

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102320\
 Data File : VU040931.D
 Acq On : 23 Oct 2020 12:32
 Operator : SY/MD
 Sample : VU1023WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleID :
 VU1023WBSD01

Manual Integrations
 APPROVED

MMDadoda

10/26/2020 4:24:20 PM

Quant Time: Oct 24 06:46:52 2020

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M

Quant Title : METHOD 524.2 VOLATILES DRINKING WATER

QLast Update : Fri Oct 23 07:07:33 2020

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	54507	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	20100	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	20562	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.00%	
Target Compounds						Ovalue
2) Dichlorodifluoromethane	1.39	85	53954	2.122	ug/l	96
3) Chloromethane	1.53	50	55638	2.100	ug/l	96
4) Vinyl Chloride	1.61	62	51861	2.102	ug/l	94
5) Bromomethane	1.87	94	31956	2.204	ug/l	98
6) Chloroethane	1.94	64	31008	2.056	ug/l	99
7) Trichlorofluoromethane	2.15	101	67263	2.158	ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	38833	2.240	ug/l	97
9) 1,1-Dichloroethene	2.59	96	34175	2.264	ug/l	94
10) Iodomethane	2.74	142	34444	2.195	ug/l	98
11) Allyl Chloride	2.94	41	67862	2.183	ug/l	99
12) Acrylonitrile	3.34	53	22620	4.251	ug/l	98
13) Acetone	2.67	43	52060	11.688	ug/l	100
14) Carbon Disulfide	2.81	76	124406	2.193	ug/l	99
15) Methylene Chloride	3.06	84	40246	2.053	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	37818	2.213	ug/l	94
17) 1,1-Dichloroethane	3.89	63	74247	2.125	ug/l	98
18) 2-Butanone	4.75	43	75770	10.516	ug/l	99
19) Cyclohexane	5.40	56	68342m	2.078	ug/l	
20) Methylcyclohexane	6.77	83	45042	1.831	ug/l	93
21) 2,2-Dichloropropane	4.68	77	66787	2.264	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	39480	2.166	ug/l	97
23) Diethyl Ether	2.39	59	33801	2.268	ug/l	96
24) tert-Butyl Alcohol	3.32	59	21022m	12.643	ug/l	
25) Methyl tert-Butyl Ether	3.39	73	98565	2.105	ug/l	100
26) Bromochloromethane	4.99	128	17313	2.185	ug/l	97
27) Chloroform	5.11	83	72087	2.159	ug/l	96
28) 1,1,1-Trichloroethane	5.33	97	61866	2.149	ug/l	97
29) 1,1-Dichloropropene	5.54	75	51315	2.034	ug/l	97
30) Carbon Tetrachloride	5.54	117	56943	2.185	ug/l	98
31) Isopropyl Ether	4.02	45	113884	2.108	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	99088	2.082	ug/l	99
33) Tert-Amyl methyl ether	5.97	73	66948	1.889	ug/l	98
34) Propionitrile	4.84	54	20123	10.172	ug/l #	74
35) Benzene	5.79	78	144966	2.073	ug/l	98
36) 1,2-Dichloroethane	5.81	62	56908	2.195	ug/l	99
37) Trichloroethene	6.55	130	35500	2.148	ug/l	98
38) 1,2-Dichloropropane	6.81	63	42272	2.131	ug/l	100
39) Methacrylonitrile	5.01	41	19712	2.125	ug/l	97
40) Methyl acrylate	4.87	55	28470	2.239	ug/l #	94
41) Tetrahydrofuran	5.10	42	20280	4.251	ug/l #	79
42) 1-Chlorobutane	5.47	56	81164	2.128	ug/l	100

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Instrument :
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 ClientSampleId :
 VU1023WBSD01

Manual Integrations
 APPROVED

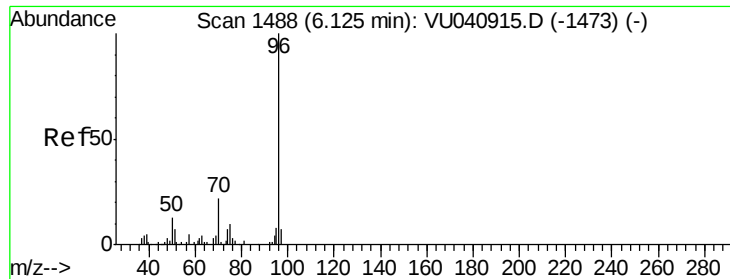
MMDadoda

10/26/2020 4:24:20 PM

Quant Time: Oct 24 06:46:52 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	22825	2.053	ug/l	98
44) Bromodichloromethane	7.12	83	54753	2.121	ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	136295	9.337	ug/l	97
46) t-1,4-Dichloro-2-butene	10.83	75	19139m	3.316	ug/l	
47) Methyl methacrylate	6.98	69	35474	3.821	ug/l	97
48) Ethyl methacrylate	8.34	69	27807	1.781	ug/l	96
49) Toluene	7.98	92	76076	1.978	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	45678	2.047	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	46553	1.904	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	29912	2.128	ug/l	95
53) 1,3-Dichloropropane	8.58	76	51772	2.051	ug/l	100
54) 2-Hexanone	8.70	43	99173	9.725	ug/l	95
55) Dibromochloromethane	8.82	129	36693	2.177	ug/l	97
56) 1,2-Dibromoethane	8.93	107	27581	2.116	ug/l	99
58) Tetrachloroethene	8.56	164	31295	2.025	ug/l	99
59) Chlorobenzene	9.45	112	79907	1.963	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	34279	2.143	ug/l	98
61) Pentachloroethane	11.42	117	27343	2.116	ug/l	100
62) Hexachloroethane	12.47	117	28142	2.140	ug/l	98
63) Ethyl Benzene	9.57	91	123456	1.831	ug/l	98
64) m/p-Xylenes	9.70	106	96018	3.580	ug/l	98
65) o-Xylene	10.10	106	43905	1.854	ug/l	96
66) Styrene	10.11	104	78116	1.805	ug/l	96
67) Bromoform	10.29	173	18404	2.017	ug/l	96
69) Isopropylbenzene	10.48	105	116628	1.847	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	41561	2.173	ug/l	97
71) 1,2,3-Trichloropropane	10.83	75	32050m	2.198	ug/l	
72) Bromobenzene	10.78	156	33014	2.005	ug/l	97
73) n-propylbenzene	10.91	120	32763	1.757	ug/l	89
74) 2-Chlorotoluene	10.99	126	33062	2.018	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	109717	1.866	ug/l	96
76) 4-Chlorotoluene	11.10	126	36447	2.146	ug/l	99
77) tert-Butylbenzene	11.42	119	103449	1.938	ug/l	97
78) 1,2,4-Trimethylbenzene	11.47	105	110488	1.823	ug/l	96
79) sec-Butylbenzene	11.64	105	146845	1.982	ug/l	98
80) Nitrobenzene	13.20	77	9693	10.715	ug/l #	93
81) p-Isopropyltoluene	11.79	119	118427	1.884	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	77723	2.164	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	78822	2.170	ug/l	98
84) n-Butylbenzene	12.20	91	121866	1.965	ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	72984	2.124	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	7466	2.091	ug/l	90
87) 1,2,4-Trichlorobenzene	13.83	180	36176	1.797	ug/l	97
88) Hexachlorobutadiene	14.01	225	24314	2.151	ug/l	98
89) Naphthalene	14.08	128	63081	1.871	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	36939	1.885	ug/l	98

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

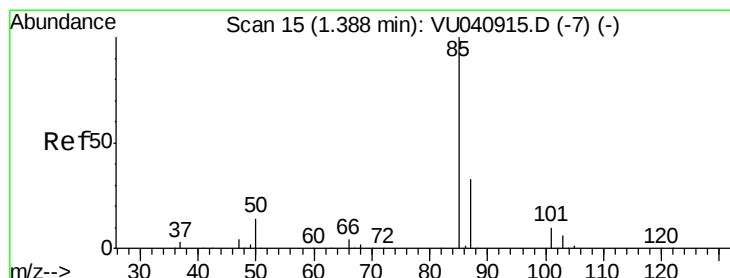
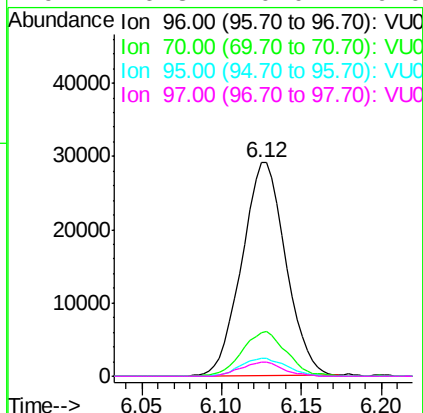
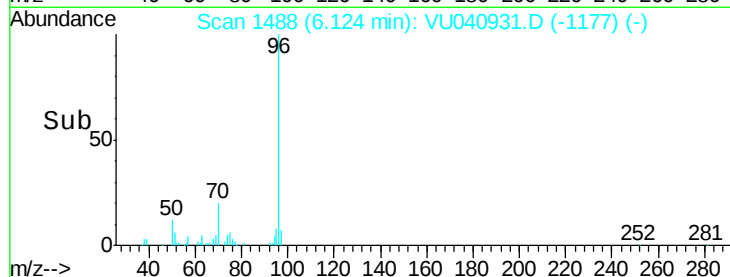
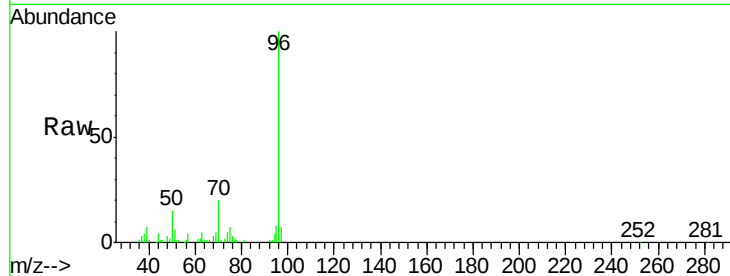
VU1023WBSD01

Tot Ion:	96	Resp:	54507
Ion Ratio	Lower	Upper	
96	100		
70	21.3	16.3	24.5
95	8.8	7.3	10.9
97	6.3	0.0	0.0#

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 2.122 ug/l

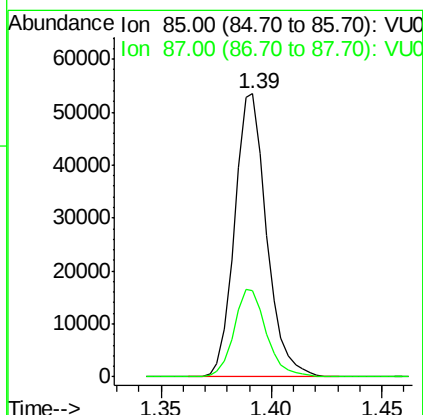
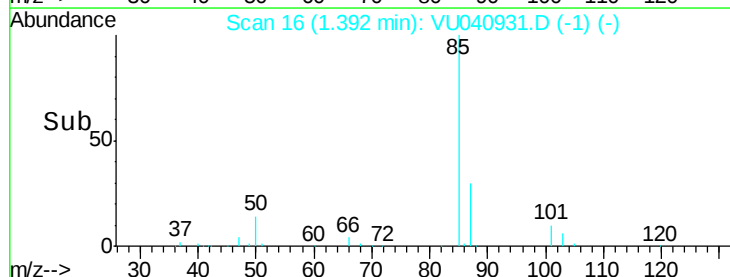
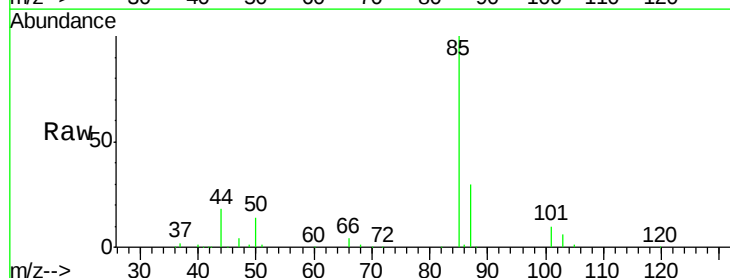
RT: 1.39 min Scan# 16

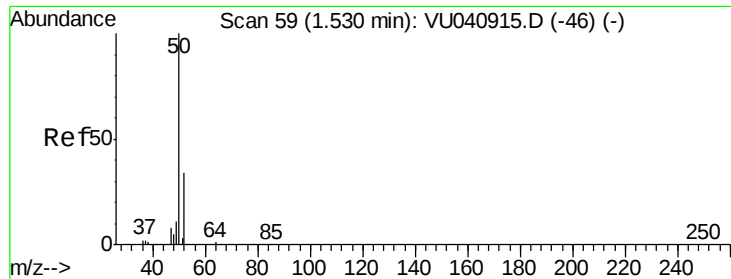
Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Tgt Ion:	85	Resp:	53954
Ion Ratio	Lower	Upper	
85	100		
87	30.5	16.5	49.5





#3

Chloromethane

Concen: 2.100 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion: 50 Resp: 55638

Ion Ratio Lower Upper

50 100

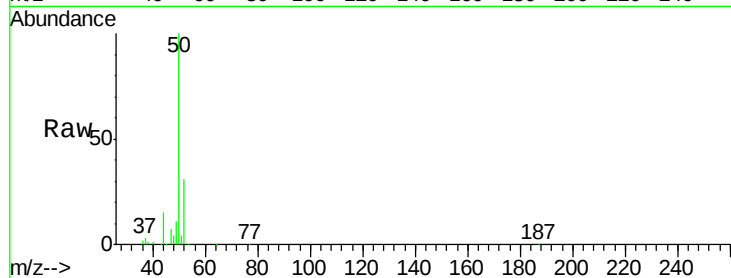
52 31.3 26.9 40.3

Manual Integrations

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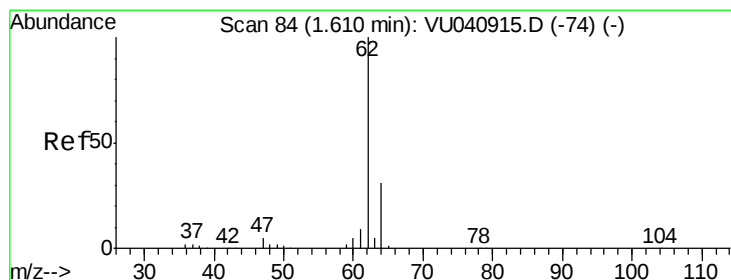
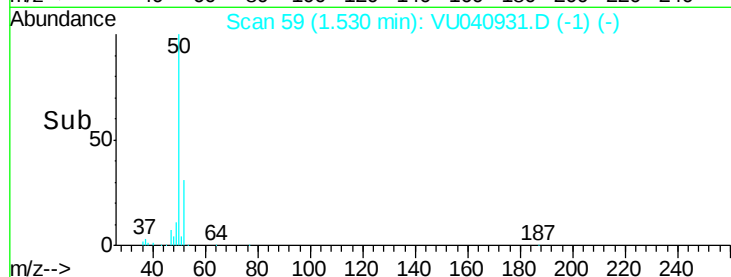
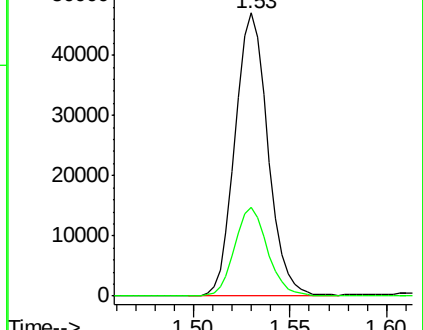
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Abundance Ion 50.00 (49.70 to 50.70): VU040931.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU040931.D (-1) (-)



#4

Vinyl Chloride

Concen: 2.102 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040931.D

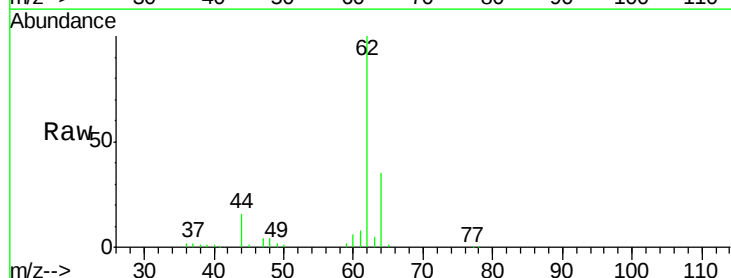
Acq: 23 Oct 2020 12:32

Tgt Ion: 62 Resp: 51861

Ion Ratio Lower Upper

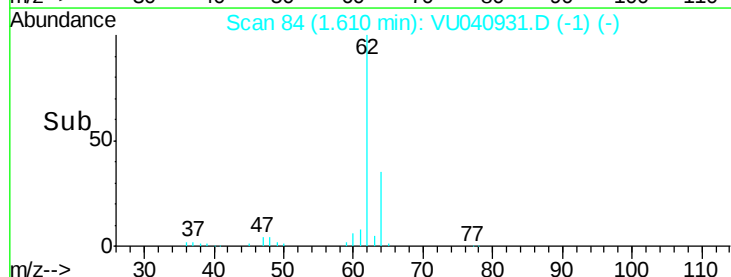
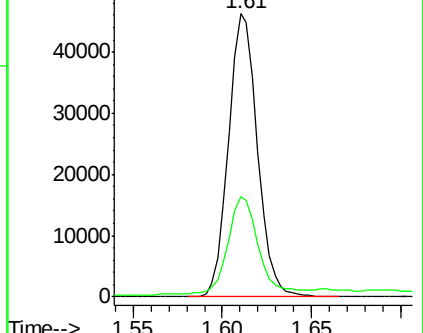
62 100

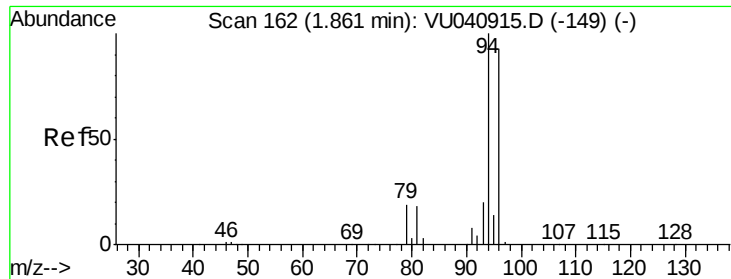
64 34.3 24.7 37.1



Abundance Ion 62.00 (61.70 to 62.70): VU040931.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU040931.D (-1) (-)





#5

Bromomethane

Concen: 2.204 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion: 94 Resp: 31956

Ion Ratio Lower Upper

94 100

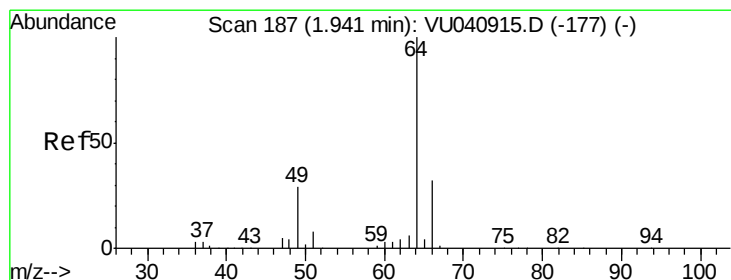
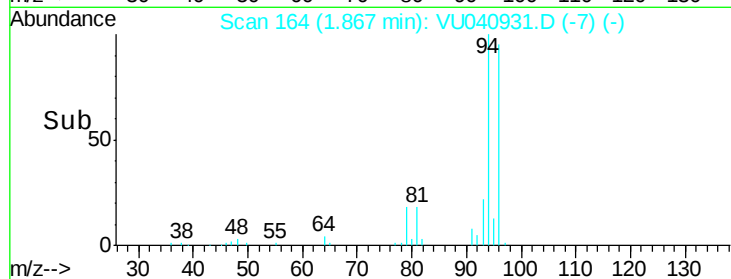
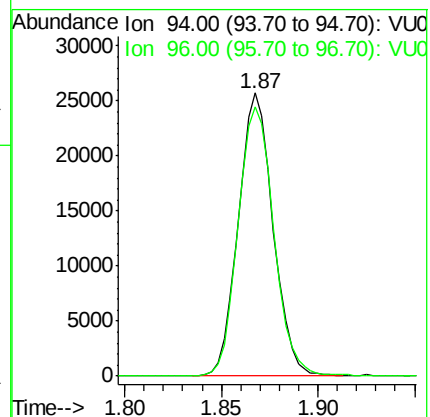
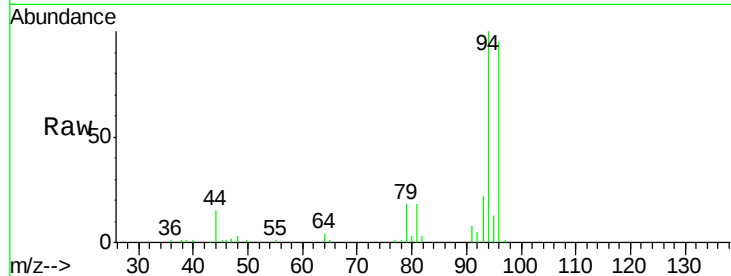
96 95.4 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 2.056 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040931.D

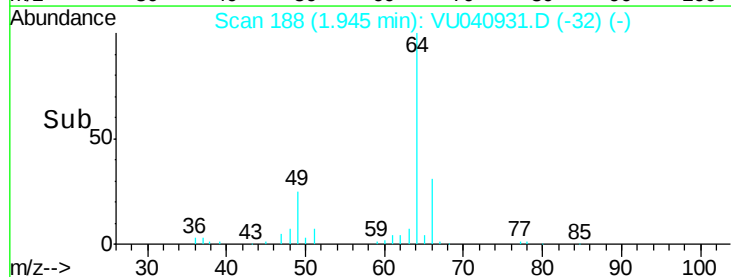
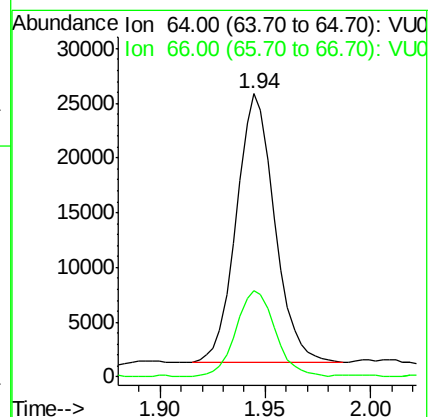
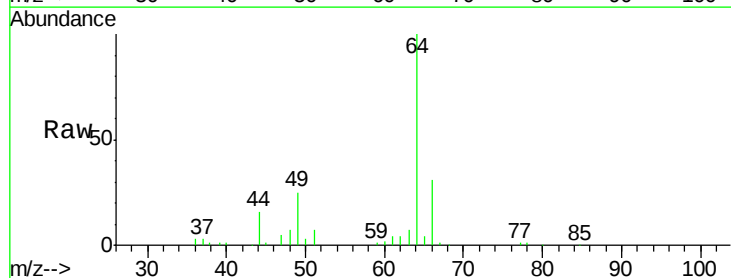
Acq: 23 Oct 2020 12:32

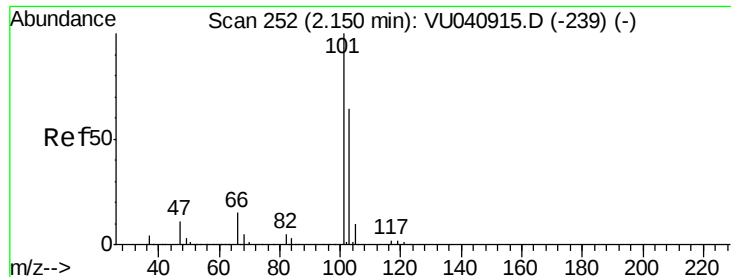
Tgt Ion: 64 Resp: 31008

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.2





#7

Trichlorofluoromethane
Concen: 2.158 ug/l
RT: 2.15 min Scan# 252
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

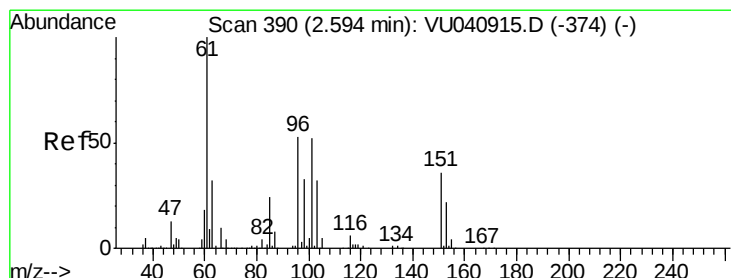
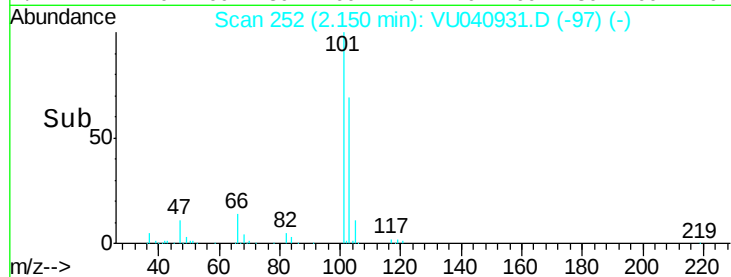
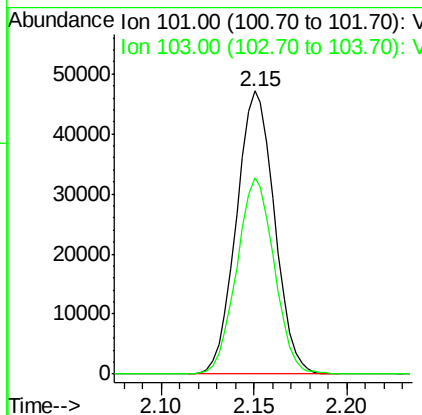
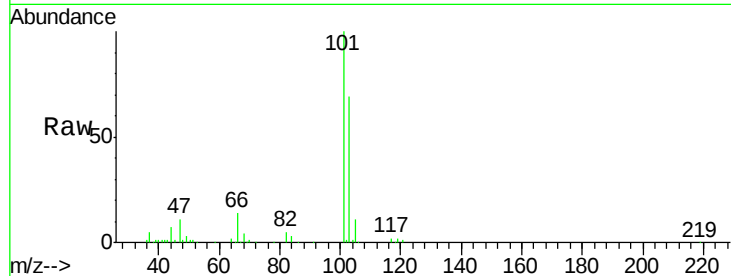
Instrument :
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VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.5	51.5	77.3

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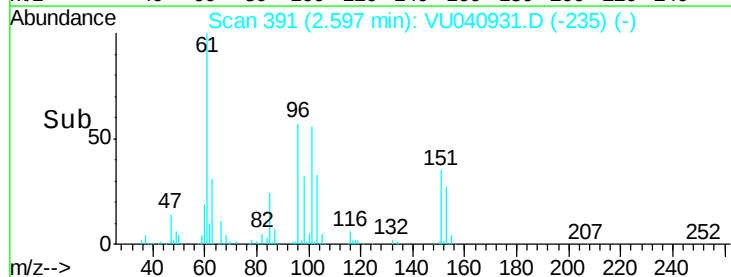
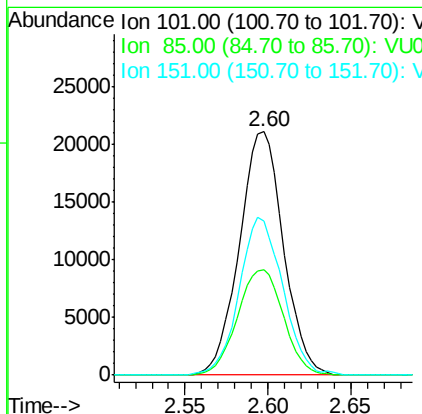
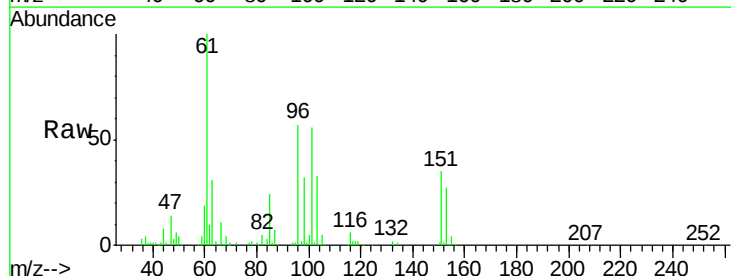
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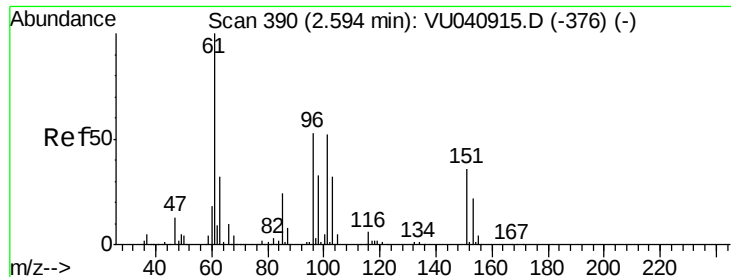


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.240 ug/l
RT: 2.60 min Scan# 391
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.1	36.2	54.2
151	64.3	55.1	82.7





#9

1,1-Dichloroethene

Concen: 2.264 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampled :

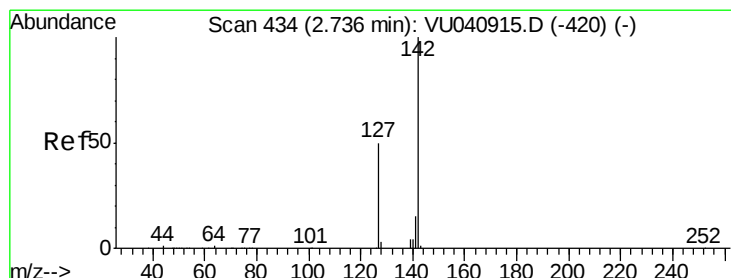
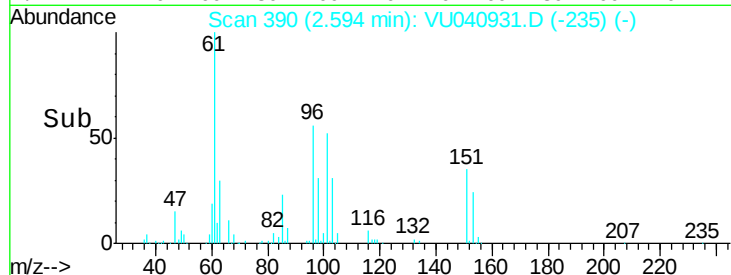
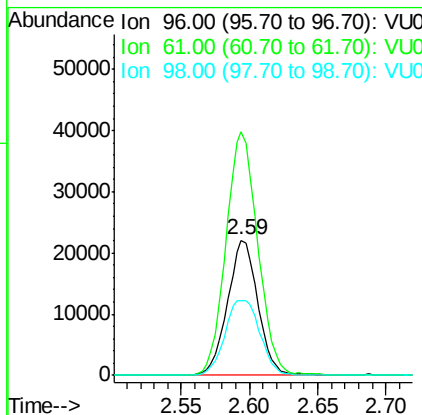
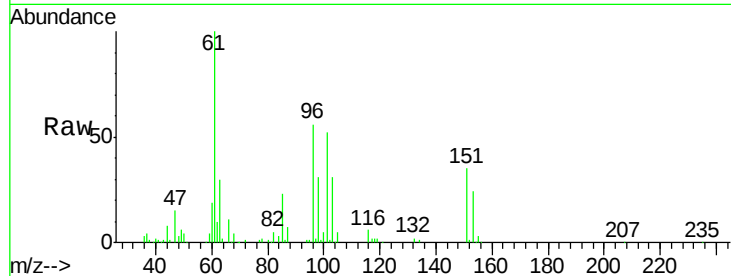
VU1023WBSD01

Tot Ion:	96	Resp:	34175
Ion	Ratio	Lower	Upper
96	100		
61	179.8	0.0	561.9
98	55.5	0.0	125.0

Manual Integrations
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#10

Iodomethane

Concen: 2.195 ug/l

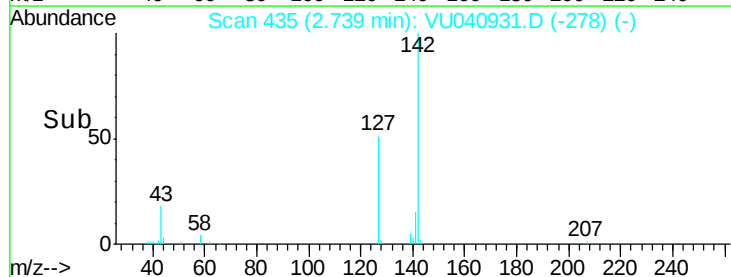
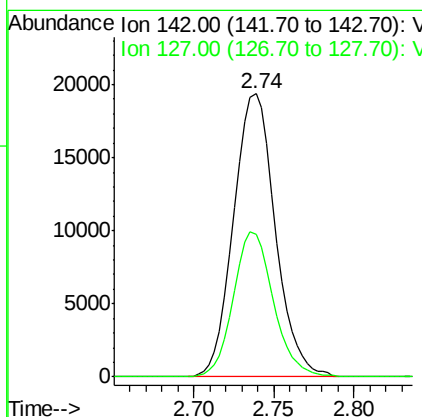
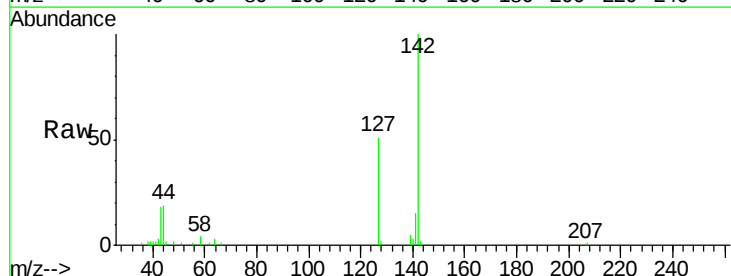
RT: 2.74 min Scan# 435

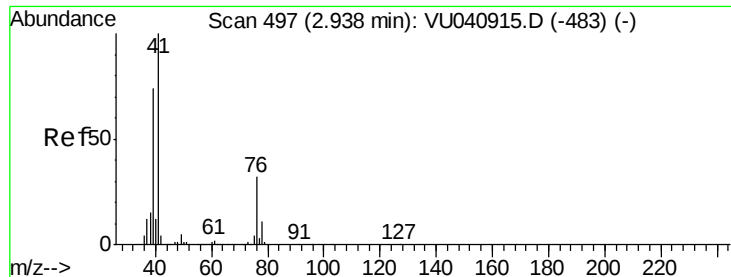
Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Tgt Ion:	142	Resp:	34444
Ion	Ratio	Lower	Upper
142	100		
127	49.1	40.6	60.8





#11
Allvl Chloride
Concen: 2.183 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

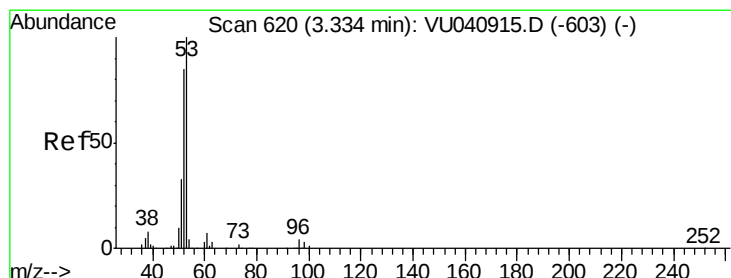
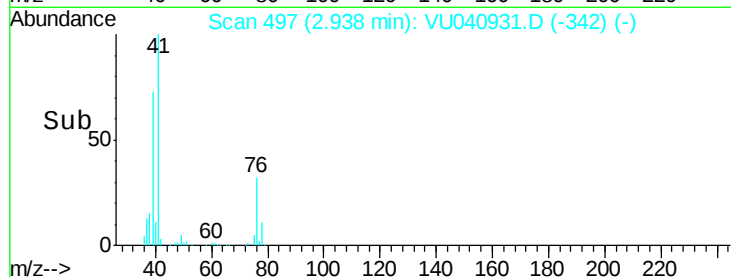
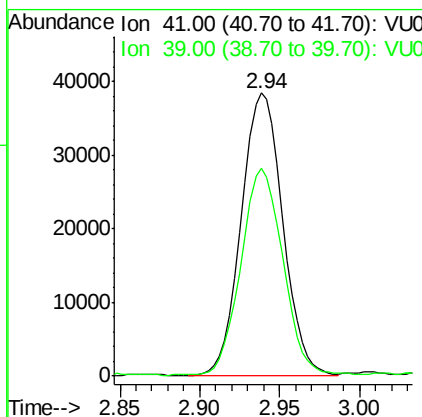
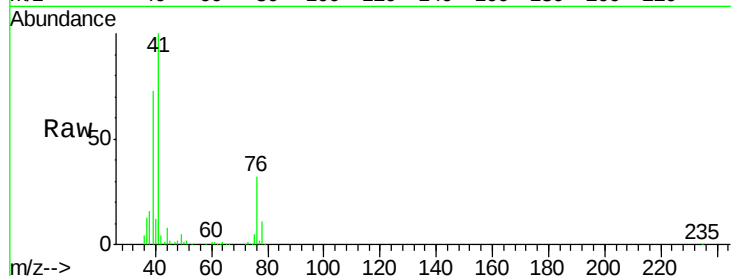
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.4	59.0	88.4

Manual Integrations
APPROVED

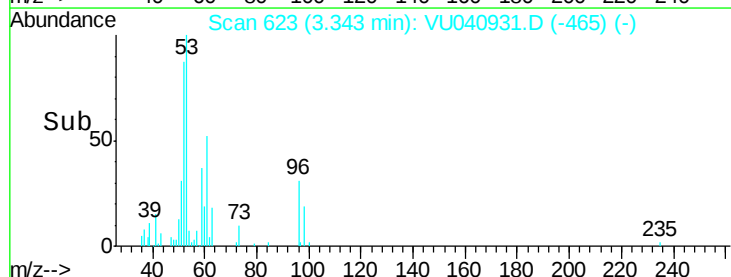
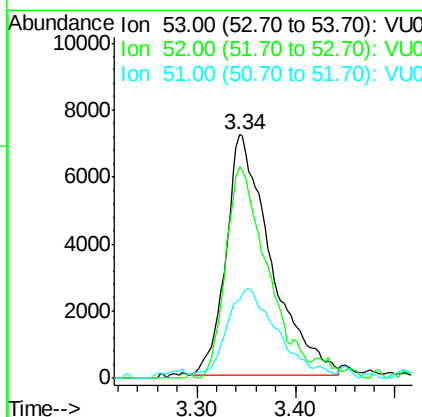
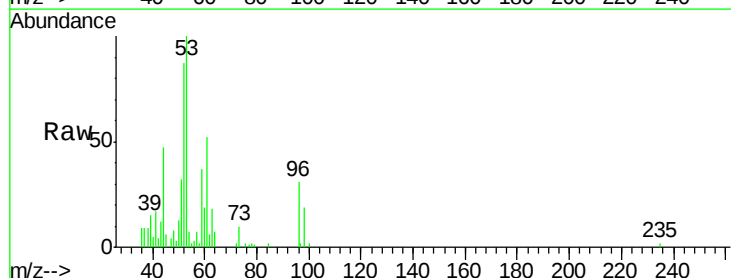
MMDadoda

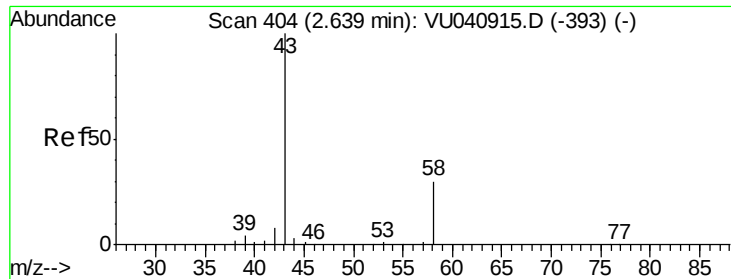
10/26/2020 4:24:20 PM



#12
Acrylonitrile
Concen: 4.251 ug/l
RT: 3.34 min Scan# 623
Delta R.T. 0.01 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.6	63.1	94.7
51	37.9	30.6	46.0





#13
Acetone
Concen: 11.688 ug/l
RT: 2.67 min Scan# 414
Delta R.T. 0.03 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

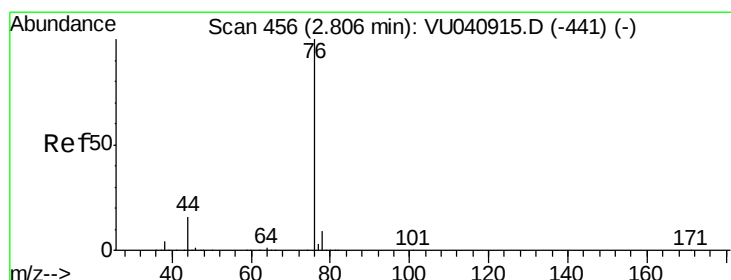
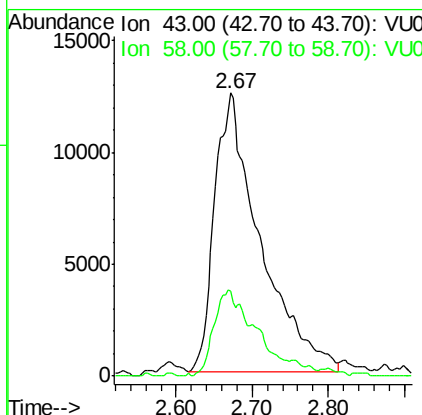
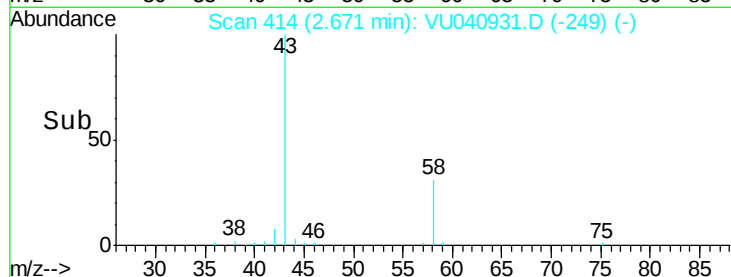
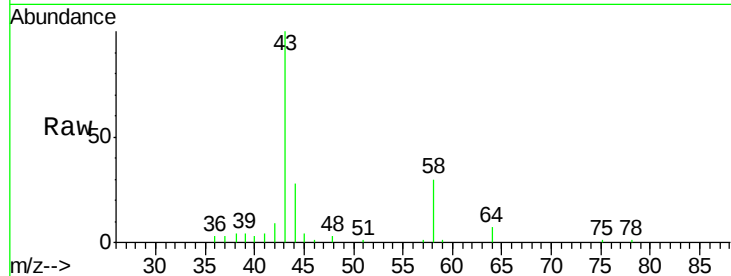
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion: 43 Resp: 52060
Ion Ratio Lower Upper
43 100
58 29.4 23.6 35.4

Manual Integrations
APPROVED

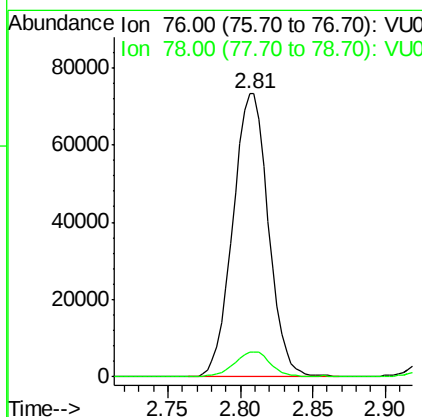
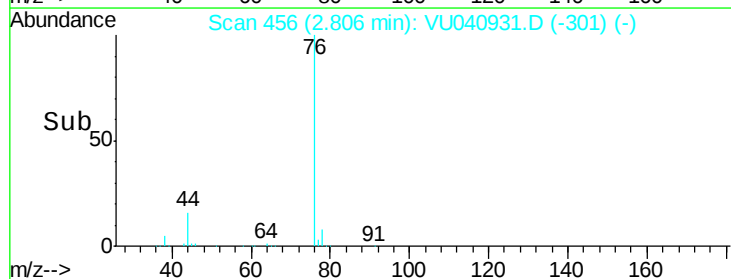
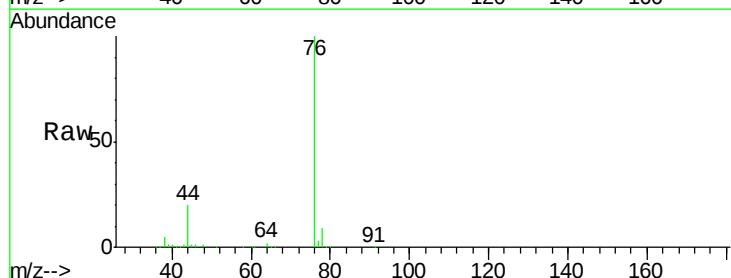
MMDadoda

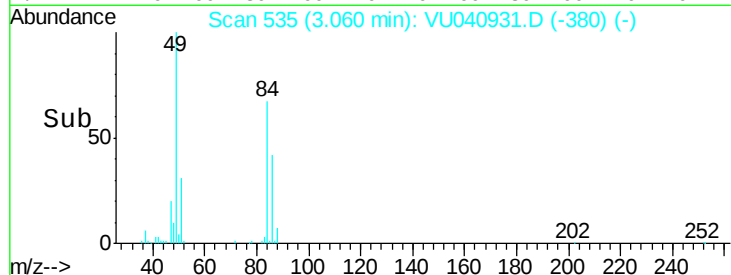
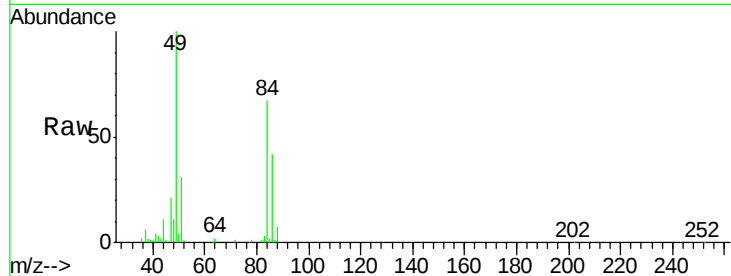
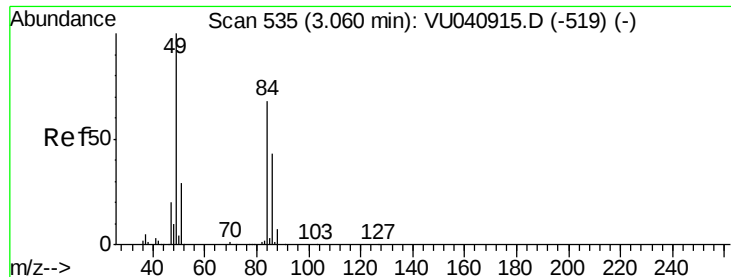
10/26/2020 4:24:20 PM



#14
Carbon Disulfide
Concen: 2.193 ug/l
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

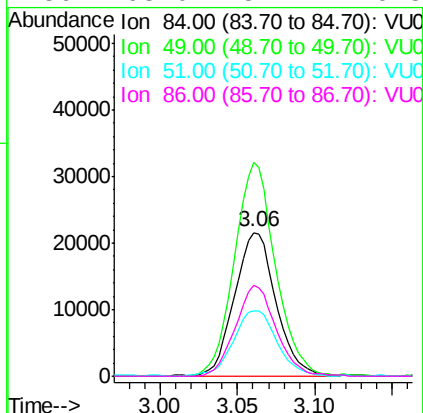
Tgt Ion: 76 Resp: 124406
Ion Ratio Lower Upper
76 100
78 8.6 7.1 10.7





#15
Methvlene Chloride
Concen: 2.053 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	148.5	118.2	177.4	
51	45.7	0.0	86.8	
86	63.0	51.2	76.8	

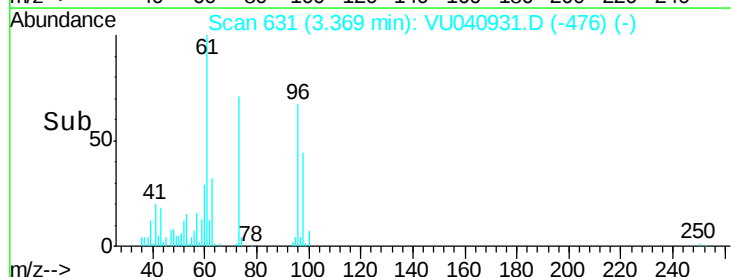
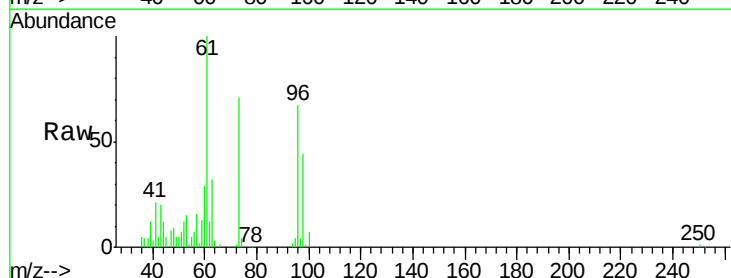
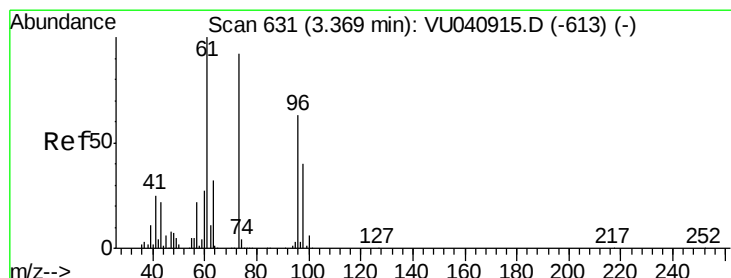


Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Manual Integrations
APPROVED

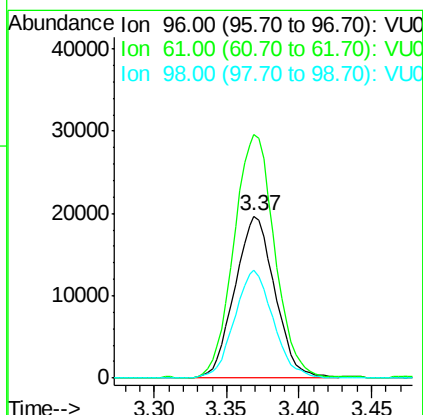
MMDadoda

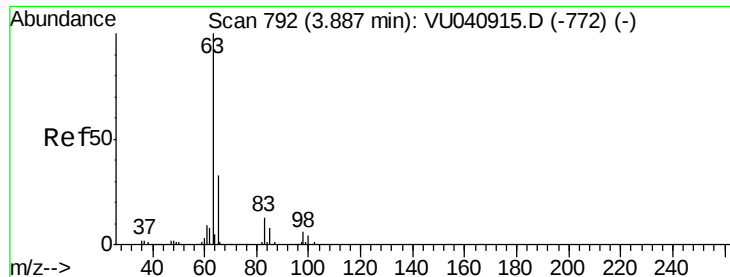
10/26/2020 4:24:20 PM



#16
trans-1,2-Dichloroethene
Concen: 2.213 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	150.4	127.0	190.4	
98	66.8	51.2	76.8	





#17
 1,1-Dichloroethane
 Concen: 2.125 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

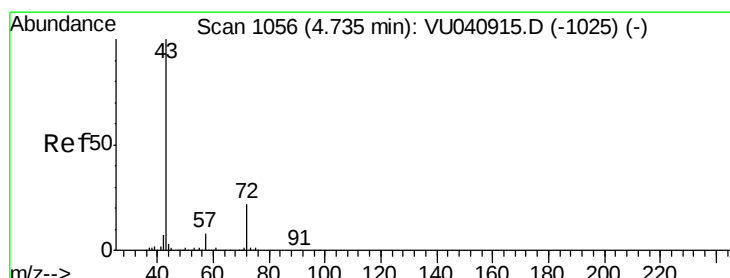
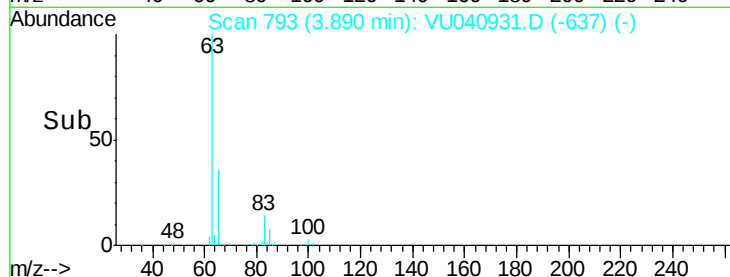
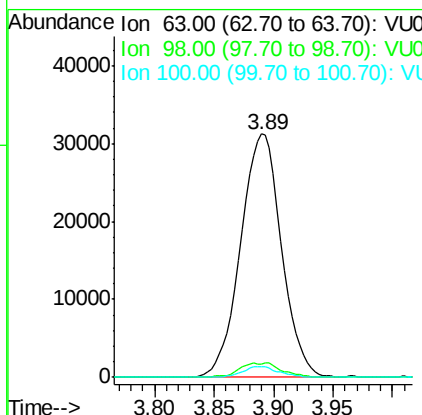
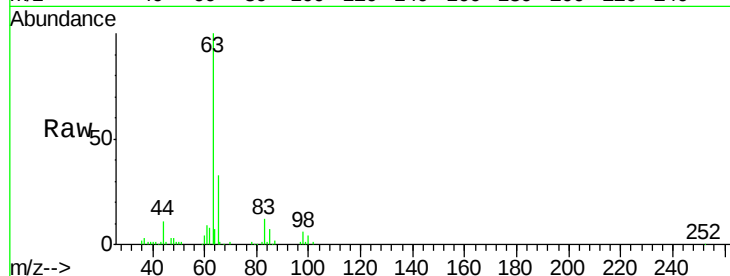
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion:	63	Resp:	74247
Ion Ratio	Lower	Upper	
63	100		
98	5.6	3.0	9.2
100	4.2	1.8	5.5

Manual Integrations
 APPROVED

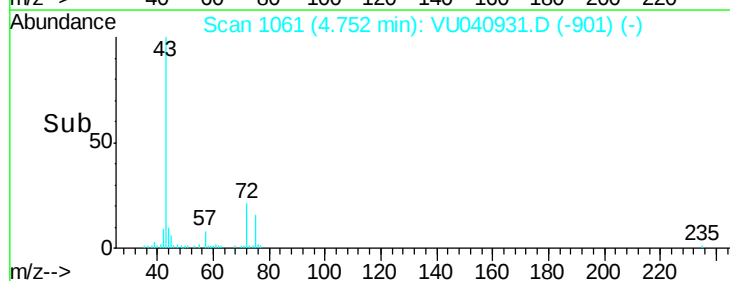
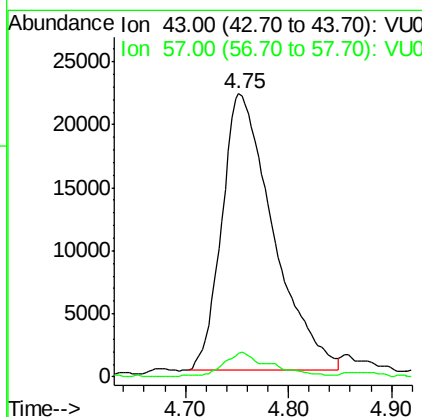
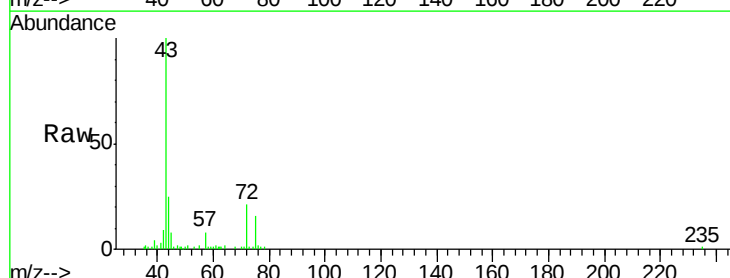
MMDadoda

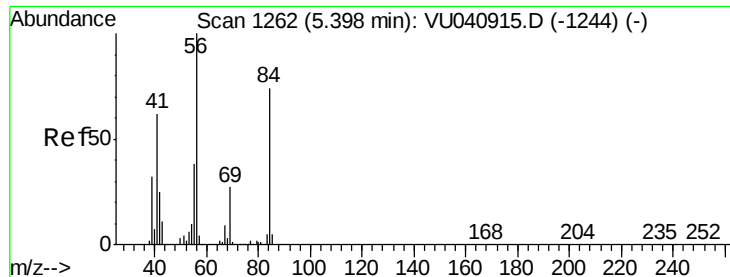
10/26/2020 4:24:20 PM



#18
 2-Butanone
 Concen: 10.516 ug/l
 RT: 4.75 min Scan# 1061
 Delta R.T. 0.02 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion:	43	Resp:	75770
Ion Ratio	Lower	Upper	
43	100		
57	8.0	0.0	15.2





#19
Cyclohexane
Concen: 2.078 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

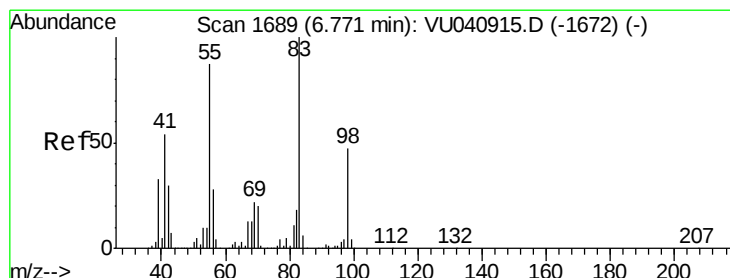
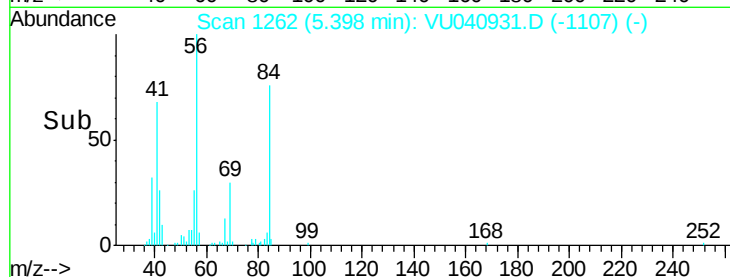
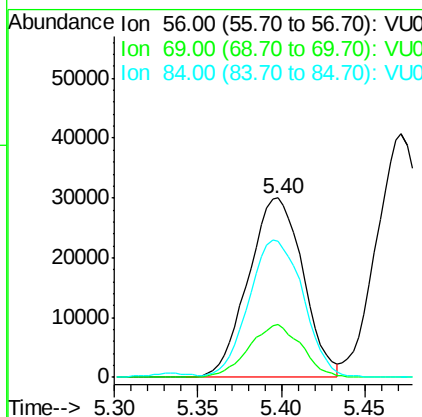
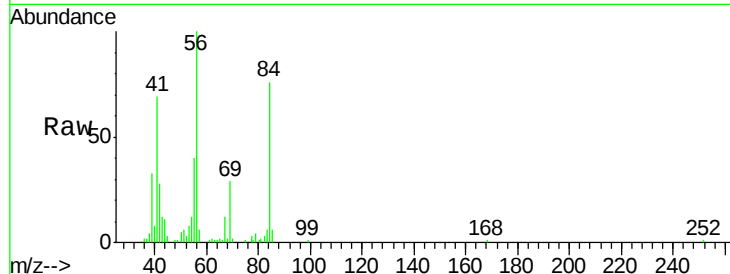
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.4	22.2	33.2
84	74.7	60.1	90.1

Manual Integrations
APPROVED

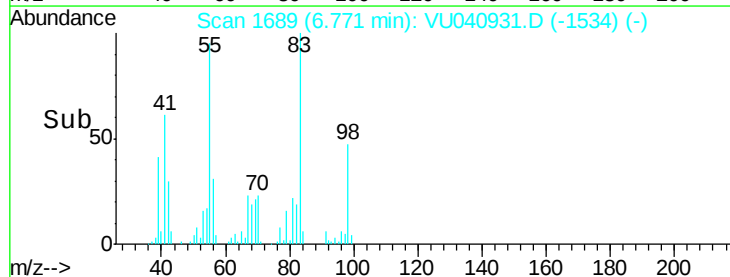
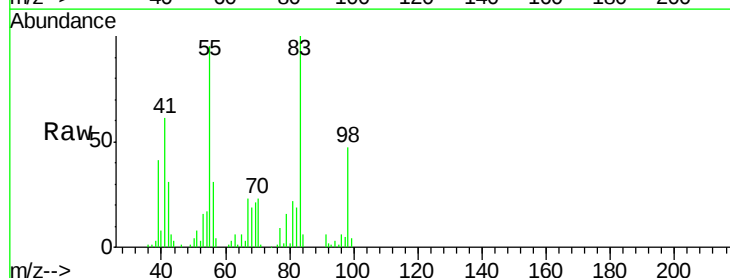
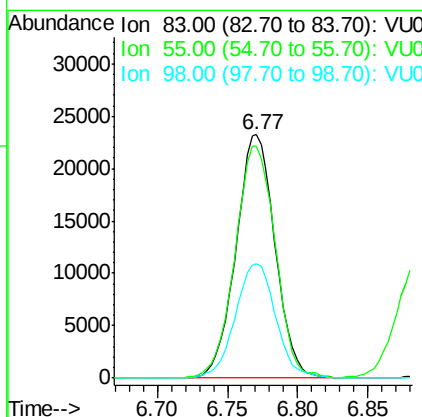
MMDadoda

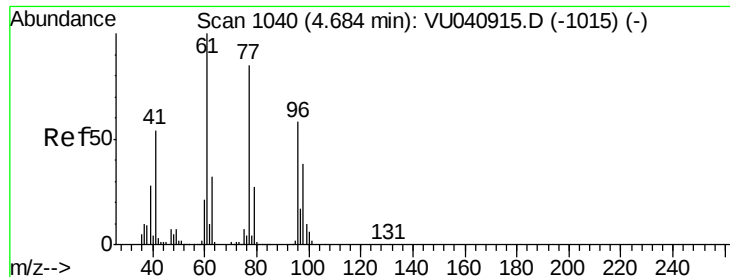
10/26/2020 4:24:20 PM



#20
Methylcyclohexane
Concen: 1.831 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
83	100		
55	98.4	71.0	106.4
98	48.6	38.1	57.1





#21

2,2-Dichloropropane

Concen: 2.264 ug/l

RT: 4.68 min Scan# 1040

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion: 77 Resp: 66787

Ion Ratio Lower Upper

77 100

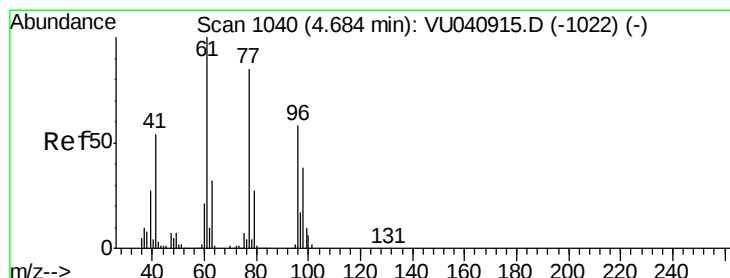
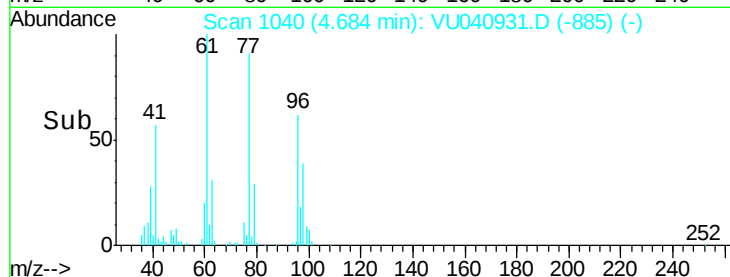
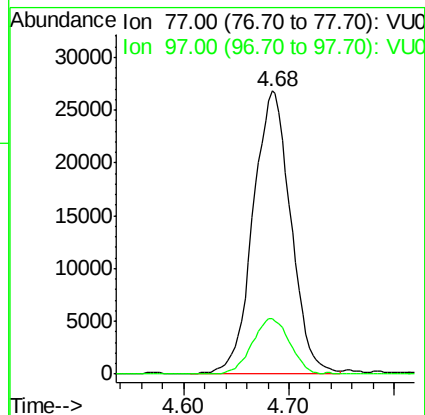
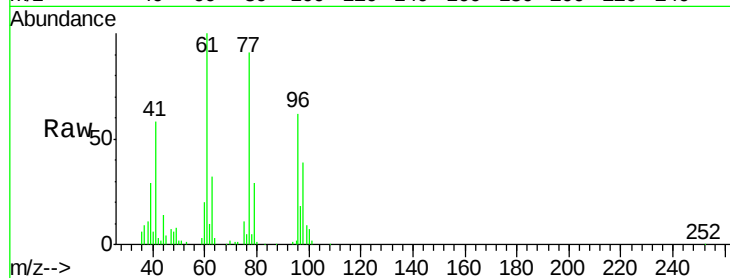
97 19.4 16.0 24.0

Manual Integrations

APPROVED

MMDadoda

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#22

cis-1,2-Dichloroethene

Concen: 2.166 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

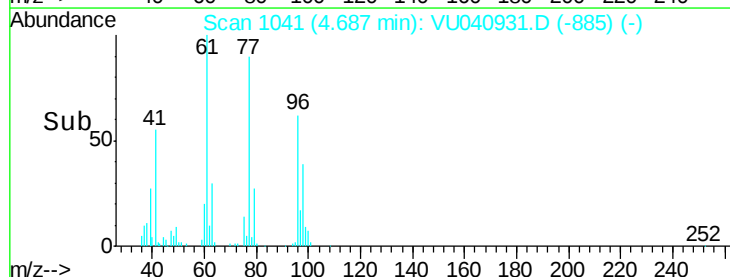
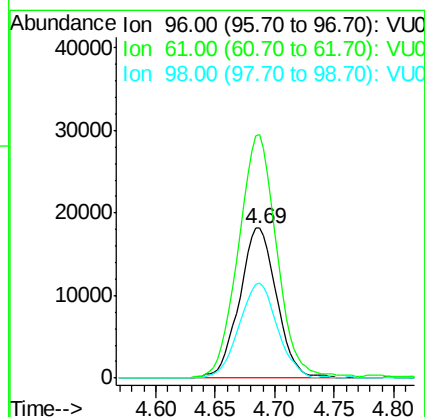
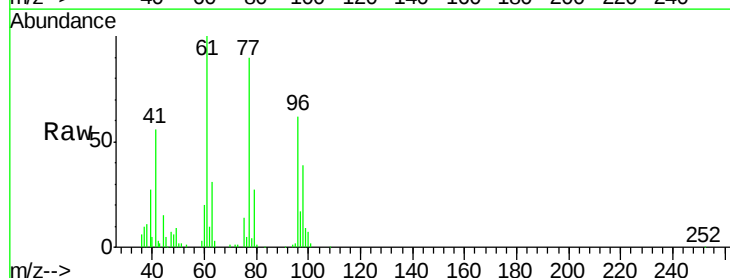
Tgt Ion: 96 Resp: 39480

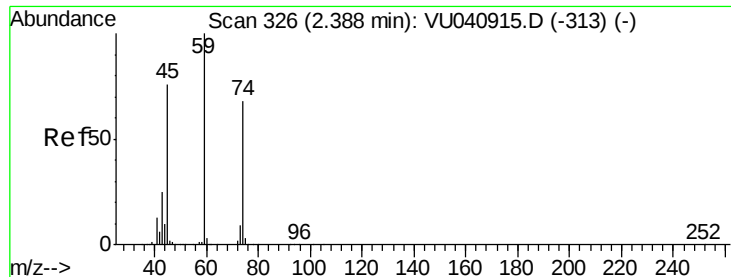
Ion Ratio Lower Upper

96 100

61 167.4 0.0 434.5

98 64.8 32.6 97.8





#23
Diethyl Ether
Concen: 2.268 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

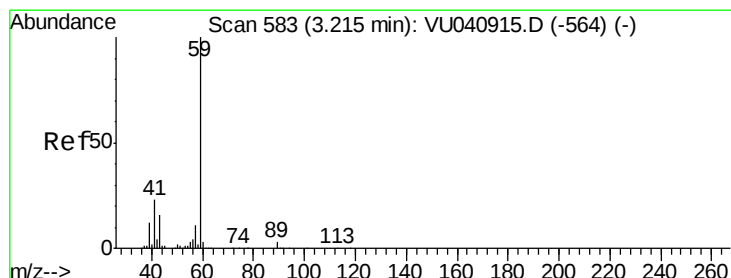
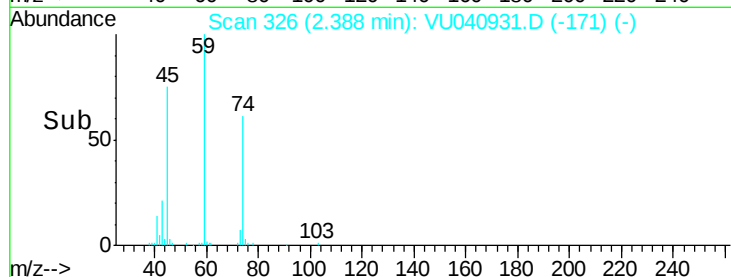
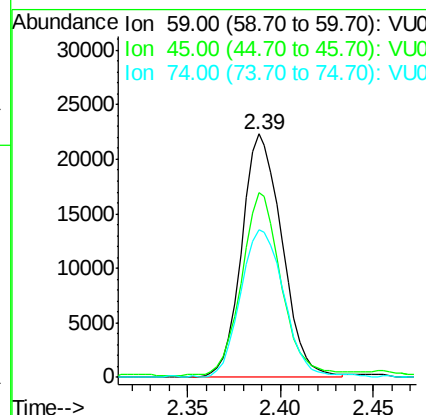
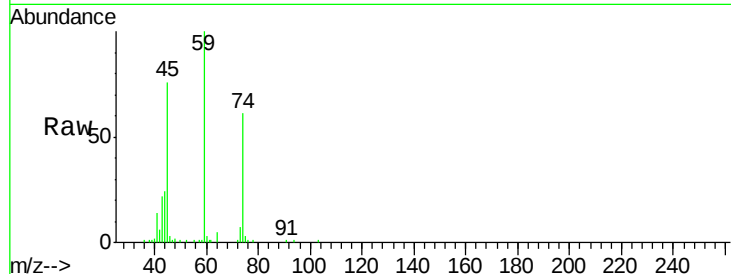
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
45	73.2	61.4	92.2
74	65.6	55.0	82.4

Manual Integrations
APPROVED

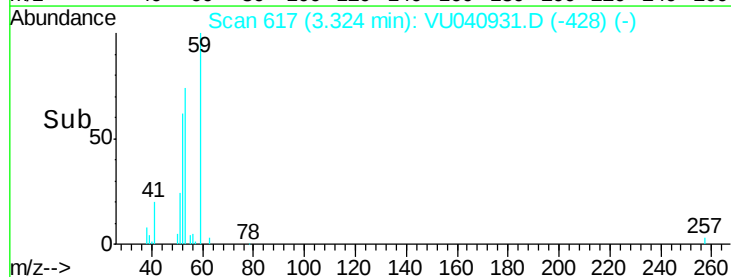
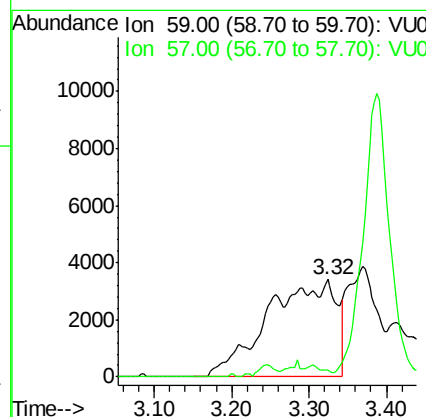
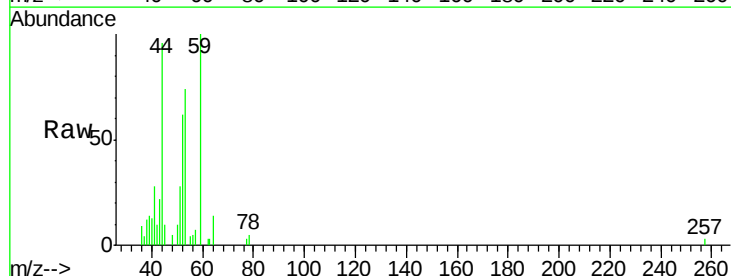
MMDadoda

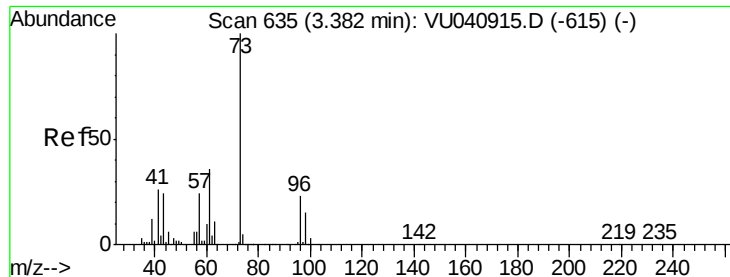
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#24
tert-Butyl Alcohol
Concen: 12.643 ug/l m
RT: 3.32 min Scan# 617
Delta R.T. 0.11 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

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





#25
Methvl tert-Butvl Ether
Concen: 2.105 ug/l
RT: 3.39 min Scan# 637
Delta R.T. 0.01 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

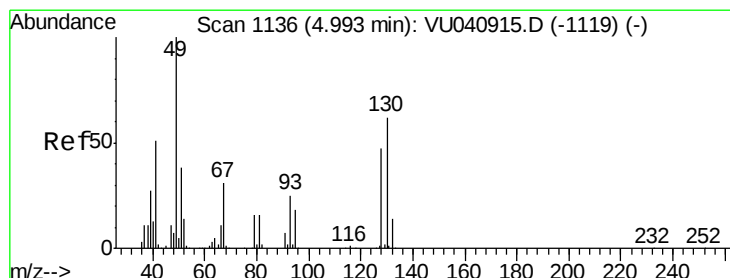
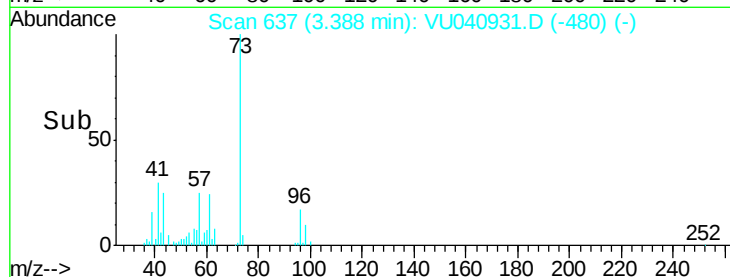
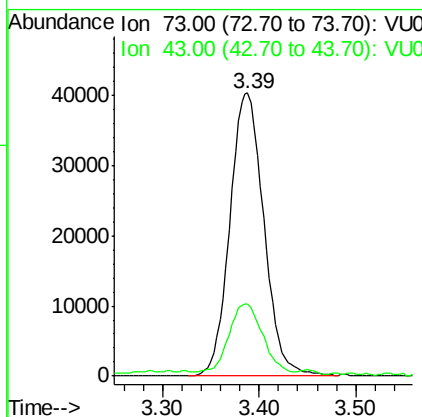
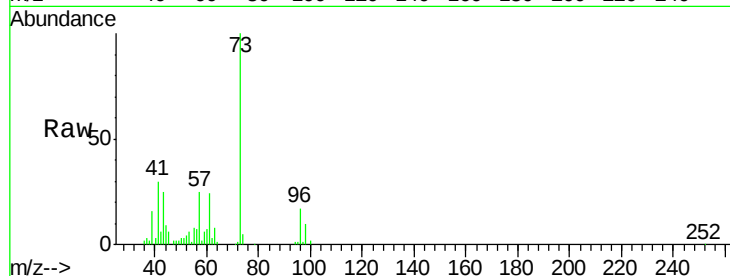
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion	73	Resp	98565
Ion Ratio	100	Lower	Upper
73	100	19.0	28.6
43	24.0		

Manual Integrations
APPROVED

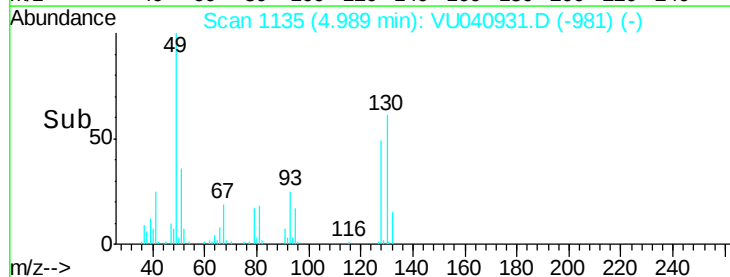
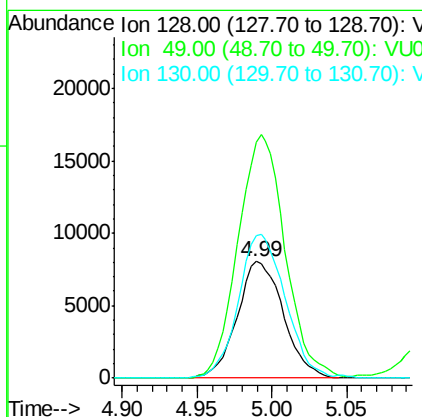
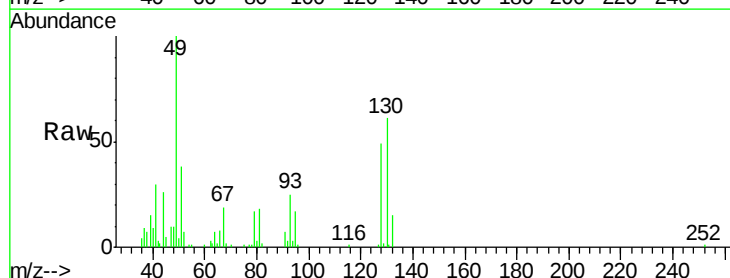
MMDadoda

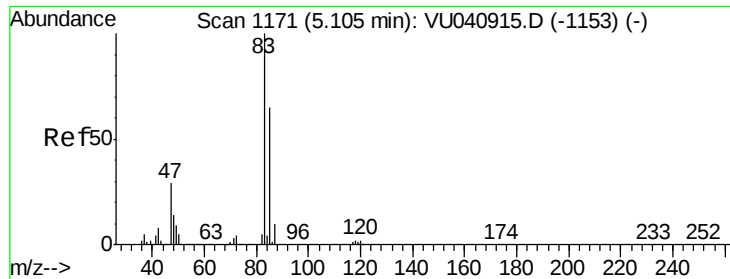
10/26/2020 4:24:20 PM



#26
Bromochloromethane
Concen: 2.185 ug/l
RT: 4.99 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	128	Resp	17313
Ion Ratio	100	Lower	Upper
49	212.2	0.0	426.4
130	125.8	106.2	159.4





#27

Chloroform

Concen: 2.159 ug/l

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion: 83 Resp: 72087

Ion Ratio Lower Upper

83 100

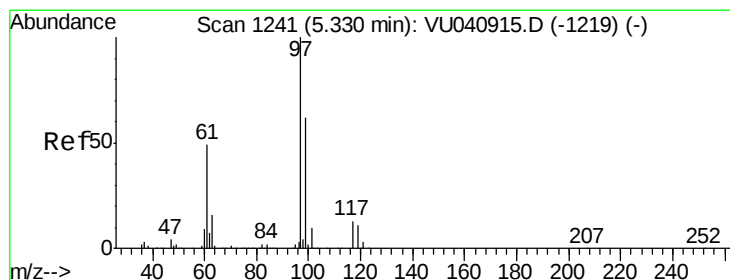
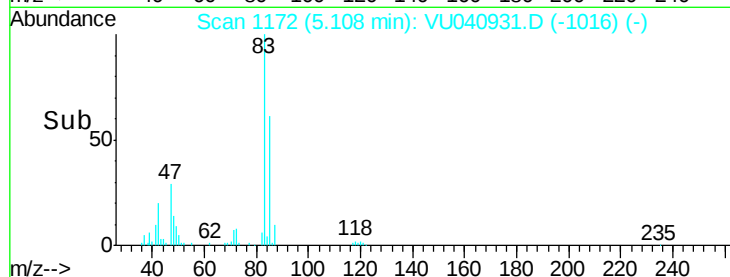
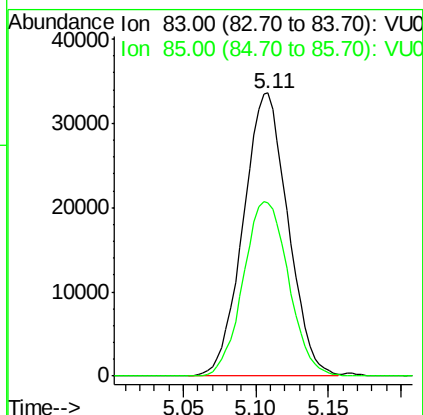
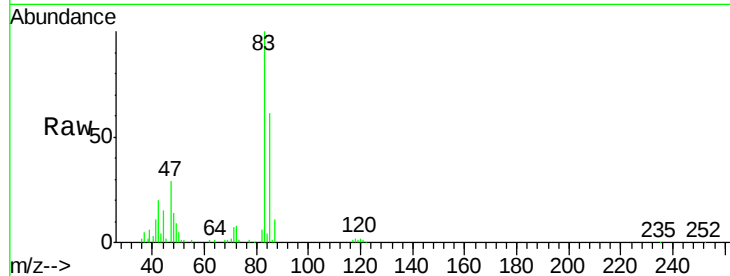
85 61.3 0.0 129.0

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#28

1,1,1-Trichloroethane

Concen: 2.149 ug/l

RT: 5.33 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

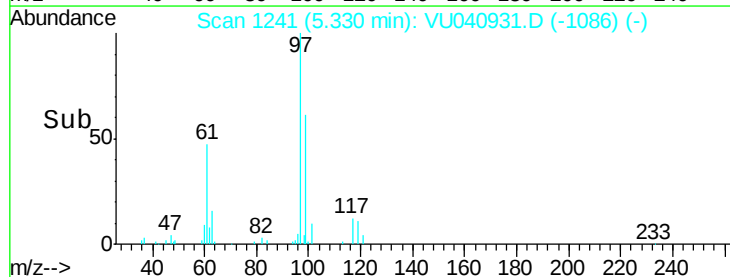
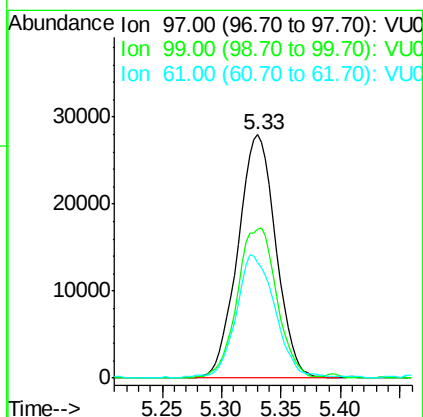
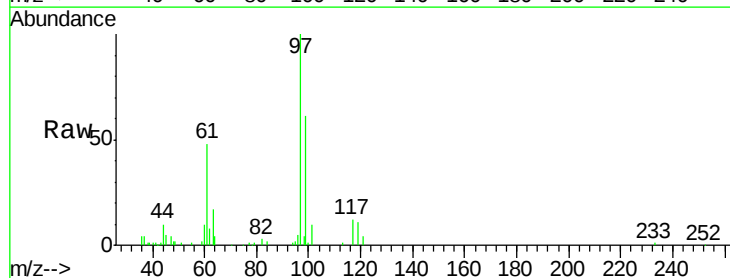
Tgt Ion: 97 Resp: 61866

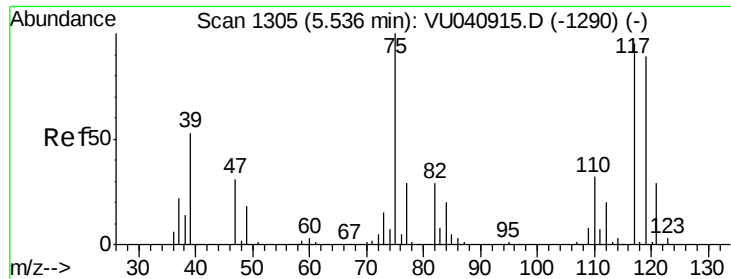
Ion Ratio Lower Upper

97 100

99 64.2 31.4 94.3

61 52.1 24.7 74.1





#29
1,1-Dichloropropene
Concen: 2.034 ug/l
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

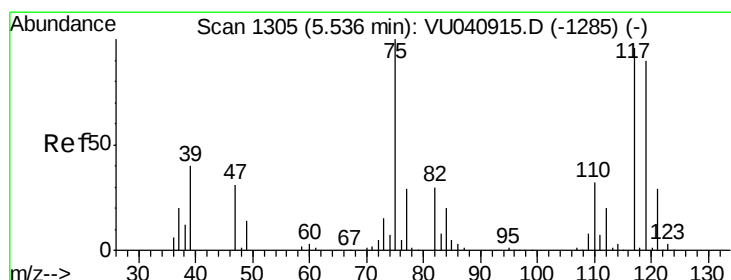
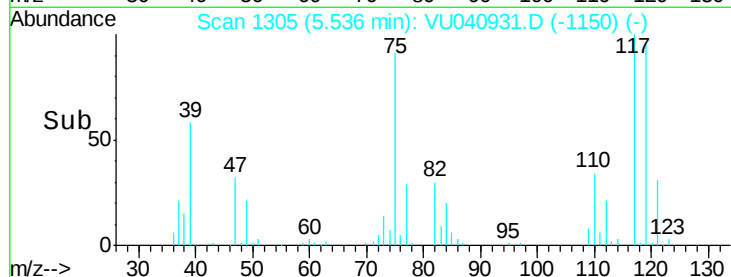
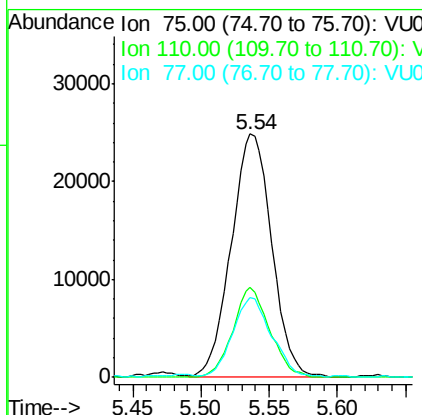
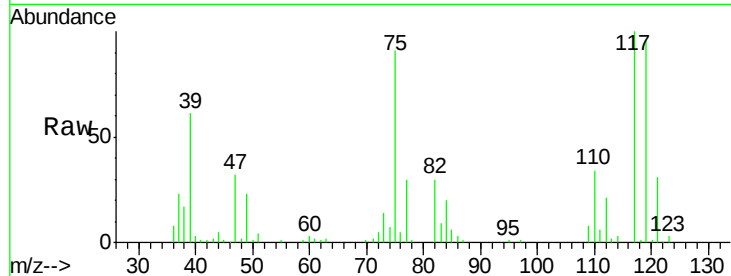
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.4	15.9	47.6
77	31.5	24.2	36.2

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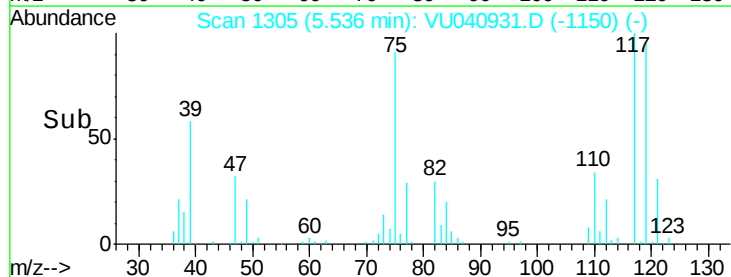
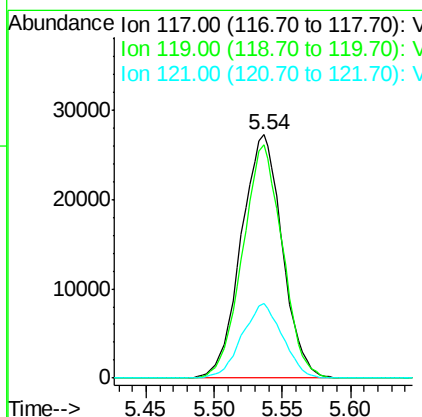
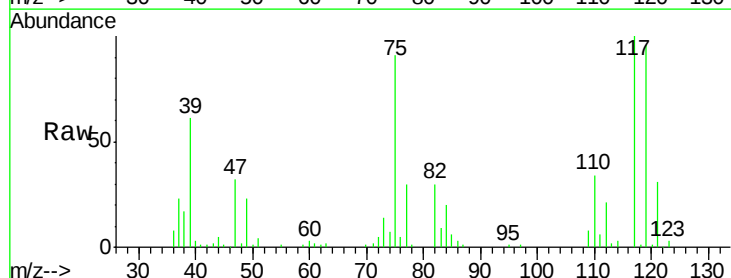
MMDadoda

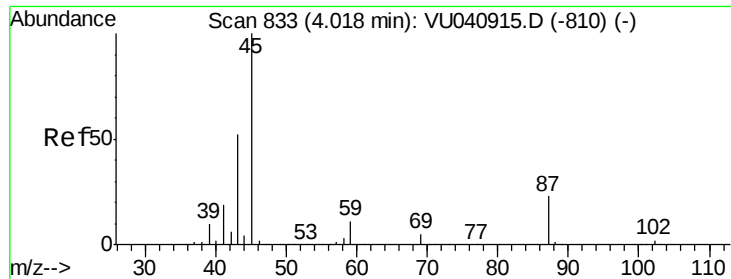
10/26/2020 4:24:20 PM



#30
Carbon Tetrachloride
Concen: 2.185 ug/l
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	74.9	112.3
121	30.7	24.1	36.1





#31

Isopropyl Ether

Concen: 2.108 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion: 45 Resp: 113884

Ion Ratio Lower Upper

45 100

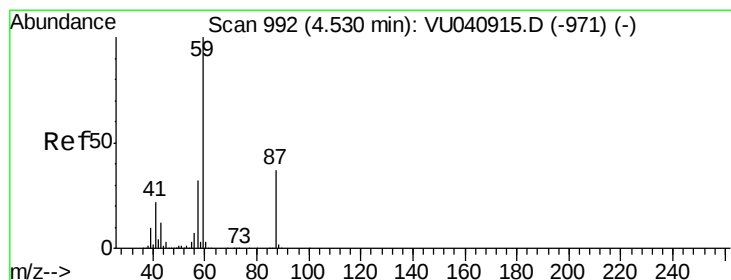
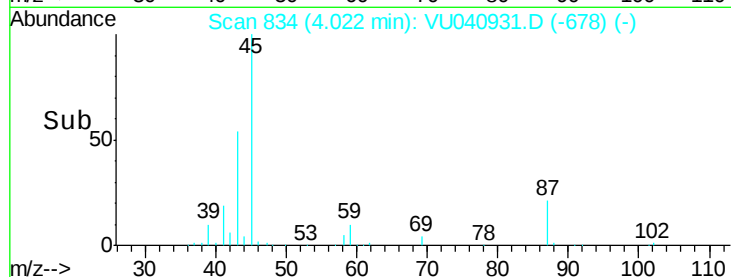
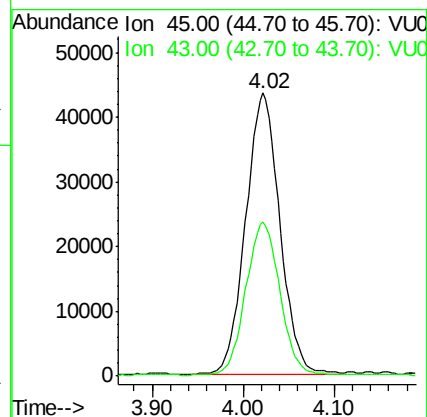
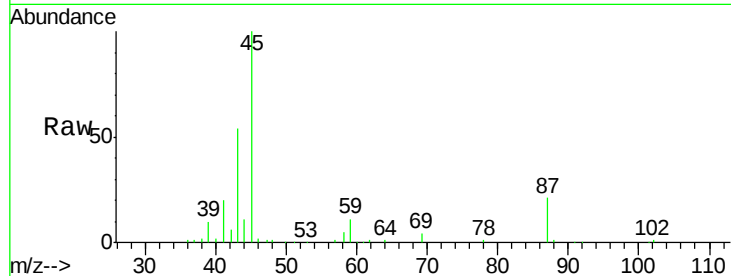
43 53.7 26.8 80.3

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 2.082 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040931.D

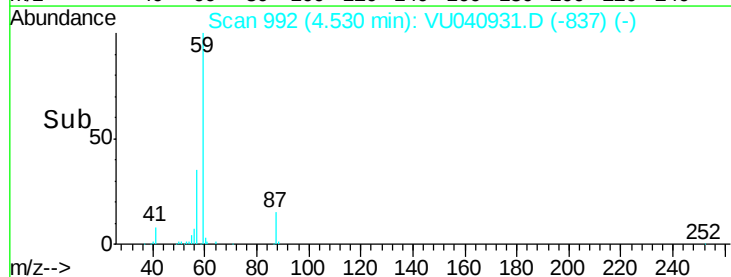
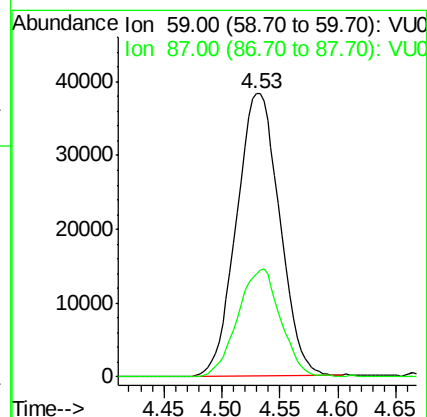
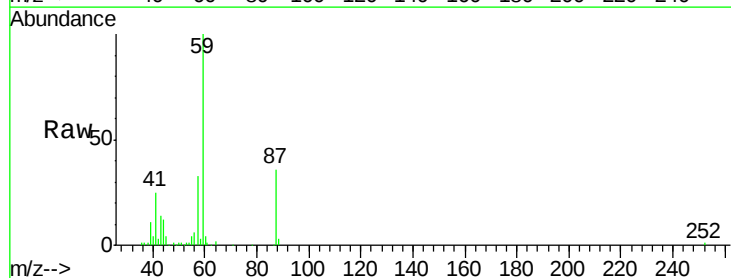
Acq: 23 Oct 2020 12:32

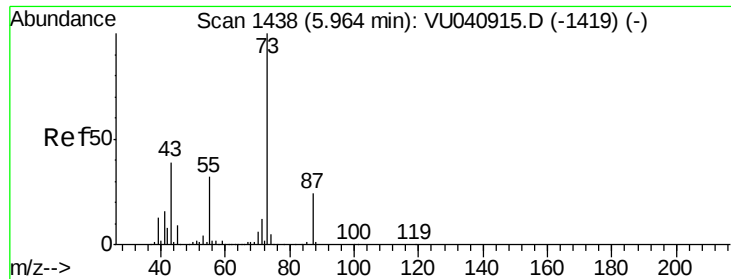
Tgt Ion: 59 Resp: 99088

Ion Ratio Lower Upper

59 100

87 37.5 30.6 46.0





#33
Tert-Butyl methyl ether
Concen: 1.889 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

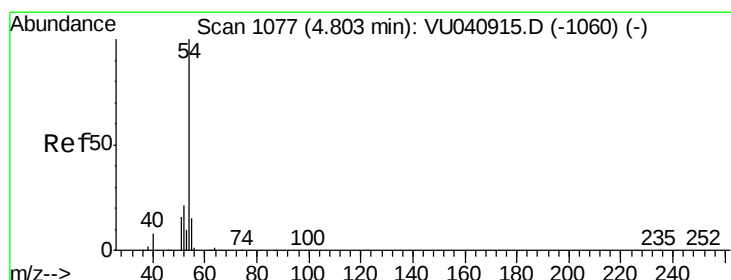
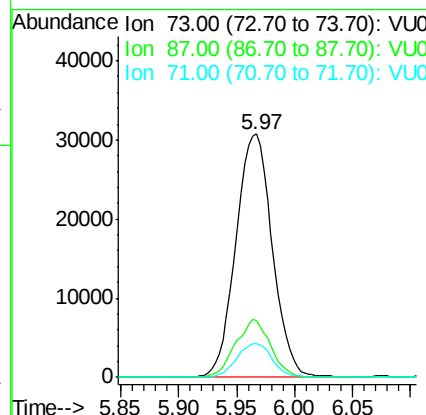
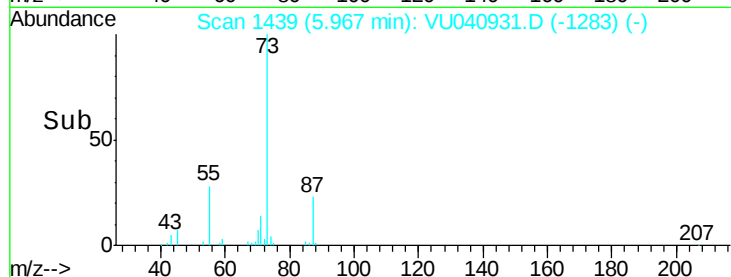
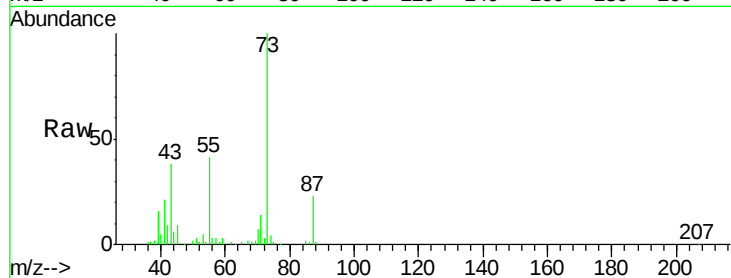
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.9	19.0	28.4
71	13.4	9.7	14.5

Manual Integrations
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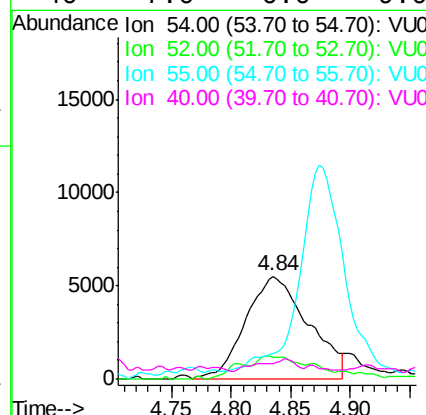
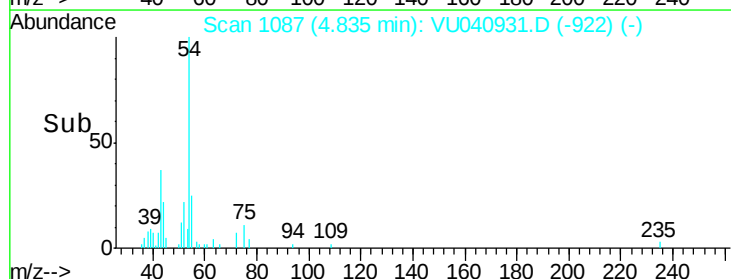
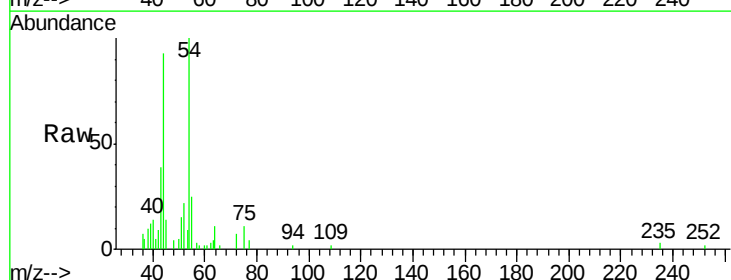
MMDadoda

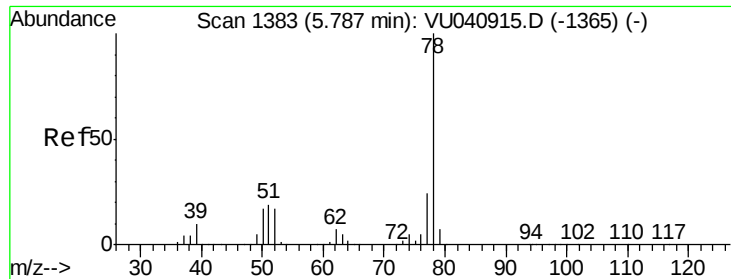
10/26/2020 4:24:20 PM



#34
Propionitrile
Concen: 10.172 ug/l
RT: 4.84 min Scan# 1087
Delta R.T. 0.03 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
54	100		
52	7.2	15.5	23.3#
55	0.0	12.5	18.7#
40	7.0	6.0	9.0





#35

Benzene

Concen: 2.073 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion: 78 Resp: 144966

Ion Ratio Lower Upper

78 100

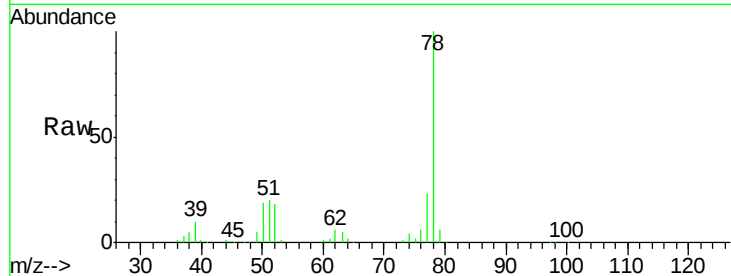
77 23.1 19.4 29.2

Manual Integrations

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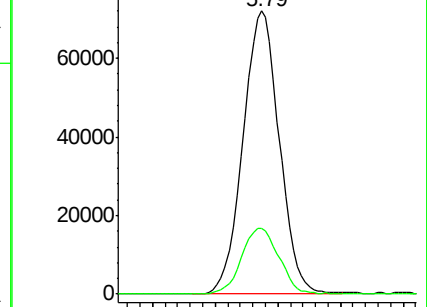
MMDadoda

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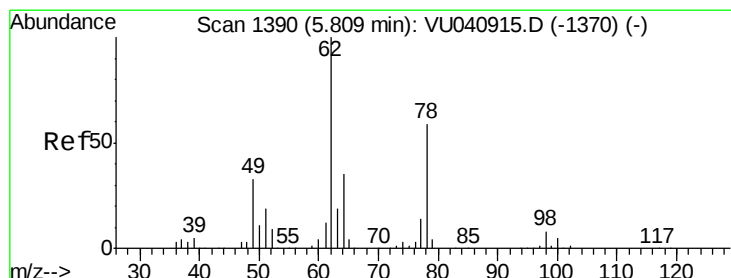
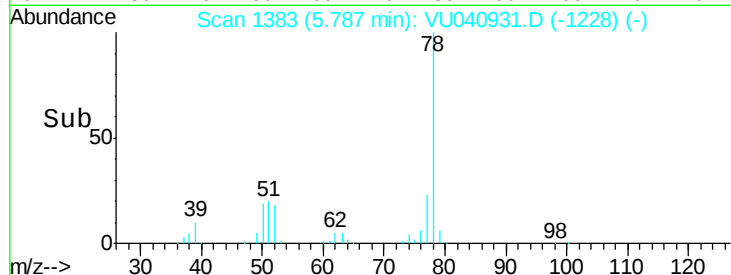


Abundance Ion 78.10 (77.80 to 78.80): VU040931.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU040931.D (-1228) (-)



Time-->



#36

1,2-Dichloroethane

Concen: 2.195 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040931.D

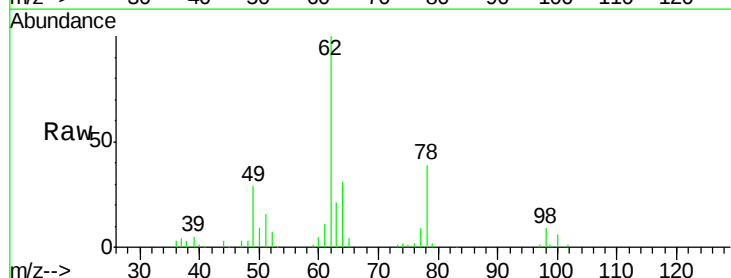
Acq: 23 Oct 2020 12:32

Tgt Ion: 62 Resp: 56908

Ion Ratio Lower Upper

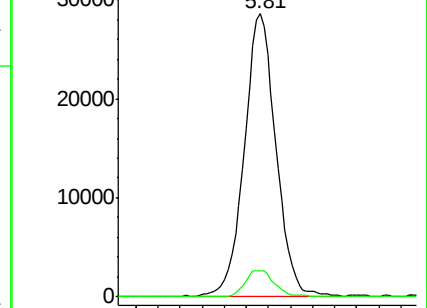
62 100

98 8.8 6.7 10.1

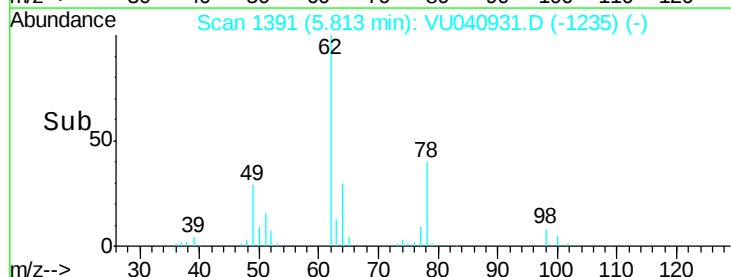


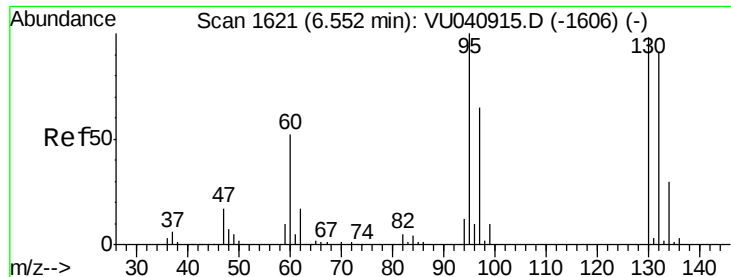
Abundance Ion 62.00 (61.70 to 62.70): VU040931.D (-1235) (-)

Ion 98.00 (97.70 to 98.70): VU040931.D (-1235) (-)



Time-->





#37
 Trichloroethene
 Concen: 2.148 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

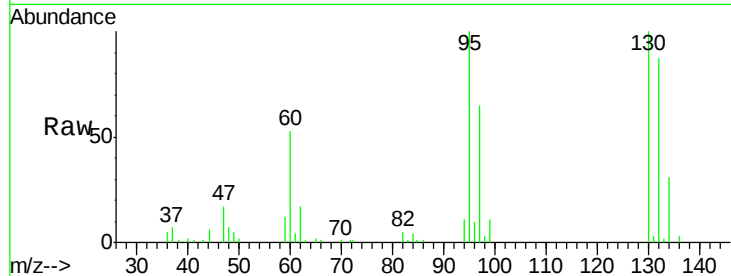
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion:130 Resp: 35500
 Ion Ratio Lower Upper
 130 100
 95 100.4 81.9 122.9

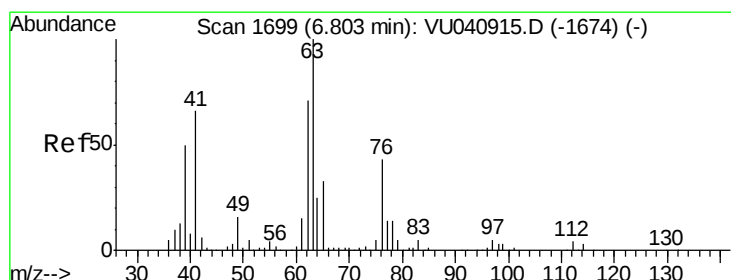
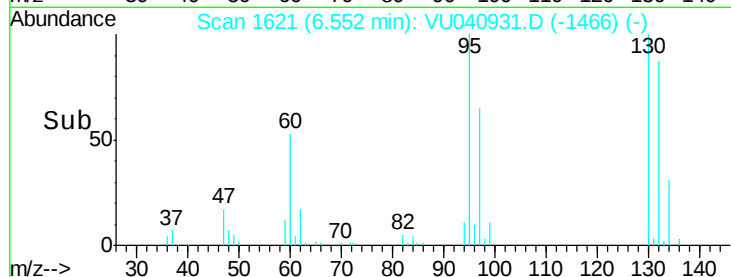
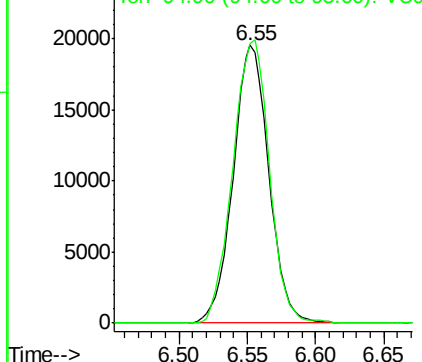
Manual Integrations
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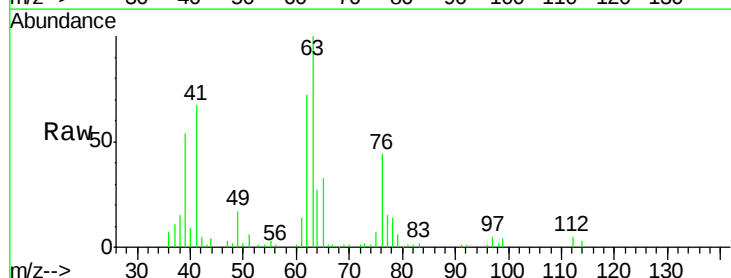


Abundance Ion 129.90 (129.60 to 130.60): VU040931.D (-1466) (-)
 Ion 94.90 (94.60 to 95.60): VU040931.D (-1466) (-)

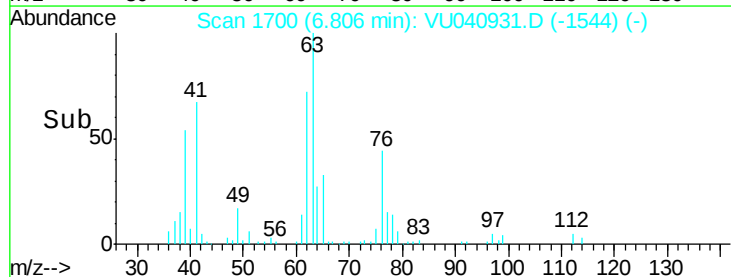
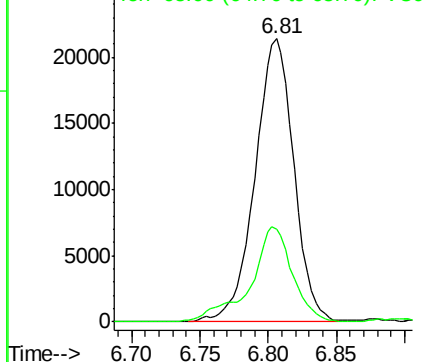


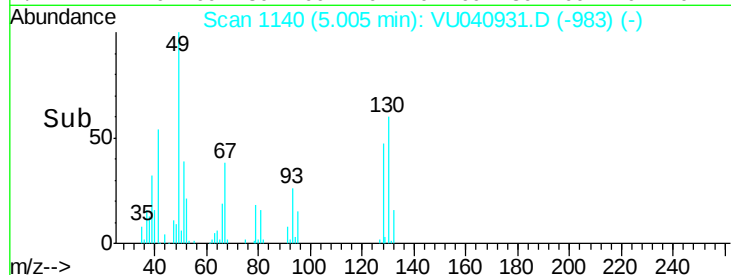
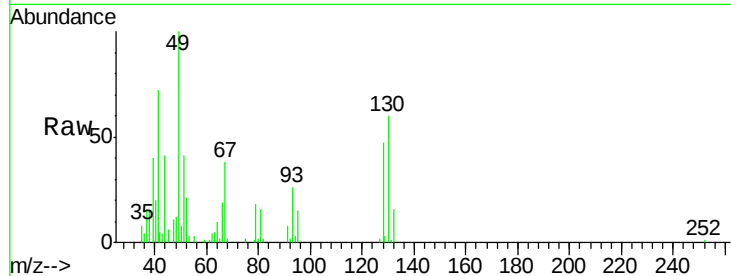
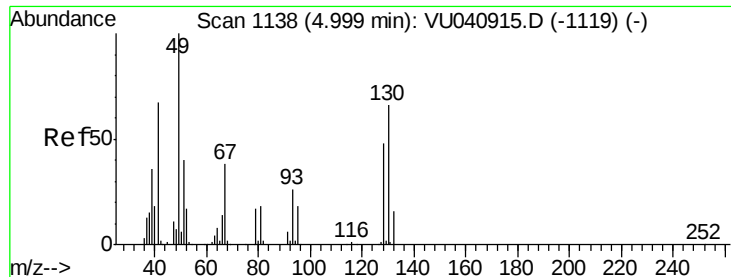
#38
 1,2-Dichloropropane
 Concen: 2.131 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion: 63 Resp: 42272
 Ion Ratio Lower Upper
 63 100
 65 32.8 26.2 39.2



Abundance Ion 63.00 (62.70 to 63.70): VU040931.D (-1544) (-)
 Ion 65.00 (64.70 to 65.70): VU040931.D (-1544) (-)





#39

Methacrylonitrile

Concen: 2.125 ug/l

RT: 5.01 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Tot Ion	41	Resp	19712
Ion	Ratio	Lower	Upper
41	100		
67	60.7	48.7	73.1
39	51.2	44.6	67.0
52	29.3	23.3	34.9

Instrument :

MSVOA_U

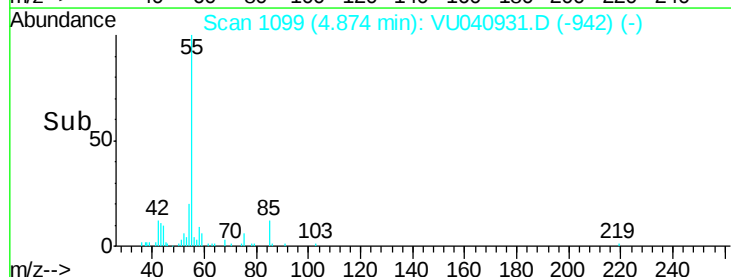
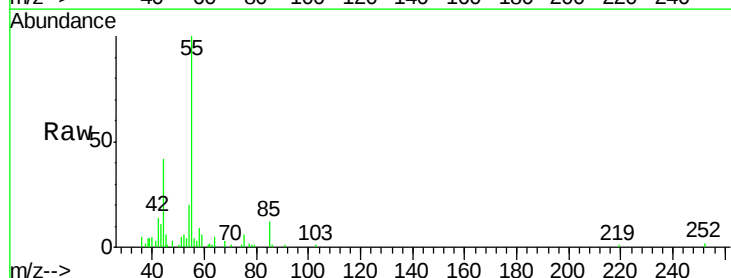
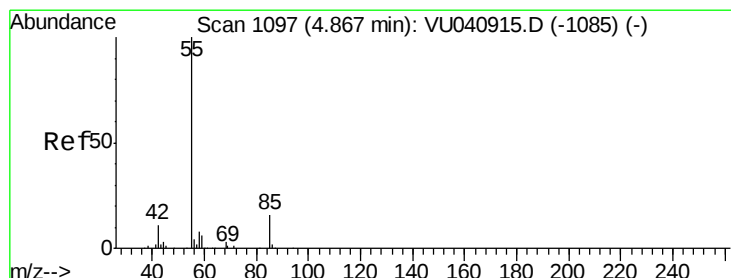
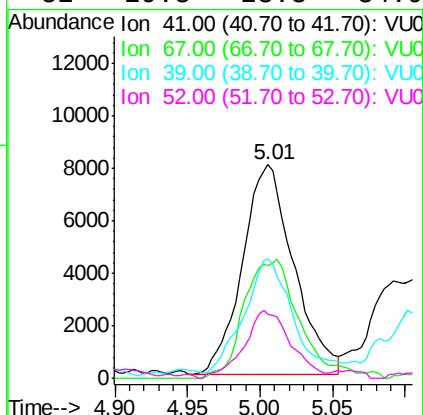
ClientSampleId :

VU1023WBSD01

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#40

Methyl acrylate

Concen: 2.239 ug/l

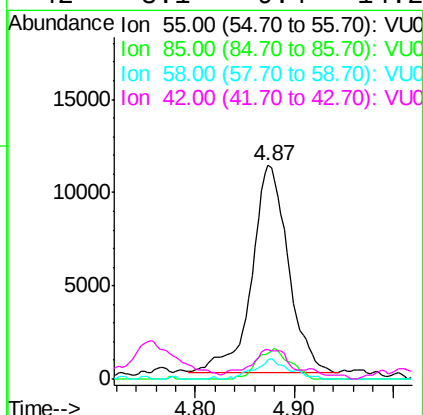
RT: 4.87 min Scan# 1099

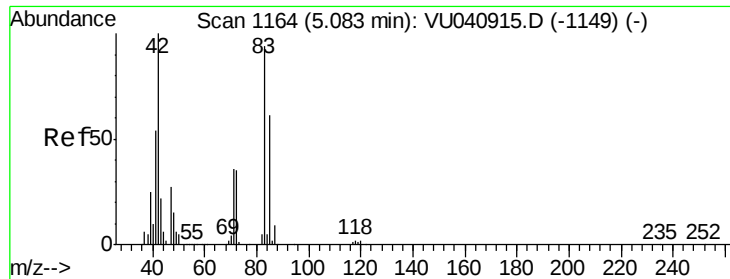
Delta R.T. 0.01 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Tgt Ion	55	Resp	28470
Ion	Ratio	Lower	Upper
55	100		
85	13.0	12.2	18.2
58	9.1	6.8	10.2
42	8.1	9.4	14.2#





#41
Tetrahydrofuran
Concen: 4.251 ug/l
RT: 5.10 min Scan# 1168
Delta R.T. 0.01 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

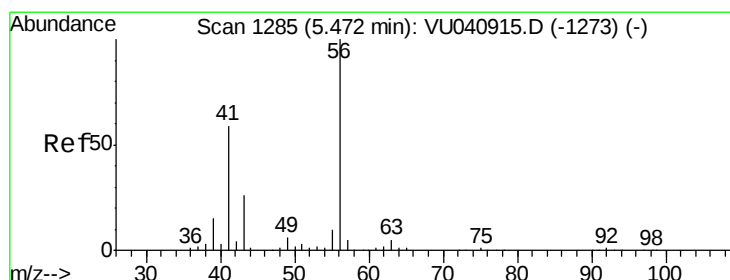
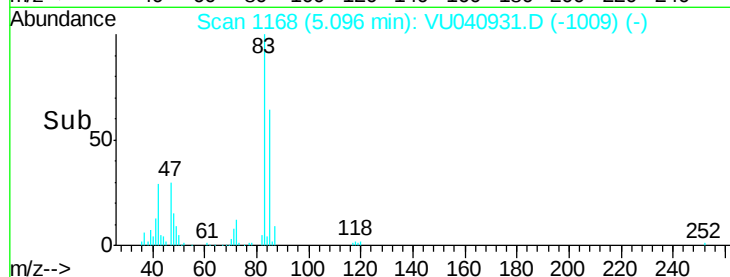
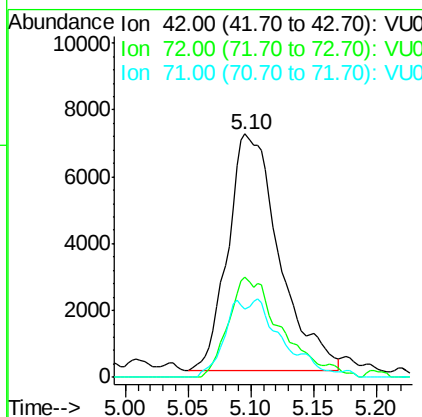
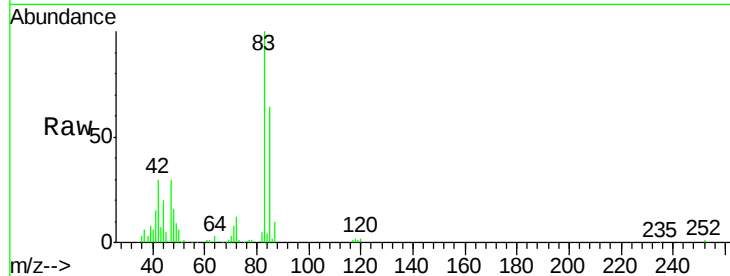
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	30.1	45.1
71	13.6	27.9	41.9#

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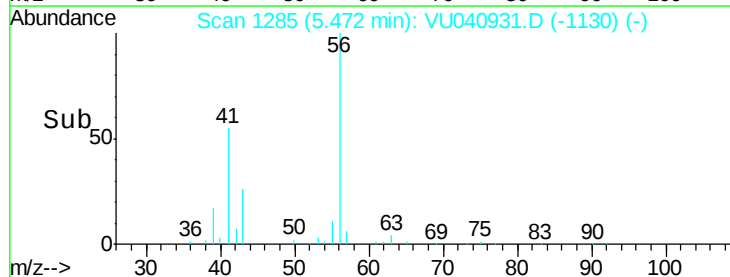
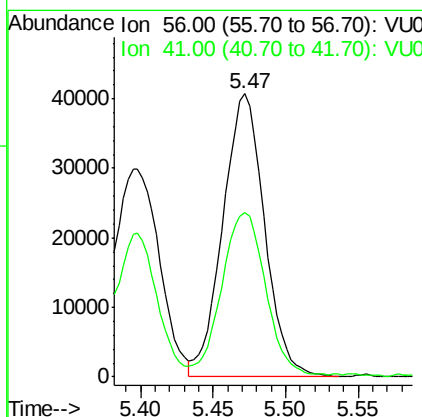
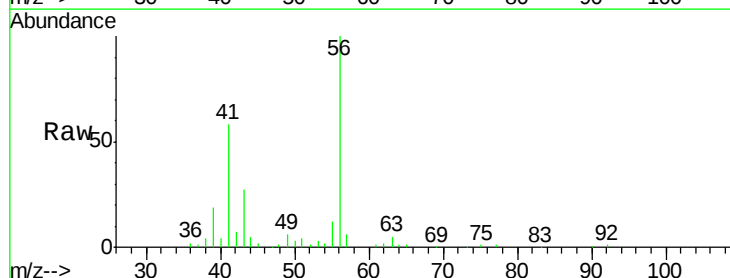
MMDadoda

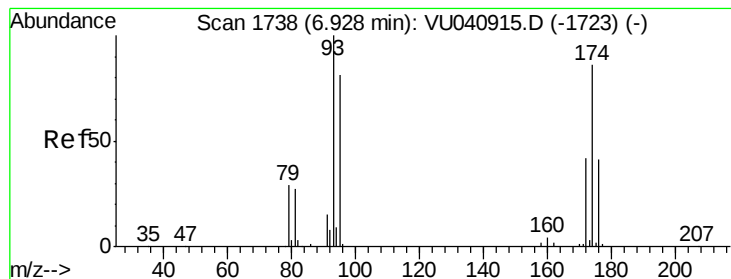
10/26/2020 4:24:20 PM



#42
1-Chlorobutane
Concen: 2.128 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
56	100		
41	59.4	29.6	88.8





#43

Dibromomethane

Concen: 2.053 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

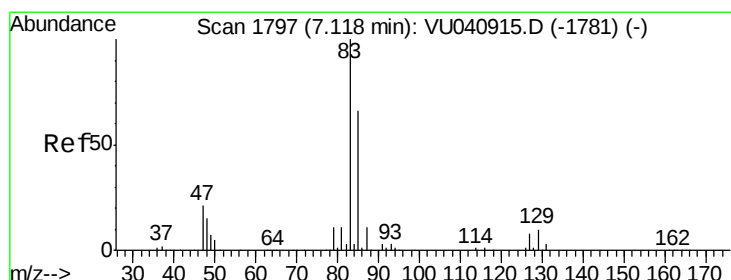
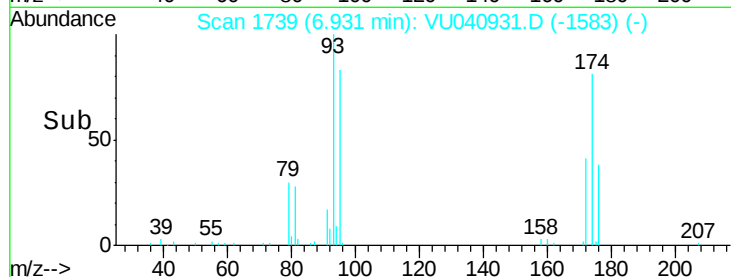
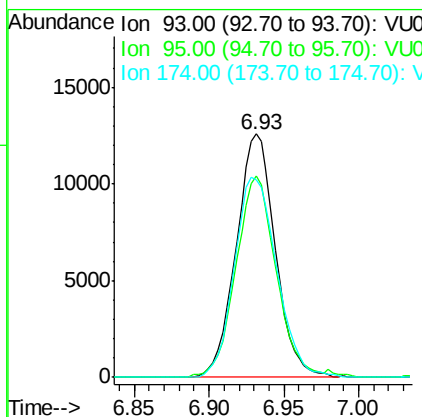
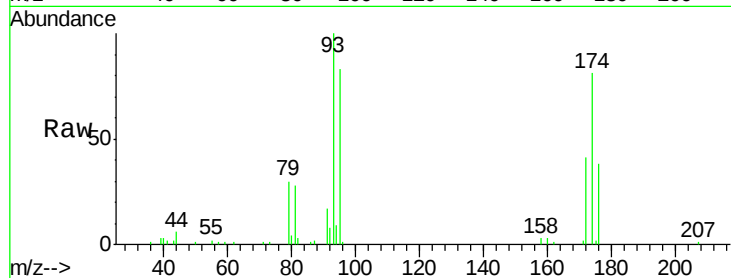
VU1023WBSD01

Tot Ion:	93	Resp:	22825
Ion	Ratio	Lower	Upper
93	100		
95	85.3	66.3	99.5
174	89.4	70.4	105.6

Manual Integrations
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#44

Bromodichloromethane

Concen: 2.121 ug/l

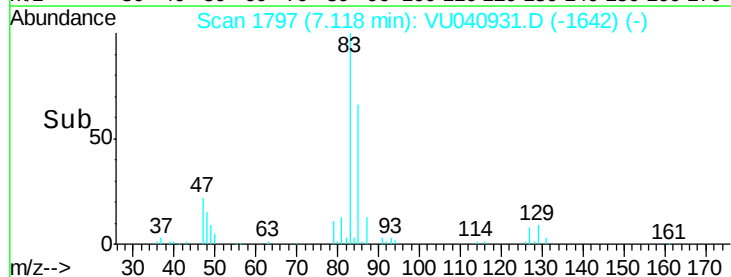
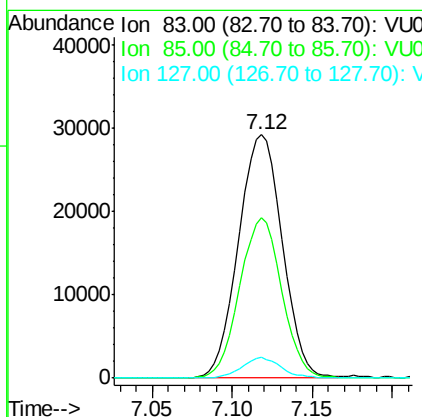
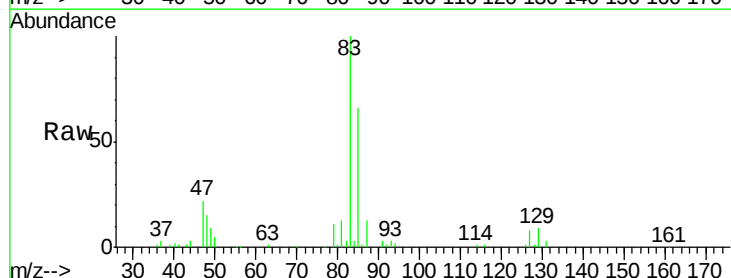
RT: 7.12 min Scan# 1797

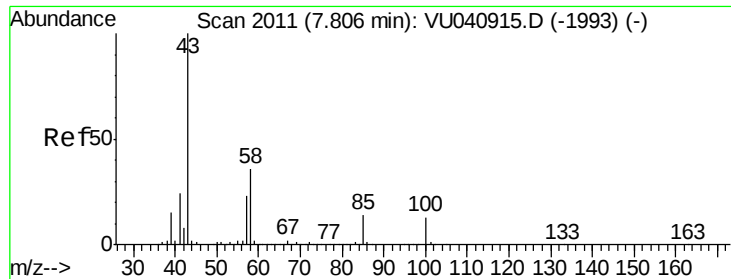
Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Tgt Ion:	83	Resp:	54753
Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.6	78.8
127	8.4	6.4	9.6





#45
4-Methyl-2-Pentanone
Concen: 9.337 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

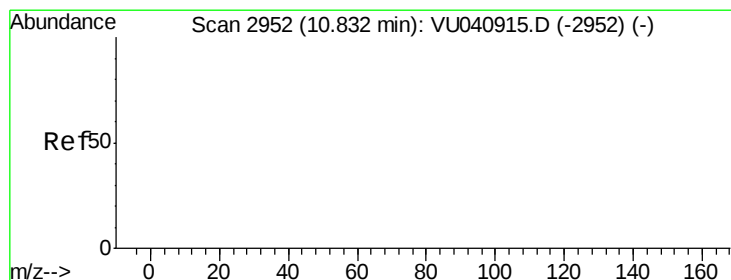
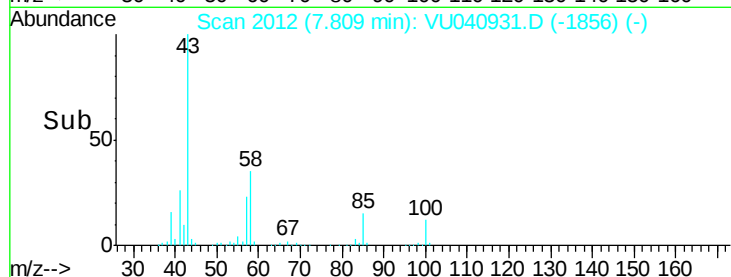
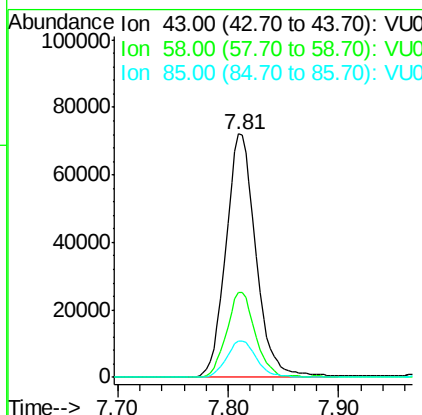
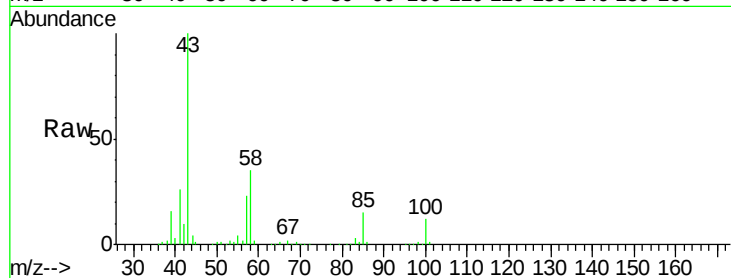
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion:	43	Resp:	136295
Ion Ratio	Lower	Upper	
43	100		
58	33.2	17.8	53.5
85	14.9	11.4	17.2

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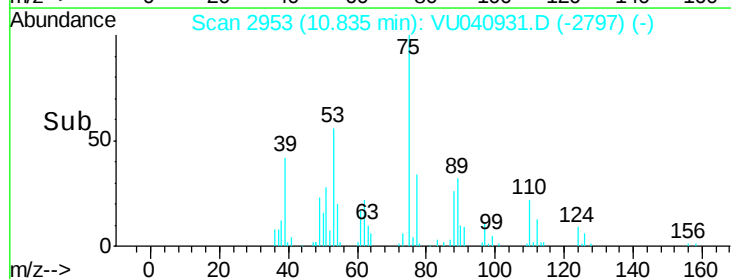
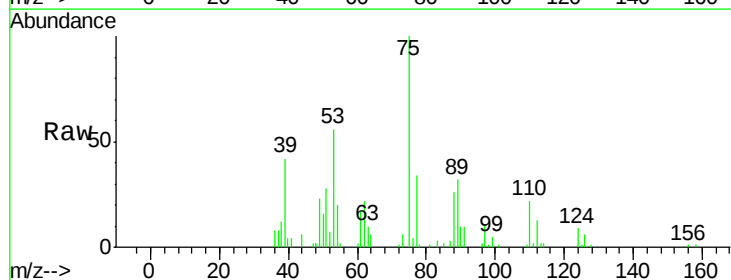
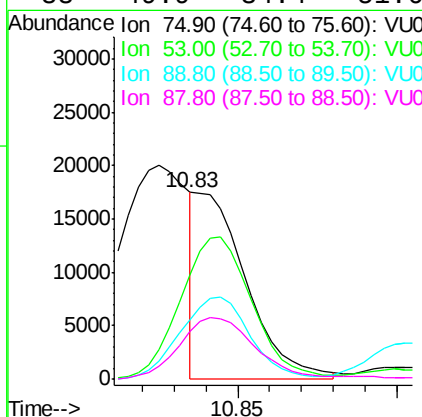
MMDadoda

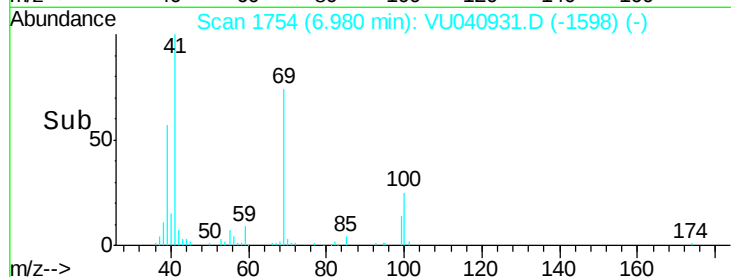
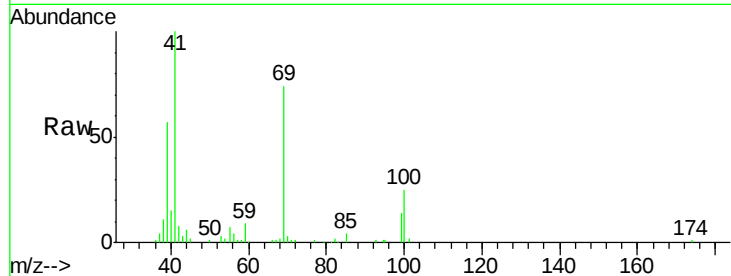
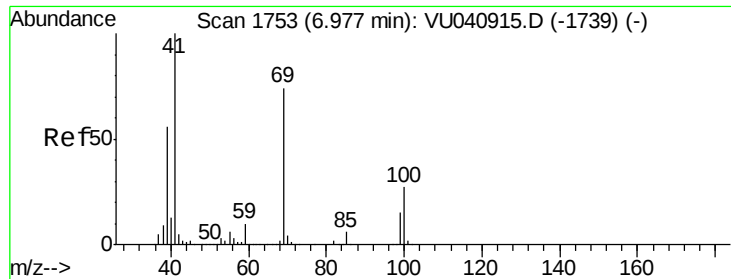
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#46
t-1,4-Dichloro-2-butene
Concen: 3.316 ug/l m
RT: 10.83 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

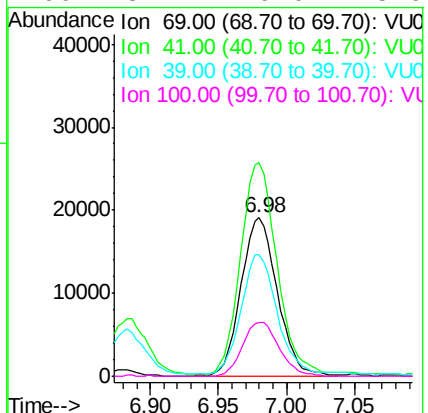
Tgt Ion:	75	Resp:	19139
Ion Ratio	Lower	Upper	
75	100		
53	108.9	73.0	109.4
89	61.1	41.7	62.5
88	49.9	34.4	51.6





#47
Methyl methacrylate
Concen: 3.821 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	132.3	0.0	270.2		
39	73.8	61.6	92.4		
100	34.1	29.0	43.6		

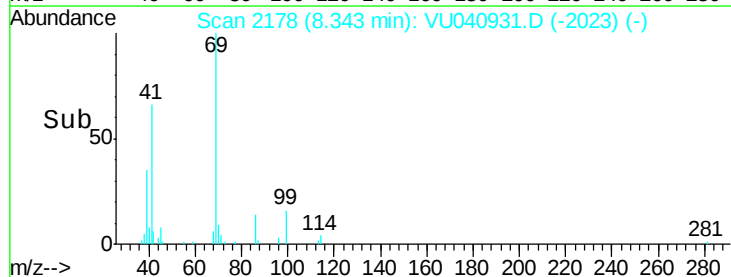
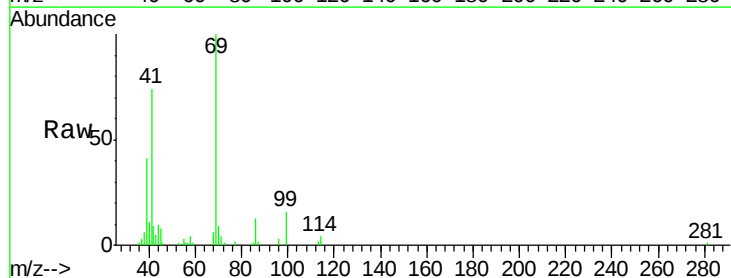
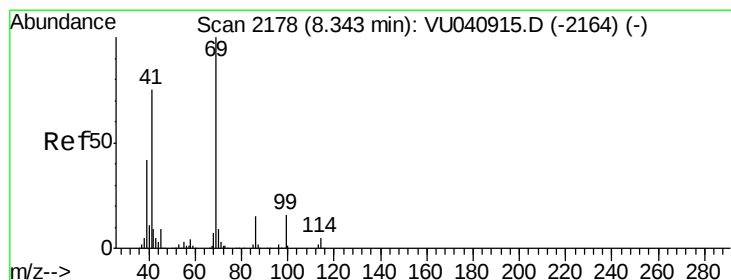


Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Manual Integrations
APPROVED

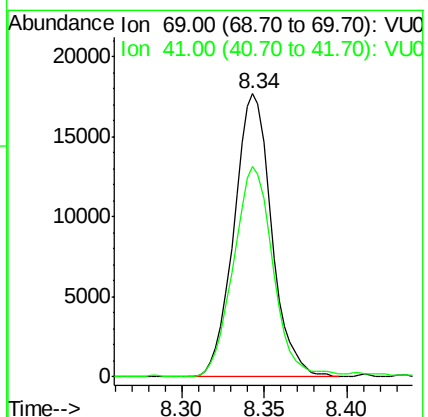
MMDadoda

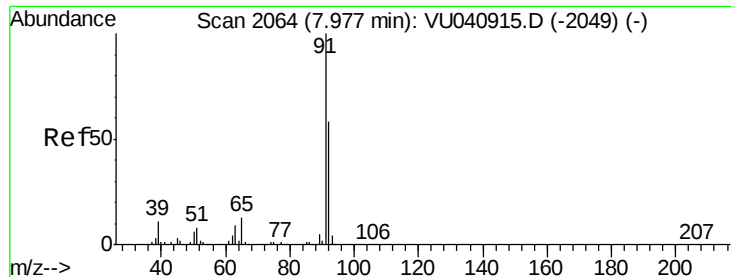
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#48
Ethyl methacrylate
Concen: 1.781 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	78.4	37.6	112.9		





#49

Toluene

Concen: 1.978 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion: 92 Resp: 76076

Ion Ratio Lower Upper

92 100

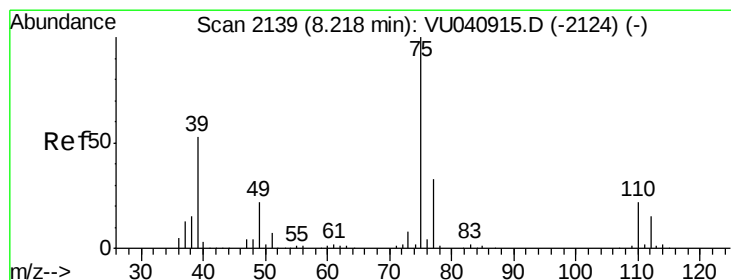
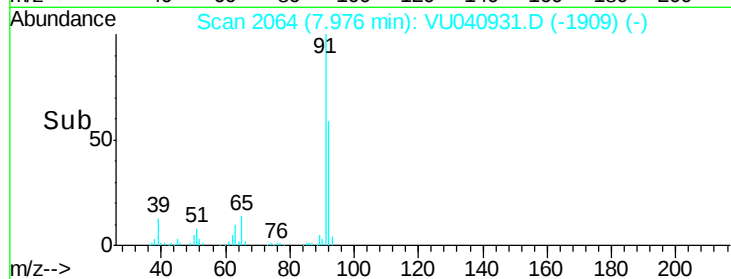
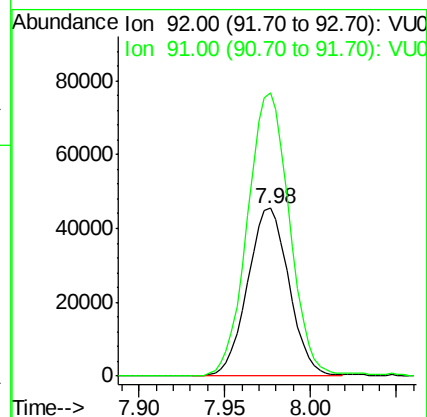
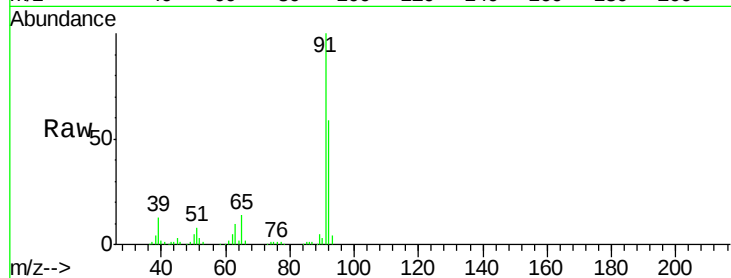
91 171.7 136.8 205.2

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 2.047 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040931.D

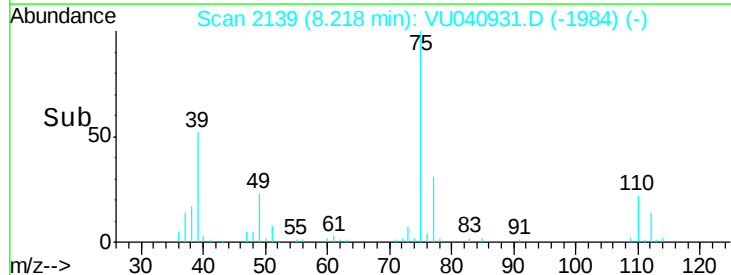
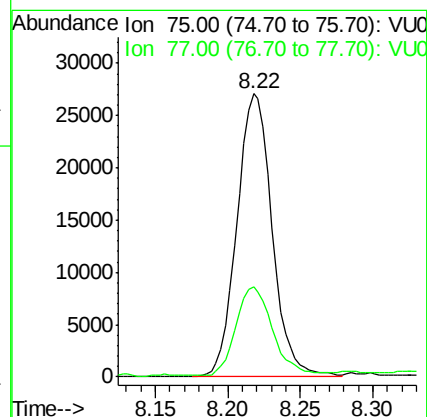
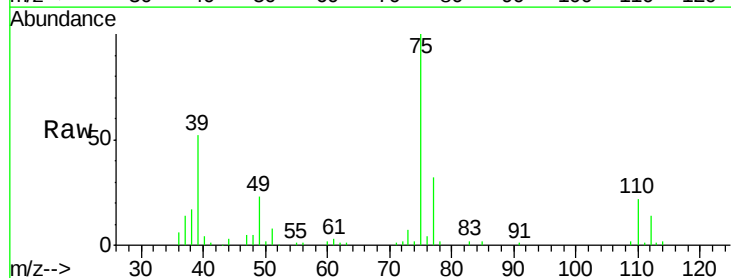
Acq: 23 Oct 2020 12:32

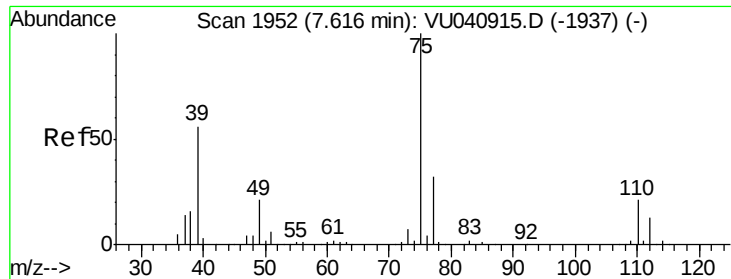
Tgt Ion: 75 Resp: 45678

Ion Ratio Lower Upper

75 100

77 31.2 26.2 39.4





#51
 cis-1,3-Dichloropropene
 Concen: 1.904 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

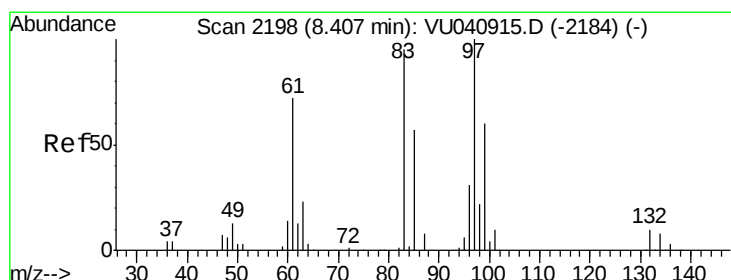
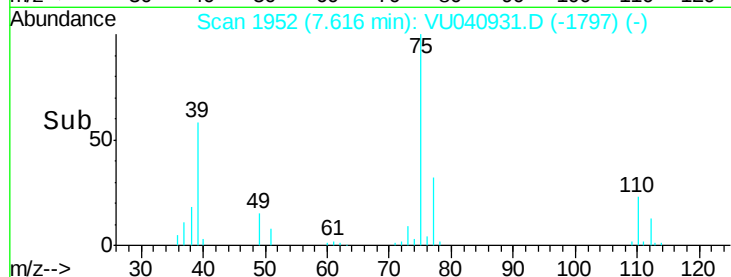
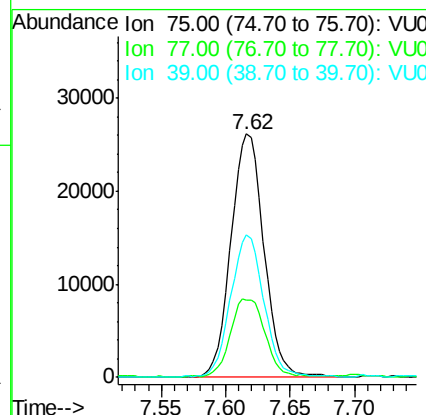
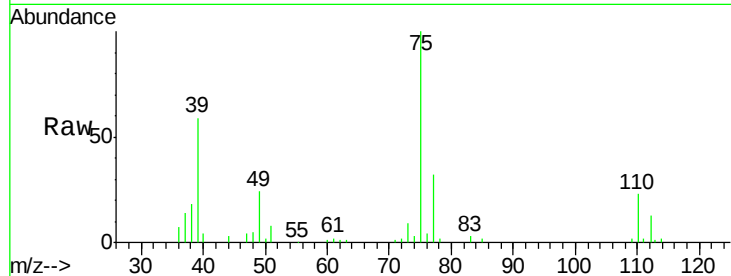
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion:	75	Resp:	46553
Ion Ratio	Lower	Upper	
75	100		
77	31.3	25.4	38.0
39	58.2	44.7	67.1

Manual Integrations
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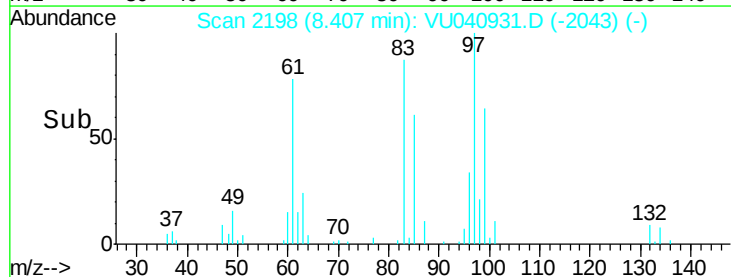
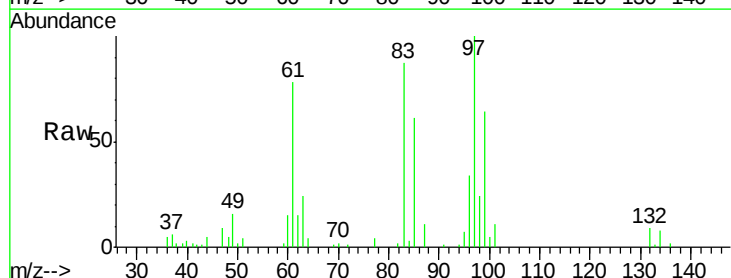
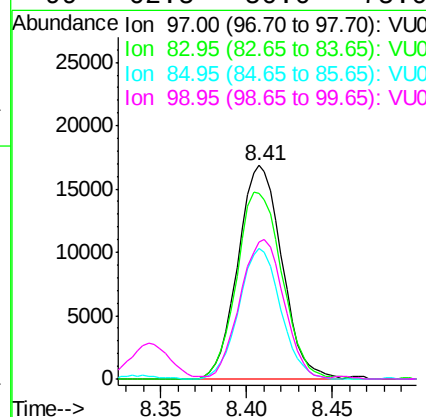
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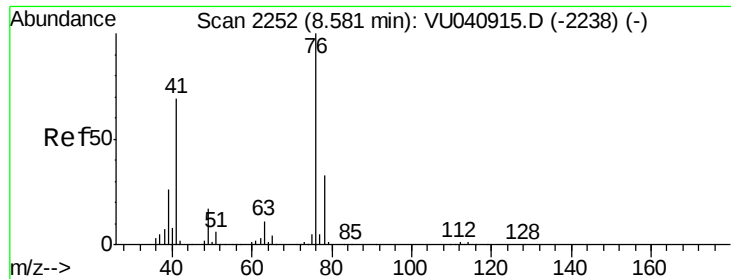
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#52
 1,1,2-Trichloroethane
 Concen: 2.128 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion:	97	Resp:	29912
Ion Ratio	Lower	Upper	
97	100		
83	87.2	75.9	113.9
85	61.3	46.1	69.1
99	62.5	50.0	75.0





#53
 1,3-Dichloropropane
 Concen: 2.051 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

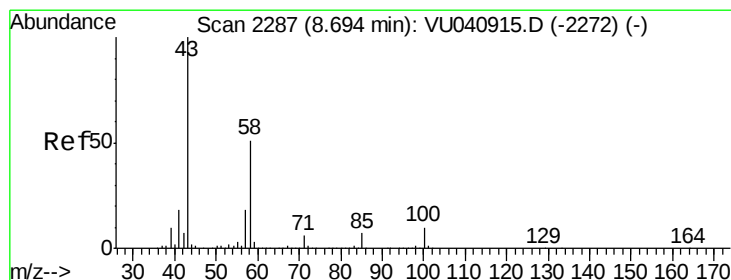
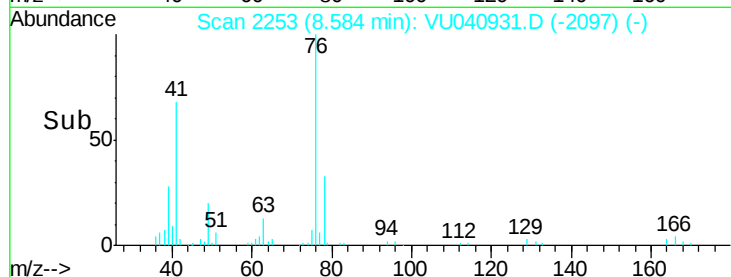
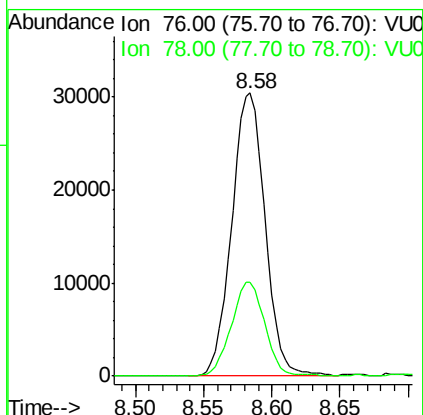
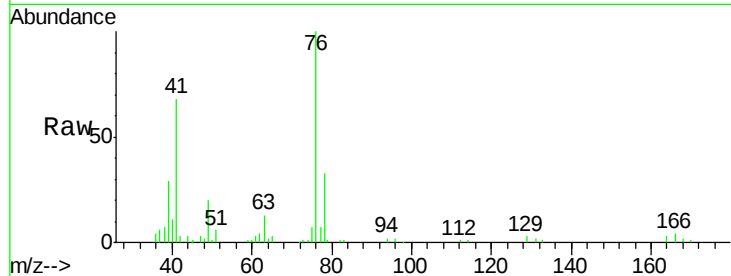
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.4	26.6	39.8

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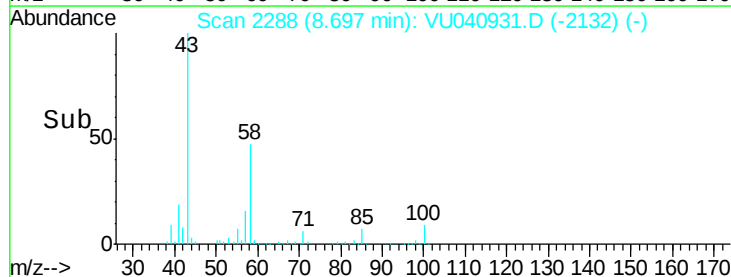
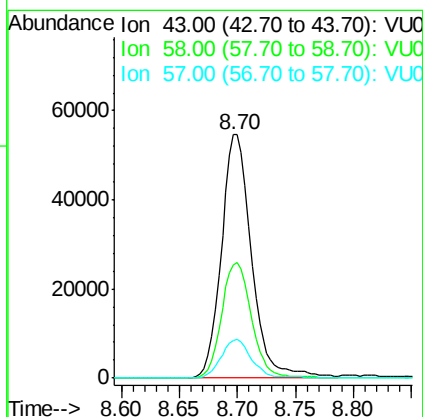
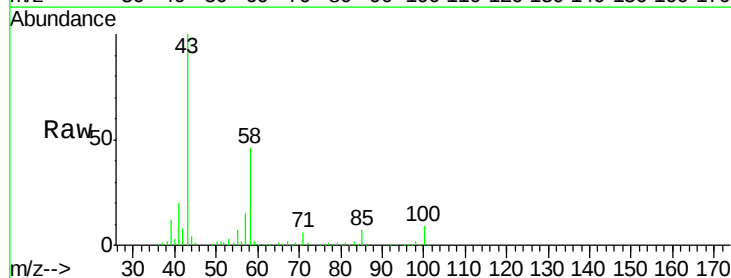
MMDadoda

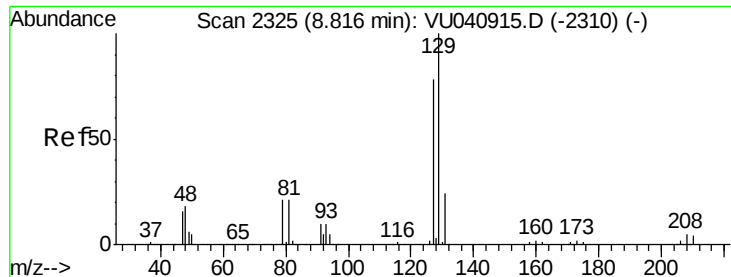
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#54
 2-Hexanone
 Concen: 9.725 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	46.7	30.2	70.2
57	15.9	0.0	37.4





#55

Dibromochloromethane

Concen: 2.177 ug/l

RT: 8.82 min Scan# 2325

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleID :

VU1023WBSD01

Tot Ion:129 Resp: 36693

Ion Ratio Lower Upper

129 100

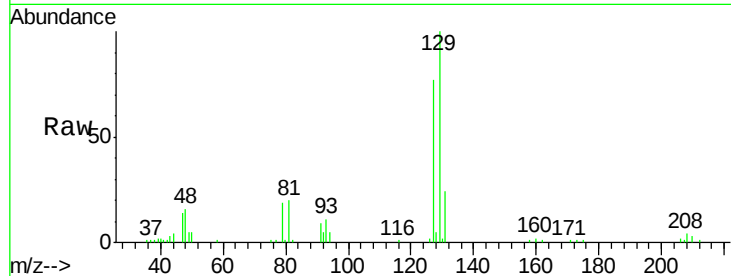
127 76.3 63.1 94.7

Manual Integrations

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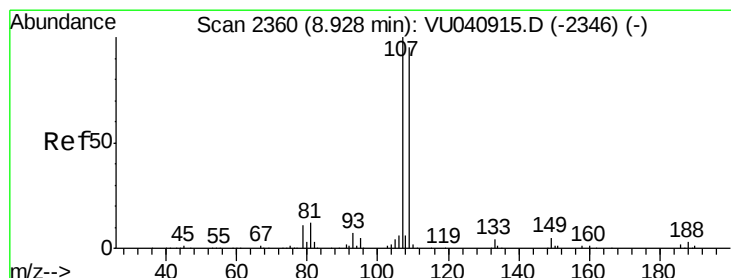
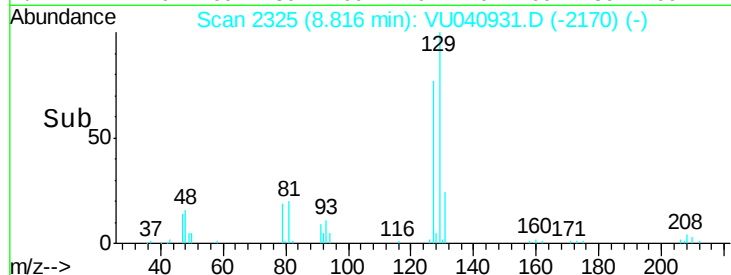
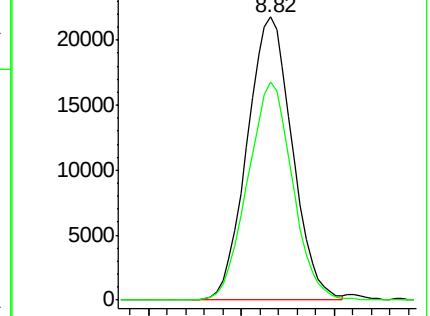
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 2.116 ug/l

RT: 8.93 min Scan# 2360

Delta R.T. -0.00 min

Lab File: VU040931.D

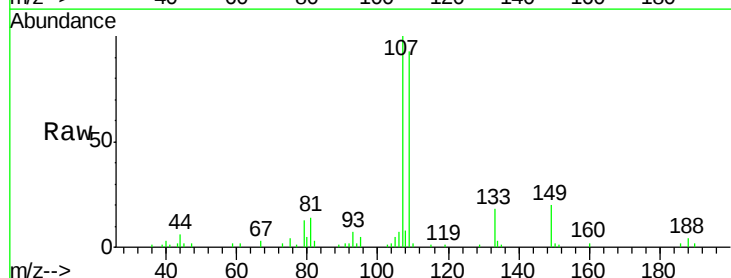
Acq: 23 Oct 2020 12:32

Tgt Ion:107 Resp: 27581

Ion Ratio Lower Upper

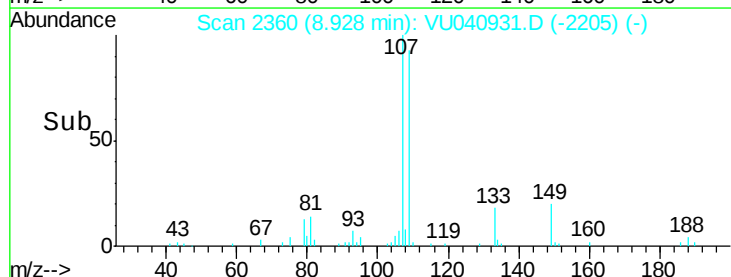
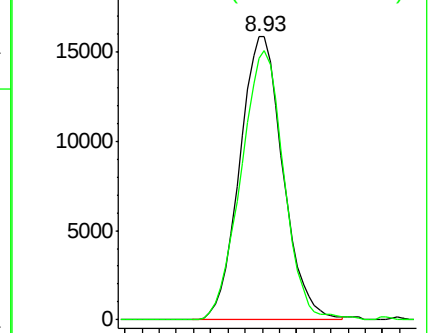
107 100

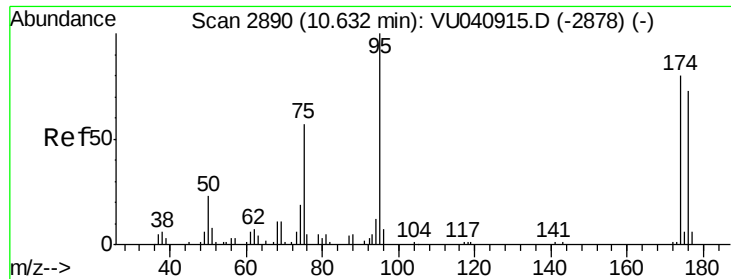
109 94.2 0.0 190.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57
4-Bromofluorobenzene
Concen: 1.010 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

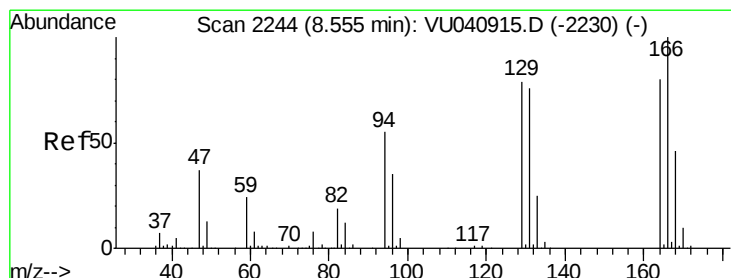
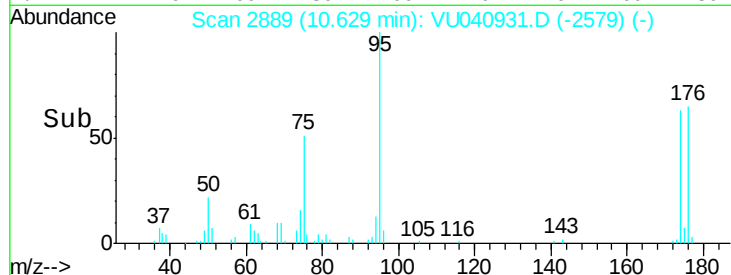
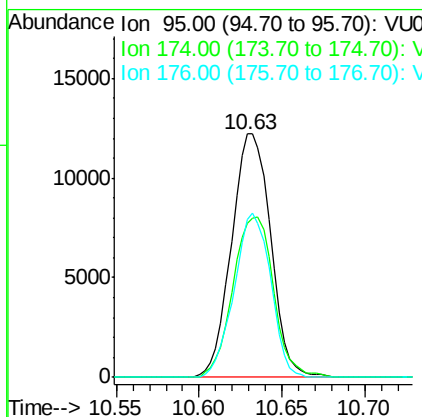
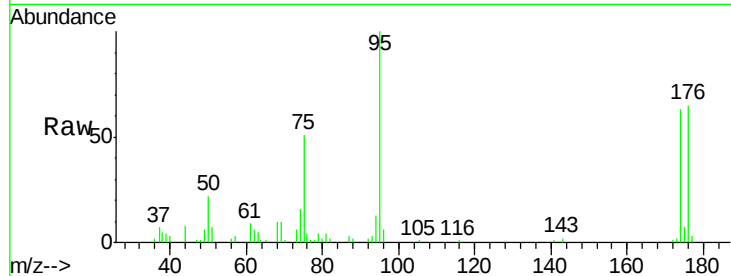
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	20100		
174	68.4	60.3	90.5	
176	62.7	55.6	83.4	

Manual Integrations
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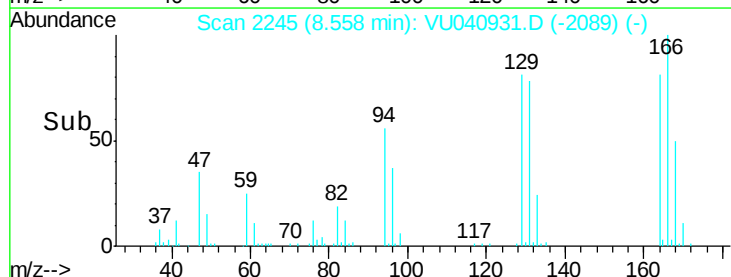
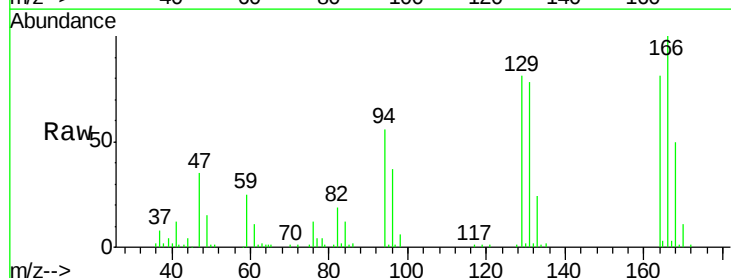
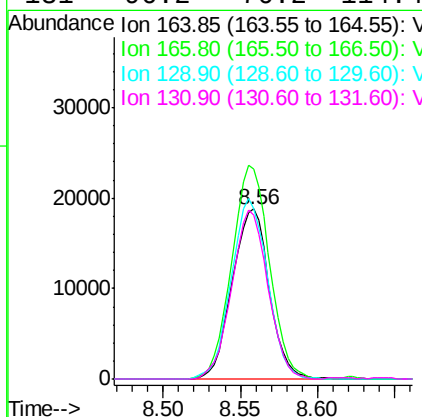
MMDadoda

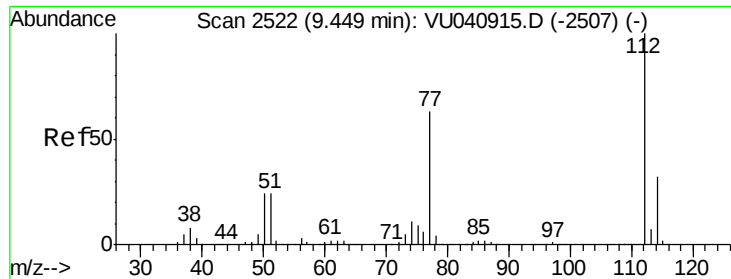
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#58
Tetrachloroethene
Concen: 2.025 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	31295		
166	123.5	100.3	150.5	
129	100.1	79.4	119.0	
131	96.2	76.2	114.4	





#59
Chlorobenzene
Concen: 1.963 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

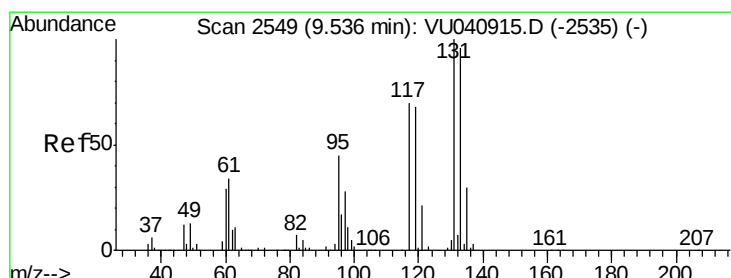
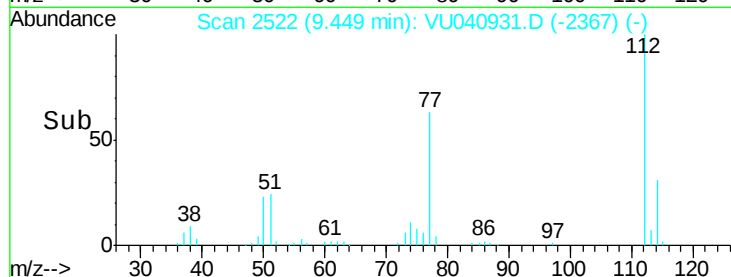
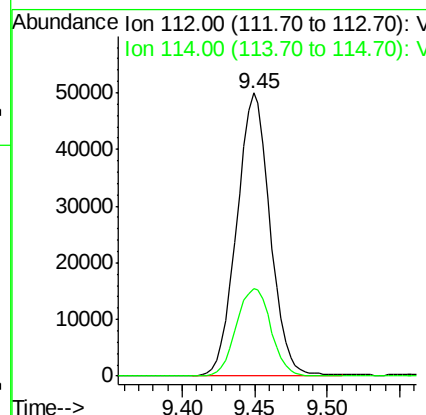
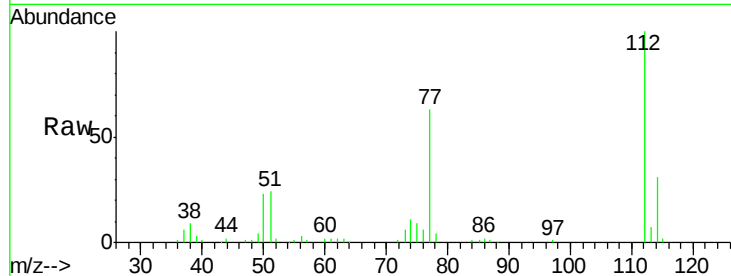
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion:112 Resp: 79907
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8

Manual Integrations
APPROVED

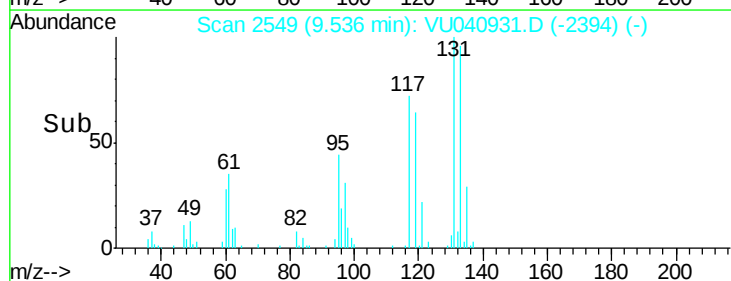
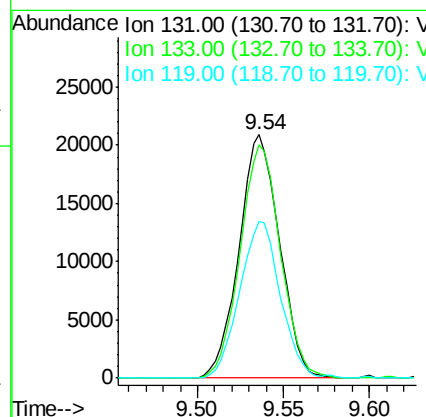
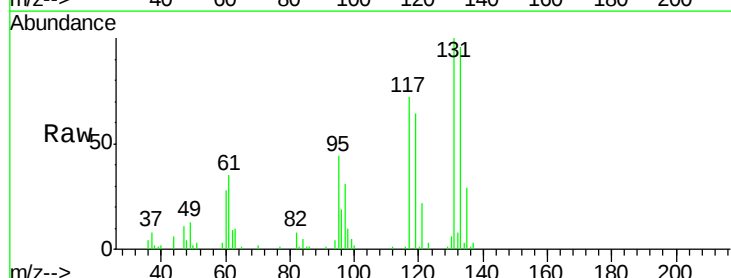
MMDadoda

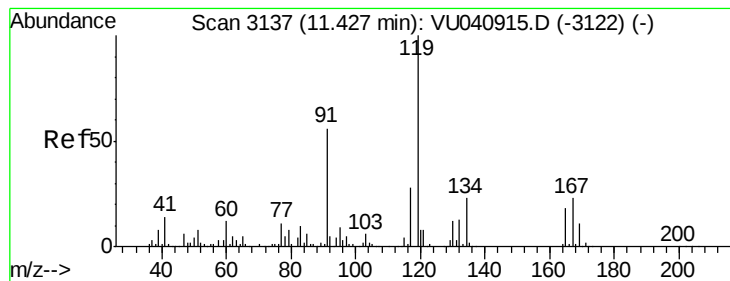
10/26/2020 4:24:20 PM



#60
1,1,1,2-Tetrachloroethane
Concen: 2.143 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion:131 Resp: 34279
Ion Ratio Lower Upper
131 100
133 95.5 77.4 116.0
119 64.2 53.5 80.3





#61

Pentachloroethane

Concen: 2.116 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampled :

VU1023WBSD01

Tot Ion:117 Resp: 27343

Ion Ratio Lower Upper

117 100

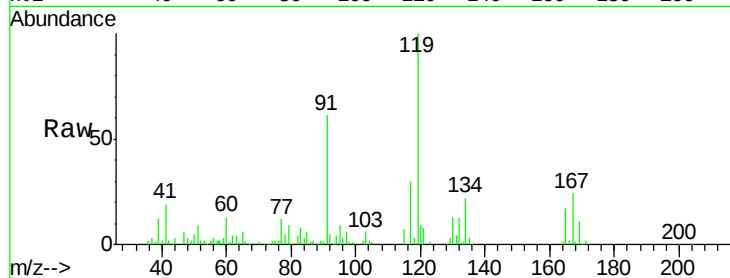
167 74.0 59.4 89.2

Manual Integrations

APPROVED

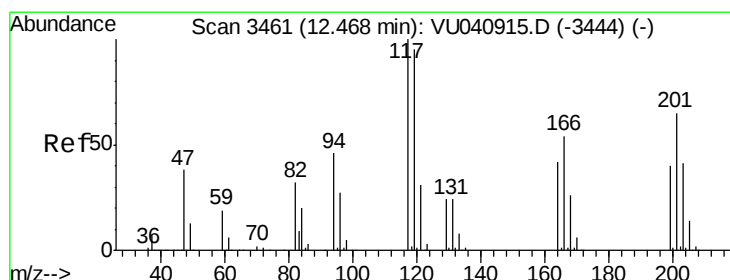
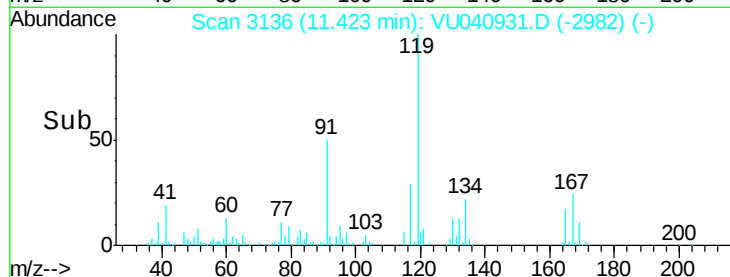
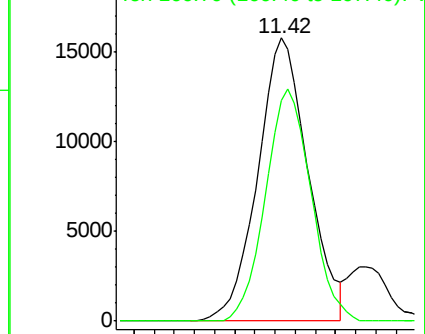
MMDadoda

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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 2.140 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU040931.D

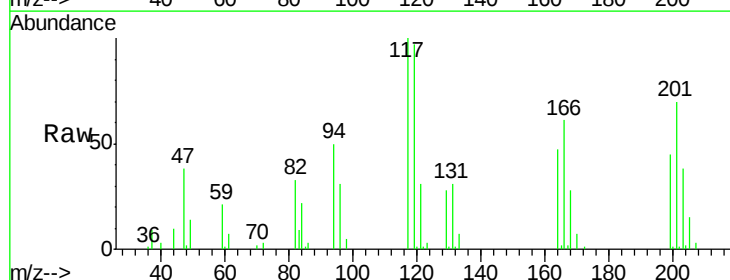
Acq: 23 Oct 2020 12:32

Tgt Ion:117 Resp: 28142

Ion Ratio Lower Upper

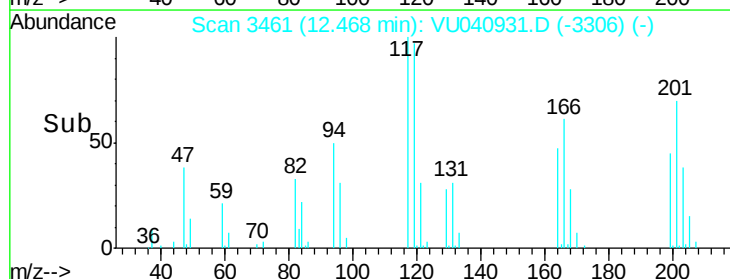
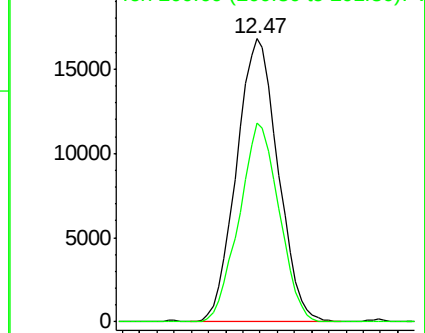
117 100

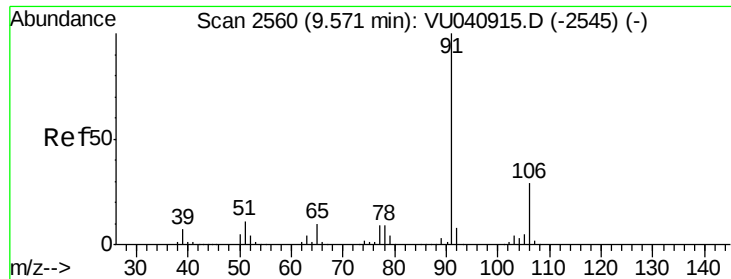
201 67.3 52.6 78.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63
Ethyl Benzene
Concen: 1.831 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

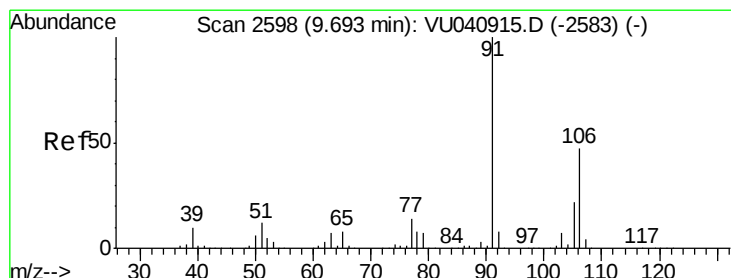
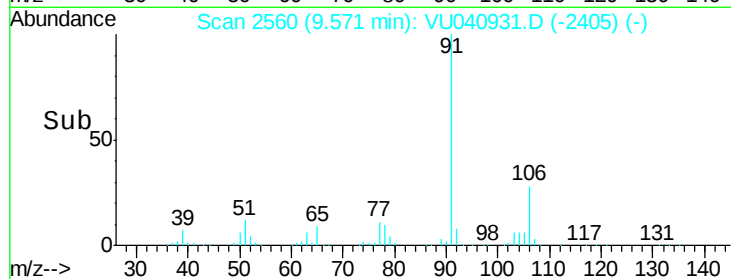
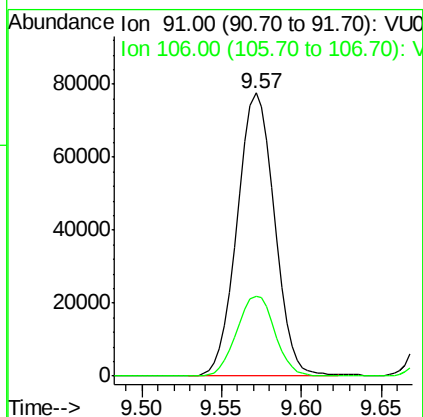
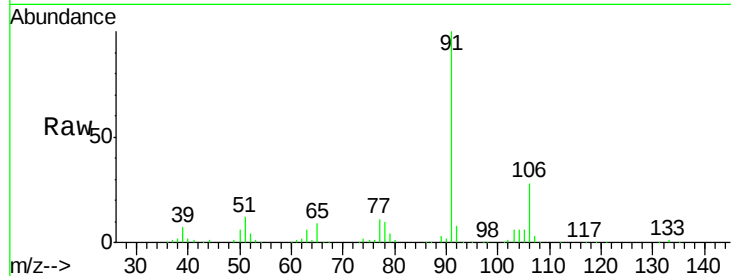
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion: 91 Resp: 123456
Ion Ratio Lower Upper
91 100
106 28.4 23.5 35.3

Manual Integrations
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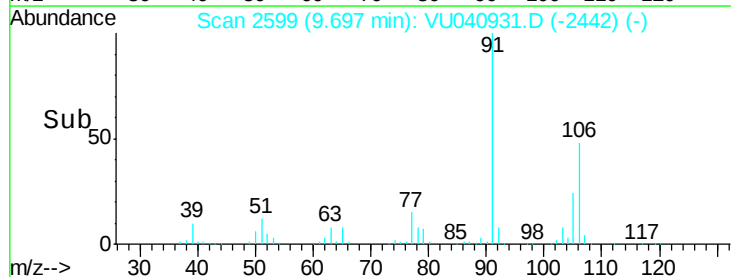
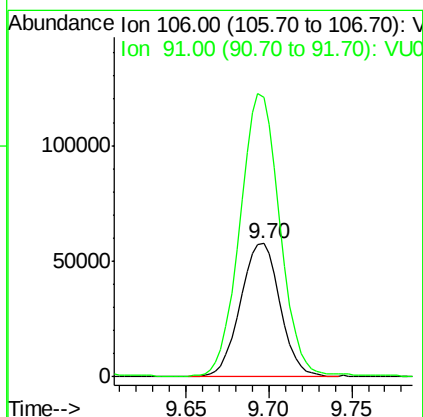
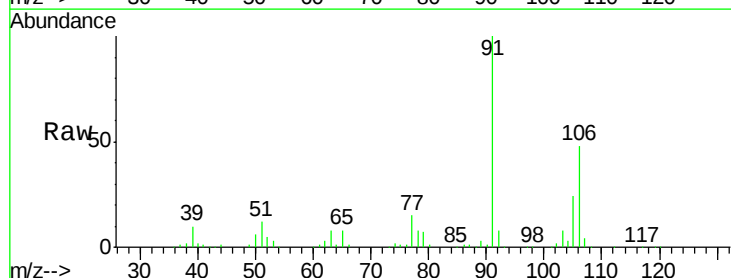
MMDadoda

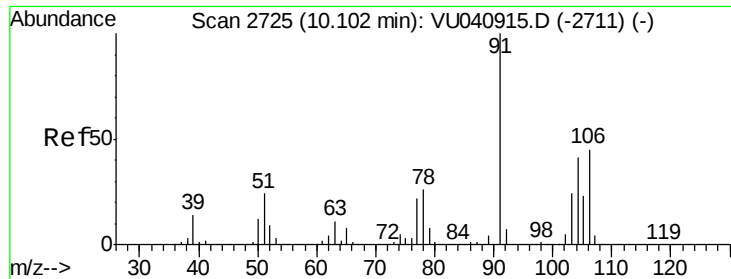
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#64
m/p-Xylenes
Concen: 3.580 ug/l
RT: 9.70 min Scan# 2599
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion: 106 Resp: 96018
Ion Ratio Lower Upper
106 100
91 213.1 168.3 252.5





#65
o-Xylene
Concen: 1.854 ug/l
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

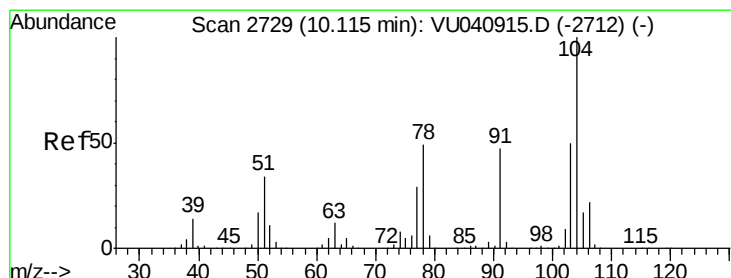
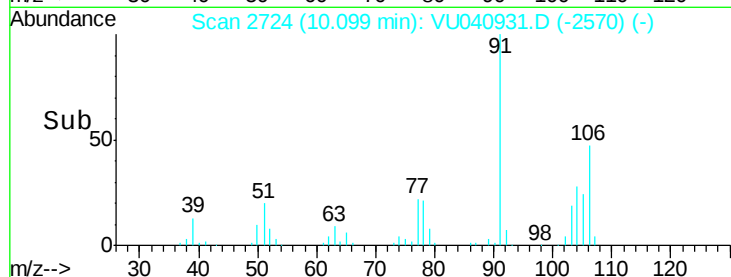
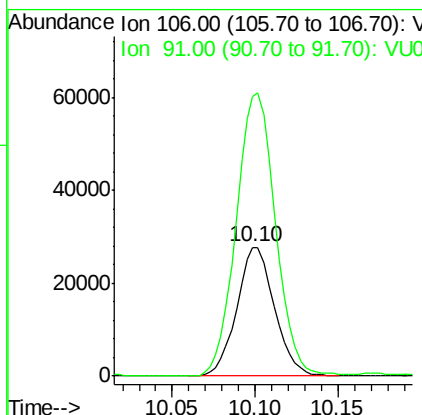
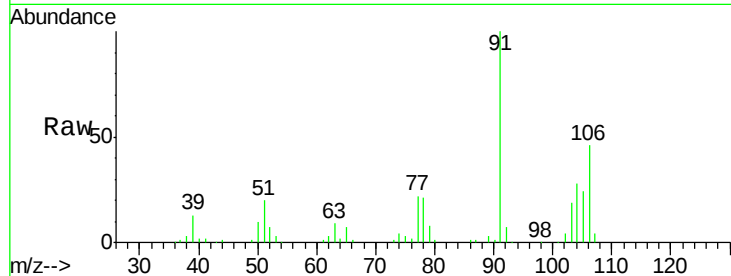
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion:106 Resp: 43905
Ion Ratio Lower Upper
106 100
91 229.3 111.3 333.9

Manual Integrations
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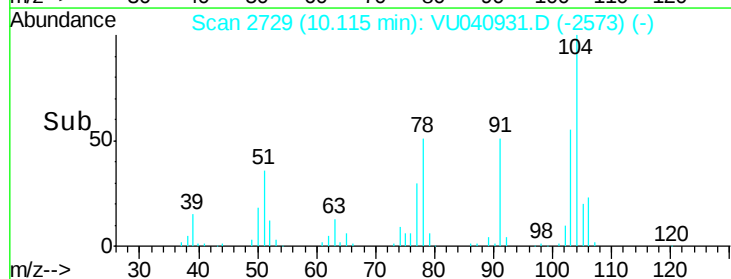
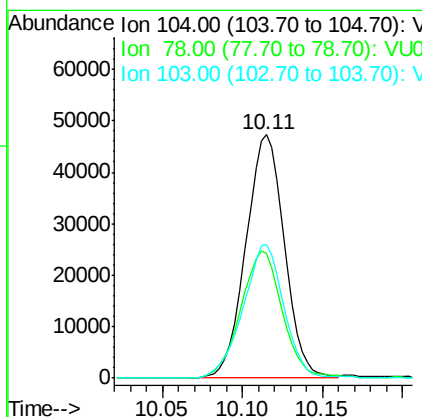
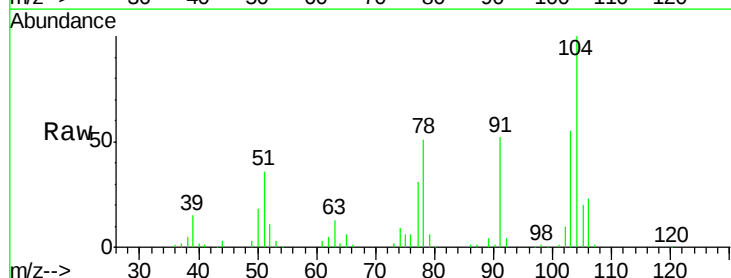
MMDadoda

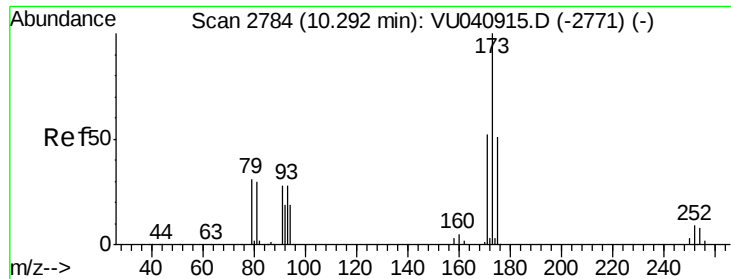
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#66
Styrene
Concen: 1.805 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion:104 Resp: 78116
Ion Ratio Lower Upper
104 100
78 56.7 43.4 65.0
103 57.7 43.1 64.7





#67
Bromoform
Concen: 2.017 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

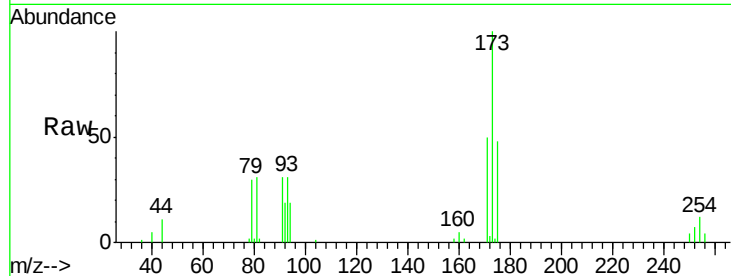
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.3	39.0	58.4
254	9.0	6.6	9.8

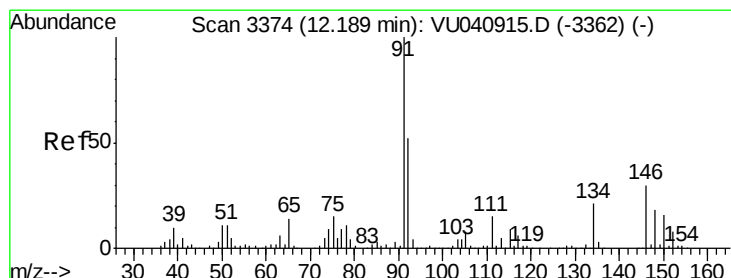
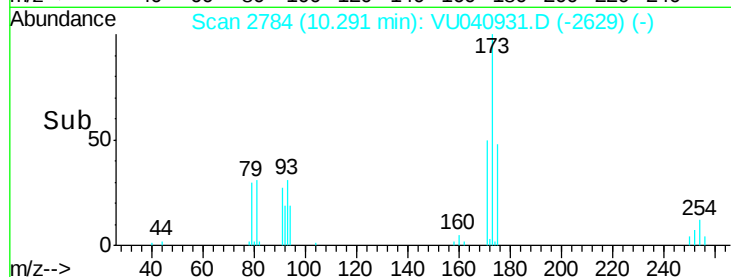
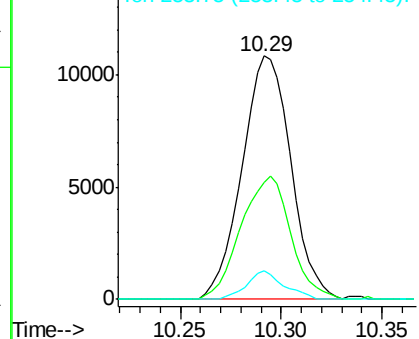
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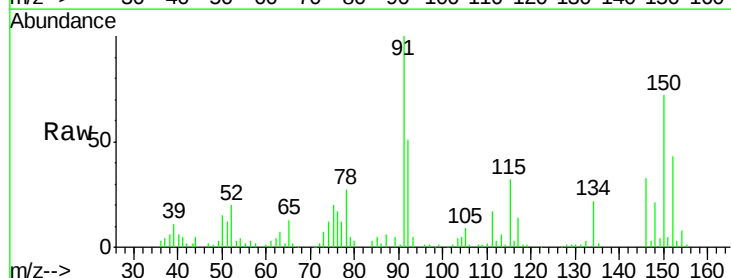


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

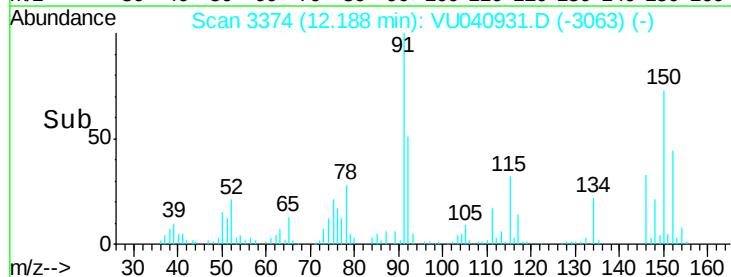
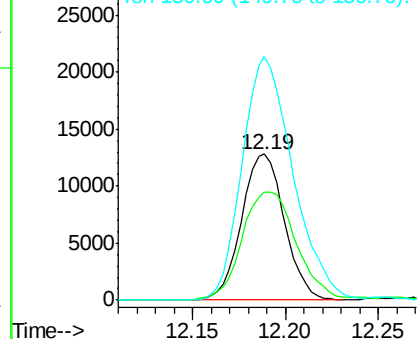


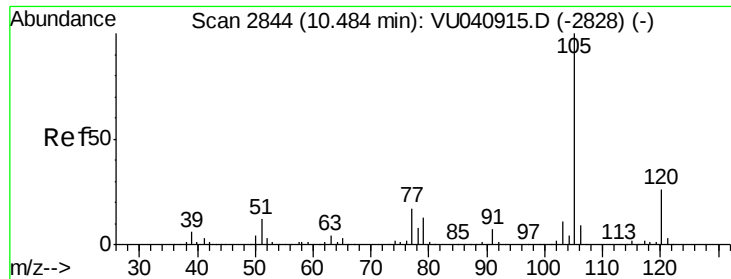
#68
1,2-Dichlorobenzene-d4
Concen: 0.990 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	95.1	0.0	323.4
150	198.3	0.0	653.8



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





#69

Isopropylbenzene

Concen: 1.847 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion: 105 Resp: 116628

Ion Ratio Lower Upper

105 100

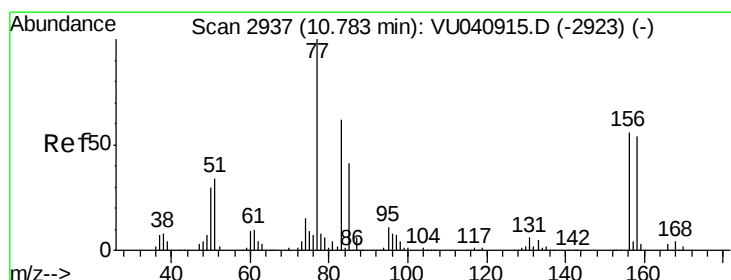
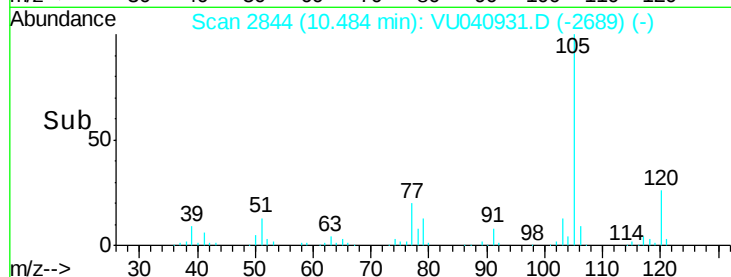
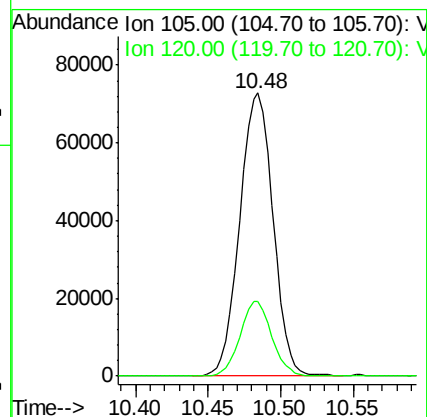
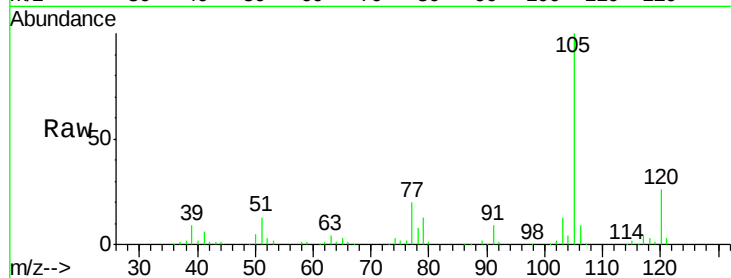
120 25.1 12.9 38.6

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 2.173 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

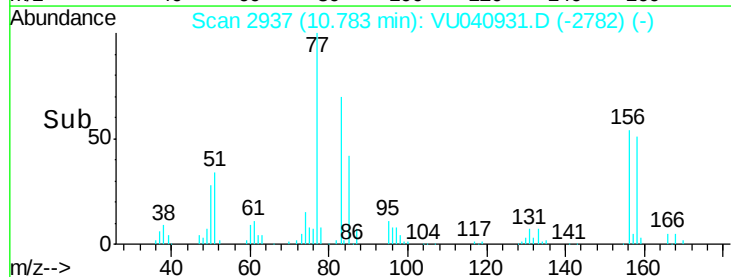
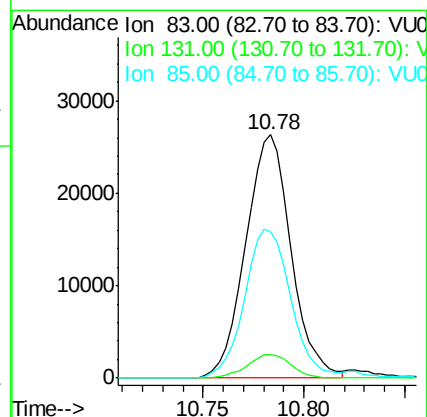
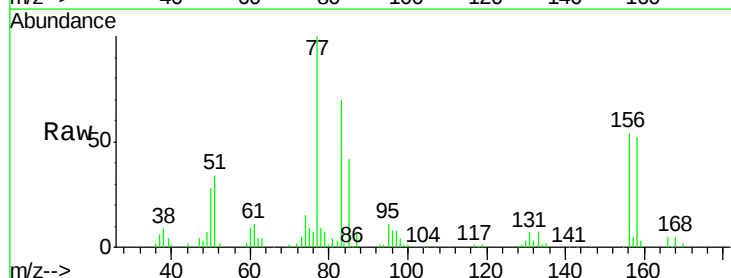
Tgt Ion: 83 Resp: 41561

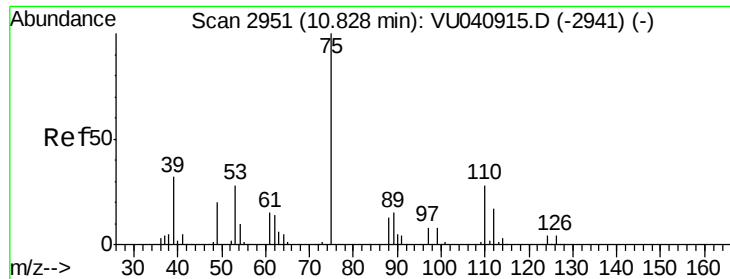
Ion Ratio Lower Upper

83 100

131 9.3 7.1 10.7

85 62.4 51.8 77.6





#71
1,2,3-Trichloropropane
Concen: 2.198 ug/l m
RT: 10.83 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

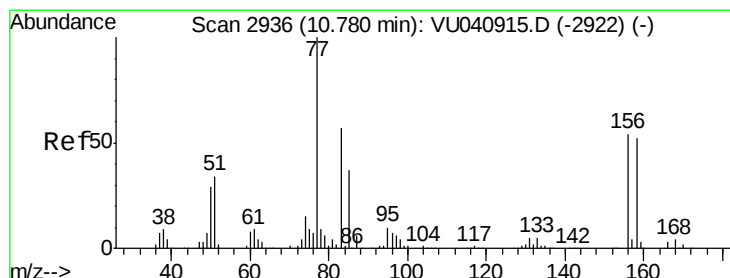
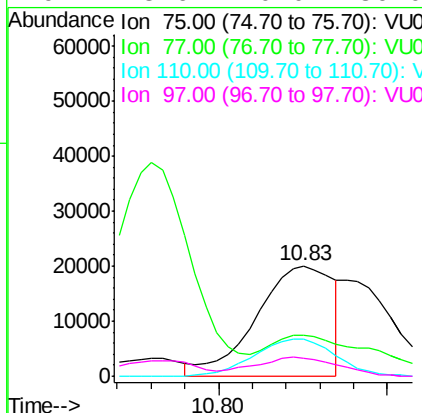
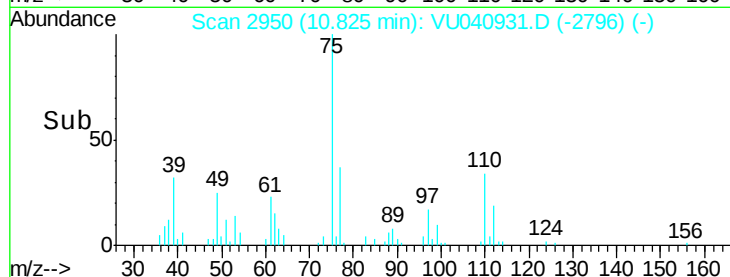
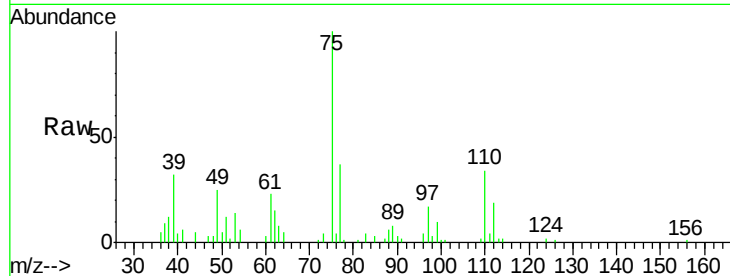
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion:	75	Resp:	32050
Ion	Ratio	Lower	Upper
75	100		
77	49.1	0.0	110.8
110	35.4	0.0	73.4
97	18.6	0.0	36.0

Manual Integrations
APPROVED

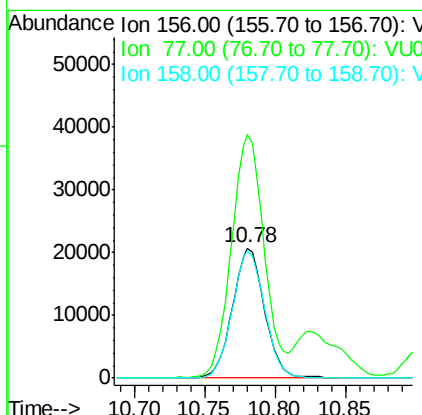
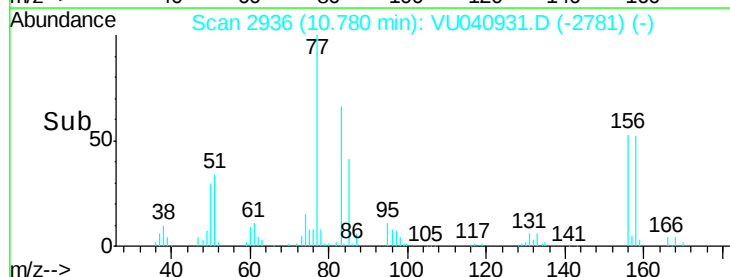
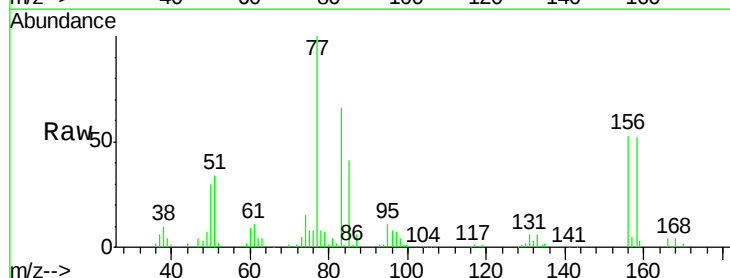
MMDadoda

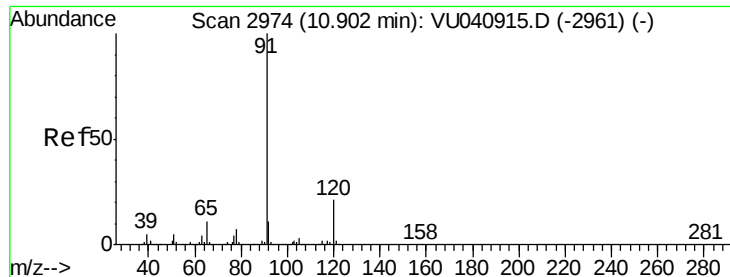
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#72
Bromobenzene
Concen: 2.005 ug/l
RT: 10.78 min Scan# 2936
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion:	156	Resp:	33014
Ion	Ratio	Lower	Upper
156	100		
77	189.8	0.0	370.2
158	98.2	0.0	193.2





#73

n-propylbenzene

Concen: 1.757 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion:120 Resp: 32763

Ion Ratio Lower Upper

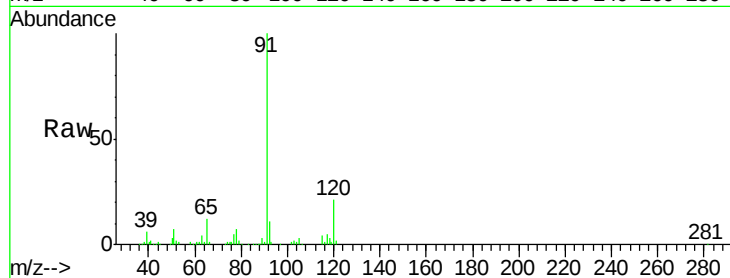
120 100

91 491.6 370.8 556.2

Manual Integrations
APPROVED

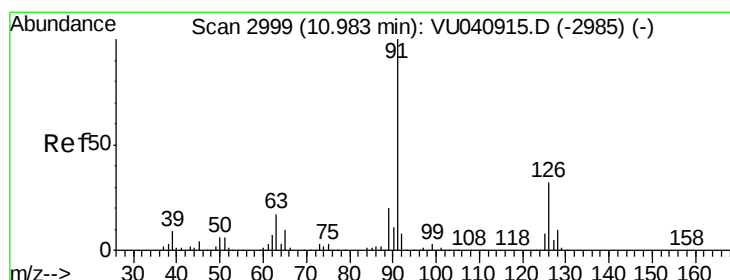
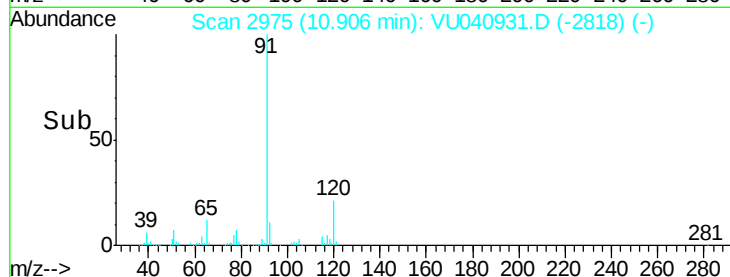
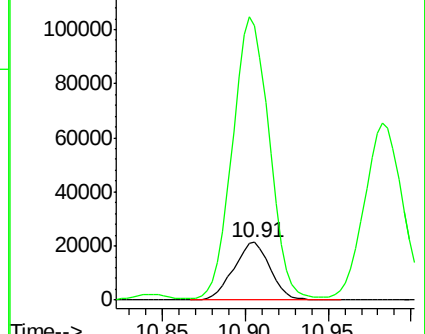
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.018 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU040931.D

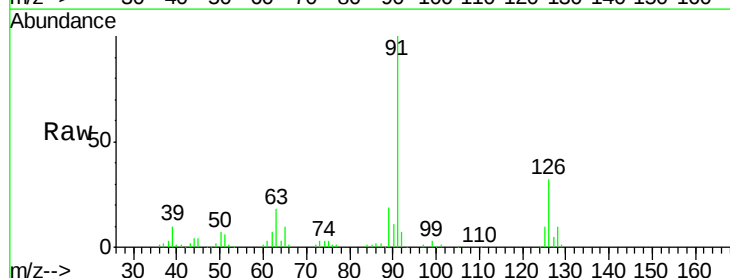
Acq: 23 Oct 2020 12:32

Tgt Ion:126 Resp: 33062

Ion Ratio Lower Upper

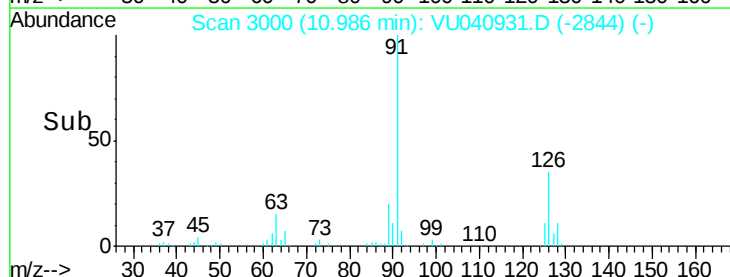
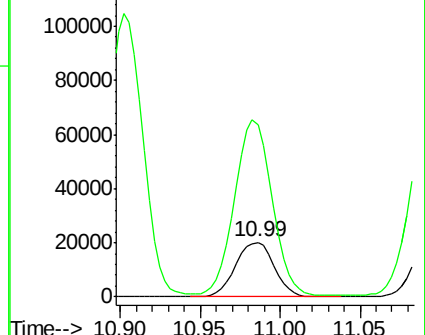
126 100

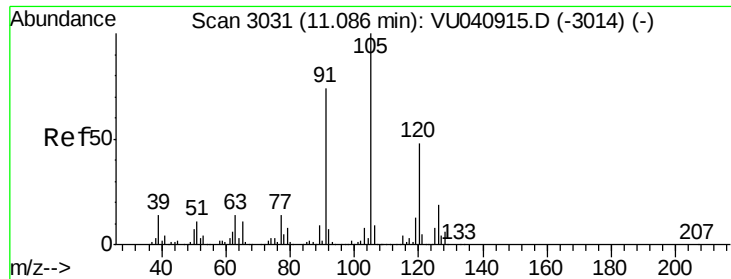
91 312.2 0.0 633.2



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: 1.866 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion:105 Resp: 109717

Ion Ratio Lower Upper

105 100

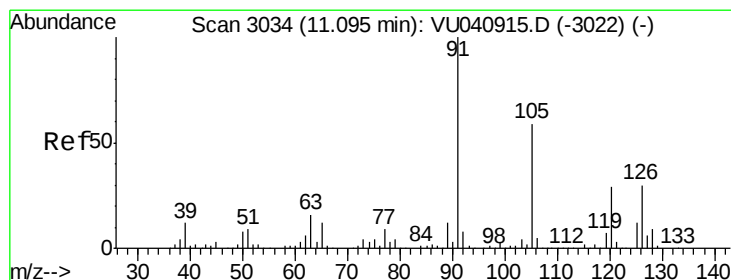
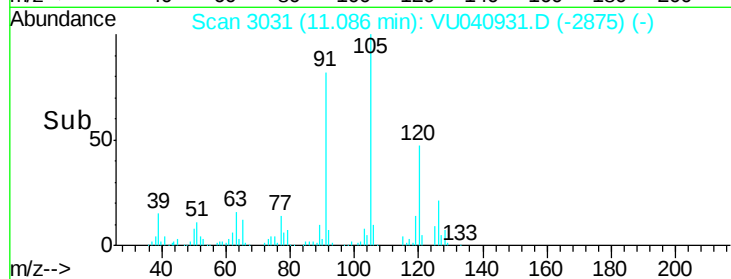
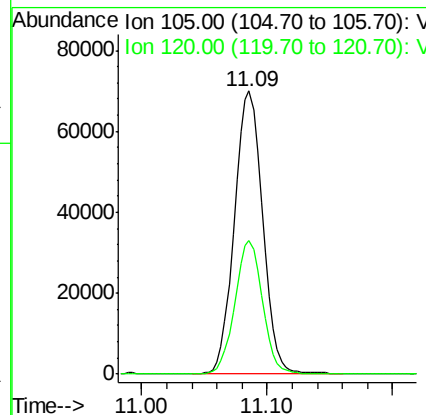
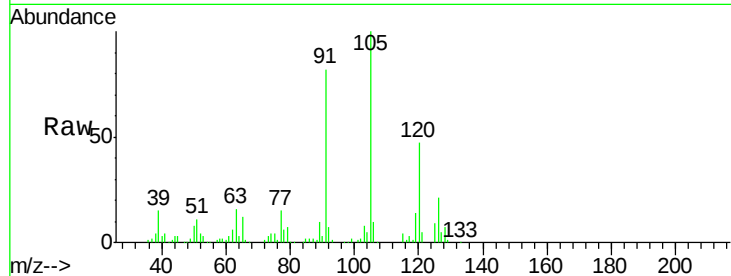
120 45.9 38.7 58.1

Manual Integrations

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#76

4-Chlorotoluene

Concen: 2.146 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040931.D

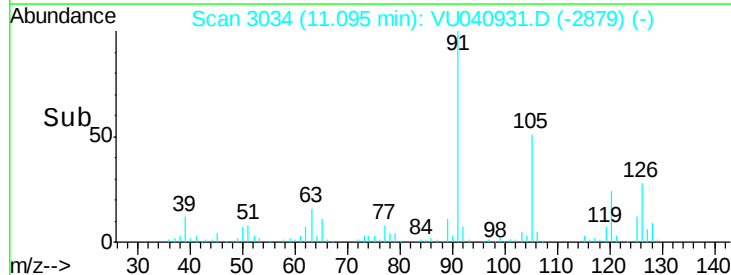
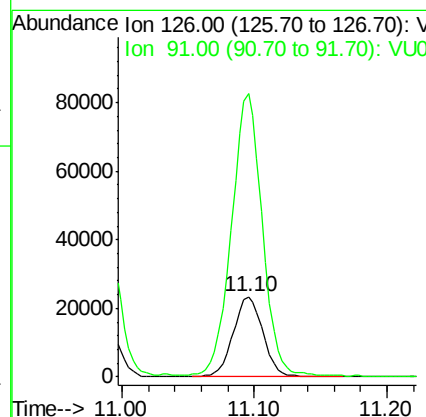
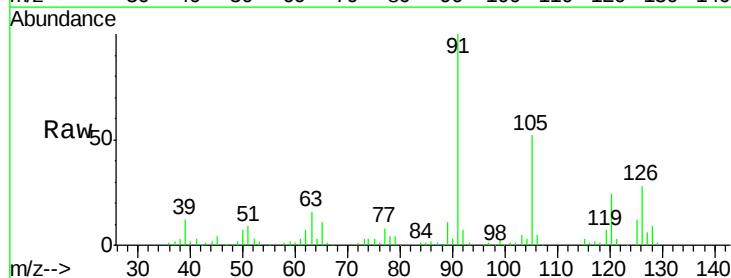
Acq: 23 Oct 2020 12:32

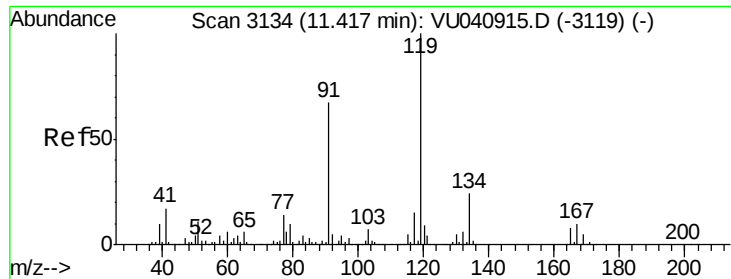
Tgt Ion:126 Resp: 36447

Ion Ratio Lower Upper

126 100

91 363.0 0.0 730.4





#77
 tert-Butylbenzene
 Concen: 1.938 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

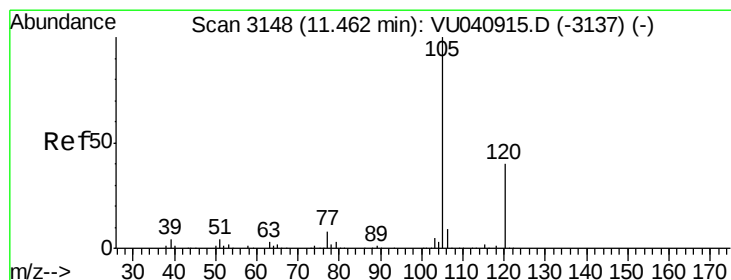
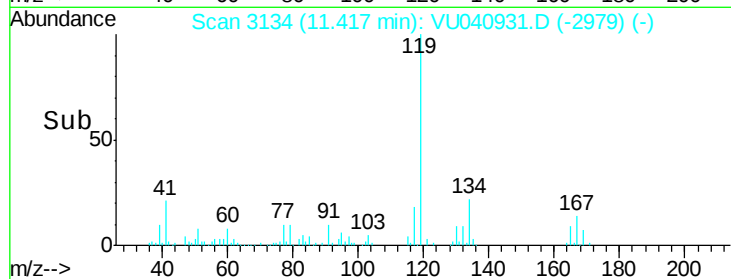
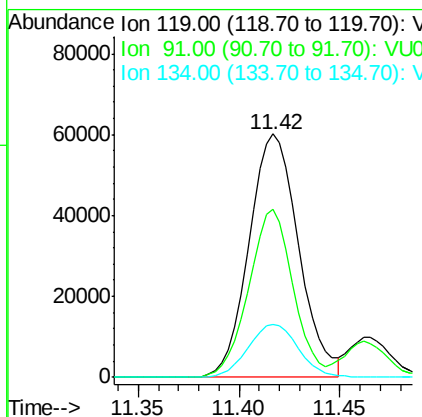
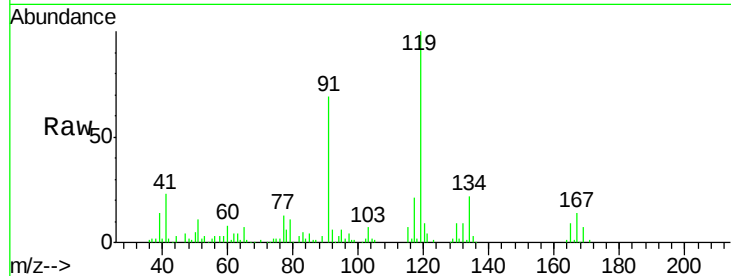
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	32.0	96.2
134	22.2	18.4	27.6

Manual Integrations
 APPROVED

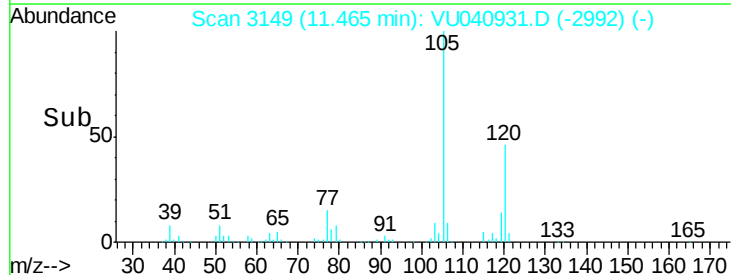
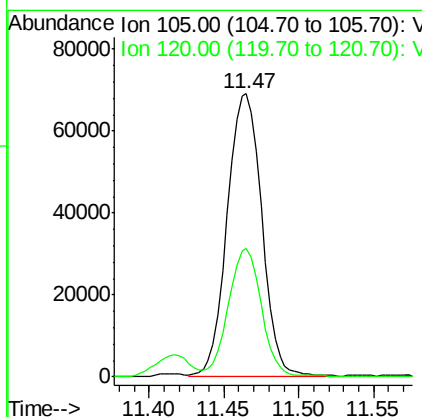
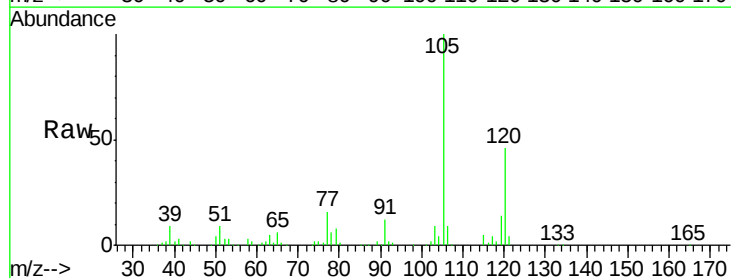
MMDadoda

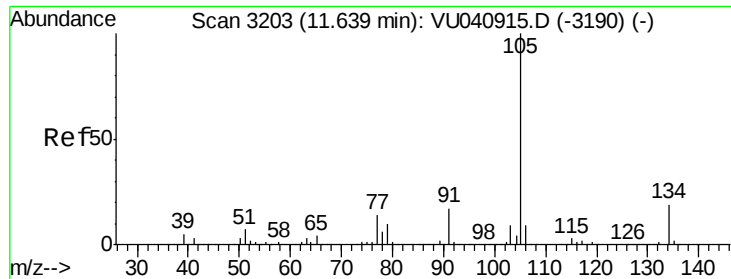
10/26/2020 4:24:20 PM



#78
 1,2,4-Trimethylbenzene
 Concen: 1.823 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. 0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.4	22.6	67.8





#79

sec-Butylbenzene

Concen: 1.982 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

Instrument :

MSVOA_U

ClientSampleId :

VU1023WBSD01

Tot Ion:105 Resp: 146845

Ion Ratio Lower Upper

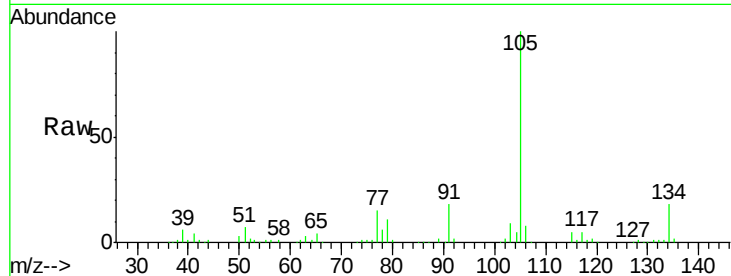
105 100

134 18.5 15.4 23.0

Manual Integrations
APPROVED

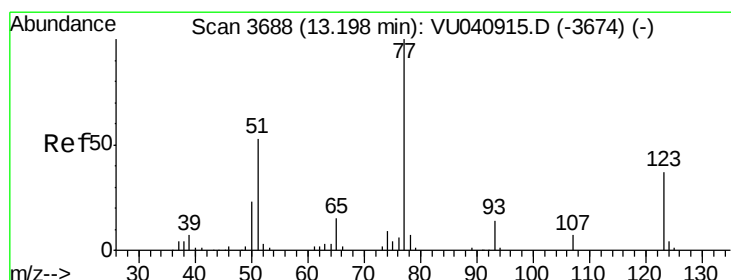
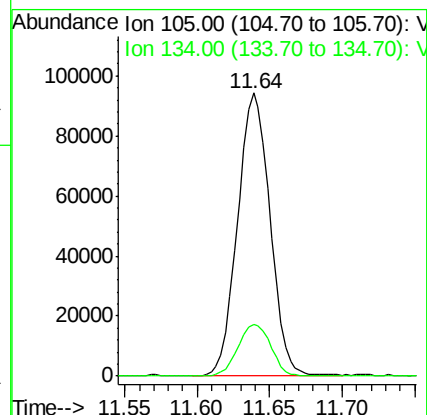
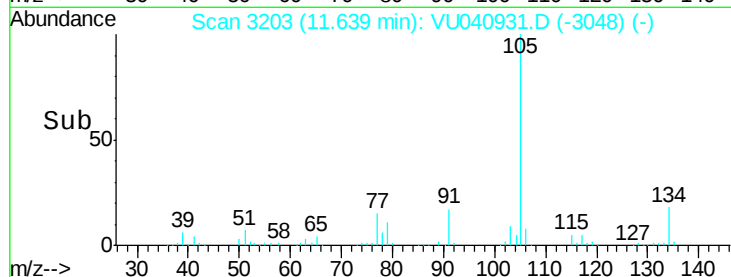
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 10.715 ug/l

RT: 13.20 min Scan# 3690

Delta R.T. 0.01 min

Lab File: VU040931.D

Acq: 23 Oct 2020 12:32

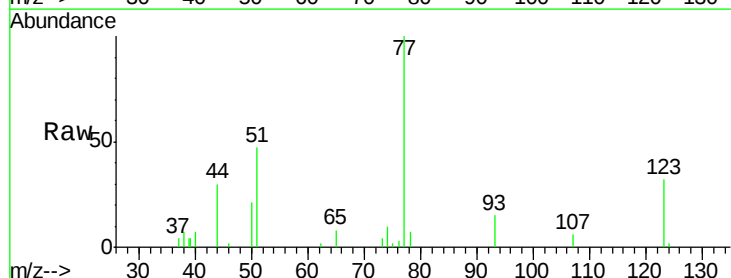
Tgt Ion: 77 Resp: 9693

Ion Ratio Lower Upper

77 100

123 34.9 16.8 59.4

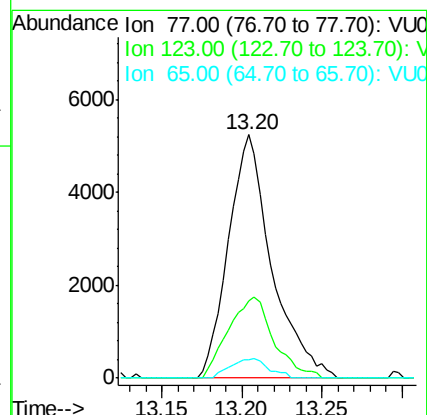
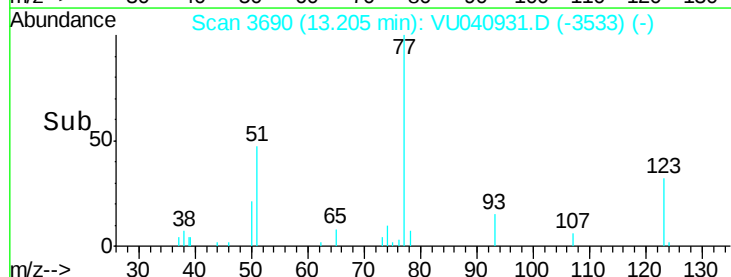
65 7.1 11.0 14.0#

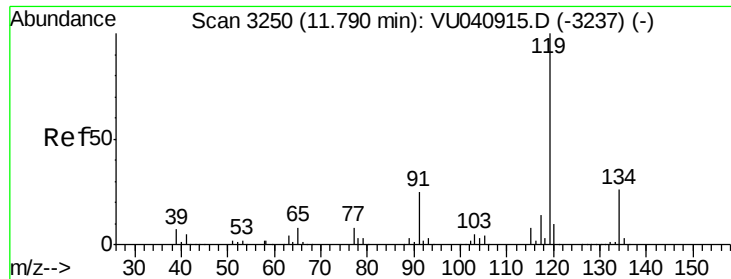


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81
 p-Isopropyltoluene
 Concen: 1.884 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

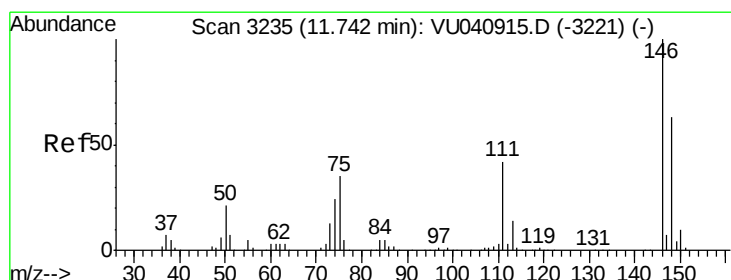
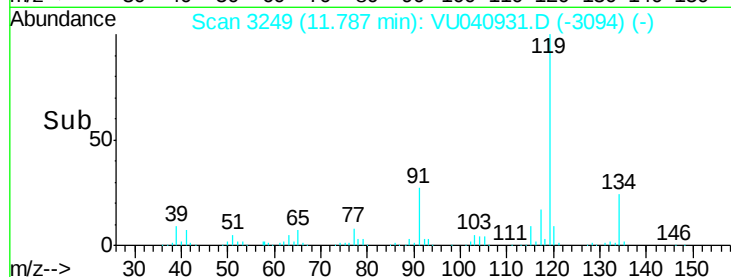
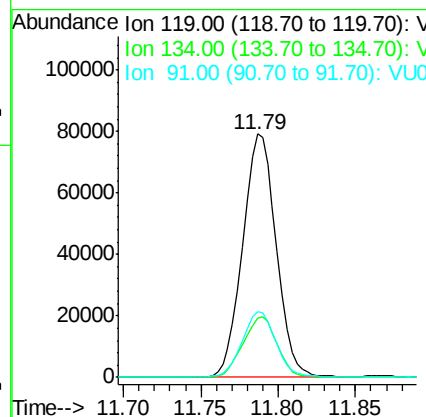
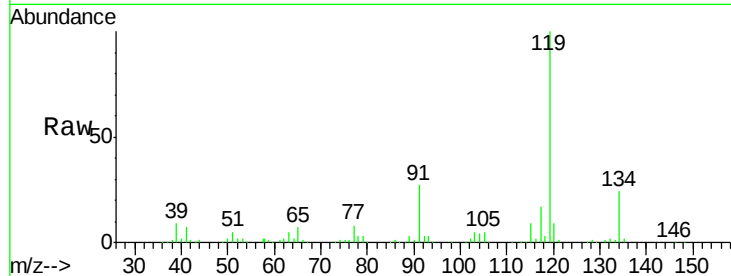
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.4	30.6
91	27.6	20.4	30.6

Manual Integrations
 APPROVED

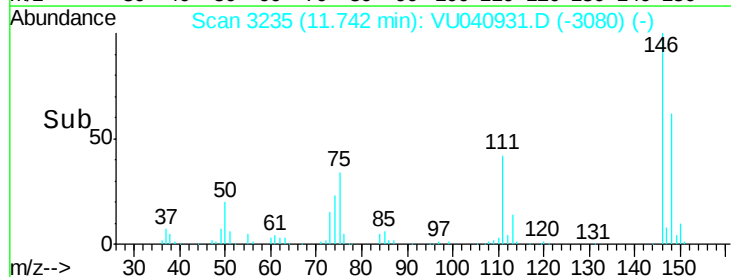
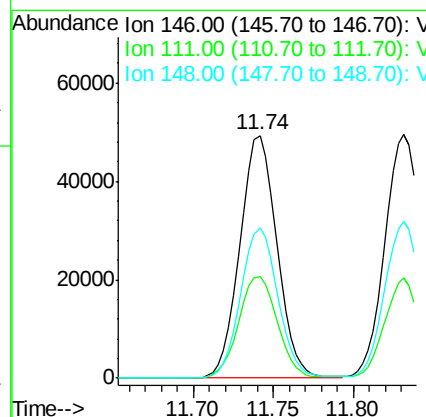
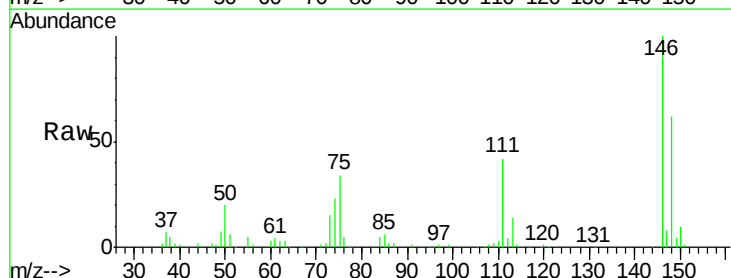
MMDadoda

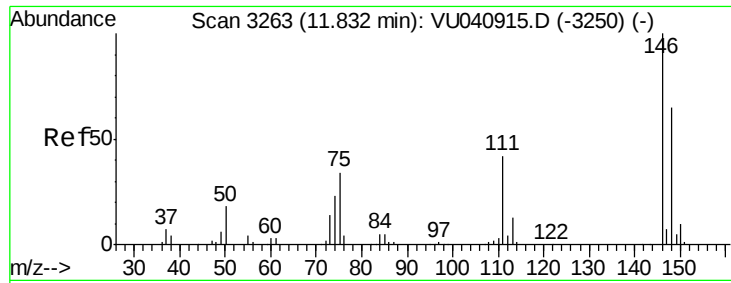
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#82
 1,3-Dichlorobenzene
 Concen: 2.164 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	33.6	50.4
148	62.6	50.1	75.1





#83
 1,4-Dichlorobenzene
 Concen: 2.170 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

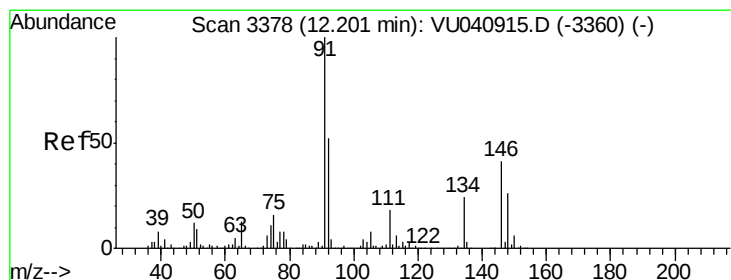
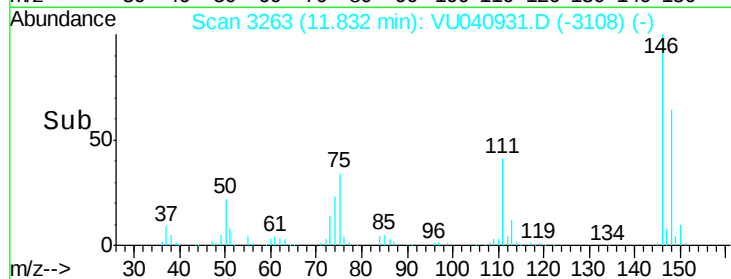
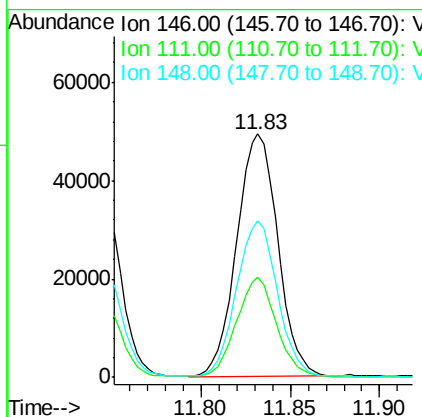
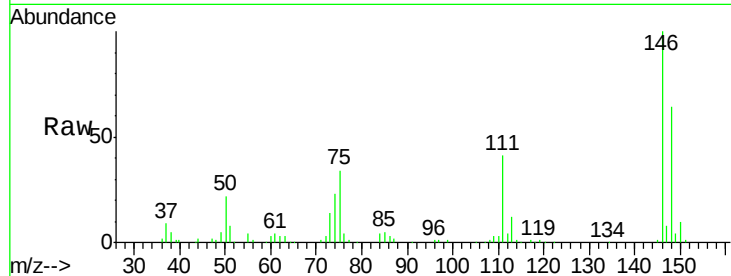
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	33.7	50.5
148	65.2	50.6	75.8

Manual Integrations
 APPROVED

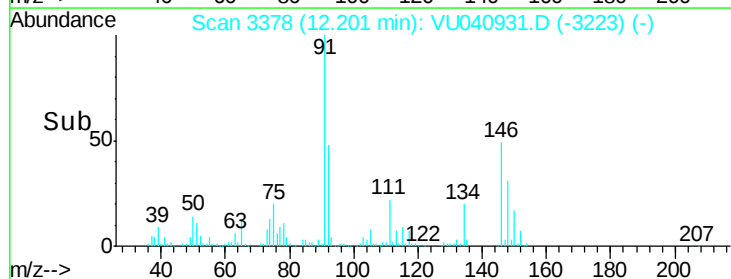
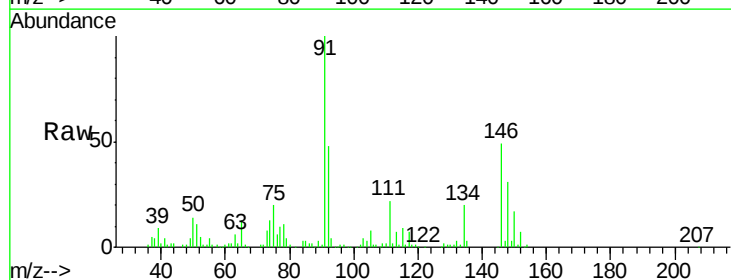
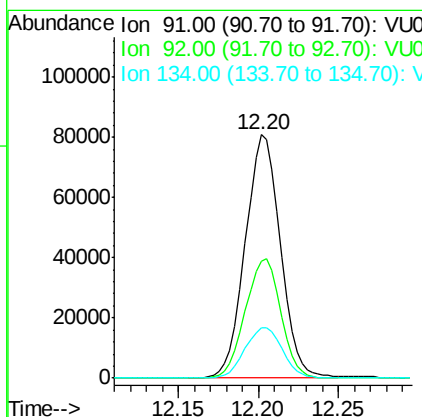
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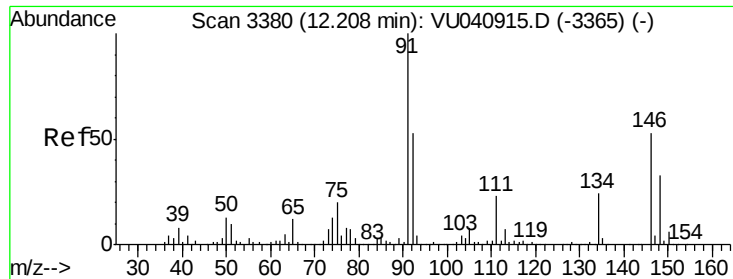
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#84
 n-Butylbenzene
 Concen: 1.965 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	49.3	41.7	62.5
134	22.1	18.6	28.0





#85
 1,2-Dichlorobenzene
 Concen: 2.124 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

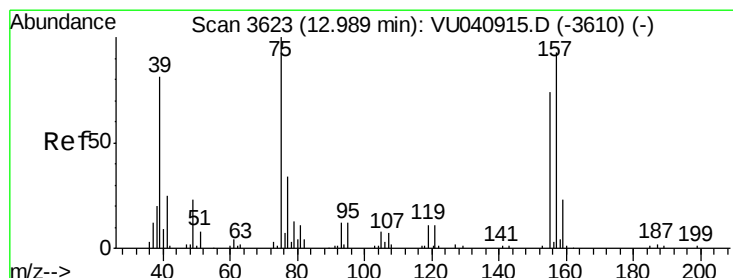
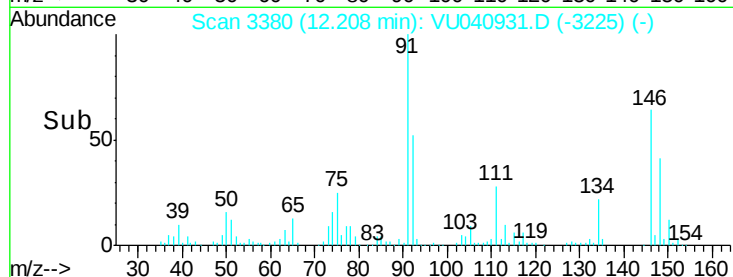
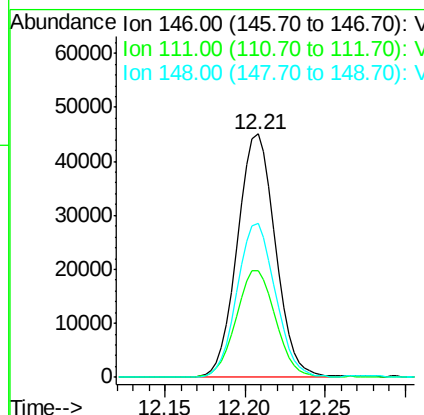
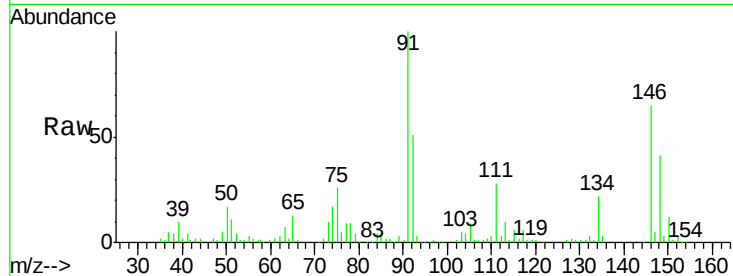
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.6	22.3	66.9
148	63.7	31.5	94.5

Manual Integrations
 APPROVED

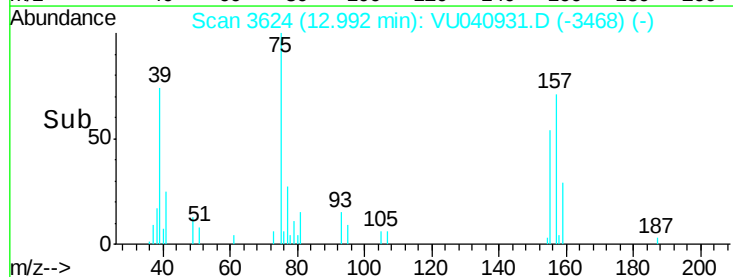
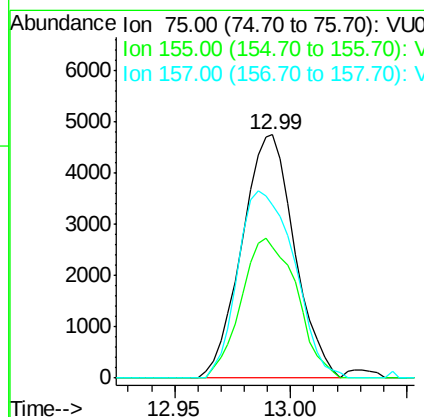
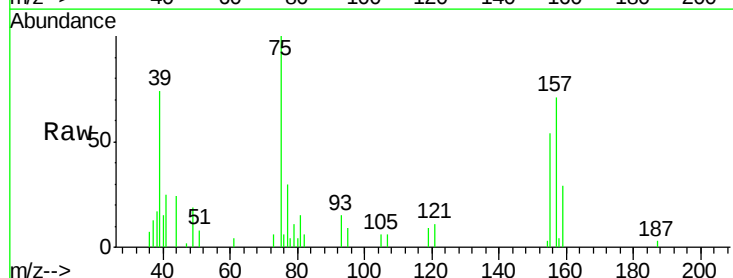
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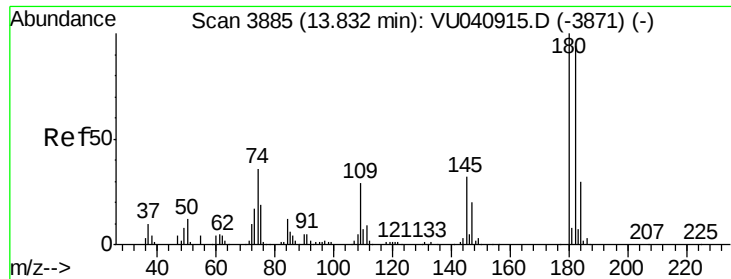
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.091 ug/l
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	60.6	57.1	85.7
157	82.9	72.4	108.6





#87
 1,2,4-Trichlorobenzene
 Concen: 1.797 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

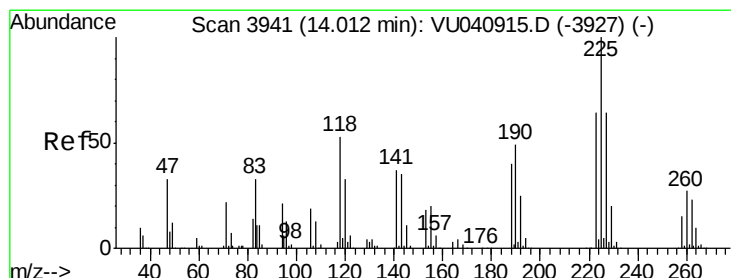
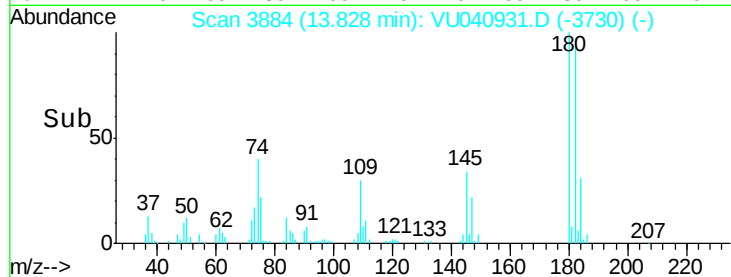
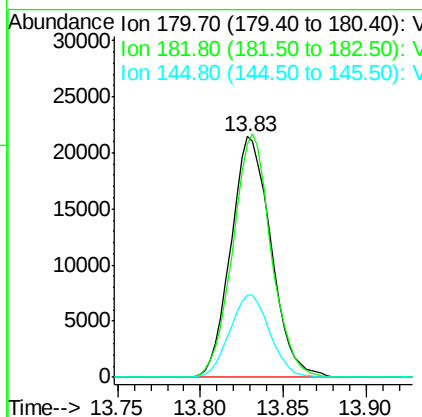
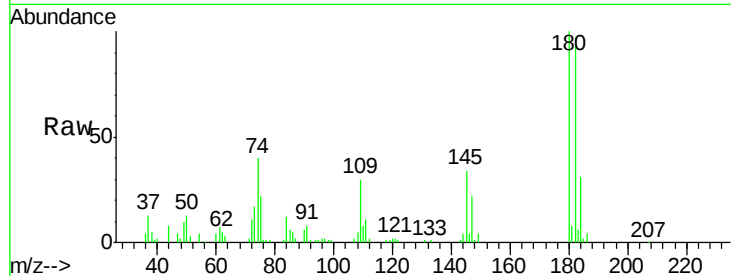
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.4	75.4	113.2
145	34.2	25.4	38.0

Manual Integrations
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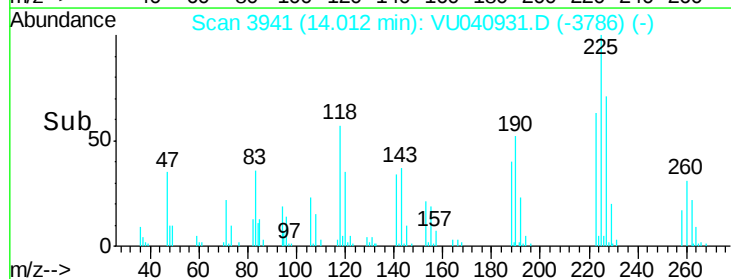
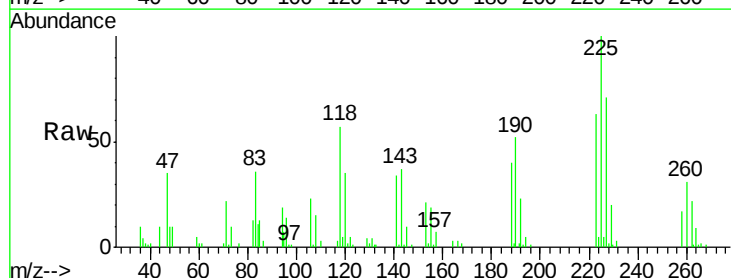
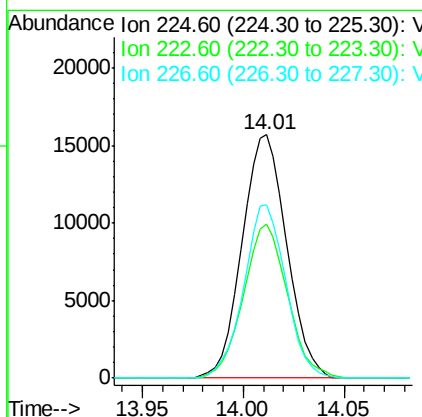
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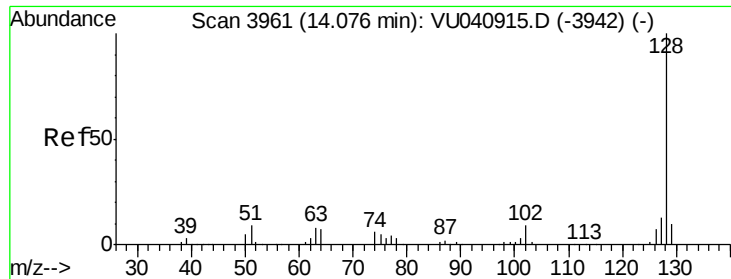
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#88
 Hexachlorobutadiene
 Concen: 2.151 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040931.D
 Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.9	74.9
227	67.2	51.1	76.7





#89
Naphthalene
Concen: 1.871 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

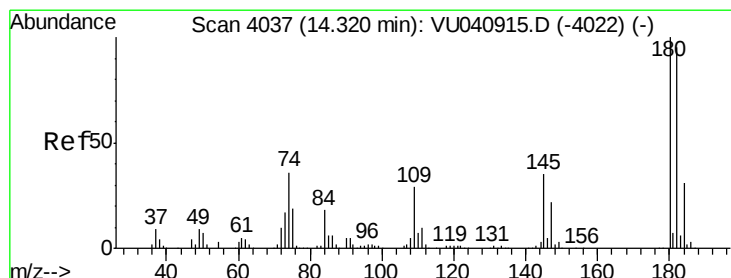
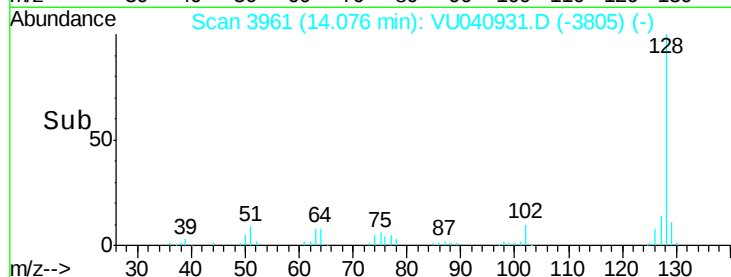
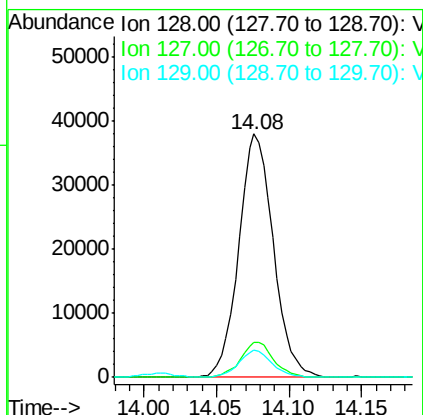
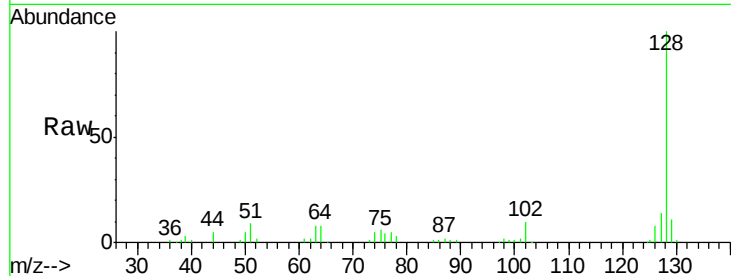
Instrument :
MSVOA_U
ClientSampleId :
VU1023WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	10.7	8.6	13.0

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 1.885 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU040931.D
Acq: 23 Oct 2020 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	76.0	114.0
145	36.2	28.0	42.0

