

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040917.D
 Acq On : 22 Oct 2020 21:57
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 4:15:15 PM

Quant Time: Oct 23 07:20:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	59674	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	24864	1.14	ug/l	0.00
Spiked Amount 1.000			Recovery	=	114.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	22446	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	109300	3.927	ug/l	100
3) Chloromethane	1.53	50	163655	5.642	ug/l	99
4) Vinyl Chloride	1.61	62	168658	6.243	ug/l	100
5) Bromomethane	1.87	94	106972	6.738	ug/l	97
6) Chloroethane	1.94	64	109659	6.642	ug/l	100
7) Trichlorofluoromethane	2.15	101	250549	7.341	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	137663	7.255	ug/l	99
9) 1,1-Dichloroethene	2.59	96	126299	7.643	ug/l	98
10) Iodomethane	2.74	142	146984	7.403	ug/l	99
11) Allyl Chloride	2.94	41	282604	8.305	ug/l	94
12) Acrylonitrile	3.34	53	220854	37.907	ug/l	96
13) Acetone	2.66	43	198203	40.646	ug/l	99
14) Carbon Disulfide	2.81	76	374785	6.035	ug/l	100
15) Methylene Chloride	3.06	84	164196	7.649	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	148403	7.934	ug/l	99
17) 1,1-Dichloroethane	3.89	63	315903	8.257	ug/l	99
18) 2-Butanone	4.75	43	337396	42.773	ug/l	99
19) Cyclohexane	5.40	56	232794m	6.466	ug/l	
20) Methylcyclohexane	6.77	83	196852	7.309	ug/l	97
21) 2,2-Dichloropropane	4.68	77	255408	7.907	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	172434	8.640	ug/l	95
23) Diethyl Ether	2.39	59	126211	7.735	ug/l	99
24) tert-Butyl Alcohol	3.26	59	58831	32.320	ug/l #	86
25) Methyl tert-Butyl Ether	3.39	73	393722	7.680	ug/l	100
26) Bromochloromethane	4.99	128	79308	9.143	ug/l	95
27) Chloroform	5.11	83	316406	8.654	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	259975	8.247	ug/l	99
29) 1,1-Dichloropropene	5.54	75	223298	8.085	ug/l	99
30) Carbon Tetrachloride	5.54	117	234787	8.229	ug/l	97
31) Isopropyl Ether	4.02	45	536994	9.077	ug/l #	1
34) Propionitrile	4.83	54	172154	79.487	ug/l #	35
35) Benzene	5.79	78	659966	8.620	ug/l	99
36) 1,2-Dichloroethane	5.81	62	241452	8.508	ug/l	99
37) Trichloroethene	6.55	130	151014	8.345	ug/l	93
38) 1,2-Dichloropropane	6.80	63	190851	8.787	ug/l	96
39) Methacrylonitrile	5.00	41	88104	8.677	ug/l	99
40) Methyl acrylate	4.87	55	150931	10.841	ug/l #	93
41) Tetrahydrofuran	5.09	42	195868	37.502	ug/l	99
42) 1-Chlorobutane	5.47	56	307788	7.372	ug/l	99
43) Dibromomethane	6.93	93	102511	8.422	ug/l	99
44) Bromodichloromethane	7.12	83	257188	9.100	ug/l	98

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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.81	43	783238	49.011	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	68834m	10.893	ug/l	
47) Methyl methacrylate	6.98	69	94235	9.272	ug/l	98
48) Ethyl methacrylate	8.34	69	174994	10.235	ug/l	99
49) Toluene	7.98	92	403535	9.585	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	234046	9.582	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	248786	9.294	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	146192	9.499	ug/l	95
53) 1,3-Dichloropropane	8.58	76	253872	9.188	ug/l	99
54) 2-Hexanone	8.70	43	557538	49.936	ug/l	99
55) Dibromochloromethane	8.82	129	168207	9.115	ug/l	98
56) 1,2-Dibromoethane	8.93	107	137404	9.629	ug/l	99
58) Tetrachloroethene	8.56	164	142041	8.396	ug/l	99
59) Chlorobenzene	9.45	112	411512	9.233	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	160376	9.158	ug/l	99
61) Pentachloroethane	11.43	117	134977	9.542	ug/l	98
62) Hexachloroethane	12.47	117	125621	8.725	ug/l	96
63) Ethyl Benzene	9.57	91	757276	10.258	ug/l	98
64) m/p-Xylenes	9.69	106	594525	18.227	ug/l	99
65) o-Xylene	10.10	106	266060	10.263	ug/l	99
66) Styrene	10.11	104	494129	9.171	ug/l	99
67) Bromoform	10.29	173	93676	9.379	ug/l	97
69) Isopropylbenzene	10.48	105	757689	10.959	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	196521	9.385	ug/l	100
71) 1,2,3-Trichloropropane	10.82	75	160695m	10.066	ug/l	
72) Bromobenzene	10.78	156	177298	9.836	ug/l	97
73) n-propylbenzene	10.90	120	203544	8.898	ug/l	97
74) 2-Chlorotoluene	10.98	126	178033	9.924	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	675567	9.402	ug/l	99
76) 4-Chlorotoluene	11.10	126	193870	10.427	ug/l	99
77) tert-Butylbenzene	11.42	119	596508	10.208	ug/l	98
78) 1,2,4-Trimethylbenzene	11.47	105	694776	9.327	ug/l	100
79) sec-Butylbenzene	11.64	105	789222	9.728	ug/l	99
80) Nitrobenzene	13.20	77	9901	9.997	ug/l	96
81) p-Isopropyltoluene	11.79	119	734970	9.344	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	365336	9.291	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	375289	9.439	ug/l	99
84) n-Butylbenzene	12.20	91	730945	10.763	ug/l	99
85) 1,2-Dichlorobenzene	12.20	146	358188	9.523	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	37397	9.566	ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	245058	11.116	ug/l	99
88) Hexachlorobutadiene	14.01	225	120771	9.758	ug/l	99
89) Naphthalene	14.08	128	515921	9.337	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	237022	11.050	ug/l	100

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

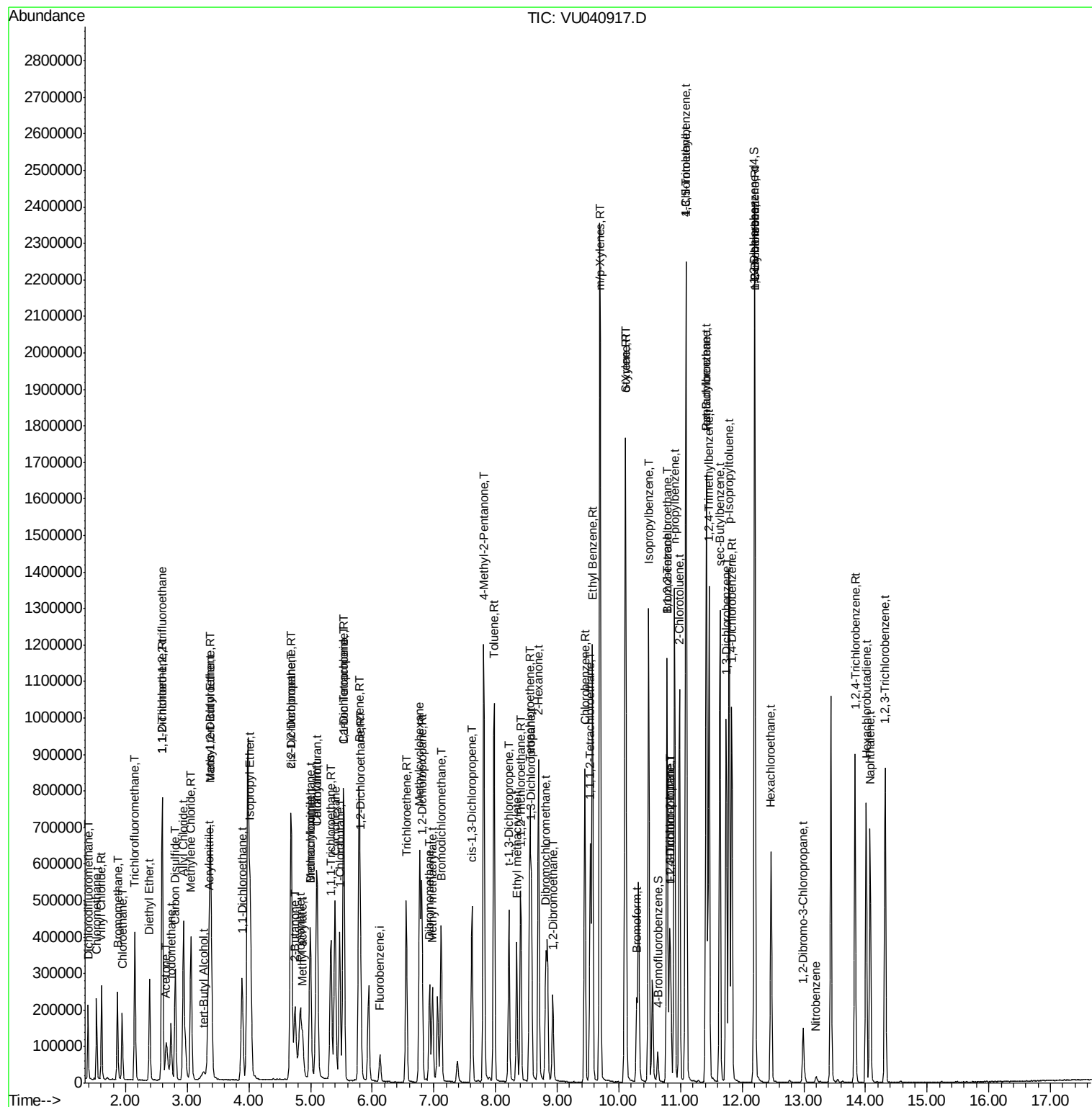
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102220\
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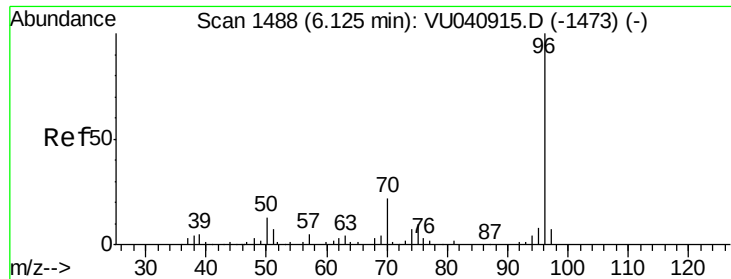
Instrument :
MSVOA_U
Client Sampled :
ICVVU102220

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:07:33 2020
Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

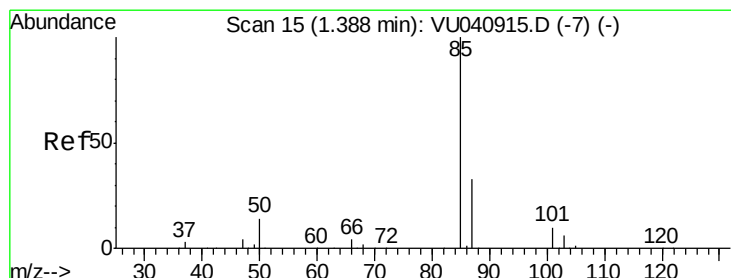
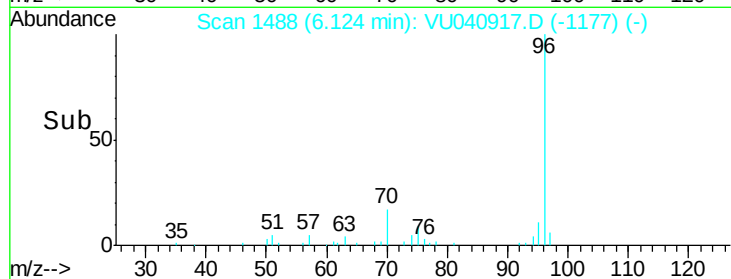
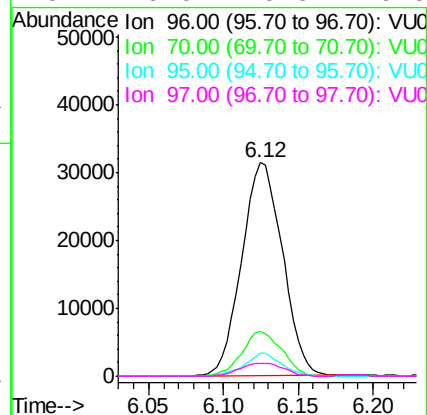
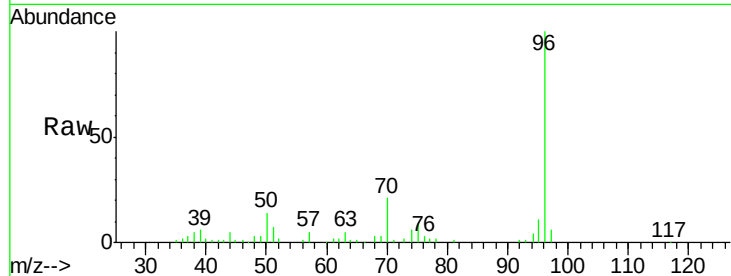
ClientSampleId :

ICVVU102220

Tot Ion:	96	Resp:	59674
Ion	Ratio	Lower	Upper
96	100		
70	20.5	16.3	24.5
95	9.8	7.3	10.9
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 3.927 ug/l

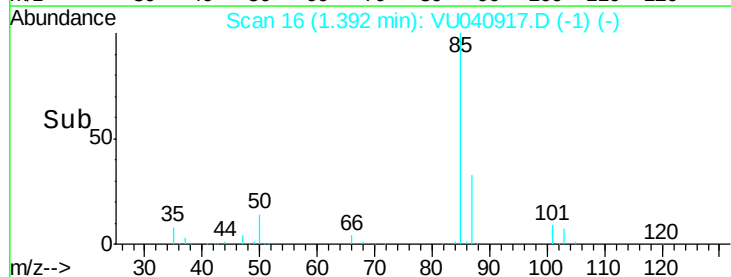
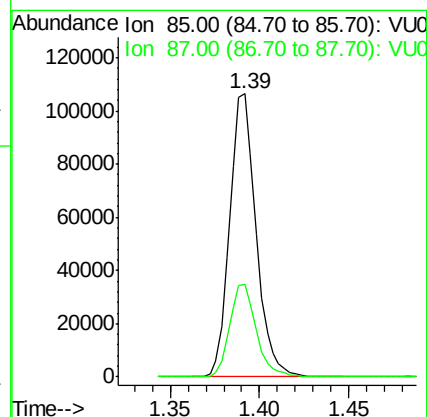
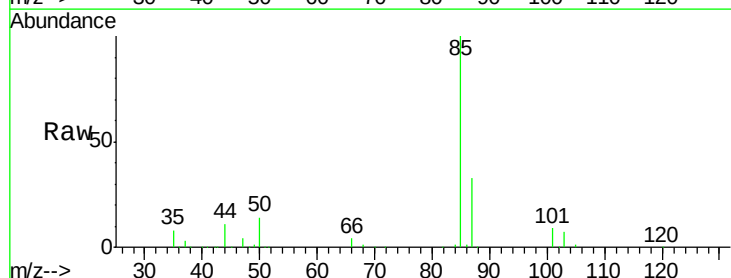
RT: 1.39 min Scan# 16

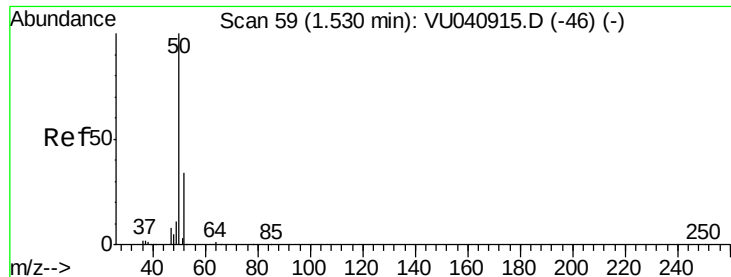
Delta R.T. 0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Tgt Ion:	85	Resp:	109300
Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.5	49.5





#3

Chloromethane

Concen: 5.642 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion: 50 Resp: 163655

Ion Ratio Lower Upper

50 100

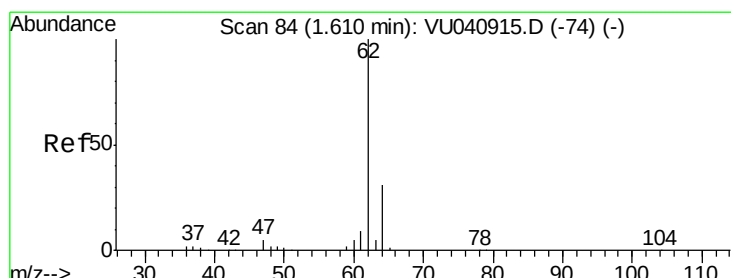
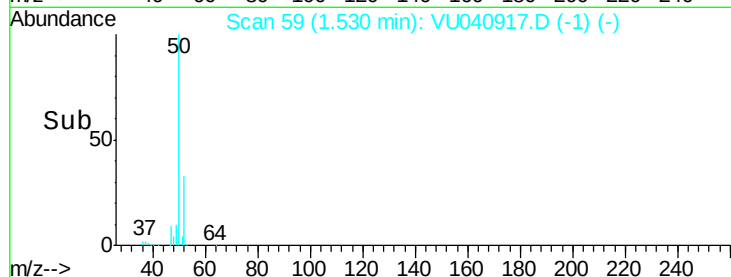
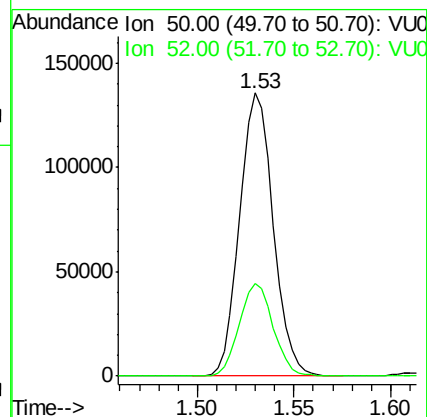
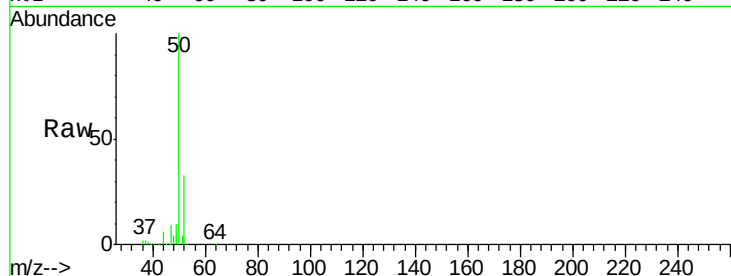
52 32.8 26.9 40.3

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#4

Vinyl Chloride

Concen: 6.243 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040917.D

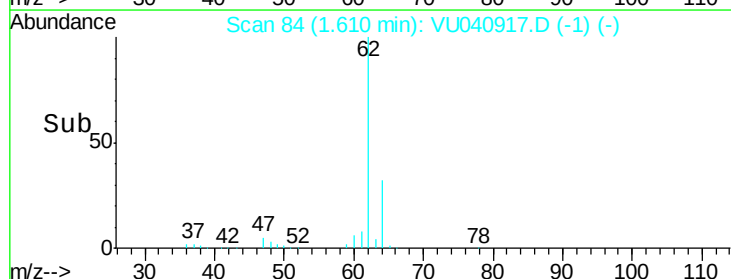
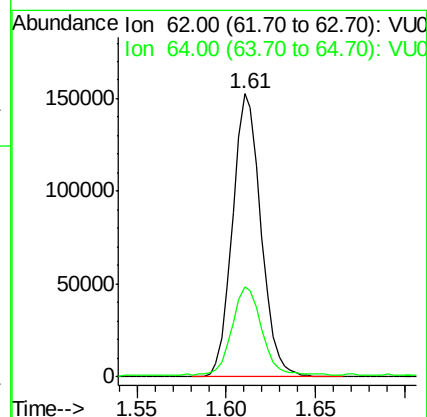
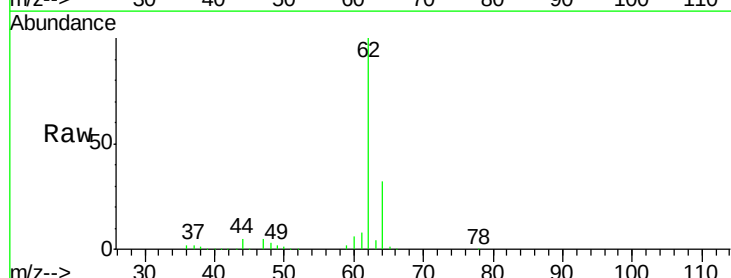
Acq: 22 Oct 2020 21:57

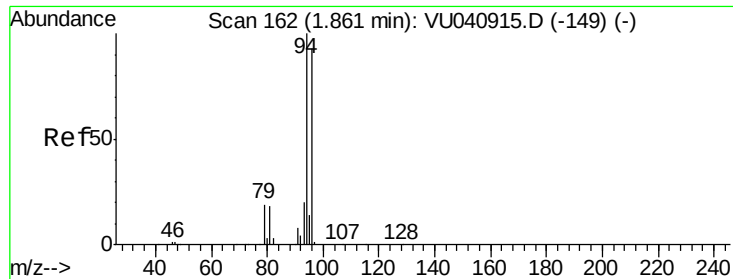
Tgt Ion: 62 Resp: 168658

Ion Ratio Lower Upper

62 100

64 30.9 24.7 37.1





#5

Bromomethane

Concen: 6.738 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion: 94 Resp: 106972

Ion Ratio Lower Upper

94 100

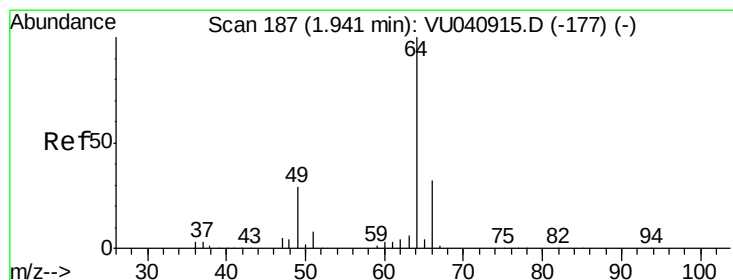
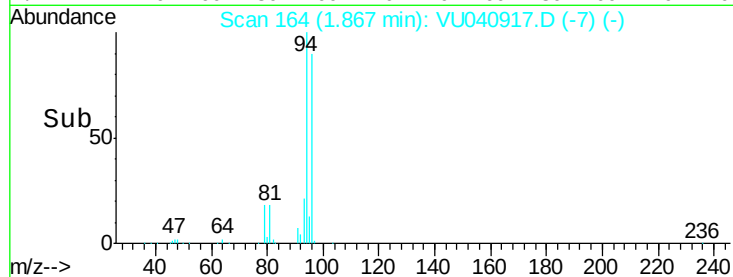
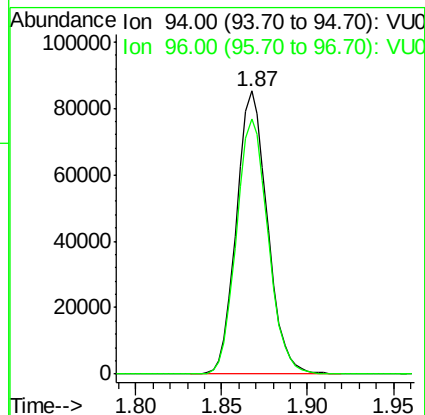
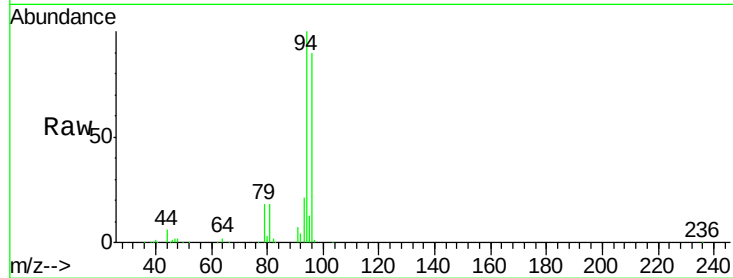
96 90.3 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 6.642 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040917.D

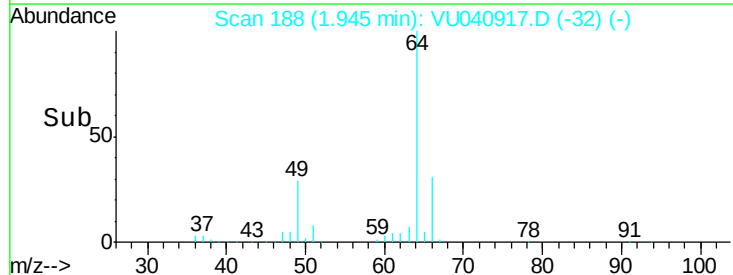
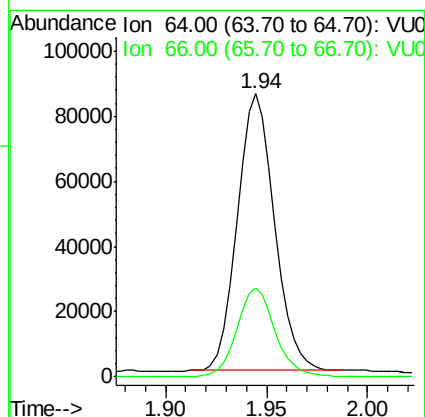
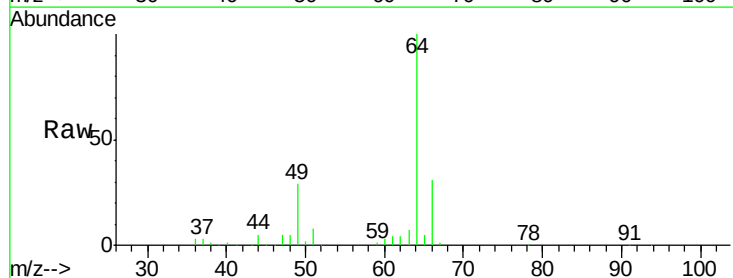
Acq: 22 Oct 2020 21:57

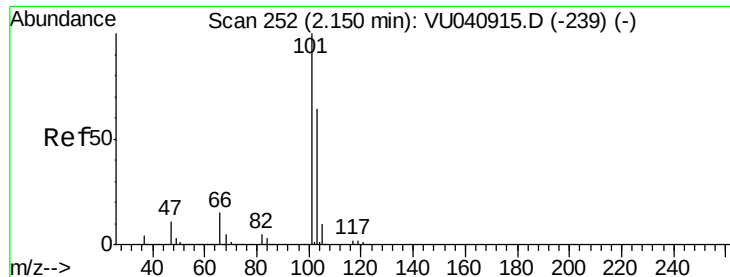
Tgt Ion: 64 Resp: 109659

Ion Ratio Lower Upper

64 100

66 32.0 25.4 38.2





#7

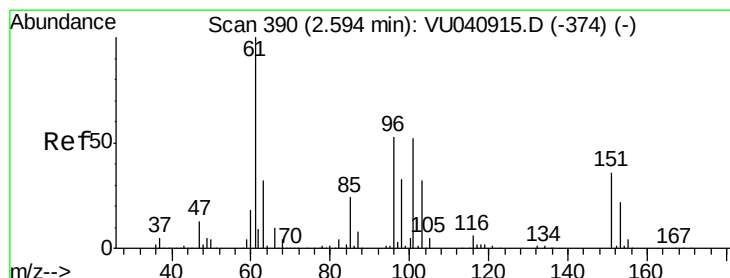
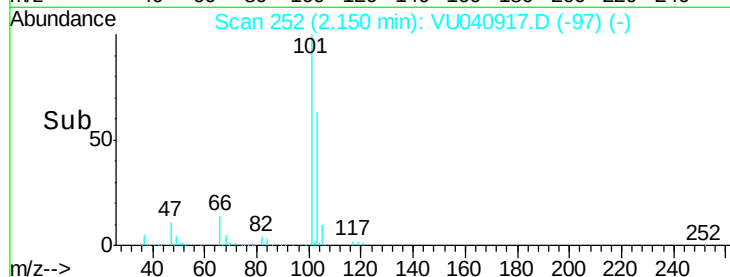
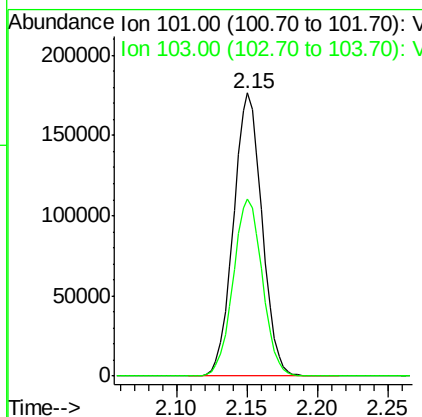
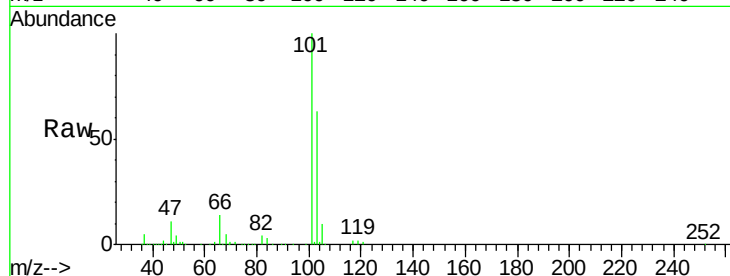
Trichlorofluoromethane
Concen: 7.341 ug/l
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU040917.D
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Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	250549		
103	62.8	51.5	77.3	

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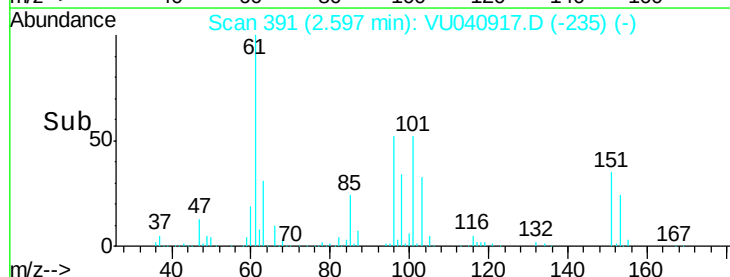
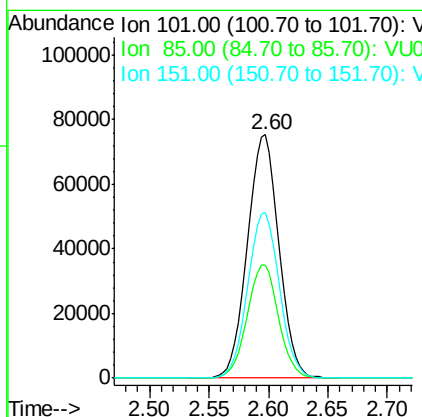
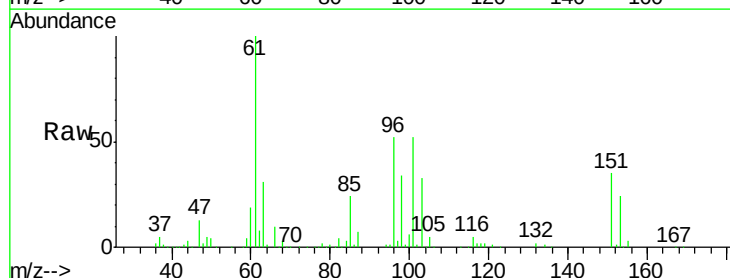
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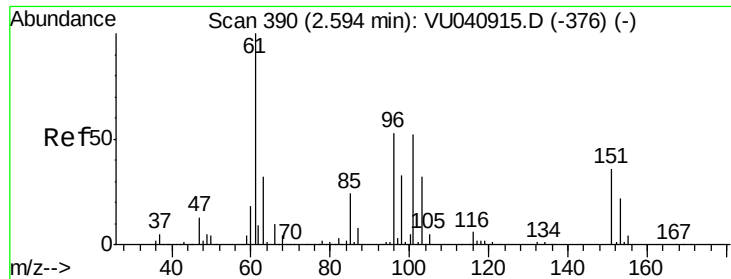


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 7.255 ug/l
RT: 2.60 min Scan# 391
Delta R.T. 0.00 min
Lab File: VU040917.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	137663		
85	46.3	36.2	54.2	
151	68.8	55.1	82.7	





#9

1,1-Dichloroethene

Concen: 7.643 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

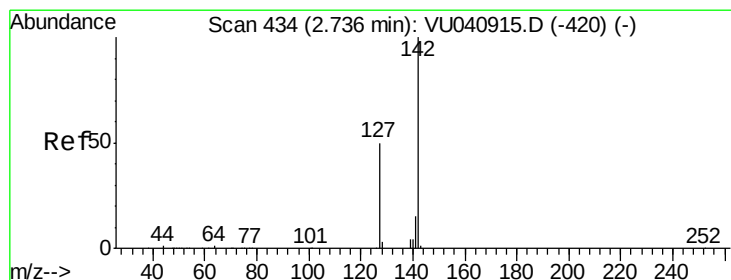
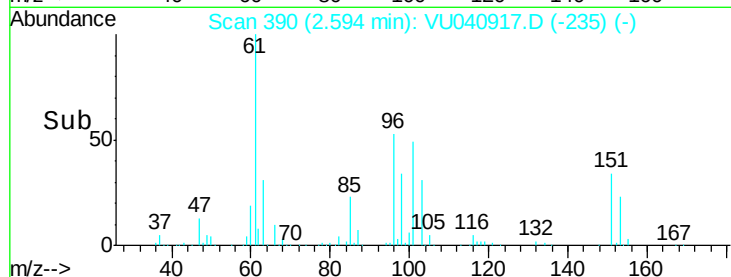
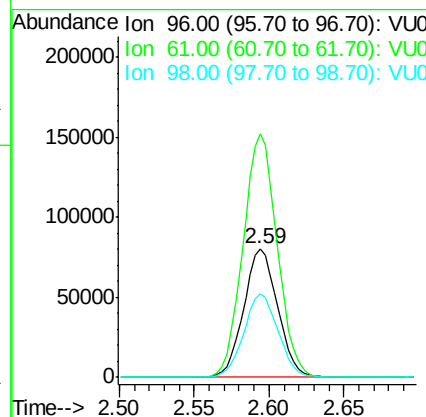
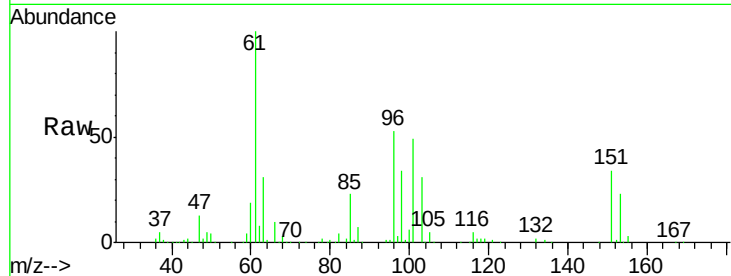
ClientSampleId :

ICVVU102220

Tot Ion:	96	Resp:	126299
Ion Ratio	Lower	Upper	
96	100		
61	189.2	0.0	561.9
98	65.2	0.0	125.0

Manual Integrations
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#10

Iodomethane

Concen: 7.403 ug/l

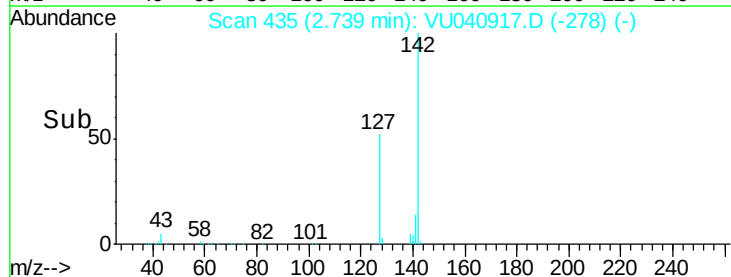
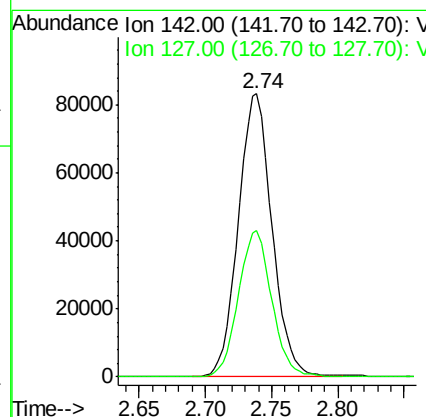
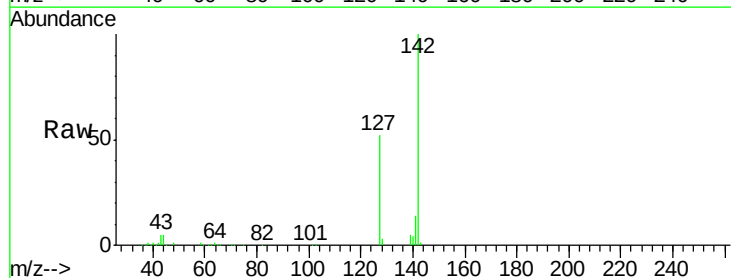
RT: 2.74 min Scan# 435

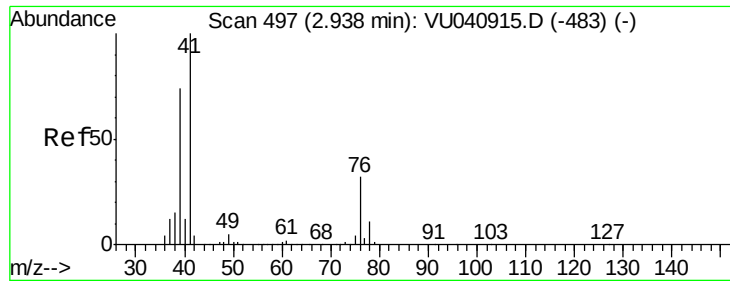
Delta R.T. 0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Tgt Ion:	142	Resp:	146984
Ion Ratio	Lower	Upper	
142	100		
127	51.2	40.6	60.8





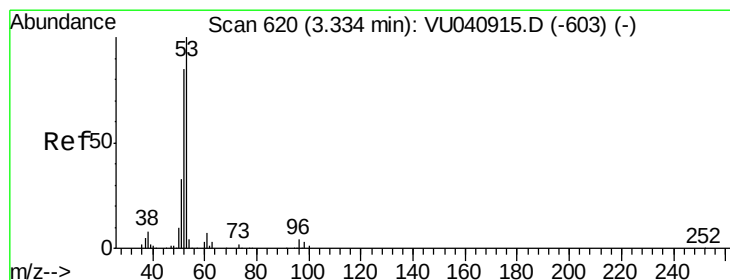
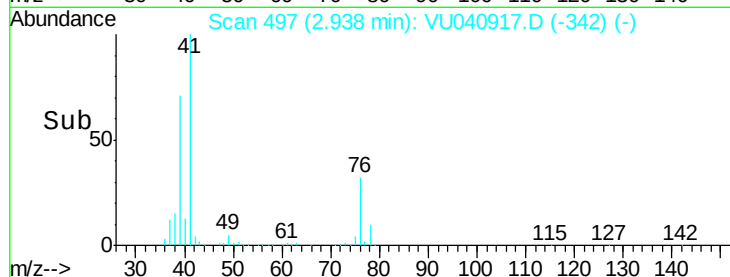
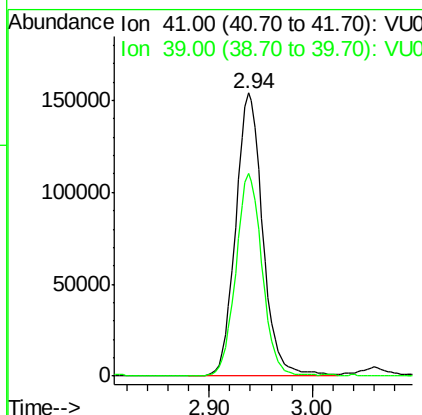
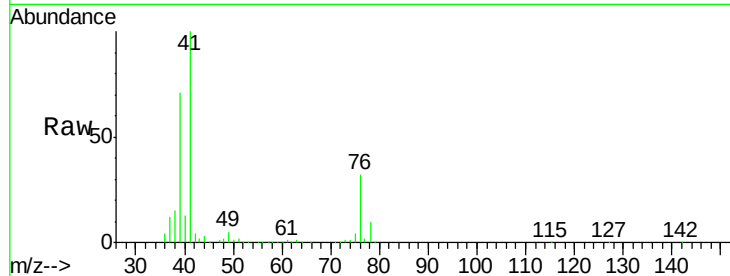
#11
Allvl Chloride
Concen: 8.305 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.9	59.0	88.4

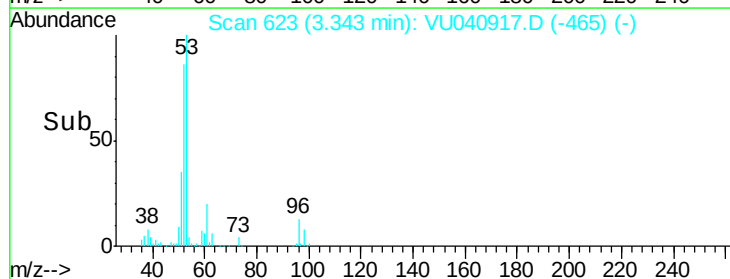
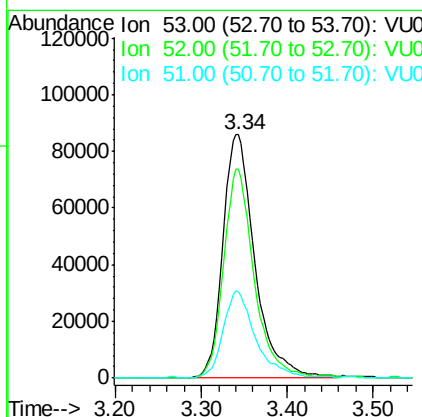
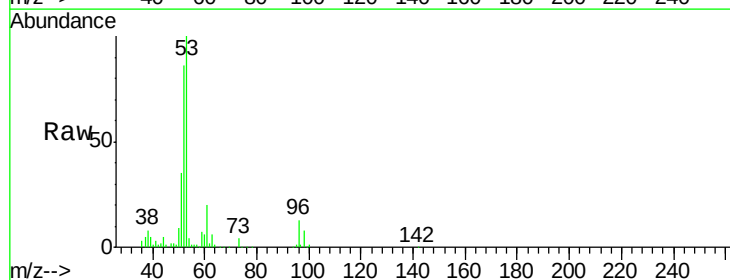
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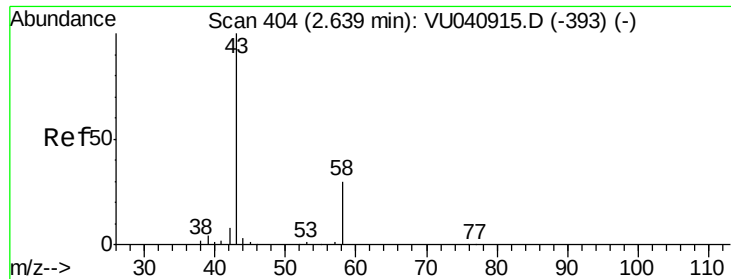
MMDadoda
10/26/2020 4:15:15 PM



#12
Acrylonitrile
Concen: 37.907 ug/l
RT: 3.34 min Scan# 623
Delta R.T. 0.01 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.1	63.1	94.7
51	35.8	30.6	46.0





#13

Acetone

Concen: 40.646 ug/l

RT: 2.66 min Scan# 410

Delta R.T. 0.02 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion: 43 Resp: 198203

Ion Ratio Lower Upper

43 100

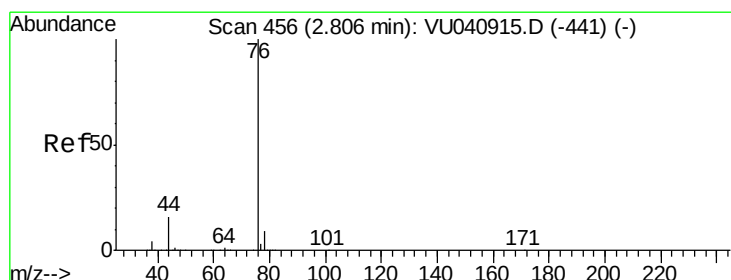
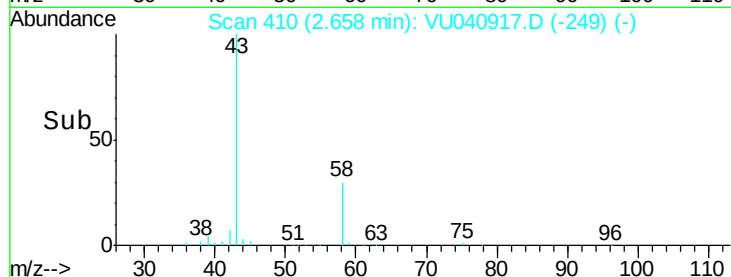
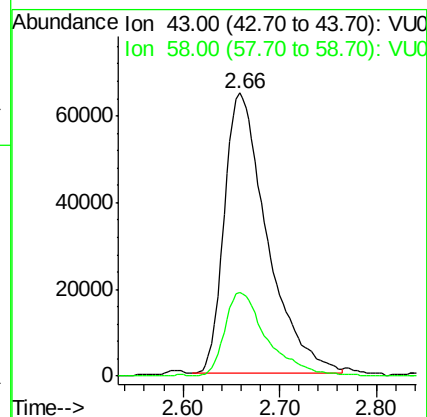
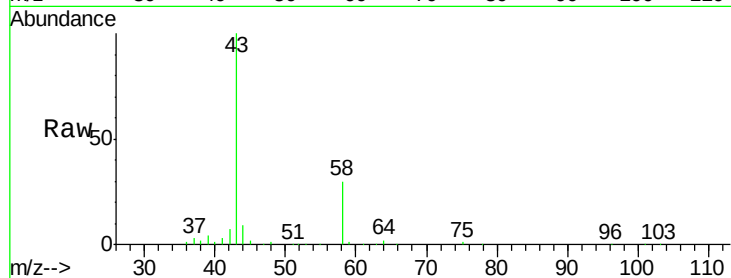
58 30.1 23.6 35.4

Manual Integrations

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#14

Carbon Disulfide

Concen: 6.035 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040917.D

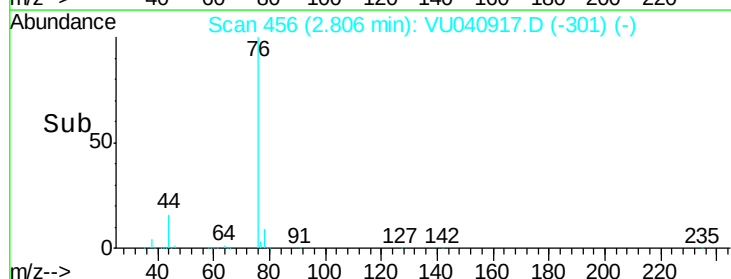
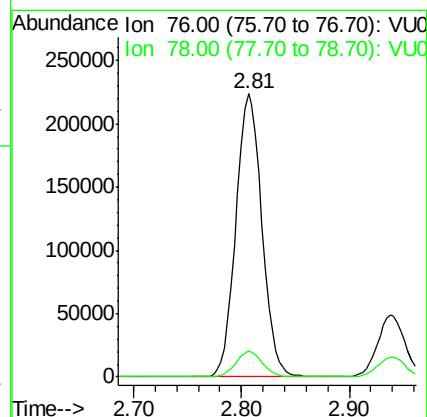
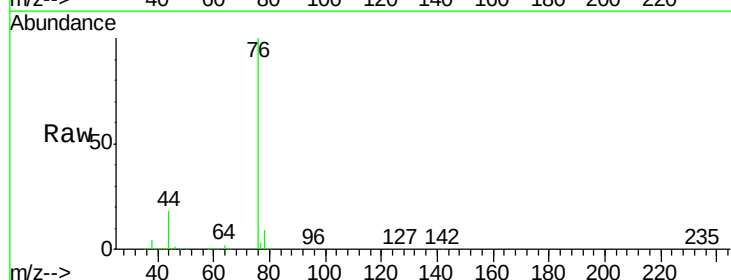
Acq: 22 Oct 2020 21:57

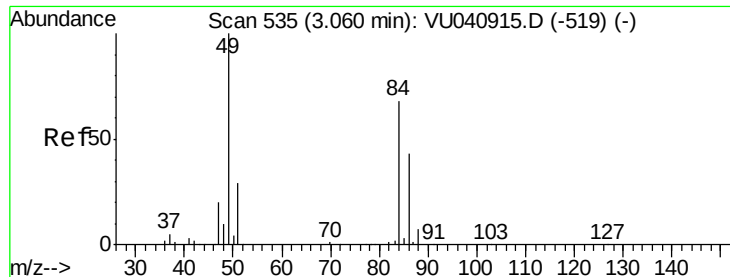
Tgt Ion: 76 Resp: 374785

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





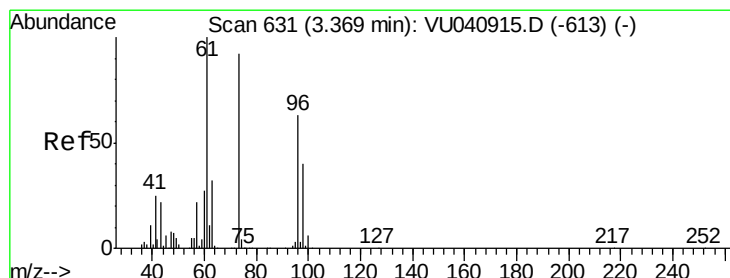
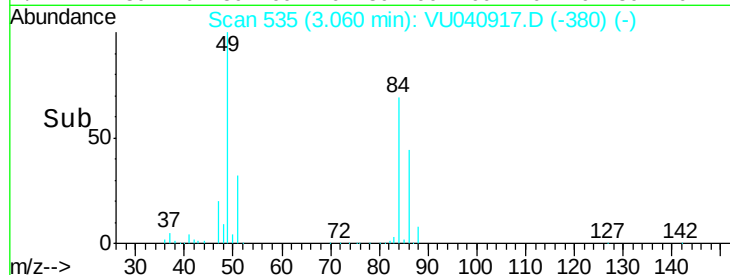
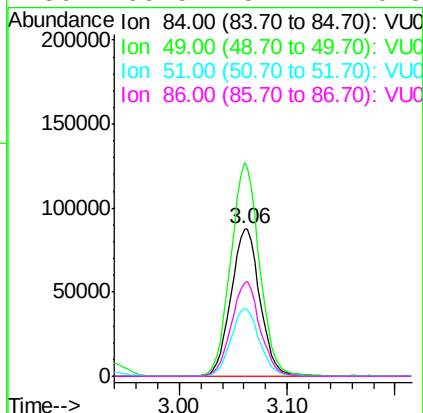
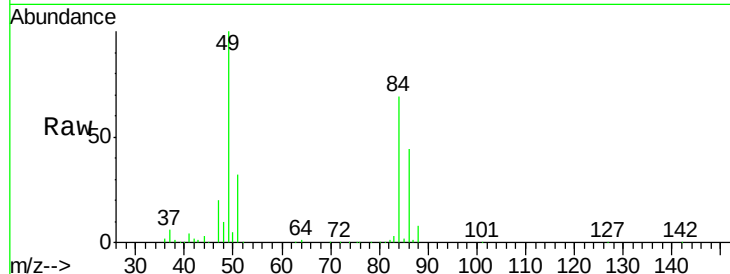
#15
Methvlene Chloride
Concen: 7.649 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion:	84	Resp:	164196
Ion	Ratio	Lower	Upper
84	100		
49	144.5	118.2	177.4
51	45.9	0.0	86.8
86	63.5	51.2	76.8

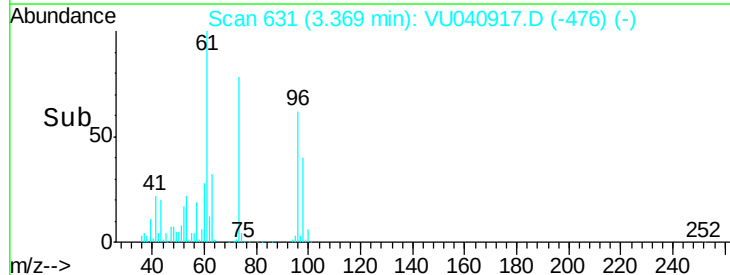
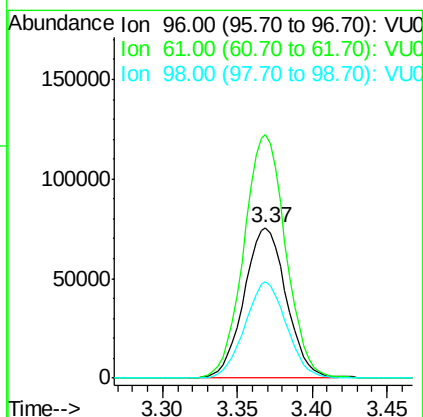
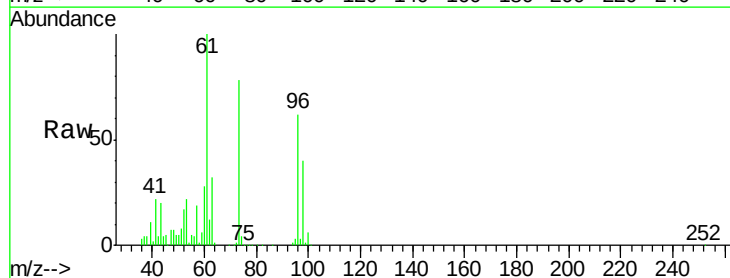
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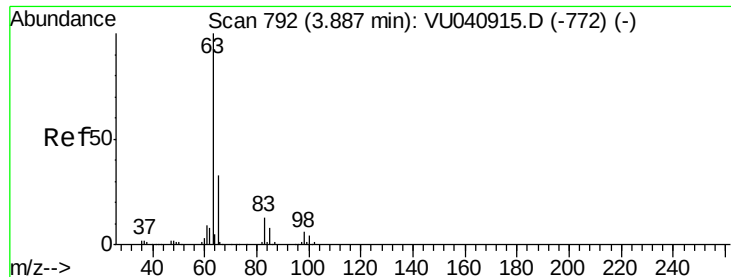
MMDadoda
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#16
trans-1,2-Dichloroethene
Concen: 7.934 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion:	96	Resp:	148403
Ion	Ratio	Lower	Upper
96	100		
61	161.4	127.0	190.4
98	64.1	51.2	76.8





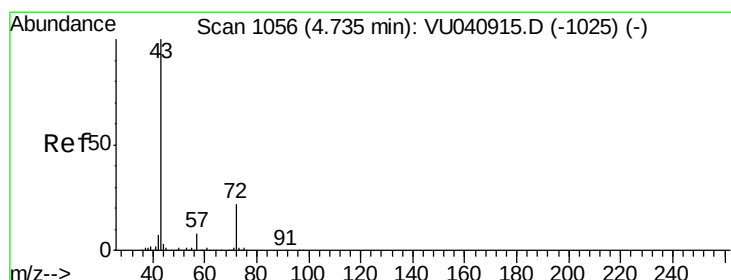
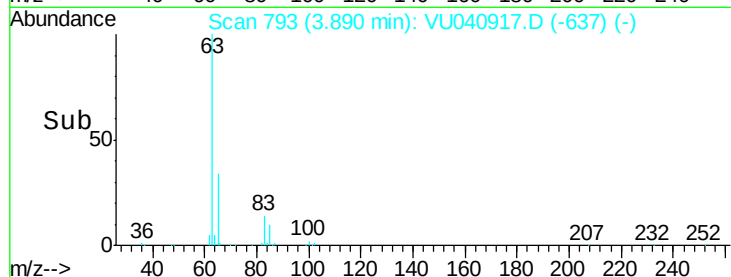
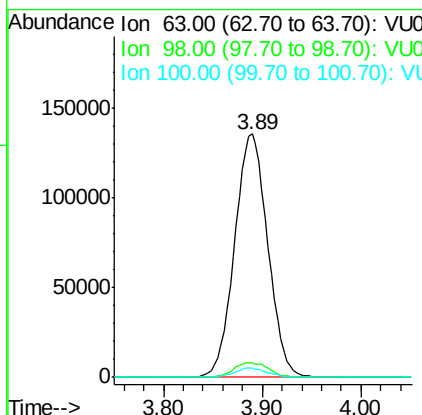
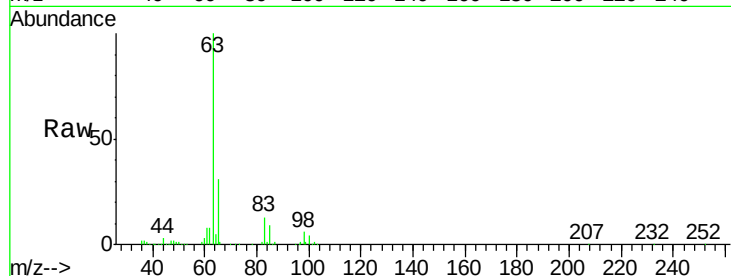
#17
 1,1-Dichloroethane
 Concen: 8.257 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion	Ratio	Resp	Lower	Upper
63	100	315903		
98	5.7		3.0	9.2
100	3.7		1.8	5.5

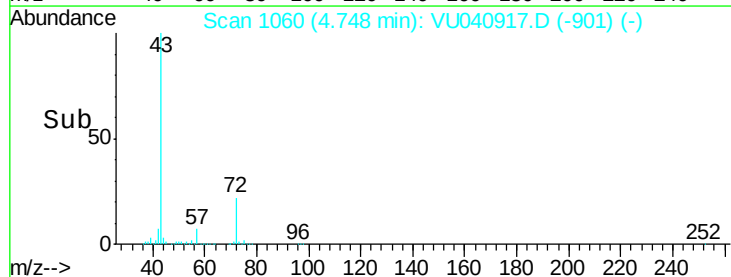
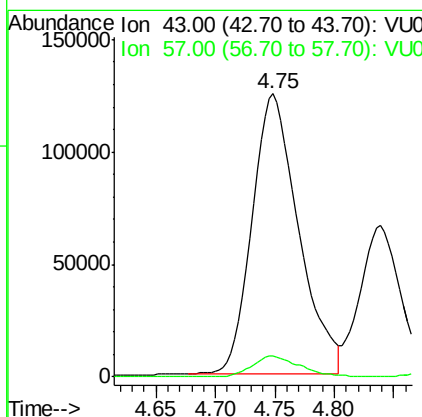
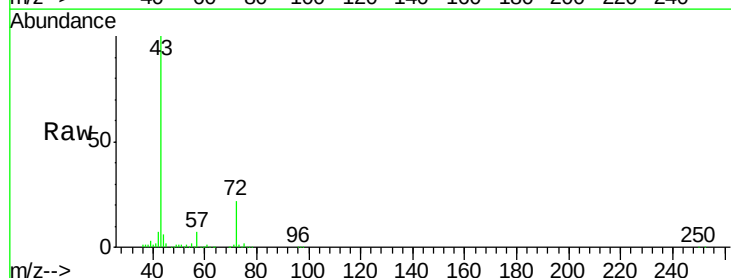
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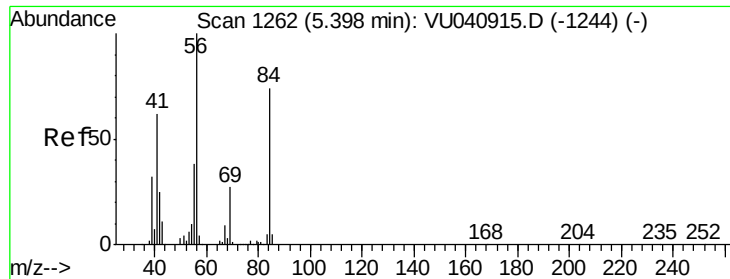
MMDadoda
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#18
 2-Butanone
 Concen: 42.773 ug/l
 RT: 4.75 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	337396		
57	7.4		0.0	15.2





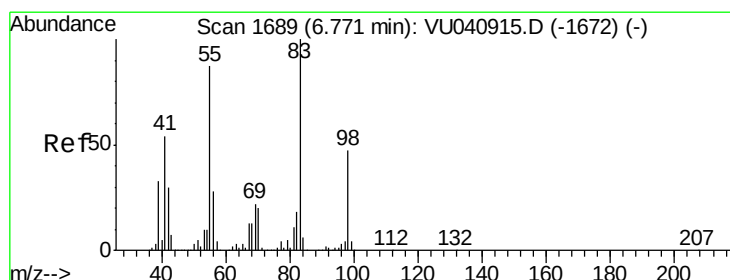
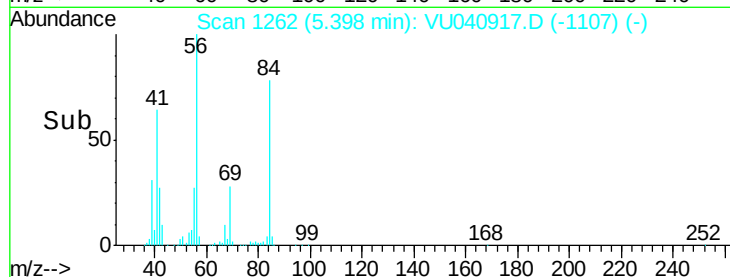
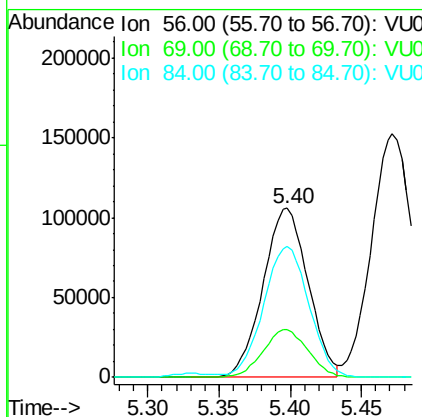
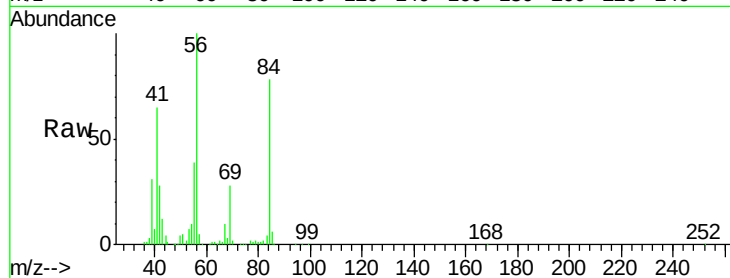
#19
Cyclohexane
Concen: 6.466 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.2	22.2	33.2
84	76.0	60.1	90.1

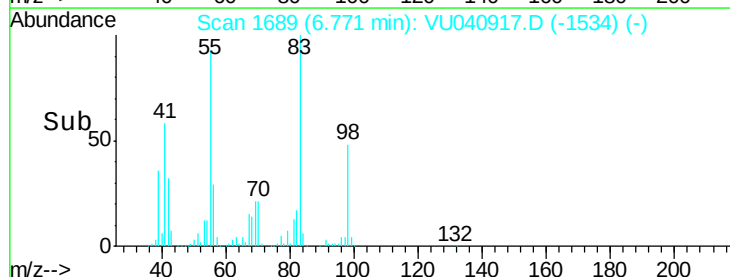
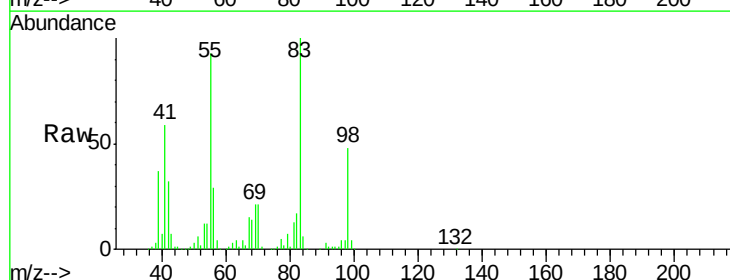
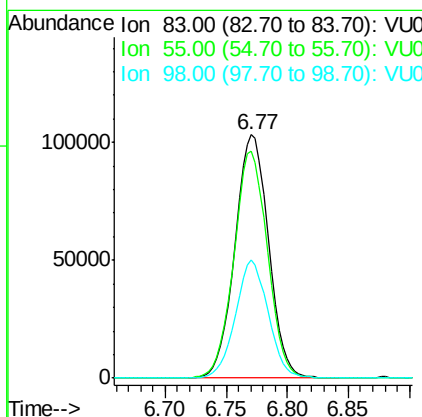
Manual Integrations
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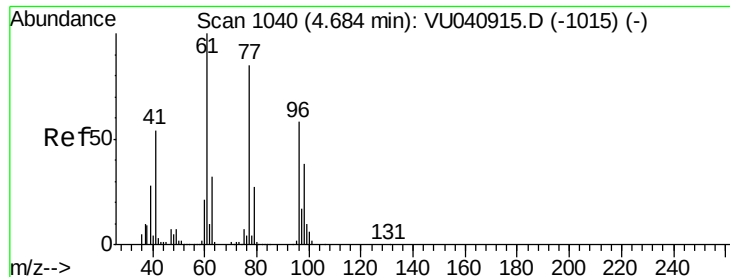
MMDadoda
10/26/2020 4:15:15 PM



#20
Methylcyclohexane
Concen: 7.309 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
83	100		
55	93.0	71.0	106.4
98	47.0	38.1	57.1





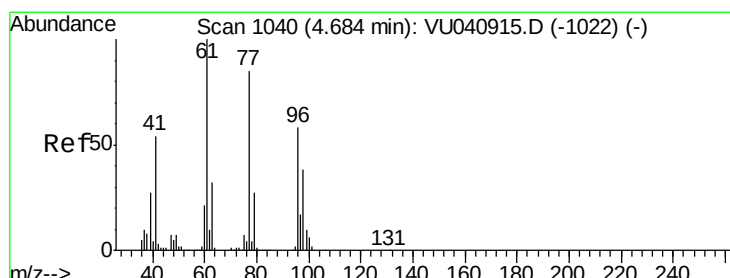
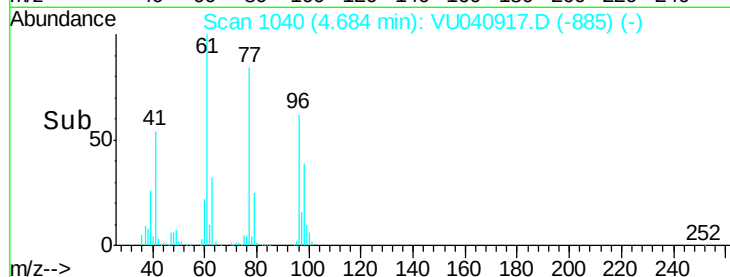
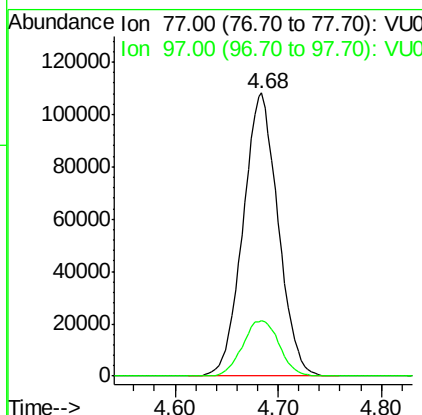
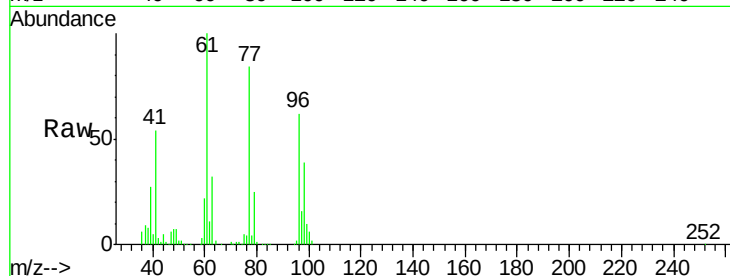
#21
 2,2-Dichloropropane
 Concen: 7.907 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion: 77 Resp: 255408
 Ion Ratio Lower Upper
 77 100
 97 20.7 16.0 24.0

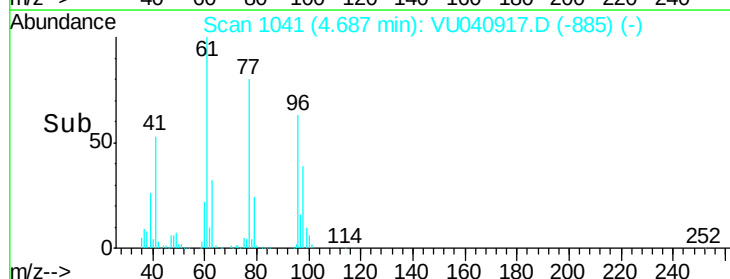
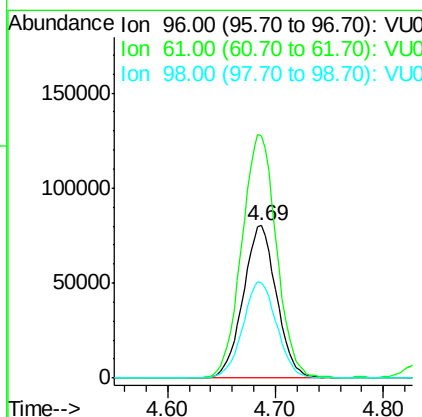
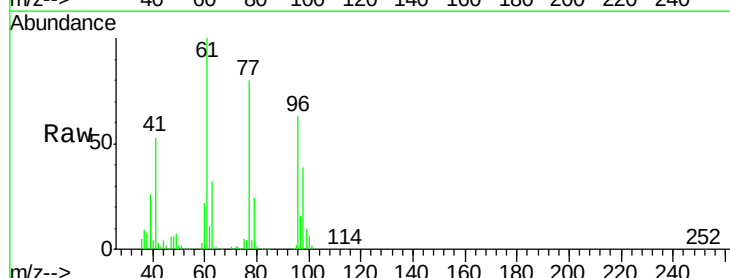
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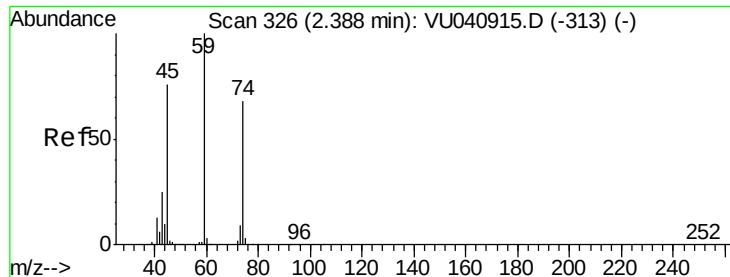
MMDadoda
 10/26/2020 4:15:15 PM



#22
 cis-1,2-Dichloroethene
 Concen: 8.640 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion: 96 Resp: 172434
 Ion Ratio Lower Upper
 96 100
 61 165.8 0.0 434.5
 98 64.1 32.6 97.8





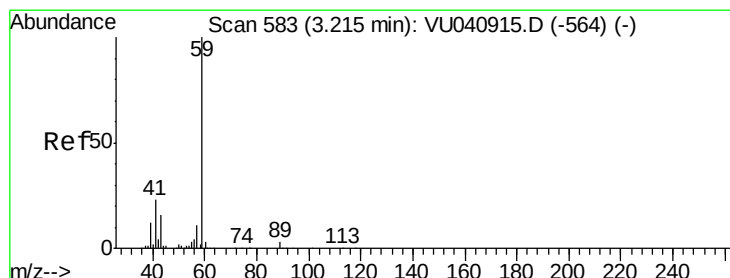
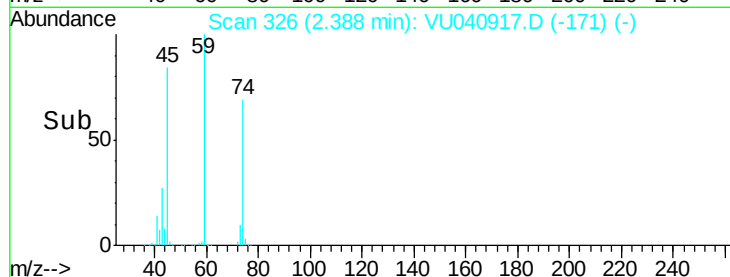
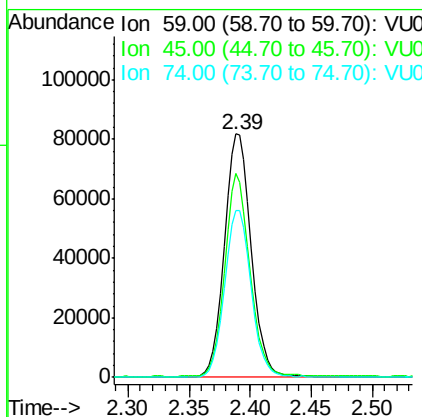
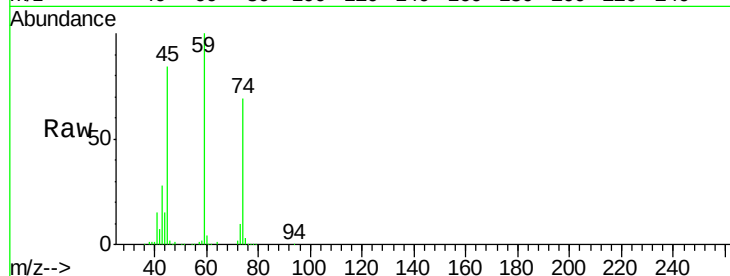
#23
Diethyl Ether
Concen: 7.735 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion	Ratio	Lower	Upper
59	100		
45	78.4	61.4	92.2
74	68.1	55.0	82.4

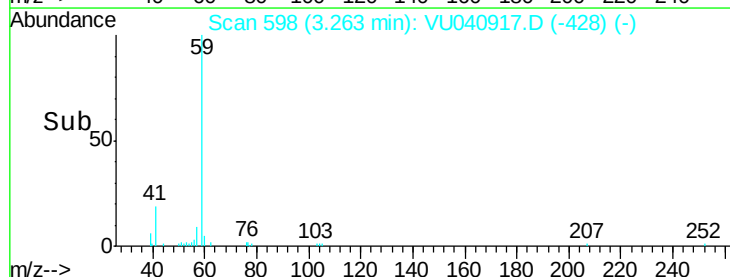
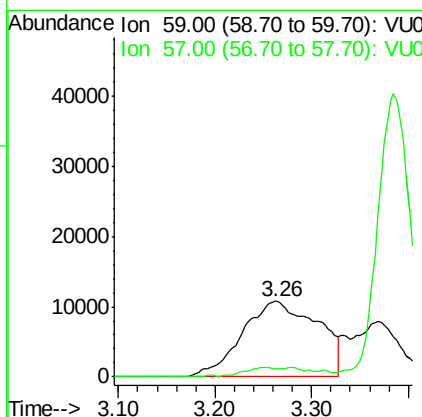
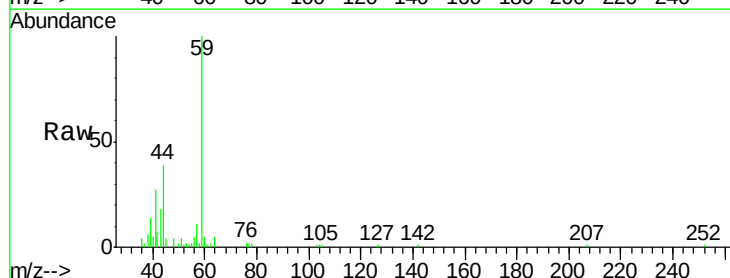
Manual Integrations
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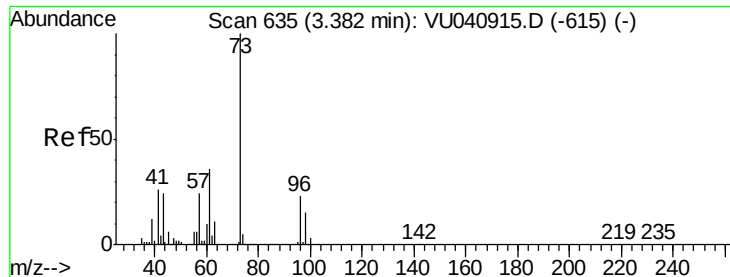
MMDadoda
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#24
tert-Butyl Alcohol
Concen: 32.320 ug/l
RT: 3.26 min Scan# 598
Delta R.T. 0.05 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
59	100		
57	5.1	8.4	12.6#





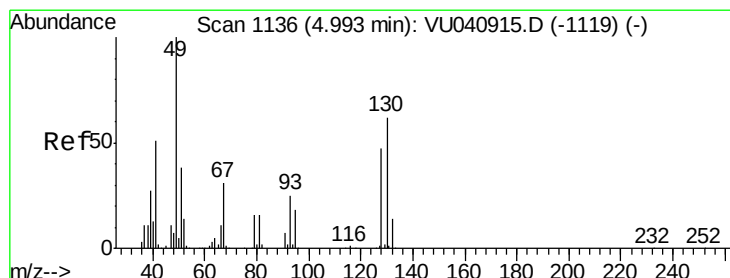
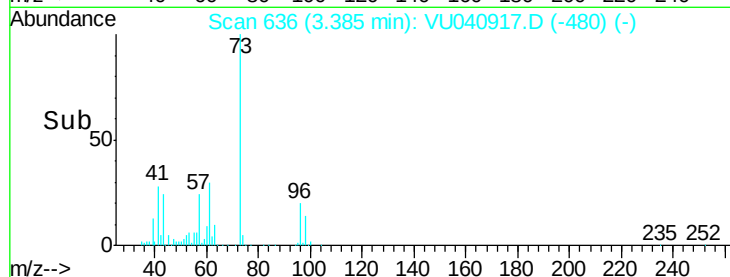
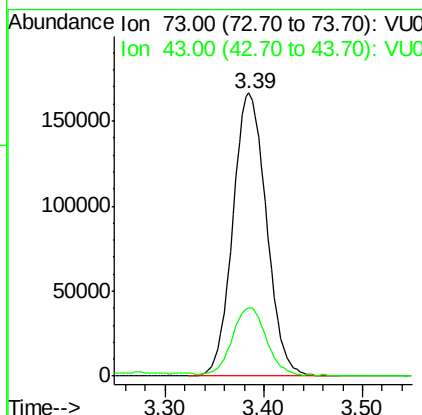
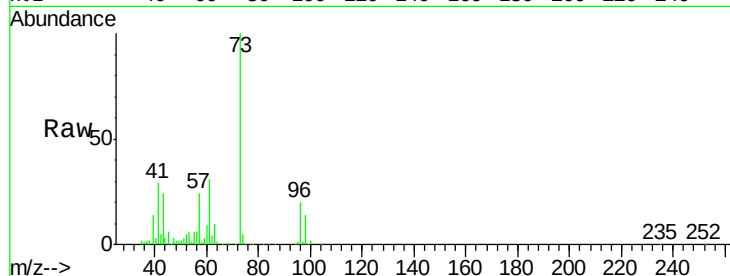
#25
Methyl tert-Butyl Ether
Concen: 7.680 ug/l
RT: 3.39 min Scan# 636
Delta R.T. 0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion	Ratio	Lower	Upper
73	100		
43	23.9	19.0	28.6

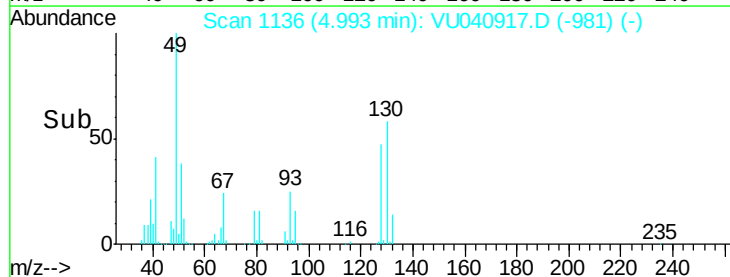
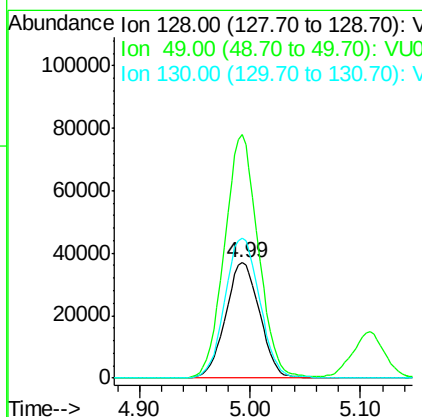
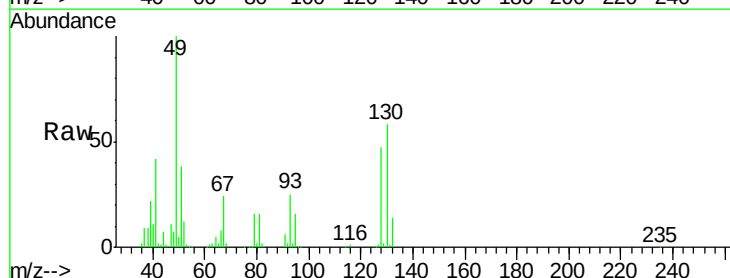
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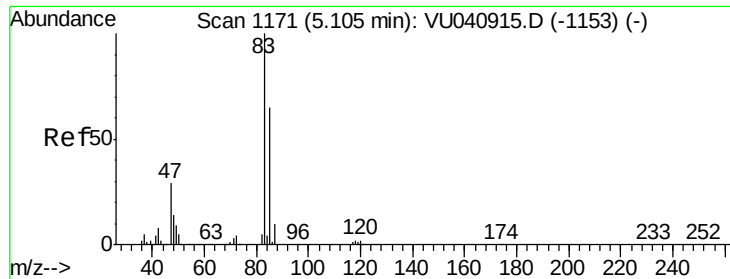
MMDadoda
10/26/2020 4:15:15 PM



#26
Bromochloromethane
Concen: 9.143 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
128	100		
49	208.8	0.0	426.4
130	124.2	106.2	159.4





#27

Chloroform

Concen: 8.654 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion: 83 Resp: 316406

Ion Ratio Lower Upper

83 100

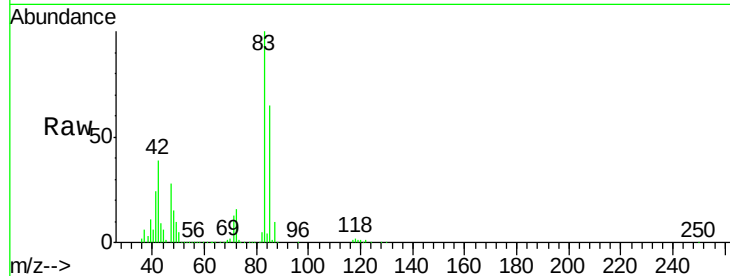
85 64.7 0.0 129.0

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Abundance Ion 83.00 (82.70 to 83.70): VU040917.D (-1016) (-)

Ion 85.00 (84.70 to 85.70): VU040917.D (-1016) (-)

5.11

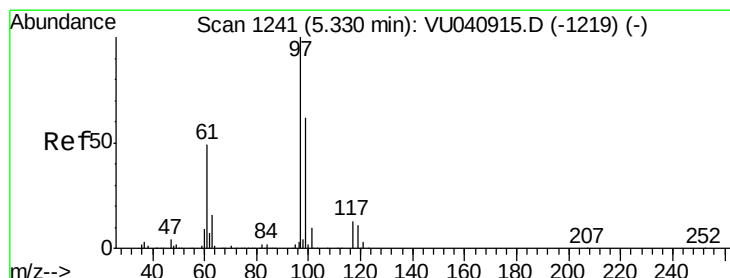
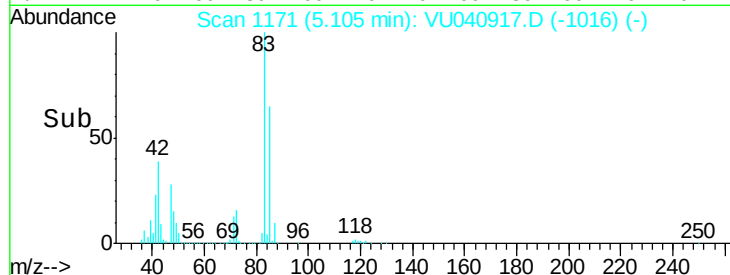
150000

100000

50000

0

Time-->



#28

1,1,1-Trichloroethane

Concen: 8.247 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

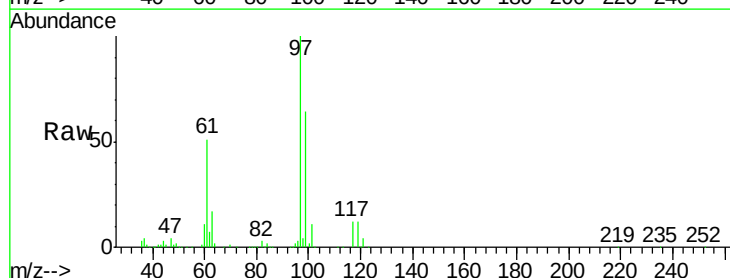
Tgt Ion: 97 Resp: 259975

Ion Ratio Lower Upper

97 100

99 64.0 31.4 94.3

61 50.4 24.7 74.1



Abundance Ion 97.00 (96.70 to 97.70): VU040917.D (-1086) (-)

Ion 99.00 (98.70 to 99.70): VU040917.D (-1086) (-)

Ion 61.00 (60.70 to 61.70): VU040917.D (-1086) (-)

5.33

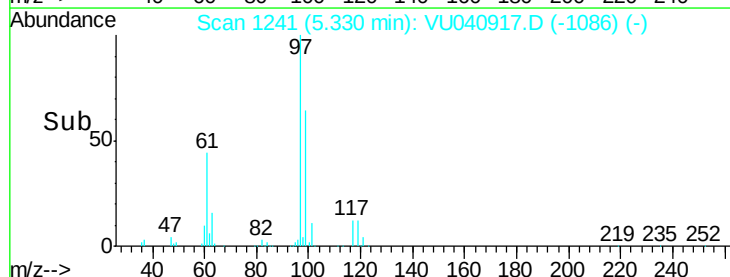
150000

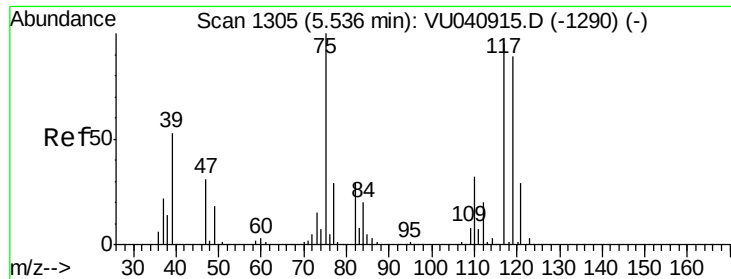
100000

50000

0

Time-->





#29

1,1-Dichloropropene

Concen: 8.085 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion: 75 Resp: 223298

Ion Ratio Lower Upper

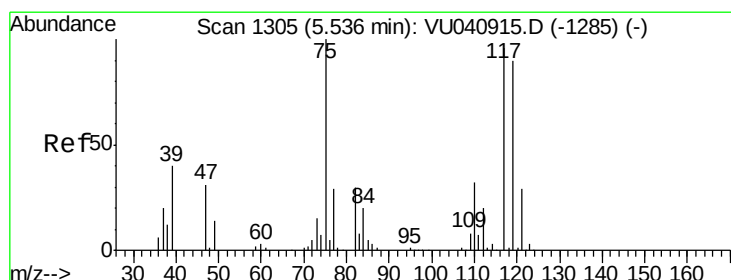
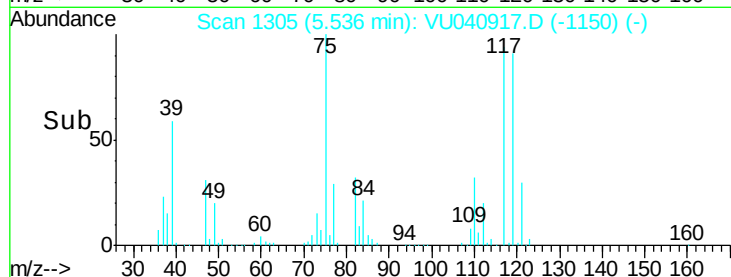
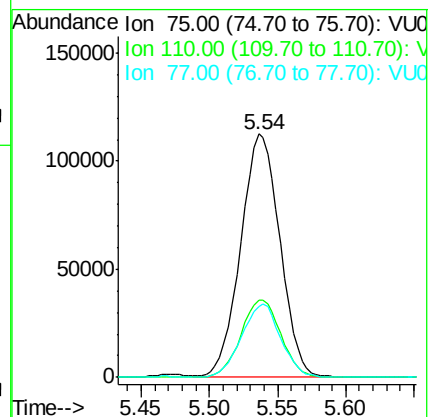
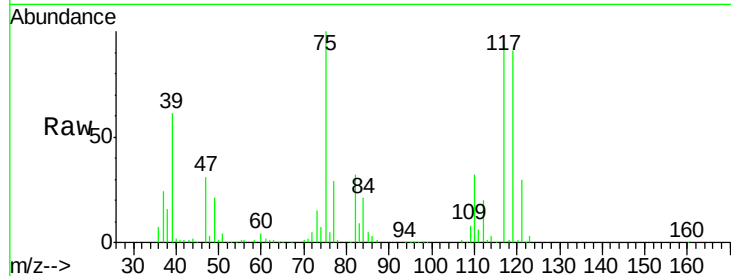
75 100

110 32.5 15.9 47.6

77 29.9 24.2 36.2

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#30

Carbon Tetrachloride

Concen: 8.229 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

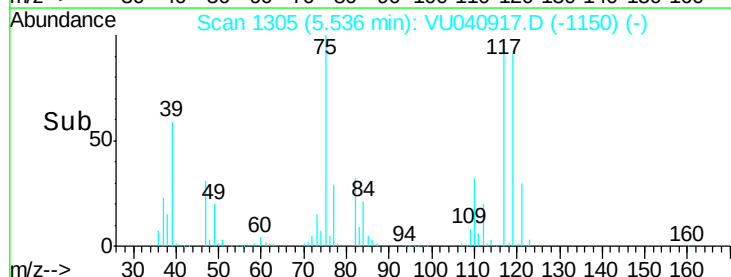
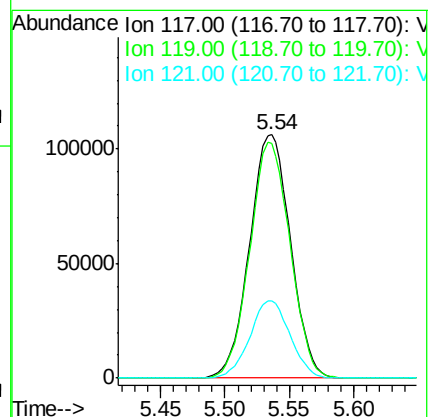
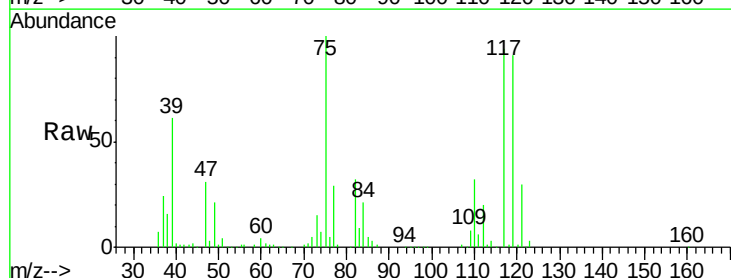
Tgt Ion: 117 Resp: 234787

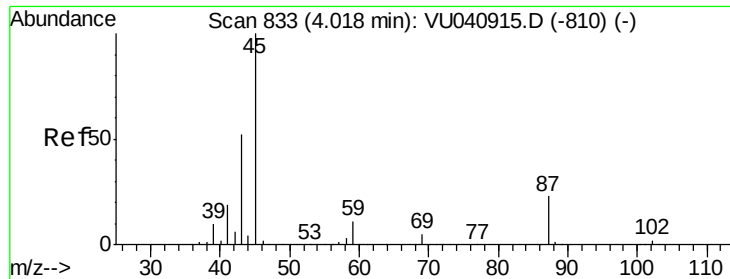
Ion Ratio Lower Upper

117 100

119 96.2 74.9 112.3

121 31.6 24.1 36.1





#31

Isopropyl Ether

Concen: 9.077 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion: 45 Resp: 536994

Ion Ratio Lower Upper

45 100

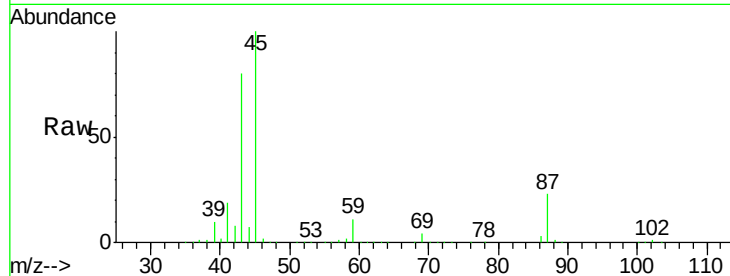
43 354.9 26.8 80.3#

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Abundance Ion 45.00 (44.70 to 45.70): VU040917.D (-678) (-)

Ion 43.00 (42.70 to 43.70): VU040917.D (-678) (-)

800000

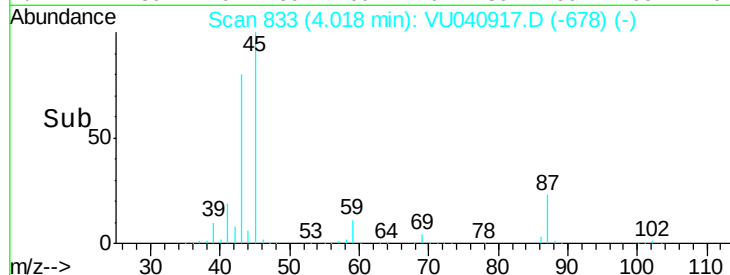
600000

400000

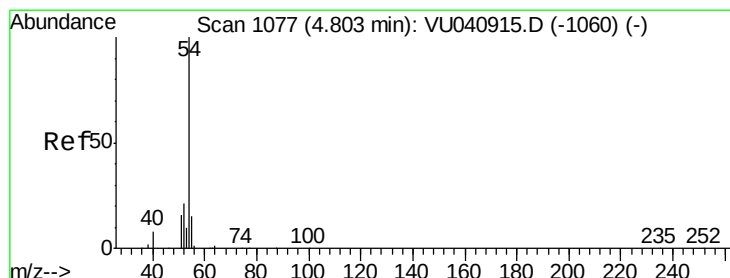
200000

0

Time-->



Time-->



#34

Propionitrile

Concen: 79.487 ug/l

RT: 4.83 min Scan# 1084

Delta R.T. 0.02 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Tgt Ion: 54 Resp: 172154

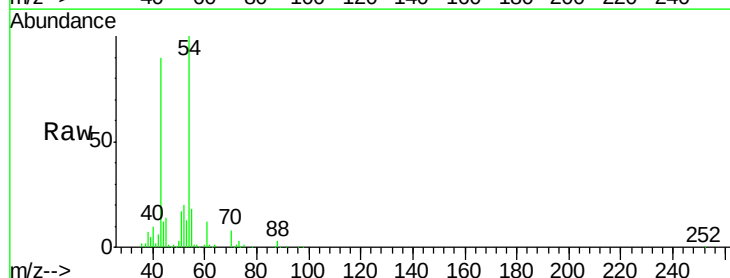
Ion Ratio Lower Upper

54 100

52 20.9 15.5 23.3

55 87.7 12.5 18.7#

40 8.8 6.0 9.0



Abundance Ion 54.00 (53.70 to 54.70): VU040917.D (-922) (-)

Ion 52.00 (51.70 to 52.70): VU040917.D (-922) (-)

Ion 55.00 (54.70 to 55.70): VU040917.D (-922) (-)

Ion 40.00 (39.70 to 40.70): VU040917.D (-922) (-)

80000

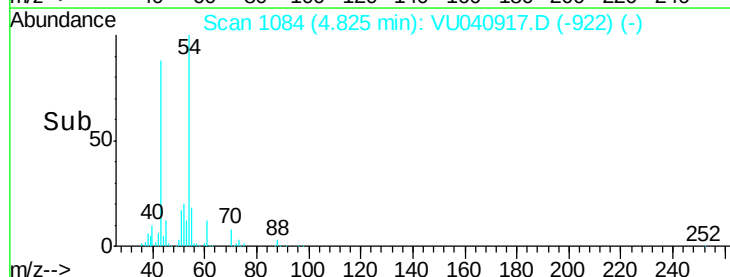
60000

40000

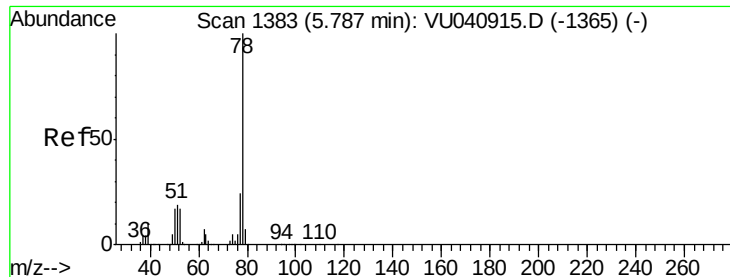
20000

0

Time-->



Time-->



#35

Benzene

Concen: 8.620 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion: 78 Resp: 659966

Ion Ratio Lower Upper

78 100

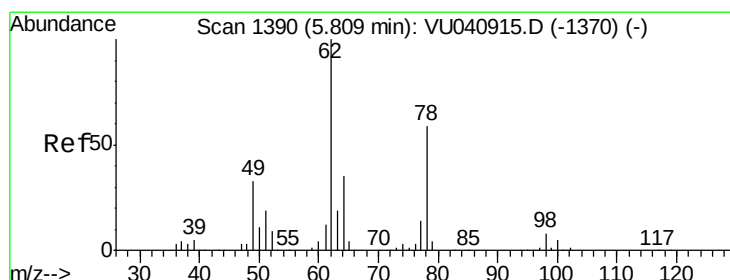
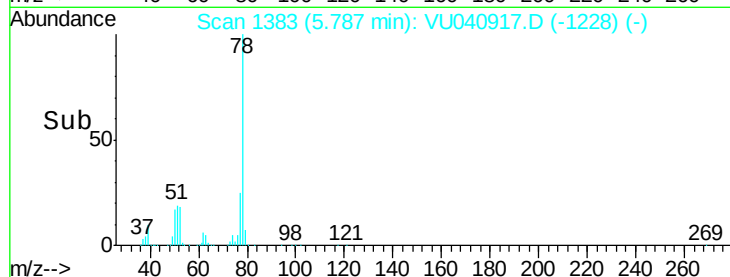
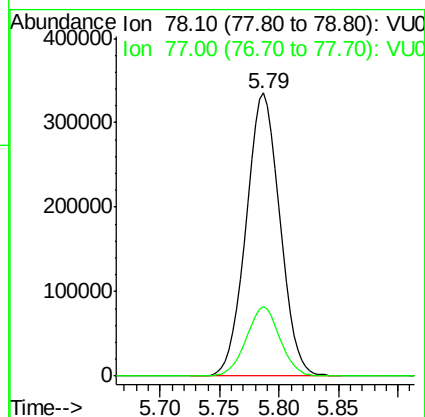
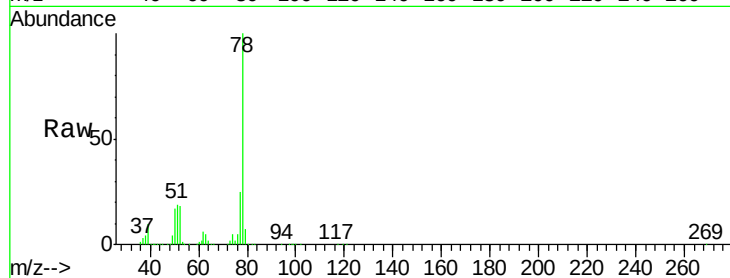
77 24.6 19.4 29.2

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#36

1,2-Dichloroethane

Concen: 8.508 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040917.D

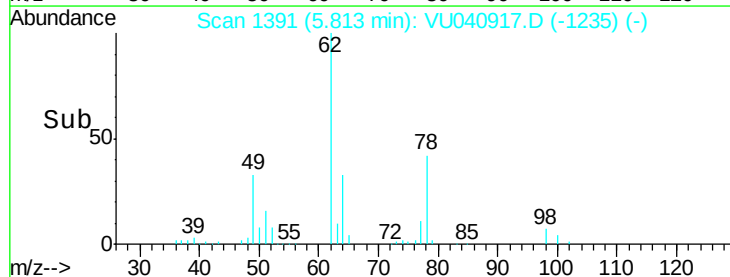
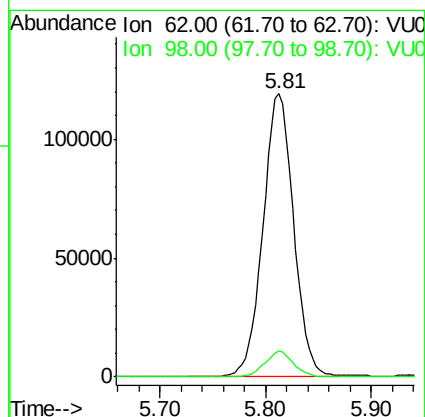
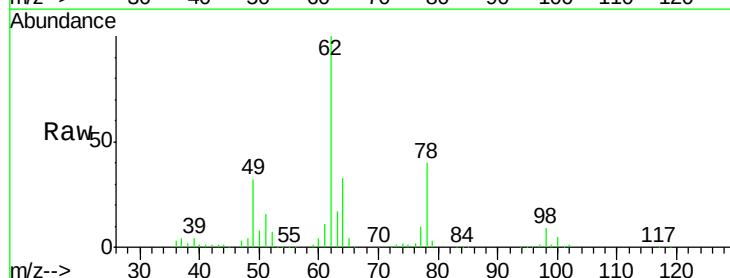
Acq: 22 Oct 2020 21:57

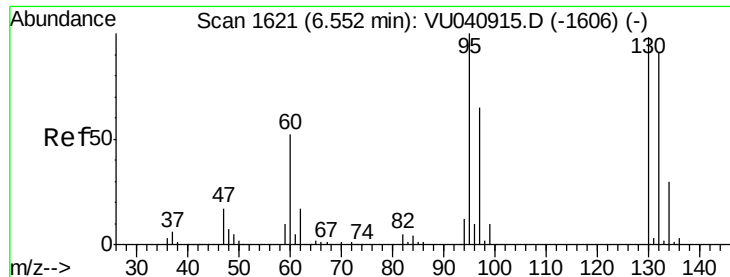
Tgt Ion: 62 Resp: 241452

Ion Ratio Lower Upper

62 100

98 8.6 6.7 10.1





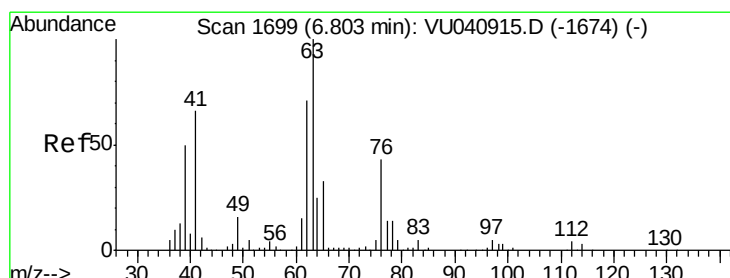
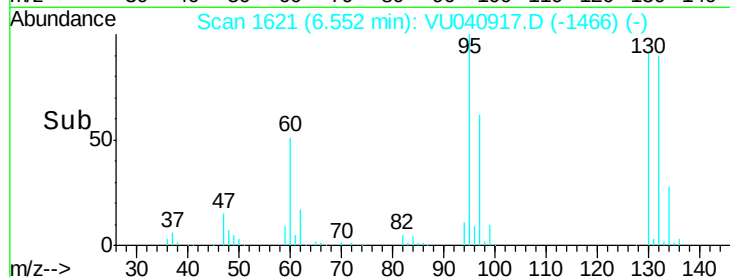
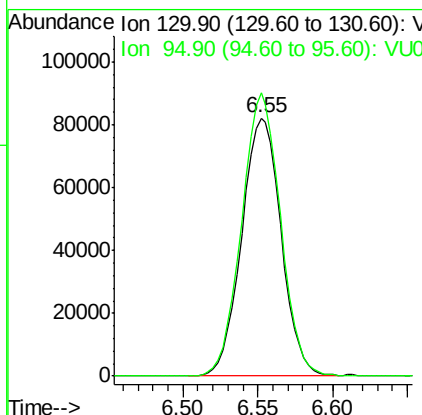
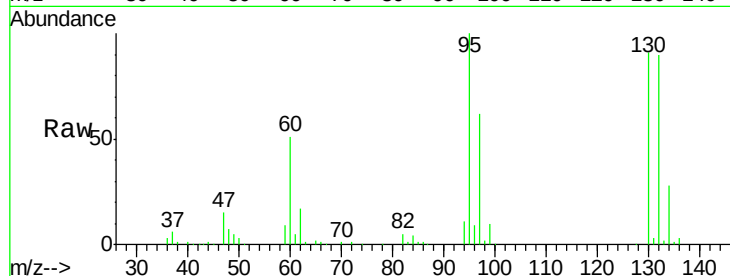
#37
 Trichloroethene
 Concen: 8.345 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion	Ion	Ratio	Resp	Lower	Upper
130	100		151014		
95	109.7	81.9	122.9		

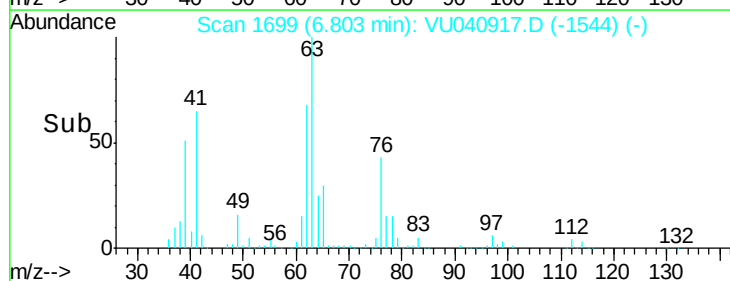
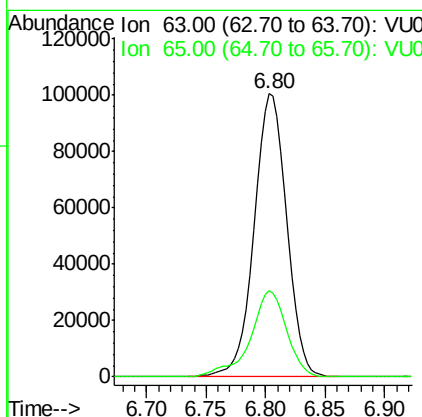
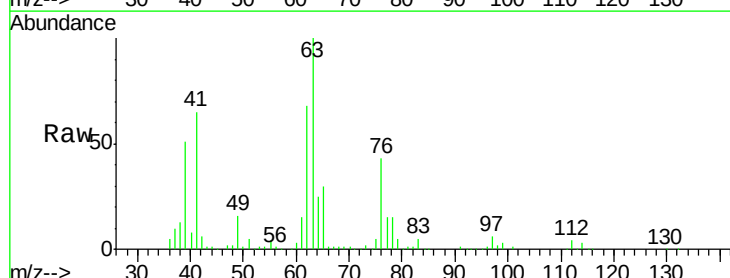
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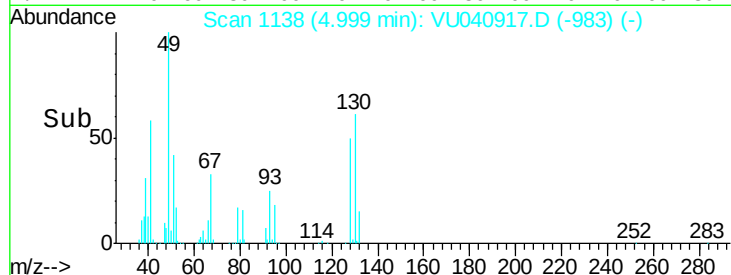
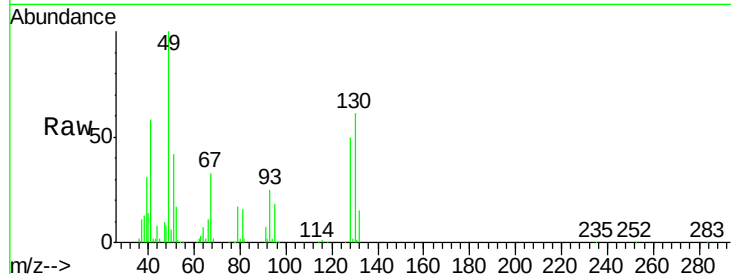
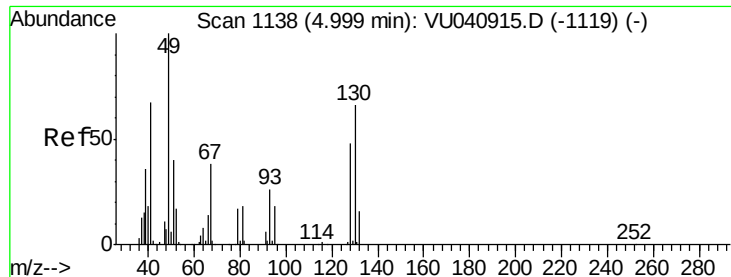
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#38
 1,2-Dichloropropane
 Concen: 8.787 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
63	100		190851		
65	30.3	26.2	39.2		





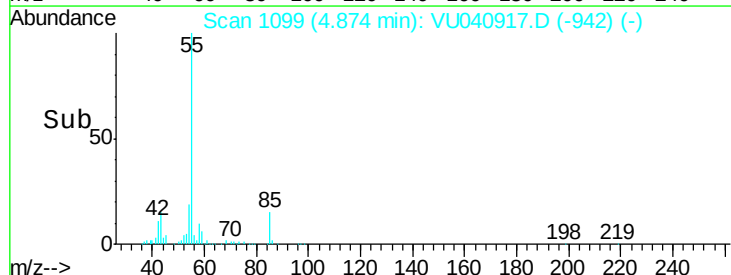
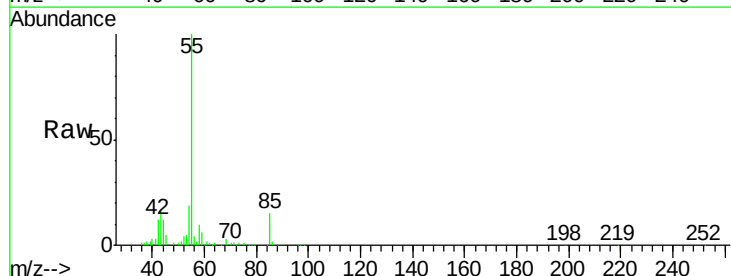
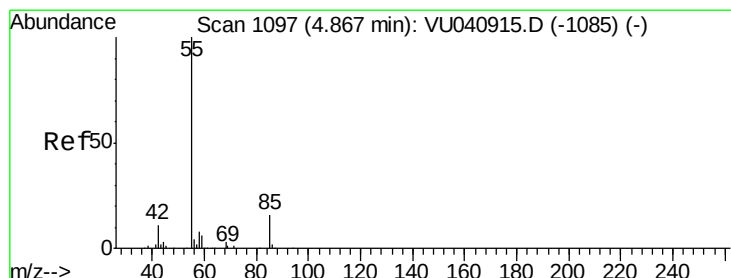
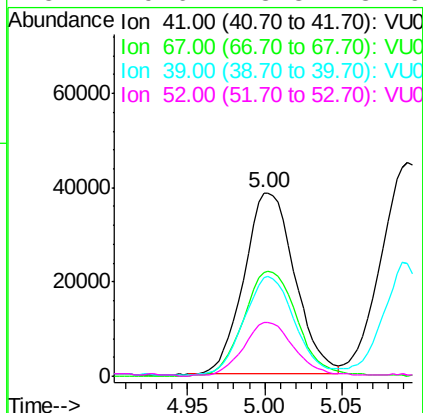
#39
Methacrylonitrile
Concen: 8.677 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tot Ion	41	Resp	88104
Ion	Ratio	Lower	Upper
41	100		
67	61.0	48.7	73.1
39	53.5	44.6	67.0
52	29.6	23.3	34.9

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

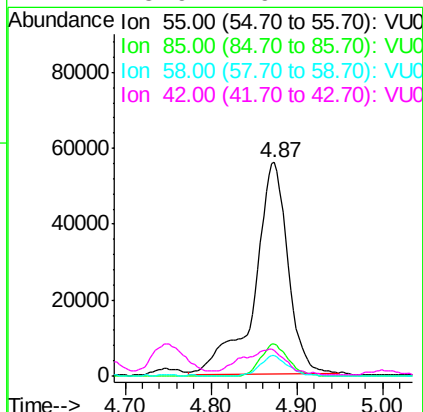
Manual Integrations
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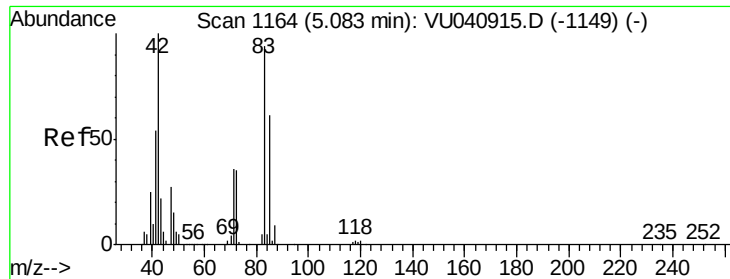
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#40
Methyl acrylate
Concen: 10.841 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	55	Resp	150931
Ion	Ratio	Lower	Upper
55	100		
85	12.6	12.2	18.2
58	8.0	6.8	10.2
42	15.9	9.4	14.2#





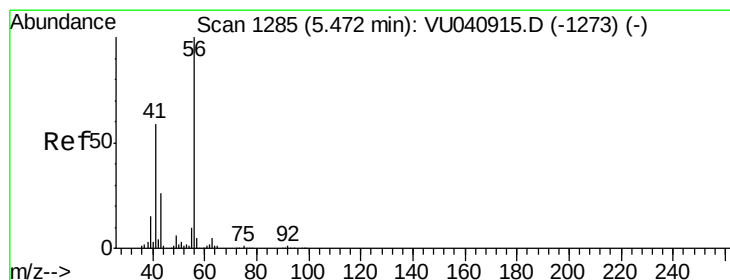
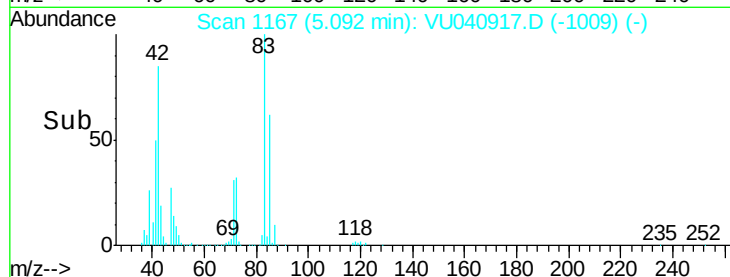
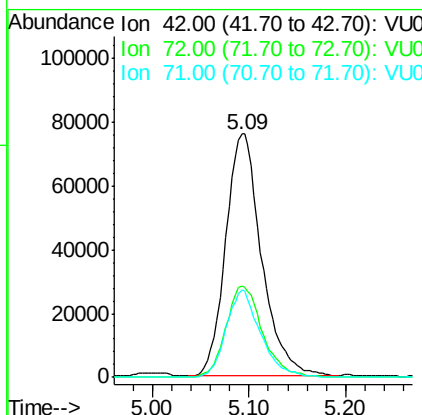
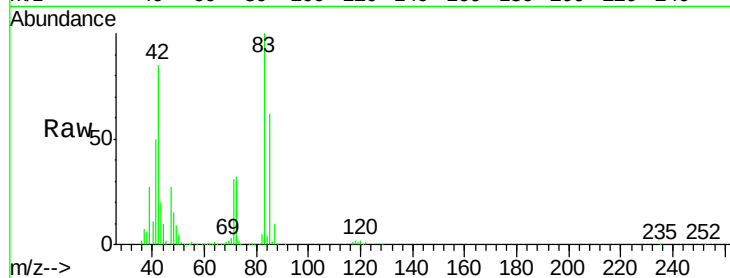
#41
Tetrahydrofuran
Concen: 37.502 ug/l
RT: 5.09 min Scan# 1167
Delta R.T. 0.01 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion	Ratio	Resp	Lower	Upper
42	100	195868		
72	38.4		30.1	45.1
71	34.5		27.9	41.9

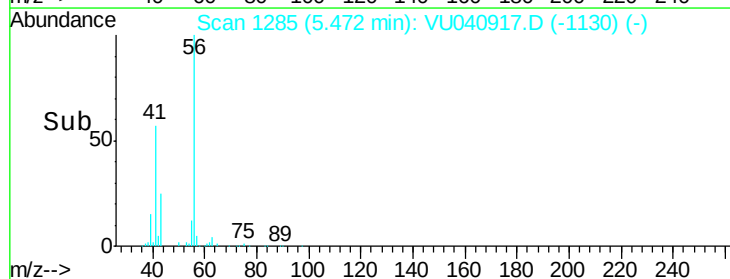
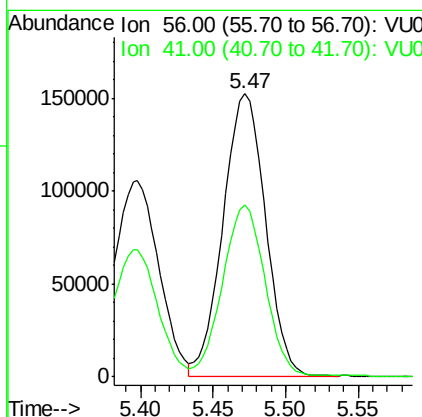
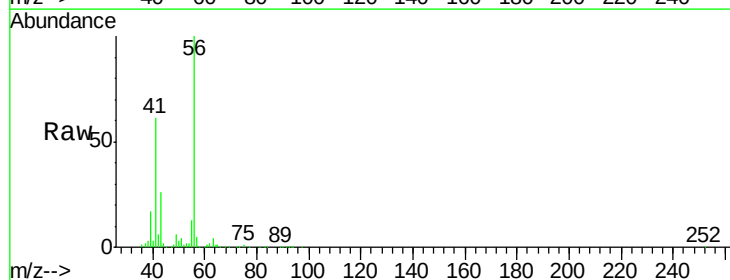
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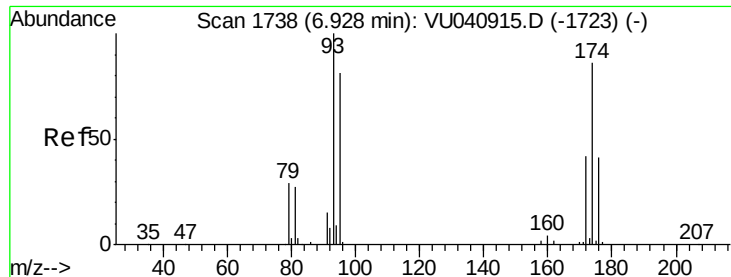
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10/26/2020 4:15:15 PM



#42
1-Chlorobutane
Concen: 7.372 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
56	100	307788		
41	59.8		29.6	88.8





#43

Dibromomethane

Concen: 8.422 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

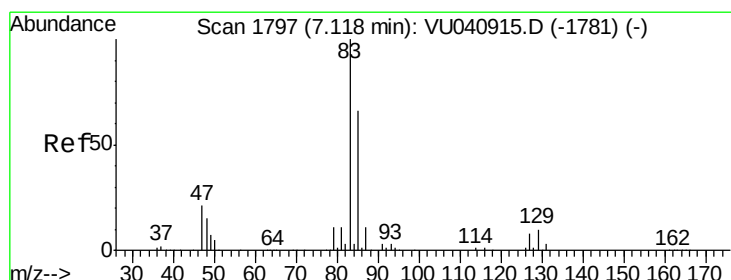
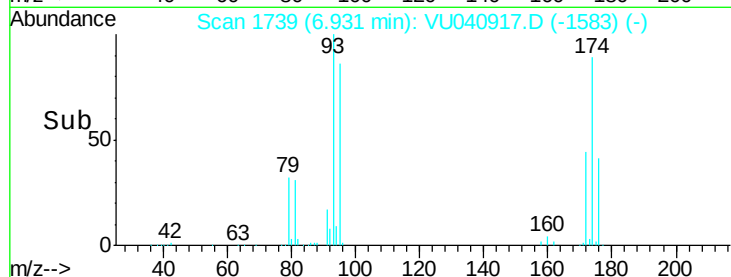
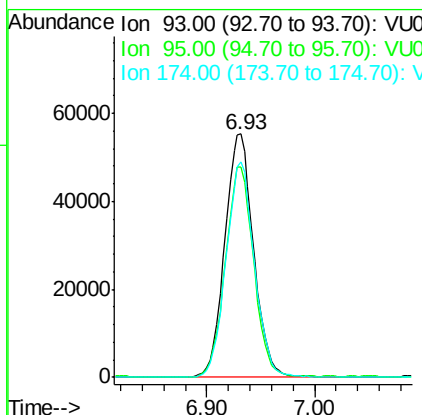
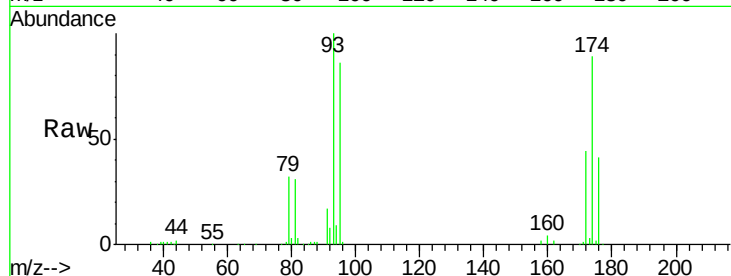
ClientSampleId :

ICVVU102220

Tot Ion:	93	Resp:	102511
Ion	Ratio	Lower	Upper
93	100		
95	84.6	66.3	99.5
174	87.1	70.4	105.6

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#44

Bromodichloromethane

Concen: 9.100 ug/l

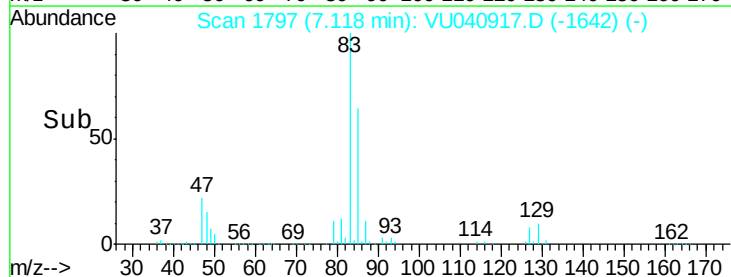
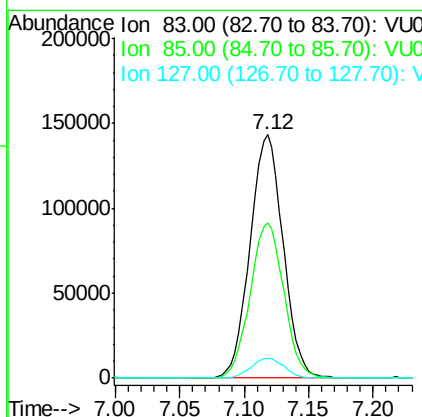
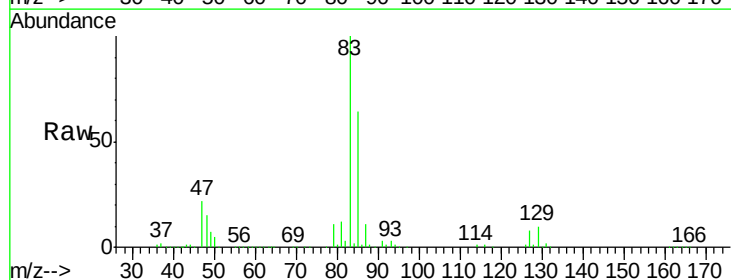
RT: 7.12 min Scan# 1797

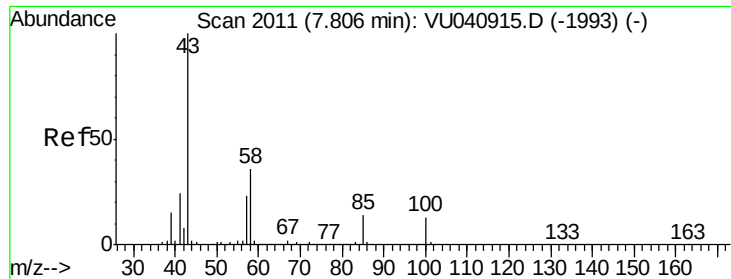
Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Tgt Ion:	83	Resp:	257188
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.6	78.8
127	8.1	6.4	9.6





#45

4-Methyl-2-Pentanone

Concen: 49.011 ug/l

RT: 7.81 min Scan# 2012

Delta R.T. 0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

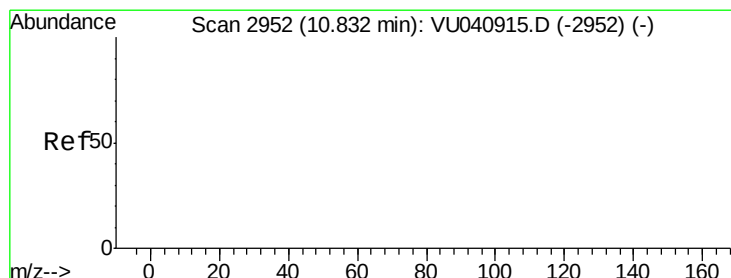
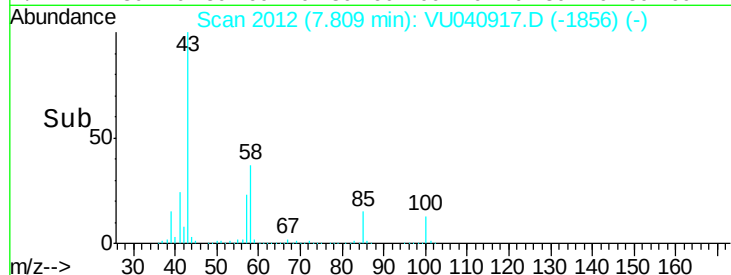
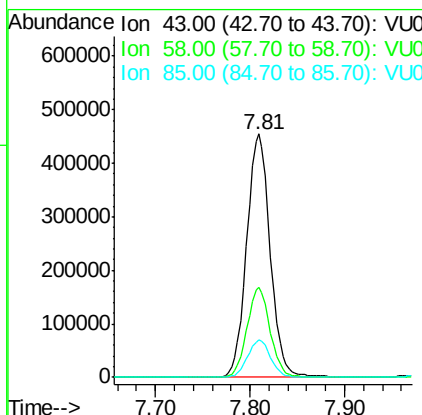
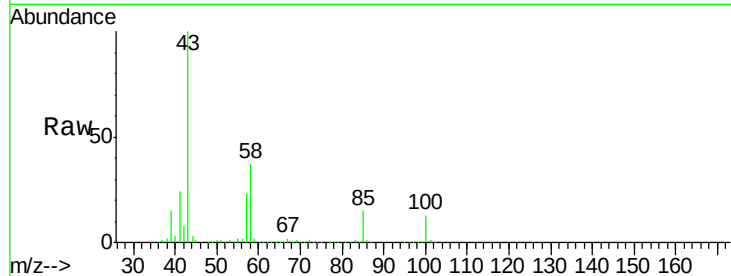
ClientSampleId :

ICVVU102220

Tot Ion:	43	Resp:	783238
Ion Ratio	Lower	Upper	
43	100		
58	36.5	17.8	53.5
85	15.1	11.4	17.2

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10/26/2020 4:15:15 PM



#46

t-1,4-Dichloro-2-butene

Concen: 10.893 ug/l m

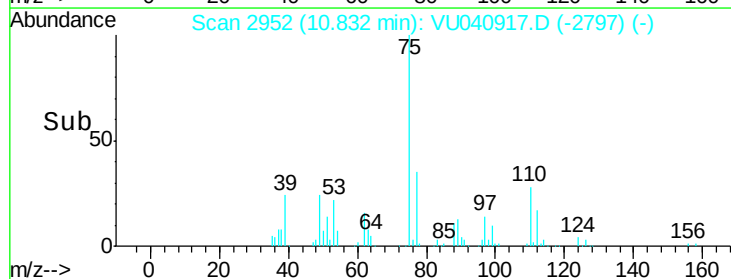
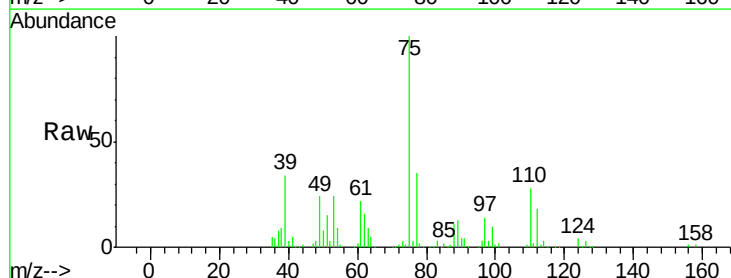
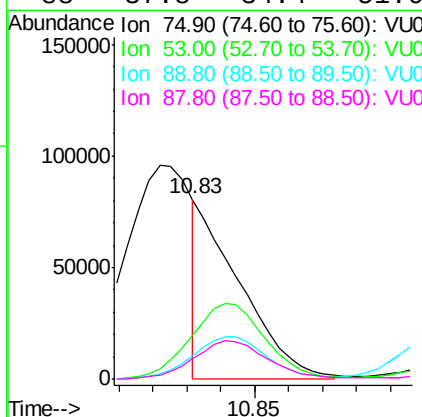
RT: 10.83 min Scan# 2952

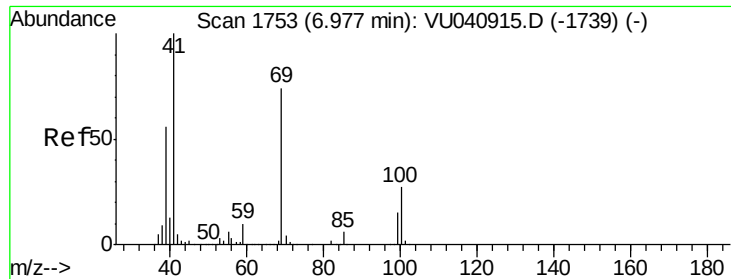
Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Tgt Ion:	75	Resp:	68834
Ion Ratio	Lower	Upper	
75	100		
53	75.1	73.0	109.4
89	42.0	41.7	62.5
88	37.8	34.4	51.6





#47

Methyl methacrylate

Concen: 9.272 ug/l

RT: 6.98 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

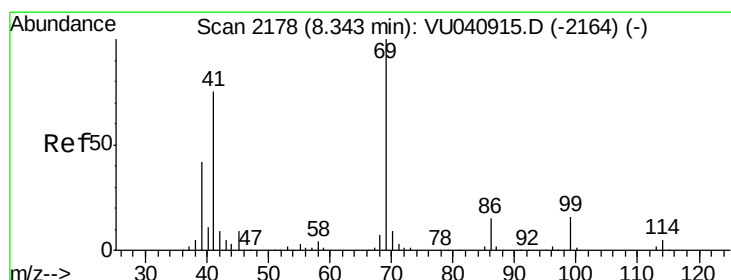
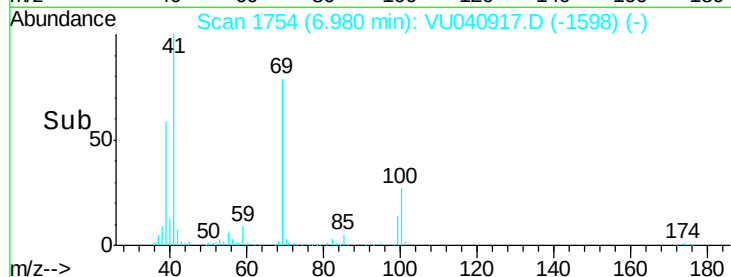
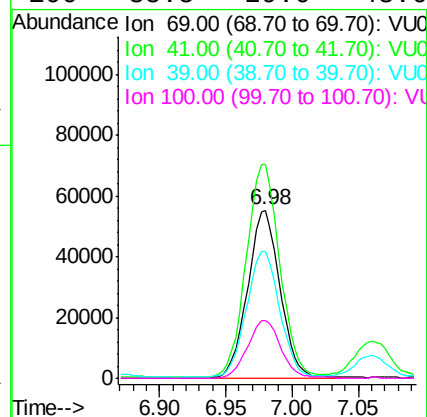
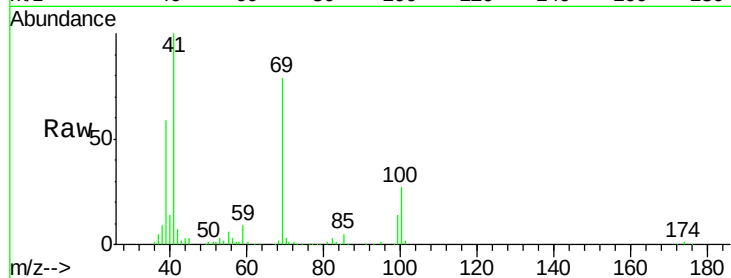
ClientSampleId :

ICVVU102220

Tot Ion:	69	Resp:	94235
Ion	Ratio	Lower	Upper
69	100		
41	130.9	0.0	270.2
39	76.6	61.6	92.4
100	35.5	29.0	43.6

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#48

Ethyl methacrylate

Concen: 10.235 ug/l

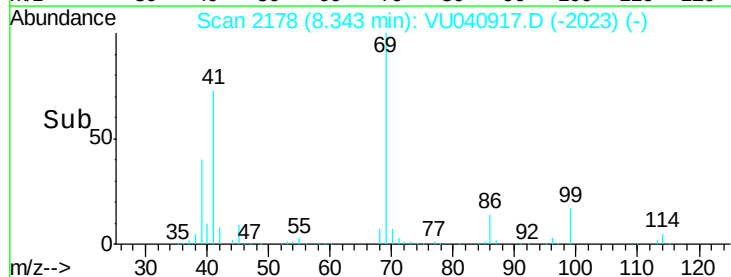
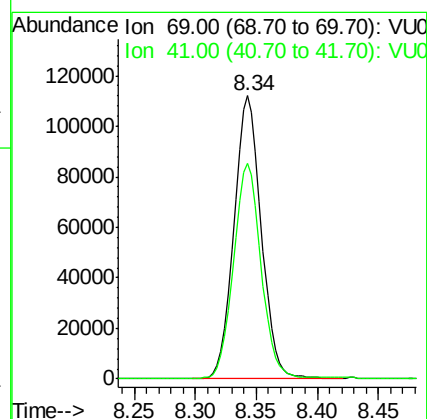
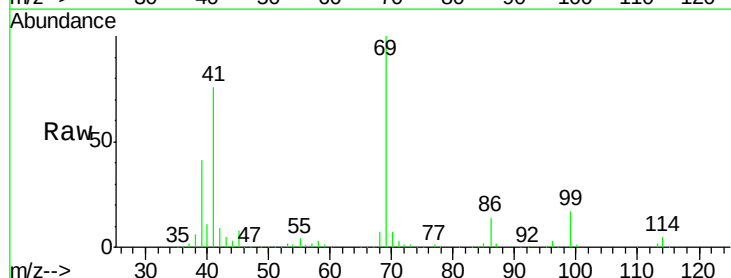
RT: 8.34 min Scan# 2178

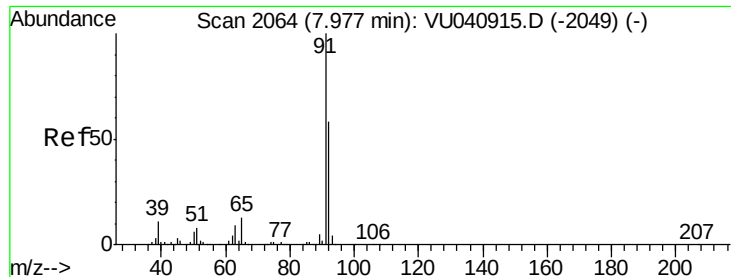
Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Tgt Ion:	69	Resp:	174994
Ion	Ratio	Lower	Upper
69	100		
41	76.5	37.6	112.9





#49

Toluene

Concen: 9.585 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion: 92 Resp: 403535

Ion Ratio Lower Upper

92 100

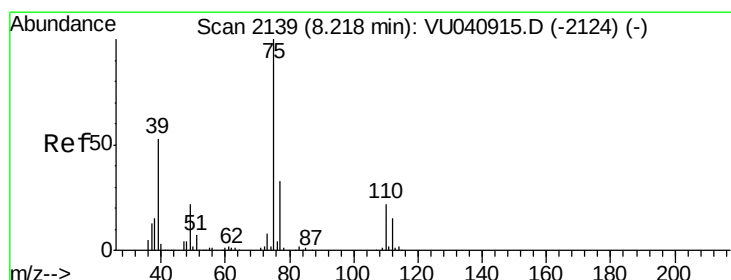
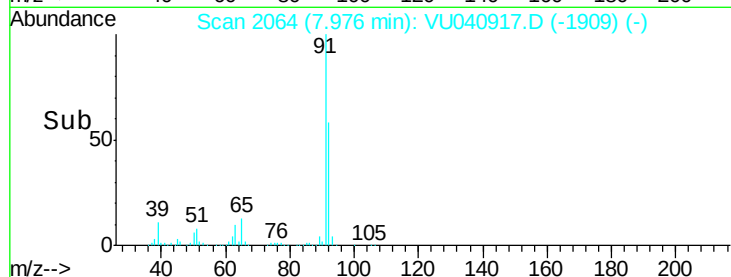
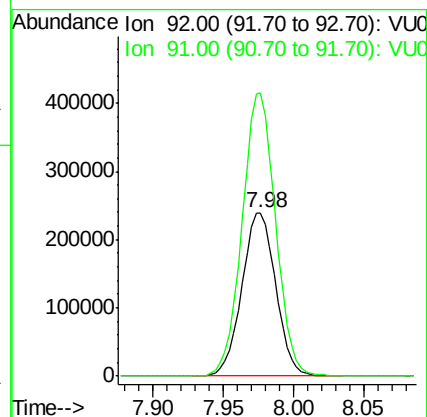
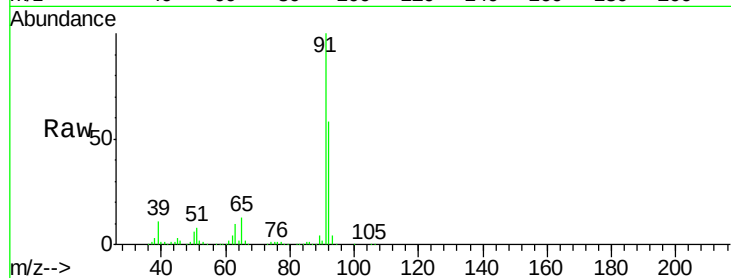
91 171.4 136.8 205.2

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 9.582 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040917.D

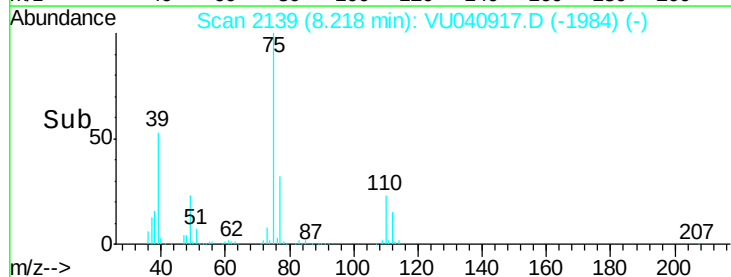
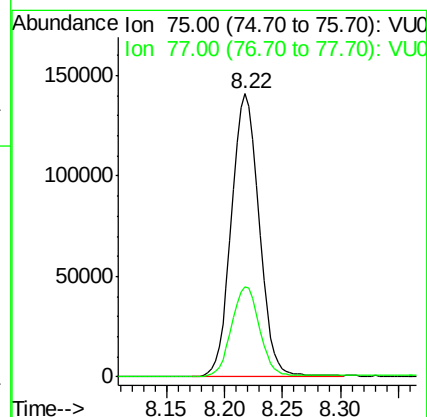
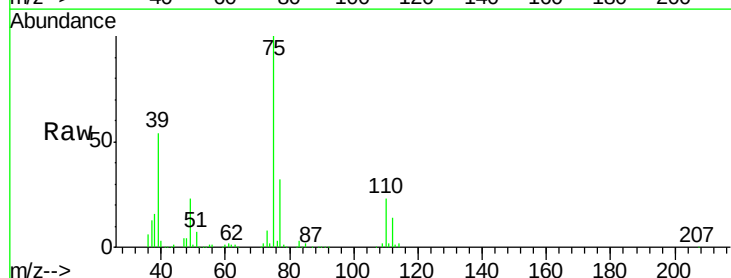
Acq: 22 Oct 2020 21:57

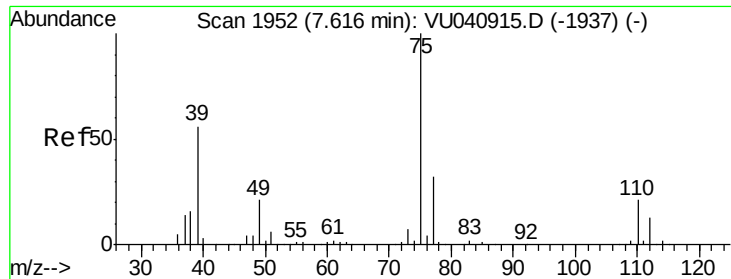
Tgt Ion: 75 Resp: 234046

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4





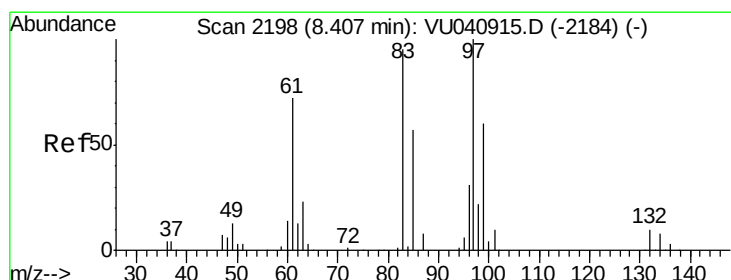
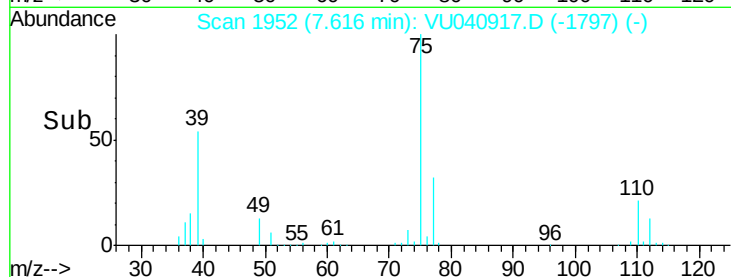
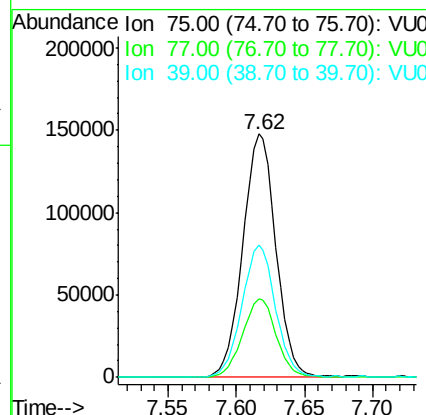
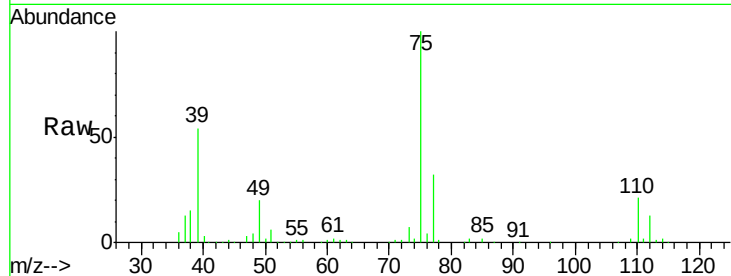
#51
 cis-1,3-Dichloropropene
 Concen: 9.294 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion:	75	Resp:	248786
Ion Ratio	Lower	Upper	
75	100		
77	32.1	25.4	38.0
39	54.4	44.7	67.1

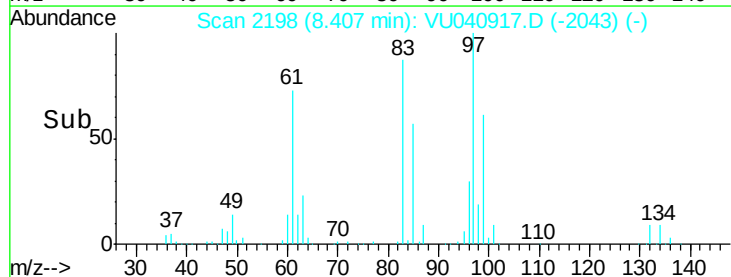
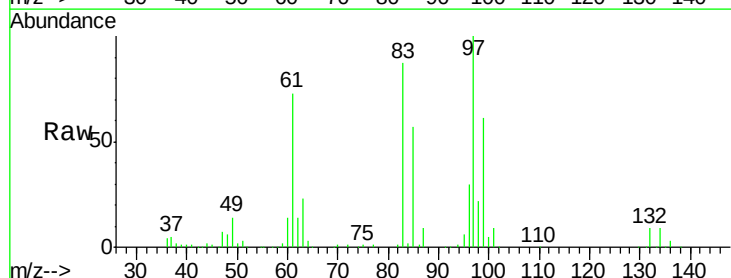
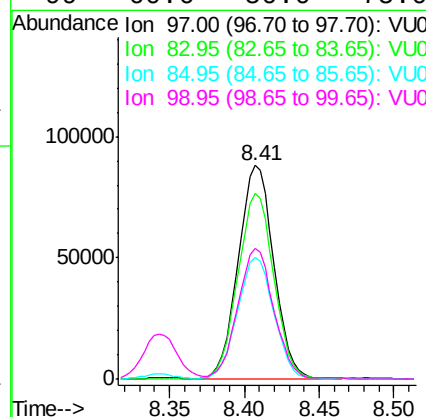
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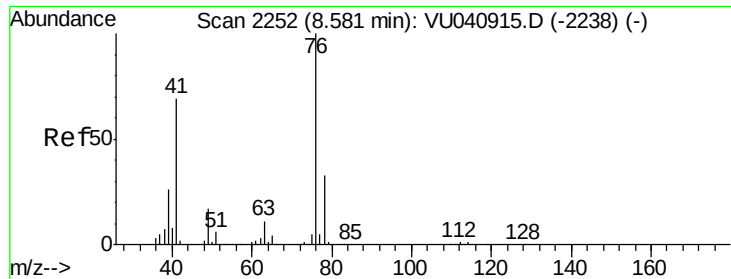
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#52
 1,1,2-Trichloroethane
 Concen: 9.499 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion:	97	Resp:	146192
Ion Ratio	Lower	Upper	
97	100		
83	86.9	75.9	113.9
85	56.8	46.1	69.1
99	60.6	50.0	75.0





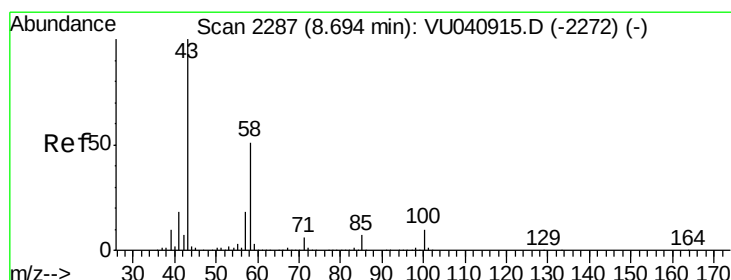
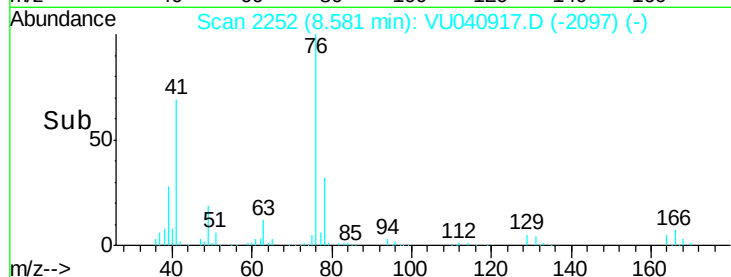
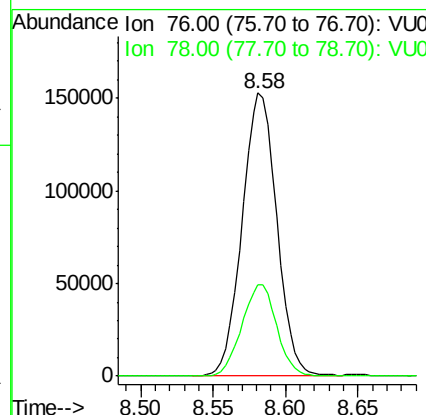
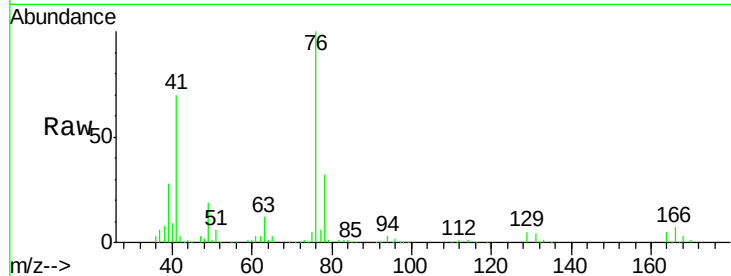
#53
 1,3-Dichloropropane
 Concen: 9.188 ug/l
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	26.6	39.8

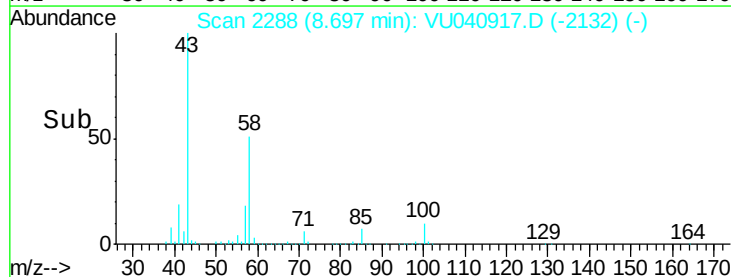
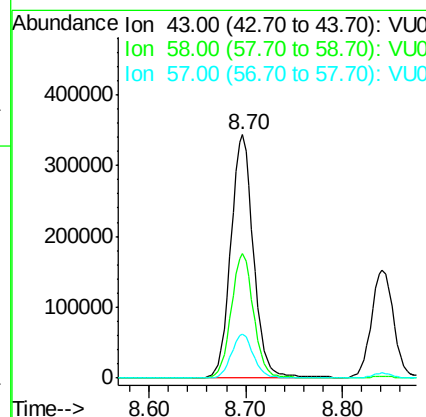
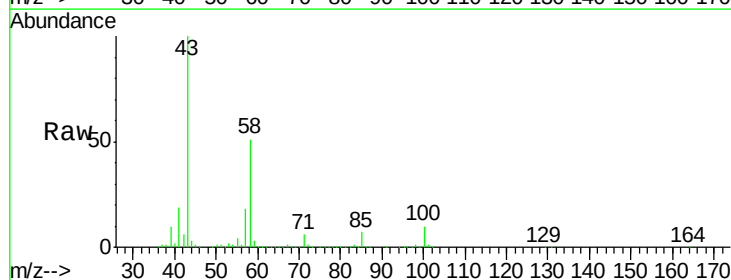
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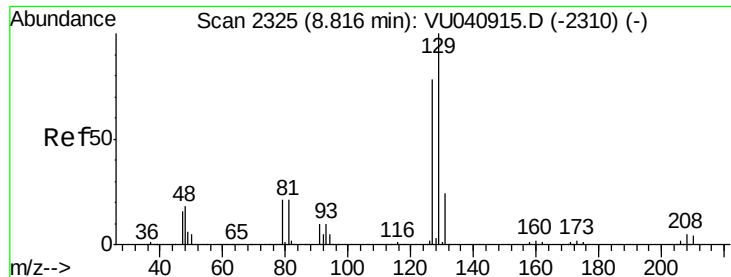
MMDadoda
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#54
 2-Hexanone
 Concen: 49.936 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	50.8	30.2	70.2
57	17.7	0.0	37.4





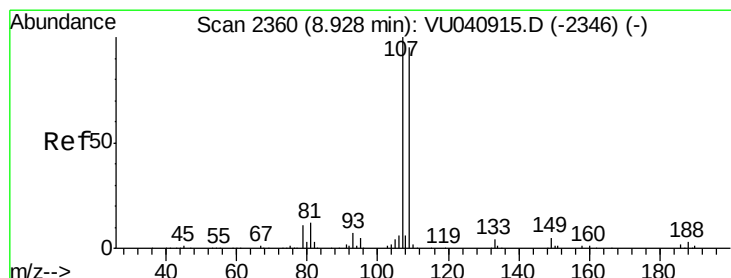
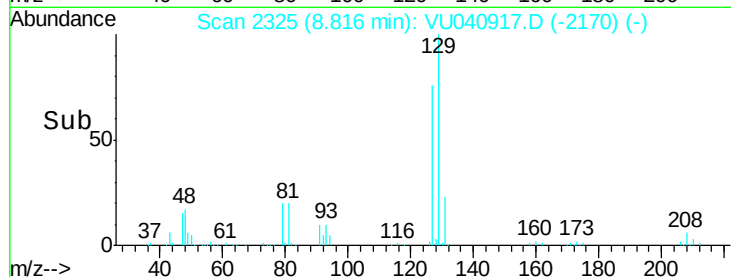
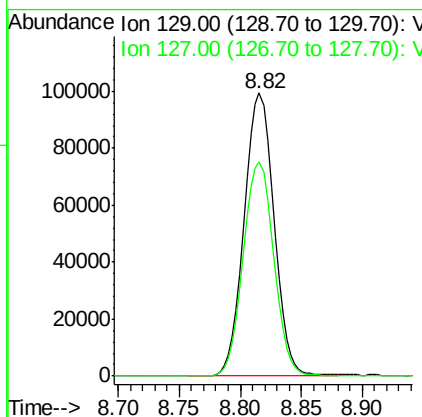
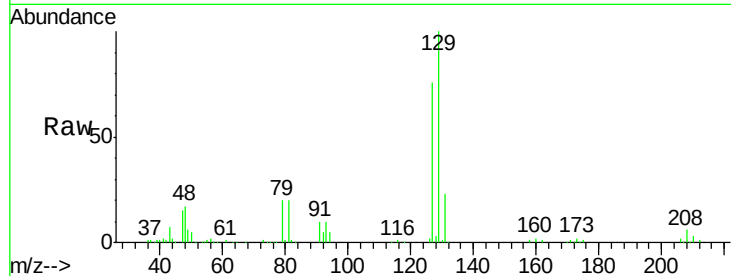
#55
Dibromochloromethane
Concen: 9.115 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.3	63.1	94.7

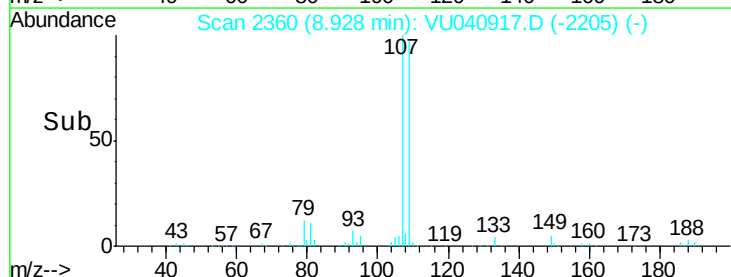
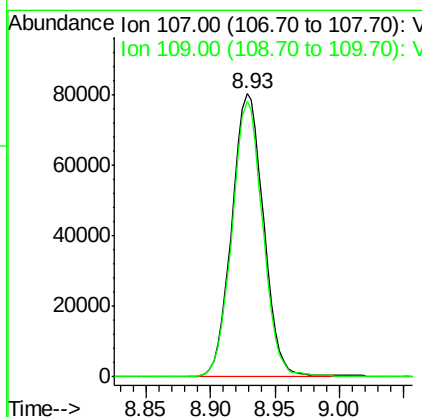
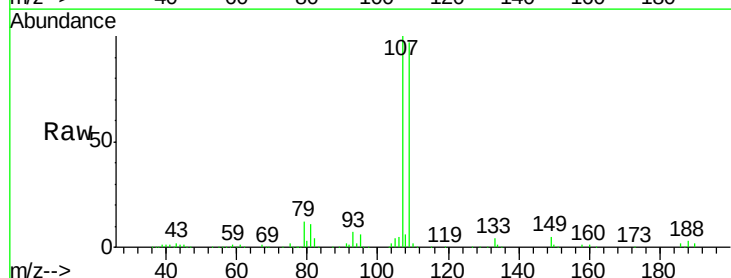
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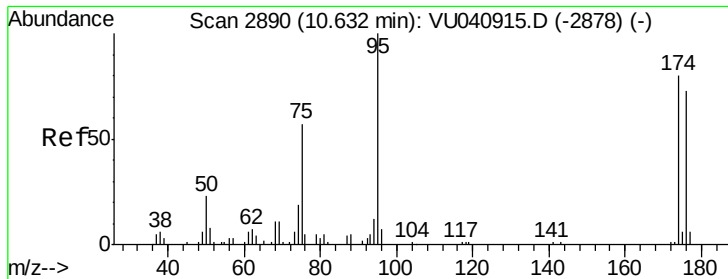
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#56
1,2-Dibromoethane
Concen: 9.629 ug/l
RT: 8.93 min Scan# 2360
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.1	0.0	190.4





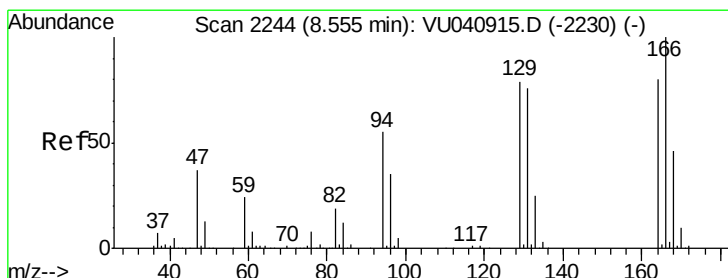
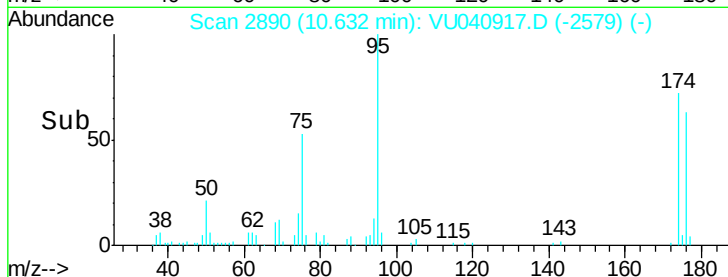
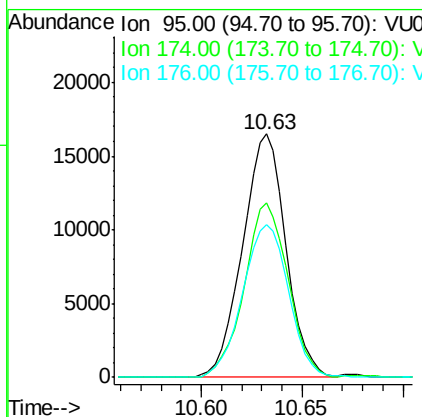
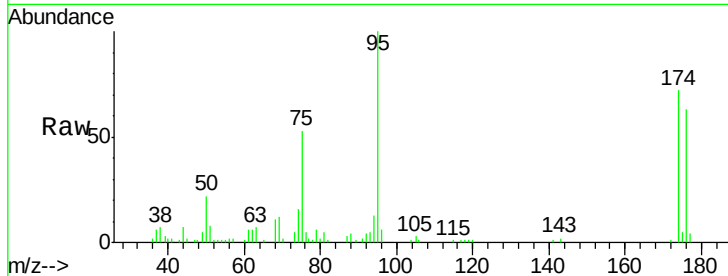
#57
4-Bromofluorobenzene
Concen: 1.141 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion	Ratio	Lower	Upper
95	100		
174	72.2	60.3	90.5
176	66.4	55.6	83.4

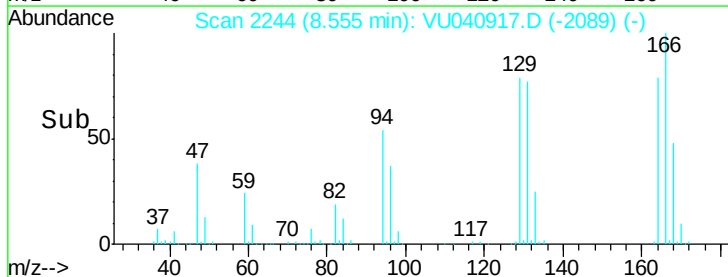
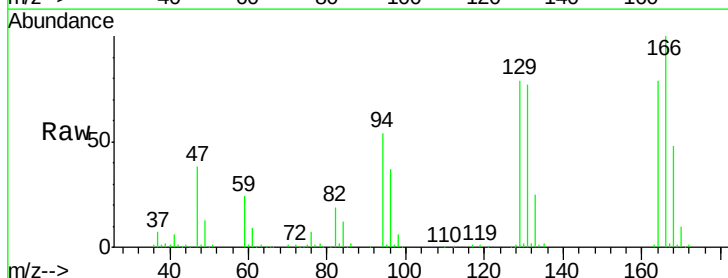
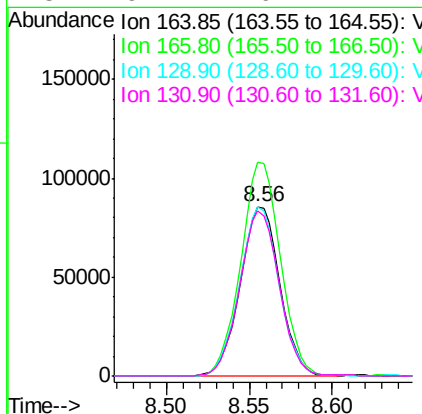
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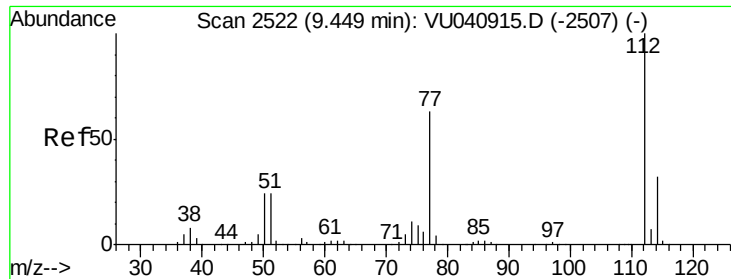
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#58
Tetrachloroethene
Concen: 8.396 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.3	100.3	150.5
129	99.8	79.4	119.0
131	97.4	76.2	114.4





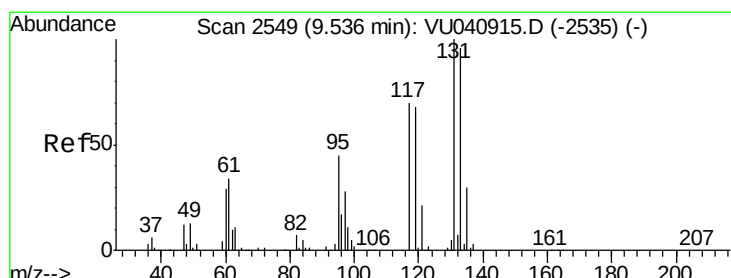
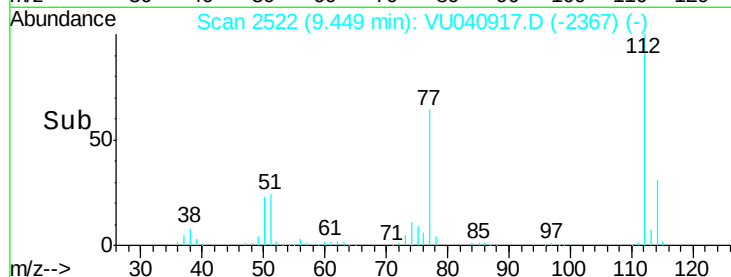
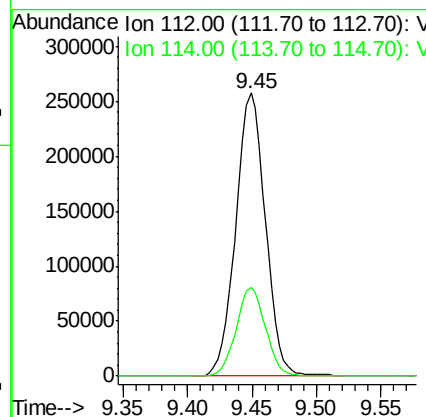
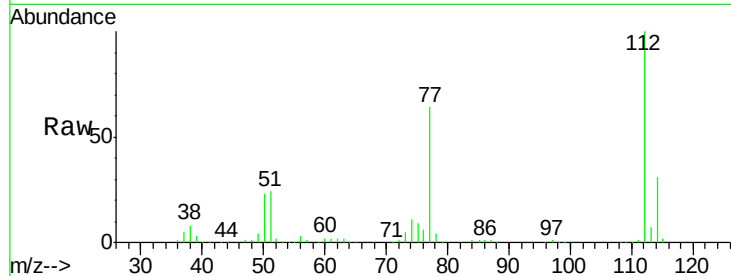
#59
Chlorobenzene
Concen: 9.233 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion	Ratio	Resp	Lower	Upper
112	100	411512		
114	31.5	25.8	38.8	

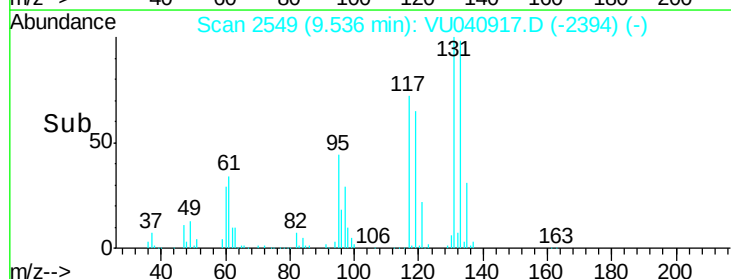
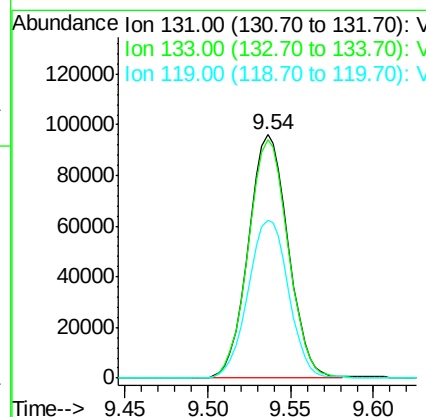
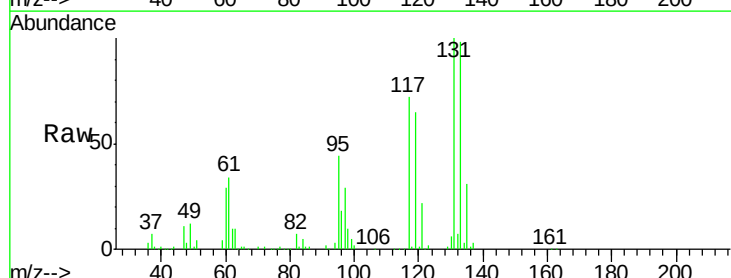
Manual Integrations
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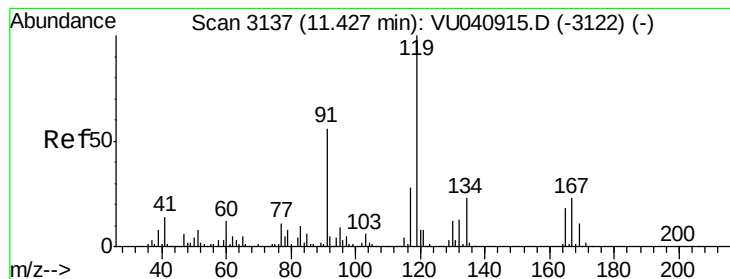
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#60
1,1,1,2-Tetrachloroethane
Concen: 9.158 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	160376		
133	98.4	77.4	116.0	
119	66.0	53.5	80.3	





#61

Pentachloroethane

Concen: 9.542 ug/l

RT: 11.43 min Scan# 3137

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion:117 Resp: 134977

Ion Ratio Lower Upper

117 100

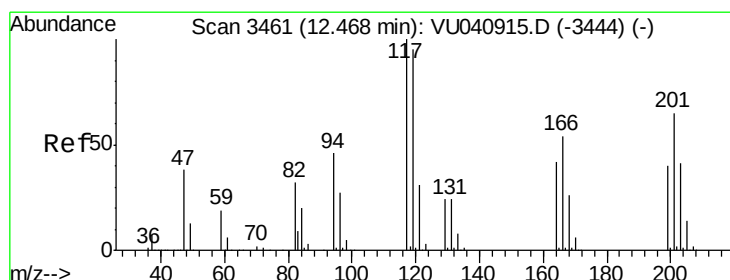
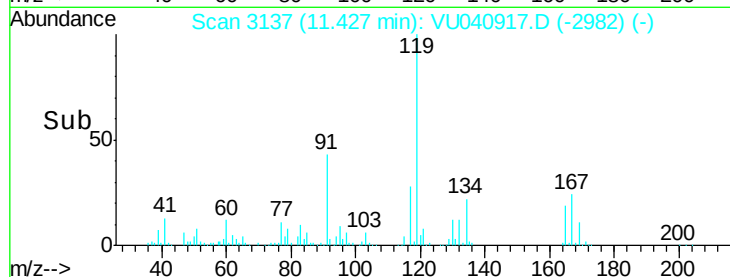
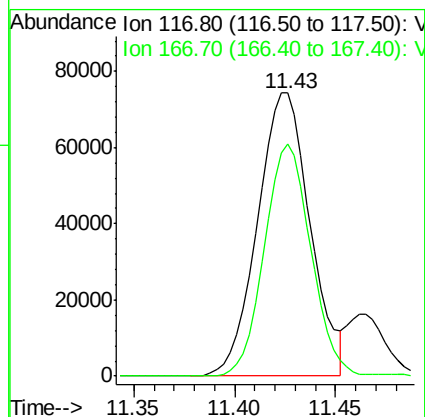
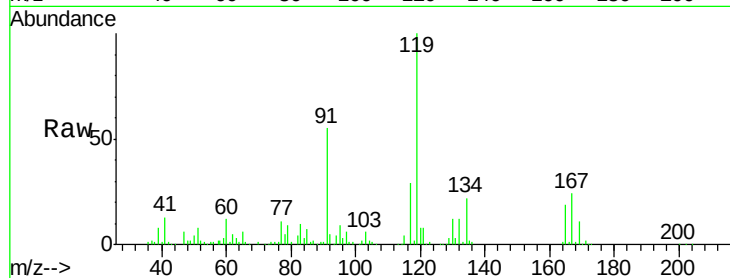
167 72.6 59.4 89.2

Manual Integrations

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#62

Hexachloroethane

Concen: 8.725 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU040917.D

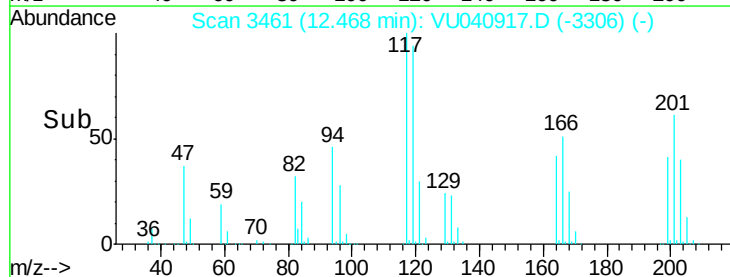
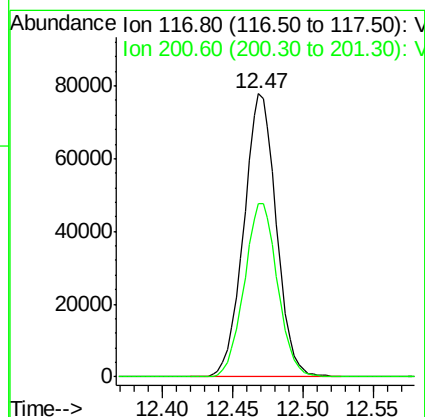
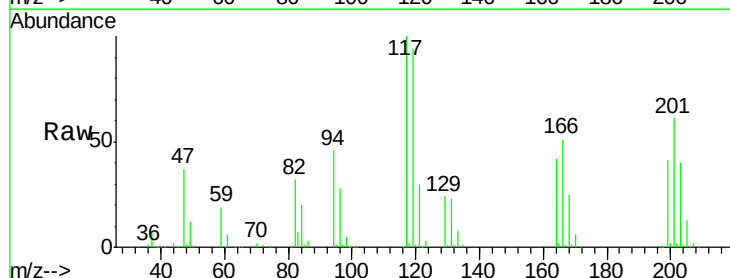
Acq: 22 Oct 2020 21:57

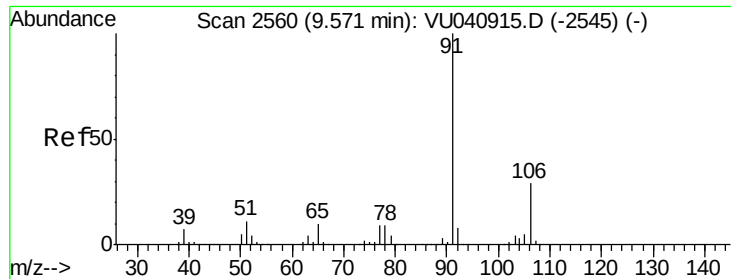
Tgt Ion:117 Resp: 125621

Ion Ratio Lower Upper

117 100

201 62.8 52.6 78.8





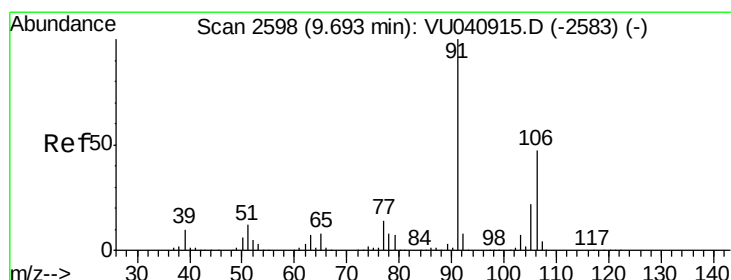
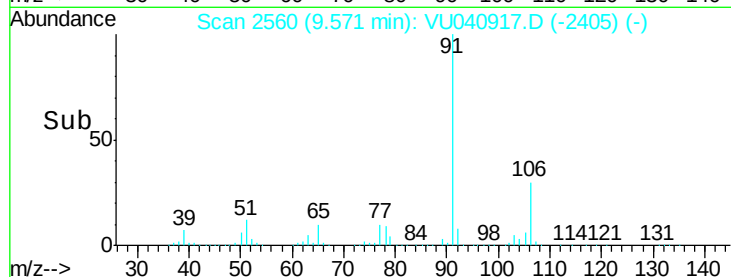
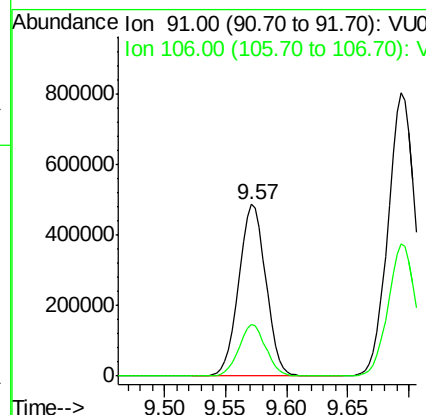
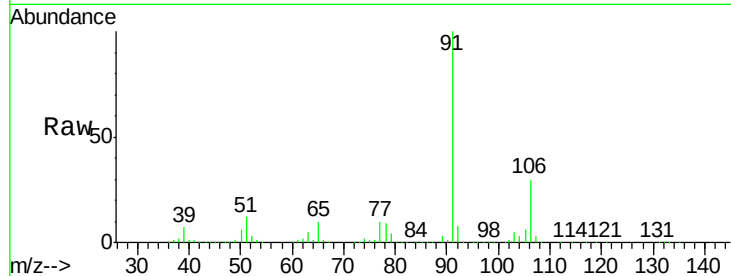
#63
Ethyl Benzene
Concen: 10.258 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion: 91 Resp: 757276
Ion Ratio Lower Upper
91 100
106 30.3 23.5 35.3

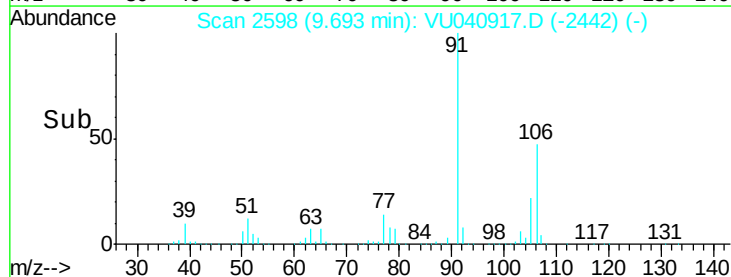
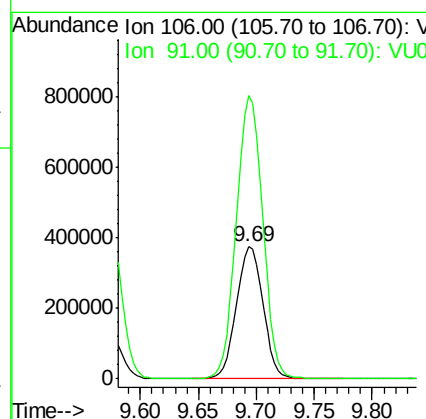
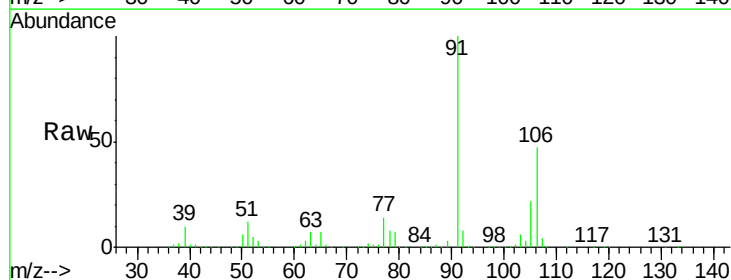
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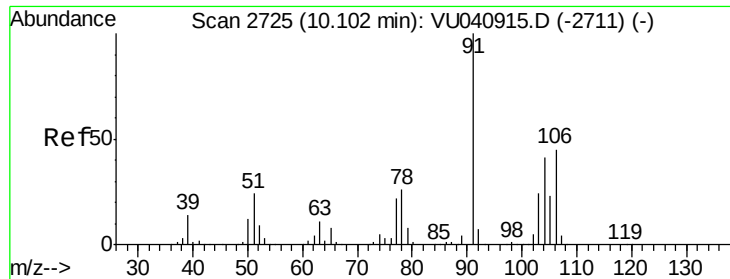
MMDadoda
10/26/2020 4:15:15 PM



#64
m/p-Xylenes
Concen: 18.227 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion: 106 Resp: 594525
Ion Ratio Lower Upper
106 100
91 212.6 168.3 252.5





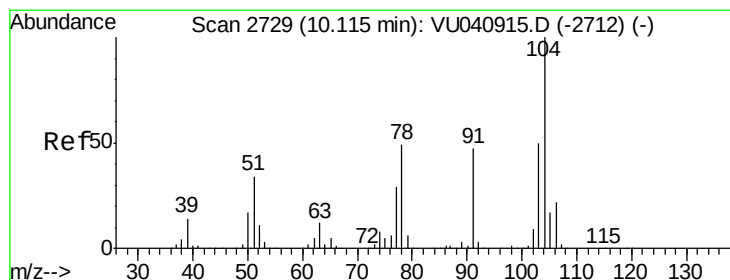
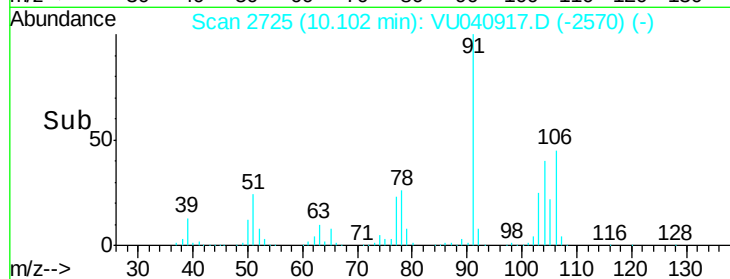
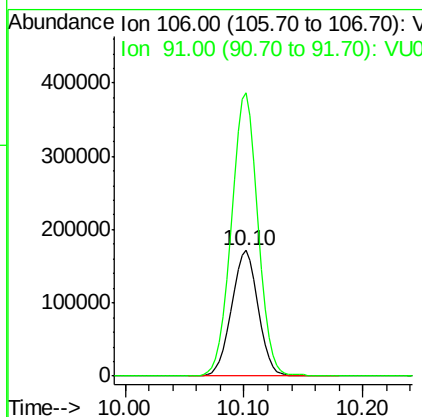
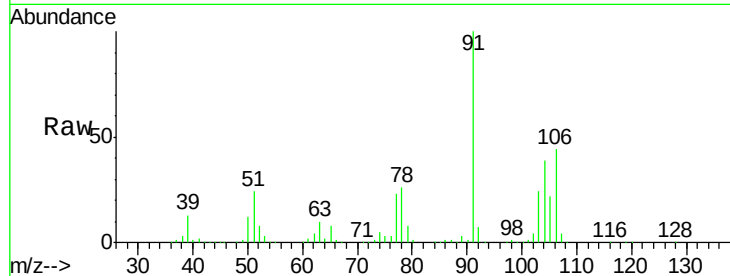
#65
o-Xylene
Concen: 10.263 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion:106 Resp: 266060
Ion Ratio Lower Upper
106 100
91 224.8 111.3 333.9

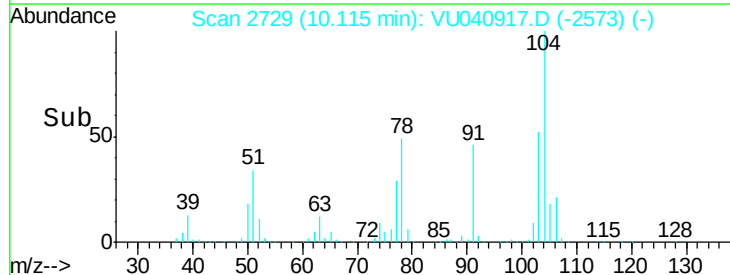
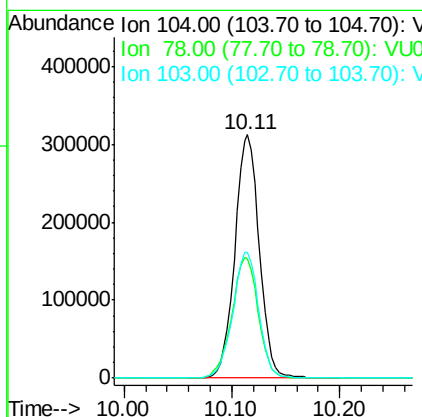
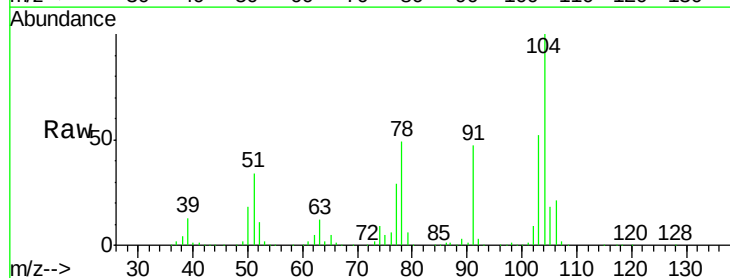
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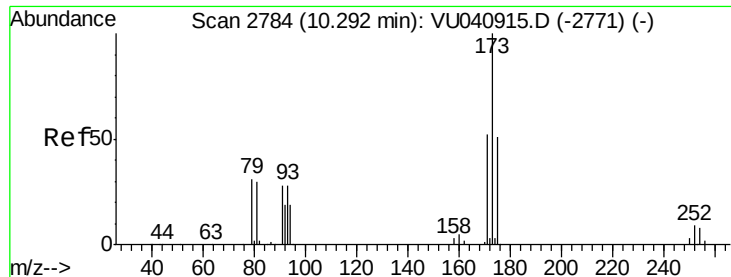
MMDadoda
10/26/2020 4:15:15 PM



#66
Styrene
Concen: 9.171 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion:104 Resp: 494129
Ion Ratio Lower Upper
104 100
78 53.9 43.4 65.0
103 54.9 43.1 64.7





#67

Bromoform

Concen: 9.379 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

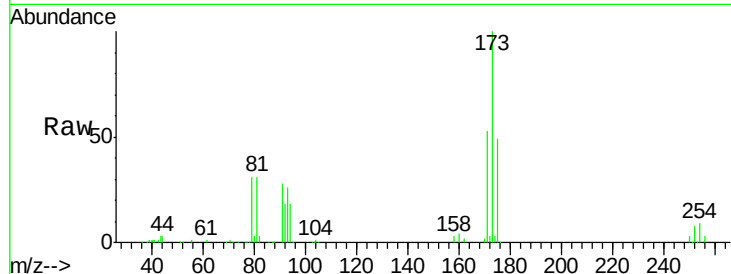
ClientSampleId :

ICVVU102220

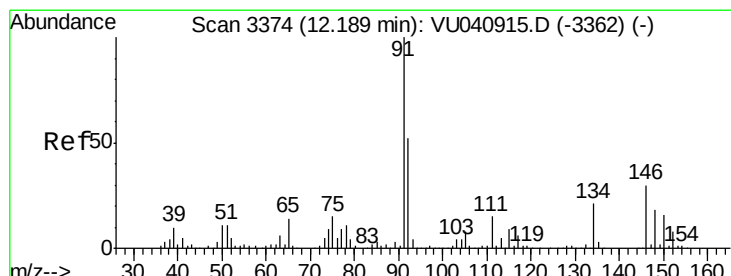
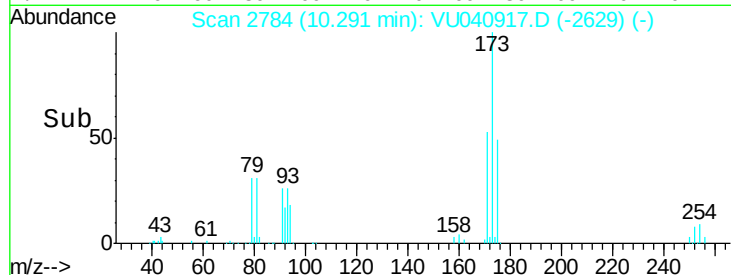
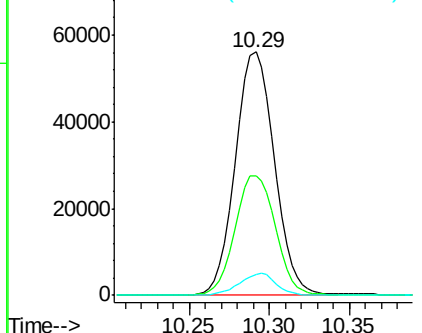
Tot Ion:	173	Resp:	93676
Ion Ratio	Lower	Upper	
173	100		
175	50.9	39.0	58.4
254	8.4	6.6	9.8

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



#68

1,2-Dichlorobenzene-d4

Concen: 0.987 ug/l

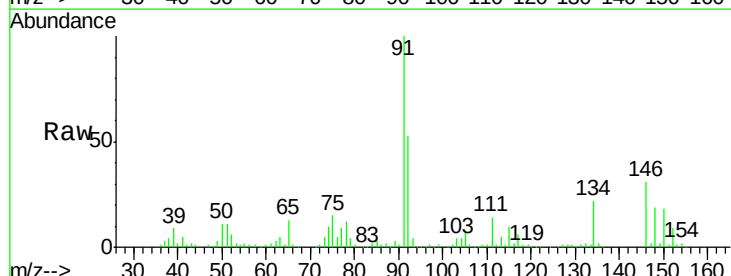
RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

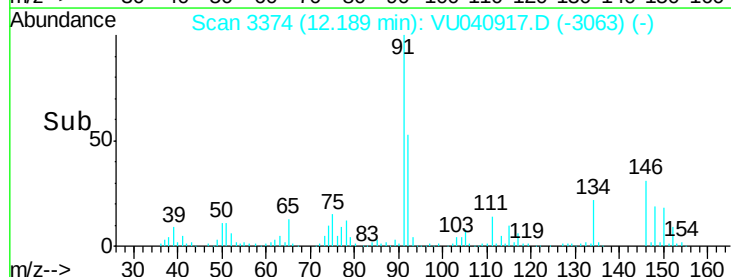
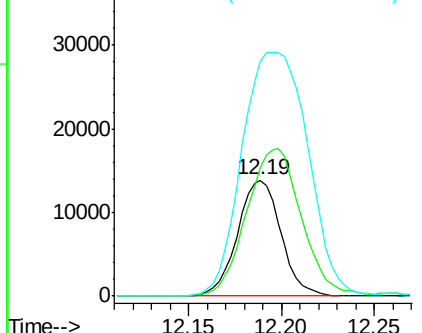
Lab File: VU040917.D

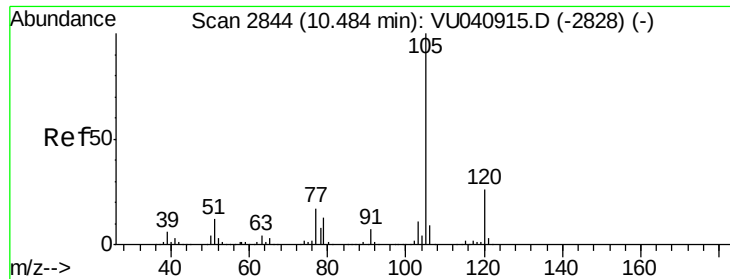
Acq: 22 Oct 2020 21:57

Tgt Ion:	152	Resp:	22446
Ion Ratio	Lower	Upper	
152	100		
115	162.5	0.0	323.4
150	321.0	0.0	653.8



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





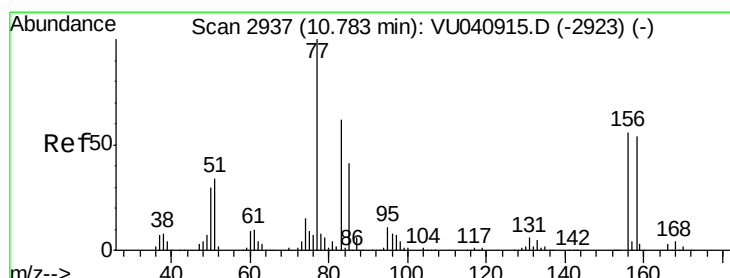
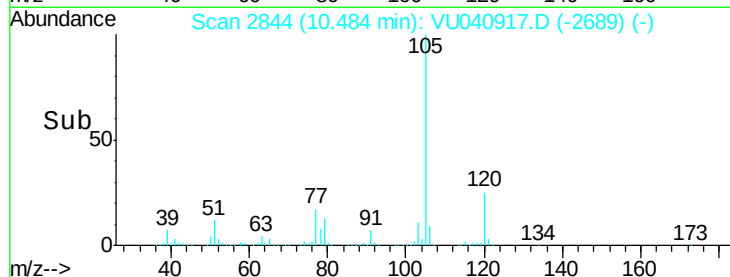
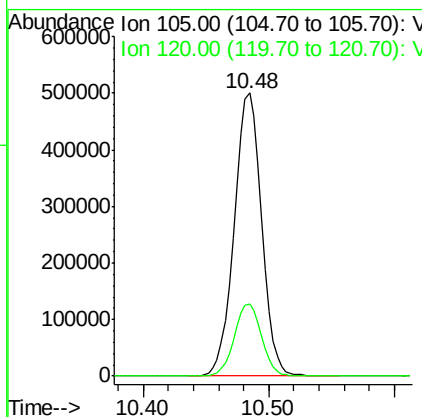
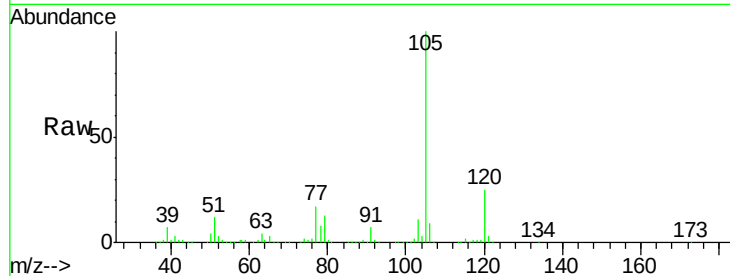
#69
Isopropylbenzene
Concen: 10.959 ug/l
RT: 10.48 min Scan# 2844
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampled :
ICVVU102220

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.4	12.9	38.6

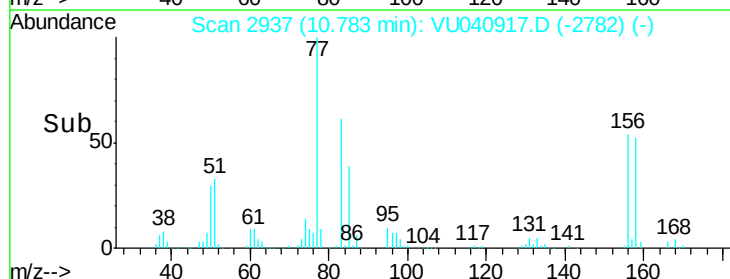
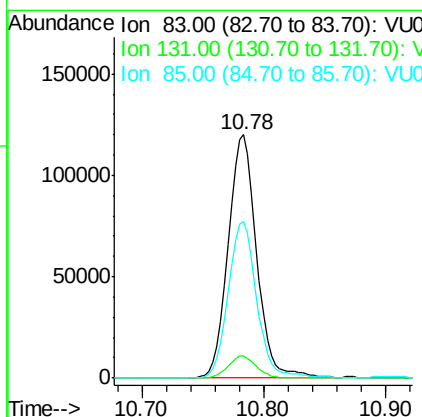
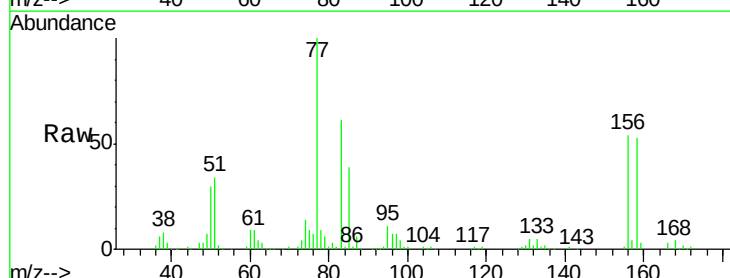
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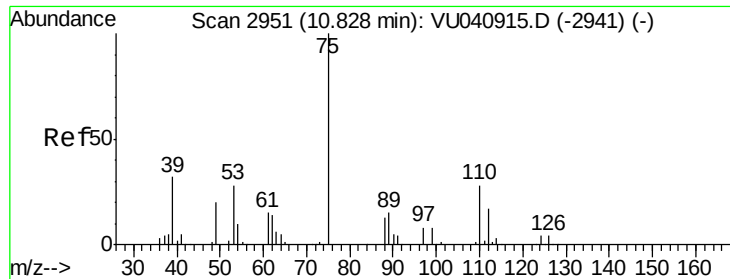
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#70
1,1,2,2-Tetrachloroethane
Concen: 9.385 ug/l
RT: 10.78 min Scan# 2937
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.8	7.1	10.7
85	64.4	51.8	77.6





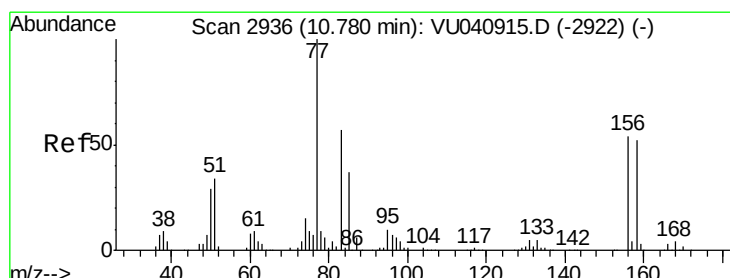
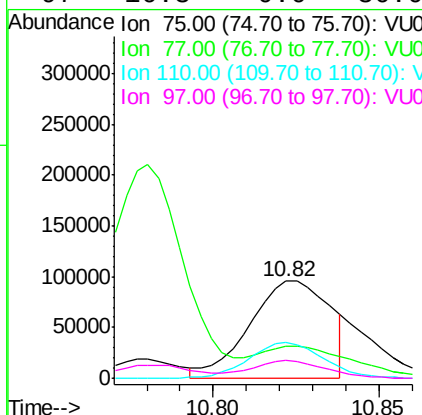
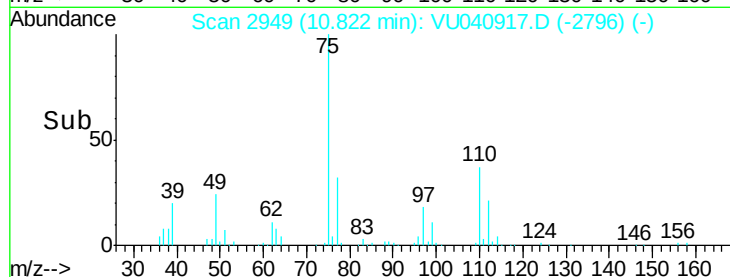
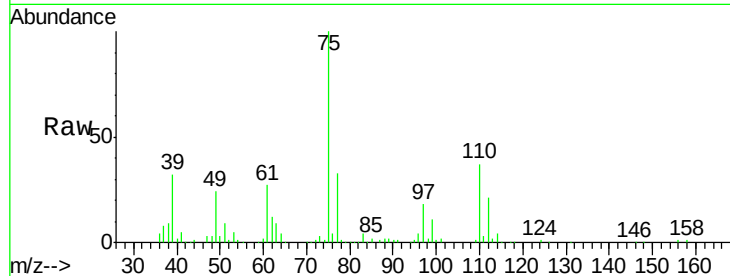
#71
 1,2,3-Trichloropropane
 Concen: 10.066 ug/l m
 RT: 10.82 min Scan# 2949
 Delta R.T. -0.01 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion	Ion	Ratio	Resp	Lower	Upper
75	75	100	160695		
77	77	37.8	0.0	110.8	
110	110	34.7	0.0	73.4	
97	97	16.3	0.0	36.0	

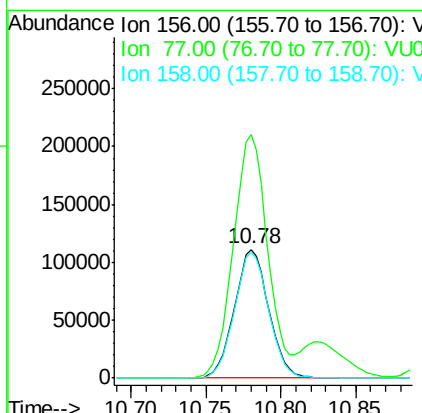
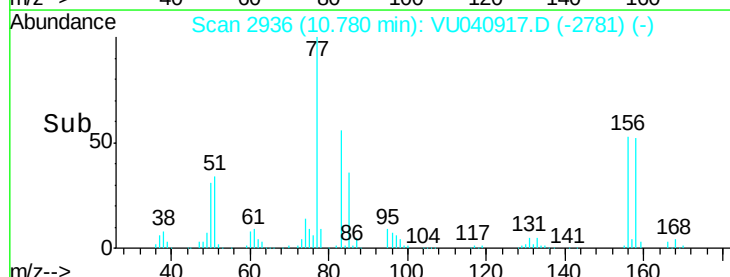
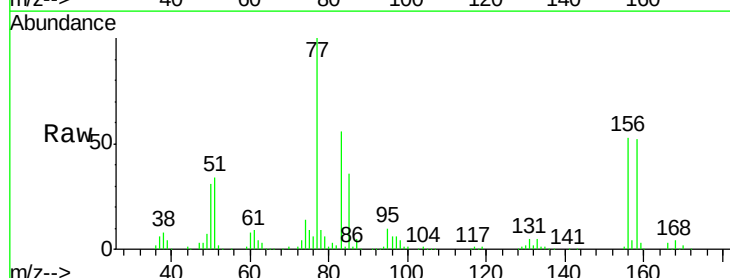
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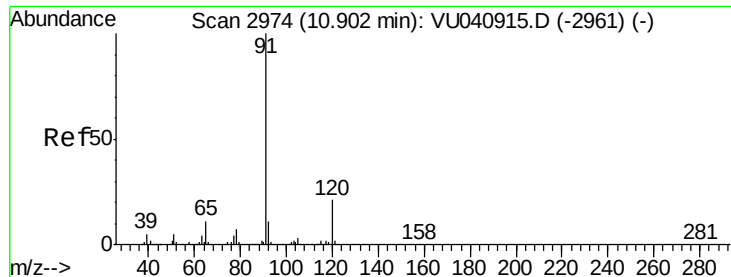
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#72
 Bromobenzene
 Concen: 9.836 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
156	156	100	177298		
77	77	190.7	0.0	370.2	
158	158	97.5	0.0	193.2	





#73

n-propylbenzene

Concen: 8.898 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion:120 Resp: 203544

Ion Ratio Lower Upper

120 100

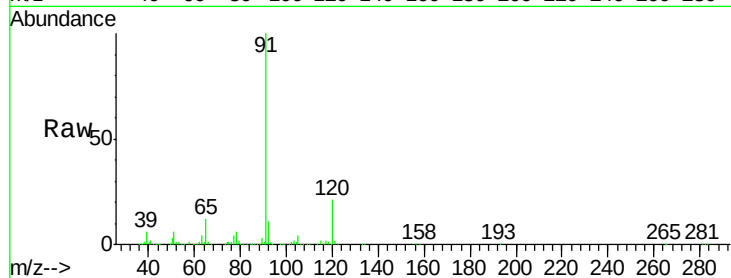
91 472.6 370.8 556.2

Manual Integrations

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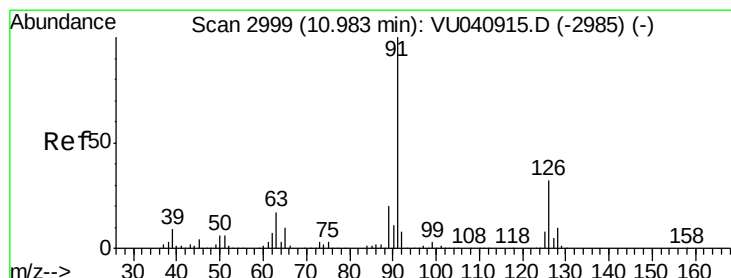
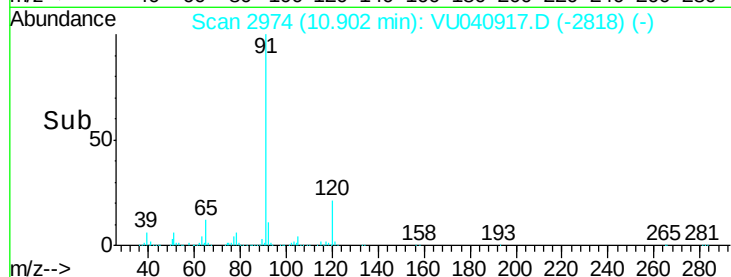
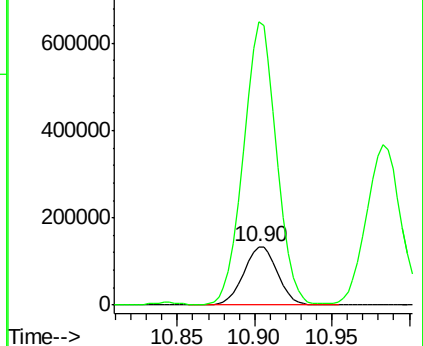
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 9.924 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040917.D

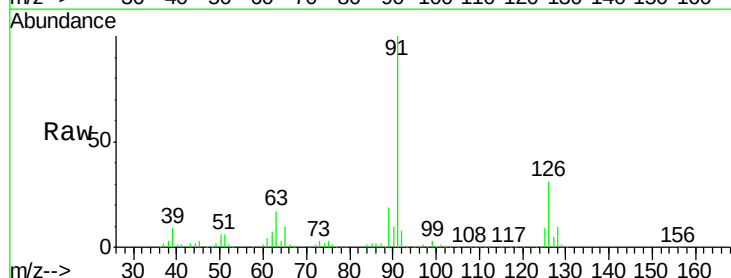
Acq: 22 Oct 2020 21:57

Tgt Ion:126 Resp: 178033

Ion Ratio Lower Upper

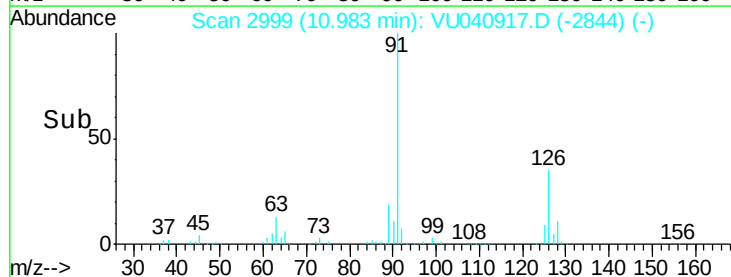
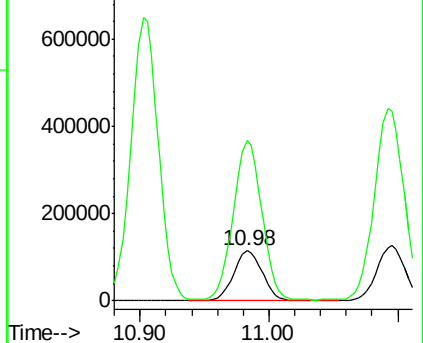
126 100

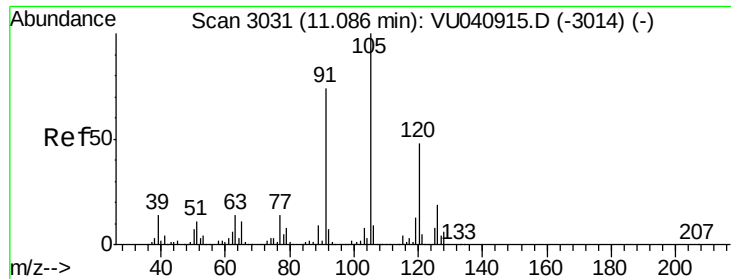
91 315.1 0.0 633.2



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: 9.402 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion:105 Resp: 675567

Ion Ratio Lower Upper

105 100

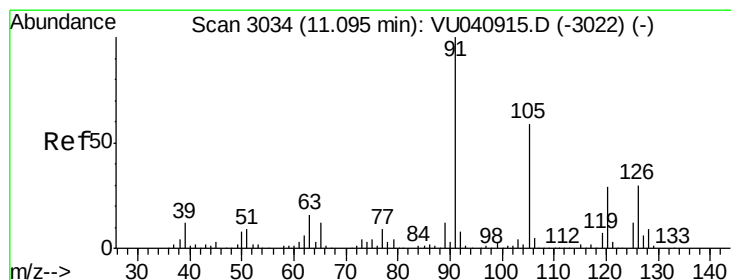
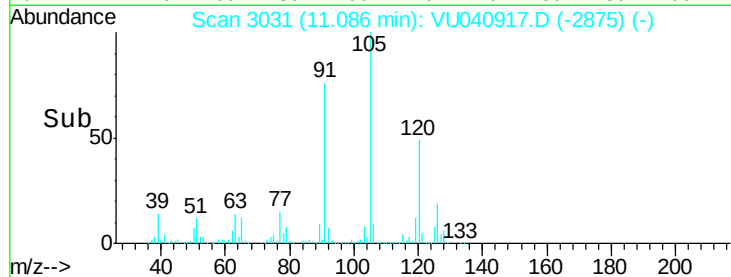
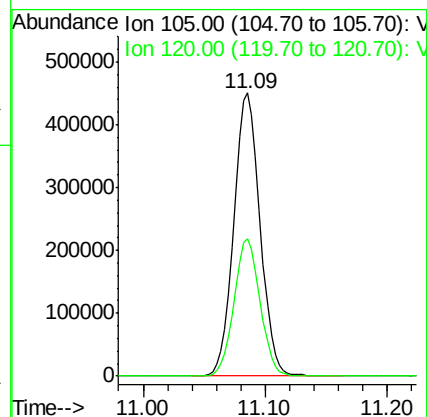
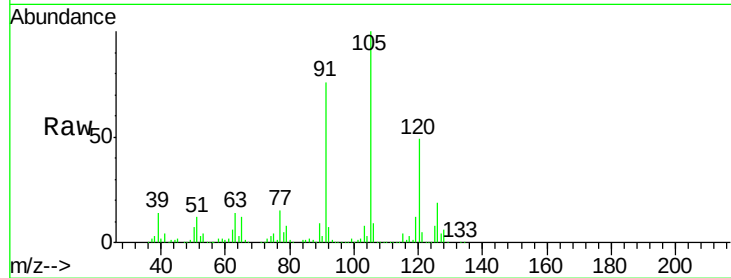
120 48.0 38.7 58.1

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#76

4-Chlorotoluene

Concen: 10.427 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040917.D

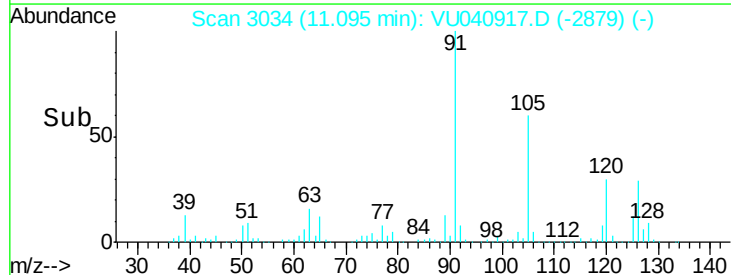
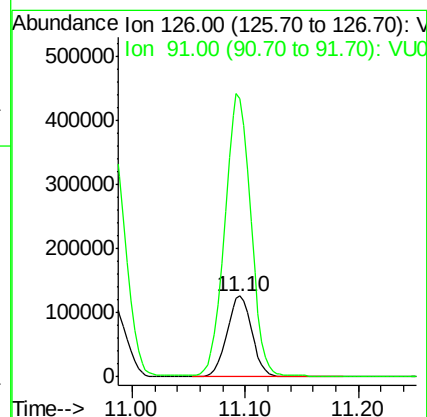
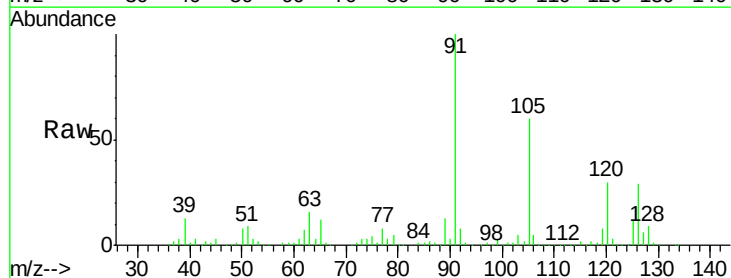
Acq: 22 Oct 2020 21:57

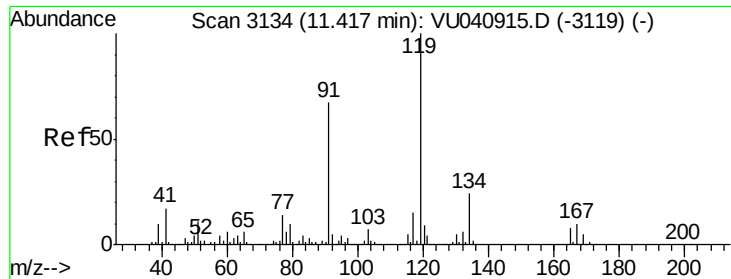
Tgt Ion:126 Resp: 193870

Ion Ratio Lower Upper

126 100

91 363.2 0.0 730.4





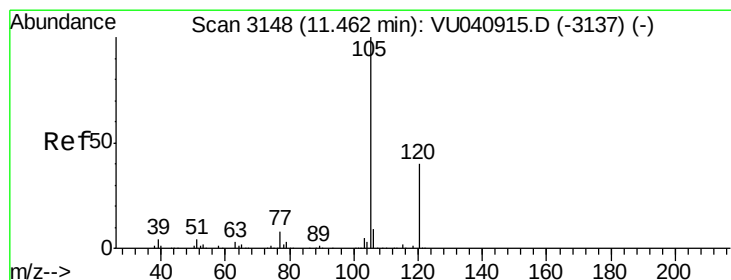
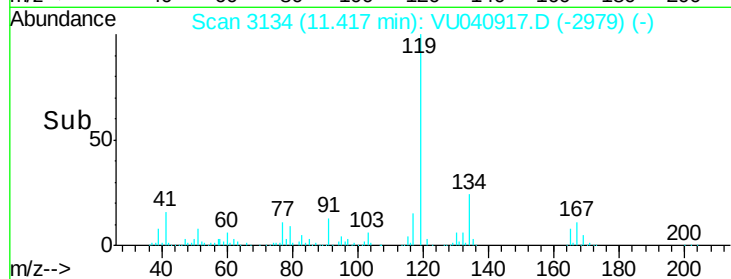
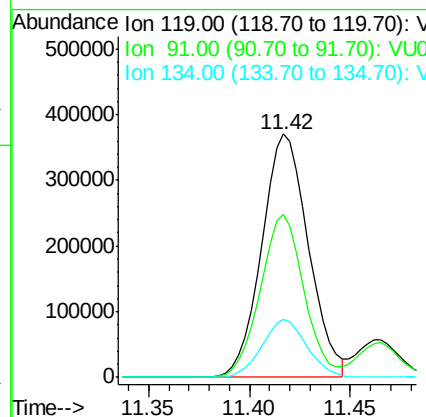
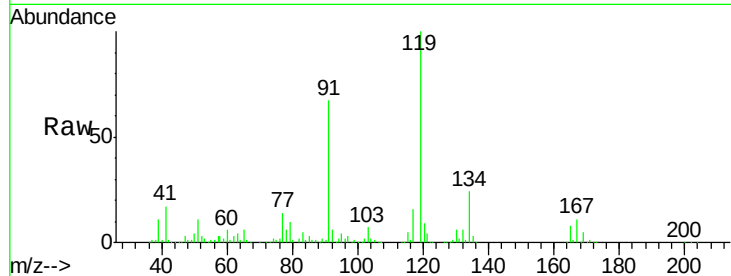
#77
 tert-Butylbenzene
 Concen: 10.208 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion	Ratio	Resp	Lower	Upper
119	100	596508		
91	62.5		32.0	96.2
134	23.1		18.4	27.6

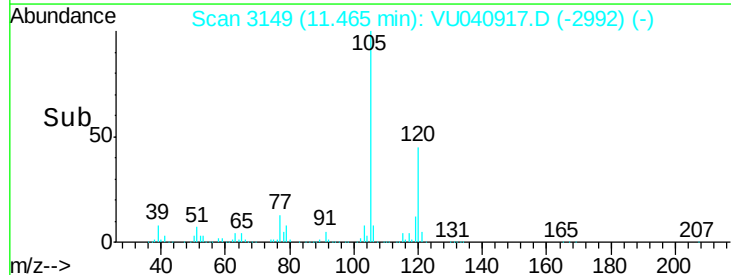
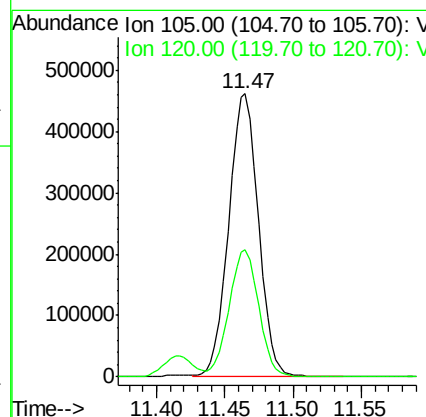
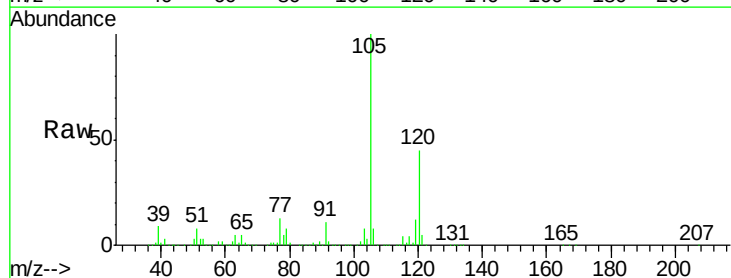
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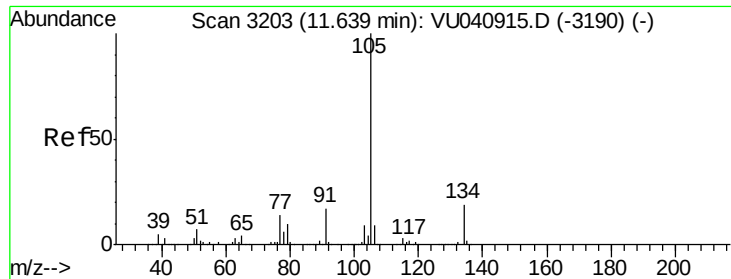
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#78
 1,2,4-Trimethylbenzene
 Concen: 9.327 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	694776		
120	45.1		22.6	67.8





#79

sec-Butylbenzene

Concen: 9.728 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU102220

Tot Ion: 105 Resp: 789222

Ion Ratio Lower Upper

105 100

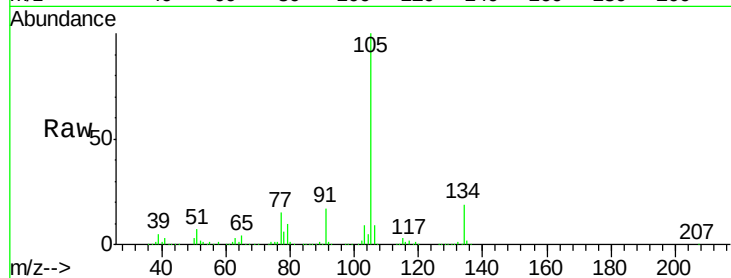
134 18.9 15.4 23.0

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.64

600000

500000

400000

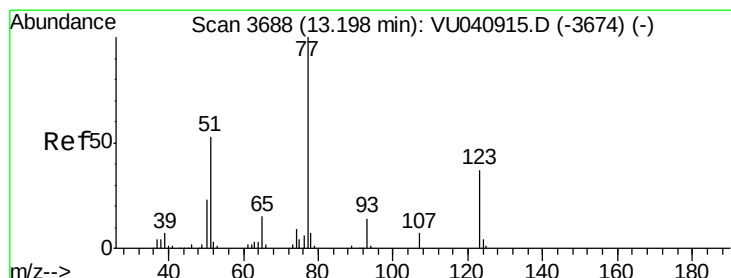
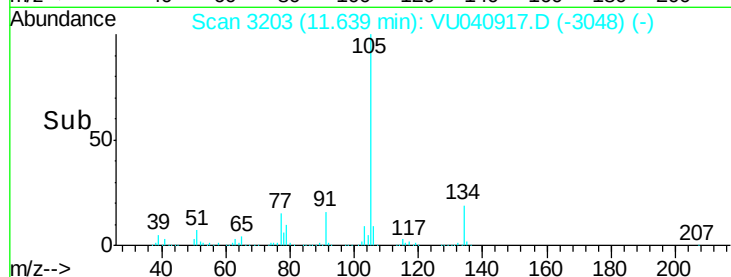
300000

200000

100000

0

Time--> 11.55 11.60 11.65 11.70



#80

Nitrobenzene

Concen: 9.997 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. -0.00 min

Lab File: VU040917.D

Acq: 22 Oct 2020 21:57

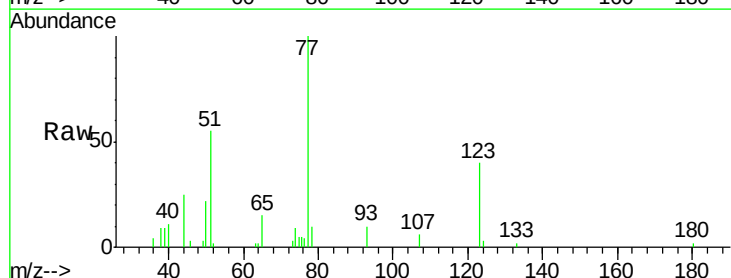
Tgt Ion: 77 Resp: 9901

Ion Ratio Lower Upper

77 100

123 35.4 16.8 59.4

65 12.0 11.0 14.0



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

13.20

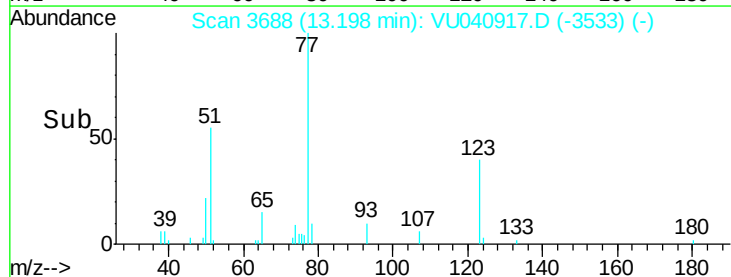
6000

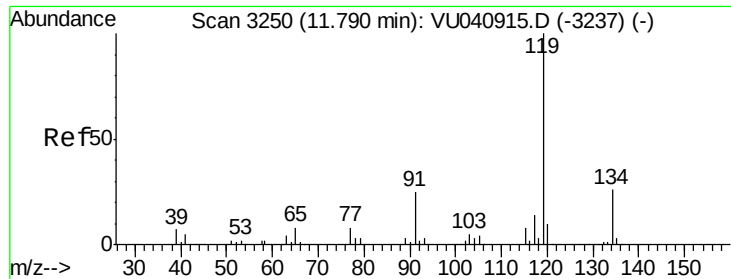
4000

2000

0

Time--> 13.15 13.20 13.25





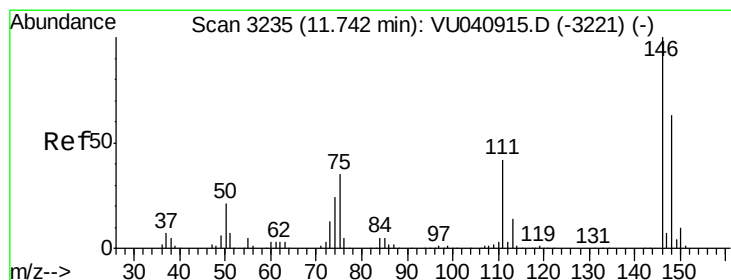
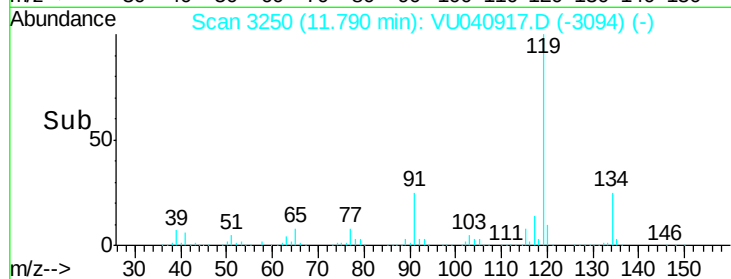
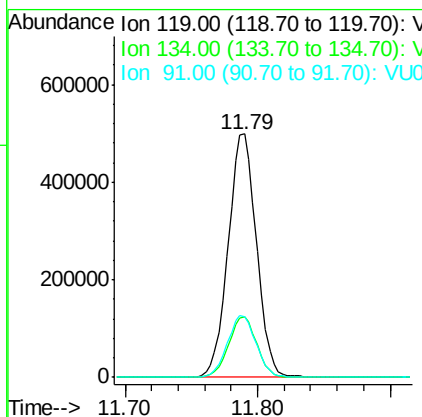
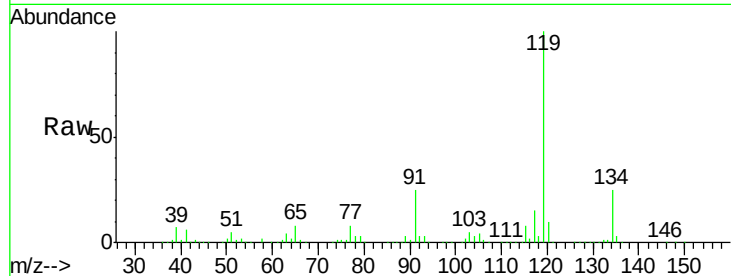
#81
 p-Isopropyltoluene
 Concen: 9.344 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.6	20.4	30.6
91	25.7	20.4	30.6

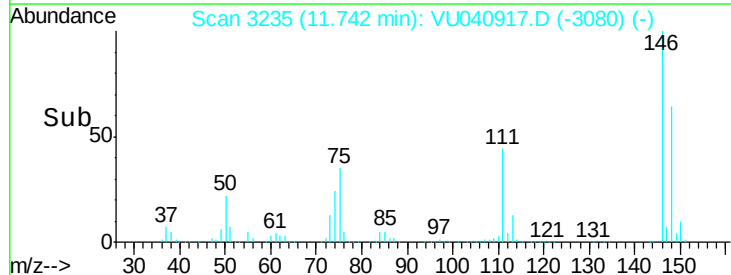
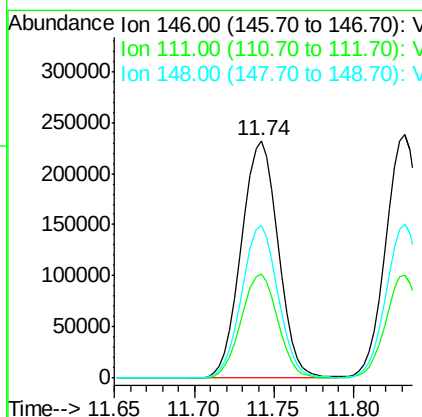
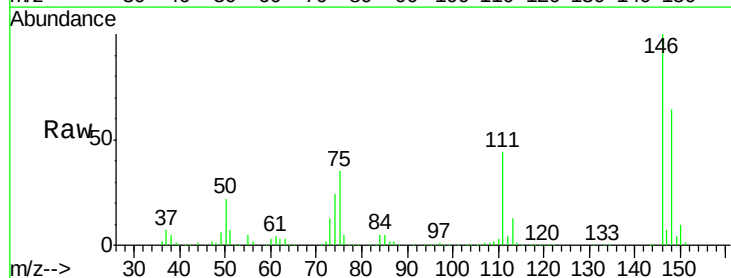
Manual Integrations
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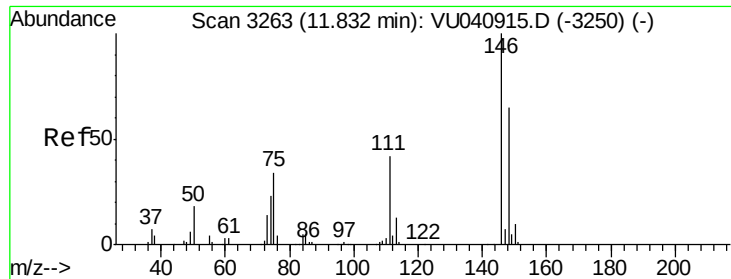
MMDadoda
 10/26/2020 4:15:15 PM



#82
 1,3-Dichlorobenzene
 Concen: 9.291 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	33.6	50.4
148	63.3	50.1	75.1





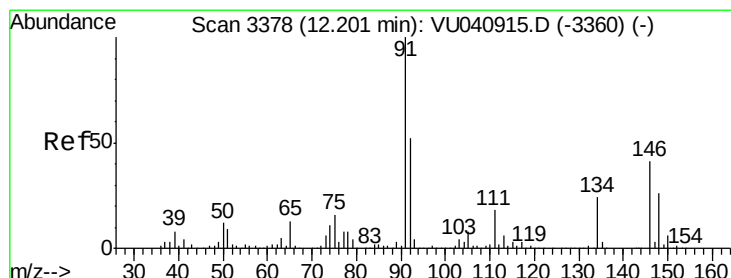
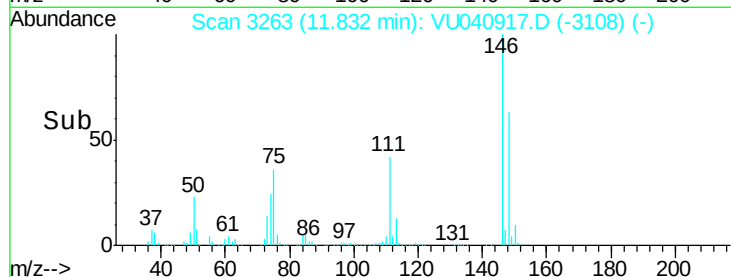
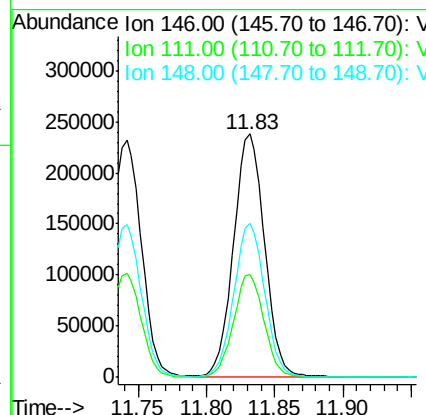
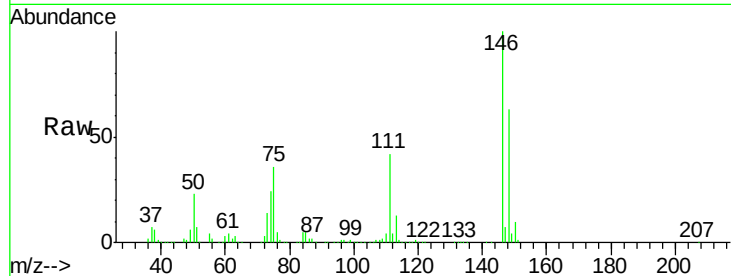
#83
1,4-Dichlorobenzene
Concen: 9.439 ug/l
RT: 11.83 min Scan# 3263
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	33.7	50.5
148	62.9	50.6	75.8

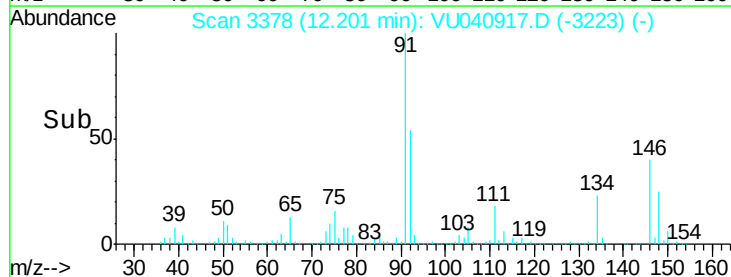
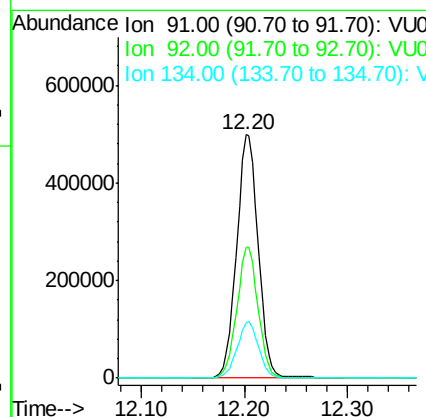
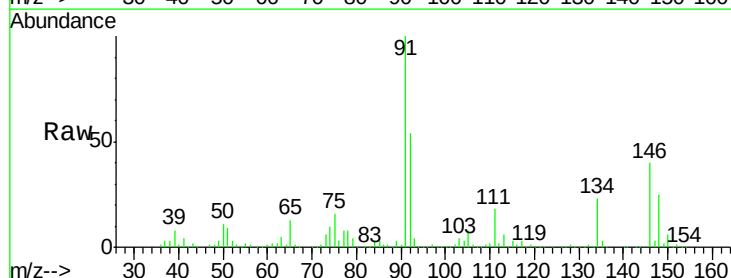
Manual Integrations
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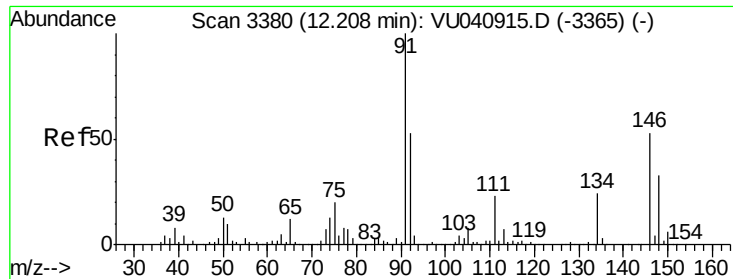
MMDadoda
10/26/2020 4:15:15 PM



#84
n-Butylbenzene
Concen: 10.763 ug/l
RT: 12.20 min Scan# 3378
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.8	41.7	62.5
134	23.0	18.6	28.0





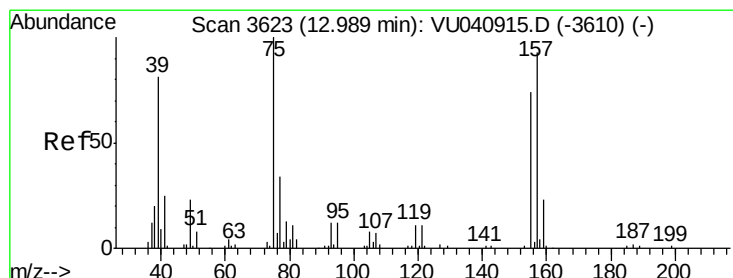
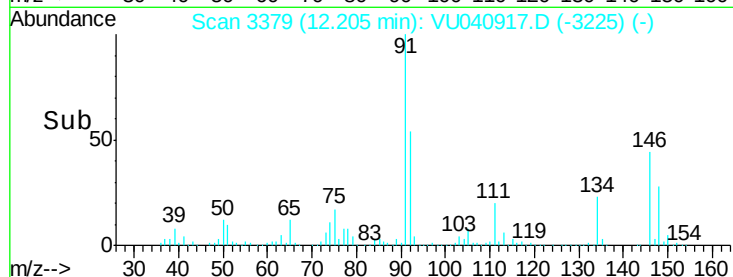
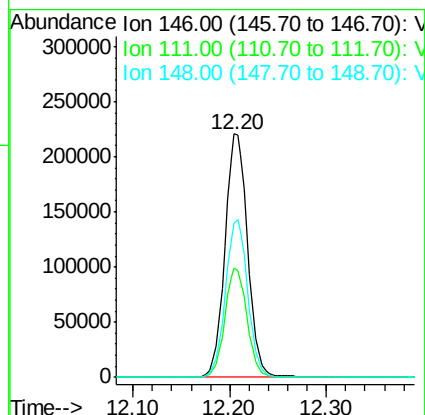
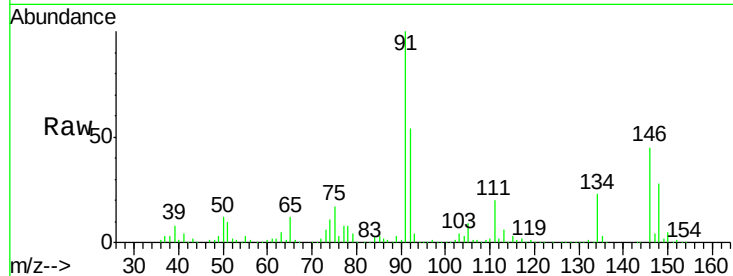
#85
 1,2-Dichlorobenzene
 Concen: 9.523 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.3	66.9
148	63.5	31.5	94.5

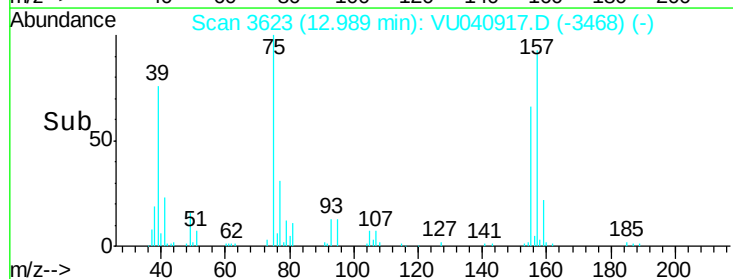
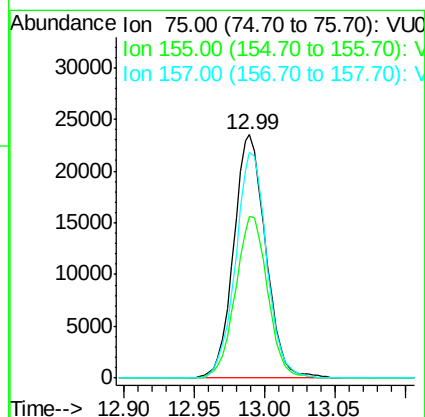
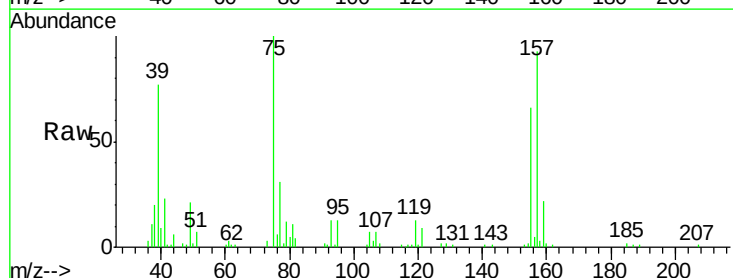
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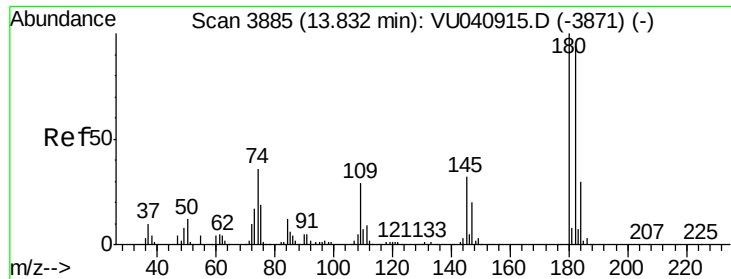
MMDadoda
 10/26/2020 4:15:15 PM



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.566 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	66.7	57.1	85.7
157	90.2	72.4	108.6





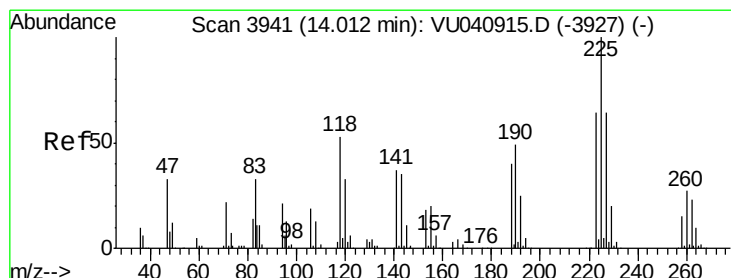
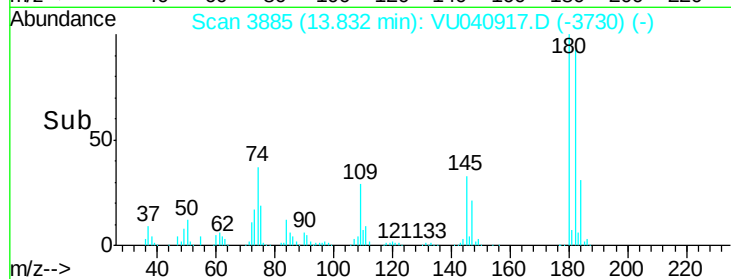
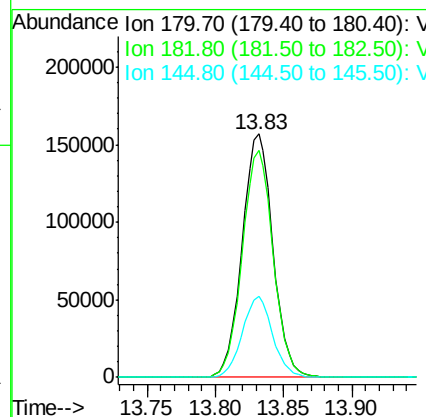
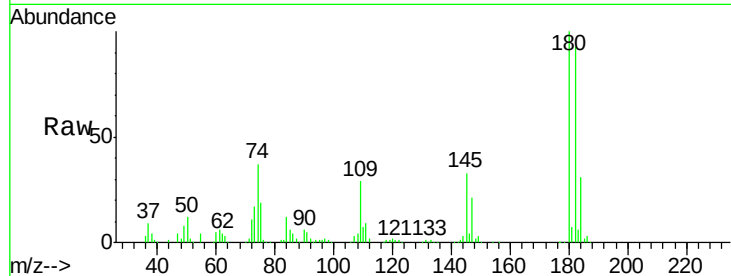
#87
 1,2,4-Trichlorobenzene
 Concen: 11.116 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU102220

Tot Ion	Ratio	Resp	Lower	Upper
180	100	245058		
182	93.7	75.4	113.2	
145	32.8	25.4	38.0	

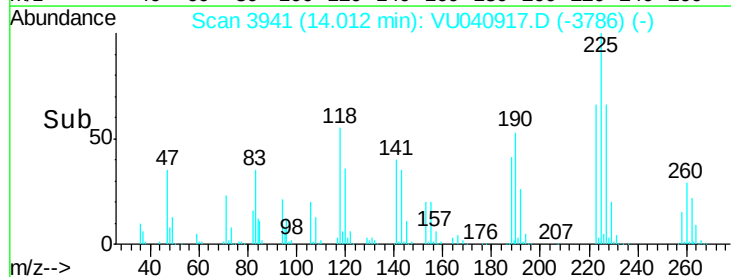
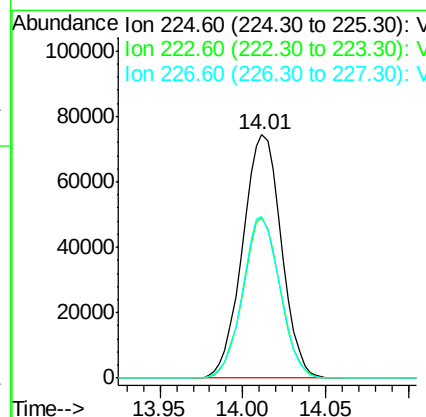
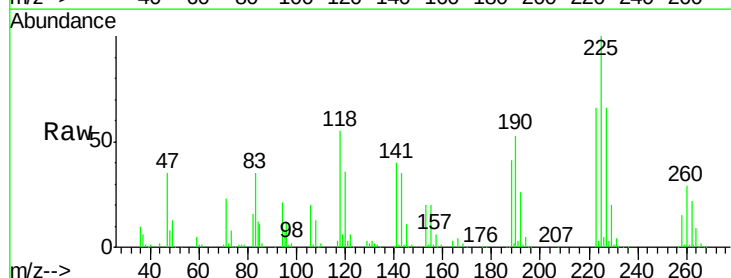
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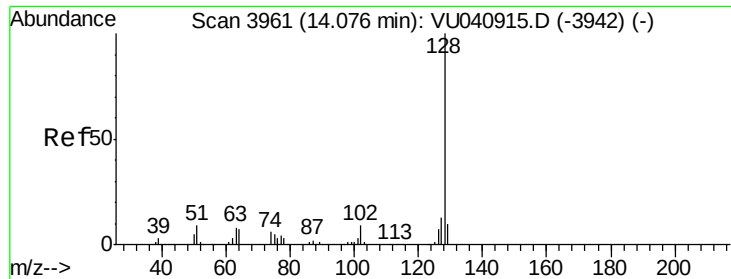
MMDadoda
 10/26/2020 4:15:15 PM



#88
 Hexachlorobutadiene
 Concen: 9.758 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040917.D
 Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	120771		
223	63.3	49.9	74.9	
227	63.9	51.1	76.7	





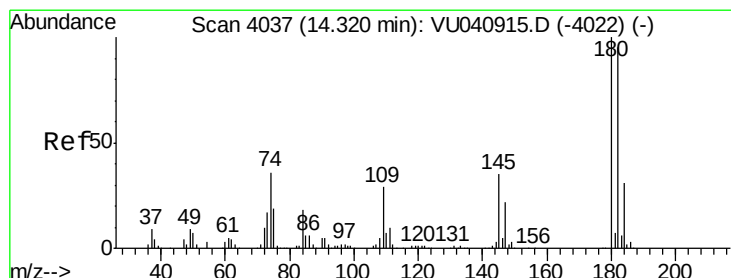
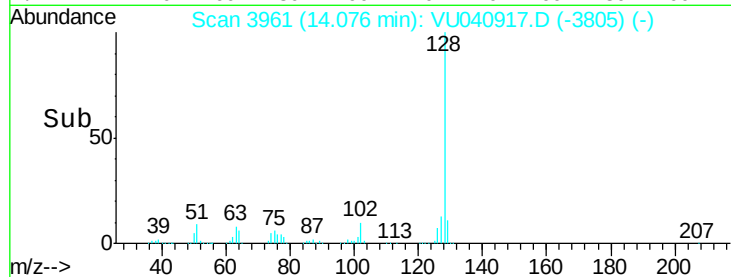
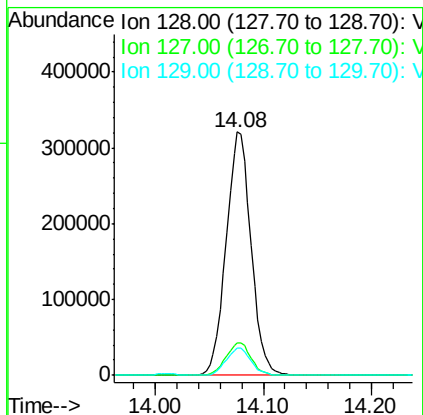
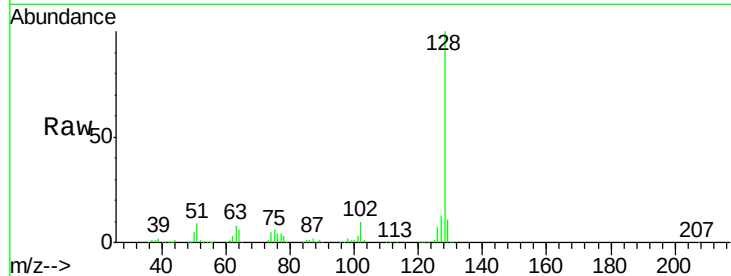
#89
Naphthalene
Concen: 9.337 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU102220

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.7	16.1
129	11.1	8.6	13.0

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 11.050 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU040917.D
Acq: 22 Oct 2020 21:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	34.6	28.0	42.0

