

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040911.D
 Acq On : 22 Oct 2020 18:34
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 4:14:28 PM

Quant Time: Oct 23 06:49:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 06:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	53358	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	18829	0.88	ug/l	0.00
Spiked Amount 1.000			Recovery	=	88.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	19075	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	13207	0.801	ug/l	100
3) Chloromethane	1.53	50	13916	0.796	ug/l	96
4) Vinyl Chloride	1.61	62	13274	0.775	ug/l	93
5) Bromomethane	1.86	94	8644	0.713	ug/l	92
6) Chloroethane	1.94	64	9062	0.817	ug/l	90
7) Trichlorofluoromethane	2.15	101	15726	0.638	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	8847	0.626	ug/l	95
9) 1,1-Dichloroethene	2.59	96	7603	0.630	ug/l	94
10) Iodomethane	2.73	142	4167	0.419	ug/l	91
11) Allyl Chloride	2.93	41	16094	0.670	ug/l	95
12) Acrylonitrile	3.33	53	5337	1.267	ug/l #	77
13) Acetone	2.64	43	12741	3.399	ug/l	93
14) Carbon Disulfide	2.81	76	28823	0.804	ug/l	97
15) Methylene Chloride	3.06	84	11648	0.643	ug/l	89
16) trans-1,2-Dichloroethene	3.37	96	8673	0.661	ug/l	99
17) 1,1-Dichloroethane	3.89	63	18140	0.637	ug/l	96
18) 2-Butanone	4.74	43	17538	2.991	ug/l	97
19) Cyclohexane	5.40	56	17241m	0.708	ug/l	
20) Methylcyclohexane	6.76	83	11044	0.507	ug/l #	86
21) 2,2-Dichloropropane	4.69	77	16507	0.625	ug/l	97
22) cis-1,2-Dichloroethene	4.68	96	10138	0.677	ug/l	92
23) Diethyl Ether	2.39	59	7456	0.646	ug/l	96
24) tert-Butyl Alcohol	3.22	59	10016	6.583	ug/l #	89
25) Methyl tert-Butyl Ether	3.39	73	24718	0.624	ug/l	96
26) Bromochloromethane	4.99	128	3851	0.587	ug/l	95
27) Chloroform	5.11	83	17316	0.607	ug/l	94
28) 1,1,1-Trichloroethane	5.33	97	15312	0.621	ug/l	92
29) 1,1-Dichloropropene	5.54	75	13166	0.621	ug/l	97
30) Carbon Tetrachloride	5.53	117	13769	0.617	ug/l	96
31) Isopropyl Ether	4.02	45	28229	0.589	ug/l	97
32) Ethyl-t-butyl ether	4.53	59	23913	0.554	ug/l	98
33) Tert-Amyl methyl ether	5.96	73	16273	0.437	ug/l	99
34) Propionitrile	4.81	54	5019	3.359	ug/l #	76
35) Benzene	5.78	78	34279	0.585	ug/l	95
36) 1,2-Dichloroethane	5.81	62	13140	0.584	ug/l	97
37) Trichloroethene	6.55	130	8473	0.577	ug/l	86
38) 1,2-Dichloropropane	6.81	63	10023	0.592	ug/l	89
39) Methacrylonitrile	5.00	41	4531	0.572	ug/l #	88
40) Methyl acrylate	4.87	55	6154	0.601	ug/l #	90
41) Tetrahydrofuran	5.09	42	5415	1.409	ug/l	95
42) 1-Chlorobutane	5.47	56	19430	0.619	ug/l	95

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Manual Integrations
 APPROVED

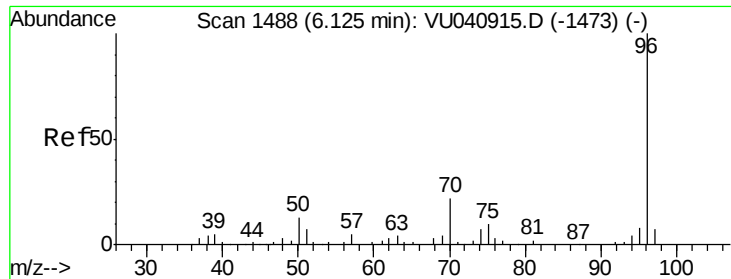
MMDadoda
 10/26/2020 4:14:28 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Dibromomethane	6.93	93	5669	0.583	ug/l	97
44) Bromodichloromethane	7.12	83	12941	0.556	ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	31683	2.375	ug/l	95
46) t-1,4-Dichloro-2-butene	10.84	75	4263m	0.845	ug/l	
47) Methyl methacrylate	6.98	69	7430	0.884	ug/l #	90
48) Ethyl methacrylate	8.35	69	6204	0.413	ug/l	90
49) Toluene	7.97	92	16387	0.463	ug/l	93
50) t-1,3-Dichloropropene	8.21	75	10072	0.483	ug/l	90
51) cis-1,3-Dichloropropene	7.62	75	11139	0.481	ug/l	95
52) 1,1,2-Trichloroethane	8.41	97	6373	0.511	ug/l	97
53) 1,3-Dichloropropane	8.58	76	11654	0.521	ug/l	97
54) 2-Hexanone	8.70	43	22026	2.294	ug/l	88
55) Dibromochloromethane	8.82	129	8621	0.594	ug/l	84
56) 1,2-Dibromoethane	8.93	107	6351	0.545	ug/l	98
58) Tetrachloroethene	8.56	164	8326	0.589	ug/l	85
59) Chlorobenzene	9.45	112	18245	0.474	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	8055	0.569	ug/l	98
61) Pentachloroethane	11.42	117	6382	0.638	ug/l	96
62) Hexachloroethane	12.46	117	6215	0.507	ug/l	97
63) Ethyl Benzene	9.57	91	28675	0.436	ug/l	93
64) m/p-Xylenes	9.69	106	18411	0.744	ug/l	94
65) o-Xylene	10.10	106	9369	0.395	ug/l	92
66) Styrene	10.11	104	15024	0.360	ug/l	96
67) Bromoform	10.29	173	4566	0.605	ug/l #	93
69) Isopropylbenzene	10.48	105	24032	0.371	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	8872	0.531	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	7205m	0.561	ug/l	
72) Bromobenzene	10.78	156	7155	0.466	ug/l	96
73) n-propylbenzene	10.90	120	6669	0.371	ug/l	90
74) 2-Chlorotoluene	10.99	126	6865	0.437	ug/l	88
75) 1,3,5-Trimethylbenzene	11.09	105	20443	0.360	ug/l	99
76) 4-Chlorotoluene	11.10	126	6147	0.364	ug/l	92
77) tert-Butylbenzene	11.42	119	20746	0.392	ug/l	96
78) 1,2,4-Trimethylbenzene	11.46	105	19486	0.326	ug/l	100
79) sec-Butylbenzene	11.64	105	27171	0.356	ug/l	99
80) Nitrobenzene	13.20	77	1971	2.846	ug/l #	71
81) p-Isopropyltoluene	11.79	119	20851	0.341	ug/l	97
82) 1,3-Dichlorobenzene	11.74	146	17185	0.512	ug/l	95
83) 1,4-Dichlorobenzene	11.83	146	16103	0.484	ug/l	95
84) n-Butylbenzene	12.20	91	22966	0.368	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	14851	0.460	ug/l	93
86) 1,2-Dibromo-3-Chloropropan	12.99	75	1674	0.546	ug/l #	90
87) 1,2,4-Trichlorobenzene	13.83	180	8986	0.482	ug/l	95
88) Hexachlorobutadiene	14.01	225	5625	0.578	ug/l	97
89) Naphthalene	14.08	128	14224	0.391	ug/l #	95
90) 1,2,3-Trichlorobenzene	14.32	180	7542	0.427	ug/l	94

(#) = 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

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Instrument :

MSVOA_U

ClientSampleId :

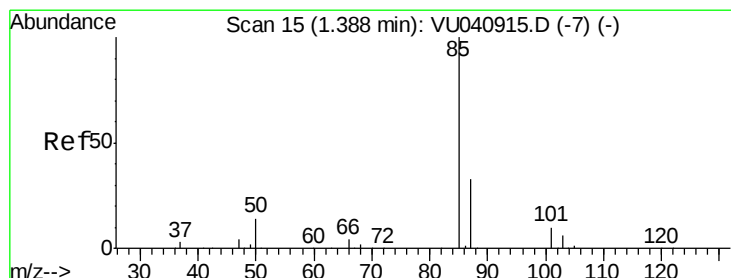
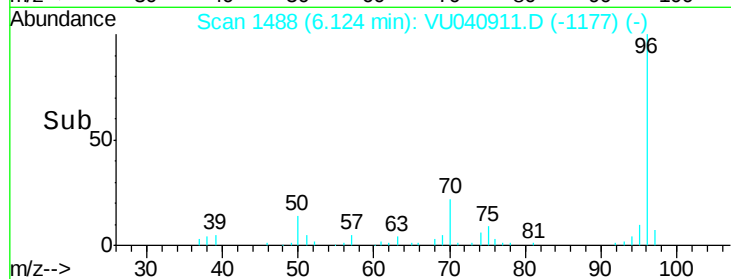
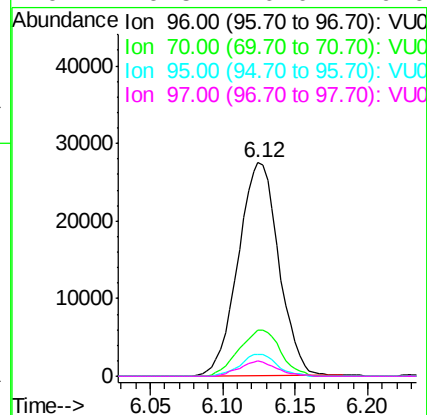
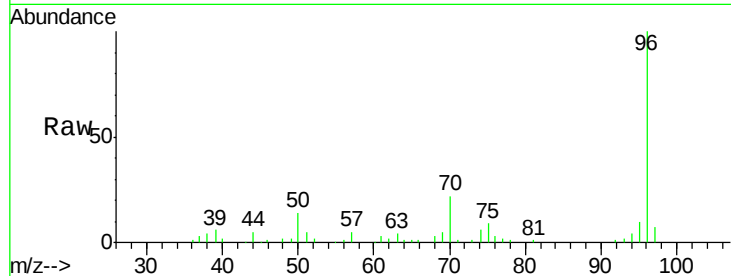
VSTDIC0.5

Tot Ion: 96 Resp: 53358

Ion	Ratio	Lower	Upper
96	100		
70	22.1	16.3	24.5
95	9.3	7.3	10.9
97	6.5	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 0.801 ug/l

RT: 1.39 min Scan# 15

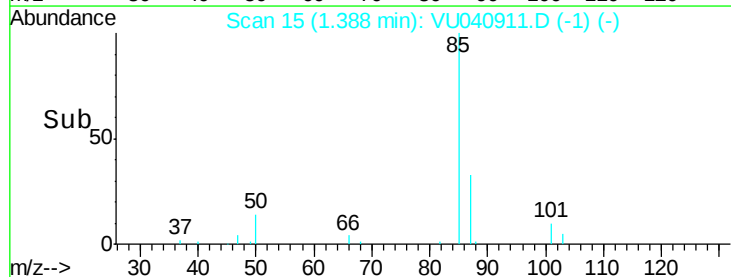
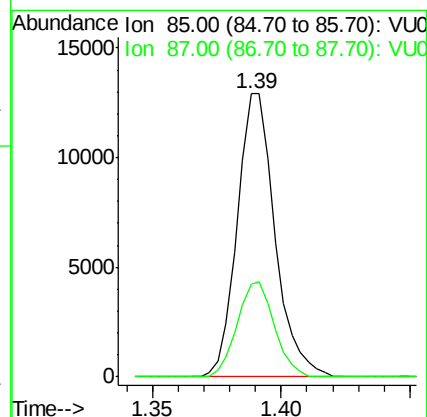
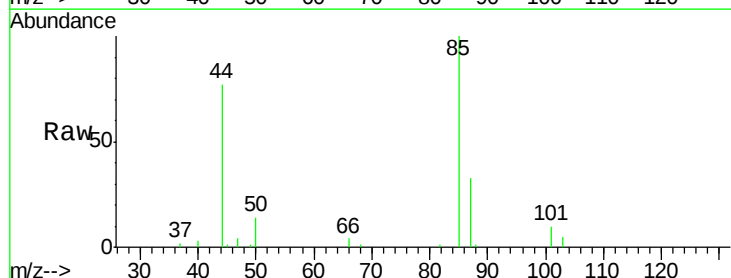
Delta R.T. -0.00 min

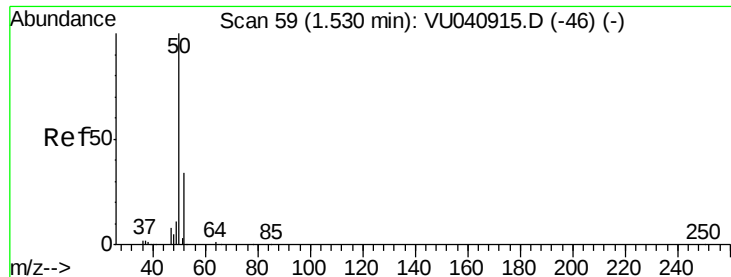
Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Tgt Ion: 85 Resp: 13207

Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.5	49.5





#3

Chloromethane

Concen: 0.796 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 50 Resp: 13916

Ion Ratio Lower Upper

50 100

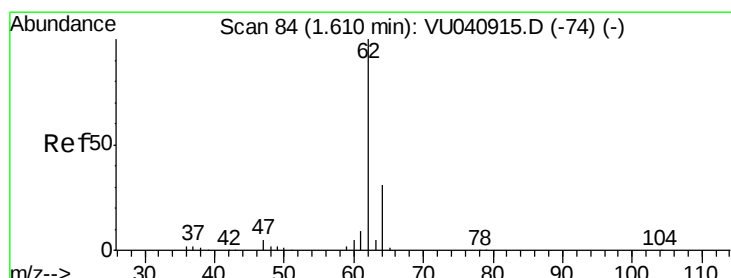
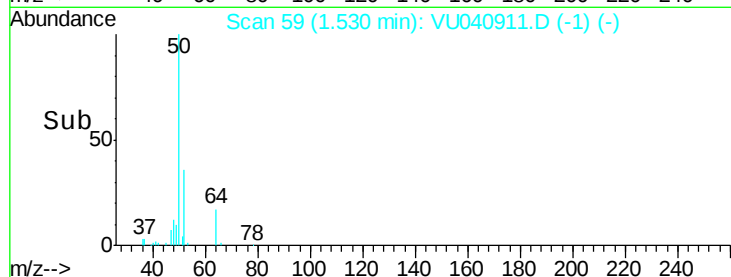
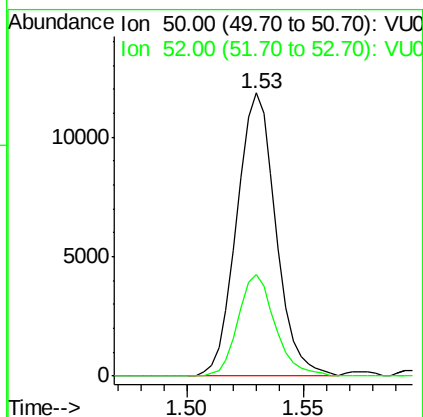
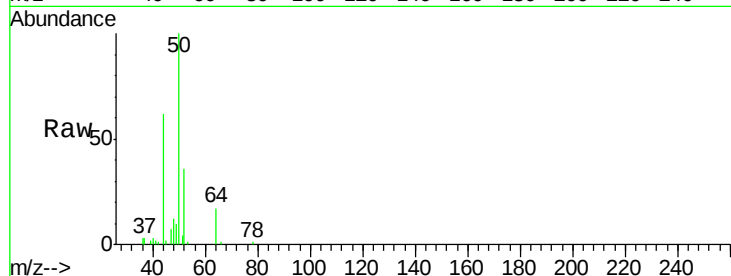
52 35.8 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 0.775 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040911.D

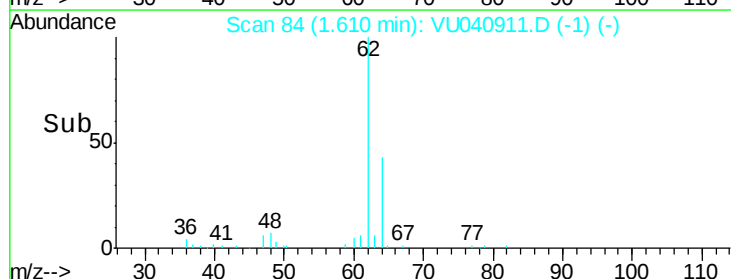
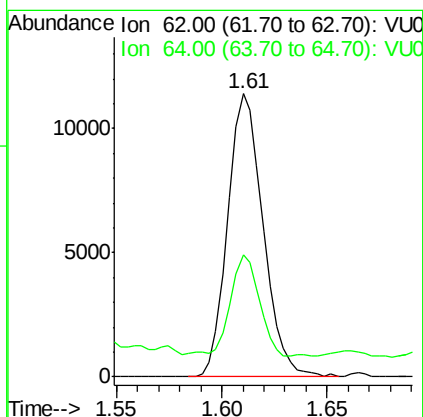
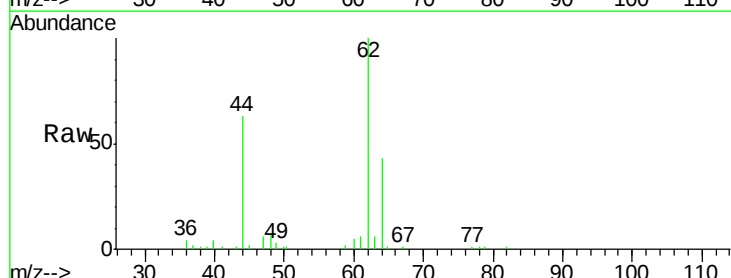
Acq: 22 Oct 2020 18:34

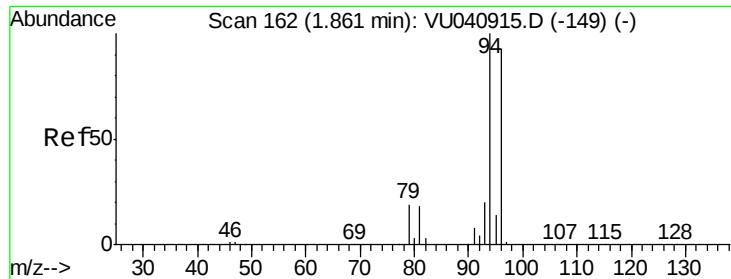
Tgt Ion: 62 Resp: 13274

Ion Ratio Lower Upper

62 100

64 34.7 24.7 37.1





#5

Bromomethane

Concen: 0.713 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 94 Resp: 8644

Ion Ratio Lower Upper

94 100

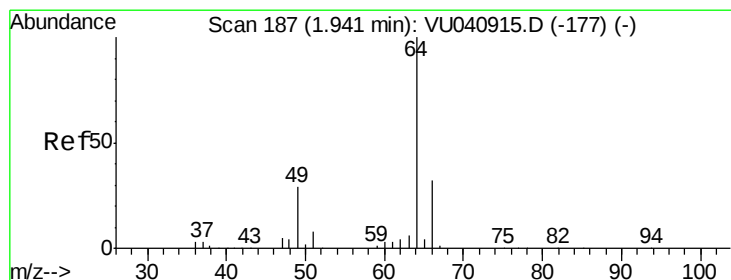
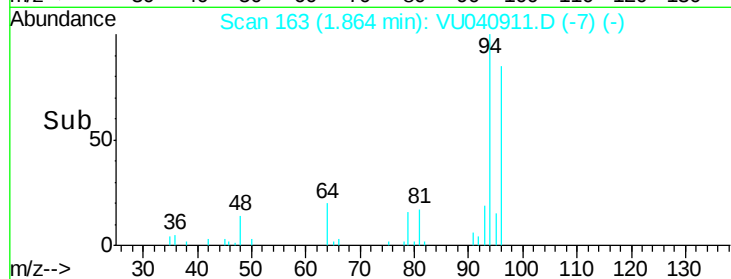
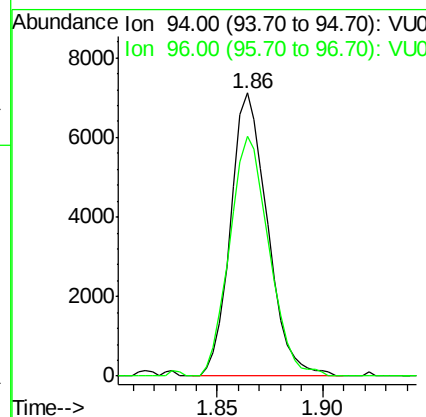
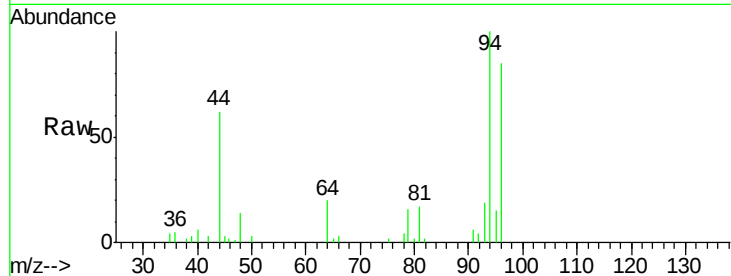
96 84.9 74.4 111.6

Manual Integrations

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10/26/2020 4:14:28 PM



#6

Chloroethane

Concen: 0.817 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040911.D

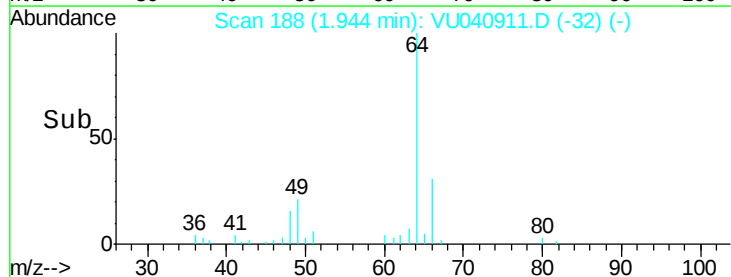
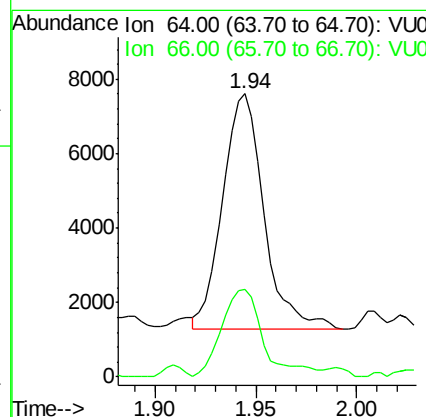
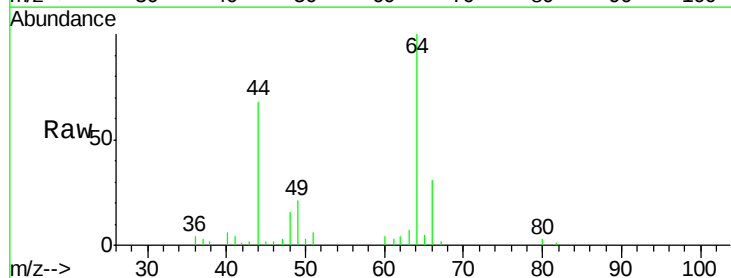
Acq: 22 Oct 2020 18:34

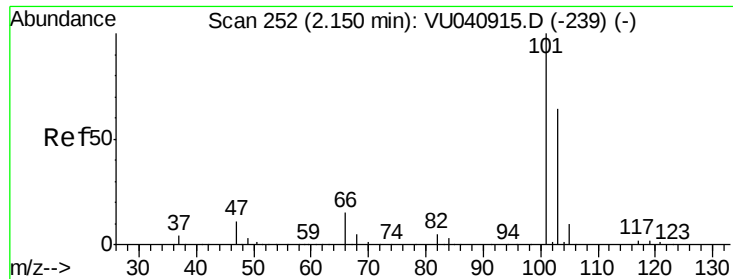
Tgt Ion: 64 Resp: 9062

Ion Ratio Lower Upper

64 100

66 37.2 25.4 38.2





#7

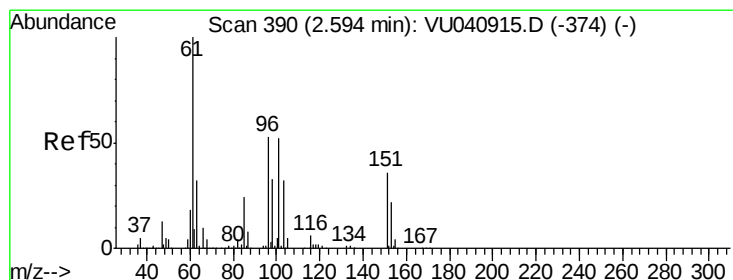
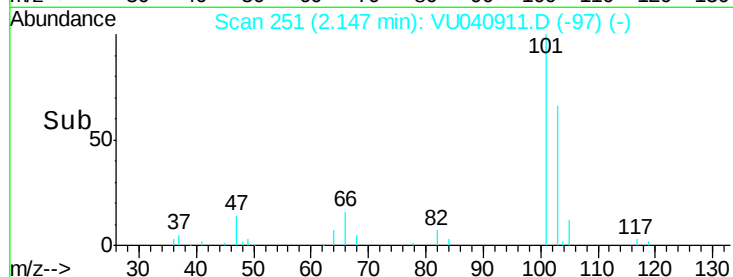
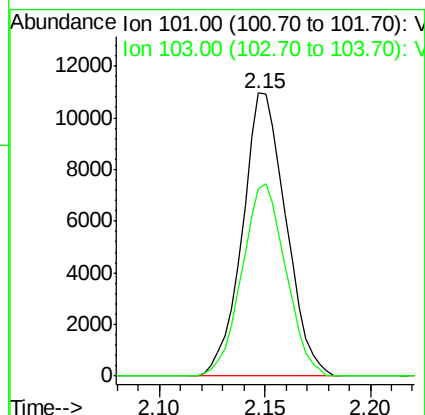
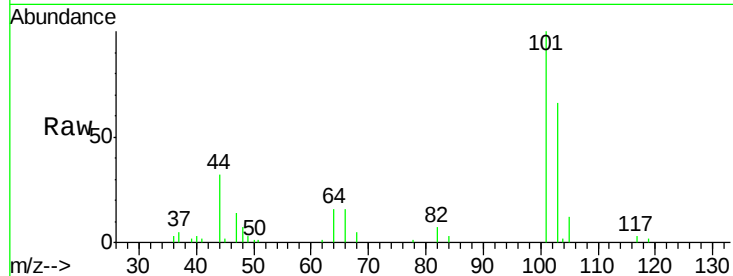
Trichlorofluoromethane
Concen: 0.638 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		15726		
103	66.2	51.5	77.3		

Manual Integrations
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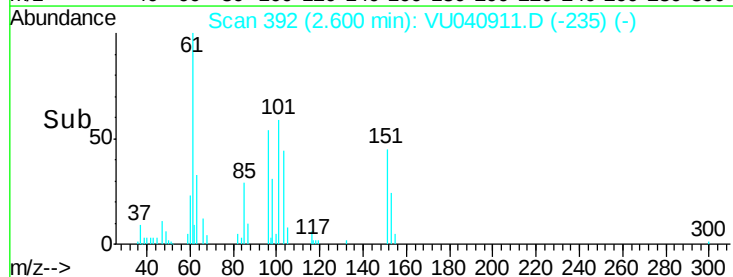
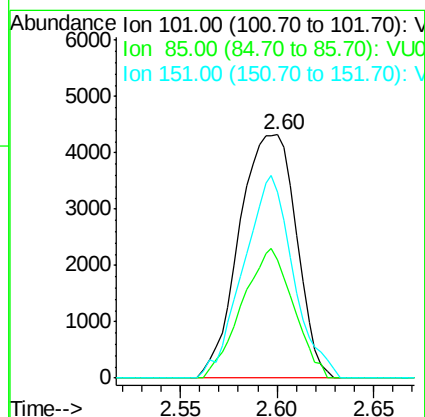
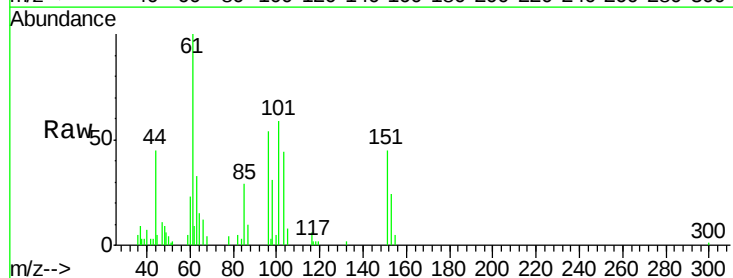
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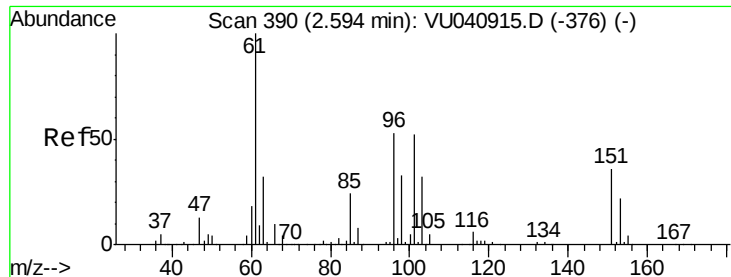


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.626 ug/l
RT: 2.60 min Scan# 392
Delta R.T. 0.01 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
101	100		8847		
85	47.8	36.2	54.2		
151	73.0	55.1	82.7		





#9

1,1-Dichloroethene

Concen: 0.630 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

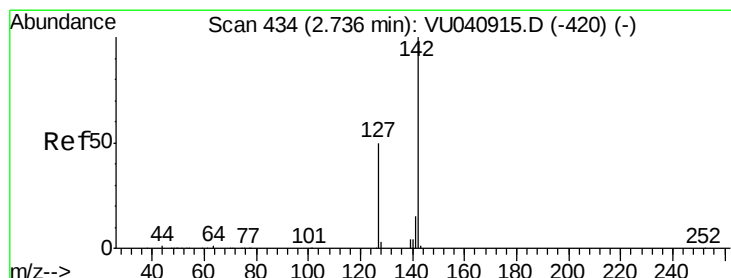
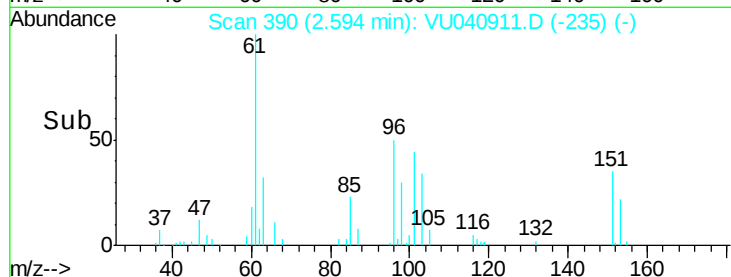
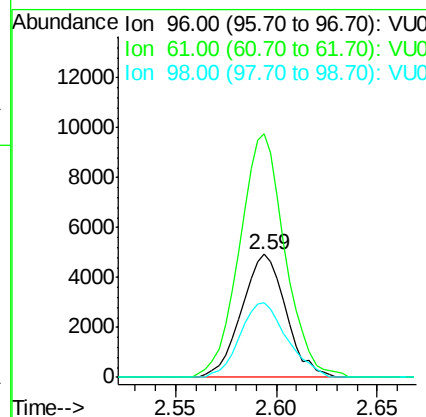
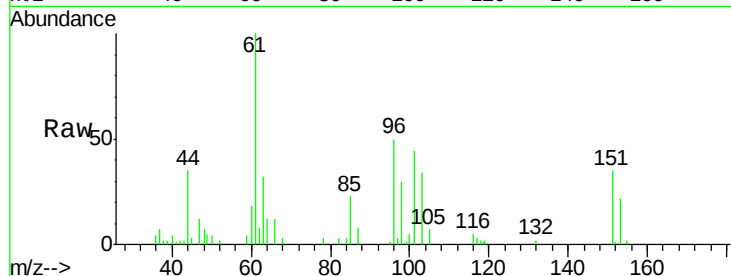
ClientSampleId :

VSTDIC0.5

Tot Ion:	96	Resp:	7603
Ion	Ratio	Lower	Upper
96	100		
61	198.1	0.0	561.9
98	60.4	0.0	125.0

Manual Integrations
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10/26/2020 4:14:28 PM



#10

Iodomethane

Concen: 0.419 ug/l

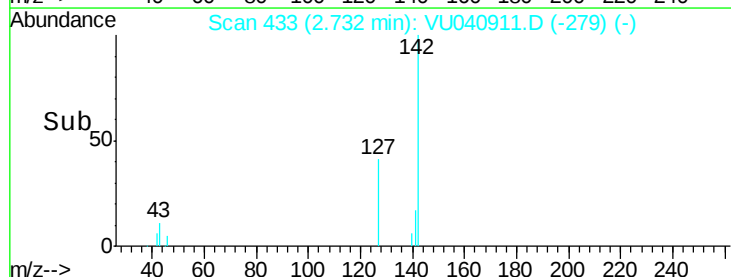
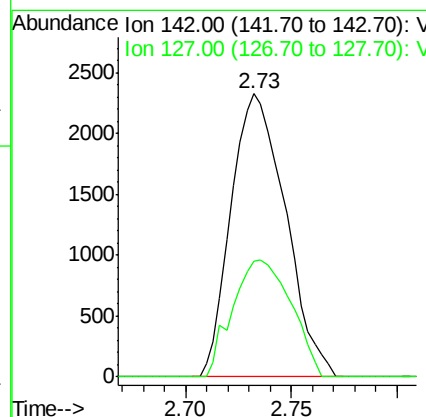
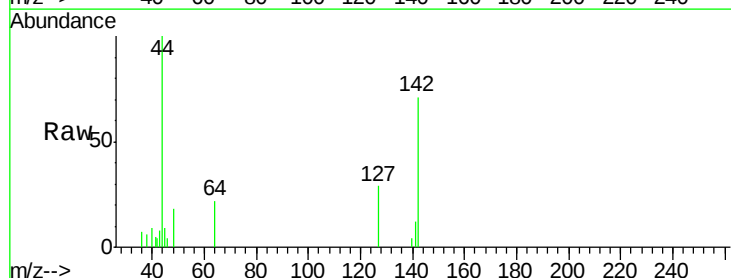
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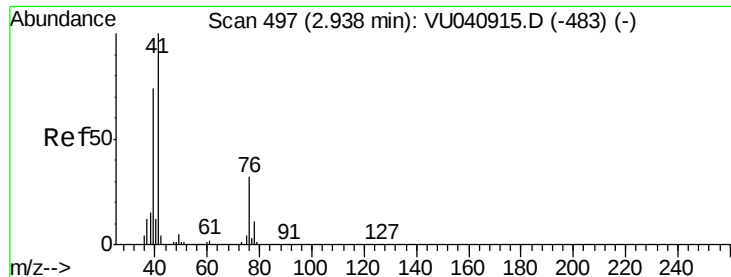
Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Tgt Ion:	142	Resp:	4167
Ion	Ratio	Lower	Upper
142	100		
127	44.4	40.6	60.8





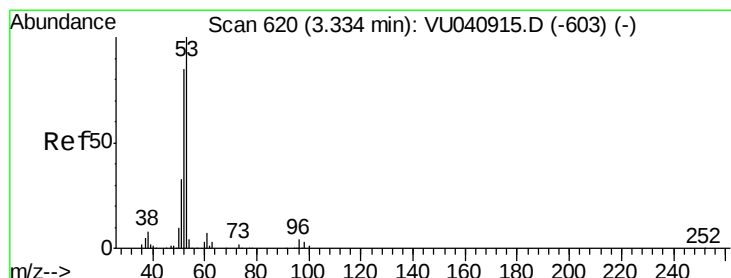
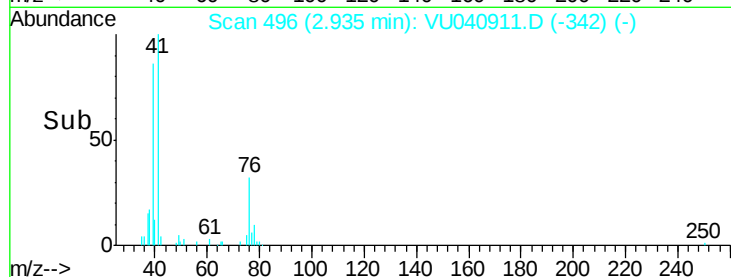
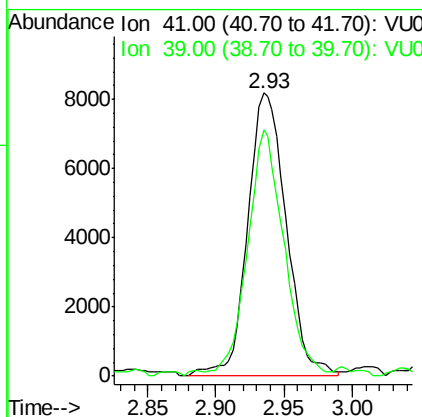
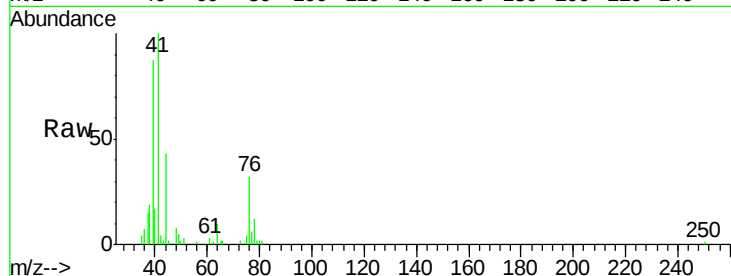
#11
Allvl Chloride
Concen: 0.670 ug/l
RT: 2.93 min Scan# 496
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	41	Resp	16094
Ion Ratio	100	Lower	Upper
39	78.0	59.0	88.4

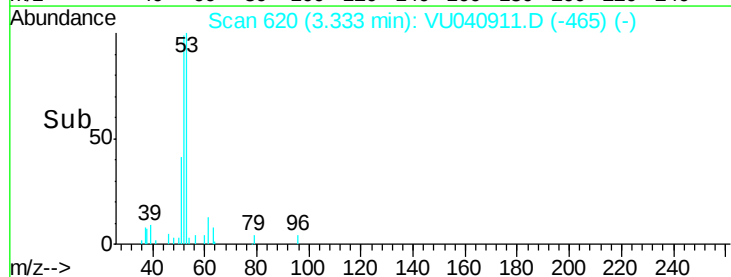
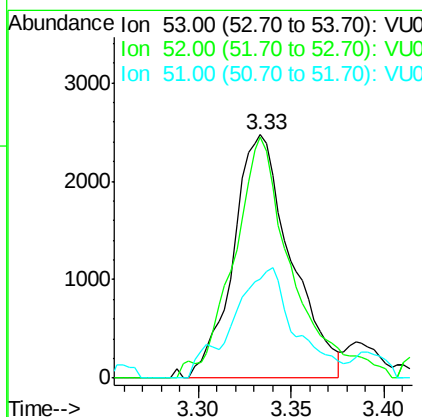
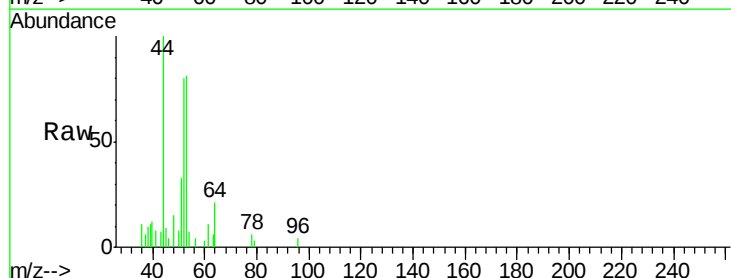
Manual Integrations
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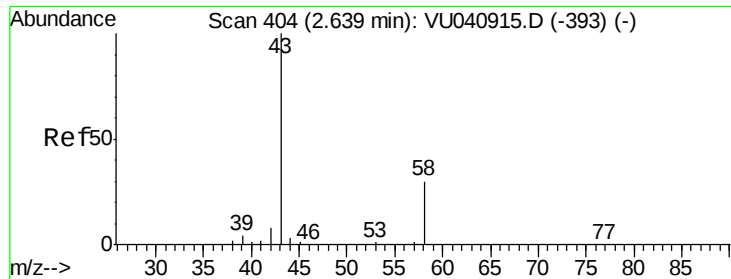
MMDadoda
10/26/2020 4:14:28 PM



#12
Acrylonitrile
Concen: 1.267 ug/l
RT: 3.33 min Scan# 620
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	53	Resp	5337
Ion Ratio	100	Lower	Upper
52	100.8	63.1	94.7#
51	49.4	30.6	46.0#





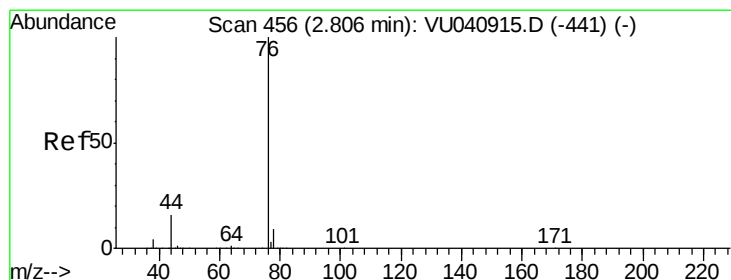
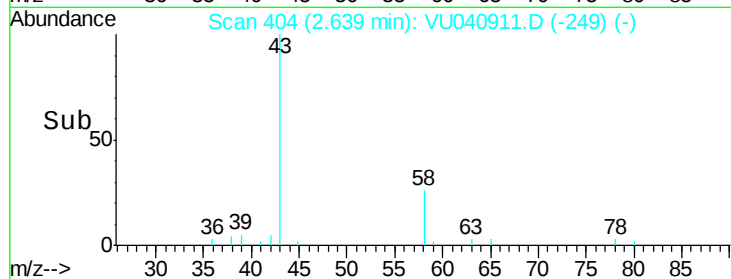
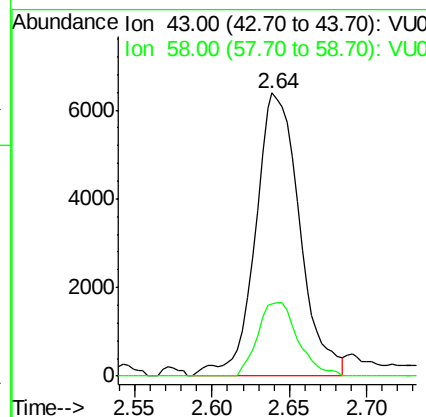
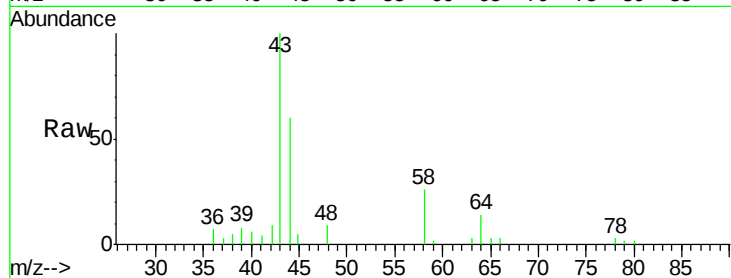
#13
Acetone
Concen: 3.399 ug/l
RT: 2.64 min Scan# 404
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
43	100		
58	25.6	23.6	35.4

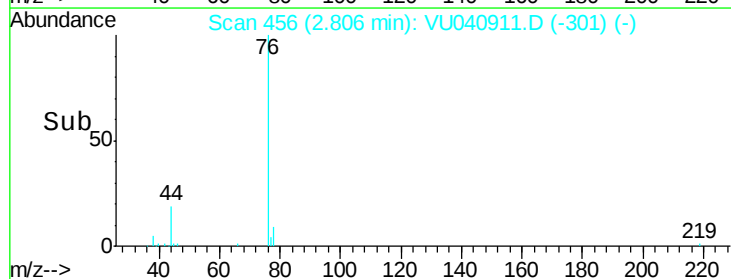
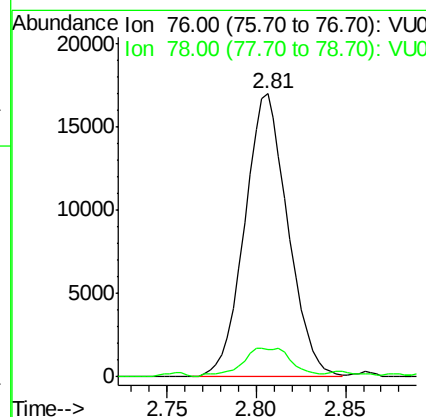
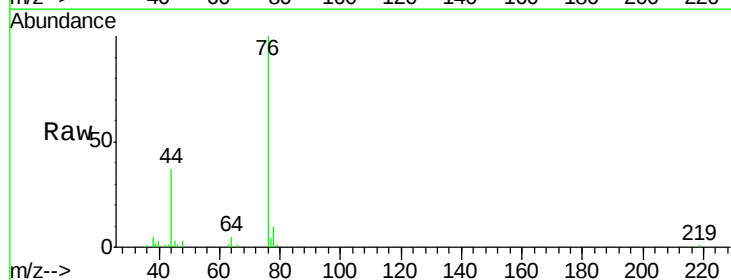
Manual Integrations
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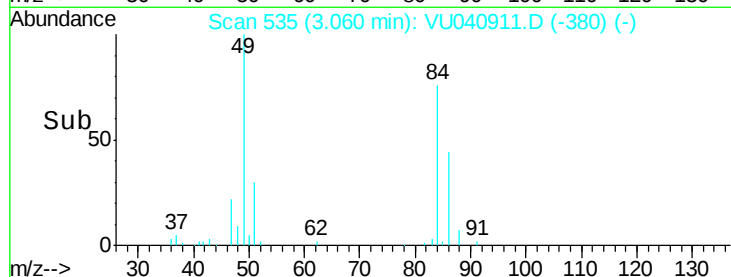
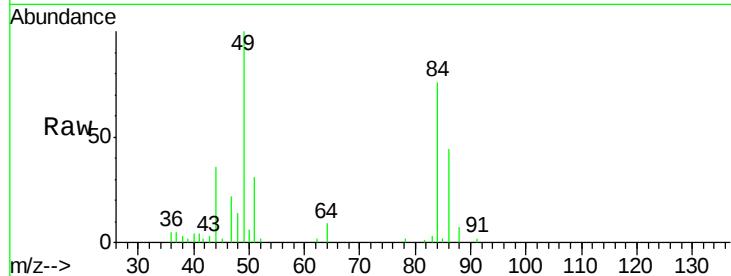
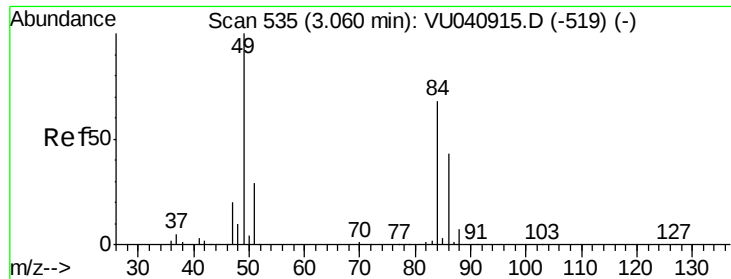
MMDadoda
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#14
Carbon Disulfide
Concen: 0.804 ug/l
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.9	7.1	10.7





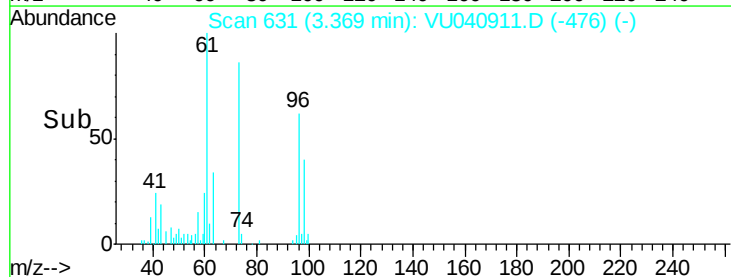
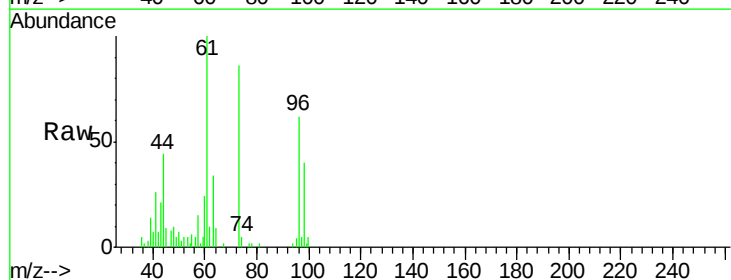
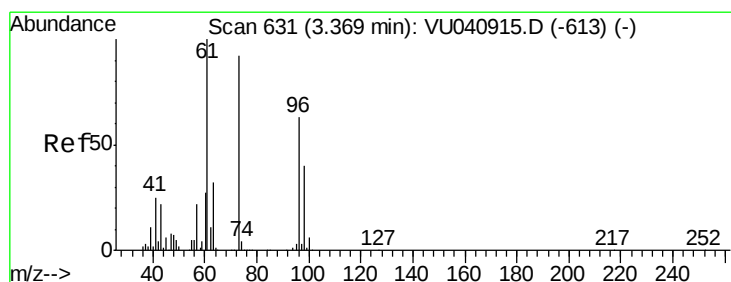
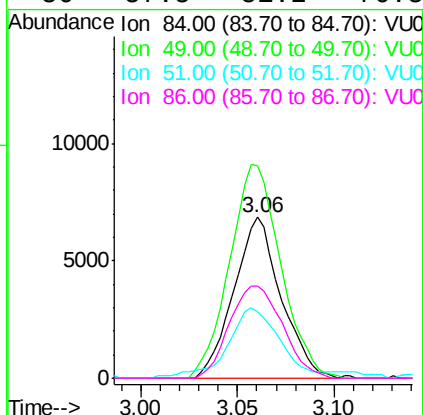
#15
Methvlene Chloride
Concen: 0.643 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tot Ion	Ion	Ratio	Lower	Upper
84	100			
49	132.0	118.2	177.4	
51	37.2	0.0	86.8	
86	57.5	51.2	76.8	

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

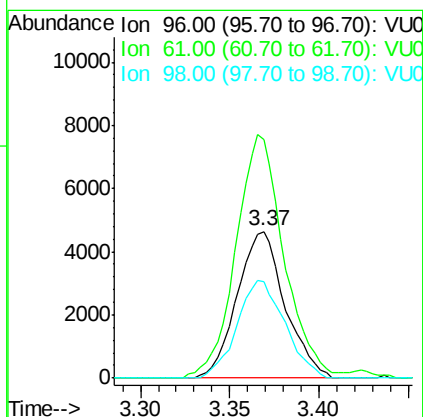
Manual Integrations
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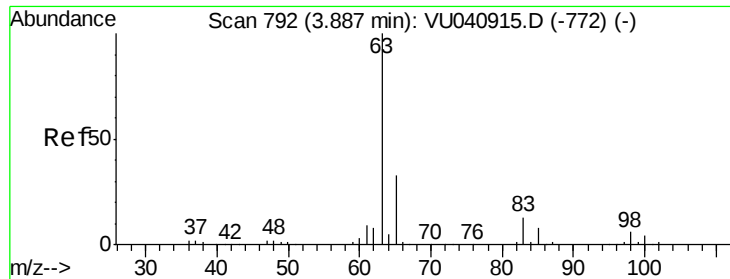
MMDadoda
10/26/2020 4:14:28 PM



#16
trans-1,2-Dichloroethene
Concen: 0.661 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ion	Ratio	Lower	Upper
96	100			
61	160.1	127.0	190.4	
98	65.5	51.2	76.8	





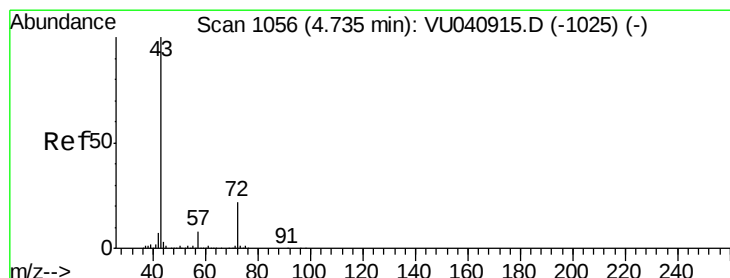
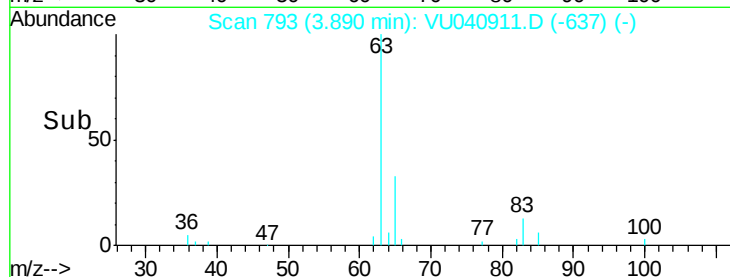
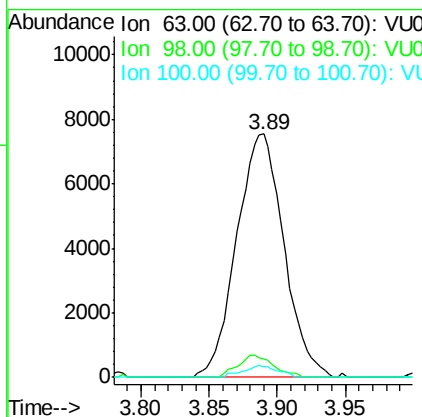
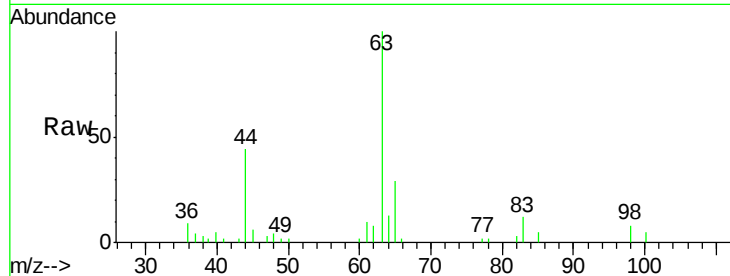
#17
 1,1-Dichloroethane
 Concen: 0.637 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.0	9.2
100	4.6	1.8	5.5

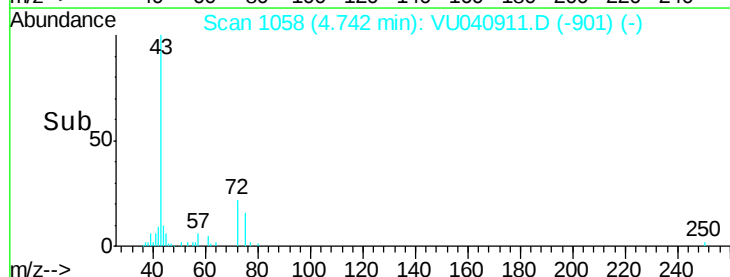
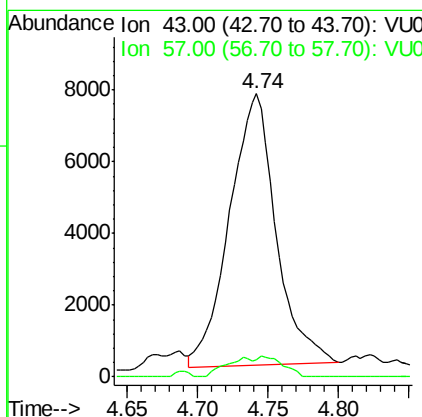
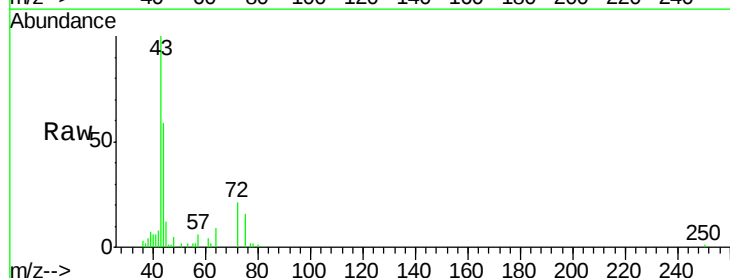
Manual Integrations
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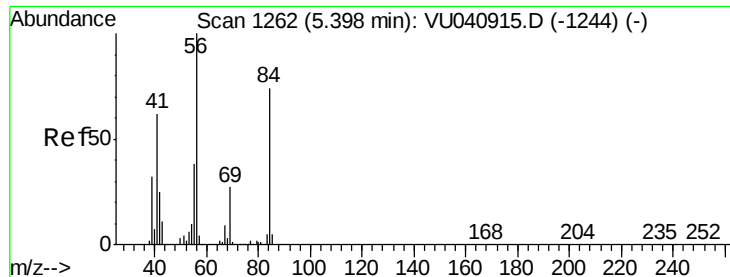
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#18
 2-Butanone
 Concen: 2.991 ug/l
 RT: 4.74 min Scan# 1058
 Delta R.T. 0.01 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
43	100		
57	6.4	0.0	15.2





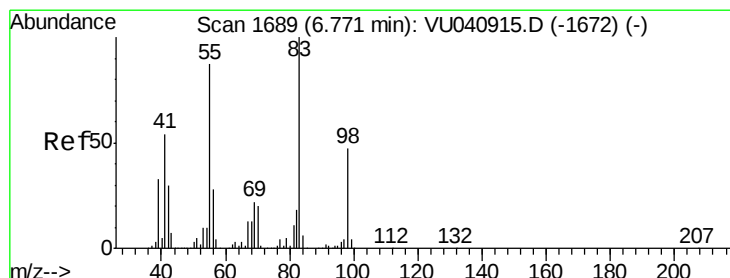
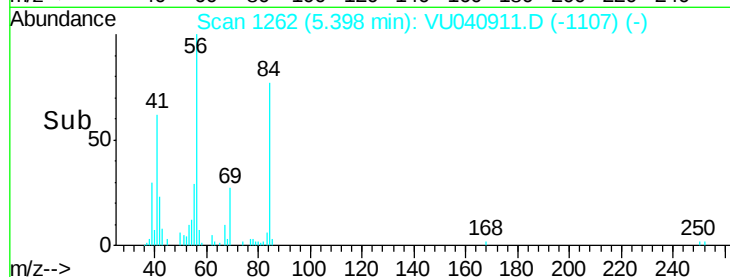
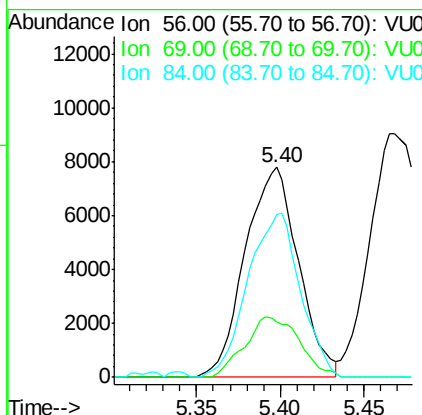
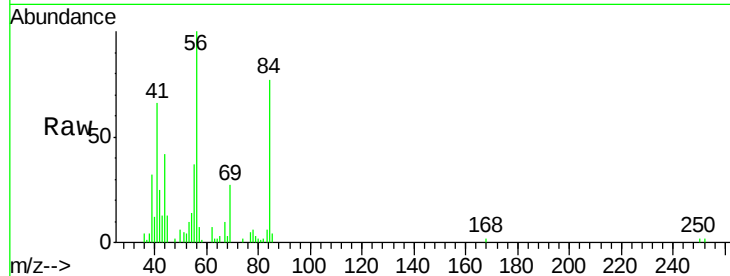
#19
Cyclohexane
Concen: 0.708 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	22.2	33.2
84	76.9	60.1	90.1

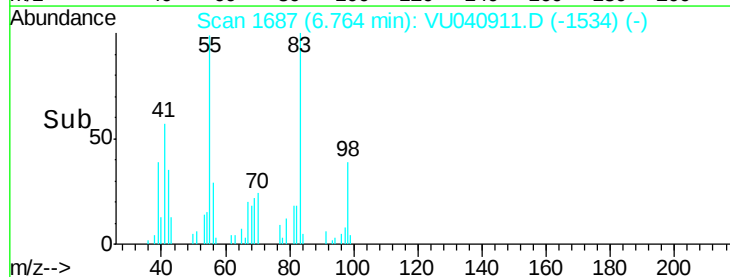
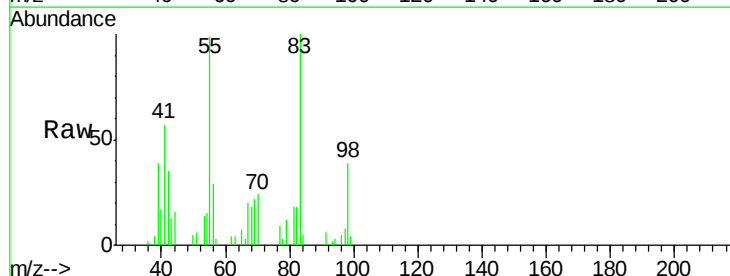
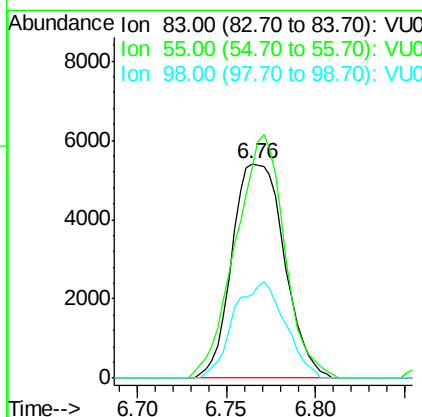
Manual Integrations
APPROVED

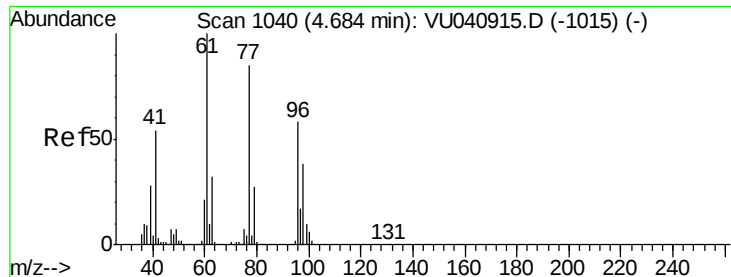
MMDadoda
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#20
Methylcyclohexane
Concen: 0.507 ug/l
RT: 6.76 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
83	100		
55	106.7	71.0	106.4#
98	44.0	38.1	57.1





#21

2,2-Dichloropropane

Concen: 0.625 ug/l

RT: 4.69 min Scan# 1041

Delta R.T. 0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 77 Resp: 16507

Ion Ratio Lower Upper

77 100

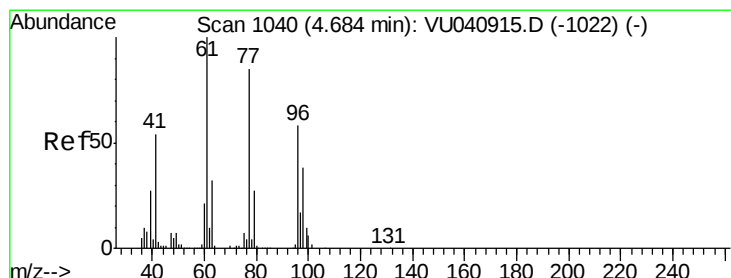
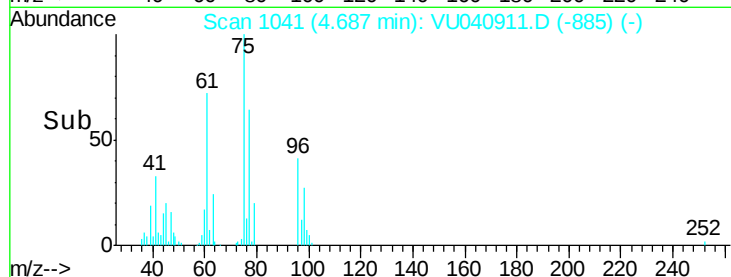
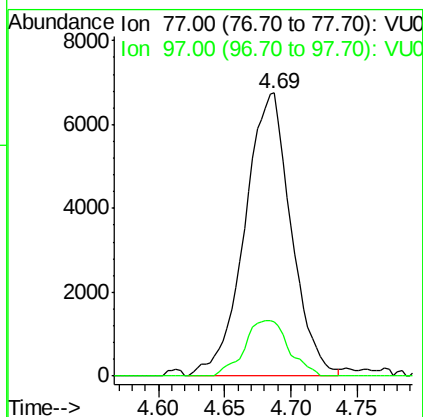
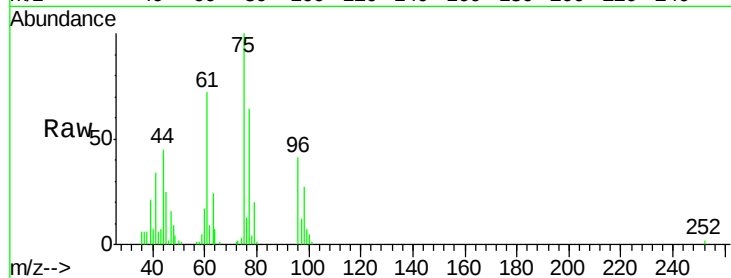
97 18.7 16.0 24.0

Manual Integrations

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MMDadoda

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#22

cis-1,2-Dichloroethene

Concen: 0.677 ug/l

RT: 4.68 min Scan# 1039

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

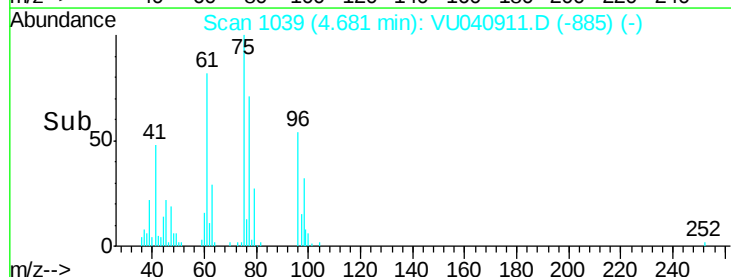
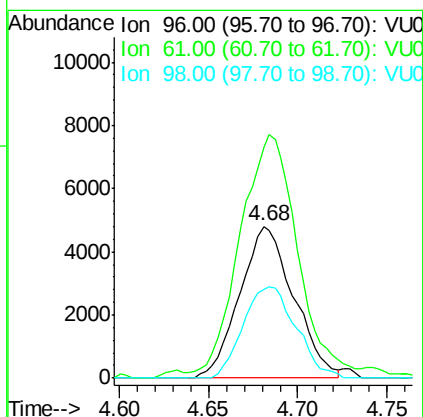
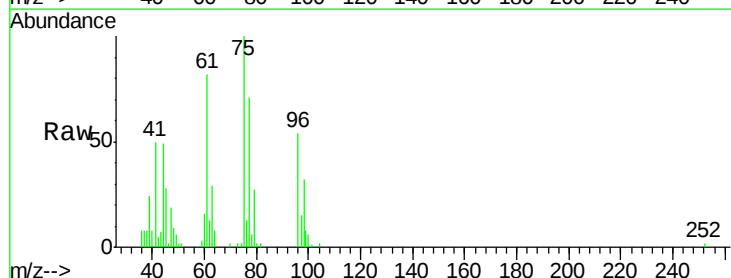
Tgt Ion: 96 Resp: 10138

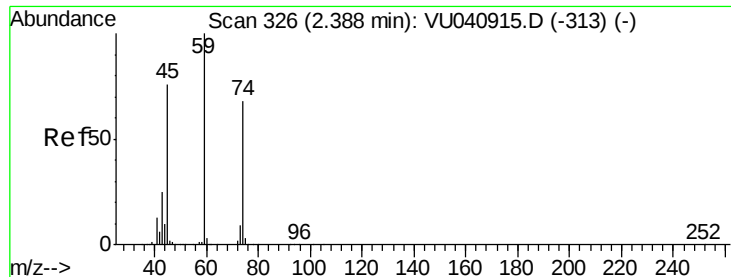
Ion Ratio Lower Upper

96 100

61 162.4 0.0 434.5

98 58.9 32.6 97.8





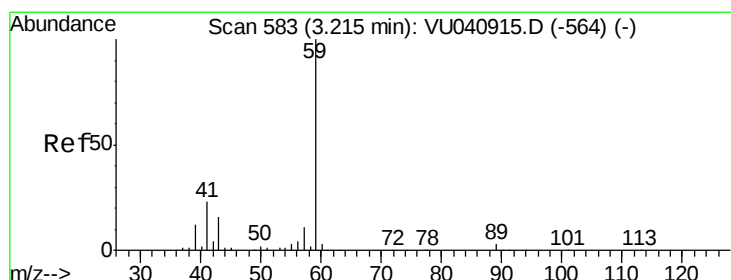
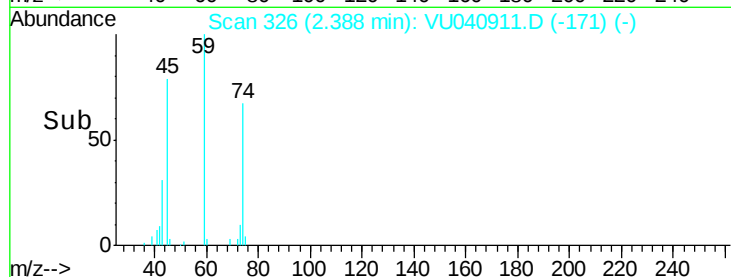
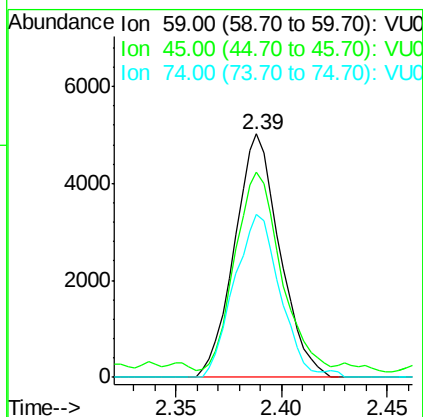
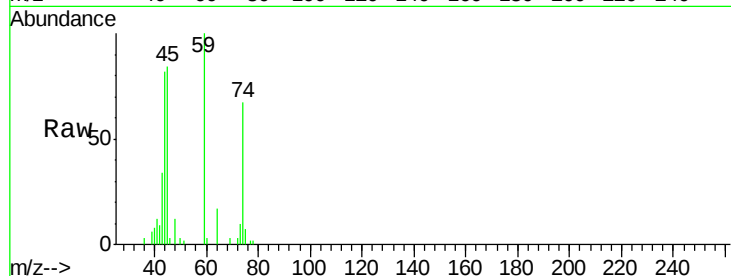
#23
Diethyl Ether
Concen: 0.646 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
59	100		
45	81.8	61.4	92.2
74	67.2	55.0	82.4

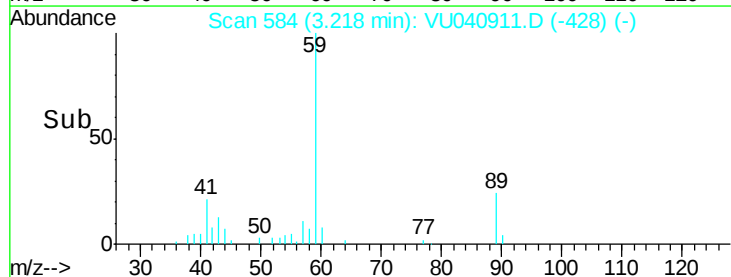
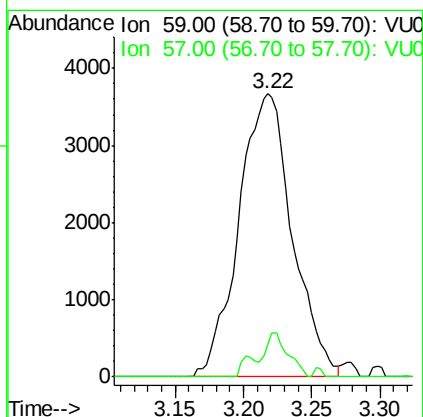
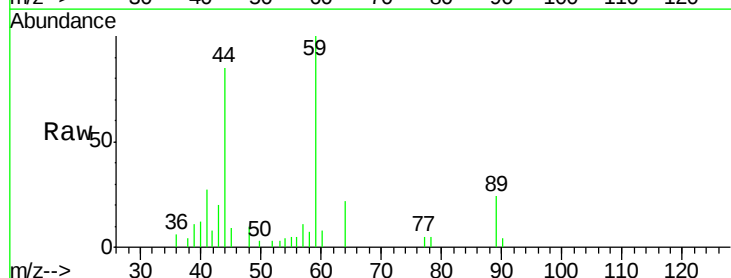
Manual Integrations
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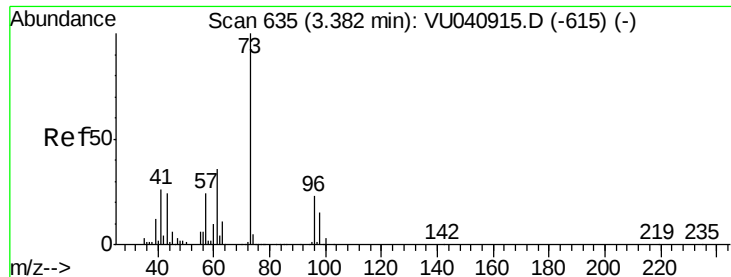
MMDadoda
10/26/2020 4:14:28 PM



#24
tert-Butyl Alcohol
Concen: 6.583 ug/l
RT: 3.22 min Scan# 584
Delta R.T. 0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
59	100		
57	6.5	8.4	12.6#





#25

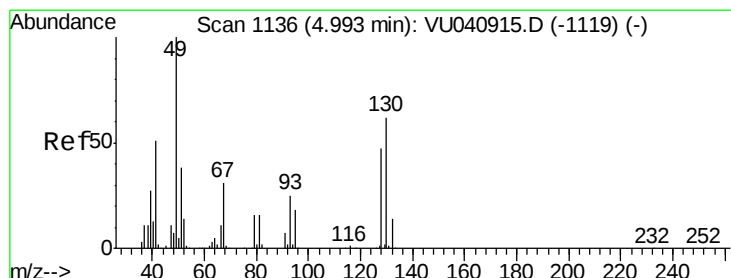
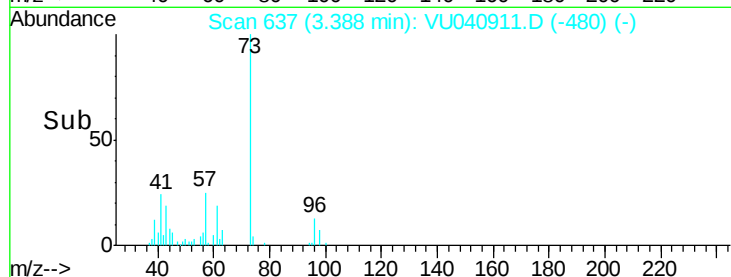
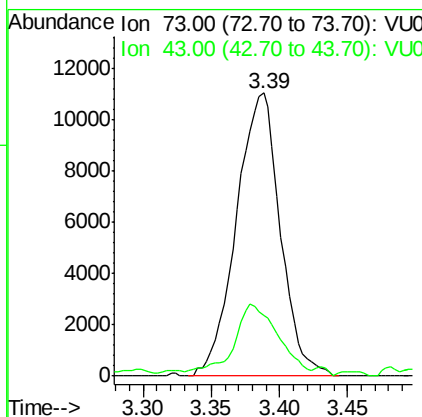
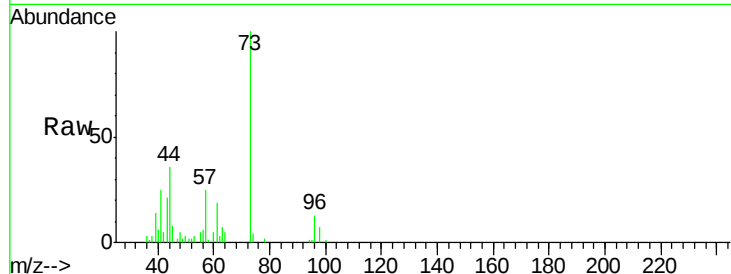
Methyl tert-Butyl Ether
Concen: 0.624 ug/l
RT: 3.39 min Scan# 637
Delta R.T. 0.01 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.1	19.0	28.6

Manual Integrations
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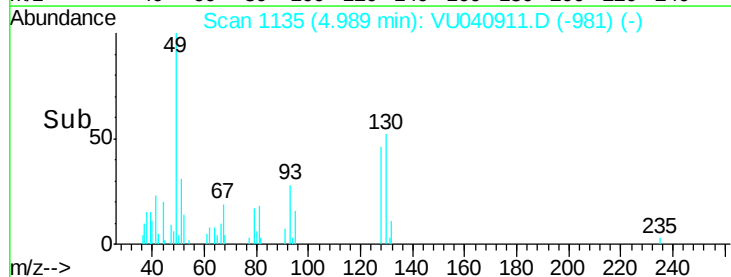
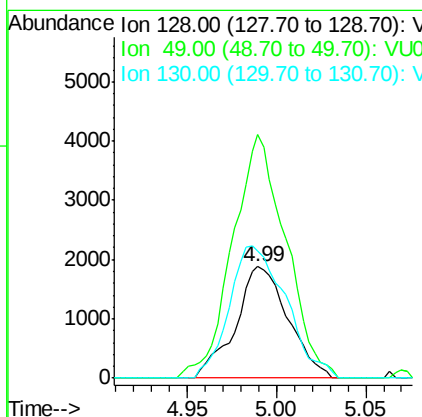
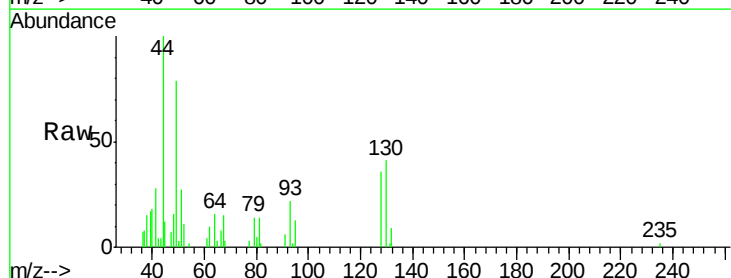
MMDadoda
10/26/2020 4:14:28 PM

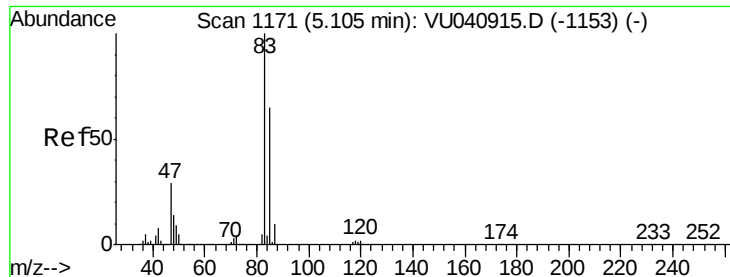


#26

Bromochloromethane
Concen: 0.587 ug/l
RT: 4.99 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
128	100		
49	221.3	0.0	426.4
130	128.1	106.2	159.4





#27

Chloroform

Concen: 0.607 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 83 Resp: 17316

Ion Ratio Lower Upper

83 100

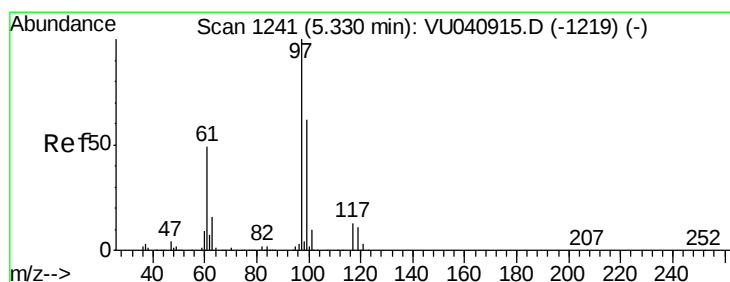
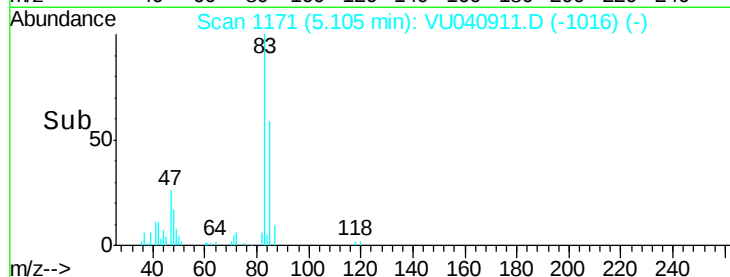
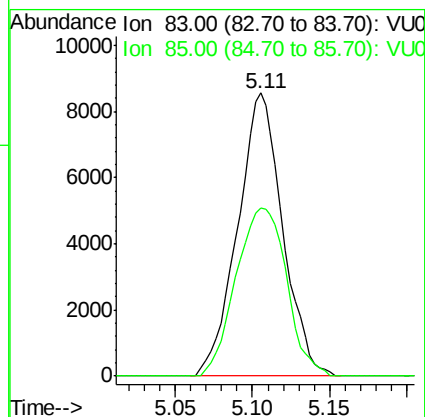
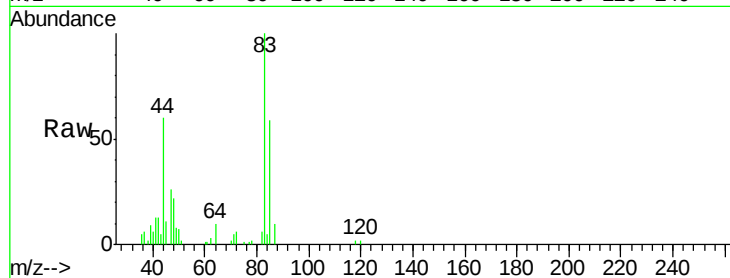
85 59.5 0.0 129.0

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#28

1,1,1-Trichloroethane

Concen: 0.621 ug/l

RT: 5.33 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

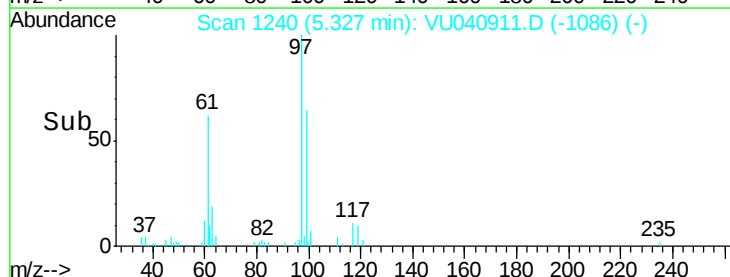
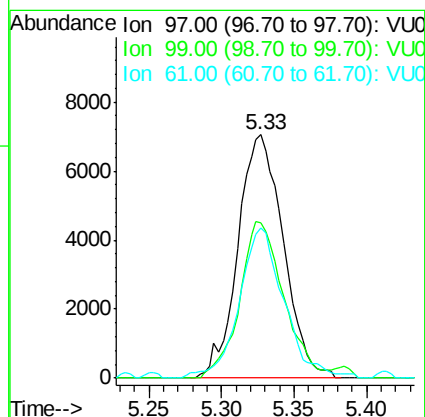
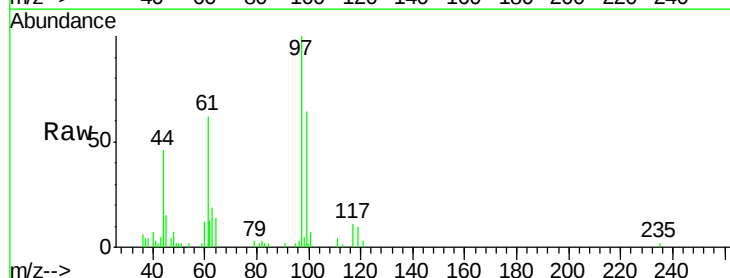
Tgt Ion: 97 Resp: 15312

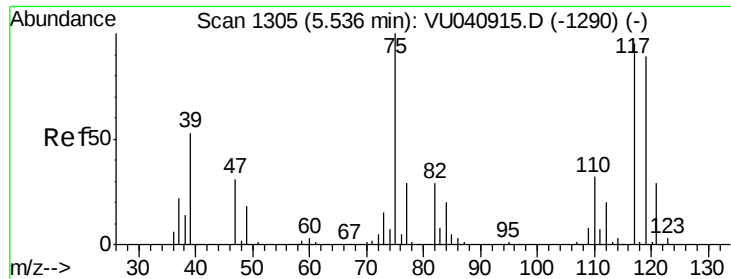
Ion Ratio Lower Upper

97 100

99 62.4 31.4 94.3

61 61.1 24.7 74.1





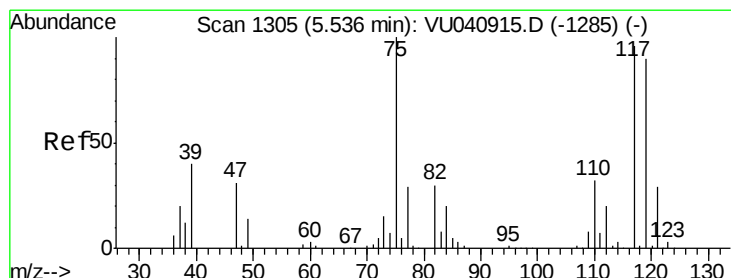
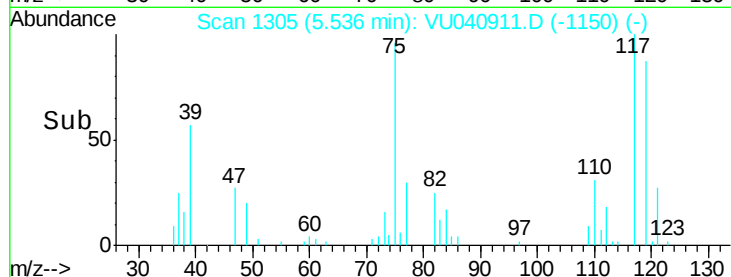
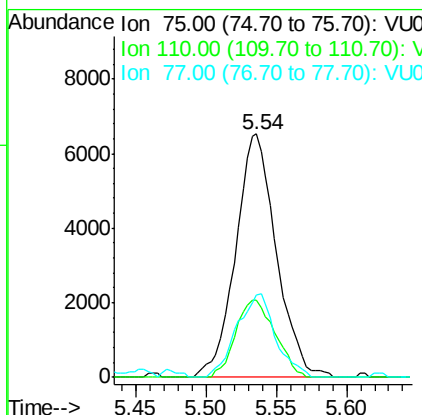
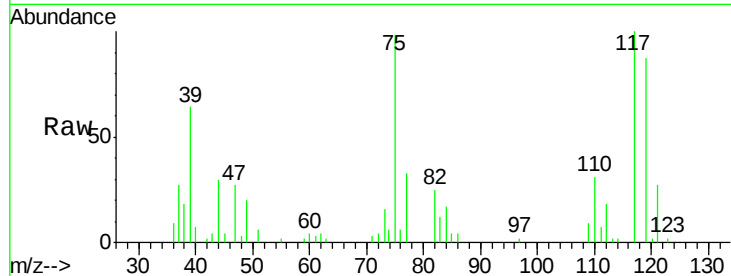
#29
1,1-Dichloropropene
Concen: 0.621 ug/l
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
75	100		
110	30.8	15.9	47.6
77	32.8	24.2	36.2

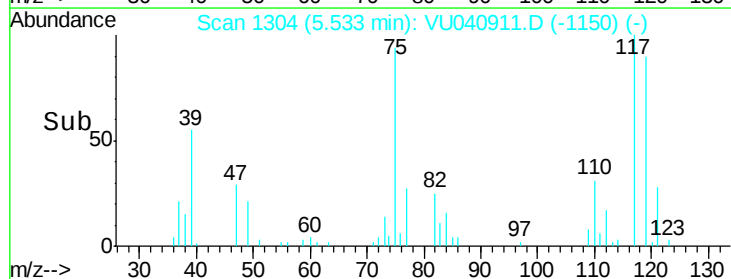
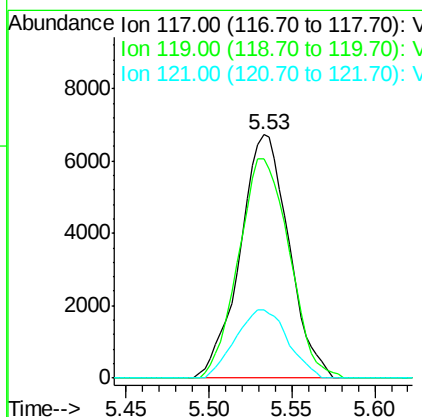
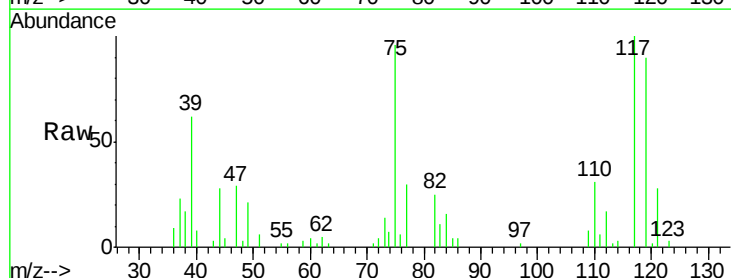
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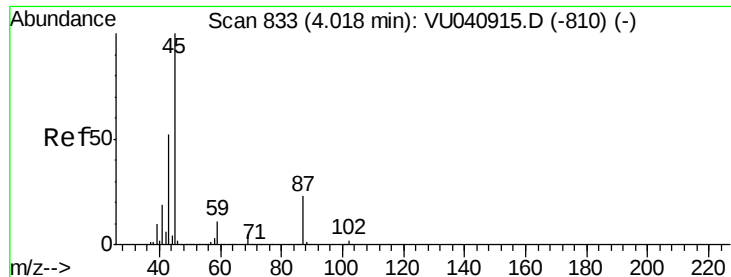
MMDadoda
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#30
Carbon Tetrachloride
Concen: 0.617 ug/l
RT: 5.53 min Scan# 1304
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.1	74.9	112.3
121	28.1	24.1	36.1





#31

Isopropyl Ether

Concen: 0.589 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 45 Resp: 28229

Ion Ratio Lower Upper

45 100

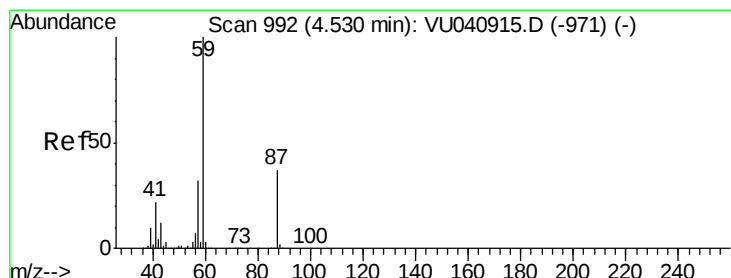
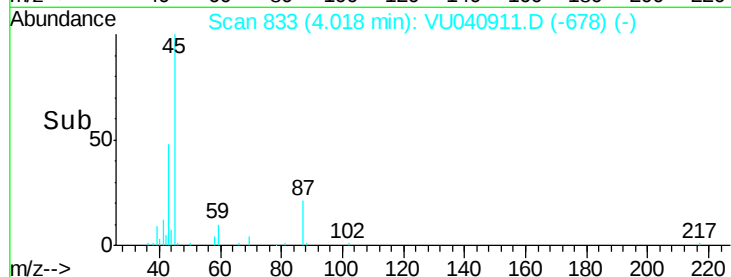
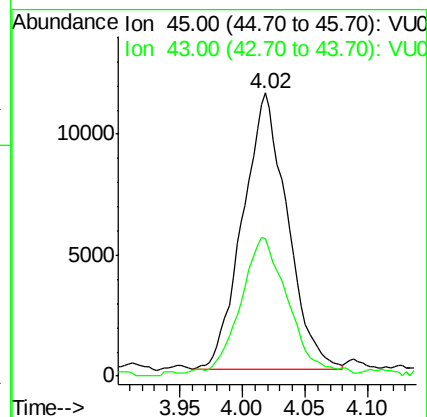
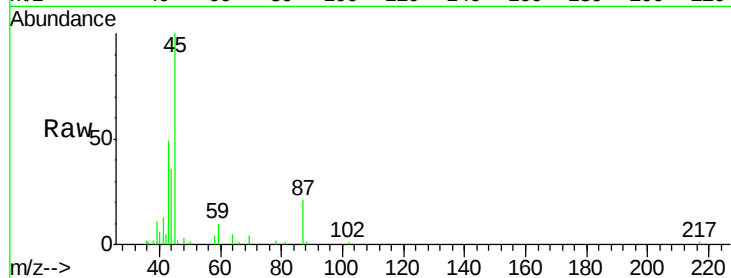
43 51.3 26.8 80.3

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10/26/2020 4:14:28 PM



#32

Ethyl-t-butyl ether

Concen: 0.554 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040911.D

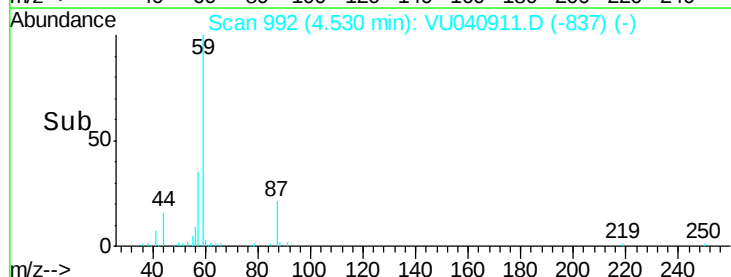
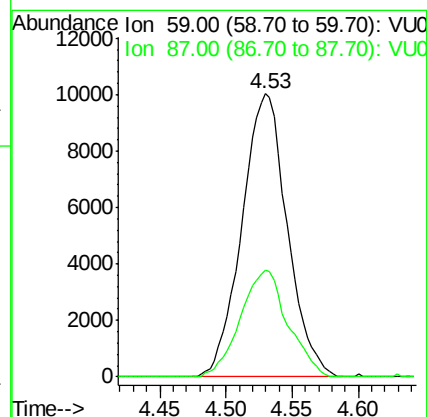
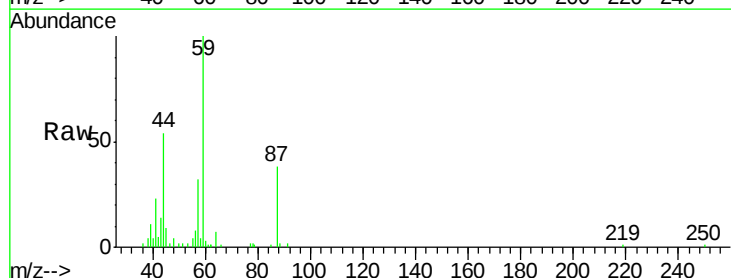
Acq: 22 Oct 2020 18:34

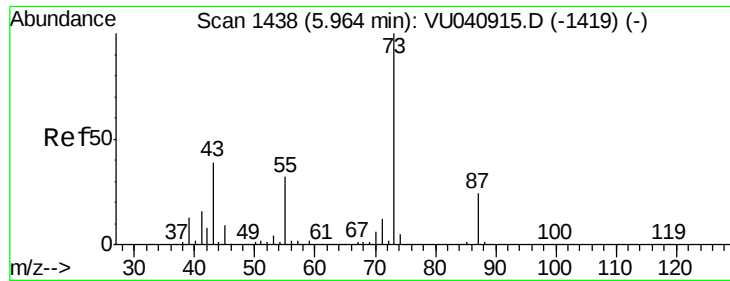
Tgt Ion: 59 Resp: 23913

Ion Ratio Lower Upper

59 100

87 39.4 30.6 46.0





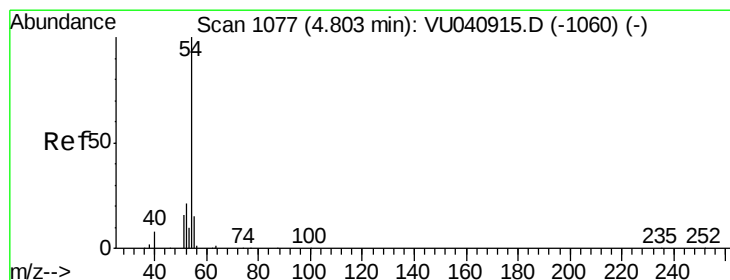
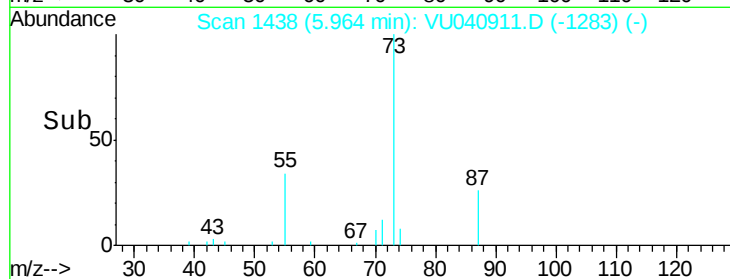
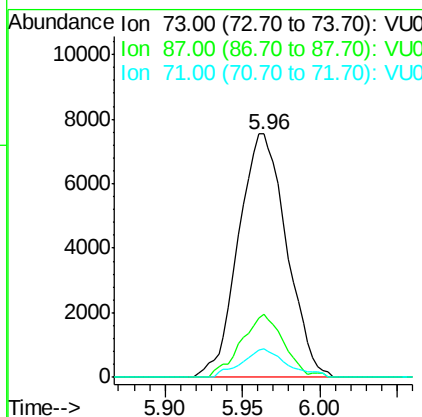
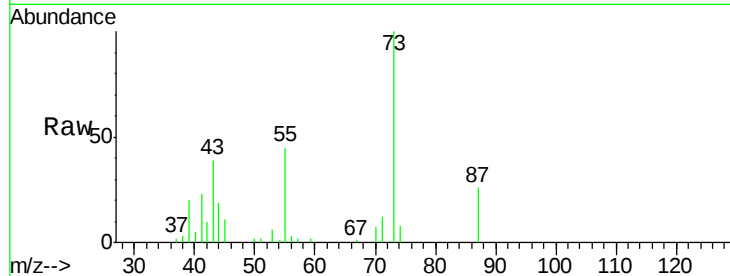
#33
Tert-Butyl methyl ether
Concen: 0.437 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.3	19.0	28.4
71	11.0	9.7	14.5

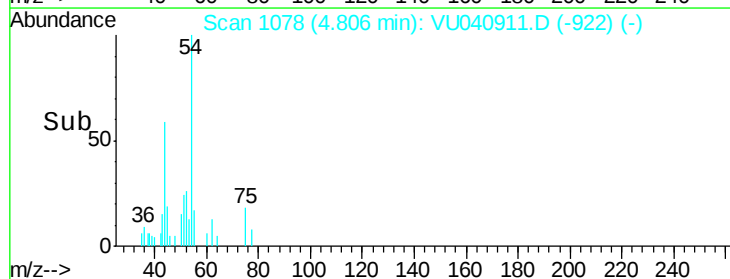
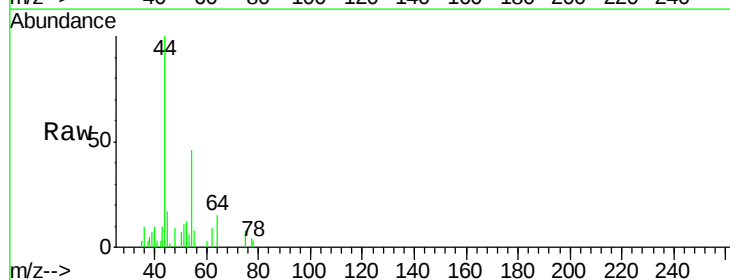
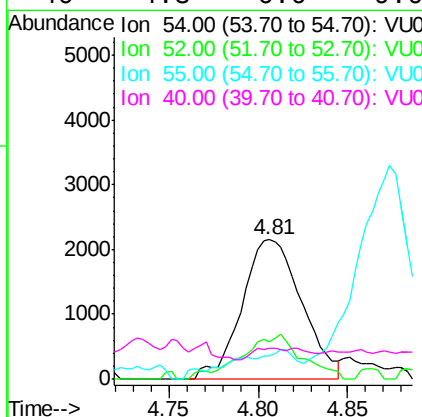
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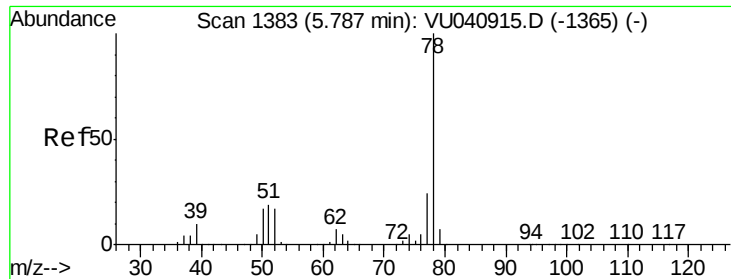
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#34
Propionitrile
Concen: 3.359 ug/l
RT: 4.81 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
54	100		
52	32.4	15.5	23.3#
55	4.4	12.5	18.7#
40	4.3	6.0	9.0#





#35

Benzene

Concen: 0.585 ug/l

RT: 5.78 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 78 Resp: 34279

Ion Ratio Lower Upper

78 100

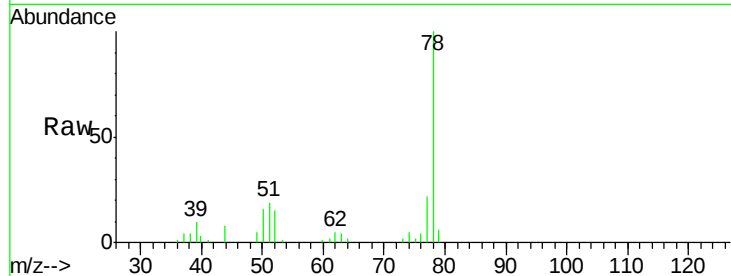
77 22.1 19.4 29.2

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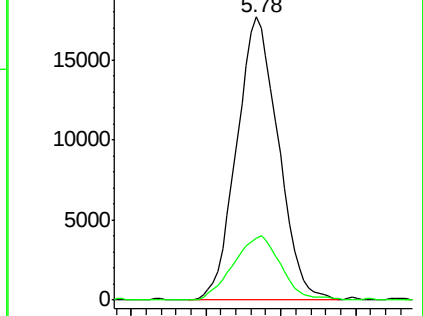
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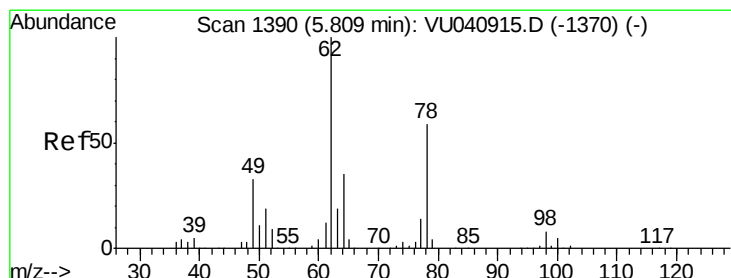
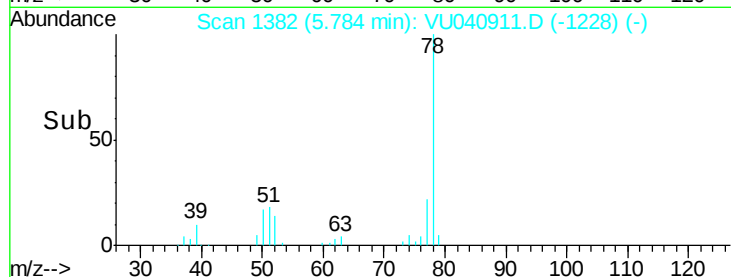


Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->



#36

1,2-Dichloroethane

Concen: 0.584 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040911.D

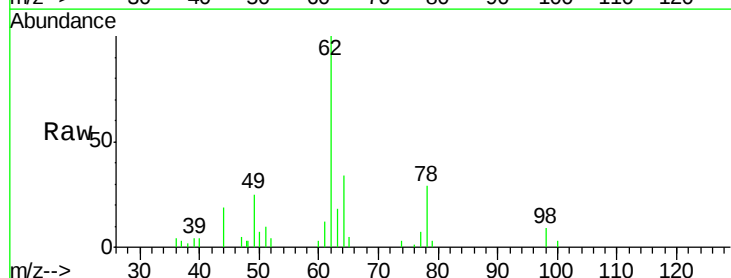
Acq: 22 Oct 2020 18:34

Tgt Ion: 62 Resp: 13140

Ion Ratio Lower Upper

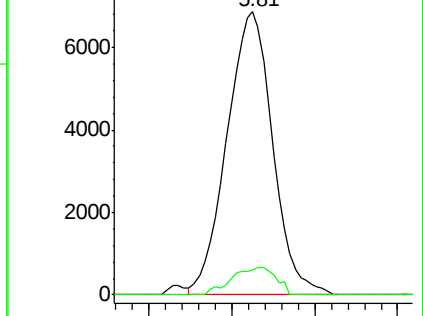
62 100

98 9.3 6.7 10.1

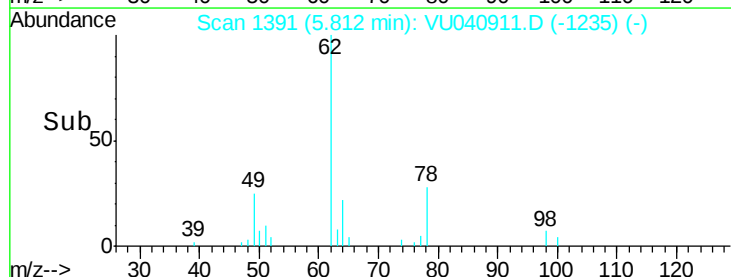


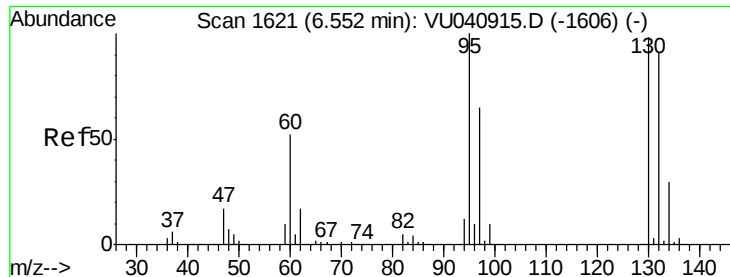
Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



Time-->





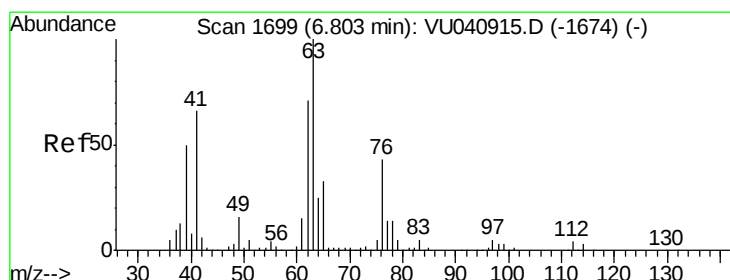
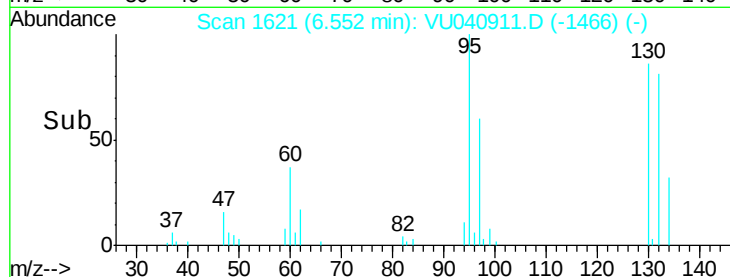
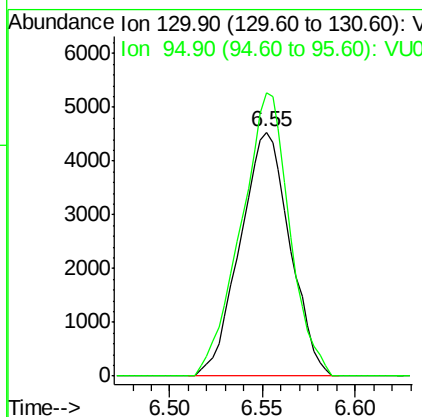
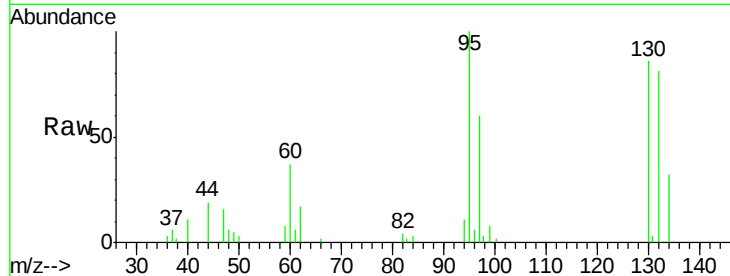
#37
 Trichloroethene
 Concen: 0.577 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion:130 Resp: 8473
 Ion Ratio Lower Upper
 130 100
 95 116.1 81.9 122.9

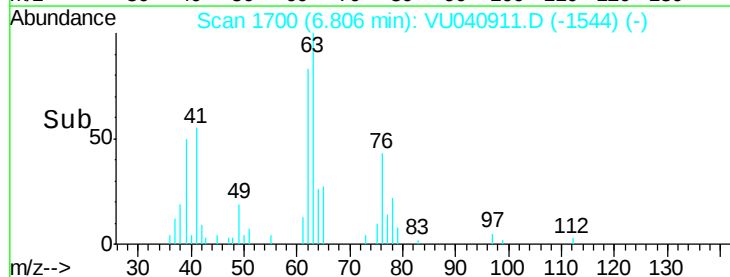
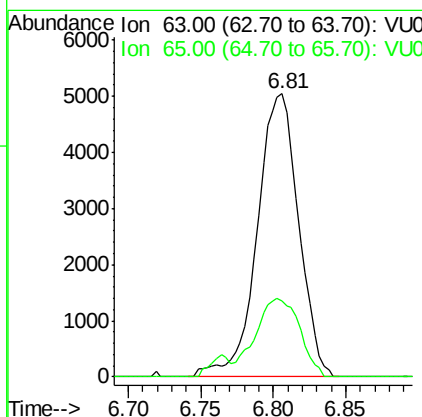
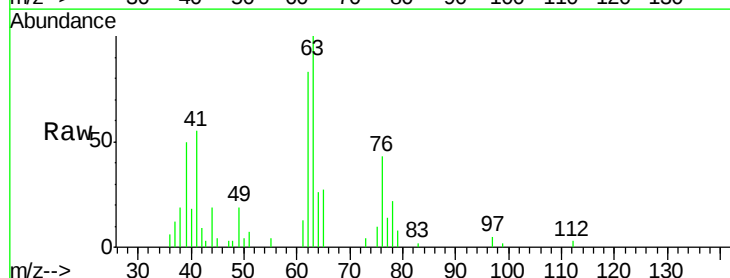
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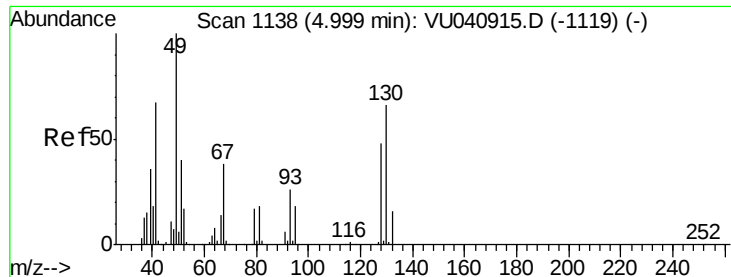
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#38
 1,2-Dichloropropane
 Concen: 0.592 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Tgt Ion: 63 Resp: 10023
 Ion Ratio Lower Upper
 63 100
 65 26.7 26.2 39.2





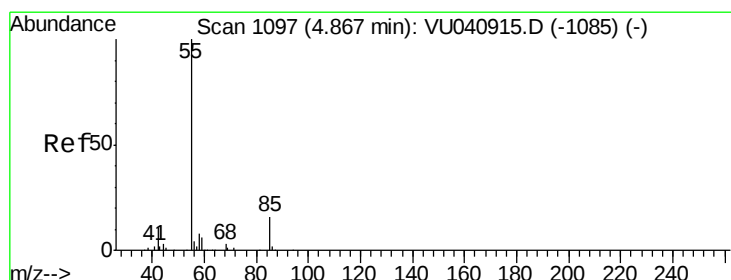
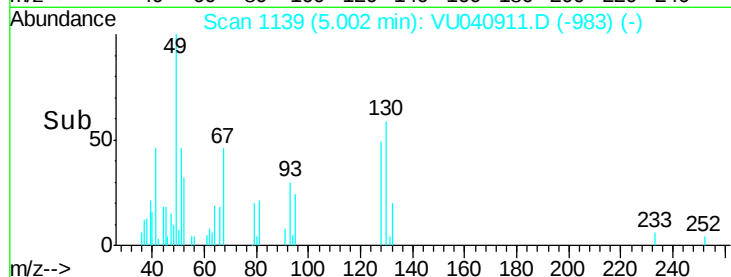
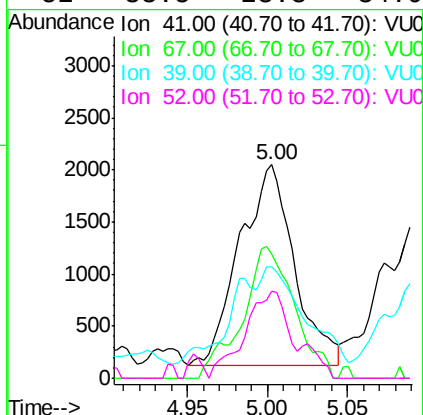
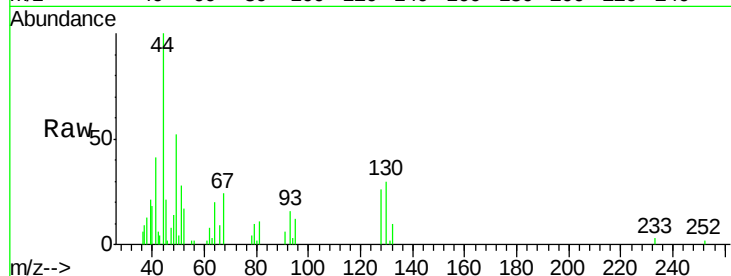
#39
Methacrylonitrile
Concen: 0.572 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion:	41	Resp:	4531
Ion	Ratio	Lower	Upper
41	100		
67	62.0	48.7	73.1
39	37.0	44.6	67.0#
52	33.5	23.3	34.9

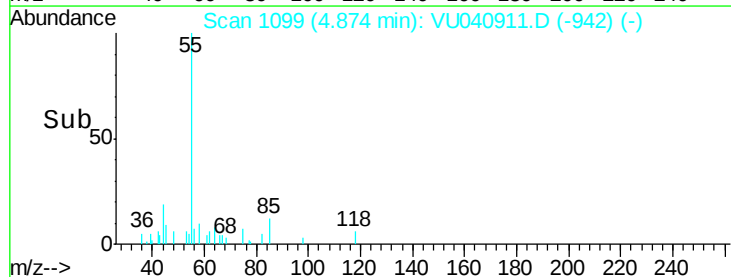
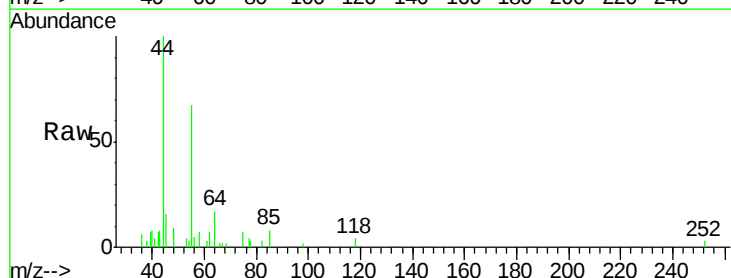
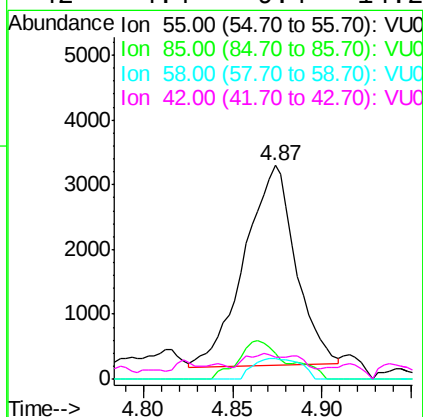
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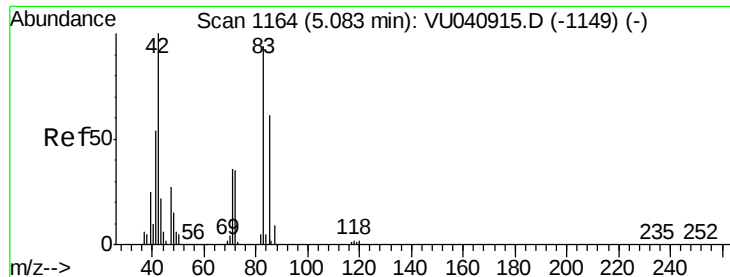
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#40
Methyl acrylate
Concen: 0.601 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.01 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion:	55	Resp:	6154
Ion	Ratio	Lower	Upper
55	100		
85	18.2	12.2	18.2
58	9.5	6.8	10.2
42	4.4	9.4	14.2#





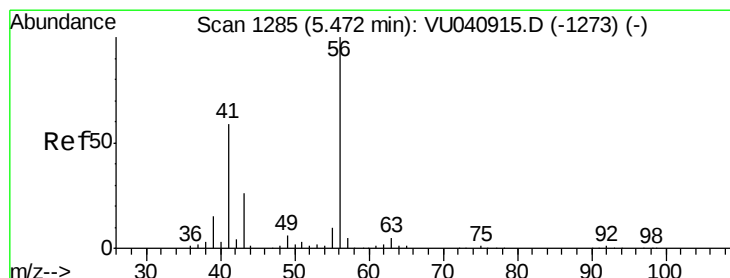
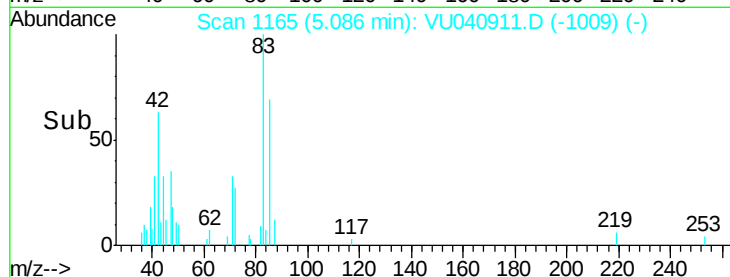
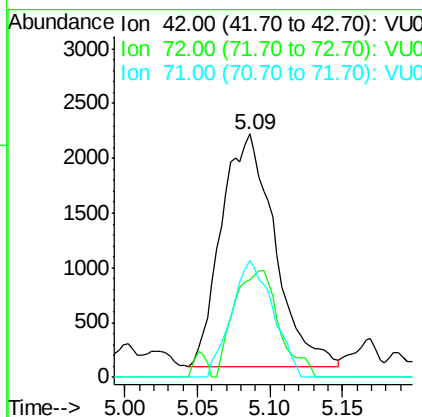
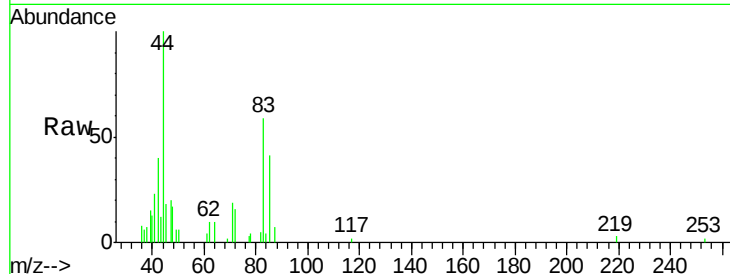
#41
Tetrahydrofuran
Concen: 1.409 ug/l
RT: 5.09 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	30.1	45.1
71	39.1	27.9	41.9

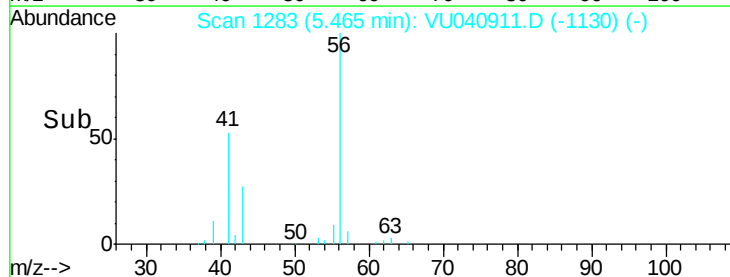
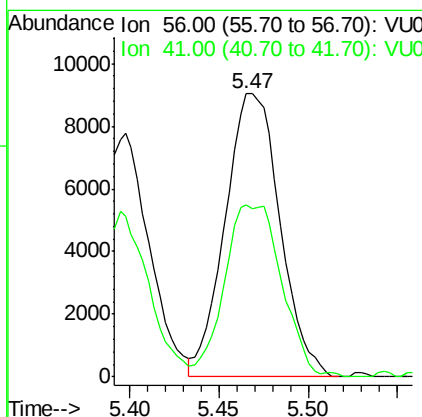
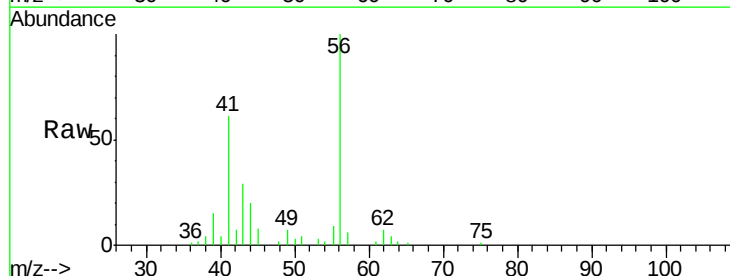
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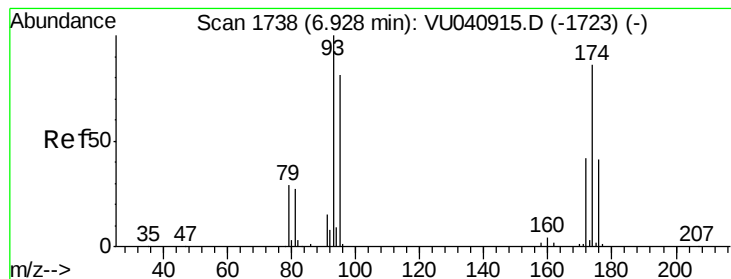
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#42
1-Chlorobutane
Concen: 0.619 ug/l
RT: 5.47 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
56	100		
41	63.3	29.6	88.8





#43

Dibromomethane

Concen: 0.583 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

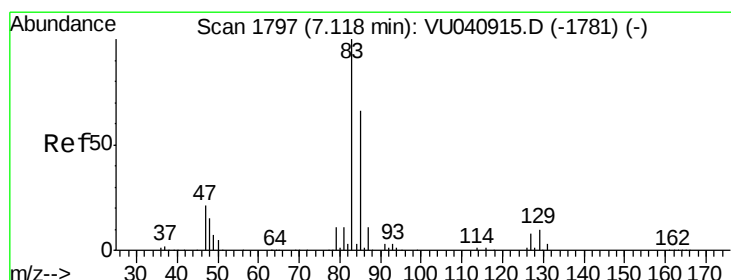
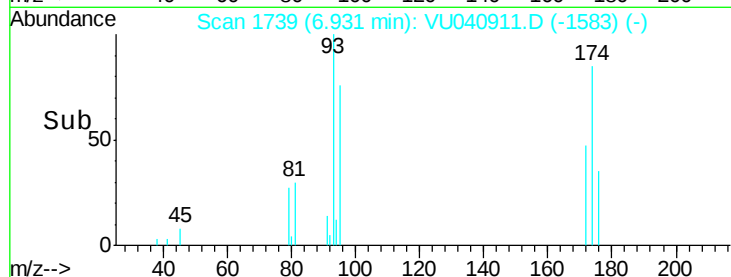
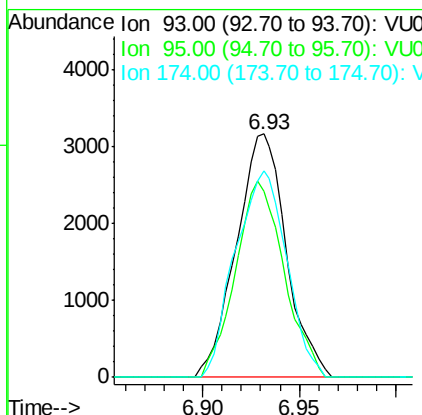
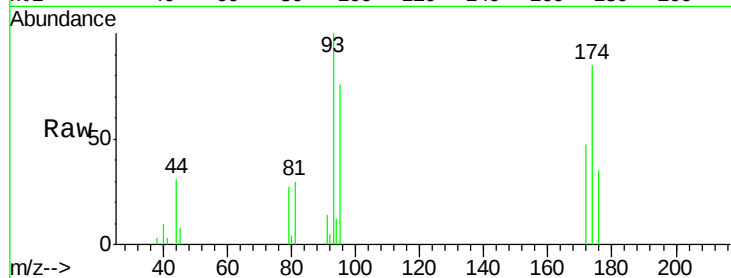
ClientSampleId :

VSTDIC0.5

Tot Ion:	93	Resp:	5669
Ion	Ratio	Lower	Upper
93	100		
95	78.7	66.3	99.5
174	87.4	70.4	105.6

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#44

Bromodichloromethane

Concen: 0.556 ug/l

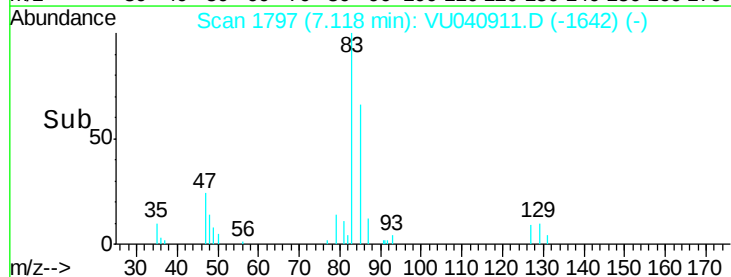
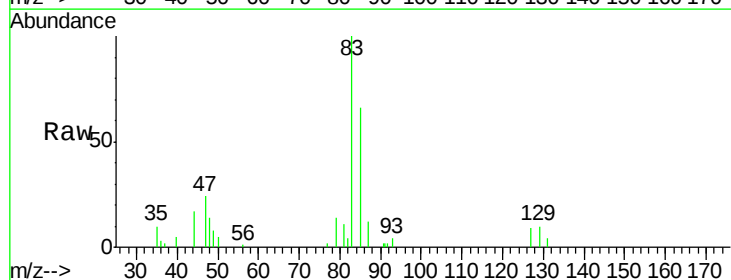
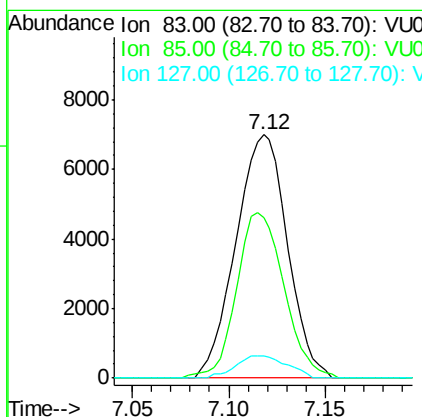
RT: 7.12 min Scan# 1797

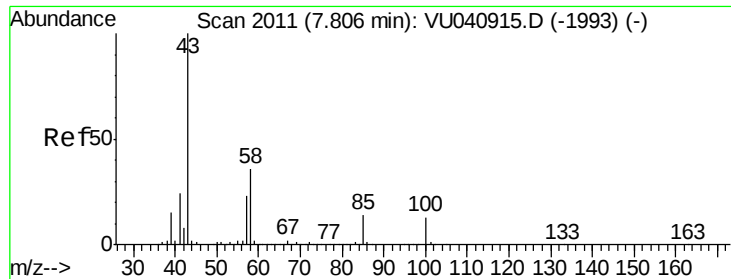
Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Tgt Ion:	83	Resp:	12941
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	78.8
127	9.0	6.4	9.6





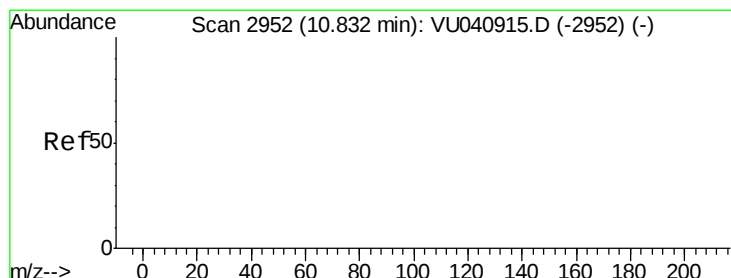
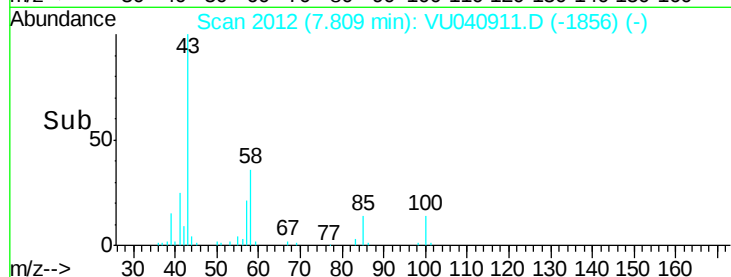
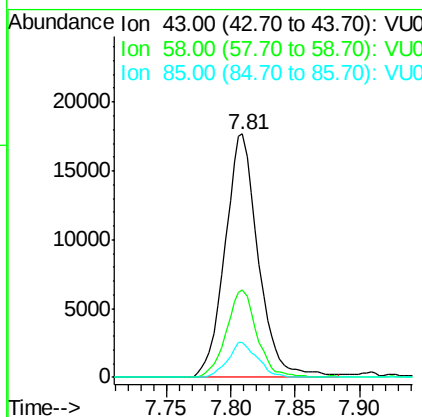
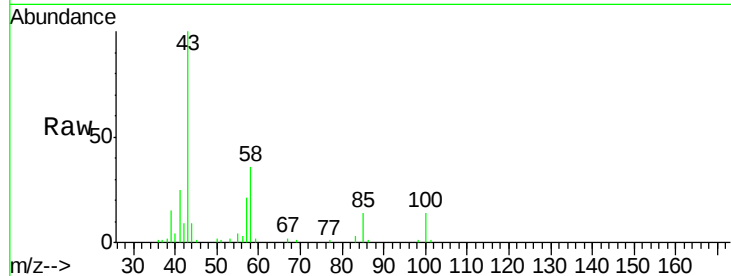
#45
4-Methyl-2-Pentanone
Concen: 2.375 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
43	100		
58	32.8	17.8	53.5
85	12.5	11.4	17.2

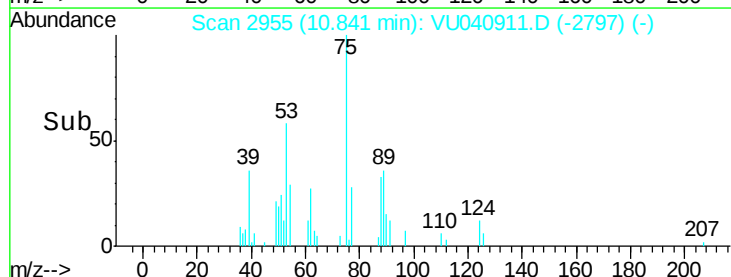
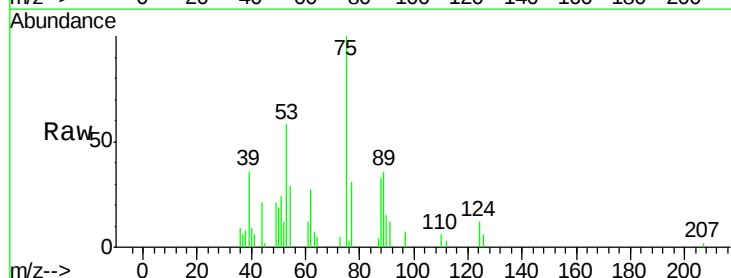
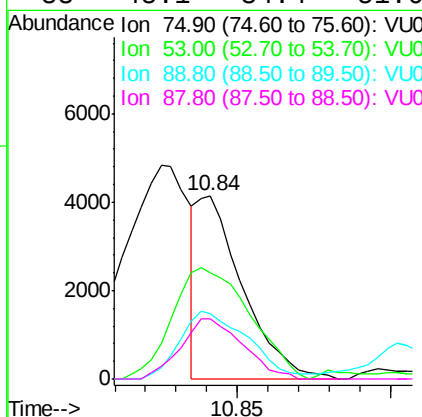
Manual Integrations
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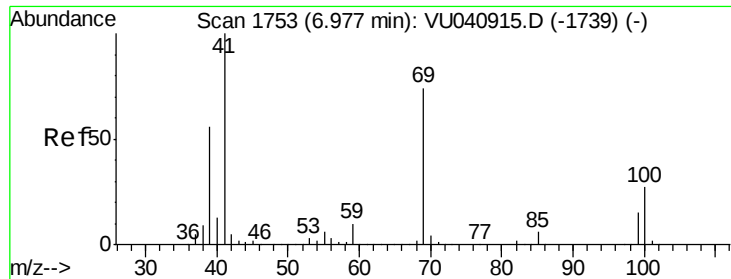
MMDadoda
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#46
t-1,4-Dichloro-2-butene
Concen: 0.845 ug/l m
RT: 10.84 min Scan# 2955
Delta R.T. 0.01 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
75	100		
53	104.2	73.0	109.4
89	55.9	41.7	62.5
88	45.1	34.4	51.6





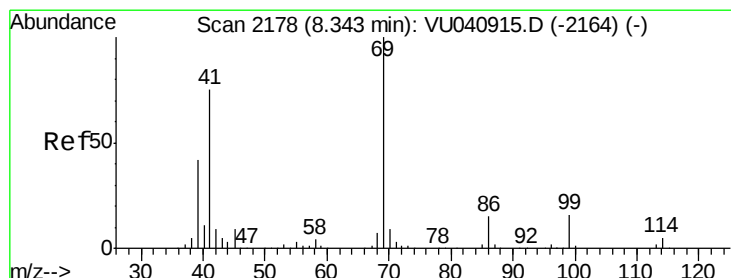
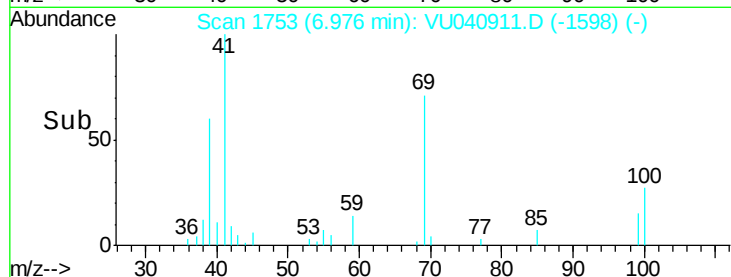
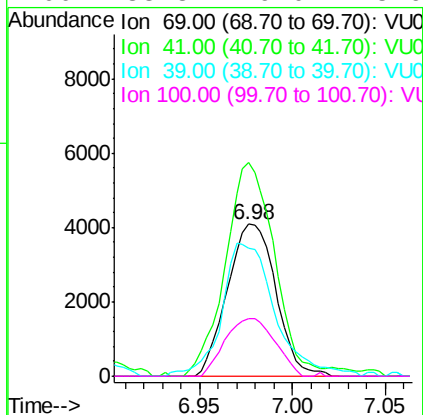
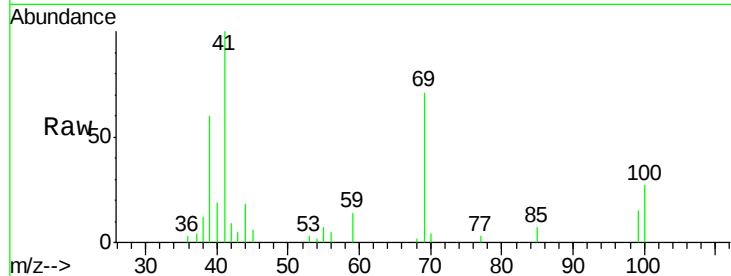
#47
Methyl methacrylate
Concen: 0.884 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
69	100		
41	142.1	0.0	270.2
39	95.4	61.6	92.4
100	38.8	29.0	43.6

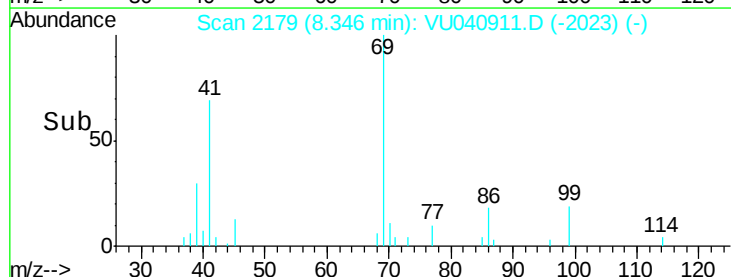
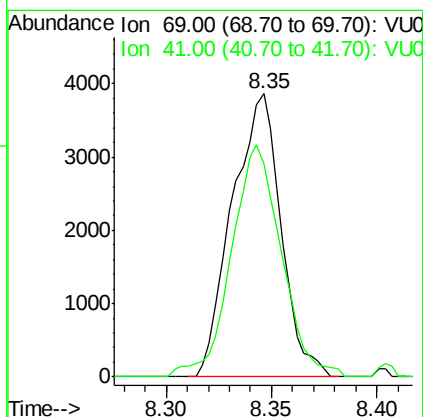
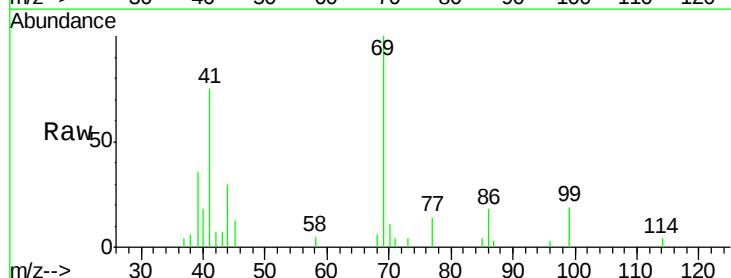
Manual Integrations
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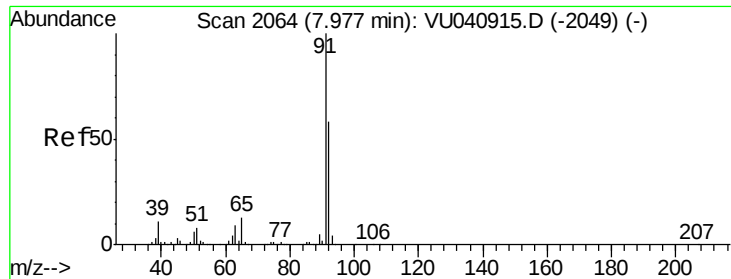
MMDadoda
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#48
Ethyl methacrylate
Concen: 0.413 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. 0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
69	100		
41	83.9	37.6	112.9





#49

Toluene

Concen: 0.463 ug/l

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 92 Resp: 16387

Ion Ratio Lower Upper

92 100

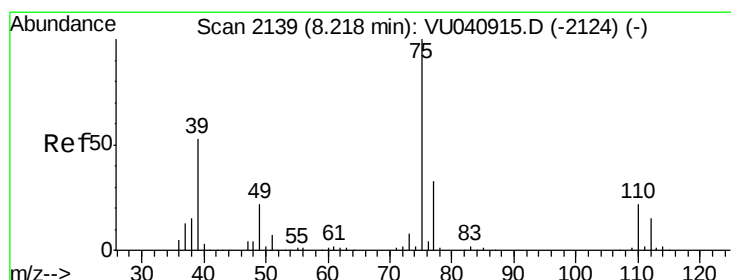
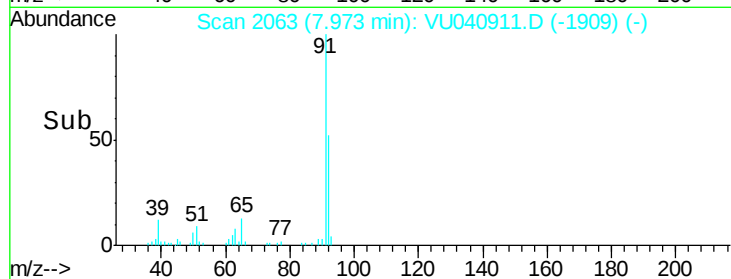
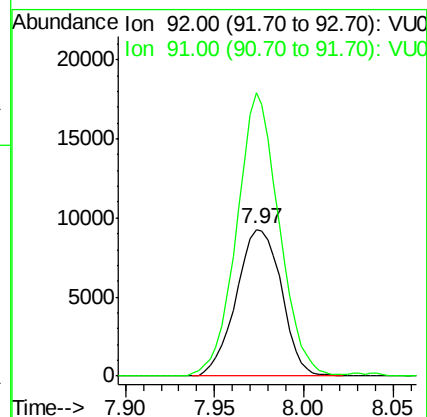
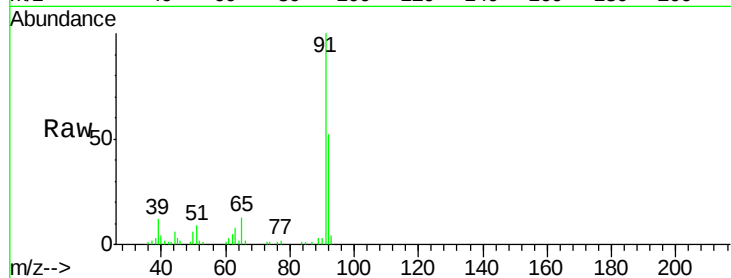
91 181.0 136.8 205.2

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 0.483 ug/l

RT: 8.21 min Scan# 2138

Delta R.T. -0.00 min

Lab File: VU040911.D

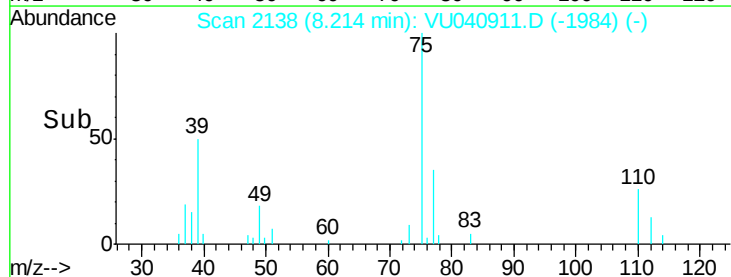
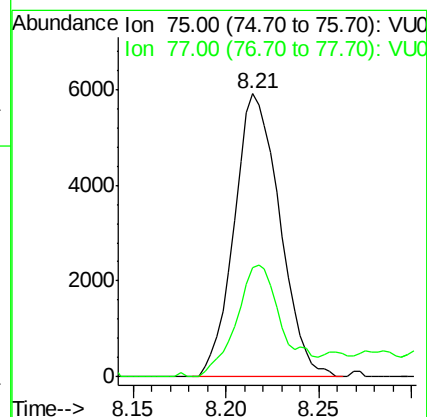
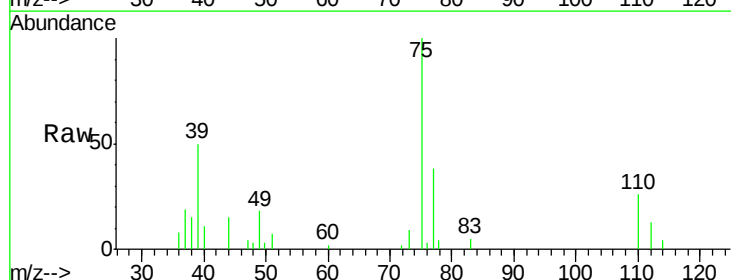
Acq: 22 Oct 2020 18:34

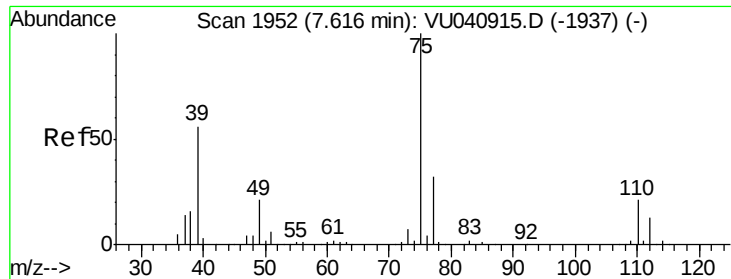
Tgt Ion: 75 Resp: 10072

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.4





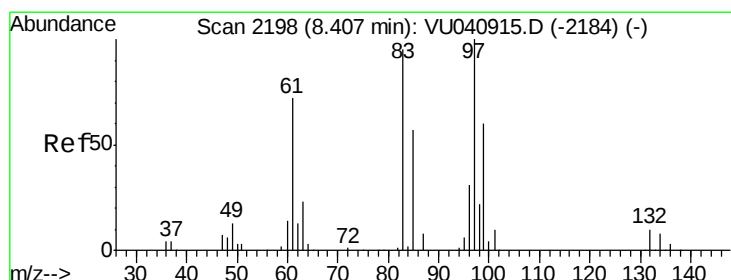
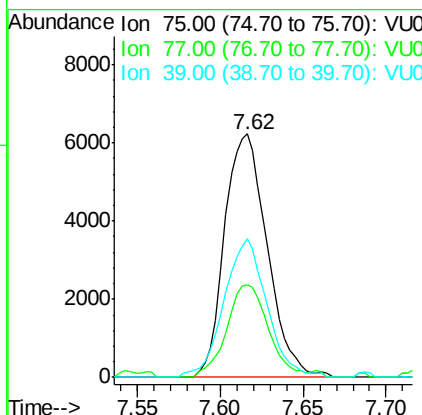
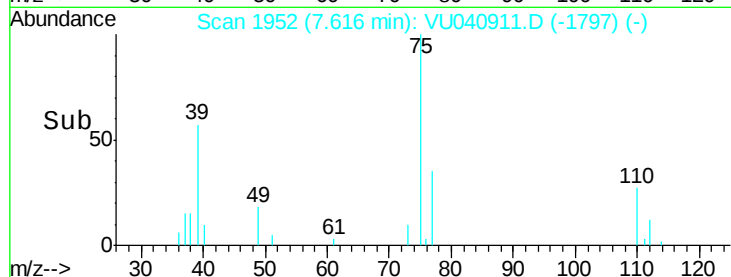
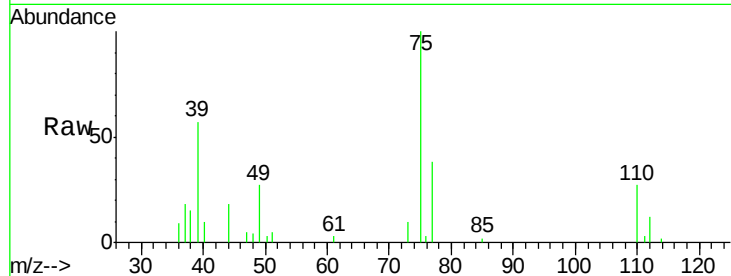
#51
 cis-1,3-Dichloropropene
 Concen: 0.481 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.4	38.0
39	57.2	44.7	67.1

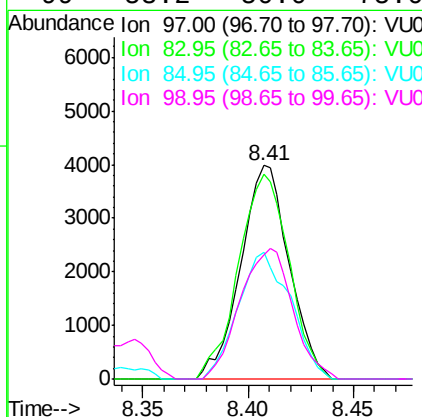
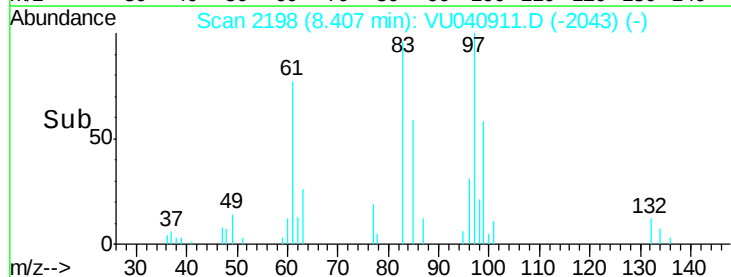
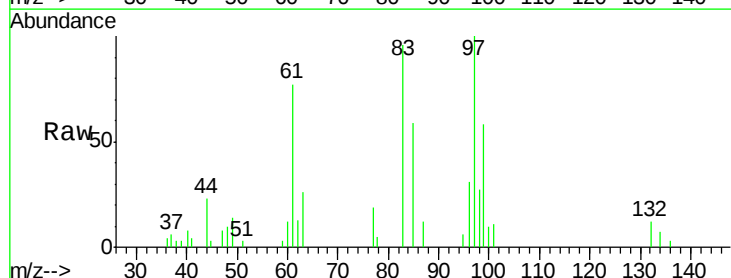
Manual Integrations
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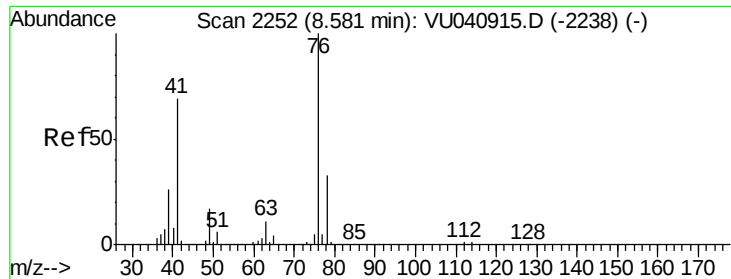
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#52
 1,1,2-Trichloroethane
 Concen: 0.511 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
97	100		
83	95.7	75.9	113.9
85	59.2	46.1	69.1
99	58.2	50.0	75.0





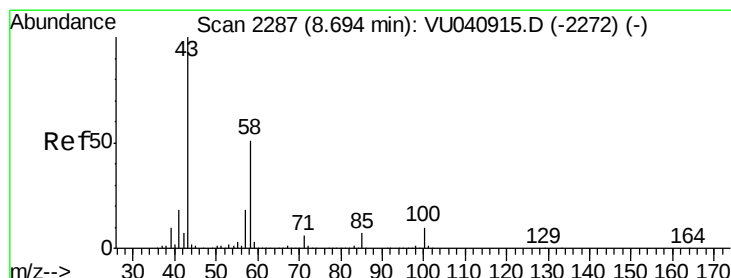
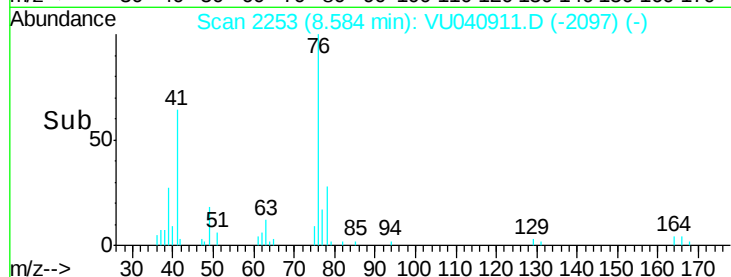
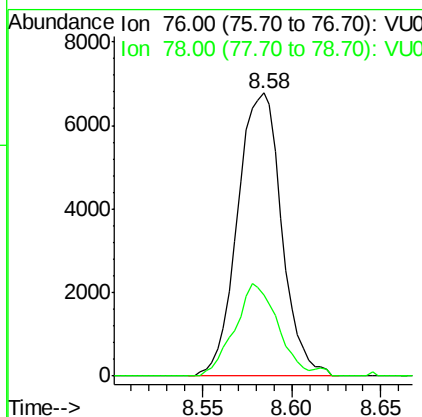
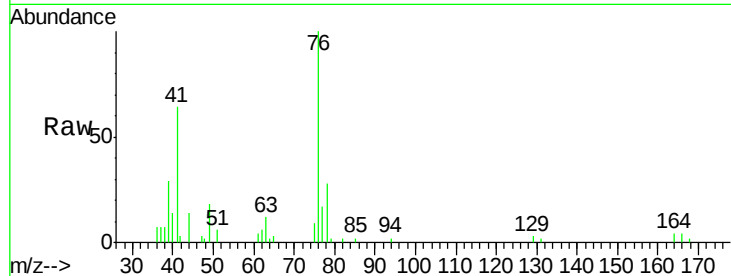
#53
 1,3-Dichloropropane
 Concen: 0.521 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.6	39.8

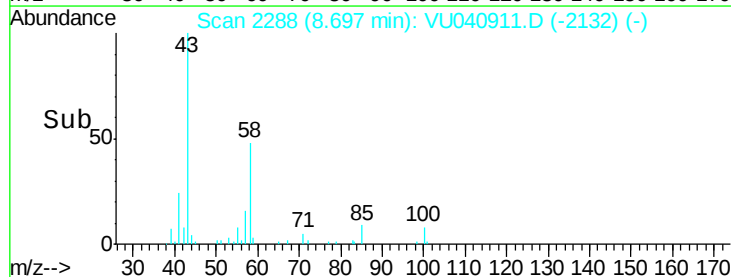
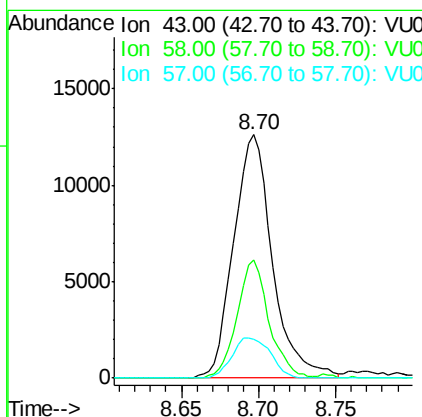
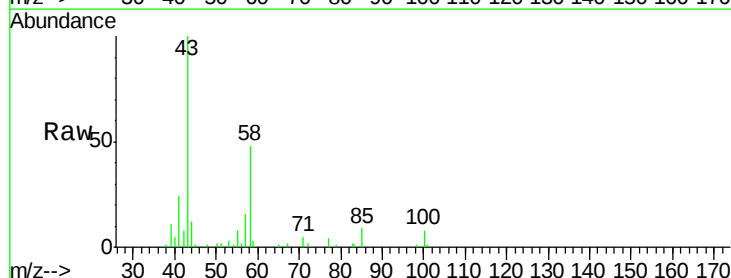
Manual Integrations
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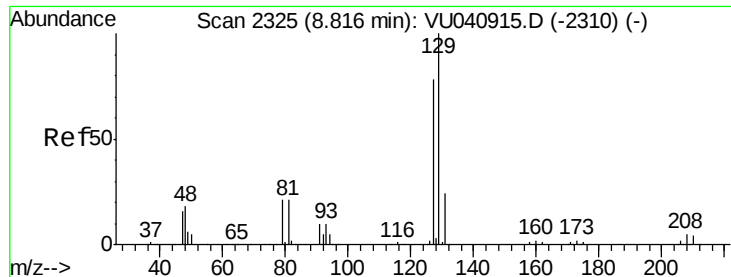
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#54
 2-Hexanone
 Concen: 2.294 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	30.2	70.2
57	16.2	0.0	37.4





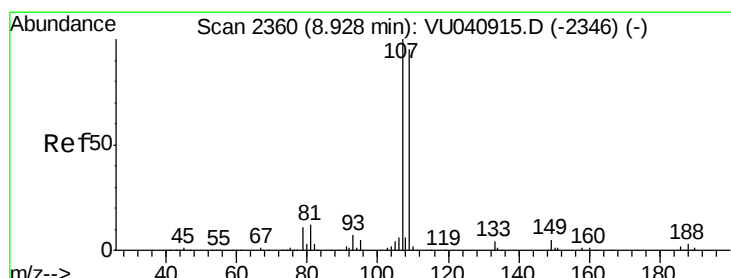
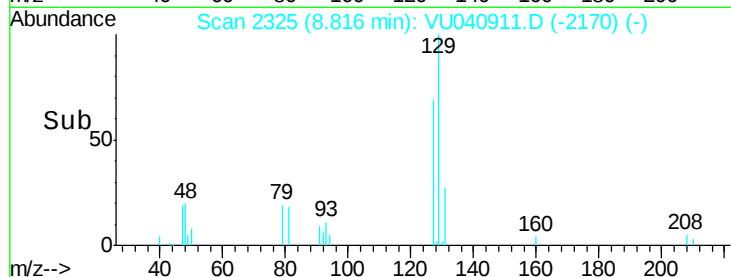
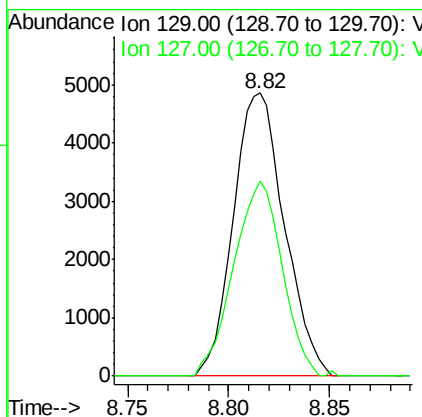
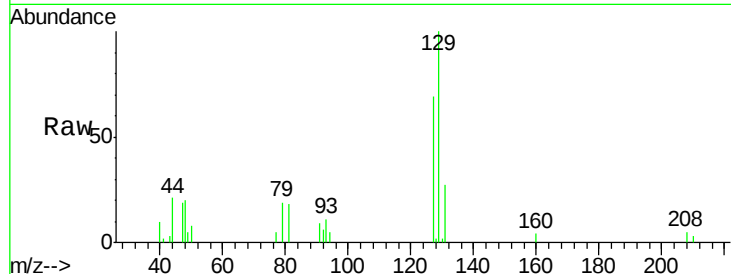
#55
Dibromochloromethane
Concen: 0.594 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
129	100		
127	65.2	63.1	94.7

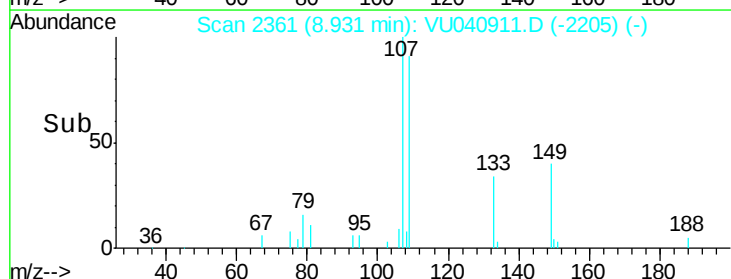
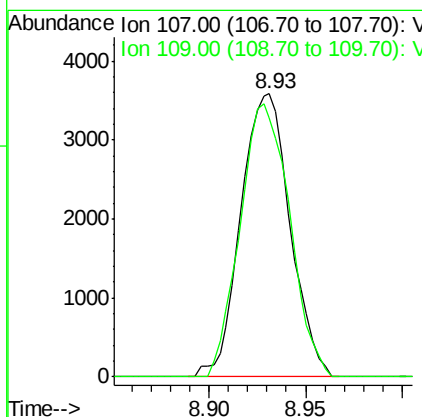
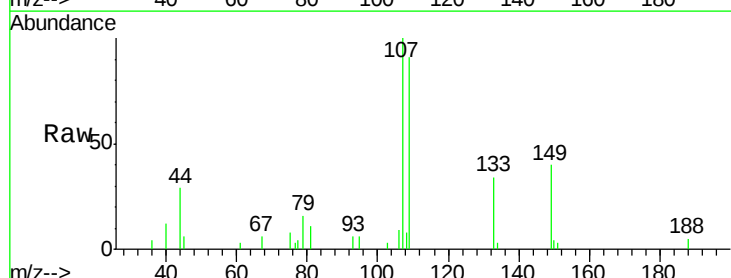
Manual Integrations
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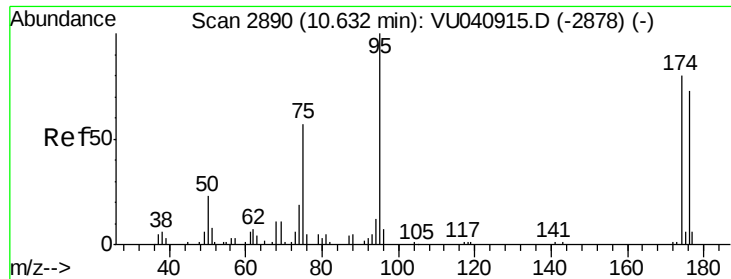
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#56
1,2-Dibromoethane
Concen: 0.545 ug/l
RT: 8.93 min Scan# 2361
Delta R.T. 0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
107	100		
109	97.4	0.0	190.4





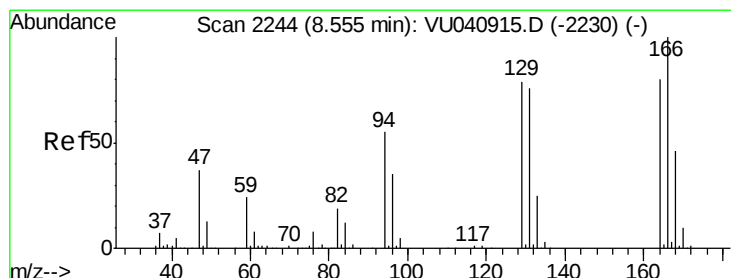
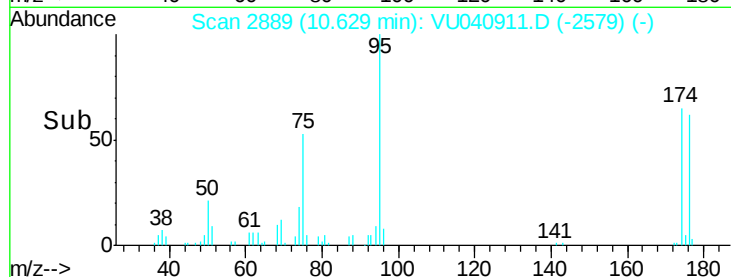
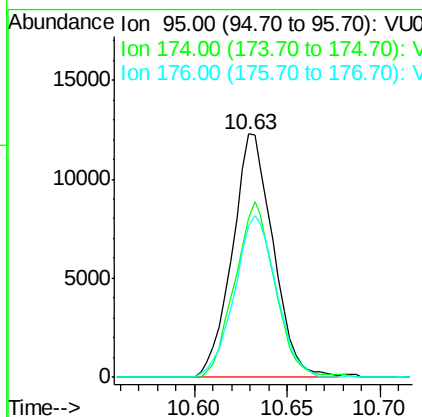
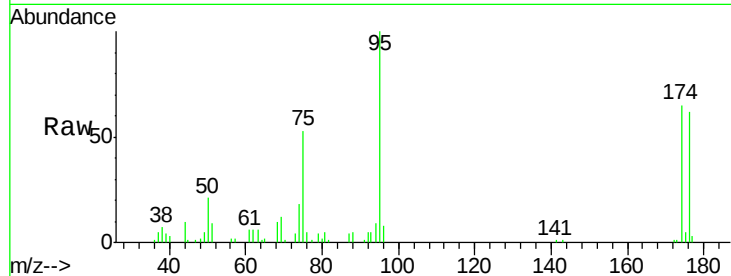
#57
4-Bromofluorobenzene
Concen: 0.881 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
95	100		
174	69.9	60.3	90.5
176	67.9	55.6	83.4

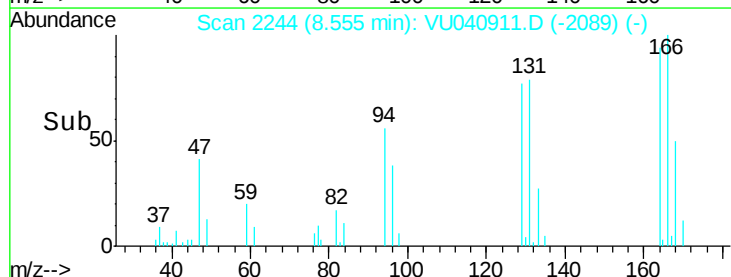
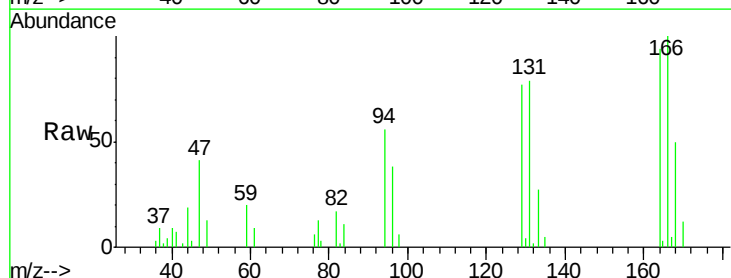
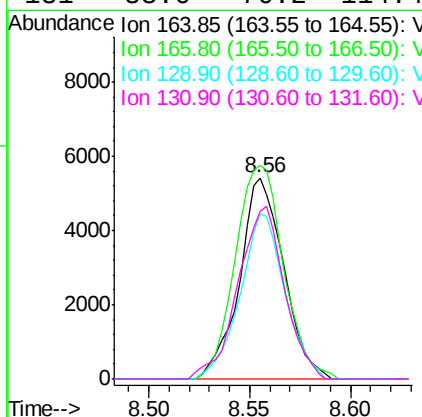
Manual Integrations
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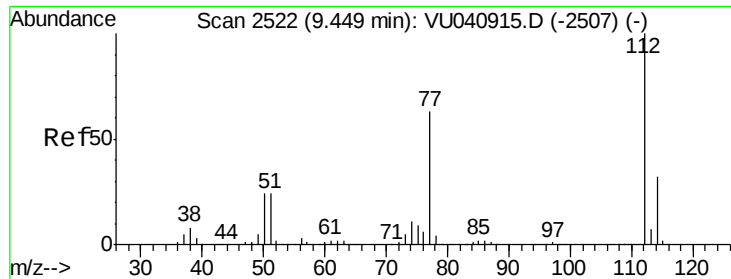
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#58
Tetrachloroethene
Concen: 0.589 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	106.2	100.3	150.5
129	82.3	79.4	119.0
131	83.6	76.2	114.4





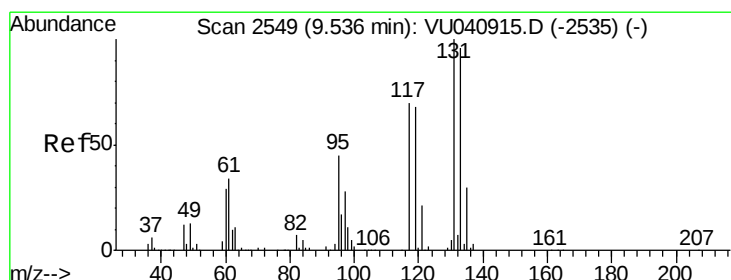
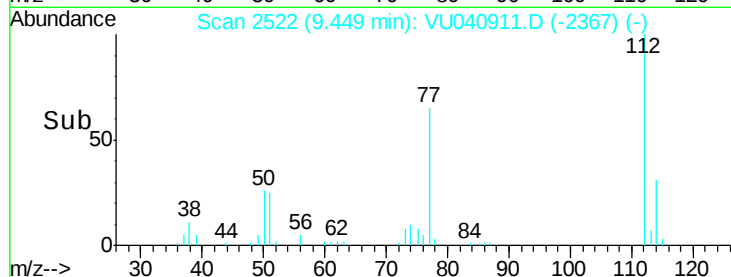
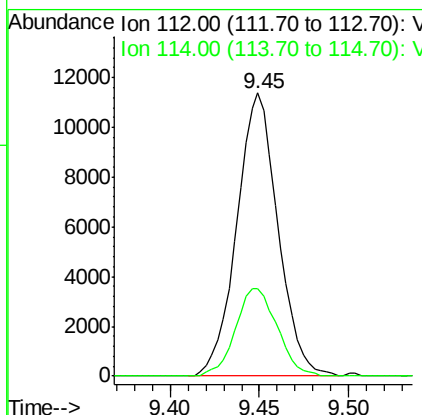
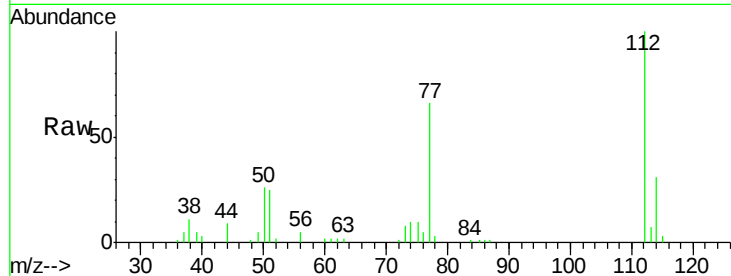
#59
Chlorobenzene
Concen: 0.474 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion:112 Resp: 18245
Ion Ratio Lower Upper
112 100
114 31.1 25.8 38.8

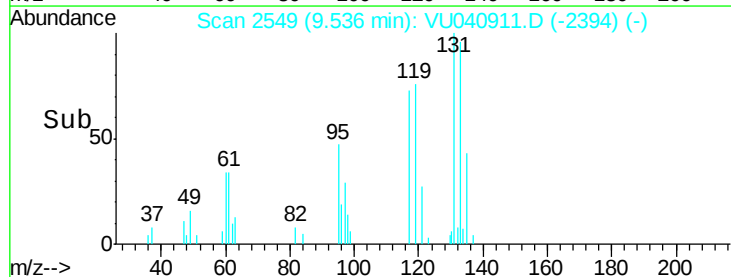
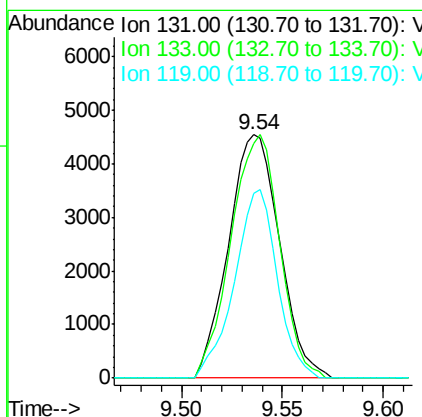
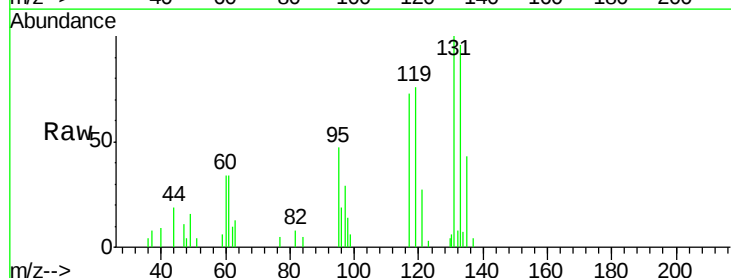
Manual Integrations
APPROVED

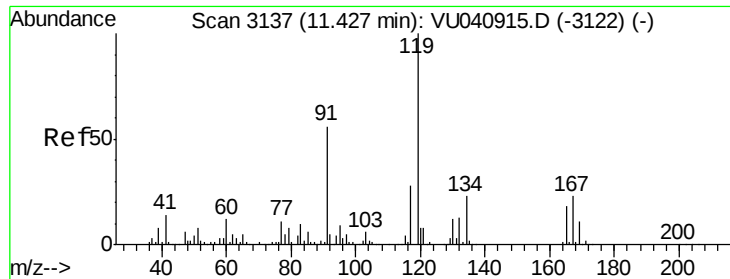
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 0.569 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion:131 Resp: 8055
Ion Ratio Lower Upper
131 100
133 95.2 77.4 116.0
119 64.9 53.5 80.3





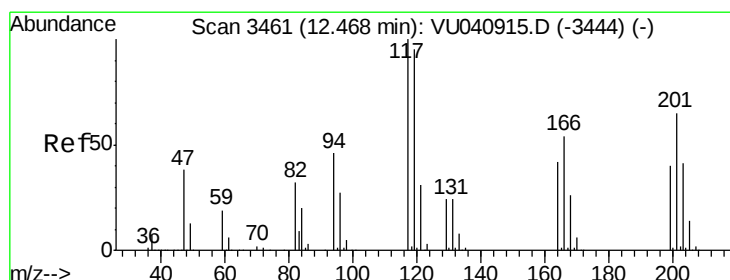
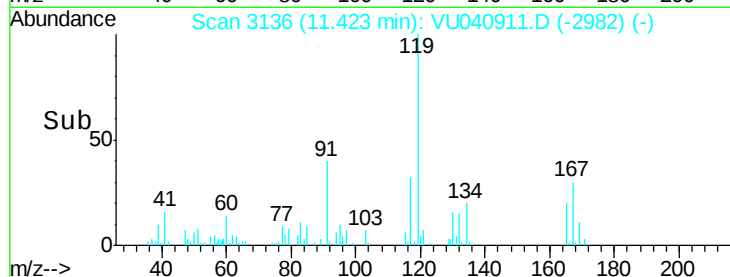
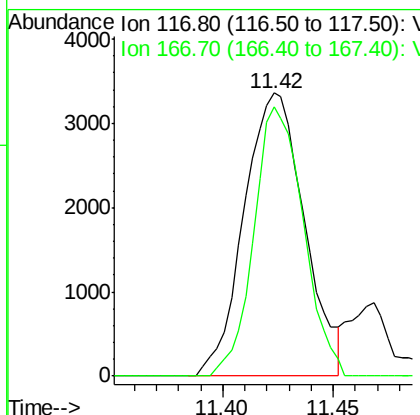
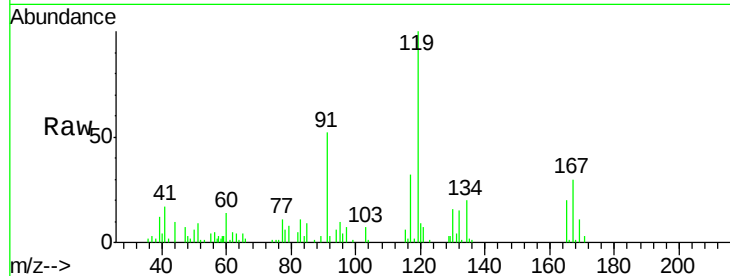
#61
 Pentachloroethane
 Concen: 0.638 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion:117 Resp: 6382
 Ion Ratio Lower Upper
 117 100
 167 78.0 59.4 89.2

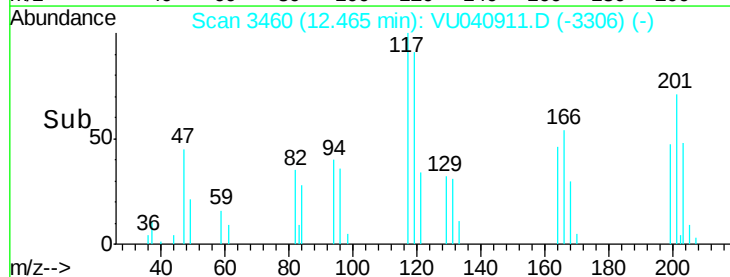
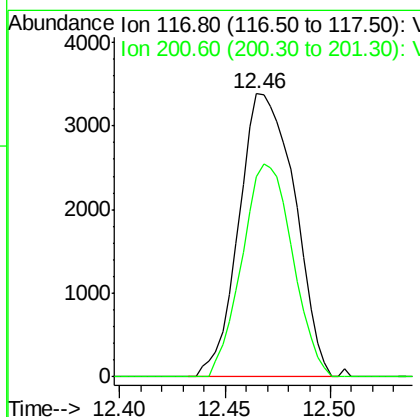
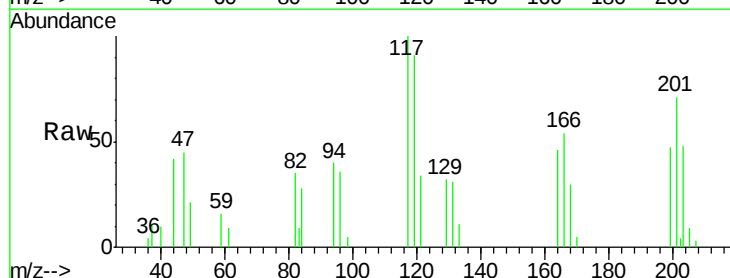
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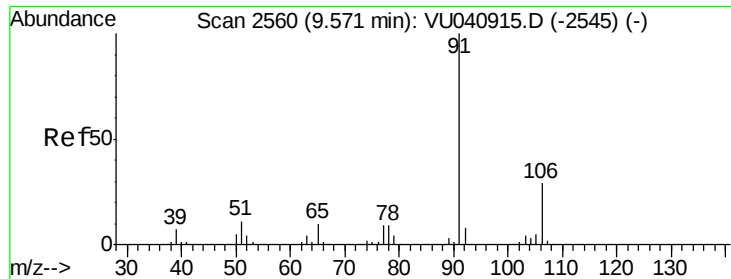
MMDadoda
 10/26/2020 4:14:28 PM



#62
 Hexachloroethane
 Concen: 0.507 ug/l
 RT: 12.46 min Scan# 3460
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Tgt Ion:117 Resp: 6215
 Ion Ratio Lower Upper
 117 100
 201 68.1 52.6 78.8





#63

Ethyl Benzene

Concen: 0.436 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion: 91 Resp: 28675

Ion Ratio Lower Upper

91 100

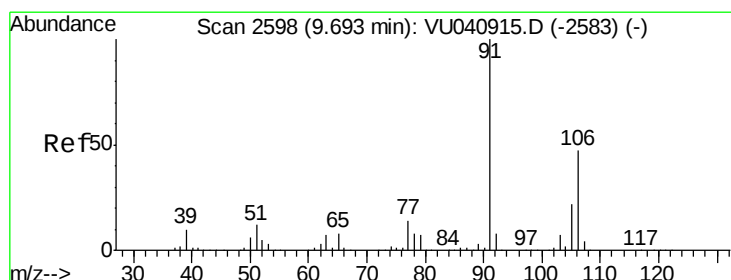
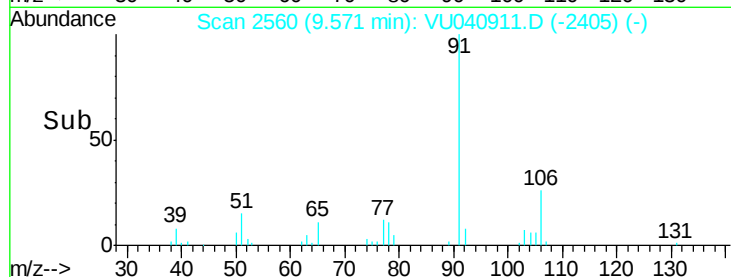
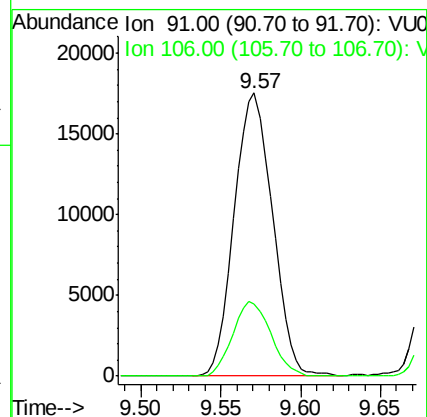
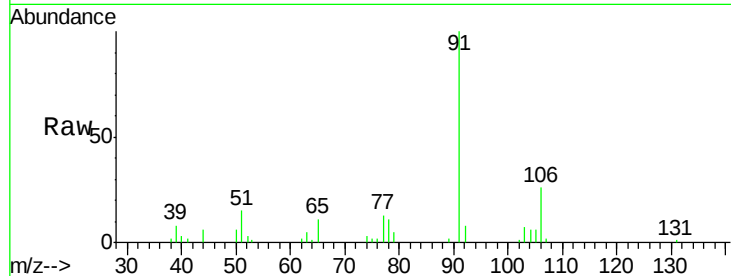
106 25.7 23.5 35.3

Manual Integrations

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#64

m/p-Xylenes

Concen: 0.744 ug/l

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040911.D

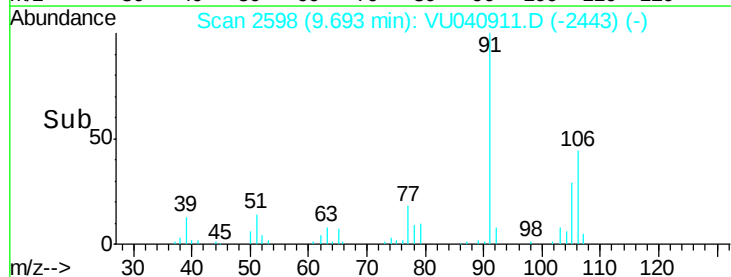
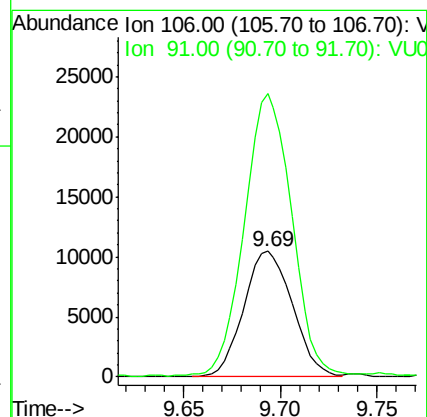
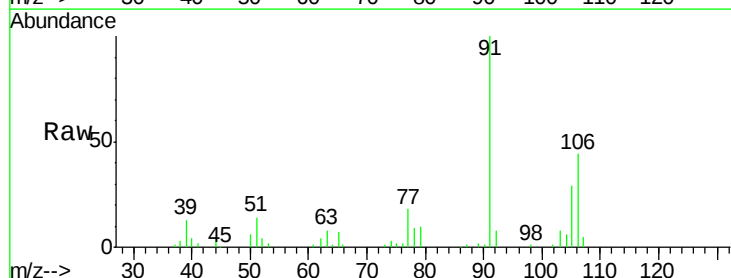
Acq: 22 Oct 2020 18:34

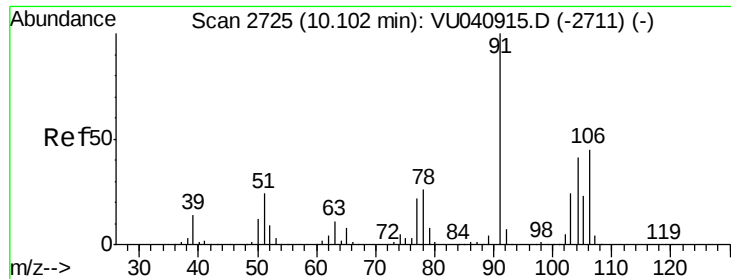
Tgt Ion: 106 Resp: 18411

Ion Ratio Lower Upper

106 100

91 219.5 168.3 252.5





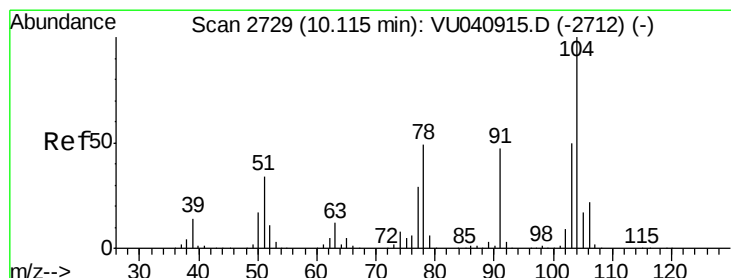
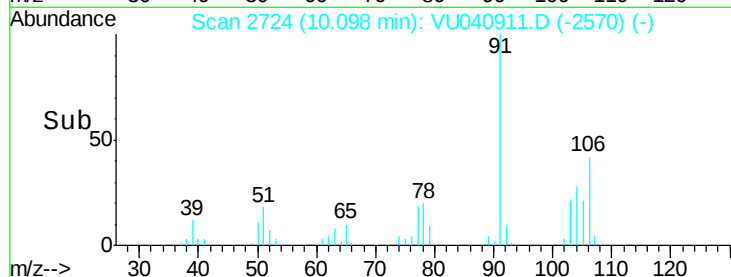
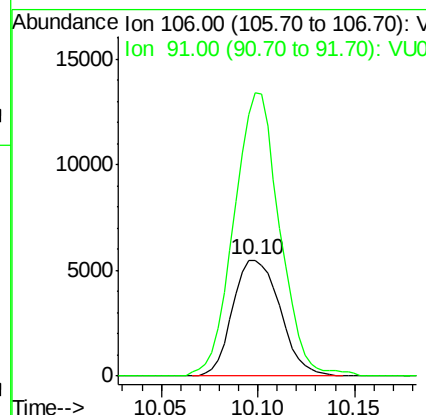
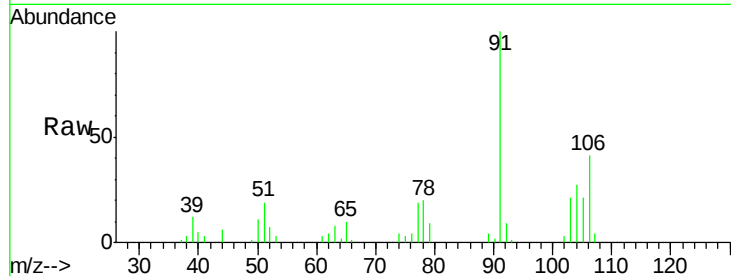
#65
o-Xylene
Concen: 0.395 ug/l
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampled :
VSTDIC0.5

Tot Ion:106 Resp: 9369
Ion Ratio Lower Upper
106 100
91 235.0 111.3 333.9

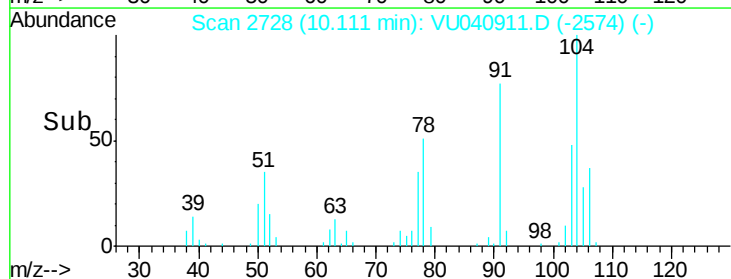
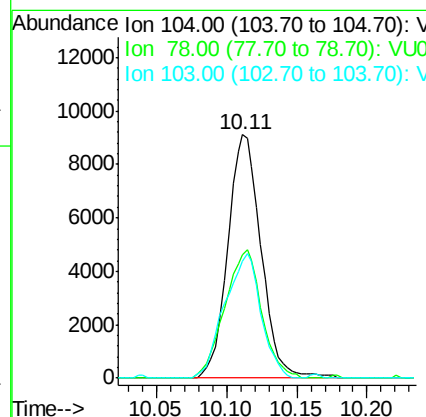
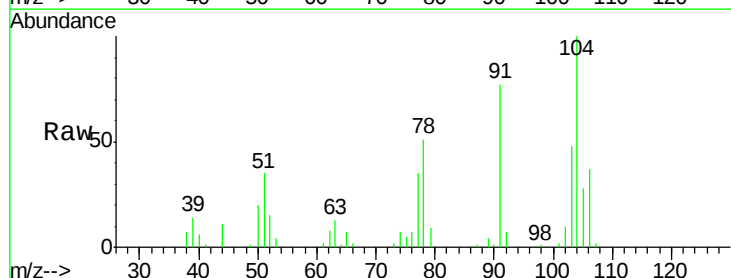
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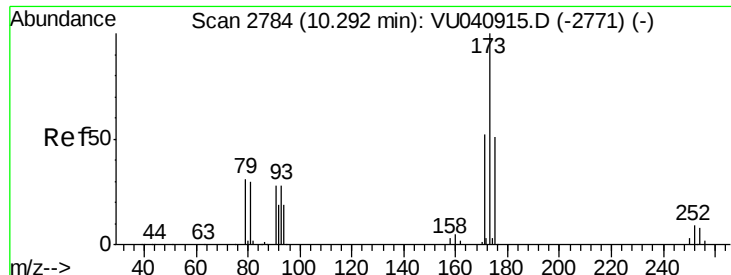
MMDadoda
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#66
Styrene
Concen: 0.360 ug/l
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion:104 Resp: 15024
Ion Ratio Lower Upper
104 100
78 58.1 43.4 65.0
103 55.5 43.1 64.7





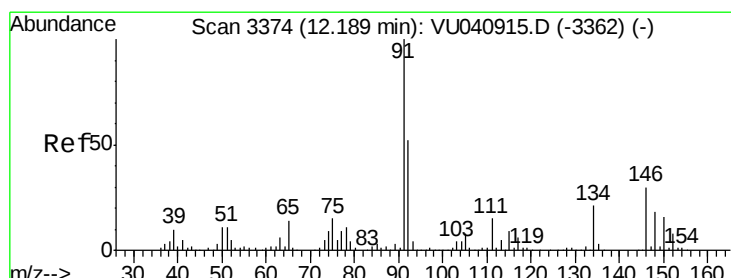
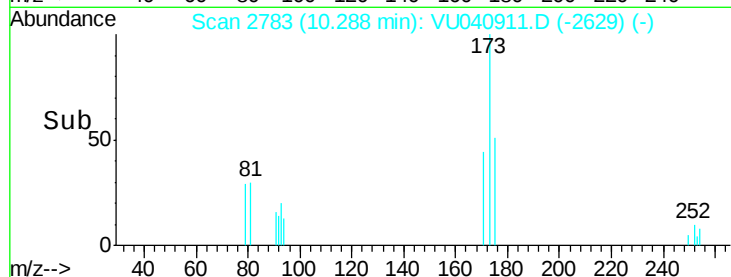
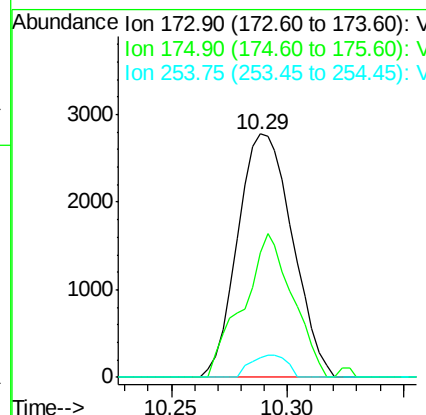
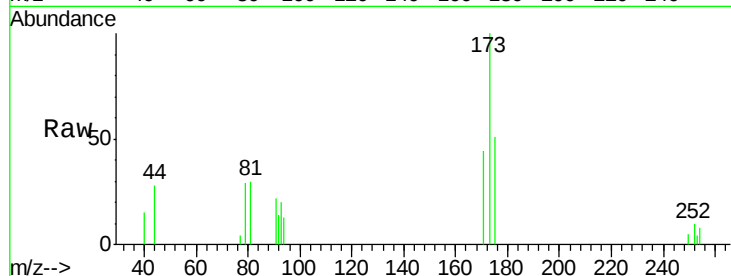
#67
Bromoform
Concen: 0.605 ug/l
RT: 10.29 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
173	100		
175	53.7	39.0	58.4
254	6.0	6.6	9.8#

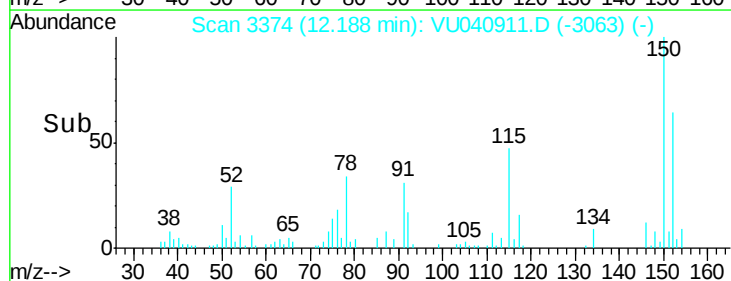
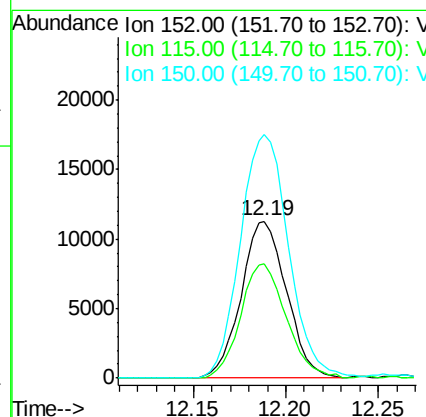
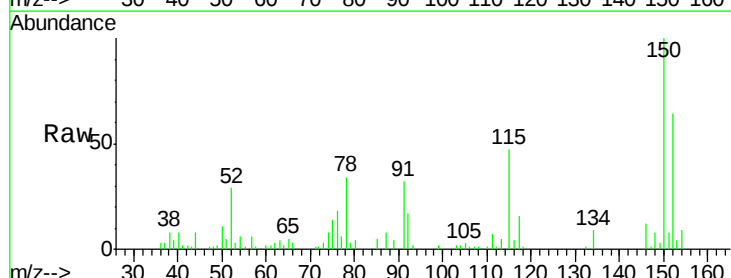
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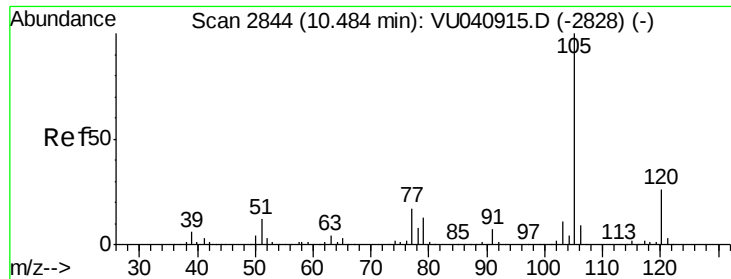
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#68
1,2-Dichlorobenzene-d4
Concen: 0.956 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	73.4	0.0	323.4
150	166.2	0.0	653.8





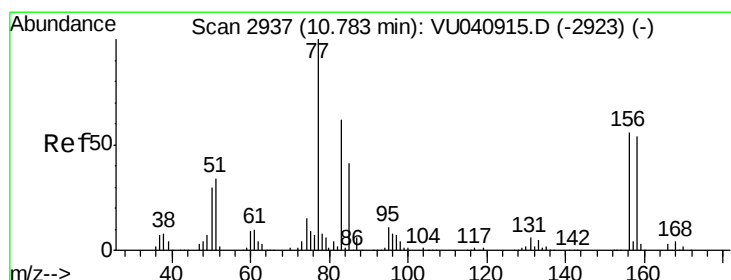
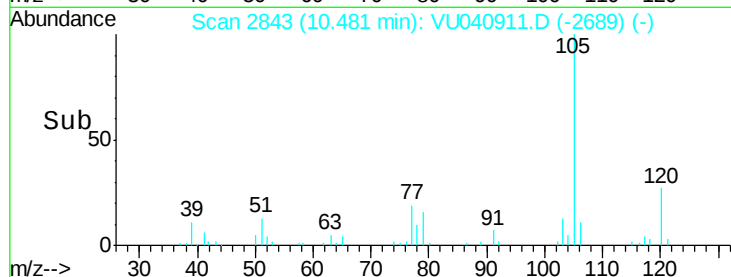
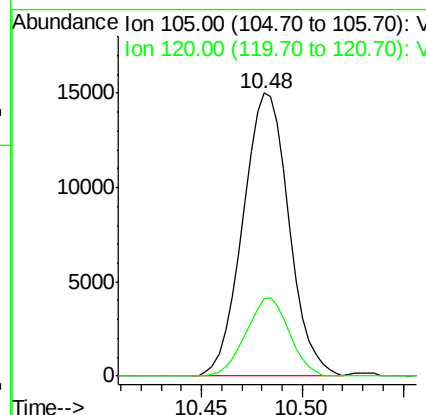
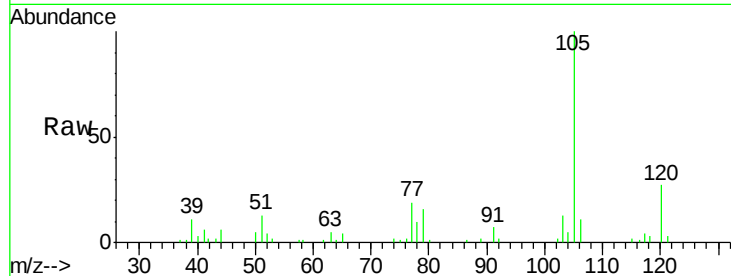
#69
Isopropylbenzene
Concen: 0.371 ug/l
RT: 10.48 min Scan# 2843
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion:105 Resp: 24032
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6

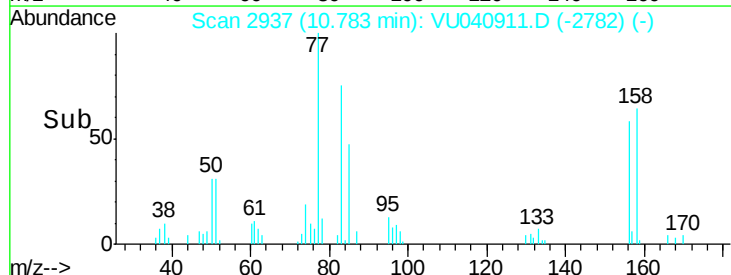
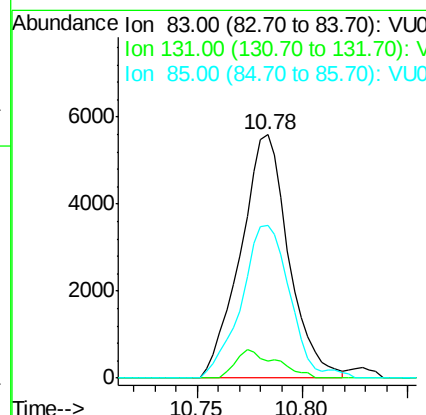
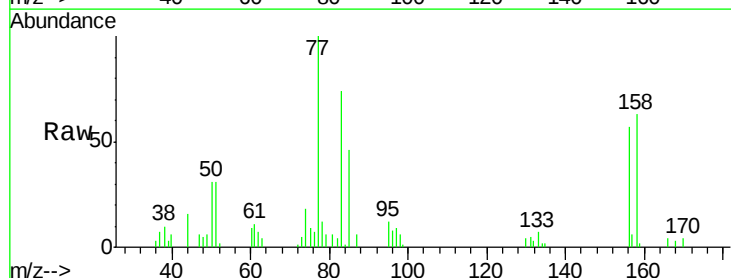
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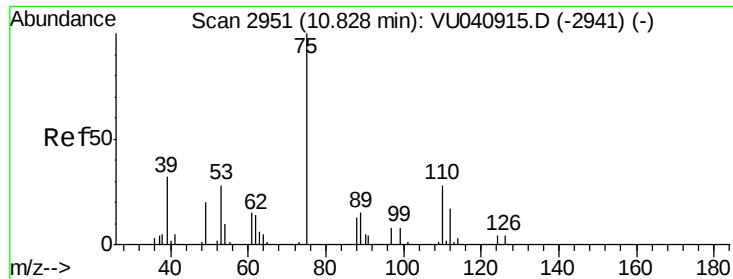
MMDadoda
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#70
1,1,2,2-Tetrachloroethane
Concen: 0.531 ug/l
RT: 10.78 min Scan# 2937
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion: 83 Resp: 8872
Ion Ratio Lower Upper
83 100
131 9.9 7.1 10.7
85 63.8 51.8 77.6





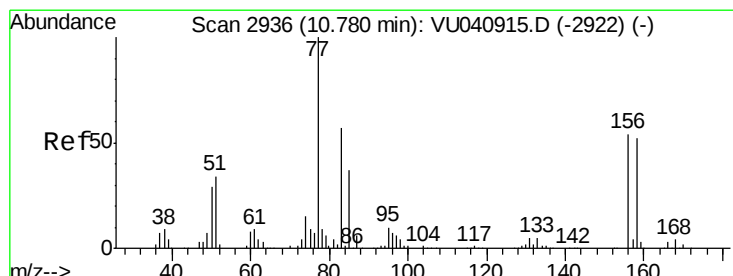
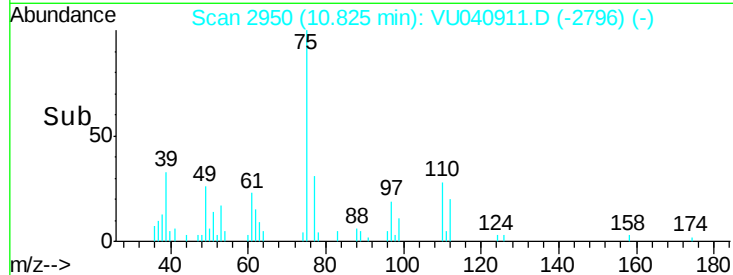
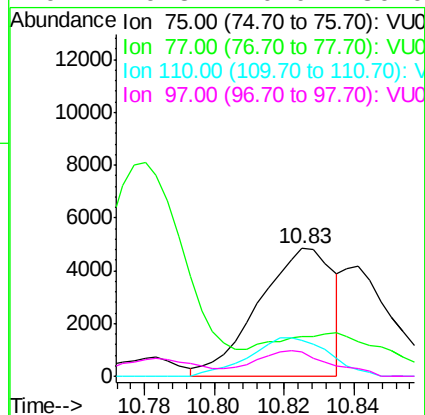
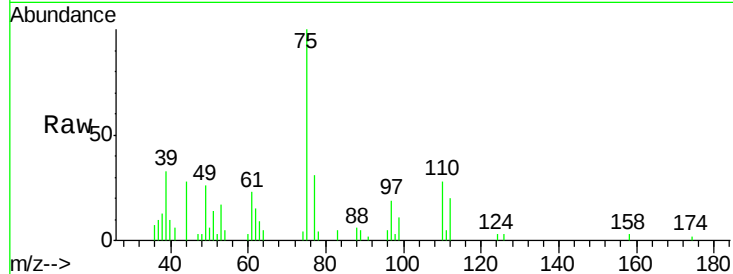
#71
1,2,3-Trichloropropane
Concen: 0.561 ug/l m
RT: 10.83 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion:	75	Resp:	7205
Ion	Ratio	Lower	Upper
75	100		
77	50.3	0.0	110.8
110	32.4	0.0	73.4
97	19.8	0.0	36.0

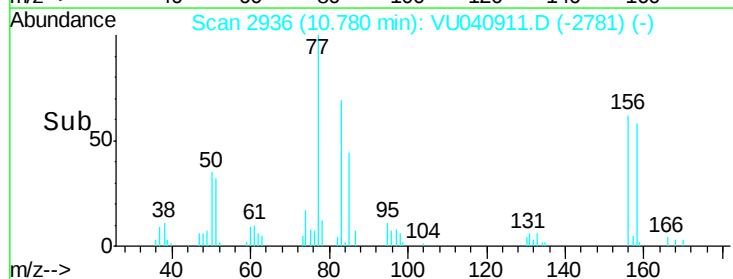
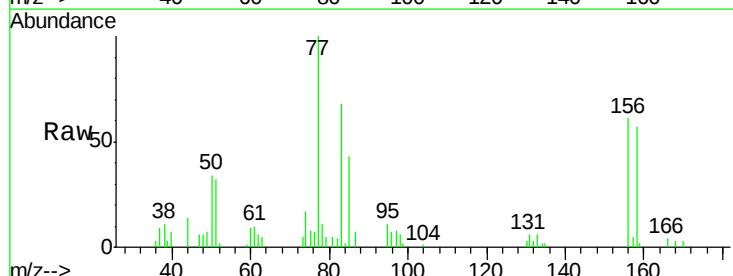
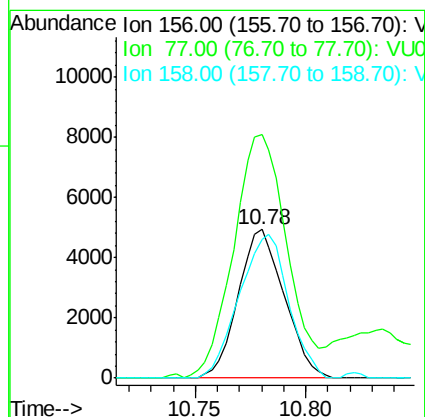
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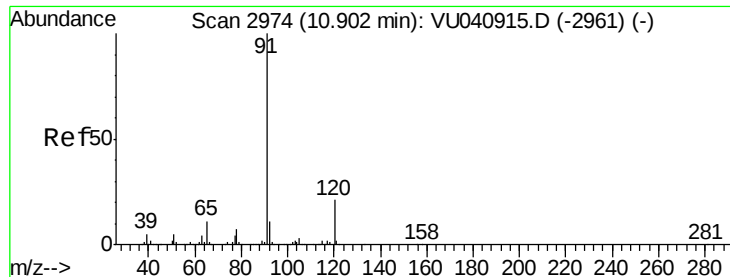
MMDadoda
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#72
Bromobenzene
Concen: 0.466 ug/l
RT: 10.78 min Scan# 2936
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion:	156	Resp:	7155
Ion	Ratio	Lower	Upper
156	100		
77	189.3	0.0	370.2
158	103.1	0.0	193.2





#73

n-propylbenzene

Concen: 0.371 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:120 Resp: 6669

Ion Ratio Lower Upper

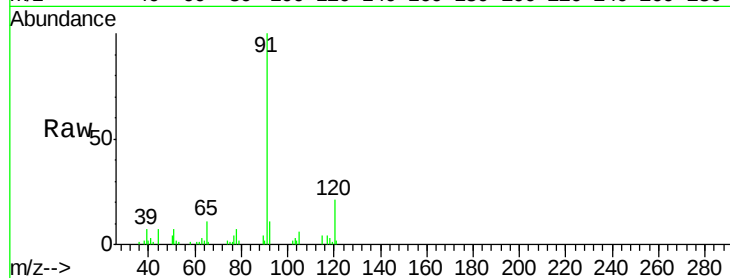
120 100

91 489.8 370.8 556.2

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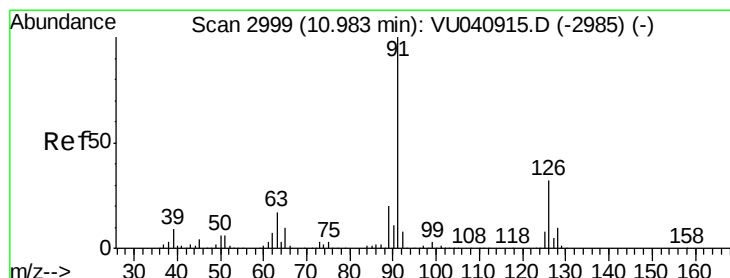
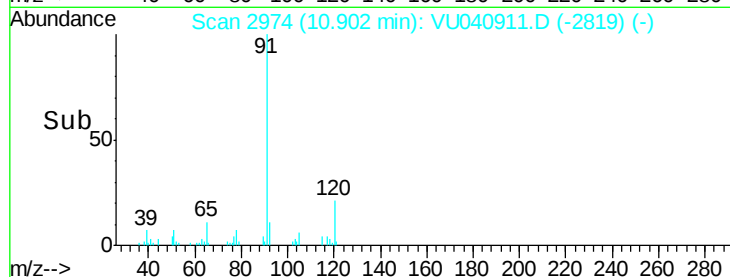
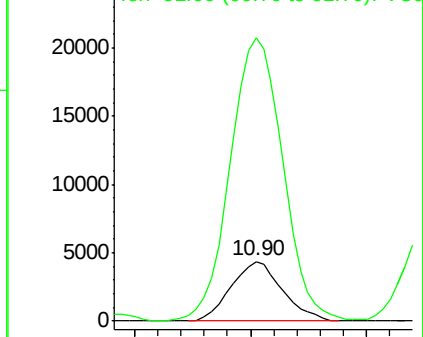
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.437 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU040911.D

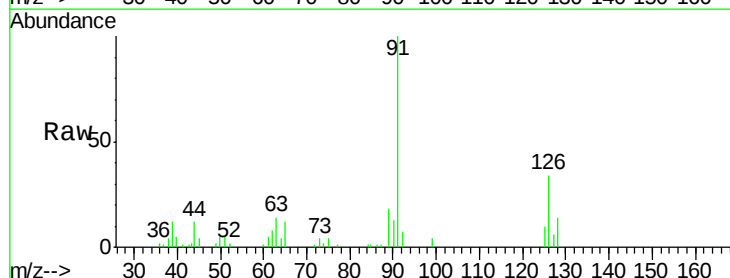
Acq: 22 Oct 2020 18:34

Tgt Ion:126 Resp: 6865

Ion Ratio Lower Upper

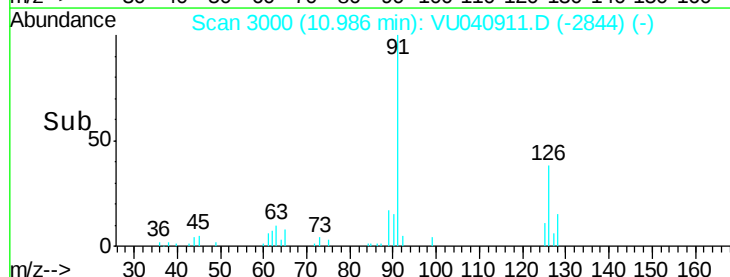
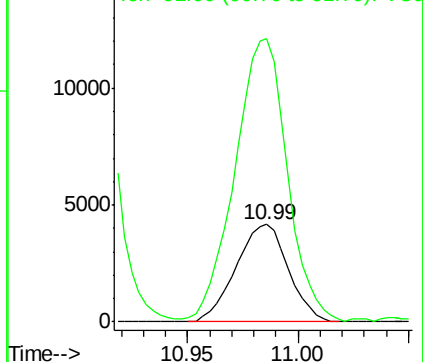
126 100

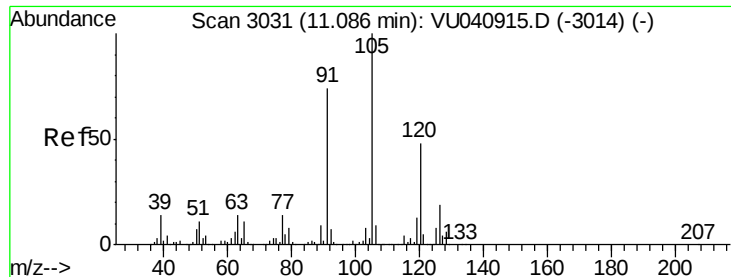
91 291.7 0.0 633.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 0.360 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC0.5

Tot Ion:105 Resp: 20443

Ion Ratio Lower Upper

105 100

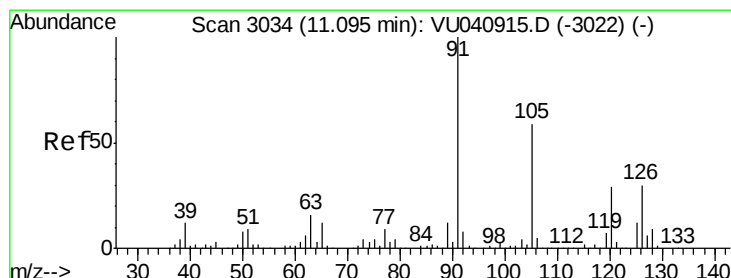
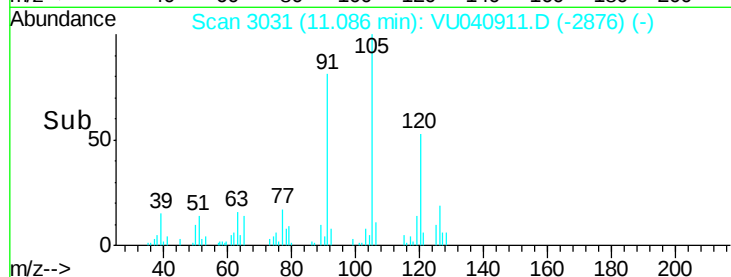
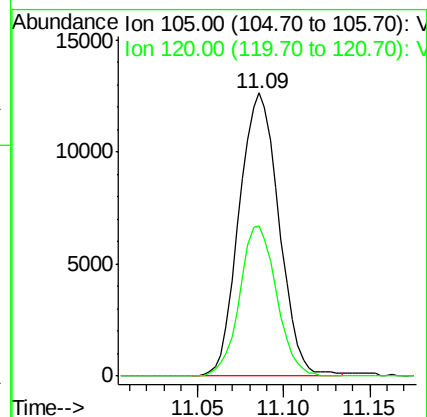
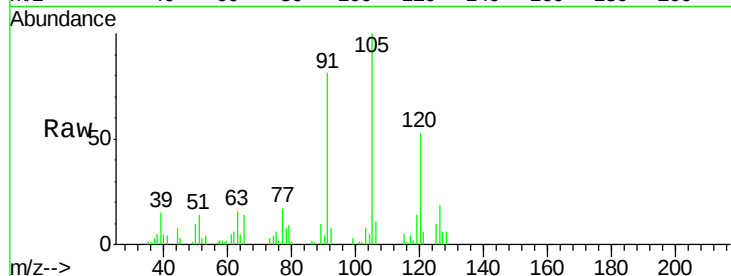
120 48.9 38.7 58.1

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#76

4-Chlorotoluene

Concen: 0.364 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040911.D

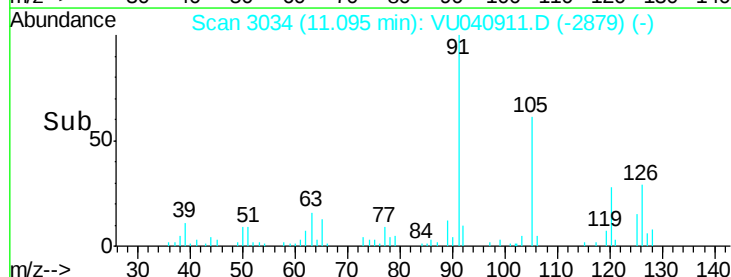
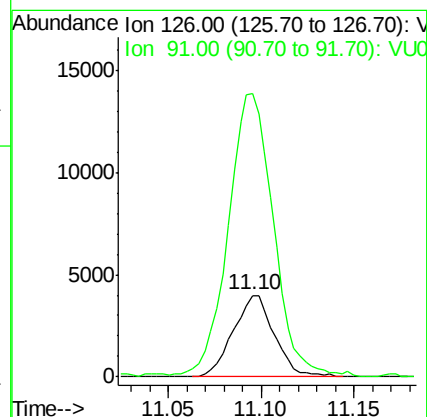
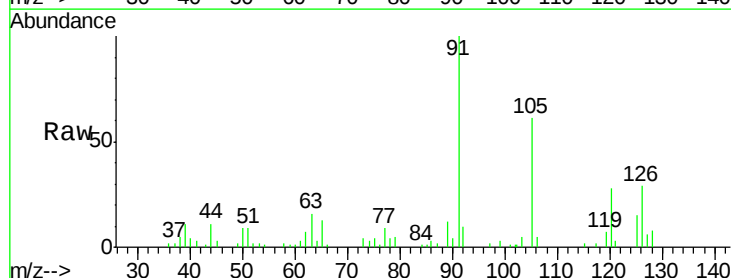
Acq: 22 Oct 2020 18:34

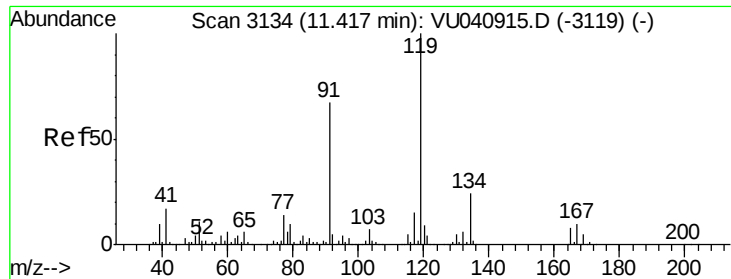
Tgt Ion:126 Resp: 6147

Ion Ratio Lower Upper

126 100

91 383.0 0.0 730.4





#77

tert-Butylbenzene

Concen: 0.392 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument :

MSVOA_U

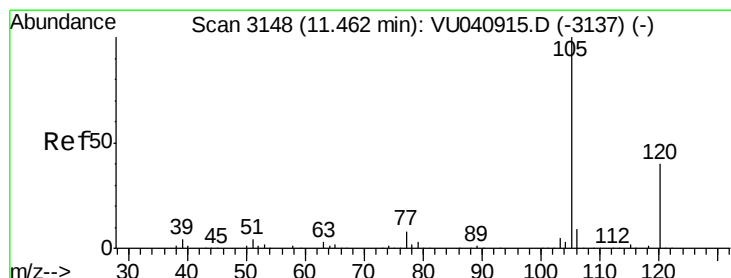
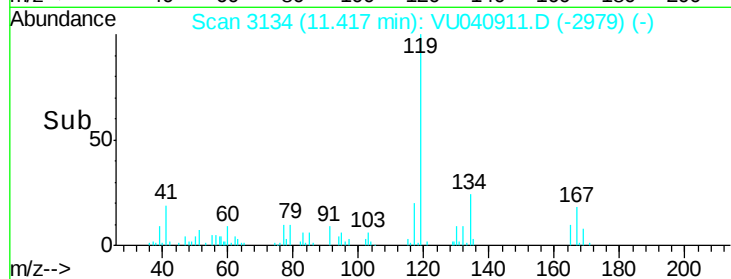
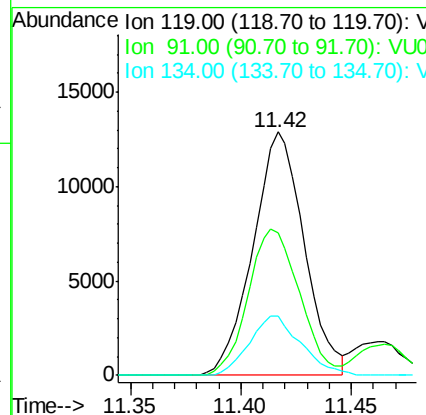
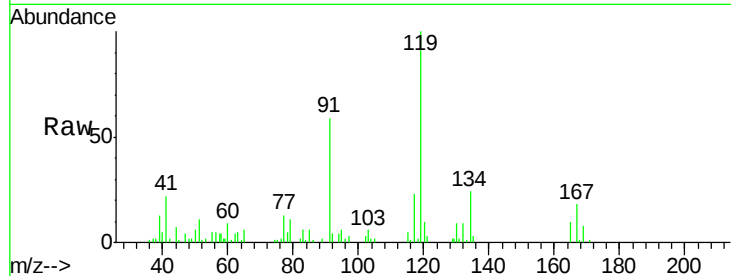
ClientSampleId :

VSTDIC0.5

Tot Ion:	119	Resp:	20746
Ion Ratio	Lower	Upper	
119	100		
91	60.5	32.0	96.2
134	24.6	18.4	27.6

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#78

1,2,4-Trimethylbenzene

Concen: 0.326 ug/l

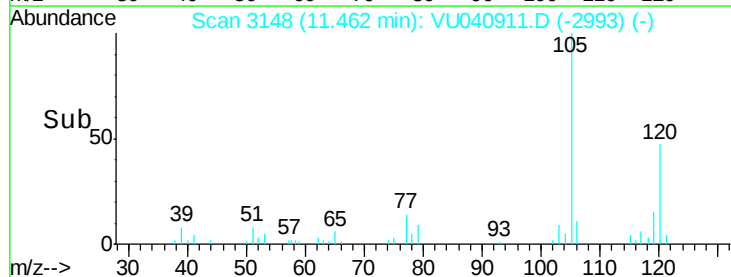
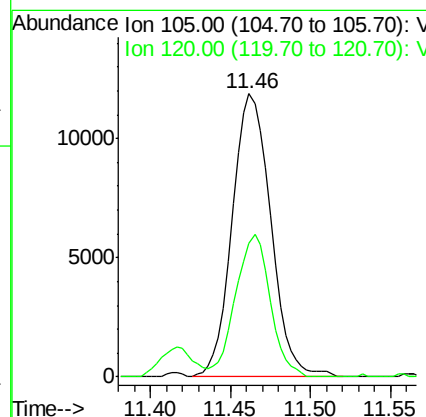
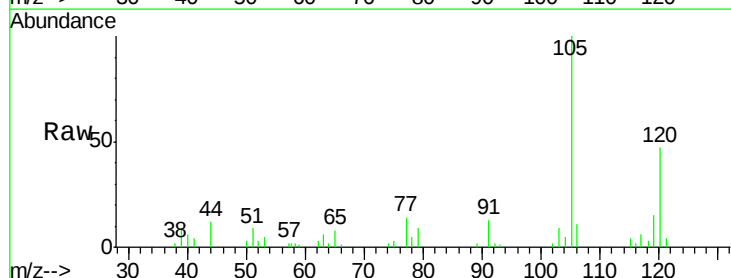
RT: 11.46 min Scan# 3148

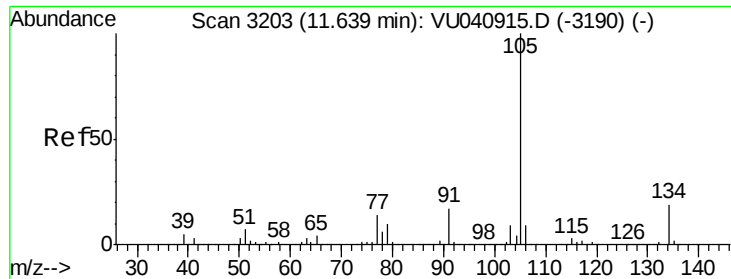
Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Tgt Ion:	105	Resp:	19486
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.6	67.8





#79

sec-Butylbenzene

Concen: 0.356 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

Instrument:

MSVOA_U

ClientSampleId:

VSTDIC0.5

Tot Ion: 105 Resp: 27171

Ion Ratio Lower Upper

105 100

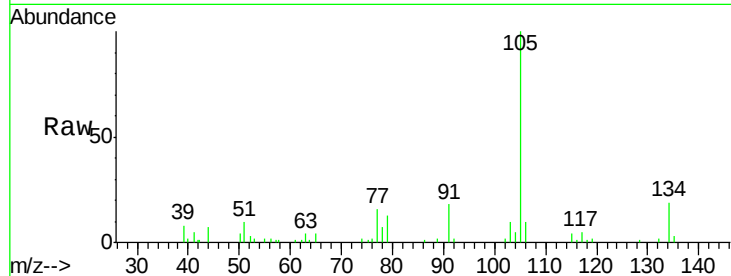
134 19.5 15.4 23.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

20000

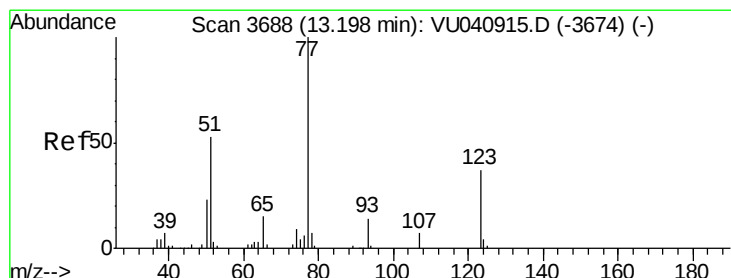
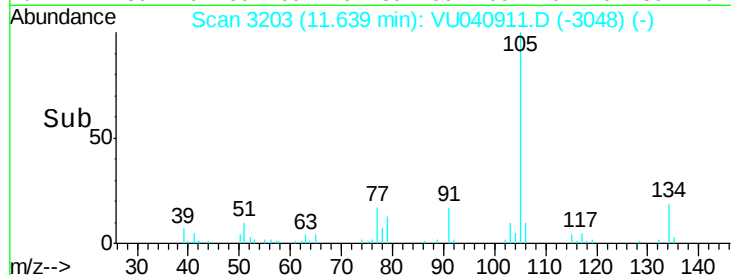
15000

10000

5000

0

Time-->



#80

Nitrobenzene

Concen: 2.846 ug/l

RT: 13.20 min Scan# 3690

Delta R.T. 0.01 min

Lab File: VU040911.D

Acq: 22 Oct 2020 18:34

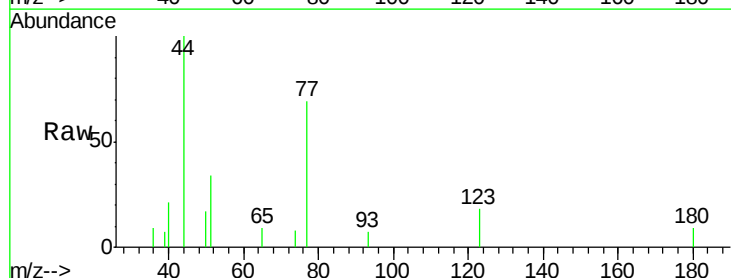
Tgt Ion: 77 Resp: 1971

Ion Ratio Lower Upper

77 100

123 17.1 16.8 59.4

65 8.5 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

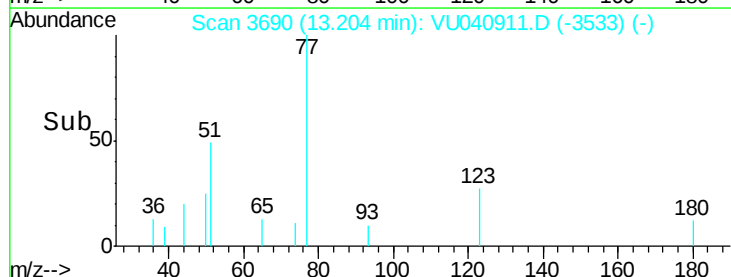
1500

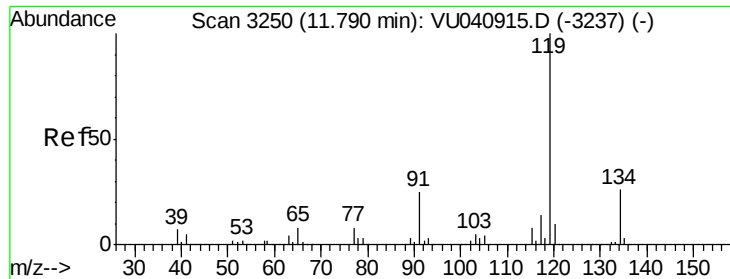
1000

500

0

Time-->





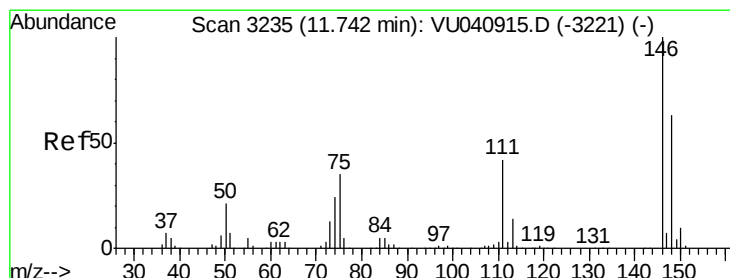
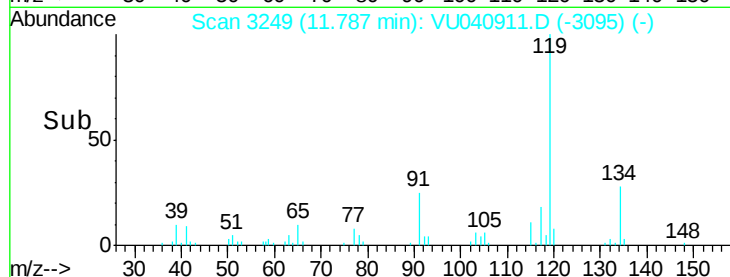
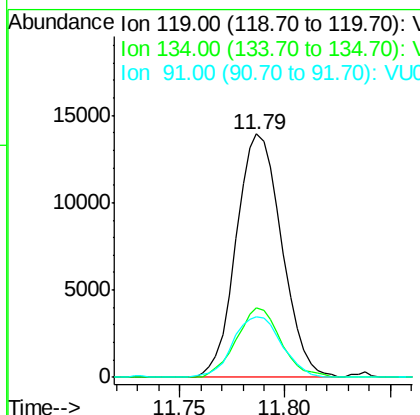
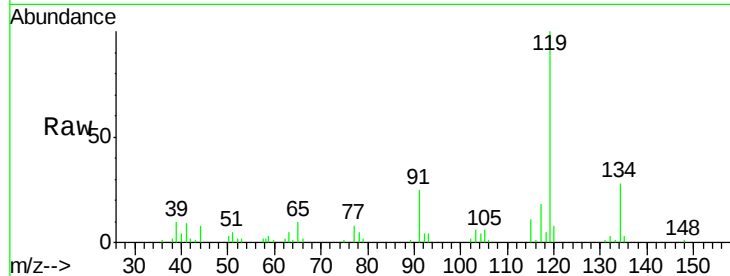
#81
 p-Isopropyltoluene
 Concen: 0.341 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.7	20.4	30.6
91	26.7	20.4	30.6

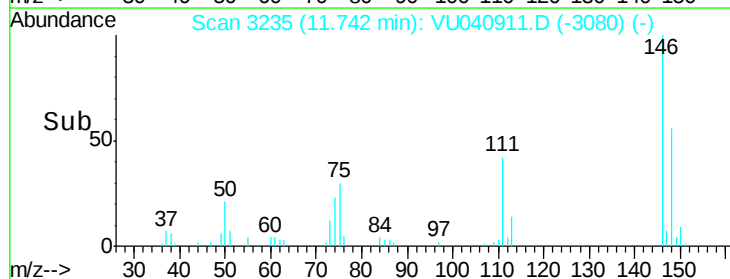
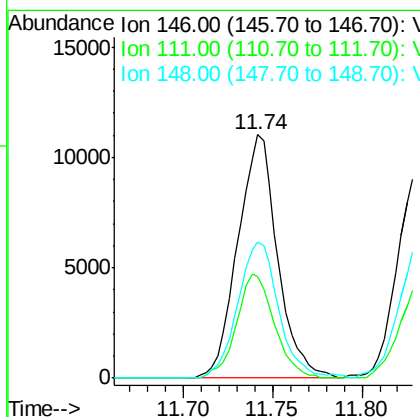
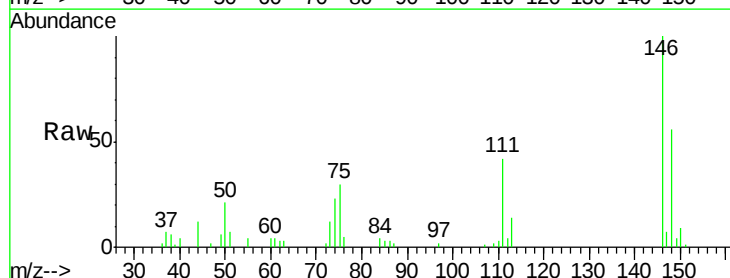
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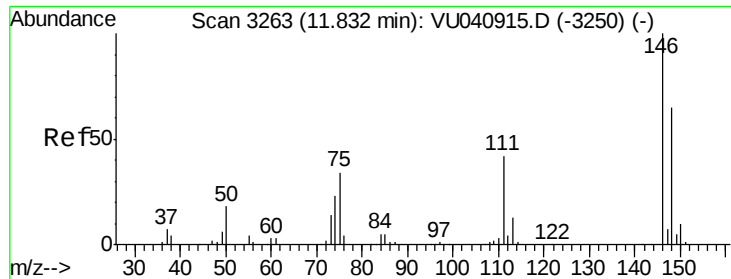
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 10/26/2020 4:14:28 PM



#82
 1,3-Dichlorobenzene
 Concen: 0.512 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	33.6	50.4
148	57.8	50.1	75.1





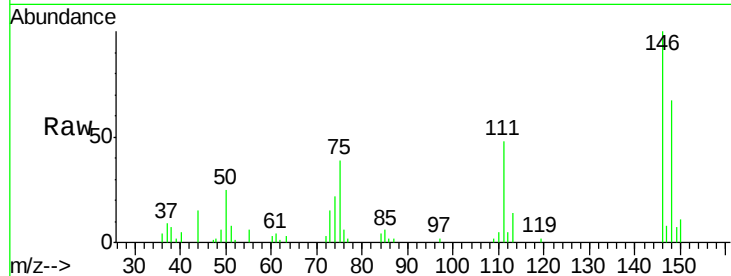
#83
 1,4-Dichlorobenzene
 Concen: 0.484 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

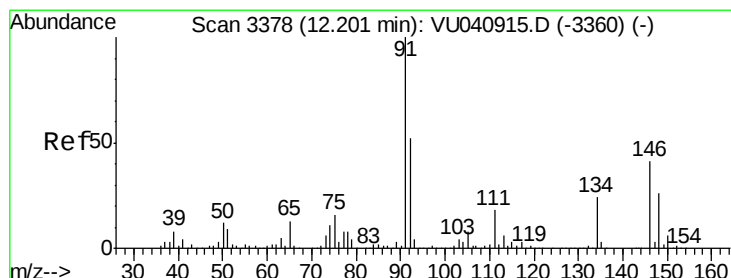
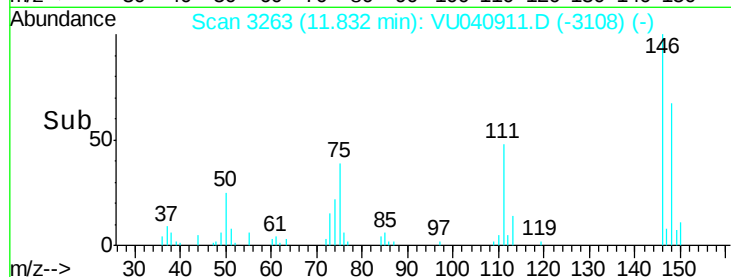
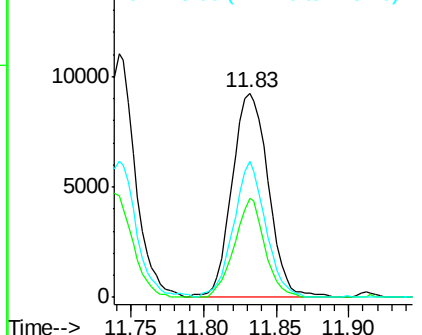
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	33.7	50.5
148	58.7	50.6	75.8

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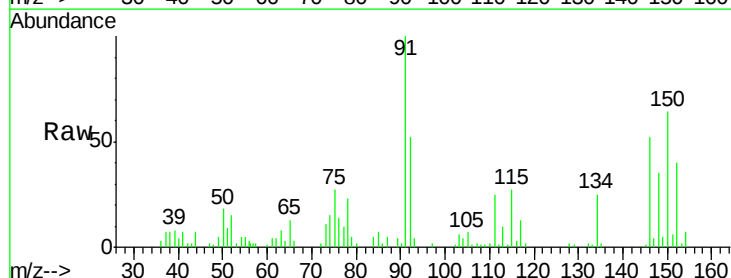


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

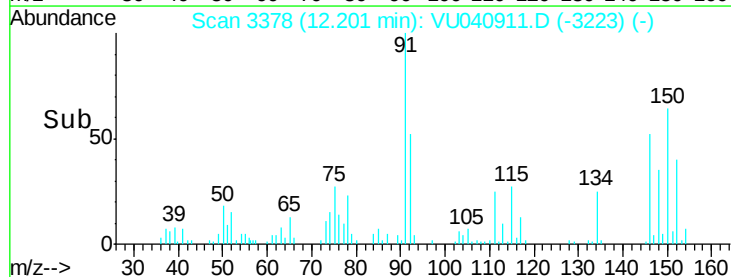
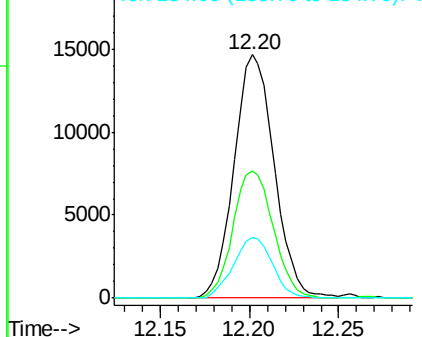


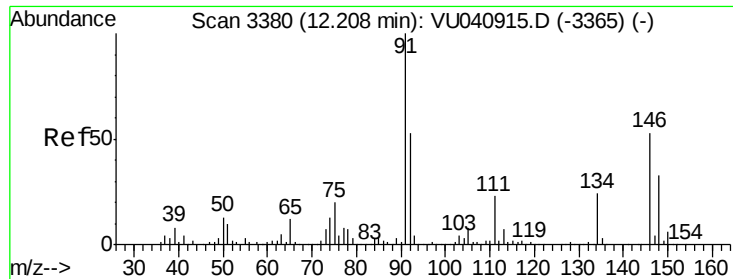
#84
 n-Butylbenzene
 Concen: 0.368 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	41.7	62.5
134	24.1	18.6	28.0



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





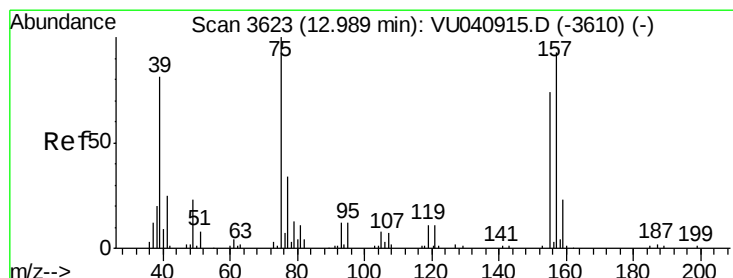
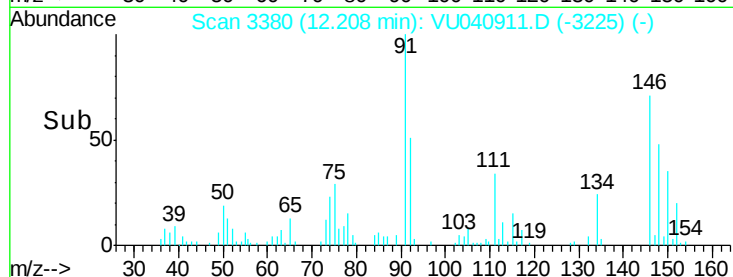
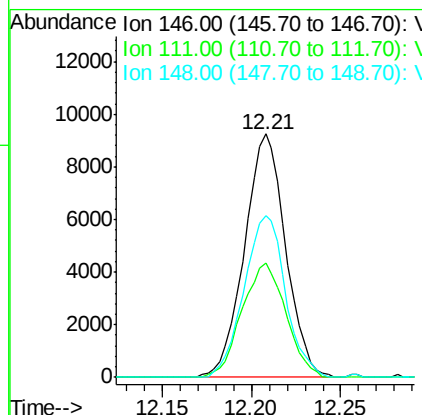
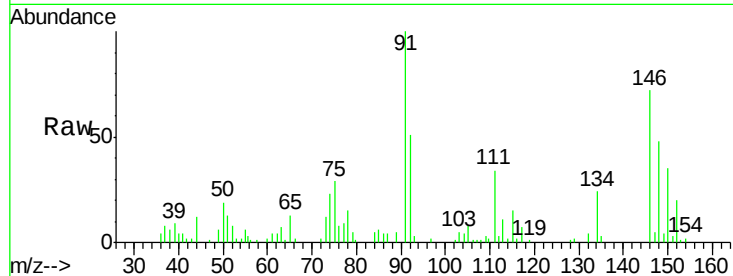
#85
 1,2-Dichlorobenzene
 Concen: 0.460 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
146	100		
111	50.3	22.3	66.9
148	67.0	31.5	94.5

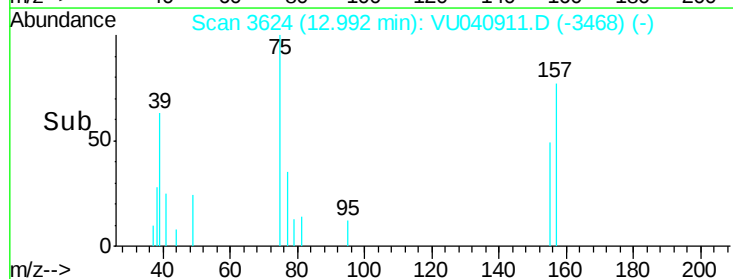
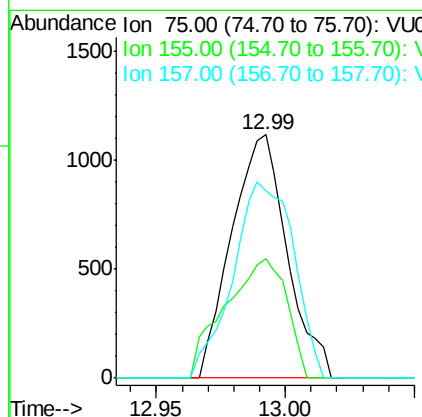
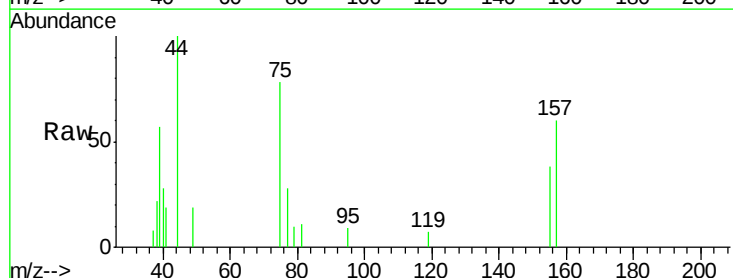
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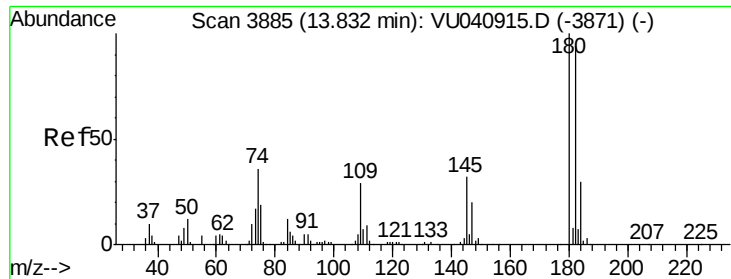
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.546 ug/l
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	54.4	57.1	85.7#
157	88.2	72.4	108.6





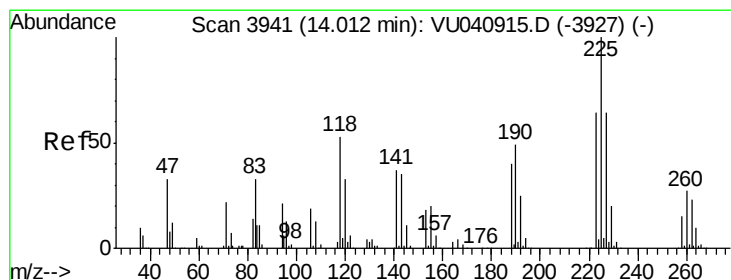
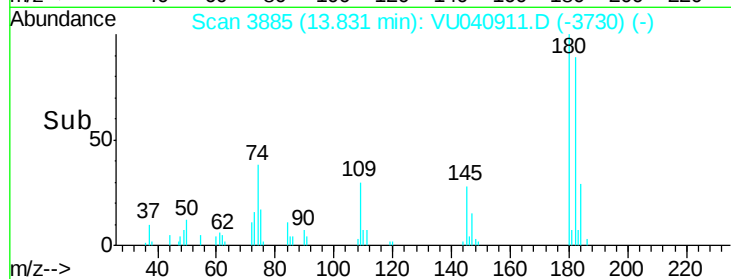
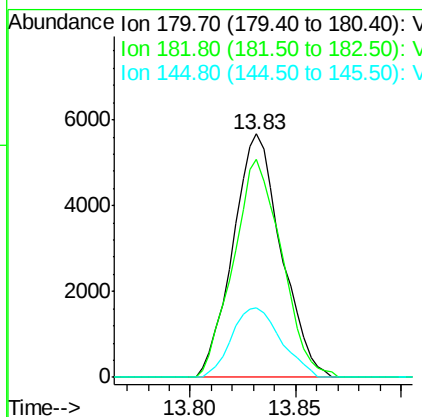
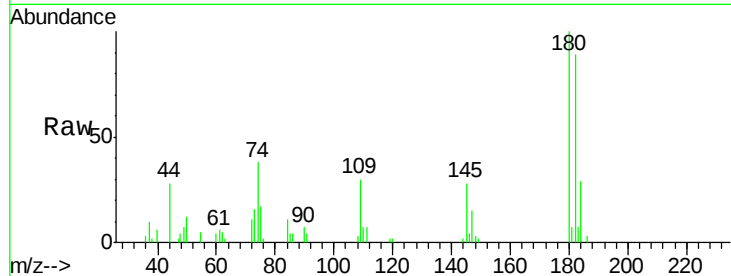
#87
 1,2,4-Trichlorobenzene
 Concen: 0.482 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
180	100		
182	89.9	75.4	113.2
145	29.2	25.4	38.0

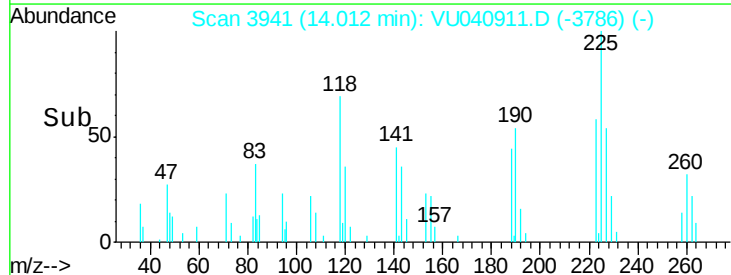
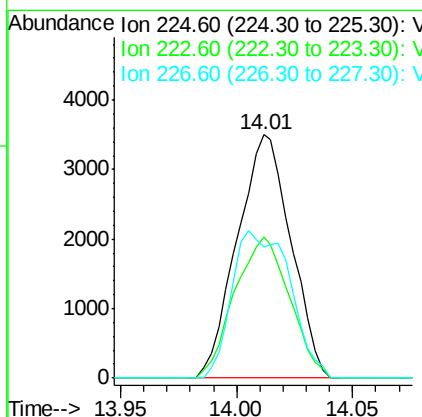
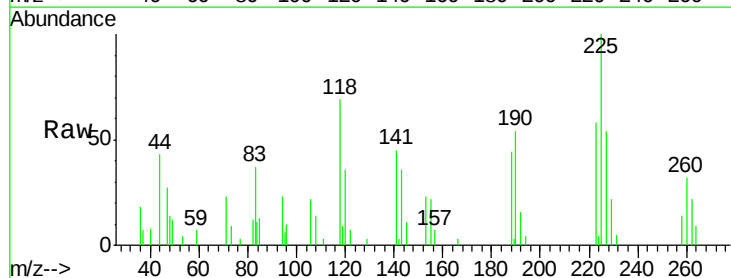
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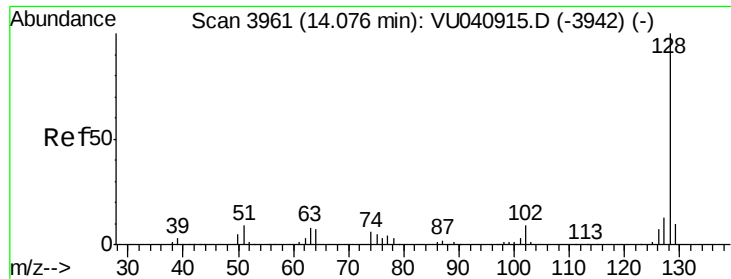
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#88
 Hexachlorobutadiene
 Concen: 0.578 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040911.D
 Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	59.4	49.9	74.9
227	65.3	51.1	76.7





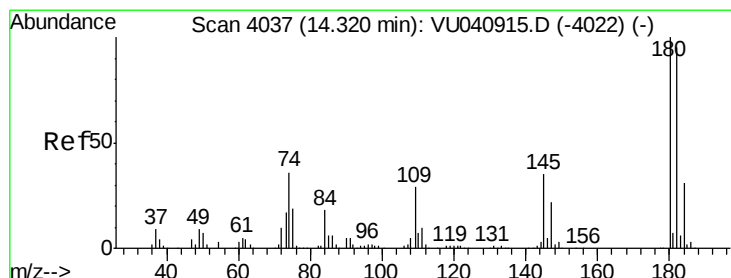
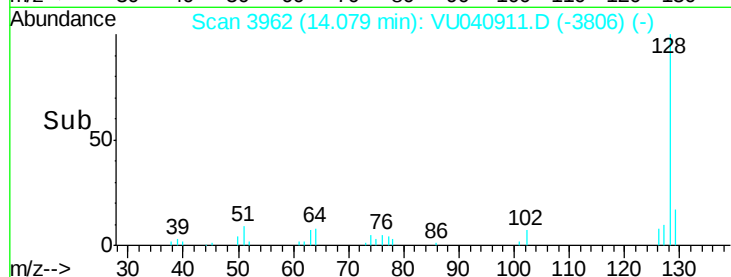
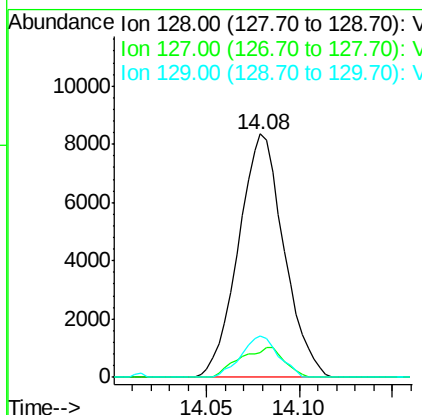
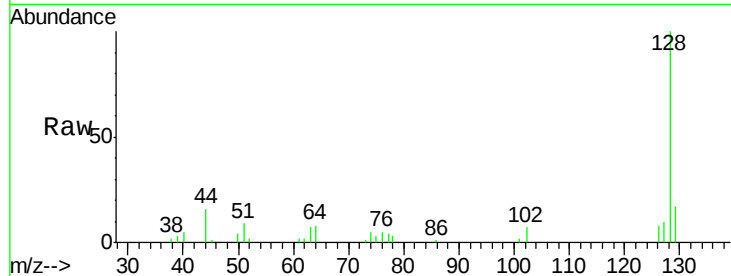
#89
Naphthalene
Concen: 0.391 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC0.5

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.1	10.7	16.1
129	13.9	8.6	13.0

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 0.427 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU040911.D
Acq: 22 Oct 2020 18:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.6	76.0	114.0
145	35.7	28.0	42.0

