

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U081220\
 Data File : VU039842.D
 Acq On : 12 Aug 2020 13:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VSTDCCC010EC

Manual Integrations
 APPROVED

MMDadoda
 8/13/2020 11:36:00 AM

Quant Time: Aug 13 03:33:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	20877	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	8136	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery	=	100.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	7292	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	62919	8.673	ug/l	99
3) Chloromethane	1.53	50	70703	7.846	ug/l	99
4) Vinyl Chloride	1.61	62	74399	8.958	ug/l	98
5) Bromomethane	1.86	94	35418	6.235	ug/l	100
6) Chloroethane	1.94	64	49715	8.627	ug/l	99
7) Trichlorofluoromethane	2.15	101	101414	9.232	ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	58894	9.342	ug/l	98
9) 1,1-Dichloroethene	2.59	96	52032	8.970	ug/l	98
10) Iodomethane	2.74	142	39410	6.736	ug/l	97
11) Allyl Chloride	2.94	41	122730	9.808	ug/l	100
12) Acrylonitrile	3.34	53	39276	19.290	ug/l	93
13) Acetone	2.65	43	82550	43.090	ug/l	99
14) Carbon Disulfide	2.81	76	154515	7.264	ug/l	99
15) Methylene Chloride	3.06	84	67146	8.304	ug/l	96
16) trans-1,2-Dichloroethene	3.37	96	60437	9.164	ug/l	97
17) 1,1-Dichloroethane	3.89	63	141587	9.777	ug/l	99
18) 2-Butanone	4.74	43	138244	42.912	ug/l	98
19) Cyclohexane	5.39	56	122892m	8.768	ug/l	
20) Methylcyclohexane	6.77	83	92892	8.944	ug/l	97
21) 2,2-Dichloropropane	4.68	77	111736	9.458	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	66643	9.375	ug/l	96
23) Diethyl Ether	2.39	59	54433	9.178	ug/l	97
24) tert-Butyl Alcohol	3.22	59	68736	97.124	ug/l	99
25) Methyl tert-Butyl Ether	3.39	73	180414	9.532	ug/l	99
26) Bromochloromethane	4.99	128	26742	9.195	ug/l	97
27) Chloroform	5.11	83	132751	9.795	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	109574	9.992	ug/l	100
29) 1,1-Dichloropropene	5.54	75	100728	9.538	ug/l	97
30) Carbon Tetrachloride	5.53	117	90767	10.122	ug/l	97
31) Isopropyl Ether	4.02	45	267882	10.142	ug/l	100
32) Ethyl-t-butyl ether	4.54	59	220567	9.813	ug/l	100
33) Tert-Amyl methyl ether	5.97	73	149802	9.244	ug/l	100
34) Propionitrile	4.81	54	36205	45.557	ug/l	99
35) Benzene	5.78	78	243284	9.313	ug/l	99
36) 1,2-Dichloroethane	5.81	62	88913	9.080	ug/l	100
37) Trichloroethene	6.55	130	53966	9.030	ug/l	98
38) 1,2-Dichloropropane	6.81	63	71637	9.950	ug/l	97
39) Methacrylonitrile	5.01	41	36270	8.660	ug/l	98
40) Methyl acrylate	4.88	55	48145	8.915	ug/l	99
41) Tetrahydrofuran	5.09	42	35872	17.024	ug/l	97
42) 1-Chlorobutane	5.47	56	159521	9.625	ug/l	97

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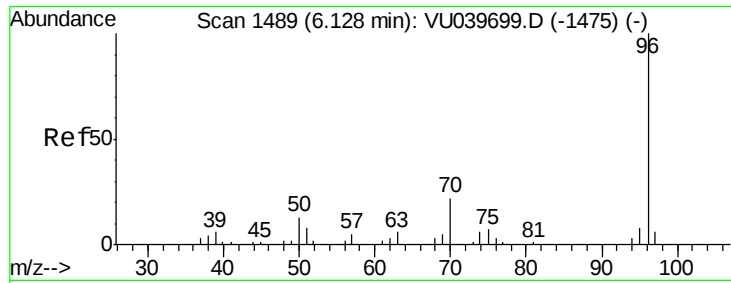
Manual Integrations
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MMDadoda
 8/13/2020 11:36:00 AM

Quant Time: Aug 13 03:33:56 2020
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	34300	8.853	ug/l	99
44) Bromodichloromethane	7.12	83	89962	10.128	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	279260	47.584	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	30848m	17.672	ug/l	
47) Methyl methacrylate	6.98	69	69245	19.163	ug/l	97
48) Ethyl methacrylate	8.35	69	61450	9.239	ug/l	98
49) Toluene	7.98	92	147736	9.502	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	79514	9.939	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	92639	9.852	ug/l	96
52) 1,1,2-Trichloroethane	8.41	97	46511	9.240	ug/l	98
53) 1,3-Dichloropropane	8.58	76	87767	9.081	ug/l	100
54) 2-Hexanone	8.70	43	193392	46.024	ug/l	98
55) Dibromochloromethane	8.82	129	52297	9.675	ug/l	99
56) 1,2-Dibromoethane	8.93	107	42392	8.740	ug/l	100
58) Tetrachloroethene	8.56	164	49902	9.538	ug/l	95
59) Chlorobenzene	9.45	112	151126	9.399	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	54071	9.974	ug/l	98
61) Pentachloroethane	11.43	117	43143	9.058	ug/l	96
62) Hexachloroethane	12.47	117	44880	10.280	ug/l	100
63) Ethyl Benzene	9.57	91	277945	9.646	ug/l	100
64) m/p-Xylenes	9.70	106	216919	19.268	ug/l	99
65) o-Xylene	10.10	106	101615	9.507	ug/l	99
66) Styrene	10.11	104	183791	10.034	ug/l	99
67) Bromoform	10.29	173	26750	9.701	ug/l	99
69) Isopropylbenzene	10.48	105	272008	9.528	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	63442	8.755	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	49136m	9.001	ug/l	
72) Bromobenzene	10.78	156	59903	9.239	ug/l	98
73) n-propylbenzene	10.91	120	75938	9.460	ug/l	97
74) 2-Chlorotoluene	10.99	126	61813	9.116	ug/l	97
75) 1,3,5-Trimethylbenzene	11.09	105	239221	9.693	ug/l	99
76) 4-Chlorotoluene	11.10	126	68355	9.732	ug/l	99
77) tert-Butylbenzene	11.42	119	223012	9.419	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	249524	9.858	ug/l	99
79) sec-Butylbenzene	11.64	105	321802	9.549	ug/l	100
80) Nitrobenzene	13.20	77	8767	71.499	ug/l	97
81) p-Isopropyltoluene	11.79	119	260614	9.596	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	125382	8.985	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	125834	8.965	ug/l	100
84) n-Butylbenzene	12.20	91	274429	9.513	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	121297	9.018	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	11952	9.792	ug/l	93
87) 1,2,4-Trichlorobenzene	13.83	180	79222	9.417	ug/l	98
88) Hexachlorobutadiene	14.01	225	36248	9.488	ug/l	99
89) Naphthalene	14.08	128	167755	9.320	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	75201	9.469	ug/l	99

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampled :

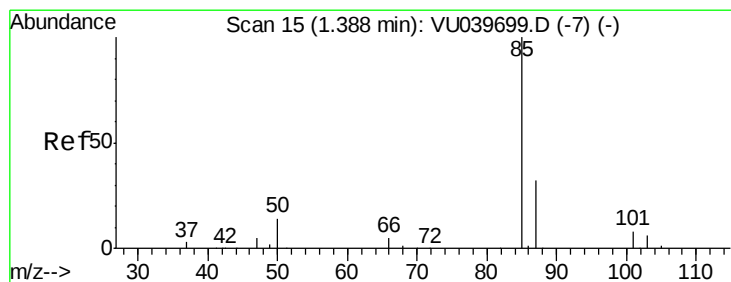
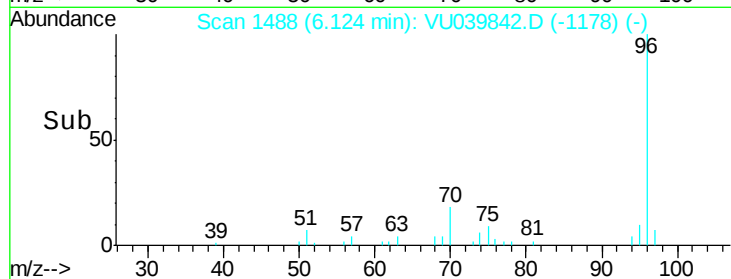
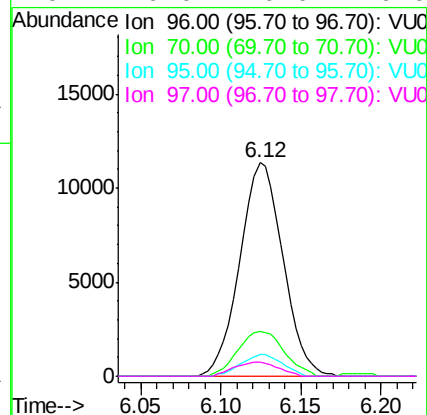
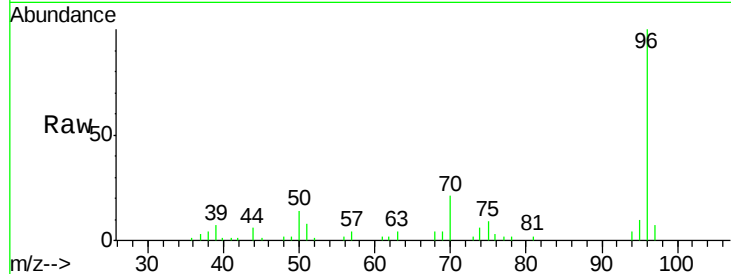
VSTDCCC010EC

Tot Ion:	96	Resp:	20877
Ion Ratio	Lower	Upper	
96	100		
70	22.6	16.3	24.5
95	9.7	6.8	10.2
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 8.673 ug/l

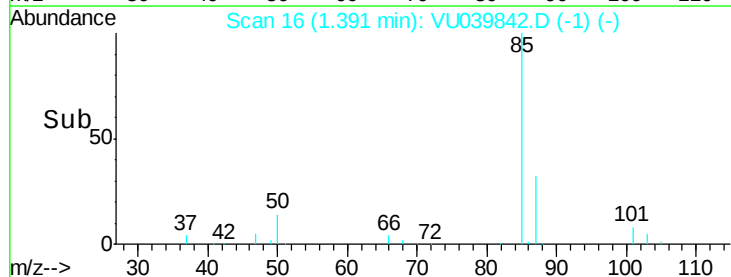
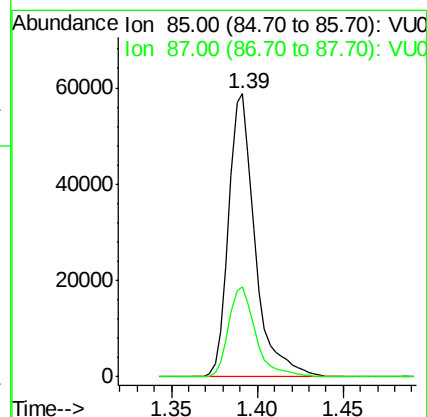
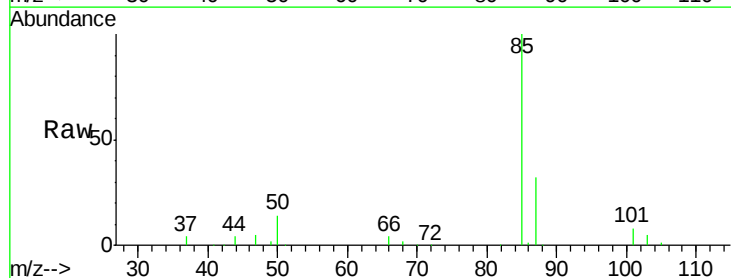
RT: 1.39 min Scan# 16

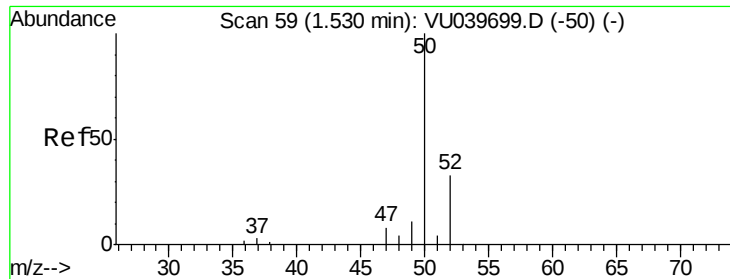
Delta R.T. 0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Tgt Ion:	85	Resp:	62919
Ion Ratio	Lower	Upper	
85	100		
87	31.9	16.2	48.6





#3

Chloromethane

Concen: 7.846 ug/l

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 50 Resp: 70703

Ion Ratio Lower Upper

50 100

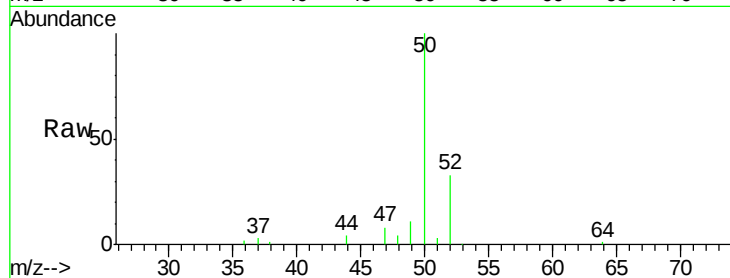
52 32.9 26.0 39.0

Manual Integrations

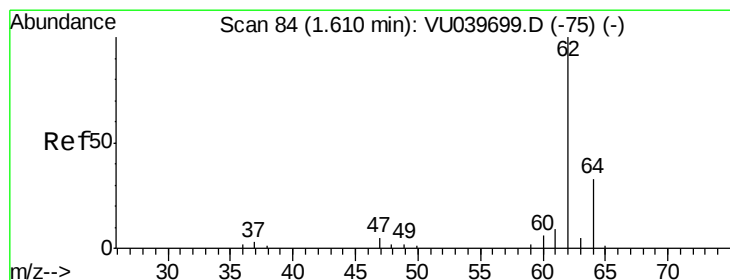
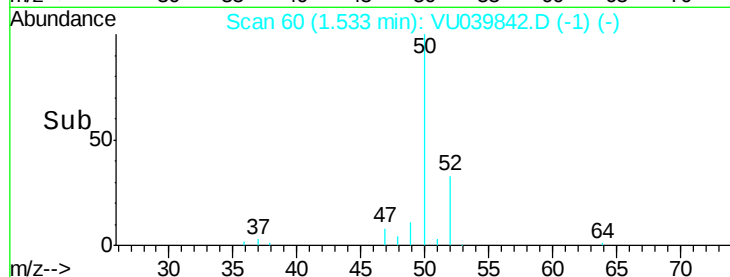
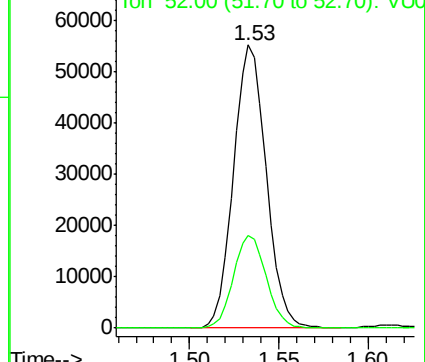
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Abundance Ion 50.00 (49.70 to 50.70): VU039699.D (-50) (-)



#4

Vinyl Chloride

Concen: 8.958 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039842.D

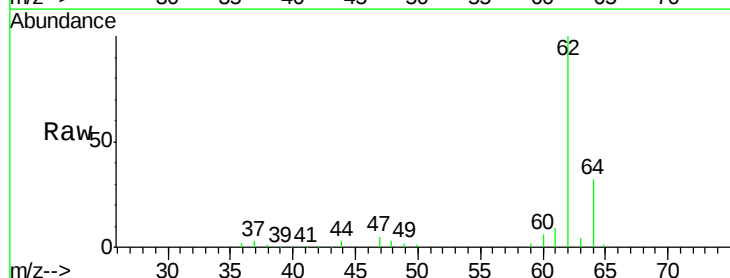
Acq: 12 Aug 2020 13:31

Tgt Ion: 62 Resp: 74399

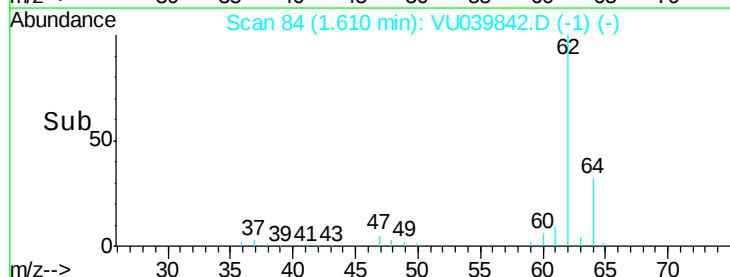
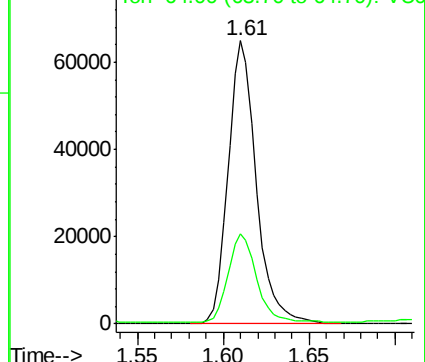
Ion Ratio Lower Upper

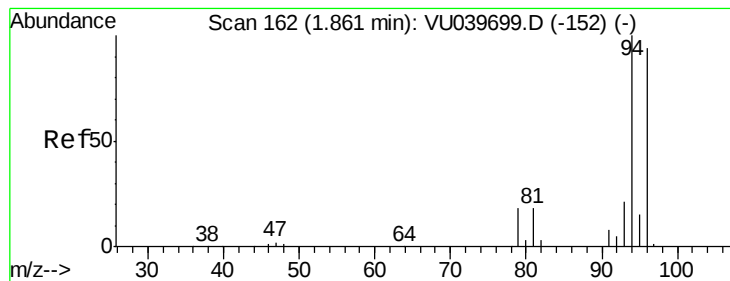
62 100

64 31.4 26.0 39.0



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





#5

Bromomethane

Concen: 6.235 ug/l

RT: 1.86 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 94 Resp: 35418

Ion Ratio Lower Upper

94 100

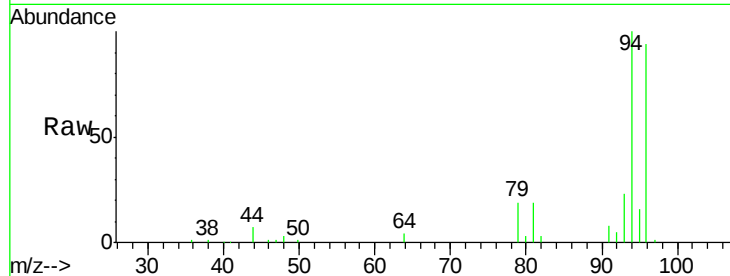
96 93.7 75.0 112.6

Manual Integrations

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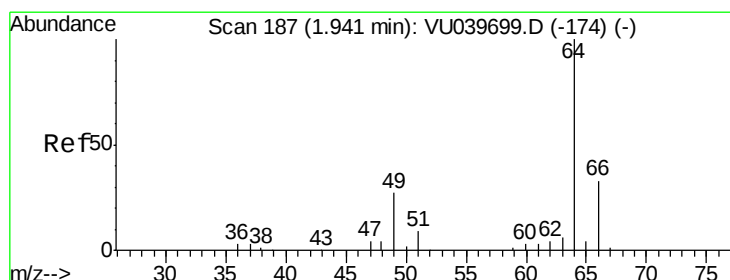
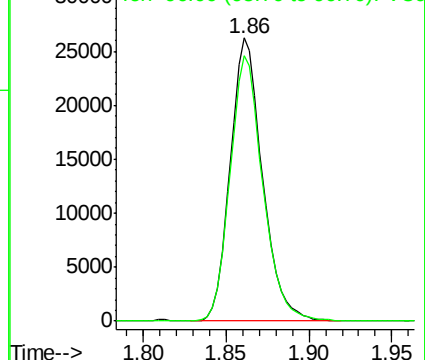
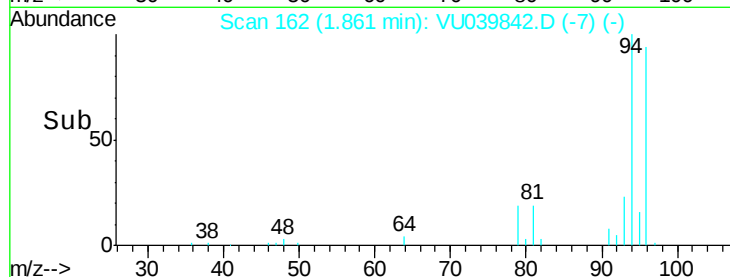
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Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039842.D (-7) (-)



#6

Chloroethane

Concen: 8.627 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039842.D

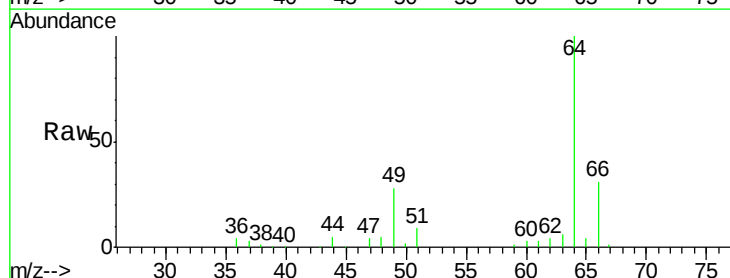
Acq: 12 Aug 2020 13:31

Tgt Ion: 64 Resp: 49715

Ion Ratio Lower Upper

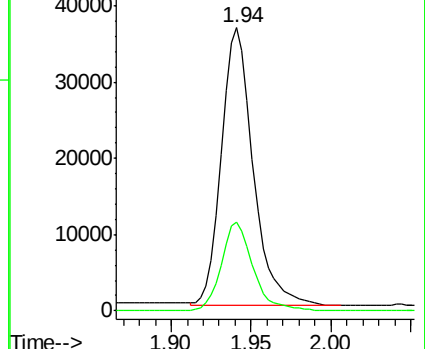
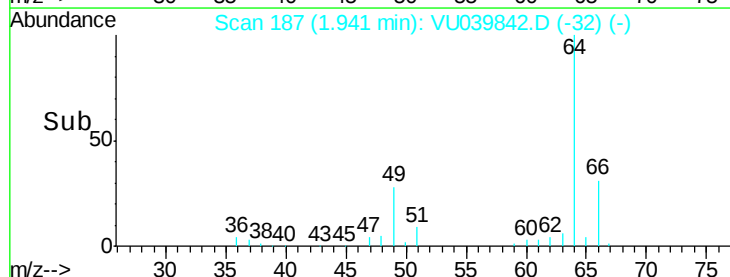
64 100

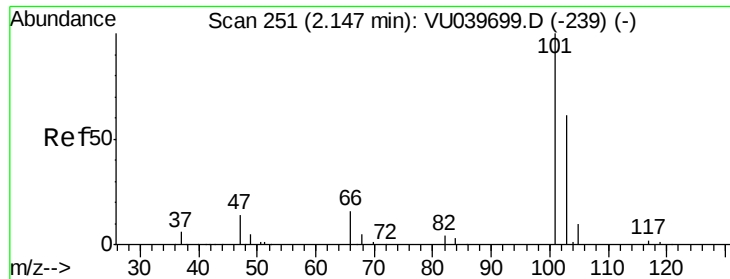
66 32.1 26.2 39.2



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

Ion 66.00 (65.70 to 66.70): VU039842.D (-32) (-)





#7

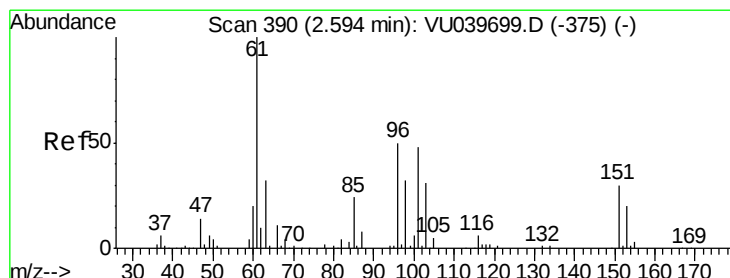
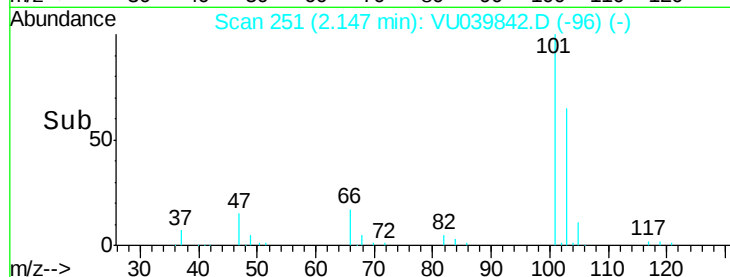
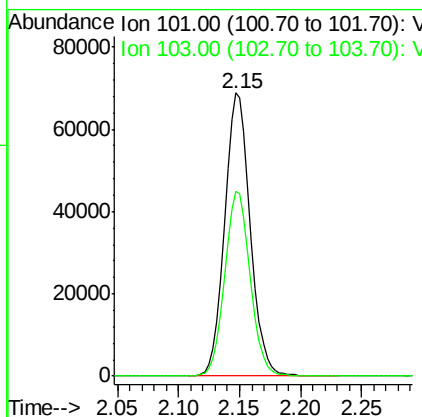
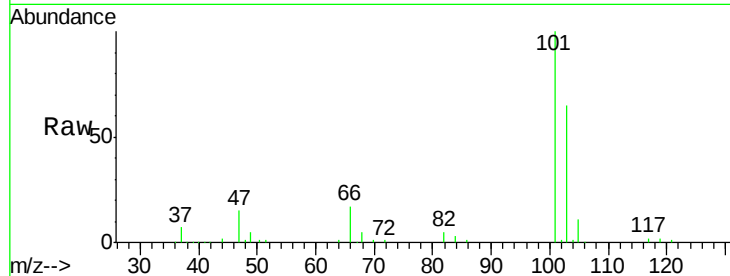
Trichlorofluoromethane
Concen: 9.232 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	48.8	73.2

Manual Integrations
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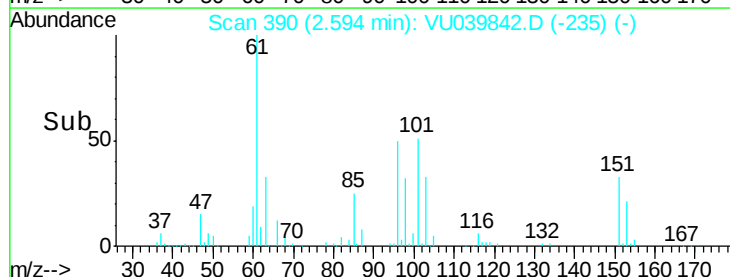
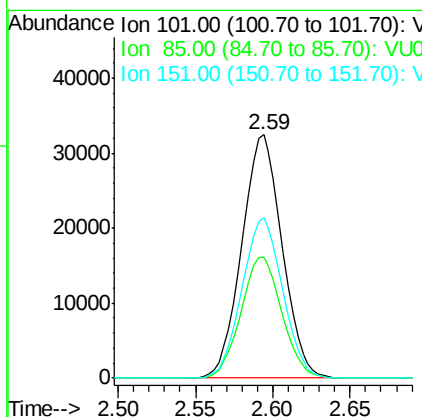
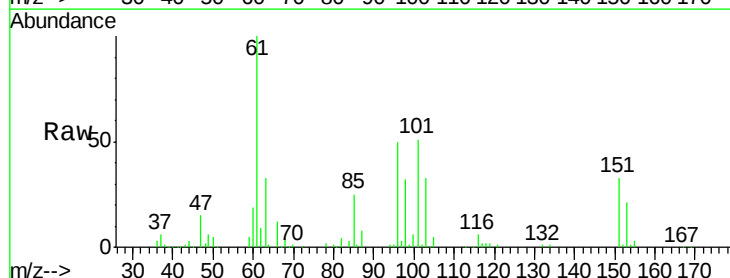
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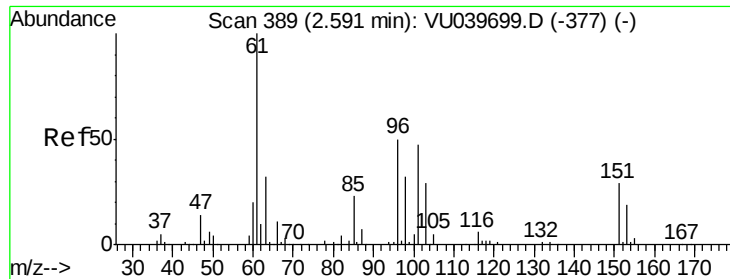


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.342 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
101	100		
85	50.2	39.9	59.9
151	66.2	51.0	76.4





#9

1,1-Dichloroethene

Concen: 8.970 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

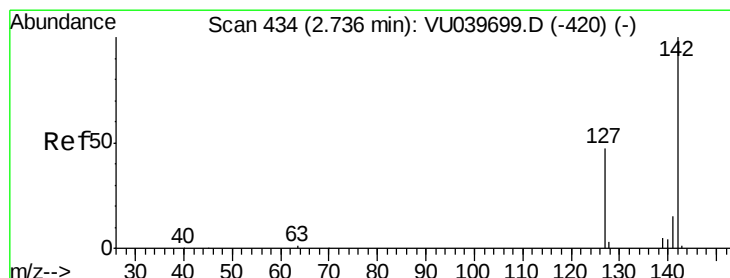
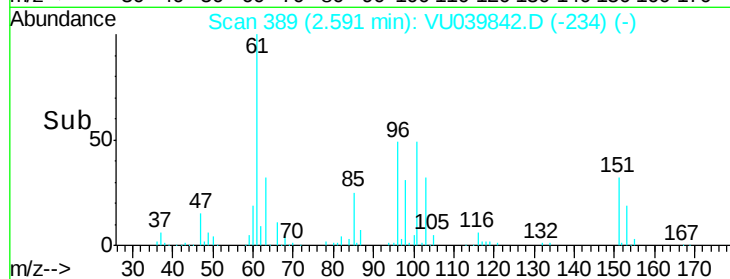
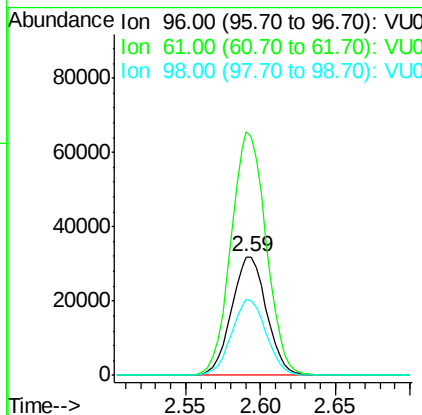
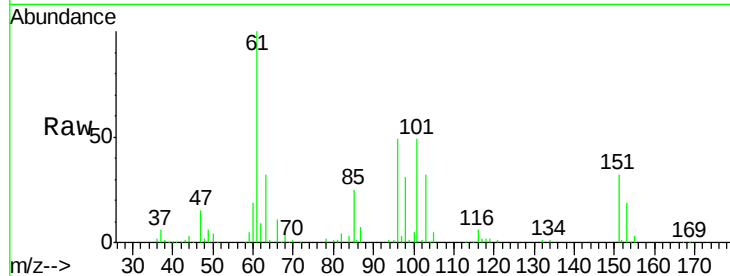
VSTDCCC010EC

Tot Ion:	96	Resp:	52032
Ion	Ratio	Lower	Upper
96	100		
61	205.3	0.0	604.5
98	64.4	0.0	127.2

Manual Integrations
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MMDadoda

8/13/2020 11:36:00 AM



#10

Iodomethane

Concen: 6.736 ug/l

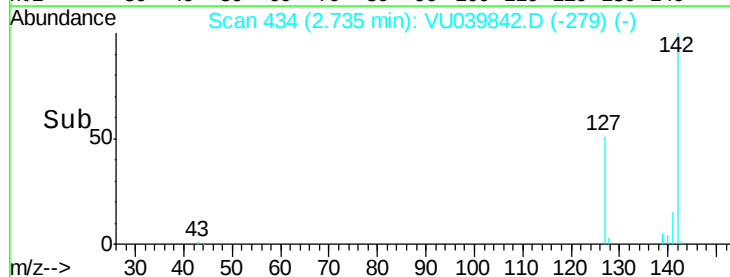
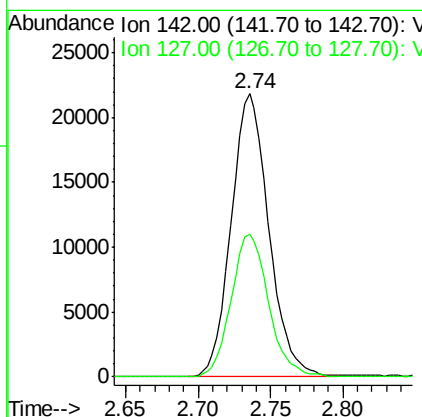
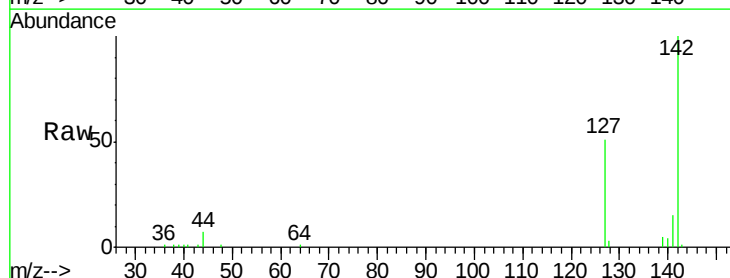
RT: 2.74 min Scan# 434

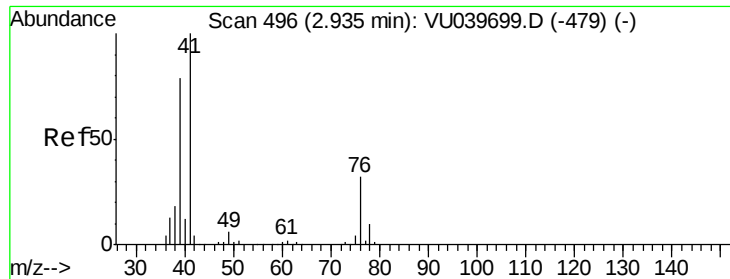
Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Tgt Ion:	142	Resp:	39410
Ion	Ratio	Lower	Upper
142	100		
127	50.0	38.4	57.6





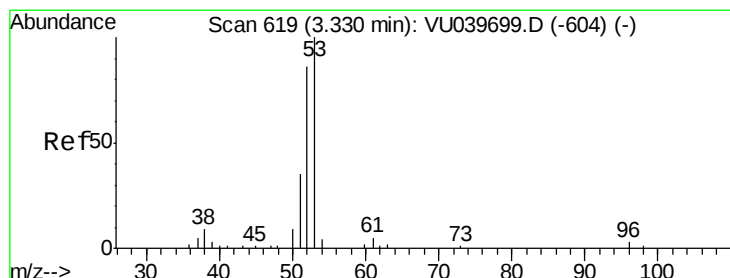
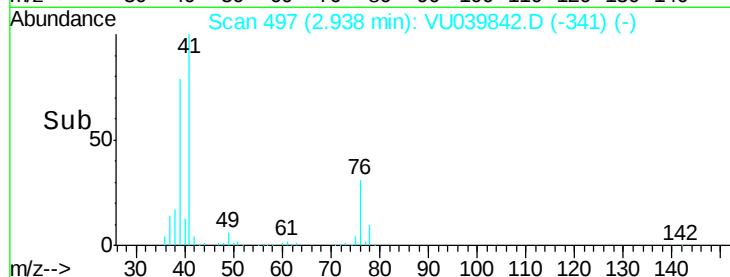
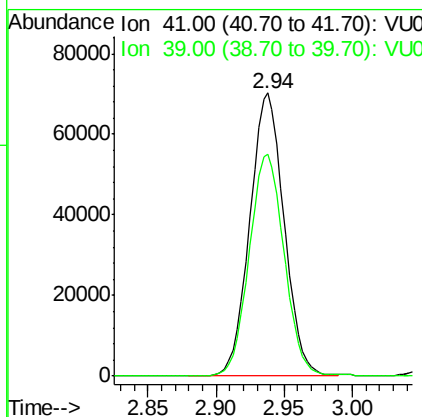
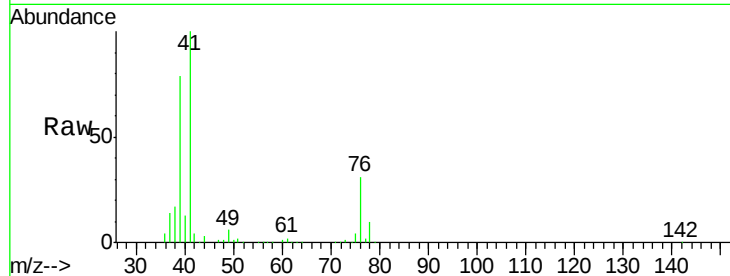
#11
Allvl Chloride
Concen: 9.808 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	80.1	64.2	96.2

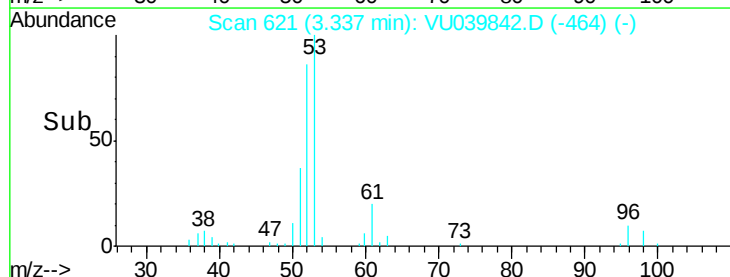
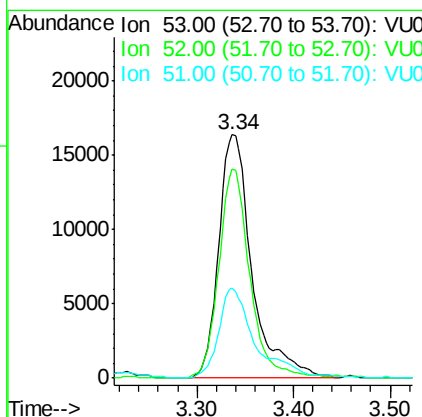
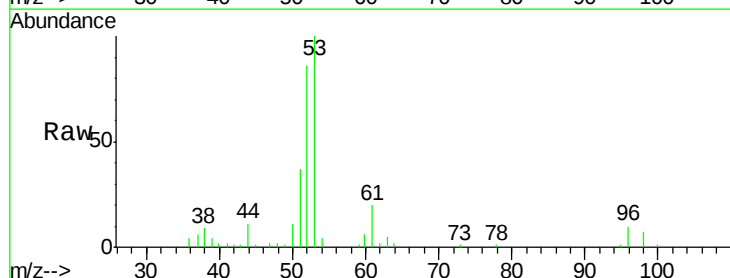
Manual Integrations
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#12
Acrylonitrile
Concen: 19.290 ug/l
RT: 3.34 min Scan# 621
Delta R.T. 0.01 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.9	69.1	103.7
51	40.3	29.4	44.2





#13

Acetone

Concen: 43.090 ug/l

RT: 2.65 min Scan# 406

Delta R.T. 0.01 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 43 Resp: 82550

Ion Ratio Lower Upper

43 100

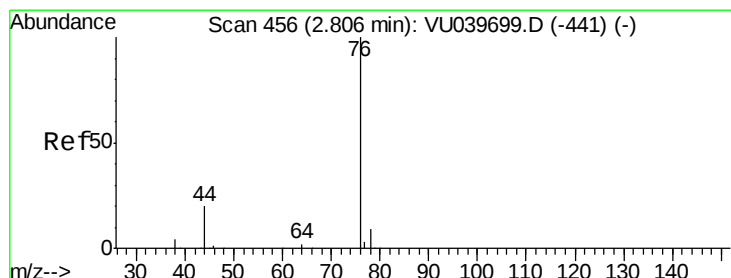
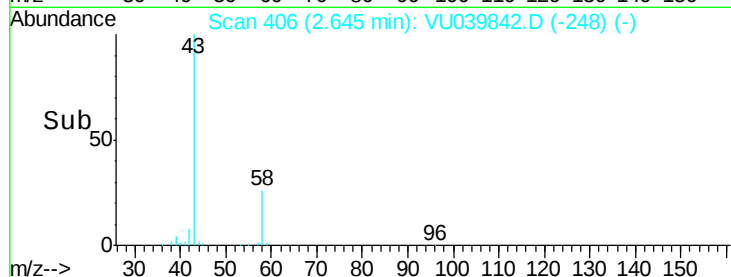
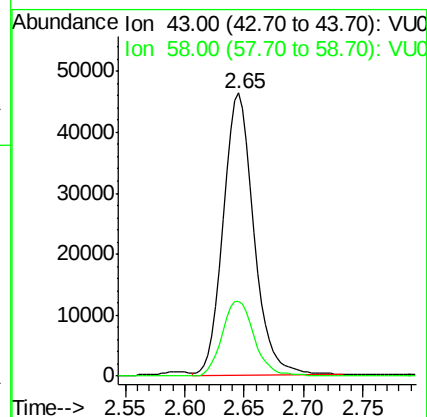
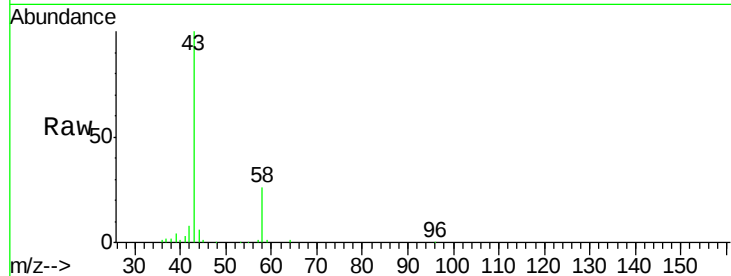
58 26.6 21.8 32.6

Manual Integrations

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#14

Carbon Disulfide

Concen: 7.264 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU039842.D

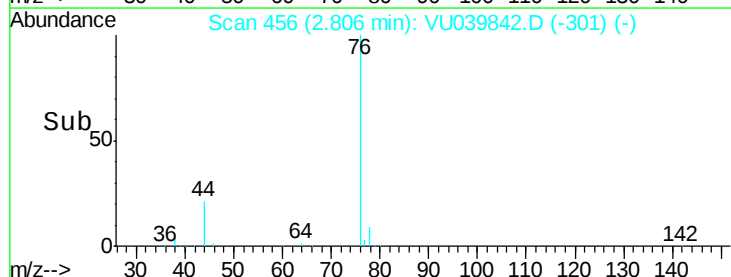
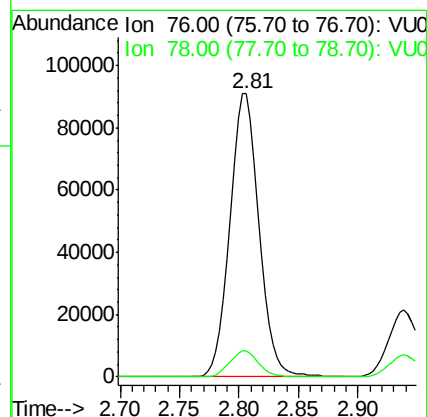
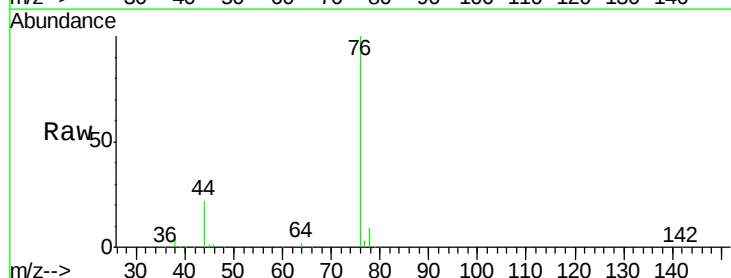
Acq: 12 Aug 2020 13:31

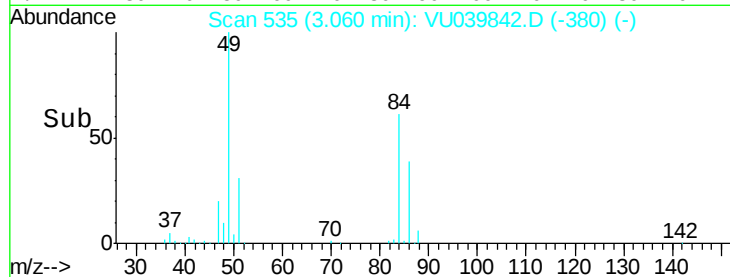
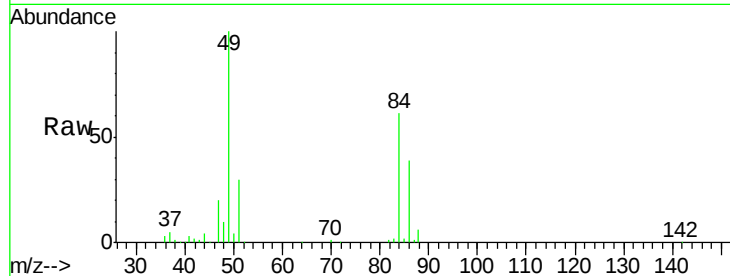
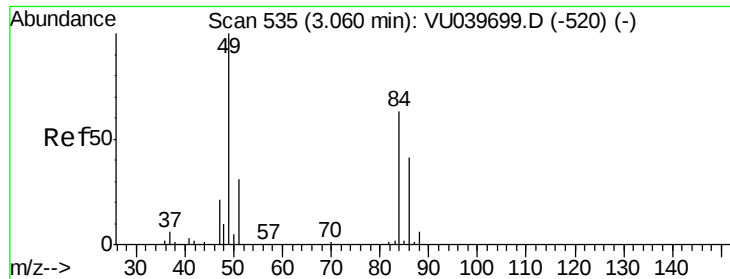
Tgt Ion: 76 Resp: 154515

Ion Ratio Lower Upper

76 100

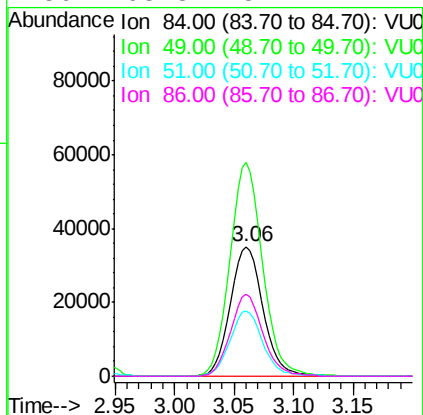
78 9.2 7.0 10.6





#15
Methvlene Chloride
Concen: 8.304 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

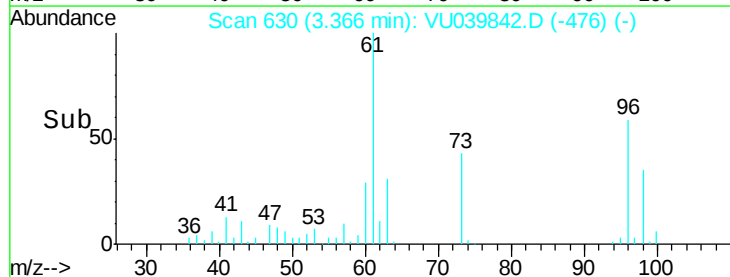
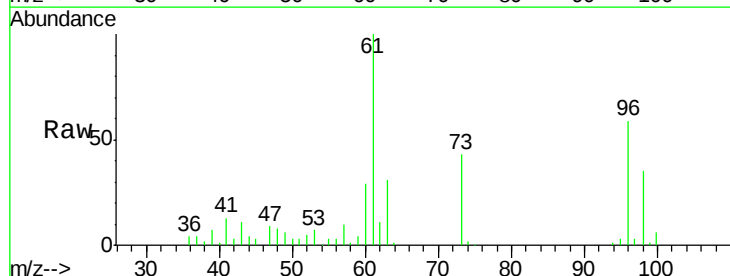
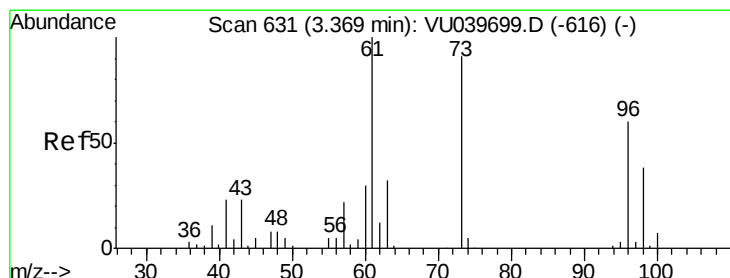
Tot Ion:	84	Resp:	67146
Ion	Ratio	Lower	Upper
84	100		
49	165.2	126.8	190.2
51	50.3	0.0	97.2
86	63.8	51.4	77.2



Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

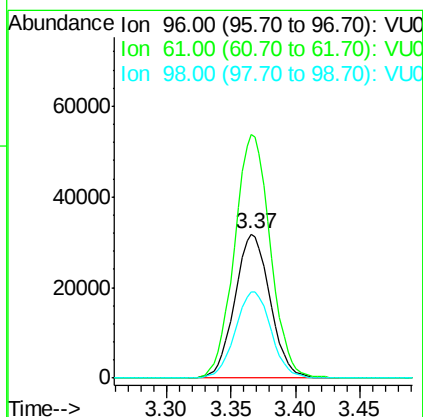
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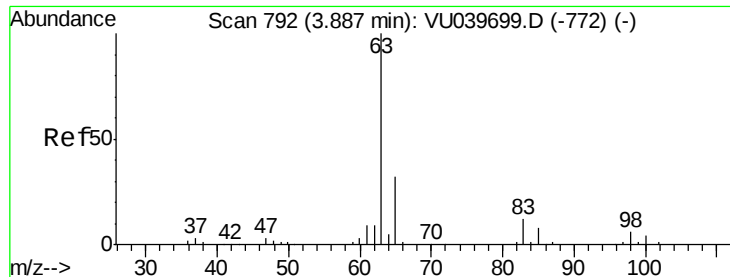
MMDadoda
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#16
trans-1,2-Dichloroethene
Concen: 9.164 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion:	96	Resp:	60437
Ion	Ratio	Lower	Upper
96	100		
61	168.5	132.6	199.0
98	59.7	50.2	75.2





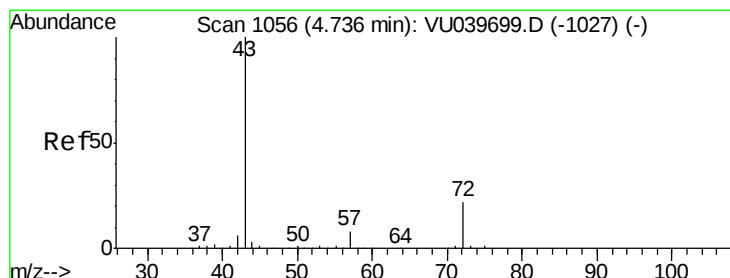
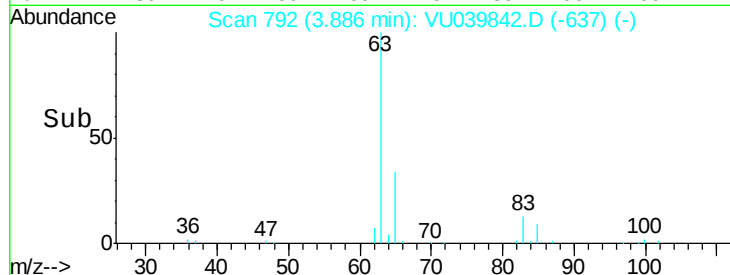
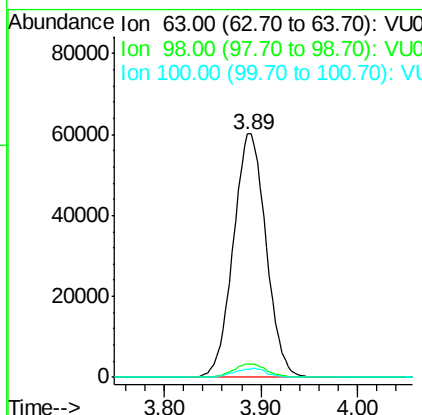
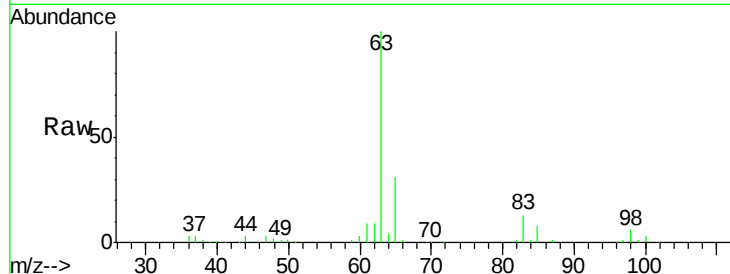
#17
 1,1-Dichloroethane
 Concen: 9.777 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.5	2.9	8.7
100	3.3	2.0	6.0

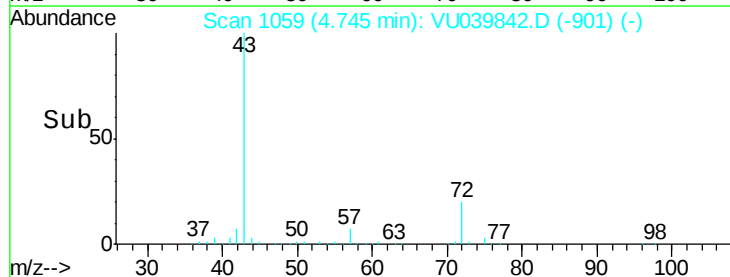
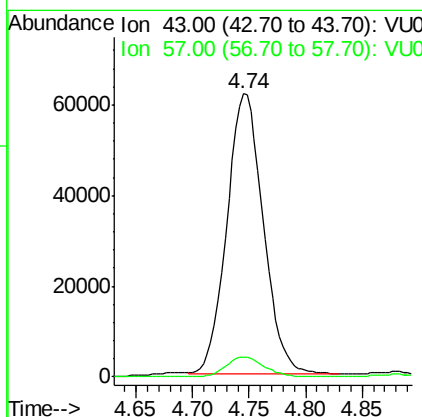
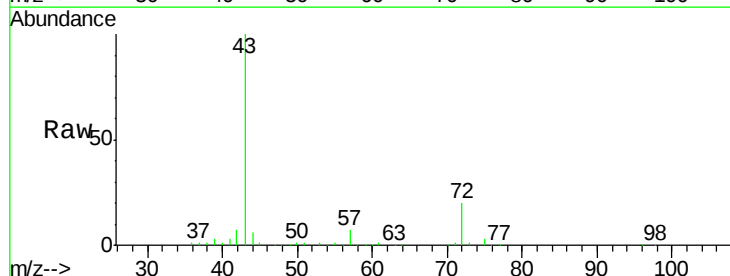
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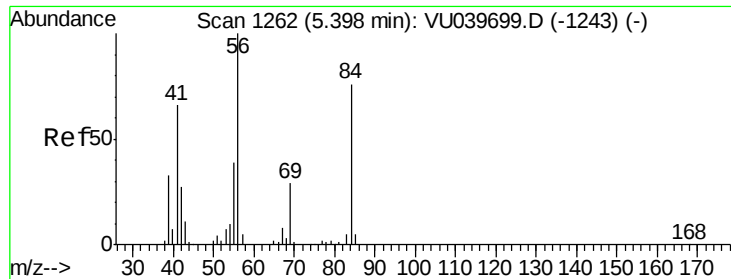
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 8/13/2020 11:36:00 AM



#18
 2-Butanone
 Concen: 42.912 ug/l
 RT: 4.74 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.0	0.0	15.2





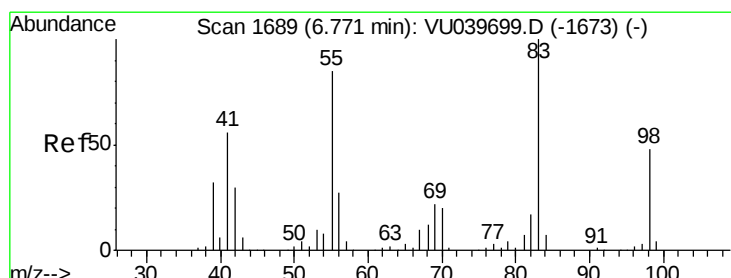
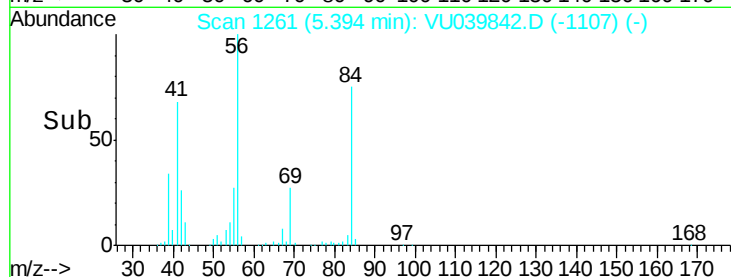
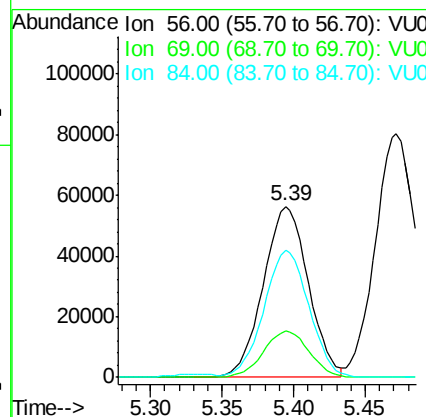
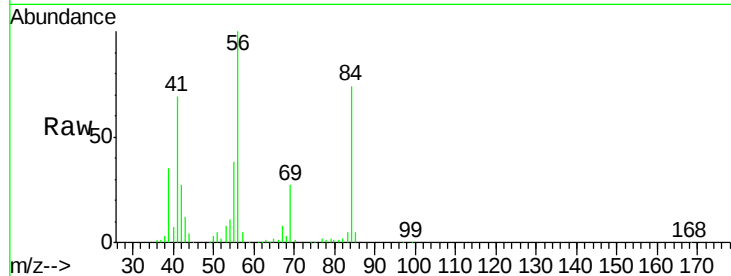
#19
Cyclohexane
Concen: 8.768 ug/l m
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	27.5	22.8	34.2	
84	72.4	59.9	89.9	

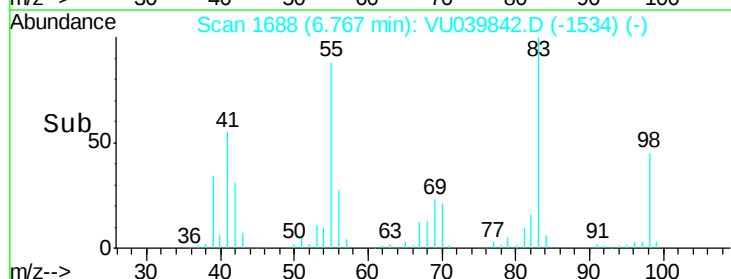
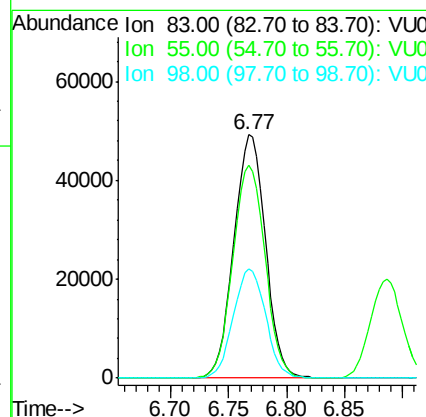
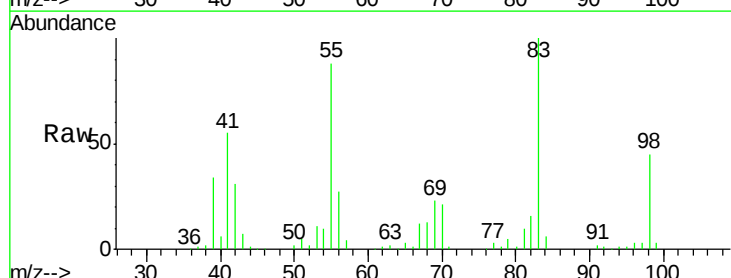
Manual Integrations
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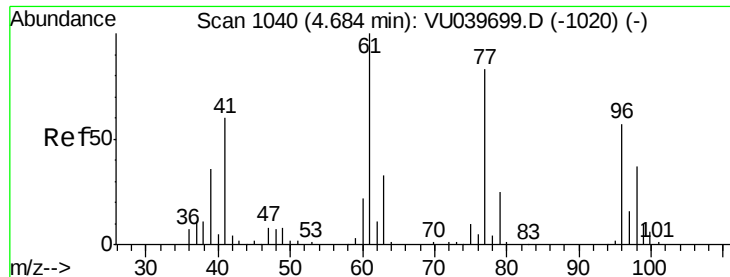
MMDadoda
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#20
Methylcyclohexane
Concen: 8.944 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
55	88.8	67.6	101.4	
98	46.0	37.3	55.9	





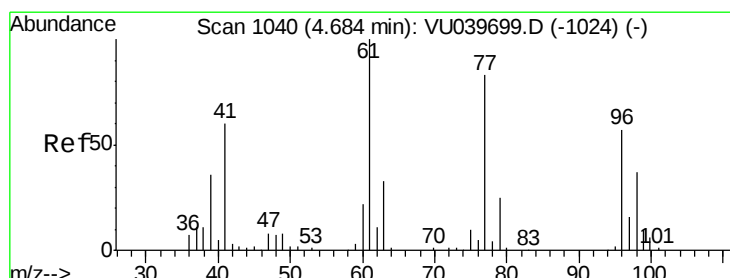
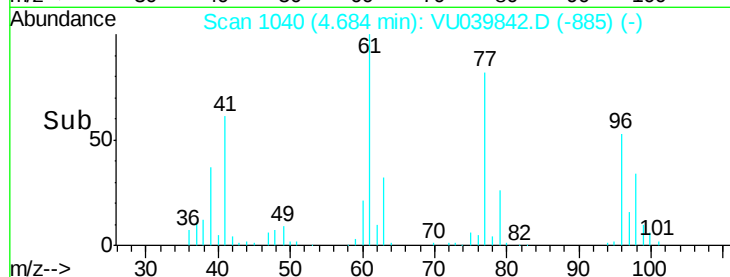
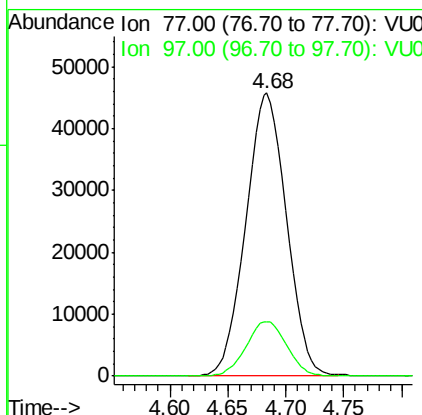
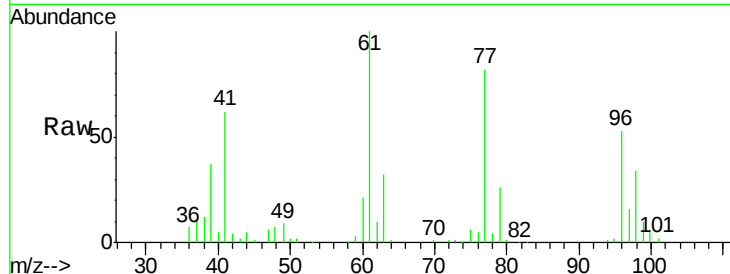
#21
 2,2-Dichloropropane
 Concen: 9.458 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
77	100		
97	19.3	15.2	22.8

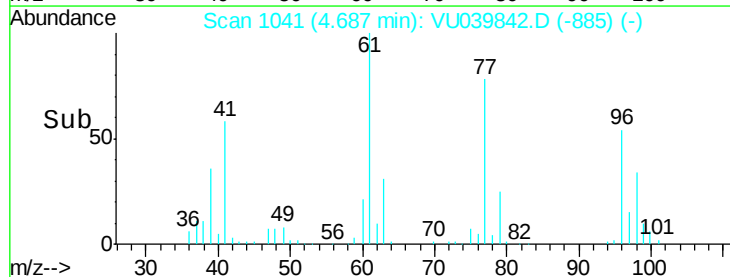
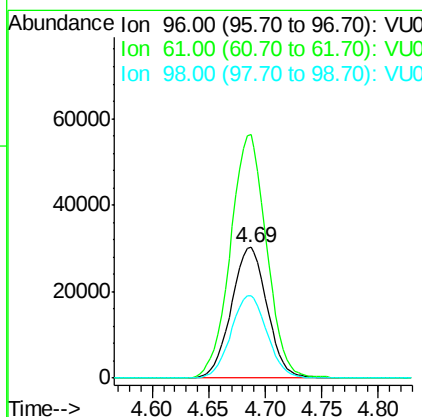
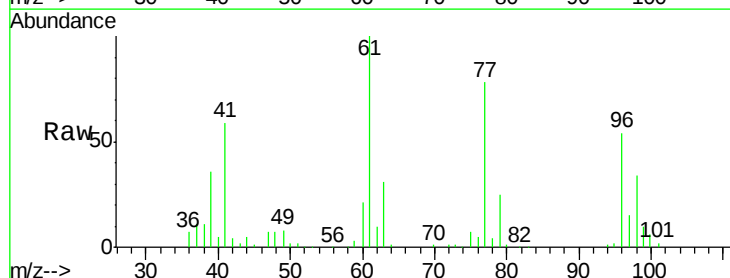
Manual Integrations
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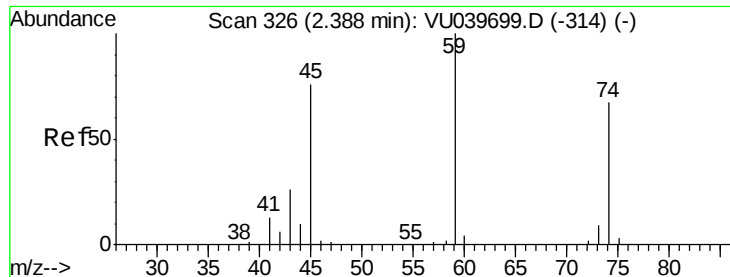
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 8/13/2020 11:36:00 AM



#22
 cis-1,2-Dichloroethene
 Concen: 9.375 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
96	100		
61	187.6	0.0	451.3
98	63.7	32.6	98.0





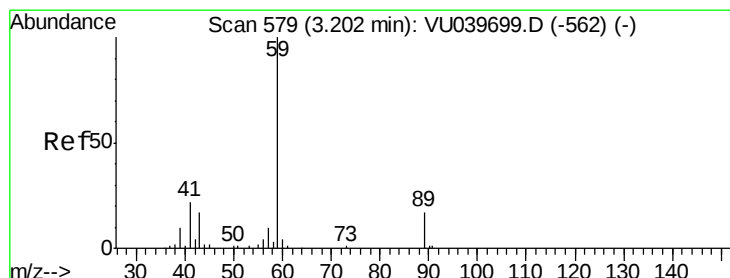
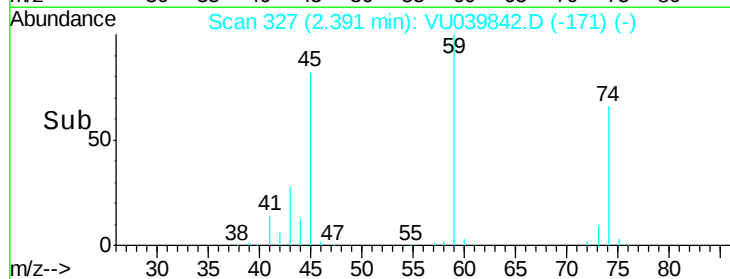
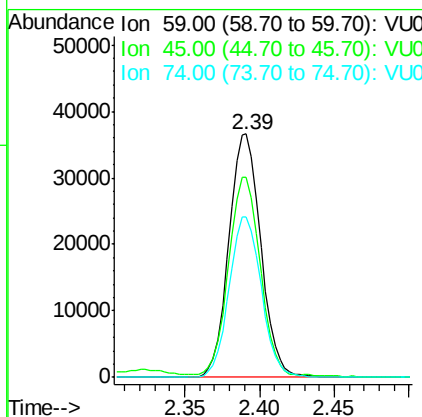
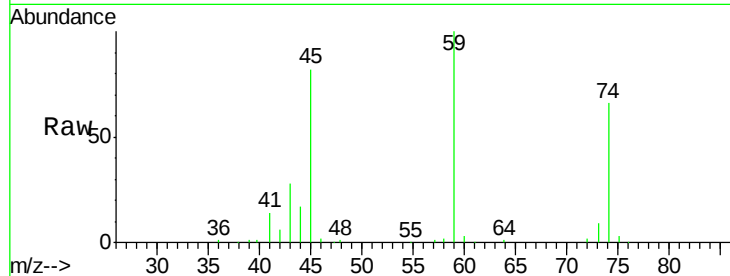
#23
Diethyl Ether
Concen: 9.178 ug/l
RT: 2.39 min Scan# 327
Delta R.T. 0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion:	59	Resp:	54433
Ion	Ratio	Lower	Upper
59	100		
45	79.9	61.5	92.3
74	66.7	54.3	81.5

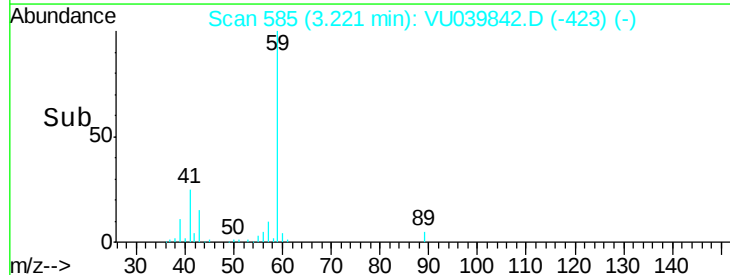
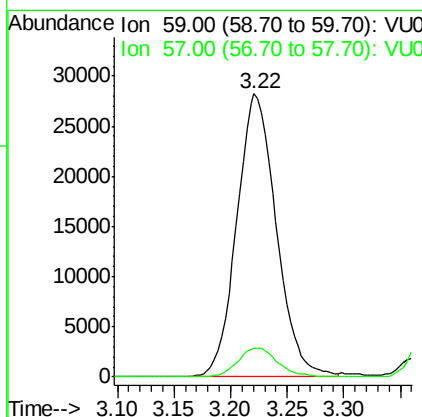
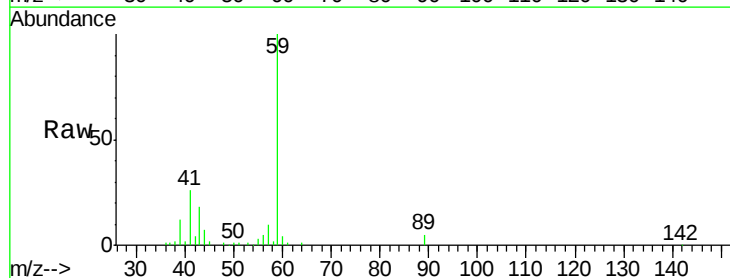
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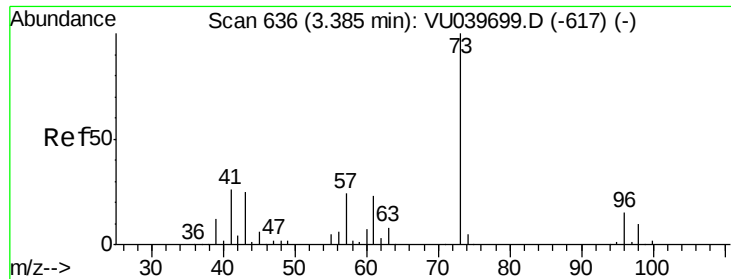
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#24
tert-Butyl Alcohol
Concen: 97.124 ug/l
RT: 3.22 min Scan# 585
Delta R.T. 0.02 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion:	59	Resp:	68736
Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6





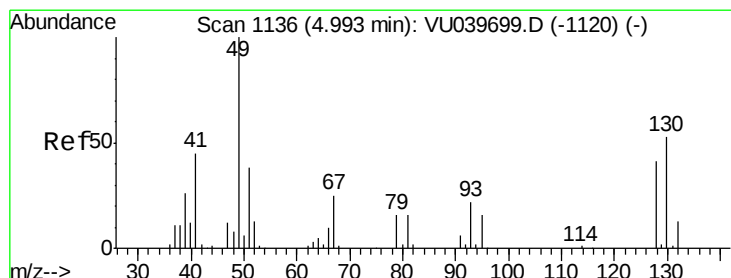
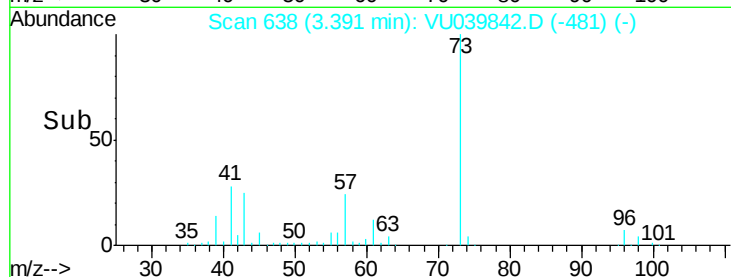
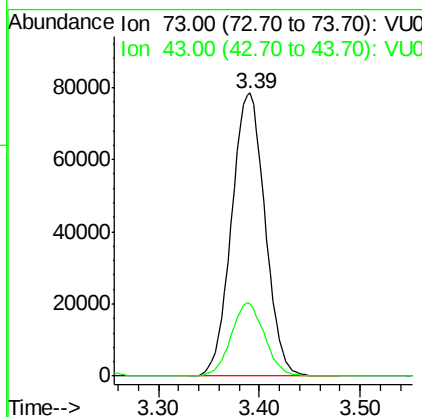
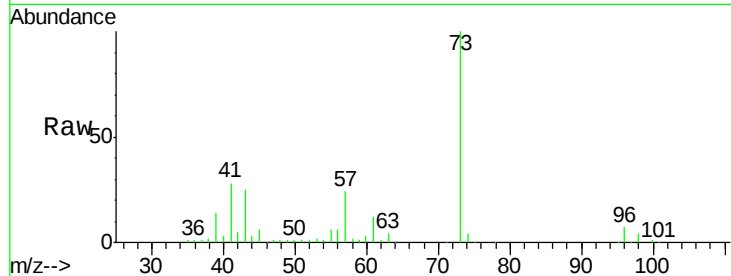
#25
Methvl tert-Butvl Ether
Concen: 9.532 ug/l
RT: 3.39 min Scan# 638
Delta R.T. 0.01 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
73	100		
43	25.4	20.1	30.1

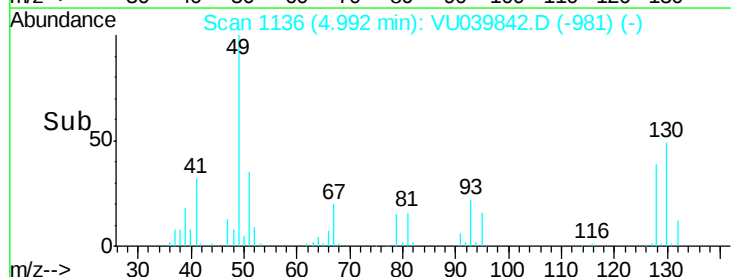
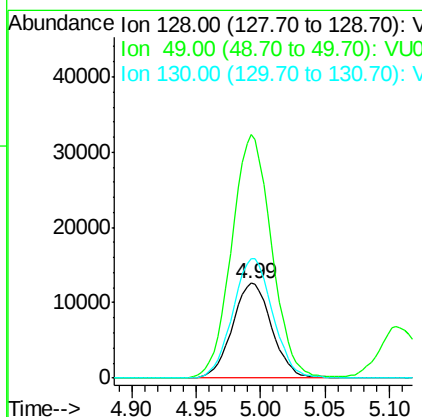
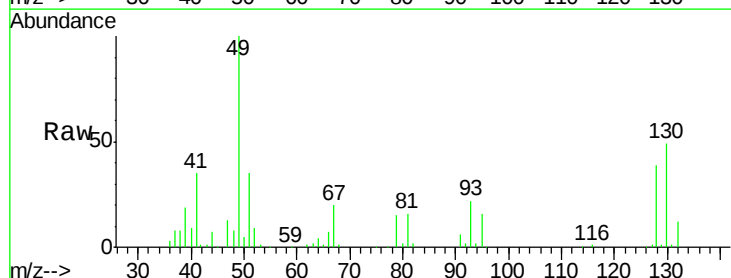
Manual Integrations
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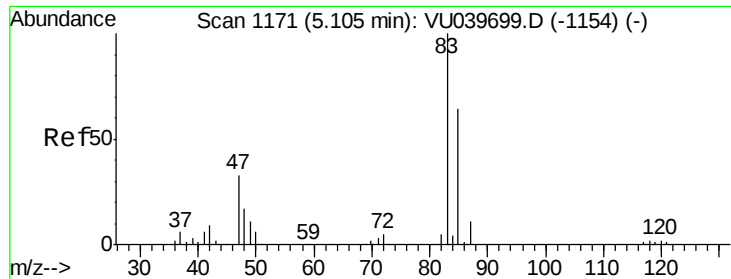
MMDadoda
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#26
Bromochloromethane
Concen: 9.195 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
128	100		
49	259.8	0.0	503.8
130	127.9	102.7	154.1





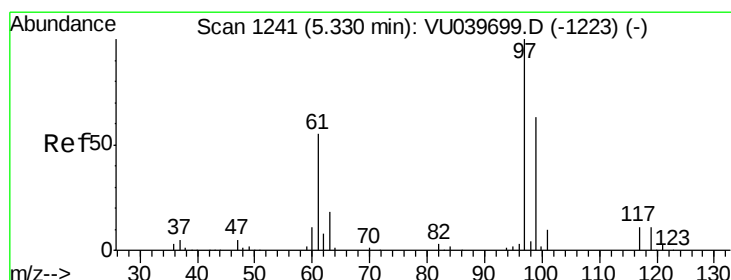
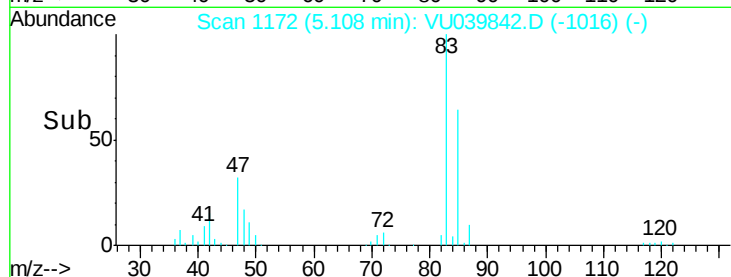
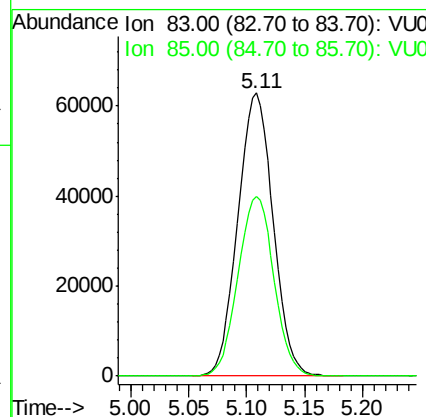
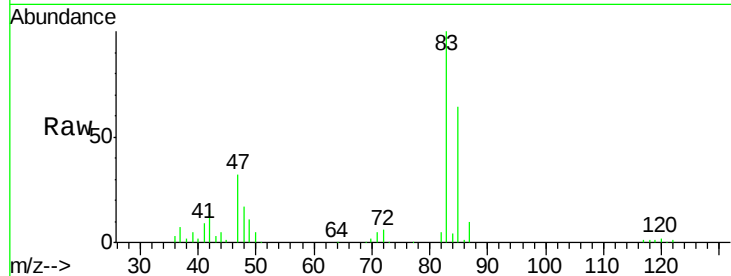
#27
Chloroform
Concen: 9.795 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010EC

Tot Ion	83	Resp	132751
Ion Ratio	100	Lower	Upper
85	63.7	0.0	128.8

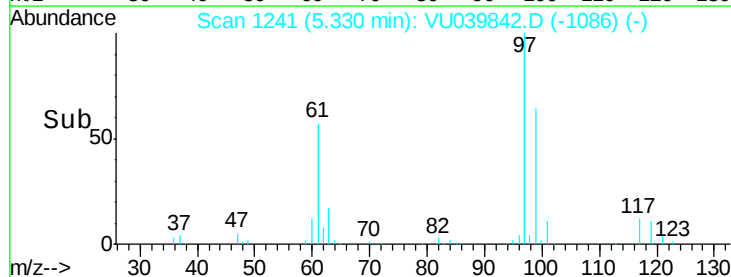
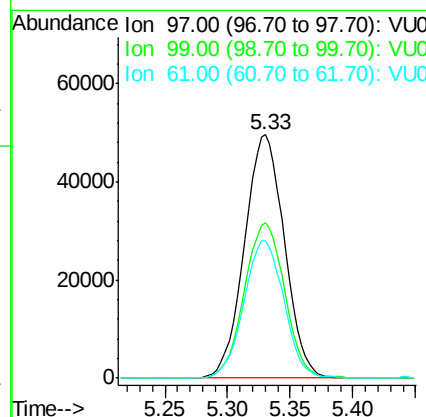
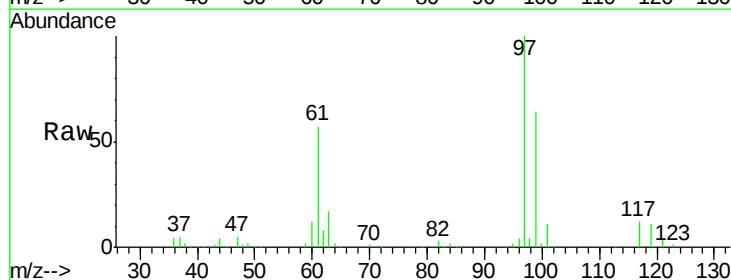
Manual Integrations
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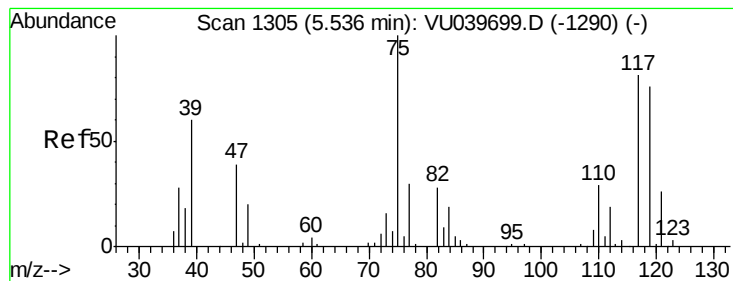
MMDadoda
8/13/2020 11:36:00 AM



#28
1,1,1-Trichloroethane
Concen: 9.992 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	97	Resp	109574
Ion Ratio	100	Lower	Upper
99	64.4	32.2	96.6
61	56.6	28.3	85.0





#29

1,1-Dichloropropene

Concen: 9.538 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 75 Resp: 100728
Ion Ratio Lower Upper

75 100

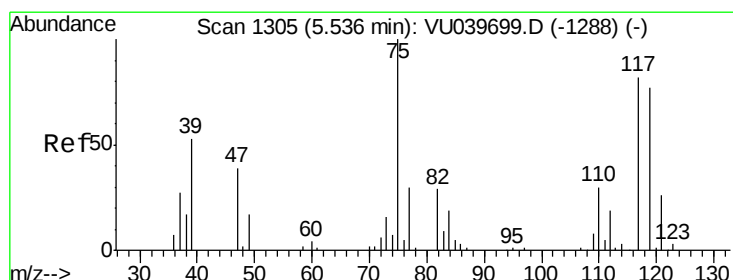
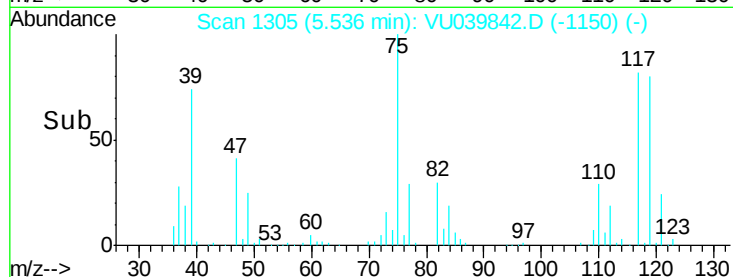
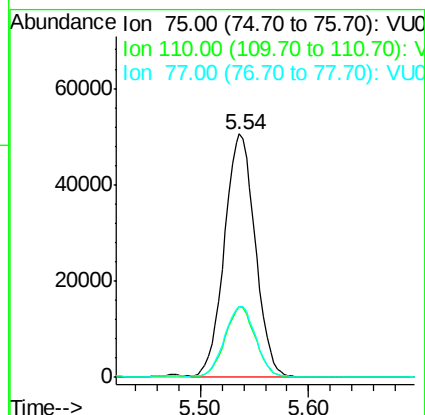
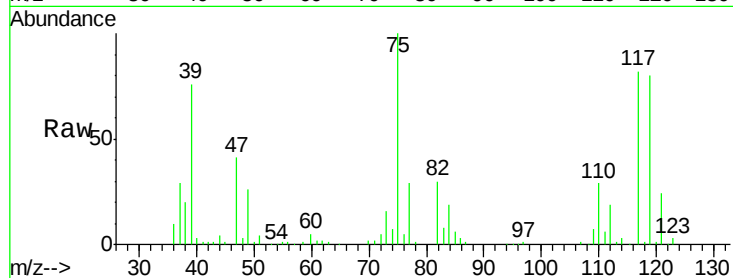
110 28.5 14.6 44.0

77 29.2 25.0 37.4

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8/13/2020 11:36:00 AM



#30

Carbon Tetrachloride

Concen: 10.122 ug/l

RT: 5.53 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU039842.D

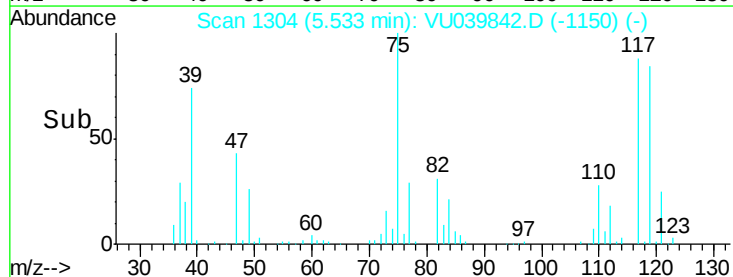
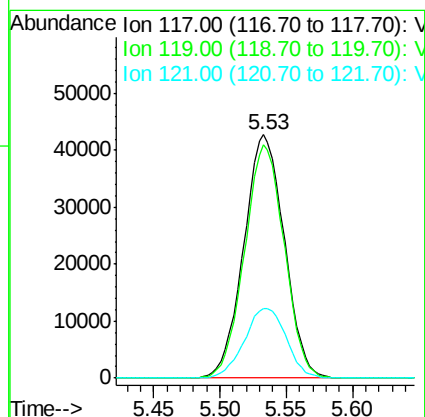
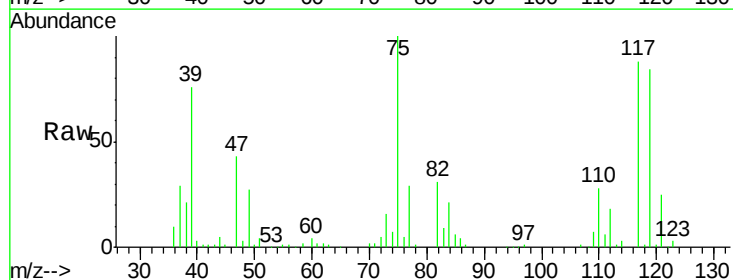
Acq: 12 Aug 2020 13:31

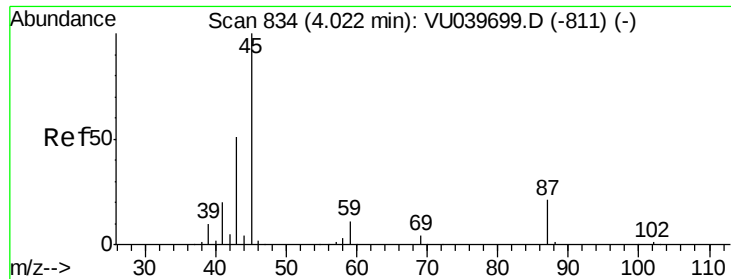
Tgt Ion: 117 Resp: 90767
Ion Ratio Lower Upper

117 100

119 95.7 75.2 112.8

121 28.7 25.4 38.2





#31

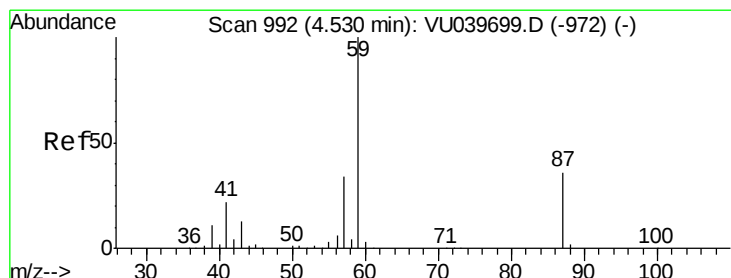
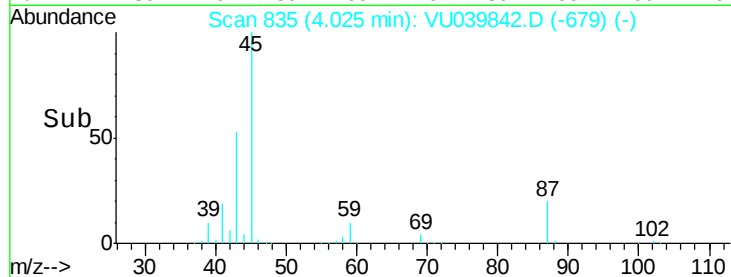
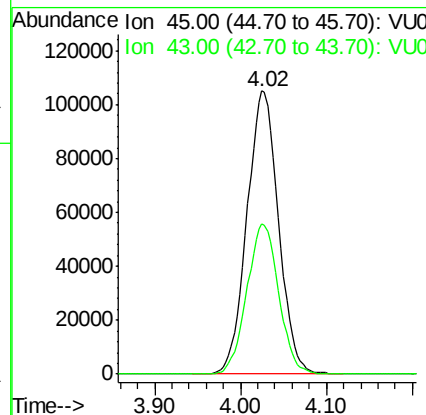
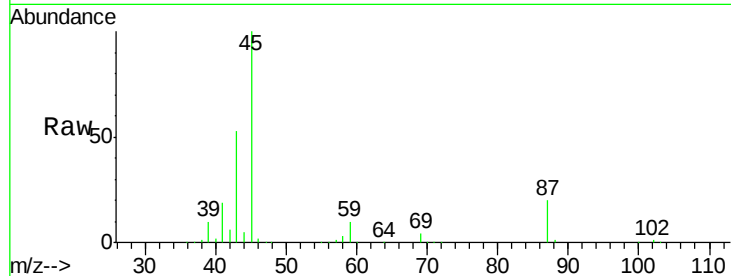
Isopropyl Ether
 Concen: 10.142 ug/l
 RT: 4.02 min Scan# 835
 Delta R.T. 0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
45	100		
43	53.1	26.5	79.4

Manual Integrations
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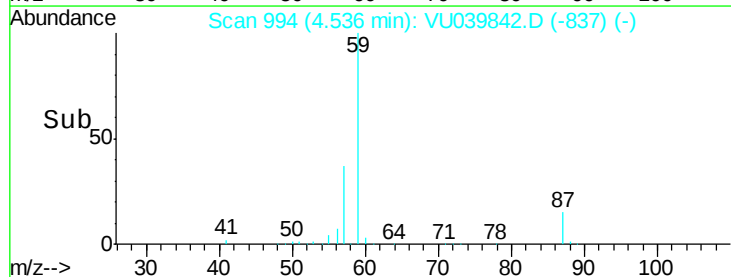
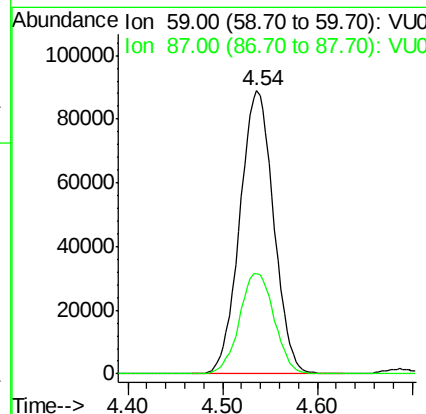
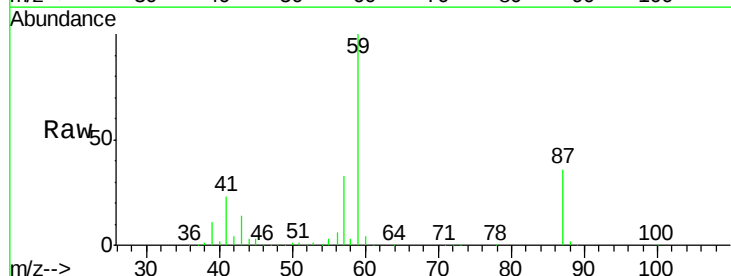
MMDadoda
 8/13/2020 11:36:00 AM

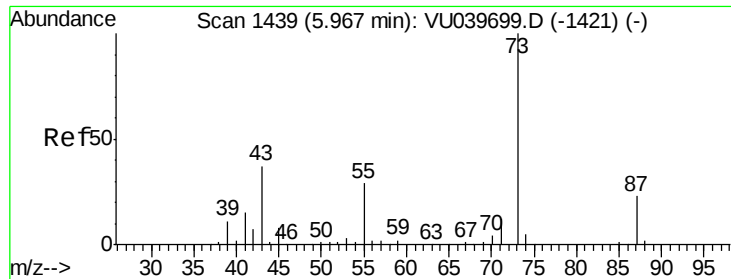


#32

Ethyl-t-butyl ether
 Concen: 9.813 ug/l
 RT: 4.54 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
59	100		
87	36.4	29.4	44.0





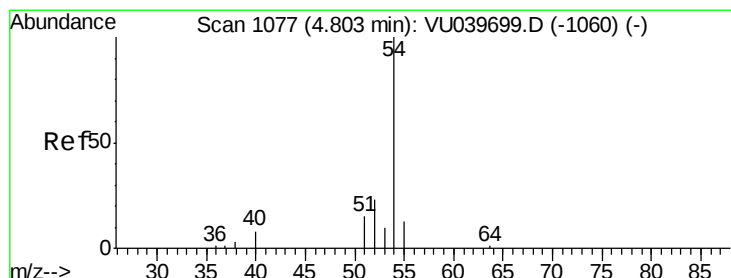
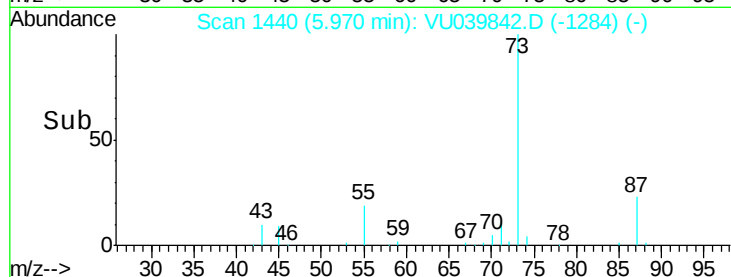
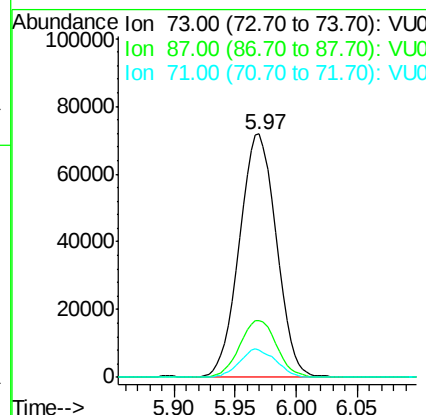
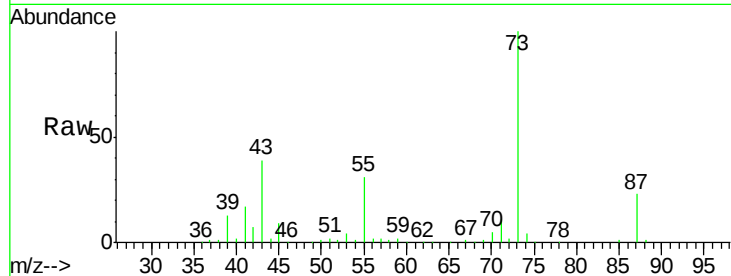
#33
Tert-Butyl methyl ether
Concen: 9.244 ug/l
RT: 5.97 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	73	Resp	149802
Ion	Ratio	Lower	Upper
73	100		
87	23.5	18.7	28.1
71	11.5	9.1	13.7

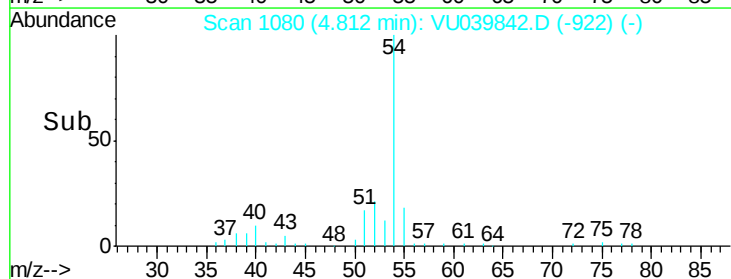
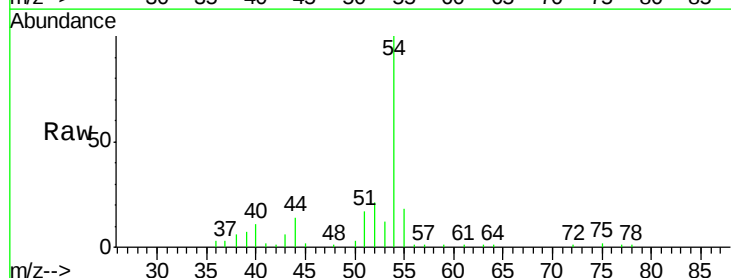
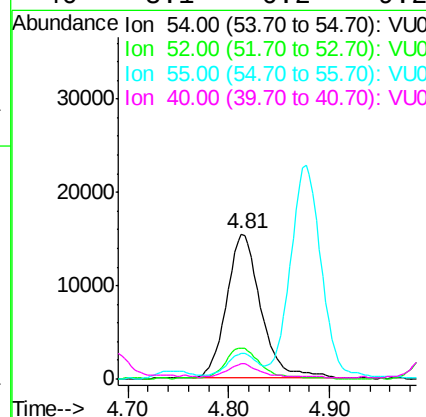
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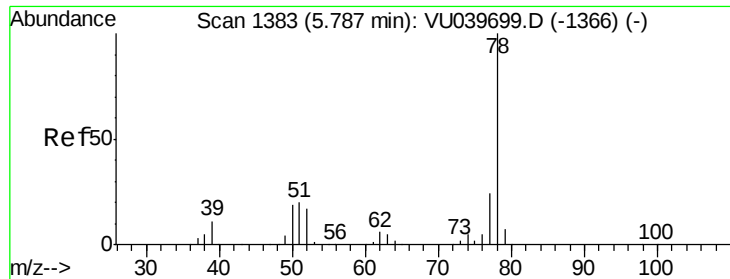
MMDadoda
8/13/2020 11:36:00 AM



#34
Propionitrile
Concen: 45.557 ug/l
RT: 4.81 min Scan# 1080
Delta R.T. 0.01 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	54	Resp	36205
Ion	Ratio	Lower	Upper
54	100		
52	20.8	16.9	25.3
55	15.8	12.9	19.3
40	8.1	6.2	9.2





#35

Benzene

Concen: 9.313 ug/l

RT: 5.78 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 78 Resp: 243284

Ion Ratio Lower Upper

78 100

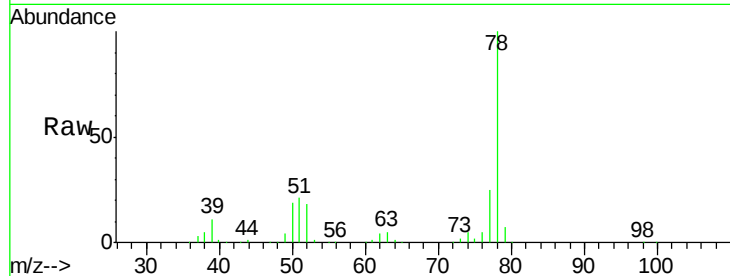
77 24.6 19.2 28.8

Manual Integrations

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MMDadoda

8/13/2020 11:36:00 AM



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

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

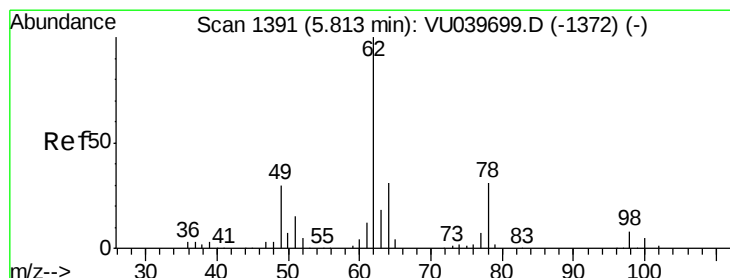
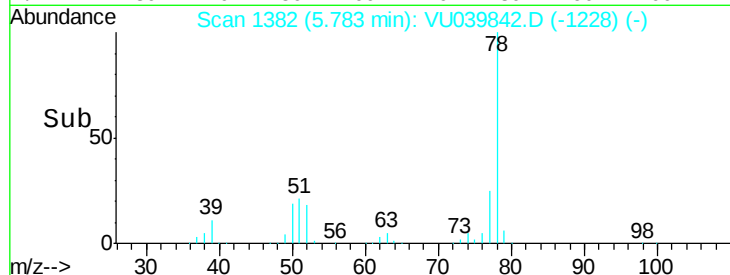
5.78

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.080 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039842.D

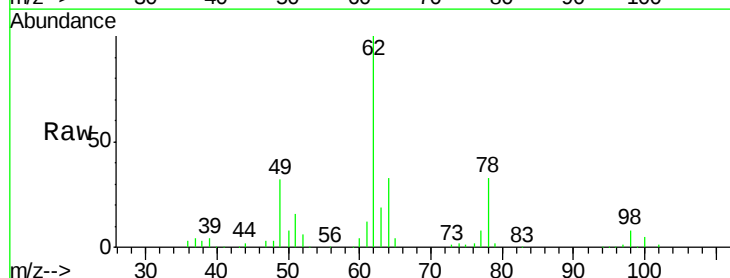
Acq: 12 Aug 2020 13:31

Tgt Ion: 62 Resp: 88913

Ion Ratio Lower Upper

62 100

98 7.8 6.2 9.2



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

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

5.81

50000

40000

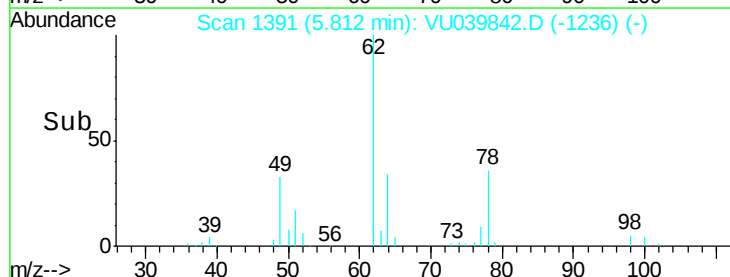
30000

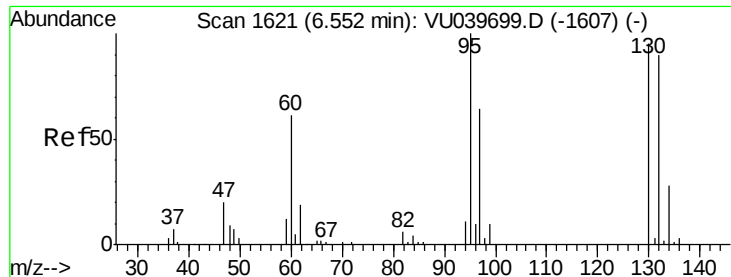
20000

10000

0

Time-->





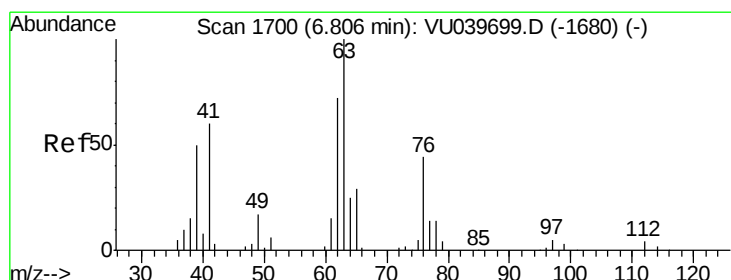
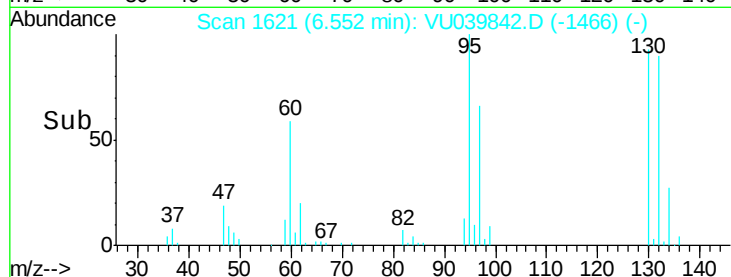
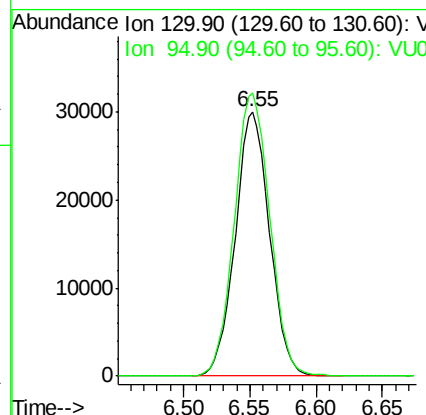
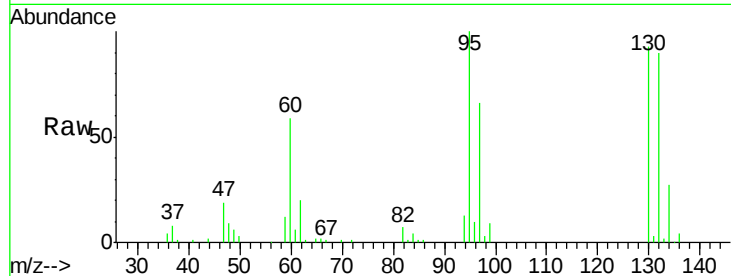
#37
 Trichloroethene
 Concen: 9.030 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:130 Resp: 53966
 Ion Ratio Lower Upper
 130 100
 95 107.0 84.3 126.5

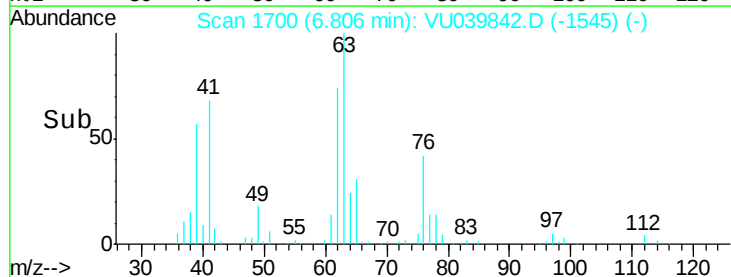
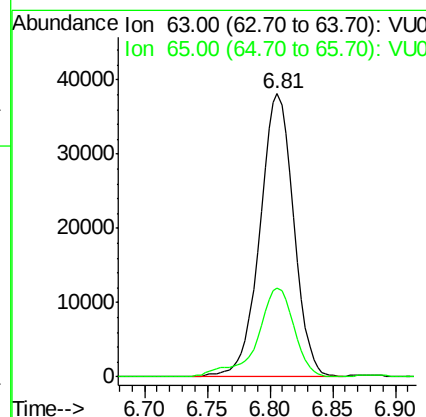
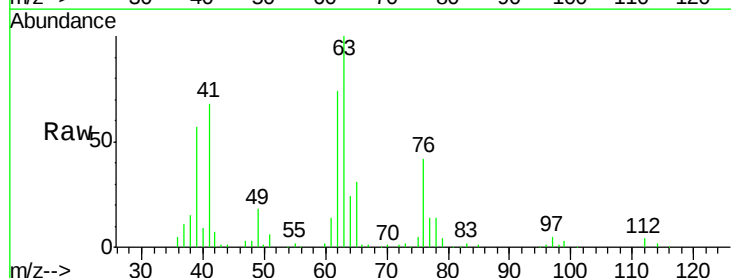
Manual Integrations
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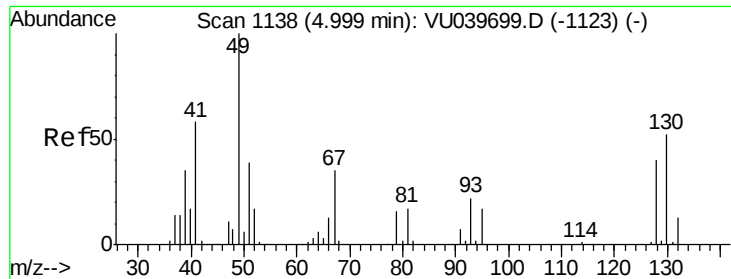
MMDadoda
 8/13/2020 11:36:00 AM



#38
 1,2-Dichloropropane
 Concen: 9.950 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion: 63 Resp: 71637
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.8 35.6





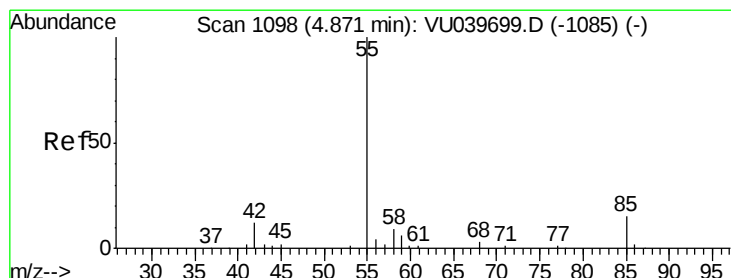
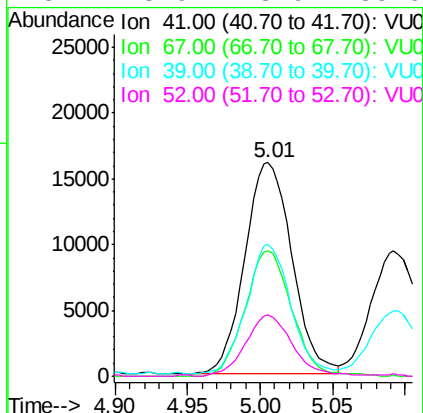
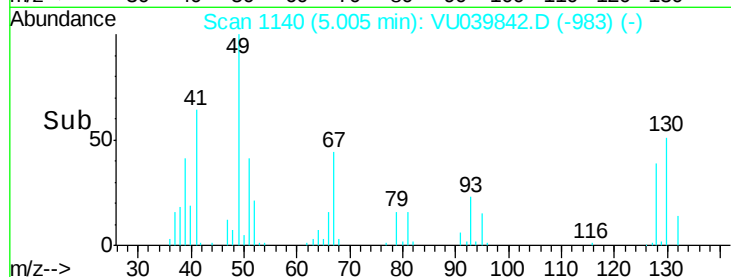
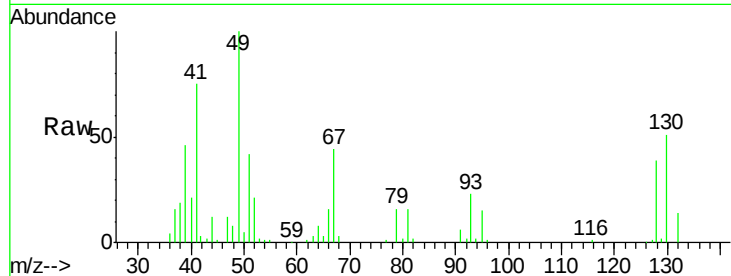
#39
Methacrylonitrile
Concen: 8.660 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		36270		
67	59.2	48.3	72.5		
39	57.7	47.6	71.4		
52	28.9	23.9	35.9		

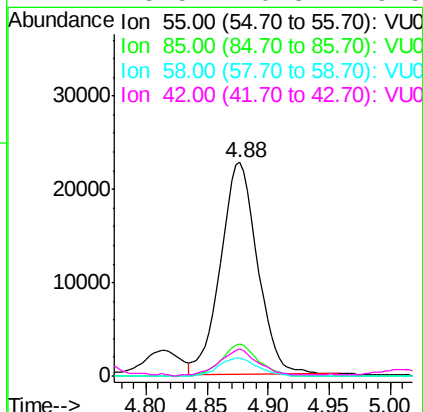
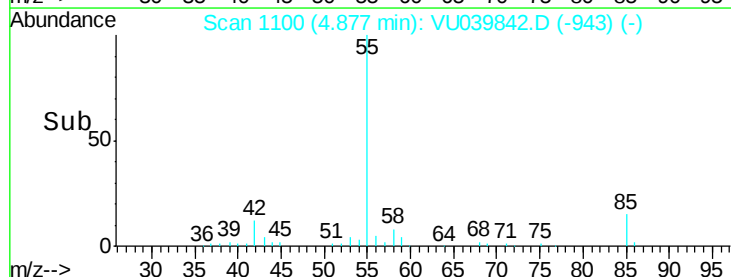
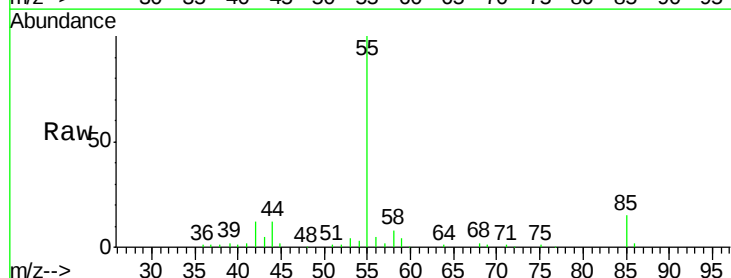
Manual Integrations
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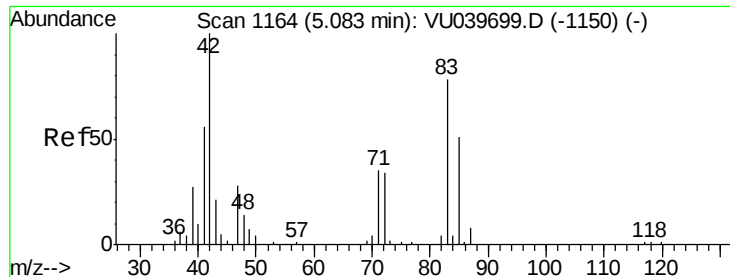
MMDadoda
8/13/2020 11:36:00 AM



#40
Methyl acrylate
Concen: 8.915 ug/l
RT: 4.88 min Scan# 1100
Delta R.T. 0.01 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
55	100		48145		
85	14.5	11.4	17.0		
58	8.9	7.4	11.0		
42	13.5	10.3	15.5		





#41

Tetrahydrofuran

Concen: 17.024 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 42 Resp: 35872

Ion Ratio Lower Upper

42 100

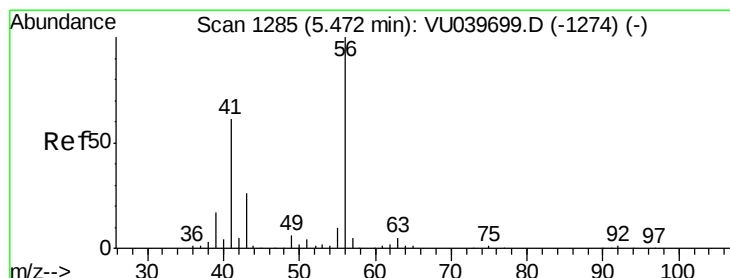
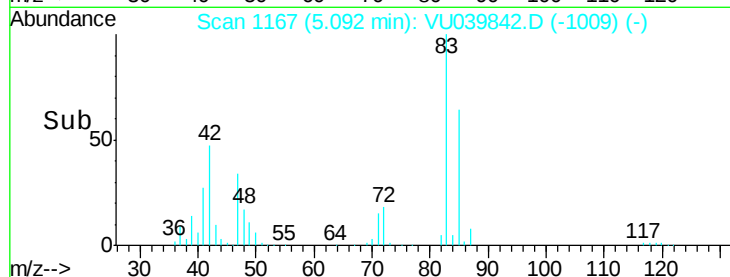
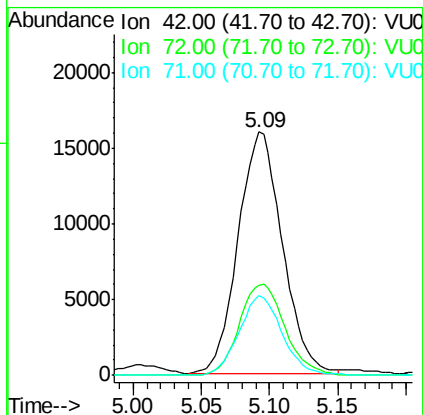
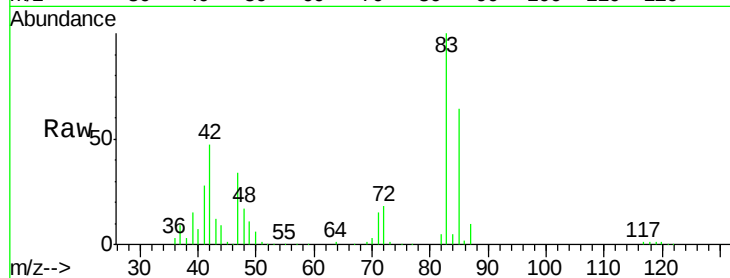
72 38.8 31.0 46.6

71 32.1 28.2 42.4

Manual Integrations
APPROVED

MMDadoda

8/13/2020 11:36:00 AM



#42

1-Chlorobutane

Concen: 9.625 ug/l

RT: 5.47 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VU039842.D

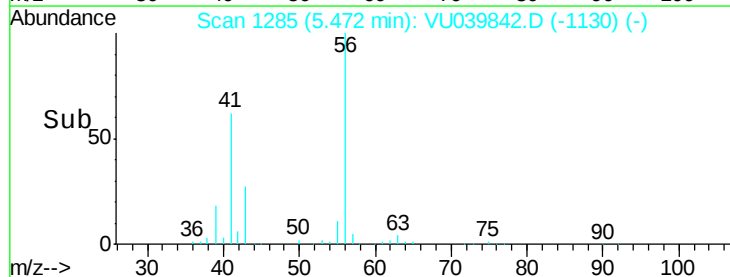
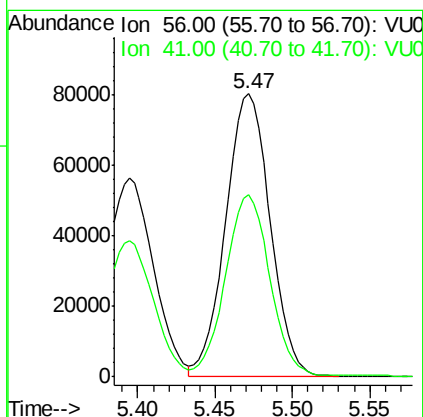
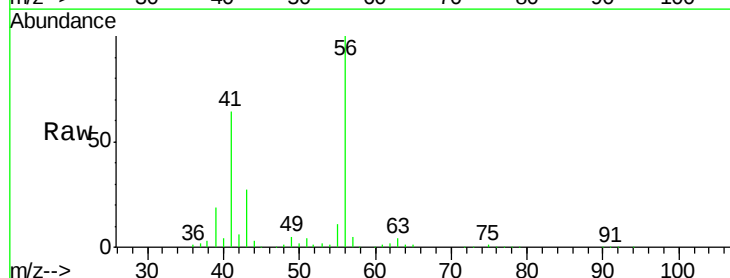
Acq: 12 Aug 2020 13:31

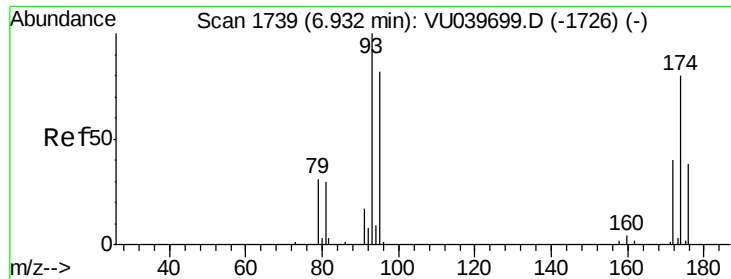
Tgt Ion: 56 Resp: 159521

Ion Ratio Lower Upper

56 100

41 63.3 30.5 91.5





#43

Dibromomethane

Concen: 8.853 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

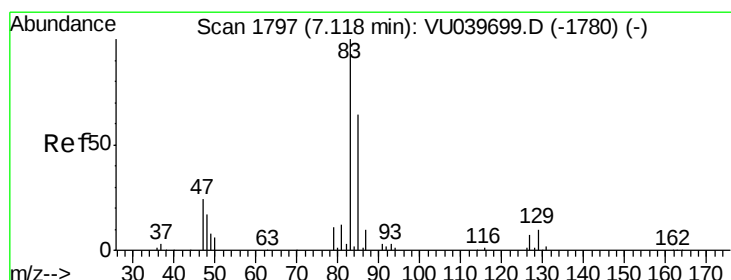
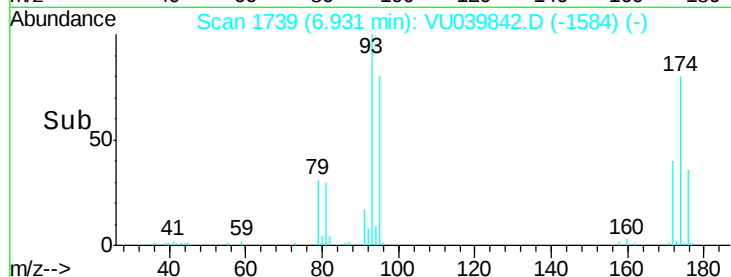
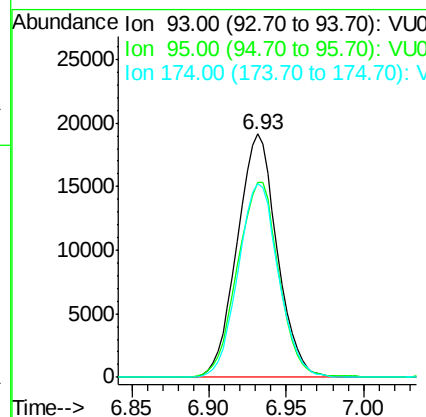
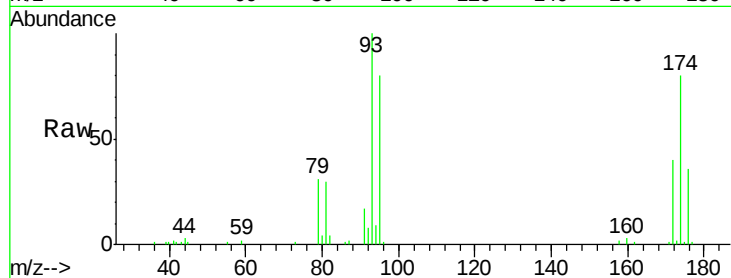
ClientSampleId :

VSTDCCC010EC

Tot Ion:	93	Resp:	34300
Ion Ratio	Lower	Upper	
93	100		
95	83.6	66.6	99.8
174	80.3	62.7	94.1

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#44

Bromodichloromethane

Concen: 10.128 ug/l

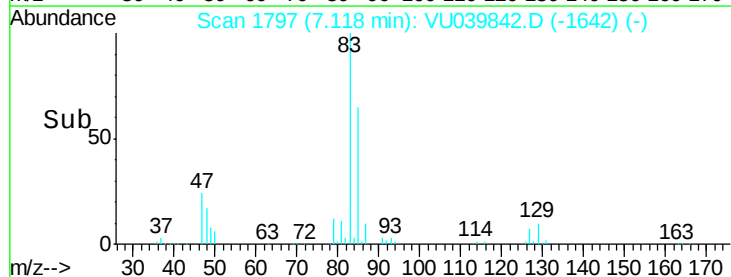
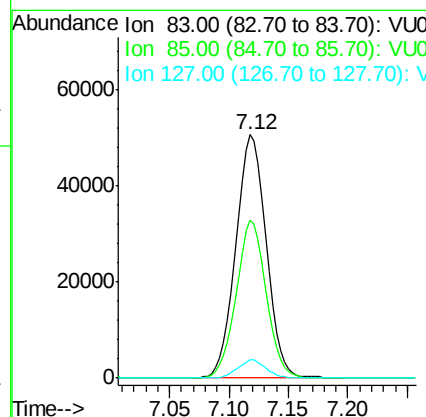
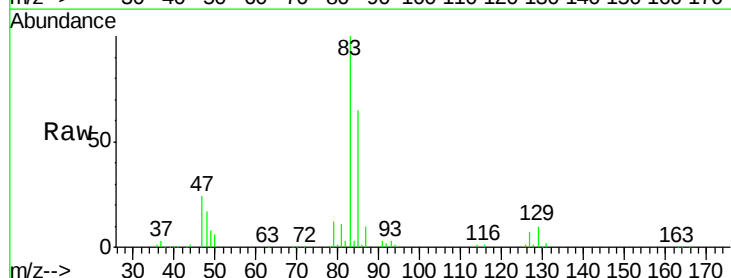
RT: 7.12 min Scan# 1797

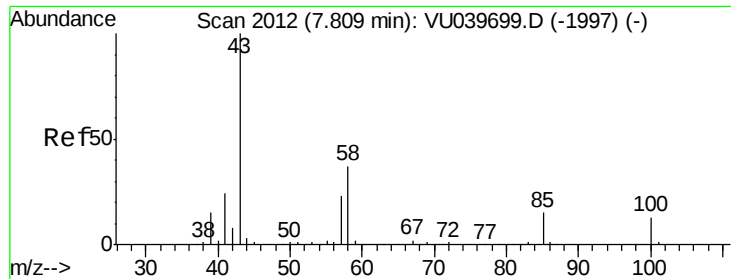
Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Tgt Ion:	83	Resp:	89962
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.8	76.2
127	7.5	5.8	8.6





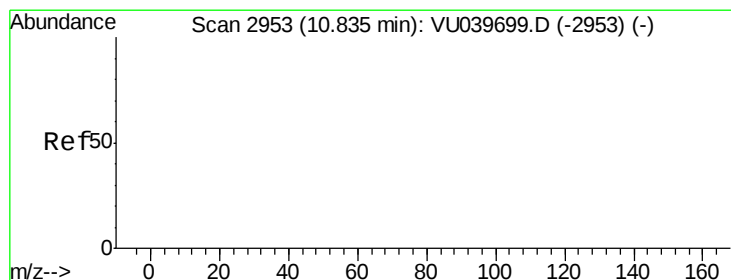
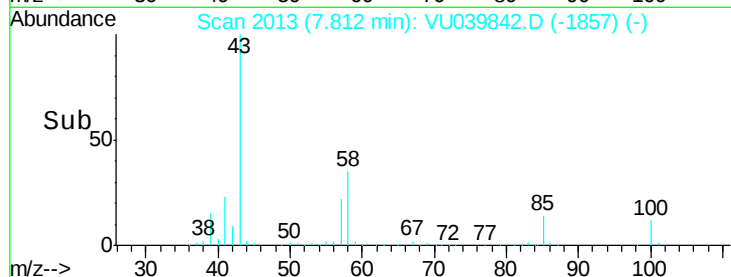
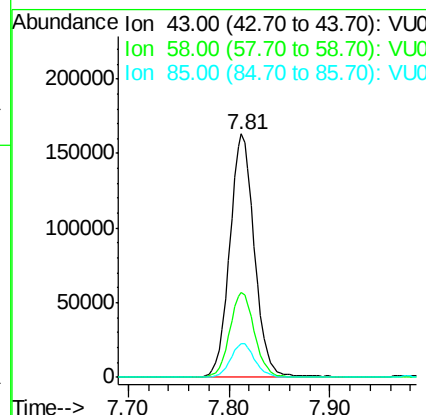
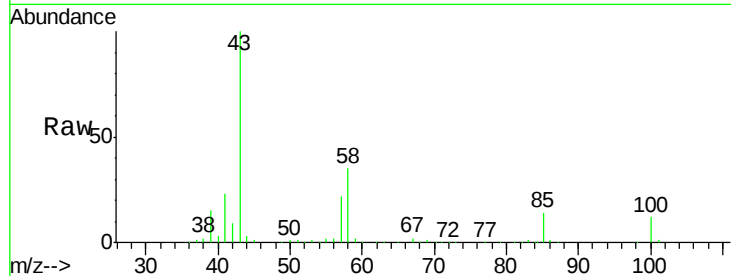
#45
4-Methyl-2-Pentanone
Concen: 47.584 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.2	18.4	55.0
85	13.8	11.8	17.6

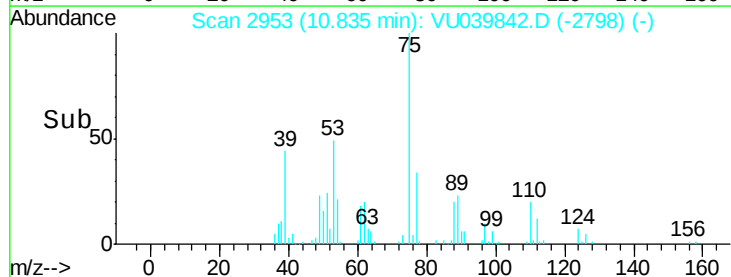
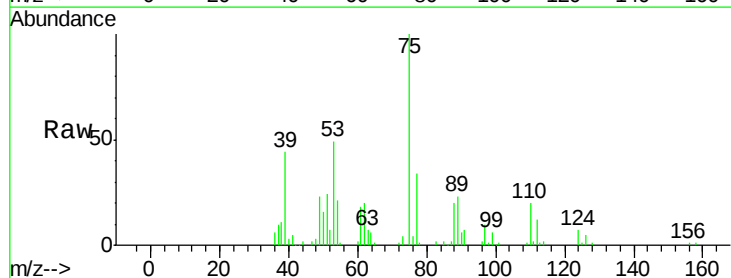
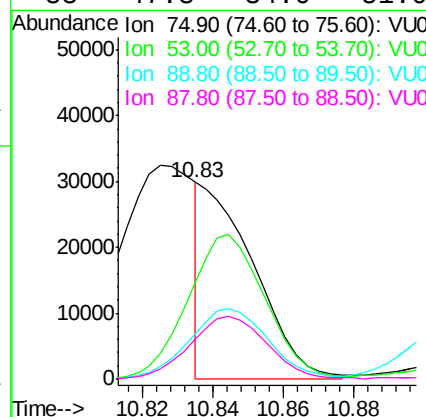
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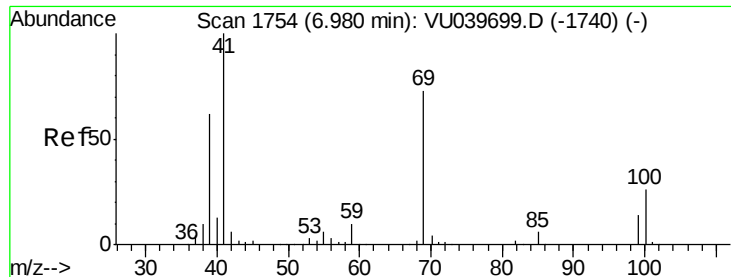
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8/13/2020 11:36:00 AM



#46
t-1,4-Dichloro-2-butene
Concen: 17.672 ug/l m
RT: 10.83 min Scan# 2953
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
75	100		
53	108.6	78.6	118.0
89	54.2	40.3	60.5
88	47.3	34.0	51.0





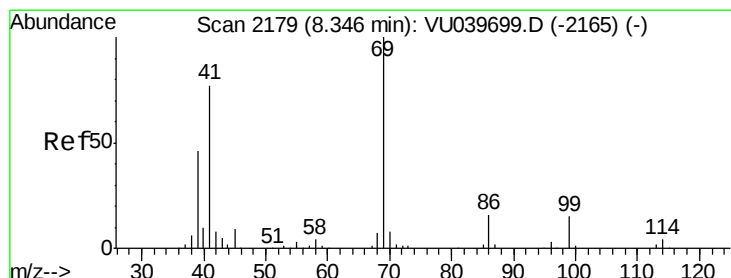
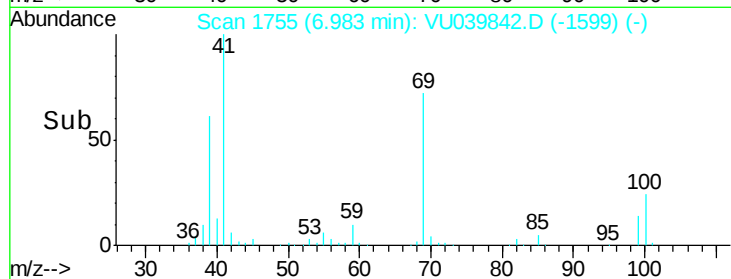
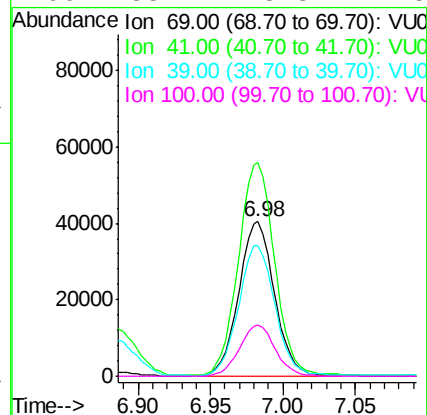
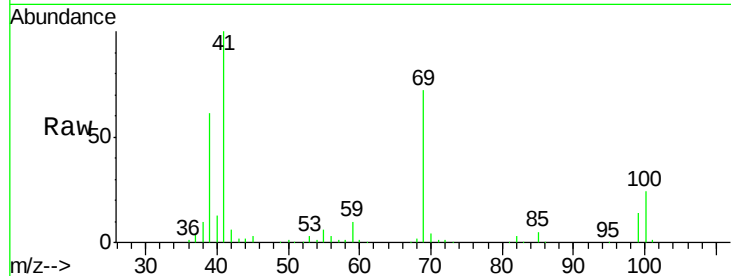
#47
Methvl methacrylate
Concen: 19.163 ug/l
RT: 6.98 min Scan# 1755
Delta R.T. 0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	139.4	0.0	271.6	
39	86.1	67.4	101.2	
100	33.1	28.3	42.5	

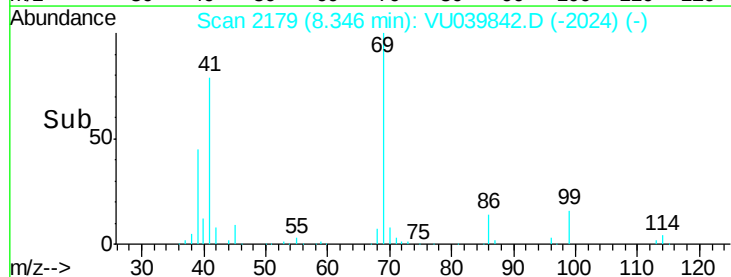
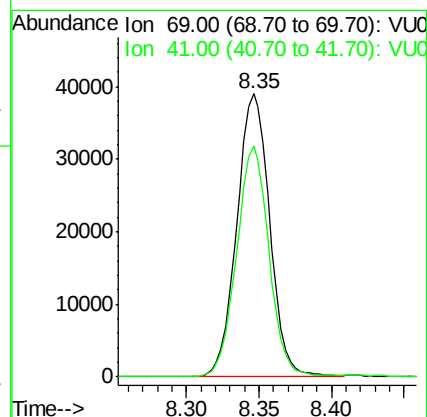
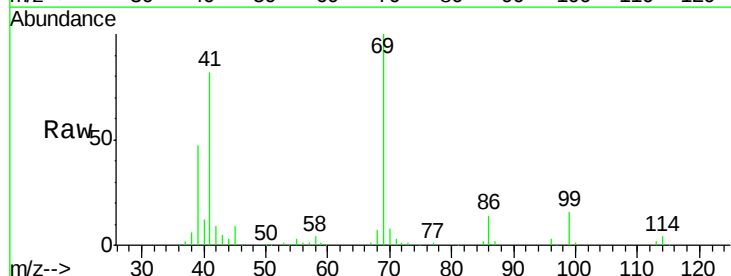
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#48
Ethyl methacrylate
Concen: 9.239 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	80.4	39.1	117.5	





#49

Toluene

Concen: 9.502 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 92 Resp: 147736

Ion Ratio Lower Upper

92 100

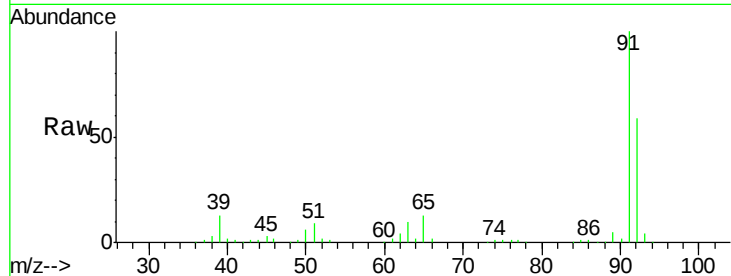
91 168.5 136.1 204.1

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Abundance Ion 92.00 (91.70 to 92.70): VU039699.D (-2049) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2049) (-)

150000

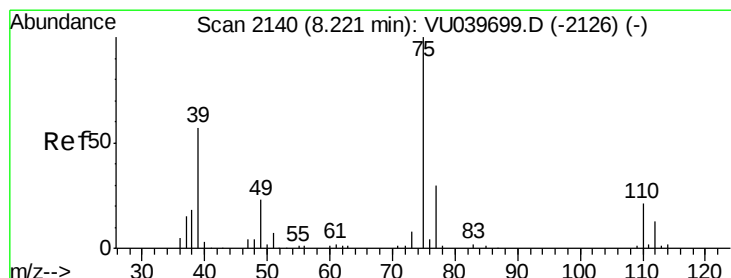
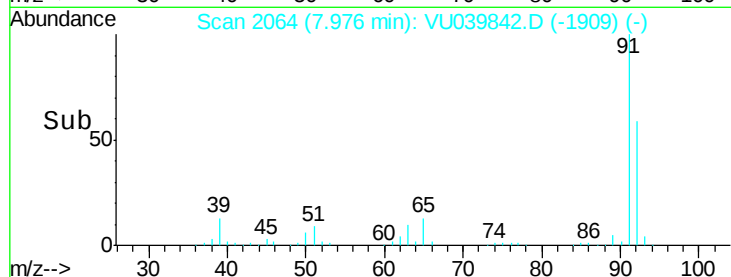
100000

50000

0

7.90 7.95 8.00 8.05

Time-->



#50

t-1,3-Dichloropropene

Concen: 9.939 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039842.D

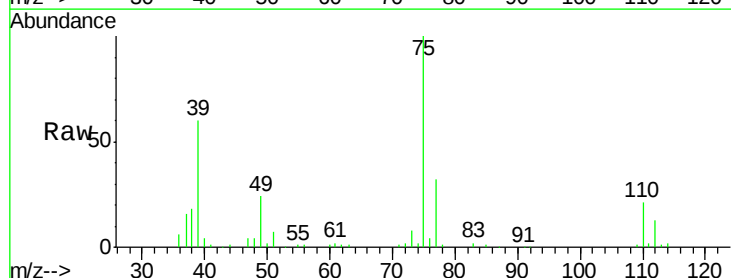
Acq: 12 Aug 2020 13:31

Tgt Ion: 75 Resp: 79514

Ion Ratio Lower Upper

75 100

77 32.0 24.3 36.5



Abundance Ion 75.00 (74.70 to 75.70): VU039699.D (-2126) (-)

Ion 77.00 (76.70 to 77.70): VU039699.D (-2126) (-)

50000

40000

30000

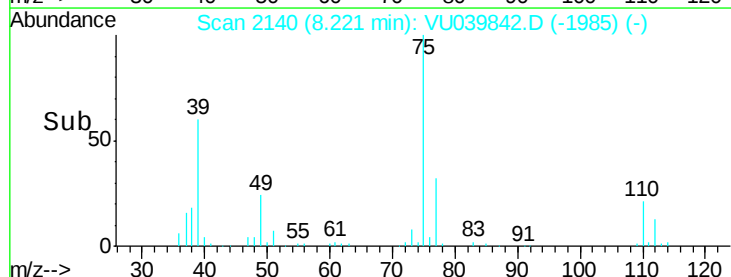
20000

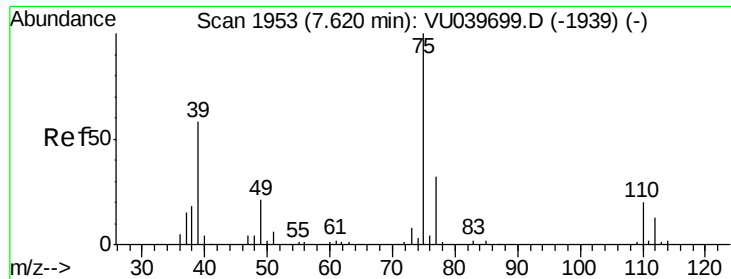
10000

0

8.15 8.20 8.25 8.30 8.35

Time-->





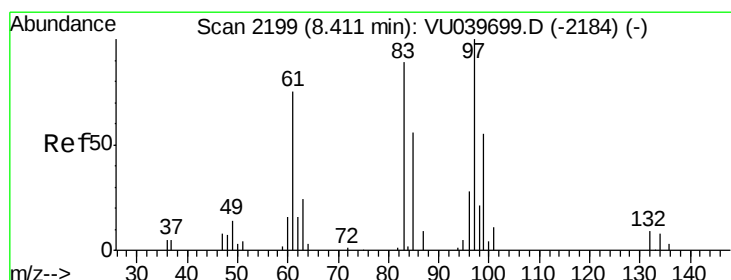
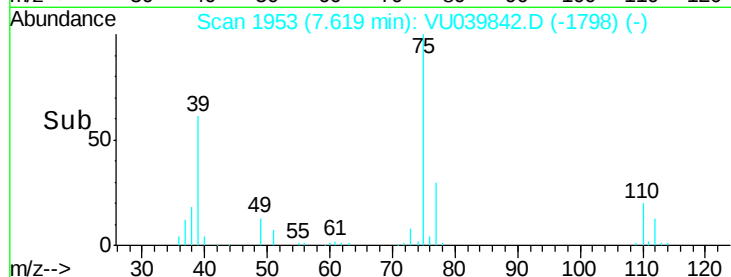
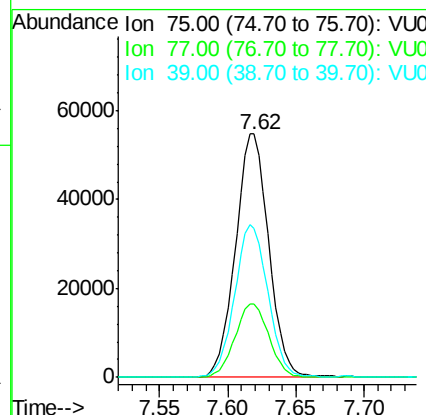
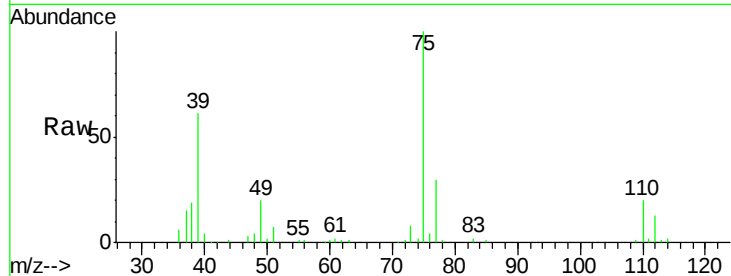
#51
 cis-1,3-Dichloropropene
 Concen: 9.852 ug/l
 RT: 7.62 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:	75	Resp:	92639
Ion Ratio	Lower	Upper	
75	100		
77	30.0	25.7	38.5
39	61.2	46.1	69.1

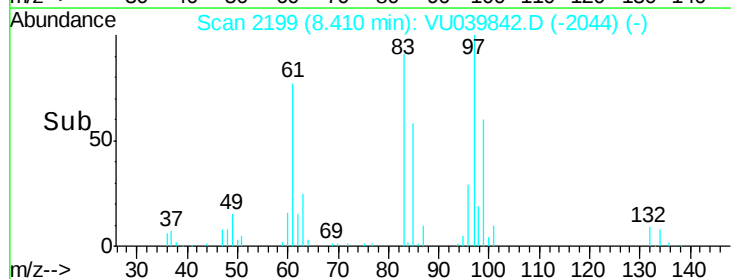
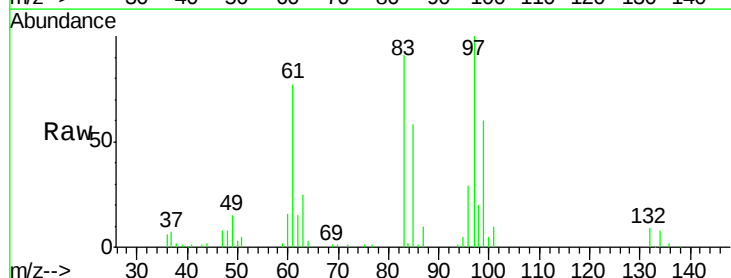
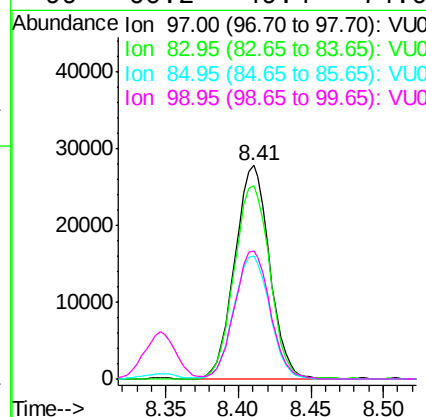
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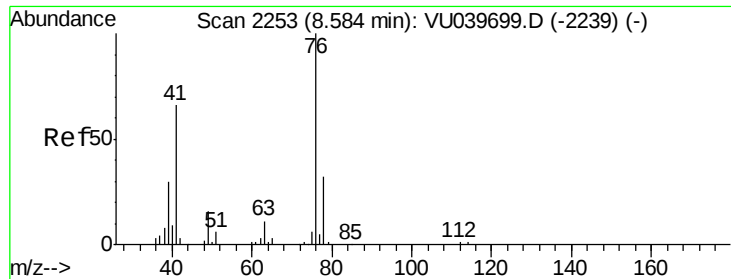
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#52
 1,1,2-Trichloroethane
 Concen: 9.240 ug/l
 RT: 8.41 min Scan# 2199
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion:	97	Resp:	46511
Ion Ratio	Lower	Upper	
97	100		
83	90.6	71.3	106.9
85	57.8	45.4	68.2
99	60.2	49.4	74.0





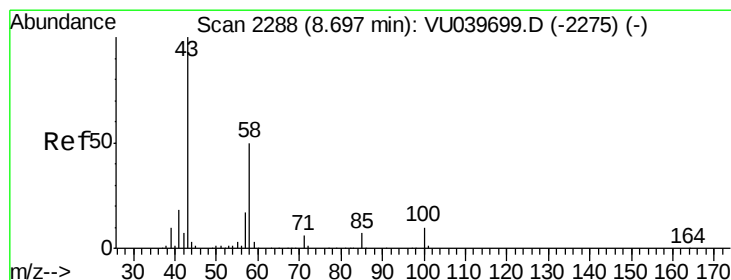
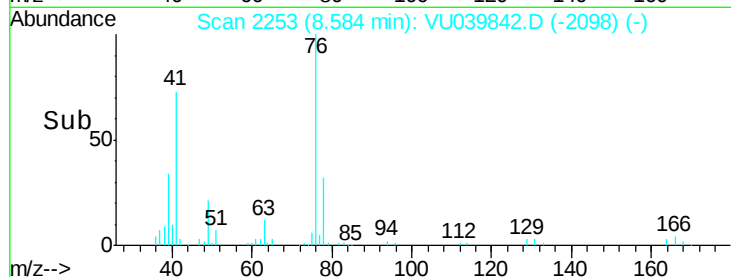
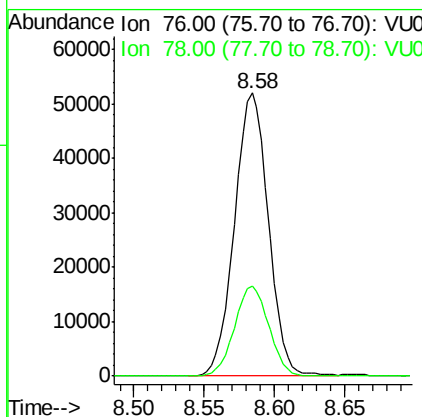
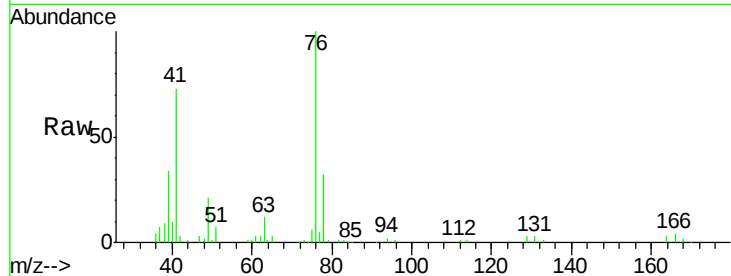
#53
 1,3-Dichloropropane
 Concen: 9.081 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.4	38.2

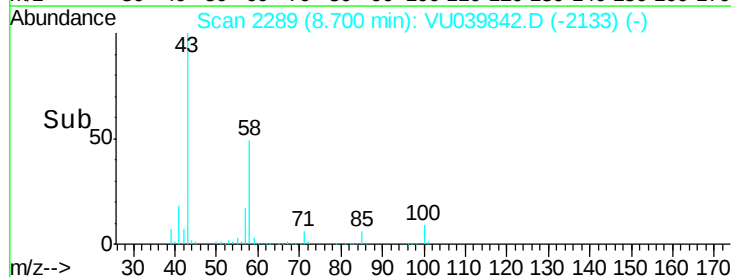
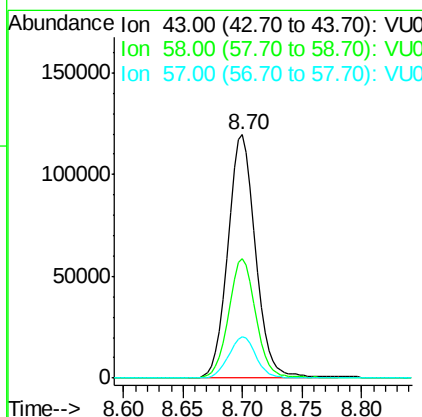
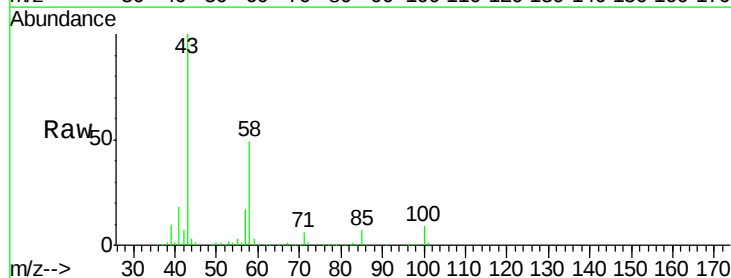
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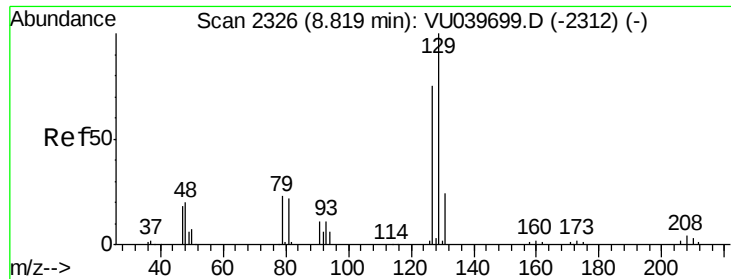
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#54
 2-Hexanone
 Concen: 46.024 ug/l
 RT: 8.70 min Scan# 2289
 Delta R.T. 0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
43	100		
58	48.3	29.9	69.9
57	16.8	0.0	37.2





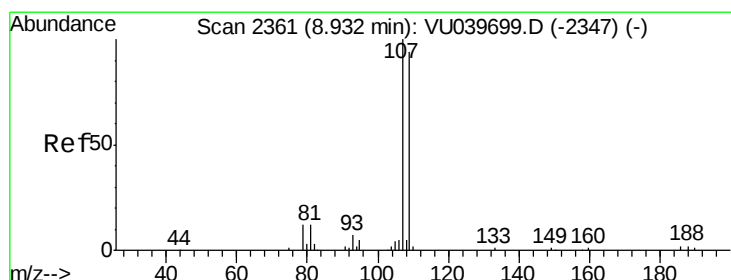
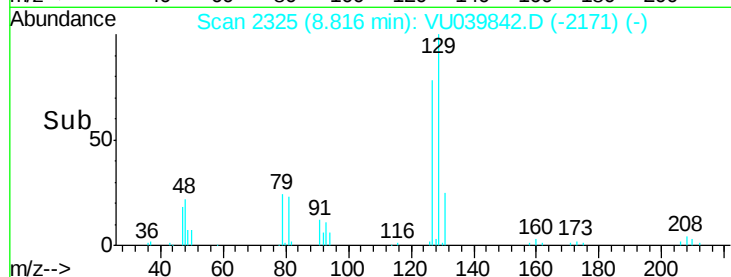
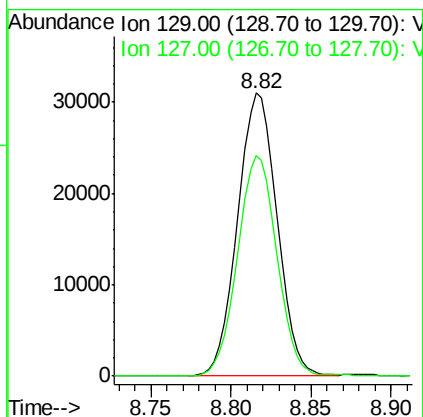
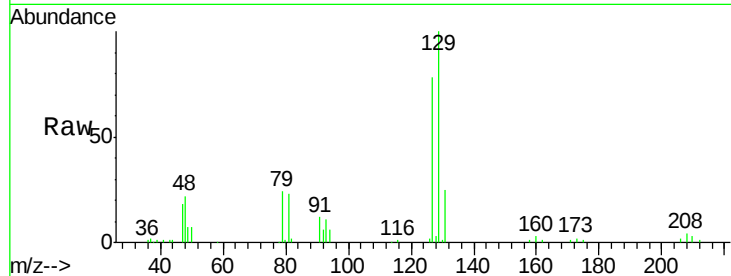
#55
Dibromochloromethane
Concen: 9.675 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.2	62.4	93.6

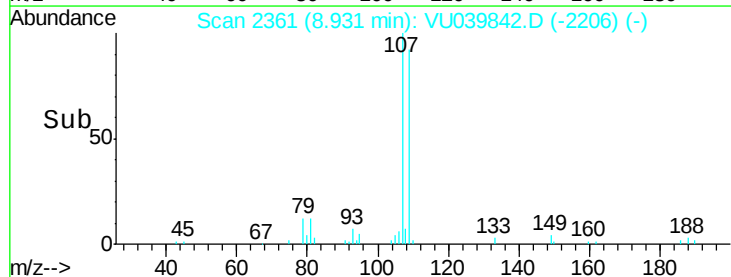
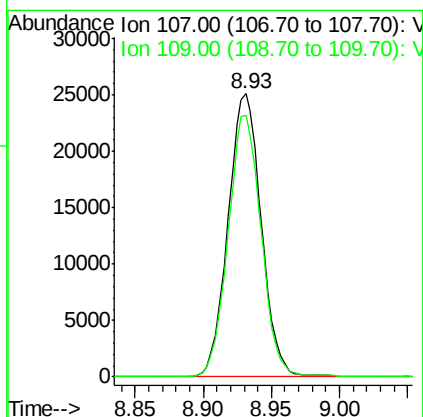
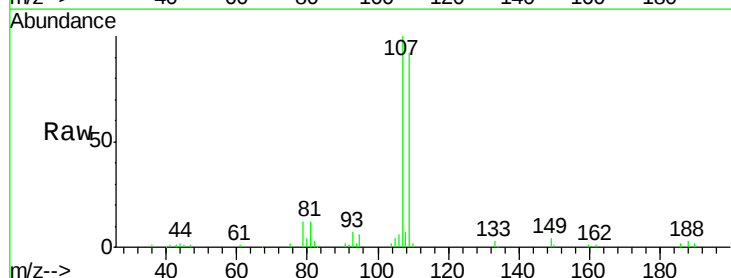
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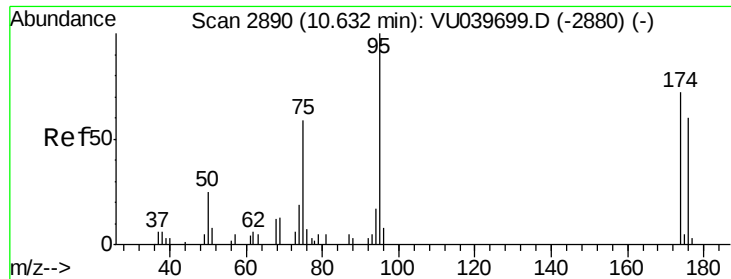
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#56
1,2-Dibromoethane
Concen: 8.740 ug/l
RT: 8.93 min Scan# 2361
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.1	0.0	185.2





#57

4-Bromofluorobenzene

Concen: 0.997 ug/l

RT: 10.63 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 95 Resp: 8136

Ion Ratio Lower Upper

95 100

174 68.6 57.0 85.4

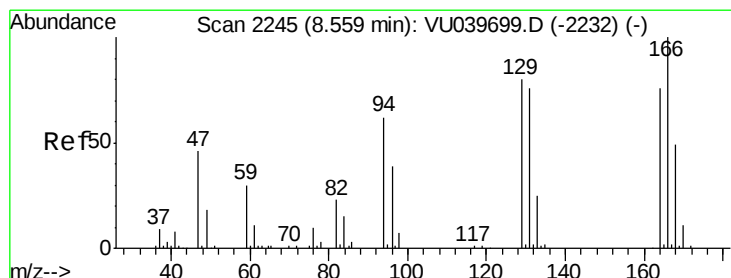
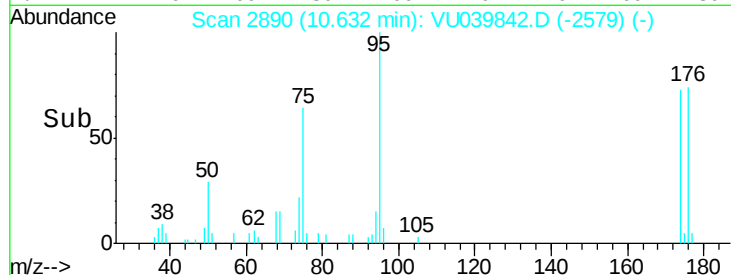
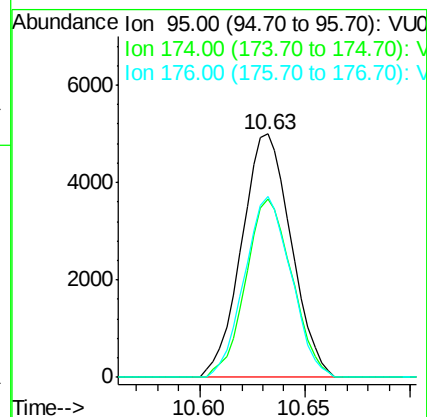
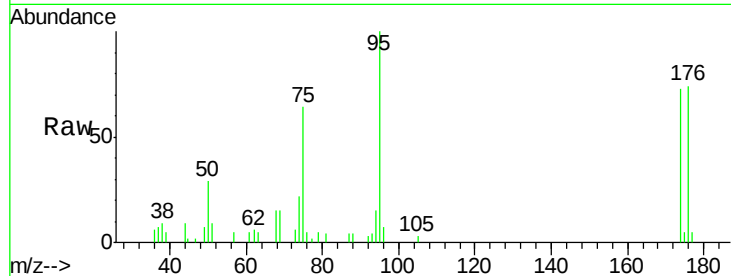
176 69.9 50.2 75.2

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#58

Tetrachloroethene

Concen: 9.538 ug/l

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Tgt Ion: 164 Resp: 49902

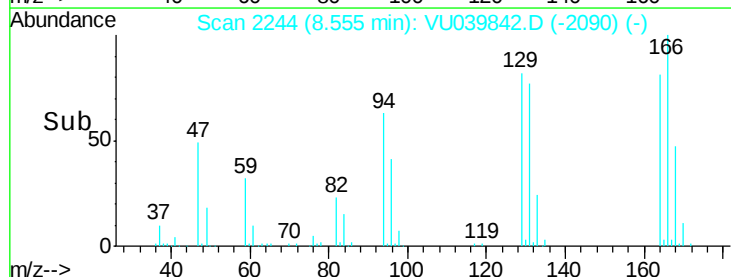
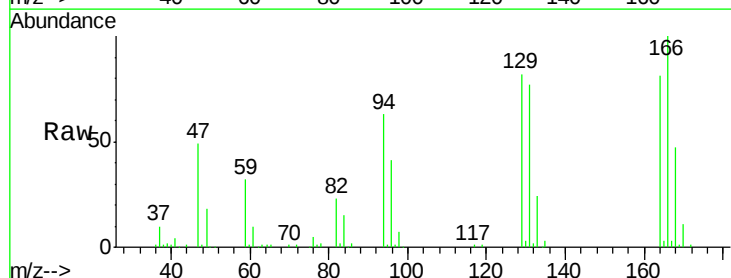
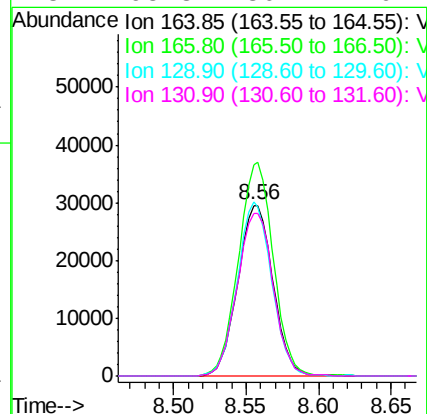
Ion Ratio Lower Upper

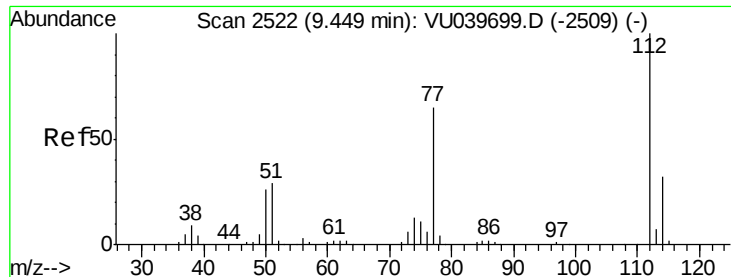
164 100

166 123.9 104.8 157.2

129 102.1 84.1 126.1

131 95.3 80.1 120.1





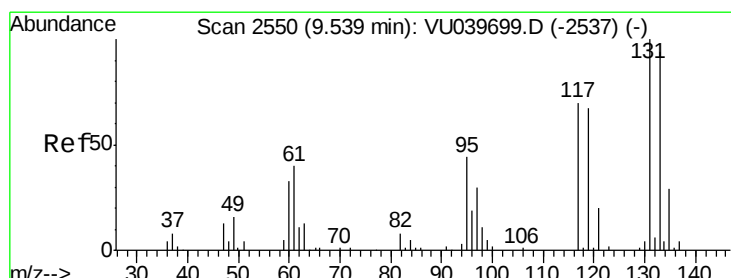
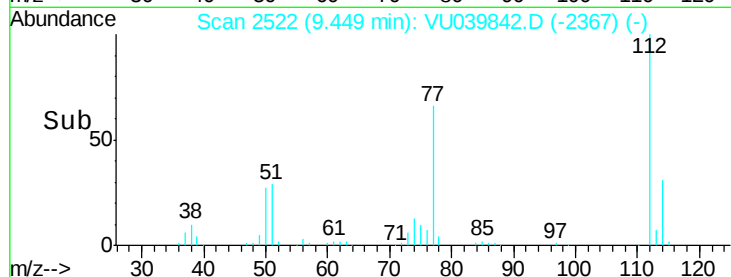
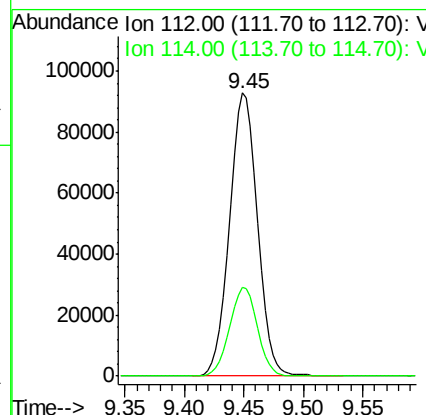
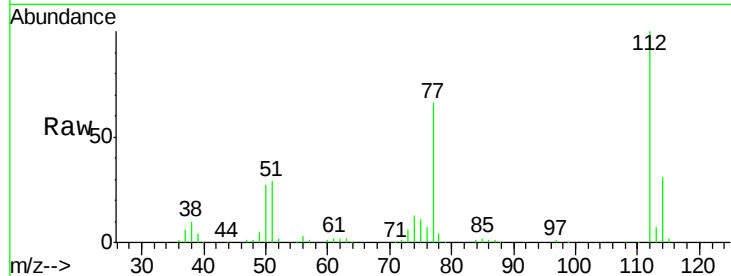
#59
Chlorobenzene
Concen: 9.399 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	25.8	38.6

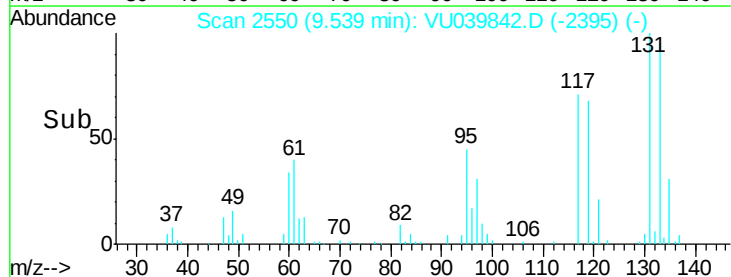
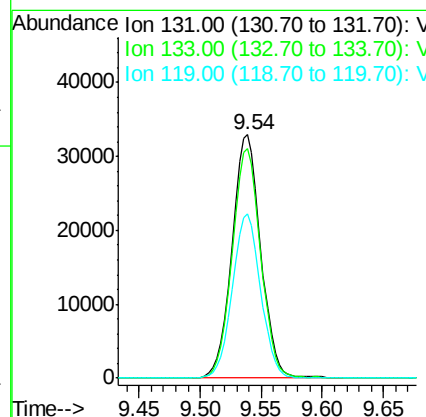
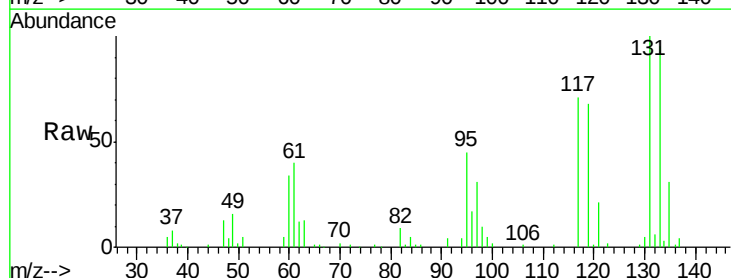
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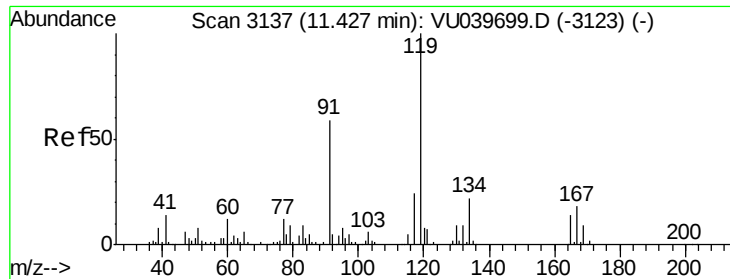
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#60
1,1,1,2-Tetrachloroethane
Concen: 9.974 ug/l
RT: 9.54 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.5	75.8	113.8
119	66.4	54.6	81.8





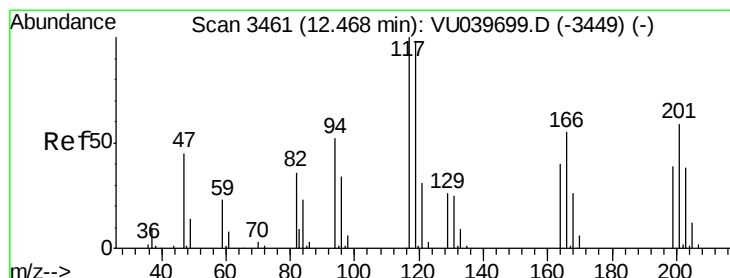
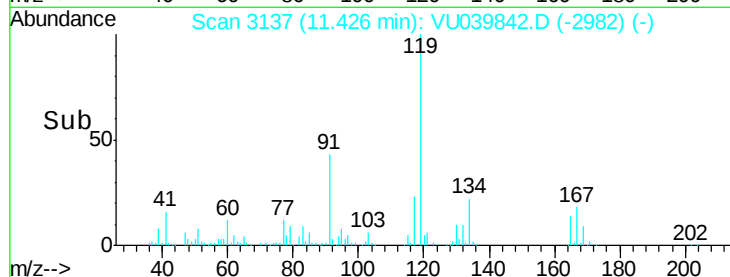
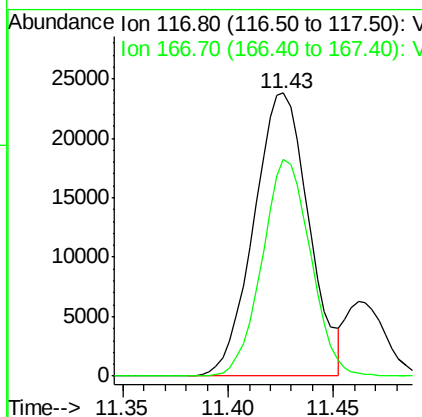
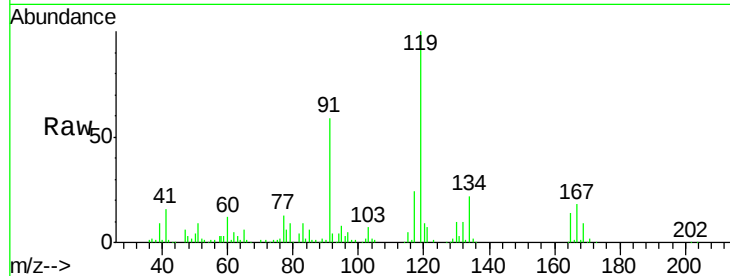
#61
 Pentachloroethane
 Concen: 9.058 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:117 Resp: 43143
 Ion Ratio Lower Upper
 117 100
 167 67.7 56.6 85.0

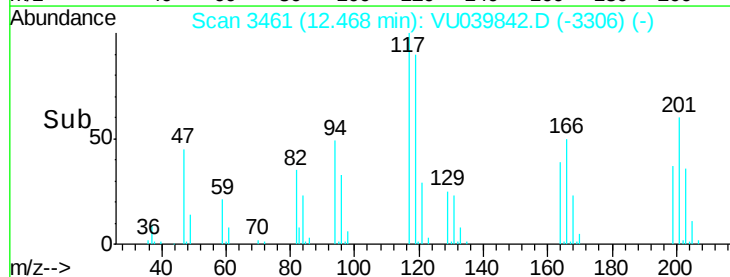
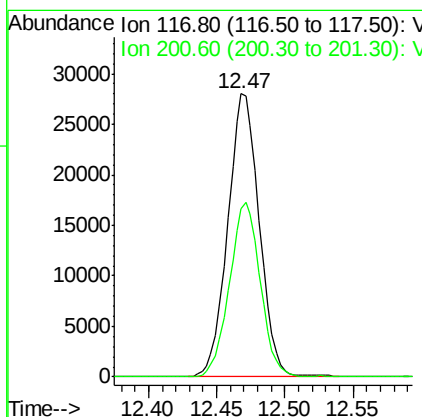
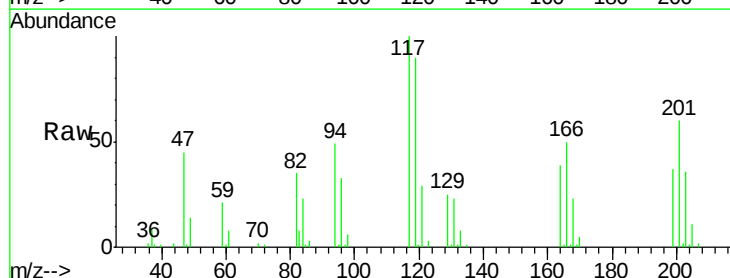
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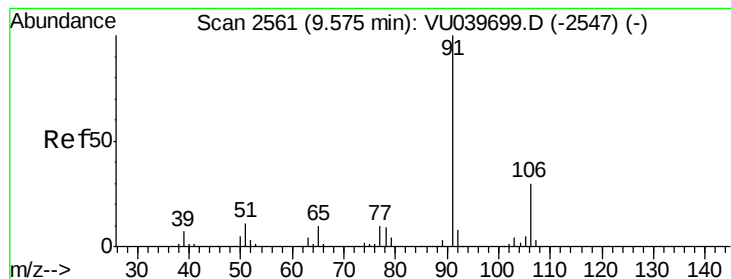
MMDadoda
 8/13/2020 11:36:00 AM



#62
 Hexachloroethane
 Concen: 10.280 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion:117 Resp: 44880
 Ion Ratio Lower Upper
 117 100
 201 60.1 48.1 72.1





#63

Ethyl Benzene

Concen: 9.646 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 91 Resp: 277945

Ion Ratio Lower Upper

91 100

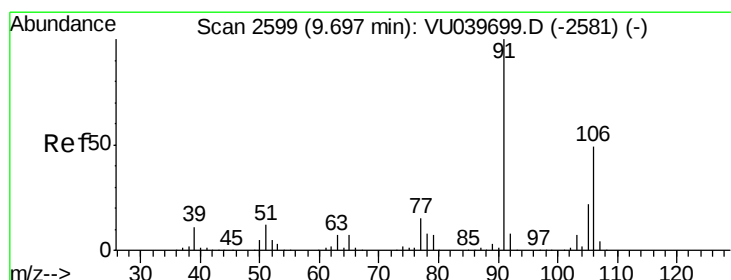
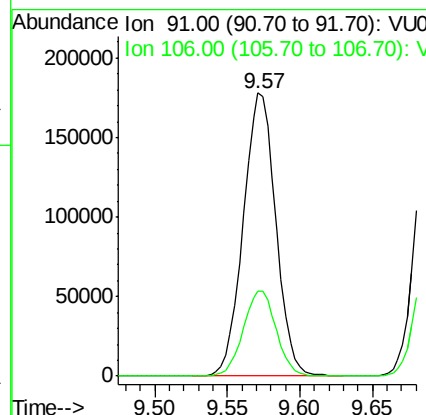
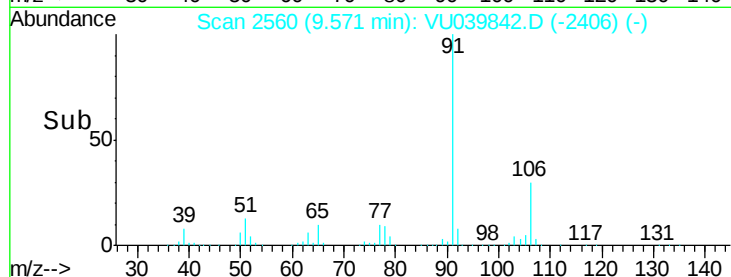
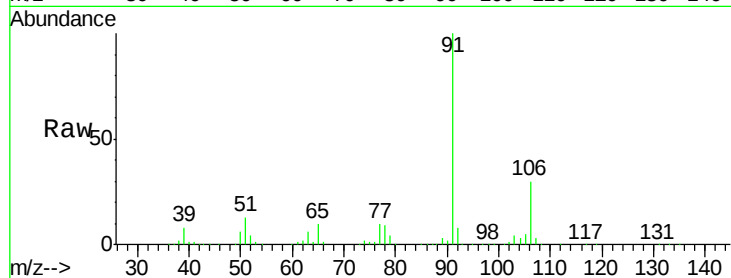
106 30.1 24.2 36.4

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#64

m/p-Xylenes

Concen: 19.268 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039842.D

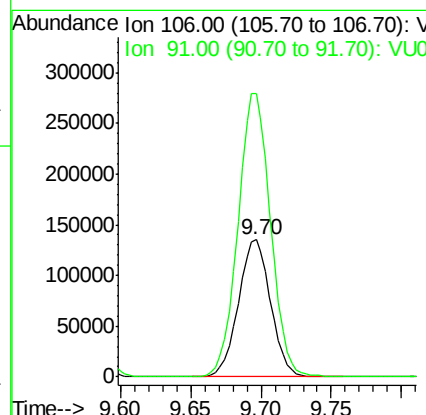
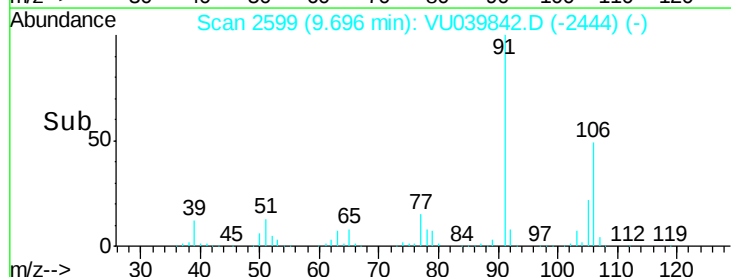
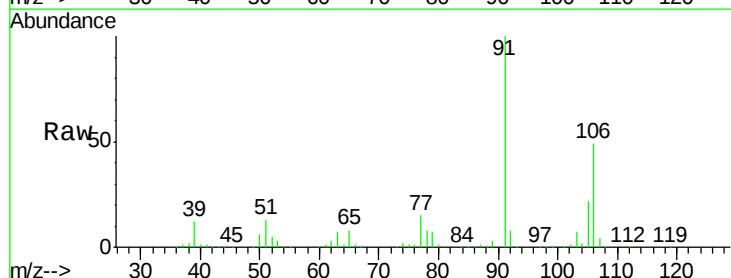
Acq: 12 Aug 2020 13:31

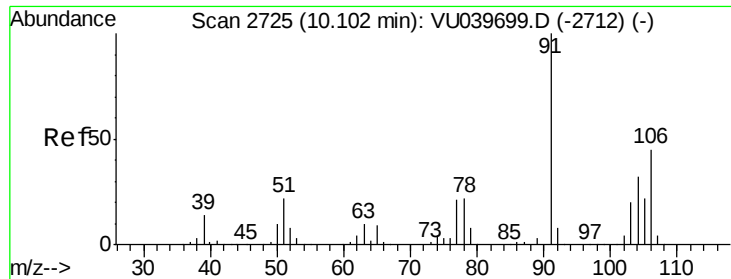
Tgt Ion: 106 Resp: 216919

Ion Ratio Lower Upper

106 100

91 207.1 163.9 245.9





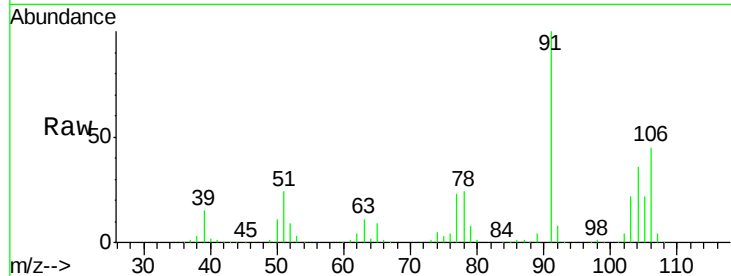
#65
o-Xylene
Concen: 9.507 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

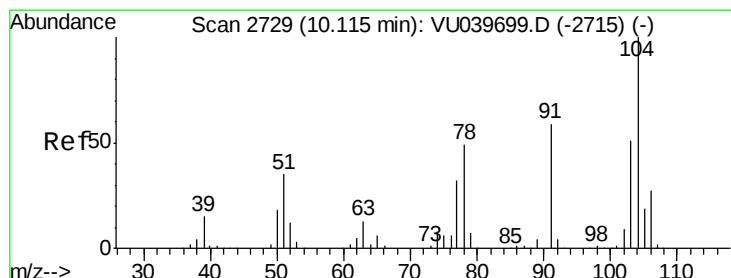
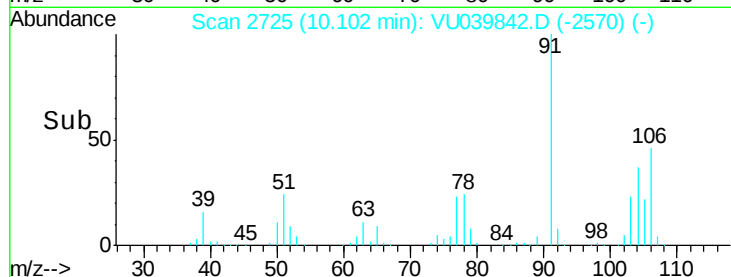
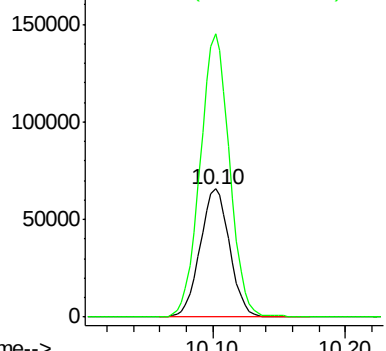
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		101615		
91	219.7	110.3	331.0		

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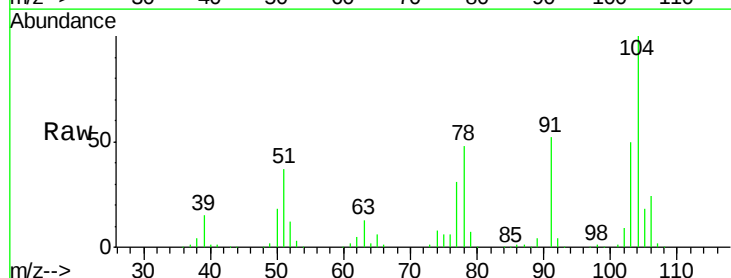


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

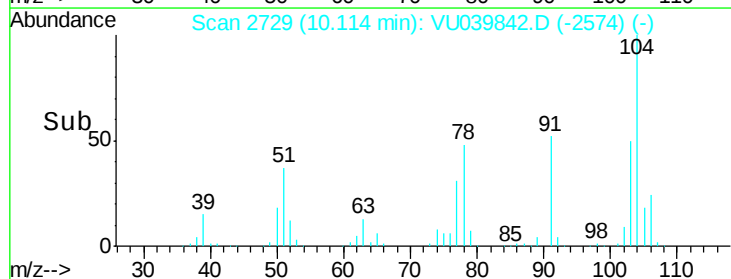
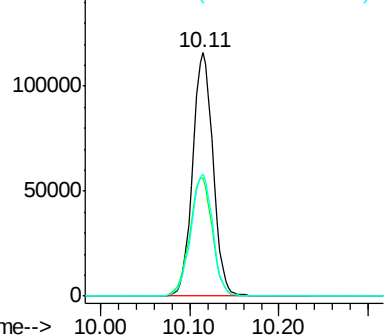


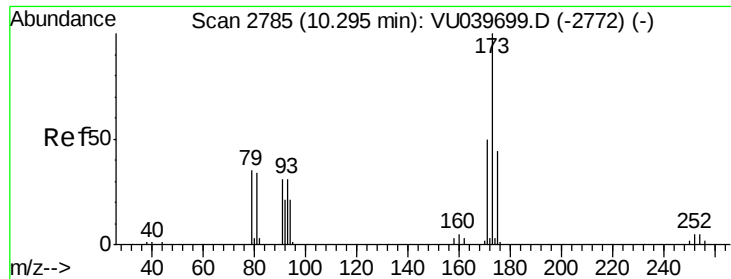
#66
Styrene
Concen: 10.034 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		183791		
78	53.4	42.2	63.4		
103	53.8	43.4	65.2		



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





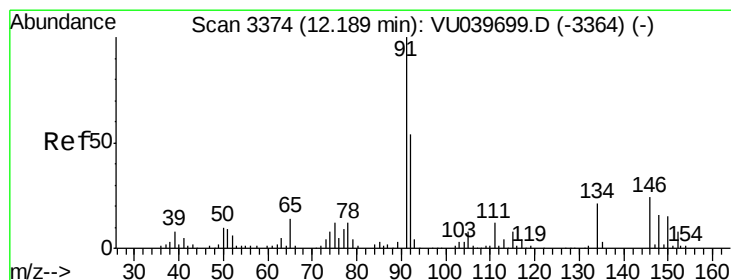
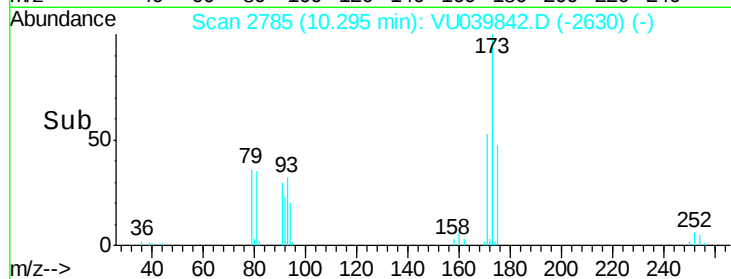
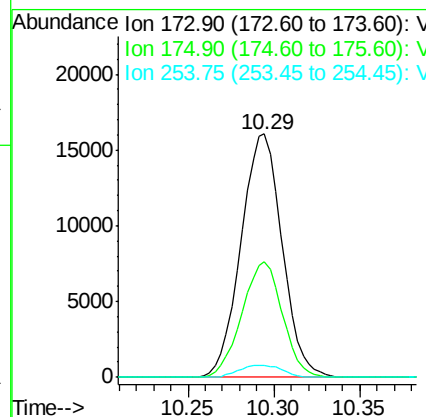
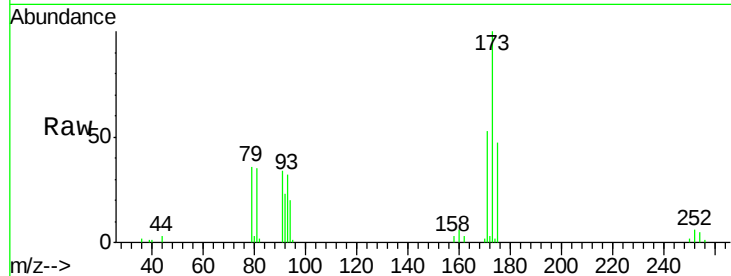
#67
Bromoform
Concen: 9.701 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.7	36.7	55.1
254	5.1	3.8	5.8

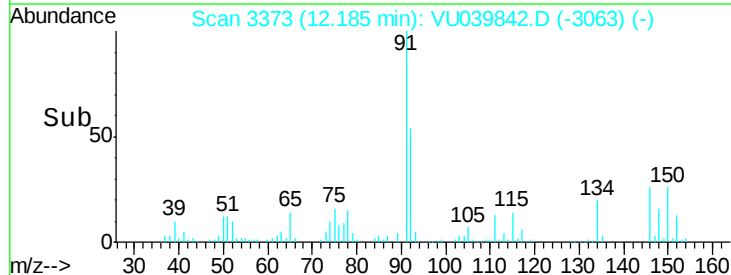
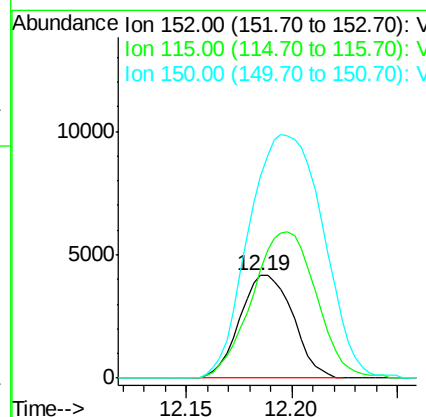
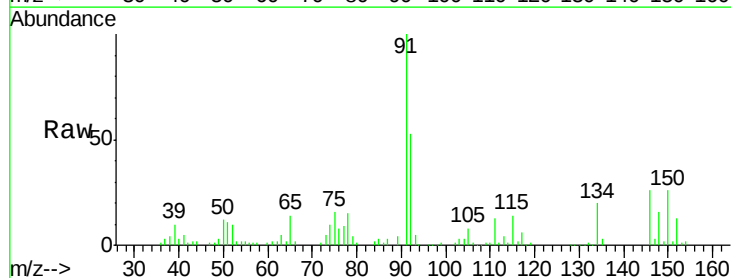
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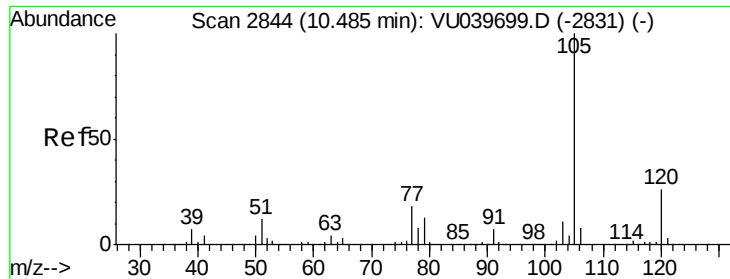
MMDadoda
8/13/2020 11:36:00 AM



#68
1,2-Dichlorobenzene-d4
Concen: 0.913 ug/l
RT: 12.19 min Scan# 3373
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
152	100		
115	171.7	0.0	302.4
150	332.2	0.0	645.8





#69

Isopropylbenzene

Concen: 9.528 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion: 105 Resp: 272008

Ion Ratio Lower Upper

105 100

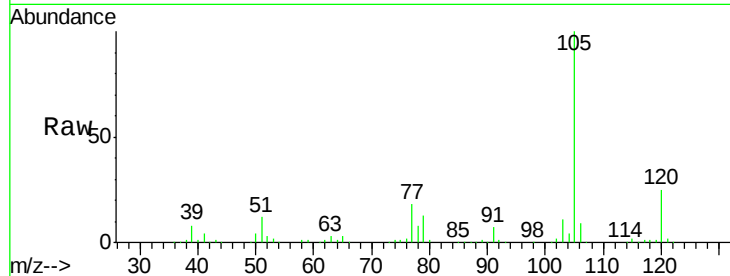
120 25.4 12.8 38.4

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

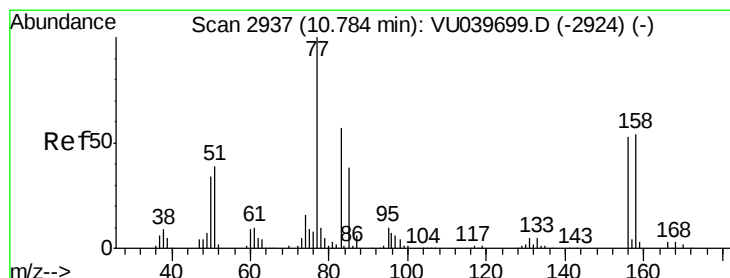
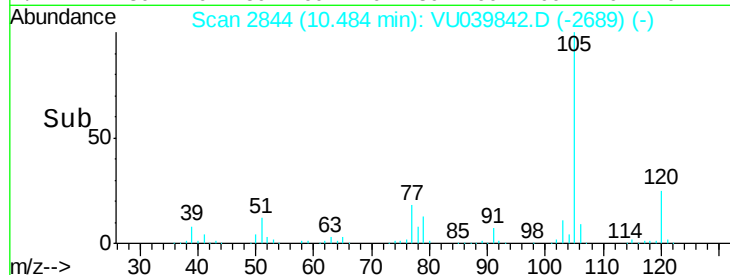
50000

0

10.40

10.50

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 8.755 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

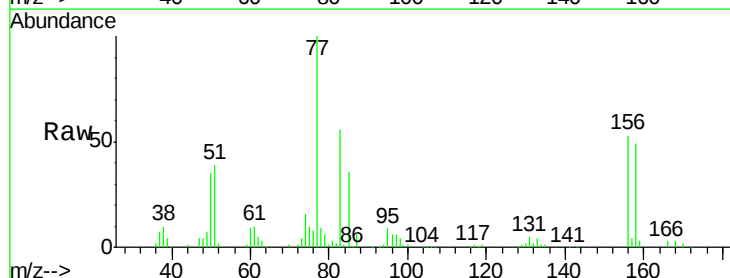
Tgt Ion: 83 Resp: 63442

Ion Ratio Lower Upper

83 100

131 8.6 7.0 10.6

85 63.9 50.6 75.8



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

50000

40000

30000

20000

10000

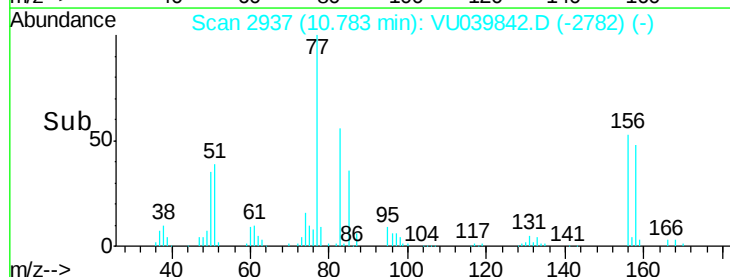
0

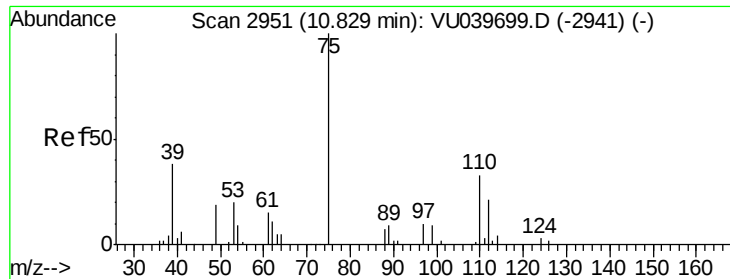
10.70

10.80

10.90

Time-->





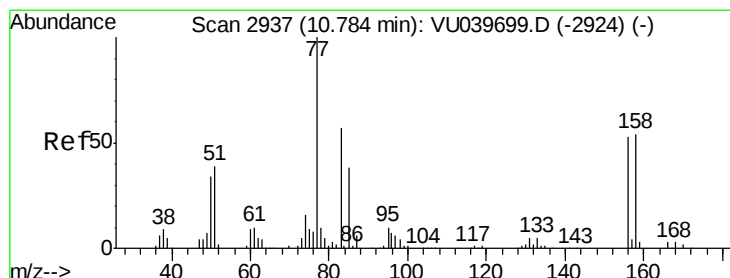
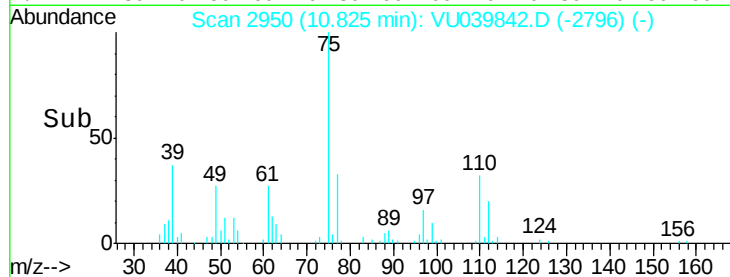
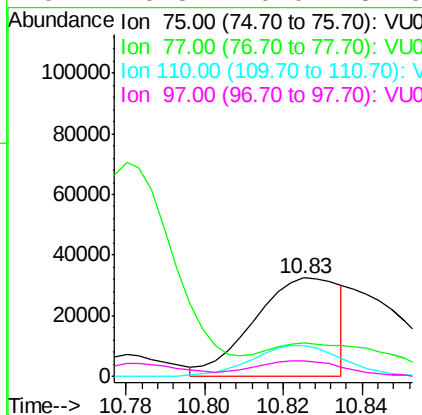
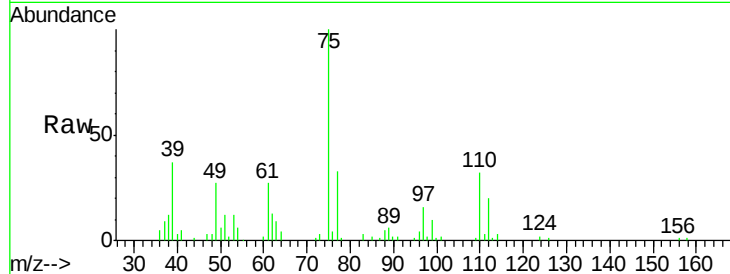
#71
 1,2,3-Trichloropropane
 Concen: 9.001 ug/l m
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	75	Resp	49136
Ion	Ratio	Lower	Upper
75	100		
77	50.5	0.0	91.0
110	33.7	0.0	64.2
97	16.8	0.0	32.6

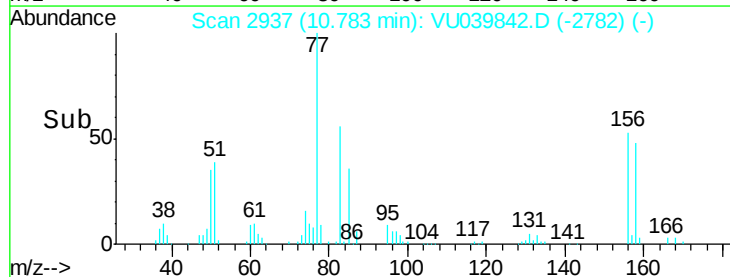
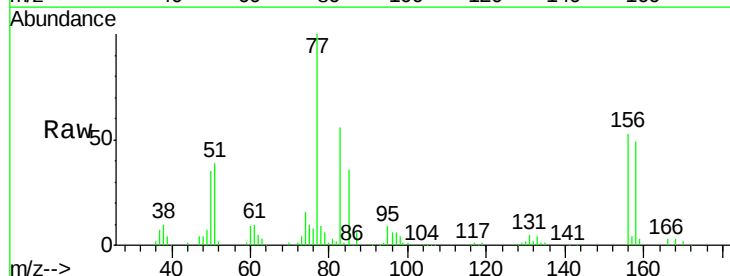
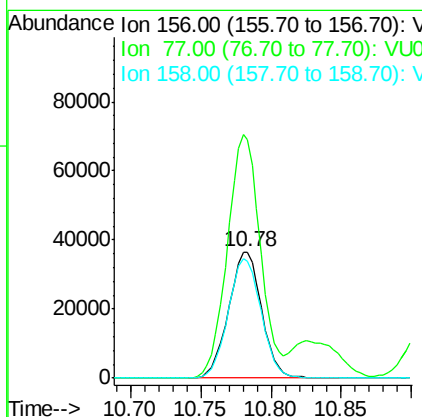
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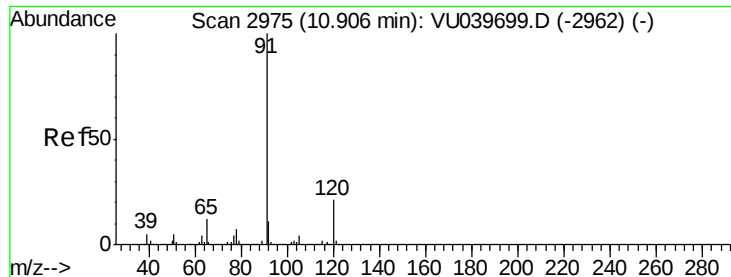
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 8/13/2020 11:36:00 AM



#72
 Bromobenzene
 Concen: 9.239 ug/l
 RT: 10.78 min Scan# 2937
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion	156	Resp	59903
Ion	Ratio	Lower	Upper
156	100		
77	192.3	0.0	385.2
158	94.8	0.0	200.8





#73

n-propylbenzene

Concen: 9.460 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:120 Resp: 75938

Ion Ratio Lower Upper

120 100

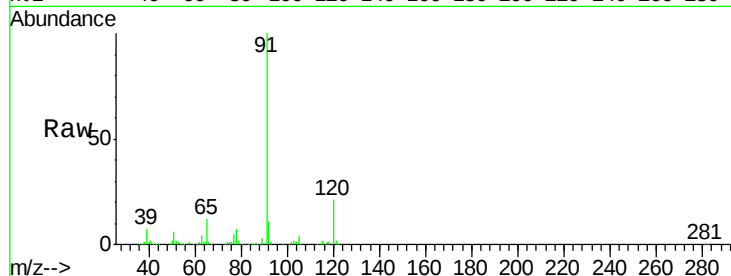
91 473.8 371.7 557.5

Manual Integrations

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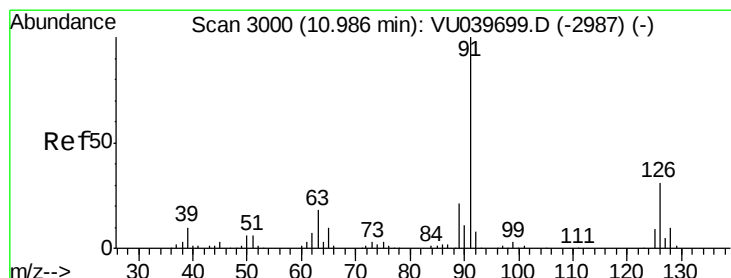
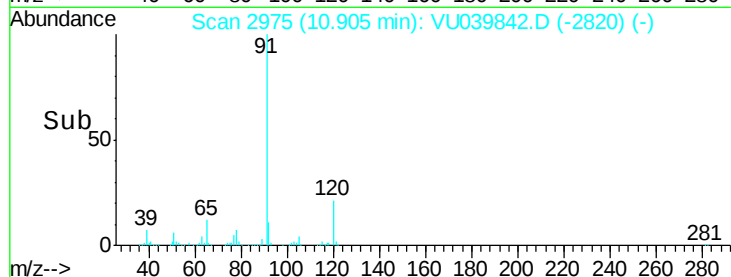
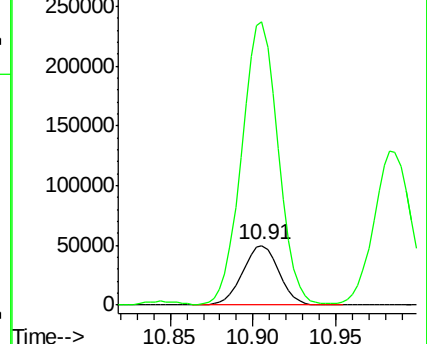
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8/13/2020 11:36:00 AM



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 9.116 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039842.D

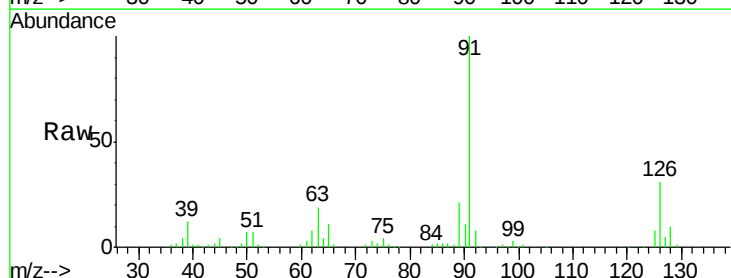
Acq: 12 Aug 2020 13:31

Tgt Ion:126 Resp: 61813

Ion Ratio Lower Upper

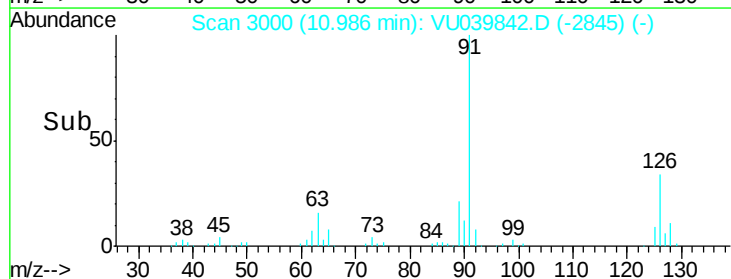
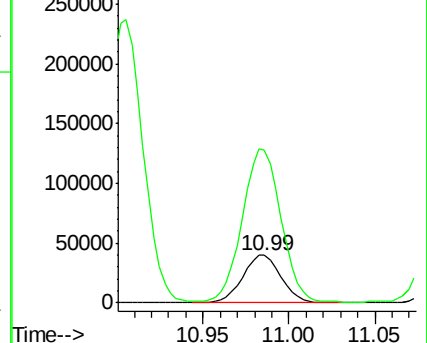
126 100

91 324.0 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 9.693 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039842.D

Acq: 12 Aug 2020 13:31

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010EC

Tot Ion:105 Resp: 239221

Ion Ratio Lower Upper

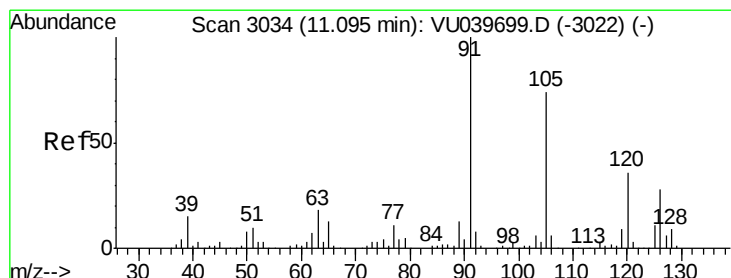
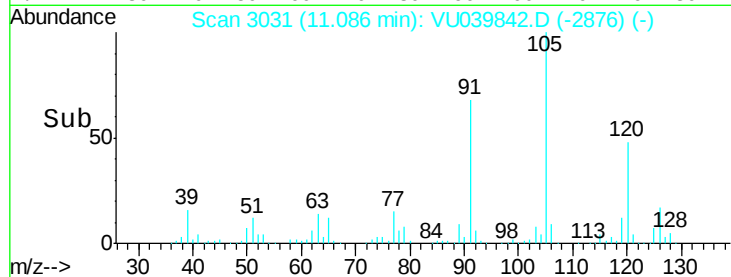
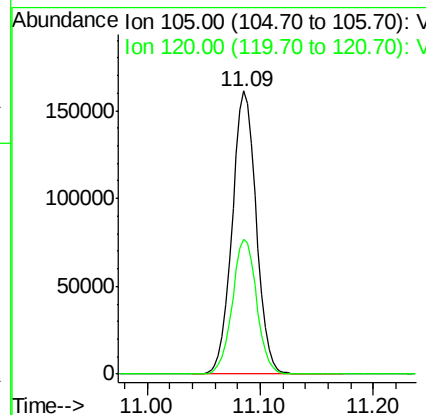
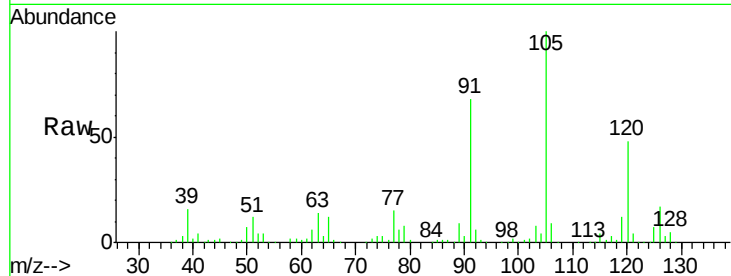
105 100

120 48.1 38.0 57.0

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#76

4-Chlorotoluene

Concen: 9.732 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039842.D

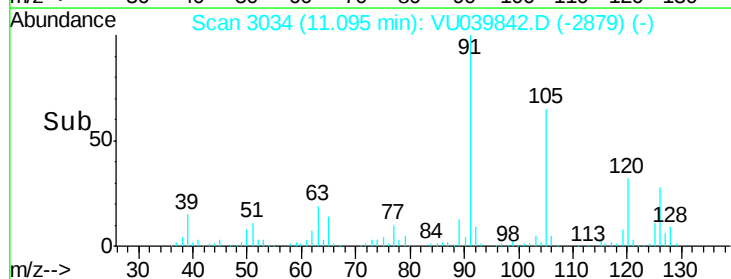
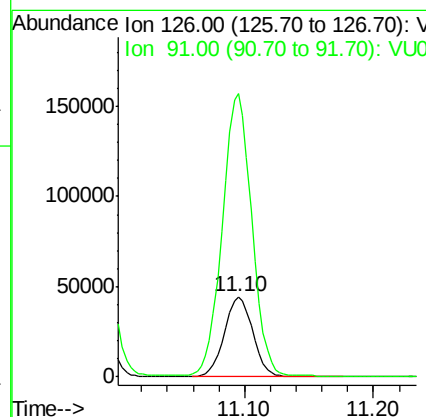
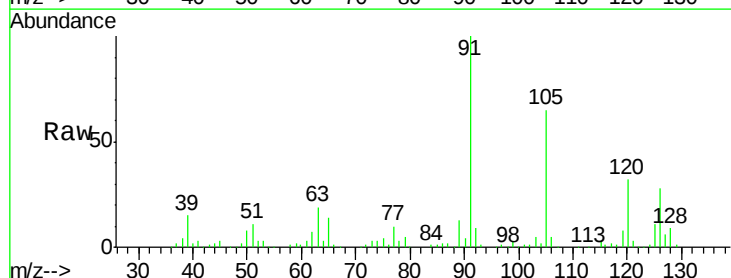
Acq: 12 Aug 2020 13:31

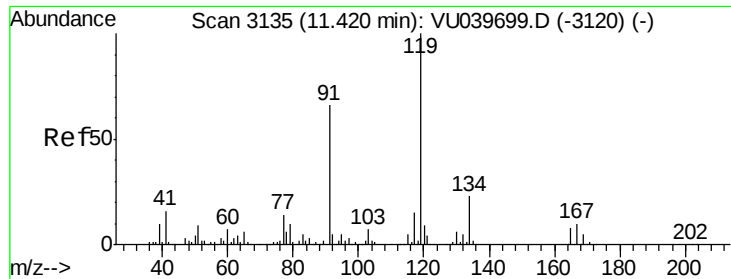
Tgt Ion:126 Resp: 68355

Ion Ratio Lower Upper

126 100

91 363.9 0.0 732.2





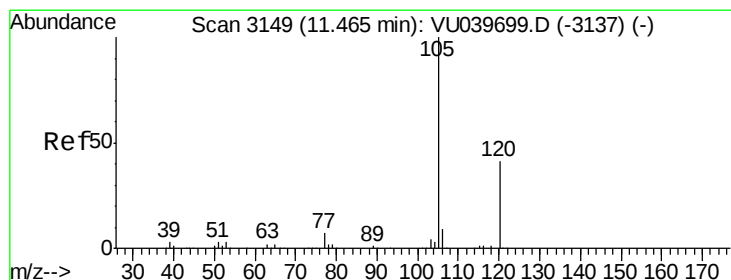
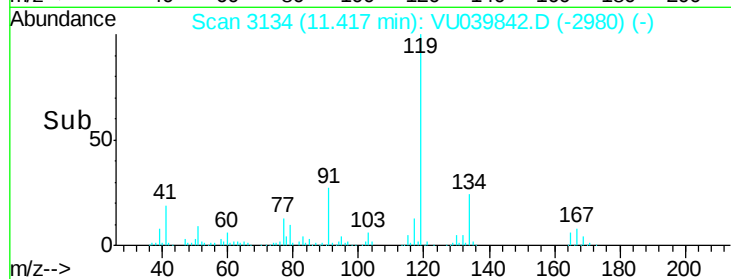
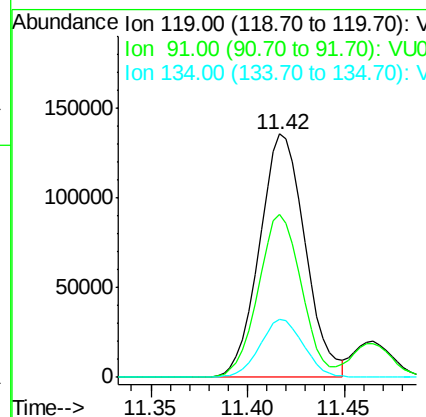
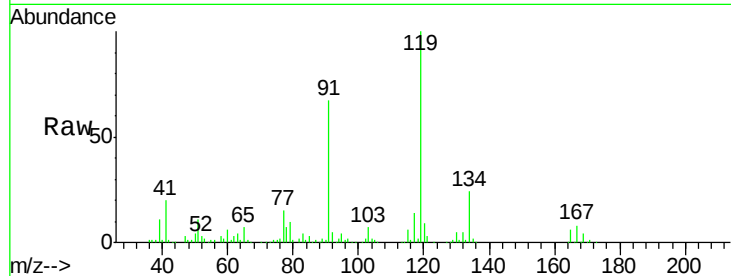
#77
tert-Butylbenzene
Concen: 9.419 ug/l
RT: 11.42 min Scan# 3134
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	223012		
91	63.5	31.9	95.5	
134	22.9	18.2	27.4	

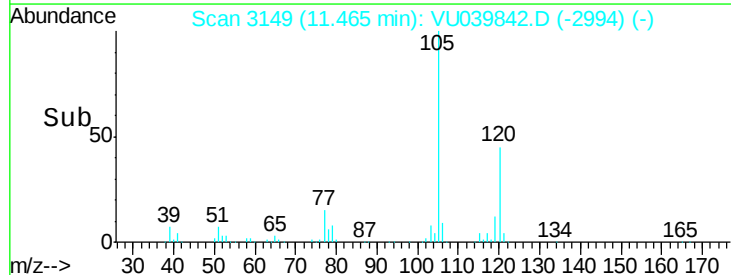
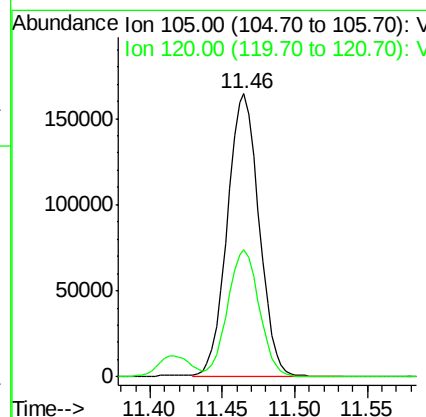
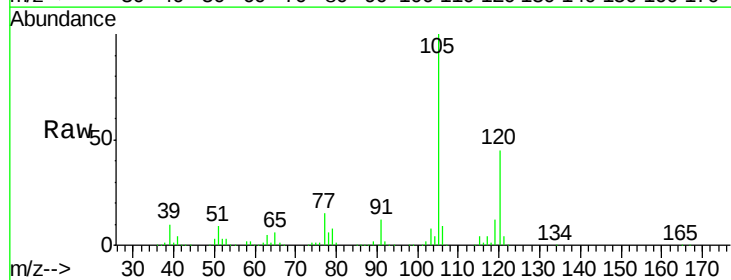
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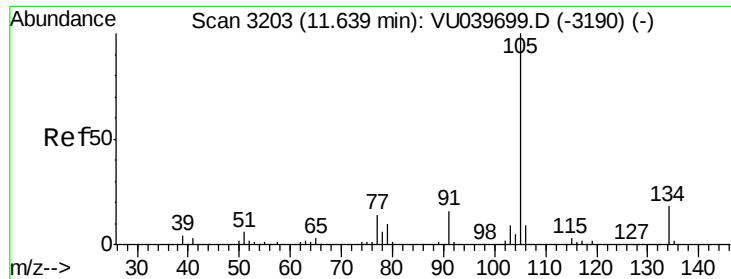
MMDadoda
8/13/2020 11:36:00 AM



#78
1,2,4-Trimethylbenzene
Concen: 9.858 ug/l
RT: 11.46 min Scan# 3149
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	249524		
120	44.9	22.7	68.0	





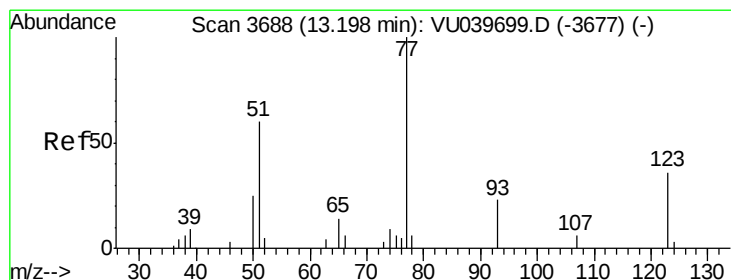
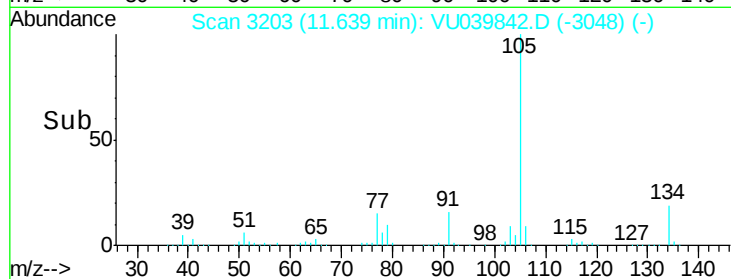
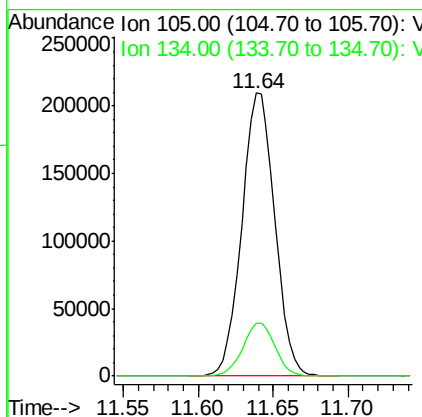
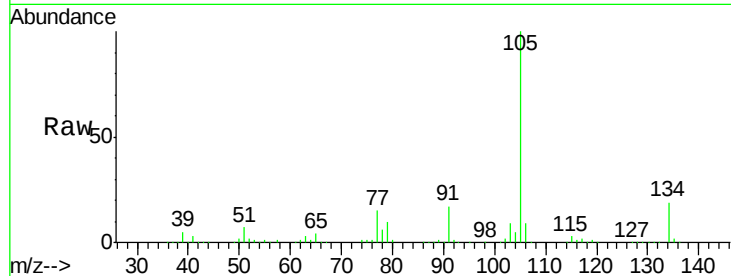
#79
 sec-Butylbenzene
 Concen: 9.549 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.4	14.8	22.2

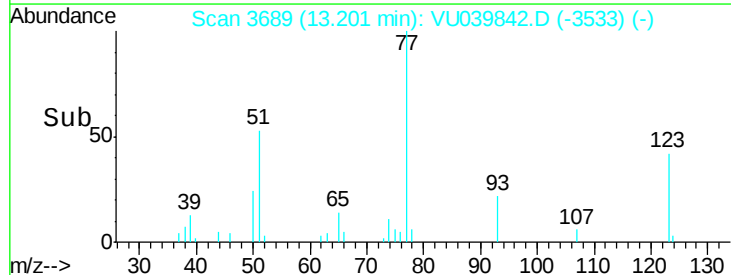
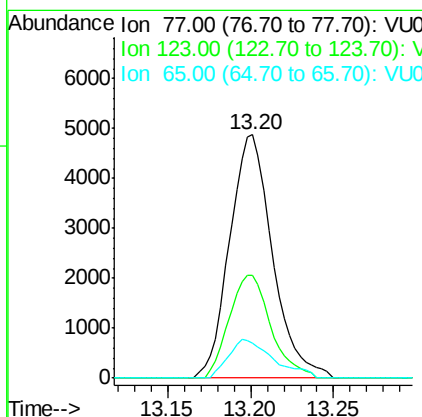
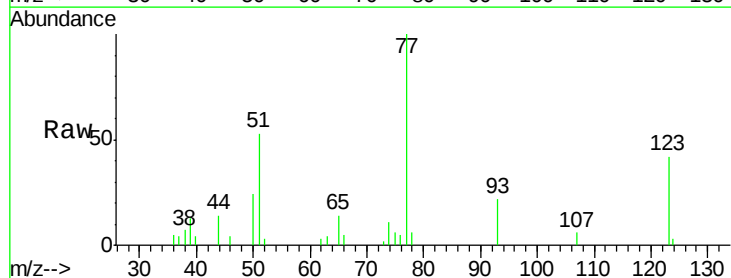
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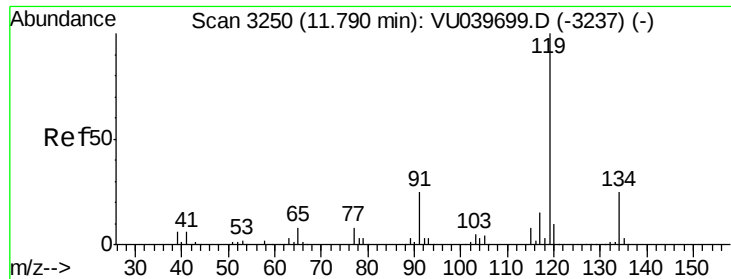
MMDadoda
 8/13/2020 11:36:00 AM



#80
 Nitrobenzene
 Concen: 71.499 ug/l
 RT: 13.20 min Scan# 3689
 Delta R.T. 0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.1	16.9	59.9
65	16.7	14.4	18.4





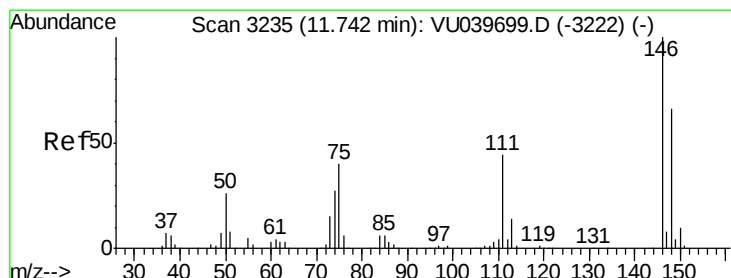
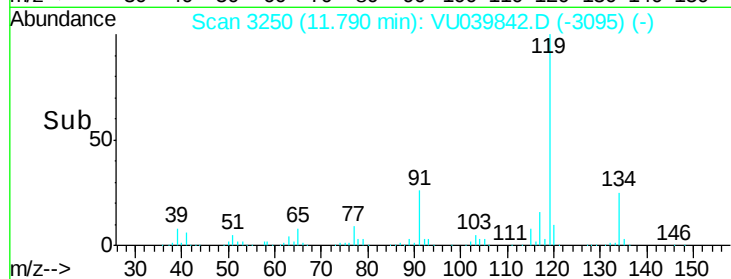
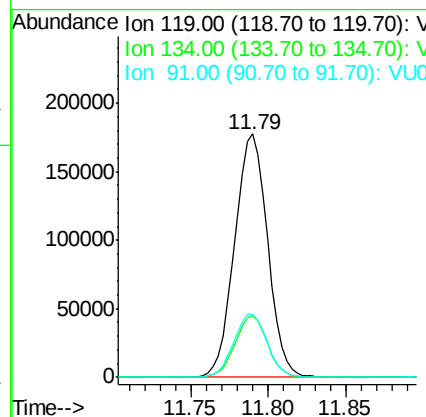
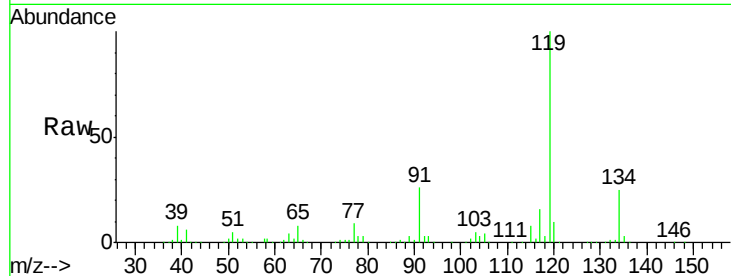
#81
 p-Isopropyltoluene
 Concen: 9.596 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.1	20.2	30.4
91	26.2	20.7	31.1

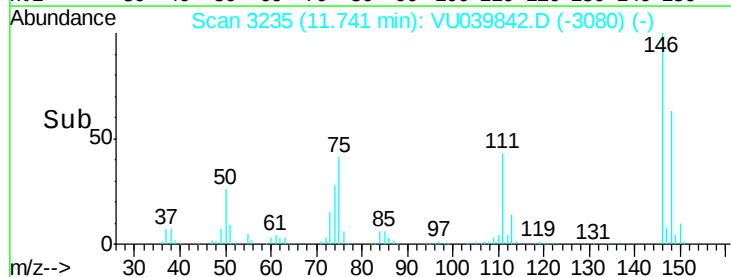
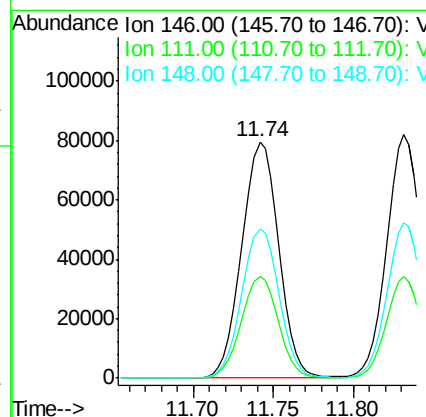
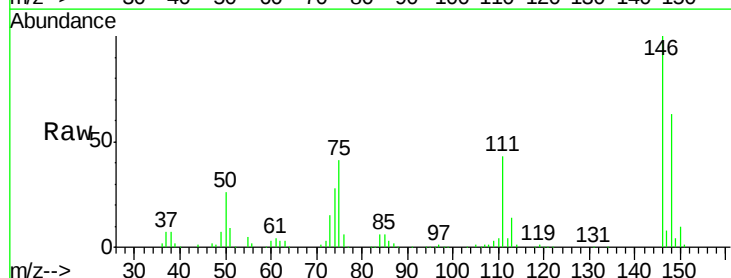
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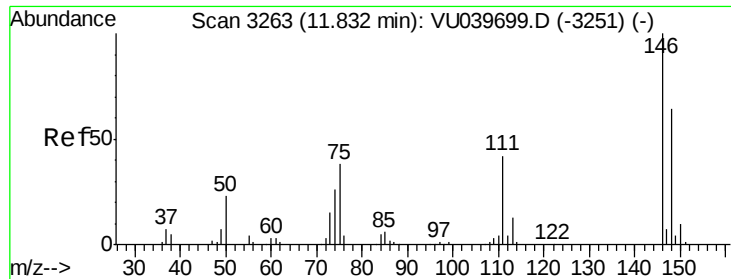
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#82
 1,3-Dichlorobenzene
 Concen: 8.985 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	34.5	51.7
148	63.9	51.4	77.0





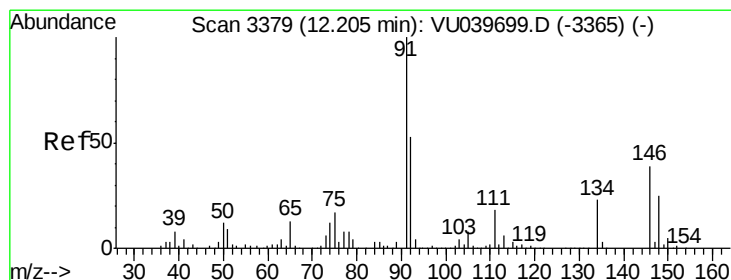
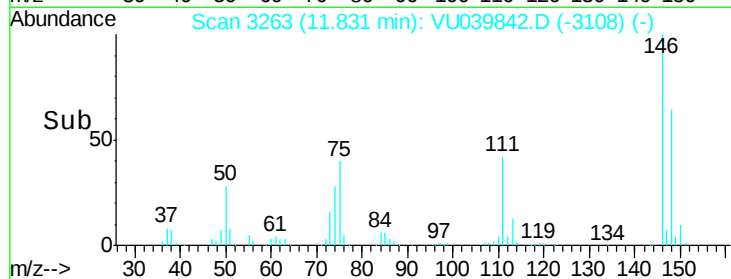
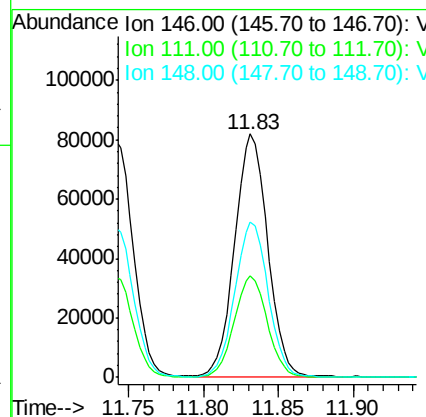
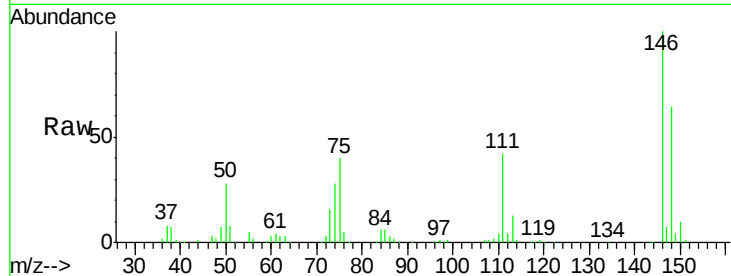
#83
 1,4-Dichlorobenzene
 Concen: 8.965 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion:	146	Resp:	125834
Ion Ratio	Lower	Upper	
146	100		
111	42.1	33.8	50.6
148	64.3	51.1	76.7

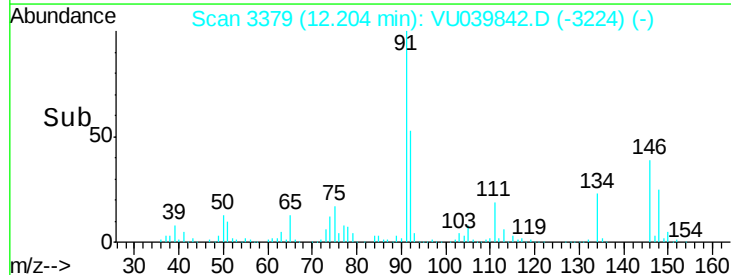
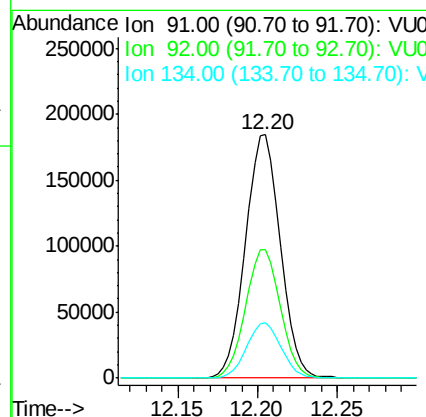
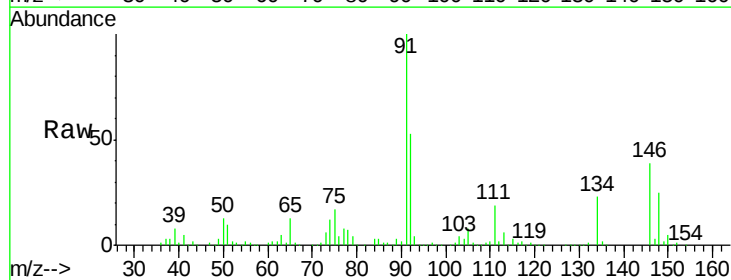
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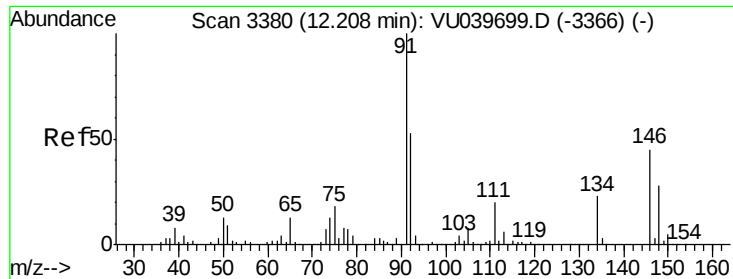
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#84
 n-Butylbenzene
 Concen: 9.513 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion:	91	Resp:	274429
Ion Ratio	Lower	Upper	
91	100		
92	52.9	42.6	64.0
134	22.5	18.2	27.4





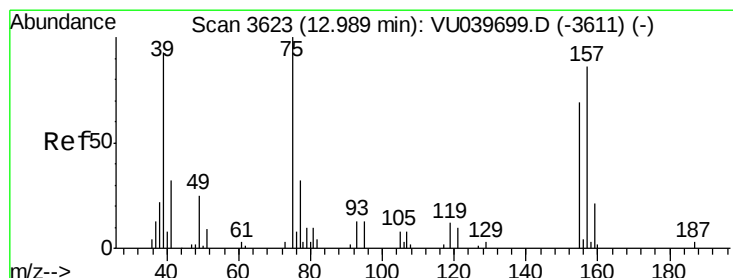
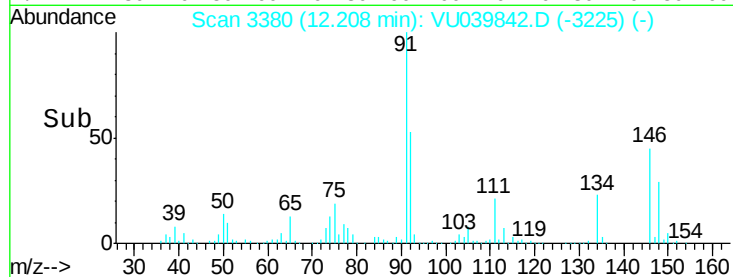
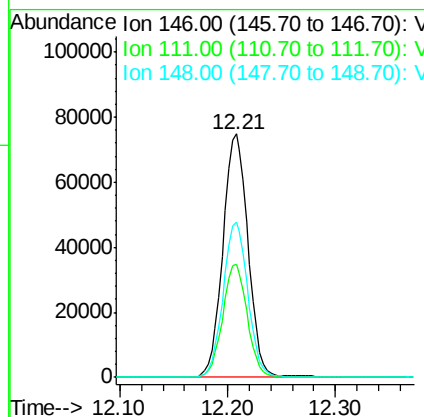
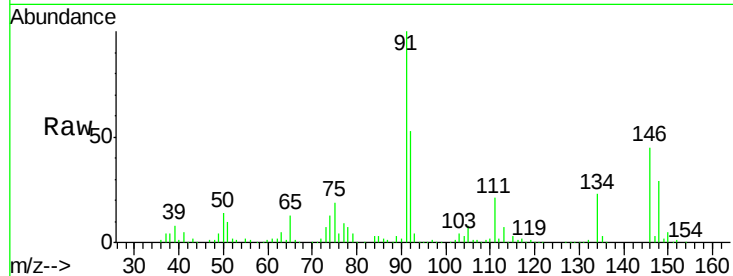
#85
 1,2-Dichlorobenzene
 Concen: 9.018 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.5	22.8	68.3
148	62.9	31.7	95.1

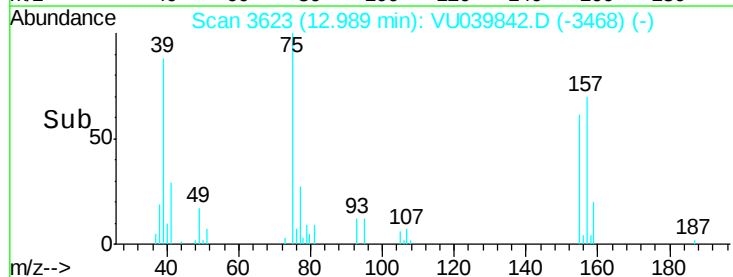
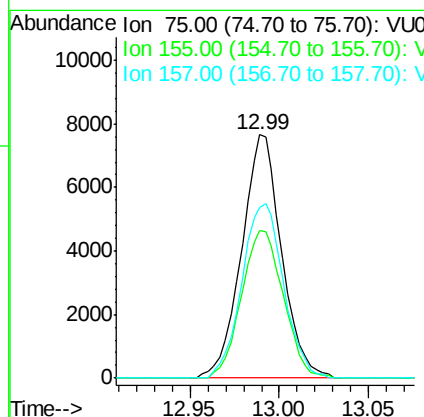
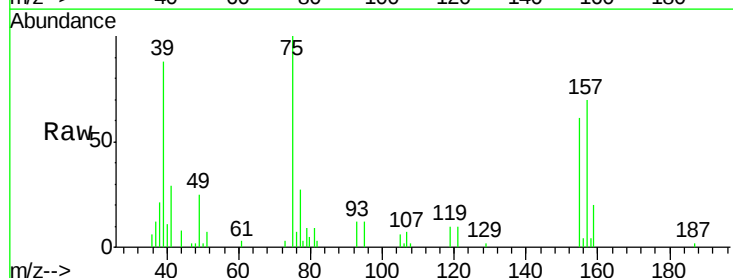
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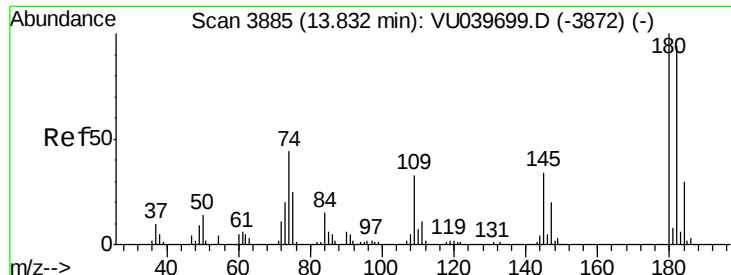
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.792 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	63.6	52.9	79.3
157	74.9	67.8	101.6





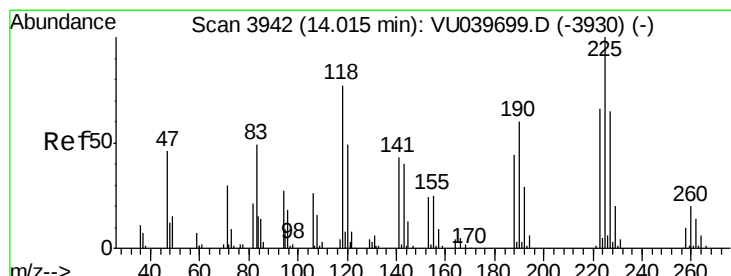
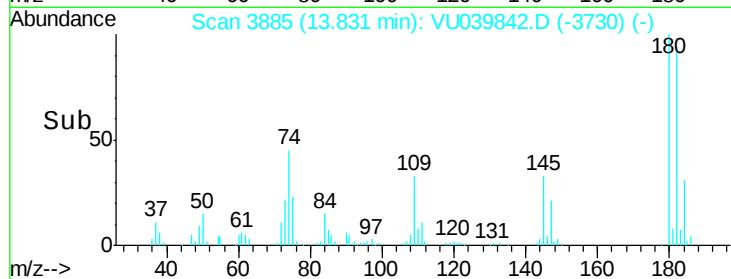
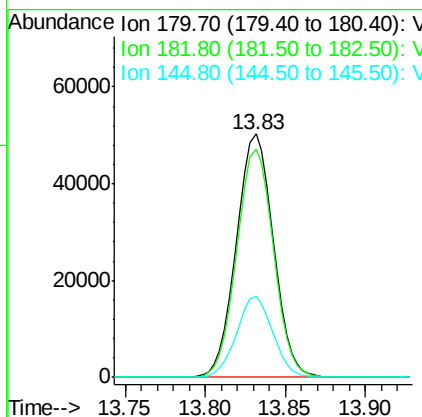
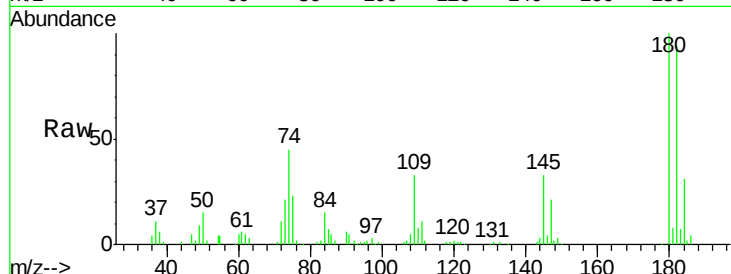
#87
 1,2,4-Trichlorobenzene
 Concen: 9.417 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.3	76.2	114.4
145	32.6	26.8	40.2

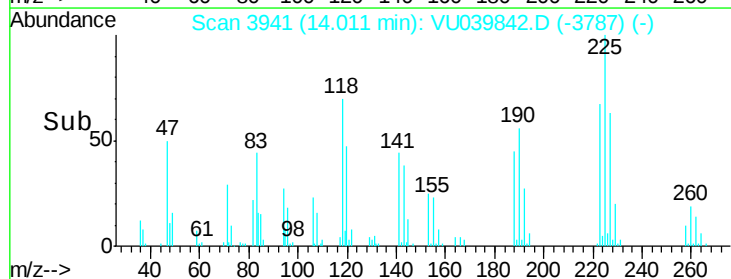
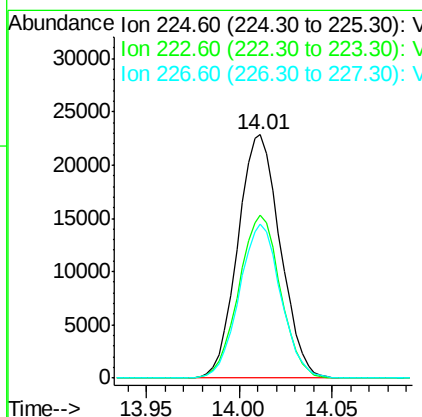
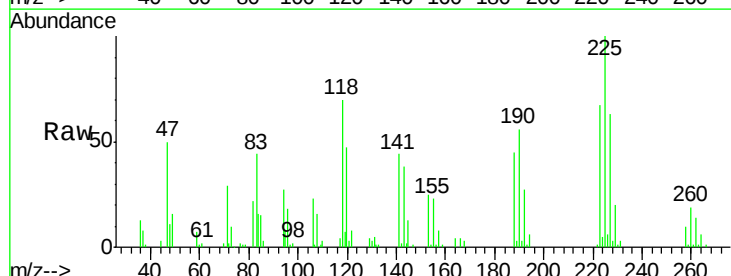
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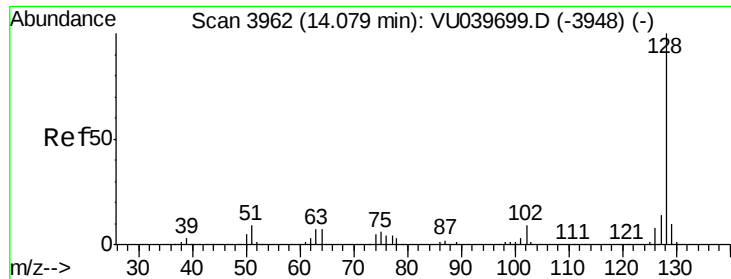
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#88
 Hexachlorobutadiene
 Concen: 9.488 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU039842.D
 Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.6	52.4	78.6
227	61.8	50.7	76.1





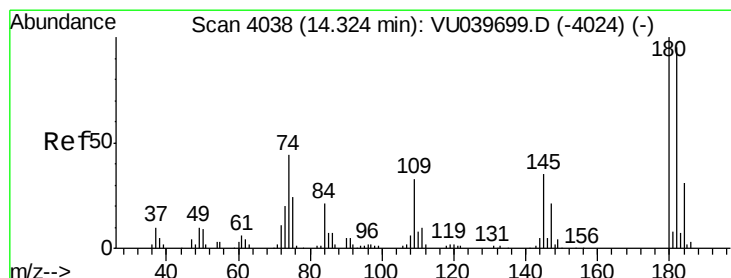
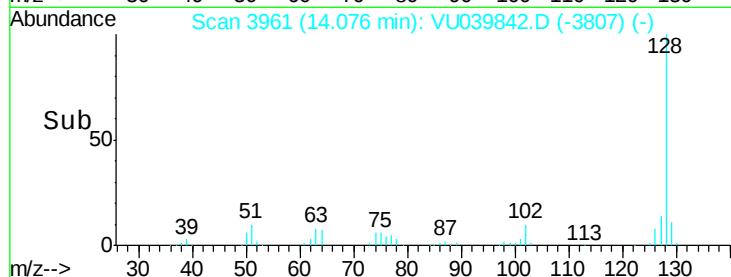
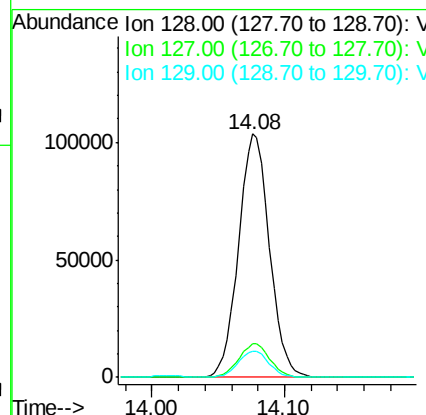
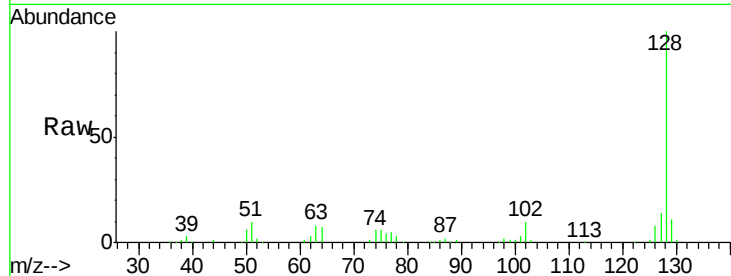
#89
Naphthalene
Concen: 9.320 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	11.0	16.4
129	10.7	8.4	12.6

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#90
1,2,3-Trichlorobenzene
Concen: 9.469 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU039842.D
Acq: 12 Aug 2020 13:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.0	114.0
145	35.1	27.8	41.6

