

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040912.D
 Acq On : 22 Oct 2020 19:03
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 4:14:44 PM

Quant Time: Oct 23 06:51:38 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	55132	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.64	95	18598	0.84	ug/l	0.00
Spiked Amount 1.000			Recovery	=	84.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	19953	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	26262	1.542	ug/l	100
3) Chloromethane	1.53	50	27317	1.512	ug/l	100
4) Vinyl Chloride	1.61	62	24634	1.392	ug/l	94
5) Bromomethane	1.87	94	15938	1.273	ug/l	91
6) Chloroethane	1.94	64	14400	1.257	ug/l	100
7) Trichlorofluoromethane	2.15	101	31287	1.228	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	17210	1.178	ug/l	97
9) 1,1-Dichloroethene	2.59	96	15173	1.217	ug/l	98
10) Iodomethane	2.74	142	10397	1.011	ug/l	95
11) Allyl Chloride	2.94	41	31137	1.254	ug/l	99
12) Acrylonitrile	3.34	53	10991	2.525	ug/l #	87
13) Acetone	2.66	43	22804	5.888	ug/l	100
14) Carbon Disulfide	2.81	76	56960	1.539	ug/l	97
15) Methylene Chloride	3.06	84	21540	1.151	ug/l	93
16) trans-1,2-Dichloroethene	3.37	96	17263	1.272	ug/l	99
17) 1,1-Dichloroethane	3.89	63	35648	1.212	ug/l	98
18) 2-Butanone	4.74	43	34972	5.772	ug/l	100
19) Cyclohexane	5.39	56	32134m	1.277	ug/l	
20) Methylcyclohexane	6.77	83	21034	0.934	ug/l	93
21) 2,2-Dichloropropane	4.68	77	31081	1.139	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	17972	1.161	ug/l	95
23) Diethyl Ether	2.39	59	14811	1.241	ug/l	98
24) tert-Butyl Alcohol	3.24	59	18110m	11.519	ug/l	
25) Methyl tert-Butyl Ether	3.39	73	45749	1.118	ug/l	99
26) Bromochloromethane	4.99	128	8066	1.191	ug/l	94
27) Chloroform	5.11	83	33333	1.131	ug/l	97
28) 1,1,1-Trichloroethane	5.33	97	28906	1.134	ug/l	95
29) 1,1-Dichloropropene	5.54	75	24306	1.110	ug/l	99
30) Carbon Tetrachloride	5.54	117	26044	1.130	ug/l	95
31) Isopropyl Ether	4.02	45	53794	1.087	ug/l	98
32) Ethyl-t-butyl ether	4.53	59	47934	1.076	ug/l	100
33) Tert-Amyl methyl ether	5.96	73	31571	0.820	ug/l	97
34) Propionitrile	4.82	54	9318	6.036	ug/l #	74
35) Benzene	5.79	78	68231	1.126	ug/l	96
36) 1,2-Dichloroethane	5.81	62	26412	1.136	ug/l	98
37) Trichloroethene	6.55	130	16090	1.060	ug/l	85
38) 1,2-Dichloropropane	6.81	63	18804	1.074	ug/l #	88
39) Methacrylonitrile	5.00	41	9685	1.183	ug/l	93
40) Methyl acrylate	4.88	55	12796	1.209	ug/l #	95
41) Tetrahydrofuran	5.10	42	9507	2.394	ug/l	98
42) 1-Chlorobutane	5.47	56	38003	1.171	ug/l	95

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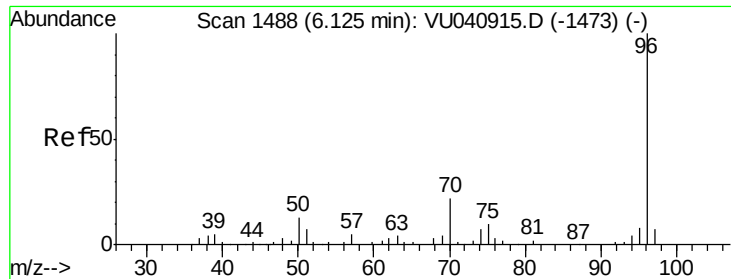
Manual Integrations
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Quant Time: Oct 23 06:51:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	11038	1.100	ug/l	96
44) Bromodichloromethane	7.12	83	25077	1.043	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	61989	4.497	ug/l	96
46) t-1,4-Dichloro-2-butene	10.83	75	10715m	2.055	ug/l	
47) Methyl methacrylate	6.98	69	15451	1.778	ug/l	98
48) Ethyl methacrylate	8.34	69	13696	0.882	ug/l	96
49) Toluene	7.98	92	33420	0.914	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	20019	0.930	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	22569	0.944	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	13923	1.081	ug/l	93
53) 1,3-Dichloropropane	8.58	76	25127	1.086	ug/l	99
54) 2-Hexanone	8.70	43	42347	4.269	ug/l	95
55) Dibromochloromethane	8.82	129	16465	1.099	ug/l	98
56) 1,2-Dibromoethane	8.93	107	11794	0.980	ug/l	96
58) Tetrachloroethene	8.56	164	14984	1.025	ug/l	92
59) Chlorobenzene	9.45	112	38217	0.960	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.54	131	14999	1.025	ug/l	98
61) Pentachloroethane	11.42	117	12827	1.241	ug/l	95
62) Hexachloroethane	12.47	117	12310	0.972	ug/l	96
63) Ethyl Benzene	9.57	91	54197	0.797	ug/l	97
64) m/p-Xylenes	9.69	106	40498	1.583	ug/l	98
65) o-Xylene	10.10	106	19050	0.778	ug/l	98
66) Styrene	10.11	104	32153	0.746	ug/l	98
67) Bromoform	10.29	173	8321	1.067	ug/l	94
69) Isopropylbenzene	10.48	105	52253	0.781	ug/l	96
70) 1,1,2,2-Tetrachloroethane	10.78	83	19036	1.102	ug/l	95
71) 1,2,3-Trichloropropane	10.83	75	11760m	0.886	ug/l	
72) Bromobenzene	10.78	156	14719	0.928	ug/l	93
73) n-propylbenzene	10.90	120	14049	0.755	ug/l	93
74) 2-Chlorotoluene	10.99	126	14432	0.889	ug/l	90
75) 1,3,5-Trimethylbenzene	11.09	105	42756	0.728	ug/l	99
76) 4-Chlorotoluene	11.10	126	13986	0.801	ug/l	92
77) tert-Butylbenzene	11.42	119	44975	0.822	ug/l	94
78) 1,2,4-Trimethylbenzene	11.47	105	42687	0.692	ug/l	97
79) sec-Butylbenzene	11.64	105	58791	0.746	ug/l	98
80) Nitrobenzene	13.21	77	3876	5.417	ug/l	98
81) p-Isopropyltoluene	11.79	119	47851	0.757	ug/l	97
82) 1,3-Dichlorobenzene	11.74	146	32886	0.948	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	32377	0.941	ug/l	97
84) n-Butylbenzene	12.20	91	49123	0.762	ug/l	96
85) 1,2-Dichlorobenzene	12.20	146	32069	0.962	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	3636	1.148	ug/l #	82
87) 1,2,4-Trichlorobenzene	13.83	180	17926	0.931	ug/l	94
88) Hexachlorobutadiene	14.01	225	9882	0.982	ug/l	90
89) Naphthalene	14.08	128	29039	0.773	ug/l	97
90) 1,2,3-Trichlorobenzene	14.32	180	17063	0.935	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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ClientSampleId :

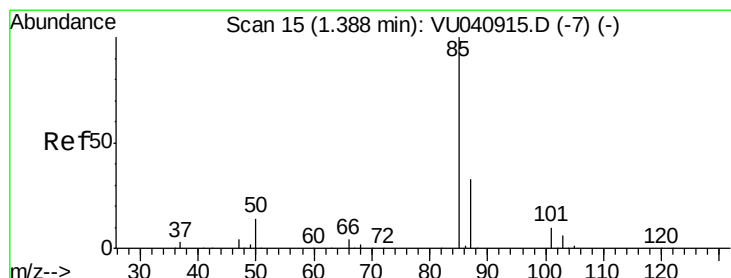
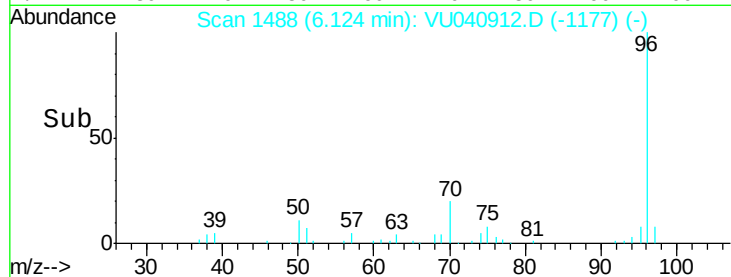
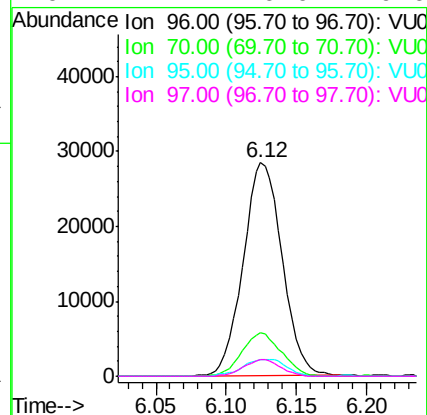
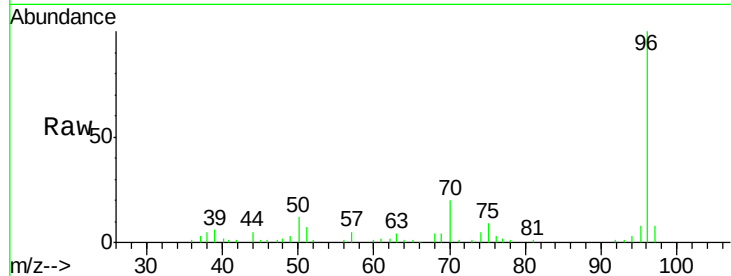
VSTDIC001

Tot Ion: 96 Resp: 55132

Ion	Ratio	Lower	Upper
96	100		
70	20.6	16.3	24.5
95	8.8	7.3	10.9
97	7.4	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.542 ug/l

RT: 1.39 min Scan# 16

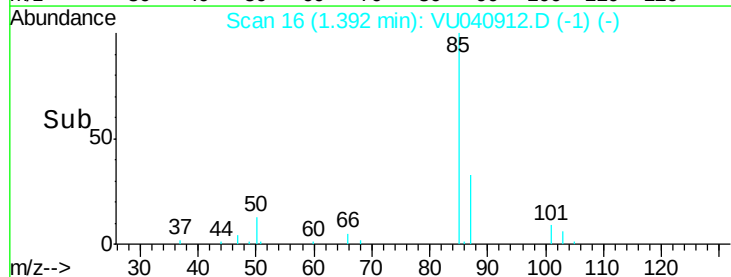
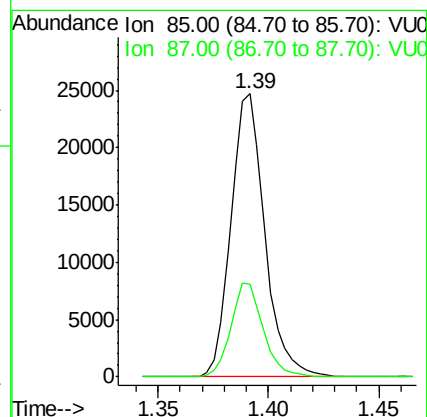
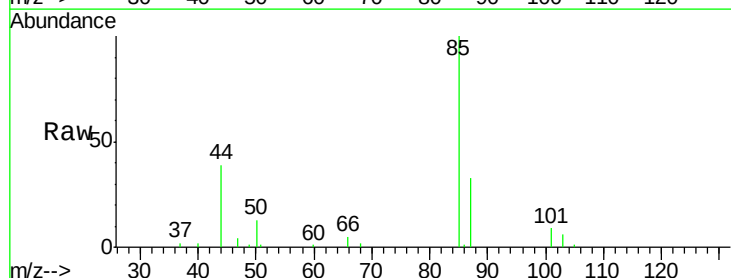
Delta R.T. 0.00 min

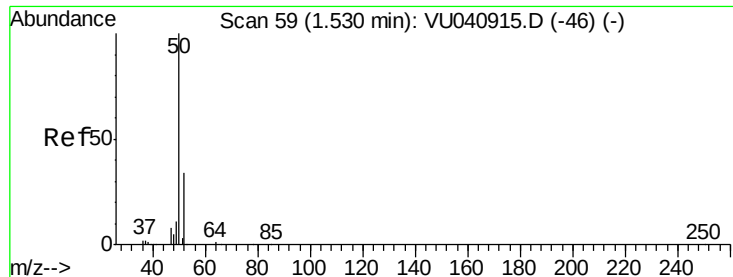
Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Tgt Ion: 85 Resp: 26262

Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.5	49.5





#3

Chloromethane

Concen: 1.512 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 27317

Ion Ratio Lower Upper

50 100

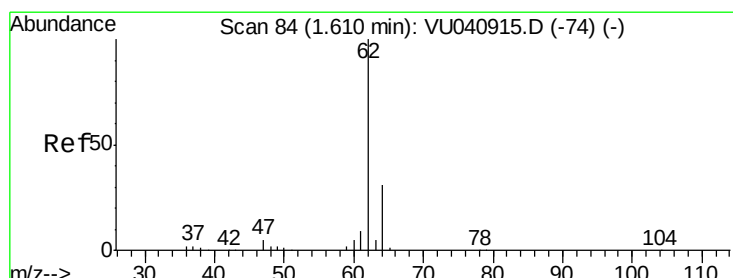
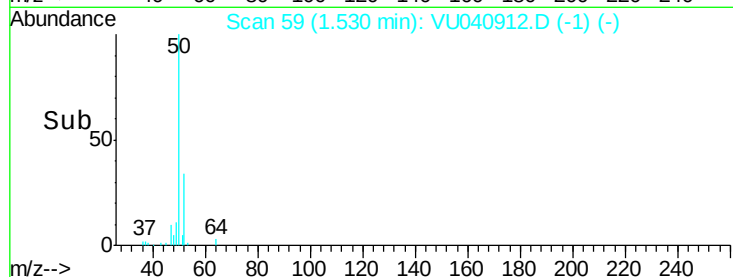
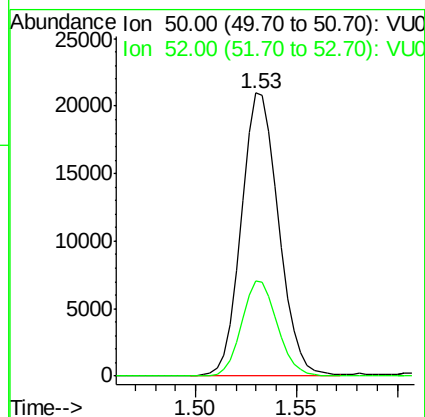
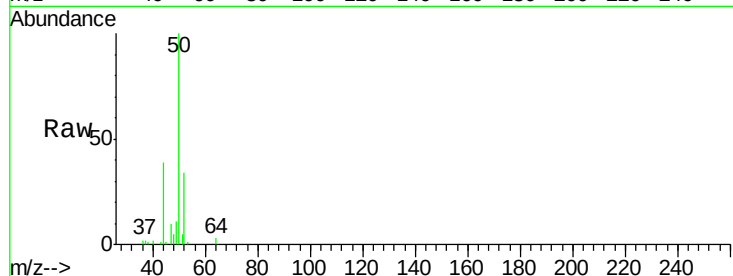
52 33.5 26.9 40.3

Manual Integrations

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10/26/2020 4:14:44 PM



#4

Vinyl Chloride

Concen: 1.392 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040912.D

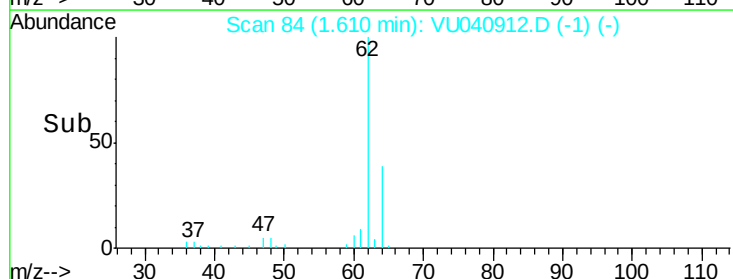
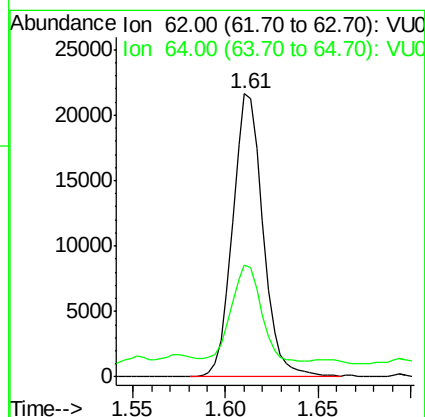
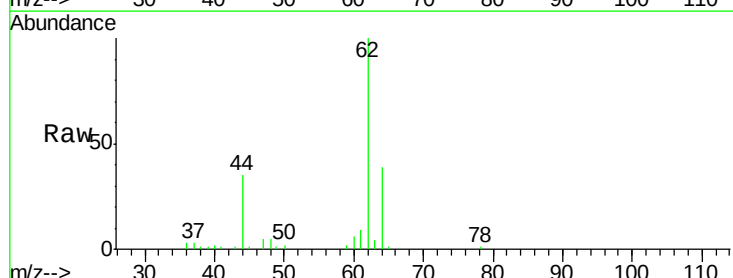
Acq: 22 Oct 2020 19:03

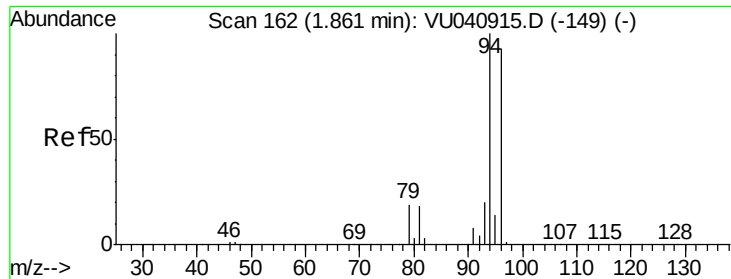
Tgt Ion: 62 Resp: 24634

Ion Ratio Lower Upper

62 100

64 33.9 24.7 37.1





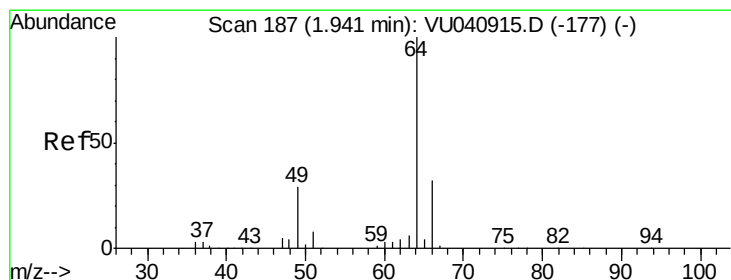
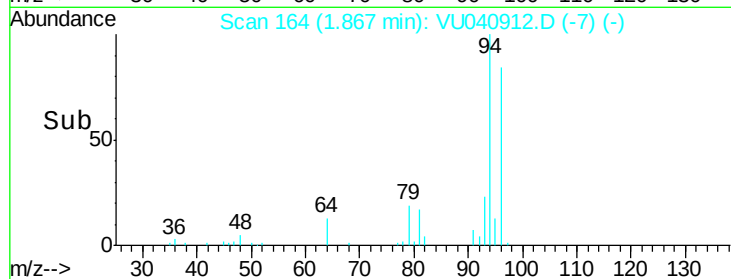
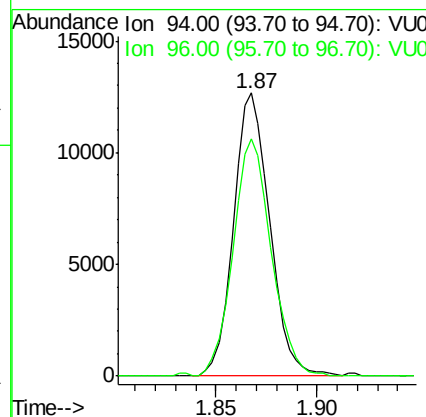
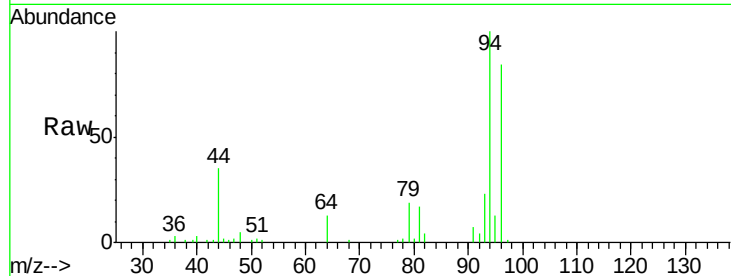
#5
Bromomethane
Concen: 1.273 ug/l
RT: 1.87 min Scan# 164
Delta R.T. 0.01 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 94 Resp: 15938
Ion Ratio Lower Upper
94 100
96 84.0 74.4 111.6

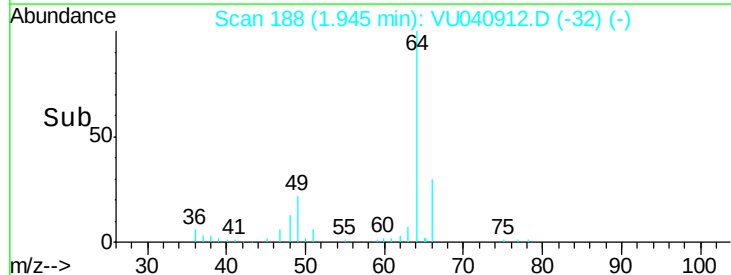
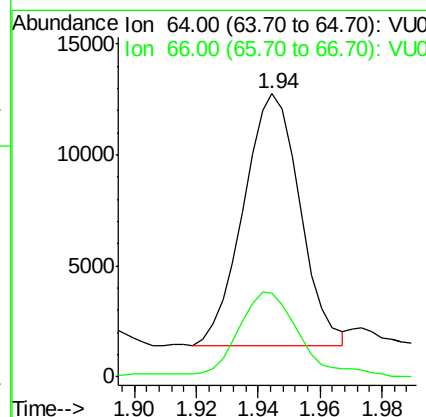
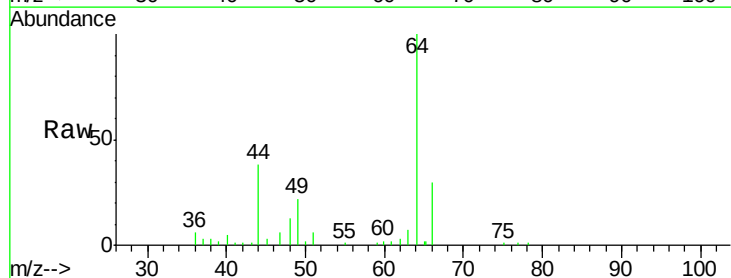
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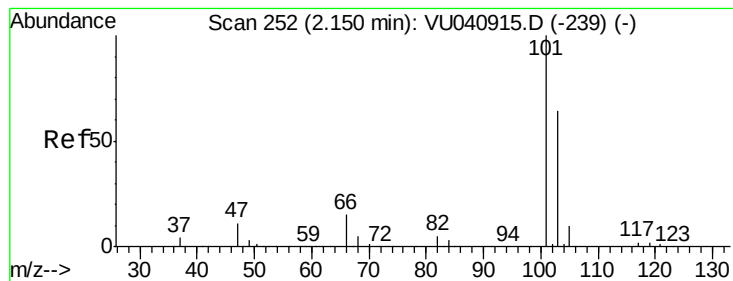
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#6
Chloroethane
Concen: 1.257 ug/l
RT: 1.94 min Scan# 188
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 64 Resp: 14400
Ion Ratio Lower Upper
64 100
66 32.0 25.4 38.2





#7

Trichlorofluoromethane

Concen: 1.228 ug/l

RT: 2.15 min Scan# 252

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:101 Resp: 31287

Ion Ratio Lower Upper

101 100

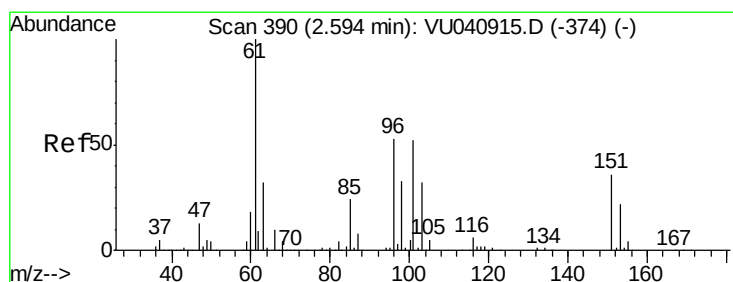
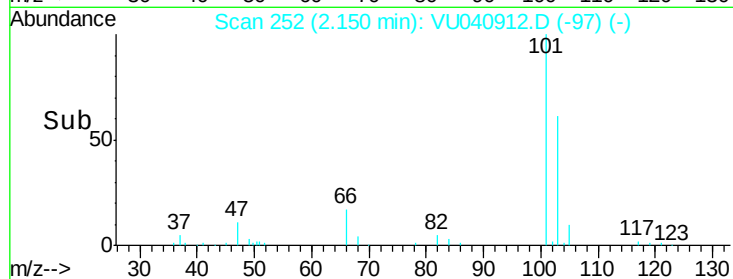
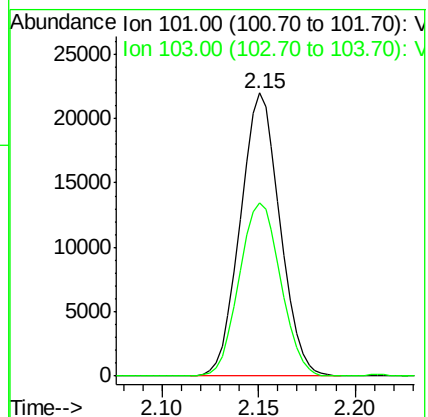
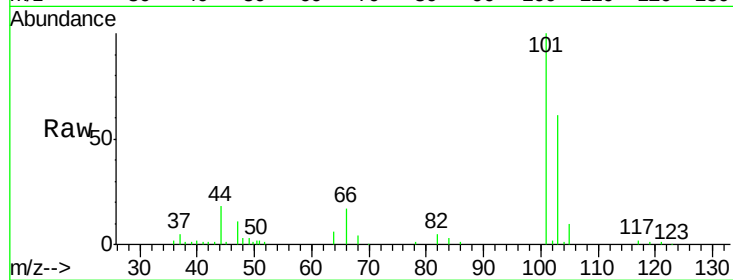
103 61.1 51.5 77.3

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#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.178 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

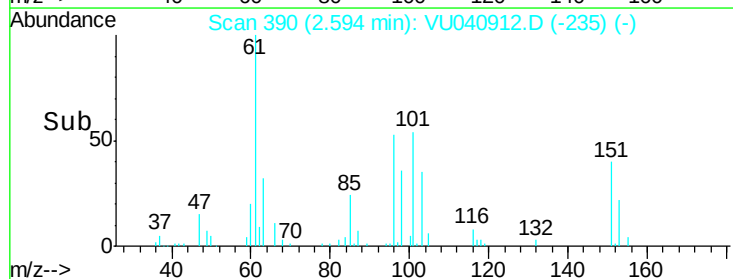
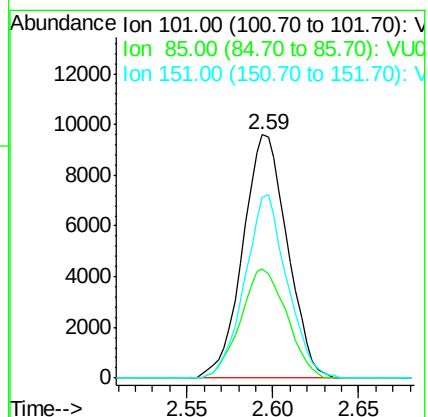
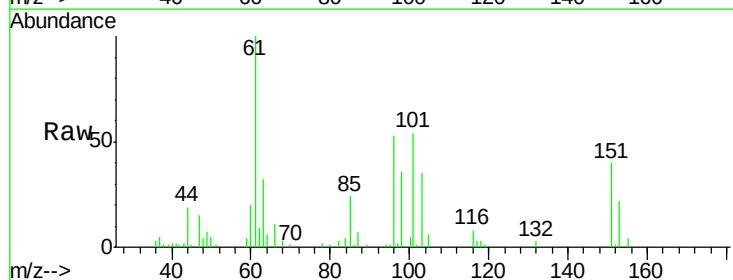
Tgt Ion:101 Resp: 17210

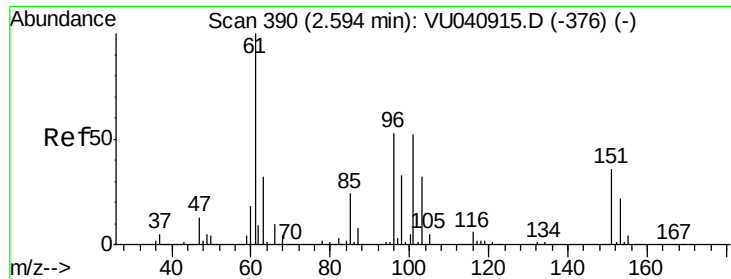
Ion Ratio Lower Upper

101 100

85 46.4 36.2 54.2

151 71.7 55.1 82.7





#9

1,1-Dichloroethene

Concen: 1.217 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

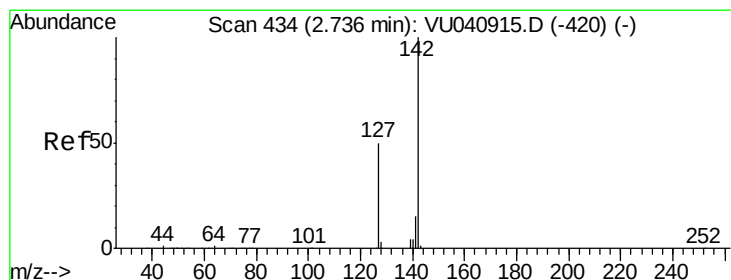
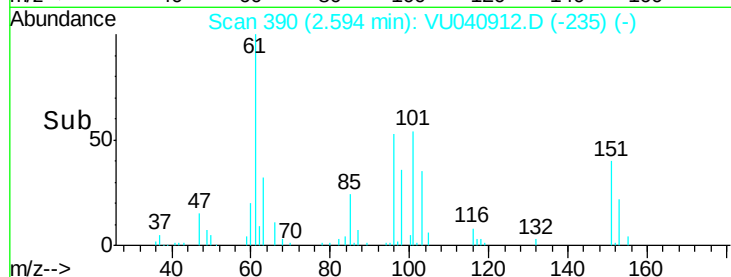
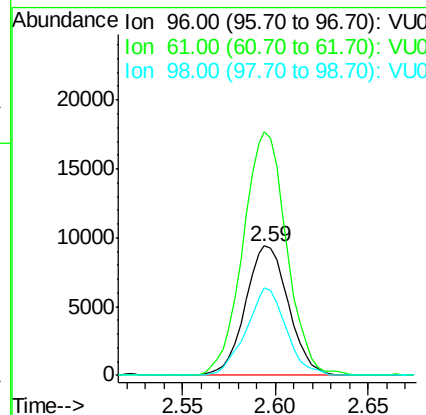
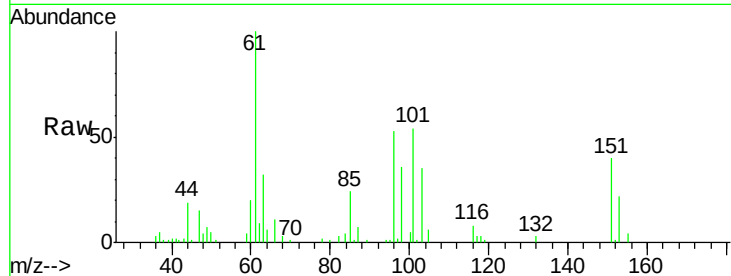
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	15173
Ion	Ratio	Lower	Upper
96	100		
61	188.3	0.0	561.9
98	67.8	0.0	125.0

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#10

Iodomethane

Concen: 1.011 ug/l

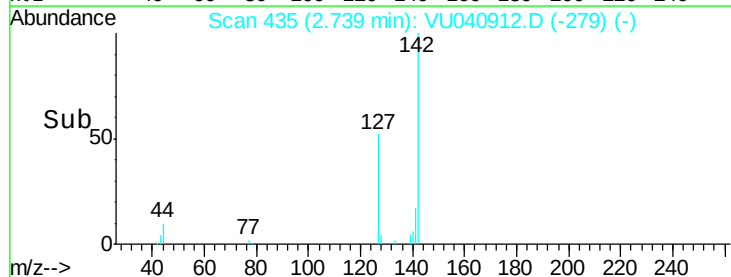
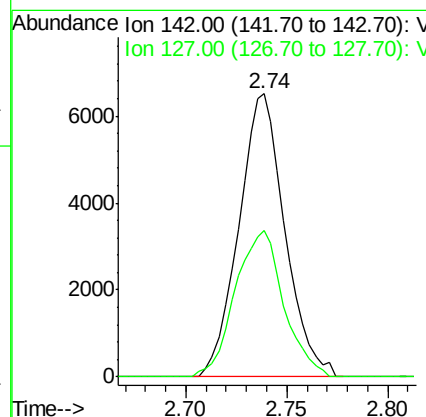
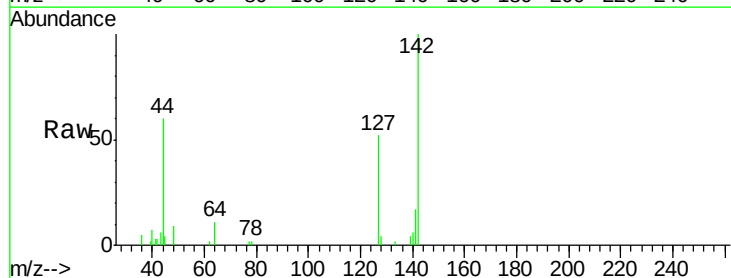
RT: 2.74 min Scan# 435

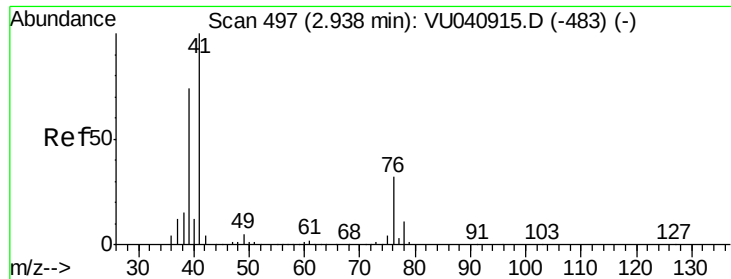
Delta R.T. 0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Tgt Ion:	142	Resp:	10397
Ion	Ratio	Lower	Upper
142	100		
127	54.5	40.6	60.8





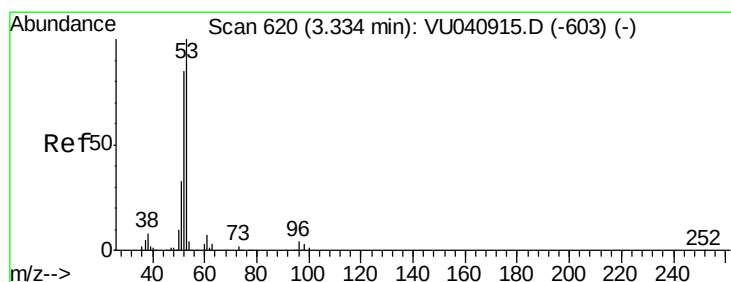
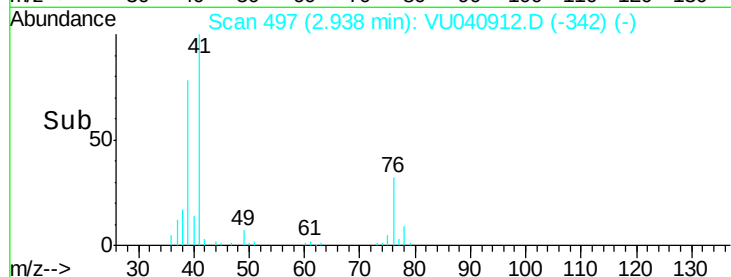
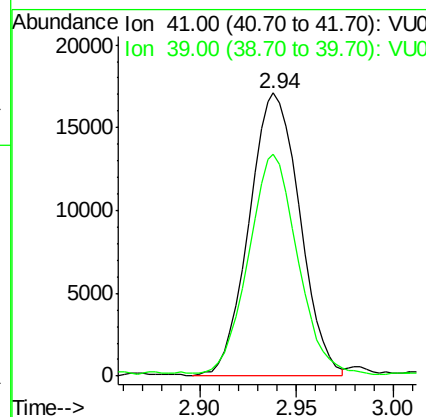
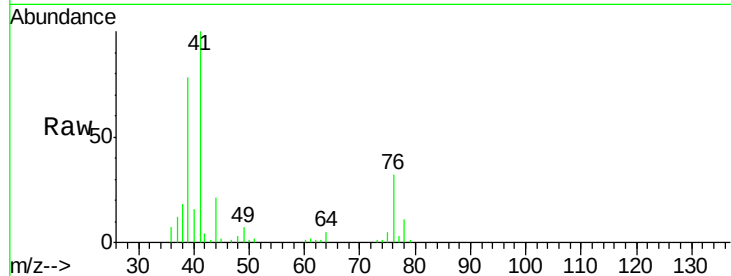
#11
Allvl Chloride
Concen: 1.254 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.9	59.0	88.4

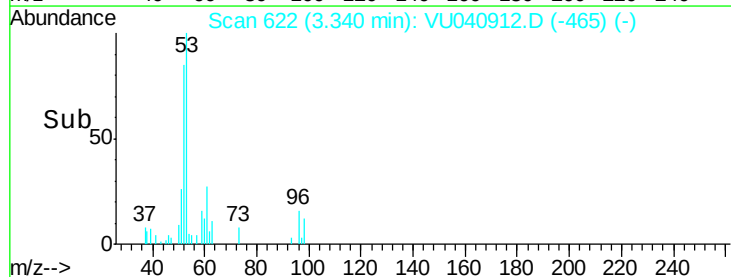
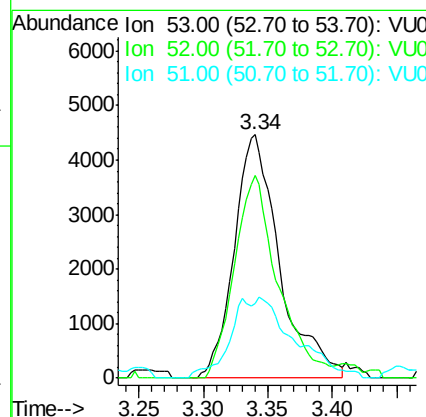
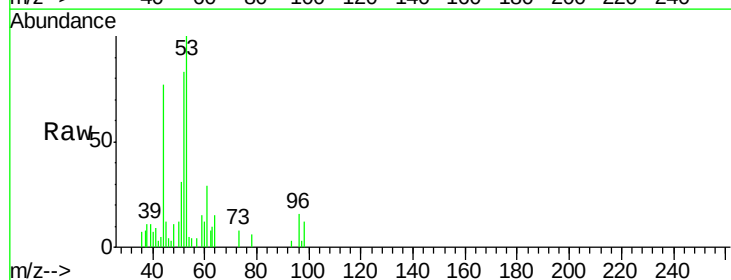
Manual Integrations
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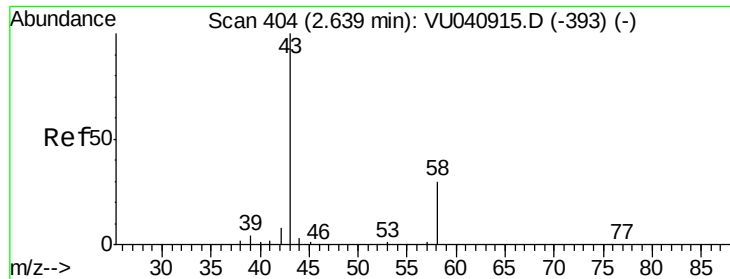
MMDadoda
10/26/2020 4:14:44 PM



#12
Acrylonitrile
Concen: 2.525 ug/l
RT: 3.34 min Scan# 622
Delta R.T. 0.01 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.8	63.1	94.7
51	16.3	30.6	46.0#





#13

Acetone

Concen: 5.888 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.02 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Tot Ion: 43 Resp: 22804

Ion Ratio Lower Upper

43 100

58 29.7 23.6 35.4

Instrument :

MSVOA_U

ClientSampleId :

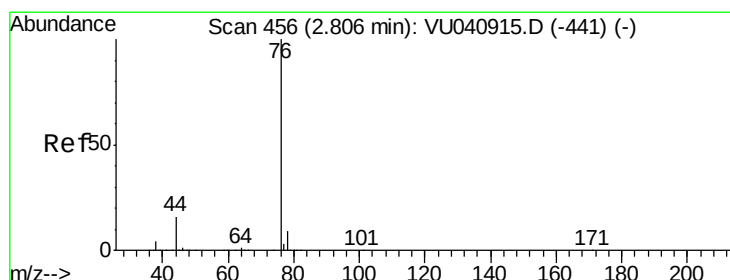
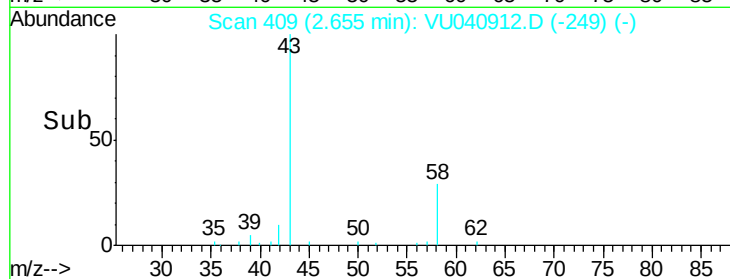
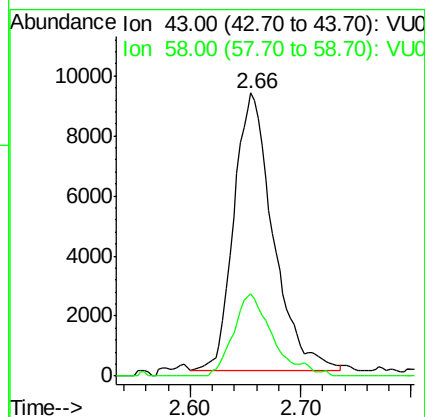
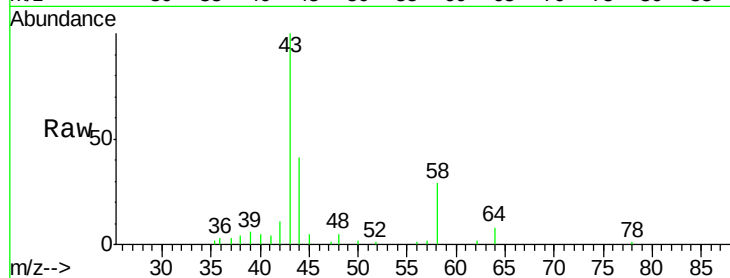
VSTDIC001

Manual Integrations

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#14

Carbon Disulfide

Concen: 1.539 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040912.D

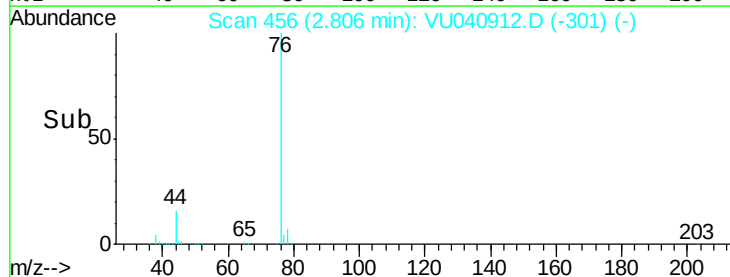
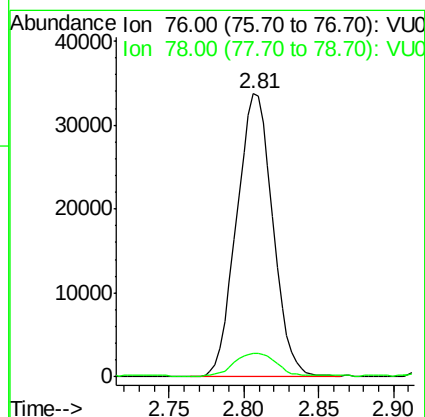
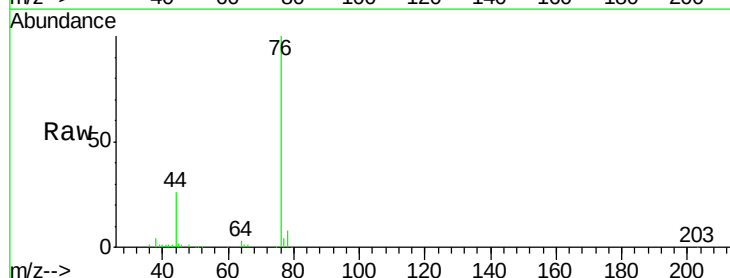
Acq: 22 Oct 2020 19:03

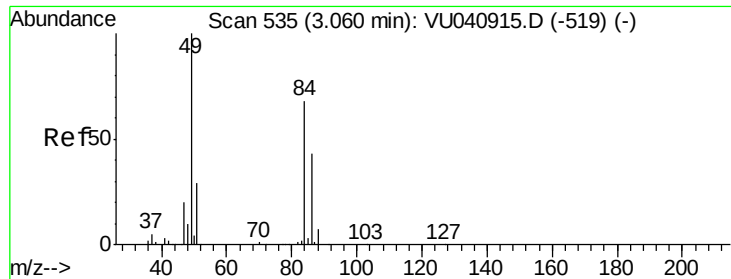
Tgt Ion: 76 Resp: 56960

Ion Ratio Lower Upper

76 100

78 7.8 7.1 10.7





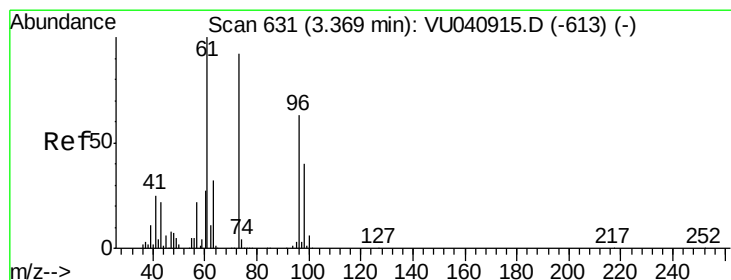
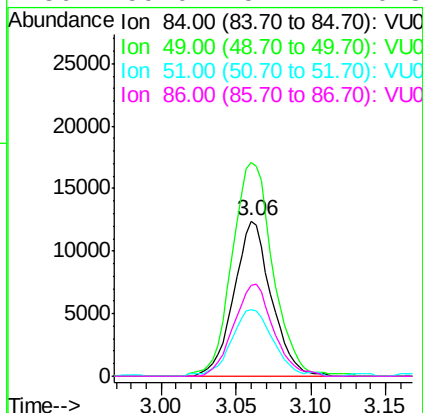
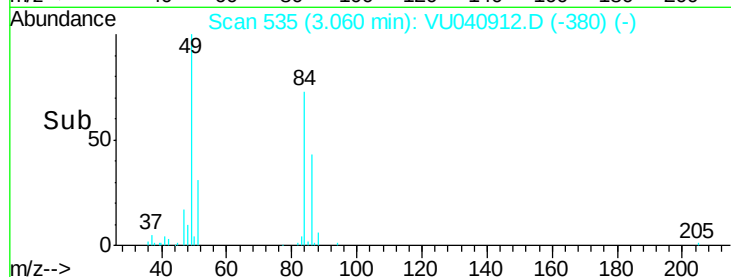
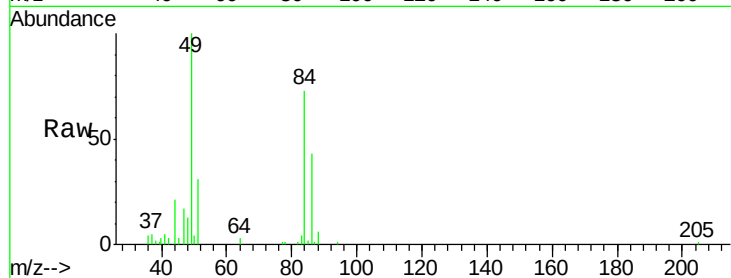
#15
Methvlene Chloride
Concen: 1.151 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:	84	Resp:	21540
Ion	Ratio	Lower	Upper
84	100		
49	136.4	118.2	177.4
51	43.0	0.0	86.8
86	59.0	51.2	76.8

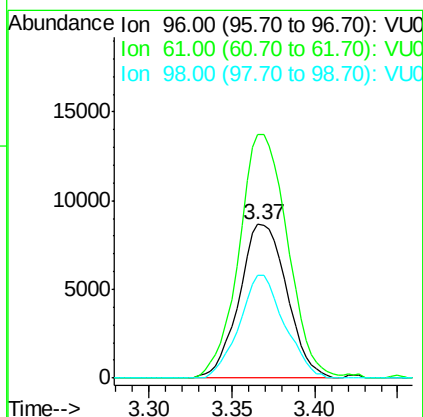
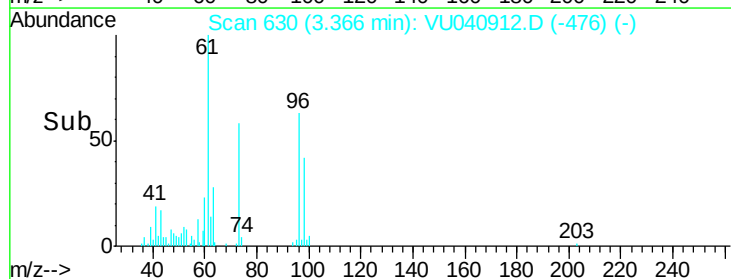
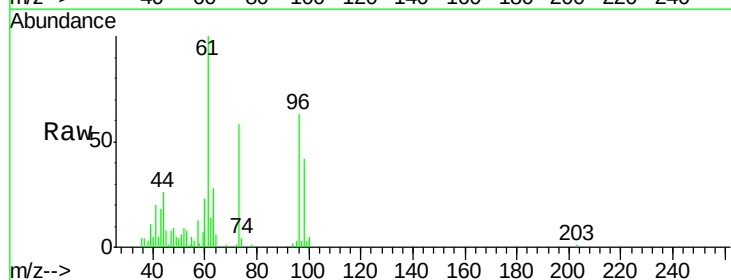
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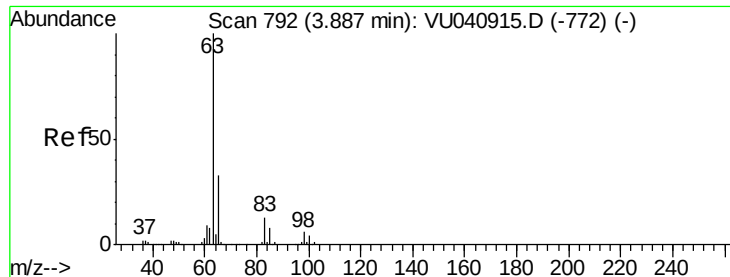
MMDadoda
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#16
trans-1,2-Dichloroethene
Concen: 1.272 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion:	96	Resp:	17263
Ion	Ratio	Lower	Upper
96	100		
61	158.7	127.0	190.4
98	67.1	51.2	76.8





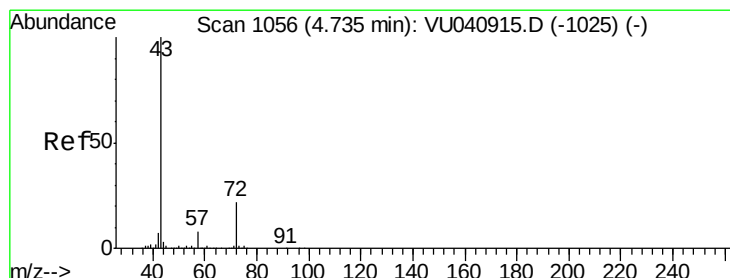
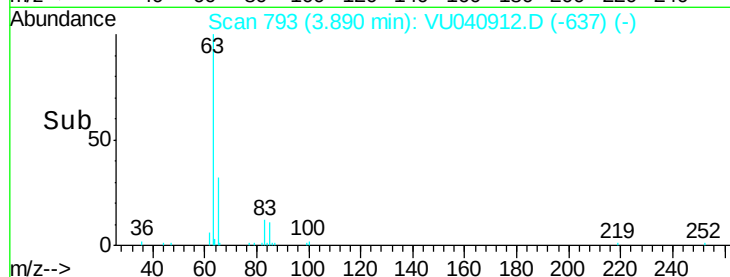
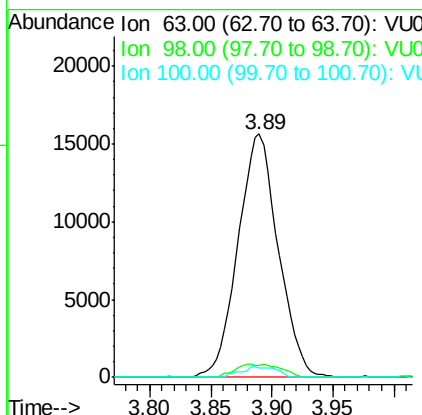
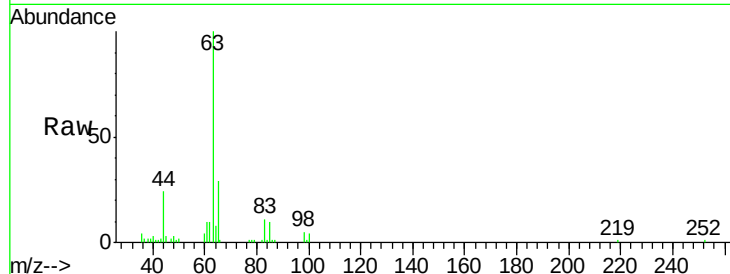
#17
 1,1-Dichloroethane
 Concen: 1.212 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
63	100		
98	5.1	3.0	9.2
100	3.7	1.8	5.5

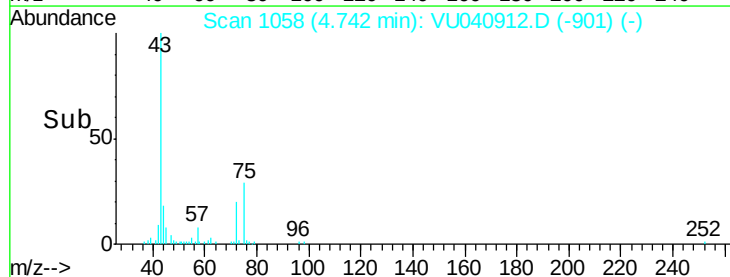
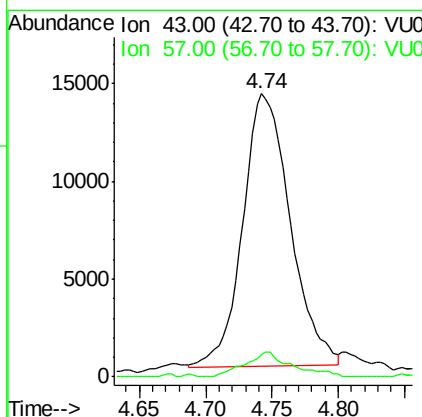
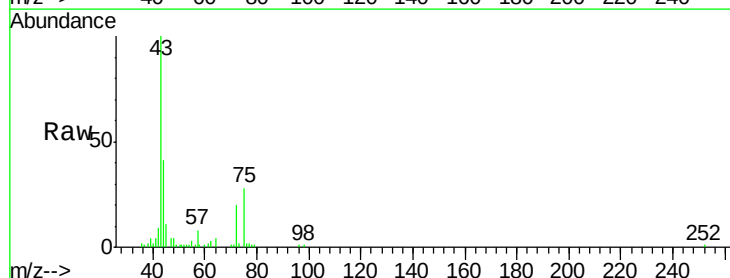
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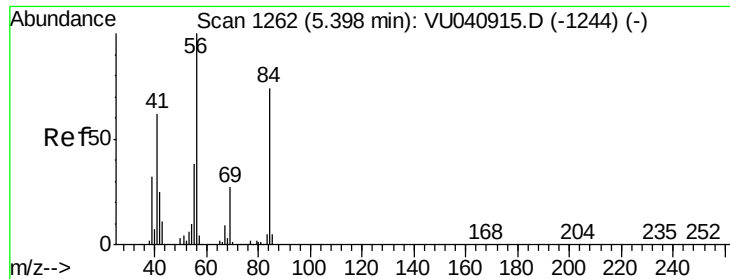
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#18
 2-Butanone
 Concen: 5.772 ug/l
 RT: 4.74 min Scan# 1058
 Delta R.T. 0.01 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.5	0.0	15.2





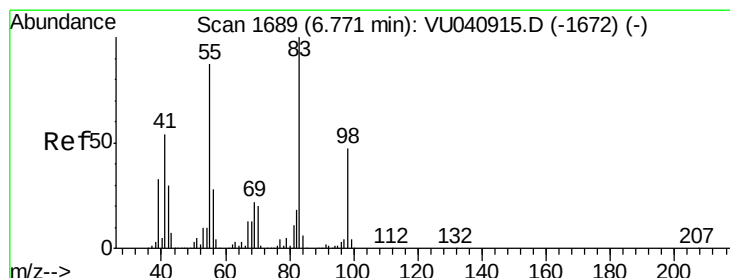
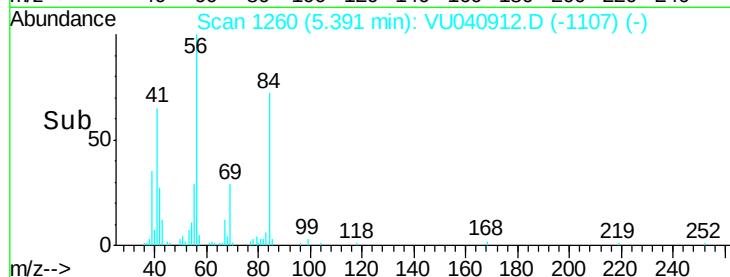
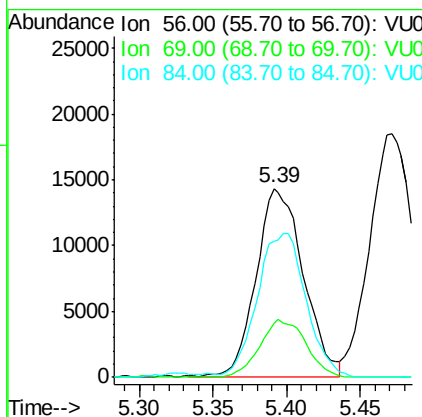
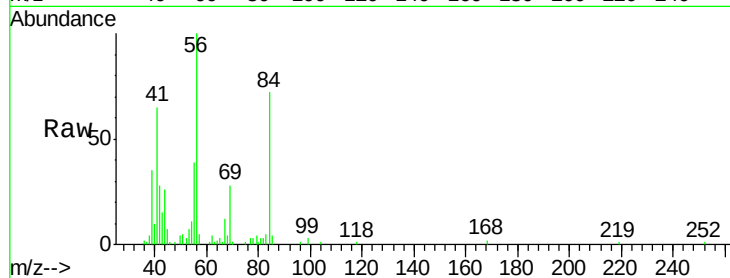
#19
Cyclohexane
Concen: 1.277 ug/l m
RT: 5.39 min Scan# 1260
Delta R.T. -0.01 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	22.2	33.2
84	76.5	60.1	90.1

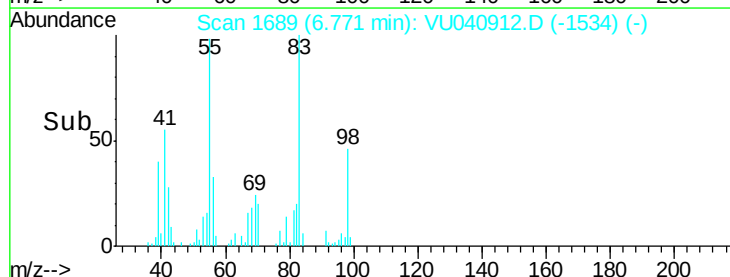
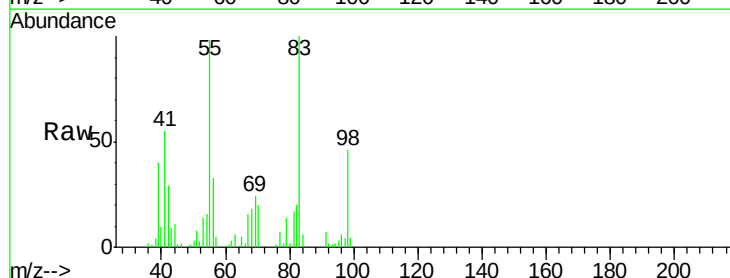
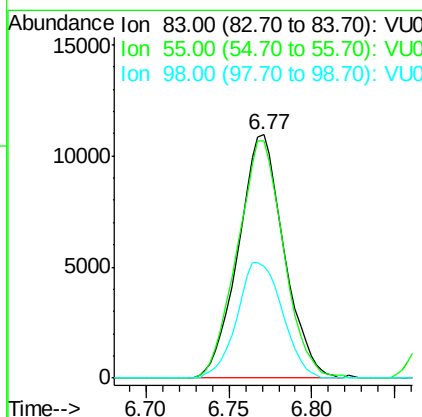
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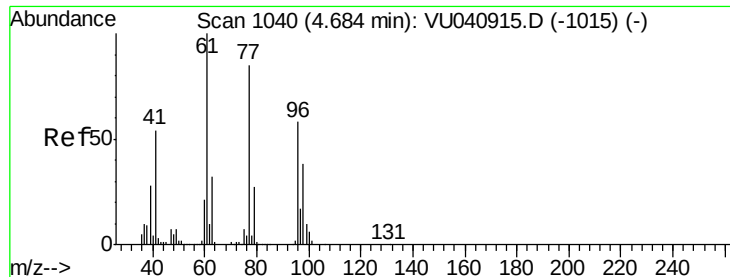
MMDadoda
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#20
Methylcyclohexane
Concen: 0.934 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
83	100		
55	98.7	71.0	106.4
98	47.2	38.1	57.1





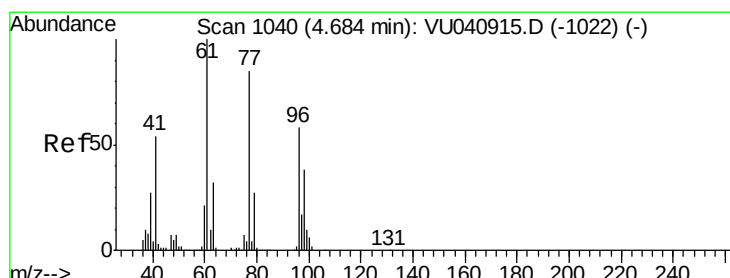
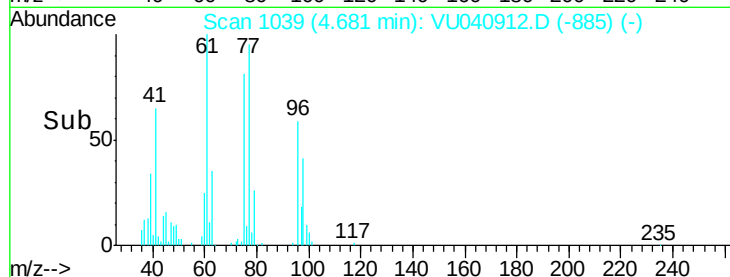
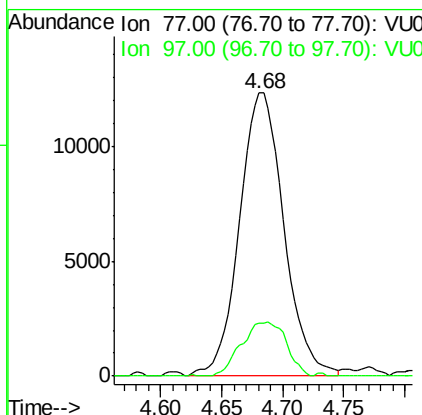
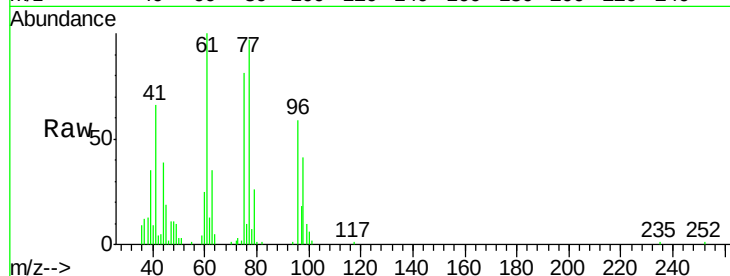
#21
 2,2-Dichloropropane
 Concen: 1.139 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
77	100		
97	19.3	16.0	24.0

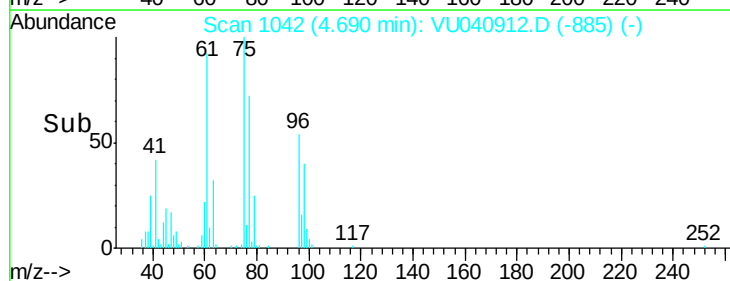
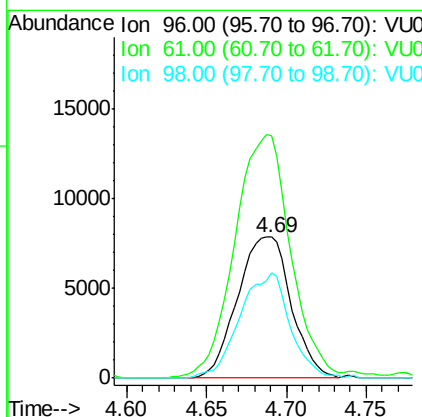
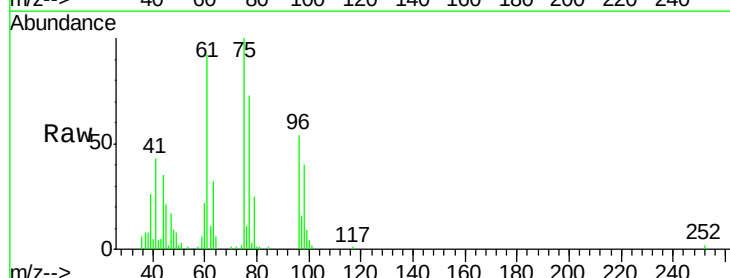
Manual Integrations
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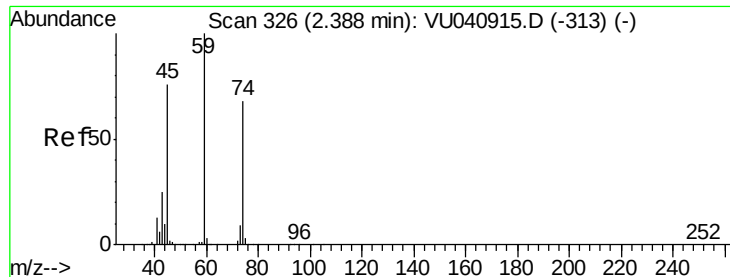
MMDadoda
 10/26/2020 4:14:44 PM



#22
 cis-1,2-Dichloroethene
 Concen: 1.161 ug/l
 RT: 4.69 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.2	0.0	434.5
98	70.0	32.6	97.8





#23

Diethyl Ether

Concen: 1.241 ug/l

RT: 2.39 min Scan# 327

Delta R.T. 0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

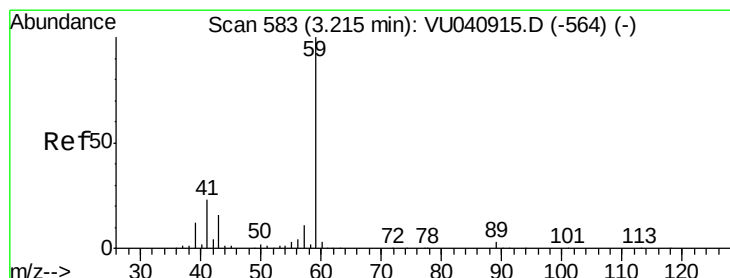
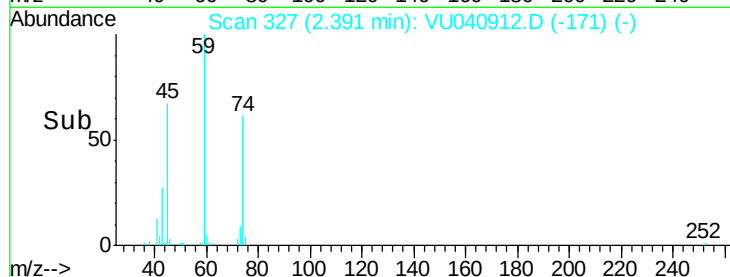
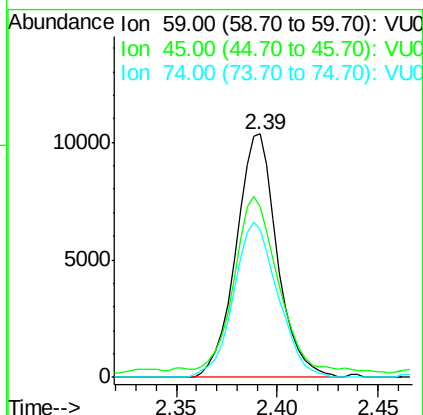
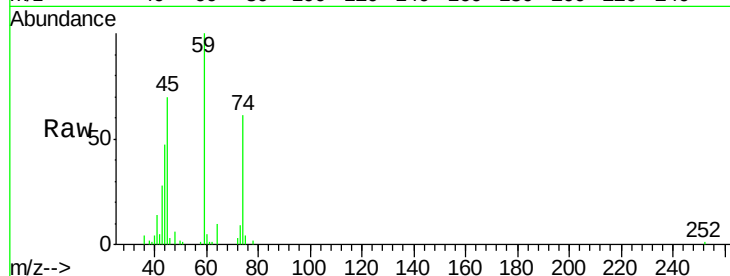
ClientSampleId :

VSTDIC001

Tot Ion:	59	Resp:	14811
Ion	Ratio	Lower	Upper
59	100		
45	79.1	61.4	92.2
74	68.4	55.0	82.4

Manual Integrations
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#24

tert-Butyl Alcohol

Concen: 11.519 ug/l m

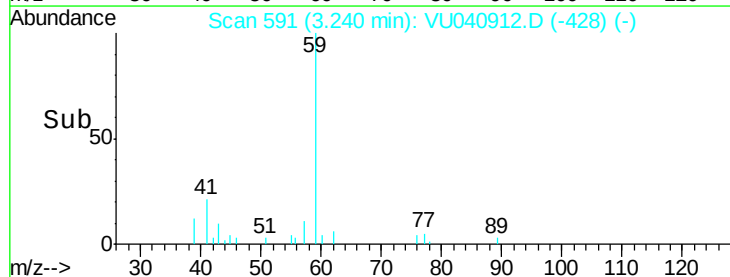
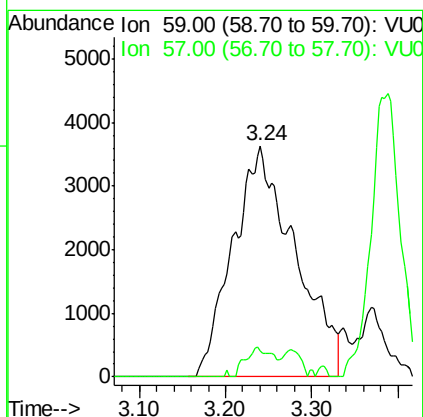
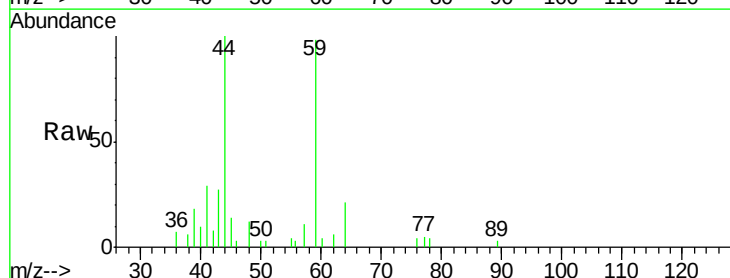
RT: 3.24 min Scan# 591

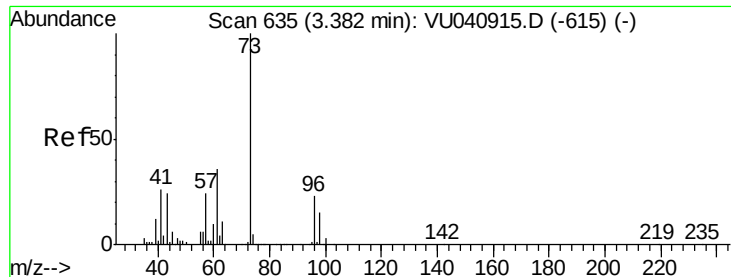
Delta R.T. 0.03 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Tgt Ion:	59	Resp:	18110
Ion	Ratio	Lower	Upper
59	100		
57	5.4	8.4	12.6#





#25

Methvl tert-Butvl Ether

Concen: 1.118 ug/l

RT: 3.39 min Scan# 637

Delta R.T. 0.01 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 73 Resp: 45749

Ion Ratio Lower Upper

73 100

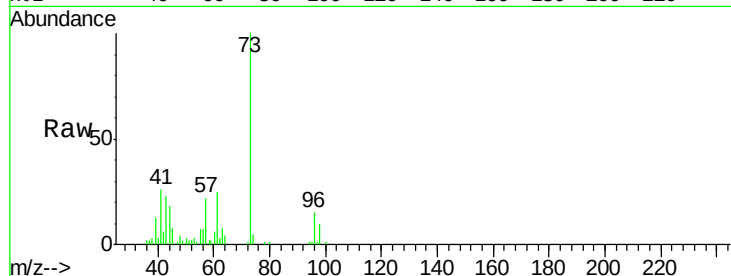
43 24.1 19.0 28.6

Manual Integrations

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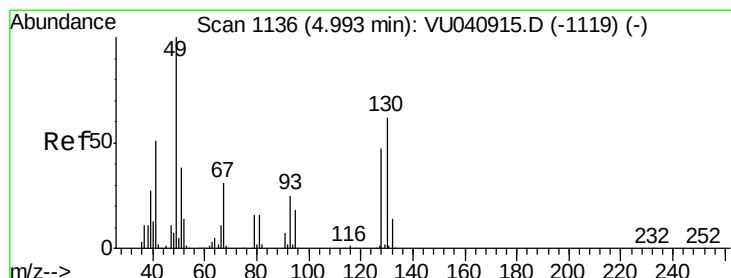
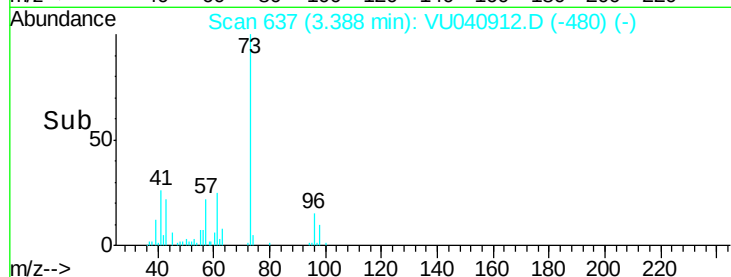
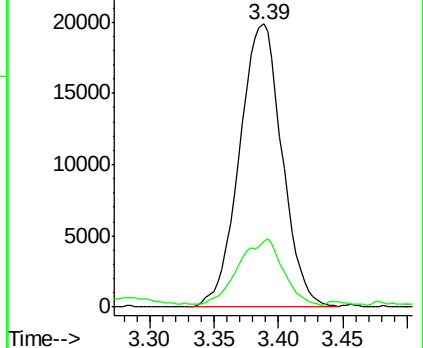
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Abundance Ion 73.00 (72.70 to 73.70): VU040915.D (-615) (-)

Ion 43.00 (42.70 to 43.70): VU040915.D (-615) (-)



#26

Bromochloromethane

Concen: 1.191 ug/l

RT: 4.99 min Scan# 1136

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

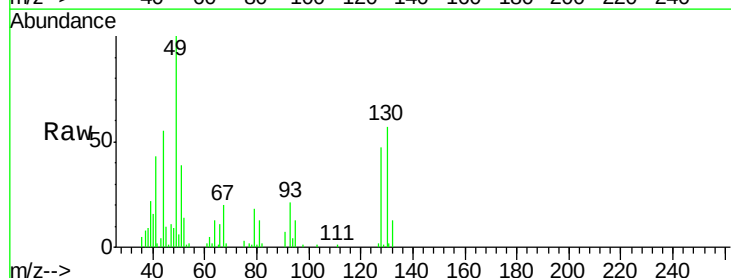
Tgt Ion: 128 Resp: 8066

Ion Ratio Lower Upper

128 100

49 224.1 0.0 426.4

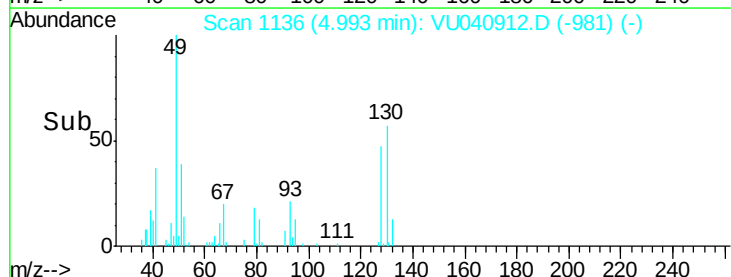
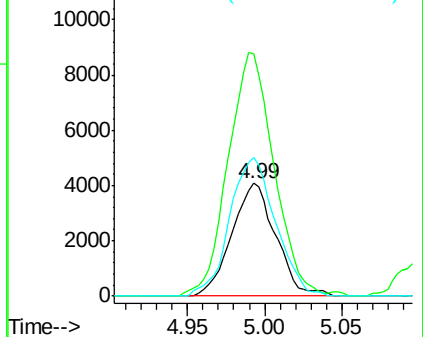
130 127.6 106.2 159.4

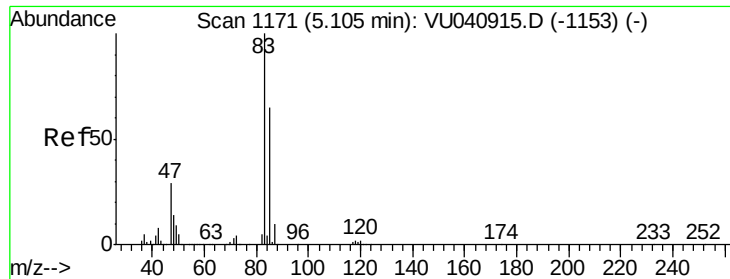


Abundance Ion 128.00 (127.70 to 128.70): VU040915.D (-1119) (-)

Ion 49.00 (48.70 to 49.70): VU040915.D (-1119) (-)

Ion 130.00 (129.70 to 130.70): VU040915.D (-1119) (-)





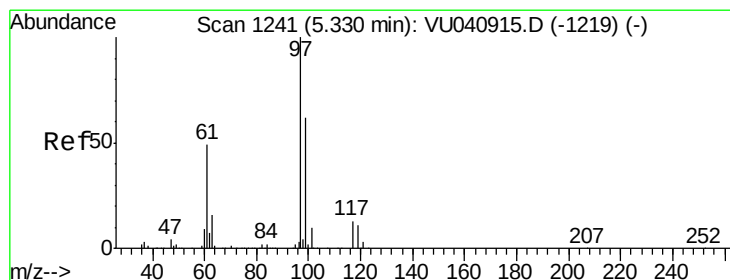
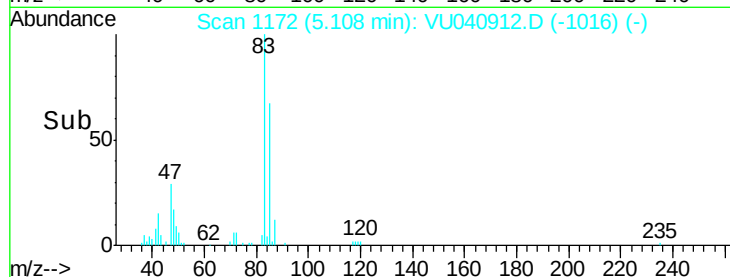
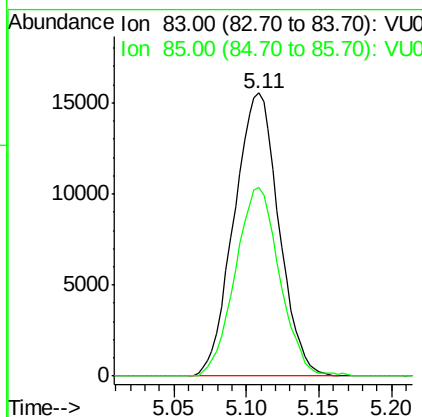
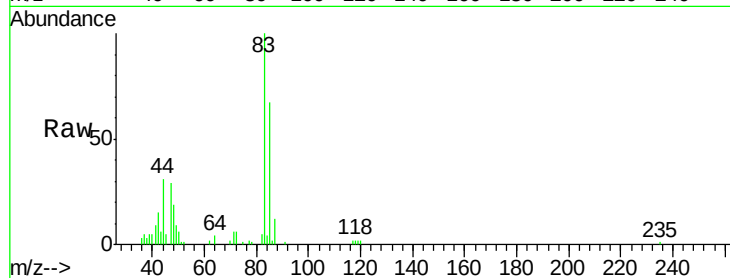
#27
Chloroform
Concen: 1.131 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
83	100		
85	66.9	0.0	129.0

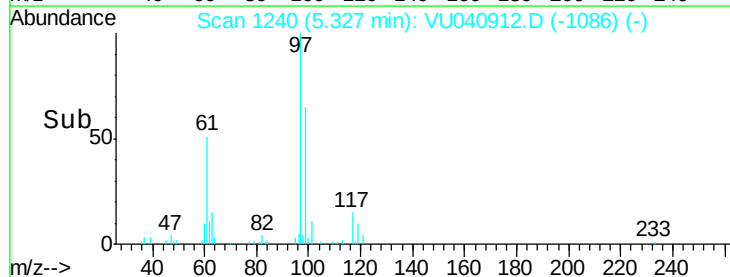
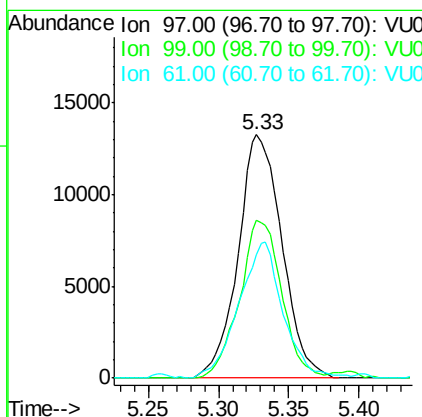
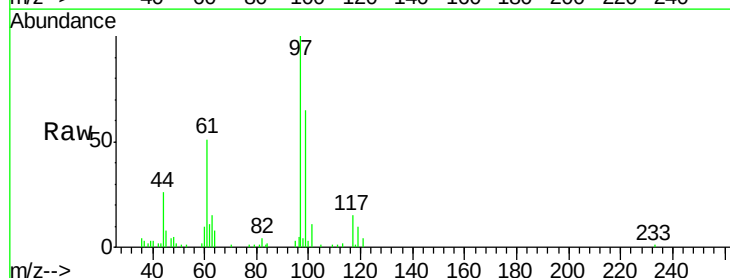
Manual Integrations
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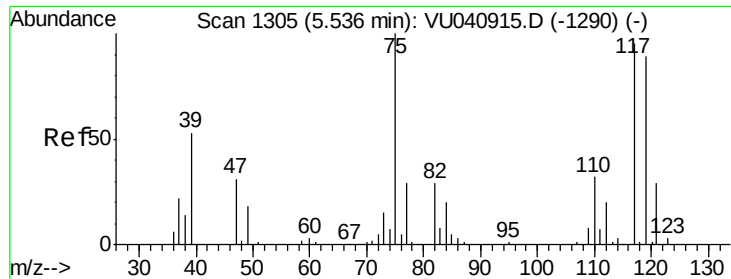
MMDadoda
10/26/2020 4:14:44 PM



#28
1,1,1-Trichloroethane
Concen: 1.134 ug/l
RT: 5.33 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.2	31.4	94.3
61	56.1	24.7	74.1





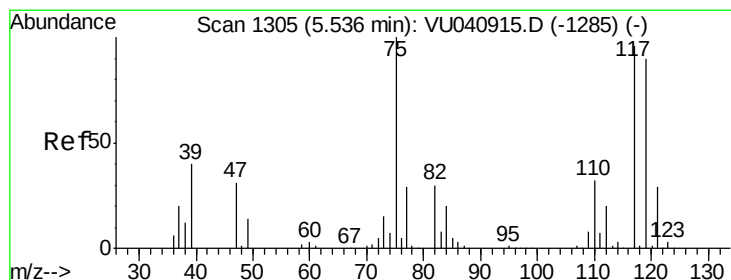
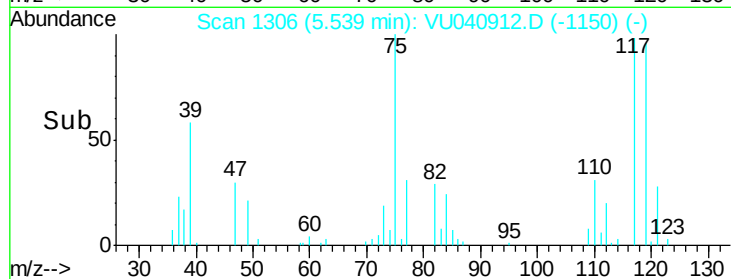
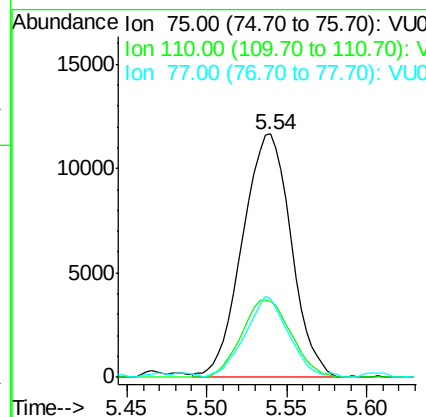
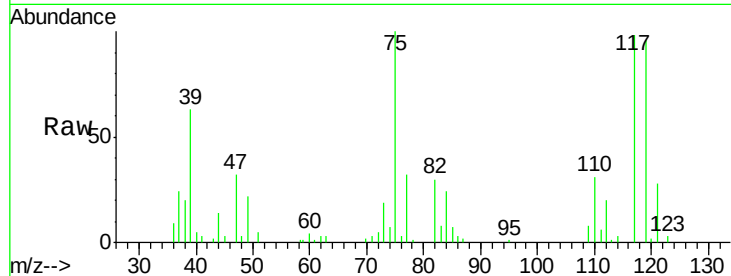
#29
1,1-Dichloropropene
Concen: 1.110 ug/l
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.2	15.9	47.6
77	29.9	24.2	36.2

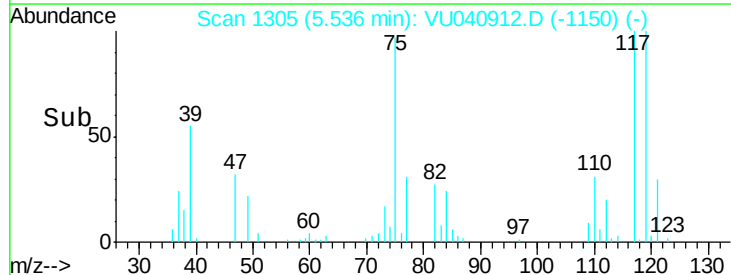
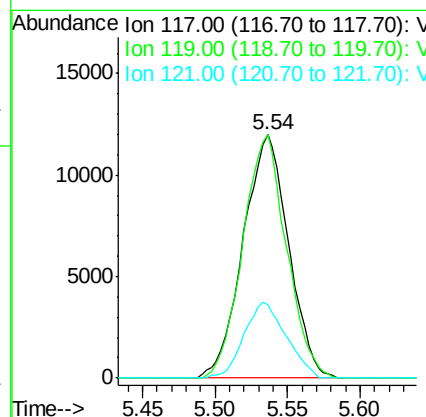
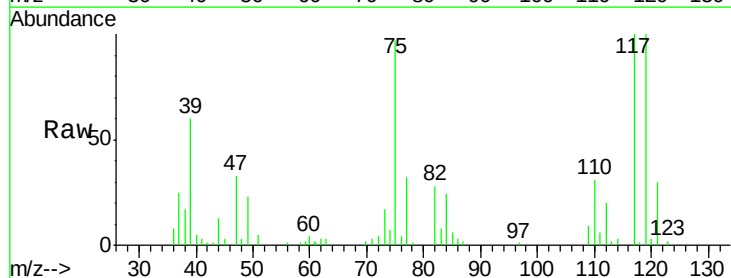
Manual Integrations
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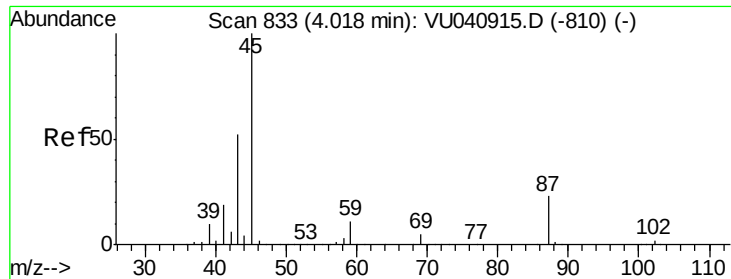
MMDadoda
10/26/2020 4:14:44 PM



#30
Carbon Tetrachloride
Concen: 1.130 ug/l
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.2	74.9	112.3
121	30.1	24.1	36.1





#31

Isopropyl Ether

Concen: 1.087 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 45 Resp: 53794

Ion Ratio Lower Upper

45 100

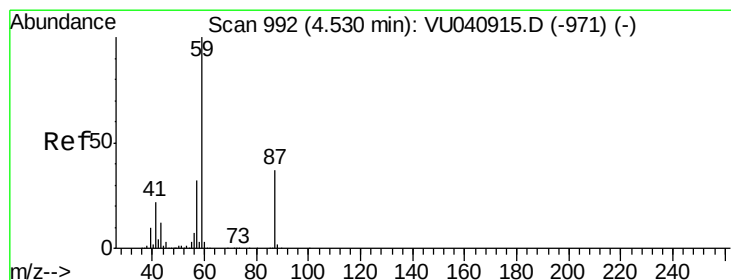
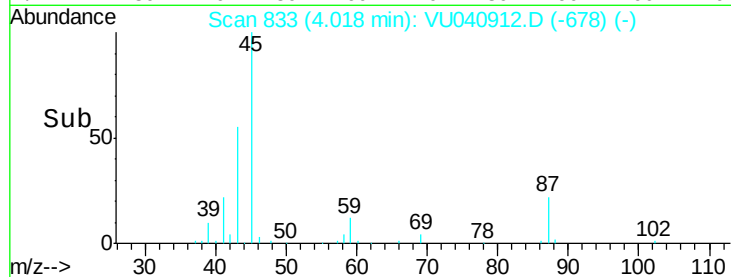
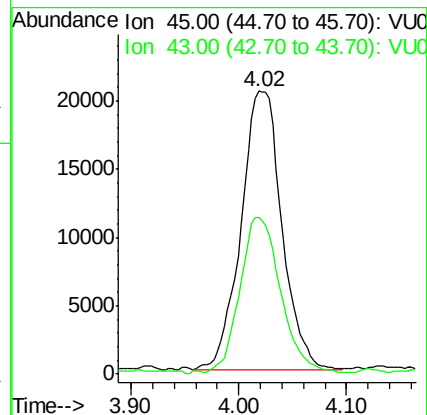
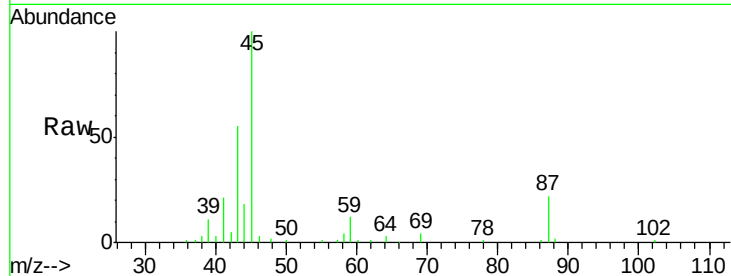
43 54.7 26.8 80.3

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10/26/2020 4:14:44 PM



#32

Ethyl-t-butyl ether

Concen: 1.076 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040912.D

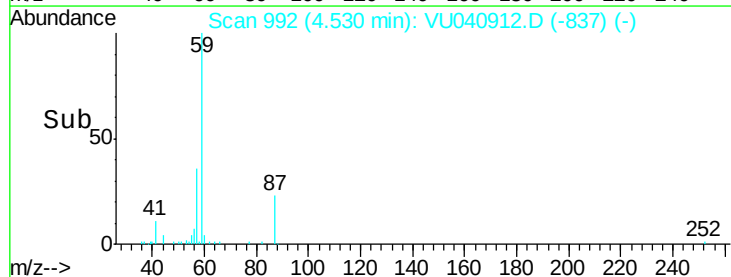
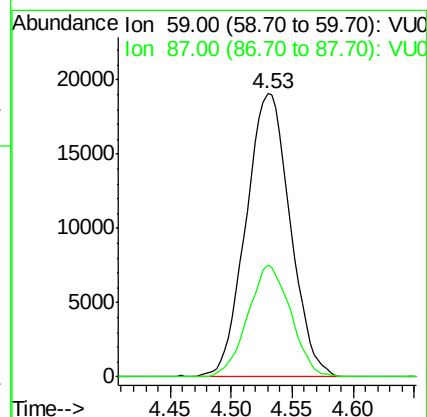
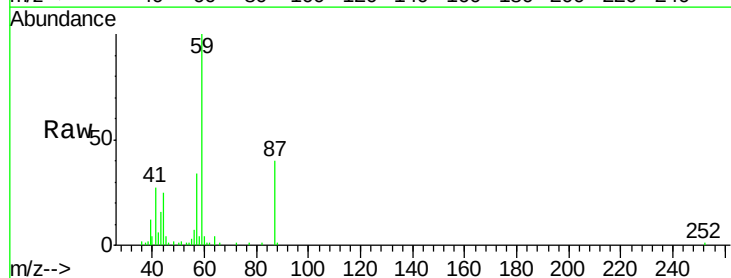
Acq: 22 Oct 2020 19:03

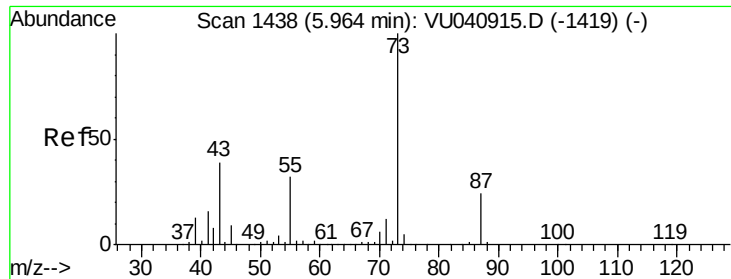
Tgt Ion: 59 Resp: 47934

Ion Ratio Lower Upper

59 100

87 38.1 30.6 46.0





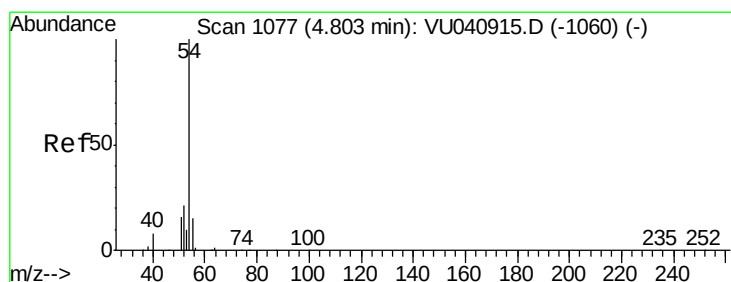
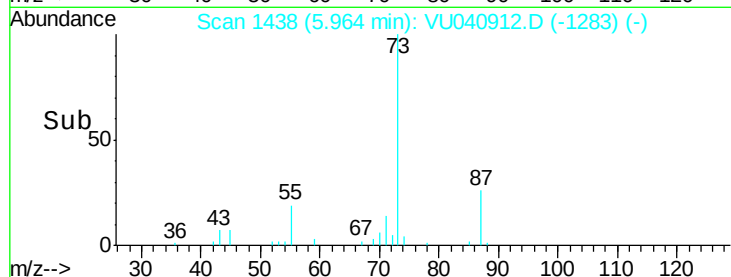
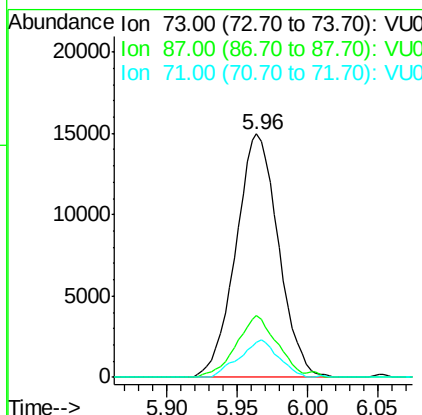
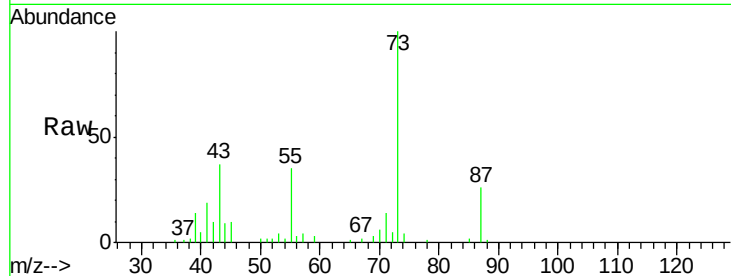
#33
Tert-Butyl methyl ether
Concen: 0.820 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
87	22.4	19.0	28.4
71	14.0	9.7	14.5

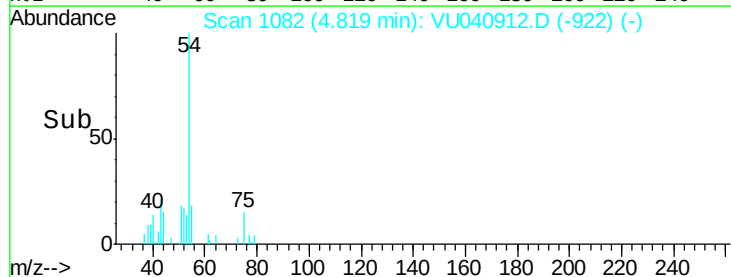
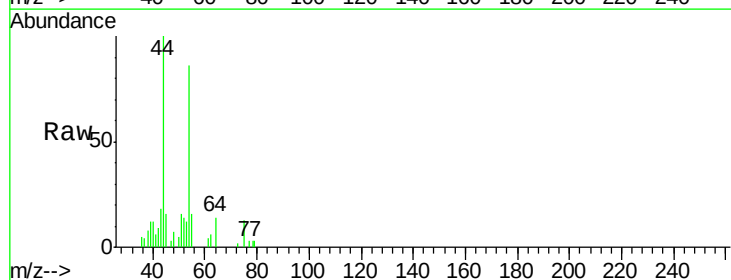
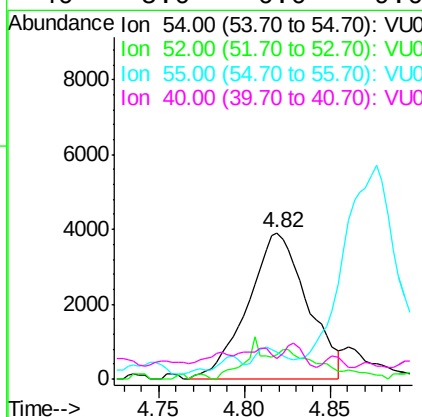
Manual Integrations
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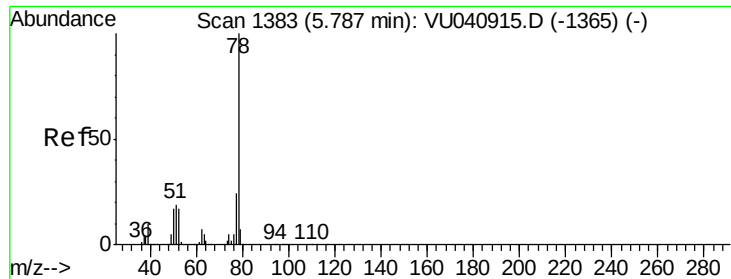
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10/26/2020 4:14:44 PM



#34
Propionitrile
Concen: 6.036 ug/l
RT: 4.82 min Scan# 1082
Delta R.T. 0.02 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
54	100		
52	8.6	15.5	23.3#
55	0.0	12.5	18.7#
40	5.0	6.0	9.0#





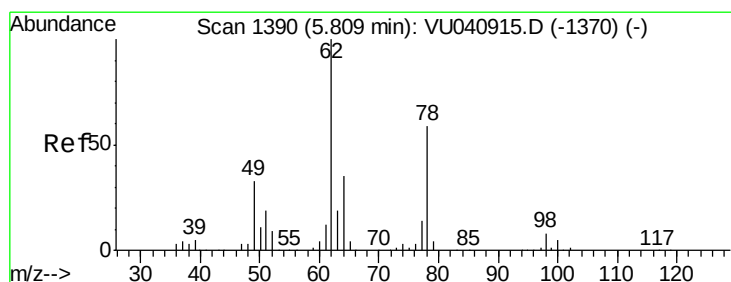
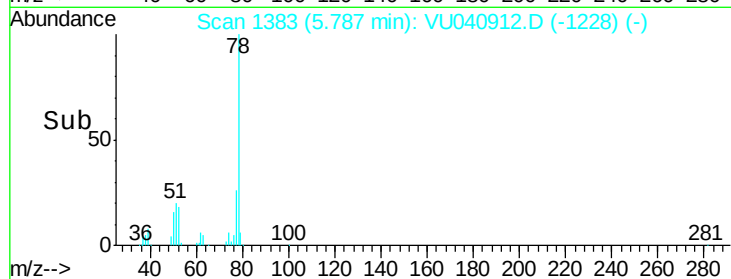
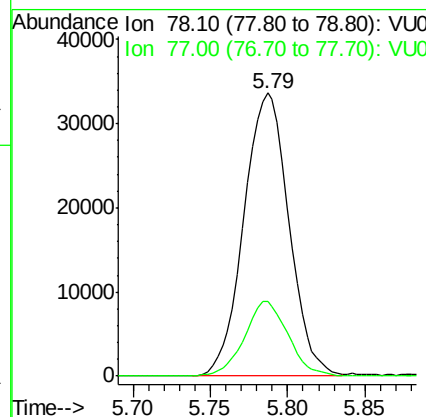
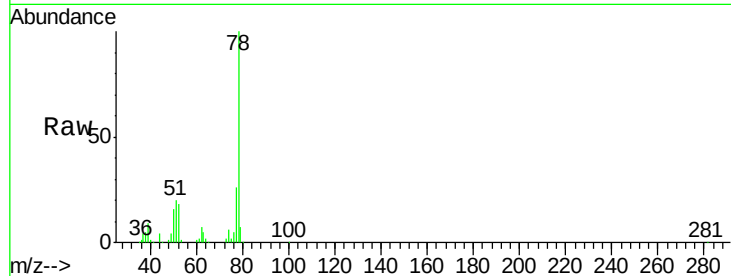
#35
Benzene
Concen: 1.126 ug/l
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
78	100		
77	26.3	19.4	29.2

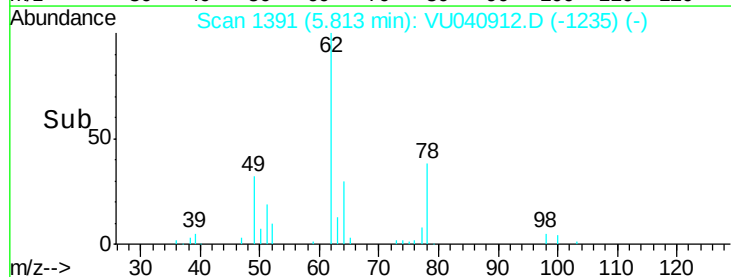
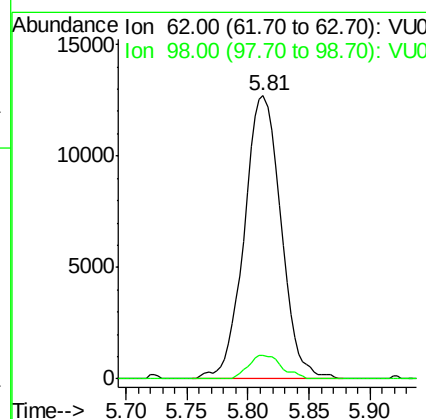
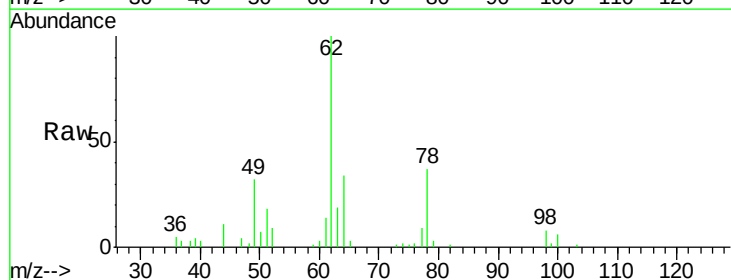
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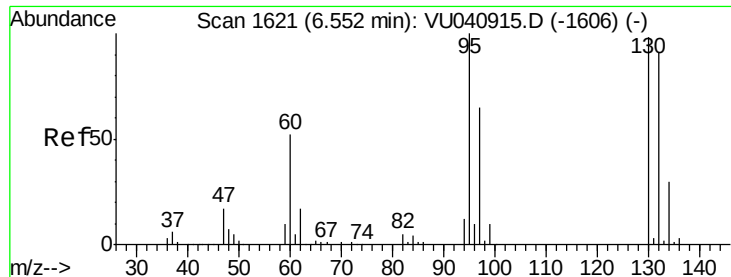
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10/26/2020 4:14:44 PM



#36
1,2-Dichloroethane
Concen: 1.136 ug/l
RT: 5.81 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.7	10.1





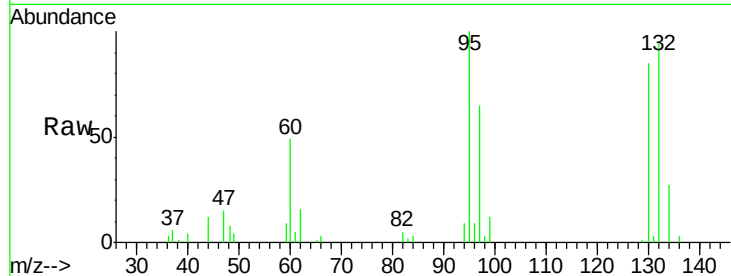
#37
 Trichloroethene
 Concen: 1.060 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

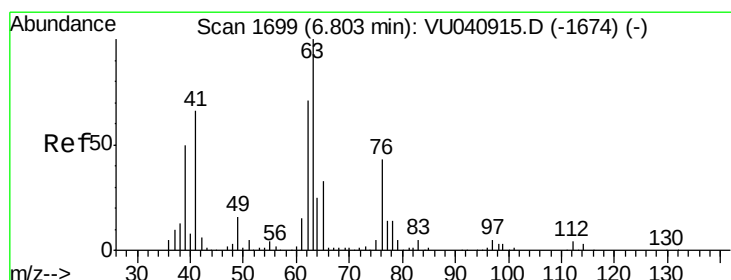
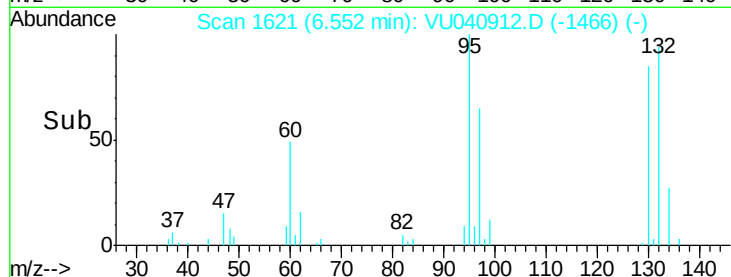
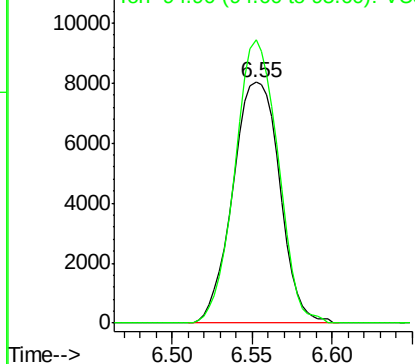
Tot Ion:130 Resp: 16090
 Ion Ratio Lower Upper
 130 100
 95 117.6 81.9 122.9

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 10/26/2020 4:14:44 PM

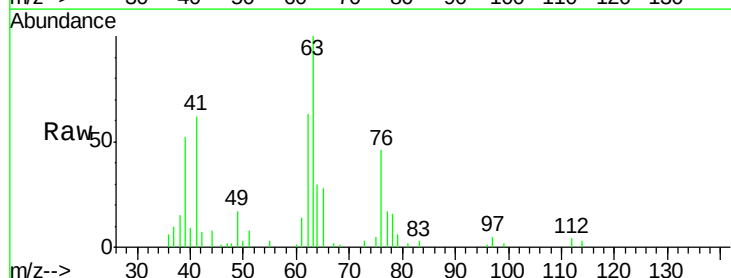


Abundance Ion 129.90 (129.60 to 130.60): VU040912.D (-1466) (-)
 Ion 94.90 (94.60 to 95.60): VU040912.D (-1466) (-)

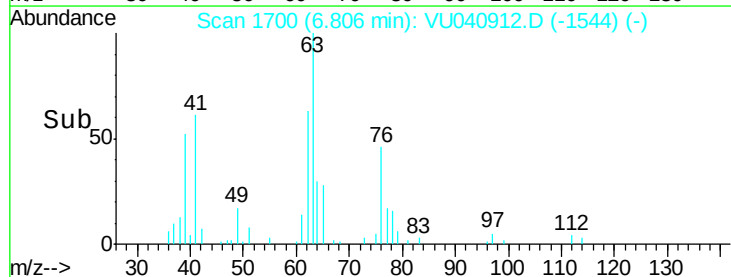
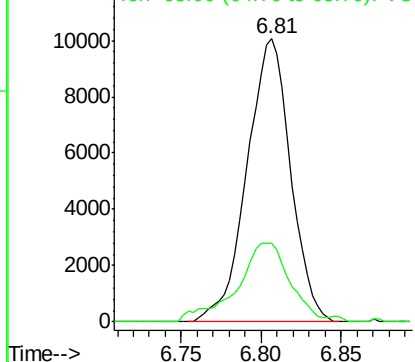


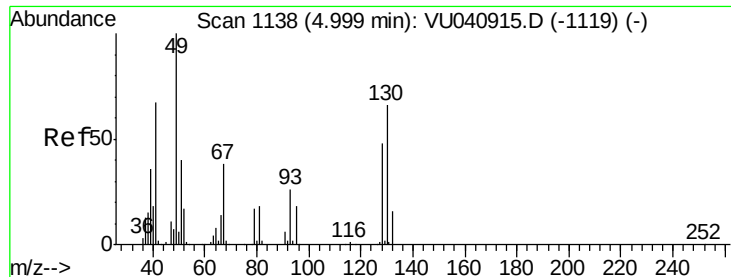
#38
 1,2-Dichloropropane
 Concen: 1.074 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion: 63 Resp: 18804
 Ion Ratio Lower Upper
 63 100
 65 25.9 26.2 39.2#



Abundance Ion 63.00 (62.70 to 63.70): VU040912.D (-1544) (-)
 Ion 65.00 (64.70 to 65.70): VU040912.D (-1544) (-)





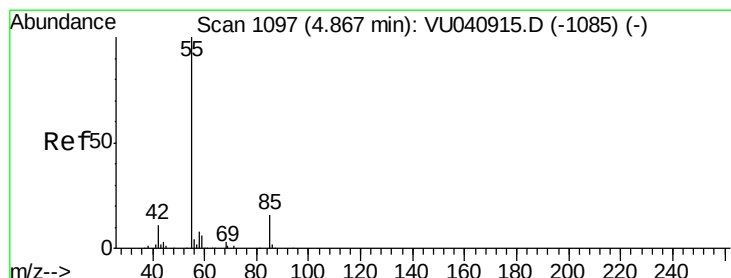
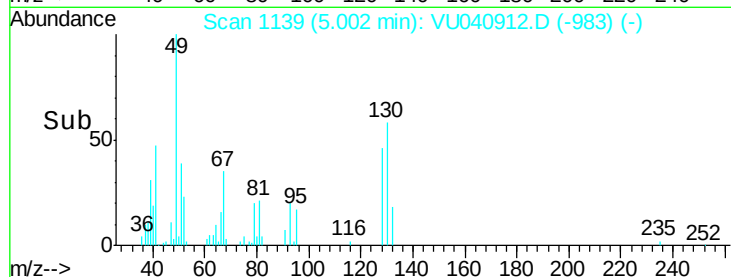
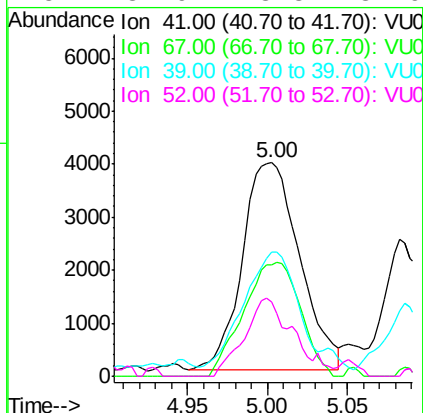
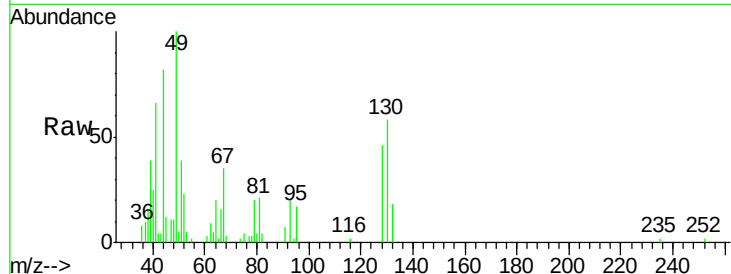
#39
Methacrylonitrile
Concen: 1.183 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	41	Resp:	9685
Ion	Ratio	Lower	Upper
41	100		
67	54.2	48.7	73.1
39	50.6	44.6	67.0
52	31.9	23.3	34.9

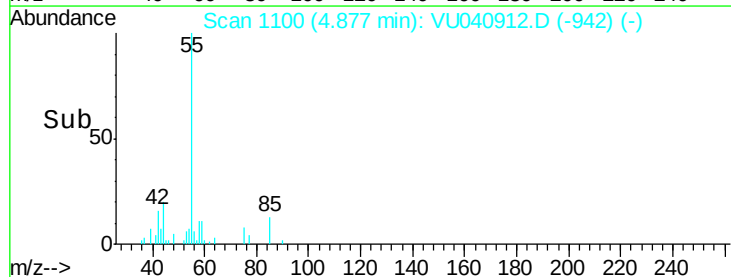
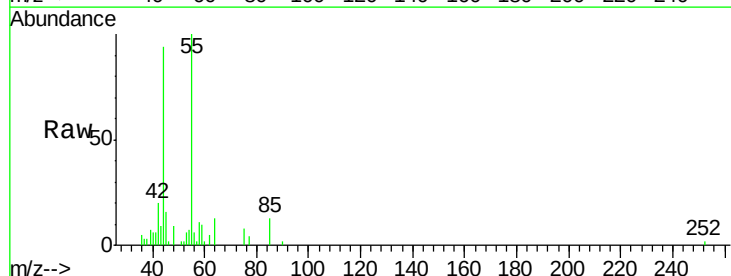
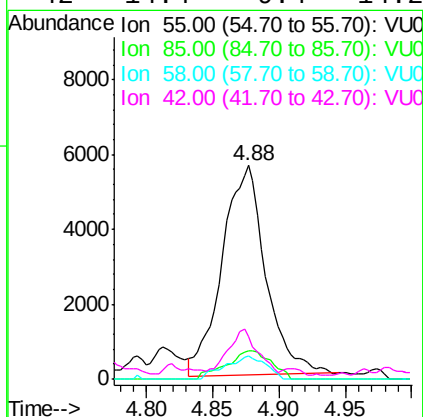
Manual Integrations
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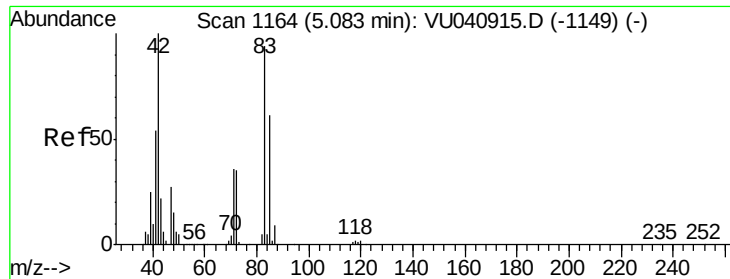
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10/26/2020 4:14:44 PM



#40
Methyl acrylate
Concen: 1.209 ug/l
RT: 4.88 min Scan# 1100
Delta R.T. 0.01 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	55	Resp:	12796
Ion	Ratio	Lower	Upper
55	100		
85	13.7	12.2	18.2
58	10.2	6.8	10.2
42	14.4	9.4	14.2#





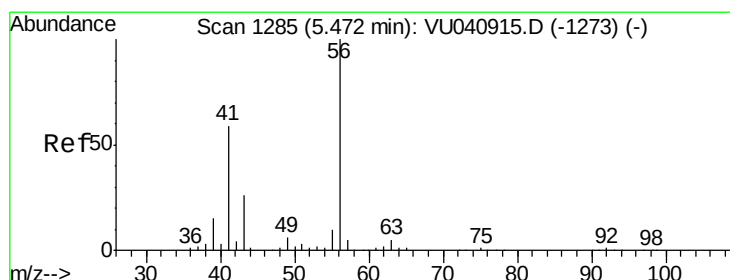
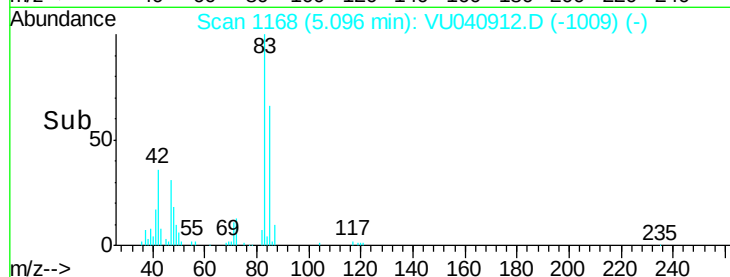
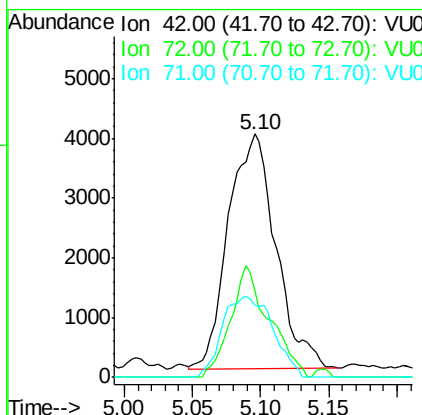
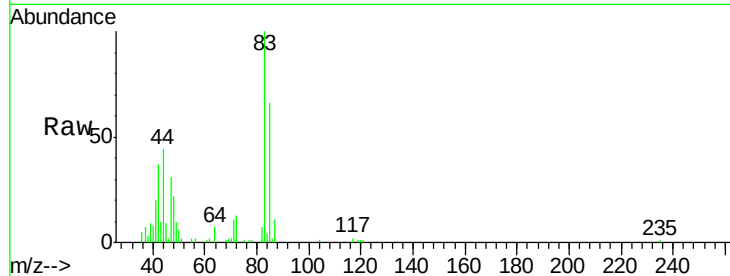
#41
Tetrahydrofuran
Concen: 2.394 ug/l
RT: 5.10 min Scan# 1168
Delta R.T. 0.01 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	30.1	45.1
71	36.6	27.9	41.9

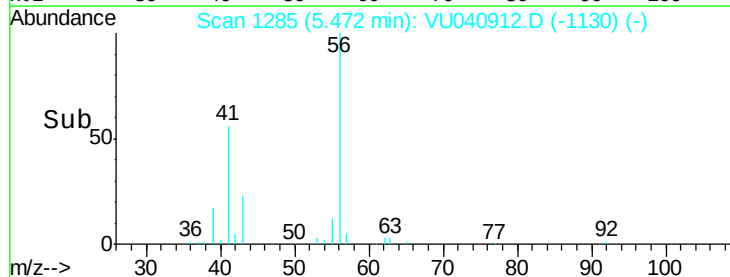
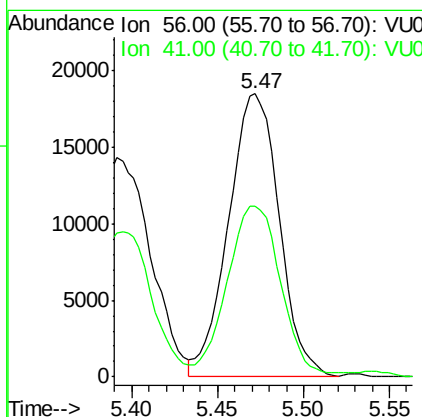
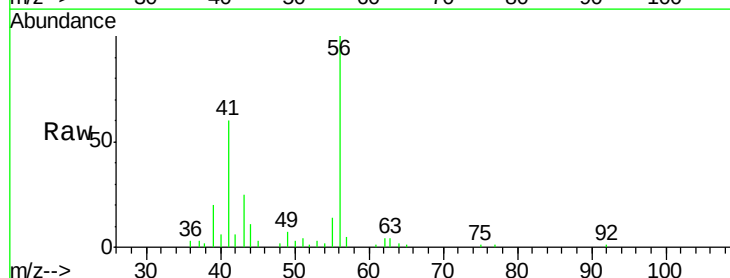
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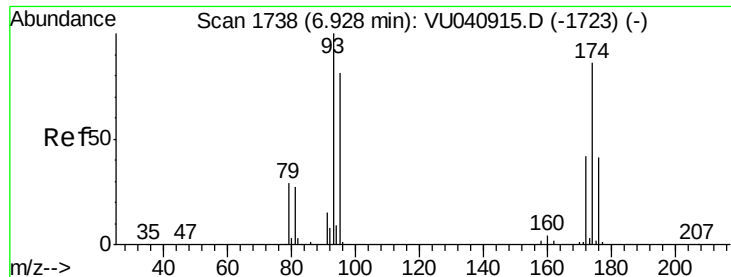
MMDadoda
10/26/2020 4:14:44 PM



#42
1-Chlorobutane
Concen: 1.171 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
56	100		
41	62.7	29.6	88.8





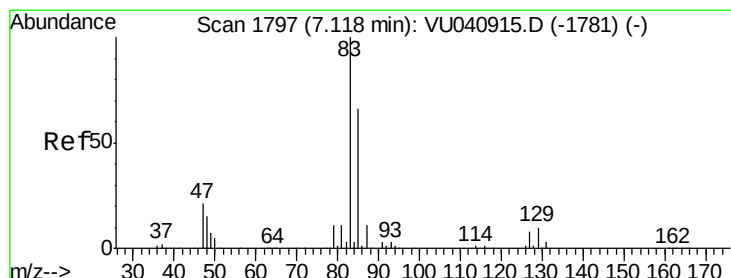
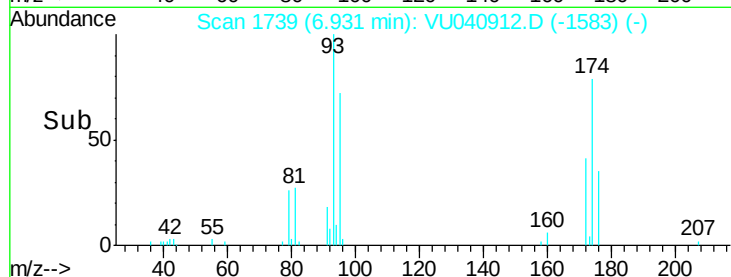
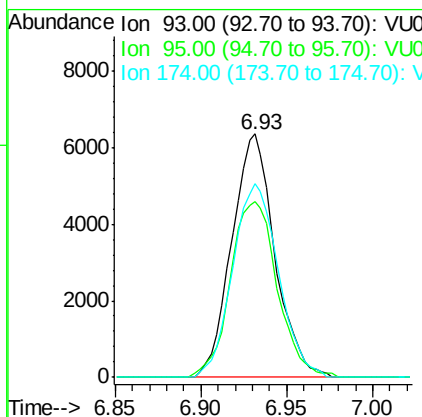
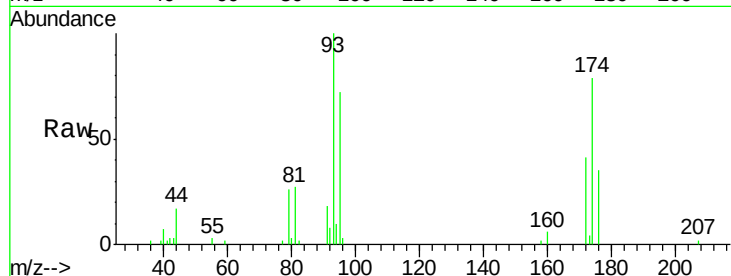
#43
Dibromomethane
Concen: 1.100 ug/l
RT: 6.93 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	78.8	66.3	99.5
174	84.6	70.4	105.6

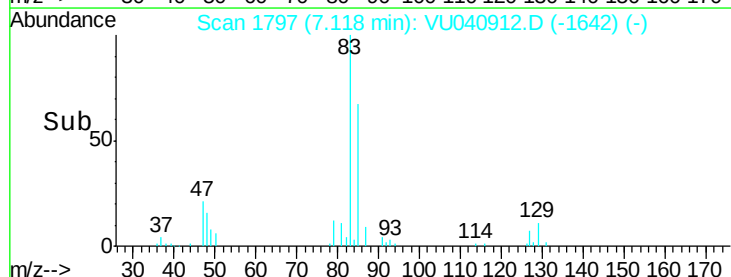
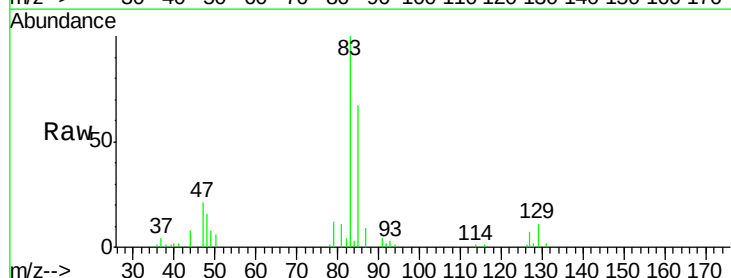
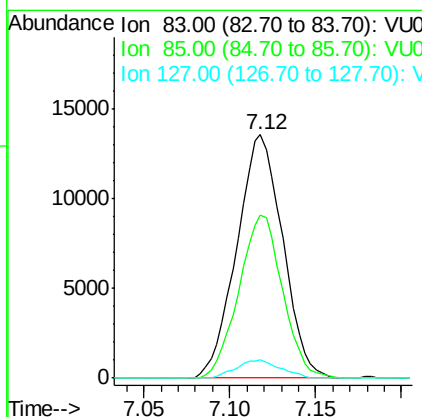
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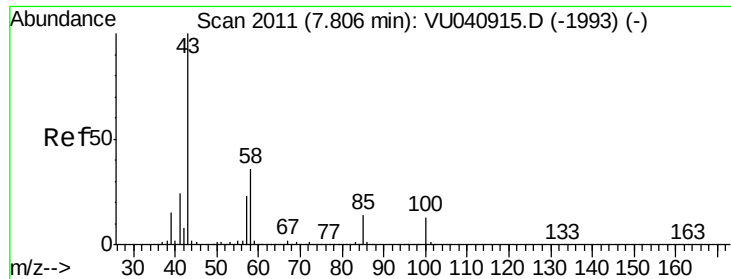
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#44
Bromodichloromethane
Concen: 1.043 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	52.6	78.8
127	7.4	6.4	9.6





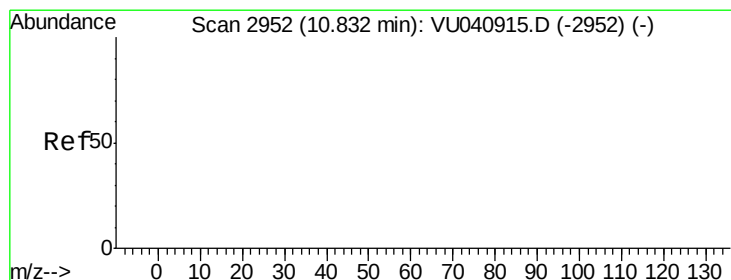
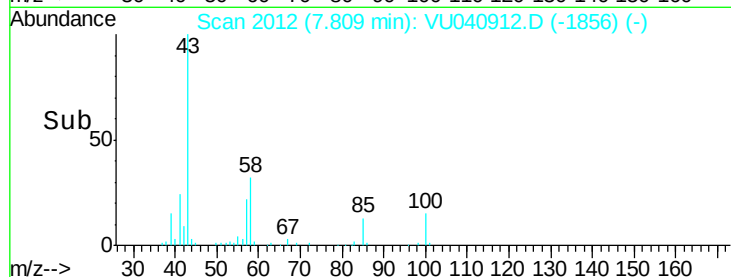
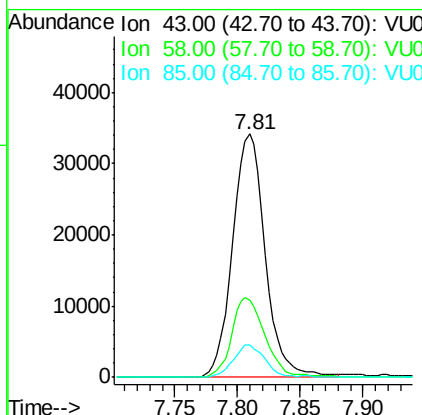
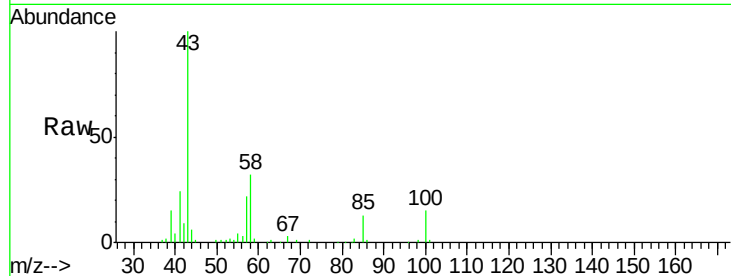
#45
4-Methyl-2-Pentanone
Concen: 4.497 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
58	33.4	17.8	53.5
85	12.8	11.4	17.2

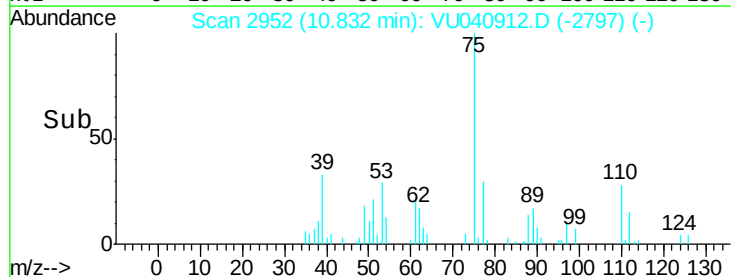
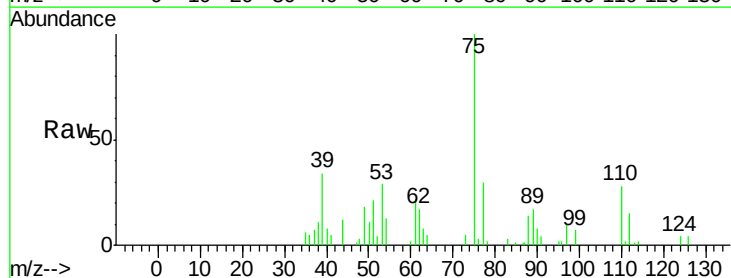
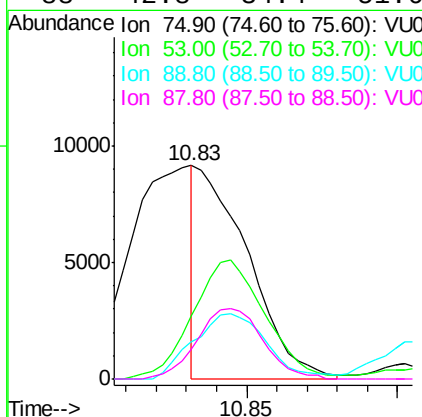
Manual Integrations
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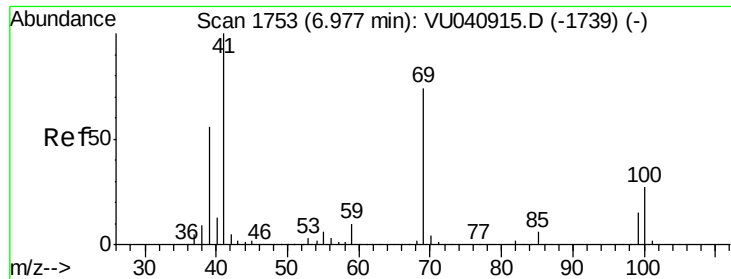
MMDadoda
10/26/2020 4:14:44 PM



#46
t-1,4-Dichloro-2-butene
Concen: 2.055 ug/l m
RT: 10.83 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
75	100		
53	79.0	73.0	109.4
89	44.2	41.7	62.5
88	42.8	34.4	51.6





#47

Methvl methacrylate

Concen: 1.778 ug/l

RT: 6.98 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

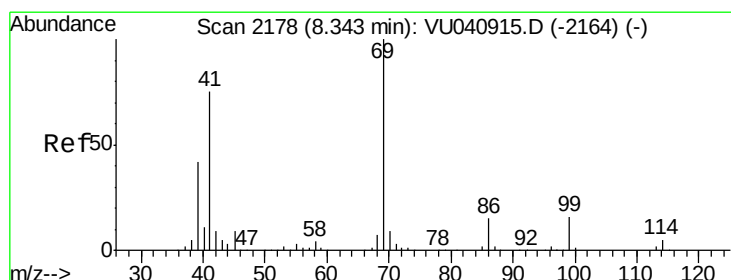
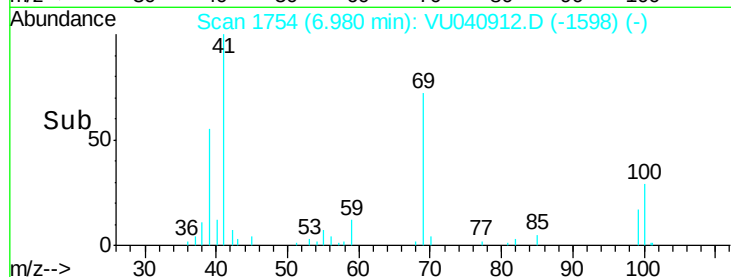
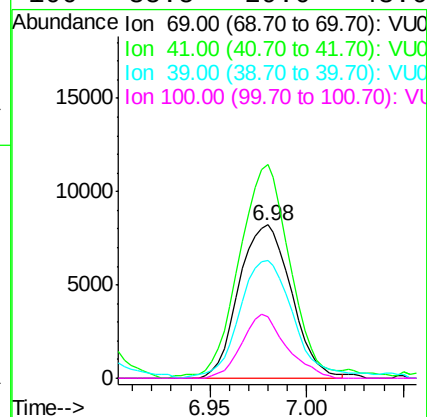
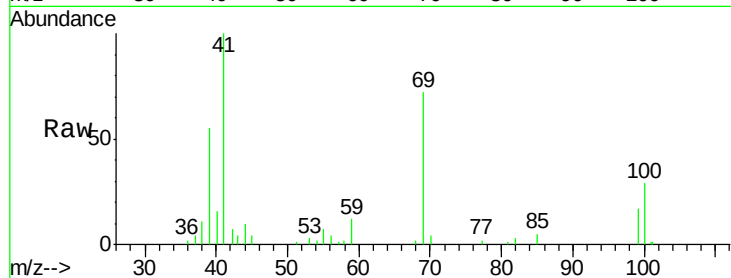
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	138.3	0.0	270.2		
39	79.0	61.6	92.4		
100	35.5	29.0	43.6		

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#48

Ethyl methacrylate

Concen: 0.882 ug/l

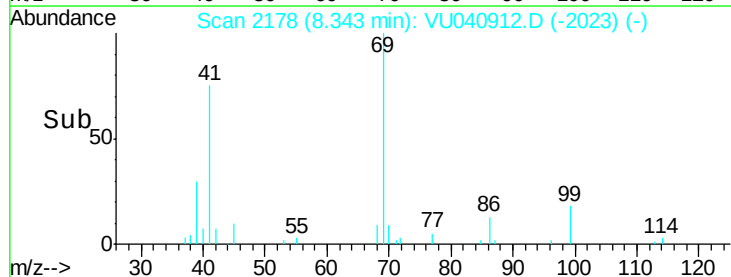
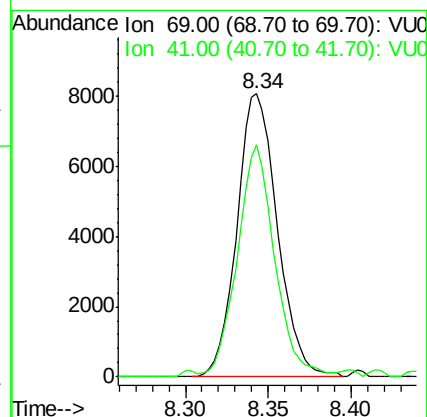
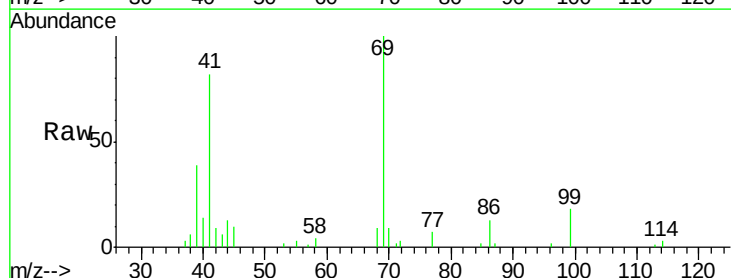
RT: 8.34 min Scan# 2178

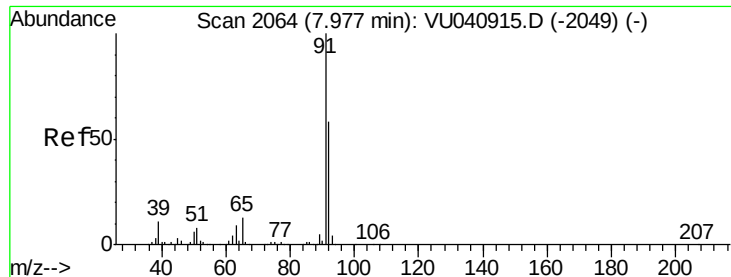
Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	72.0	37.6	112.9		





#49

Toluene

Concen: 0.914 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 33420

Ion Ratio Lower Upper

92 100

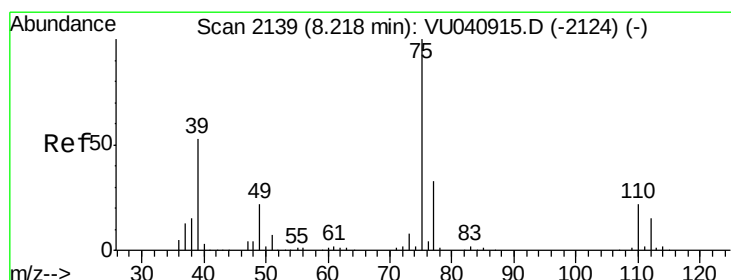
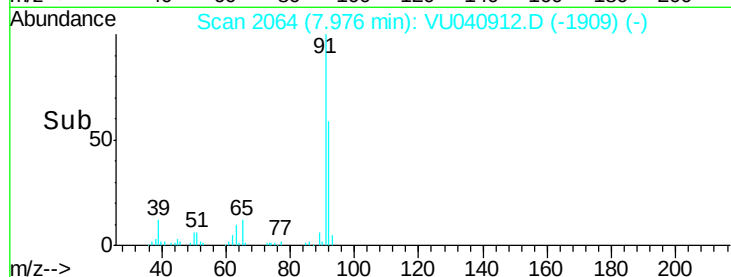
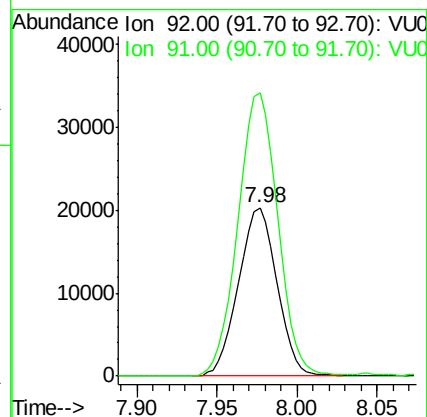
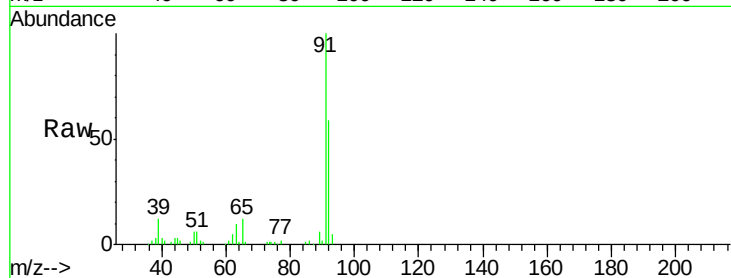
91 173.7 136.8 205.2

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#50

t-1,3-Dichloropropene

Concen: 0.930 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. 0.00 min

Lab File: VU040912.D

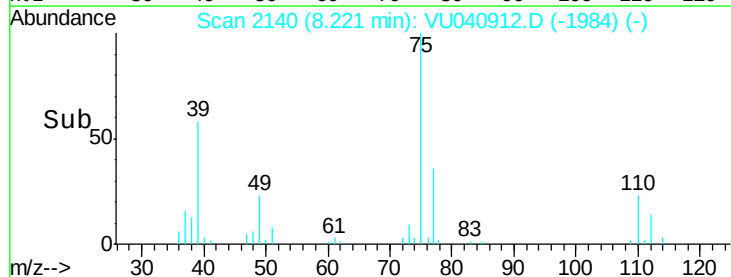
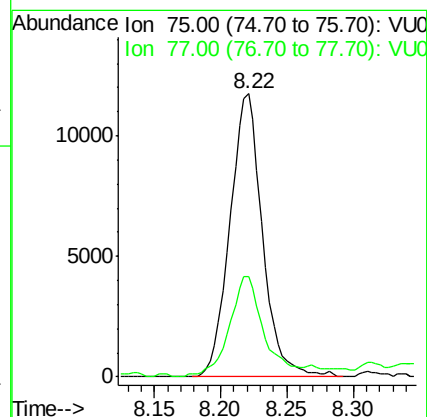
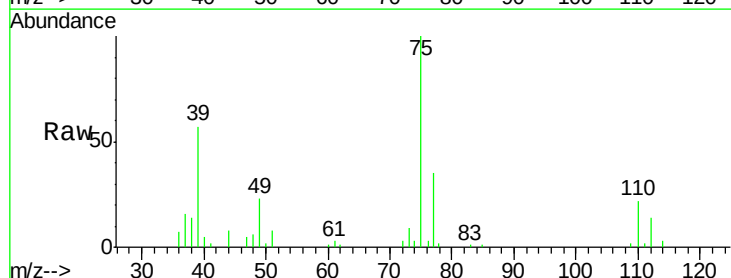
Acq: 22 Oct 2020 19:03

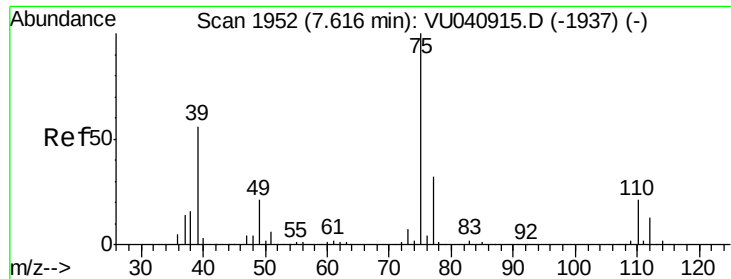
Tgt Ion: 75 Resp: 20019

Ion Ratio Lower Upper

75 100

77 34.1 26.2 39.4





#51

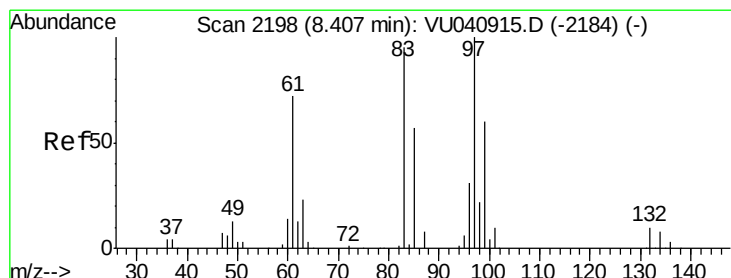
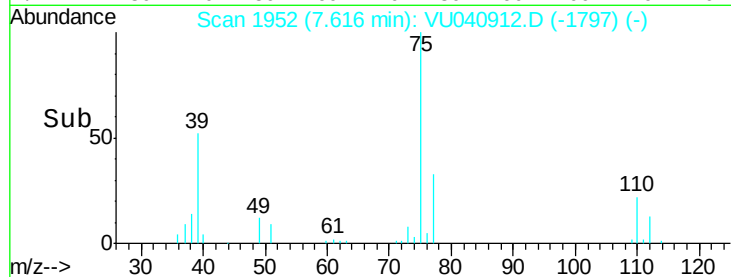
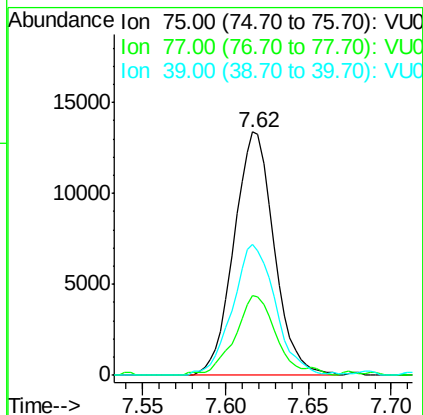
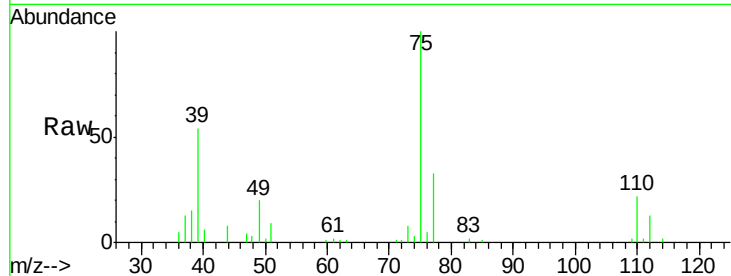
cis-1,3-Dichloropropene
Concen: 0.944 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.4	38.0
39	53.8	44.7	67.1

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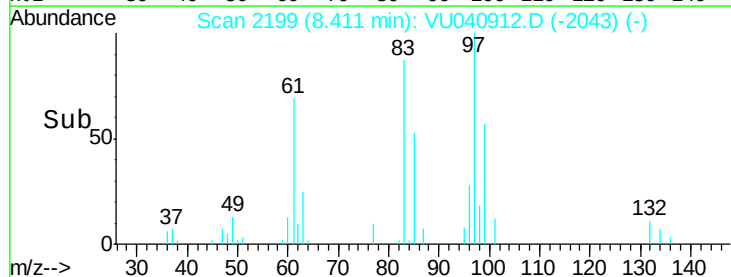
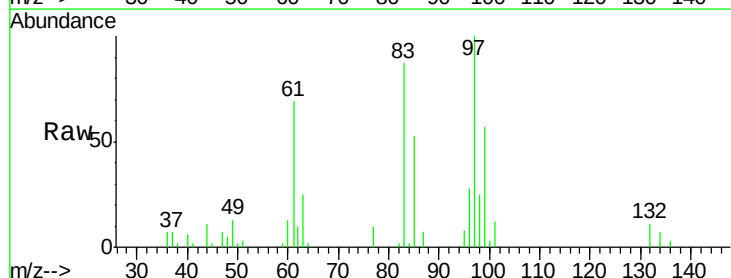
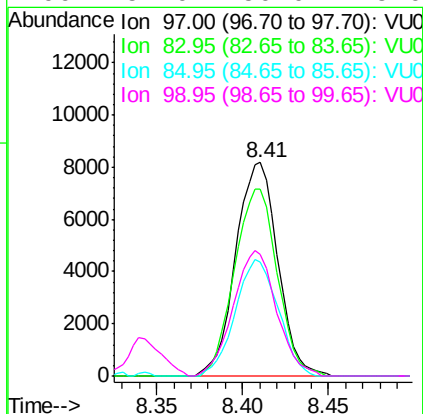
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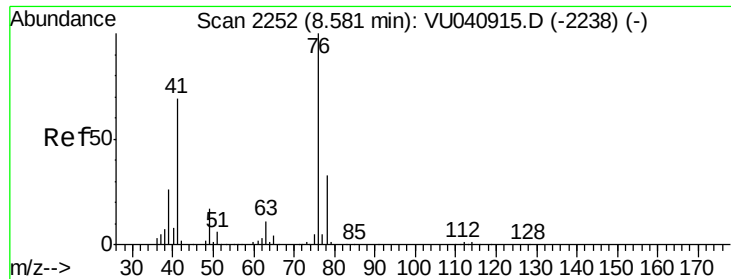


#52

1,1,2-Trichloroethane
Concen: 1.081 ug/l
RT: 8.41 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	75.9	113.9
85	53.4	46.1	69.1
99	57.0	50.0	75.0





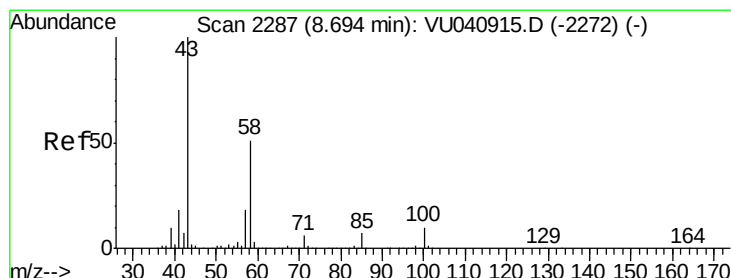
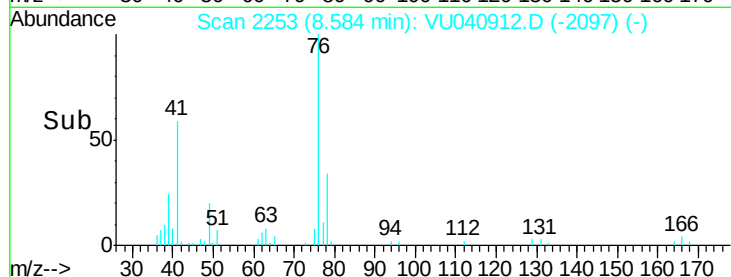
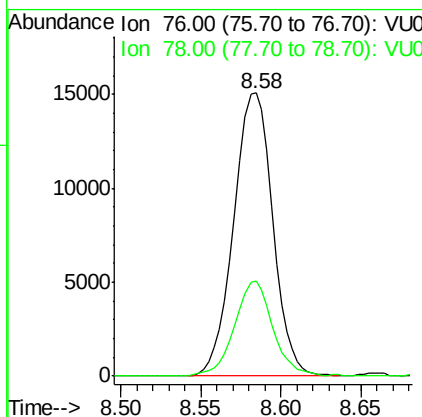
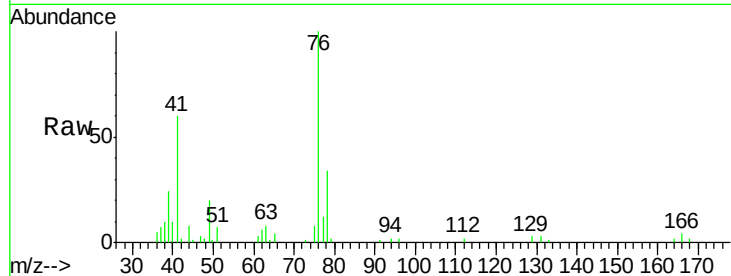
#53
 1,3-Dichloropropane
 Concen: 1.086 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.6	39.8

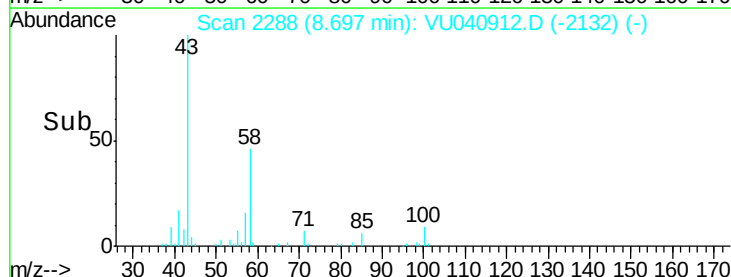
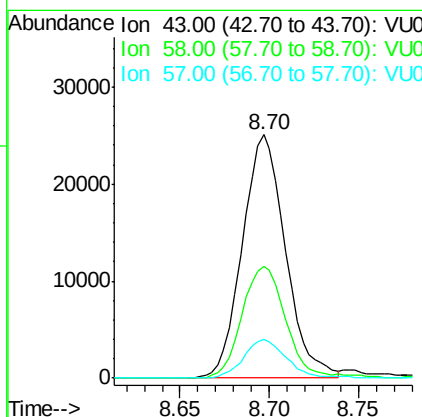
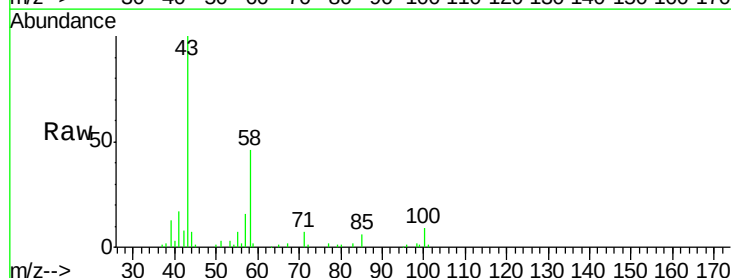
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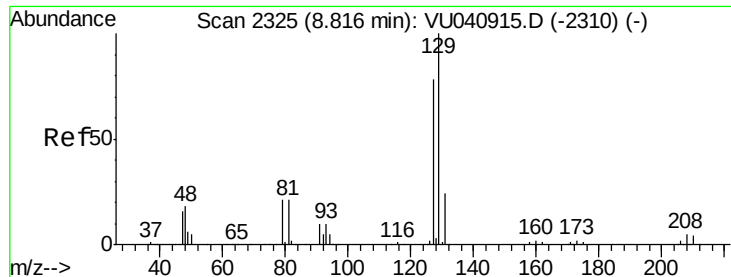
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#54
 2-Hexanone
 Concen: 4.269 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. 0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
43	100		
58	46.7	30.2	70.2
57	15.5	0.0	37.4





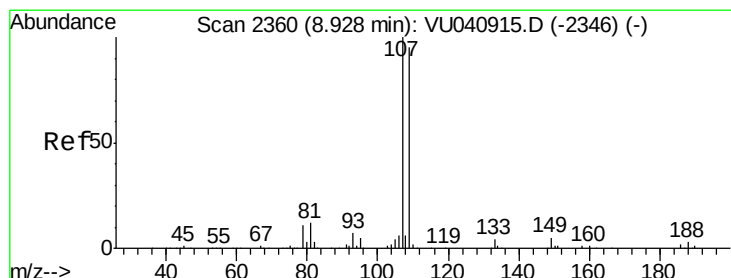
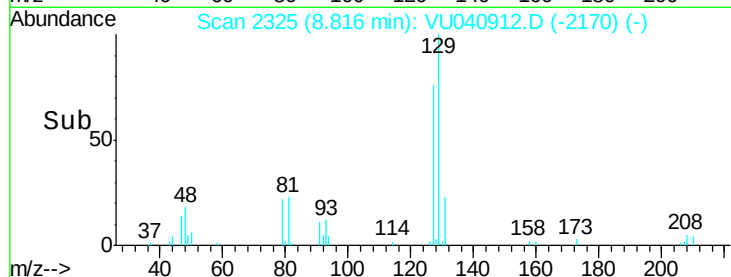
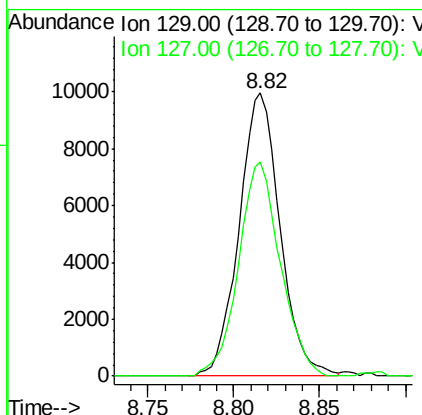
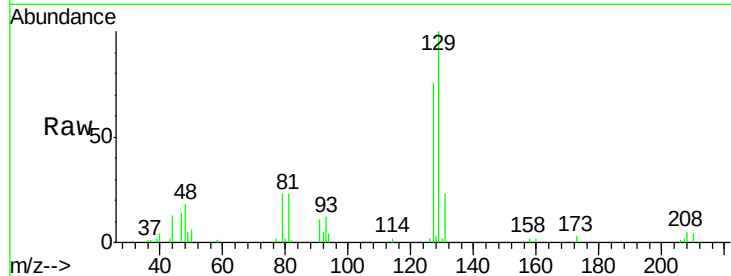
#55
 Dibromochloromethane
 Concen: 1.099 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.0	63.1	94.7

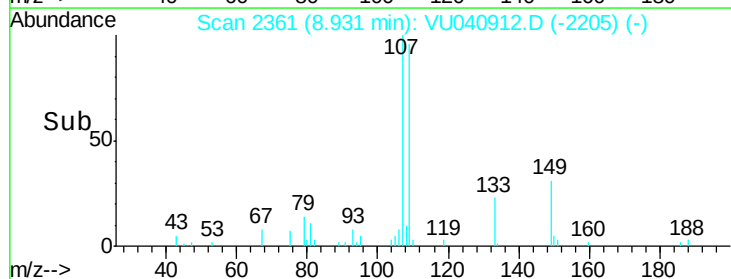
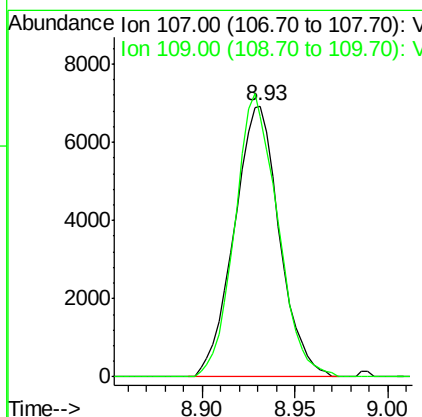
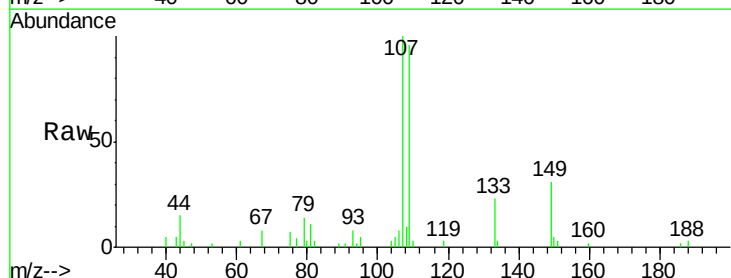
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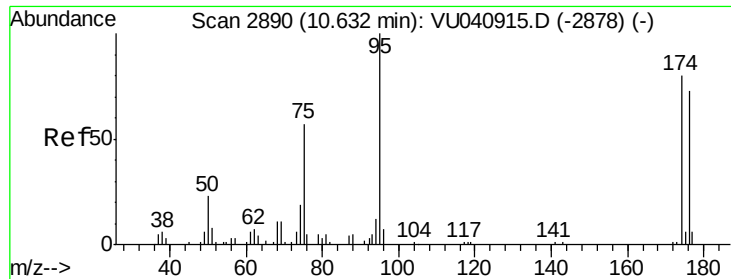
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#56
 1,2-Dibromoethane
 Concen: 0.980 ug/l
 RT: 8.93 min Scan# 2361
 Delta R.T. 0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
107	100		
109	98.7	0.0	190.4





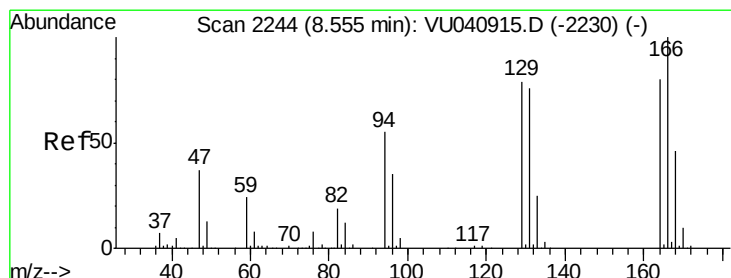
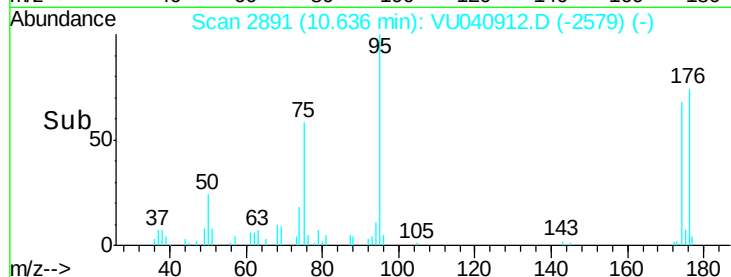
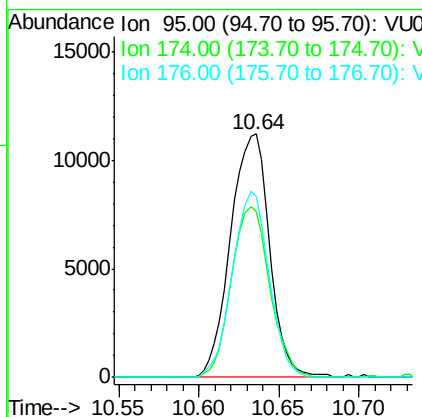
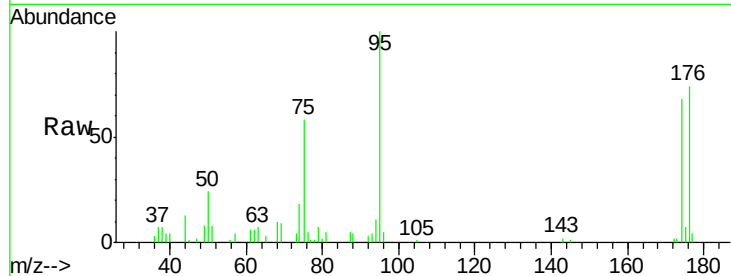
#57
4-Bromofluorobenzene
Concen: 0.842 ug/l
RT: 10.64 min Scan# 2891
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
95	100	18598		
174	68.8	60.3	90.5	
176	71.7	55.6	83.4	

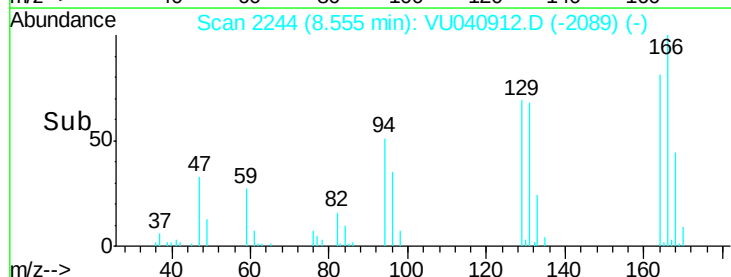
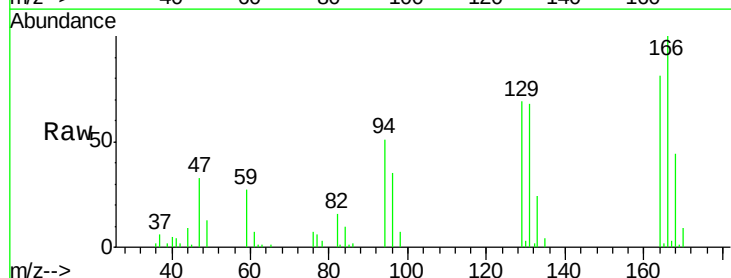
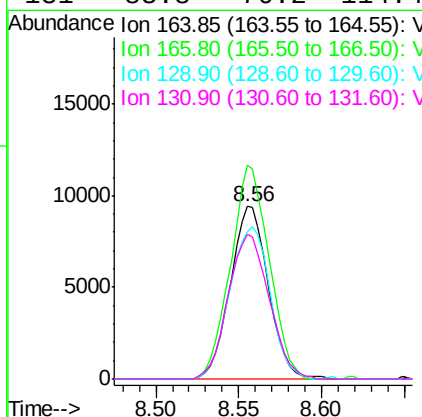
Manual Integrations
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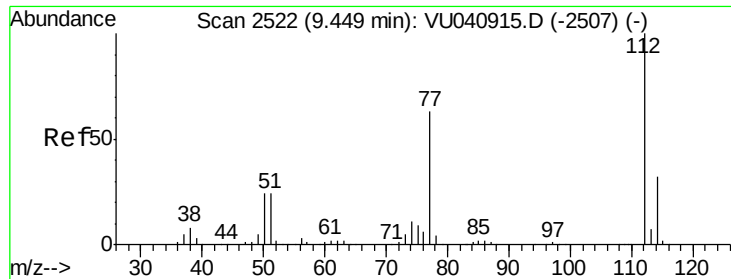
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#58
Tetrachloroethene
Concen: 1.025 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	14984		
166	123.9	100.3	150.5	
129	85.4	79.4	119.0	
131	83.8	76.2	114.4	





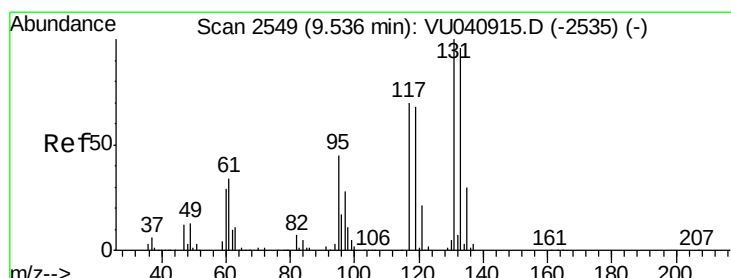
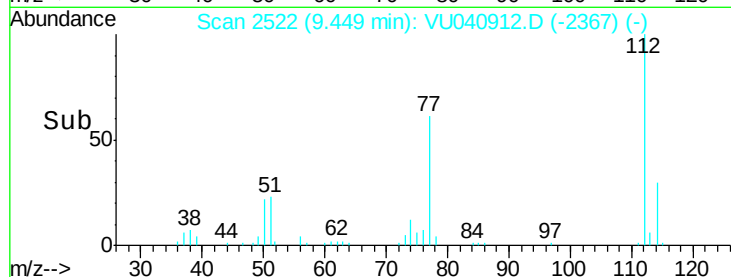
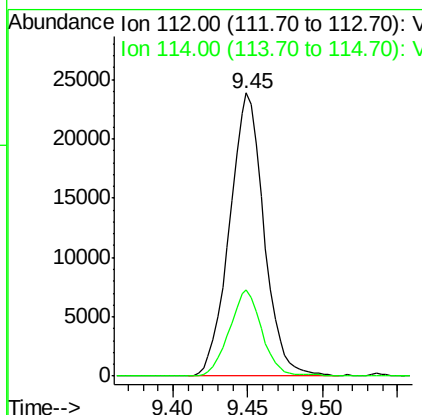
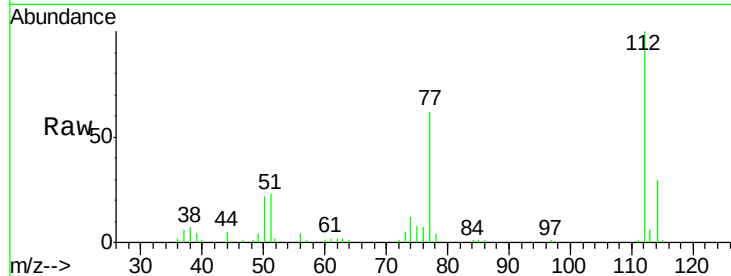
#59
Chlorobenzene
Concen: 0.960 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:112 Resp: 38217
Ion Ratio Lower Upper
112 100
114 30.4 25.8 38.8

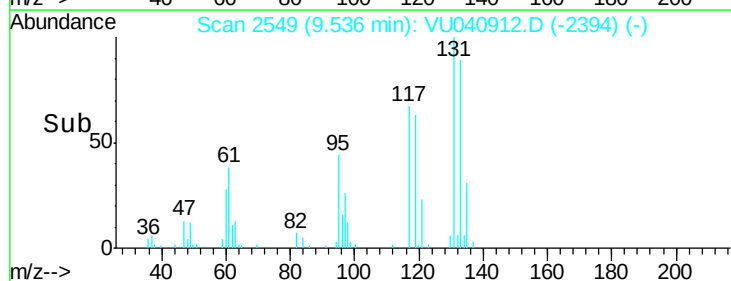
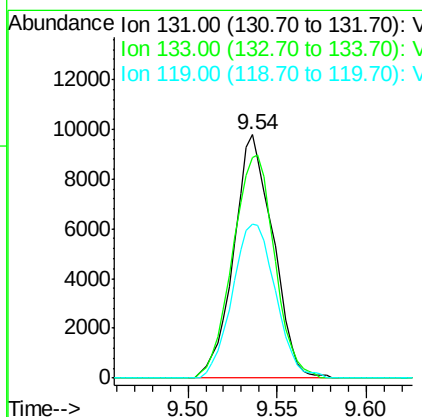
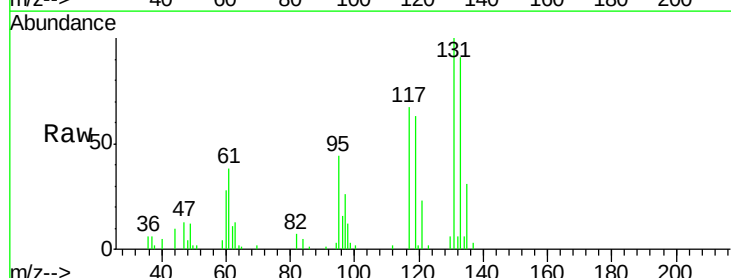
Manual Integrations
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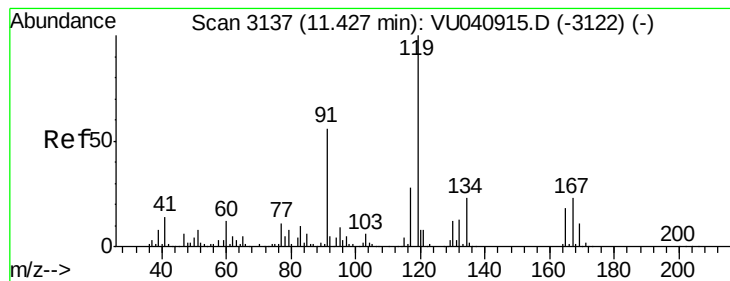
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.025 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion:131 Resp: 14999
Ion Ratio Lower Upper
131 100
133 97.3 77.4 116.0
119 69.5 53.5 80.3





#61

Pentachloroethane

Concen: 1.241 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:117 Resp: 12827

Ion Ratio Lower Upper

117 100

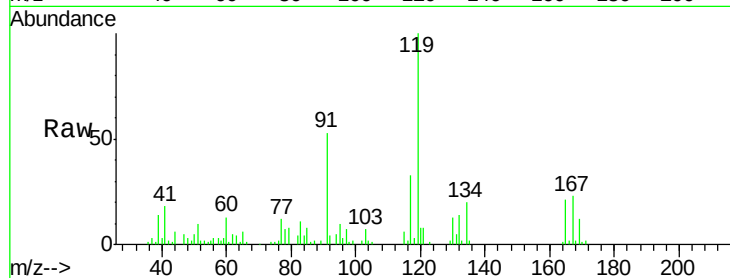
167 69.9 59.4 89.2

Manual Integrations

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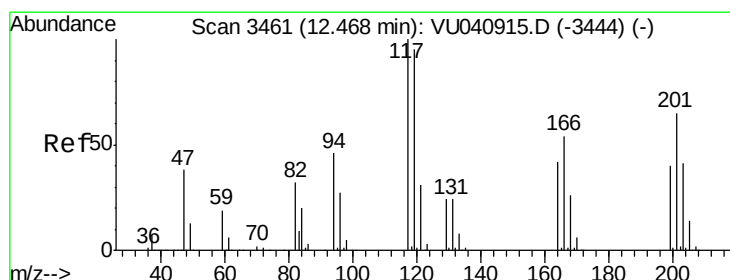
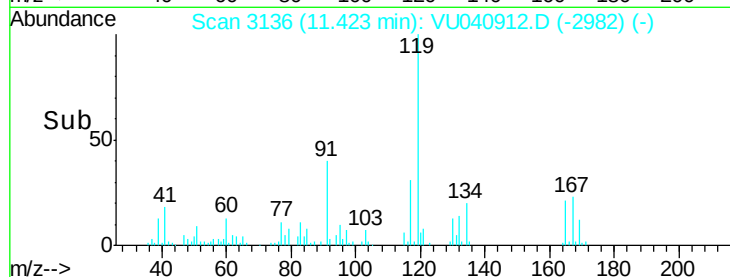
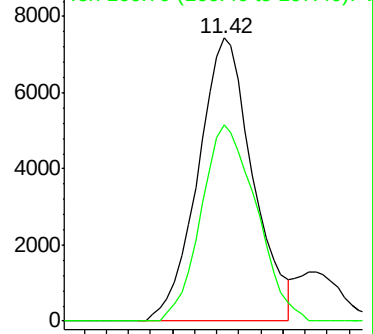
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 0.972 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU040912.D

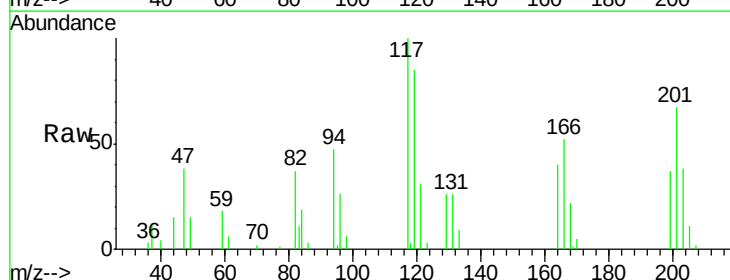
Acq: 22 Oct 2020 19:03

Tgt Ion:117 Resp: 12310

Ion Ratio Lower Upper

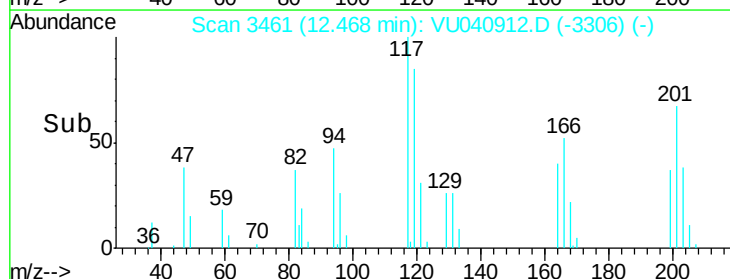
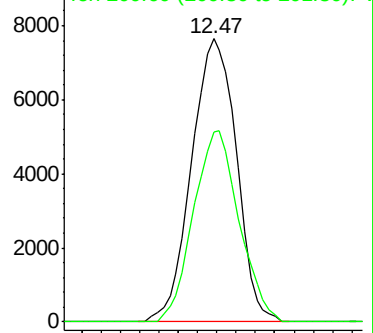
117 100

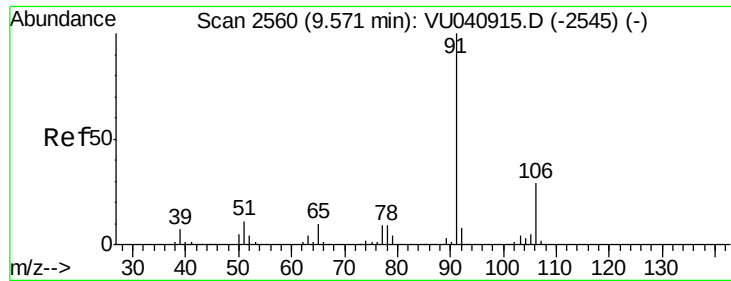
201 68.7 52.6 78.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





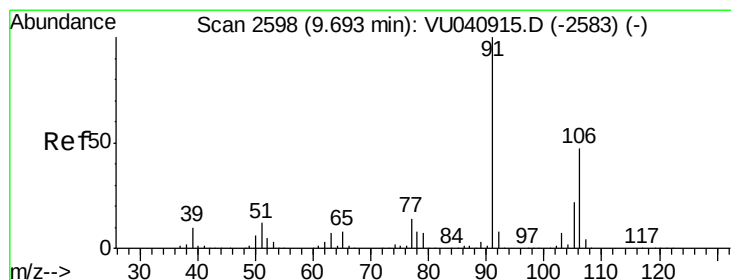
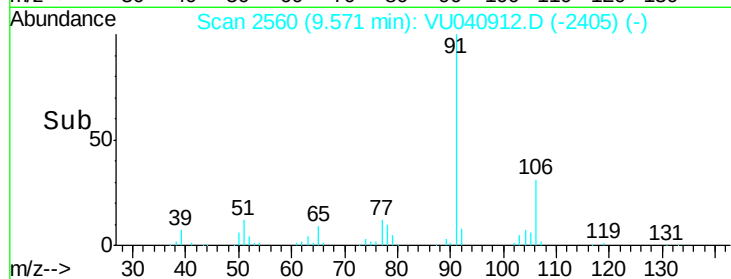
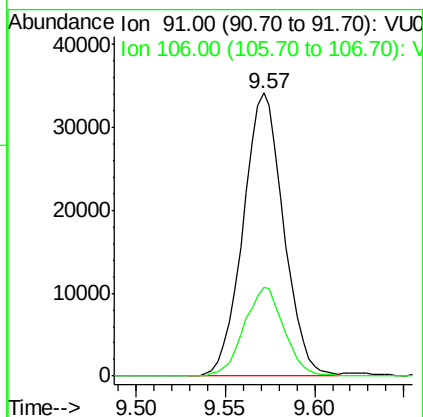
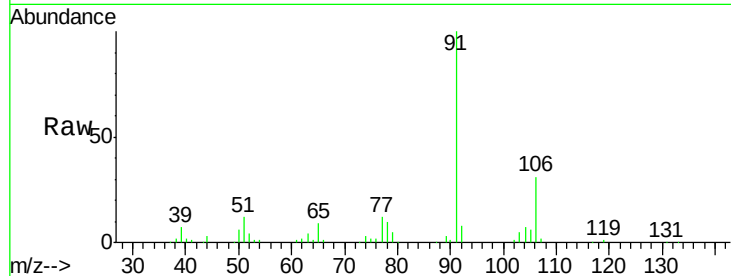
#63
Ethyl Benzene
Concen: 0.797 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion: 91 Resp: 54197
Ion Ratio Lower Upper
91 100
106 31.3 23.5 35.3

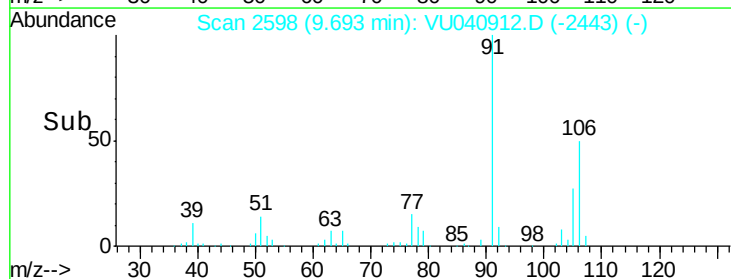
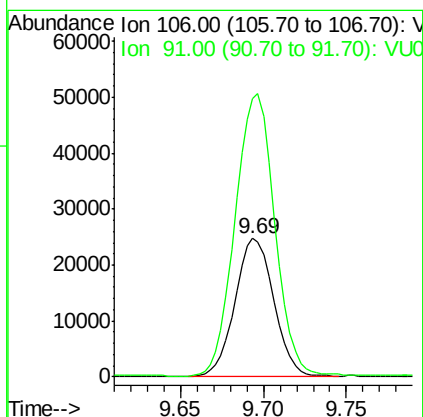
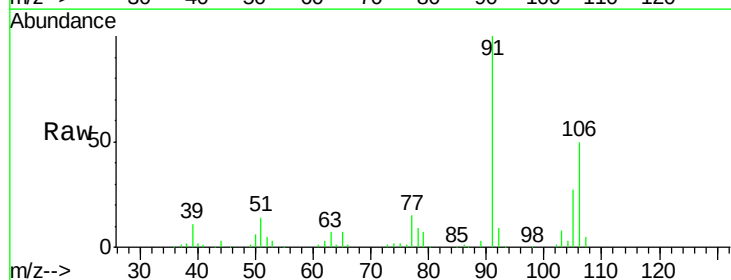
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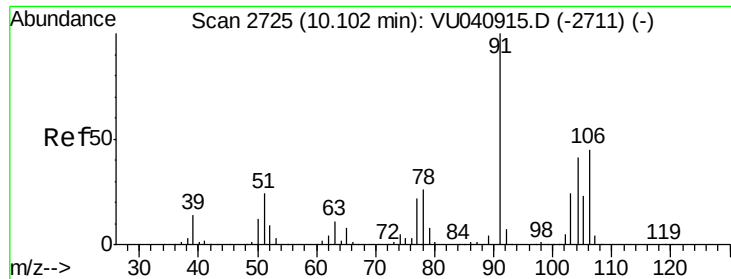
MMDadoda
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#64
m/p-Xylenes
Concen: 1.583 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion: 106 Resp: 40498
Ion Ratio Lower Upper
106 100
91 207.6 168.3 252.5





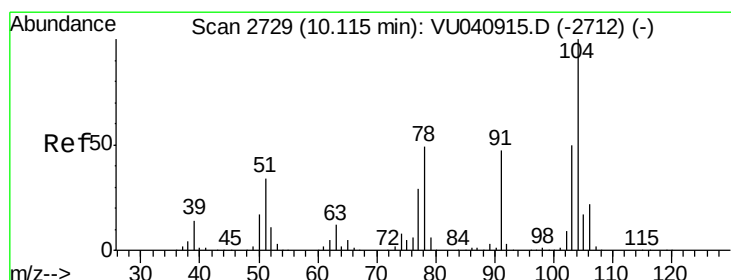
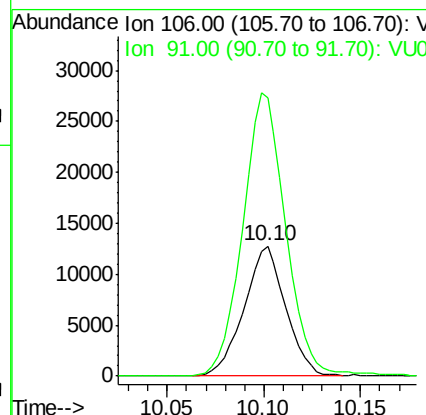
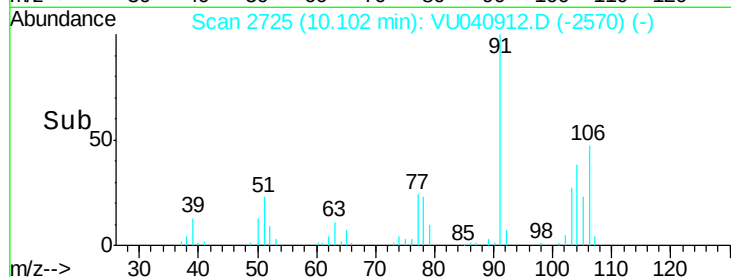
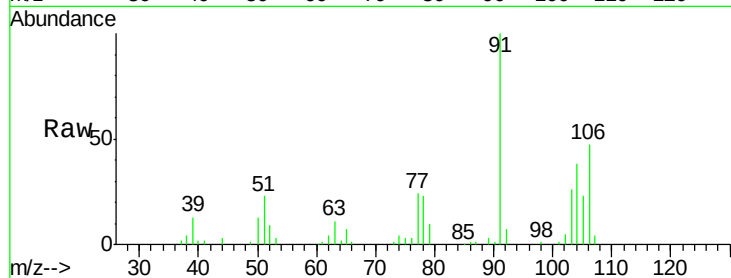
#65
o-Xylene
Concen: 0.778 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 19050
Ion Ratio Lower Upper
106 100
91 225.3 111.3 333.9

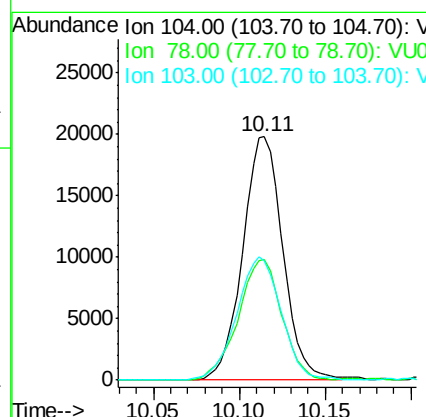
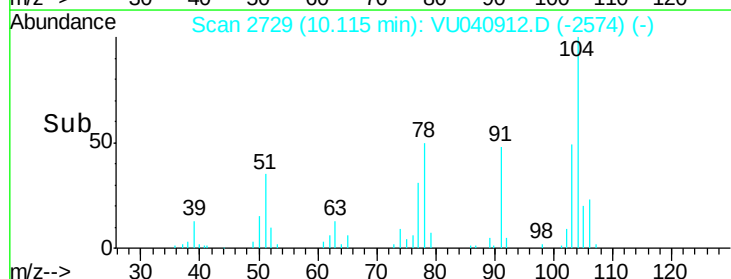
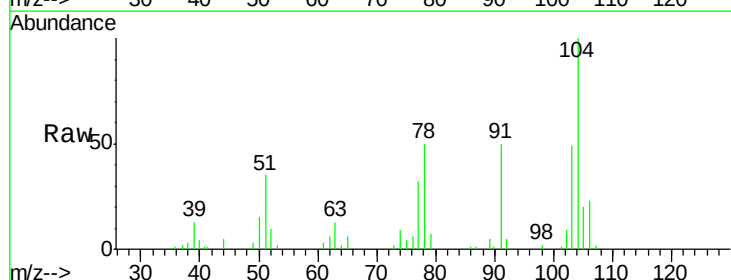
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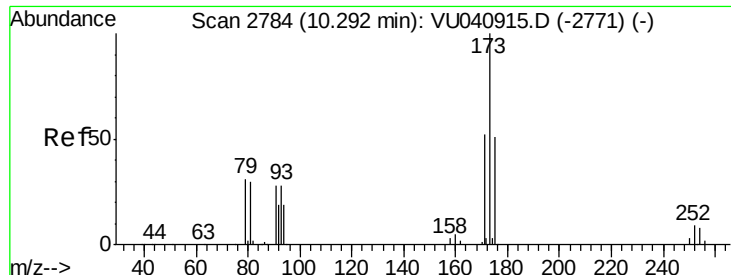
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#66
Styrene
Concen: 0.746 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion:104 Resp: 32153
Ion Ratio Lower Upper
104 100
78 53.8 43.4 65.0
103 56.1 43.1 64.7





#67

Bromoform

Concen: 1.067 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

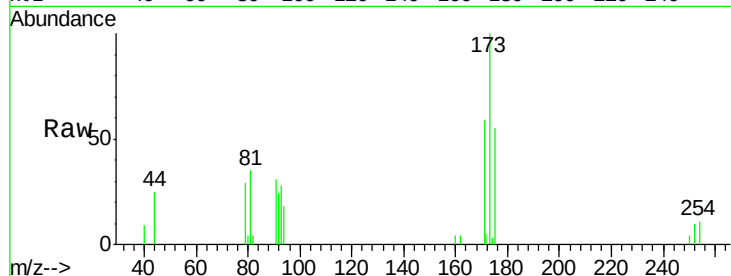
ClientSampleId :

VSTDIC001

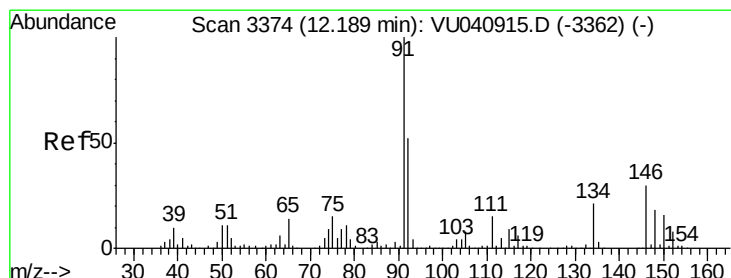
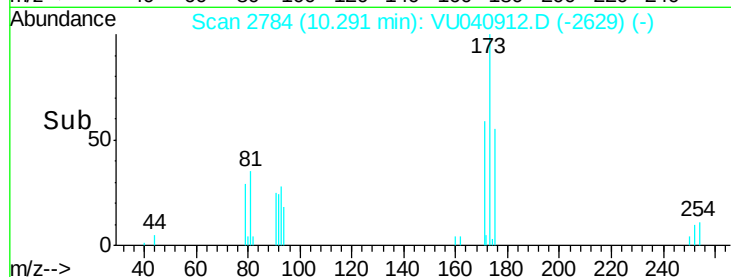
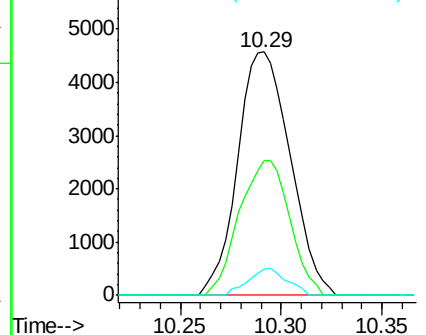
Tot Ion:	173	Resp:	8321
Ion Ratio	Lower	Upper	
173	100		
175	53.2	39.0	58.4
254	8.3	6.6	9.8

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



#68

1,2-Dichlorobenzene-d4

Concen: 0.968 ug/l

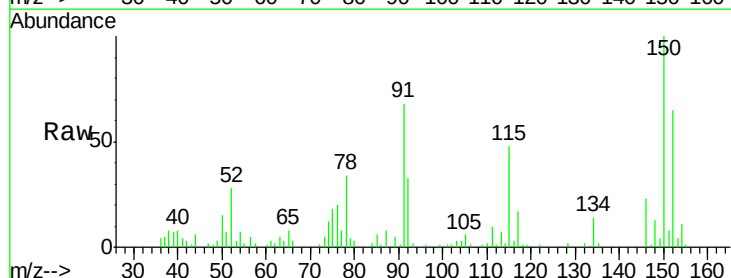
RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

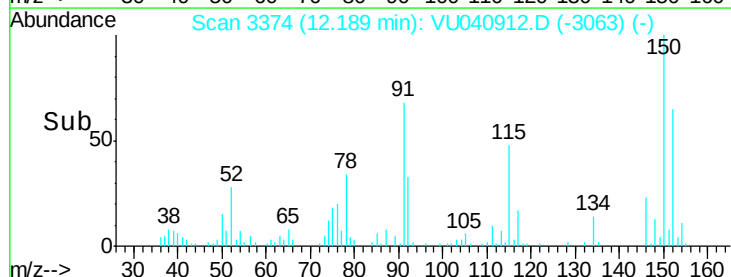
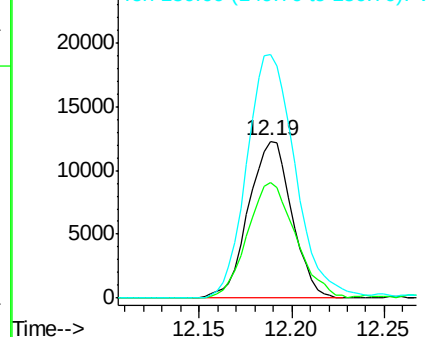
Lab File: VU040912.D

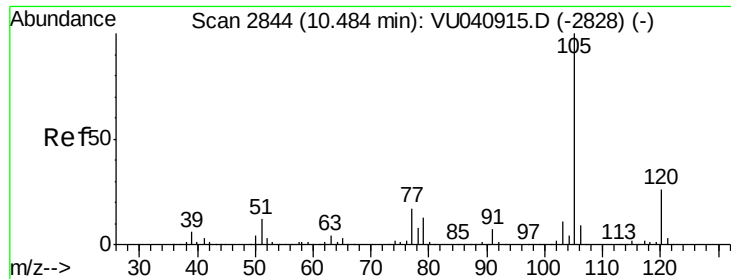
Acq: 22 Oct 2020 19:03

Tgt Ion:	152	Resp:	19953
Ion Ratio	Lower	Upper	
152	100		
115	81.7	0.0	323.4
150	173.9	0.0	653.8



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





#69

Isopropylbenzene

Concen: 0.781 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 105 Resp: 52253

Ion Ratio Lower Upper

105 100

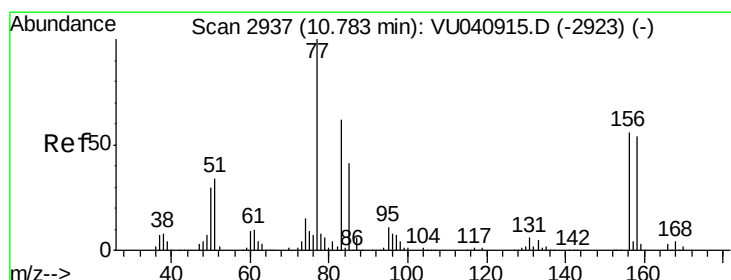
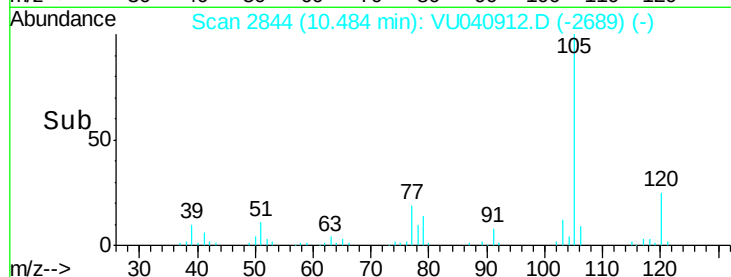
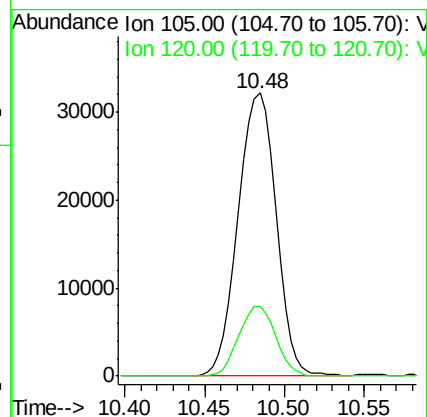
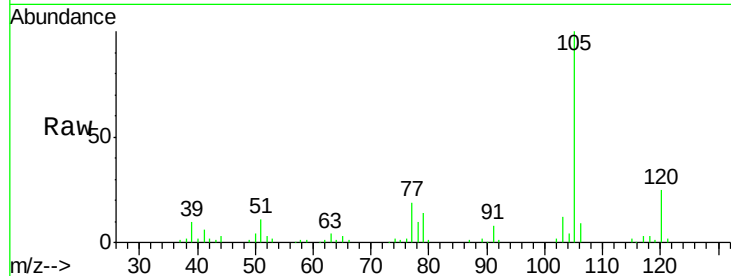
120 23.8 12.9 38.6

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#70

1,1,2,2-Tetrachloroethane

Concen: 1.102 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

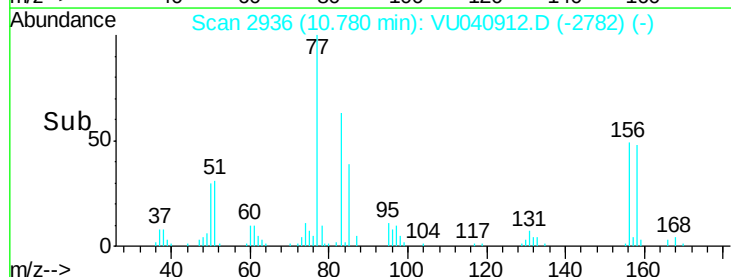
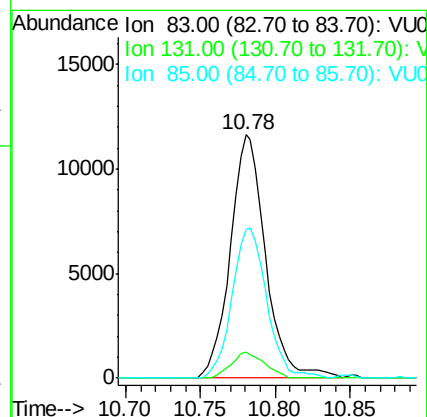
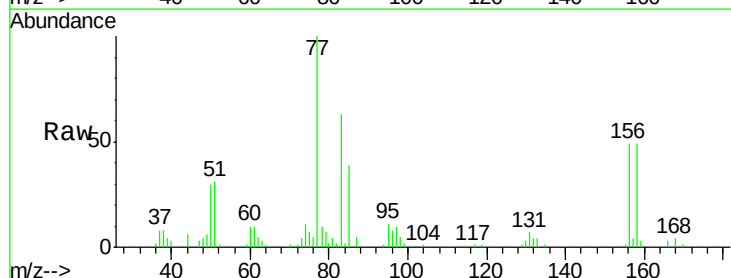
Tgt Ion: 83 Resp: 19036

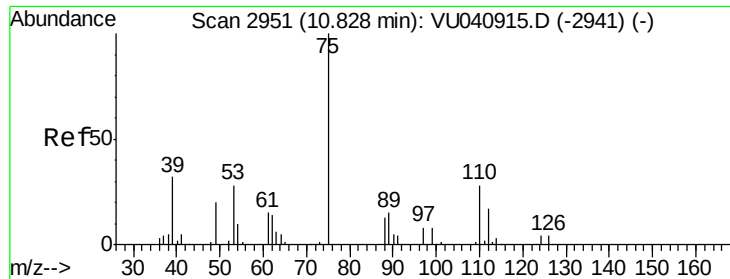
Ion Ratio Lower Upper

83 100

131 10.0 7.1 10.7

85 60.7 51.8 77.6





#71

1,2,3-Trichloropropane

Concen: 0.886 ug/l m

RT: 10.83 min Scan# 2951

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

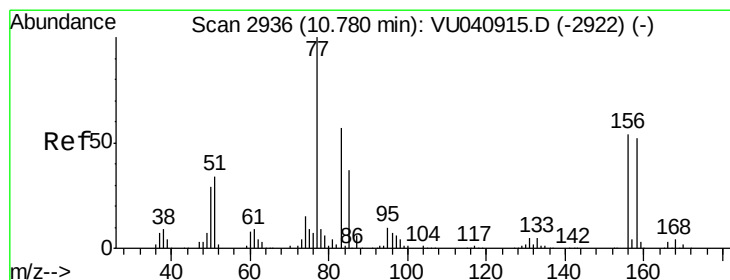
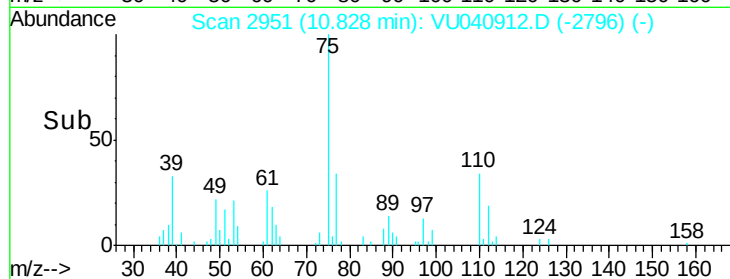
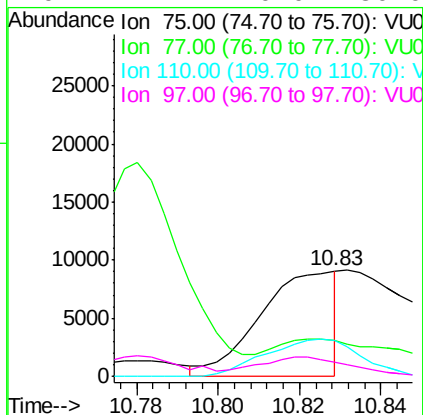
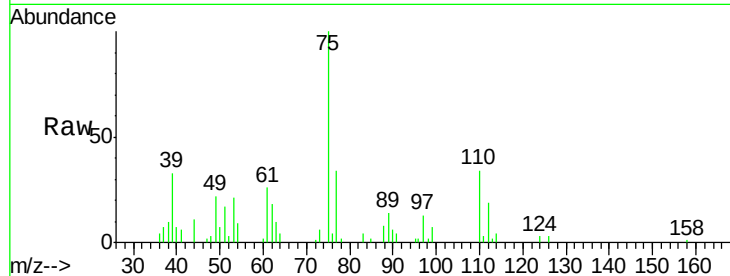
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	11760
Ion	Ratio	Lower	Upper
75	100		
77	61.2	0.0	110.8
110	43.9	0.0	73.4
97	22.1	0.0	36.0

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#72

Bromobenzene

Concen: 0.928 ug/l

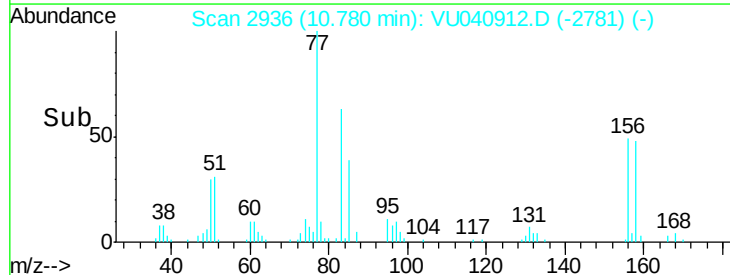
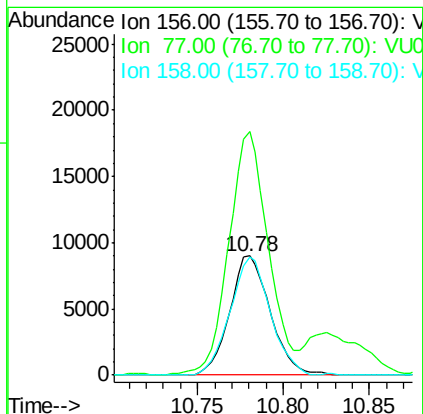
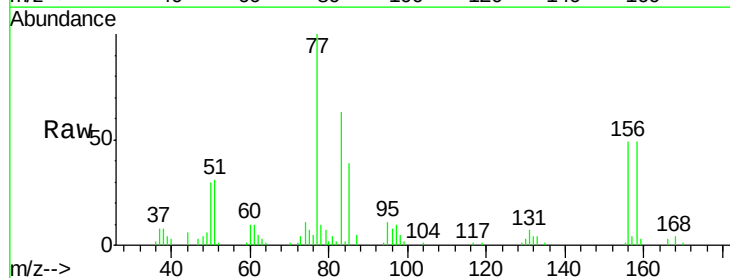
RT: 10.78 min Scan# 2936

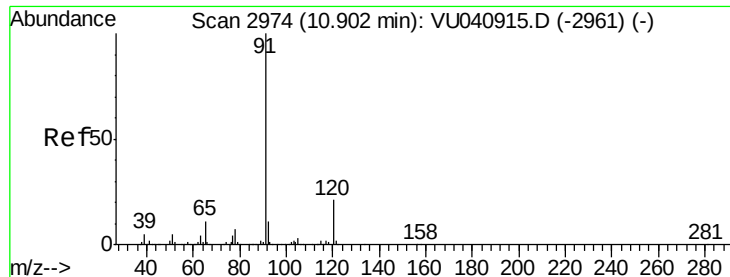
Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Tgt Ion:	156	Resp:	14719
Ion	Ratio	Lower	Upper
156	100		
77	198.1	0.0	370.2
158	98.4	0.0	193.2





#73

n-propylbenzene

Concen: 0.755 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:120 Resp: 14049

Ion Ratio Lower Upper

120 100

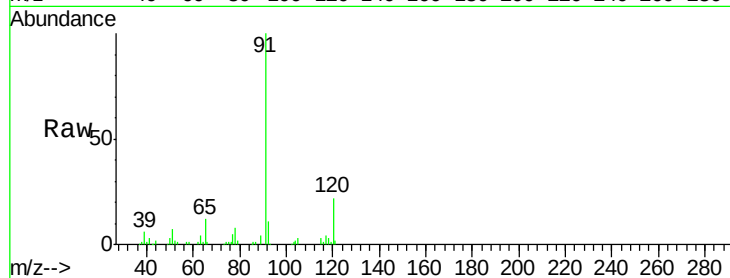
91 481.8 370.8 556.2

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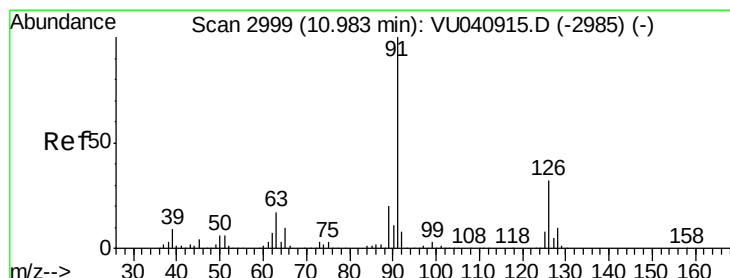
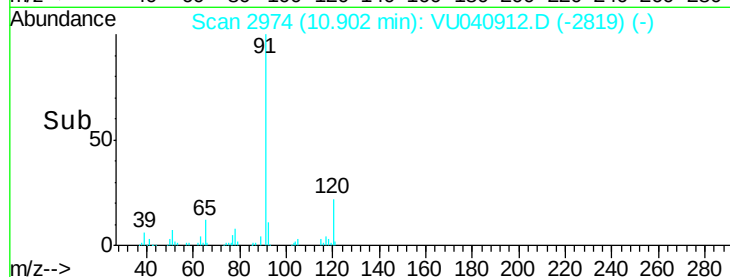
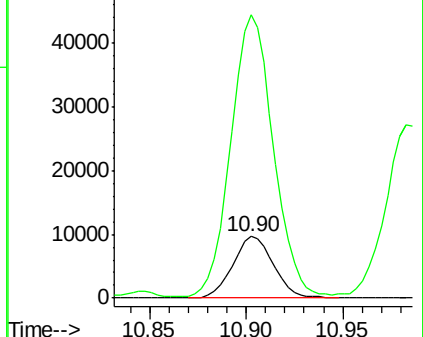
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 0.889 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU040912.D

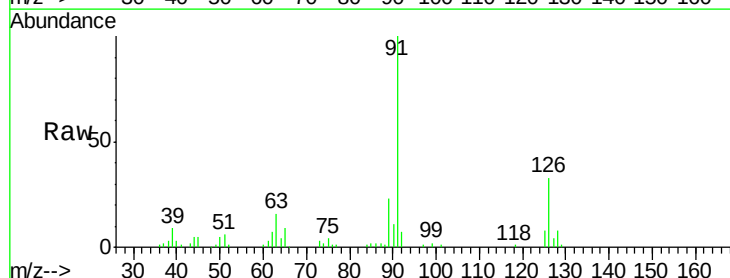
Acq: 22 Oct 2020 19:03

Tgt Ion:126 Resp: 14432

Ion Ratio Lower Upper

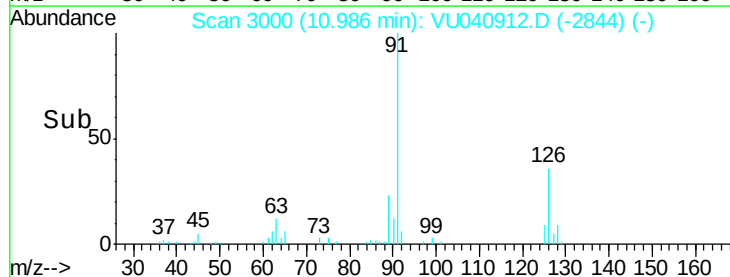
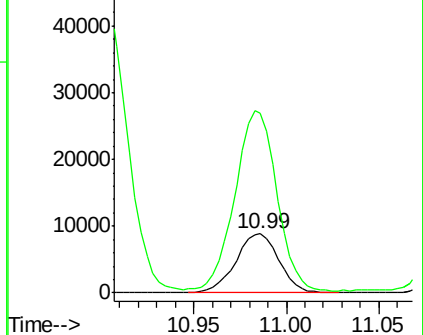
126 100

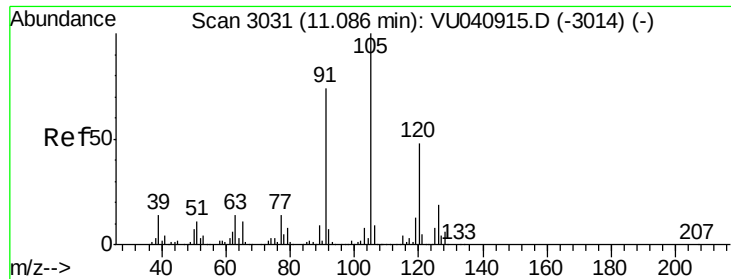
91 296.2 0.0 633.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 0.728 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 42756

Ion Ratio Lower Upper

105 100

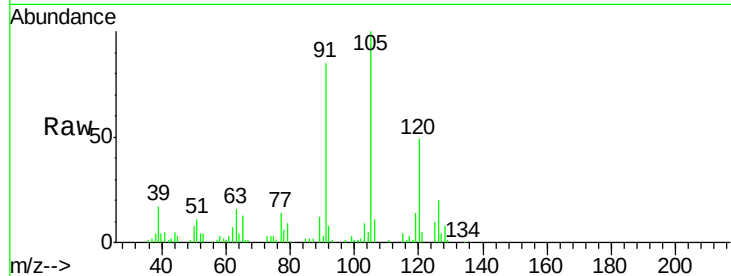
120 49.2 38.7 58.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.09

30000

25000

20000

15000

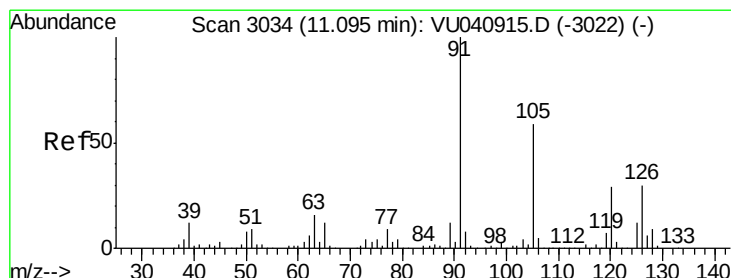
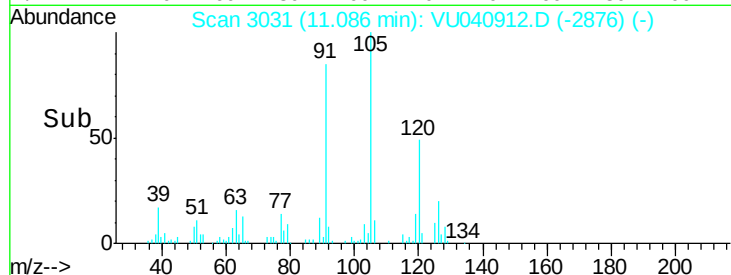
10000

5000

0

Time-->

11.05 11.10 11.15



#76

4-Chlorotoluene

Concen: 0.801 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040912.D

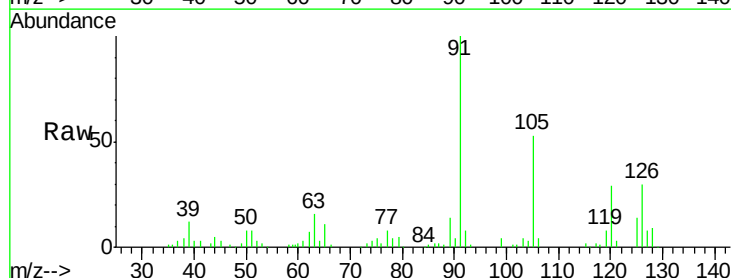
Acq: 22 Oct 2020 19:03

Tgt Ion:126 Resp: 13986

Ion Ratio Lower Upper

126 100

91 347.6 0.0 730.4



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

11.10

30000

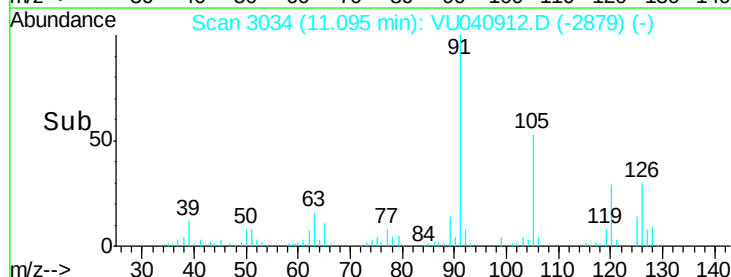
20000

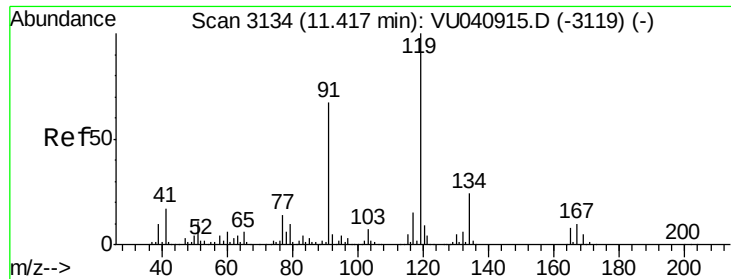
10000

0

Time-->

11.05 11.10 11.15





#77

tert-Butylbenzene

Concen: 0.822 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

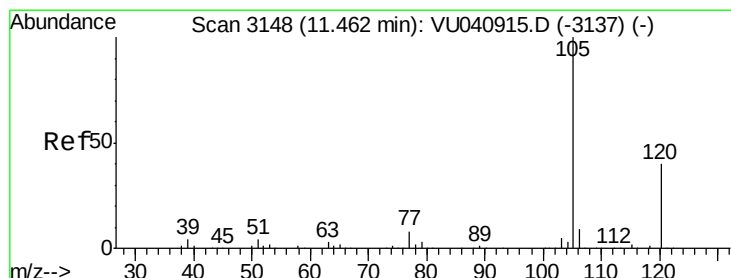
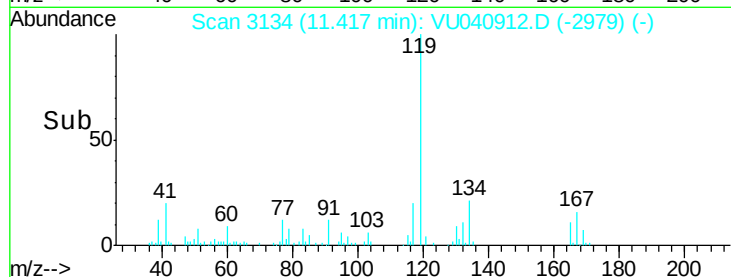
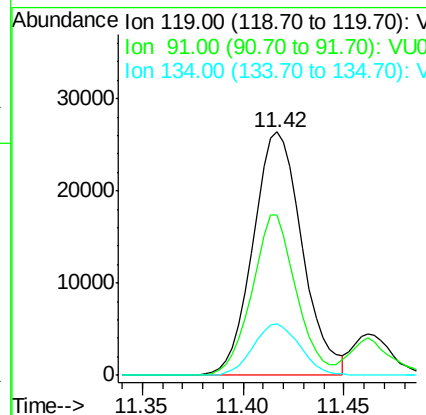
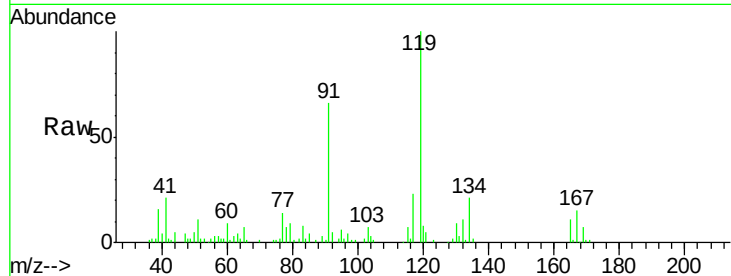
ClientSampleId :

VSTDIC001

Tot Ion:119	Resp:	44975
Ion Ratio	Lower	Upper
119 100		
91 58.9	32.0	96.2
134 20.0	18.4	27.6

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#78

1,2,4-Trimethylbenzene

Concen: 0.692 ug/l

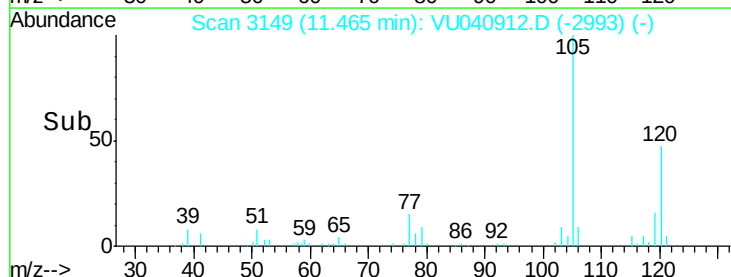
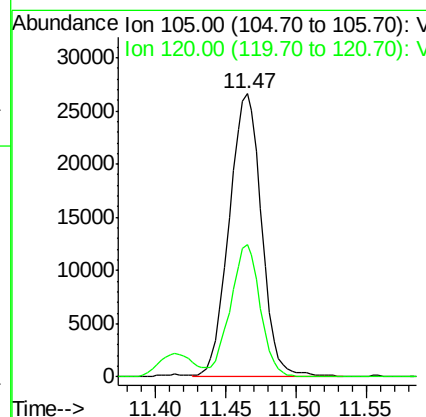
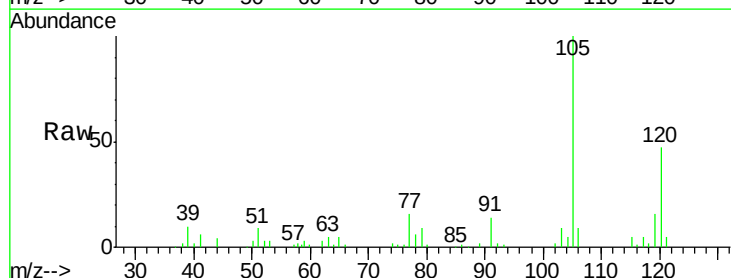
RT: 11.47 min Scan# 3149

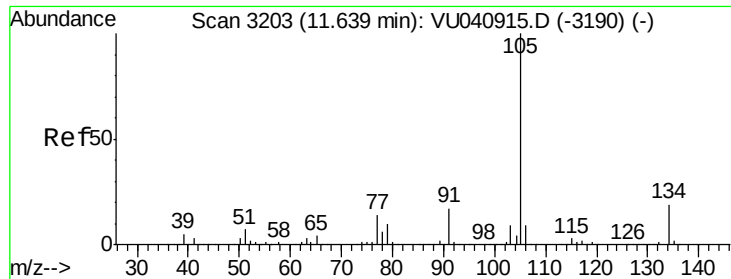
Delta R.T. 0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Tgt Ion:105	Resp:	42687
Ion Ratio	Lower	Upper
105 100		
120 43.2	22.6	67.8





#79

sec-Butylbenzene

Concen: 0.746 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

Tot Ion: 105 Resp: 58791

Ion Ratio Lower Upper

105 100

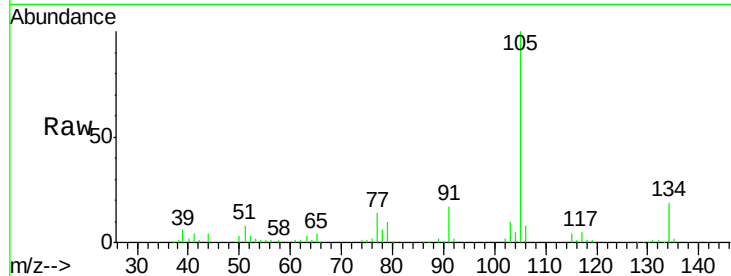
134 18.2 15.4 23.0

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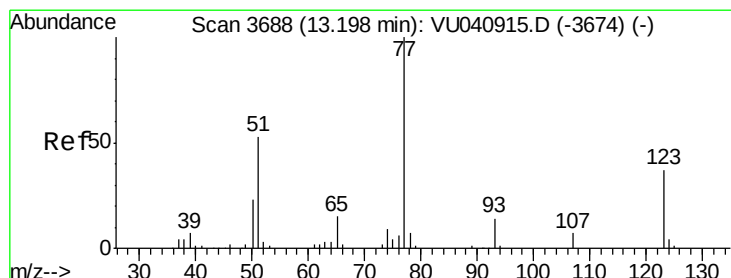
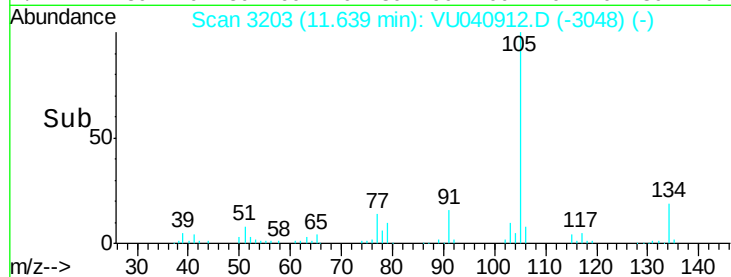
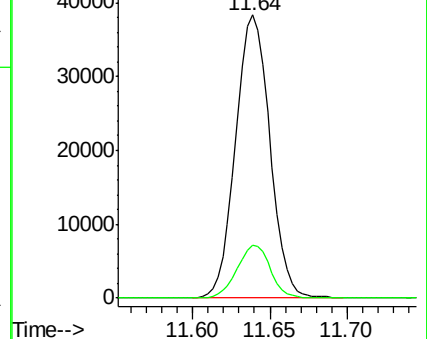
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 5.417 ug/l

RT: 13.21 min Scan# 3692

Delta R.T. 0.01 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

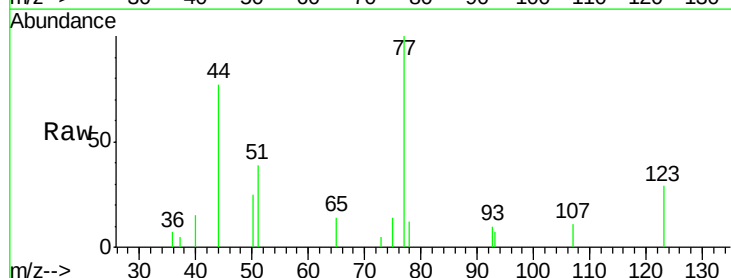
Tgt Ion: 77 Resp: 3876

Ion Ratio Lower Upper

77 100

123 38.7 16.8 59.4

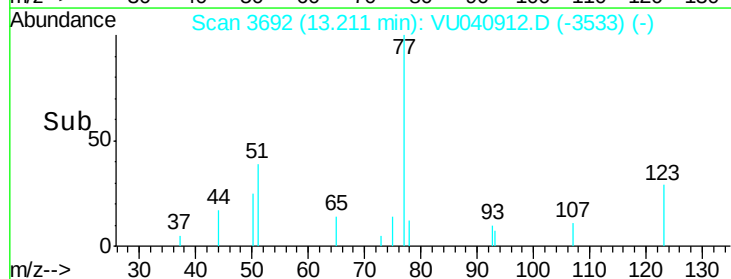
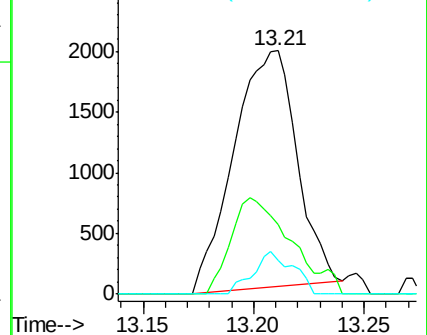
65 11.3 11.0 14.0

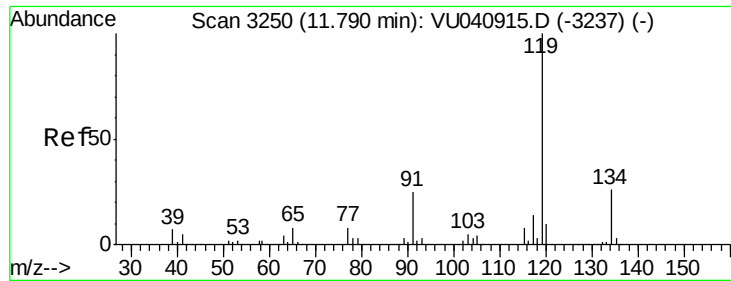


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





#81

p-Isopropyltoluene

Concen: 0.757 ug/l

RT: 11.79 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Instrument :

MSVOA_U

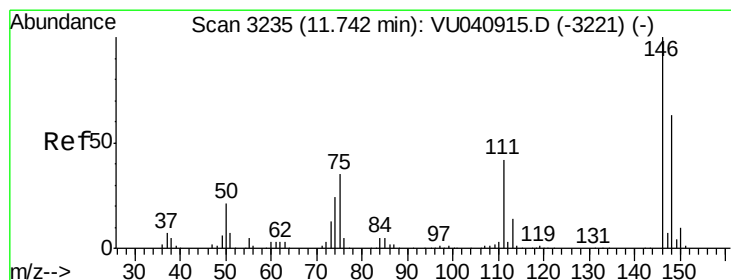
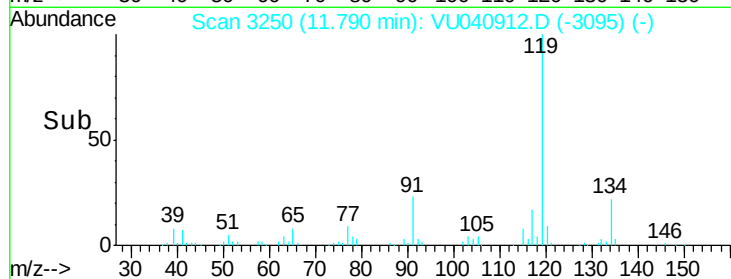
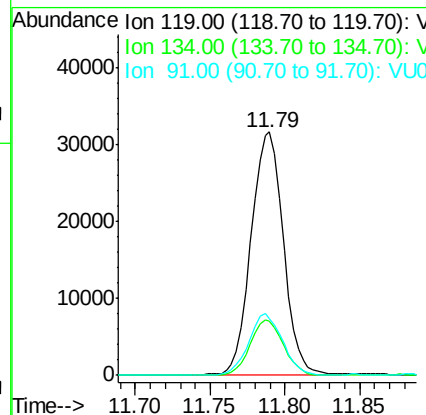
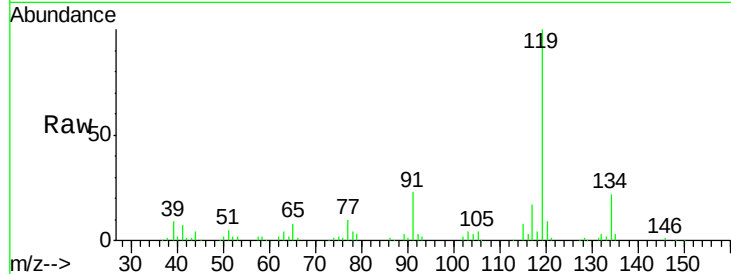
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	47851
Ion Ratio	Lower	Upper	
119	100		
134	23.3	20.4	30.6
91	26.3	20.4	30.6

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#82

1,3-Dichlorobenzene

Concen: 0.948 ug/l

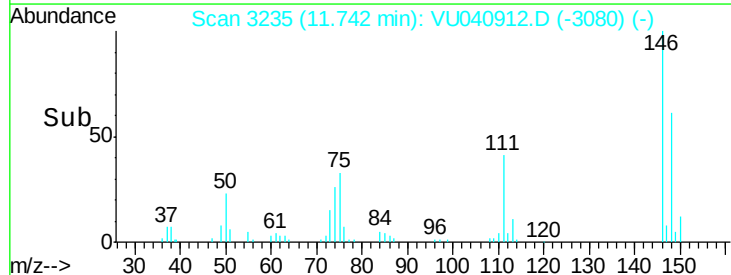
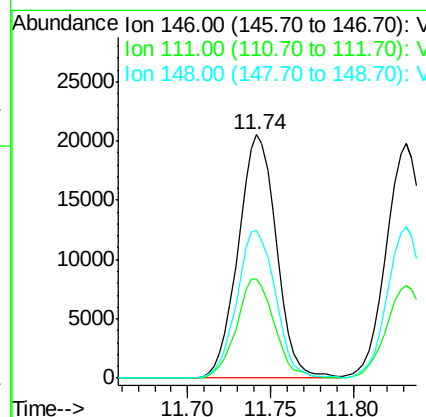
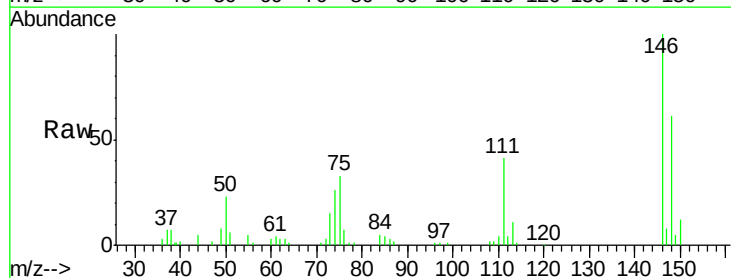
RT: 11.74 min Scan# 3235

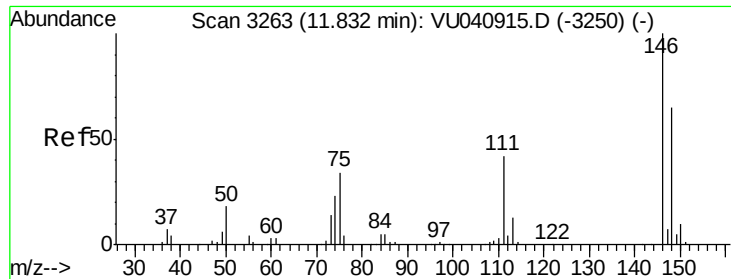
Delta R.T. -0.00 min

Lab File: VU040912.D

Acq: 22 Oct 2020 19:03

Tgt Ion:	146	Resp:	32886
Ion Ratio	Lower	Upper	
146	100		
111	40.3	33.6	50.4
148	61.4	50.1	75.1





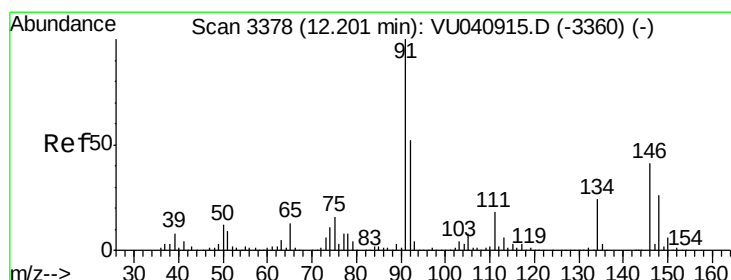
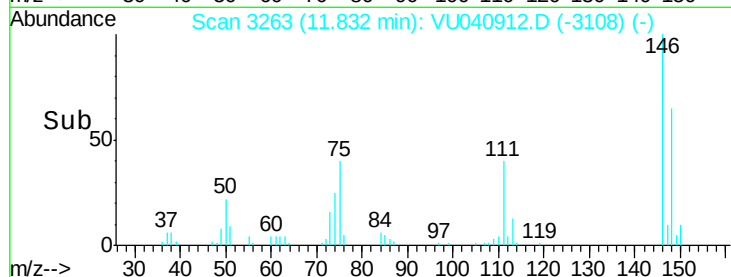
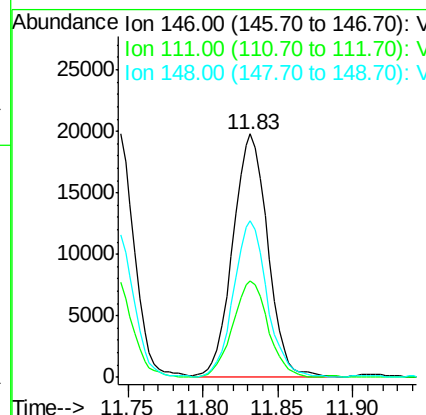
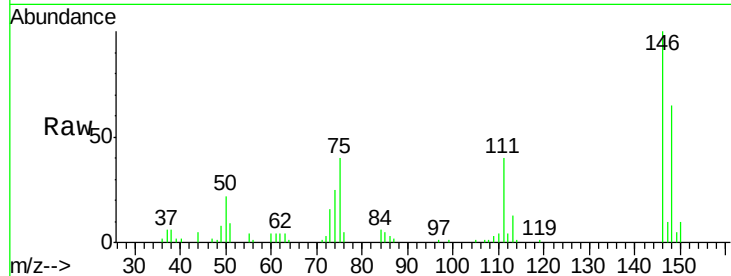
#83
 1,4-Dichlorobenzene
 Concen: 0.941 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	33.7	50.5
148	61.6	50.6	75.8

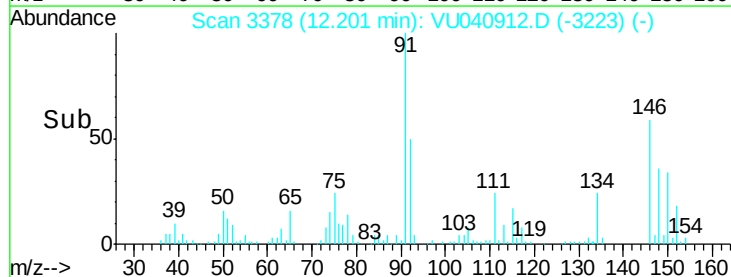
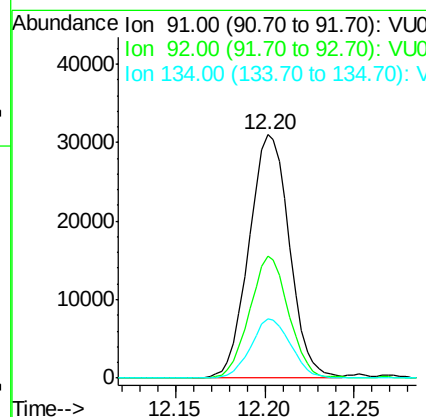
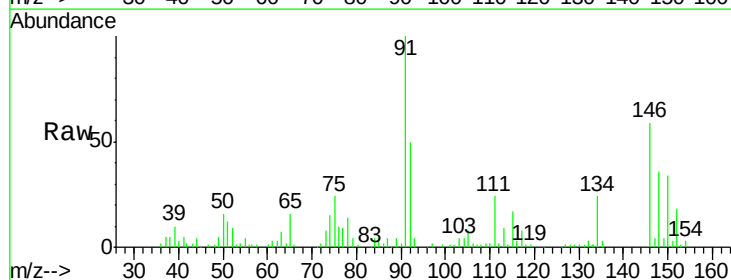
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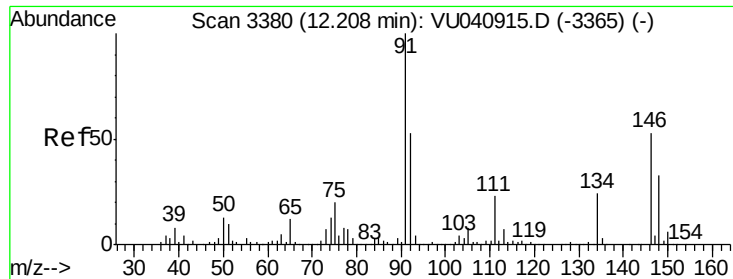
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#84
 n-Butylbenzene
 Concen: 0.762 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
91	100		
92	48.3	41.7	62.5
134	23.9	18.6	28.0





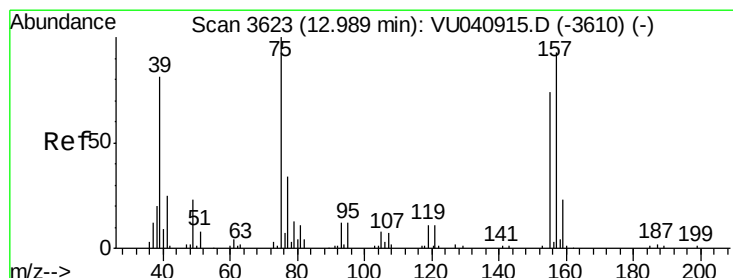
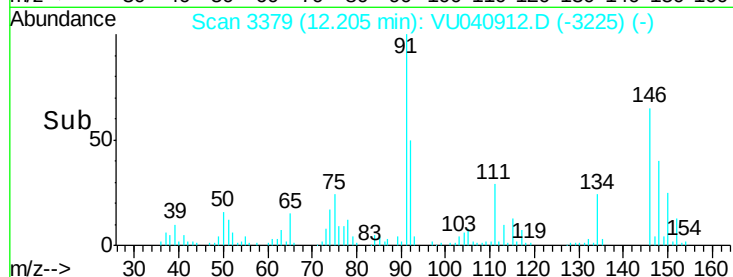
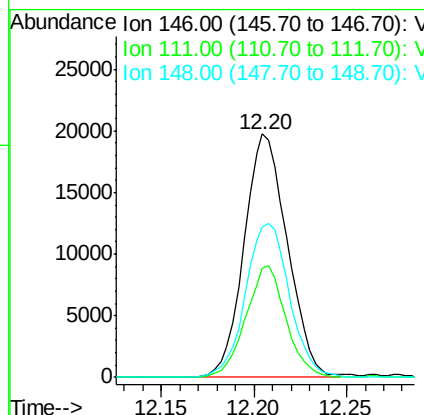
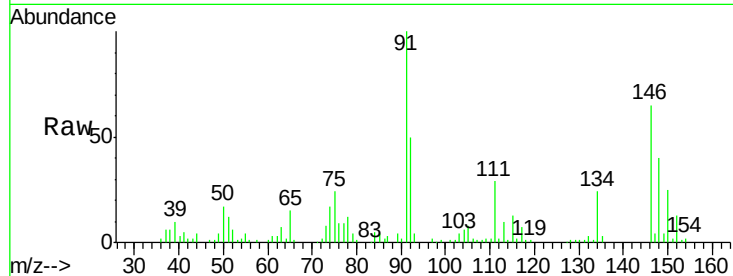
#85
 1,2-Dichlorobenzene
 Concen: 0.962 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
111	42.5	22.3	66.9		
148	64.2	31.5	94.5		

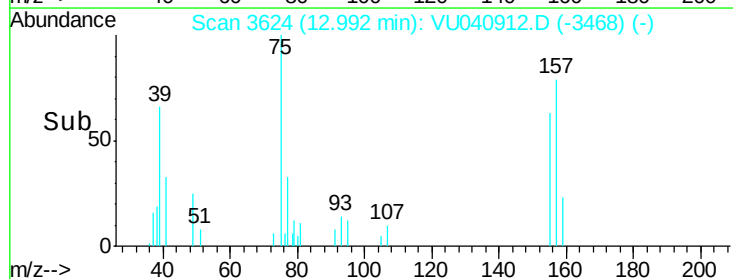
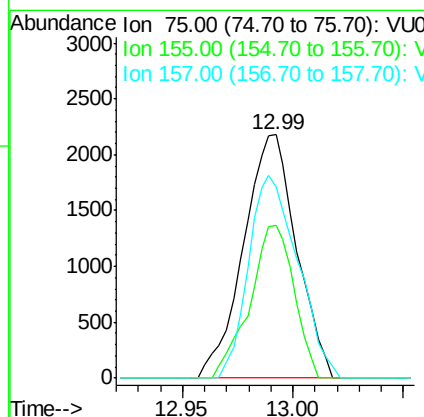
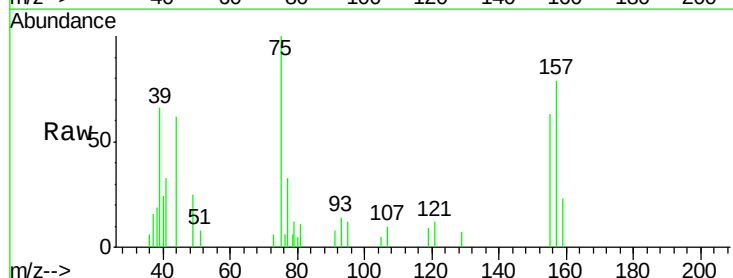
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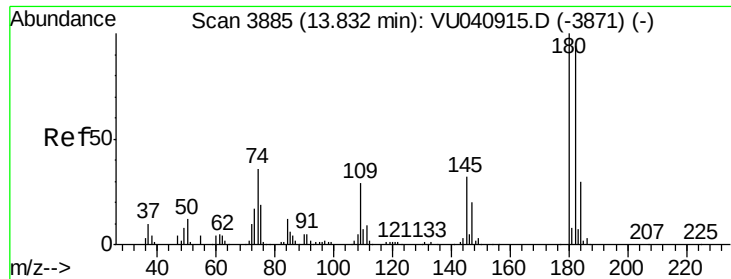
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 10/26/2020 4:14:44 PM



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.148 ug/l
 RT: 12.99 min Scan# 3624
 Delta R.T. 0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
75	100				
155	52.3	57.1	85.7#		
157	77.2	72.4	108.6		





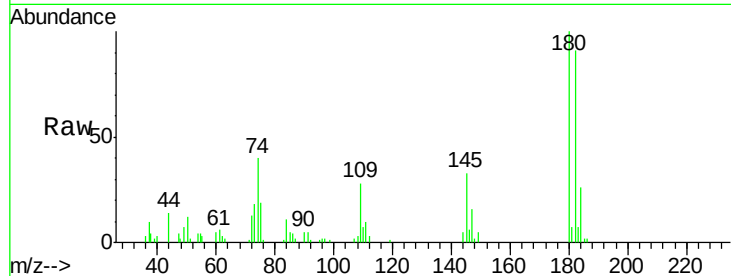
#87
 1,2,4-Trichlorobenzene
 Concen: 0.931 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

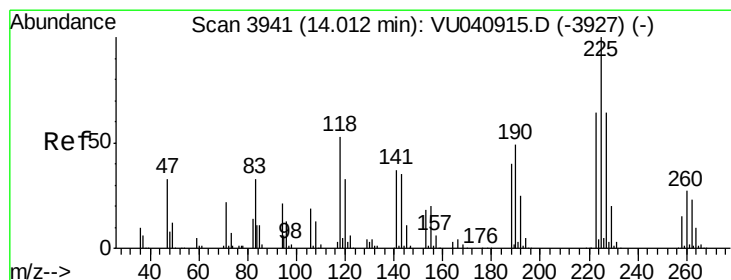
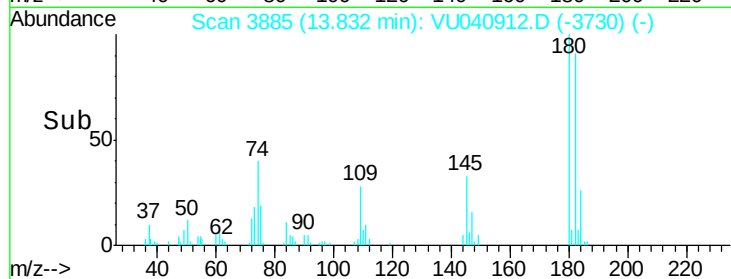
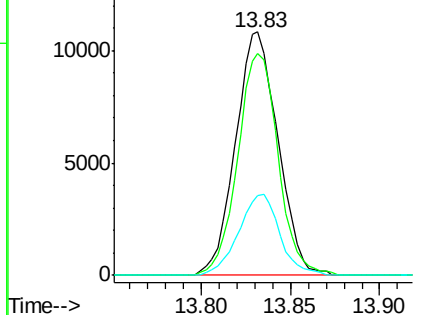
Tot Ion:	180	Resp:	17926
Ion Ratio	Lower	Upper	
180	100		
182	86.8	75.4	113.2
145	32.3	25.4	38.0

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 10/26/2020 4:14:44 PM

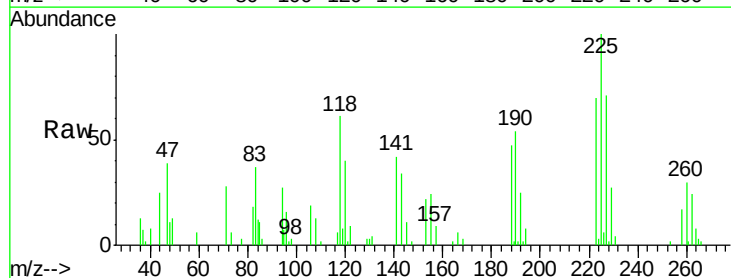


Abundance Ion 179.70 (179.40 to 180.40): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

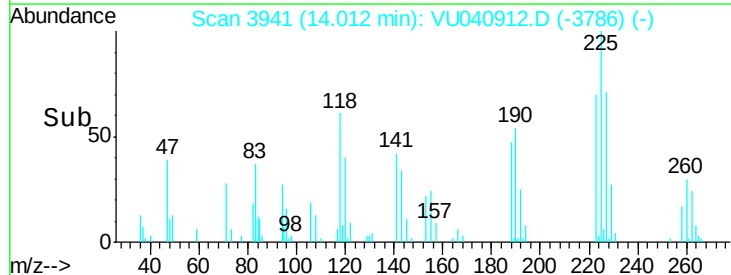
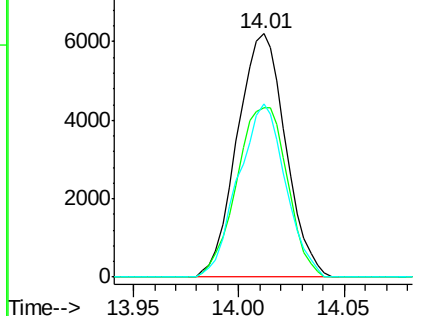


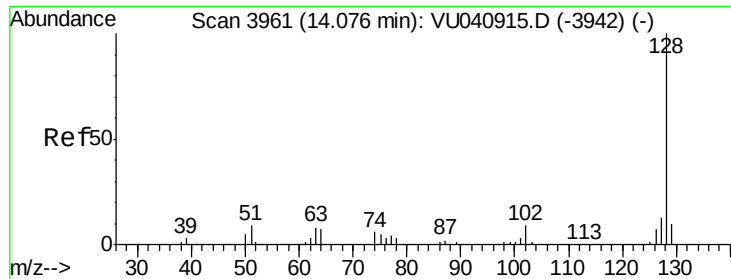
#88
 Hexachlorobutadiene
 Concen: 0.982 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040912.D
 Acq: 22 Oct 2020 19:03

Tgt Ion:	225	Resp:	9882
Ion Ratio	Lower	Upper	
225	100		
223	73.0	49.9	74.9
227	69.4	51.1	76.7



Abundance Ion 224.60 (224.30 to 225.30): V
 Ion 222.60 (222.30 to 223.30): V
 Ion 226.60 (226.30 to 227.30): V





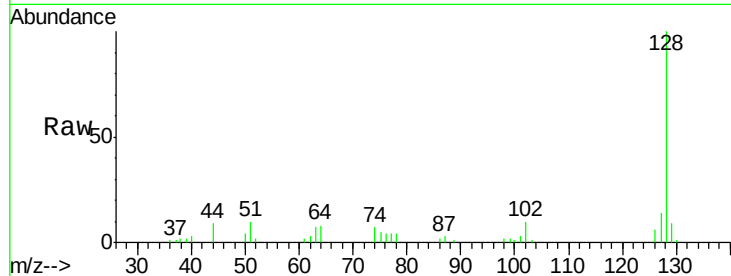
#89
Naphthalene
Concen: 0.773 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. 0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

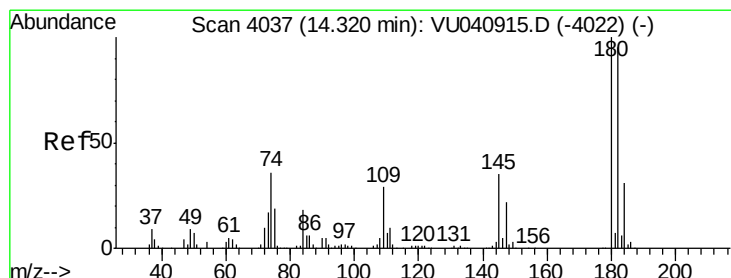
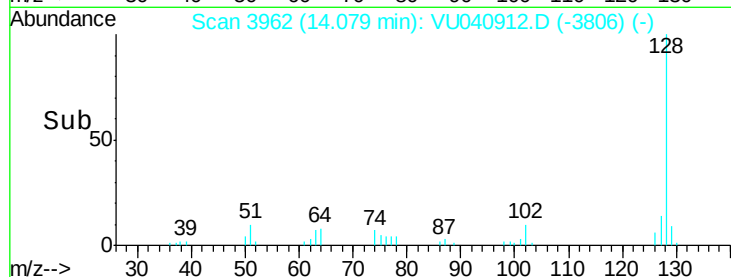
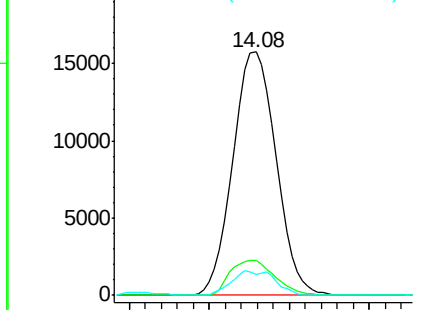
Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.7	16.1
129	9.9	8.6	13.0

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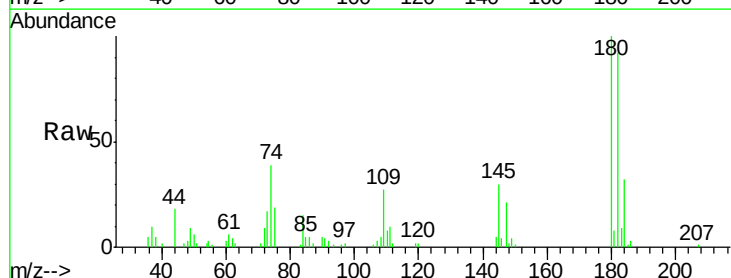


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#90
1,2,3-Trichlorobenzene
Concen: 0.935 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU040912.D
Acq: 22 Oct 2020 19:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	76.0	114.0
145	28.7	28.0	42.0



Abundance Ion 179.70 (179.40 to 180.40): V
Ion 181.70 (181.40 to 182.40): V
Ion 144.80 (144.50 to 145.50): V

