

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102320\
 Data File : VU040930.D
 Acq On : 23 Oct 2020 12:04
 Operator : SY/MD
 Sample : VU1023WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU1023WBS01

Manual Integrations
 APPROVED

MMDadoda

10/26/2020 4:24:16 PM

Quant Time: Oct 24 06:44:45 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	6.13	96	54420	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	18413	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	21009	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	49509	1.951	ug/l	97
3) Chloromethane	1.53	50	54291	2.052	ug/l	95
4) Vinyl Chloride	1.61	62	50721	2.059	ug/l	99
5) Bromomethane	1.87	94	30327	2.095	ug/l	99
6) Chloroethane	1.94	64	30269	2.010	ug/l	97
7) Trichlorofluoromethane	2.15	101	63305	2.034	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	35653	2.060	ug/l	98
9) 1,1-Dichloroethene	2.59	96	31243	2.073	ug/l	97
10) Iodomethane	2.74	142	30053	1.968	ug/l	99
11) Allyl Chloride	2.94	41	61997	1.998	ug/l	98
12) Acrylonitrile	3.34	53	22654	4.264	ug/l #	93
13) Acetone	2.66	43	51917	11.675	ug/l	98
14) Carbon Disulfide	2.81	76	116571	2.058	ug/l	98
15) Methylene Chloride	3.06	84	37694	1.926	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	36121	2.118	ug/l	91
17) 1,1-Dichloroethane	3.89	63	73710	2.113	ug/l	100
18) 2-Butanone	4.75	43	78718	10.943	ug/l	97
19) Cyclohexane	5.40	56	65108m	1.983	ug/l	
20) Methylcyclohexane	6.77	83	41757	1.700	ug/l	93
21) 2,2-Dichloropropane	4.68	77	61870	2.100	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	36964	2.031	ug/l	97
23) Diethyl Ether	2.39	59	29181	1.961	ug/l	92
24) tert-Butyl Alcohol	3.32	59	20239m	12.192	ug/l	
25) Methyl tert-Butyl Ether	3.38	73	93165	1.993	ug/l	97
26) Bromochloromethane	4.99	128	16928	2.140	ug/l	91
27) Chloroform	5.11	83	69957	2.098	ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	57858	2.013	ug/l	96
29) 1,1-Dichloropropene	5.54	75	49433	1.963	ug/l	99
30) Carbon Tetrachloride	5.53	117	52419	2.015	ug/l	97
31) Isopropyl Ether	4.02	45	105262	1.951	ug/l	96
32) Ethyl-t-butyl ether	4.53	59	93066	1.959	ug/l	100
33) Tert-Amyl methyl ether	5.97	73	61926	1.750	ug/l	98
34) Propionitrile	4.83	54	21851	11.063	ug/l #	73
35) Benzene	5.79	78	136418	1.954	ug/l	100
36) 1,2-Dichloroethane	5.81	62	53030	2.049	ug/l	96
37) Trichloroethene	6.55	130	32195	1.951	ug/l	98
38) 1,2-Dichloropropane	6.80	63	39684	2.003	ug/l	98
39) Methacrylonitrile	5.01	41	16778	1.812	ug/l #	89
40) Methyl acrylate	4.87	55	26888	2.118	ug/l #	95
41) Tetrahydrofuran	5.10	42	19635	4.122	ug/l	98
42) 1-Chlorobutane	5.47	56	75286	1.977	ug/l	96

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Manual Integrations
 APPROVED

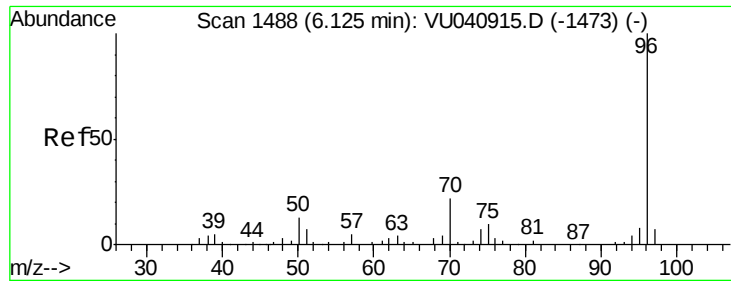
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Quant Time: Oct 24 06:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	22384	2.016	ug/l	97
44) Bromodichloromethane	7.12	83	51926	2.015	ug/l	96
45) 4-Methyl-2-Pentanone	7.81	43	132085	9.063	ug/l	96
46) t-1,4-Dichloro-2-butene	10.83	75	17808m	3.090	ug/l	
47) Methyl methacrylate	6.98	69	31729	3.423	ug/l	96
48) Ethyl methacrylate	8.34	69	25647	1.645	ug/l	97
49) Toluene	7.98	92	69393	1.807	ug/l	92
50) t-1,3-Dichloropropene	8.22	75	41627	1.869	ug/l	95
51) cis-1,3-Dichloropropene	7.62	75	45161	1.850	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	29471	2.100	ug/l	97
53) 1,3-Dichloropropane	8.58	76	47723	1.894	ug/l	98
54) 2-Hexanone	8.70	43	93508	9.184	ug/l	94
55) Dibromochloromethane	8.82	129	33615	1.997	ug/l	94
56) 1,2-Dibromoethane	8.93	107	25533	1.962	ug/l	99
58) Tetrachloroethene	8.56	164	28709	1.861	ug/l	93
59) Chlorobenzene	9.45	112	73269	1.803	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	32049	2.007	ug/l	99
61) Pentachloroethane	11.42	117	25404	1.969	ug/l	99
62) Hexachloroethane	12.47	117	26102	1.988	ug/l	97
63) Ethyl Benzene	9.57	91	112002	1.664	ug/l	97
64) m/p-Xylenes	9.69	106	87685	3.311	ug/l	98
65) o-Xylene	10.10	106	41782	1.767	ug/l	99
66) Styrene	10.11	104	71896	1.684	ug/l	98
67) Bromoform	10.29	173	17461	1.917	ug/l	96
69) Isopropylbenzene	10.48	105	106722	1.693	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	39049	2.045	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	34129m	2.344	ug/l	
72) Bromobenzene	10.78	156	31997	1.946	ug/l	97
73) n-propylbenzene	10.90	120	31105	1.682	ug/l	92
74) 2-Chlorotoluene	10.99	126	30926	1.890	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	99300	1.714	ug/l	100
76) 4-Chlorotoluene	11.10	126	33358	1.967	ug/l	93
77) tert-Butylbenzene	11.42	119	95590	1.794	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	102836	1.716	ug/l	99
79) sec-Butylbenzene	11.64	105	136445	1.844	ug/l	99
80) Nitrobenzene	13.20	77	9774	10.822	ug/l #	91
81) p-Isopropyltoluene	11.79	119	112885	1.812	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	75232	2.098	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	75163	2.073	ug/l	98
84) n-Butylbenzene	12.20	91	114078	1.842	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	69565	2.028	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	7032	1.972	ug/l	88
87) 1,2,4-Trichlorobenzene	13.83	180	36586	1.820	ug/l	96
88) Hexachlorobutadiene	14.01	225	24491	2.170	ug/l	97
89) Naphthalene	14.08	128	57608	1.773	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	34346	1.756	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

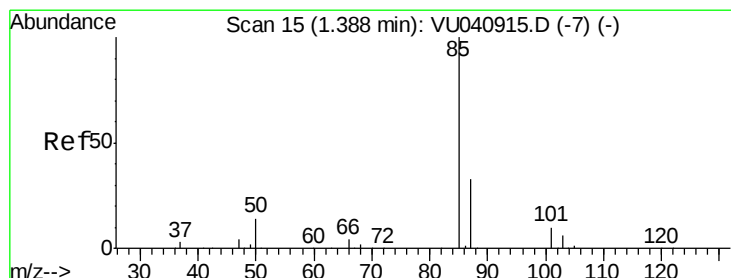
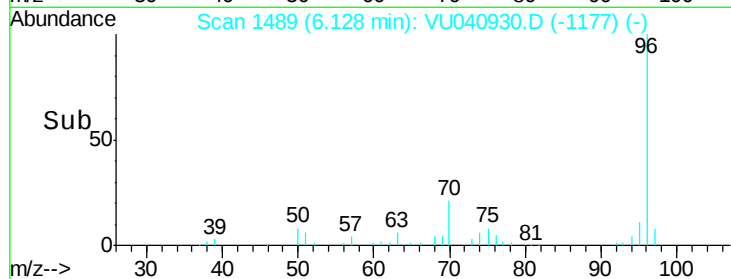
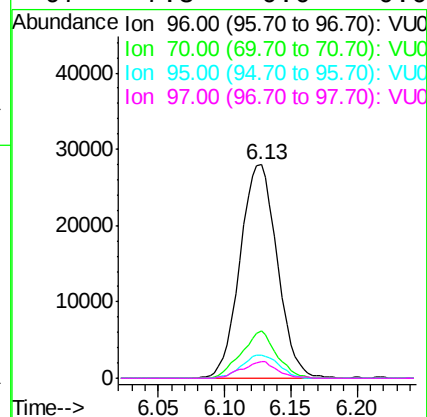
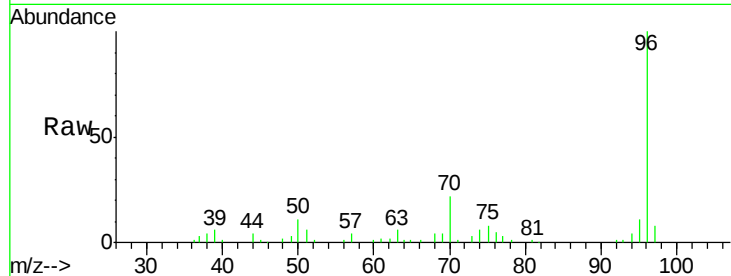
VU1023WBS01

Tot Ion:	96	Resp:	54420
Ion	Ratio	Lower	Upper
96	100		
70	20.7	16.3	24.5
95	10.7	7.3	10.9
97	7.3	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.951 ug/l

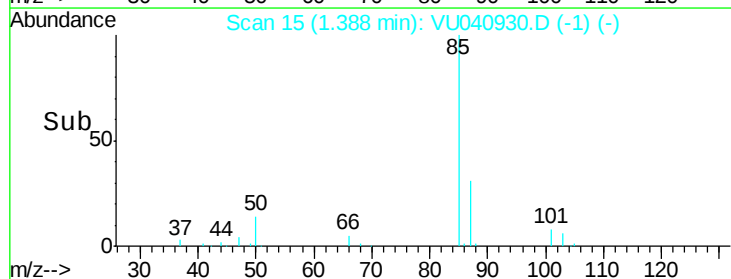
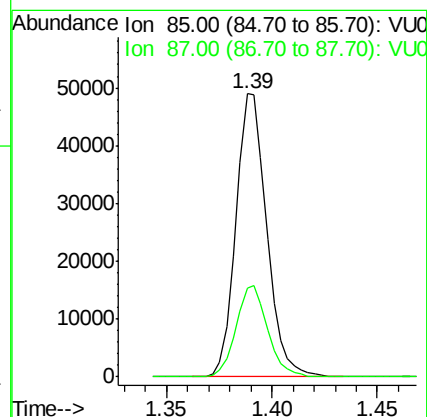
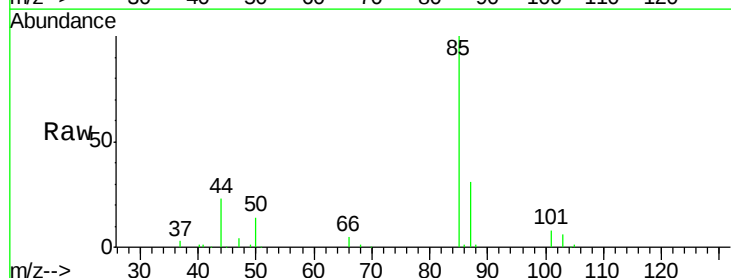
RT: 1.39 min Scan# 15

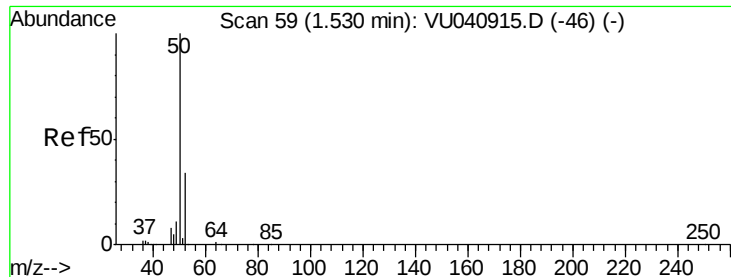
Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Tgt Ion:	85	Resp:	49509
Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.5	49.5





#3

Chloromethane

Concen: 2.052 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion: 50 Resp: 54291

Ion Ratio Lower Upper

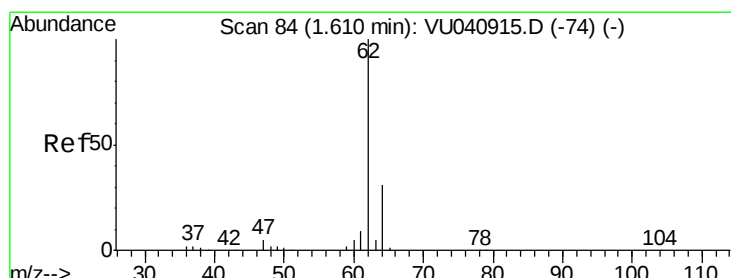
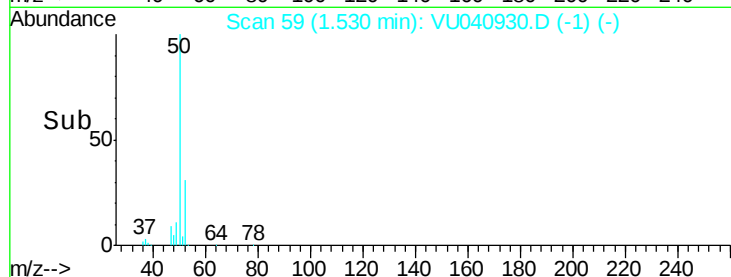
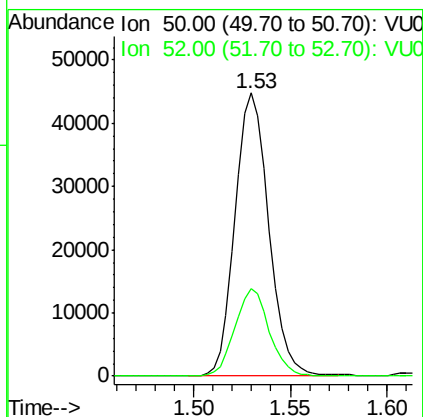
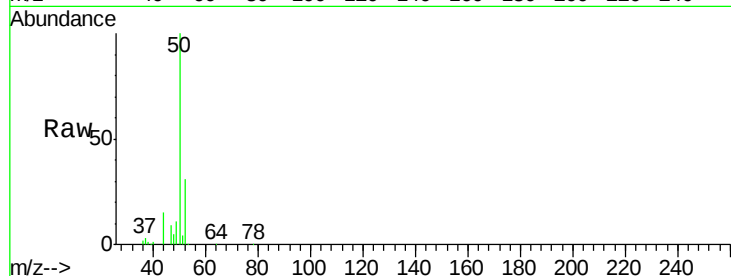
50 100

52 31.0 26.9 40.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 2.059 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040930.D

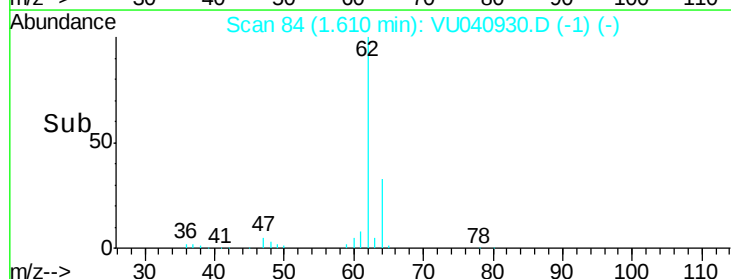
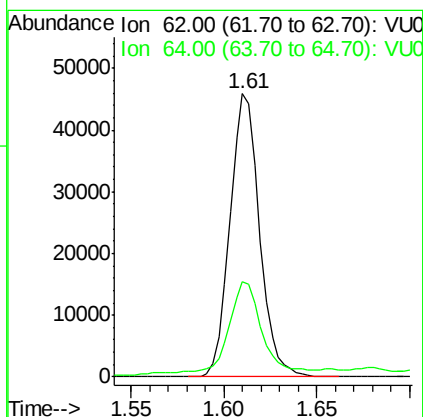
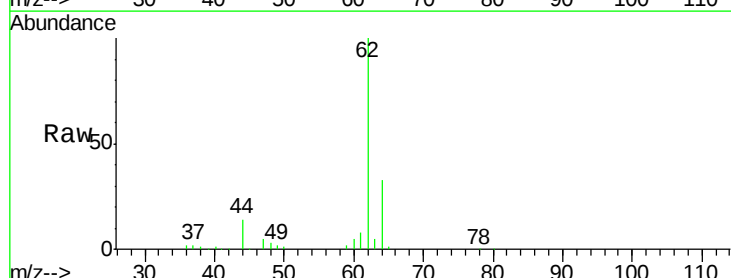
Acq: 23 Oct 2020 12:04

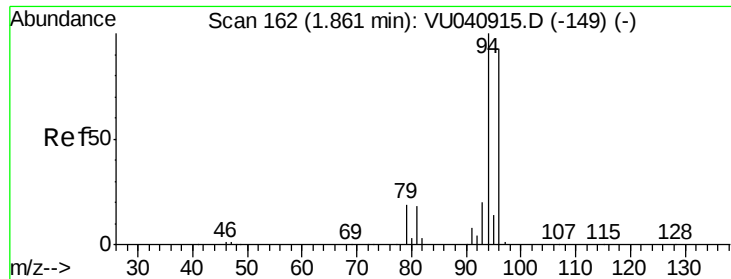
Tgt Ion: 62 Resp: 50721

Ion Ratio Lower Upper

62 100

64 31.6 24.7 37.1





#5

Bromomethane

Concen: 2.095 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion: 94 Resp: 30327

Ion Ratio Lower Upper

94 100

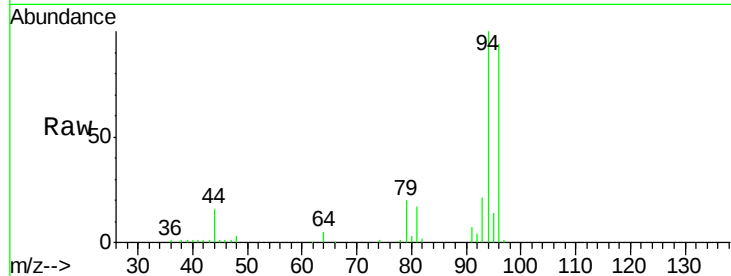
96 93.8 74.4 111.6

Manual Integrations

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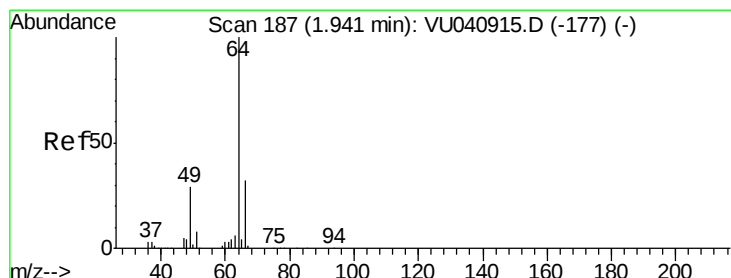
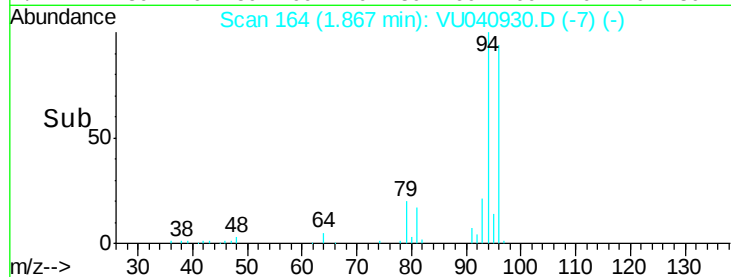
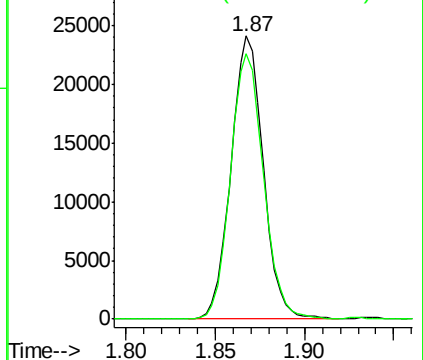
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 2.010 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040930.D

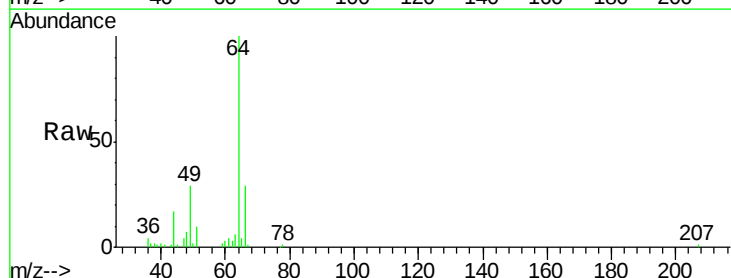
Acq: 23 Oct 2020 12:04

Tgt Ion: 64 Resp: 30269

Ion Ratio Lower Upper

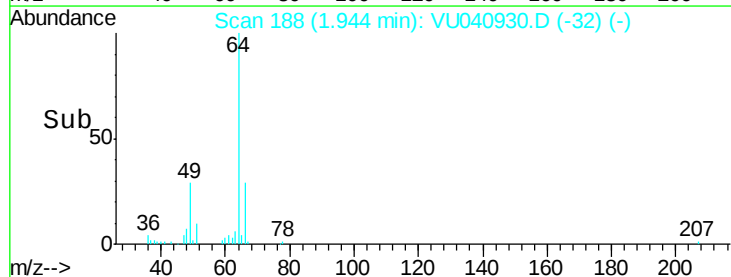
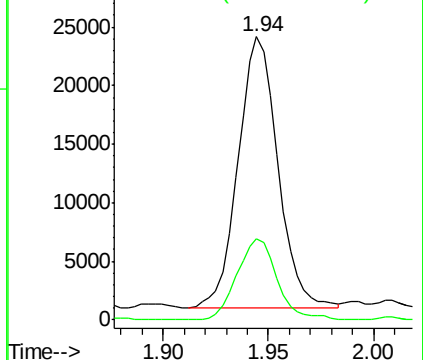
64 100

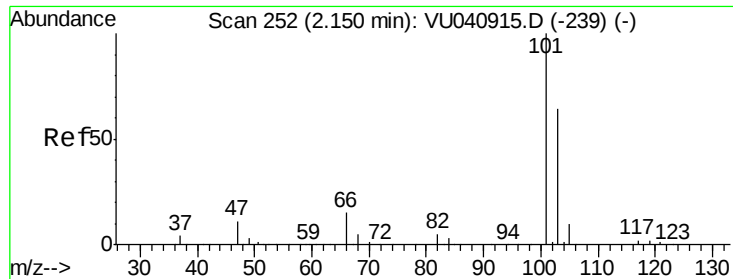
66 30.1 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

Trichlorofluoromethane
Concen: 2.034 ug/l
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

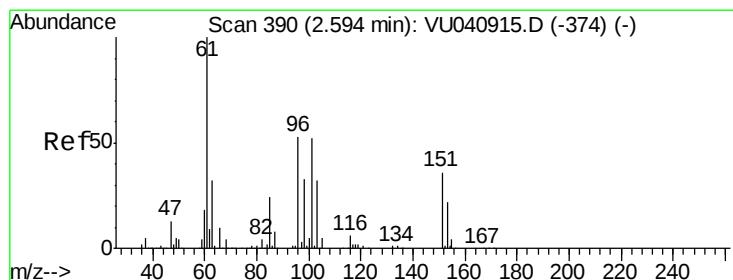
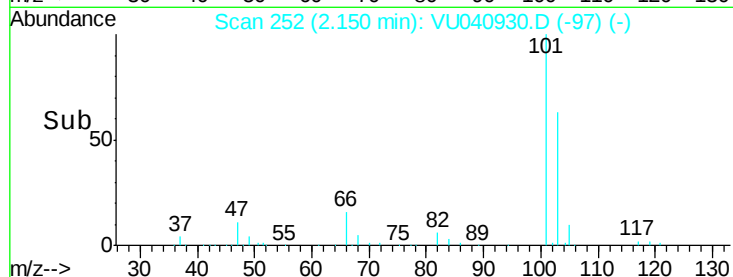
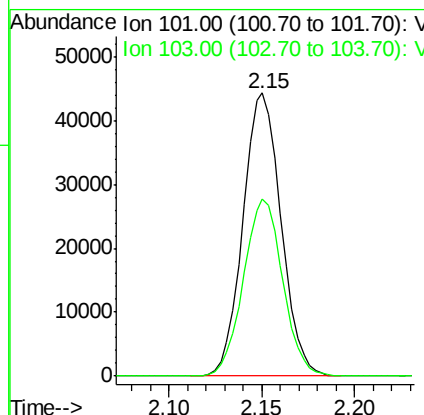
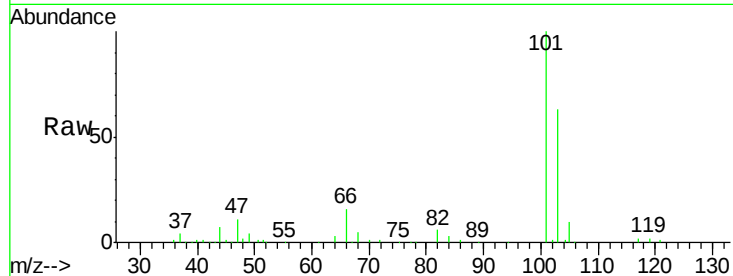
Instrument :
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VU1023WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	51.5	77.3

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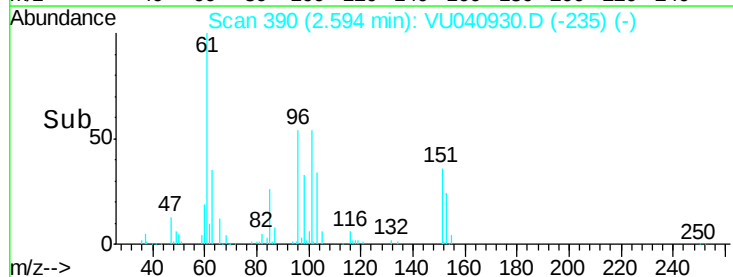
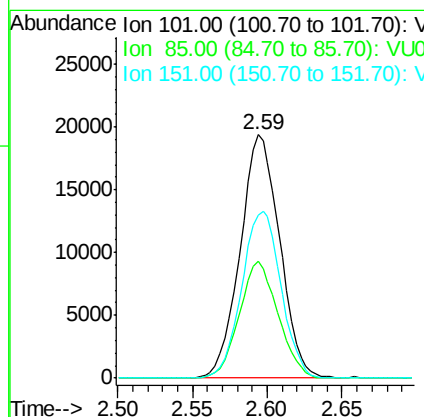
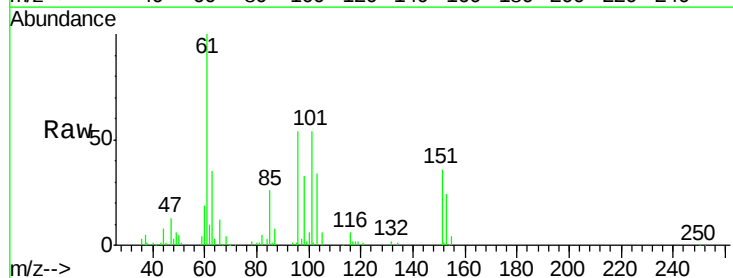
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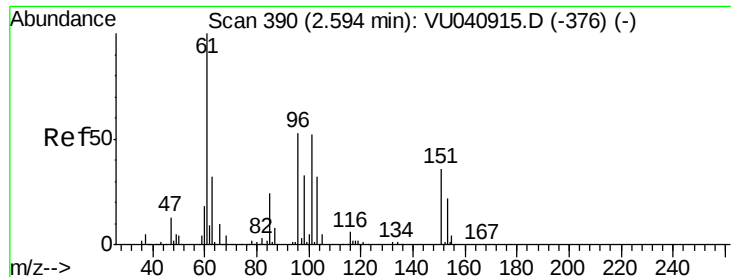


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.060 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.9	36.2	54.2
151	67.9	55.1	82.7





#9

1,1-Dichloroethene

Concen: 2.073 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

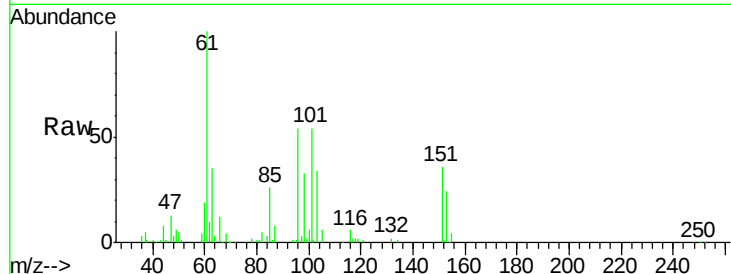
VU1023WBS01

Tot Ion:	96	Resp:	31243
Ion	Ratio	Lower	Upper
96	100		
61	183.1	0.0	561.9
98	60.6	0.0	125.0

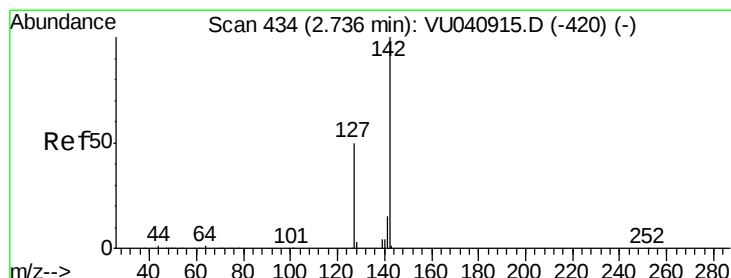
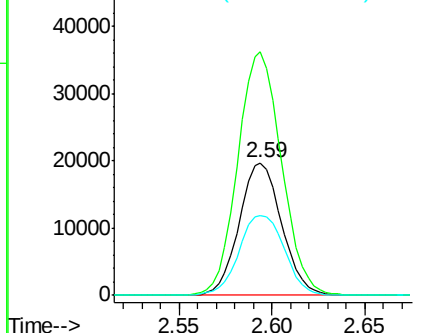
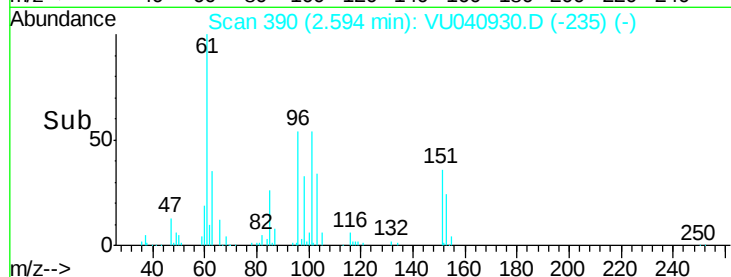
Manual Integrations
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Abundance Ion 96.00 (95.70 to 96.70): VU040930.D (-235) (-)



#10

Iodomethane

Concen: 1.968 ug/l

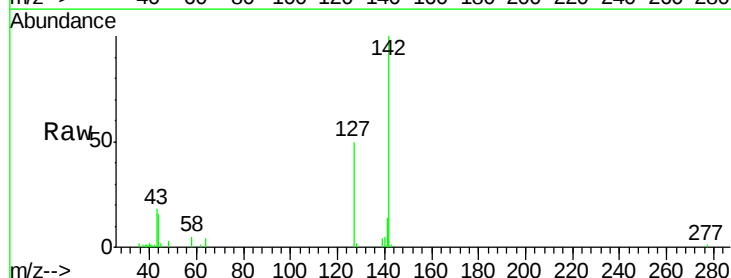
RT: 2.74 min Scan# 434

Delta R.T. 0.00 min

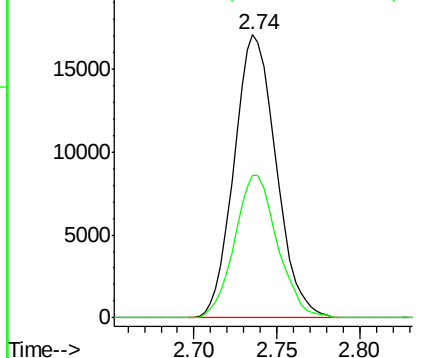
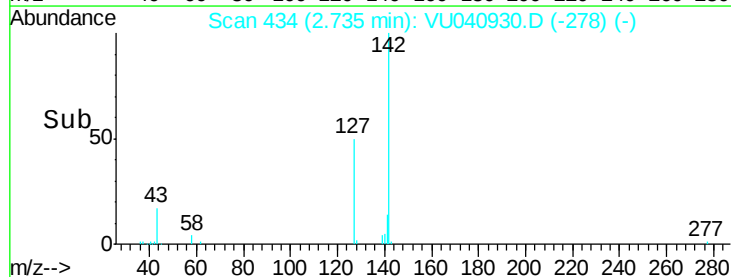
Lab File: VU040930.D

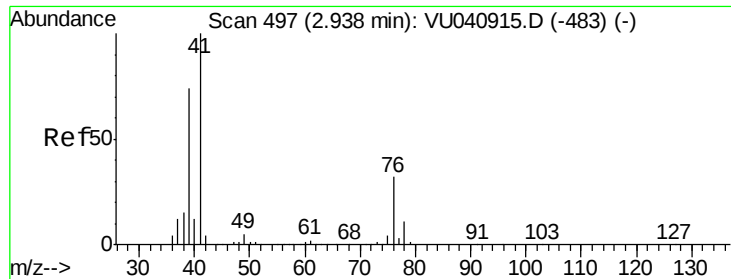
Acq: 23 Oct 2020 12:04

Tgt Ion:	142	Resp:	30053
Ion	Ratio	Lower	Upper
142	100		
127	51.3	40.6	60.8



Abundance Ion 142.00 (141.70 to 142.70): VU040930.D (-278) (-)





#11
Allvl Chloride
Concen: 1.998 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

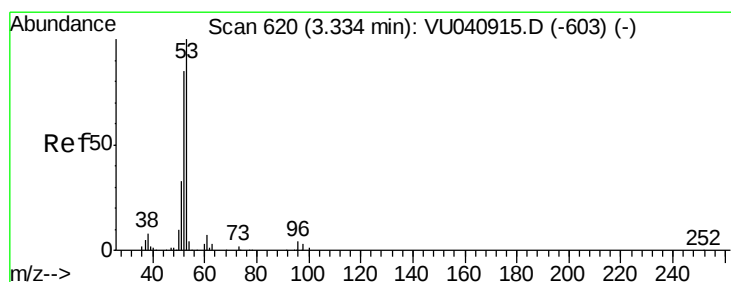
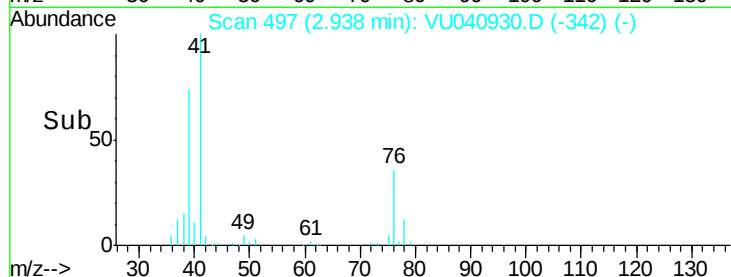
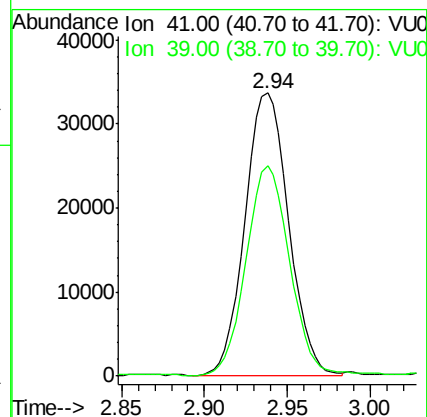
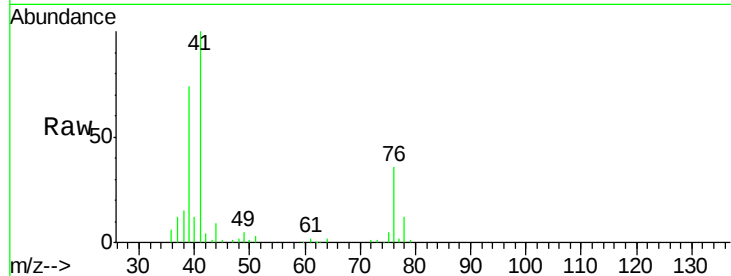
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion: 41 Resp: 61997
Ion Ratio Lower Upper
41 100
39 75.1 59.0 88.4

Manual Integrations
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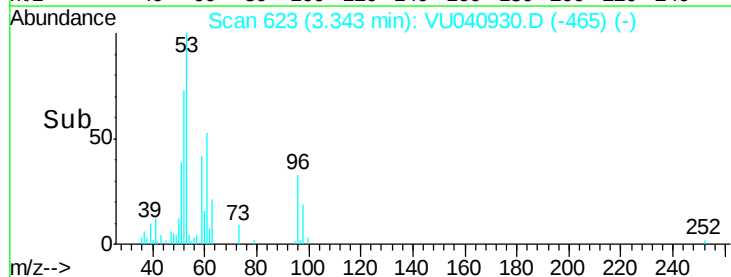
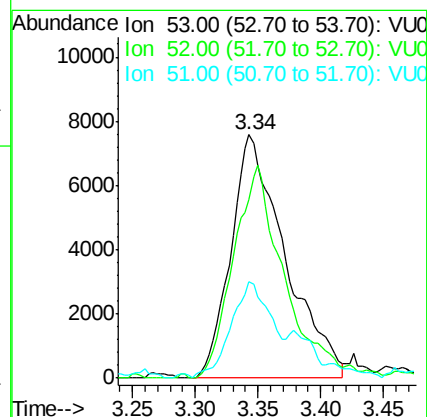
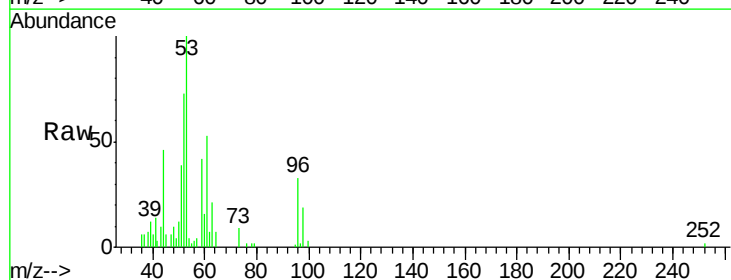
MMDadoda

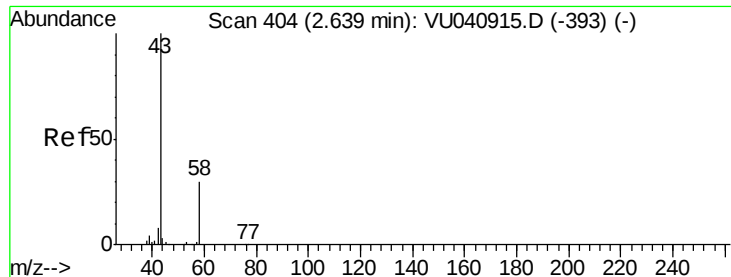
10/26/2020 4:24:16 PM



#12
Acrylonitrile
Concen: 4.264 ug/l
RT: 3.34 min Scan# 623
Delta R.T. 0.01 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion: 53 Resp: 22654
Ion Ratio Lower Upper
53 100
52 81.7 63.1 94.7
51 29.8 30.6 46.0#





#13

Acetone

Concen: 11.675 ug/l

RT: 2.66 min Scan# 412

Delta R.T. 0.03 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion: 43 Resp: 51917

Ion Ratio Lower Upper

43 100

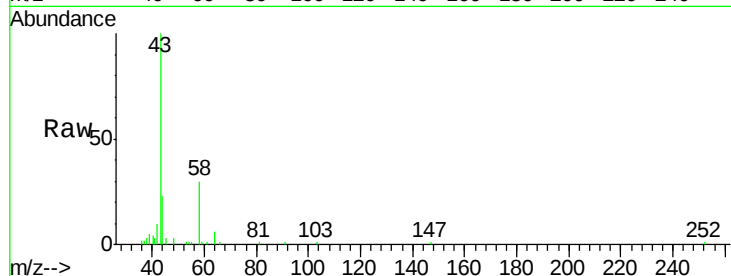
58 30.4 23.6 35.4

Manual Integrations

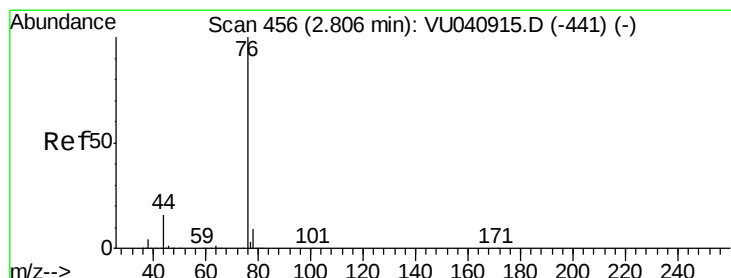
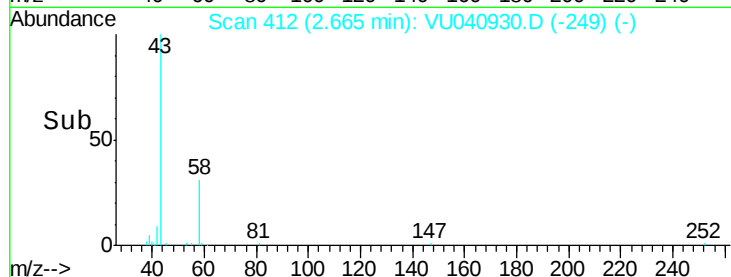
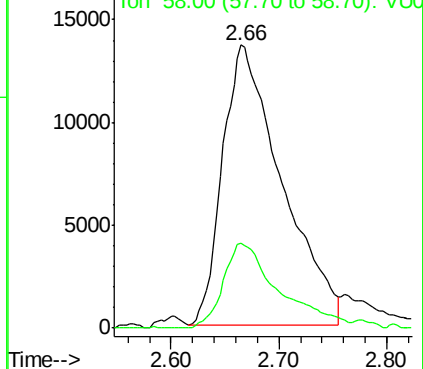
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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VU040930.D (-249) (-)



#14

Carbon Disulfide

Concen: 2.058 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040930.D

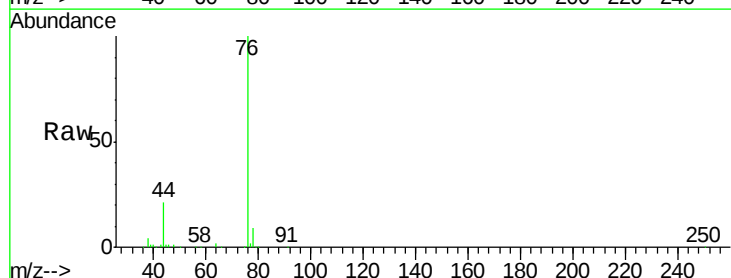
Acq: 23 Oct 2020 12:04

Tgt Ion: 76 Resp: 116571

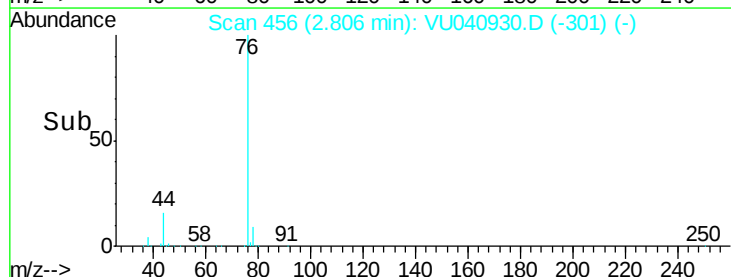
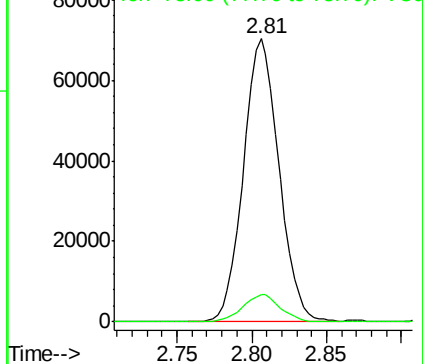
Ion Ratio Lower Upper

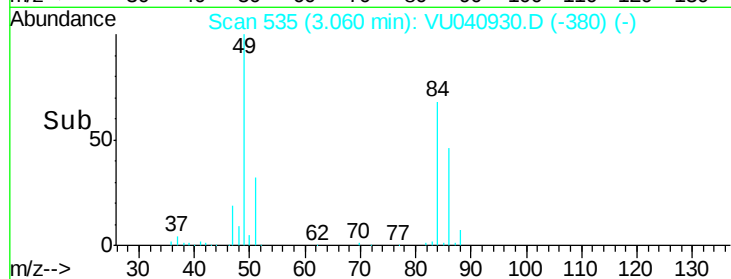
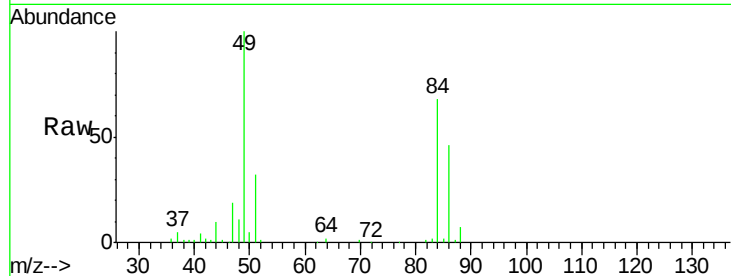
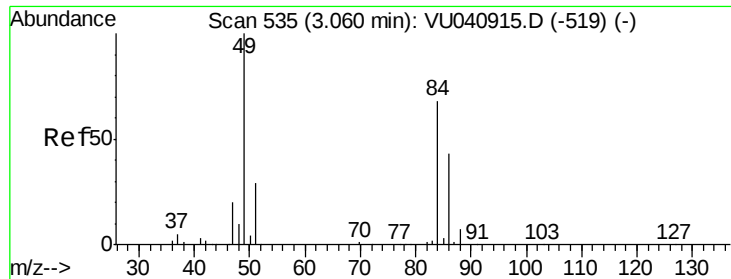
76 100

78 9.5 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU040930.D (-301) (-)





#15
Methvlene Chloride
Concen: 1.926 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

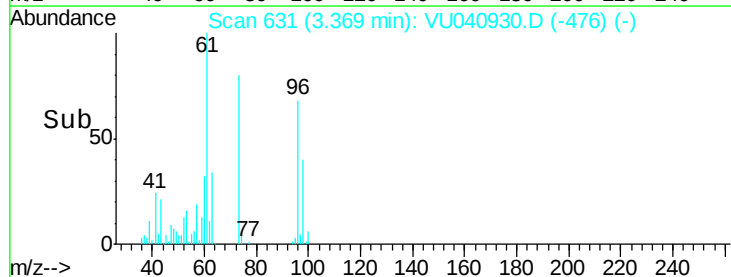
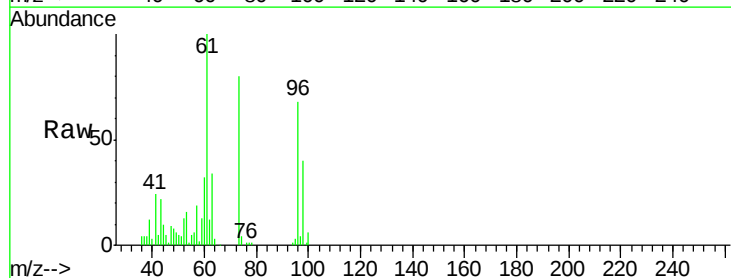
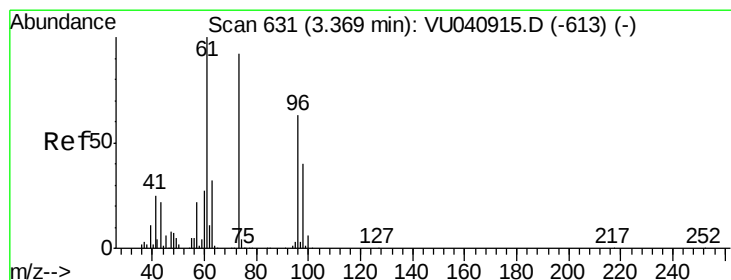
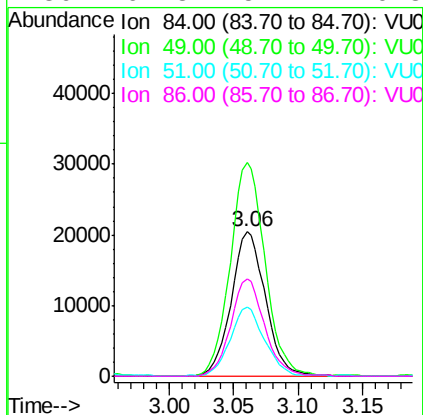
Tot Ion:	84	Resp:	37694
Ion	Ratio	Lower	Upper
84	100		
49	147.8	118.2	177.4
51	47.4	0.0	86.8
86	67.8	51.2	76.8

Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Manual Integrations
APPROVED

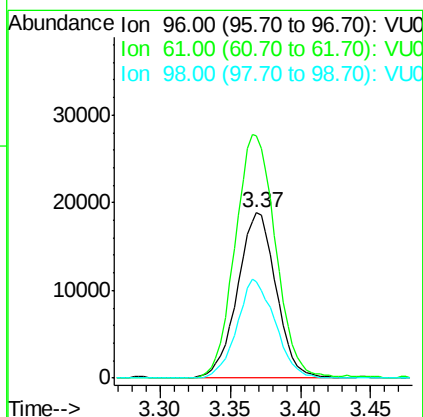
MMDadoda

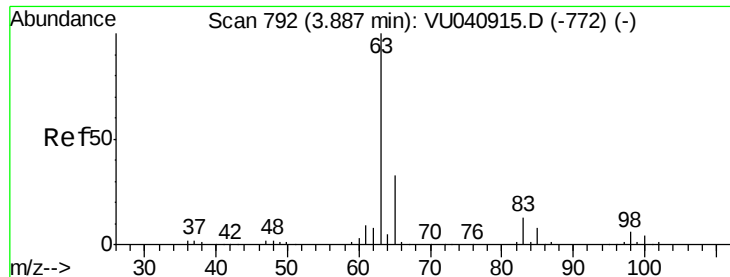
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#16
trans-1,2-Dichloroethene
Concen: 2.118 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion:	96	Resp:	36121
Ion	Ratio	Lower	Upper
96	100		
61	146.7	127.0	190.4
98	58.6	51.2	76.8





#17

1,1-Dichloroethane

Concen: 2.113 ug/l

RT: 3.89 min Scan# 793

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

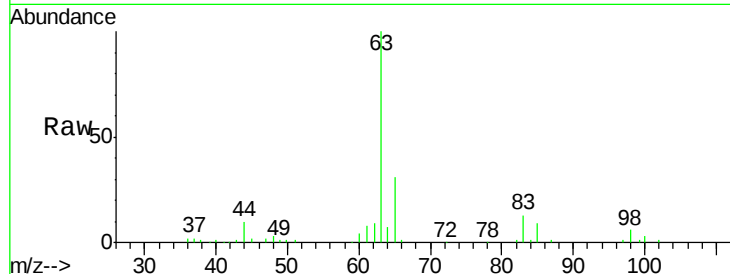
VU1023WBS01

Tot Ion:	63	Resp:	73710
Ion	Ratio	Lower	Upper
63	100		
98	6.1	3.0	9.2
100	3.5	1.8	5.5

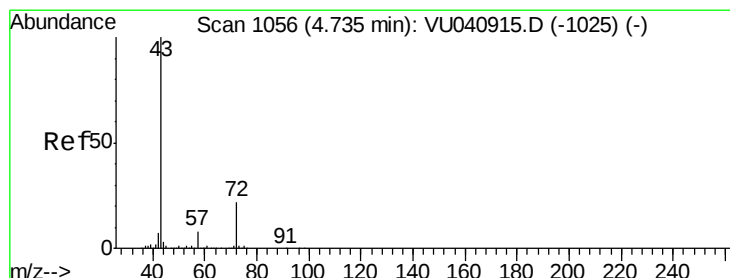
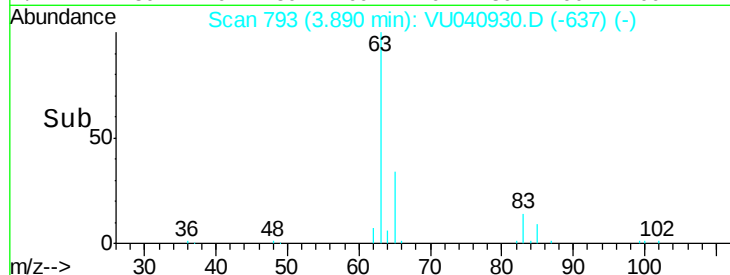
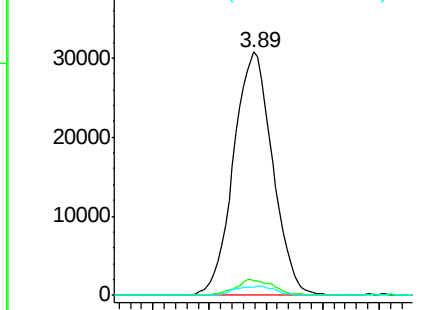
Manual Integrations
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Abundance Ion 63.00 (62.70 to 63.70): VU040930.D (-637) (-)



#18

2-Butanone

Concen: 10.943 ug/l

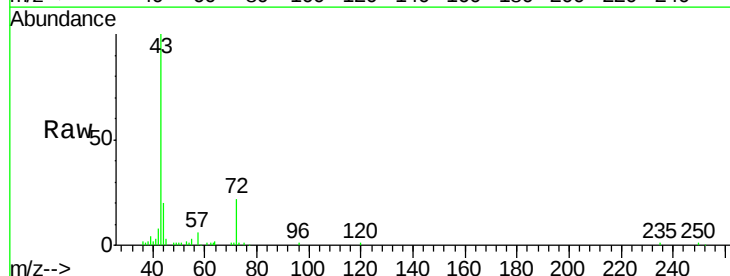
RT: 4.75 min Scan# 1062

Delta R.T. 0.02 min

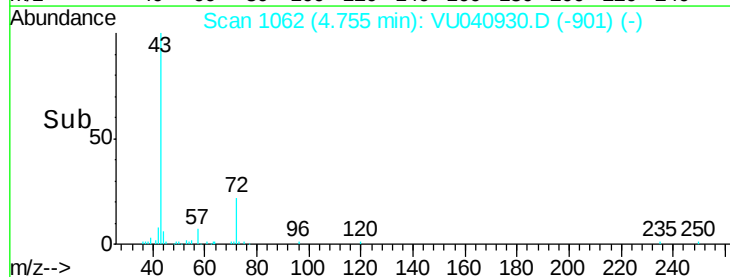
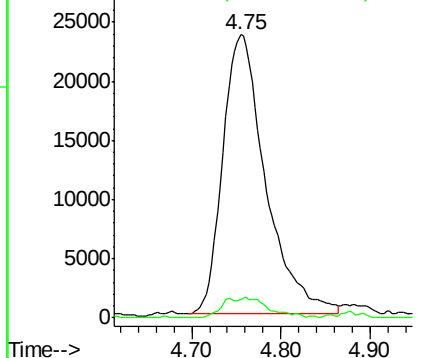
Lab File: VU040930.D

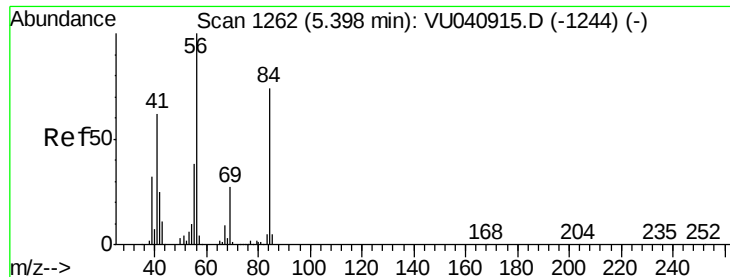
Acq: 23 Oct 2020 12:04

Tgt Ion:	43	Resp:	78718
Ion	Ratio	Lower	Upper
43	100		
57	6.6	0.0	15.2



Abundance Ion 43.00 (42.70 to 43.70): VU040930.D (-901) (-)





#19
Cyclohexane
Concen: 1.983 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

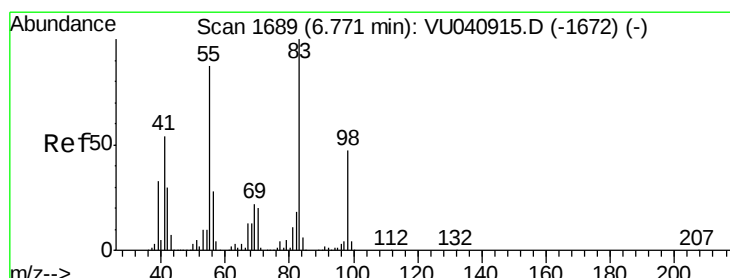
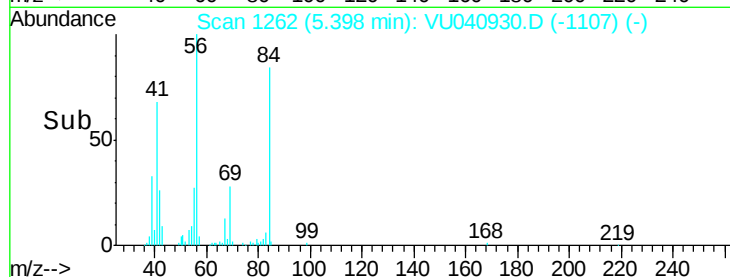
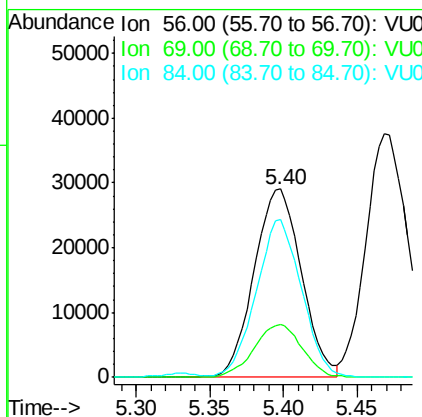
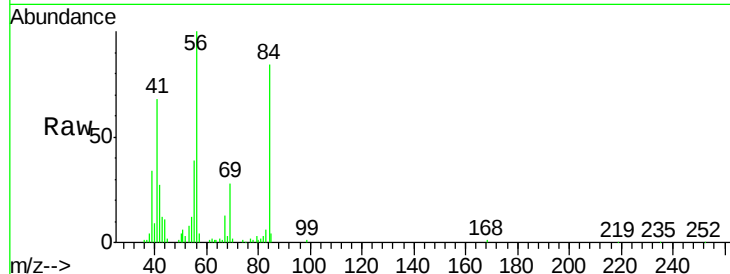
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion	56	Resp	65108
Ion	Ratio	Lower	Upper
56	100		
69	28.5	22.2	33.2
84	79.0	60.1	90.1

Manual Integrations
APPROVED

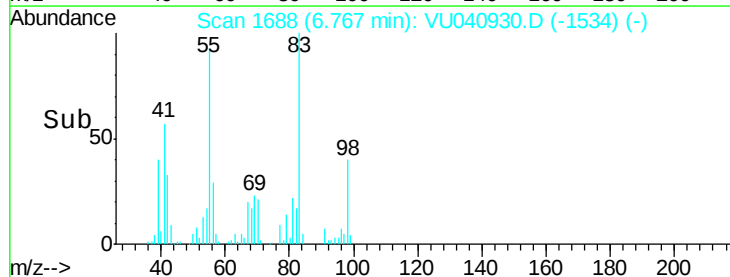
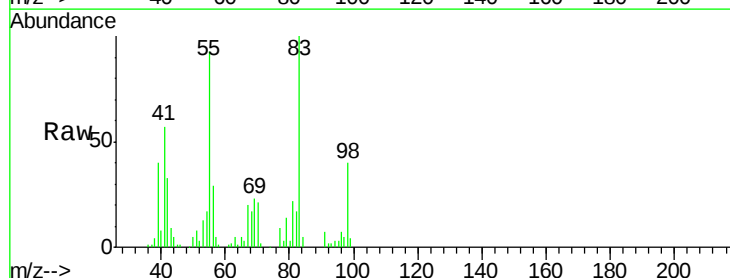
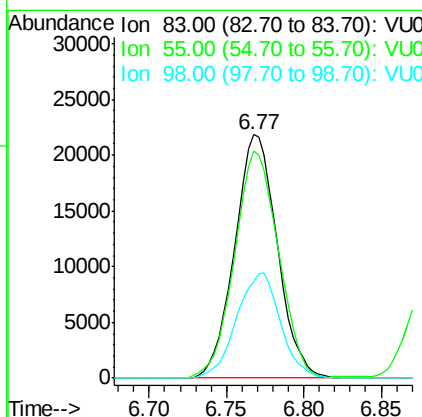
MMDadoda

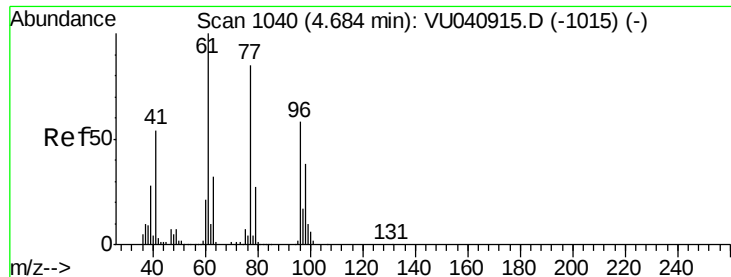
10/26/2020 4:24:16 PM



#20
Methylcyclohexane
Concen: 1.700 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion	83	Resp	41757
Ion	Ratio	Lower	Upper
83	100		
55	96.0	71.0	106.4
98	44.3	38.1	57.1





#21
 2,2-Dichloropropane
 Concen: 2.100 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

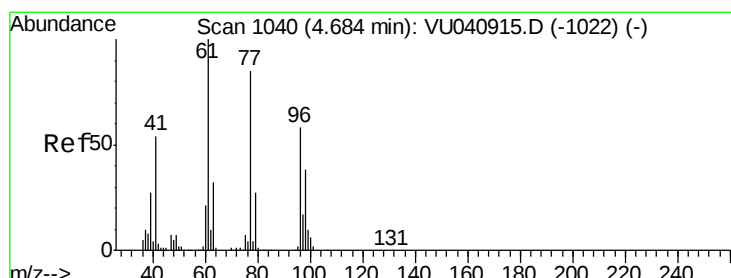
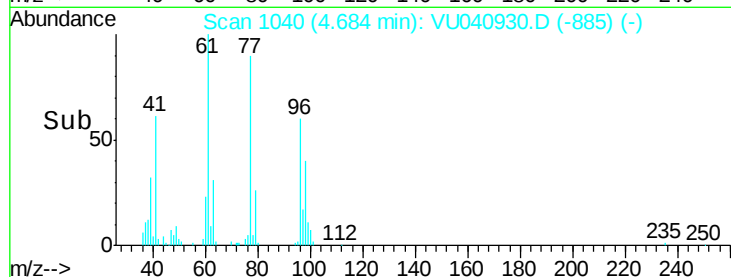
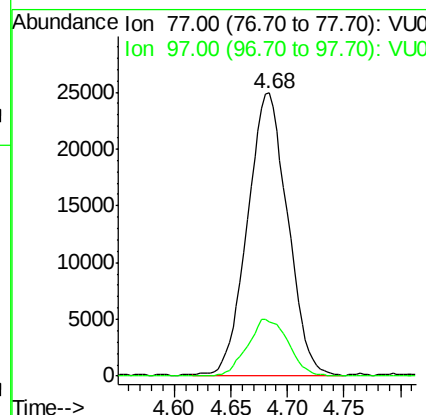
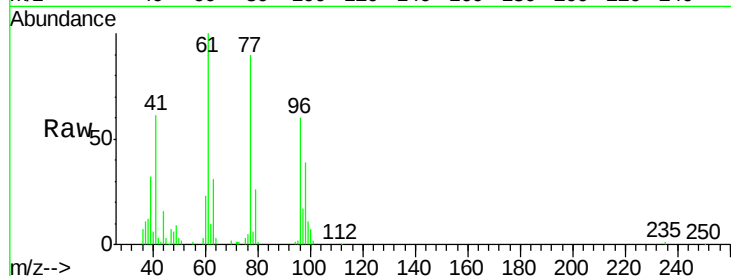
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion: 77 Resp: 61870
 Ion Ratio Lower Upper
 77 100
 97 20.3 16.0 24.0

Manual Integrations
 APPROVED

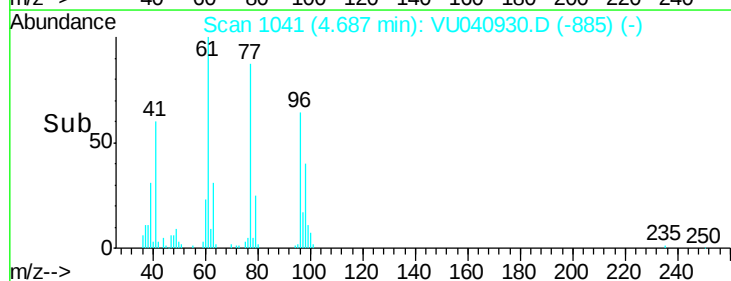
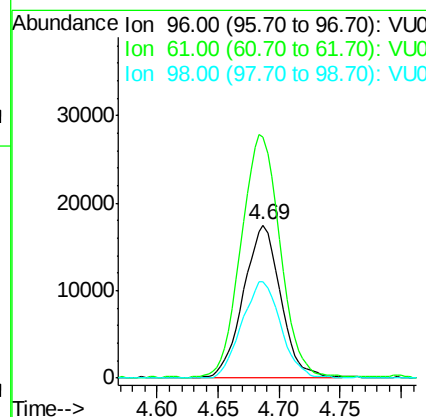
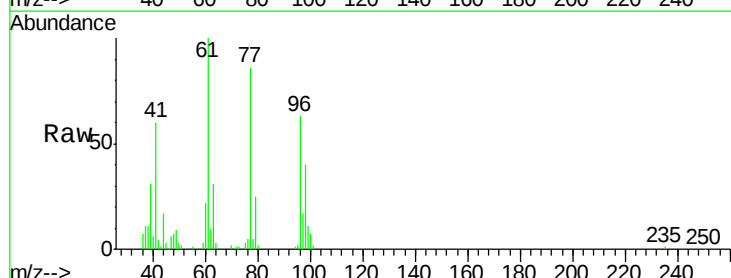
MMDadoda

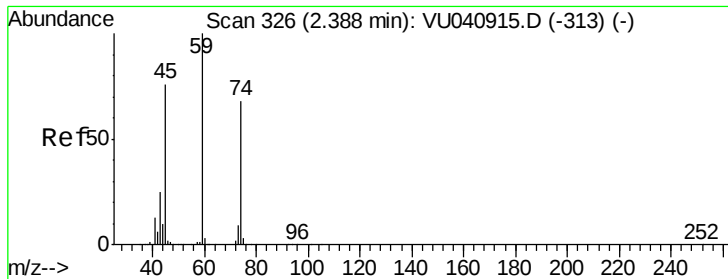
10/26/2020 4:24:16 PM



#22
 cis-1,2-Dichloroethene
 Concen: 2.031 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion: 96 Resp: 36964
 Ion Ratio Lower Upper
 96 100
 61 168.1 0.0 434.5
 98 65.6 32.6 97.8





#23
Diethyl Ether
Concen: 1.961 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

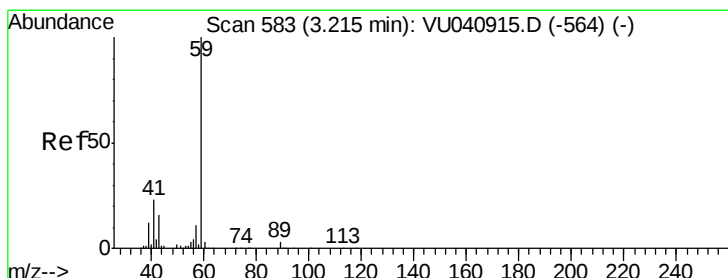
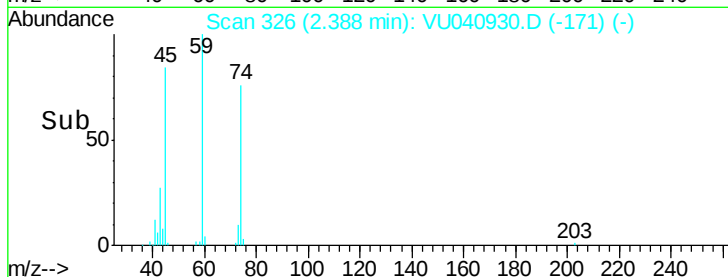
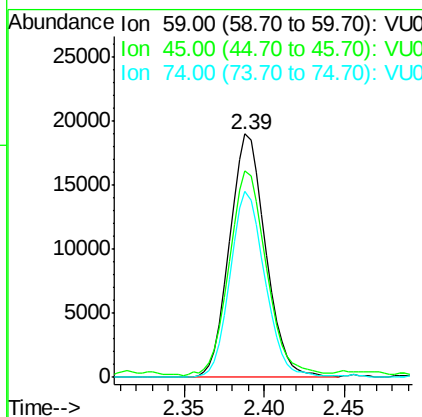
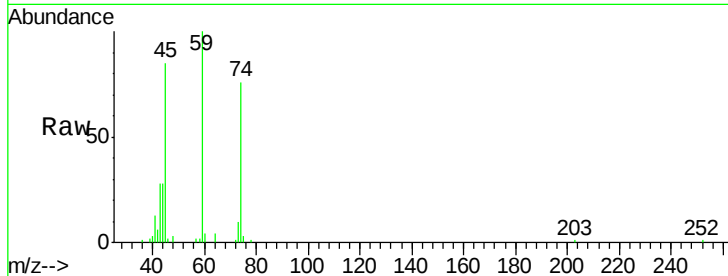
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion:	59	Resp:	29181
Ion Ratio	Lower	Upper	
59	100		
45	86.1	61.4	92.2
74	73.4	55.0	82.4

Manual Integrations
APPROVED

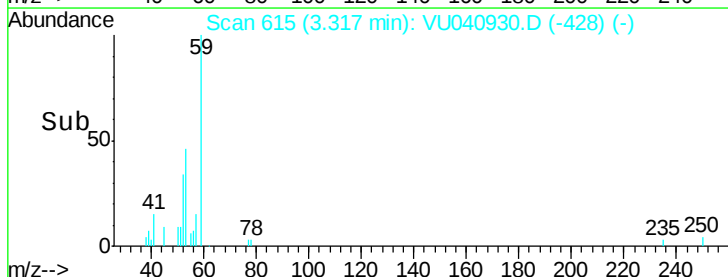
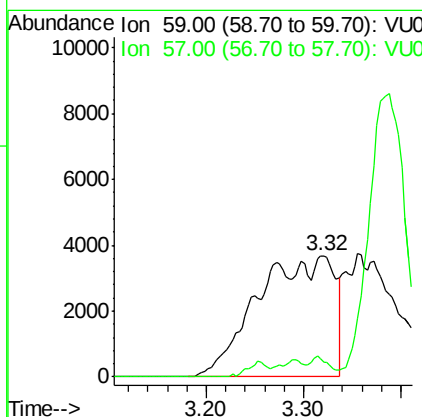
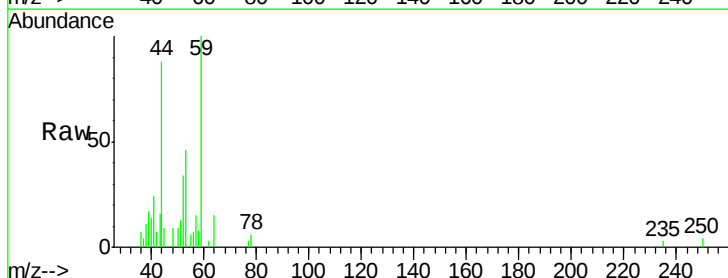
MMDadoda

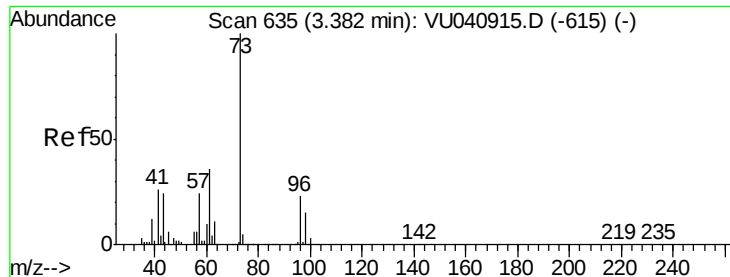
10/26/2020 4:24:16 PM



#24
tert-Butyl Alcohol
Concen: 12.192 ug/l m
RT: 3.32 min Scan# 615
Delta R.T. 0.10 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion:	59	Resp:	20239
Ion Ratio	Lower	Upper	
59	100		
57	0.0	8.4	12.6#





#25

Methyl tert-Butyl Ether
 Concen: 1.993 ug/l
 RT: 3.38 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

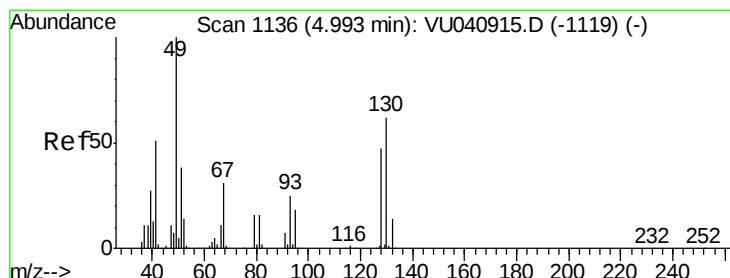
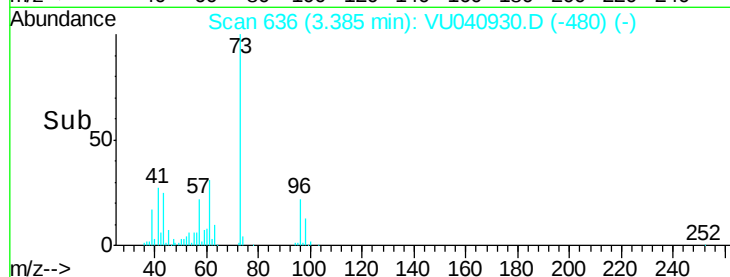
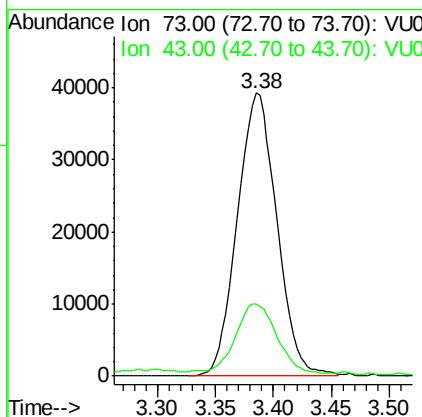
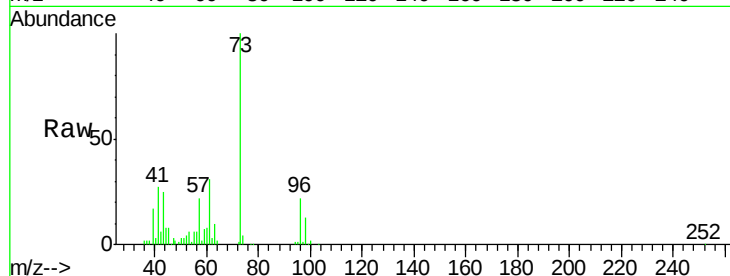
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion	73	Resp	93165
Ion Ratio	Lower	Upper	
73	100		
43	25.2	19.0	28.6

Manual Integrations
 APPROVED

MMDadoda

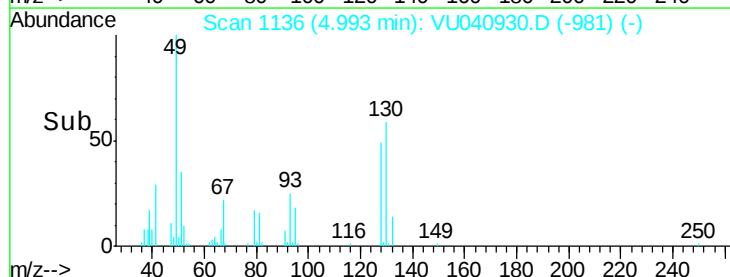
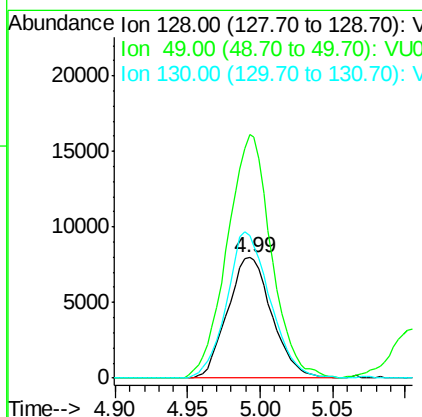
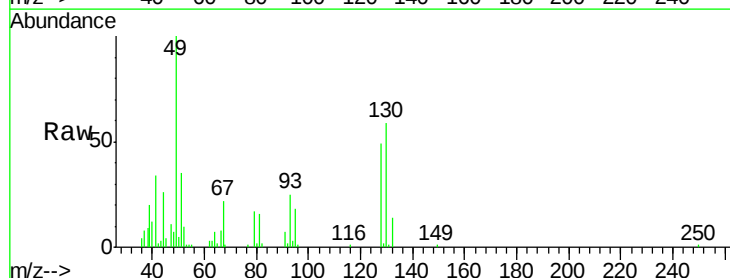
10/26/2020 4:24:16 PM

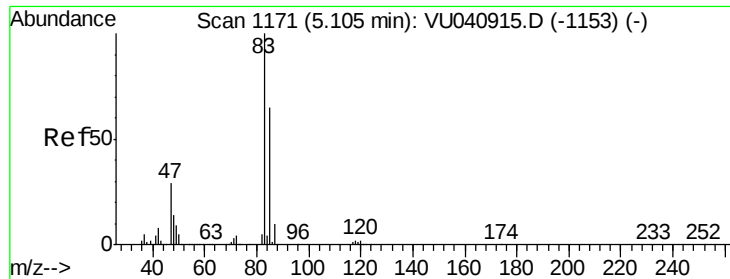


#26

Bromochloromethane
 Concen: 2.140 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion	128	Resp	16928
Ion Ratio	Lower	Upper	
128	100		
49	201.0	0.0	426.4
130	118.6	106.2	159.4





#27

Chloroform

Concen: 2.098 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion: 83 Resp: 69957

Ion Ratio Lower Upper

83 100

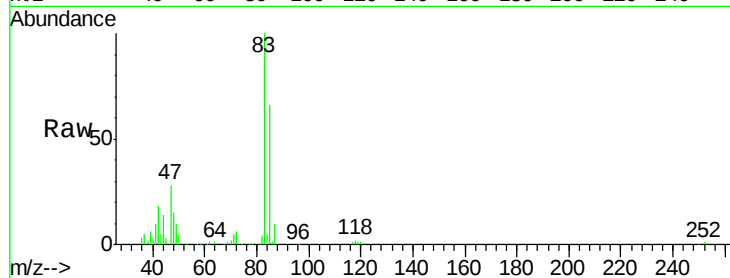
85 65.9 0.0 129.0

Manual Integrations

APPROVED

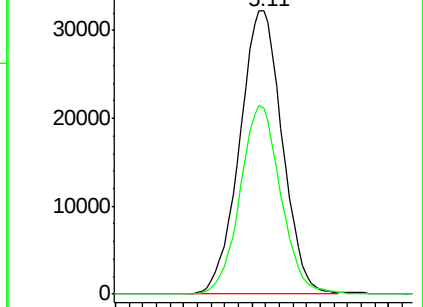
MMDadoda

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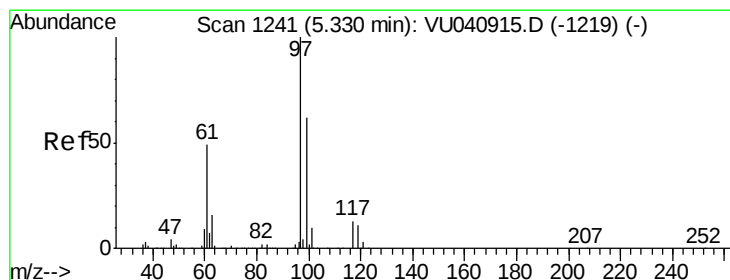
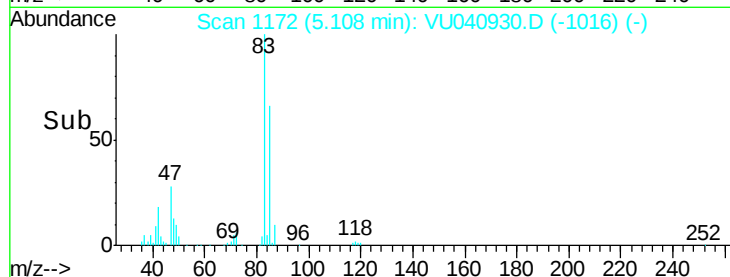


Abundance Ion 83.00 (82.70 to 83.70): VU040930.D (-1016) (-)

Ion 85.00 (84.70 to 85.70): VU040930.D (-1016) (-)



Time-->



#28

1,1,1-Trichloroethane

Concen: 2.013 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

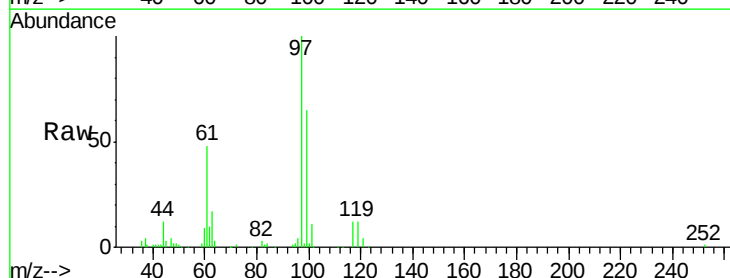
Tgt Ion: 97 Resp: 57858

Ion Ratio Lower Upper

97 100

99 66.2 31.4 94.3

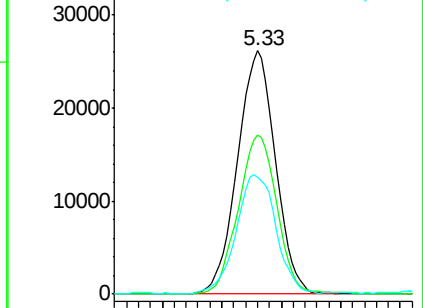
61 51.7 24.7 74.1



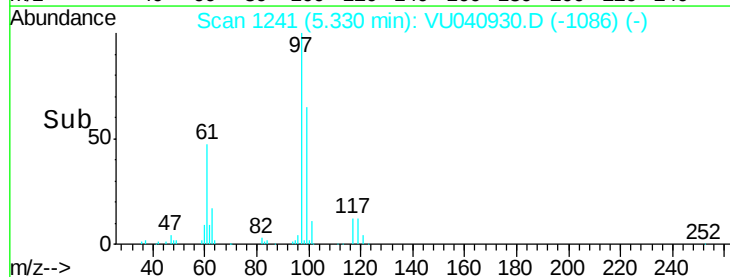
Abundance Ion 97.00 (96.70 to 97.70): VU040930.D (-1086) (-)

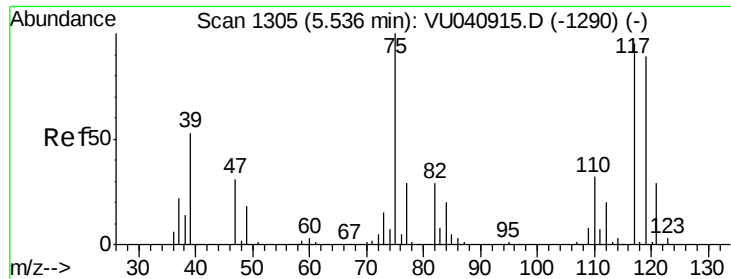
Ion 99.00 (98.70 to 99.70): VU040930.D (-1086) (-)

Ion 61.00 (60.70 to 61.70): VU040930.D (-1086) (-)



Time-->





#29
 1,1-Dichloropropene
 Concen: 1.963 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

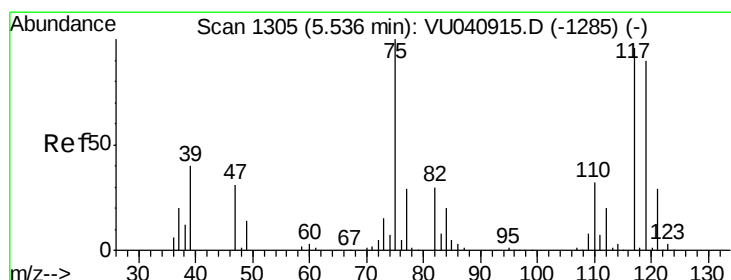
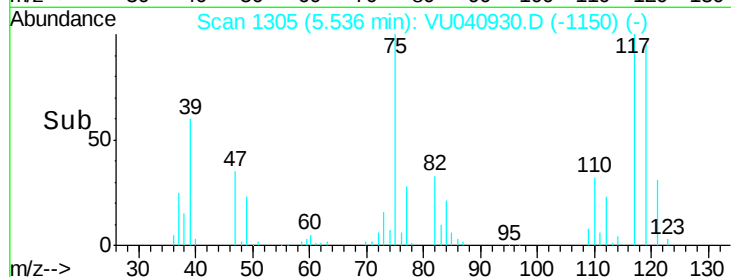
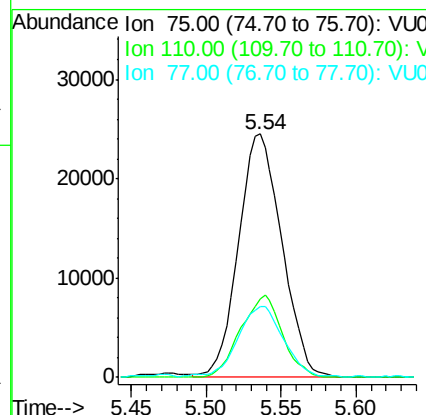
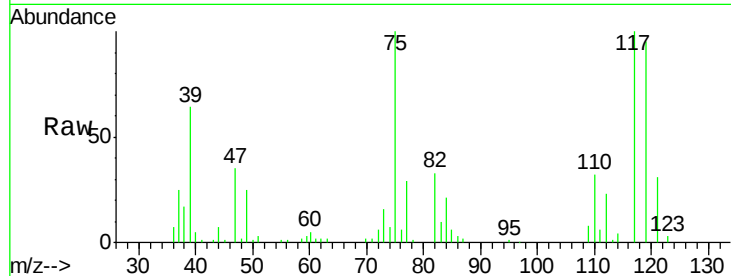
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.3	15.9	47.6
77	31.0	24.2	36.2

Manual Integrations
 APPROVED

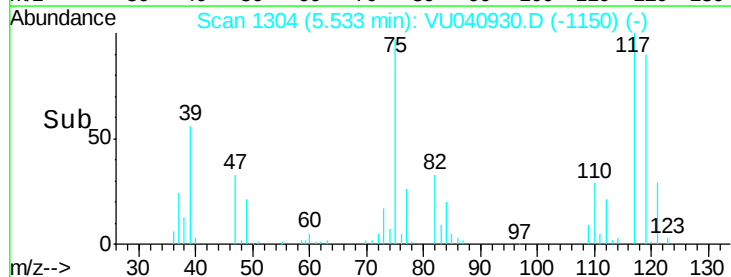
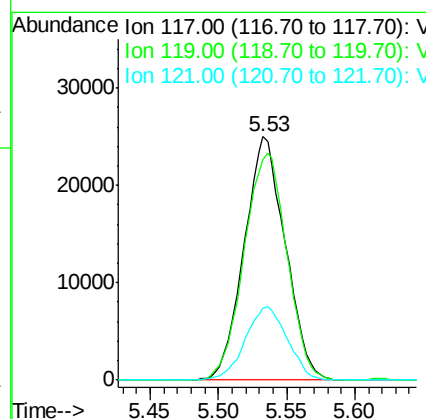
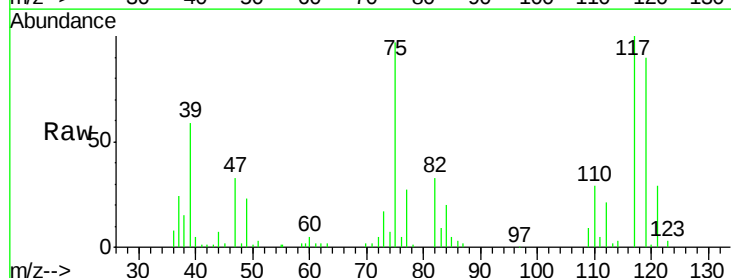
MMDadoda

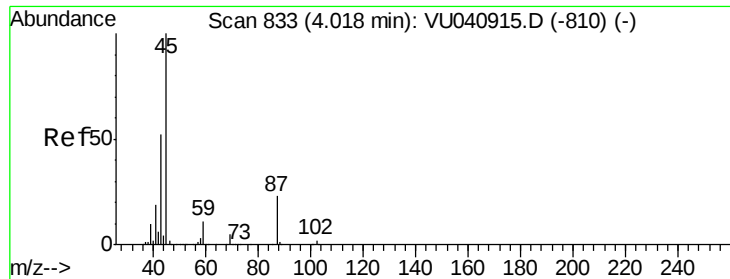
10/26/2020 4:24:16 PM



#30
 Carbon Tetrachloride
 Concen: 2.015 ug/l
 RT: 5.53 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.3	74.9	112.3
121	29.4	24.1	36.1





#31

Isopropyl Ether

Concen: 1.951 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Tot Ion: 45 Resp: 105262

Ion Ratio Lower Upper

45 100

43 56.4 26.8 80.3

Instrument :

MSVOA_U

ClientSampleId :

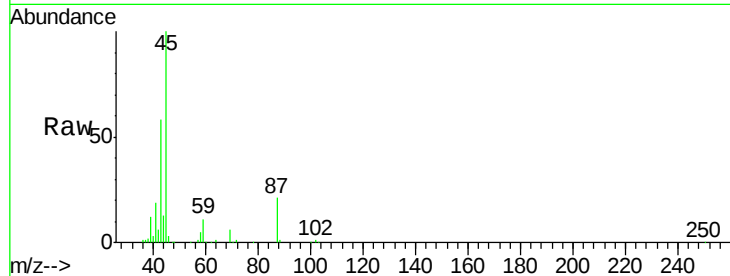
VU1023WBS01

Manual Integrations

APPROVED

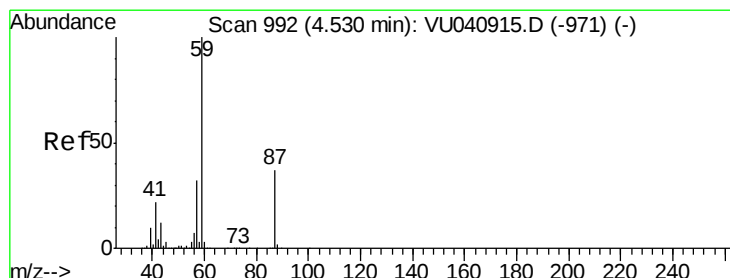
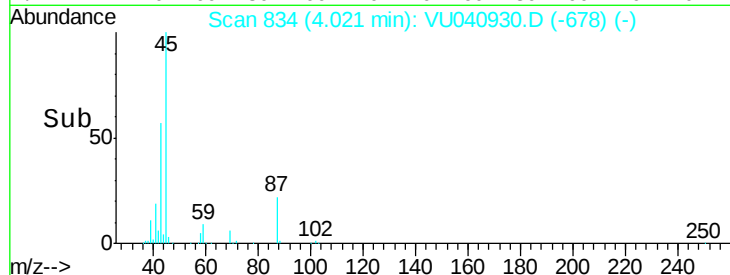
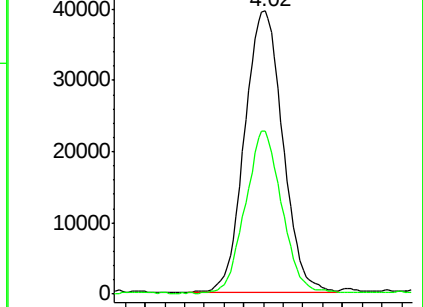
MMDadoda

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Abundance Ion 45.00 (44.70 to 45.70): VU040930.D (-834) (-)

Ion 43.00 (42.70 to 43.70): VU040930.D (-834) (-)



#32

Ethyl-t-butyl ether

Concen: 1.959 ug/l

RT: 4.53 min Scan# 991

Delta R.T. -0.00 min

Lab File: VU040930.D

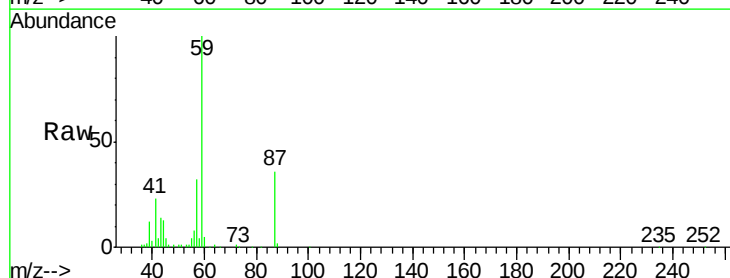
Acq: 23 Oct 2020 12:04

Tgt Ion: 59 Resp: 93066

Ion Ratio Lower Upper

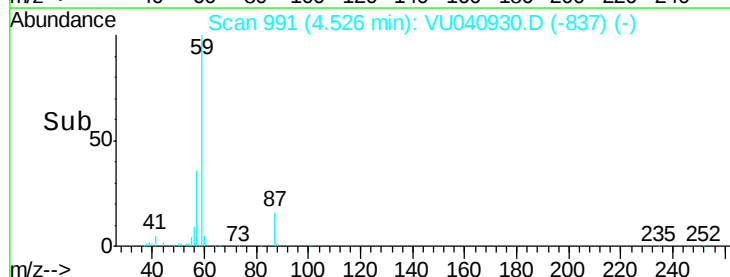
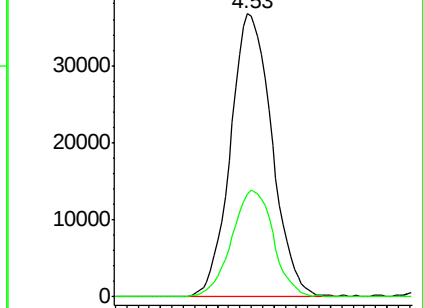
59 100

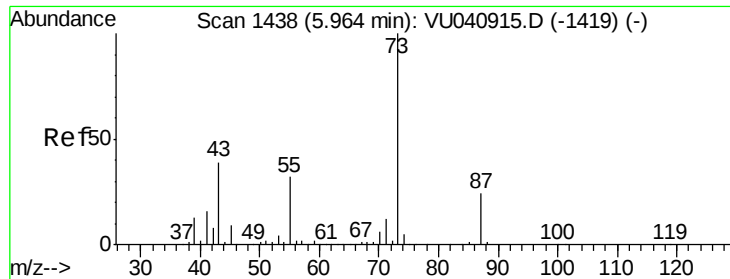
87 38.1 30.6 46.0



Abundance Ion 59.00 (58.70 to 59.70): VU040930.D (-837) (-)

Ion 87.00 (86.70 to 87.70): VU040930.D (-837) (-)





#33
Tert-Butyl methyl ether
Concen: 1.750 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

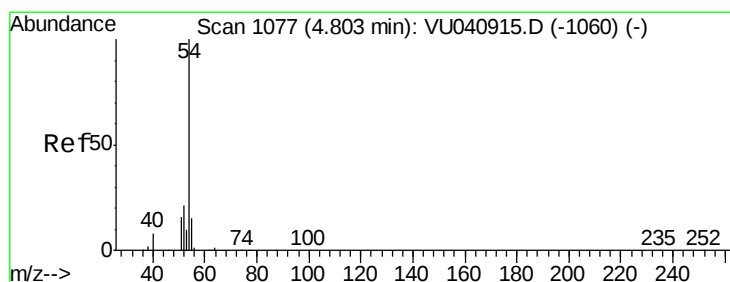
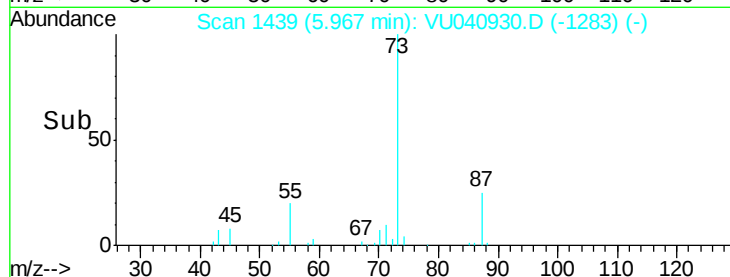
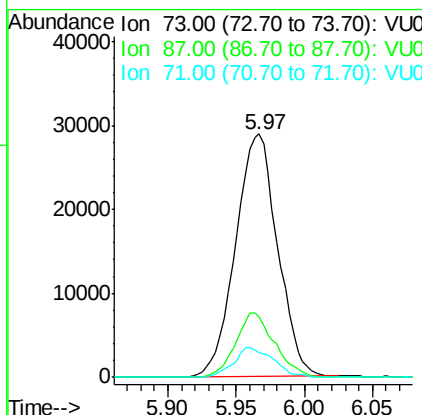
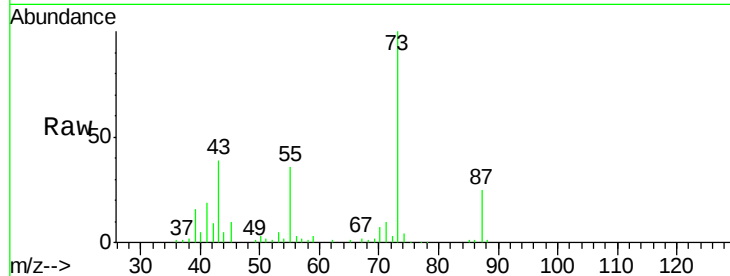
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion:	73	Resp:	61926
Ion	Ratio	Lower	Upper
73	100		
87	24.5	19.0	28.4
71	11.6	9.7	14.5

Manual Integrations
APPROVED

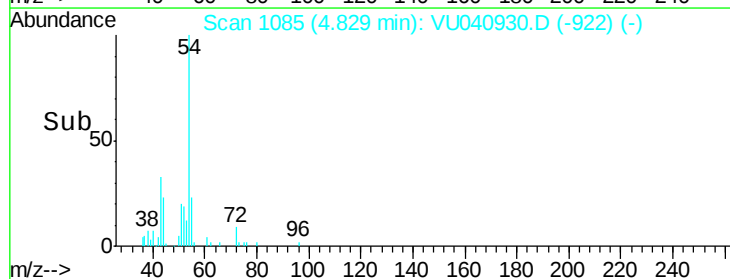
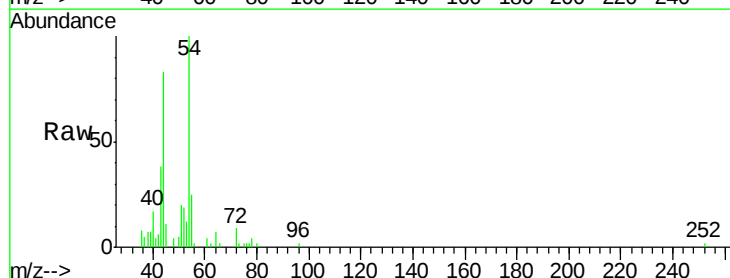
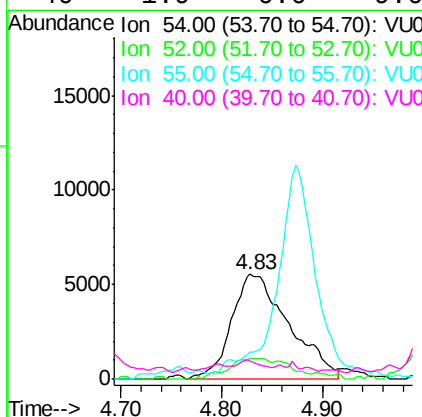
MMDadoda

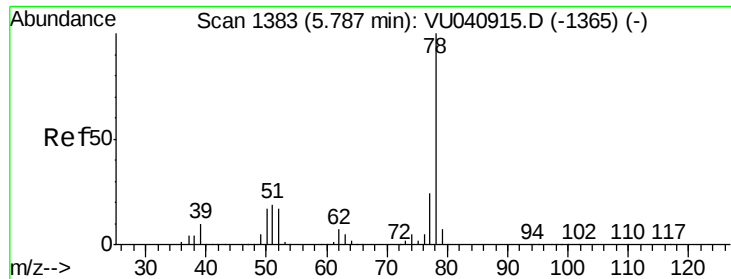
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#34
Propionitrile
Concen: 11.063 ug/l
RT: 4.83 min Scan# 1085
Delta R.T. 0.03 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion:	54	Resp:	21851
Ion	Ratio	Lower	Upper
54	100		
52	8.5	15.5	23.3#
55	0.0	12.5	18.7#
40	1.9	6.0	9.0#





#35

Benzene

Concen: 1.954 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion: 78 Resp: 136418

Ion Ratio Lower Upper

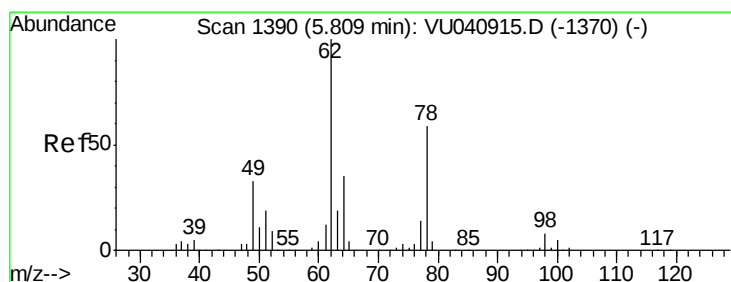
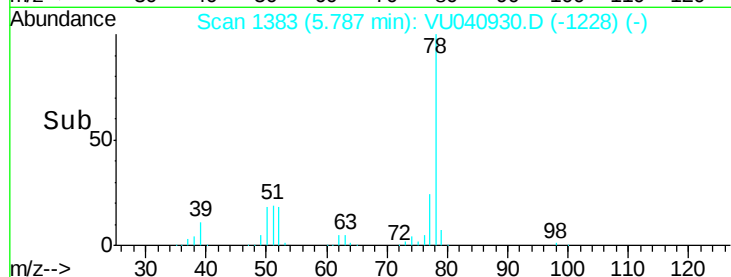
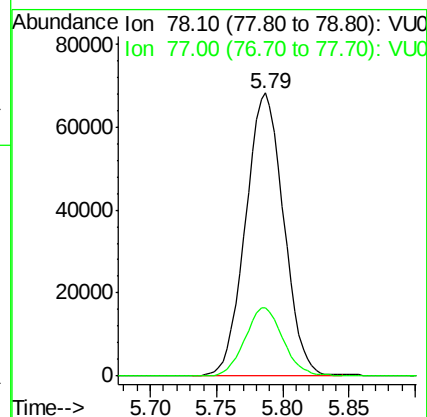
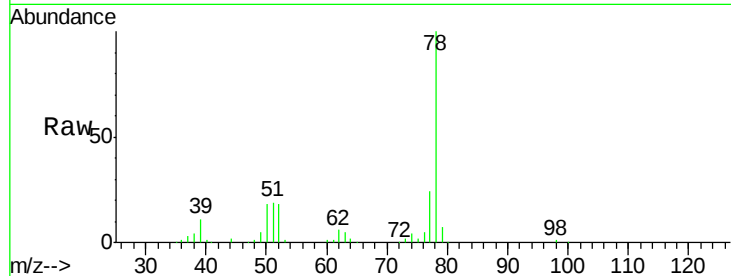
78 100

77 24.1 19.4 29.2

Manual Integrations
APPROVED

MMDadoda

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#36

1,2-Dichloroethane

Concen: 2.049 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040930.D

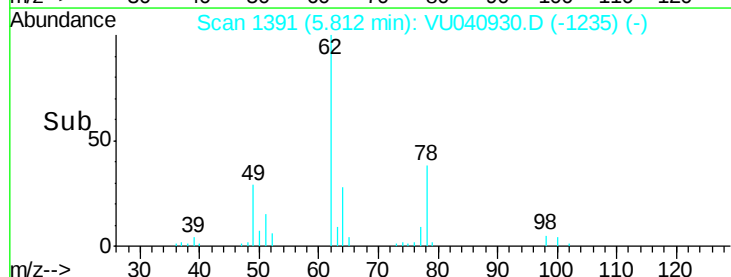
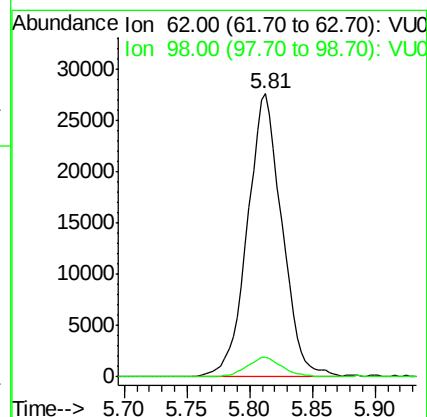
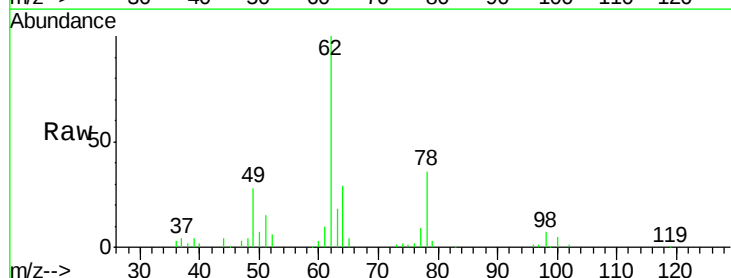
Acq: 23 Oct 2020 12:04

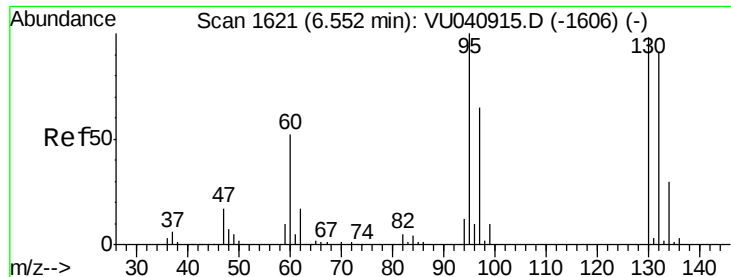
Tgt Ion: 62 Resp: 53030

Ion Ratio Lower Upper

62 100

98 7.1 6.7 10.1





#37
 Trichloroethene
 Concen: 1.951 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

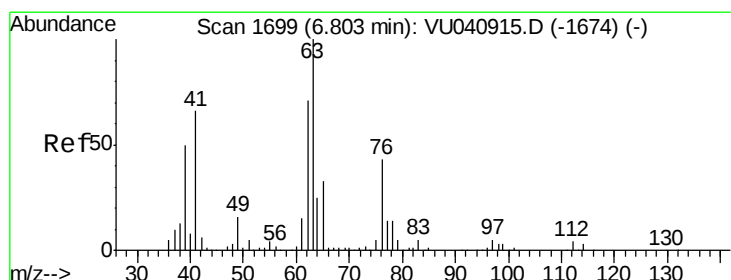
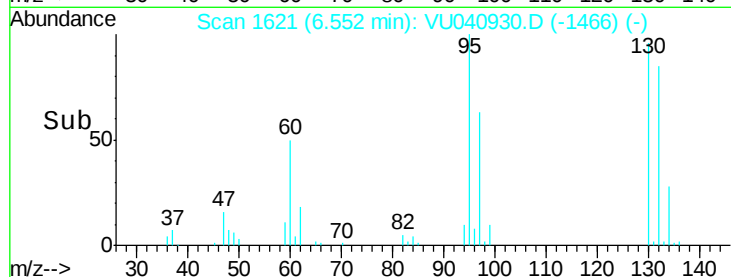
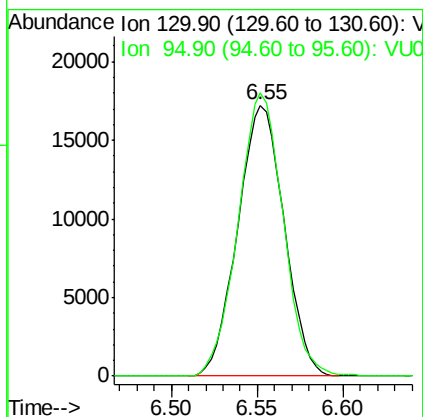
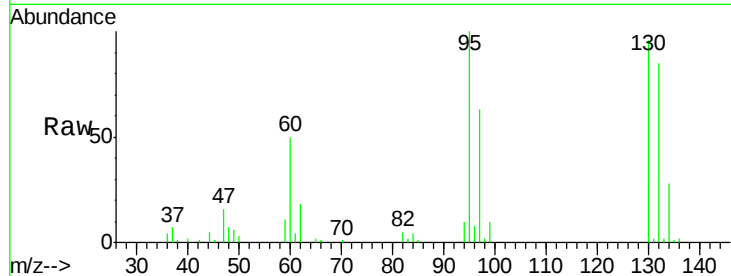
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion:130 Resp: 32195
 Ion Ratio Lower Upper
 130 100
 95 104.5 81.9 122.9

Manual Integrations
 APPROVED

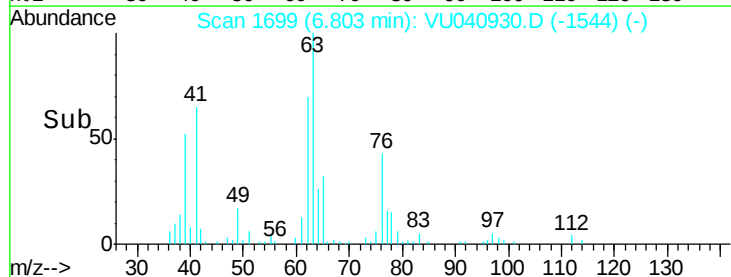
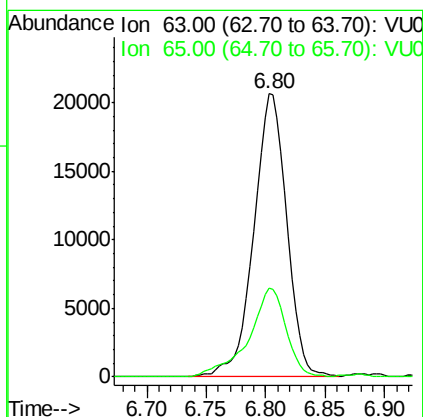
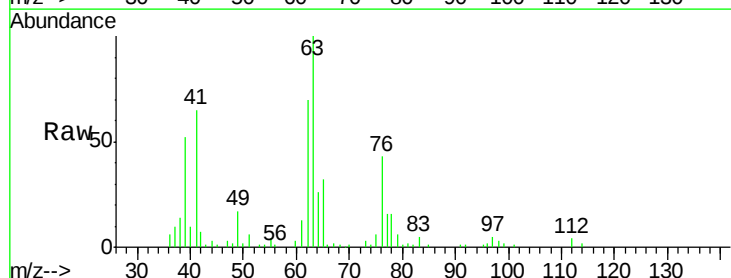
MMDadoda

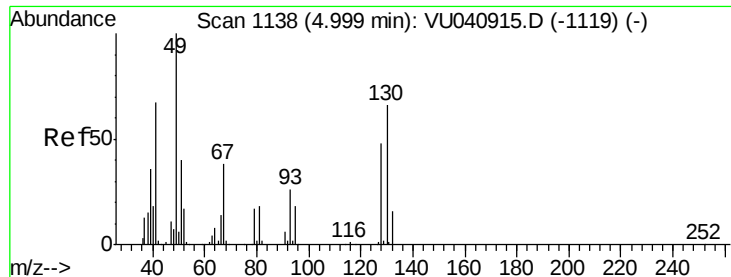
10/26/2020 4:24:16 PM



#38
 1,2-Dichloropropane
 Concen: 2.003 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion: 63 Resp: 39684
 Ion Ratio Lower Upper
 63 100
 65 31.6 26.2 39.2





#39
Methacrylonitrile
Concen: 1.812 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

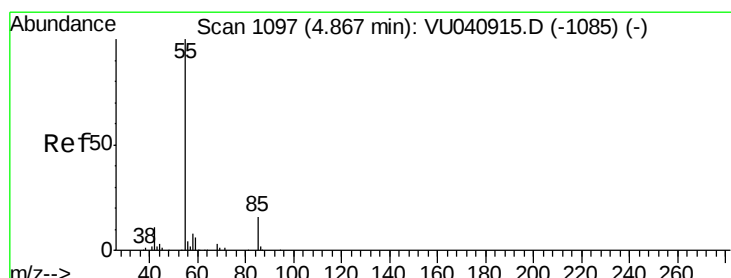
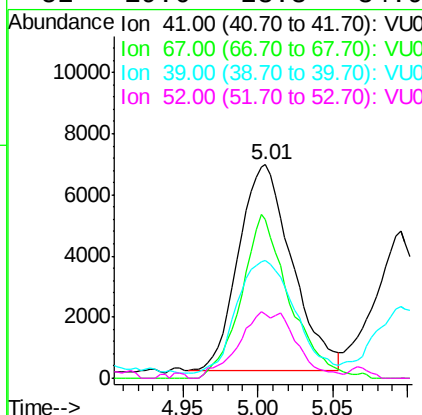
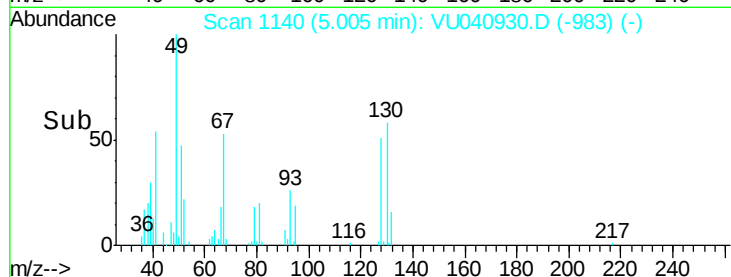
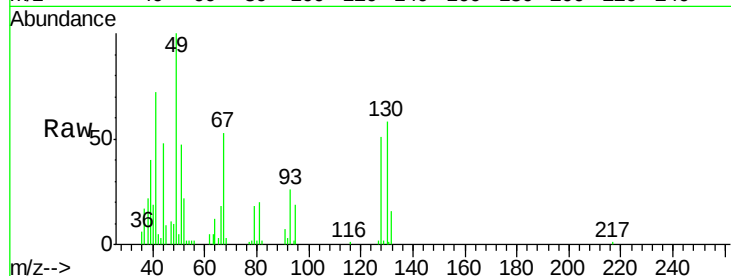
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion	41	Resp	16778
Ion	Ratio	Lower	Upper
41	100		
67	71.0	48.7	73.1
39	59.7	44.6	67.0
52	19.6	23.3	34.9#

Manual Integrations
APPROVED

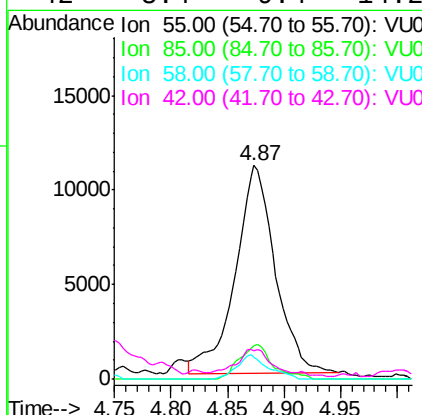
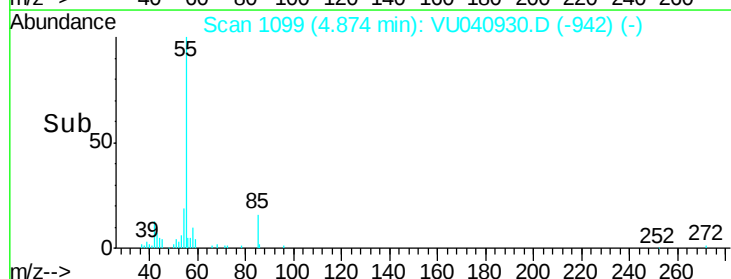
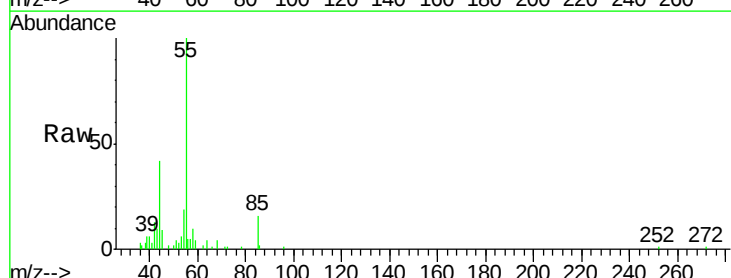
MMDadoda

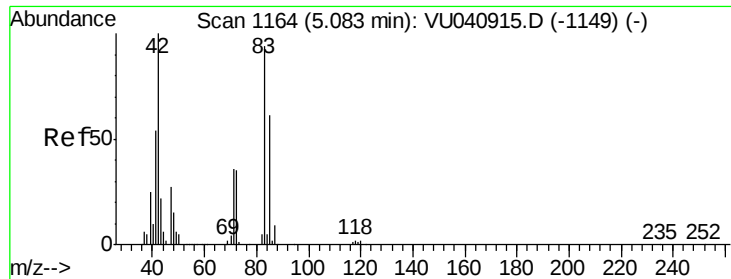
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#40
Methyl acrylate
Concen: 2.118 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion	55	Resp	26888
Ion	Ratio	Lower	Upper
55	100		
85	13.8	12.2	18.2
58	9.1	6.8	10.2
42	8.4	9.4	14.2#





#41
Tetrahydrofuran
Concen: 4.122 ug/l
RT: 5.10 min Scan# 1168
Delta R.T. 0.01 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

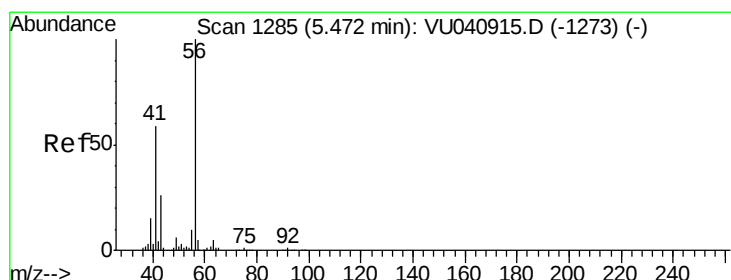
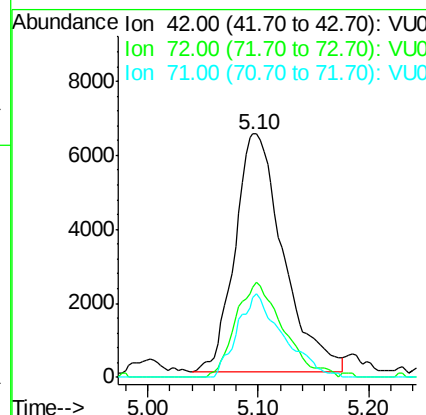
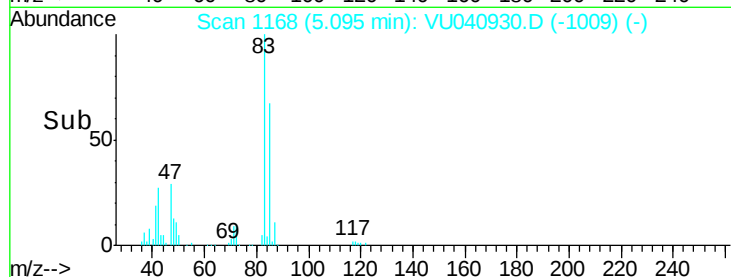
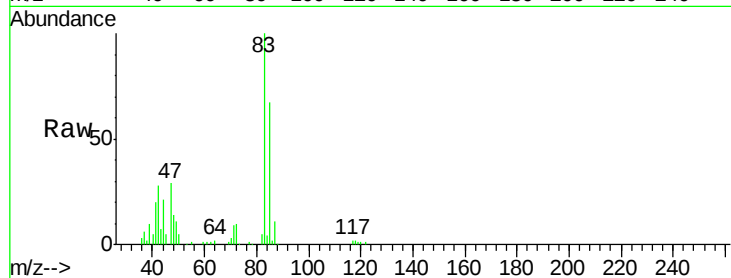
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	30.1	45.1
71	32.9	27.9	41.9

Manual Integrations
APPROVED

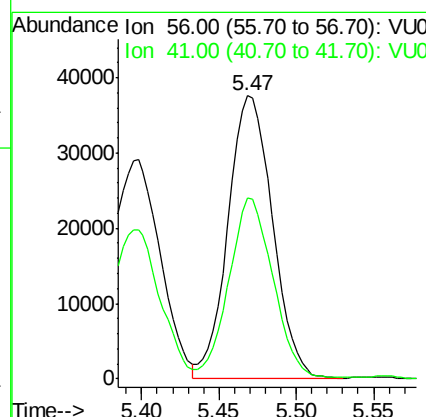
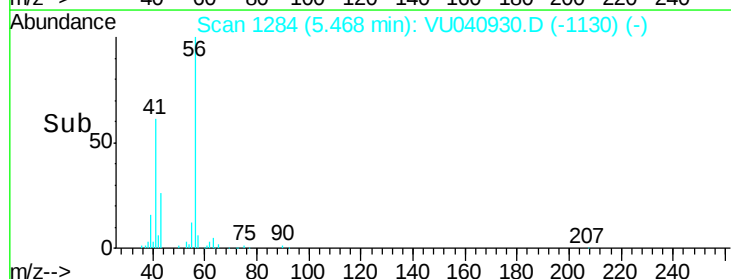
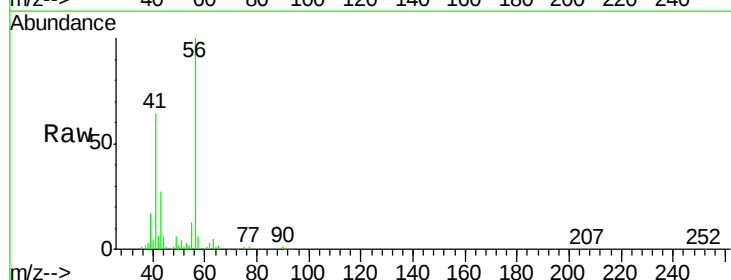
MMDadoda

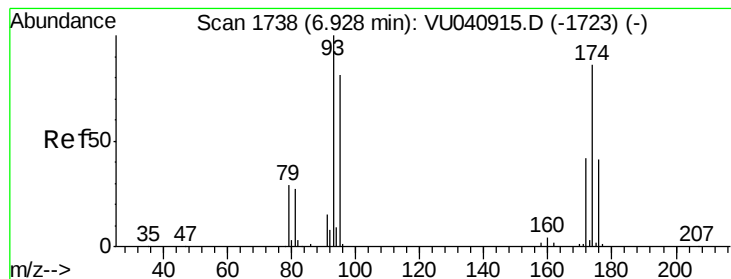
10/26/2020 4:24:16 PM



#42
1-Chlorobutane
Concen: 1.977 ug/l
RT: 5.47 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
56	100		
41	61.9	29.6	88.8





#43

Dibromomethane

Concen: 2.016 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

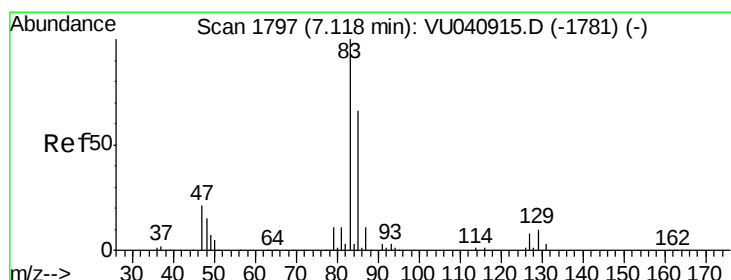
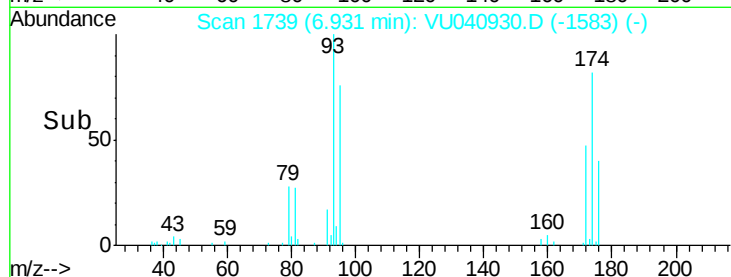
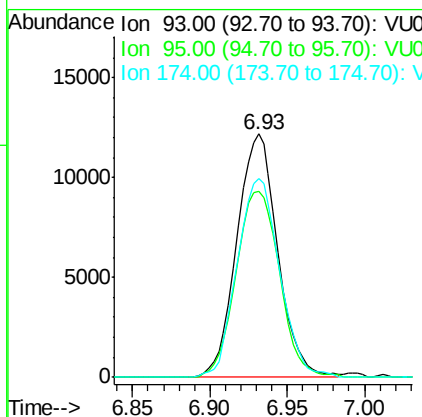
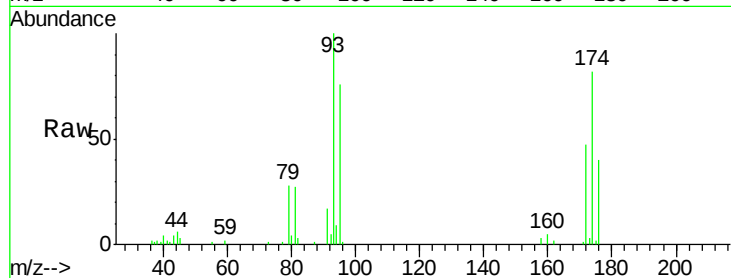
VU1023WBS01

Tot Ion:	93	Resp:	22384
Ion	Ratio	Lower	Upper
93	100		
95	81.4	66.3	99.5
174	84.8	70.4	105.6

Manual Integrations
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#44

Bromodichloromethane

Concen: 2.015 ug/l

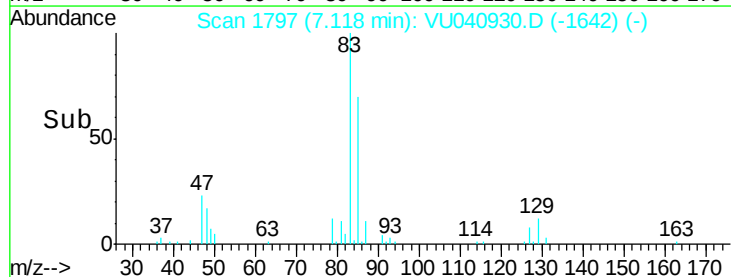
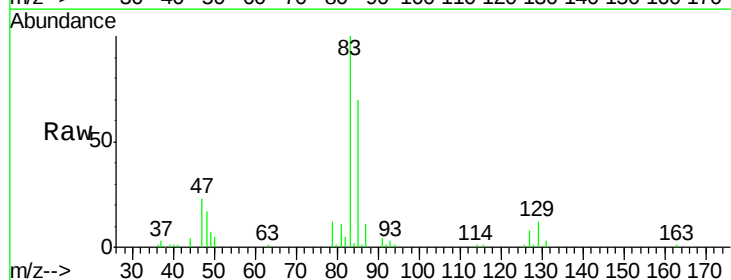
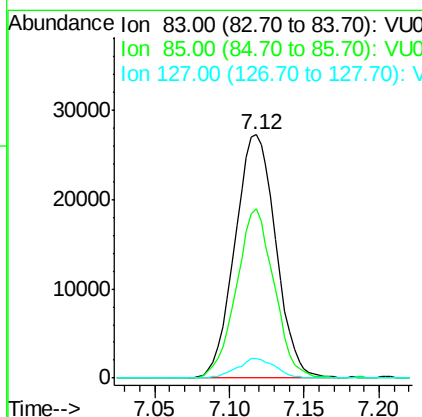
RT: 7.12 min Scan# 1797

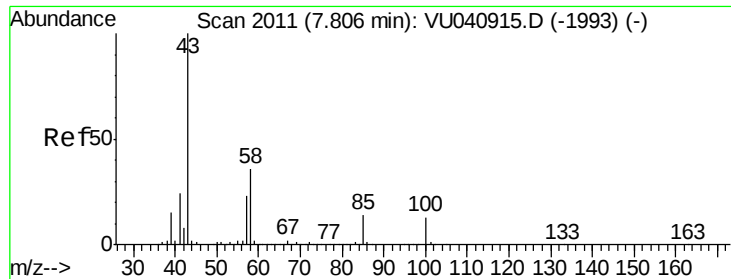
Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Tgt Ion:	83	Resp:	51926
Ion	Ratio	Lower	Upper
83	100		
85	69.5	52.6	78.8
127	8.3	6.4	9.6





#45
4-Methyl-2-Pentanone
Concen: 9.063 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

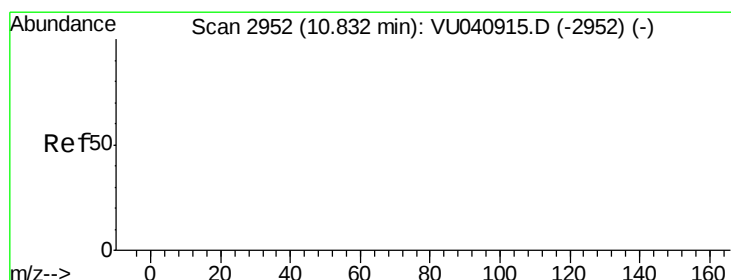
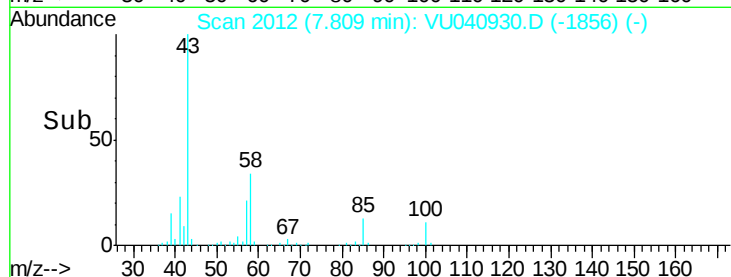
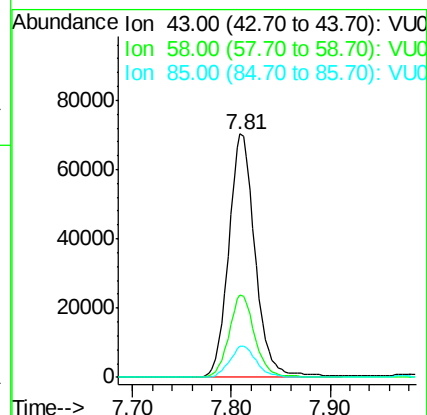
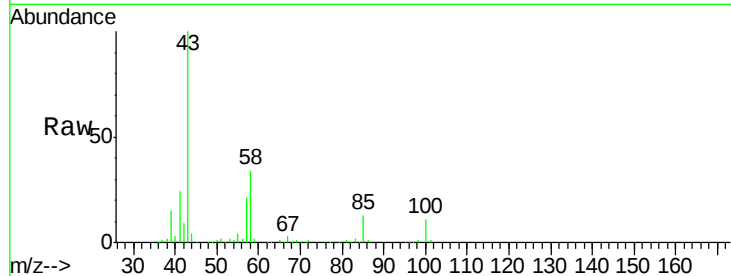
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion:	43	Resp:	132085
Ion Ratio		Lower	Upper
43	100		
58	32.9	17.8	53.5
85	12.9	11.4	17.2

Manual Integrations
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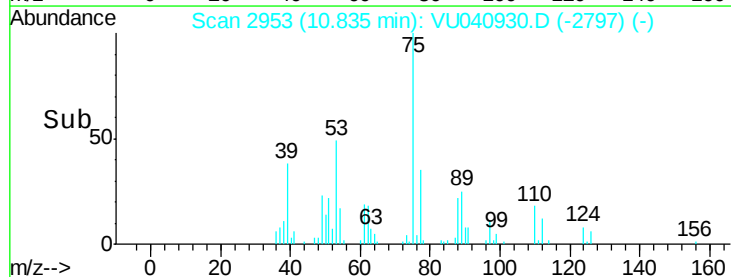
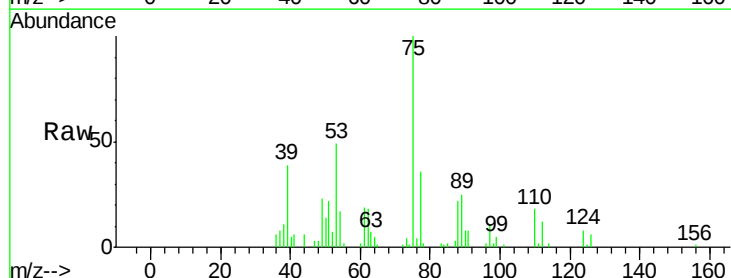
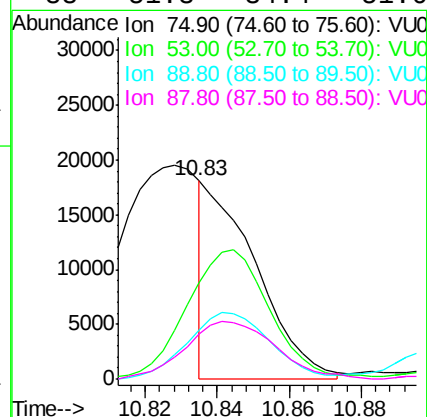
MMDadoda

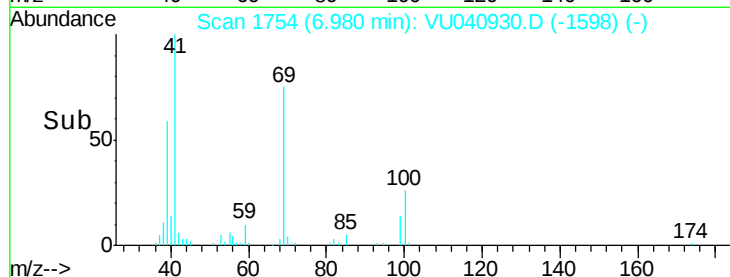
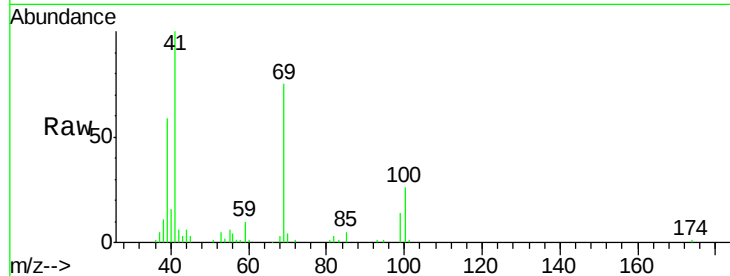
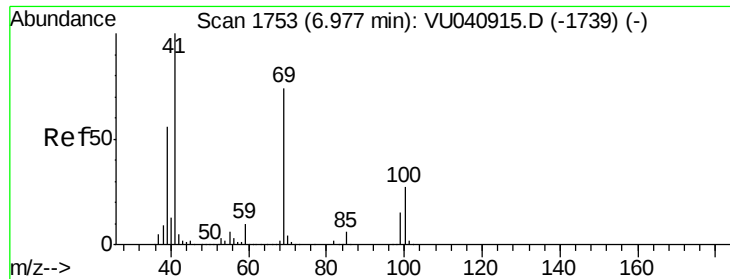
10/26/2020 4:24:16 PM



#46
t-1,4-Dichloro-2-butene
Concen: 3.090 ug/l m
RT: 10.83 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion:	75	Resp:	17808
Ion Ratio		Lower	Upper
75	100		
53	106.6	73.0	109.4
89	54.7	41.7	62.5
88	51.3	34.4	51.6





#47
Methyl methacrylate
Concen: 3.423 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

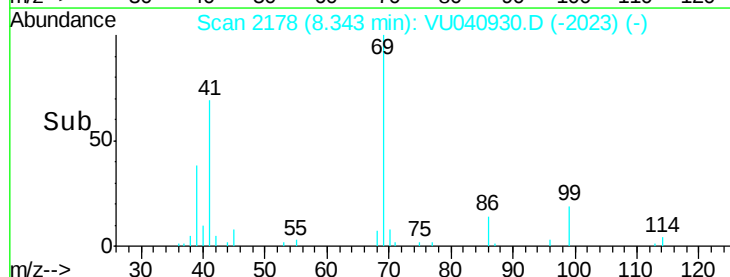
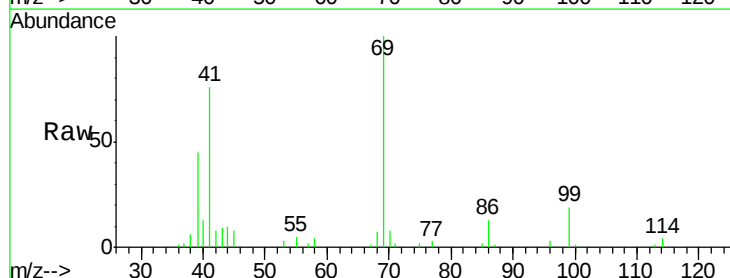
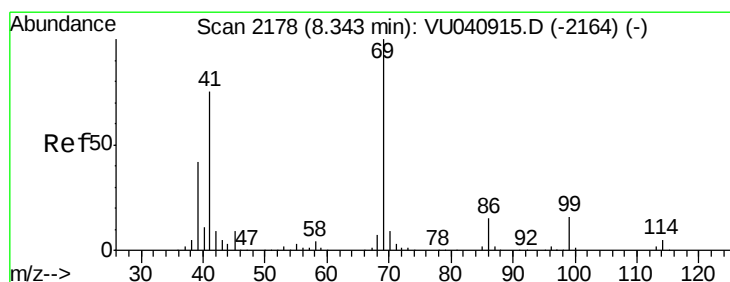
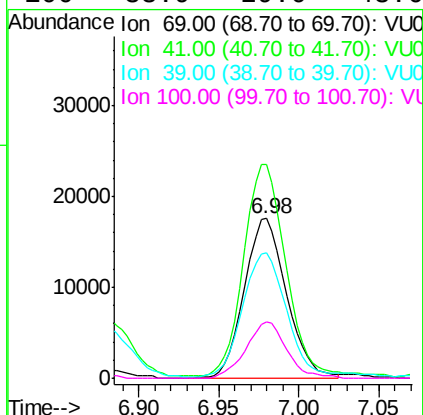
Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	131.2	0.0	270.2	
39	82.4	61.6	92.4	
100	33.9	29.0	43.6	

Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Manual Integrations
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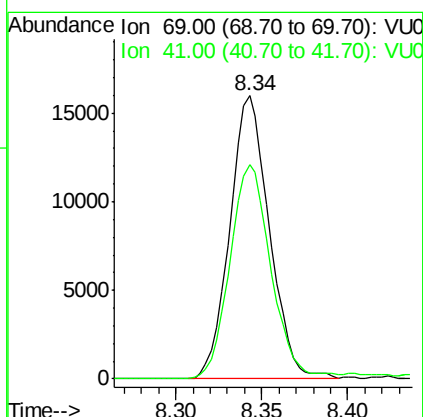
MMDadoda

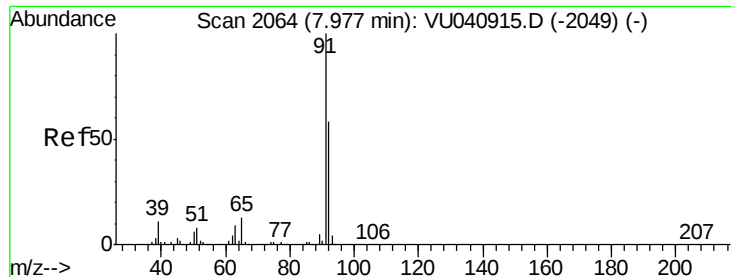
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#48
Ethyl methacrylate
Concen: 1.645 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	77.8	37.6	112.9	





#49

Toluene

Concen: 1.807 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion: 92 Resp: 69393

Ion Ratio Lower Upper

92 100

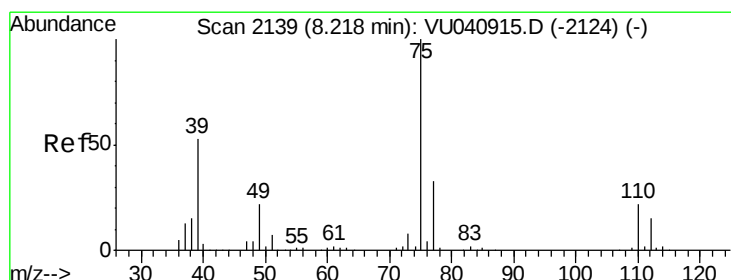
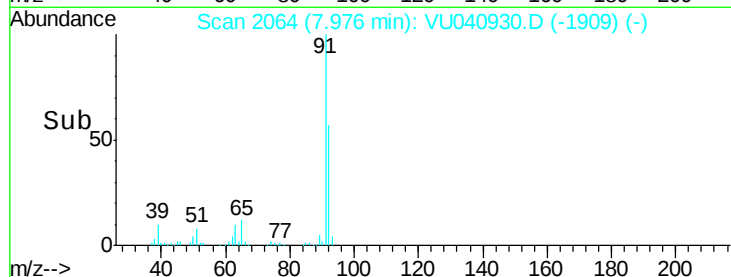
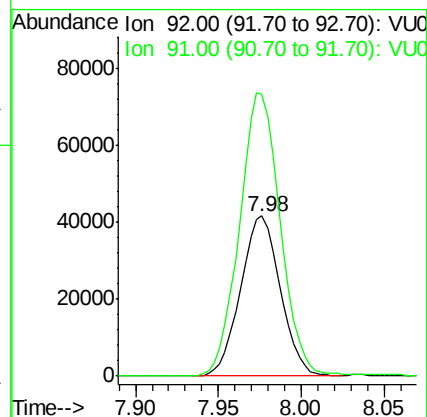
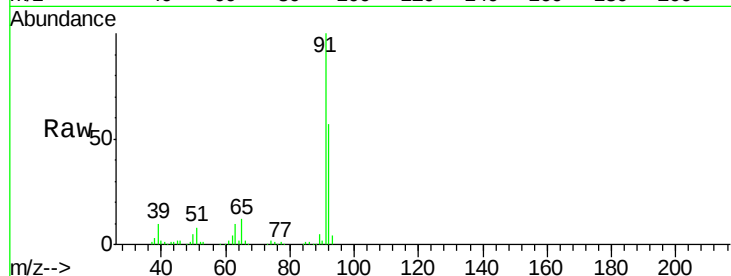
91 181.6 136.8 205.2

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 1.869 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040930.D

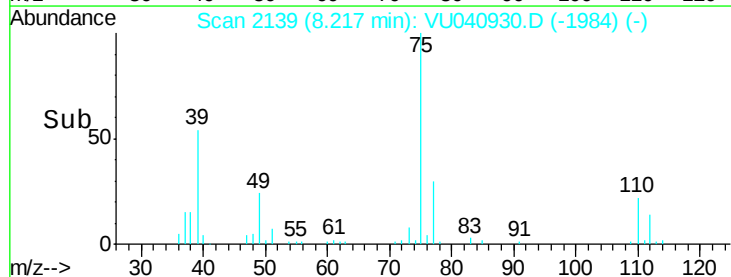
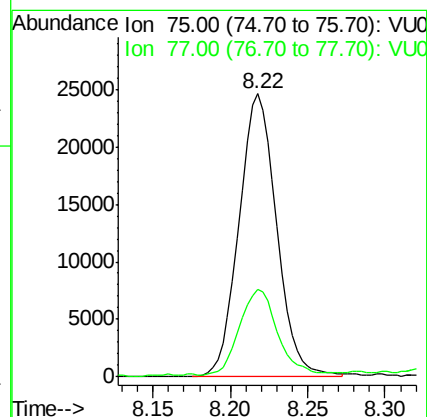
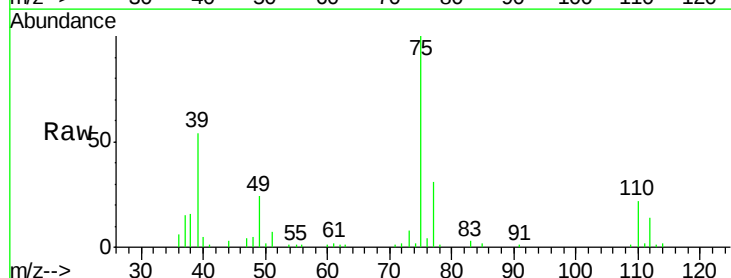
Acq: 23 Oct 2020 12:04

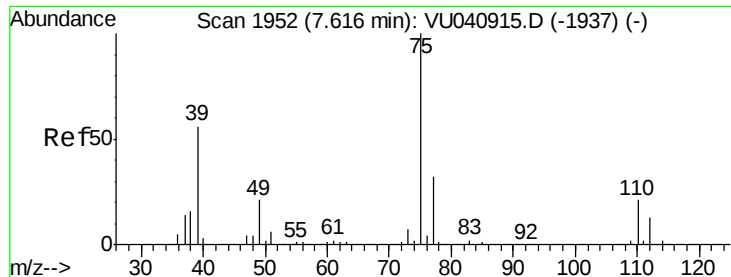
Tgt Ion: 75 Resp: 41627

Ion Ratio Lower Upper

75 100

77 29.8 26.2 39.4





#51

cis-1,3-Dichloropropene
Concen: 1.850 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

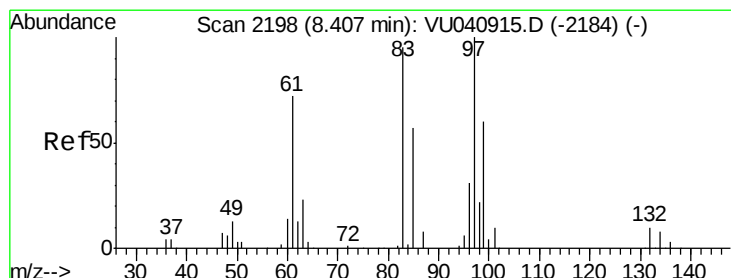
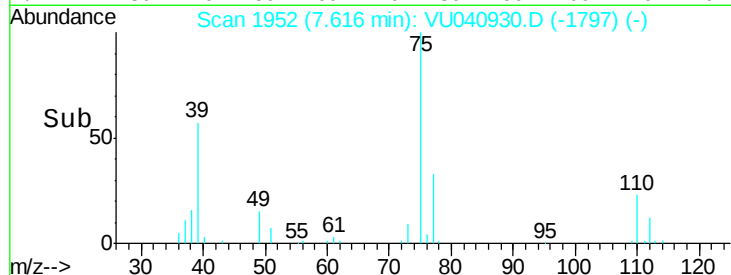
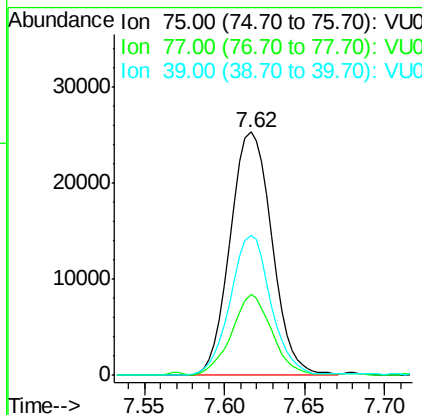
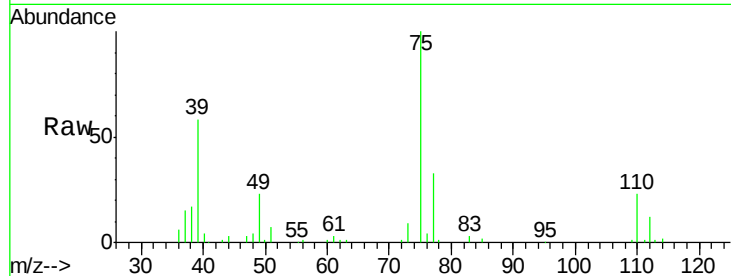
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.9	25.4	38.0
39	57.7	44.7	67.1

Manual Integrations
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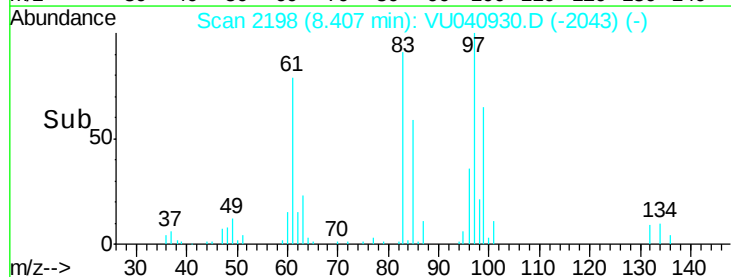
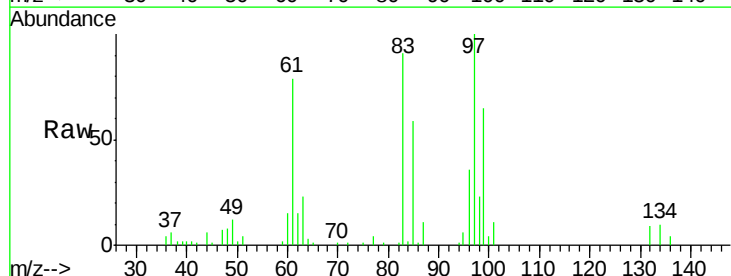
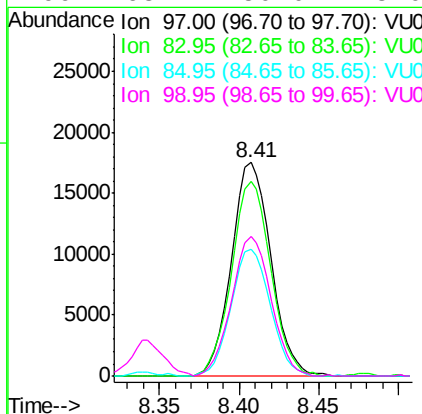
10/26/2020 4:24:16 PM

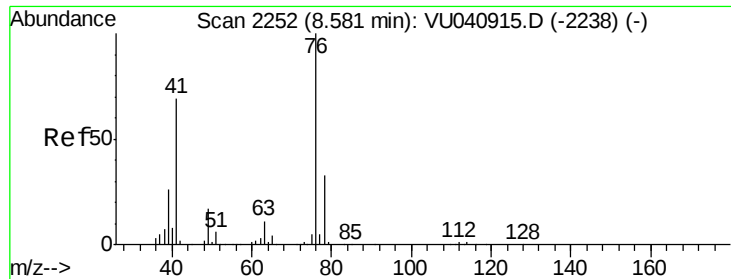


#52

1,1,2-Trichloroethane
Concen: 2.100 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.3	75.9	113.9
85	59.3	46.1	69.1
99	65.1	50.0	75.0





#53
 1,3-Dichloropropane
 Concen: 1.894 ug/l
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

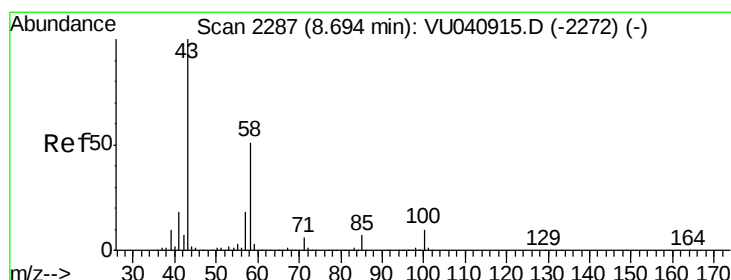
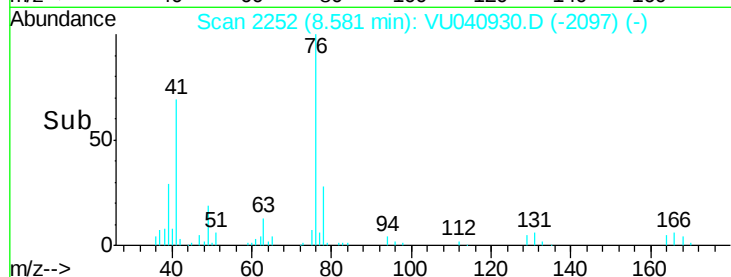
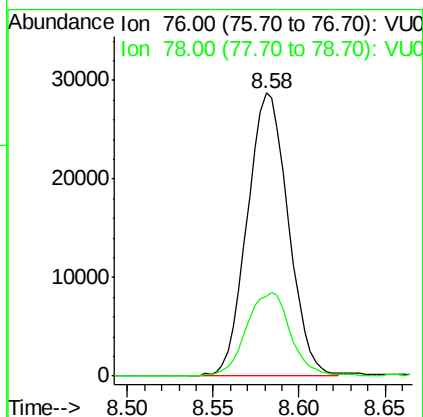
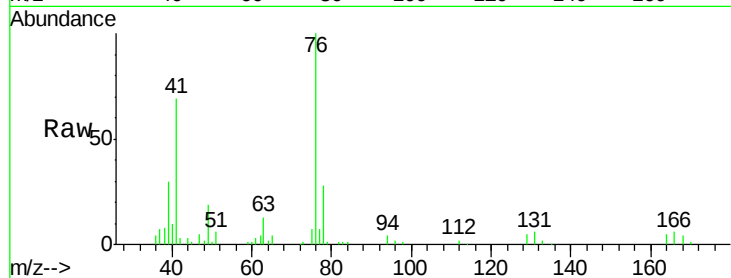
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	26.6	39.8

Manual Integrations
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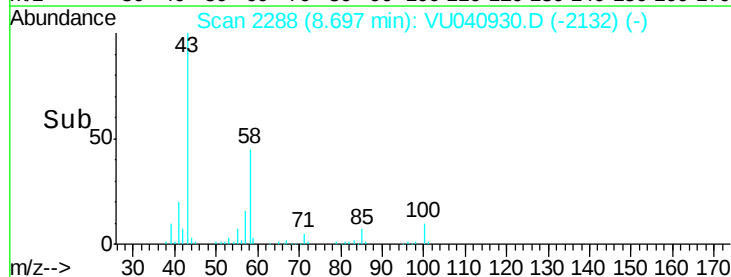
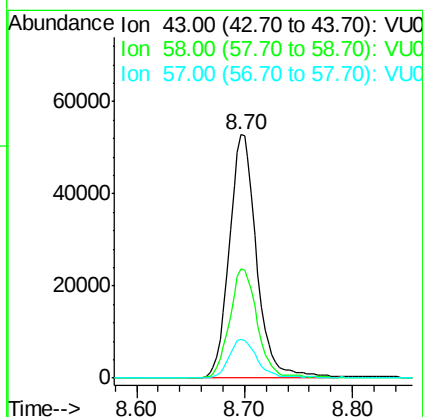
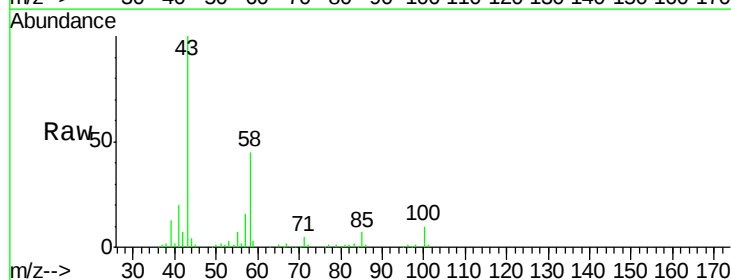
MMDadoda

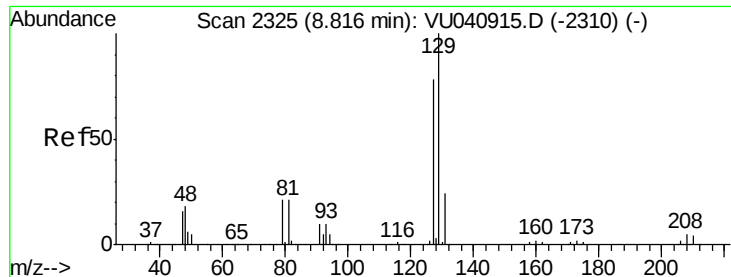
10/26/2020 4:24:16 PM



#54
 2-Hexanone
 Concen: 9.184 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
43	100		
58	45.5	30.2	70.2
57	16.3	0.0	37.4





#55

Dibromochloromethane

Concen: 1.997 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion:129 Resp: 33615

Ion Ratio Lower Upper

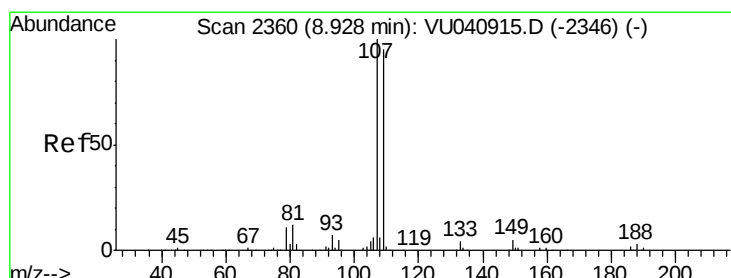
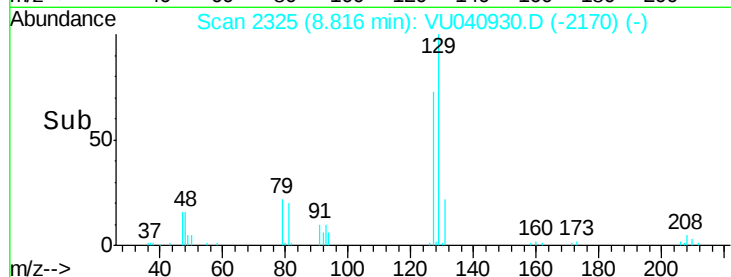
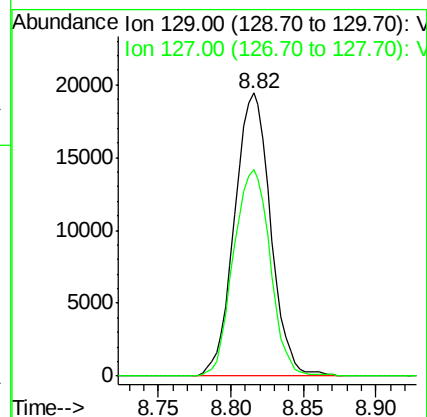
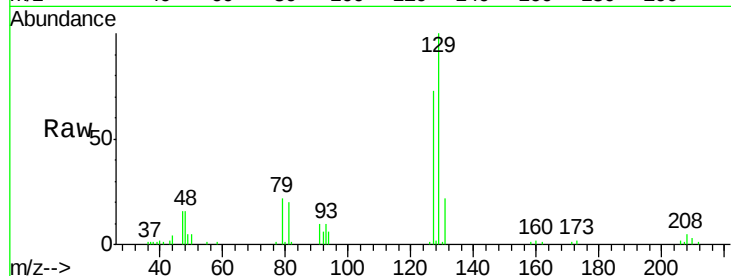
129 100

127 73.9 63.1 94.7

Manual Integrations
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#56

1,2-Dibromoethane

Concen: 1.962 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. -0.00 min

Lab File: VU040930.D

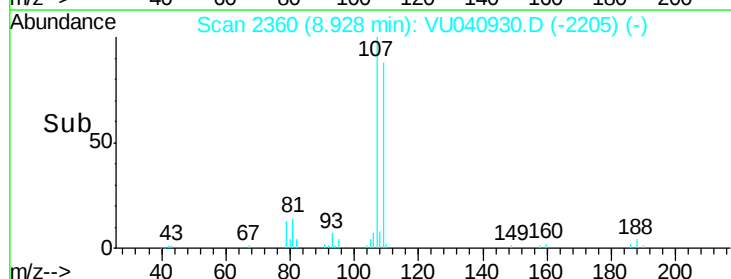
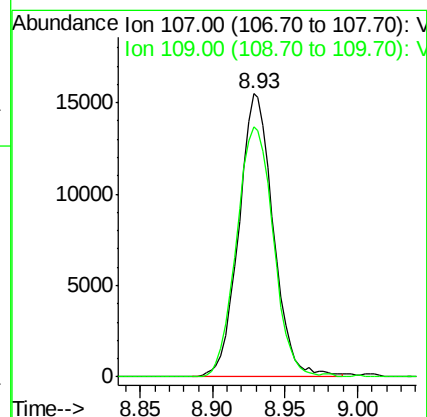
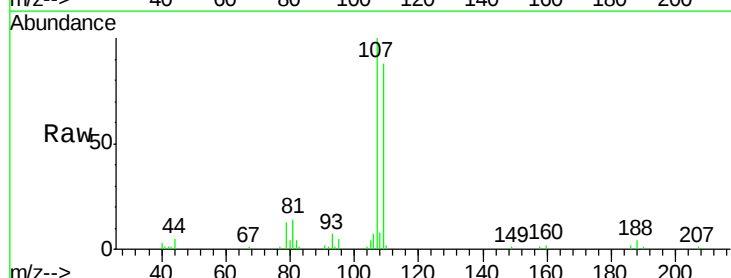
Acq: 23 Oct 2020 12:04

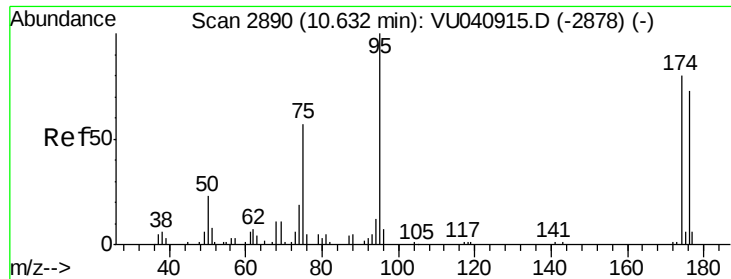
Tgt Ion:107 Resp: 25533

Ion Ratio Lower Upper

107 100

109 94.2 0.0 190.4





#57
4-Bromofluorobenzene
Concen: 0.926 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

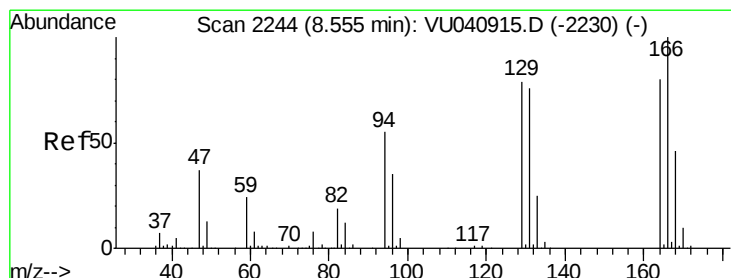
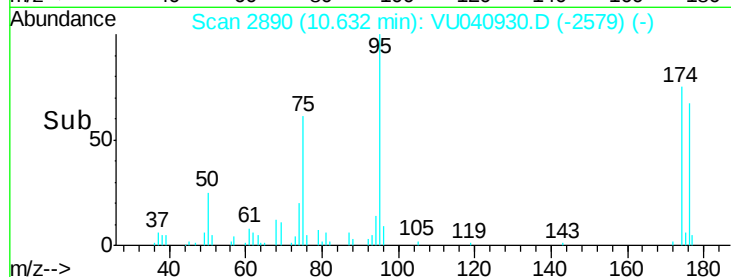
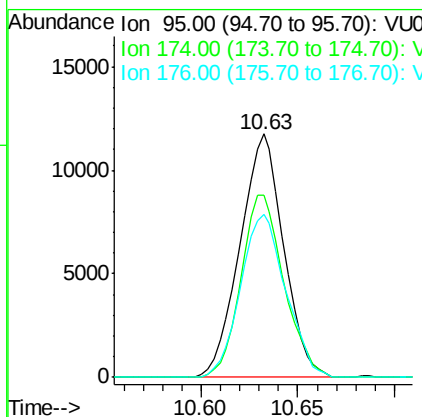
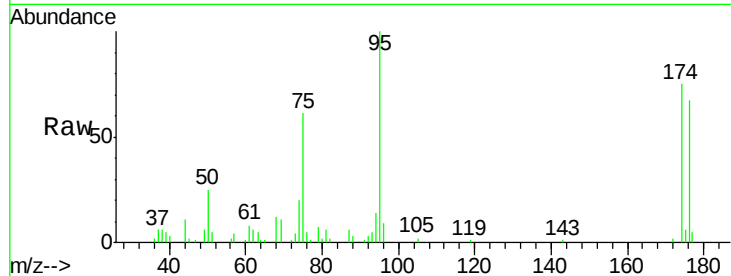
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	18413		
174	73.9	60.3	90.5	
176	69.3	55.6	83.4	

Manual Integrations
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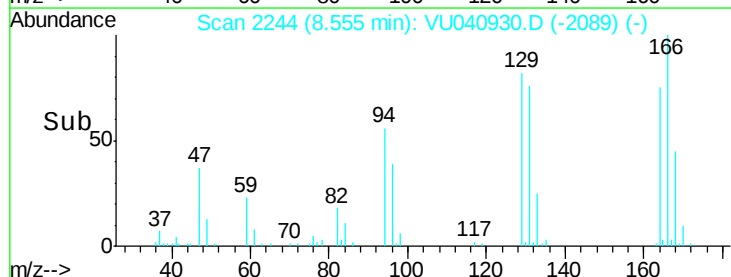
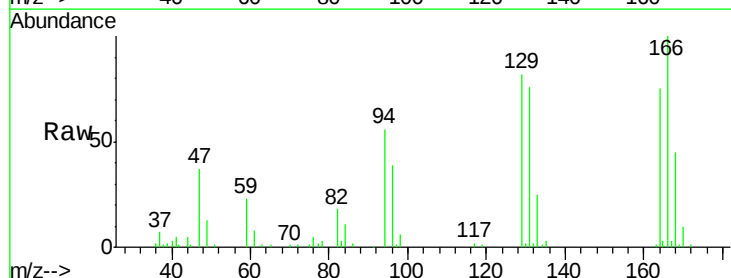
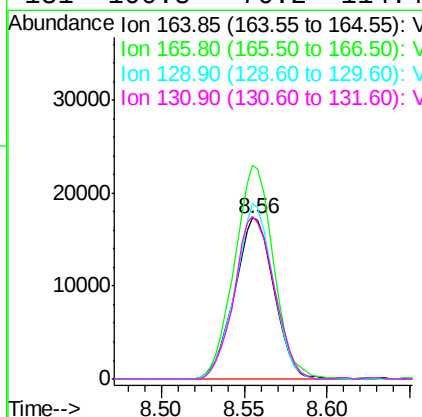
MMDadoda

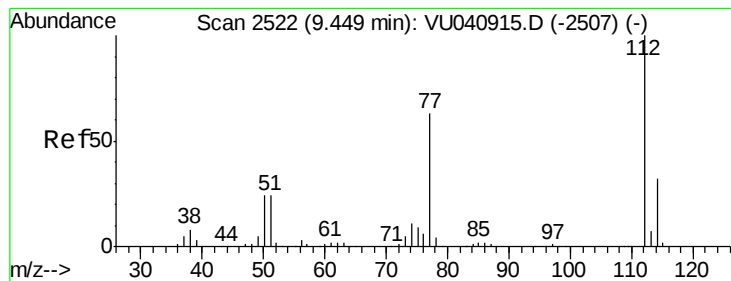
10/26/2020 4:24:16 PM



#58
Tetrachloroethene
Concen: 1.861 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	28709		
166	132.8	100.3	150.5	
129	109.0	79.4	119.0	
131	100.8	76.2	114.4	





#59

Chlorobenzene

Concen: 1.803 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion:112 Resp: 73269

Ion Ratio Lower Upper

112 100

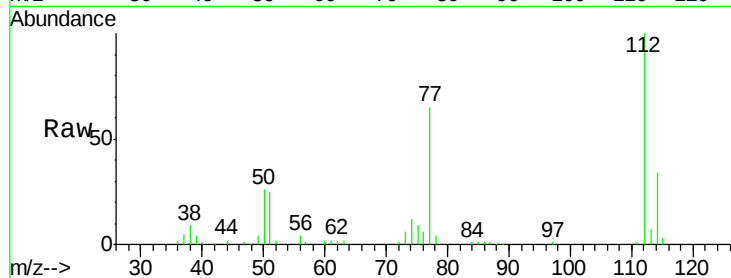
114 33.6 25.8 38.8

Manual Integrations

APPROVED

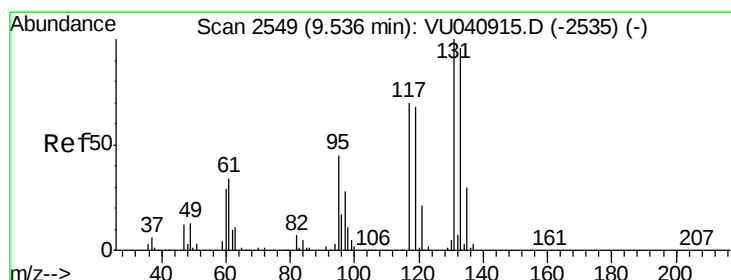
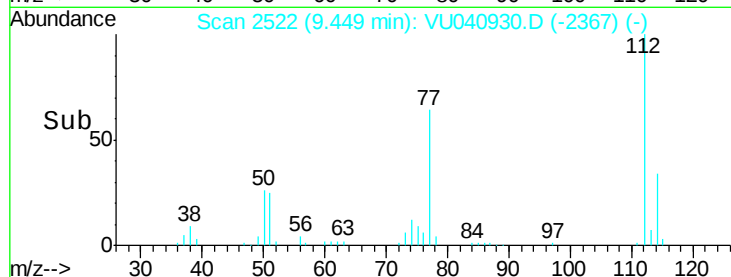
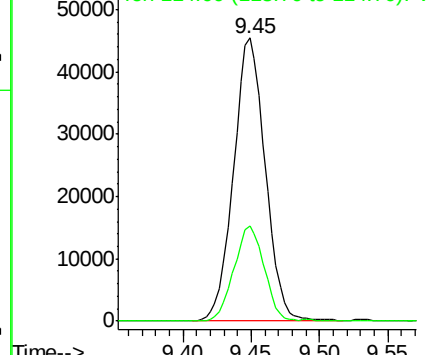
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Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#60

1,1,1,2-Tetrachloroethane

Concen: 2.007 ug/l

RT: 9.54 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

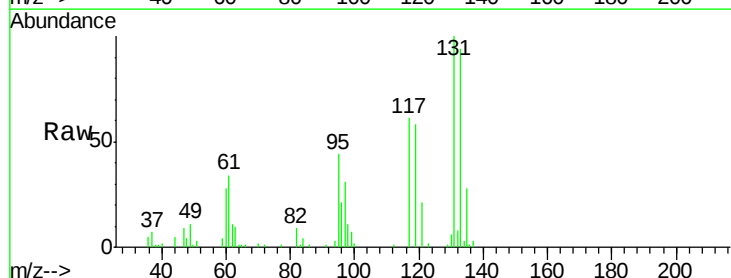
Tgt Ion:131 Resp: 32049

Ion Ratio Lower Upper

131 100

133 95.8 77.4 116.0

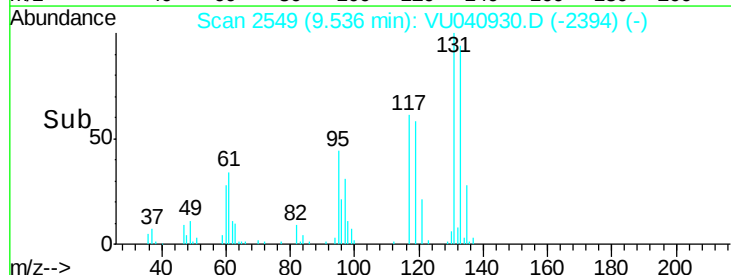
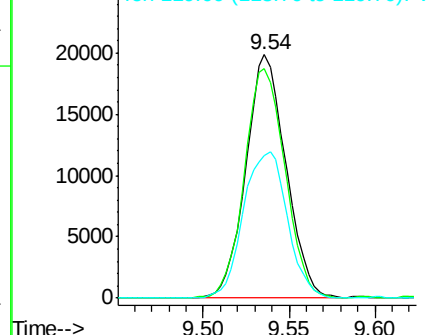
119 65.8 53.5 80.3

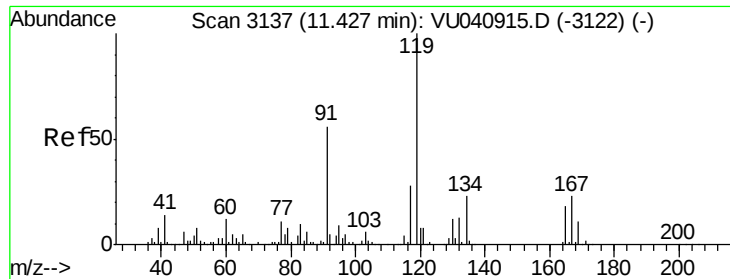


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#61
 Pentachloroethane
 Concen: 1.969 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

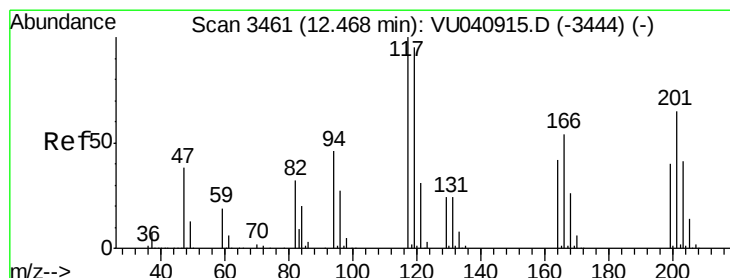
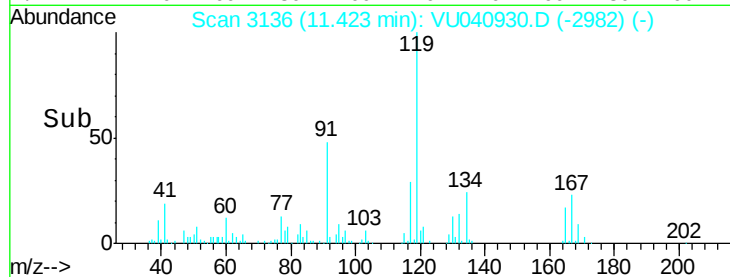
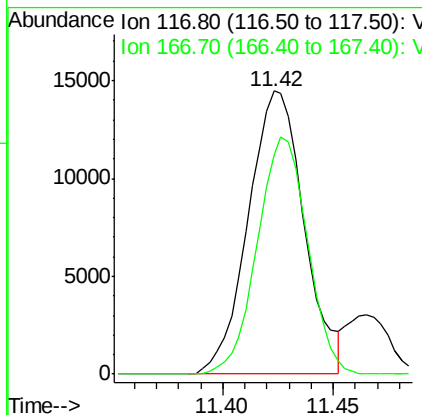
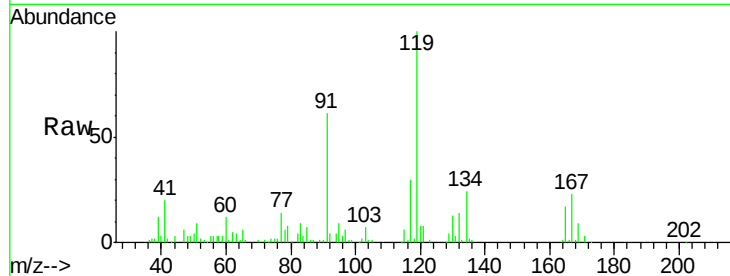
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion:117 Resp: 25404
 Ion Ratio Lower Upper
 117 100
 167 75.0 59.4 89.2

Manual Integrations
 APPROVED

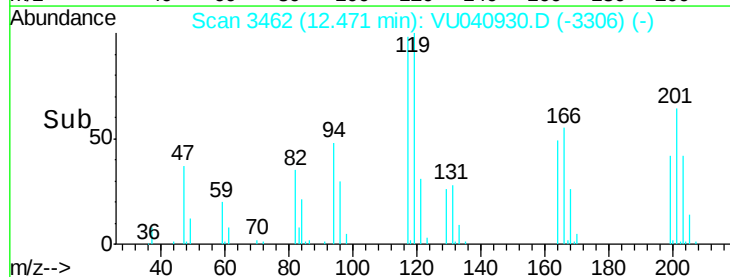
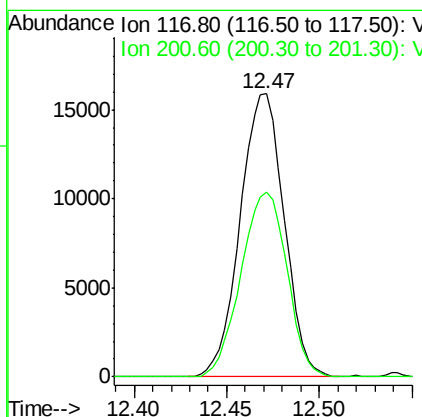
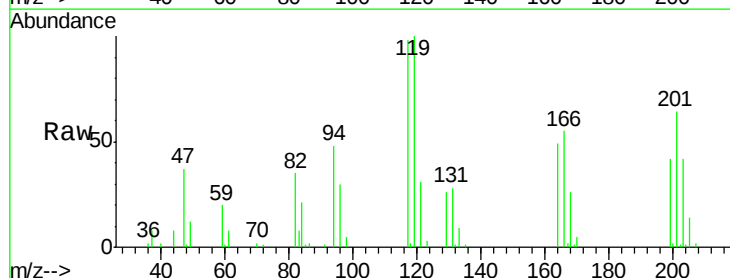
MMDadoda

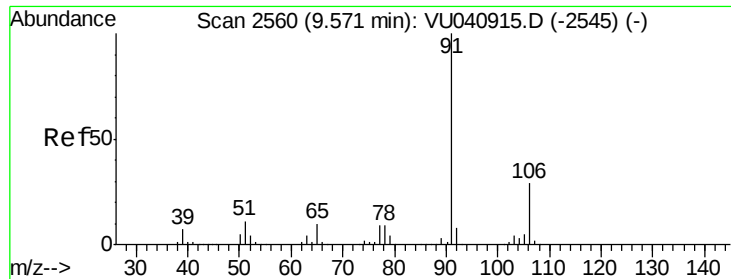
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#62
 Hexachloroethane
 Concen: 1.988 ug/l
 RT: 12.47 min Scan# 3462
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion:117 Resp: 26102
 Ion Ratio Lower Upper
 117 100
 201 68.3 52.6 78.8





#63
Ethyl Benzene
Concen: 1.664 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

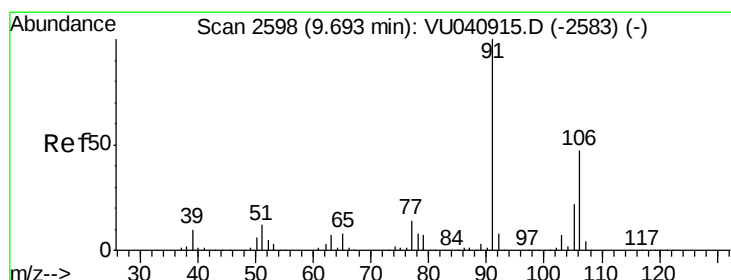
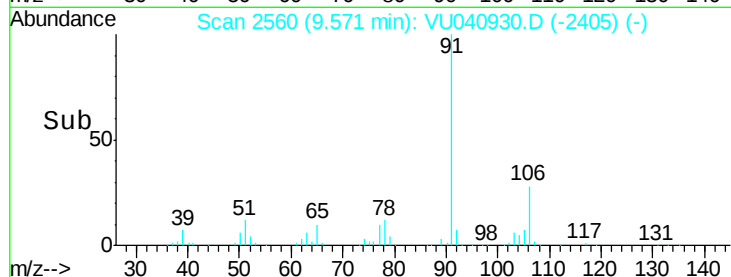
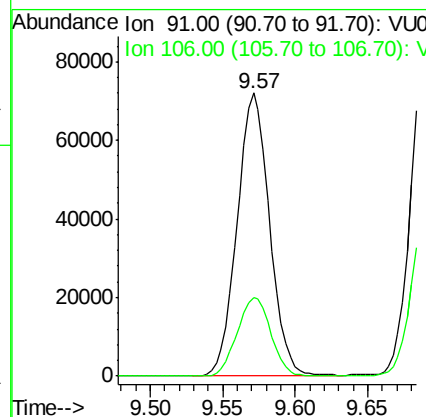
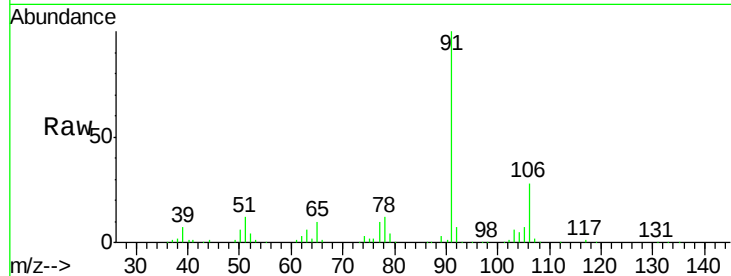
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion: 91 Resp: 112002
Ion Ratio Lower Upper
91 100
106 27.7 23.5 35.3

Manual Integrations
APPROVED

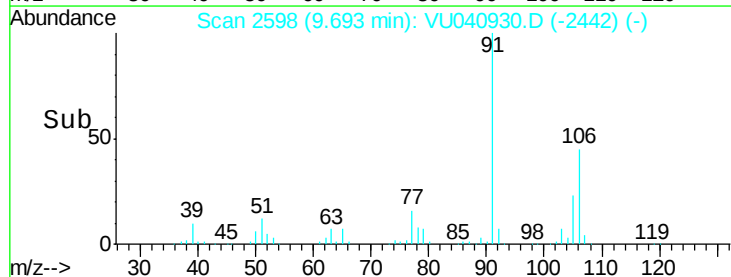
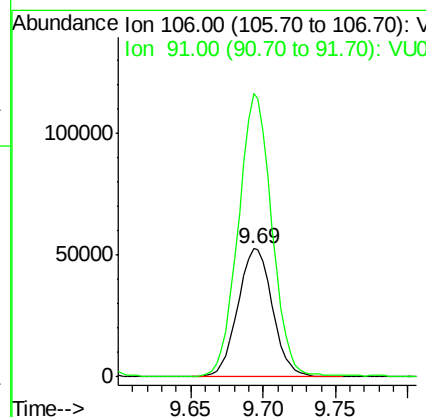
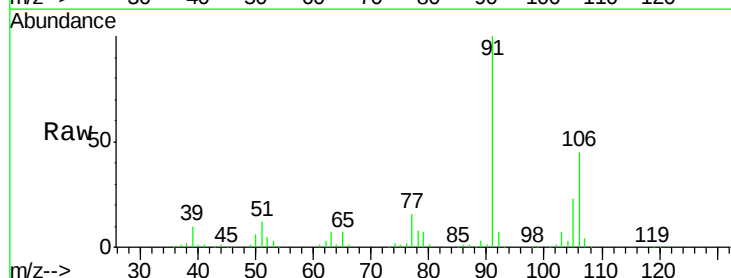
MMDadoda

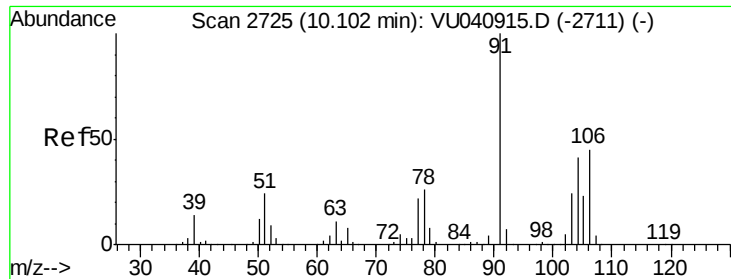
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#64
m/p-Xylenes
Concen: 3.311 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion: 106 Resp: 87685
Ion Ratio Lower Upper
106 100
91 212.7 168.3 252.5





#65
o-Xylene
Concen: 1.767 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

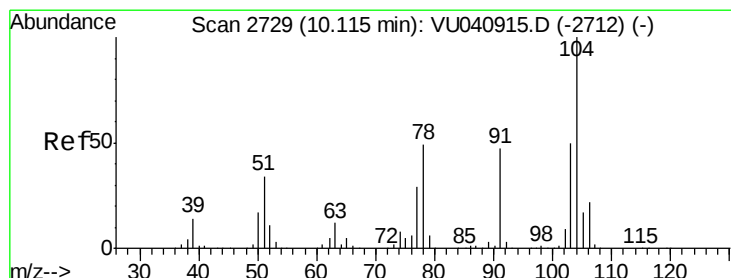
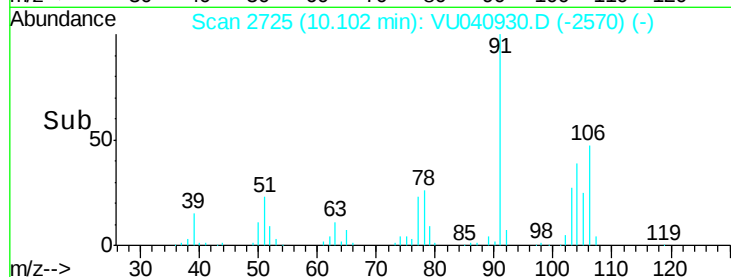
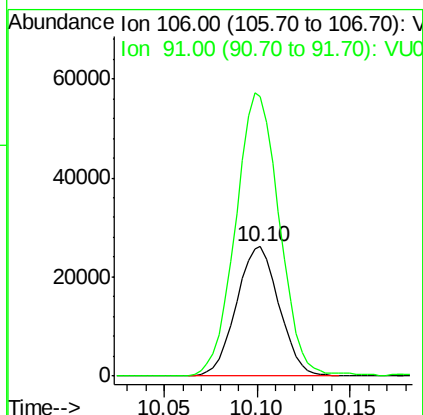
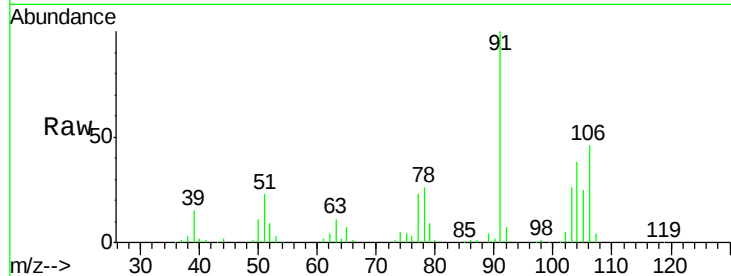
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion:106 Resp: 41782
Ion Ratio Lower Upper
106 100
91 224.8 111.3 333.9

Manual Integrations
APPROVED

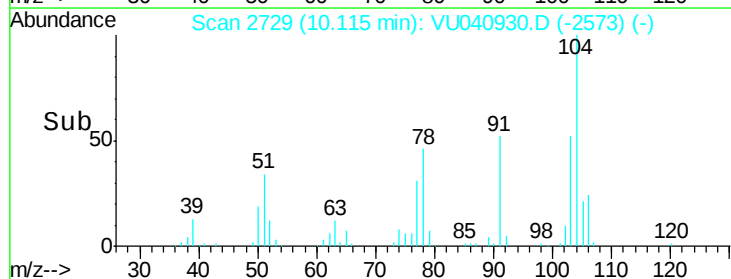
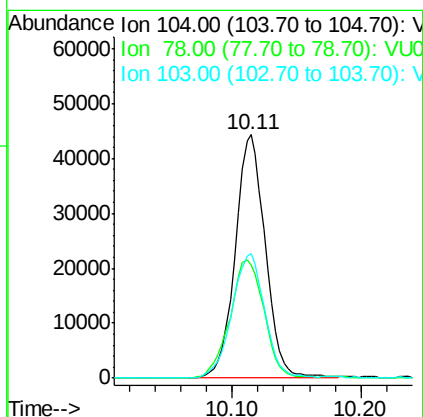
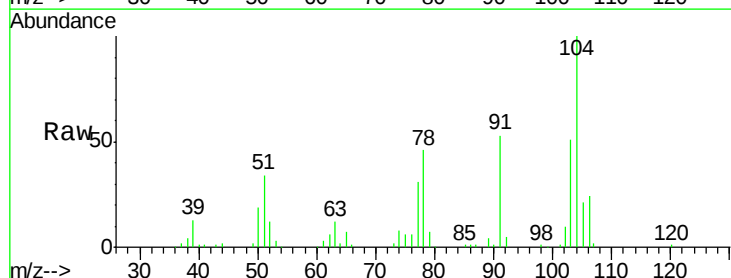
MMDadoda

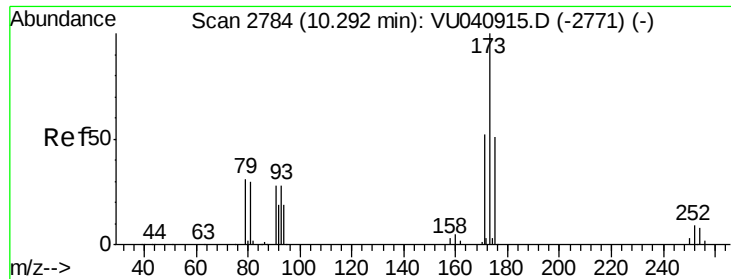
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#66
Styrene
Concen: 1.684 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion:104 Resp: 71896
Ion Ratio Lower Upper
104 100
78 55.1 43.4 65.0
103 55.7 43.1 64.7





#67
Bromoform
Concen: 1.917 ug/l
RT: 10.29 min Scan# 2785
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

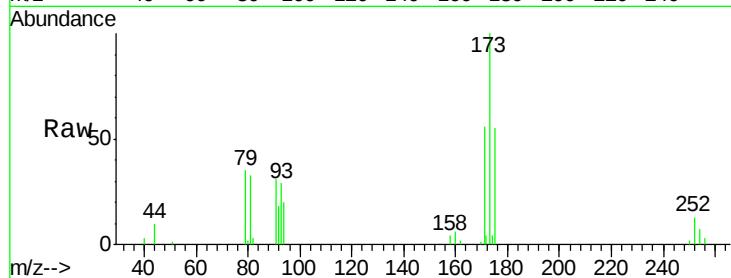
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	52.1	39.0	58.4
254	8.1	6.6	9.8

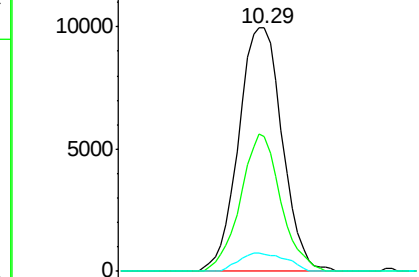
Manual Integrations
APPROVED

MMDadoda

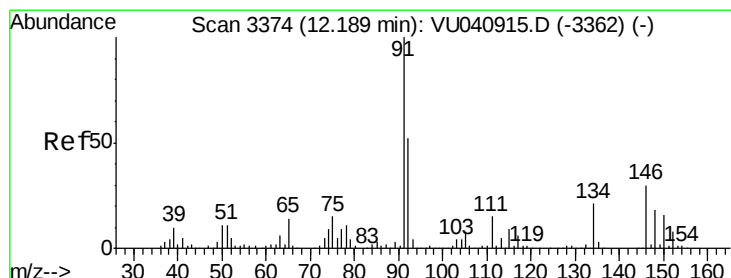
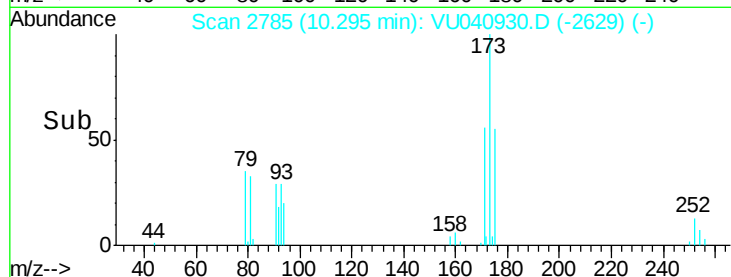
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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

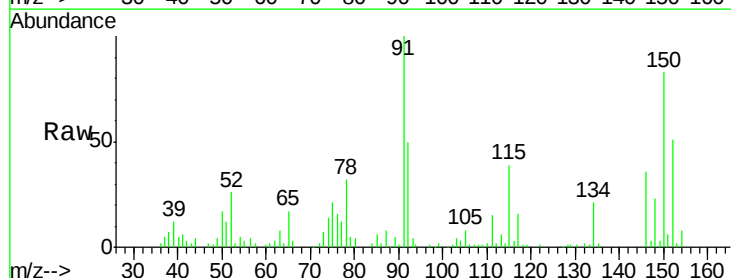


Time-->

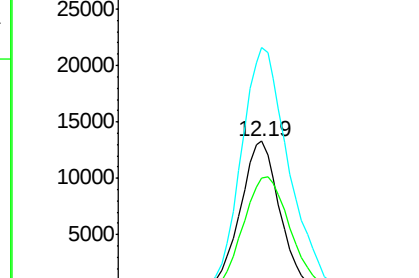


#68
1,2-Dichlorobenzene-d4
Concen: 1.013 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

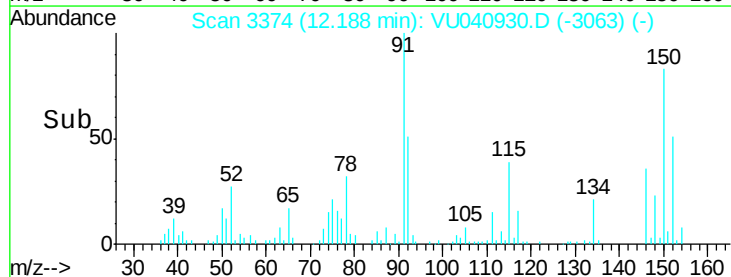
Tgt Ion	Ratio	Lower	Upper
152	100		
115	90.6	0.0	323.4
150	193.4	0.0	653.8

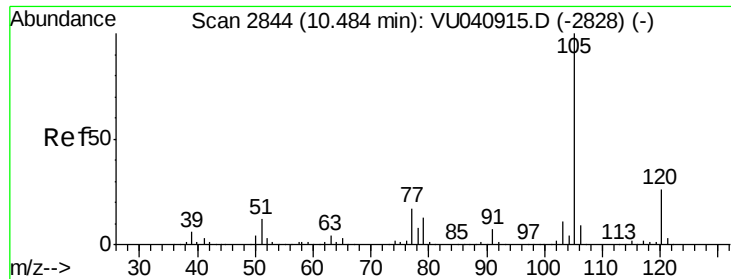


Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V



Time-->





#69

Isopropylbenzene

Concen: 1.693 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion:105 Resp: 106722

Ion Ratio Lower Upper

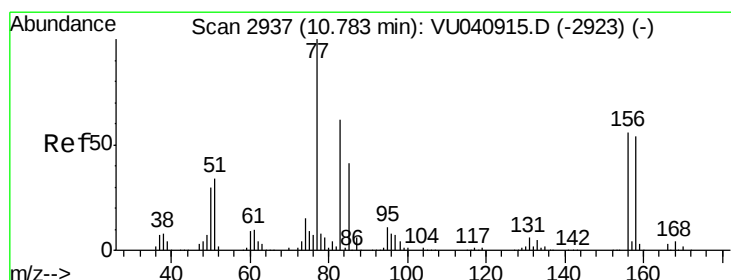
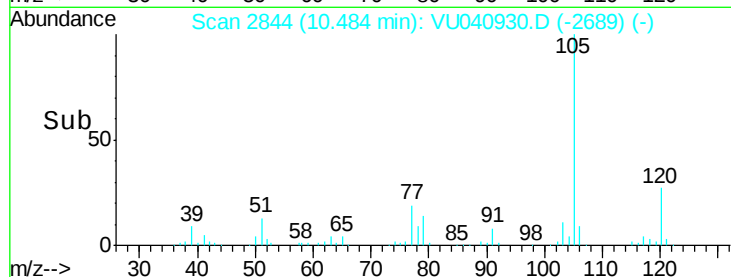
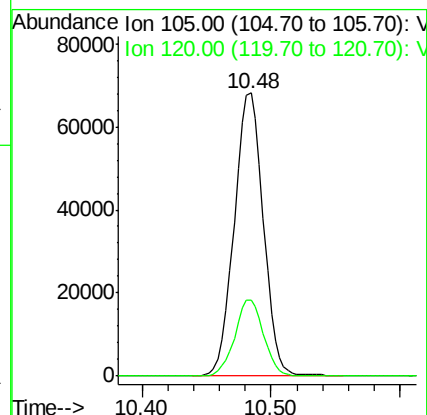
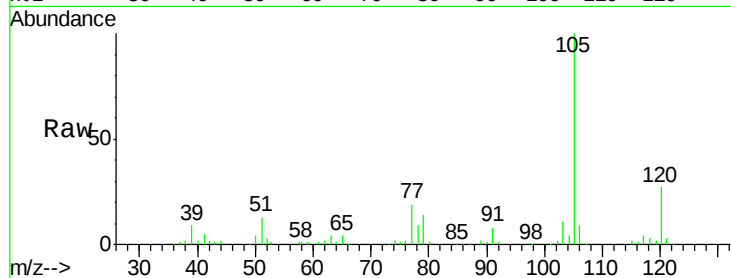
105 100

120 26.5 12.9 38.6

Manual Integrations
APPROVED

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#70

1,1,2,2-Tetrachloroethane

Concen: 2.045 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

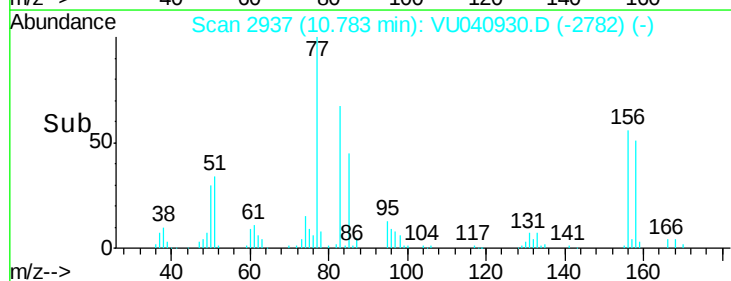
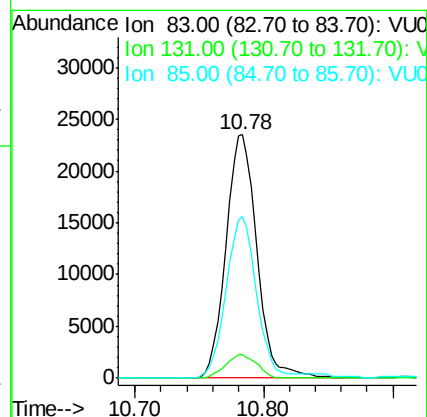
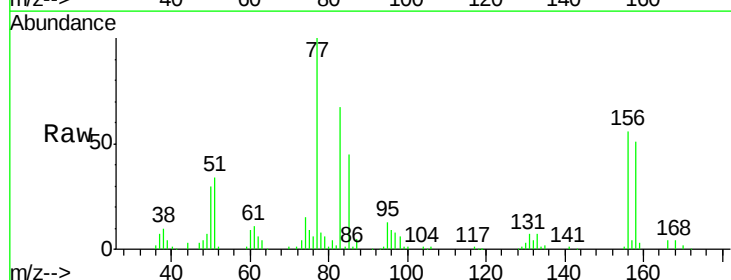
Tgt Ion: 83 Resp: 39049

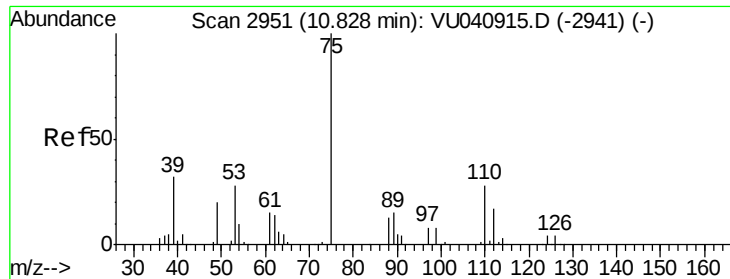
Ion Ratio Lower Upper

83 100

131 9.6 7.1 10.7

85 65.5 51.8 77.6





#71
 1,2,3-Trichloropropane
 Concen: 2.344 ug/l m
 RT: 10.83 min Scan# 2951
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

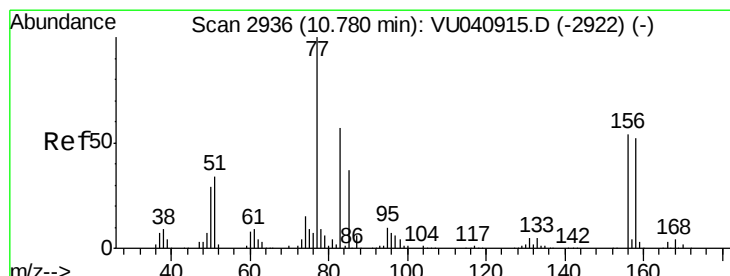
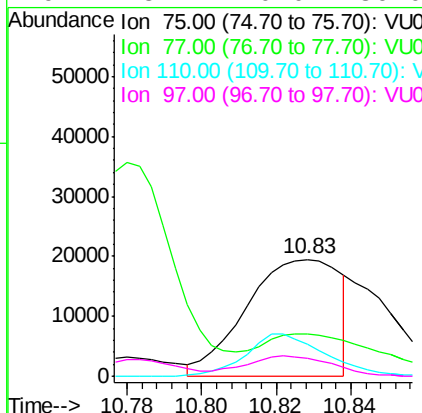
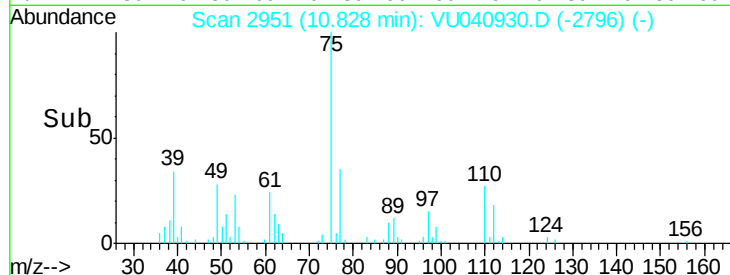
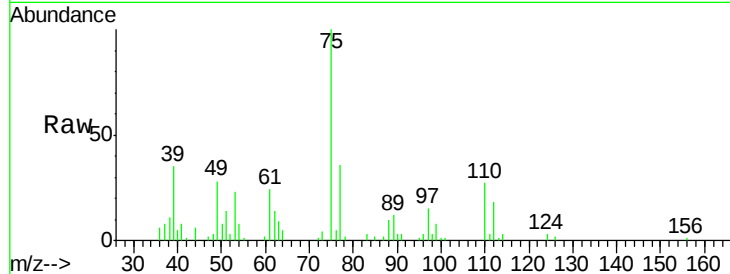
Instrument :
 MSVOA_U
 ClientSampled :
 VU1023WBS01

Tot Ion:	75	Resp:	34129
Ion	Ratio	Lower	Upper
75	100		
77	45.4	0.0	110.8
110	30.8	0.0	73.4
97	15.7	0.0	36.0

Manual Integrations
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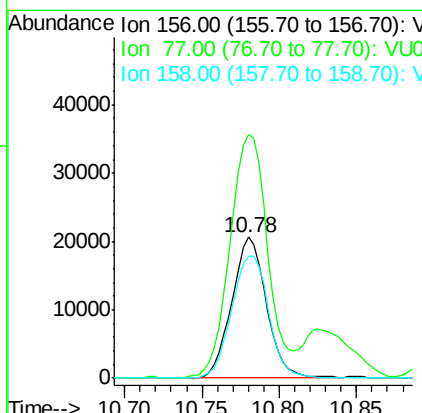
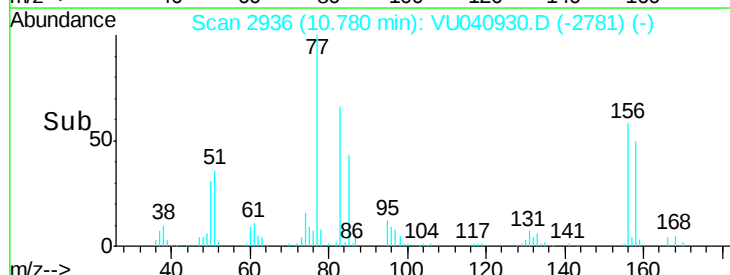
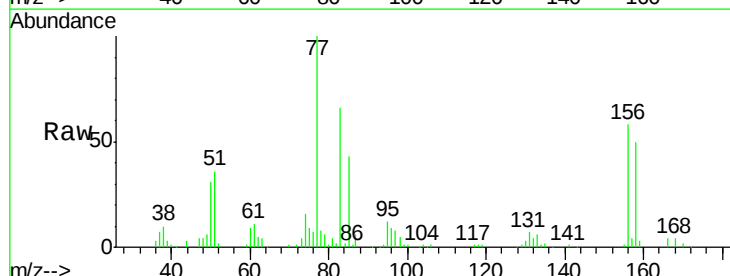
MMDadoda

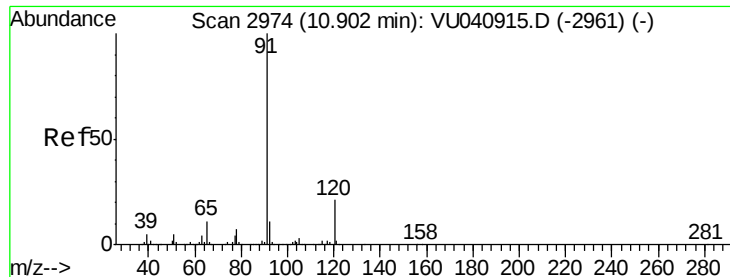
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#72
 Bromobenzene
 Concen: 1.946 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion:	156	Resp:	31997
Ion	Ratio	Lower	Upper
156	100		
77	188.2	0.0	370.2
158	92.8	0.0	193.2





#73

n-propylbenzene

Concen: 1.682 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion:120 Resp: 31105

Ion Ratio Lower Upper

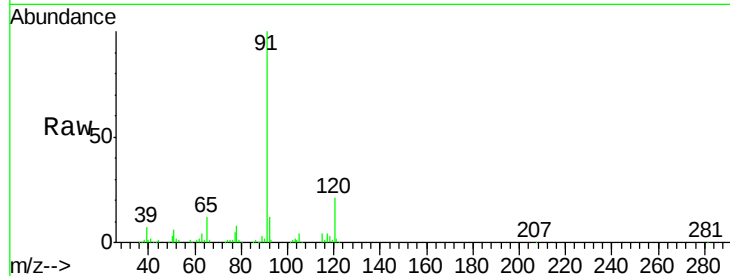
120 100

91 485.6 370.8 556.2

Manual Integrations
APPROVED

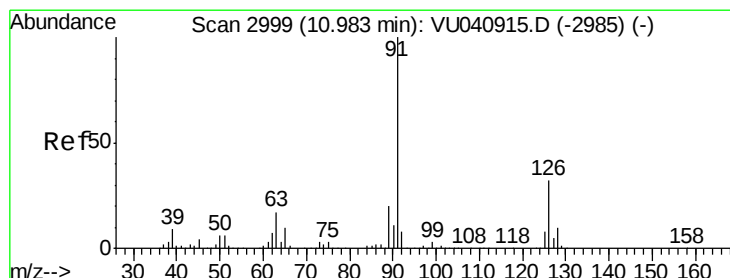
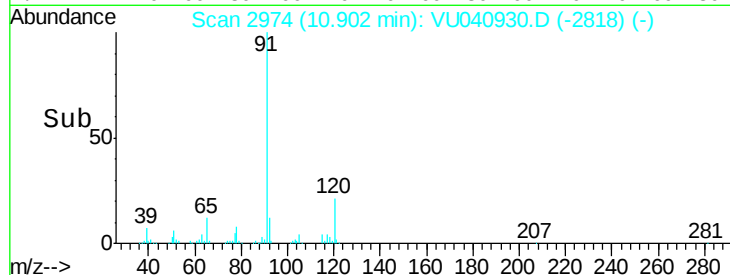
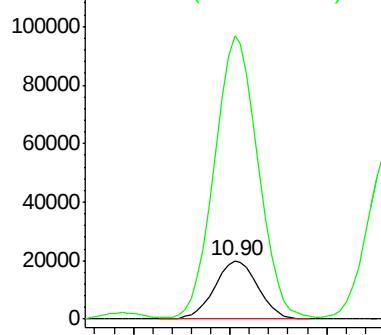
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.890 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU040930.D

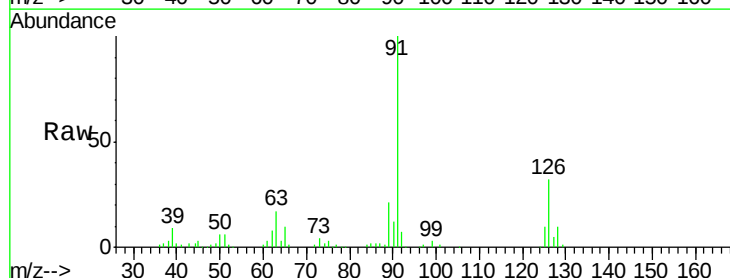
Acq: 23 Oct 2020 12:04

Tgt Ion:126 Resp: 30926

Ion Ratio Lower Upper

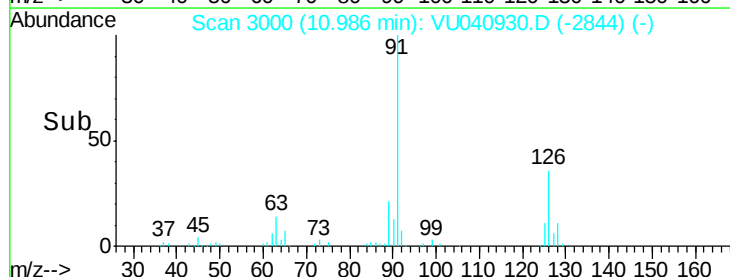
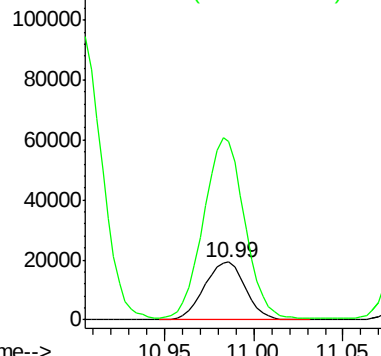
126 100

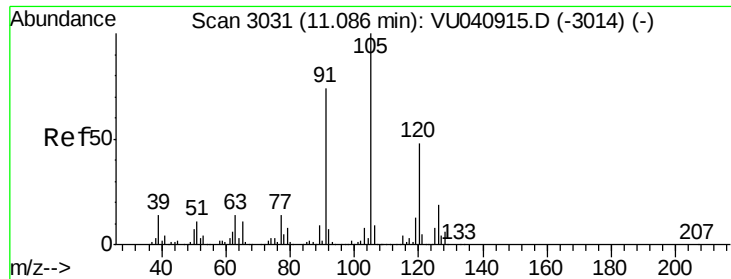
91 311.9 0.0 633.2



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: 1.714 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion:105 Resp: 99300

Ion Ratio Lower Upper

105 100

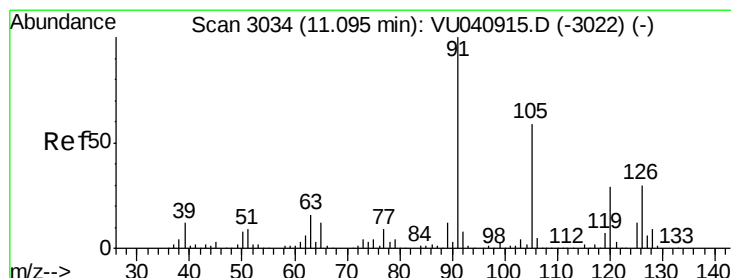
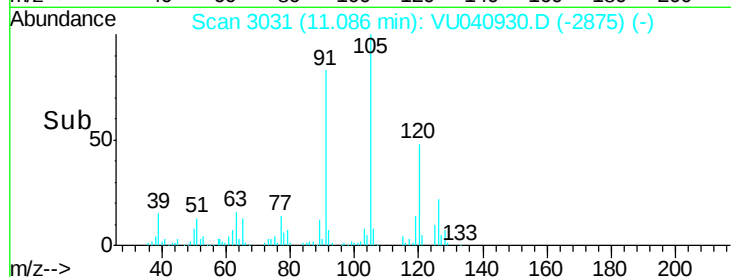
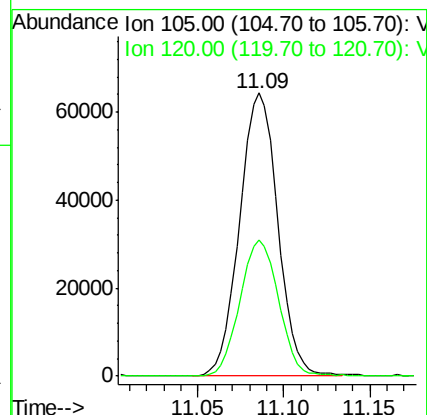
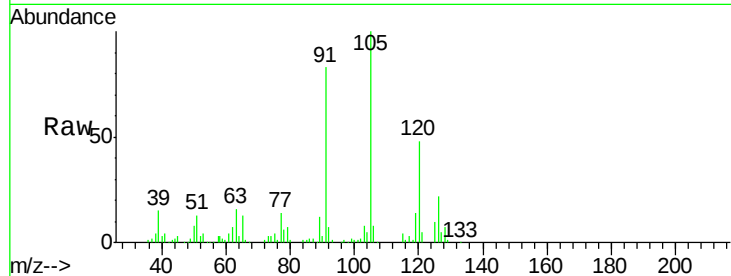
120 48.7 38.7 58.1

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#76

4-Chlorotoluene

Concen: 1.967 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040930.D

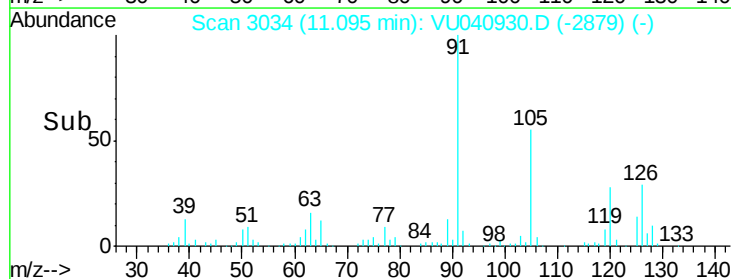
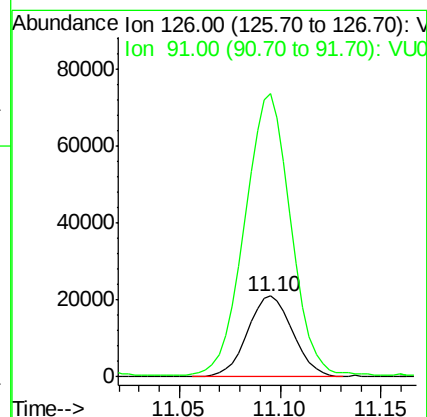
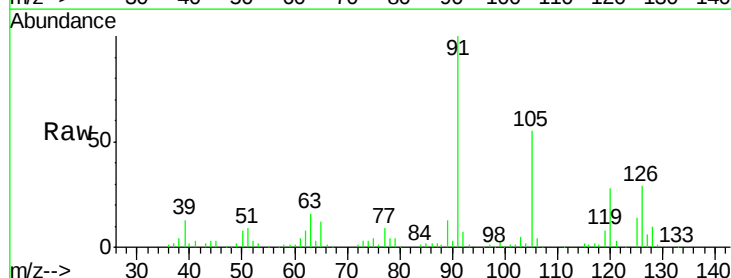
Acq: 23 Oct 2020 12:04

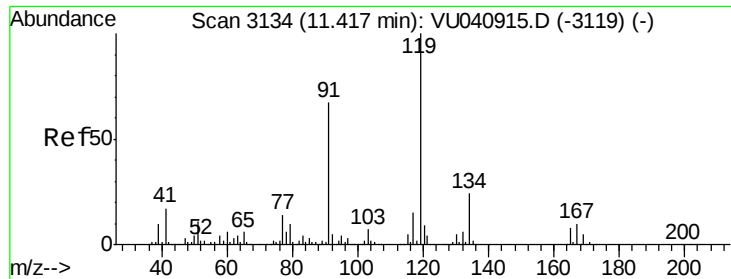
Tgt Ion:126 Resp: 33358

Ion Ratio Lower Upper

126 100

91 349.4 0.0 730.4





#77

tert-Butylbenzene

Concen: 1.794 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :
MSVOA_U

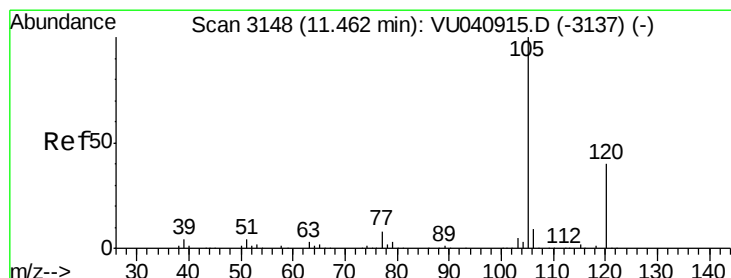
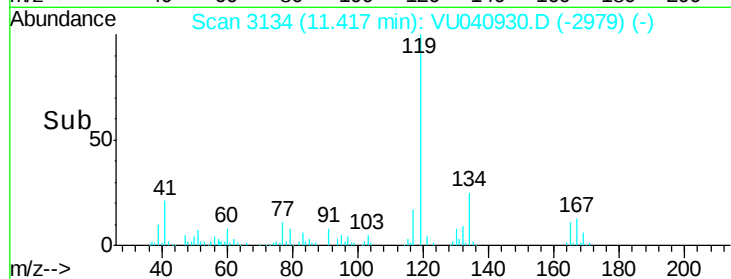
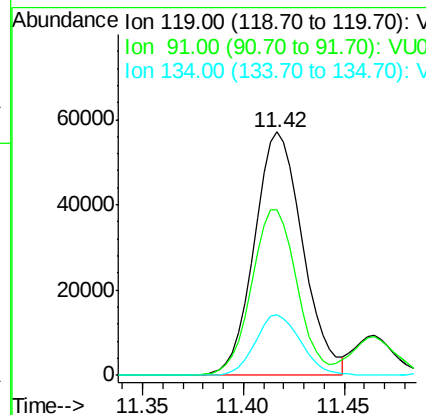
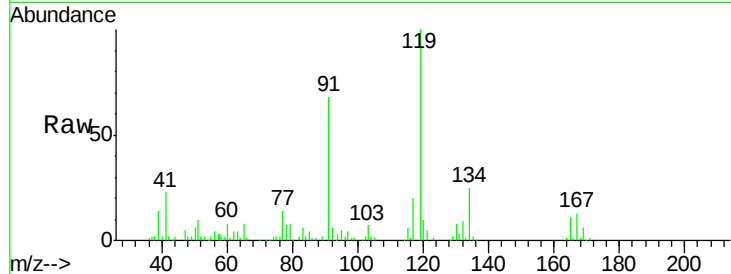
ClientSampleId :
VU1023WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.2	32.0	96.2
134	23.5	18.4	27.6

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#78

1,2,4-Trimethylbenzene

Concen: 1.716 ug/l

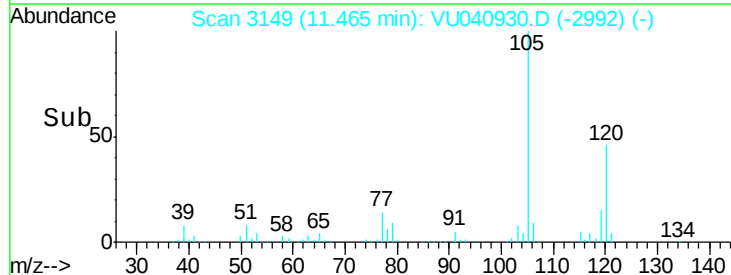
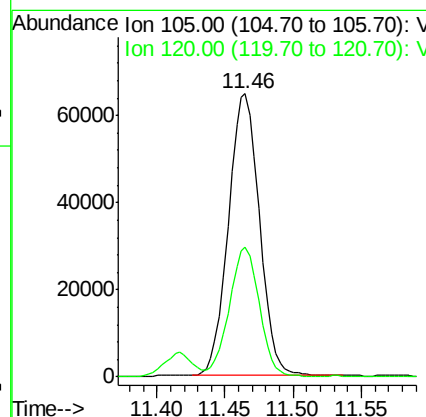
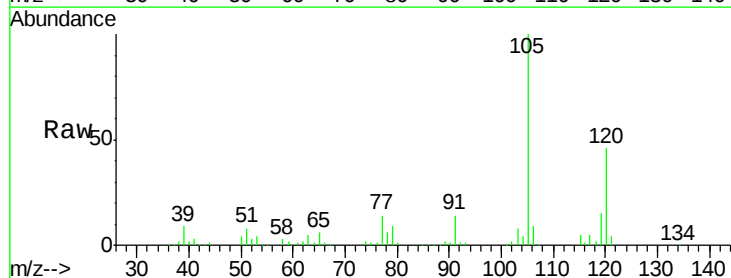
RT: 11.46 min Scan# 3149

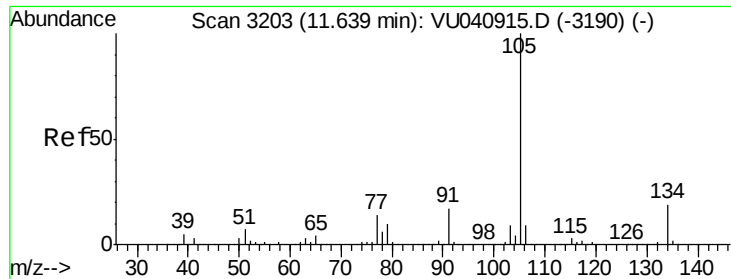
Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.6	67.8





#79

sec-Butylbenzene

Concen: 1.844 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBS01

Tot Ion: 105 Resp: 136445

Ion Ratio Lower Upper

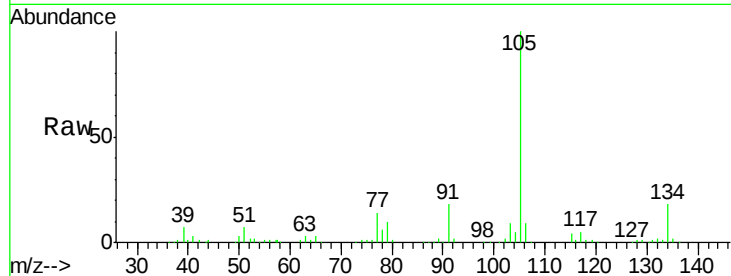
105 100

134 18.6 15.4 23.0

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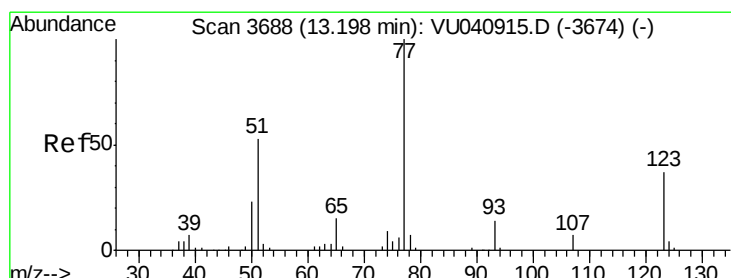
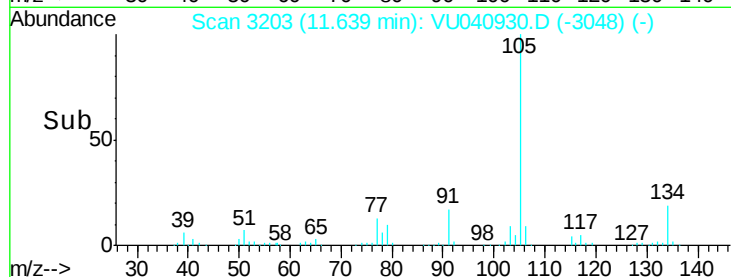
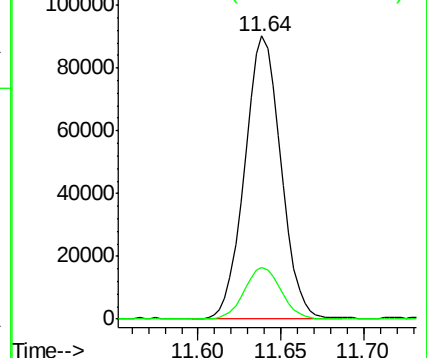
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 10.822 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU040930.D

Acq: 23 Oct 2020 12:04

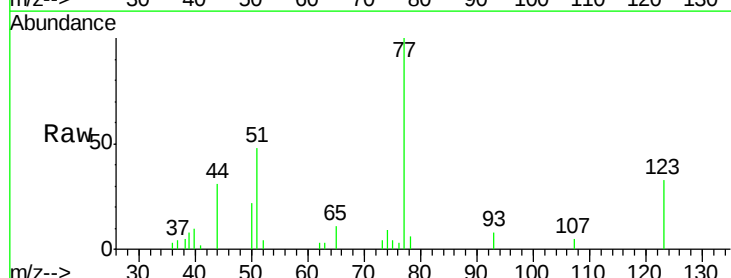
Tgt Ion: 77 Resp: 9774

Ion Ratio Lower Upper

77 100

123 32.4 16.8 59.4

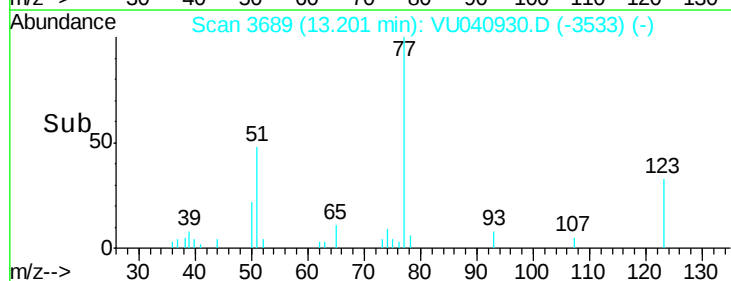
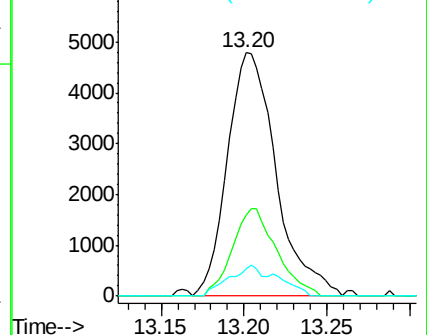
65 9.0 11.0 14.0#

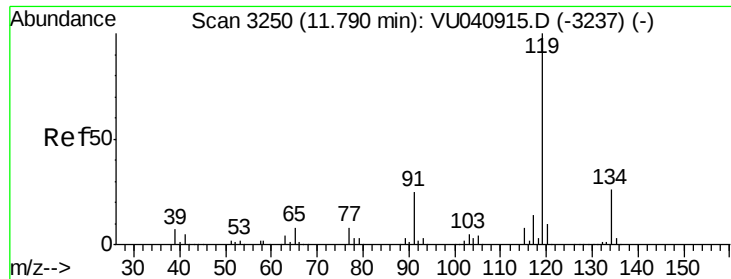


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81
 p-Isopropyltoluene
 Concen: 1.812 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

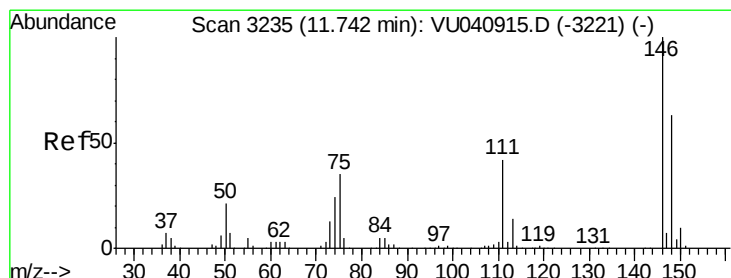
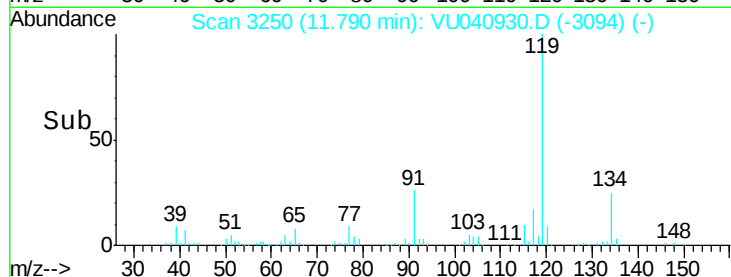
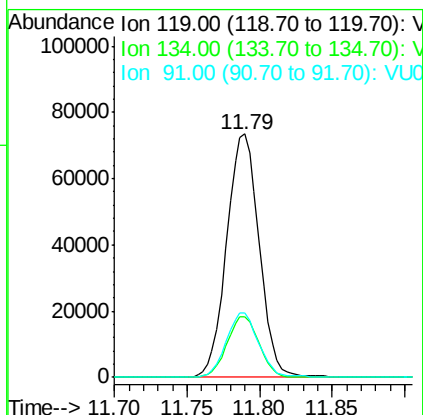
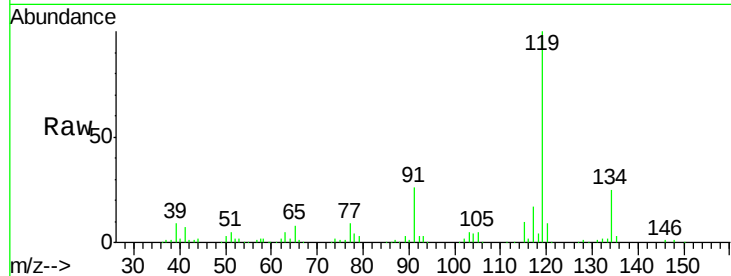
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.8	20.4	30.6
91	26.3	20.4	30.6

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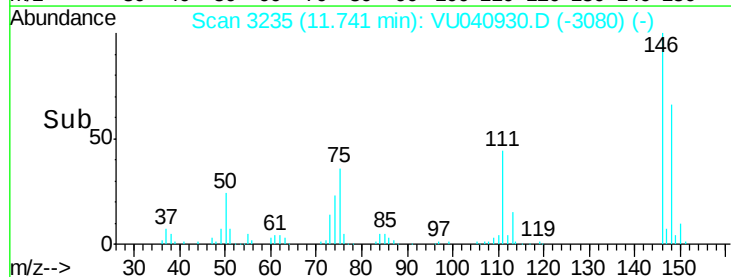
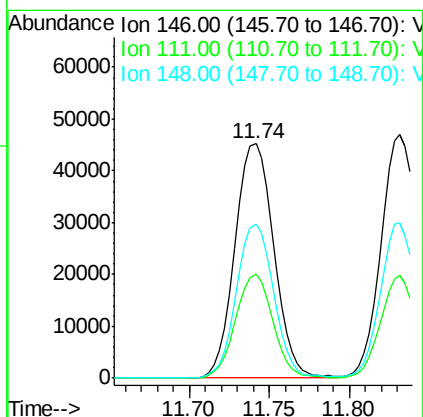
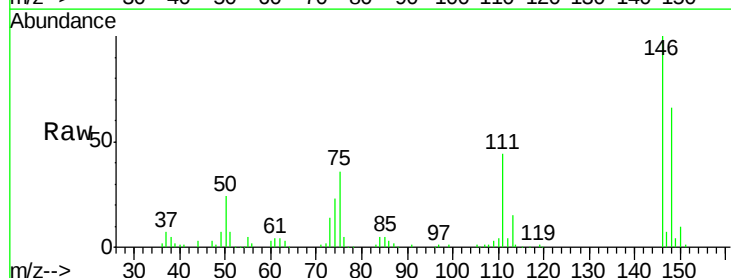
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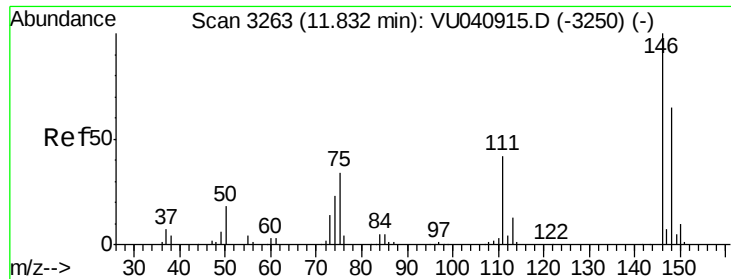
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#82
 1,3-Dichlorobenzene
 Concen: 2.098 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	33.6	50.4
148	62.9	50.1	75.1





#83
 1,4-Dichlorobenzene
 Concen: 2.073 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

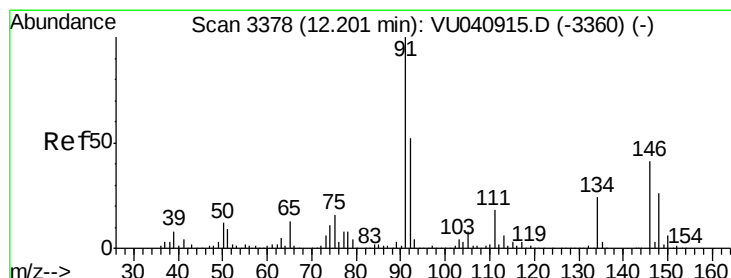
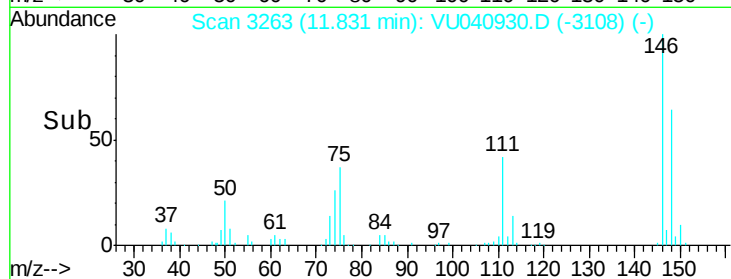
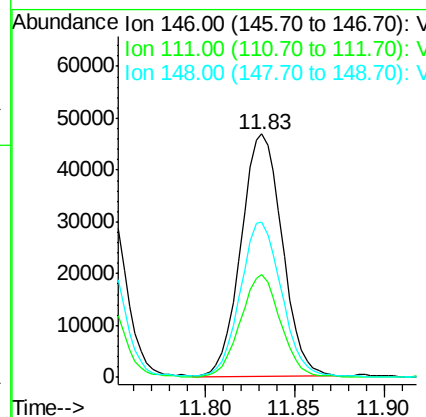
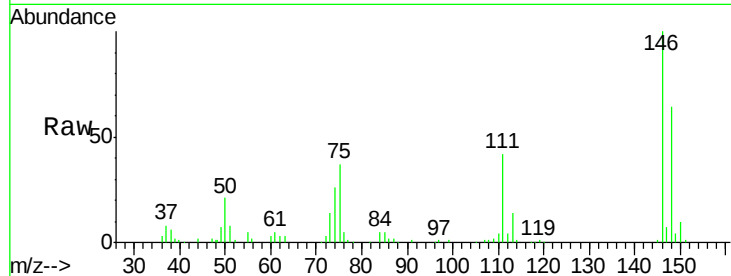
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	33.7	50.5
148	65.2	50.6	75.8

Manual Integrations
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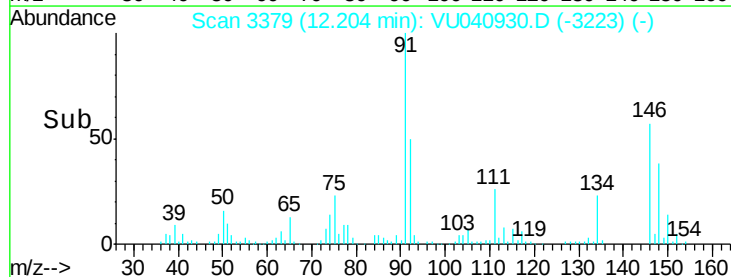
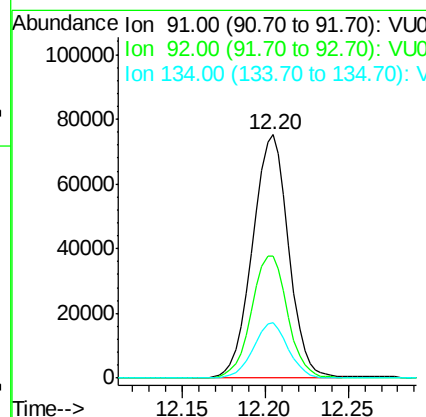
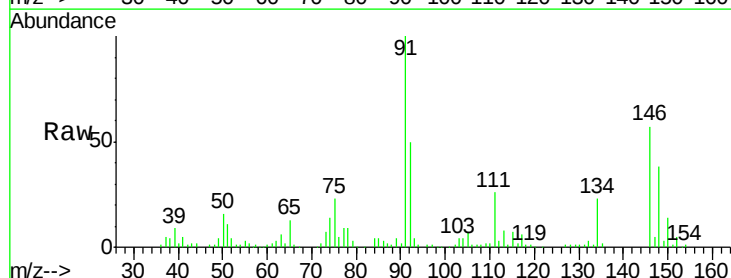
MMDadoda

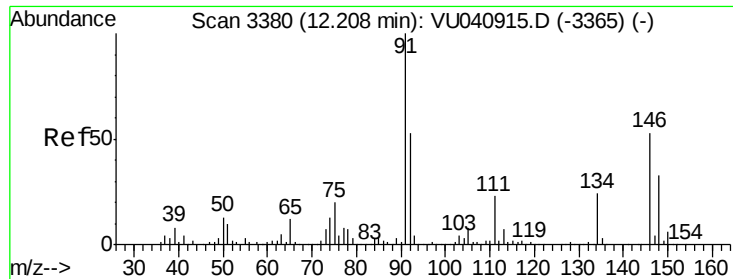
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#84
 n-Butylbenzene
 Concen: 1.842 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.3	41.7	62.5
134	22.0	18.6	28.0





#85
 1,2-Dichlorobenzene
 Concen: 2.028 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

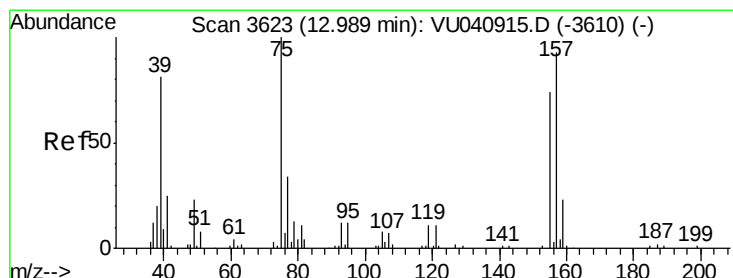
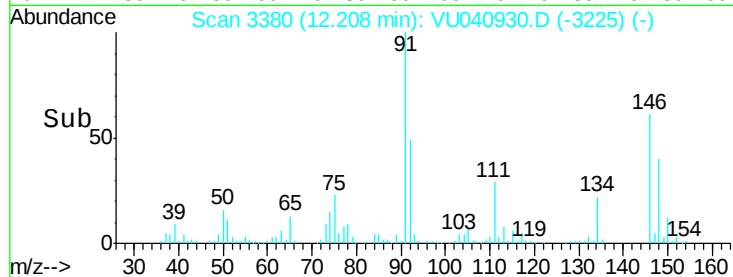
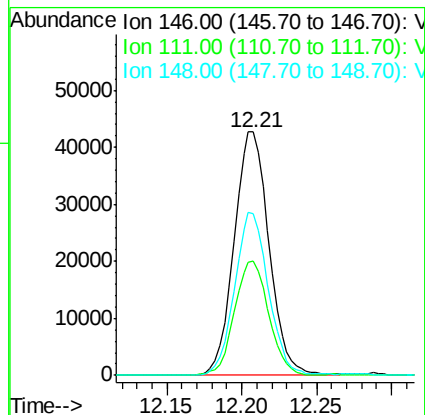
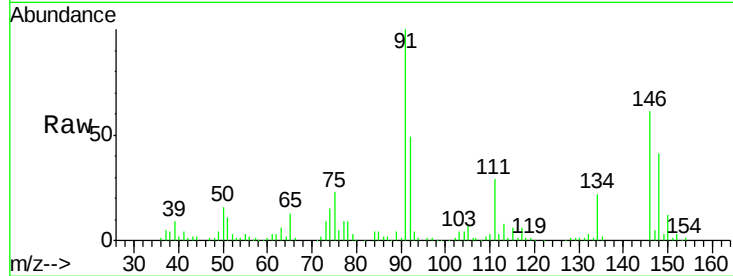
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion:	146	Resp:	69565
Ion Ratio	Lower	Upper	
146	100		
111	46.0	22.3	66.9
148	64.9	31.5	94.5

Manual Integrations
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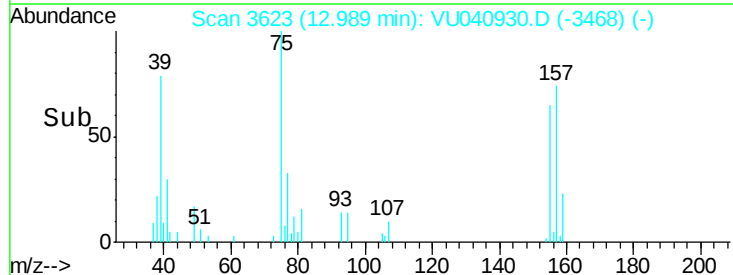
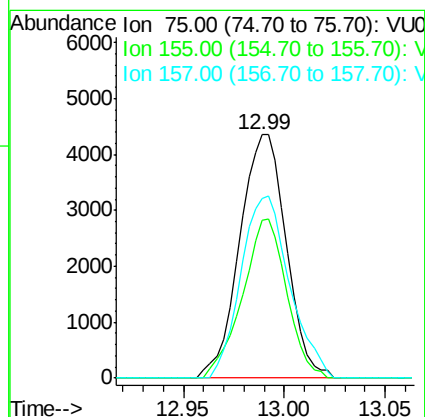
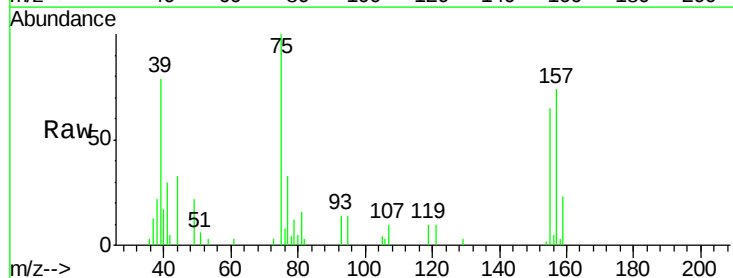
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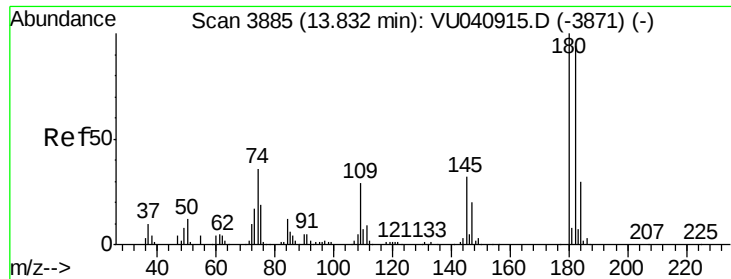
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.972 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion:	75	Resp:	7032
Ion Ratio	Lower	Upper	
75	100		
155	62.0	57.1	85.7
157	77.9	72.4	108.6





#87
 1,2,4-Trichlorobenzene
 Concen: 1.820 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

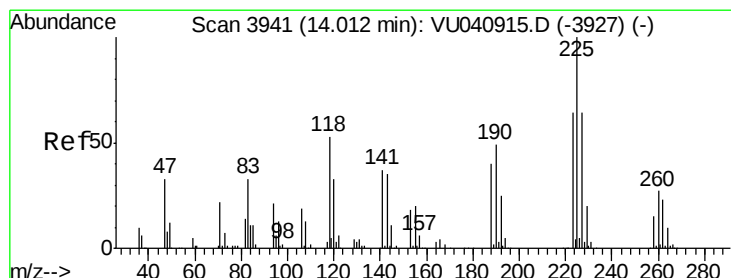
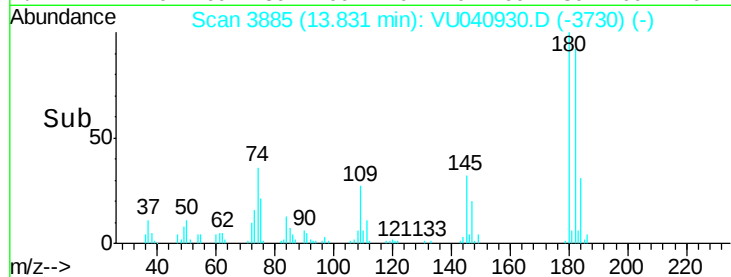
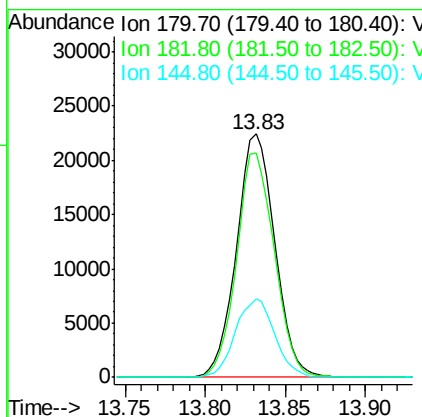
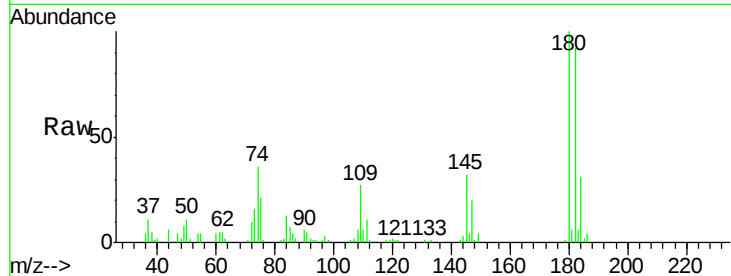
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBS01

Tot Ion:	180	Resp:	36586
Ion Ratio	Lower	Upper	
180	100		
182	90.4	75.4	113.2
145	33.0	25.4	38.0

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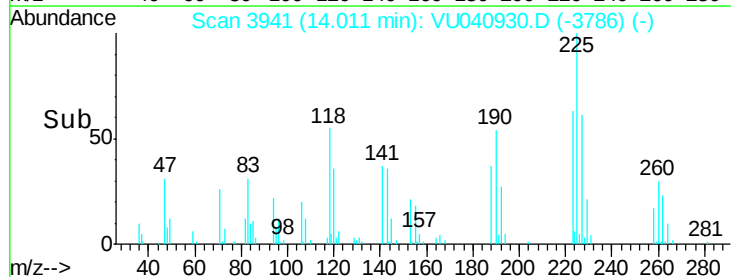
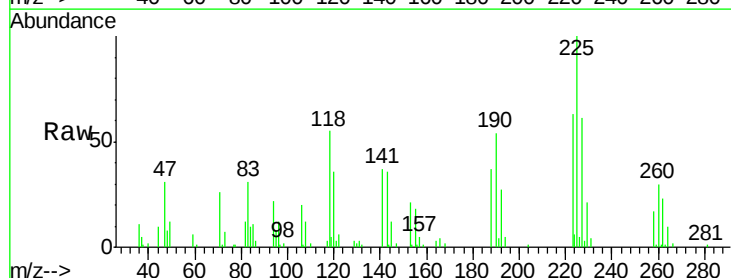
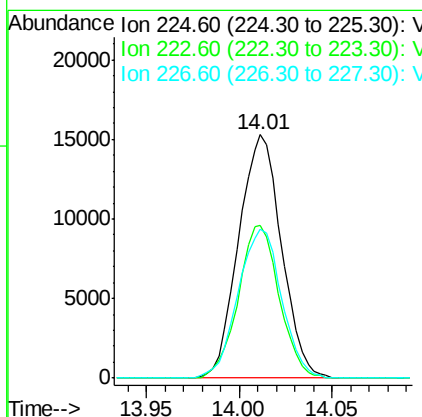
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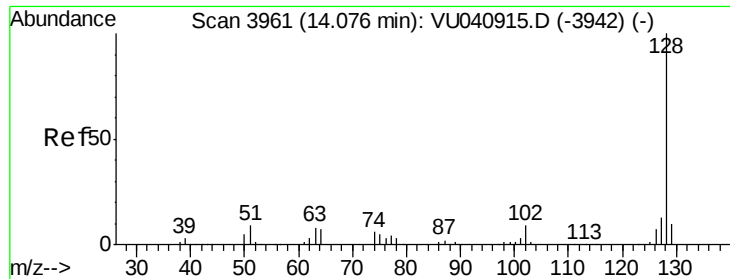
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#88
 Hexachlorobutadiene
 Concen: 2.170 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040930.D
 Acq: 23 Oct 2020 12:04

Tgt Ion:	225	Resp:	24491
Ion Ratio	Lower	Upper	
225	100		
223	59.9	49.9	74.9
227	62.2	51.1	76.7





#89
Naphthalene
Concen: 1.773 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU040930.D
Acq: 23 Oct 2020 12:04

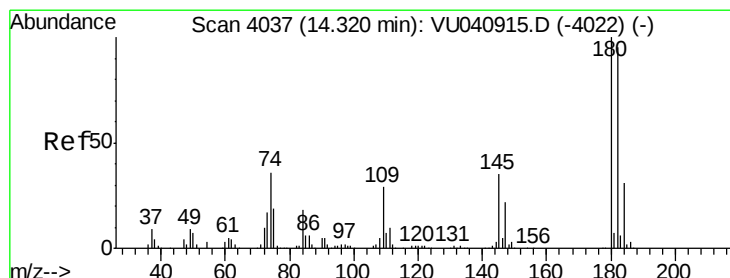
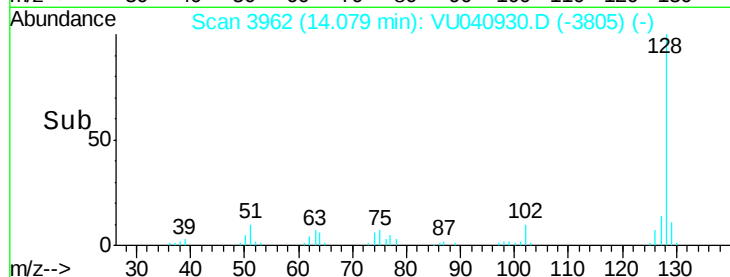
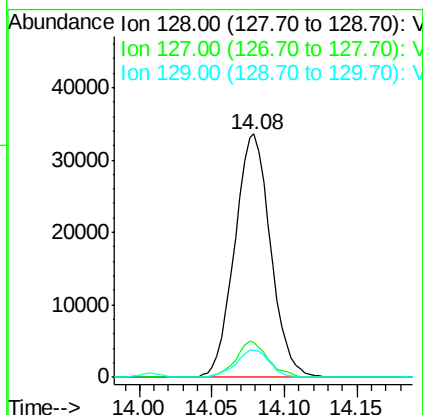
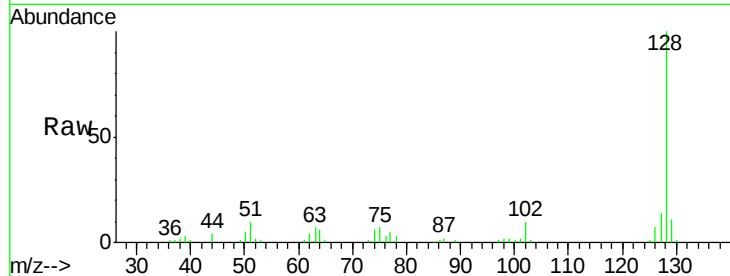
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.5	8.6	13.0

Manual Integrations
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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: VU040930.D
Acq: 23 Oct 2020 12:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.0	114.0
145	33.4	28.0	42.0

