

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102220\
 Data File : VU040923.D
 Acq On : 23 Oct 2020 01:20
 Operator : SY/MD
 Sample : VU1022WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 4:15:45 PM

Quant Time: Oct 23 07:46:08 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	54703	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	18336	0.92	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	19814	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	50917	1.996	ug/l	94
3) Chloromethane	1.53	50	54963	2.067	ug/l	99
4) Vinyl Chloride	1.61	62	50877	2.055	ug/l	98
5) Bromomethane	1.87	94	30181	2.074	ug/l	97
6) Chloroethane	1.94	64	30791	2.035	ug/l	99
7) Trichlorofluoromethane	2.15	101	65818	2.104	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	34449	1.980	ug/l	97
9) 1,1-Dichloroethene	2.59	96	31191	2.059	ug/l	98
10) Iodomethane	2.74	142	32315	2.078	ug/l	97
11) Allyl Chloride	2.94	41	63272	2.028	ug/l	100
12) Acrylonitrile	3.35	53	20690	3.874	ug/l #	89
13) Acetone	2.66	43	50175m	11.224	ug/l	
14) Carbon Disulfide	2.81	76	116206	2.041	ug/l	100
15) Methylene Chloride	3.06	84	40633	2.065	ug/l	94
16) trans-1,2-Dichloroethene	3.37	96	35956	2.097	ug/l	95
17) 1,1-Dichloroethane	3.89	63	73071	2.084	ug/l	99
18) 2-Butanone	4.75	43	80272	11.101	ug/l	93
19) Cyclohexane	5.40	56	67368m	2.041	ug/l	
20) Methylcyclohexane	6.77	83	42570	1.724	ug/l	92
21) 2,2-Dichloropropane	4.68	77	54824	1.851	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	36310	1.985	ug/l	99
23) Diethyl Ether	2.39	59	31845	2.129	ug/l	98
24) tert-Butyl Alcohol	3.28	59	21880m	13.112	ug/l	
25) Methyl tert-Butyl Ether	3.38	73	96360	2.051	ug/l	97
26) Bromochloromethane	4.99	128	16200	2.037	ug/l	96
27) Chloroform	5.11	83	69384	2.070	ug/l	94
28) 1,1,1-Trichloroethane	5.33	97	58255	2.016	ug/l	98
29) 1,1-Dichloropropene	5.54	75	49850	1.969	ug/l	97
30) Carbon Tetrachloride	5.54	117	52737	2.016	ug/l	94
31) Isopropyl Ether	4.02	45	108525	2.001	ug/l	97
32) Ethyl-t-butyl ether	4.53	59	96605	2.023	ug/l	98
33) Tert-Amyl methyl ether	5.96	73	66315	1.864	ug/l	99
34) Propionitrile	4.84	54	23104m	11.637	ug/l	
35) Benzene	5.79	78	140409	2.001	ug/l	99
36) 1,2-Dichloroethane	5.81	62	54735	2.104	ug/l	98
37) Trichloroethene	6.55	130	33524	2.021	ug/l	96
38) 1,2-Dichloropropane	6.80	63	40081	2.013	ug/l	90
39) Methacrylonitrile	5.00	41	18726	2.012	ug/l #	93
40) Methyl acrylate	4.87	55	26533	2.079	ug/l	97
41) Tetrahydrofuran	5.10	42	18915	3.951	ug/l #	79
42) 1-Chlorobutane	5.47	56	79387	2.074	ug/l	99

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 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Oct 23 07:46:08 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)
43) Dibromomethane	6.93	93	22882	2.051	ug/l	96
44) Bromodichloromethane	7.12	83	54085	2.088	ug/l	95
45) 4-Methyl-2-Pentanone	7.81	43	139637	9.532	ug/l	95
46) t-1,4-Dichloro-2-butene	10.83	75	21054m	3.634	ug/l	
47) Methyl methacrylate	6.98	69	35479	3.808	ug/l	99
48) Ethyl methacrylate	8.34	69	27372	1.746	ug/l	94
49) Toluene	7.97	92	72082	1.868	ug/l	91
50) t-1,3-Dichloropropene	8.22	75	41297	1.844	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	46775	1.906	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	31076	2.203	ug/l	90
53) 1,3-Dichloropropane	8.58	76	50100	1.978	ug/l	99
54) 2-Hexanone	8.70	43	100328	9.803	ug/l	95
55) Dibromochloromethane	8.81	129	34333	2.030	ug/l	99
56) 1,2-Dibromoethane	8.93	107	27286	2.086	ug/l	100
58) Tetrachloroethene	8.56	164	29880	1.927	ug/l	94
59) Chlorobenzene	9.45	112	77095	1.887	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	32254	2.009	ug/l	98
61) Pentachloroethane	11.42	117	26742	2.062	ug/l	95
62) Hexachloroethane	12.47	117	27205	2.061	ug/l	97
63) Ethyl Benzene	9.57	91	116013	1.714	ug/l	98
64) m/p-Xylenes	9.69	106	90680	3.394	ug/l	100
65) o-Xylene	10.10	106	41639	1.752	ug/l	98
66) Styrene	10.11	104	75853	1.755	ug/l	99
67) Bromoform	10.29	173	18290	1.998	ug/l	98
69) Isopropylbenzene	10.48	105	110965	1.751	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	40418	2.106	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	28399m	1.941	ug/l	
72) Bromobenzene	10.78	156	31671	1.917	ug/l	99
73) n-propylbenzene	10.91	120	31108	1.675	ug/l	93
74) 2-Chlorotoluene	10.98	126	30751	1.870	ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	99586	1.710	ug/l	99
76) 4-Chlorotoluene	11.10	126	33693	1.977	ug/l	94
77) tert-Butylbenzene	11.42	119	99868	1.864	ug/l	95
78) 1,2,4-Trimethylbenzene	11.47	105	104723	1.735	ug/l	98
79) sec-Butylbenzene	11.64	105	135194	1.818	ug/l	98
80) Nitrobenzene	13.20	77	8435	9.291	ug/l	95
81) p-Isopropyltoluene	11.79	119	108817	1.749	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	73099	2.028	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	74351	2.040	ug/l	98
84) n-Butylbenzene	12.20	91	105392	1.693	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	70809	2.054	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	7840	2.188	ug/l	88
87) 1,2,4-Trichlorobenzene	13.83	180	34452	1.705	ug/l	97
88) Hexachlorobutadiene	14.01	225	21843	1.925	ug/l	95
89) Naphthalene	14.08	128	63539	1.875	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	34525	1.756	ug/l	96

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

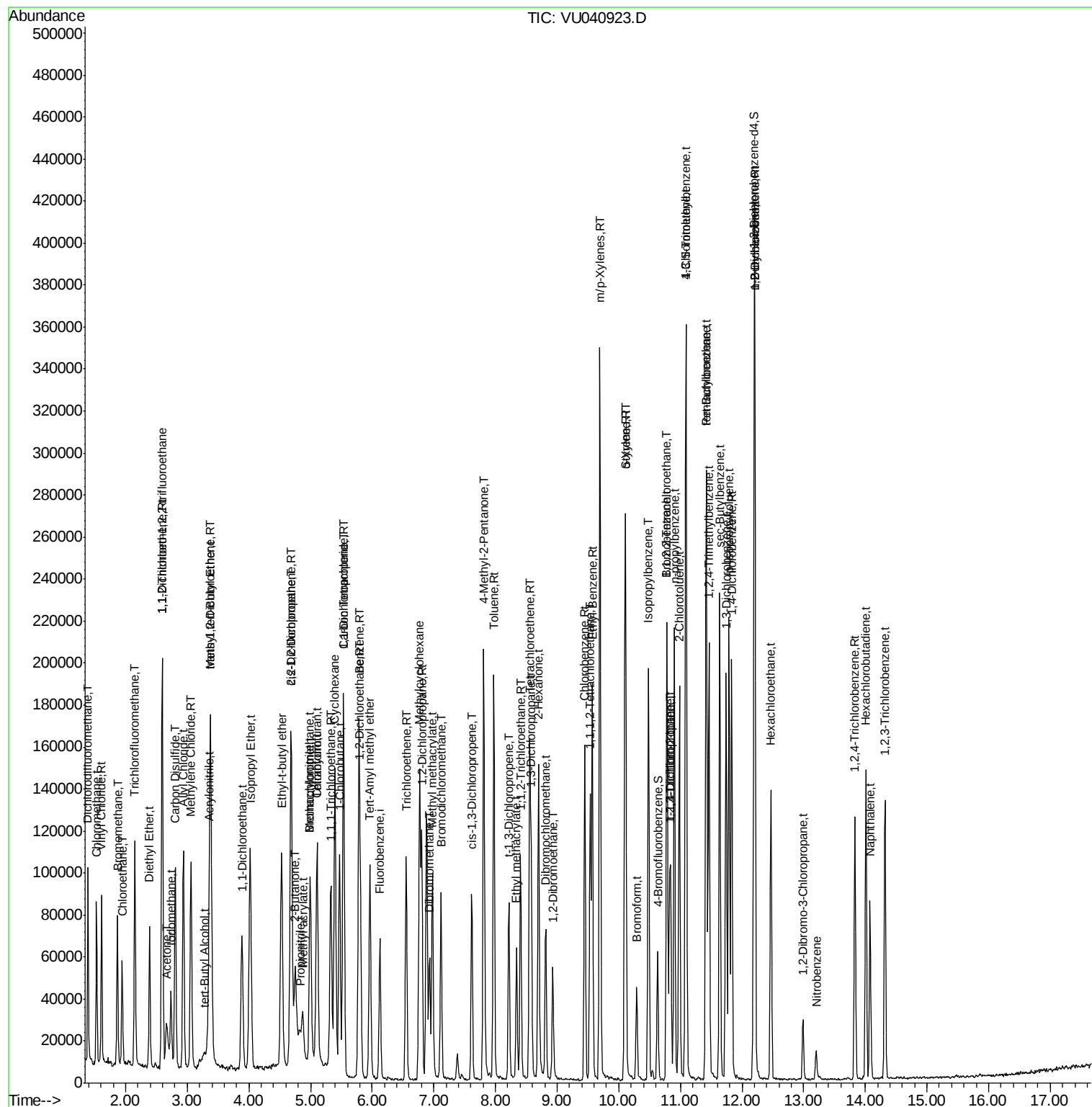
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102220\
Data File : VU040923.D
Acq On : 23 Oct 2020 01:20
Operator : SY/MD
Sample : VU1022WBSD01
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

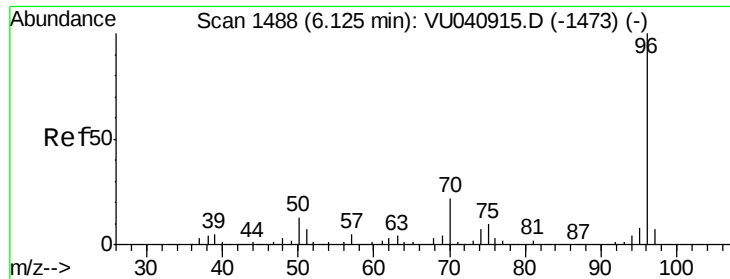
Instrument :
MSVOA_U
ClientSampleID :
VU1022WBSD01

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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: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion: 96 Resp: 54703

Ion Ratio Lower Upper

96 100

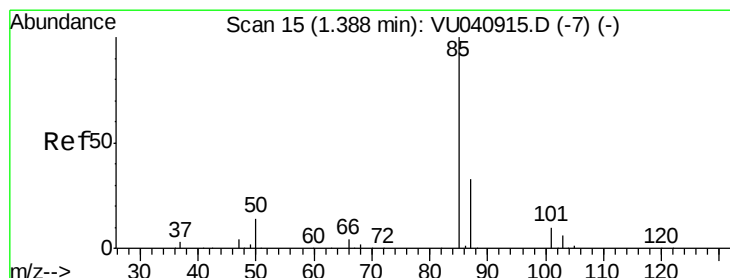
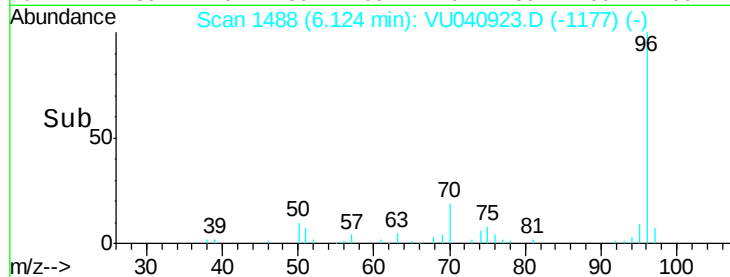
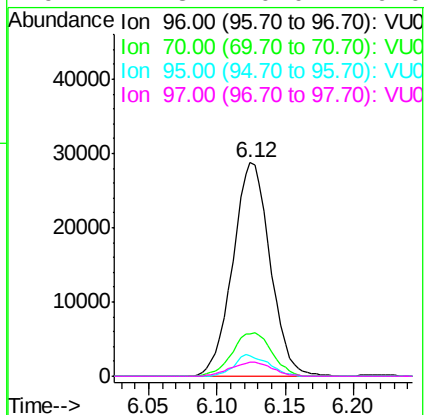
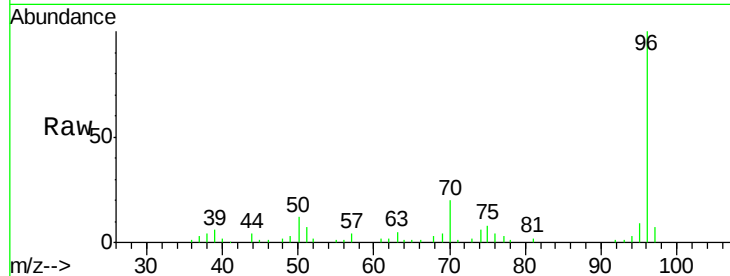
70 21.6 16.3 24.5

95 9.1 7.3 10.9

97 7.3 0.0 0.0#

Manual Integrations
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10/26/2020 4:15:45 PM



#2

Dichlorodifluoromethane

Concen: 1.996 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040923.D

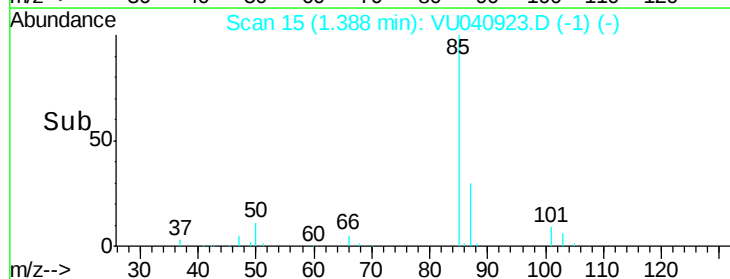
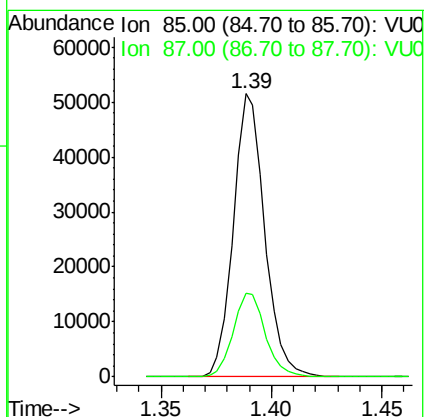
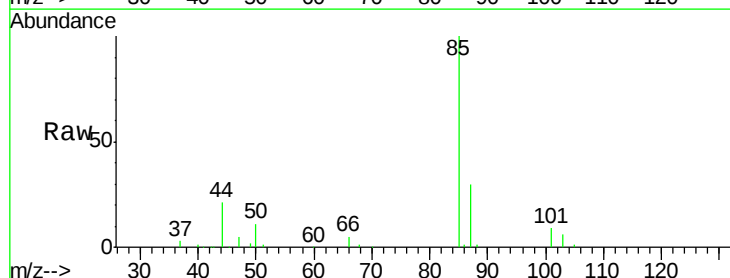
Acq: 23 Oct 2020 01:20

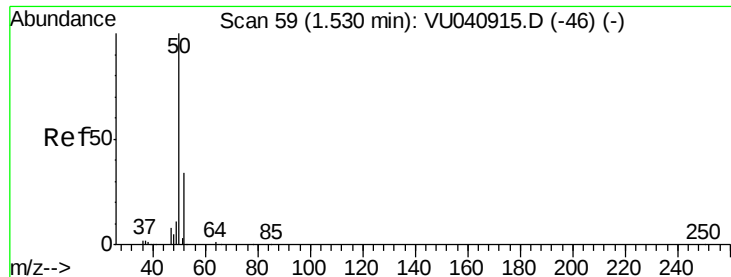
Tgt Ion: 85 Resp: 50917

Ion Ratio Lower Upper

85 100

87 29.8 16.5 49.5





#3

Chloromethane

Concen: 2.067 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion: 50 Resp: 54963

Ion Ratio Lower Upper

50 100

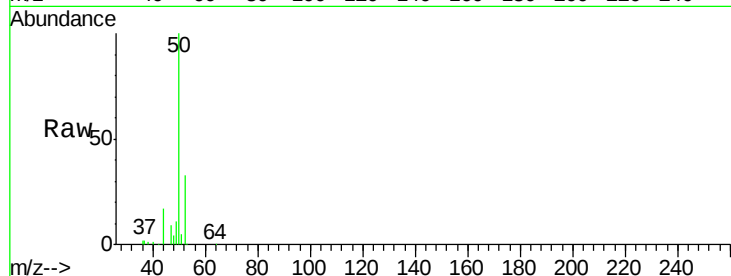
52 32.8 26.9 40.3

Manual Integrations

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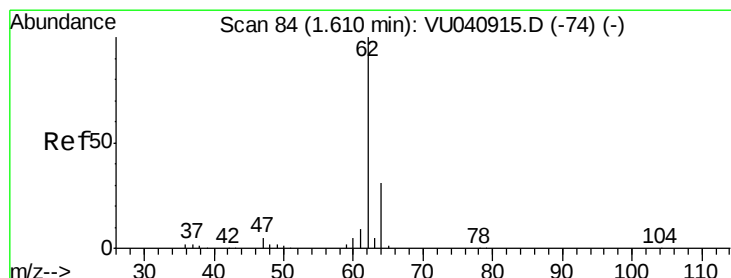
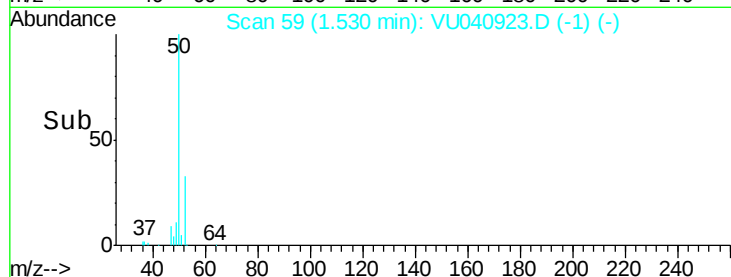
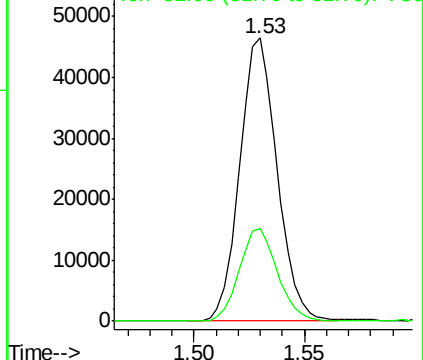
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 2.055 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040923.D

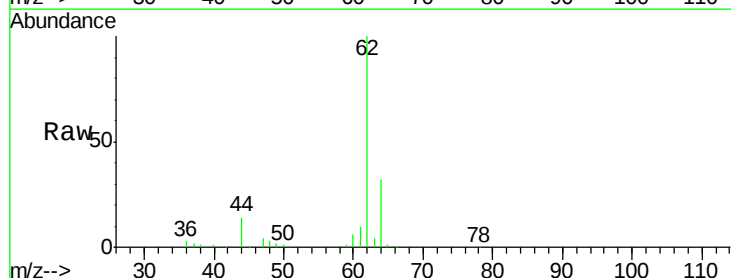
Acq: 23 Oct 2020 01:20

Tgt Ion: 62 Resp: 50877

Ion Ratio Lower Upper

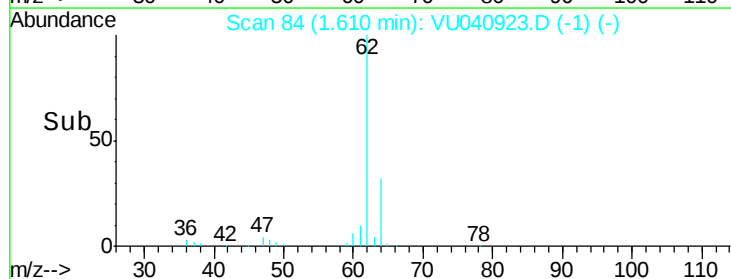
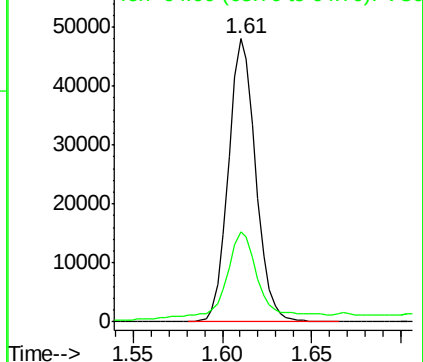
62 100

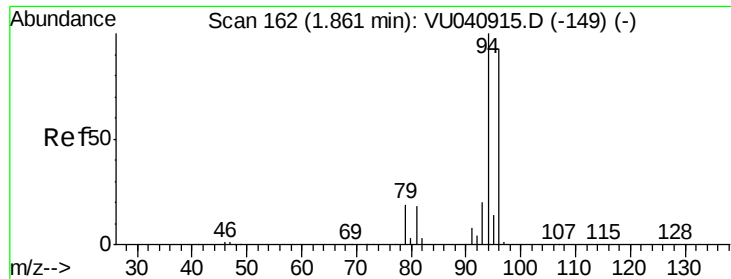
64 29.7 24.7 37.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 2.074 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion: 94 Resp: 30181

Ion Ratio Lower Upper

94 100

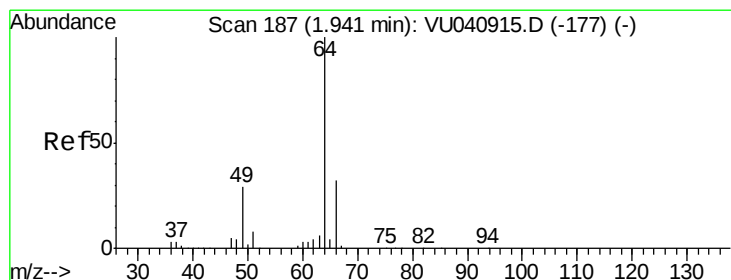
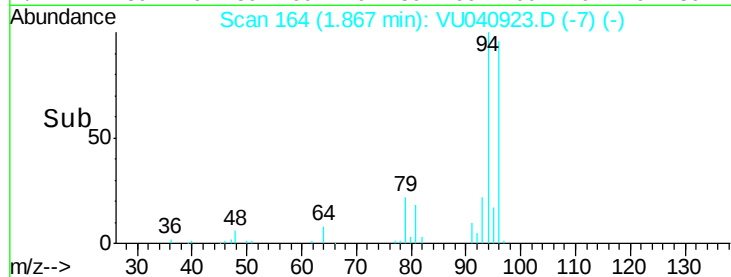
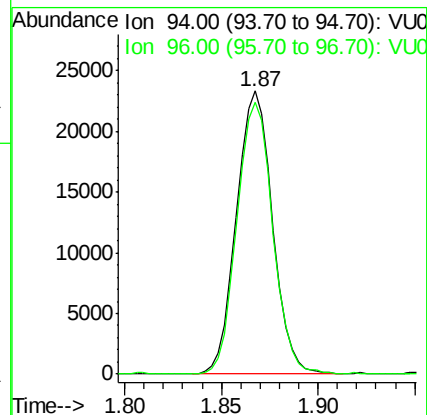
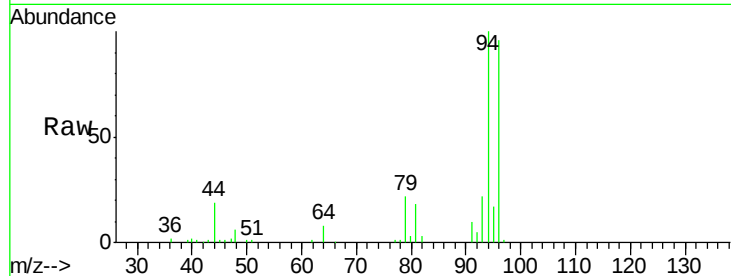
96 96.1 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 2.035 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040923.D

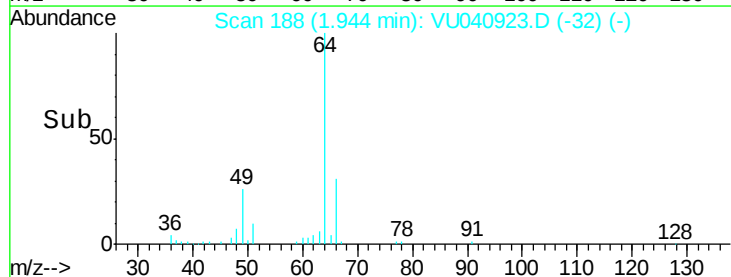
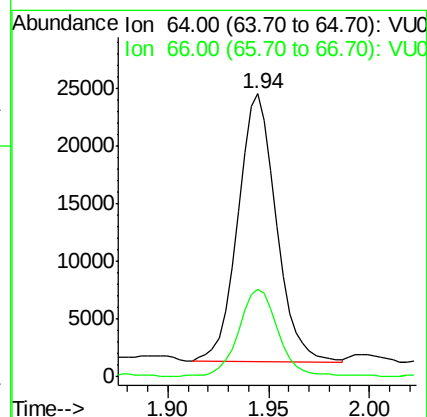
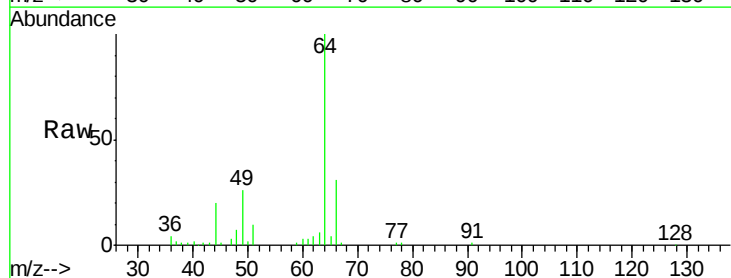
Acq: 23 Oct 2020 01:20

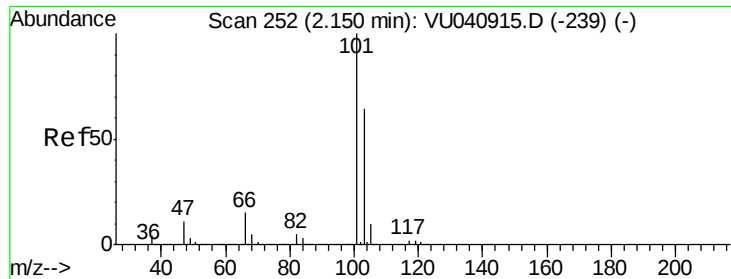
Tgt Ion: 64 Resp: 30791

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2





#7

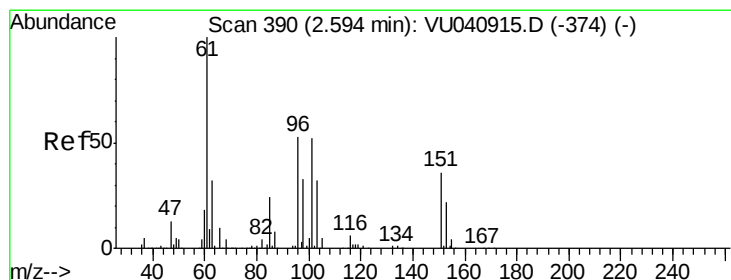
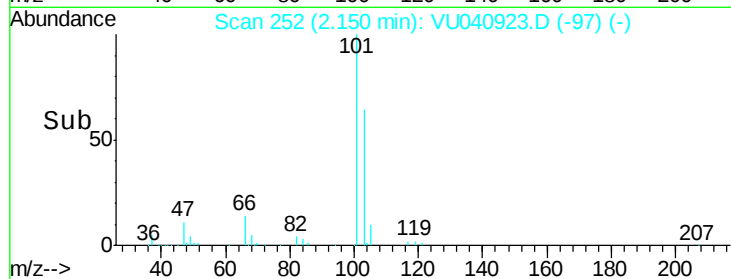
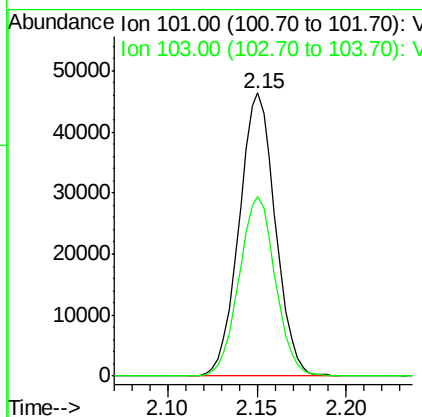
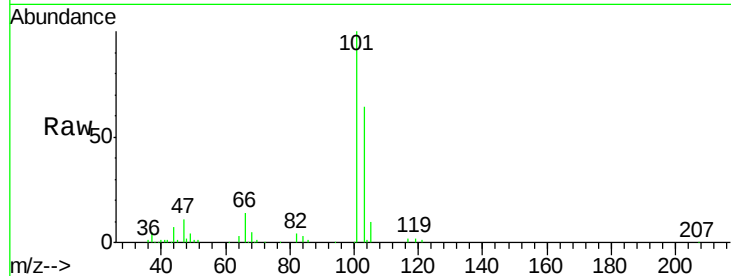
Trichlorofluoromethane
 Concen: 2.104 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
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 ClientSampleId :
 VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	51.5	77.3

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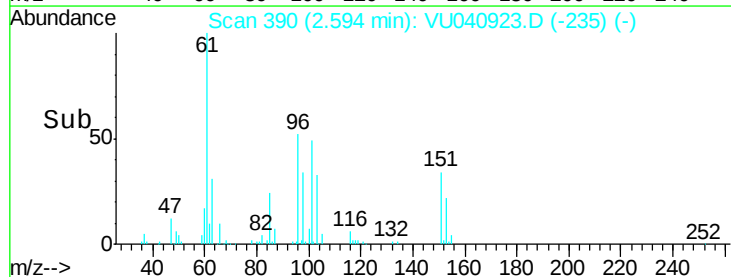
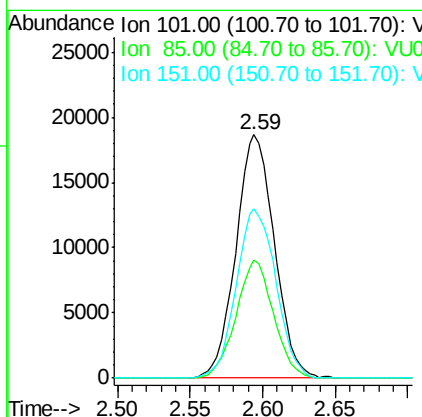
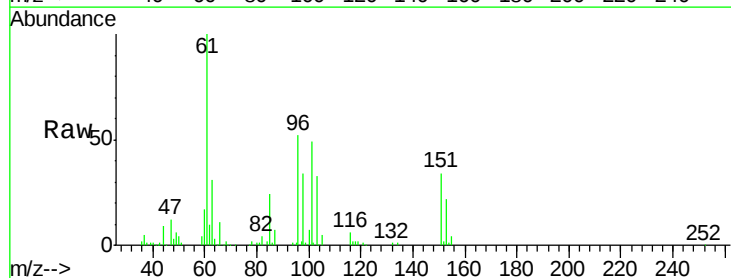
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 10/26/2020 4:15:45 PM

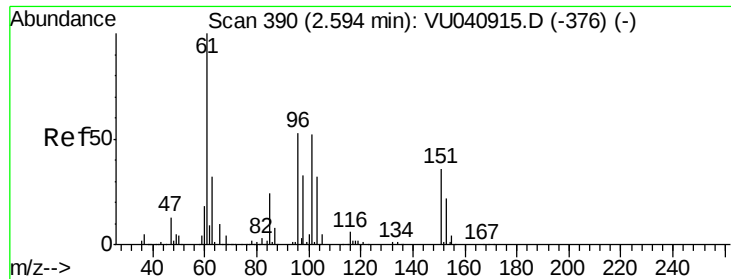


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.980 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.0	36.2	54.2
151	71.6	55.1	82.7





#9

1,1-Dichloroethene

Concen: 2.059 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

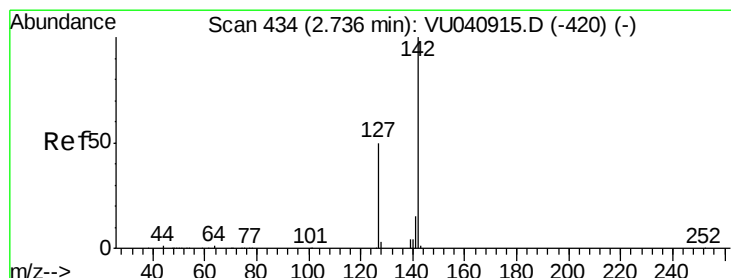
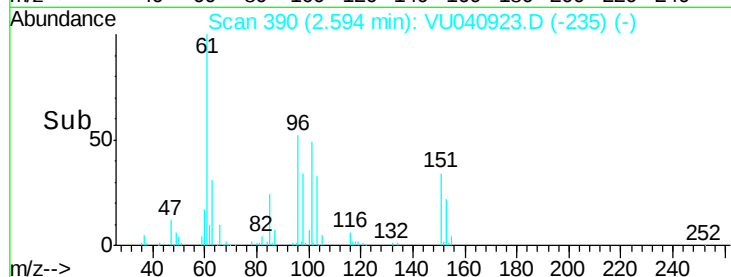
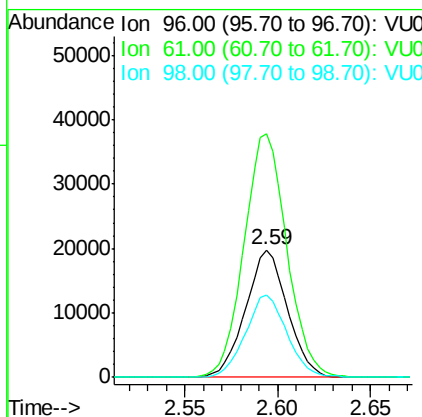
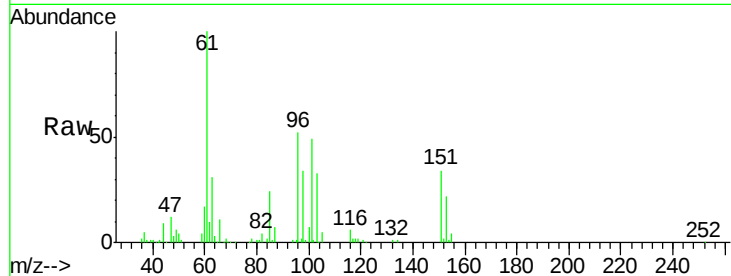
ClientSampleId :

VU1022WBSD01

Tot Ion:	96	Resp:	31191
Ion	Ratio	Lower	Upper
96	100		
61	190.6	0.0	561.9
98	64.5	0.0	125.0

Manual Integrations
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#10

Iodomethane

Concen: 2.078 ug/l

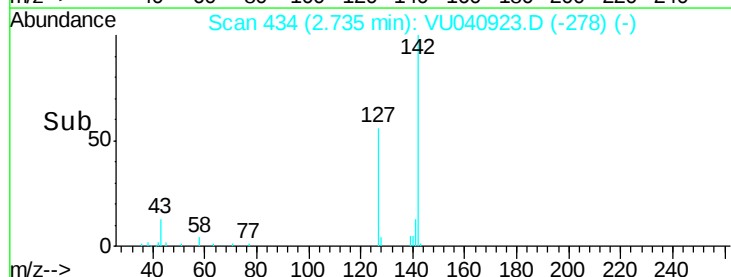
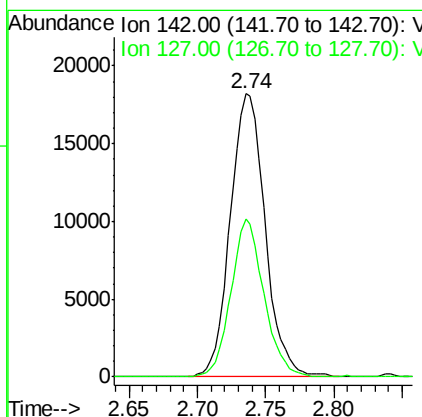
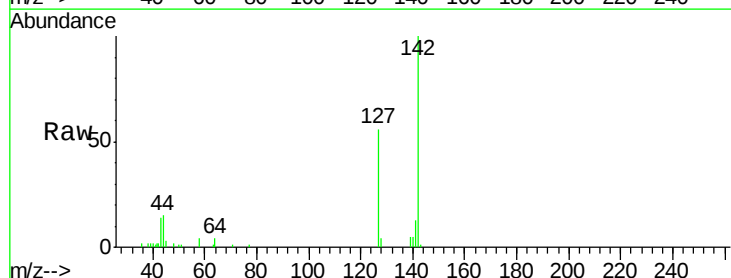
RT: 2.74 min Scan# 434

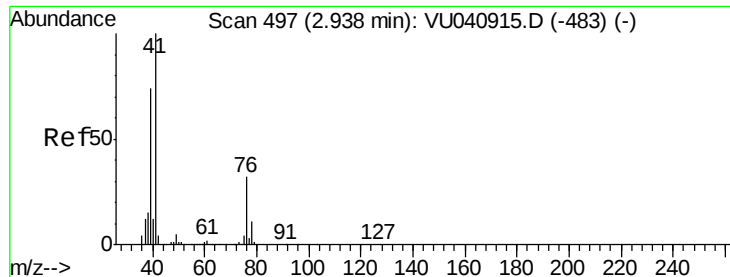
Delta R.T. 0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Tgt Ion:	142	Resp:	32315
Ion	Ratio	Lower	Upper
142	100		
127	52.7	40.6	60.8





#11

Allvl Chloride

Concen: 2.028 ug/l

RT: 2.94 min Scan# 497

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion: 41 Resp: 63272

Ion Ratio Lower Upper

41 100

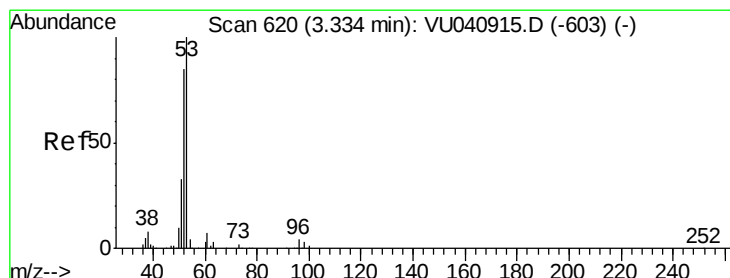
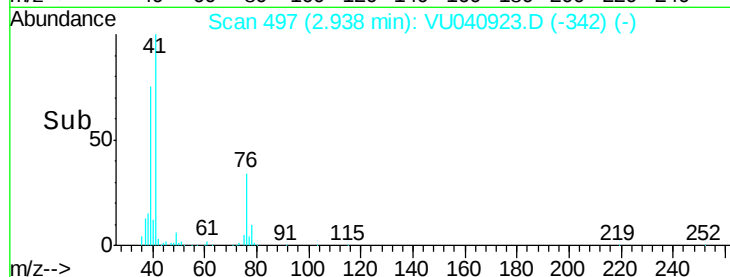
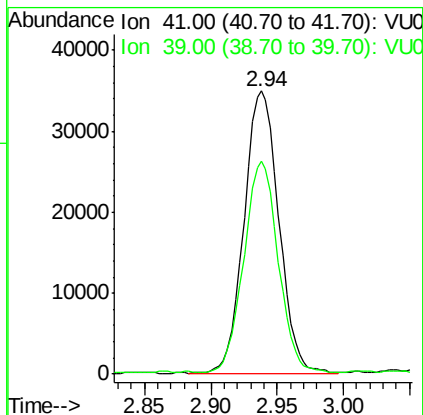
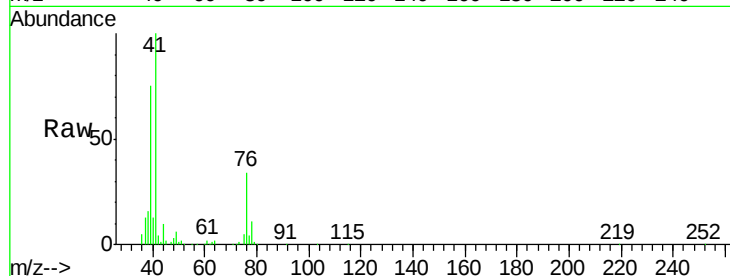
39 73.7 59.0 88.4

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#12

Acrylonitrile

Concen: 3.874 ug/l

RT: 3.35 min Scan# 624

Delta R.T. 0.01 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

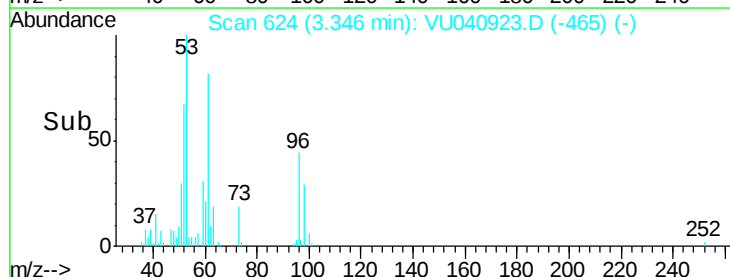
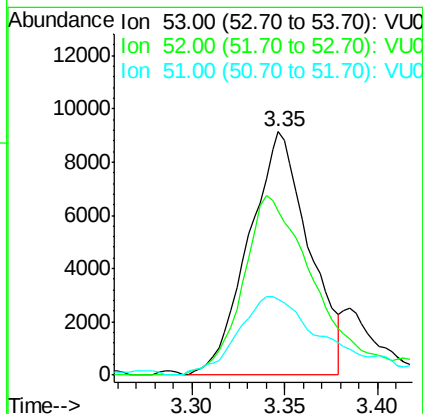
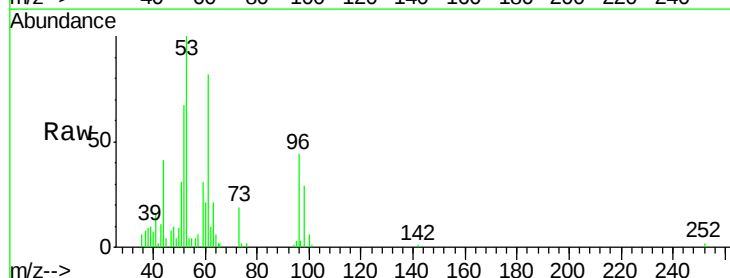
Tgt Ion: 53 Resp: 20690

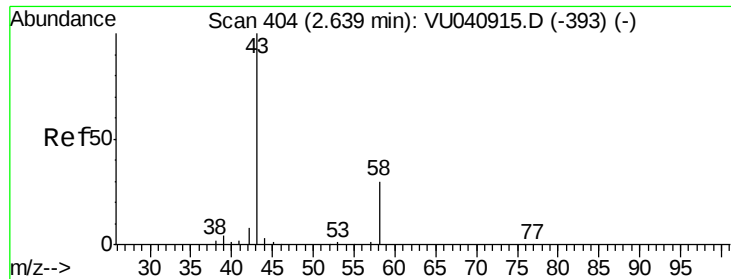
Ion Ratio Lower Upper

53 100

52 87.4 63.1 94.7

51 46.4 30.6 46.0#





#13

Acetone

Concen: 11.224 ug/l m

RT: 2.66 min Scan# 411

Delta R.T. 0.02 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Tot Ion: 43 Resp: 50175

Ion Ratio Lower Upper

43 100

58 32.7 23.6 35.4

Instrument :

MSVOA_U

ClientSampleId :

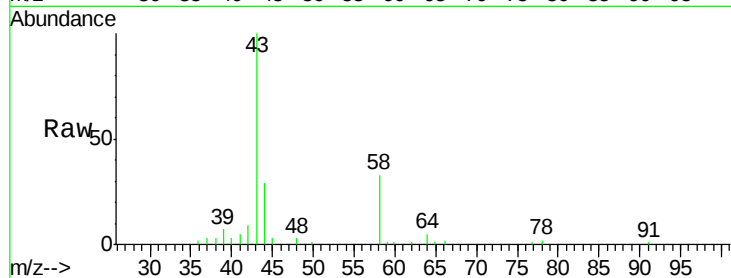
VU1022WBSD01

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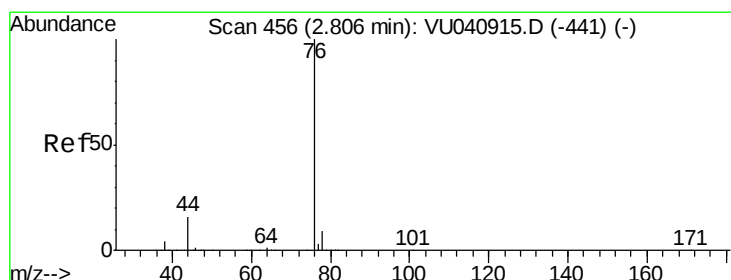
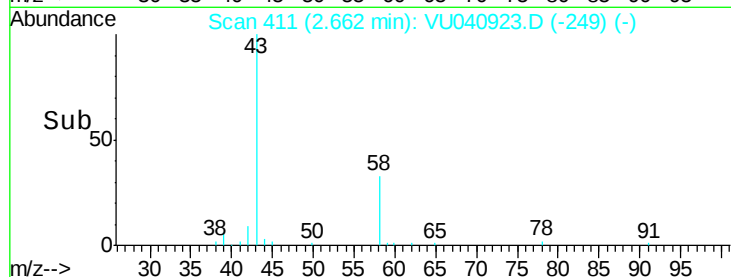
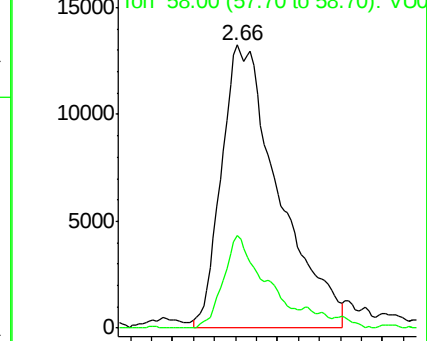
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Abundance Ion 43.00 (42.70 to 43.70): VU040923.D (-249) (-)



#14

Carbon Disulfide

Concen: 2.041 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040923.D

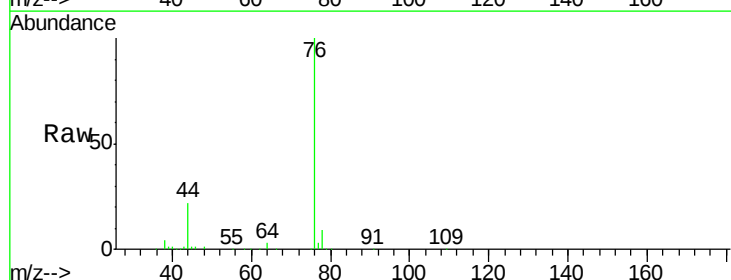
Acq: 23 Oct 2020 01:20

Tgt Ion: 76 Resp: 116206

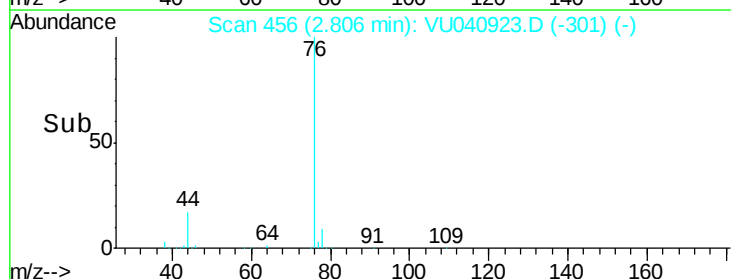
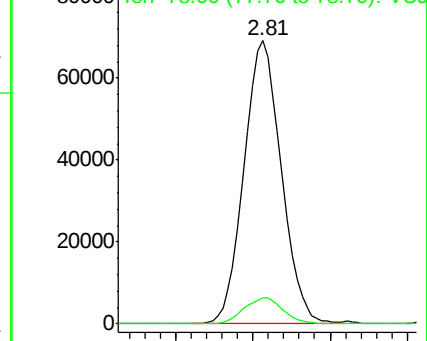
Ion Ratio Lower Upper

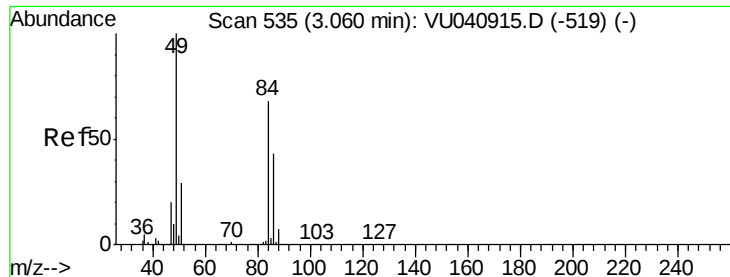
76 100

78 8.8 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU040923.D (-301) (-)





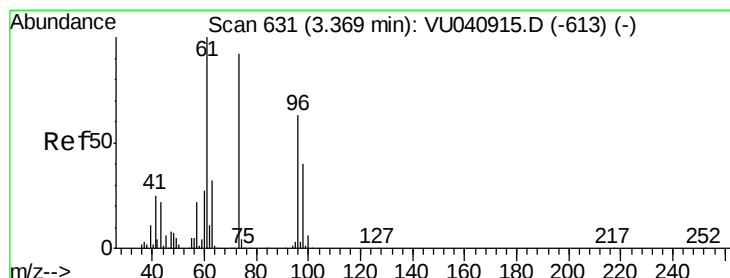
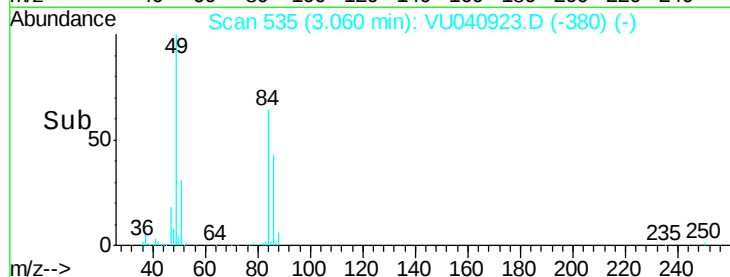
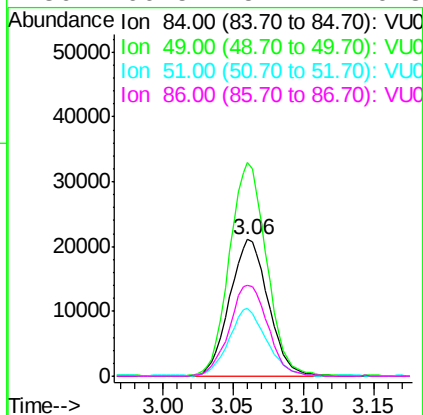
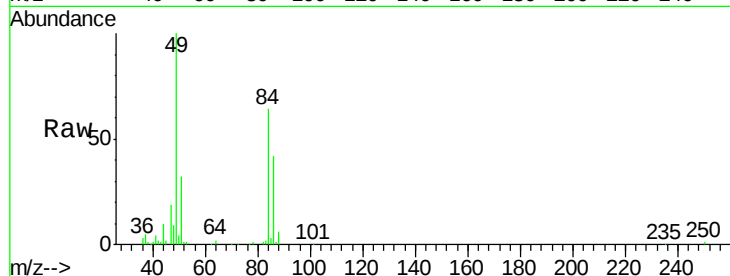
#15
Methvlene Chloride
Concen: 2.065 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion:	84	Resp:	40633
Ion	Ratio	Lower	Upper
84	100		
49	156.0	118.2	177.4
51	49.4	0.0	86.8
86	66.5	51.2	76.8

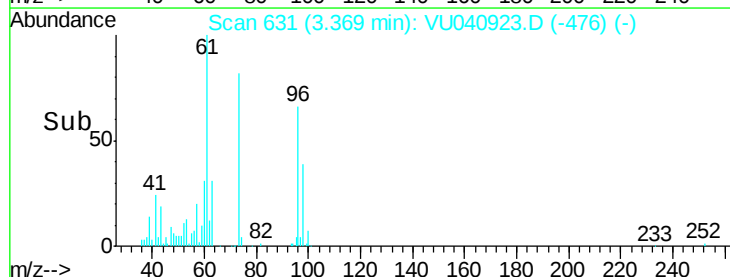
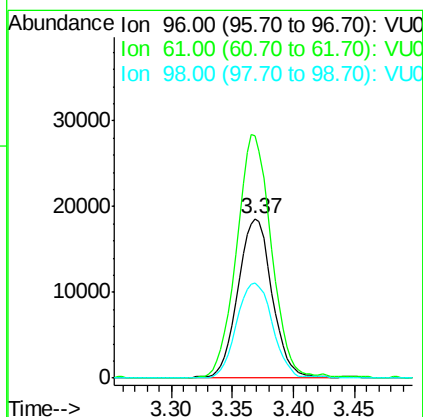
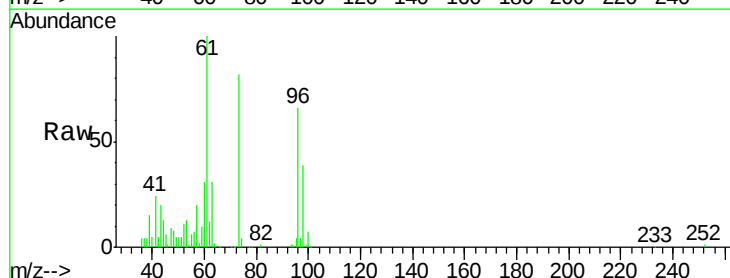
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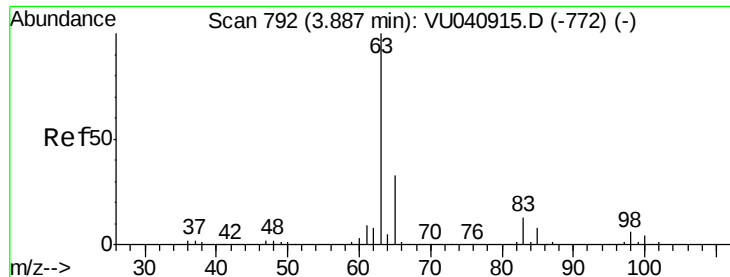
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#16
trans-1,2-Dichloroethene
Concen: 2.097 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion:	96	Resp:	35956
Ion	Ratio	Lower	Upper
96	100		
61	152.2	127.0	190.4
98	59.4	51.2	76.8





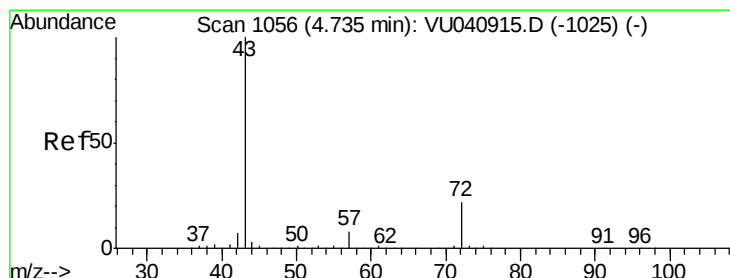
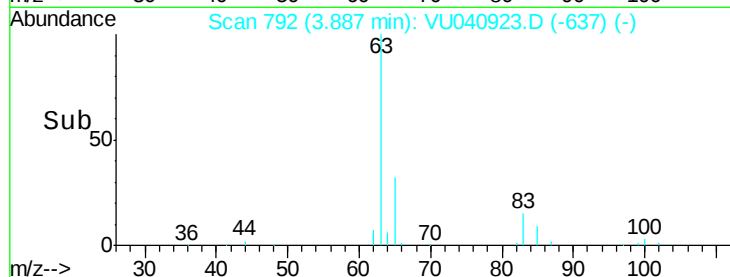
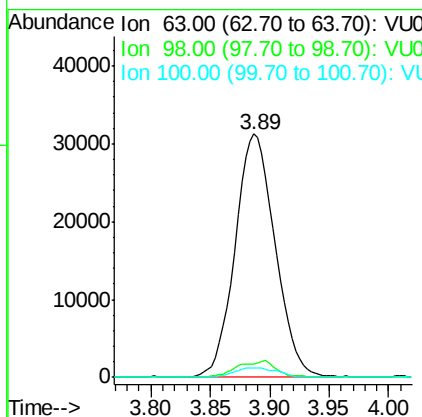
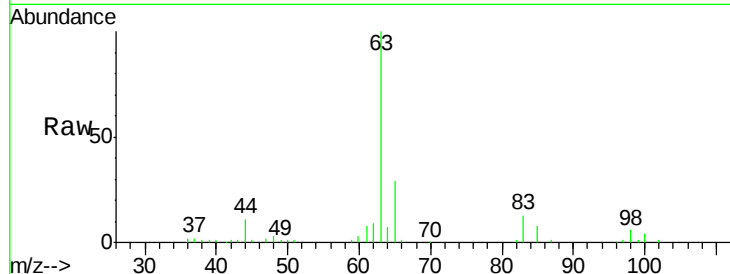
#17
 1,1-Dichloroethane
 Concen: 2.084 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.6	3.0	9.2
100	4.0	1.8	5.5

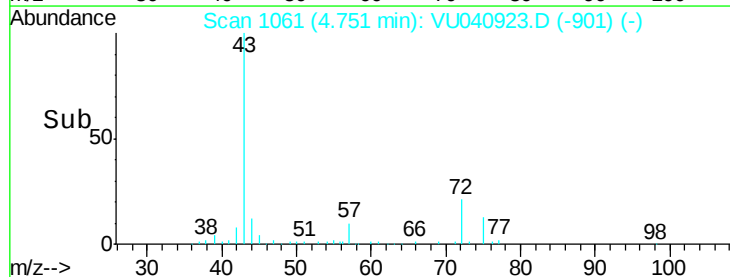
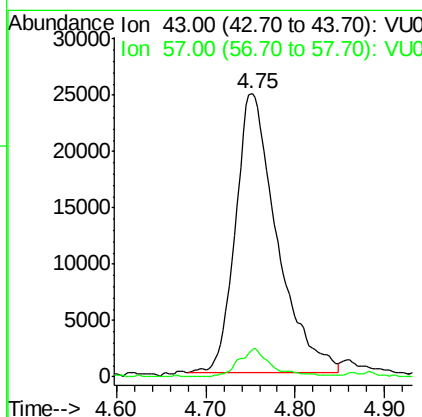
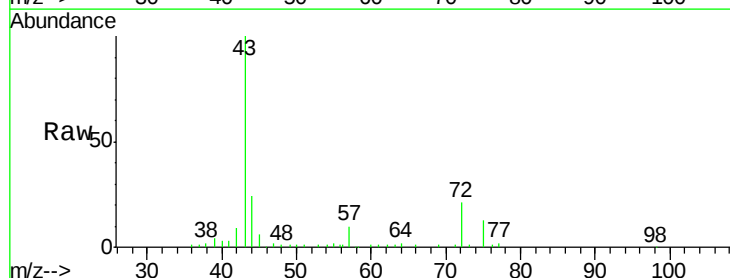
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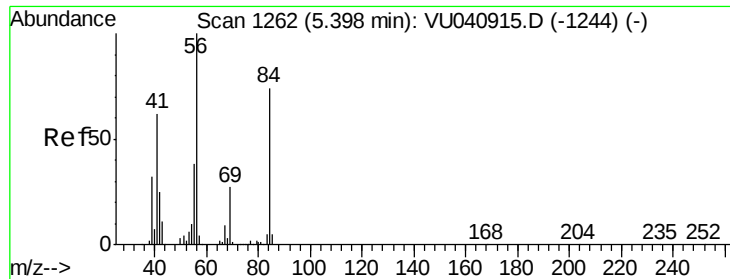
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#18
 2-Butanone
 Concen: 11.101 ug/l
 RT: 4.75 min Scan# 1061
 Delta R.T. 0.02 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
43	100		
57	10.0	0.0	15.2





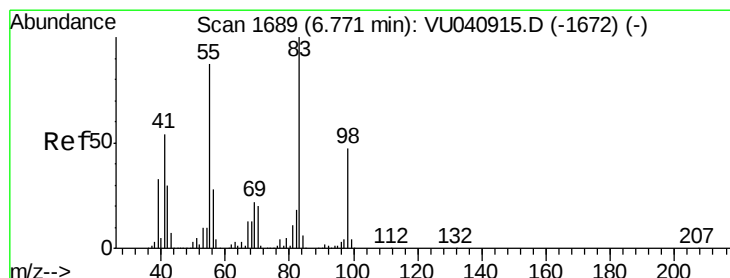
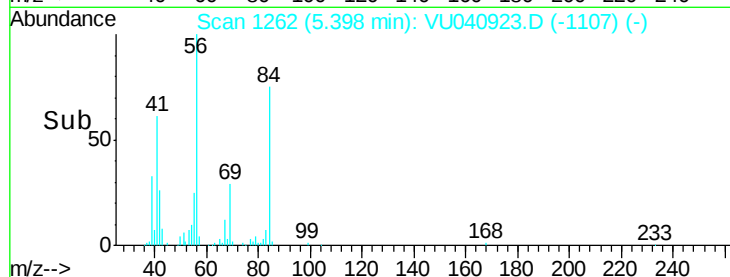
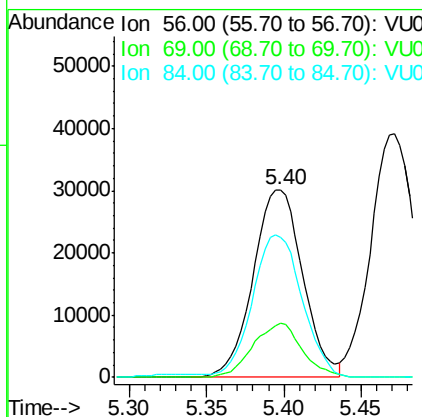
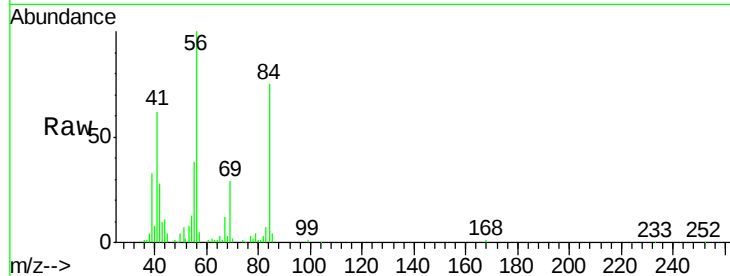
#19
Cyclohexane
Concen: 2.041 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.7	22.2	33.2
84	74.6	60.1	90.1

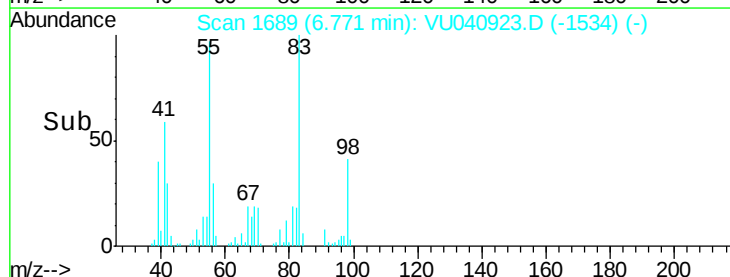
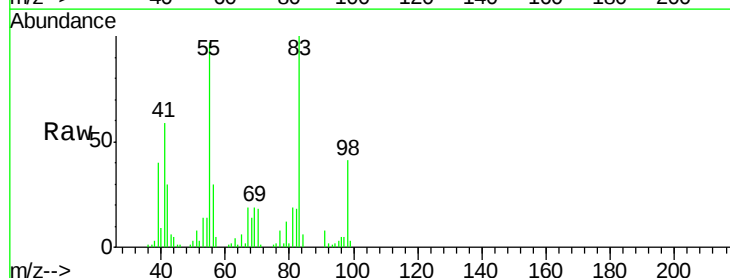
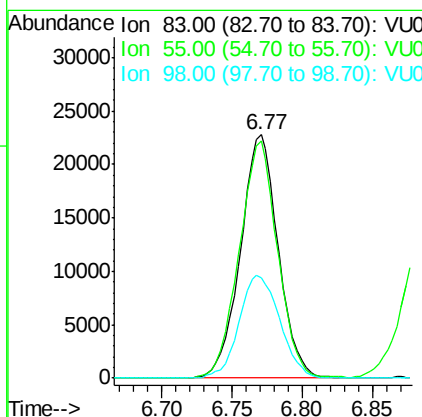
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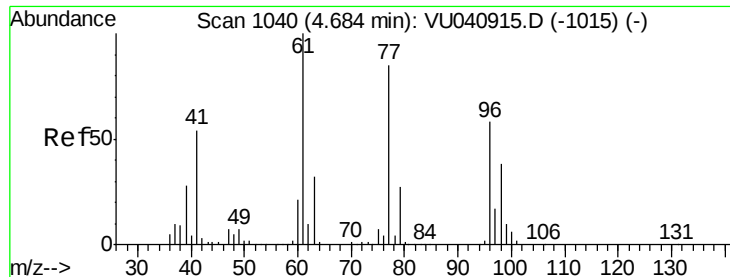
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#20
Methylcyclohexane
Concen: 1.724 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
83	100		
55	99.1	71.0	106.4
98	45.5	38.1	57.1





#21

2,2-Dichloropropane

Concen: 1.851 ug/l

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion: 77 Resp: 54824

Ion Ratio Lower Upper

77 100

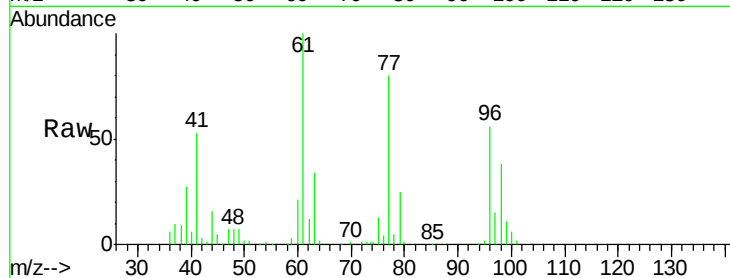
97 19.6 16.0 24.0

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Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

25000

20000

15000

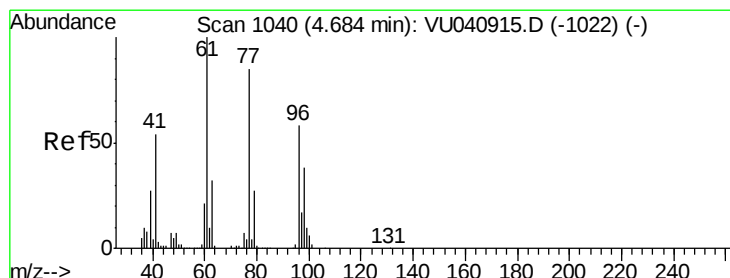
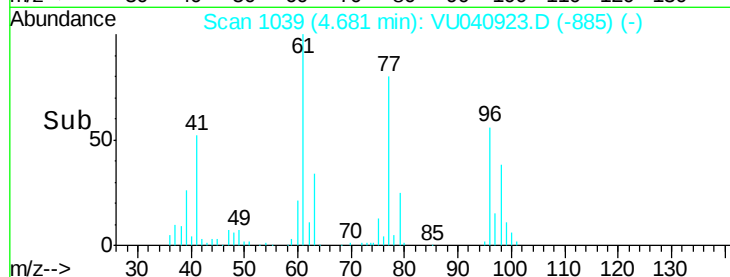
10000

5000

0

4.60 4.65 4.70 4.75

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.985 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

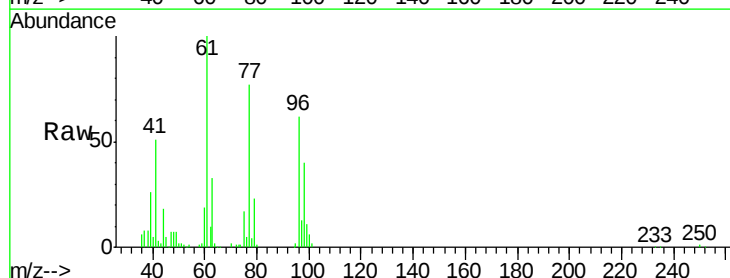
Tgt Ion: 96 Resp: 36310

Ion Ratio Lower Upper

96 100

61 172.6 0.0 434.5

98 66.0 32.6 97.8



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

30000

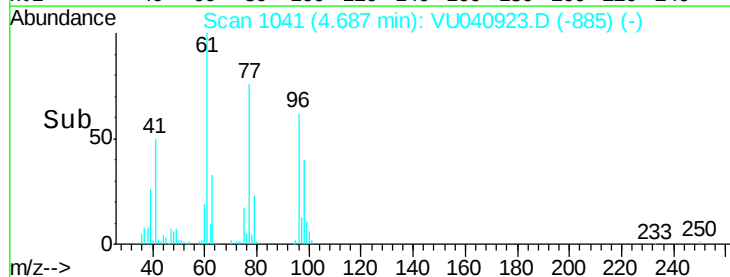
20000

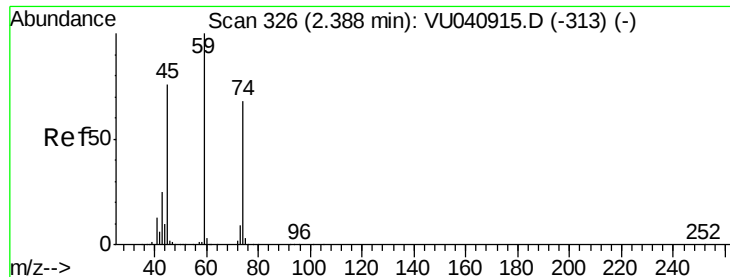
10000

0

4.60 4.65 4.70 4.75

Time-->





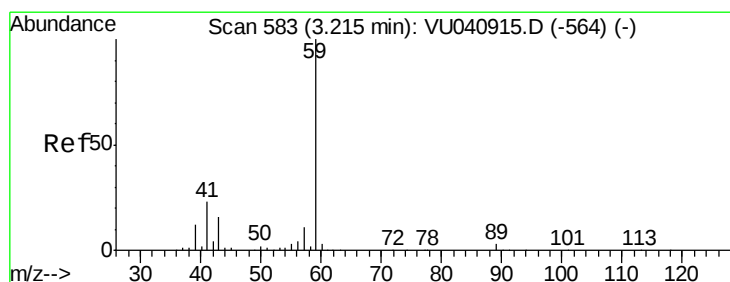
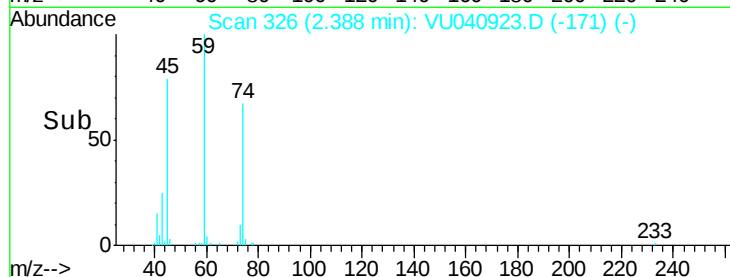
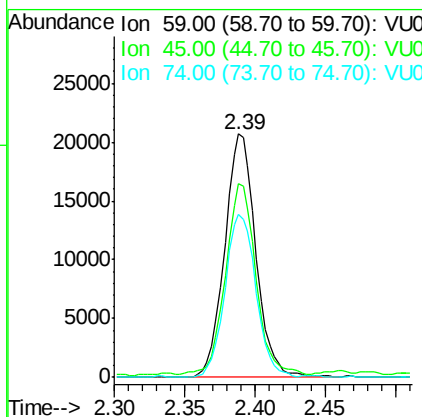
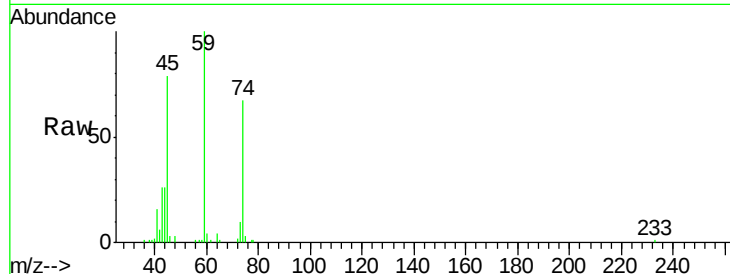
#23
Diethyl Ether
Concen: 2.129 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
45	76.1	61.4	92.2
74	66.6	55.0	82.4

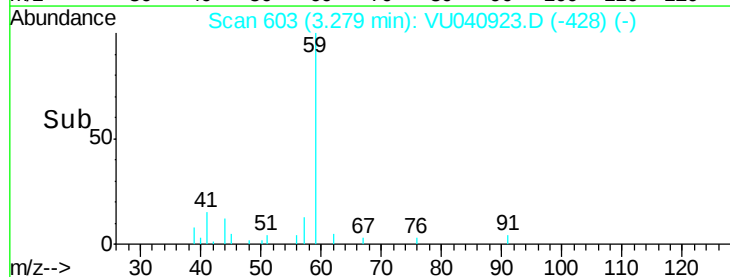
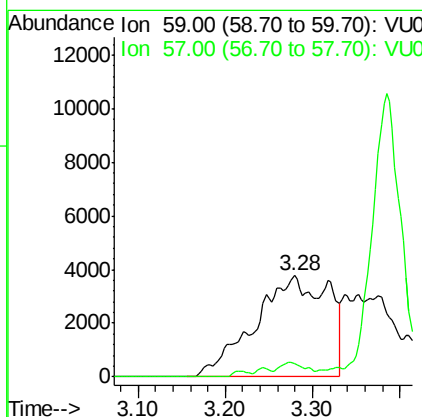
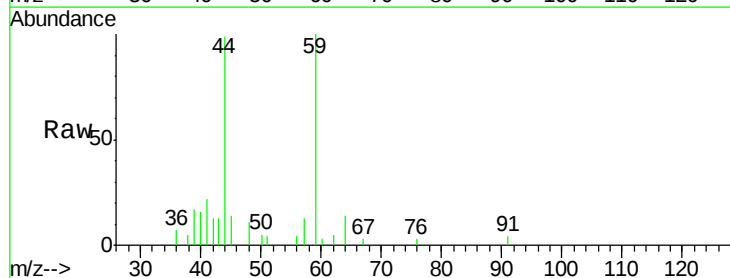
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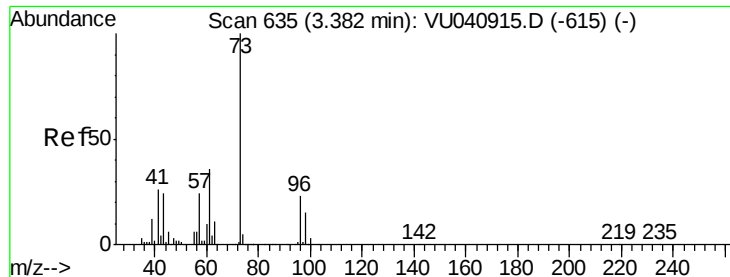
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#24
tert-Butyl Alcohol
Concen: 13.112 ug/l m
RT: 3.28 min Scan# 603
Delta R.T. 0.06 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6





#25

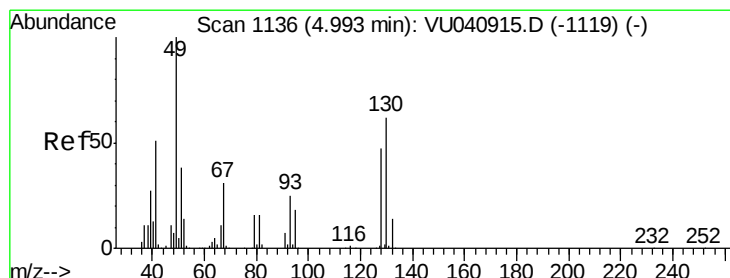
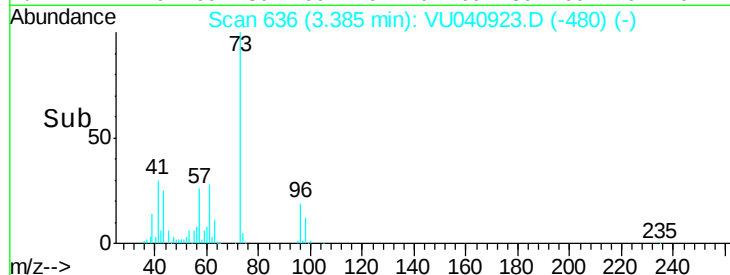
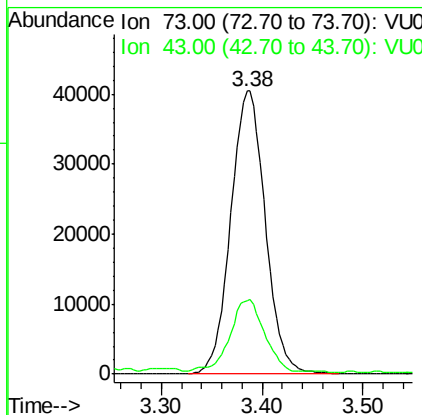
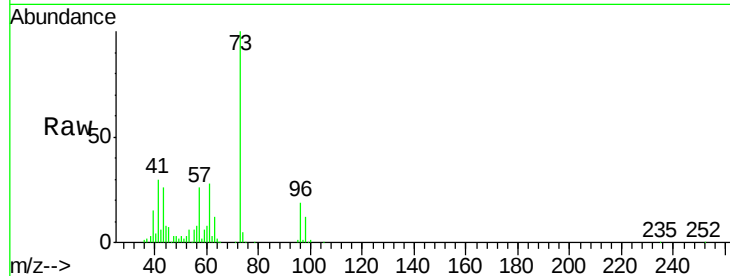
Methyl tert-Butyl Ether
 Concen: 2.051 ug/l
 RT: 3.38 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
43	25.1	19.0	28.6

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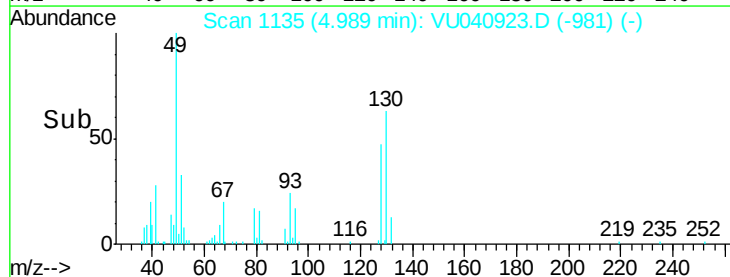
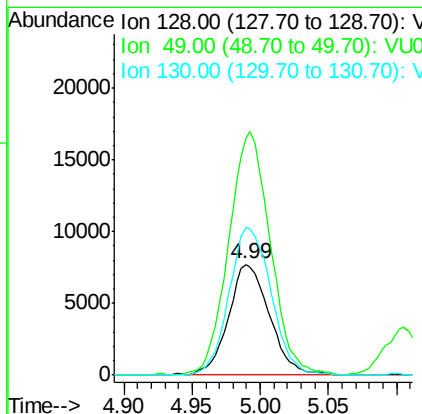
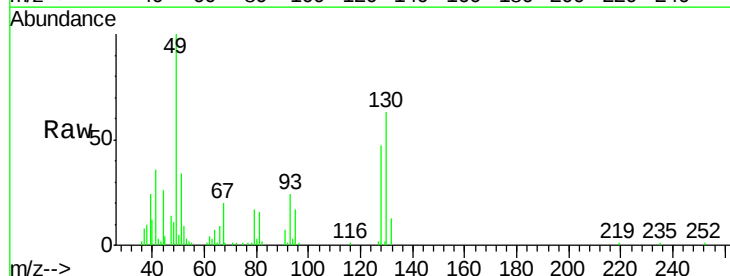
MMDadoda
 10/26/2020 4:15:45 PM

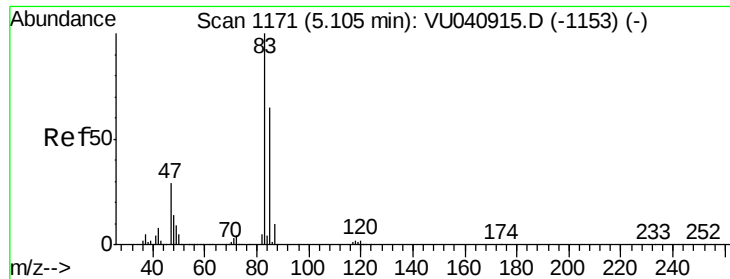


#26

Bromochloromethane
 Concen: 2.037 ug/l
 RT: 4.99 min Scan# 1135
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
128	100		
49	221.7	0.0	426.4
130	136.3	106.2	159.4





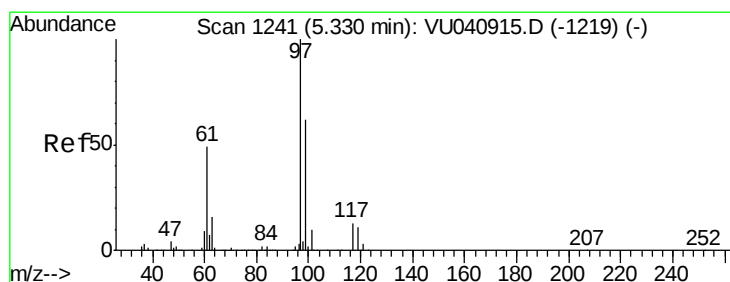
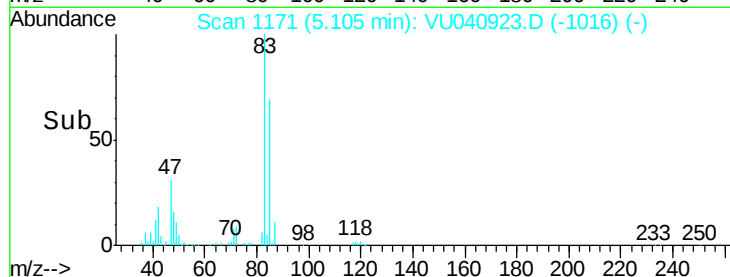
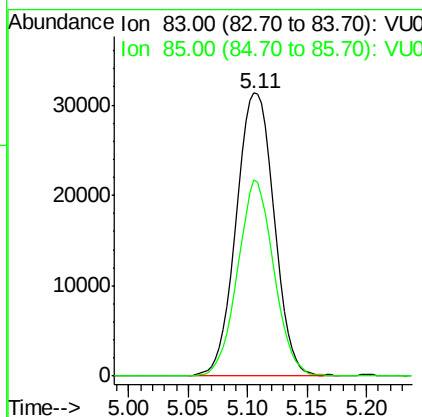
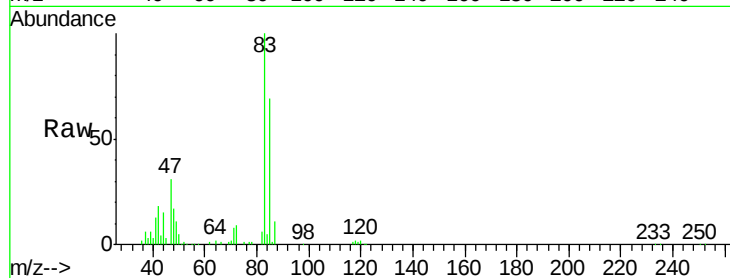
#27
Chloroform
Concen: 2.070 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion	83	Resp	69384
Ion Ratio	Lower	Upper	
83	100		
85	69.5	0.0	129.0

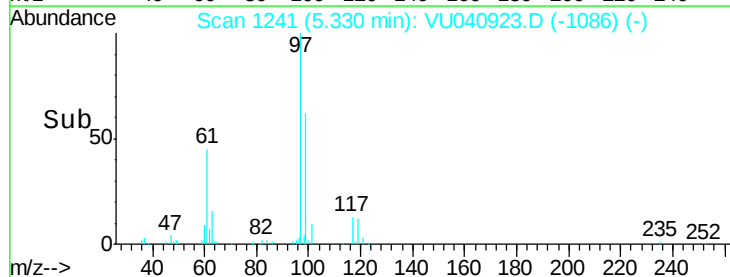
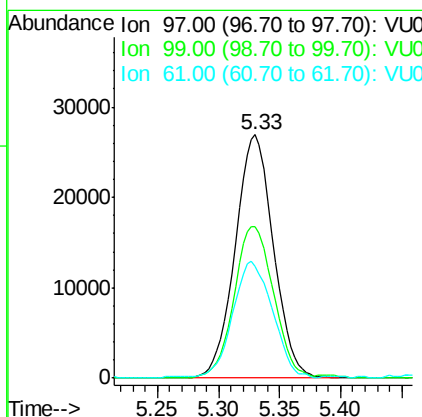
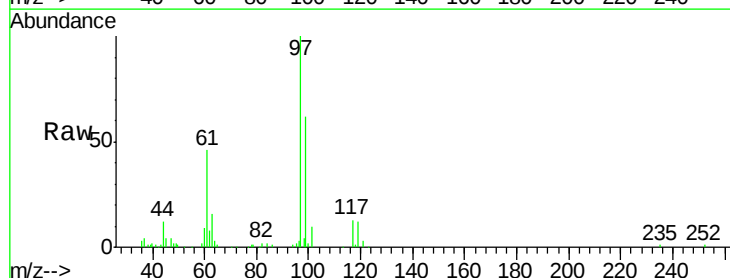
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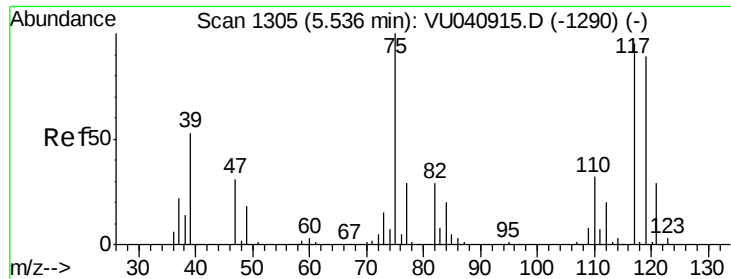
MMDadoda
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#28
1,1,1-Trichloroethane
Concen: 2.016 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion	97	Resp	58255
Ion Ratio	Lower	Upper	
97	100		
99	64.4	31.4	94.3
61	50.3	24.7	74.1





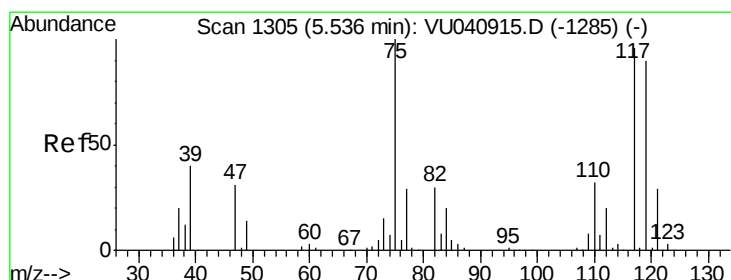
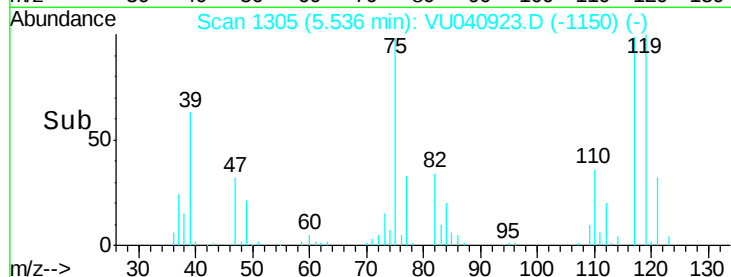
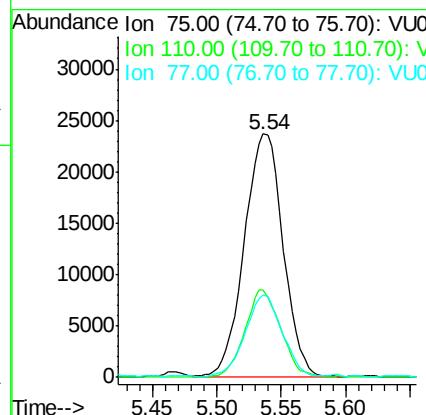
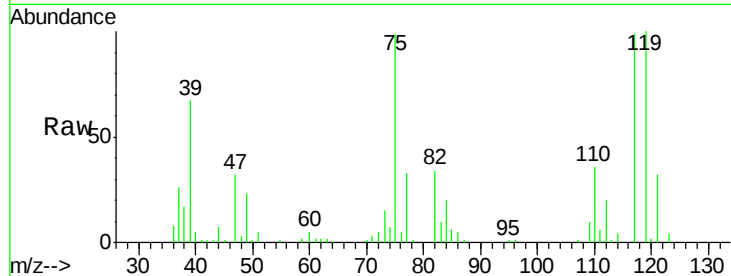
#29
 1,1-Dichloropropene
 Concen: 1.969 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.1	15.9	47.6
77	32.5	24.2	36.2

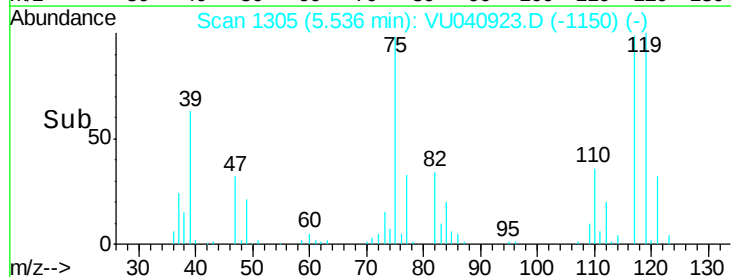
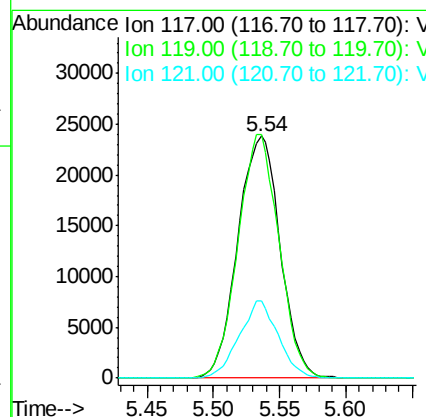
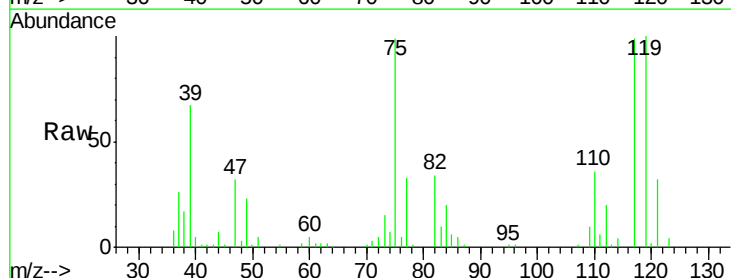
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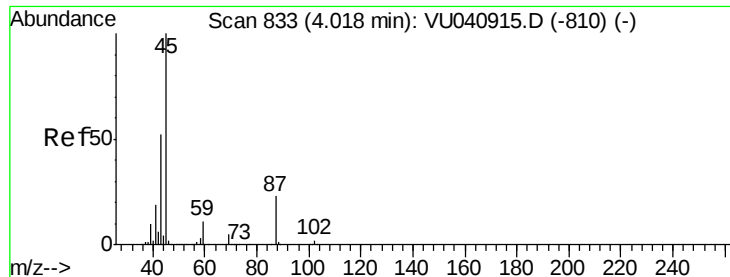
MMDadoda
 10/26/2020 4:15:45 PM



#30
 Carbon Tetrachloride
 Concen: 2.016 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.7	74.9	112.3
121	32.0	24.1	36.1





#31

Isopropyl Ether

Concen: 2.001 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion: 45 Resp: 108525

Ion Ratio Lower Upper

45 100

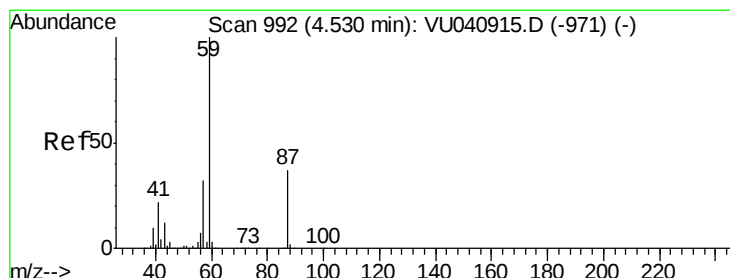
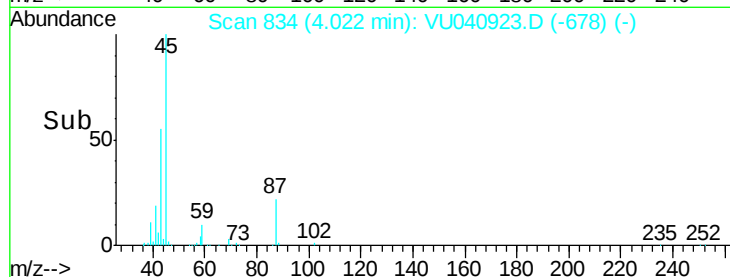
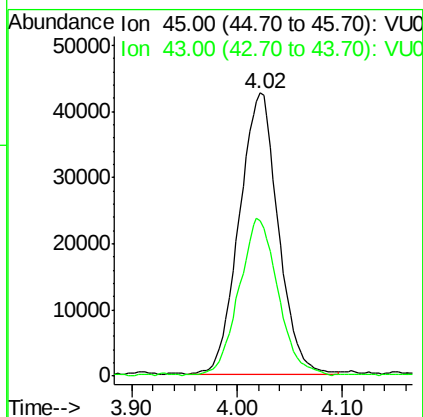
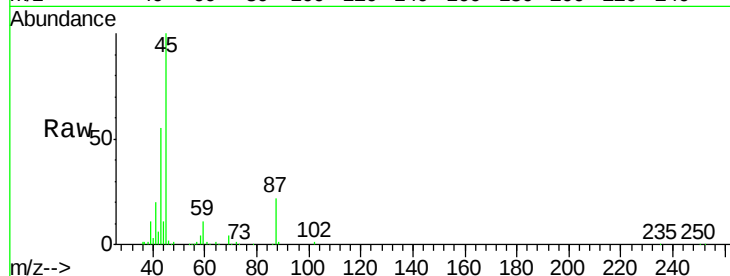
43 55.8 26.8 80.3

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 2.023 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040923.D

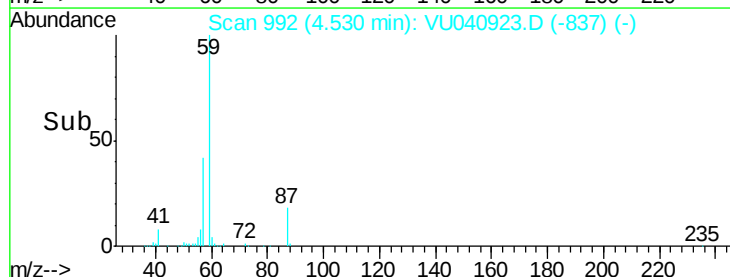
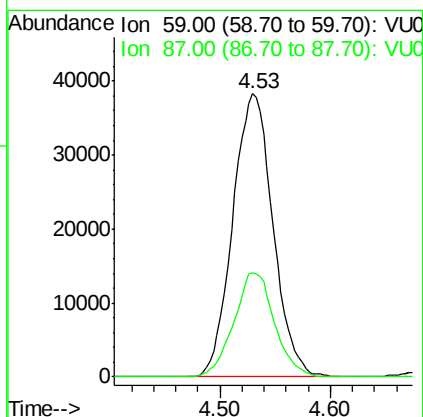
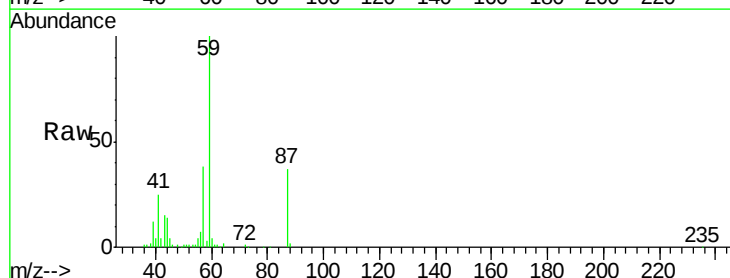
Acq: 23 Oct 2020 01:20

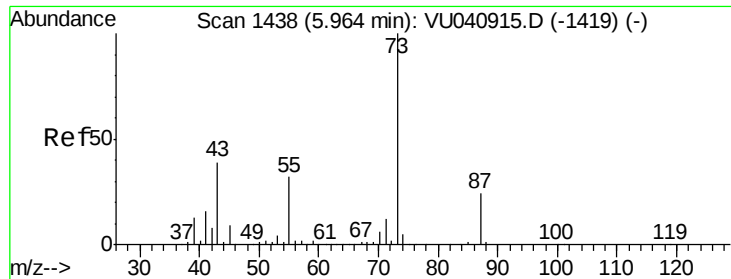
Tgt Ion: 59 Resp: 96605

Ion Ratio Lower Upper

59 100

87 37.2 30.6 46.0





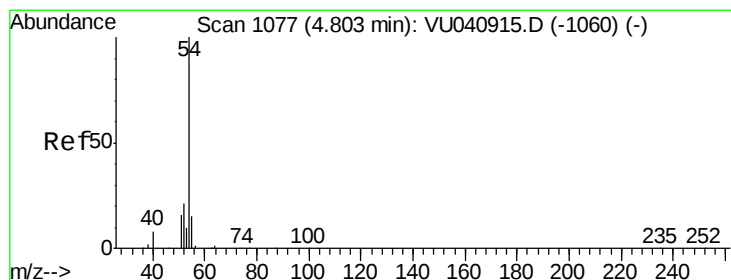
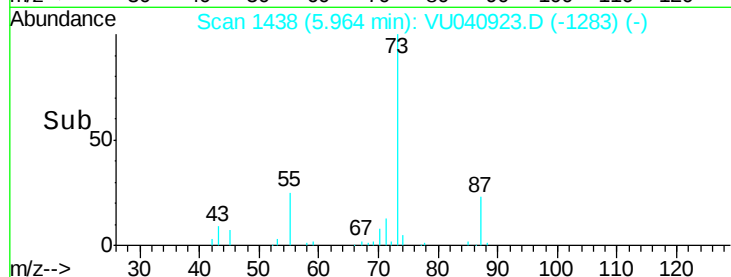
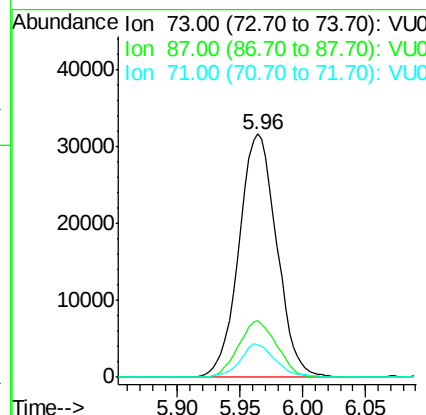
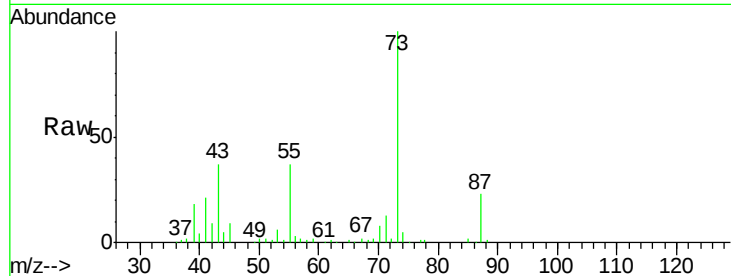
#33
Tert-Butyl methyl ether
Concen: 1.864 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.3	19.0	28.4
71	13.0	9.7	14.5

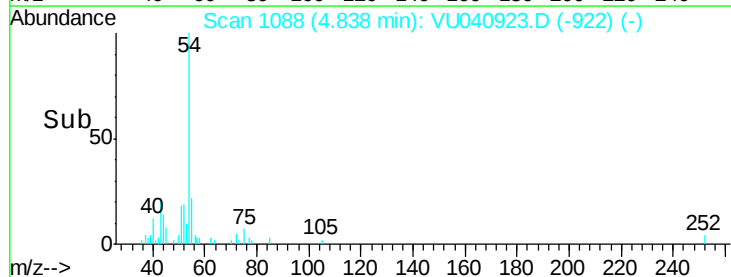
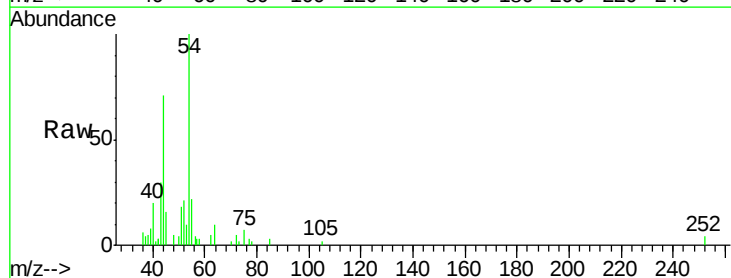
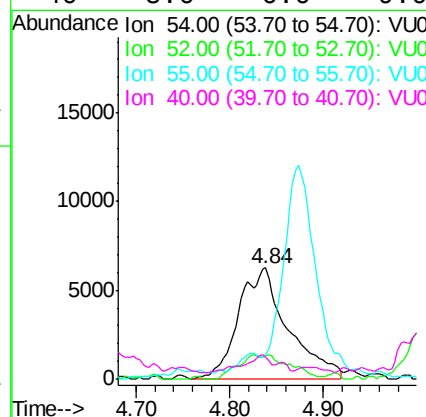
Manual Integrations
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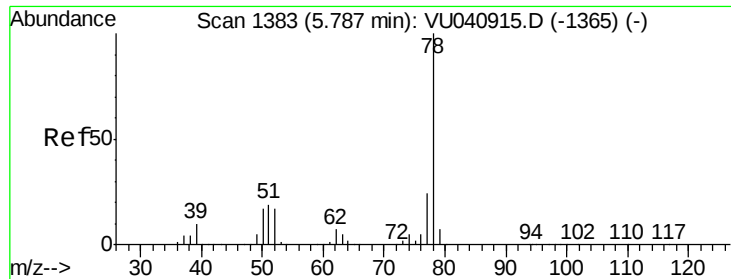
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#34
Propionitrile
Concen: 11.637 ug/l m
RT: 4.84 min Scan# 1088
Delta R.T. 0.04 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
54	100		
52	10.8	15.5	23.3#
55	6.8	12.5	18.7#
40	8.6	6.0	9.0





#35

Benzene

Concen: 2.001 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion: 78 Resp: 140409

Ion Ratio Lower Upper

78 100

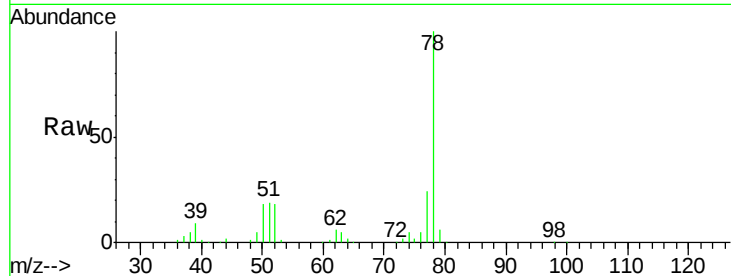
77 23.7 19.4 29.2

Manual Integrations

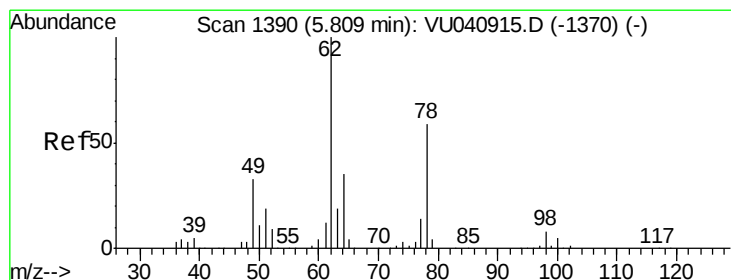
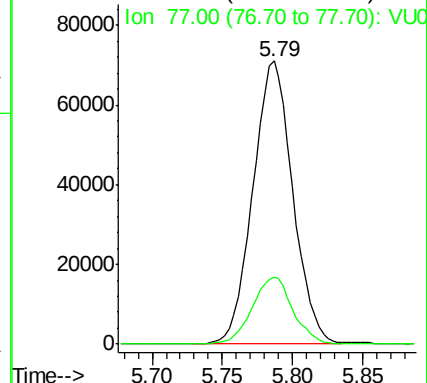
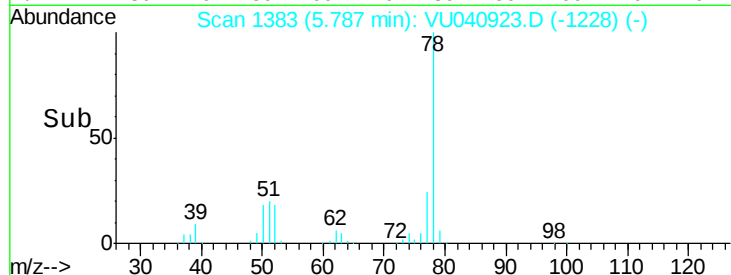
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Abundance Ion 78.10 (77.80 to 78.80): VU040923.D (-1228) (-)



#36

1,2-Dichloroethane

Concen: 2.104 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU040923.D

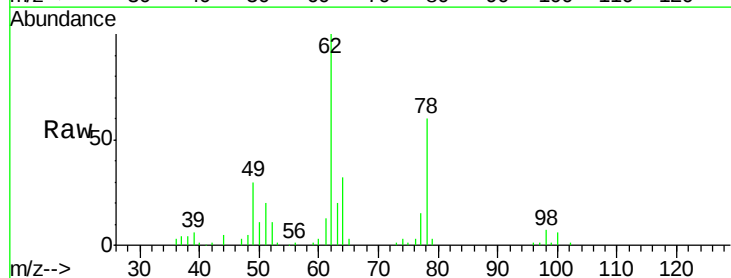
Acq: 23 Oct 2020 01:20

Tgt Ion: 62 Resp: 54735

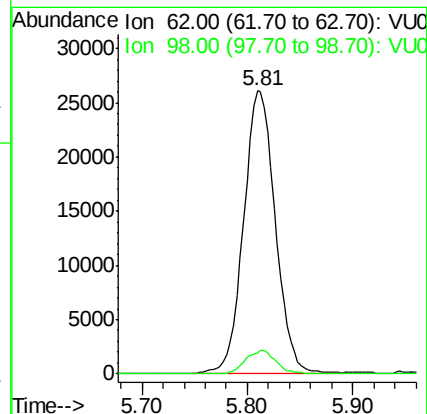
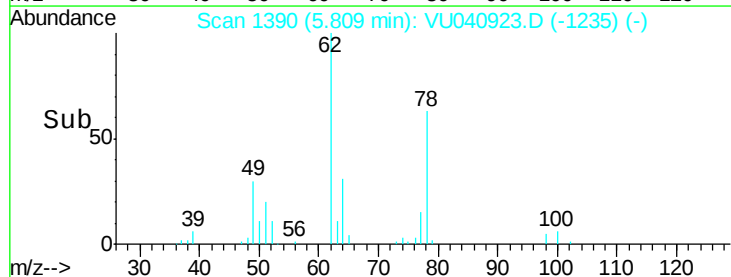
Ion Ratio Lower Upper

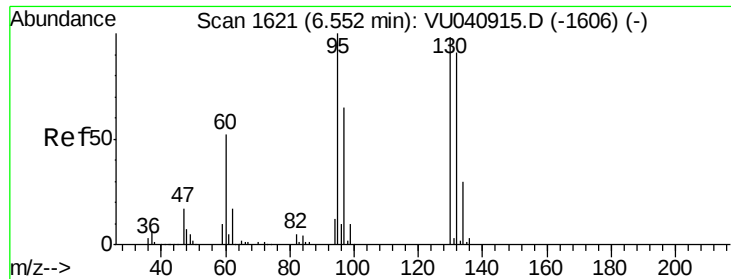
62 100

98 7.8 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040923.D (-1235) (-)





#37

Trichloroethene

Concen: 2.021 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion:130 Resp: 33524

Ion Ratio Lower Upper

130 100

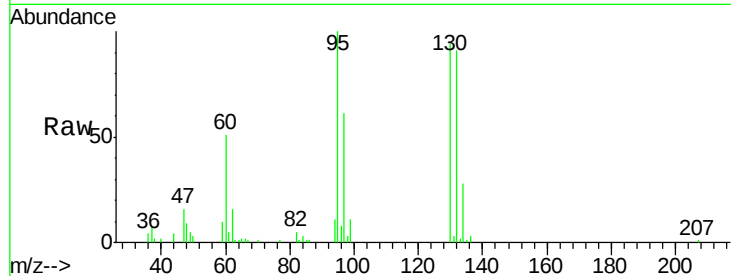
95 106.7 81.9 122.9

Manual Integrations

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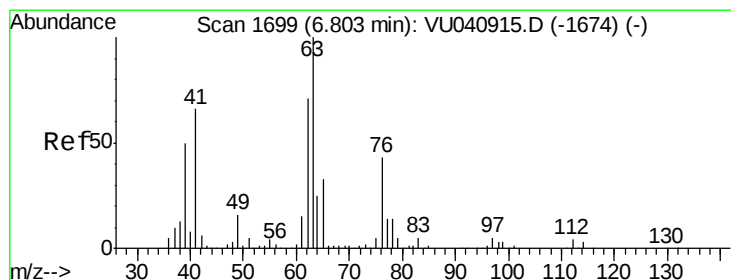
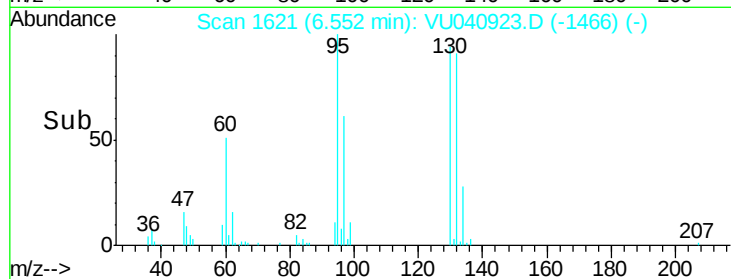
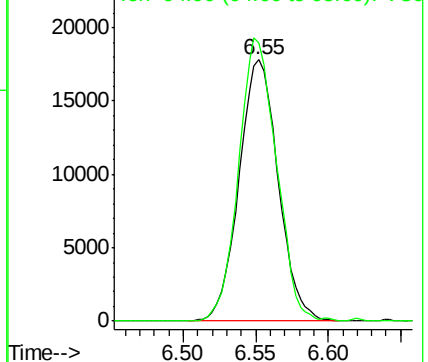
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0



#38

1,2-Dichloropropane

Concen: 2.013 ug/l

RT: 6.80 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VU040923.D

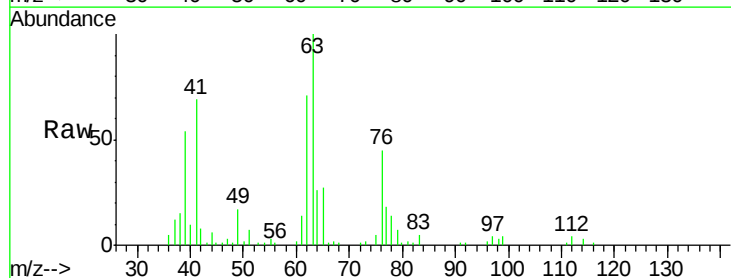
Acq: 23 Oct 2020 01:20

Tgt Ion: 63 Resp: 40081

Ion Ratio Lower Upper

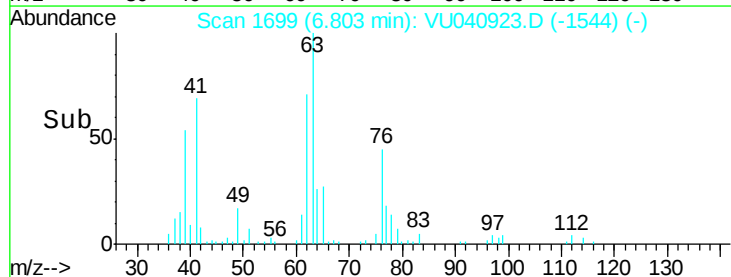
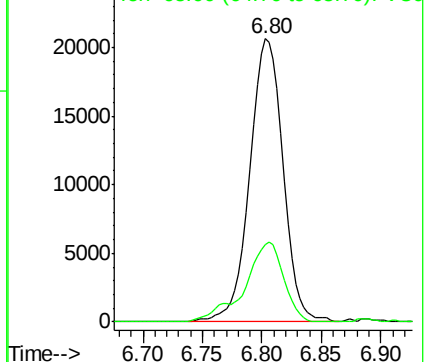
63 100

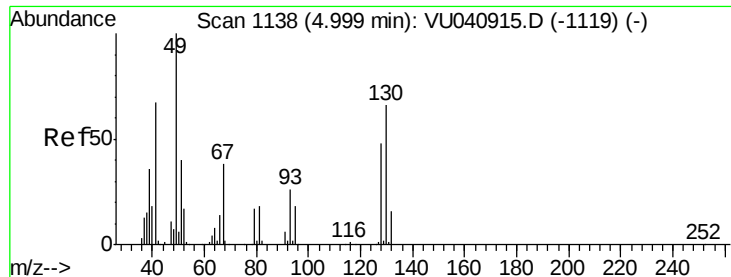
65 27.3 26.2 39.2



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0





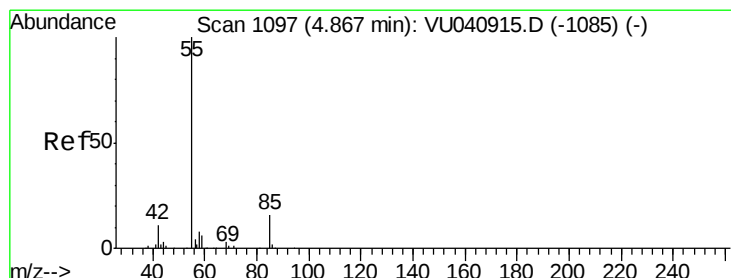
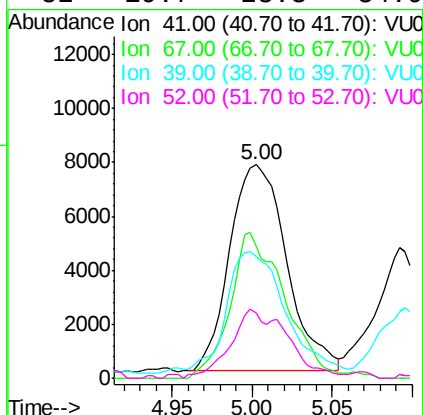
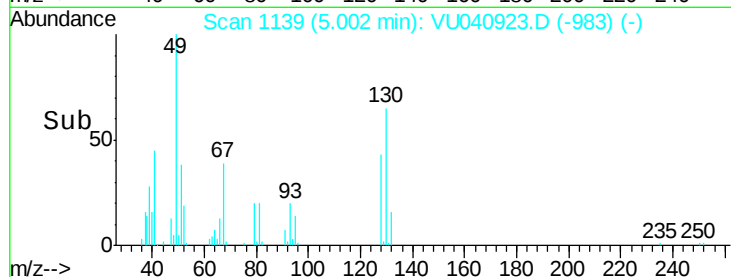
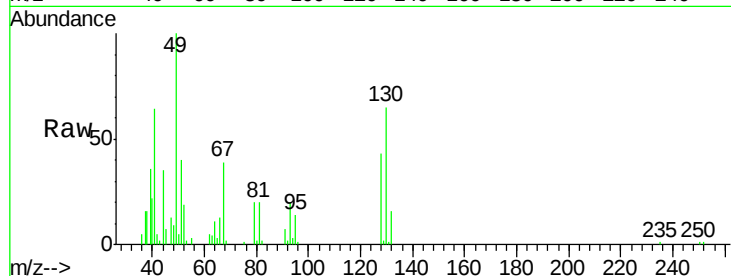
#39
Methacrylonitrile
Concen: 2.012 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion	41	Resp	18726
Ion	Ratio	Lower	Upper
41	100		
67	67.2	48.7	73.1
39	56.5	44.6	67.0
52	19.7	23.3	34.9

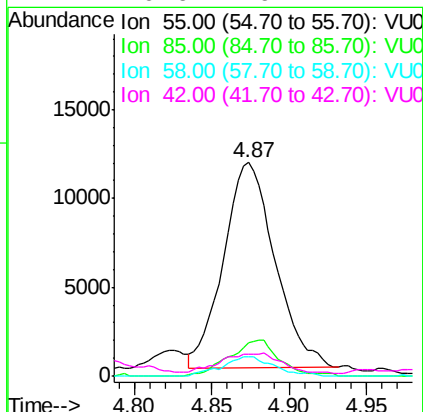
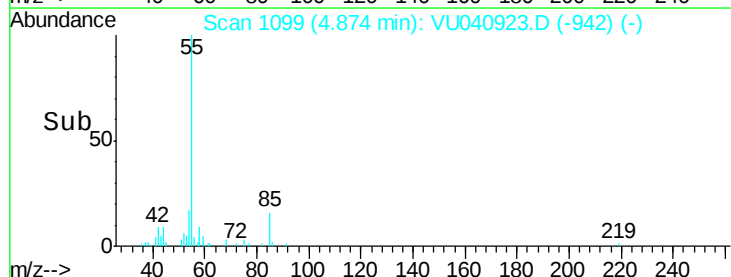
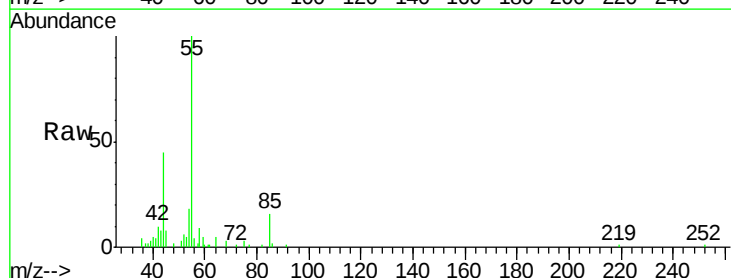
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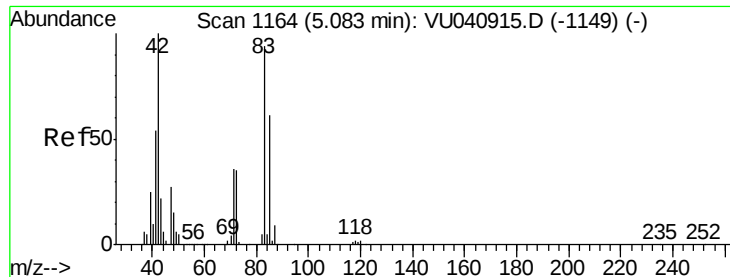
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#40
Methyl acrylate
Concen: 2.079 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion	55	Resp	26533
Ion	Ratio	Lower	Upper
55	100		
85	16.8	12.2	18.2
58	9.1	6.8	10.2
42	10.6	9.4	14.2





#41

Tetrahydrofuran

Concen: 3.951 ug/l

RT: 5.10 min Scan# 1168

Delta R.T. 0.01 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

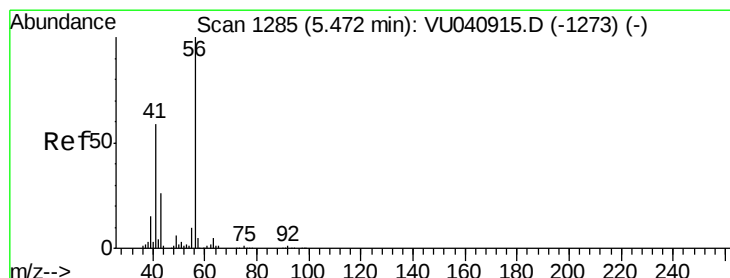
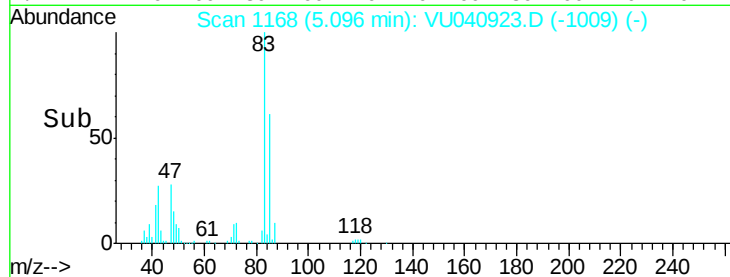
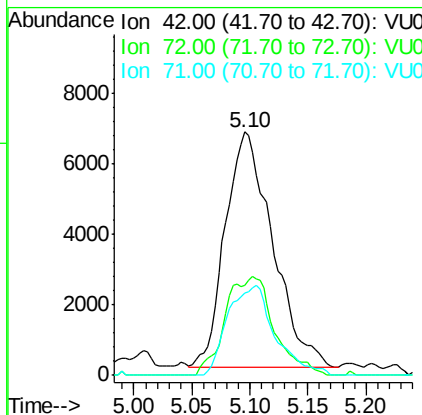
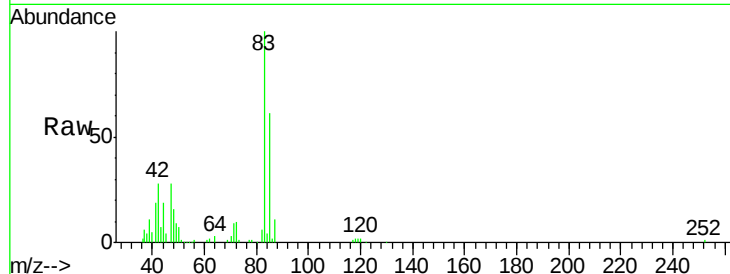
ClientSampleId :

VU1022WBSD01

Tot Ion:	42	Resp:	18915
Ion Ratio	Lower	Upper	
42	100		
72	16.3	30.1	45.1#
71	38.0	27.9	41.9

Manual Integrations
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#42

1-Chlorobutane

Concen: 2.074 ug/l

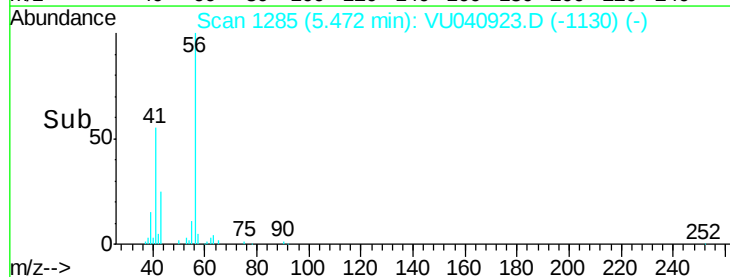
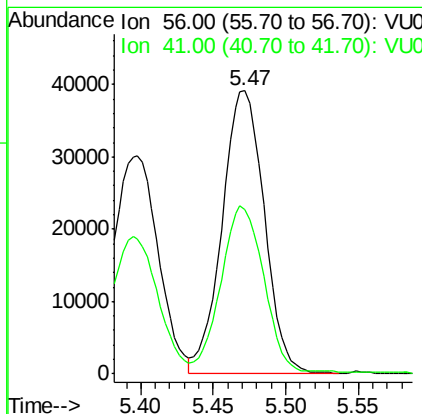
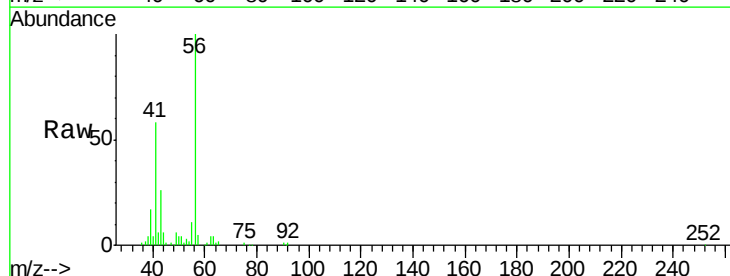
RT: 5.47 min Scan# 1285

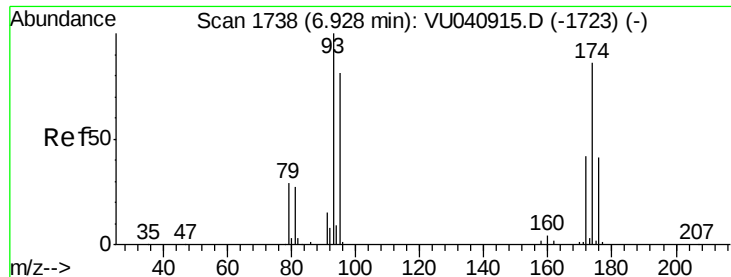
Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Tgt Ion:	56	Resp:	79387
Ion Ratio	Lower	Upper	
56	100		
41	58.4	29.6	88.8





#43

Dibromomethane

Concen: 2.051 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

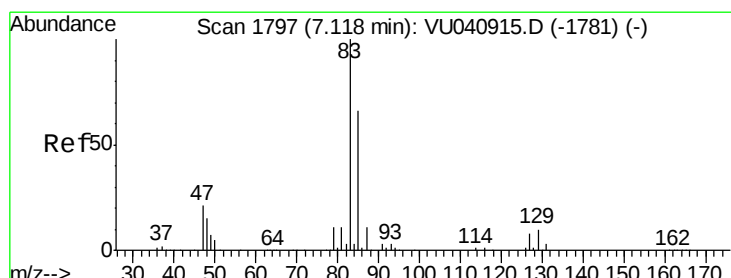
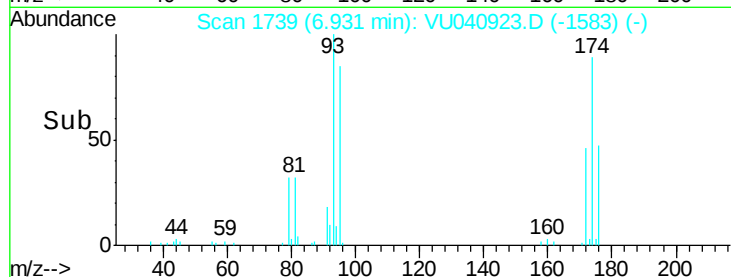
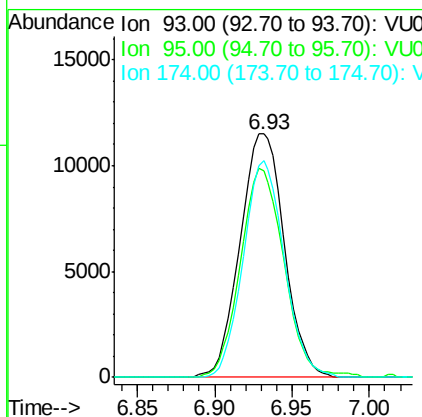
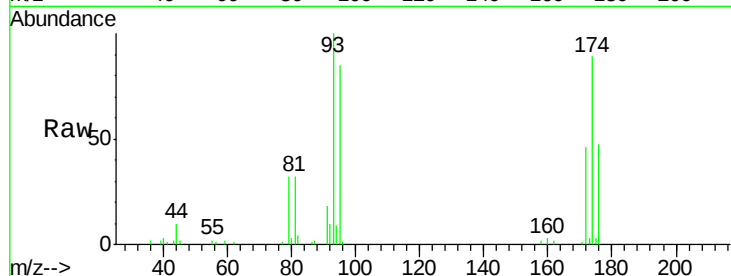
ClientSampleId :

VU1022WBSD01

Tot Ion:	93	Resp:	22882
Ion	Ratio	Lower	Upper
93	100		
95	84.8	66.3	99.5
174	82.9	70.4	105.6

Manual Integrations
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#44

Bromodichloromethane

Concen: 2.088 ug/l

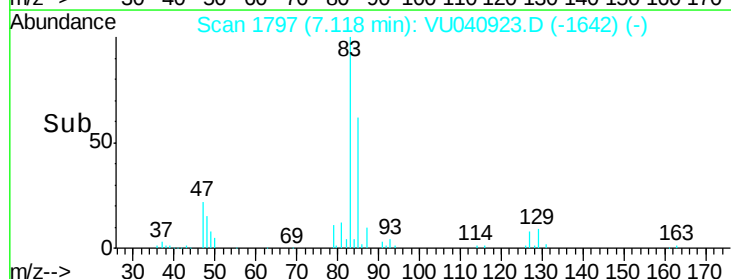
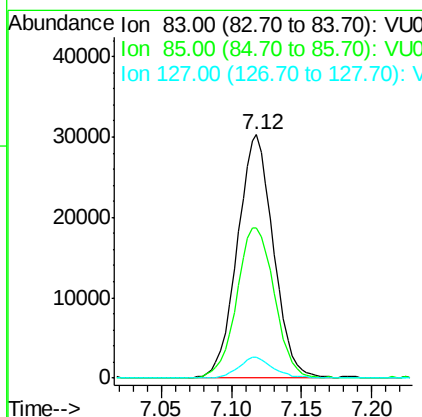
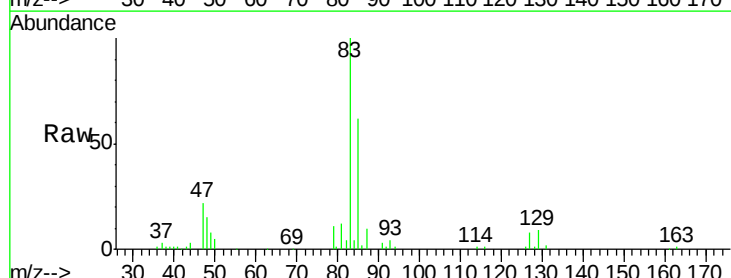
RT: 7.12 min Scan# 1797

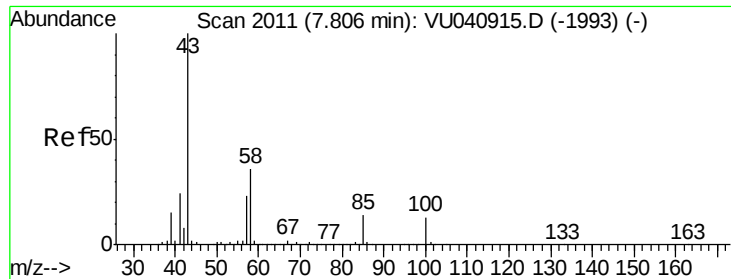
Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Tgt Ion:	83	Resp:	54085
Ion	Ratio	Lower	Upper
83	100		
85	61.6	52.6	78.8
127	8.5	6.4	9.6





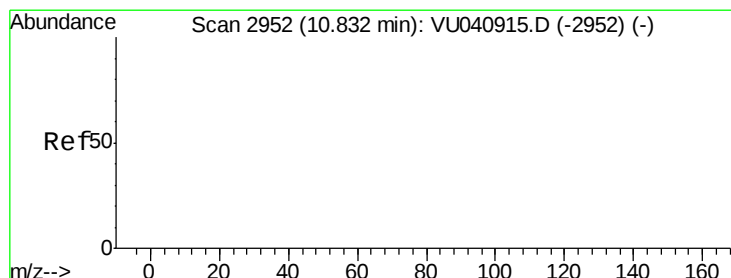
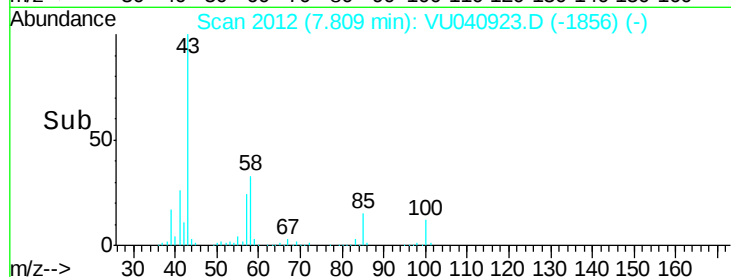
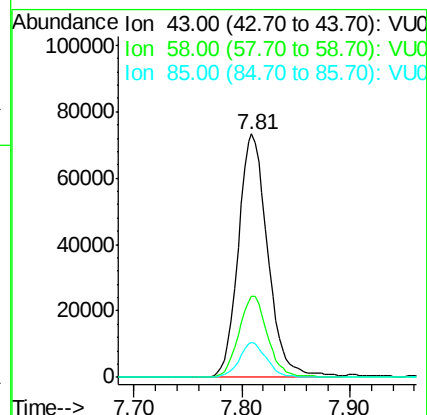
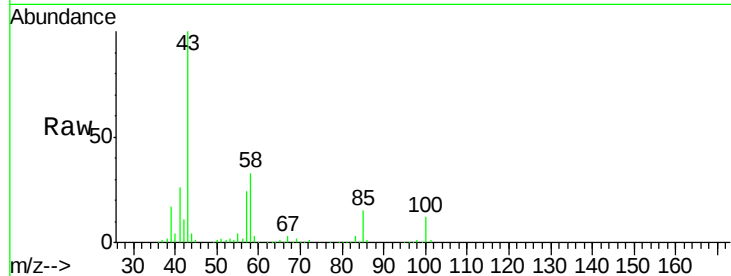
#45
4-Methyl-2-Pentanone
Concen: 9.532 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.5	17.8	53.5
85	13.4	11.4	17.2

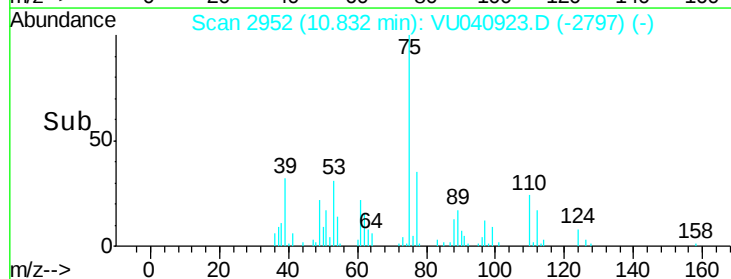
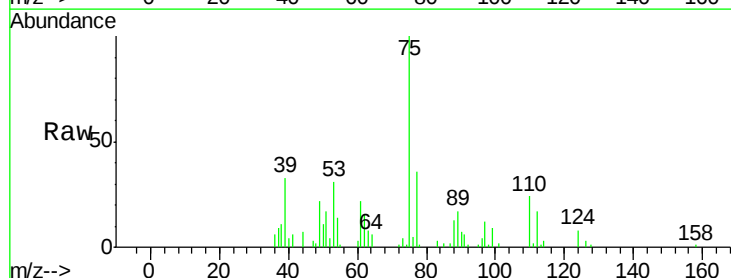
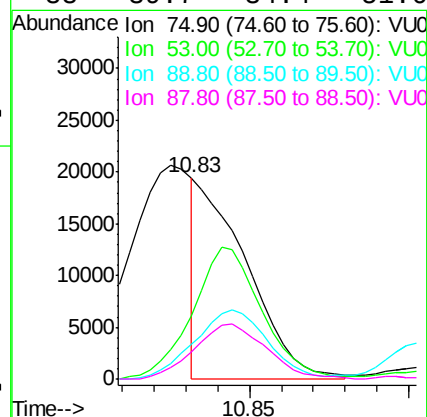
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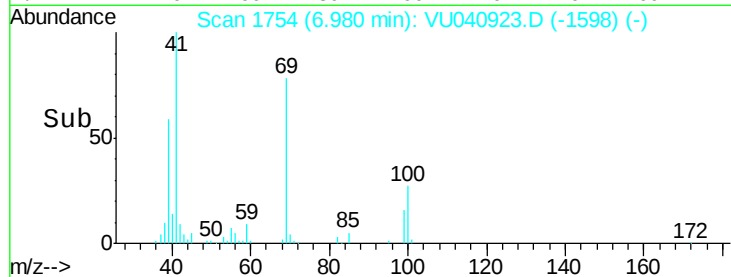
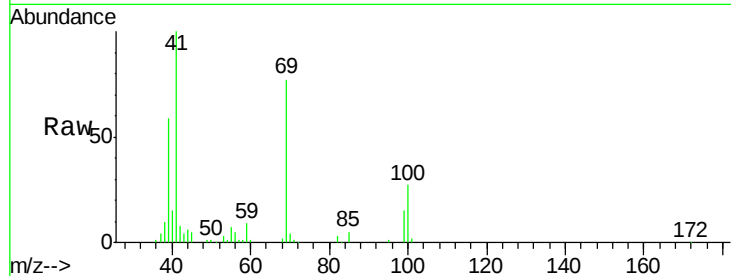
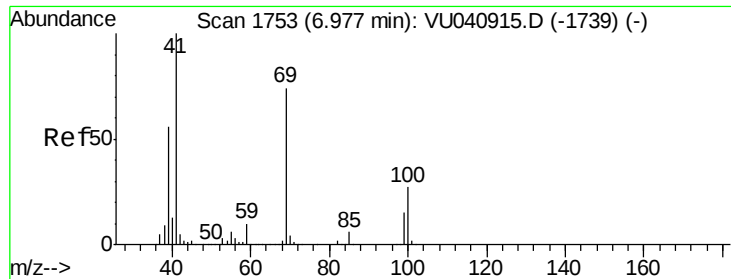
MMDadoda
10/26/2020 4:15:45 PM



#46
t-1,4-Dichloro-2-butene
Concen: 3.634 ug/l m
RT: 10.83 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

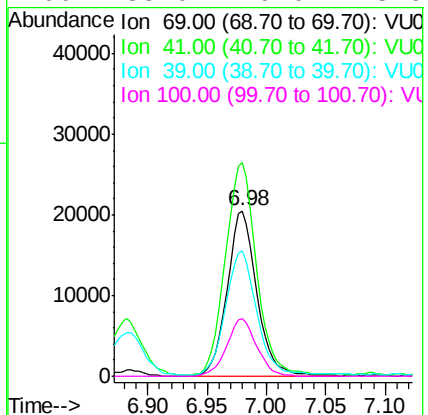
Tgt Ion	Ratio	Lower	Upper
75	100		
53	91.4	73.0	109.4
89	50.6	41.7	62.5
88	39.7	34.4	51.6





#47
Methyl methacrylate
Concen: 3.808 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

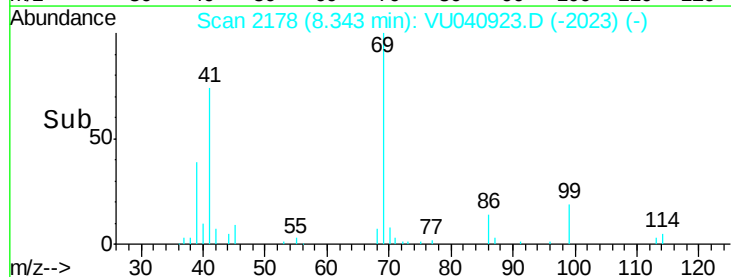
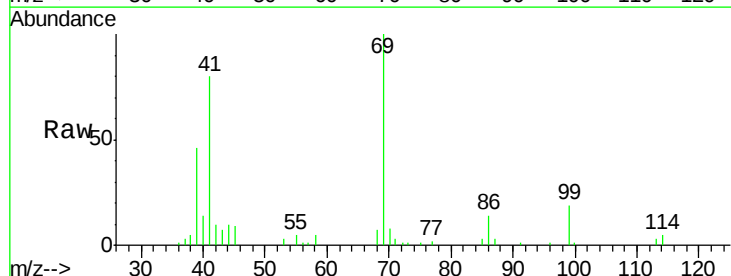
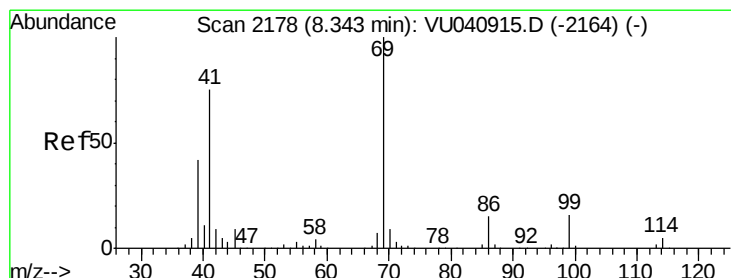
Tot Ion	Ratio	Lower	Upper
69	100		
41	133.9	0.0	270.2
39	77.6	61.6	92.4
100	35.0	29.0	43.6



Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

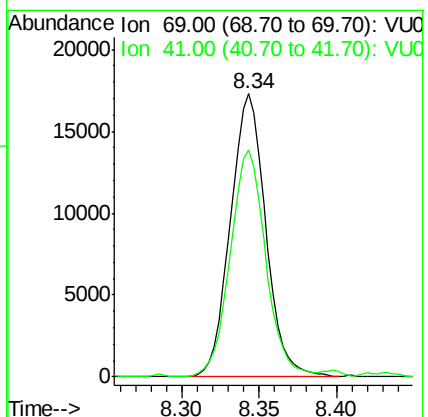
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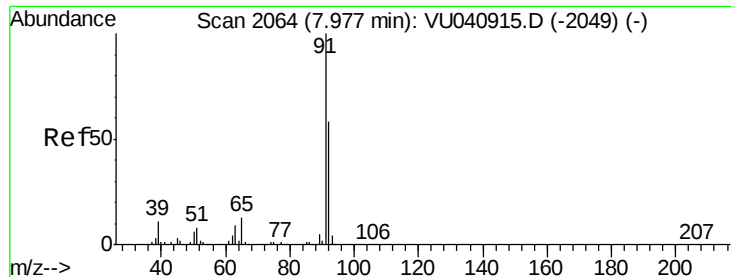
MMDadoda
10/26/2020 4:15:45 PM



#48
Ethyl methacrylate
Concen: 1.746 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
69	100		
41	80.7	37.6	112.9





#49

Toluene

Concen: 1.868 ug/l

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion: 92 Resp: 72082

Ion Ratio Lower Upper

92 100

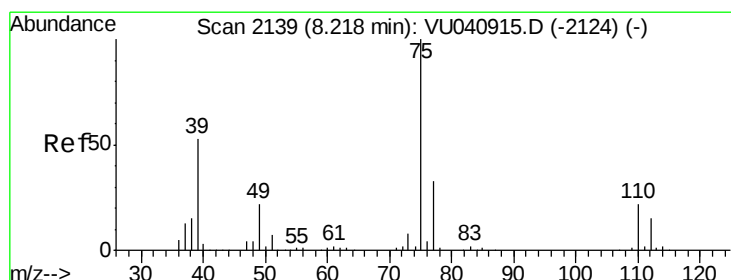
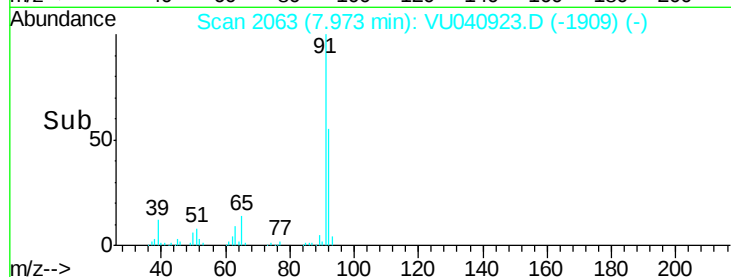
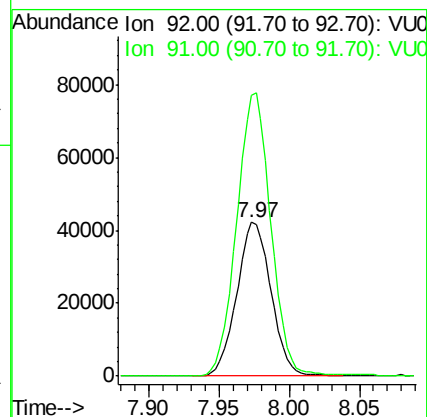
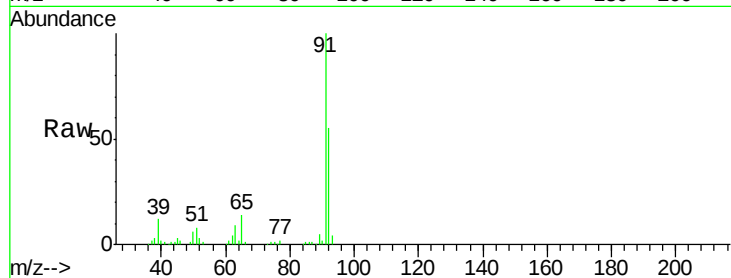
91 183.0 136.8 205.2

Manual Integrations

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10/26/2020 4:15:45 PM



#50

t-1,3-Dichloropropene

Concen: 1.844 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040923.D

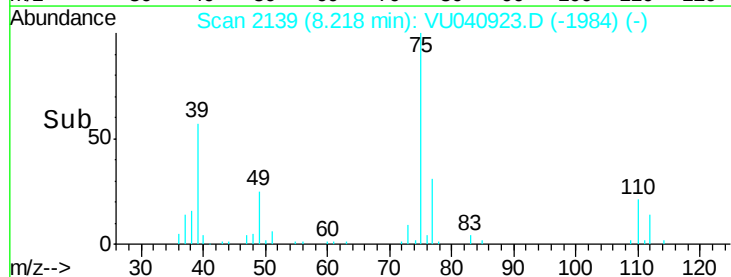
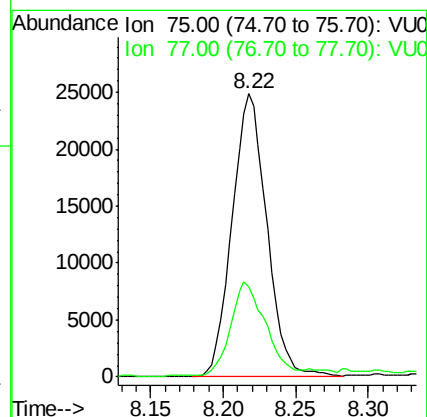
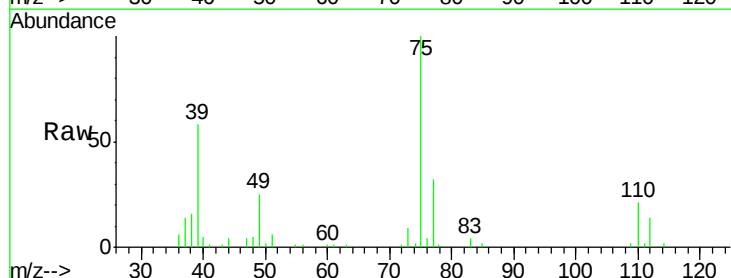
Acq: 23 Oct 2020 01:20

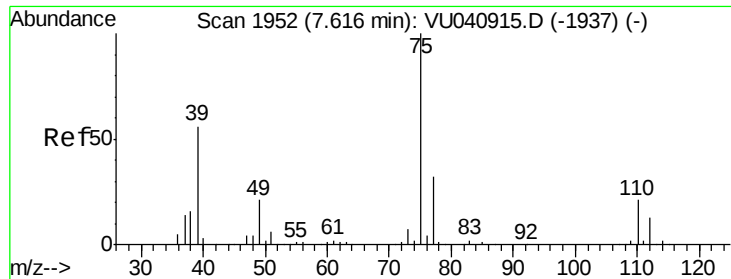
Tgt Ion: 75 Resp: 41297

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.4





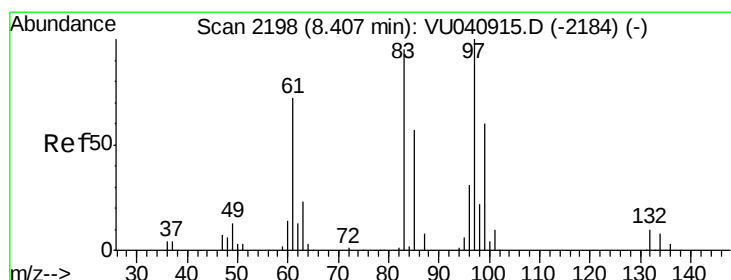
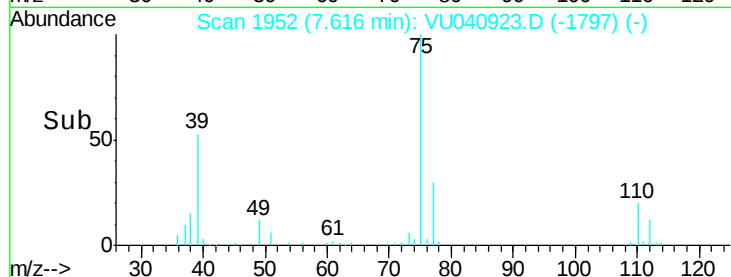
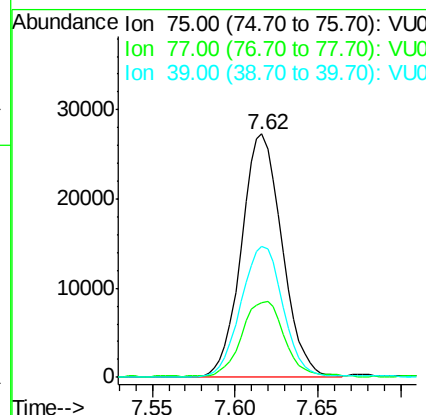
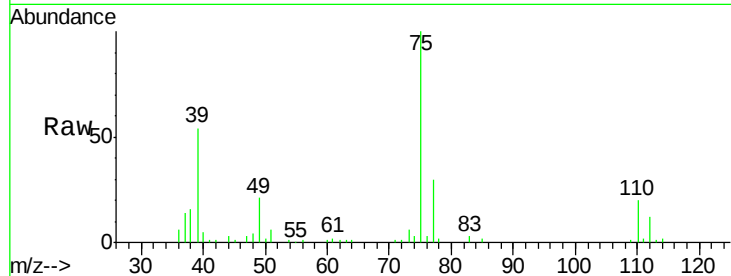
#51
 cis-1,3-Dichloropropene
 Concen: 1.906 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.6	25.4	38.0
39	54.1	44.7	67.1

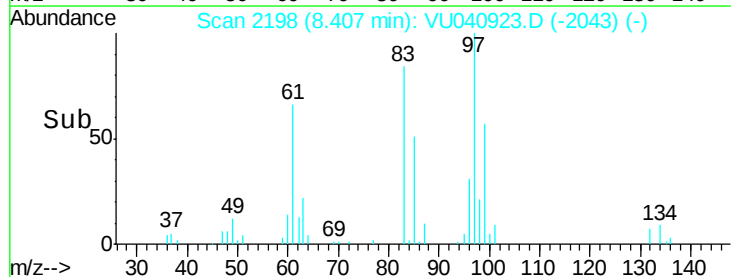
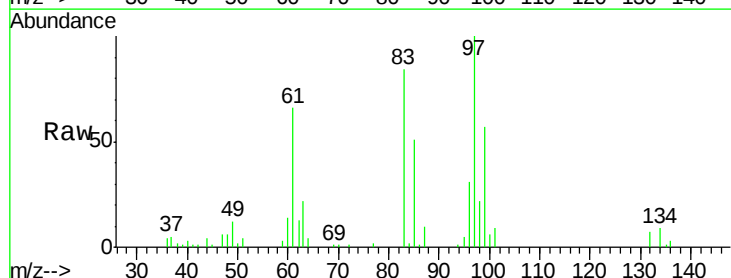
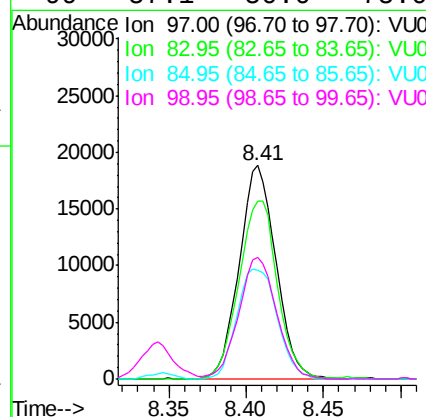
Manual Integrations
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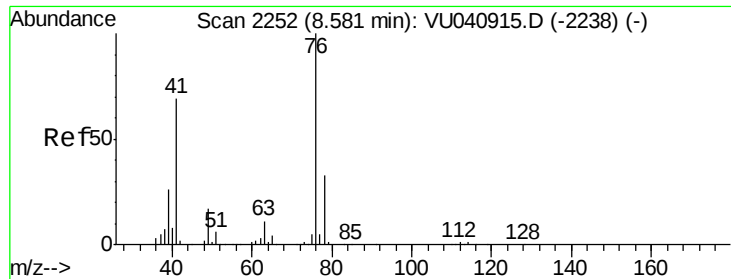
MMDadoda
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#52
 1,1,2-Trichloroethane
 Concen: 2.203 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	75.9	113.9
85	50.8	46.1	69.1
99	57.1	50.0	75.0





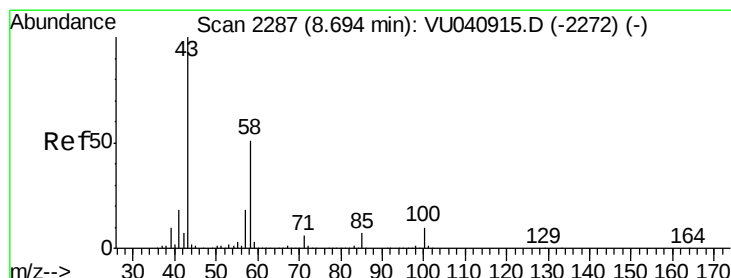
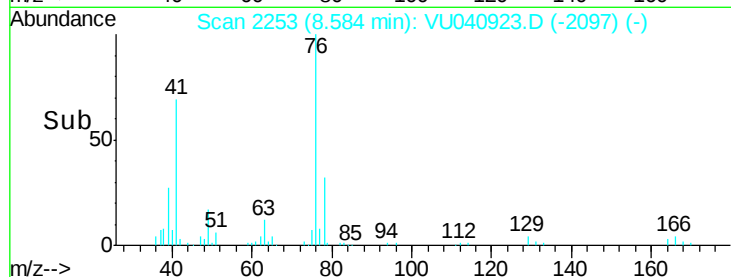
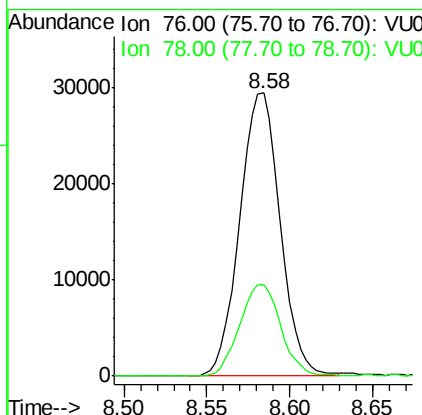
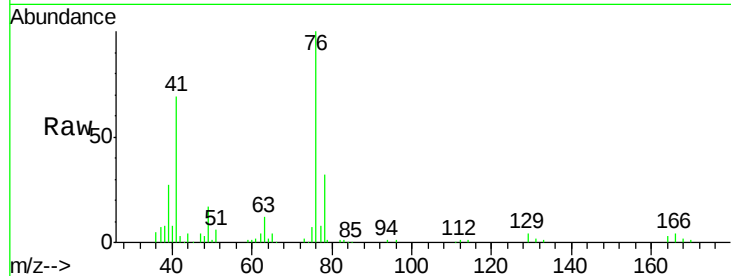
#53
 1,3-Dichloropropane
 Concen: 1.978 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.6	39.8

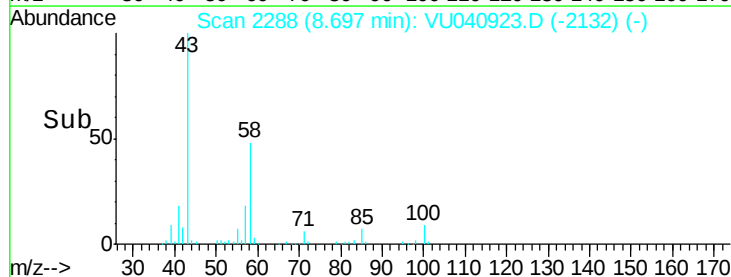
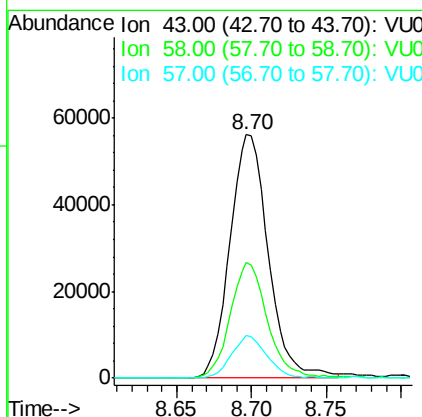
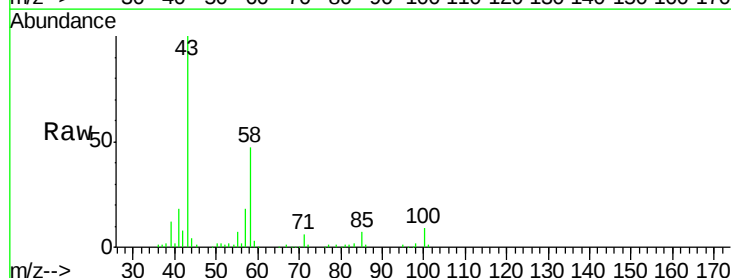
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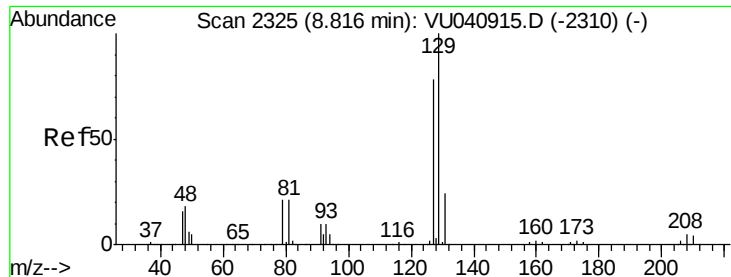
MMDadoda
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#54
 2-Hexanone
 Concen: 9.803 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	46.0	30.2	70.2
57	16.1	0.0	37.4





#55

Dibromochloromethane

Concen: 2.030 ug/l

RT: 8.81 min Scan# 2324

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion:129 Resp: 34333

Ion Ratio Lower Upper

129 100

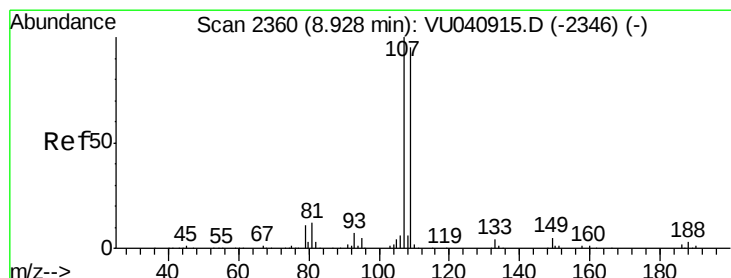
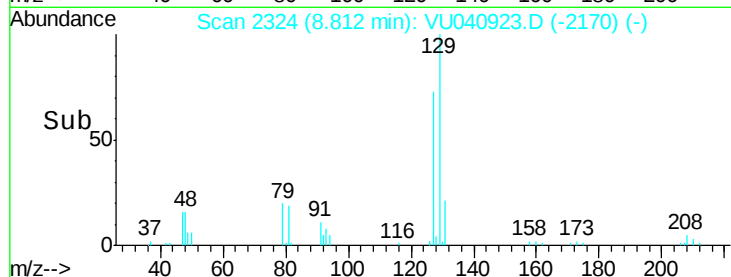
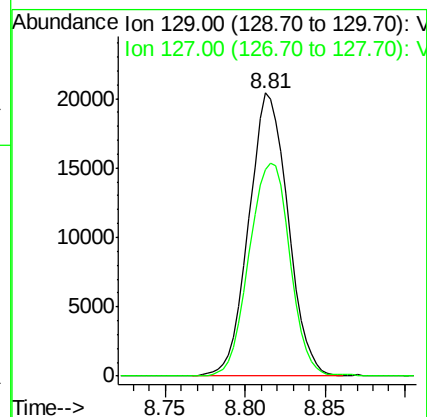
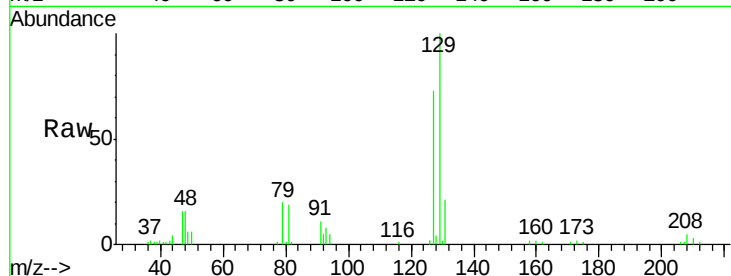
127 78.2 63.1 94.7

Manual Integrations

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#56

1,2-Dibromoethane

Concen: 2.086 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. -0.00 min

Lab File: VU040923.D

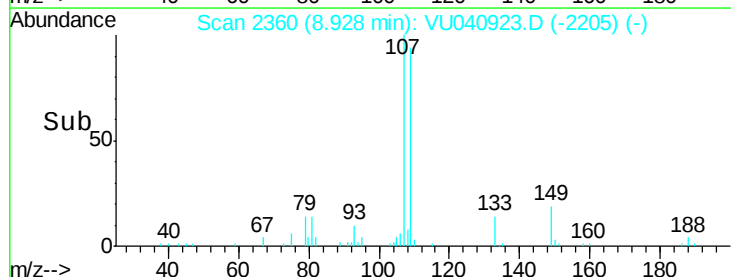
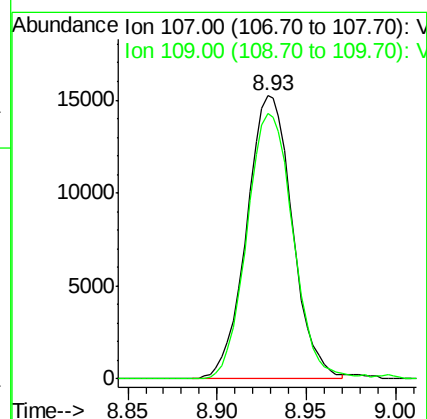
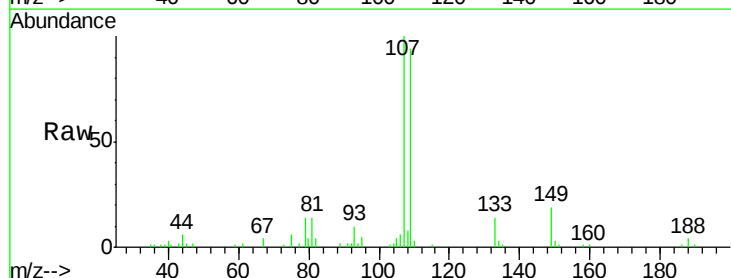
Acq: 23 Oct 2020 01:20

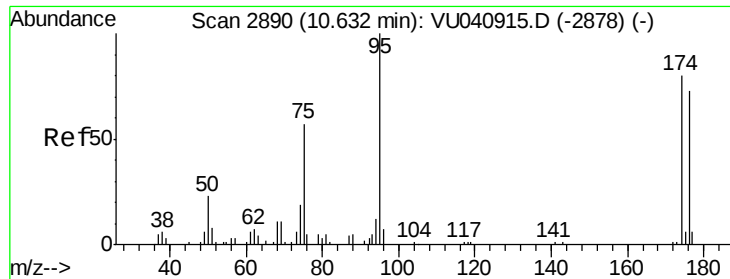
Tgt Ion:107 Resp: 27286

Ion Ratio Lower Upper

107 100

109 94.7 0.0 190.4





#57

4-Bromofluorobenzene

Concen: 0.918 ug/l

RT: 10.63 min Scan# 2890

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

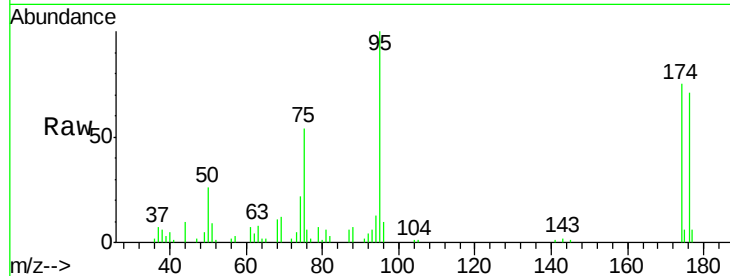
ClientSampleId :

VU1022WBSD01

Tot Ion:	95	Resp:	18336
Ion Ratio	Lower	Upper	
95	100		
174	74.8	60.3	90.5
176	68.7	55.6	83.4

Manual Integrations
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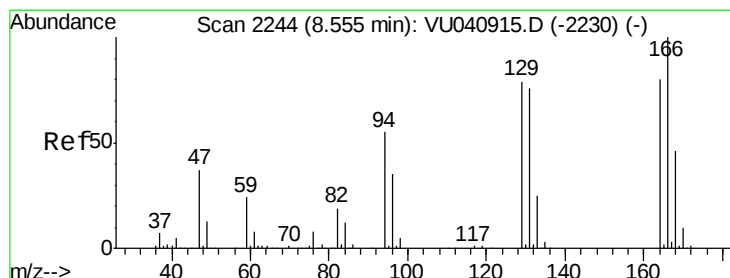
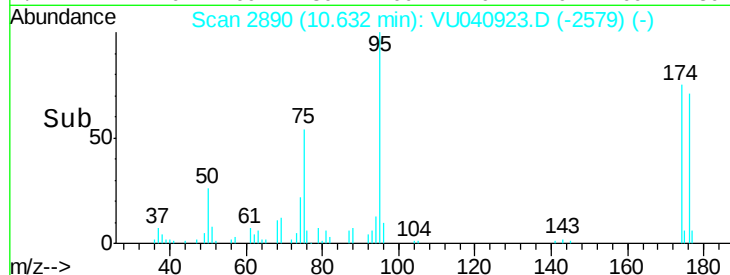


Abundance Ion 95.00 (94.70 to 95.70): VU040923.D (-2089) (-)

Ion 174.00 (173.70 to 174.70): VU040923.D (-2089) (-)

Ion 176.00 (175.70 to 176.70): VU040923.D (-2089) (-)

Time--> 10.55 10.60 10.65 10.70



#58

Tetrachloroethene

Concen: 1.927 ug/l

RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Tgt Ion:	164	Resp:	29880
Ion Ratio	Lower	Upper	
164	100		
166	137.3	100.3	150.5
129	105.5	79.4	119.0
131	96.0	76.2	114.4

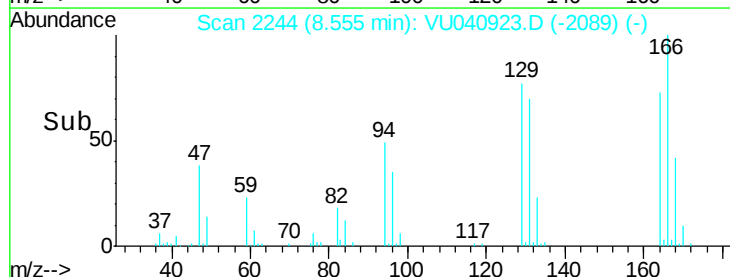
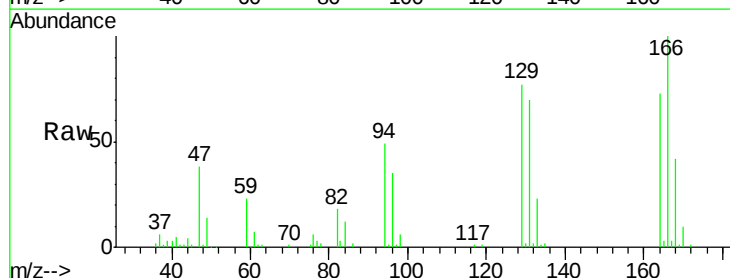
Abundance Ion 163.85 (163.55 to 164.55): VU040923.D (-2089) (-)

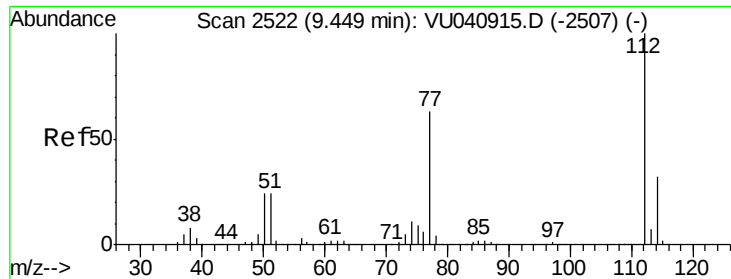
Ion 165.80 (165.50 to 166.50): VU040923.D (-2089) (-)

Ion 128.90 (128.60 to 129.60): VU040923.D (-2089) (-)

Ion 130.90 (130.60 to 131.60): VU040923.D (-2089) (-)

Time--> 8.50 8.55 8.60





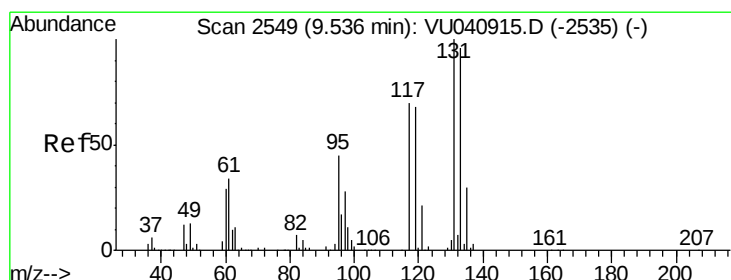
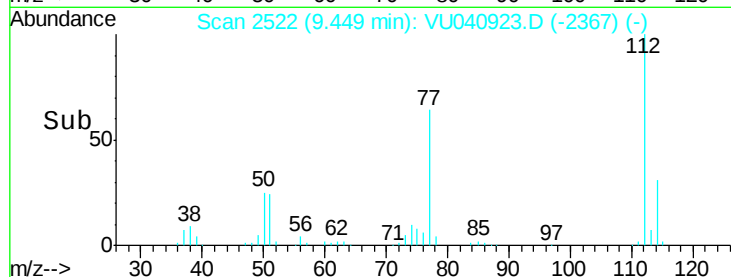
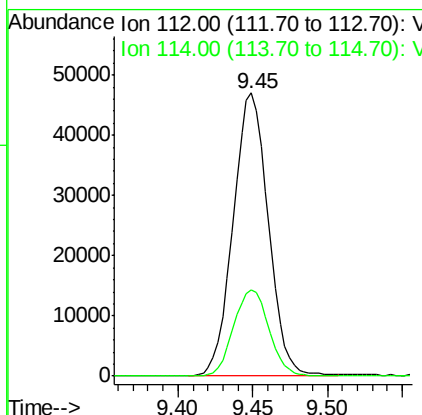
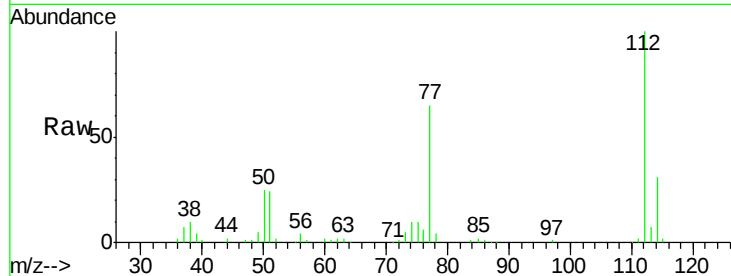
#59
Chlorobenzene
Concen: 1.887 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion:112 Resp: 77095
Ion Ratio Lower Upper
112 100
114 30.6 25.8 38.8

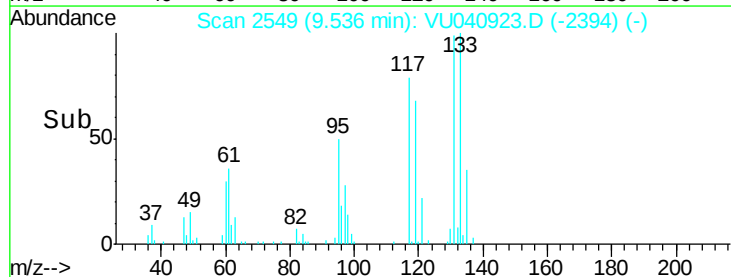
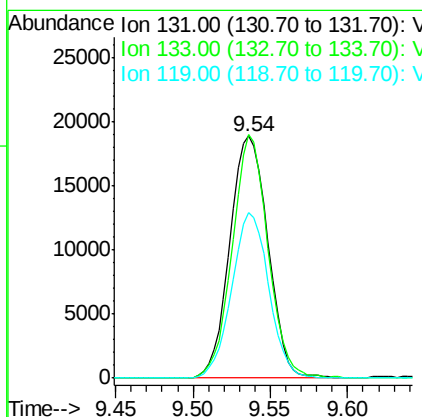
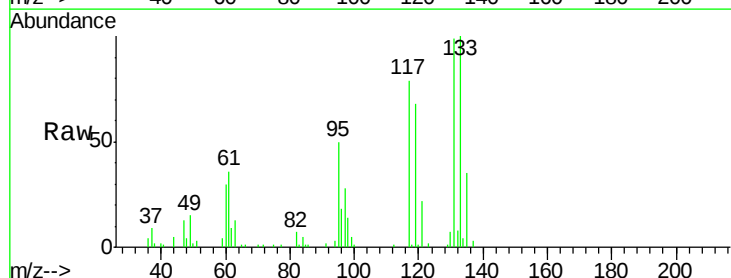
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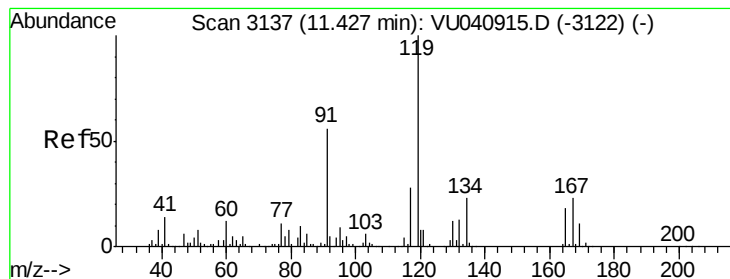
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#60
1,1,1,2-Tetrachloroethane
Concen: 2.009 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion:131 Resp: 32254
Ion Ratio Lower Upper
131 100
133 94.1 77.4 116.0
119 66.2 53.5 80.3





#61

Pentachloroethane

Concen: 2.062 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion:117 Resp: 26742

Ion Ratio Lower Upper

117 100

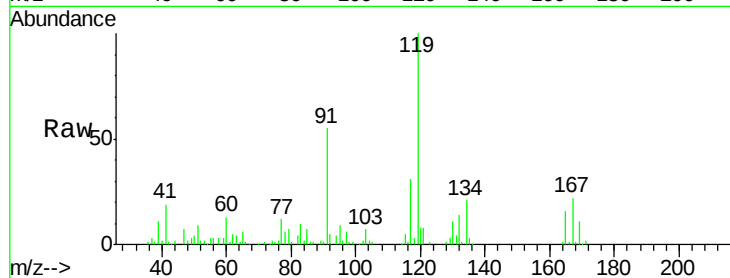
167 69.7 59.4 89.2

Manual Integrations

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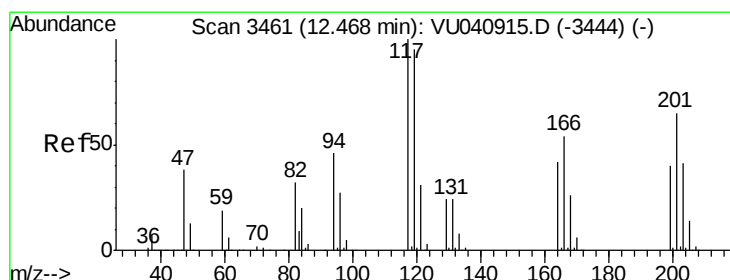
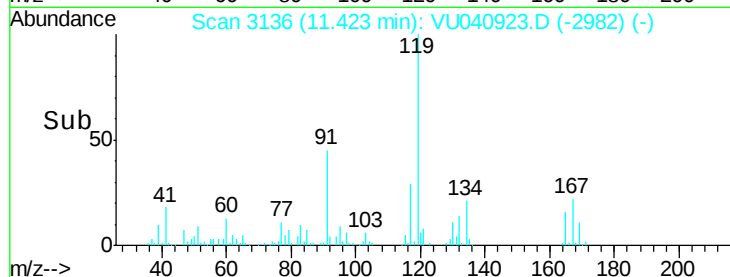
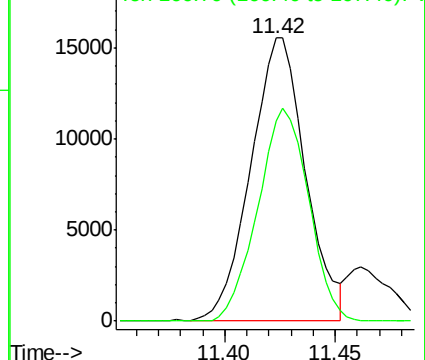
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 2.061 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU040923.D

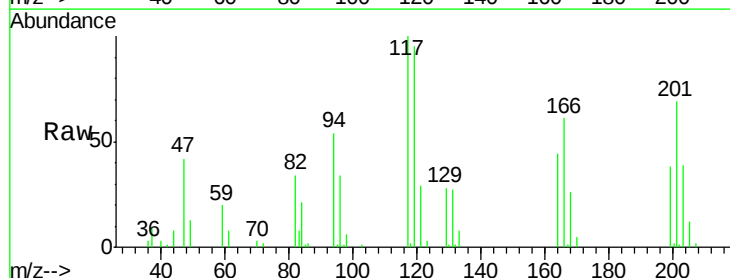
Acq: 23 Oct 2020 01:20

Tgt Ion:117 Resp: 27205

Ion Ratio Lower Upper

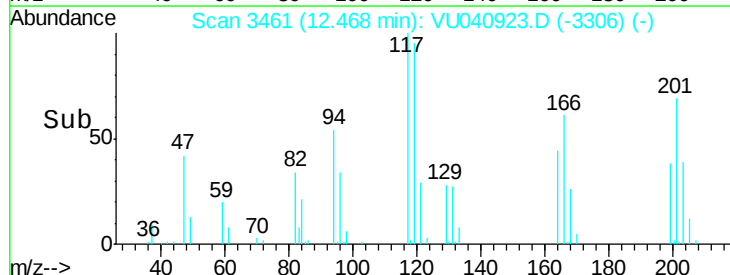
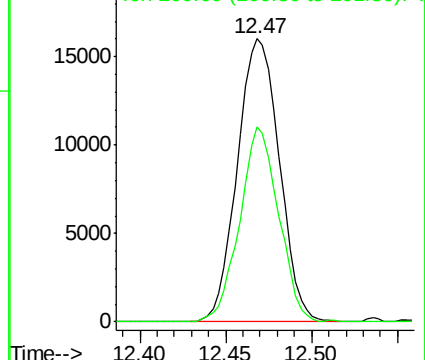
117 100

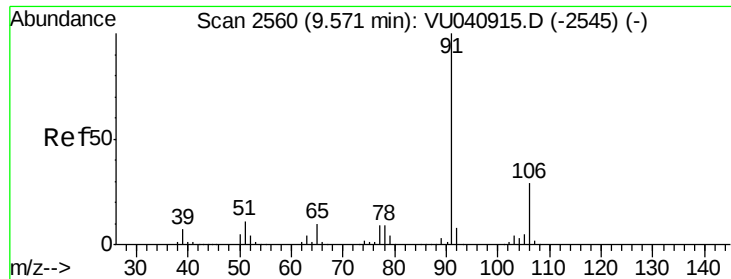
201 63.5 52.6 78.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.714 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion: 91 Resp: 116013

Ion Ratio Lower Upper

91 100

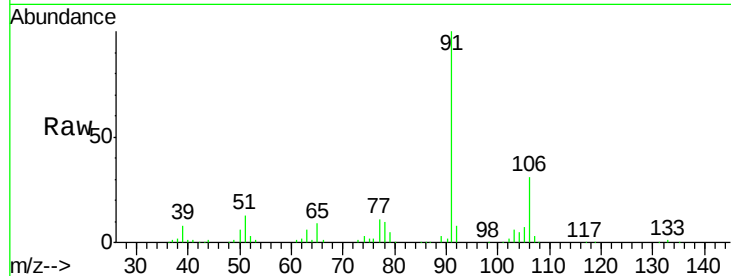
106 30.6 23.5 35.3

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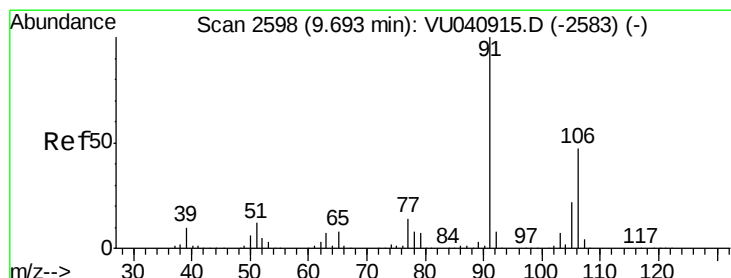
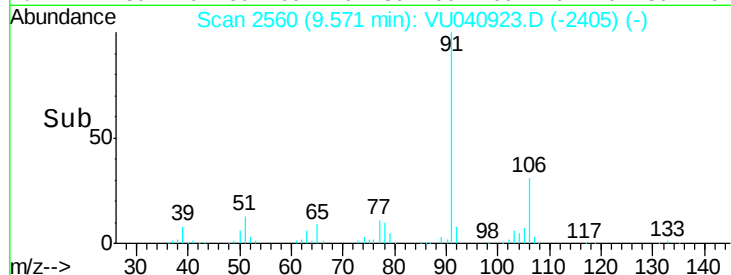
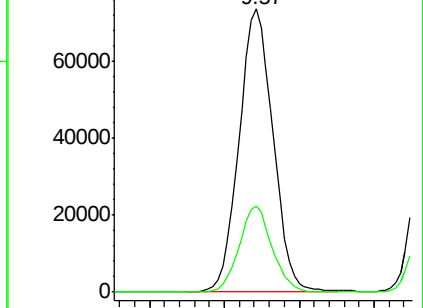
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Abundance Ion 91.00 (90.70 to 91.70): VU040915.D (-2545) (-)

Ion 106.00 (105.70 to 106.70): VU040915.D (-2545) (-)



#64

m/p-Xylenes

Concen: 3.394 ug/l

RT: 9.69 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VU040923.D

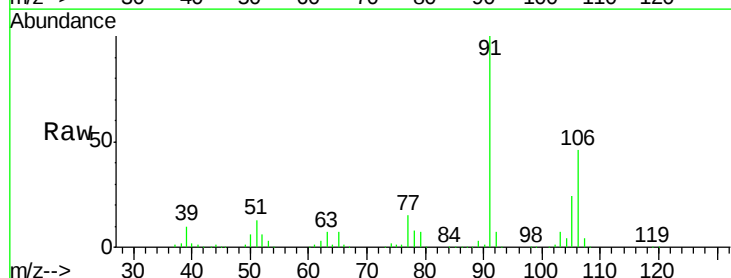
Acq: 23 Oct 2020 01:20

Tgt Ion: 106 Resp: 90680

Ion Ratio Lower Upper

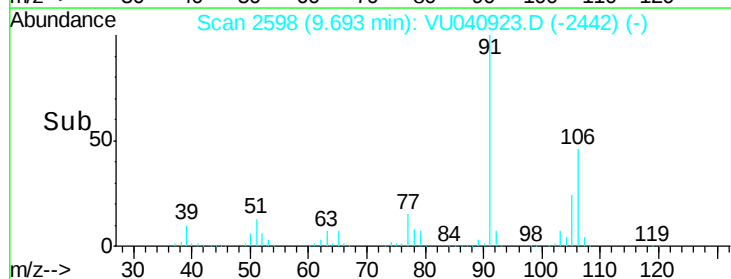
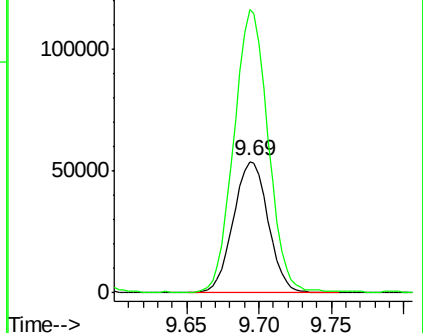
106 100

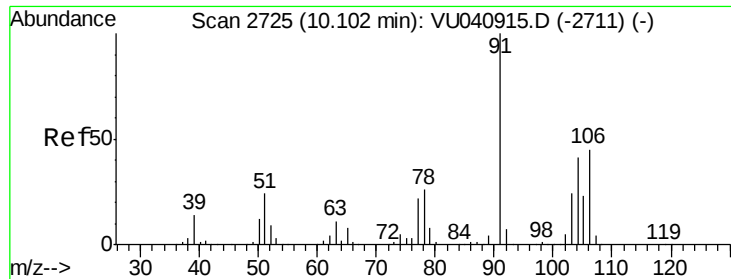
91 210.2 168.3 252.5



Abundance Ion 106.00 (105.70 to 106.70): VU040915.D (-2583) (-)

Ion 91.00 (90.70 to 91.70): VU040915.D (-2583) (-)





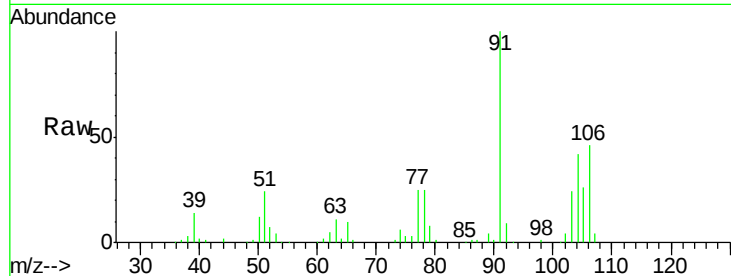
#65
o-Xylene
Concen: 1.752 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

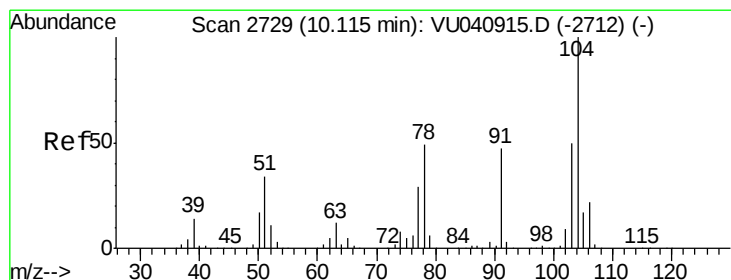
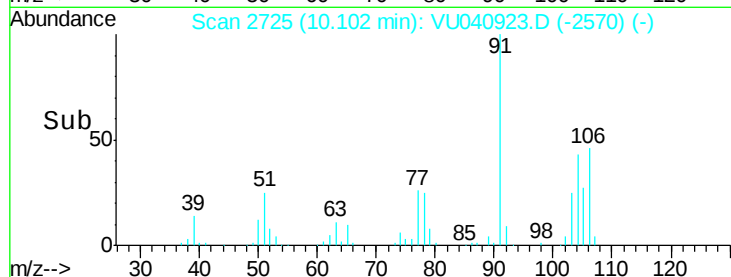
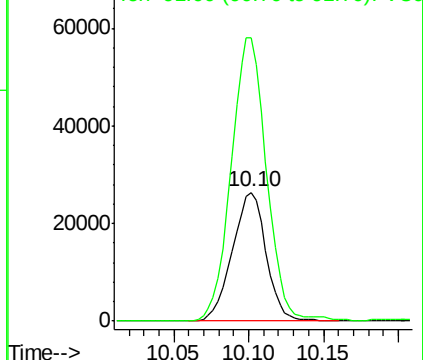
Tot Ion:106 Resp: 41639
Ion Ratio Lower Upper
106 100
91 226.4 111.3 333.9

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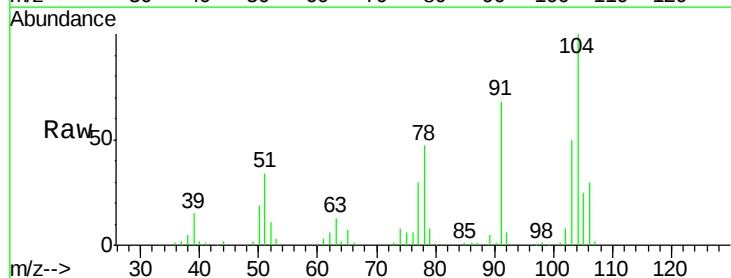


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

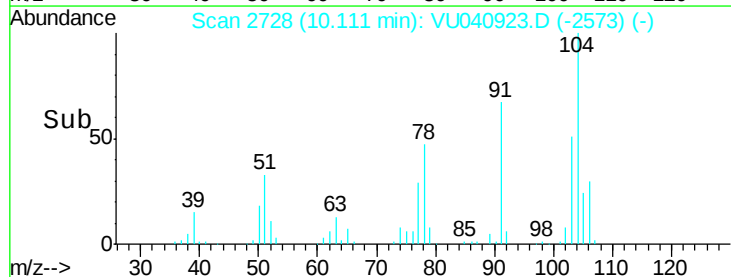
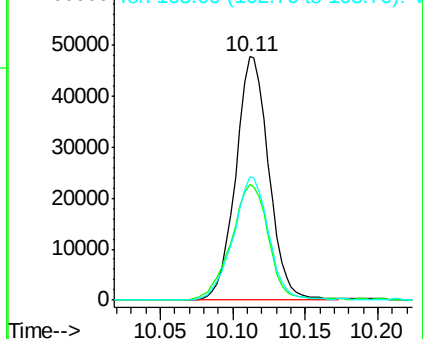


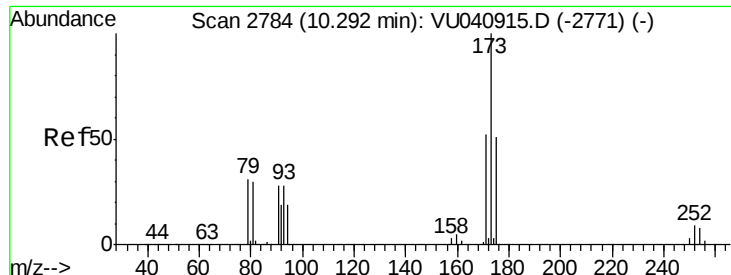
#66
Styrene
Concen: 1.755 ug/l
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion:104 Resp: 75853
Ion Ratio Lower Upper
104 100
78 53.3 43.4 65.0
103 54.2 43.1 64.7



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





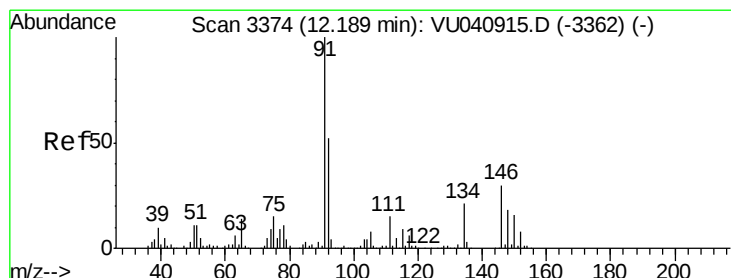
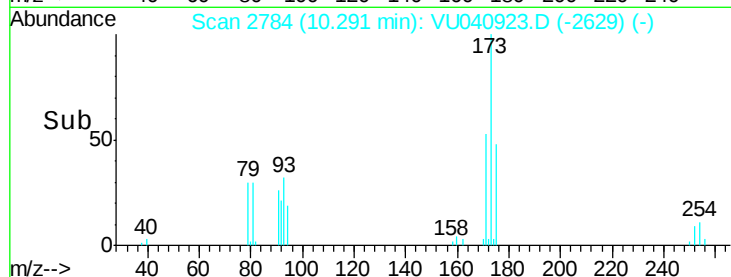
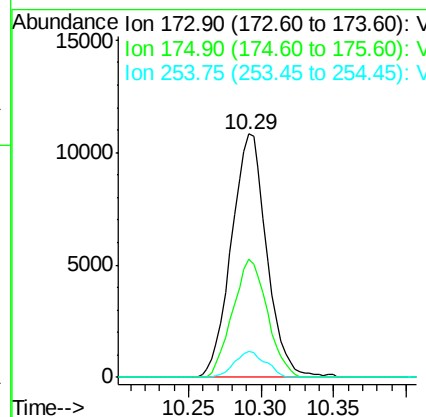
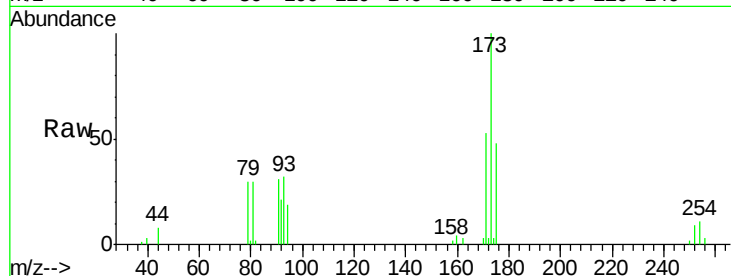
#67
Bromoform
Concen: 1.998 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	39.0	58.4
254	9.4	6.6	9.8

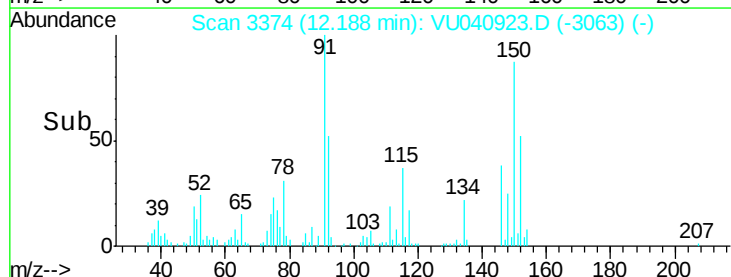
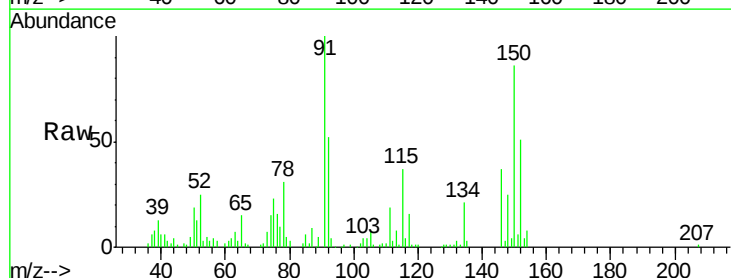
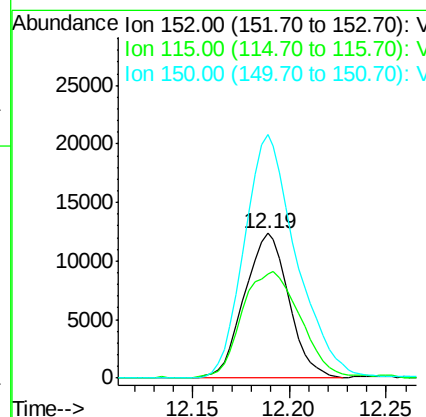
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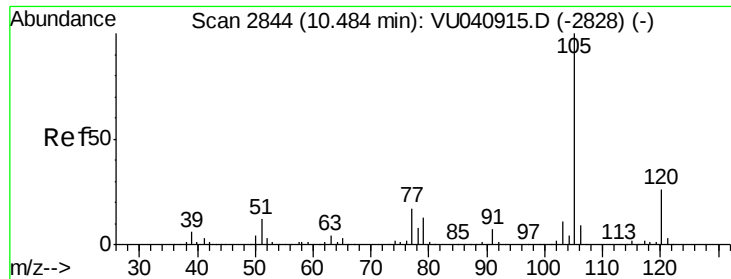
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#68
1,2-Dichlorobenzene-d4
Concen: 0.950 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
152	100		
115	97.0	0.0	323.4
150	196.7	0.0	653.8





#69

Isopropylbenzene

Concen: 1.751 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion:105 Resp: 110965

Ion Ratio Lower Upper

105 100

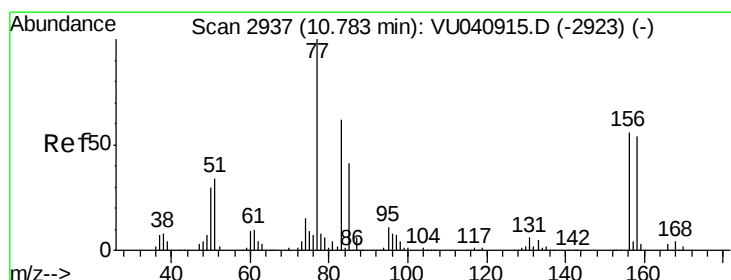
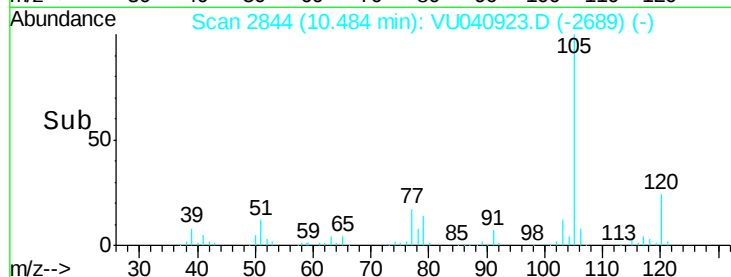
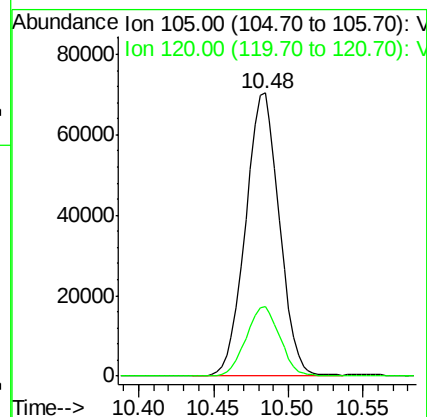
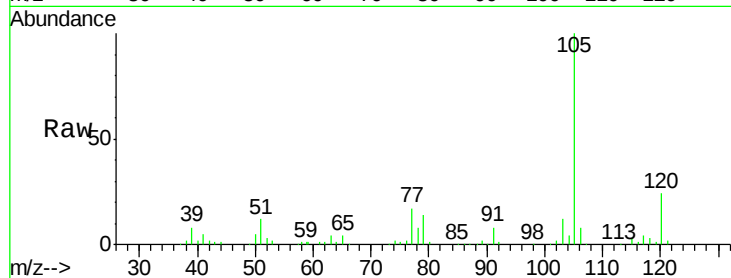
120 24.7 12.9 38.6

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#70

1,1,2,2-Tetrachloroethane

Concen: 2.106 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

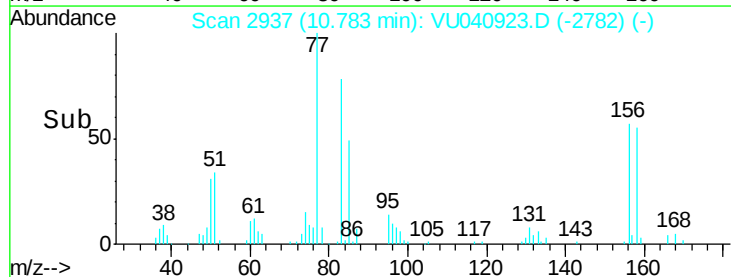
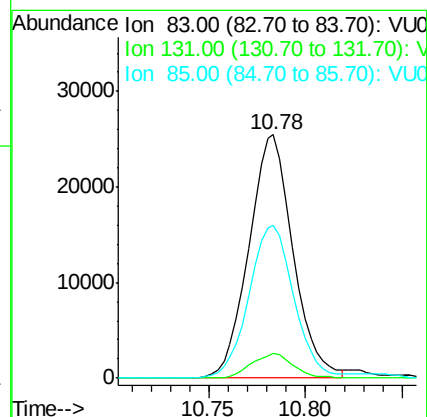
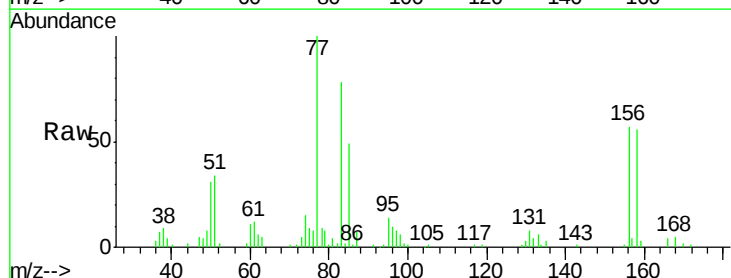
Tgt Ion: 83 Resp: 40418

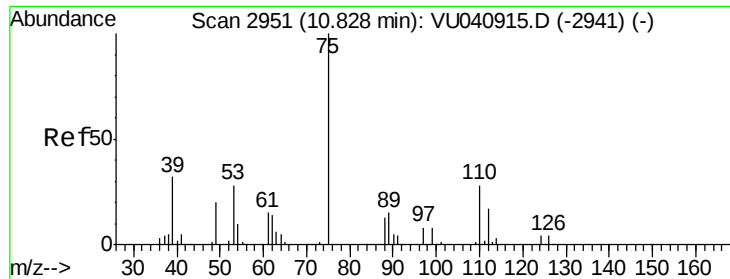
Ion Ratio Lower Upper

83 100

131 9.4 7.1 10.7

85 64.6 51.8 77.6





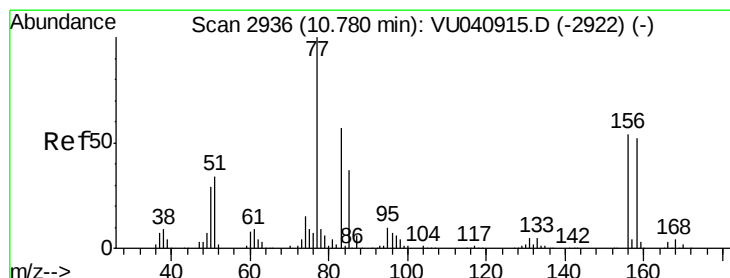
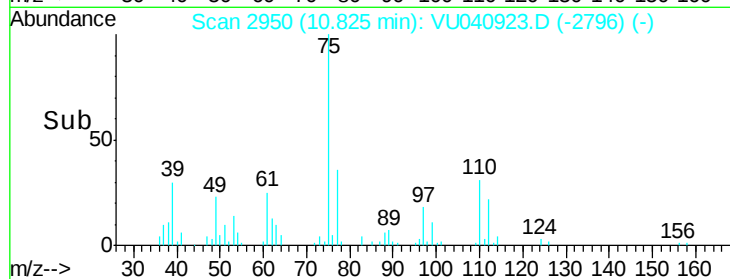
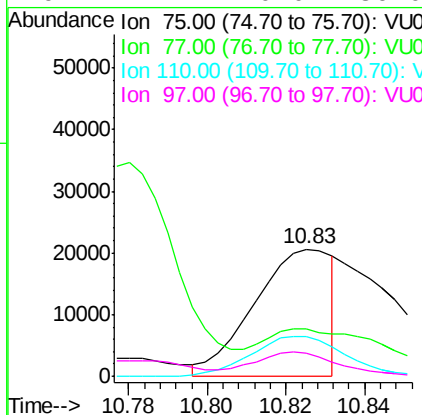
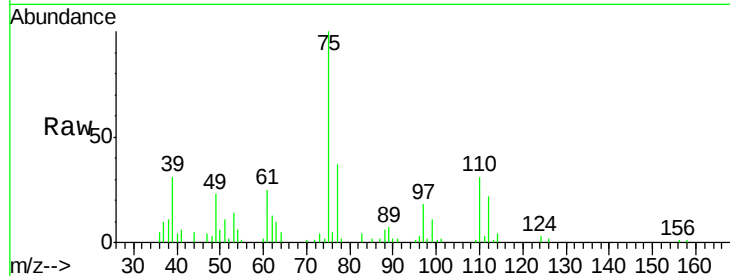
#71
1,2,3-Trichloropropane
Concen: 1.941 ug/l m
RT: 10.83 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion	75	Resp	28399
Ion Ratio	Lower	Upper	
75	100		
77	58.8	0.0	110.8
110	37.9	0.0	73.4
97	21.1	0.0	36.0

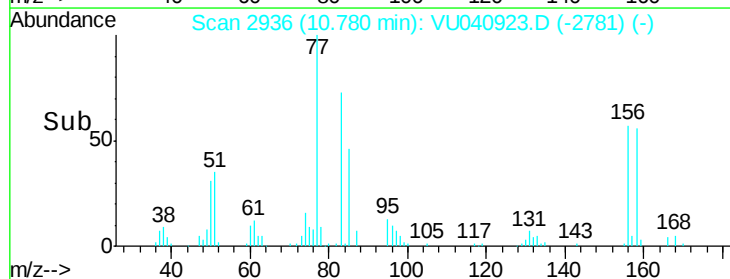
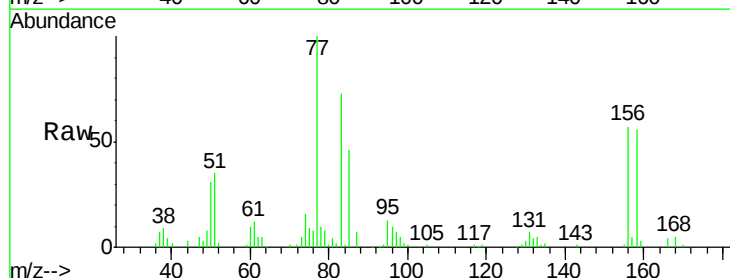
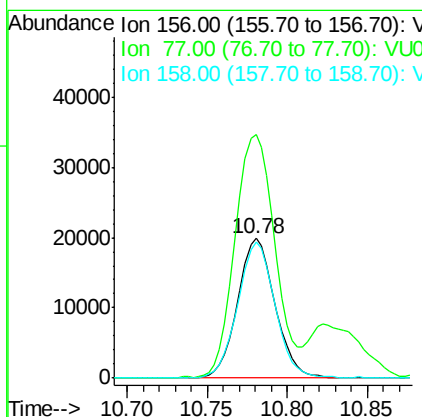
Manual Integrations
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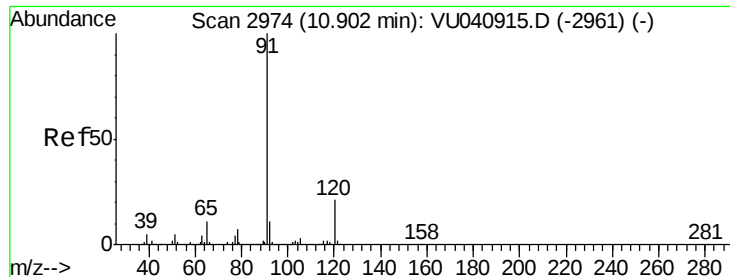
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#72
Bromobenzene
Concen: 1.917 ug/l
RT: 10.78 min Scan# 2936
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion	156	Resp	31671
Ion Ratio	Lower	Upper	
156	100		
77	187.9	0.0	370.2
158	97.1	0.0	193.2





#73

n-propylbenzene

Concen: 1.675 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion:120 Resp: 31108

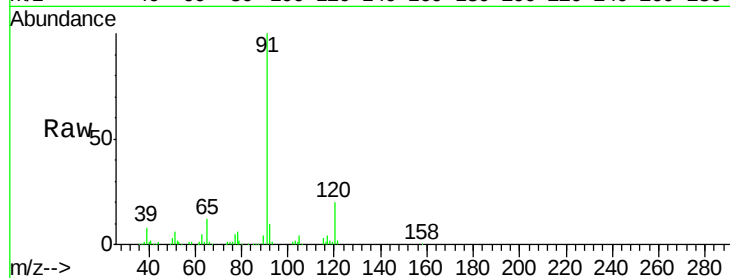
Ion Ratio Lower Upper

120 100

91 480.6 370.8 556.2

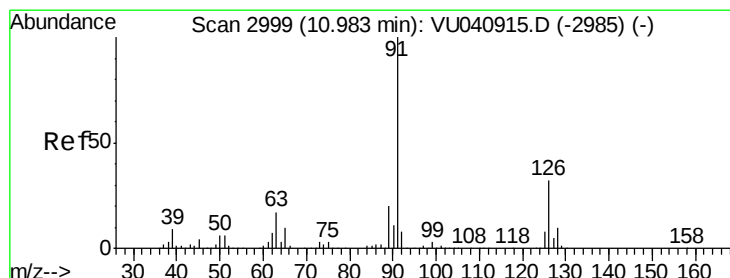
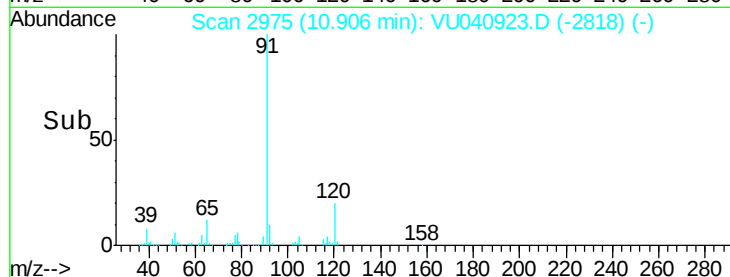
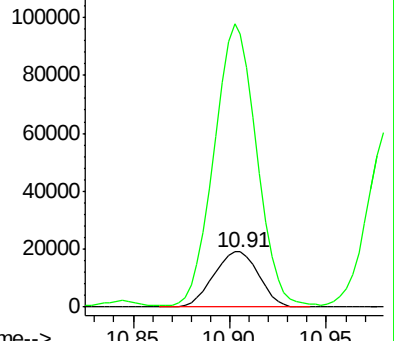
Manual Integrations
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.870 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040923.D

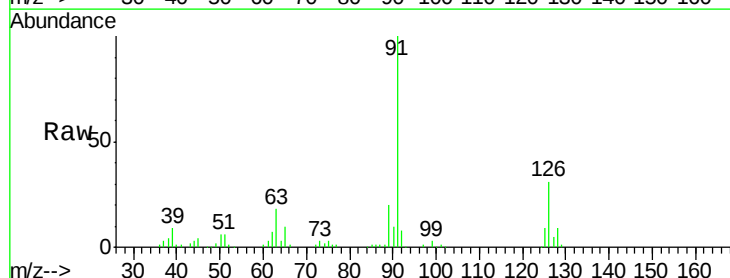
Acq: 23 Oct 2020 01:20

Tgt Ion:126 Resp: 30751

Ion Ratio Lower Upper

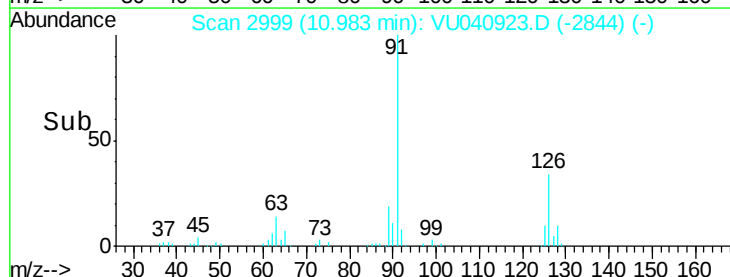
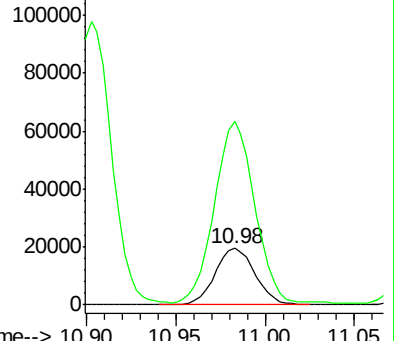
126 100

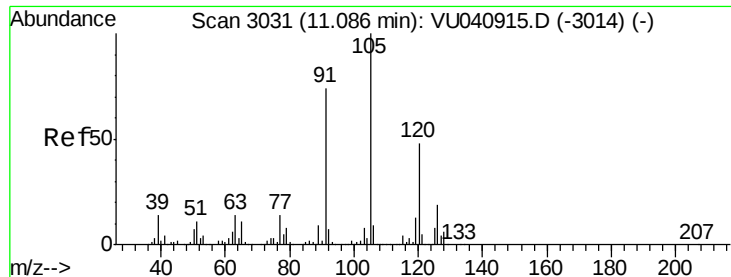
91 325.7 0.0 633.2



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: 1.710 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion:105 Resp: 99586

Ion Ratio Lower Upper

105 100

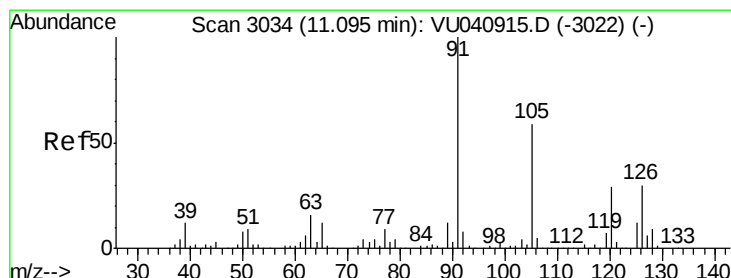
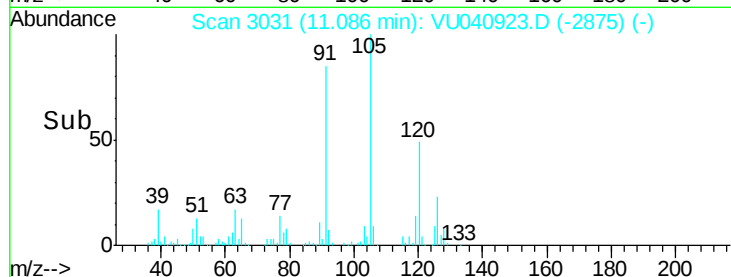
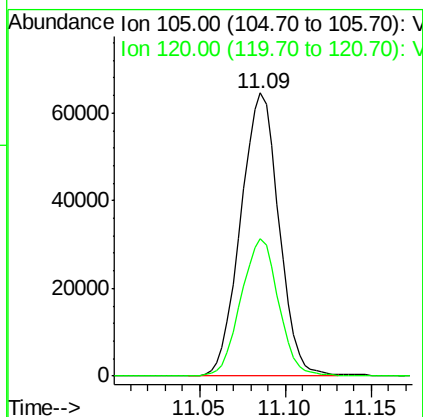
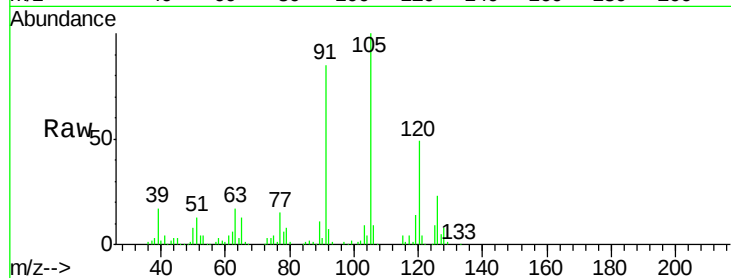
120 47.9 38.7 58.1

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#76

4-Chlorotoluene

Concen: 1.977 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040923.D

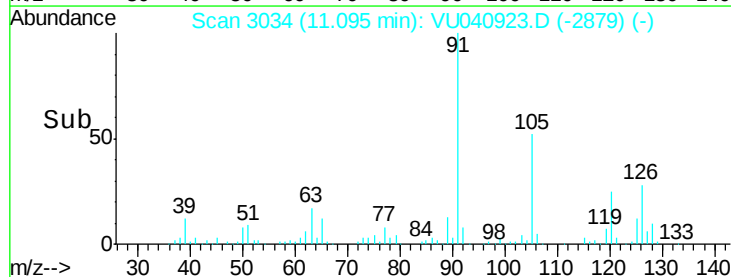
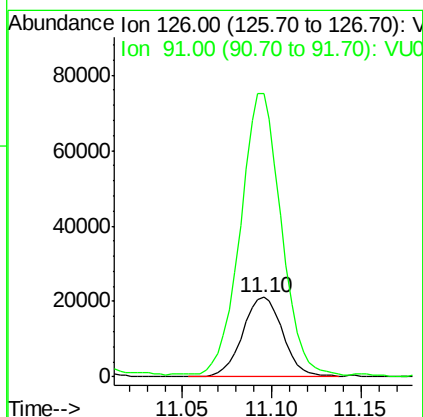
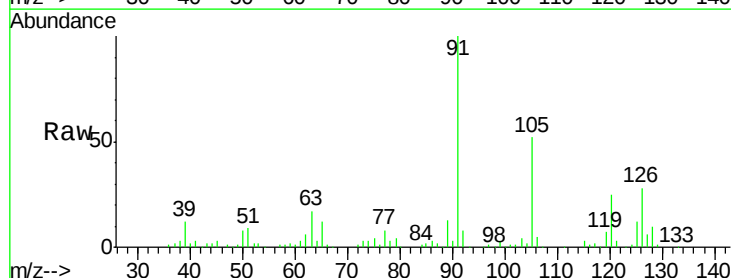
Acq: 23 Oct 2020 01:20

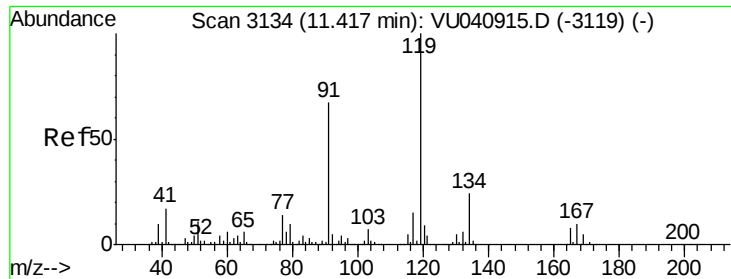
Tgt Ion:126 Resp: 33693

Ion Ratio Lower Upper

126 100

91 352.8 0.0 730.4





#77

tert-Butylbenzene

Concen: 1.864 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

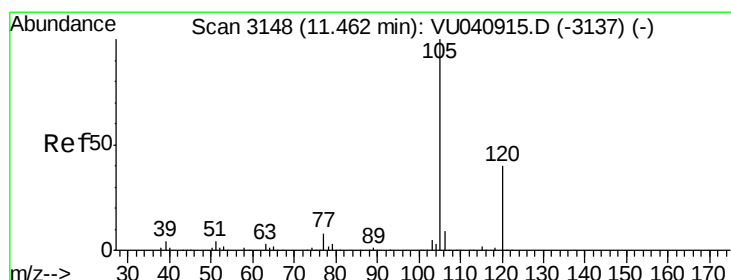
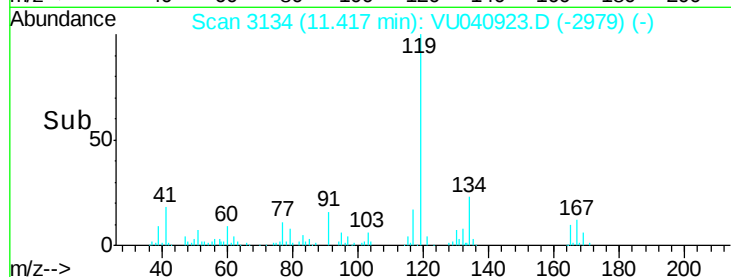
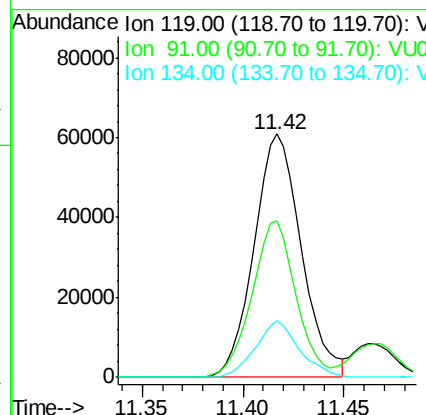
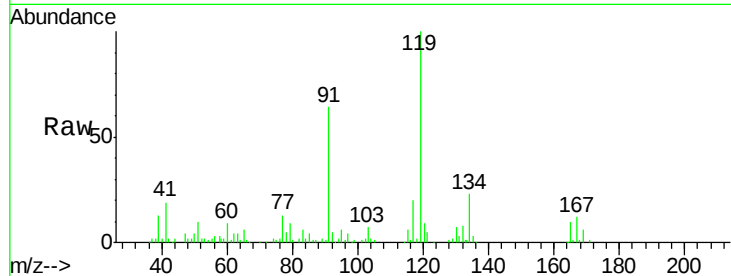
ClientSampleId :

VU1022WBSD01

Tot Ion:	119	Resp:	99868
Ion Ratio	Lower	Upper	
119	100		
91	59.9	32.0	96.2
134	21.7	18.4	27.6

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#78

1,2,4-Trimethylbenzene

Concen: 1.735 ug/l

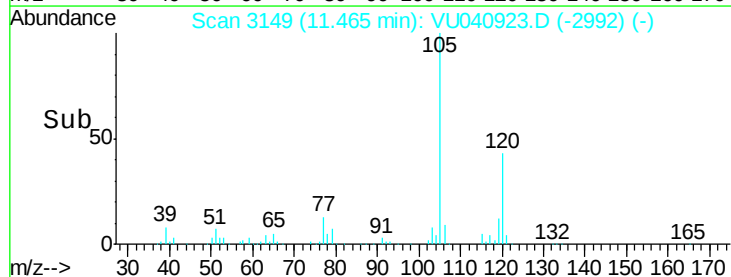
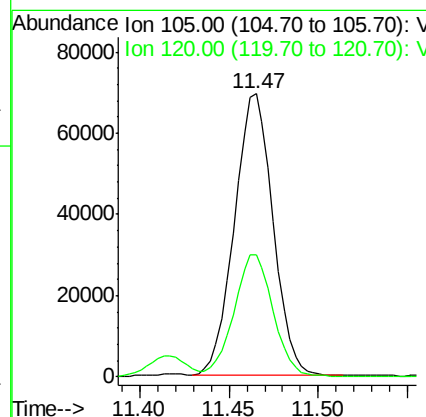
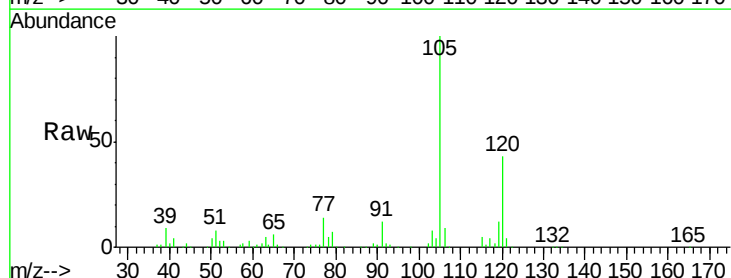
RT: 11.47 min Scan# 3149

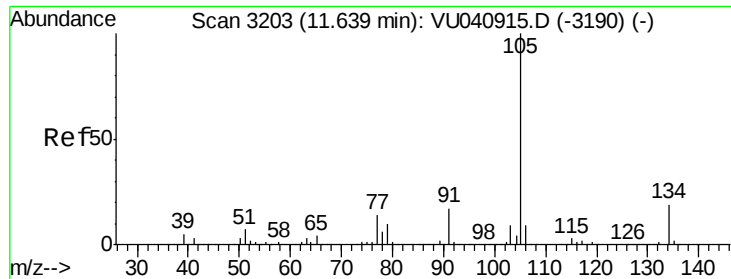
Delta R.T. 0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Tgt Ion:	105	Resp:	104723
Ion Ratio	Lower	Upper	
105	100		
120	44.0	22.6	67.8





#79

sec-Butylbenzene

Concen: 1.818 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

ClientSampleId :

VU1022WBSD01

Tot Ion: 105 Resp: 135194

Ion Ratio Lower Upper

105 100

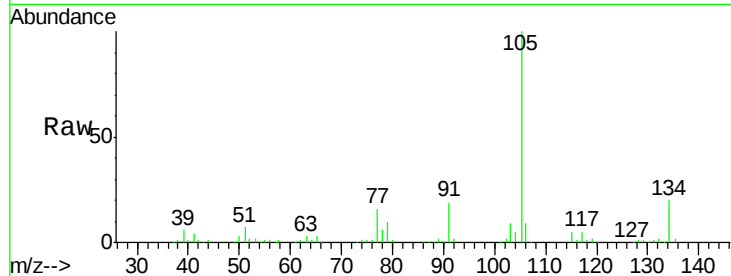
134 19.9 15.4 23.0

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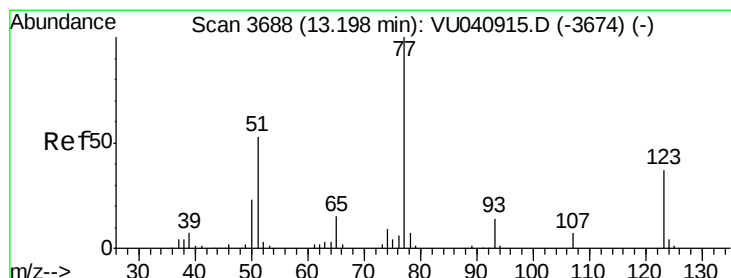
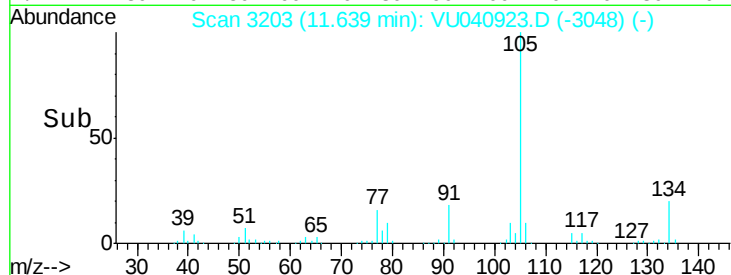
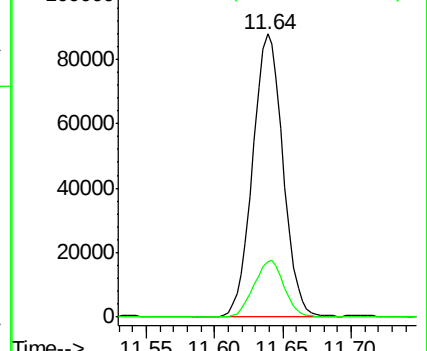
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 9.291 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

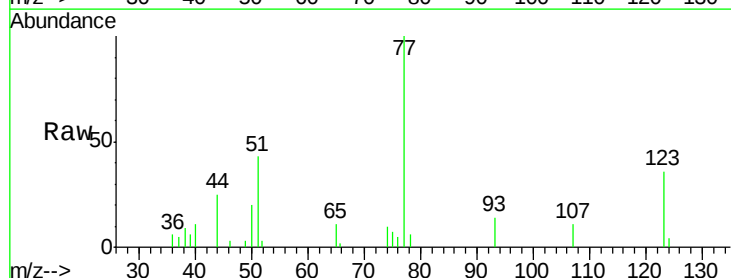
Tgt Ion: 77 Resp: 8435

Ion Ratio Lower Upper

77 100

123 41.2 16.8 59.4

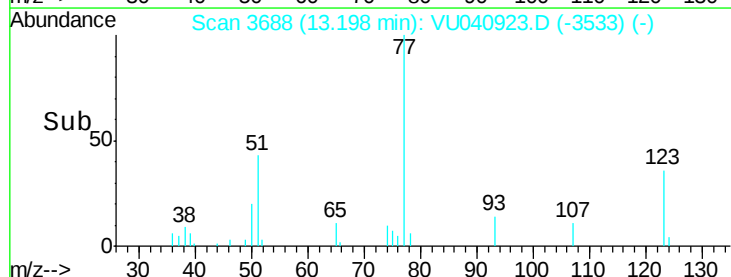
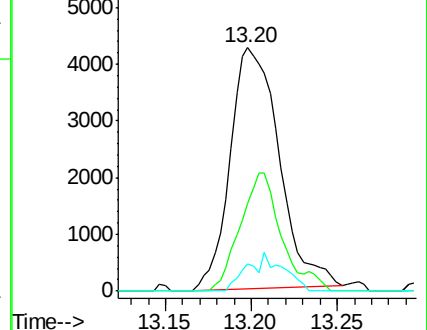
65 11.3 11.0 14.0

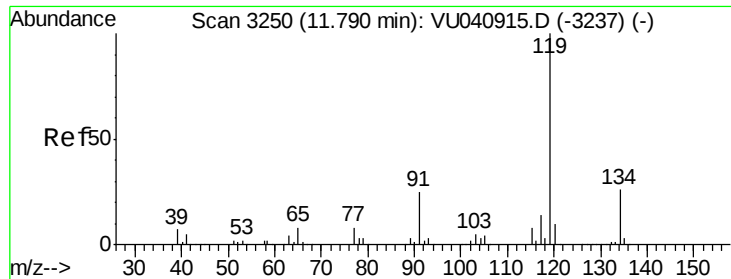


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





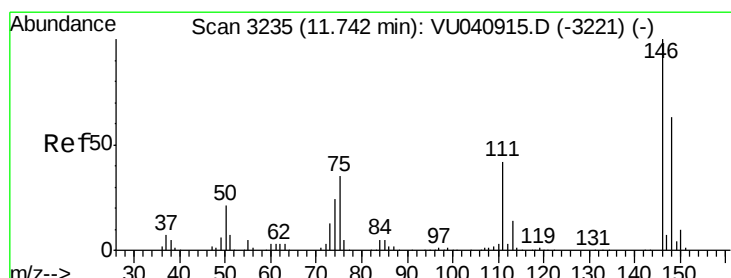
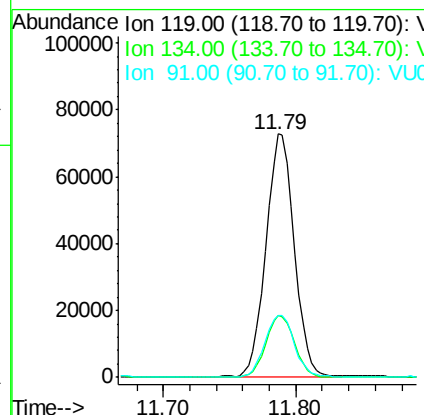
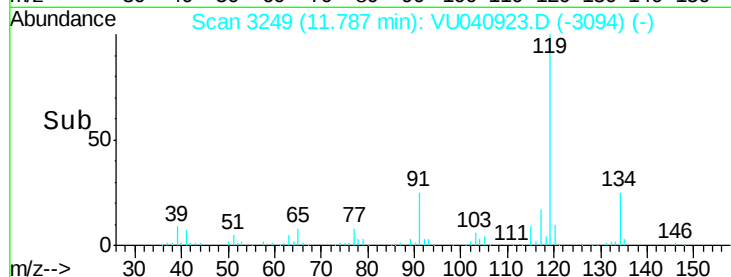
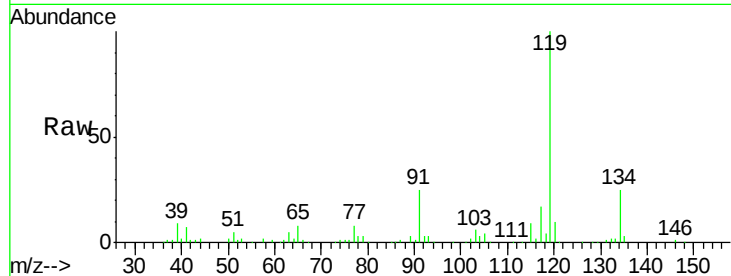
#81
 p-Isopropyltoluene
 Concen: 1.749 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.7	20.4	30.6
91	26.2	20.4	30.6

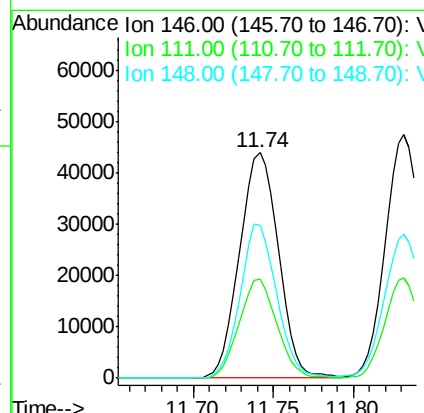
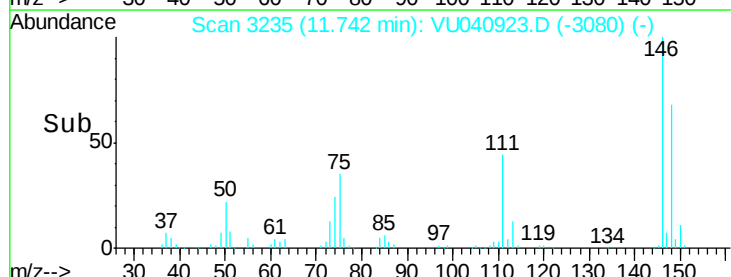
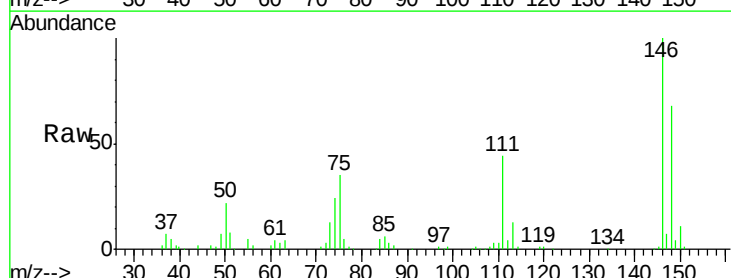
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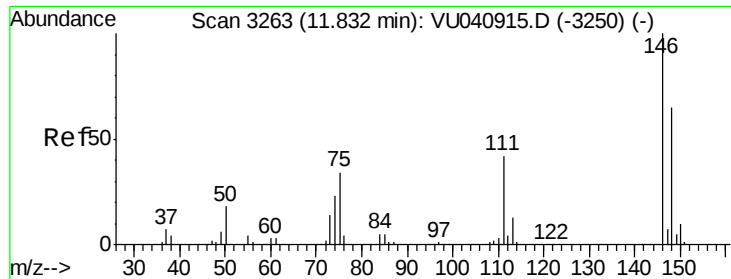
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#82
 1,3-Dichlorobenzene
 Concen: 2.028 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	33.6	50.4
148	64.0	50.1	75.1





#83

1,4-Dichlorobenzene

Concen: 2.040 ug/l

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Instrument :

MSVOA_U

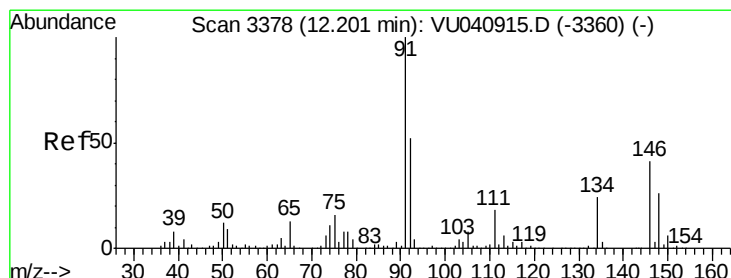
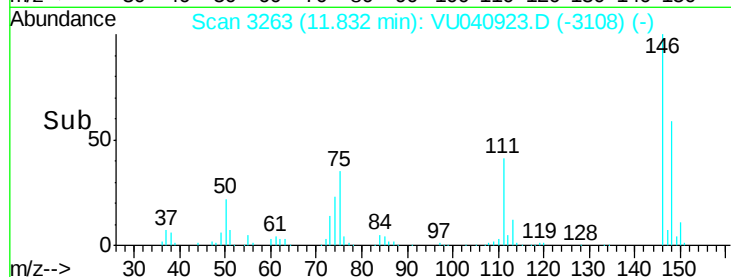
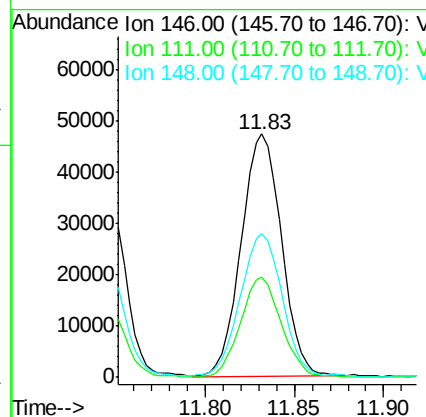
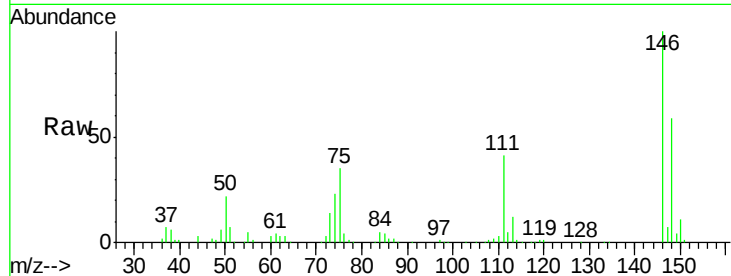
ClientSampleId :

VU1022WBSD01

Tot Ion:	146	Resp:	74351
Ion Ratio	Lower	Upper	
146	100		
111	42.1	33.7	50.5
148	60.7	50.6	75.8

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#84

n-Butylbenzene

Concen: 1.693 ug/l

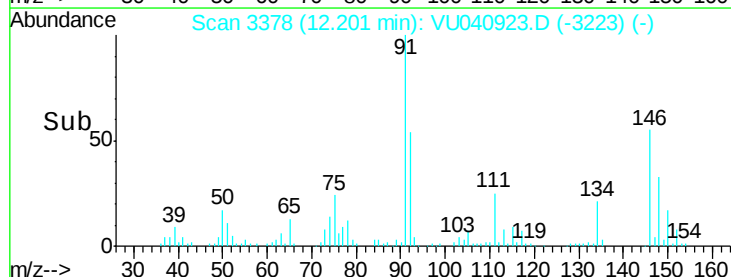
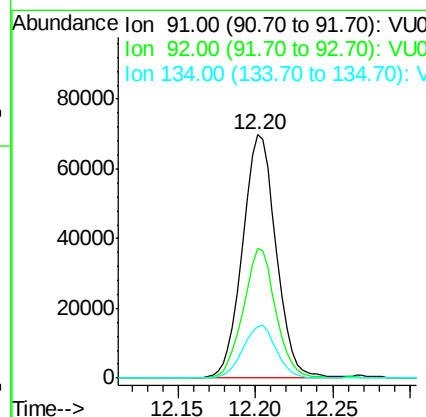
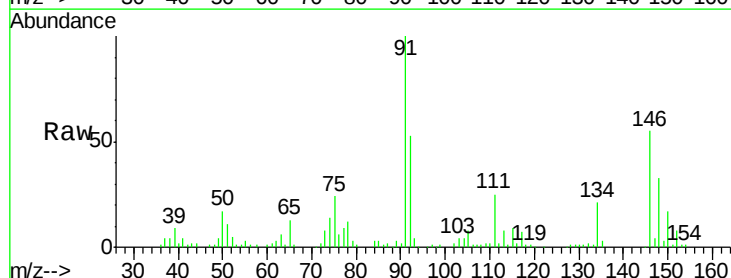
RT: 12.20 min Scan# 3378

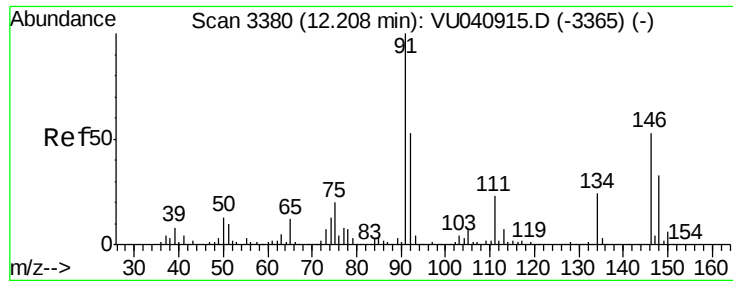
Delta R.T. -0.00 min

Lab File: VU040923.D

Acq: 23 Oct 2020 01:20

Tgt Ion:	91	Resp:	105392
Ion Ratio	Lower	Upper	
91	100		
92	51.6	41.7	62.5
134	21.3	18.6	28.0





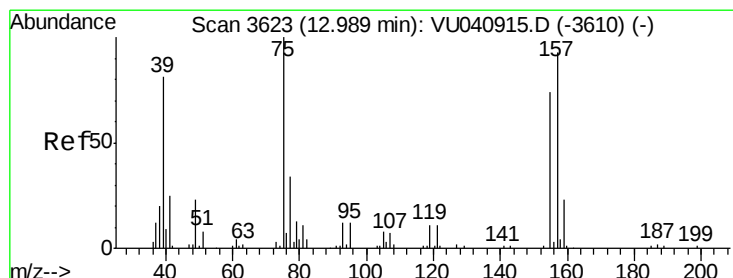
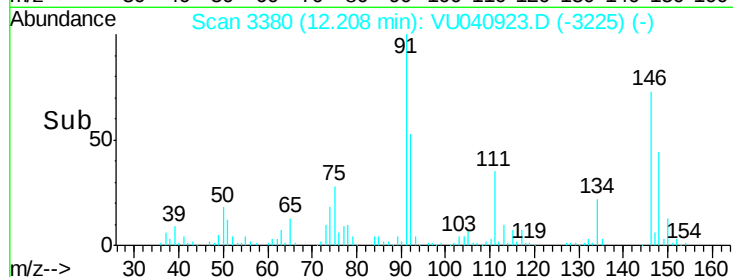
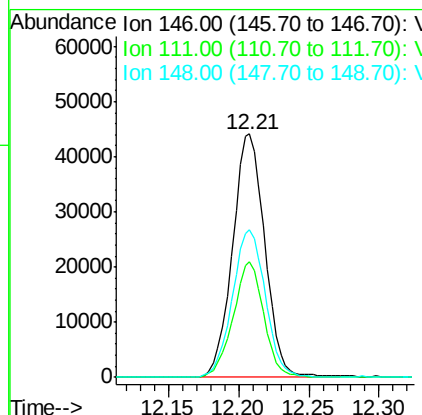
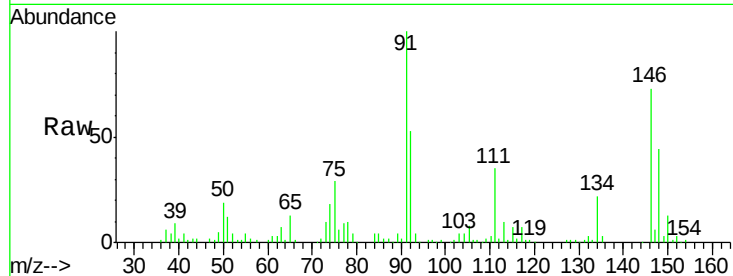
#85
 1,2-Dichlorobenzene
 Concen: 2.054 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.3	66.9
148	62.0	31.5	94.5

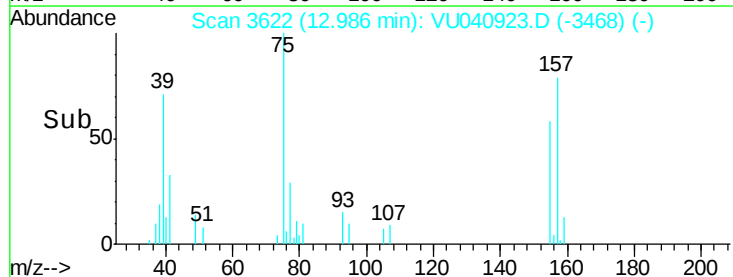
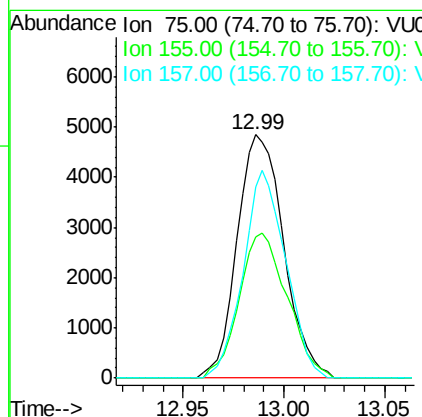
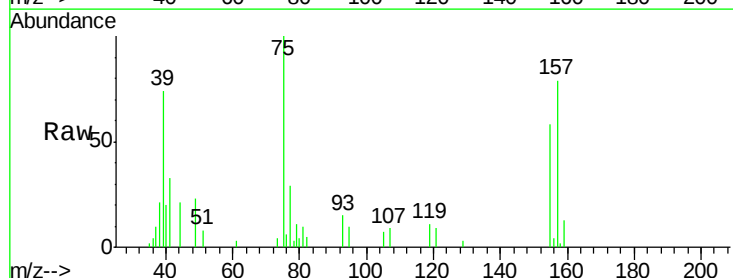
Manual Integrations
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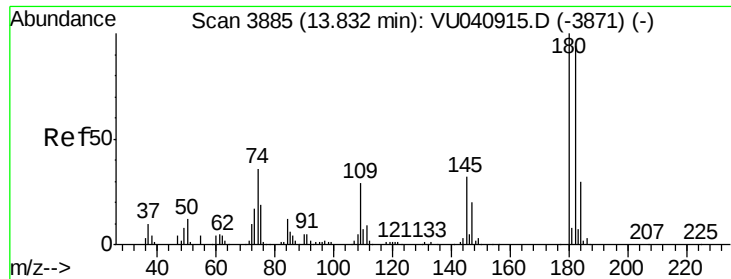
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.188 ug/l
 RT: 12.99 min Scan# 3622
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	61.6	57.1	85.7
157	78.2	72.4	108.6





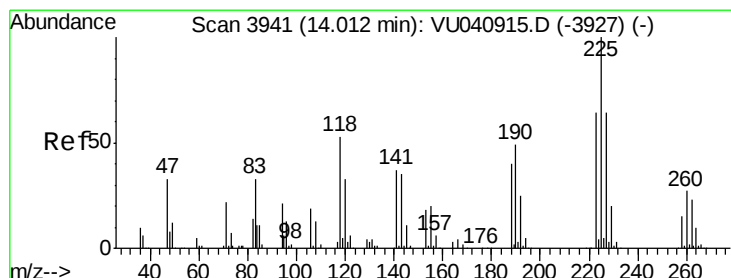
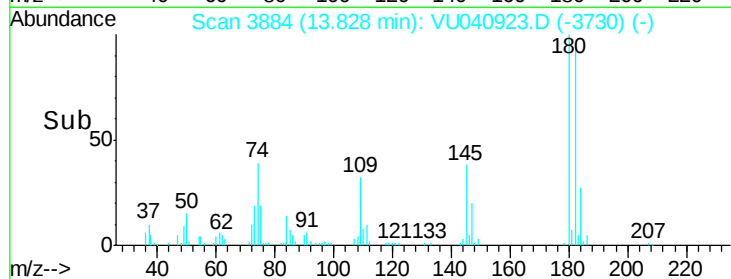
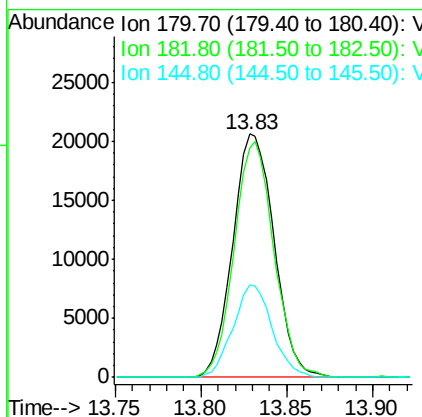
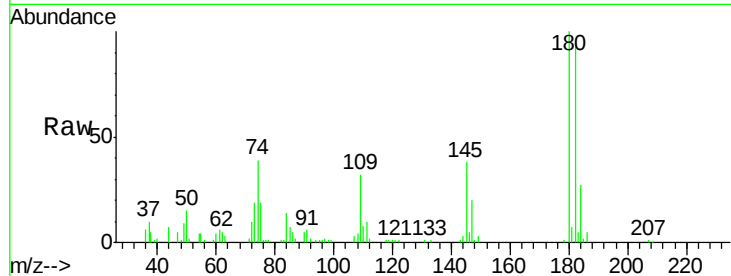
#87
 1,2,4-Trichlorobenzene
 Concen: 1.705 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.4	113.2
145	35.8	25.4	38.0

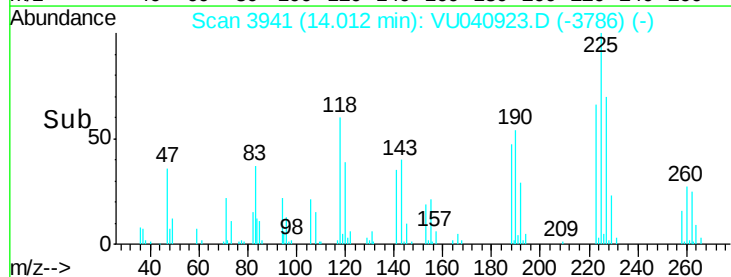
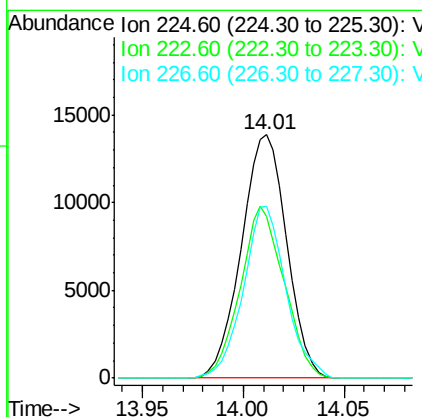
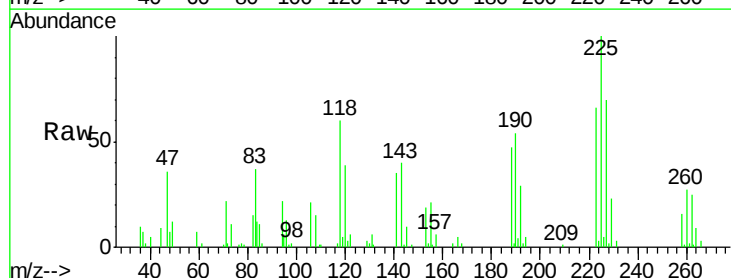
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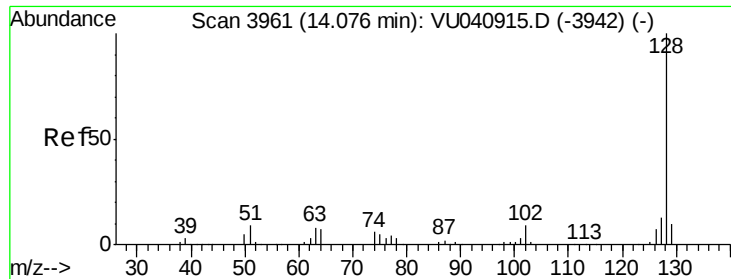
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#88
 Hexachlorobutadiene
 Concen: 1.925 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040923.D
 Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.1	49.9	74.9
227	66.3	51.1	76.7





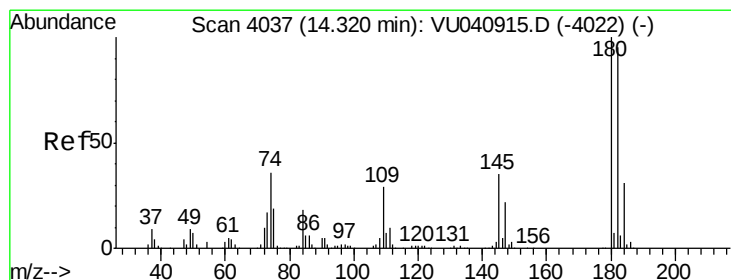
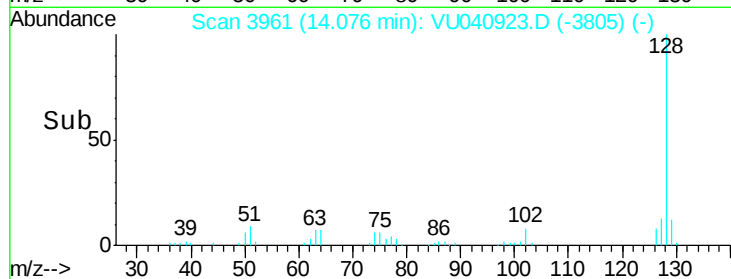
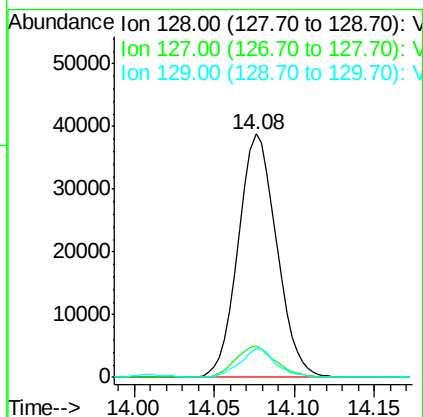
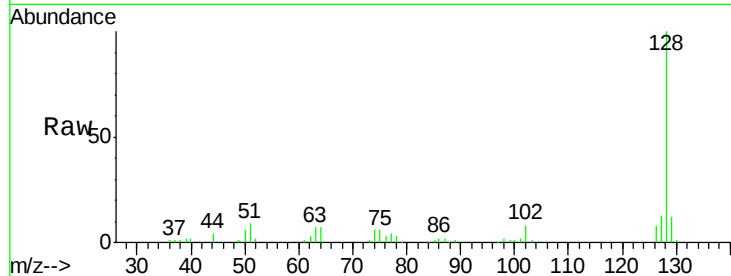
#89
Naphthalene
Concen: 1.875 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Instrument :
MSVOA_U
ClientSampleId :
VU1022WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.7	16.1
129	10.9	8.6	13.0

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#90
1,2,3-Trichlorobenzene
Concen: 1.756 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU040923.D
Acq: 23 Oct 2020 01:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	76.0	114.0
145	35.1	28.0	42.0

