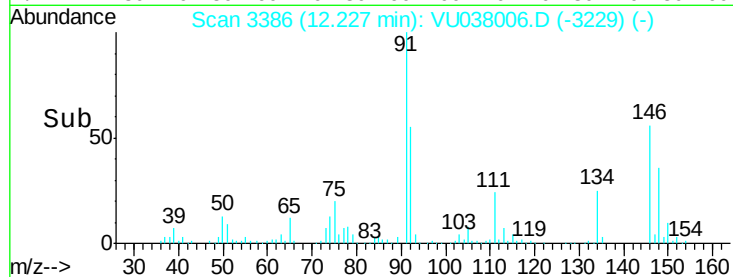
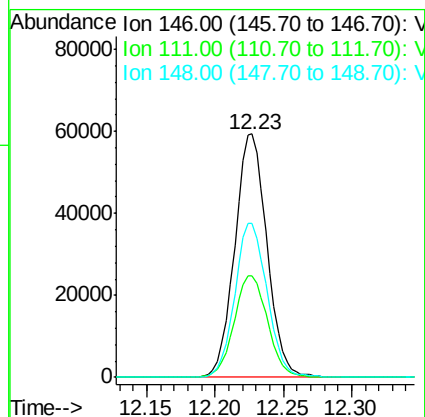
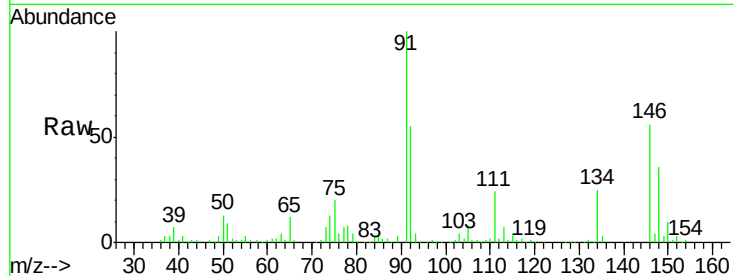
#85
 1,2-Dichlorobenzene
 Concen: 1.900 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.9	65.8
148	63.7	31.8	95.4

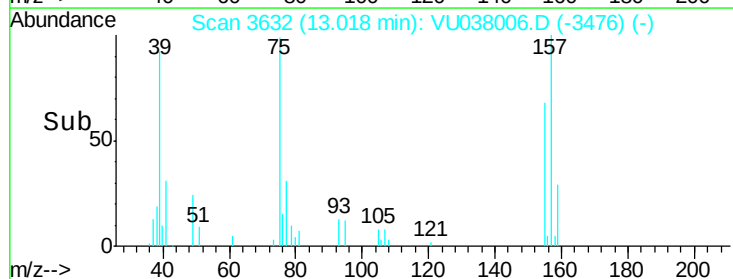
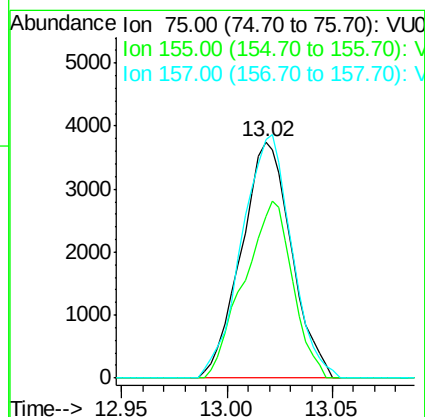
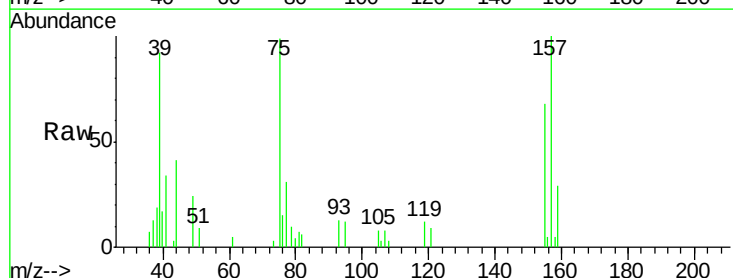
Manual Integrations
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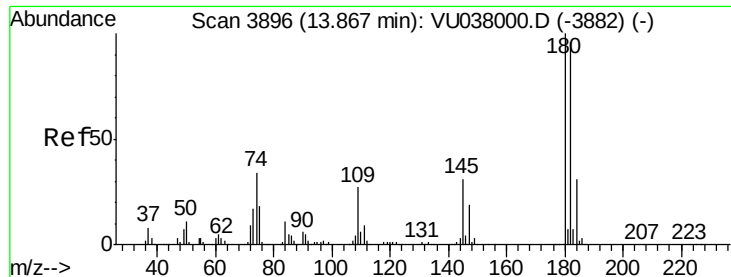
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.701 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU038006.D
 Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.4	60.9	91.3
157	102.1	78.1	117.1





#87

1,2,4-Trichlorobenzene

Concen: 1.780 ug/l

RT: 13.87 min Scan# 3896

Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Instrument :

MSVOA_U

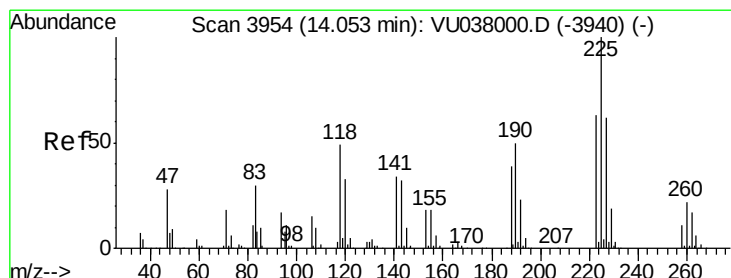
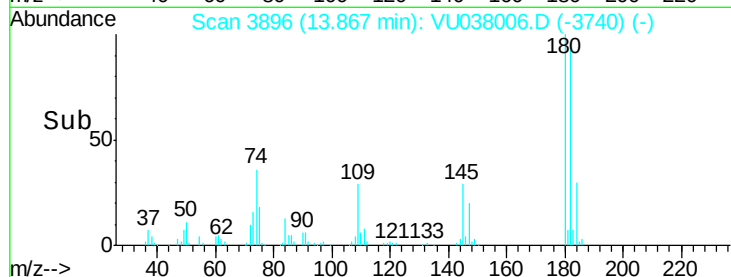
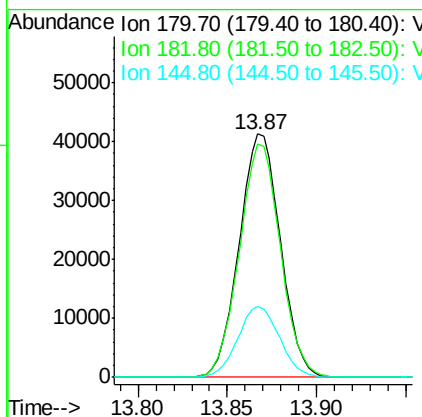
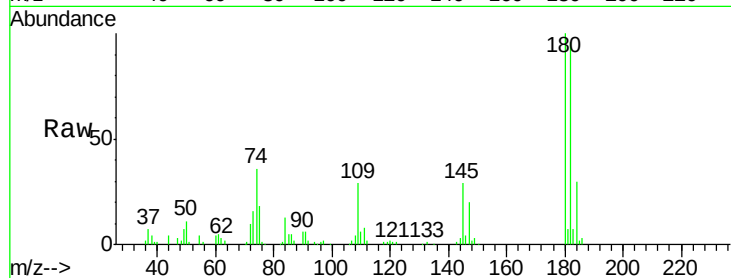
ClientSampleId :

VU0504WBSD01

Tot Ion:	180	Resp:	66634
Ion Ratio	Lower	Upper	
180	100		
182	96.0	76.9	115.3
145	29.4	24.7	37.1

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#88

Hexachlorobutadiene

Concen: 1.779 ug/l

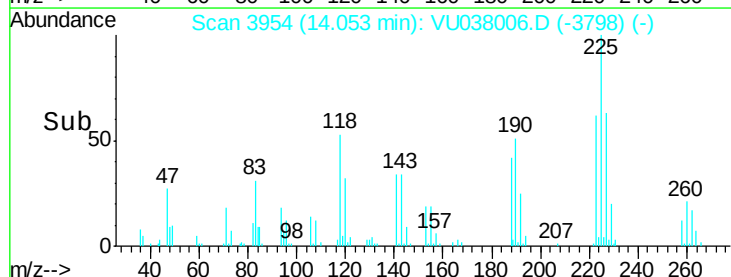
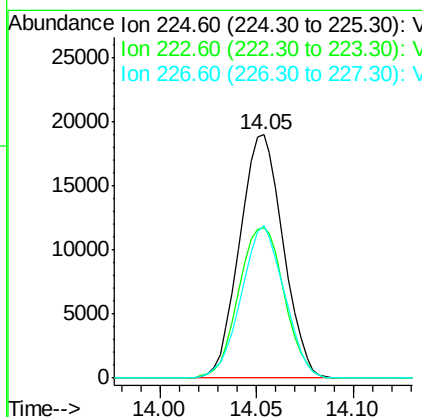
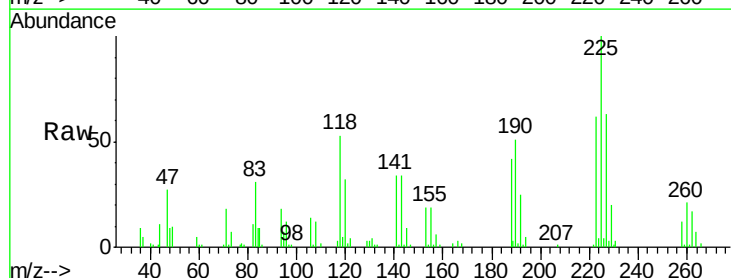
RT: 14.05 min Scan# 3954

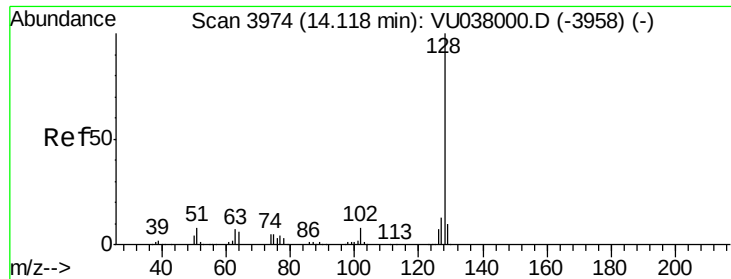
Delta R.T. 0.00 min

Lab File: VU038006.D

Acq: 04 May 2020 17:44

Tgt Ion:	225	Resp:	29779
Ion Ratio	Lower	Upper	
225	100		
223	64.7	51.3	76.9
227	61.7	49.2	73.8





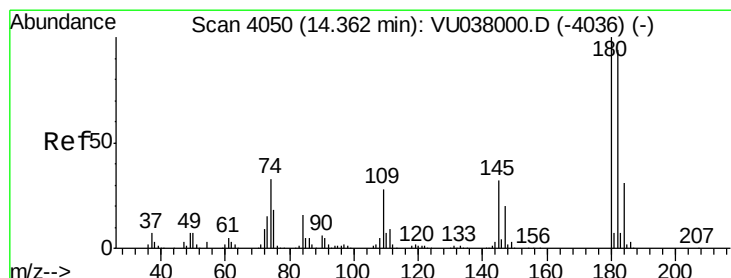
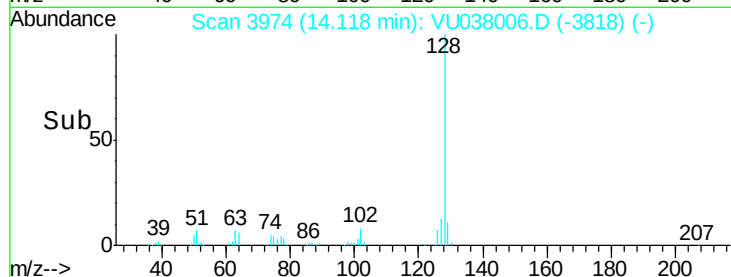
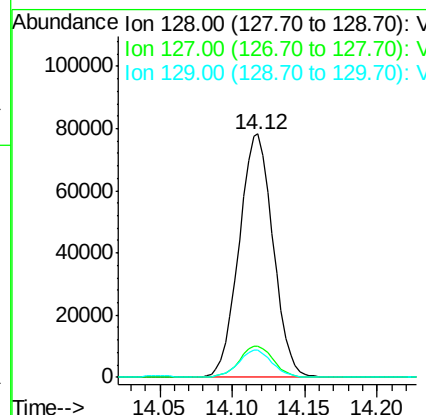
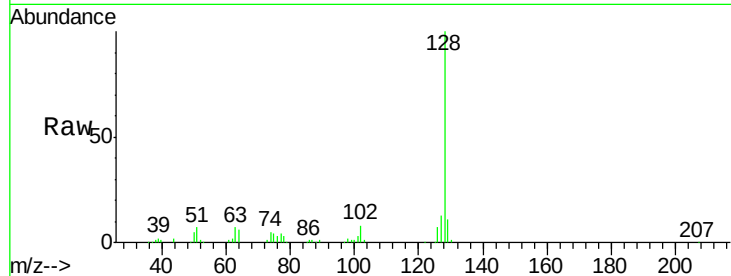
#89
Naphthalene
Concen: 1.767 ug/l
RT: 14.12 min Scan# 3974
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	12.8

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 1.856 ug/l
RT: 14.36 min Scan# 4050
Delta R.T. 0.00 min
Lab File: VU038006.D
Acq: 04 May 2020 17:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	75.9	113.9
145	32.1	26.0	39.0

