

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040915.D
 Acq On : 22 Oct 2020 20:30
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 4:14:59 PM

Quant Time: Oct 23 06:57:01 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	60716	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	23161	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	22967	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	261605	13.951	ug/l	100
3) Chloromethane	1.53	50	274867	13.810	ug/l	100
4) Vinyl Chloride	1.61	62	263985	13.547	ug/l	100
5) Bromomethane	1.86	94	135040	9.791	ug/l	100
6) Chloroethane	1.94	64	155450	12.322	ug/l	100
7) Trichlorofluoromethane	2.15	101	335071	11.942	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	185150	11.512	ug/l	100
9) 1,1-Dichloroethene	2.59	96	164178	11.960	ug/l	100
10) Iodomethane	2.74	142	206202	18.205	ug/l	100
11) Allyl Chloride	2.94	41	332395	12.153	ug/l	100
12) Acrylonitrile	3.33	53	115244	24.039	ug/l	100
13) Acetone	2.64	43	227169	53.262	ug/l	100
14) Carbon Disulfide	2.81	76	615591	15.098	ug/l	100
15) Methylene Chloride	3.06	84	192635	9.346	ug/l	100
16) trans-1,2-Dichloroethene	3.37	96	183649	12.291	ug/l	100
17) 1,1-Dichloroethane	3.89	63	373457	11.532	ug/l	100
18) 2-Butanone	4.74	43	391725	58.710	ug/l	100
19) Cyclohexane	5.40	56	357169m	12.888	ug/l	
20) Methylcyclohexane	6.77	83	302439	12.199	ug/l	100
21) 2,2-Dichloropropane	4.68	77	302482	10.063	ug/l	100
22) cis-1,2-Dichloroethene	4.68	96	188172	11.036	ug/l	100
23) Diethyl Ether	2.39	59	161984	12.324	ug/l	100
24) tert-Butyl Alcohol	3.21	59	187709	108.418	ug/l	100
25) Methyl tert-Butyl Ether	3.38	73	506212	11.232	ug/l	100
26) Bromochloromethane	4.99	128	84660	11.349	ug/l	100
27) Chloroform	5.11	83	354197	10.914	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	305965	10.899	ug/l	100
29) 1,1-Dichloropropene	5.54	75	273504	11.343	ug/l	100
30) Carbon Tetrachloride	5.54	117	276292	10.881	ug/l	100
31) Isopropyl Ether	4.02	45	578707	10.618	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	513465	10.462	ug/l	100
33) Tert-Amyl methyl ether	5.96	73	413776	9.759	ug/l	100
34) Propionitrile	4.80	54	104293	61.345	ug/l	100
35) Benzene	5.79	78	770109	11.541	ug/l	100
36) 1,2-Dichloroethane	5.81	62	274504	10.721	ug/l	100
37) Trichloroethene	6.55	130	180529	10.795	ug/l	100
38) 1,2-Dichloropropane	6.80	63	219066	11.366	ug/l	100
39) Methacrylonitrile	5.00	41	99780	11.066	ug/l	100
40) Methyl acrylate	4.87	55	139615	11.982	ug/l	100
41) Tetrahydrofuran	5.08	42	99041	22.644	ug/l	100
42) 1-Chlorobutane	5.47	56	416854	11.663	ug/l	100

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Quant Time: Oct 23 06:57:01 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)
43) Dibromomethane	6.93	93	117999	10.673	ug/l	100
44) Bromodichloromethane	7.12	83	281558	10.632	ug/l	100
45) 4-Methyl-2-Pentanone	7.81	43	893440	58.851	ug/l	100
46) t-1,4-Dichloro-2-butene	10.83	75	130700m	22.764	ug/l	
47) Methyl methacrylate	6.98	69	231288	24.171	ug/l	100
48) Ethyl methacrylate	8.34	69	194475	11.377	ug/l	100
49) Toluene	7.98	92	468626	11.635	ug/l	100
50) t-1,3-Dichloropropene	8.22	75	259078	10.928	ug/l	100
51) cis-1,3-Dichloropropene	7.62	75	282033	10.710	ug/l	100
52) 1,1,2-Trichloroethane	8.41	97	155254	10.949	ug/l	100
53) 1,3-Dichloropropane	8.58	76	283069	11.114	ug/l	100
54) 2-Hexanone	8.69	43	621303	56.875	ug/l	100
55) Dibromochloromethane	8.82	129	182192	11.041	ug/l	100
56) 1,2-Dibromoethane	8.93	107	146050	11.015	ug/l	100
58) Tetrachloroethene	8.56	164	166358	10.337	ug/l	100
59) Chlorobenzene	9.45	112	469817	10.721	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	175464	10.887	ug/l	100
61) Pentachloroethane	11.43	117	138845	12.194	ug/l	100
62) Hexachloroethane	12.47	117	149907	10.744	ug/l	100
63) Ethyl Benzene	9.57	91	852769	11.385	ug/l	100
64) m/p-Xylenes	9.69	106	675497	23.976	ug/l	100
65) o-Xylene	10.10	106	305985	11.341	ug/l	100
66) Styrene	10.11	104	559246	11.788	ug/l	100
67) Bromoform	10.29	173	101619	11.835	ug/l	100
69) Isopropylbenzene	10.48	105	807771	10.958	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	213064	11.205	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	178034m	12.181	ug/l	
72) Bromobenzene	10.78	156	193800	11.094	ug/l	100
73) n-propylbenzene	10.90	120	237951	11.618	ug/l	100
74) 2-Chlorotoluene	10.98	126	199892	11.184	ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	736023	11.384	ug/l	100
76) 4-Chlorotoluene	11.10	126	214483	11.149	ug/l	100
77) tert-Butylbenzene	11.42	119	664960	11.041	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	760621	11.189	ug/l	100
79) sec-Butylbenzene	11.64	105	945437	10.900	ug/l	100
80) Nitrobenzene	13.20	77	54327	68.946	ug/l	100
81) p-Isopropyltoluene	11.79	119	803314	11.541	ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	408530	10.690	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	407583	10.755	ug/l	100
84) n-Butylbenzene	12.20	91	800254	11.275	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	393756	10.728	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	38730	11.106	ug/l	100
87) 1,2,4-Trichlorobenzene	13.83	180	243991	11.508	ug/l	100
88) Hexachlorobutadiene	14.01	225	129077	11.647	ug/l	100
89) Naphthalene	14.08	128	529691	12.807	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	249662	12.419	ug/l	100

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

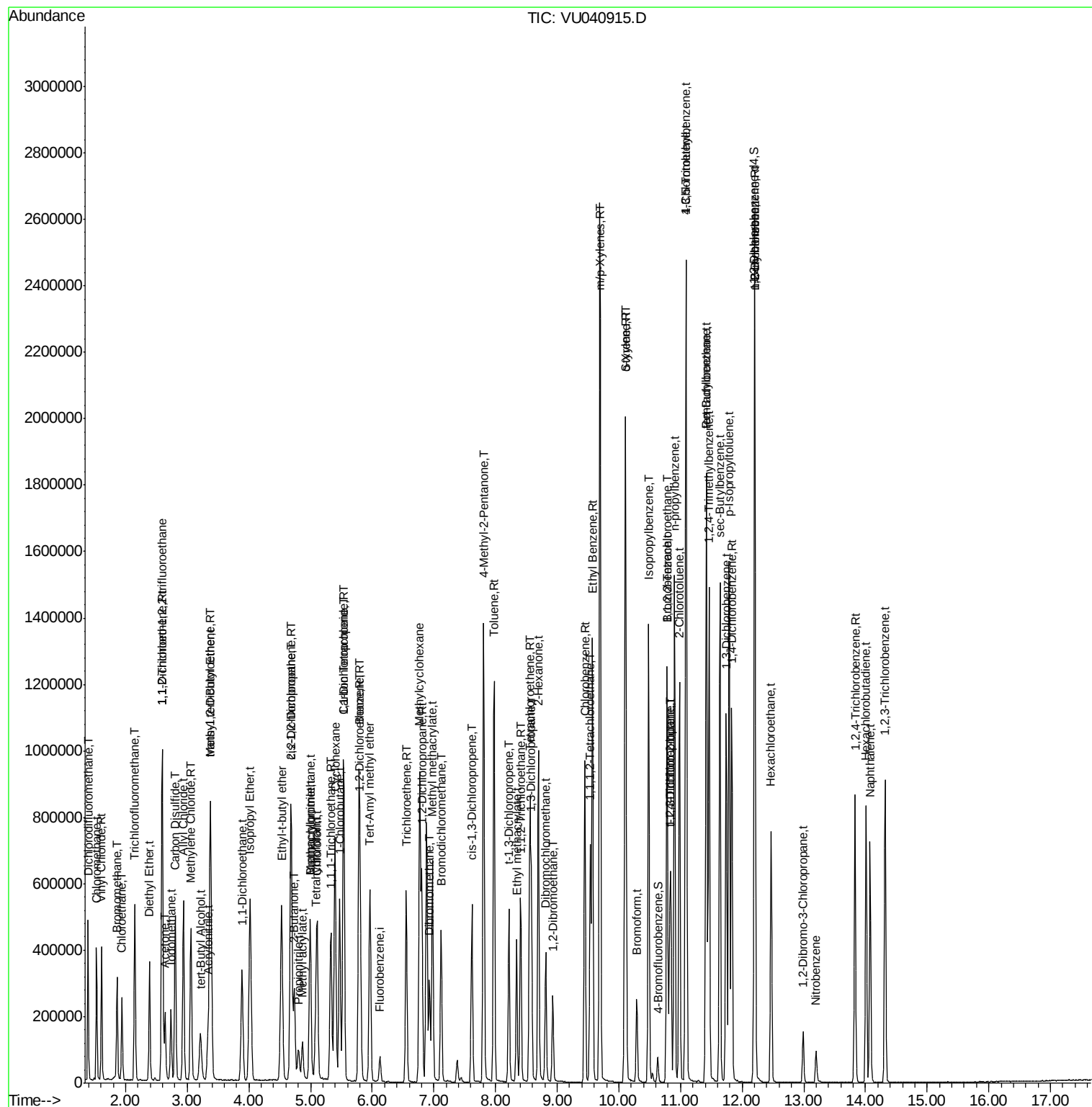
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU102220\
Data File : VU040915.D
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Operator : SY/MD
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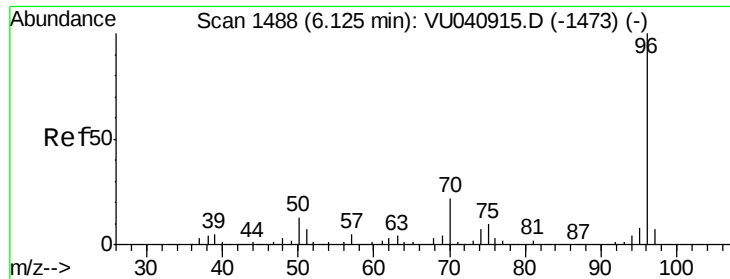
Instrument :
MSVOA_U
ClientSampleId :
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Response via : Initial Calibration





#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

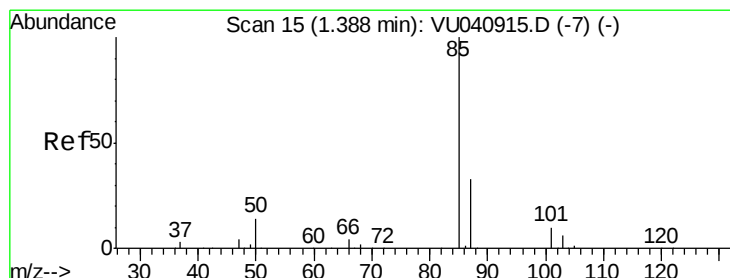
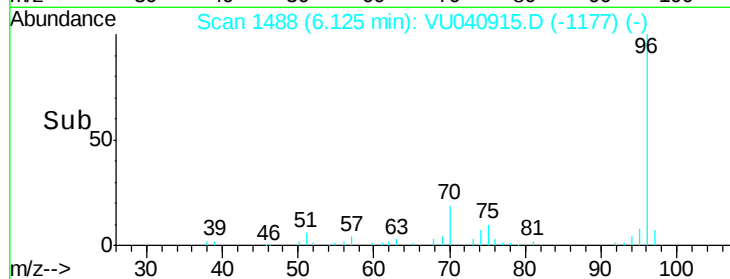
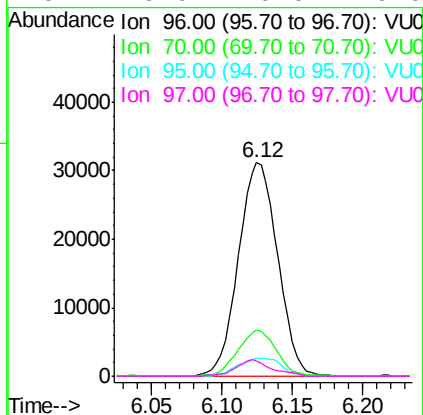
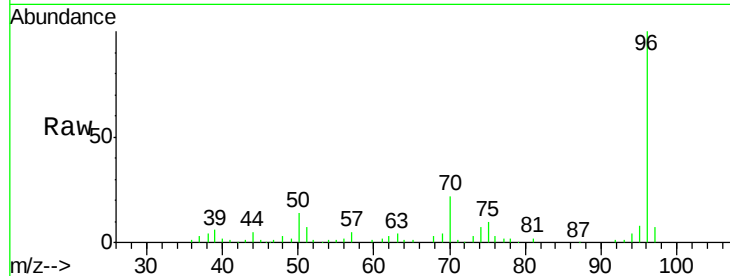
ClientSampleId :

VSTDICCC010

Tot Ion:	96	Resp:	60716
Ion	Ratio	Lower	Upper
96	100		
70	20.4	16.3	24.5
95	9.1	7.3	10.9
97	0.0	0.0	0.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 13.951 ug/l

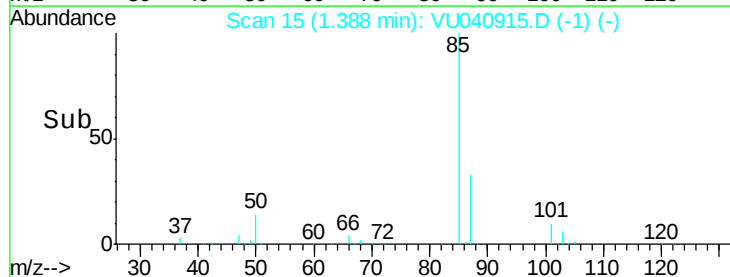
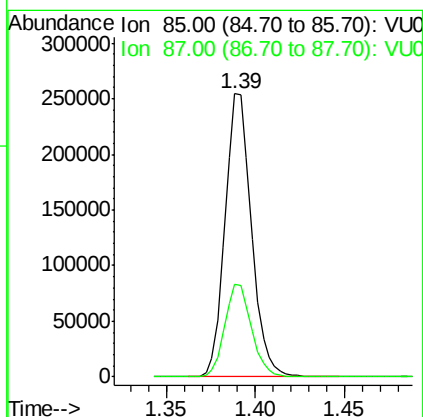
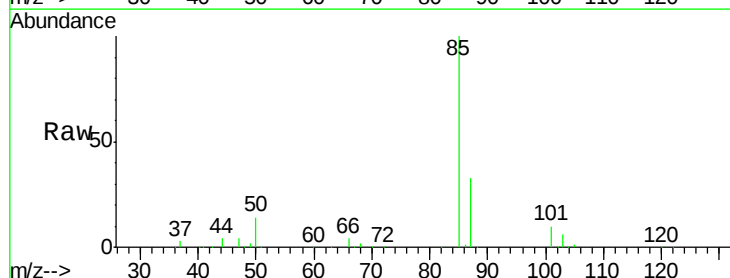
RT: 1.39 min Scan# 15

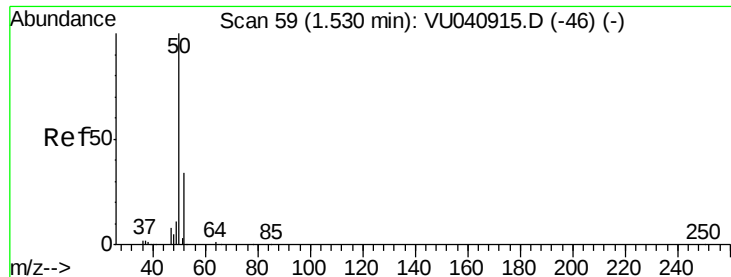
Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Tgt Ion:	85	Resp:	261605
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.5	49.5





#3

Chloromethane

Concen: 13.810 ug/l

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 50 Resp: 274867

Ion Ratio Lower Upper

50 100

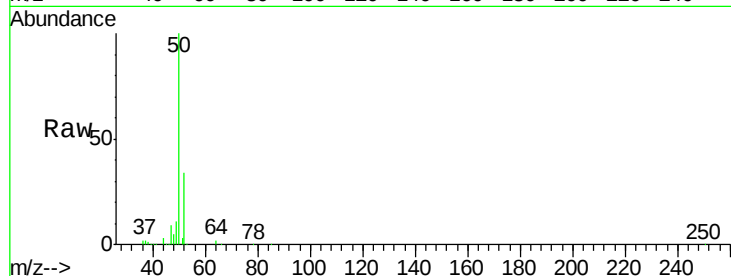
52 33.6 26.9 40.3

Manual Integrations

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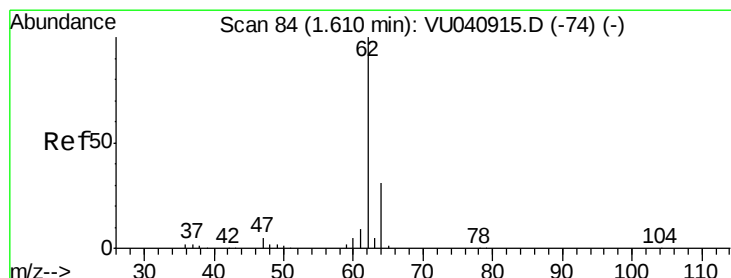
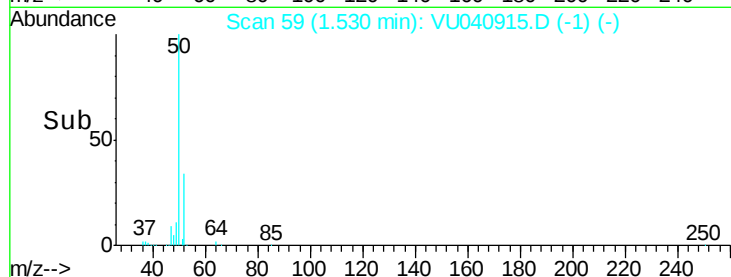
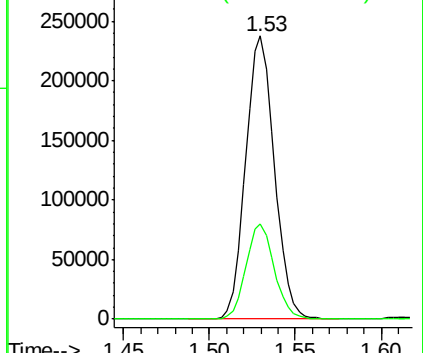
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 13.547 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040915.D

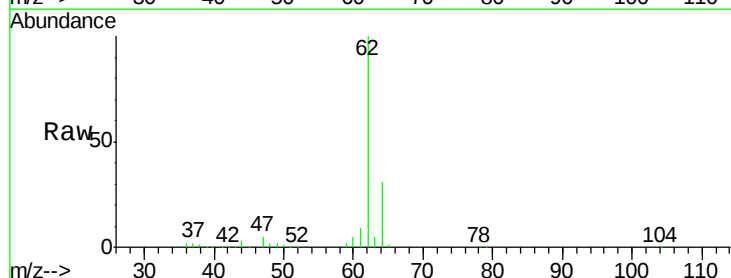
Acq: 22 Oct 2020 20:30

Tgt Ion: 62 Resp: 263985

Ion Ratio Lower Upper

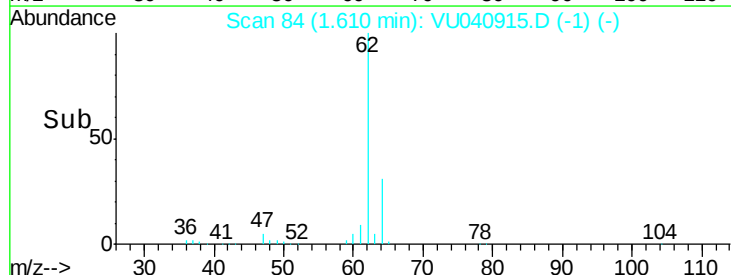
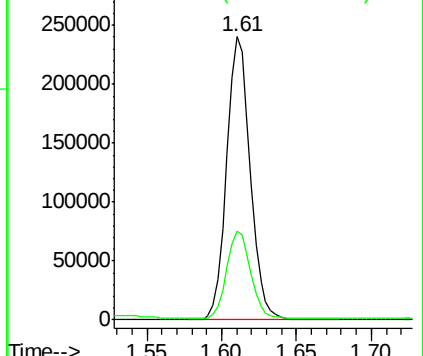
62 100

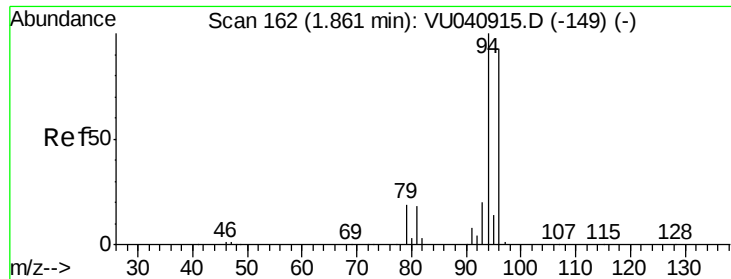
64 30.9 24.7 37.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 9.791 ug/l

RT: 1.86 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 94 Resp: 135040

Ion Ratio Lower Upper

94 100

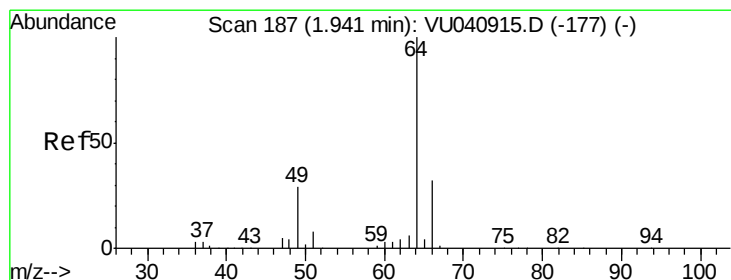
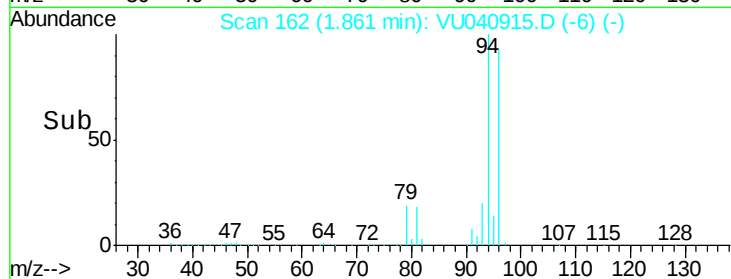
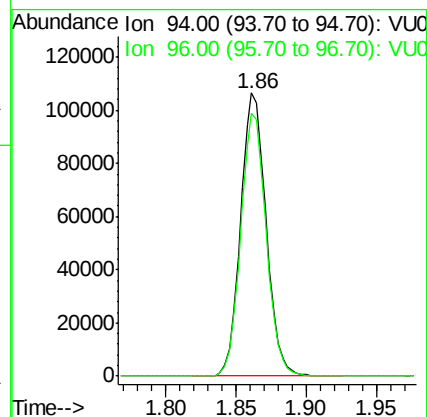
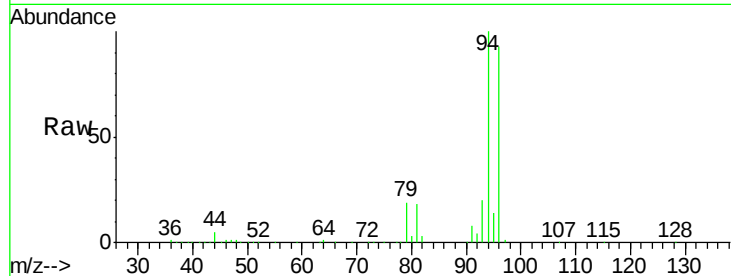
96 93.0 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 12.322 ug/l

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU040915.D

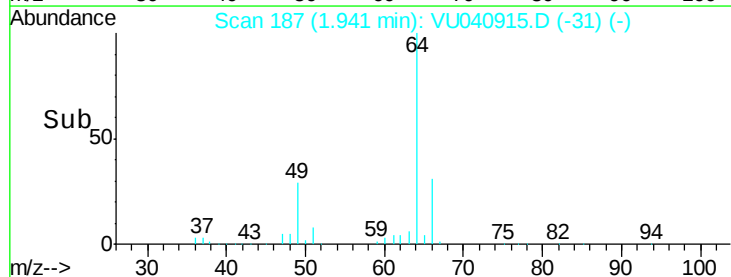
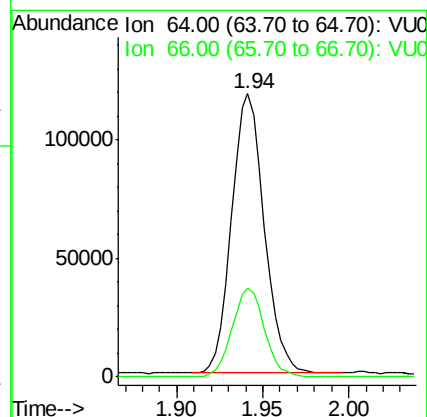
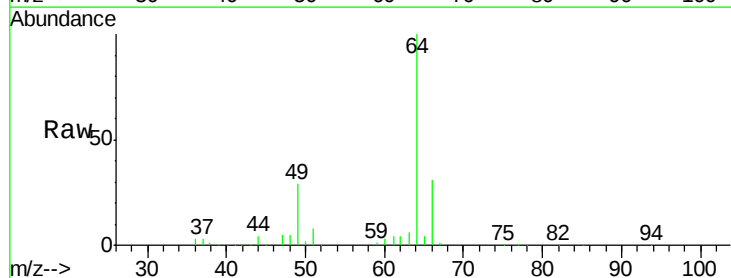
Acq: 22 Oct 2020 20:30

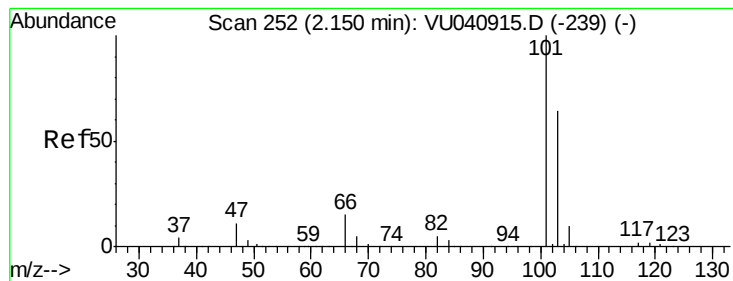
Tgt Ion: 64 Resp: 155450

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2





#7

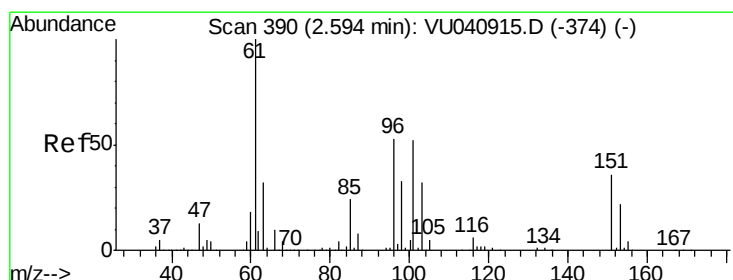
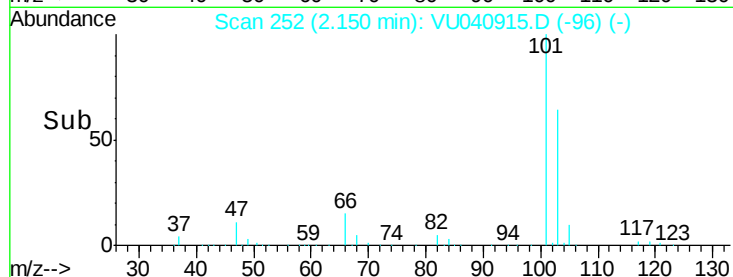
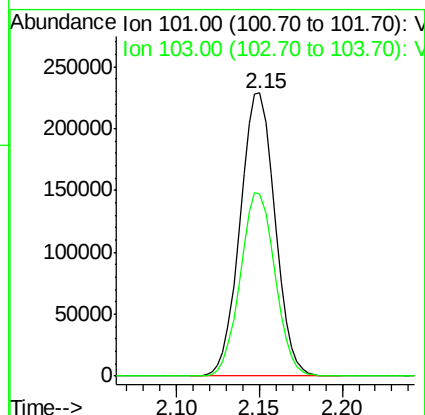
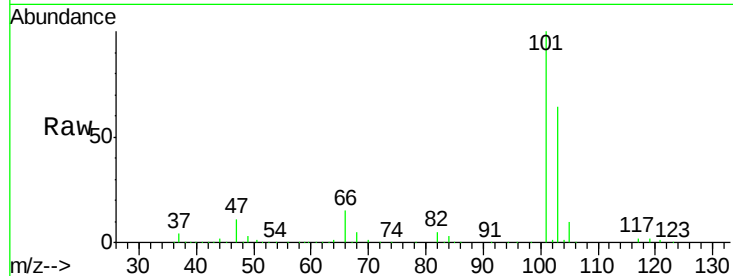
Trichlorofluoromethane
 Concen: 11.942 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	335071		
103	64.4	51.5	77.3	

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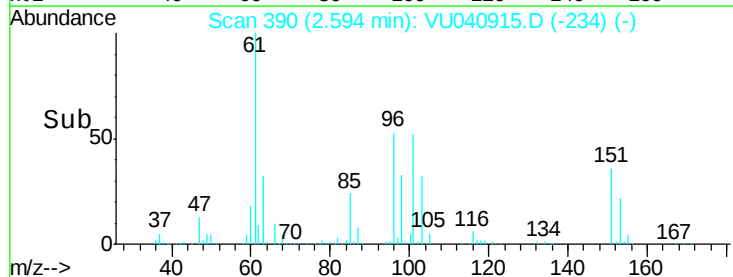
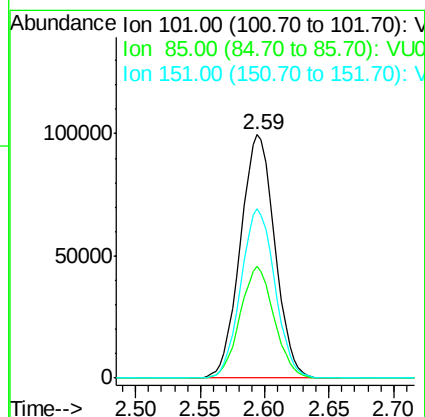
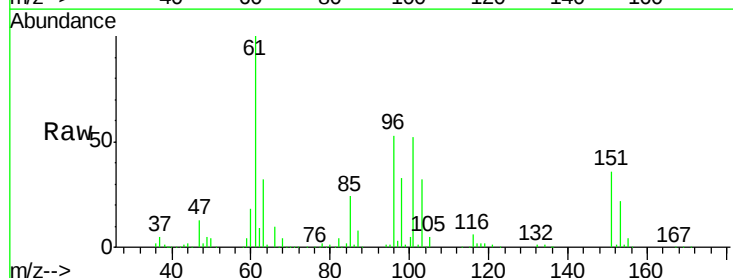
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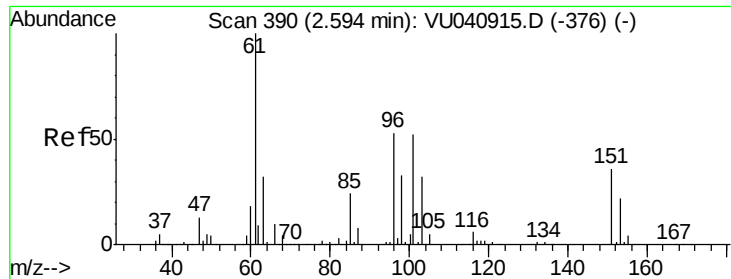


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 11.512 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040915.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	185150		
85	45.2	36.2	54.2	
151	68.9	55.1	82.7	





#9

1,1-Dichloroethene

Concen: 11.960 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

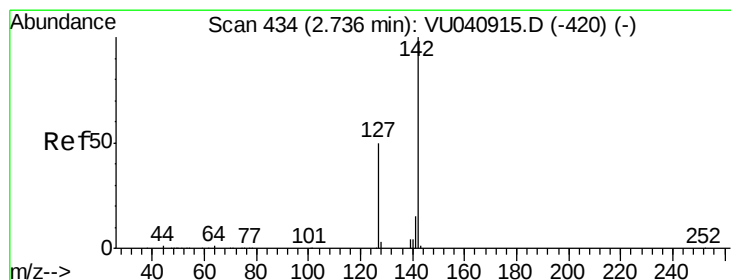
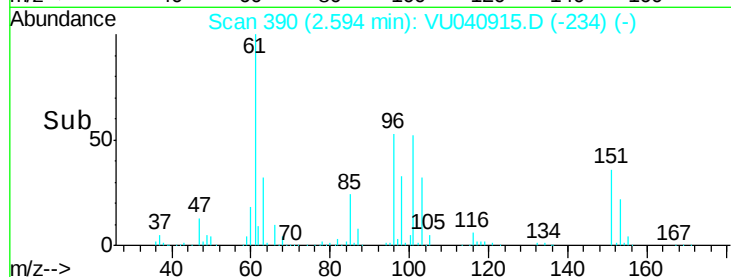
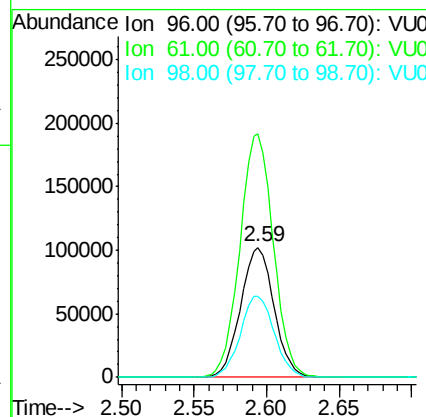
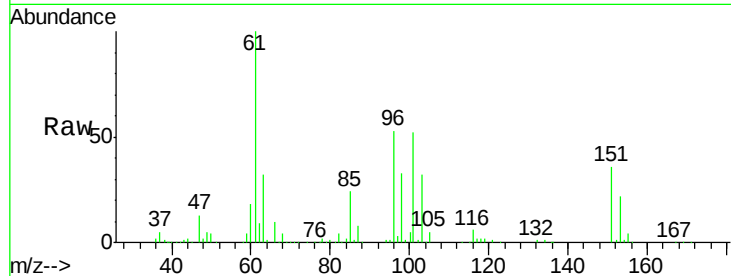
ClientSampled :

VSTDICCC010

Tot Ion:	96	Resp:	164178
Ion	Ratio	Lower	Upper
96	100		
61	187.3	0.0	561.9
98	62.5	0.0	125.0

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#10

Iodomethane

Concen: 18.205 ug/l

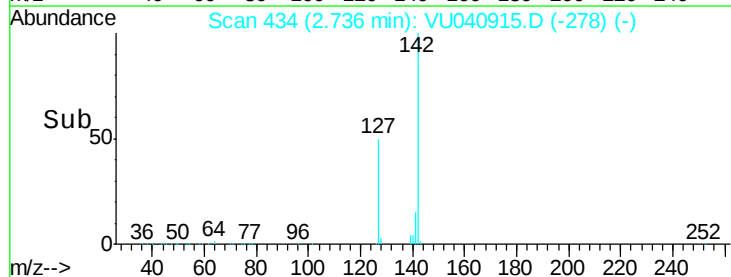
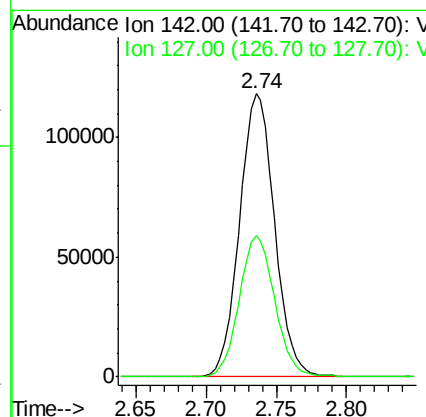
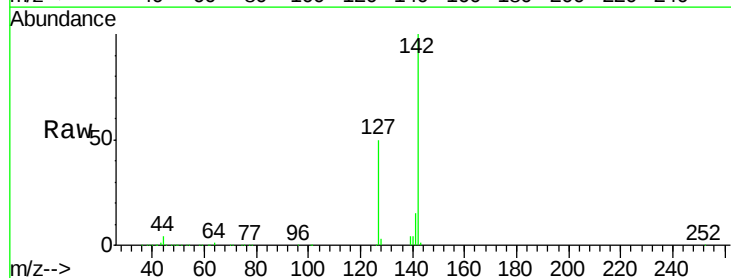
RT: 2.74 min Scan# 434

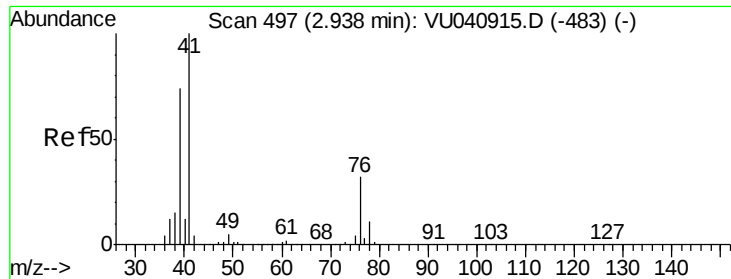
Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Tgt Ion:	142	Resp:	206202
Ion	Ratio	Lower	Upper
142	100		
127	50.7	40.6	60.8





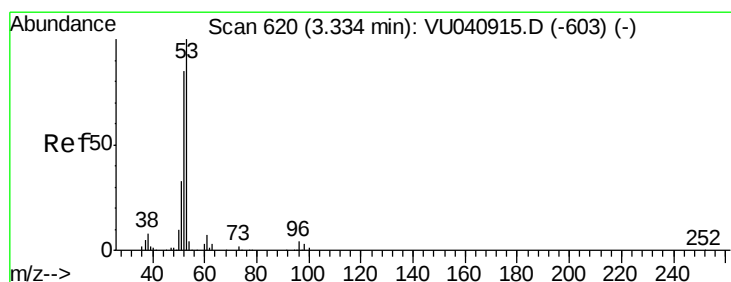
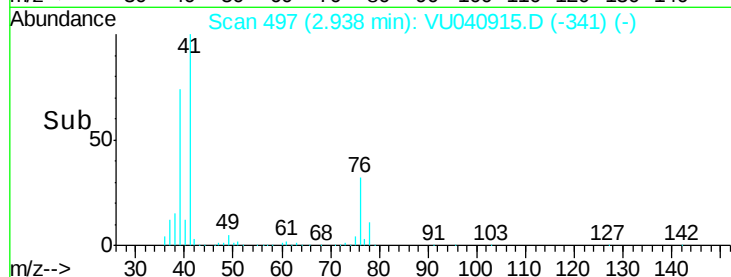
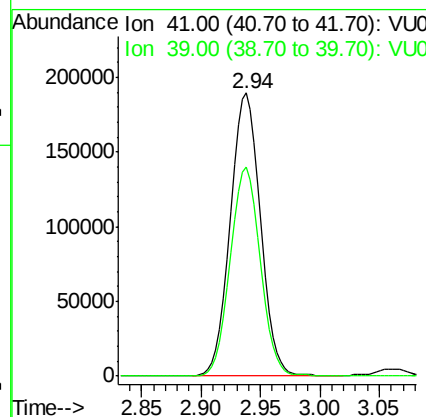
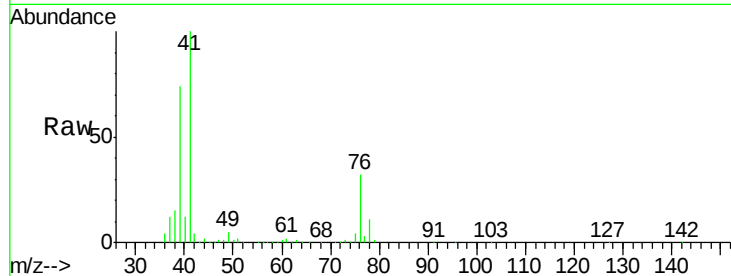
#11
Allvl Chloride
Concen: 12.153 ug/l
RT: 2.94 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 41 Resp: 332395
Ion Ratio Lower Upper
41 100
39 73.7 59.0 88.4

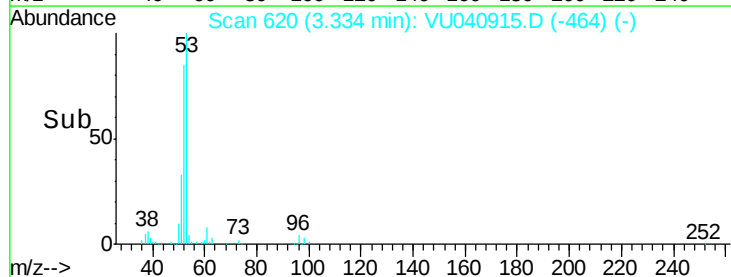
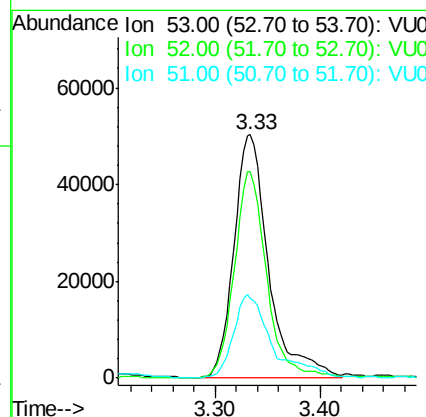
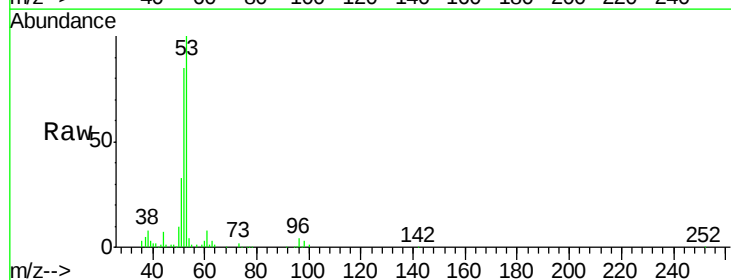
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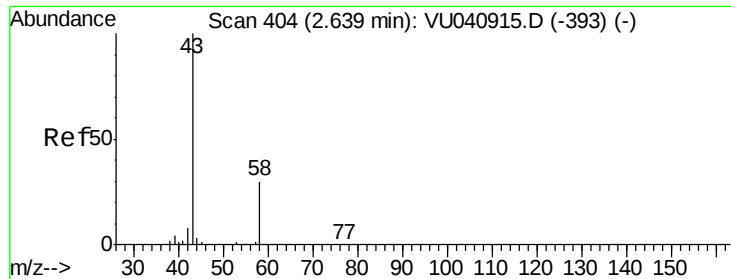
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#12
Acrylonitrile
Concen: 24.039 ug/l
RT: 3.33 min Scan# 620
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion: 53 Resp: 115244
Ion Ratio Lower Upper
53 100
52 78.9 63.1 94.7
51 38.3 30.6 46.0





#13

Acetone

Concen: 53.262 ug/l

RT: 2.64 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 43 Resp: 227169

Ion Ratio Lower Upper

43 100

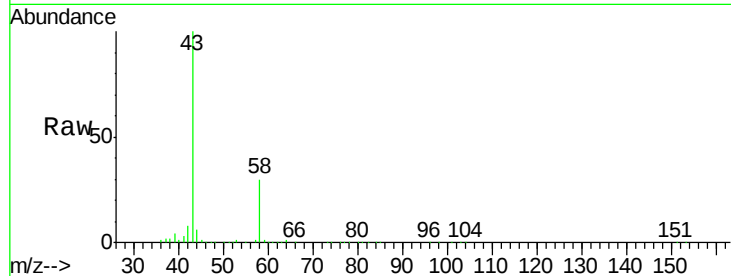
58 29.5 23.6 35.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VU040915.D (-393) (-)

Ion 58.00 (57.70 to 58.70): VU040915.D (-393) (-)

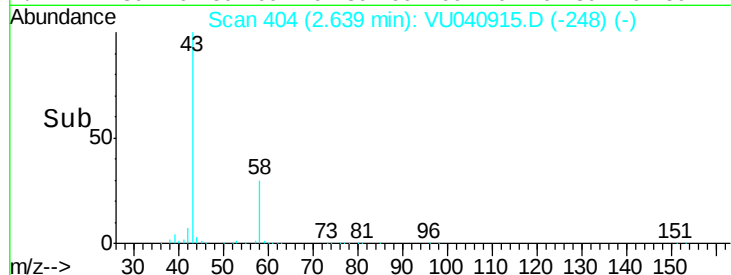
150000

100000

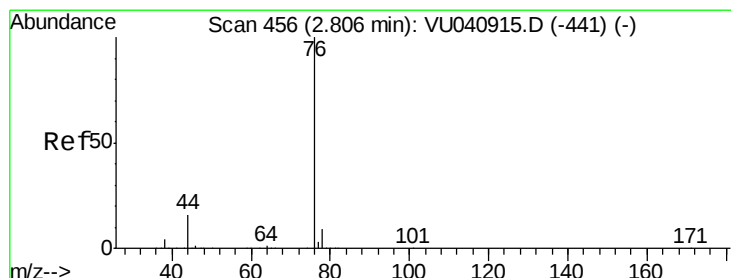
50000

0

Time-->



Time-->



#14

Carbon Disulfide

Concen: 15.098 ug/l

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040915.D

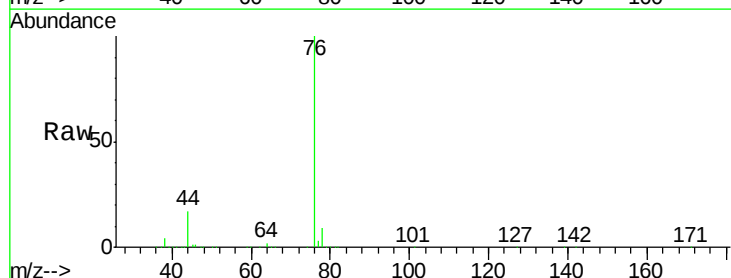
Acq: 22 Oct 2020 20:30

Tgt Ion: 76 Resp: 615591

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VU040915.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU040915.D (-441) (-)

400000

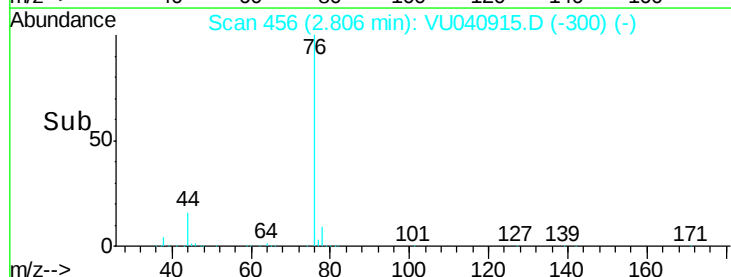
300000

200000

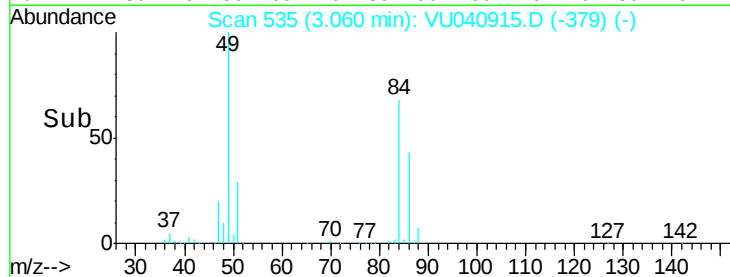
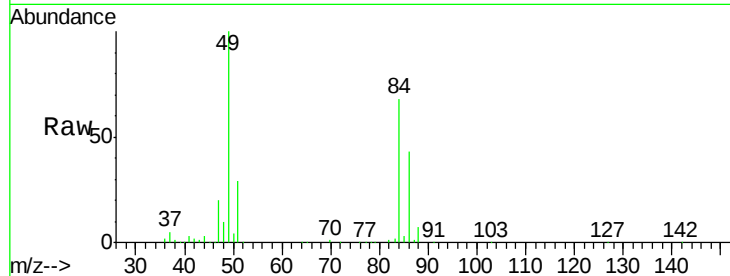
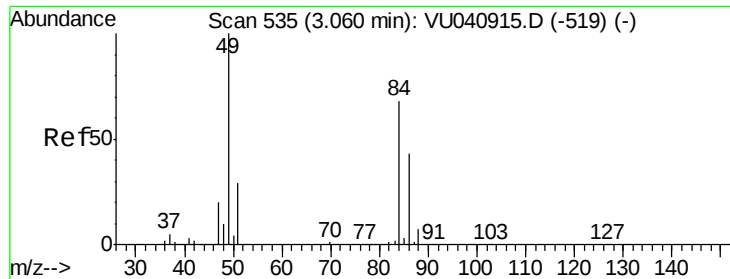
100000

0

Time-->



Time-->



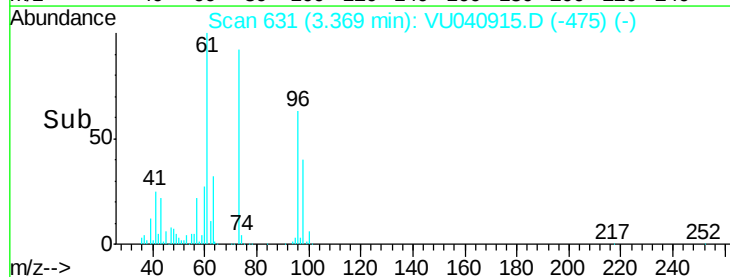
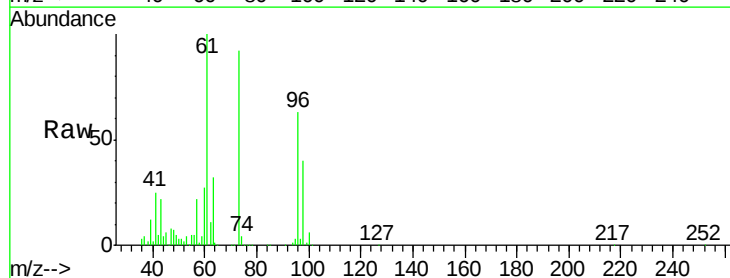
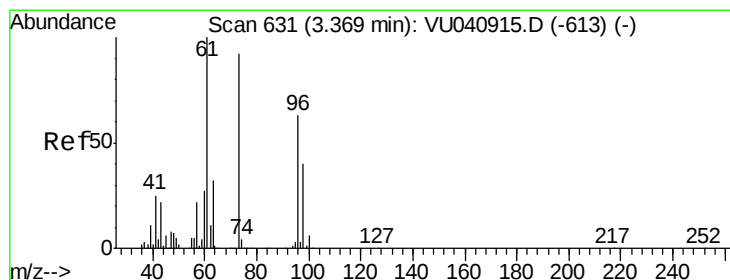
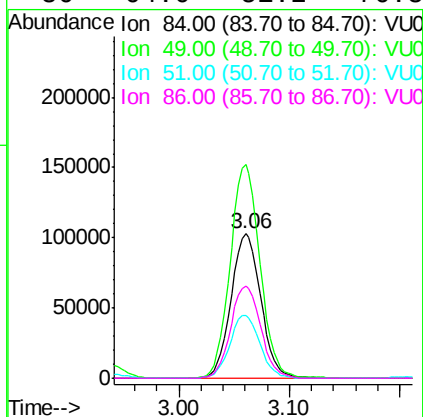
#15
Methvlene Chloride
Concen: 9.346 ug/l
RT: 3.06 min Scan# 535
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tot Ion	84	Resp	192635
Ion Ratio	Lower	Upper	
84	100		
49	147.8	118.2	177.4
51	43.4	0.0	86.8
86	64.0	51.2	76.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

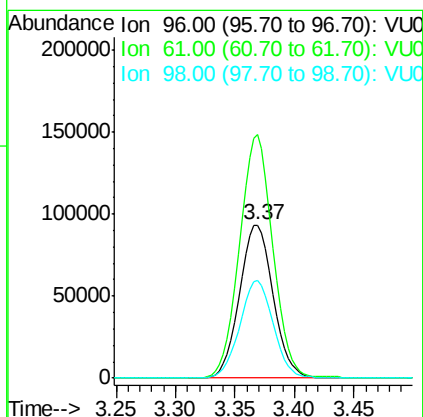
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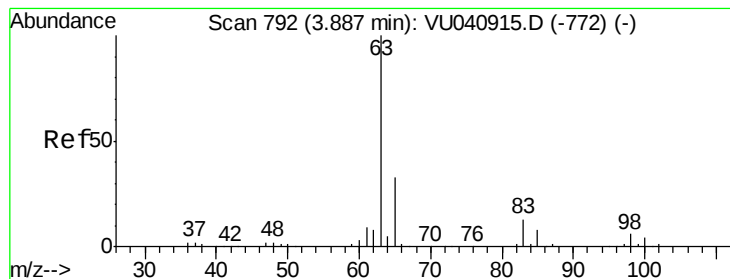
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#16
trans-1,2-Dichloroethene
Concen: 12.291 ug/l
RT: 3.37 min Scan# 631
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	96	Resp	183649
Ion Ratio	Lower	Upper	
96	100		
61	158.7	127.0	190.4
98	64.0	51.2	76.8





#17

1,1-Dichloroethane

Concen: 11.532 ug/l

RT: 3.89 min Scan# 792

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

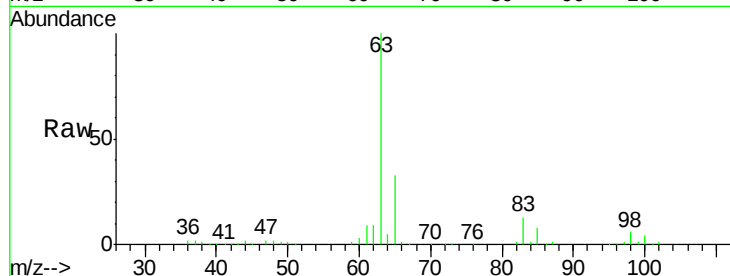
ClientSampleId :

VSTDICCC010

Tot Ion:	63	Resp:	373457
Ion Ratio	Lower	Upper	
63	100		
98	6.1	3.0	9.2
100	3.7	1.8	5.5

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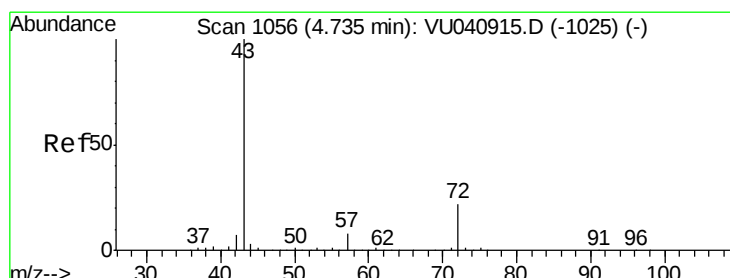
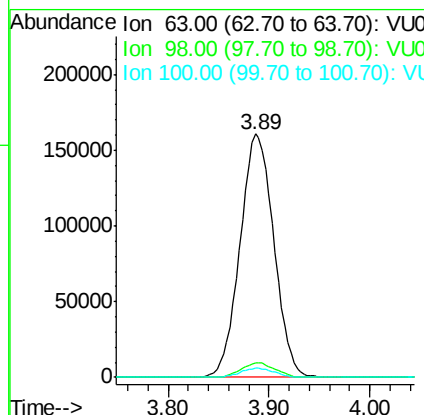
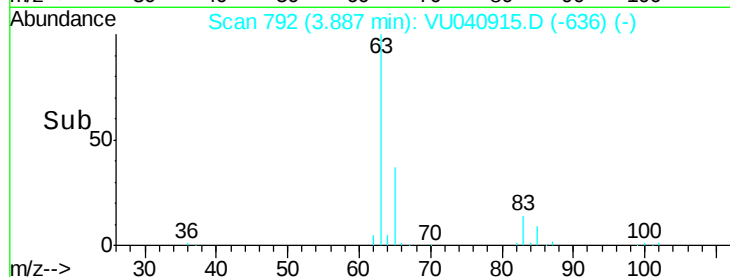


Abundance Ion 63.00 (62.70 to 63.70): VU040915.D (-772) (-)

Ion 98.00 (97.70 to 98.70): VU040915.D (-772) (-)

Ion 100.00 (99.70 to 100.70): VU040915.D (-772) (-)

Time-->



#18

2-Butanone

Concen: 58.710 ug/l

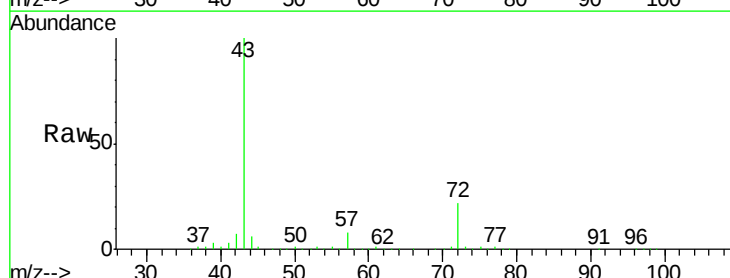
RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

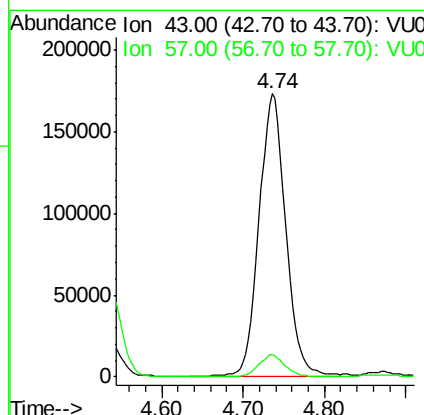
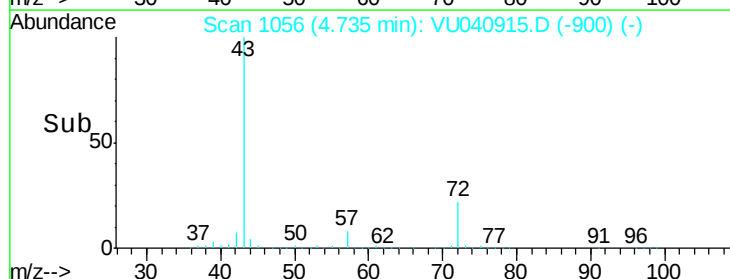
Tgt Ion:	43	Resp:	391725
Ion Ratio	Lower	Upper	
43	100		
57	7.6	0.0	15.2

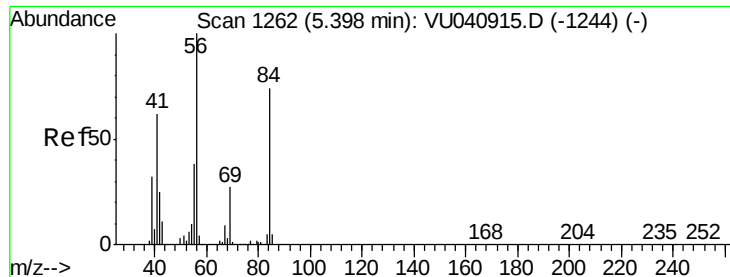


Abundance Ion 43.00 (42.70 to 43.70): VU040915.D (-1025) (-)

Ion 57.00 (56.70 to 57.70): VU040915.D (-1025) (-)

Time-->





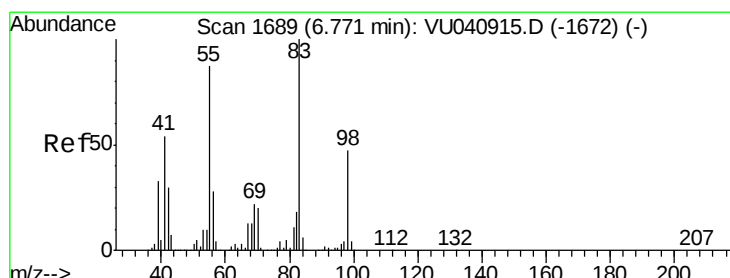
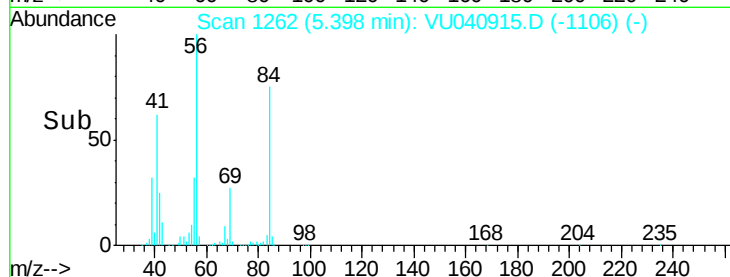
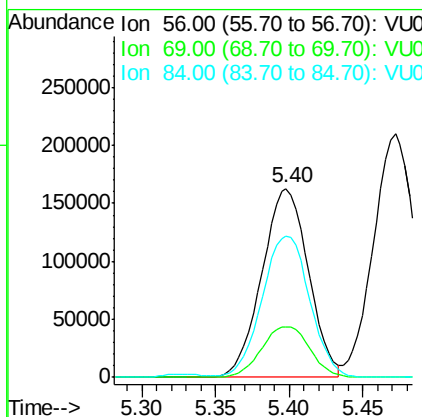
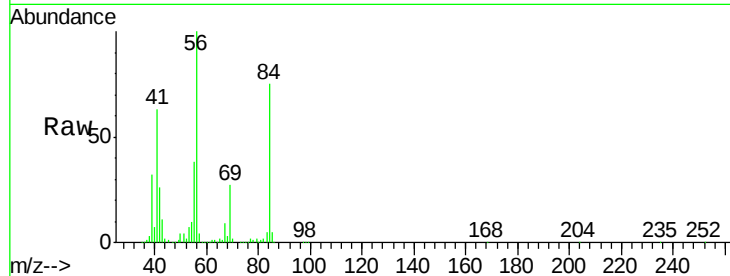
#19
Cyclohexane
Concen: 12.888 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.9	22.2	33.2
84	75.5	60.1	90.1

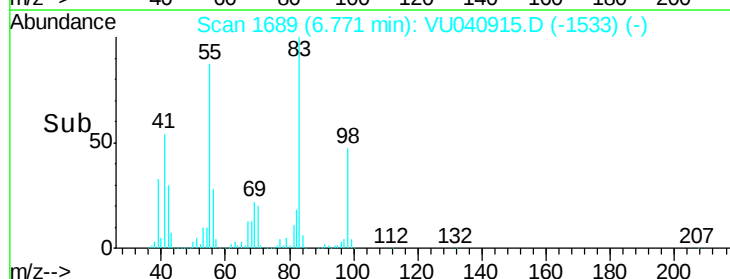
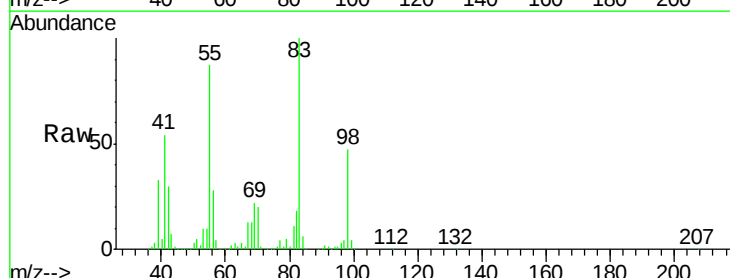
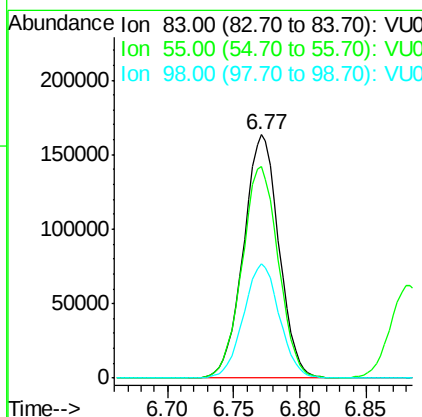
Manual Integrations
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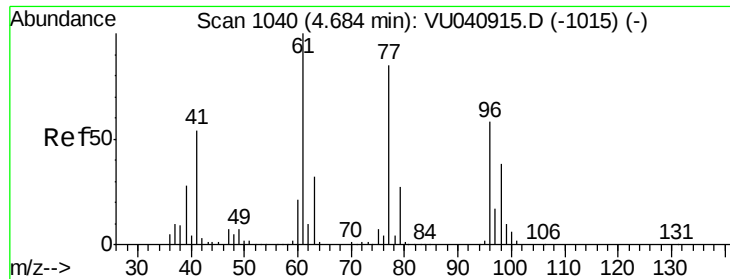
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#20
Methylcyclohexane
Concen: 12.199 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
83	100		
55	88.7	71.0	106.4
98	47.6	38.1	57.1





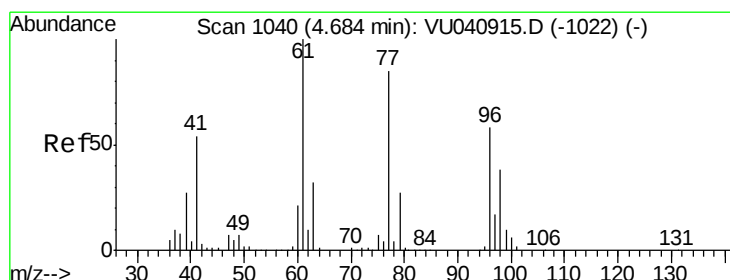
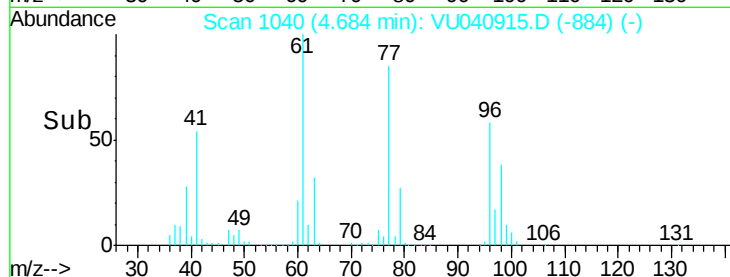
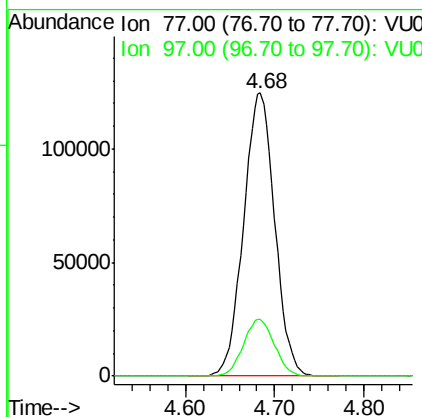
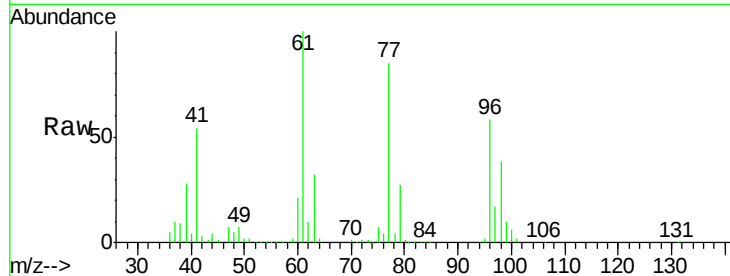
#21
 2,2-Dichloropropane
 Concen: 10.063 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion: 77 Resp: 302482
 Ion Ratio Lower Upper
 77 100
 97 20.0 16.0 24.0

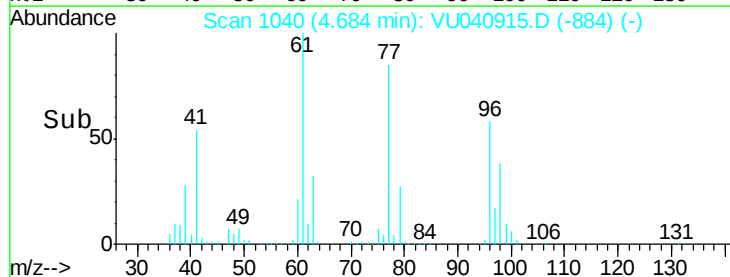
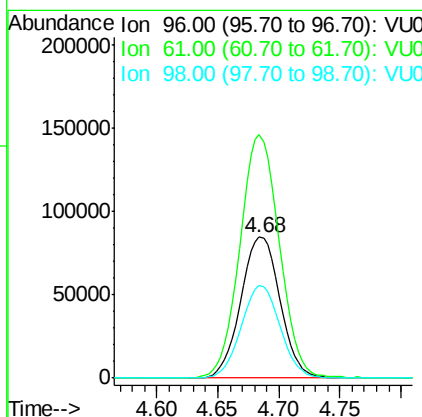
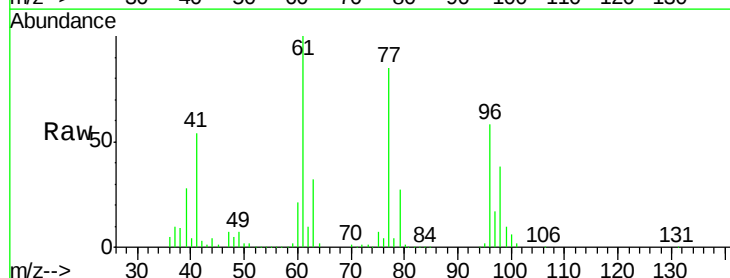
Manual Integrations
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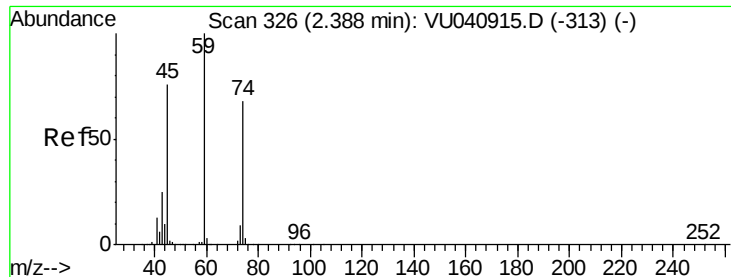
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#22
 cis-1,2-Dichloroethene
 Concen: 11.036 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion: 96 Resp: 188172
 Ion Ratio Lower Upper
 96 100
 61 173.8 0.0 434.5
 98 65.2 32.6 97.8





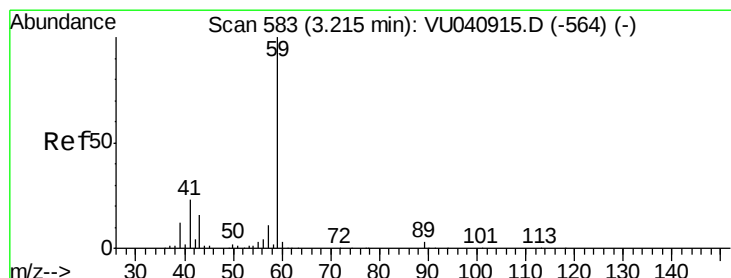
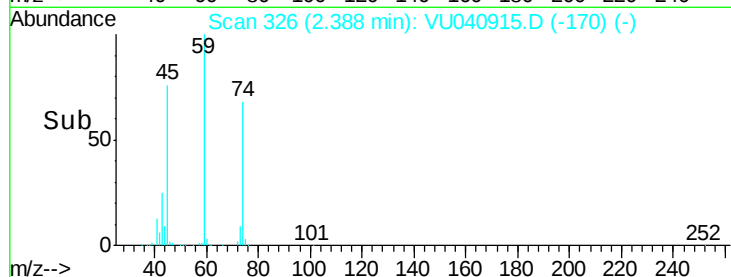
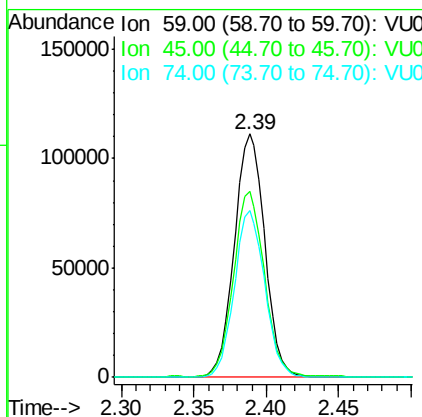
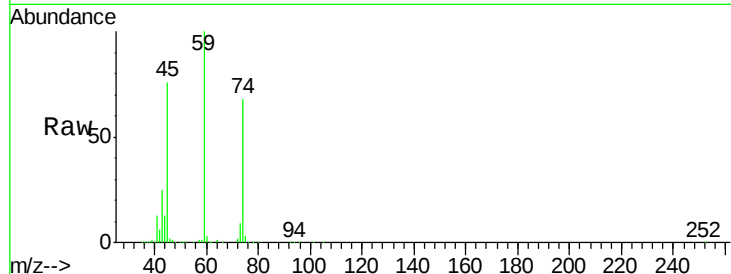
#23
Diethyl Ether
Concen: 12.324 ug/l
RT: 2.39 min Scan# 326
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
59	100		
45	76.8	61.4	92.2
74	68.7	55.0	82.4

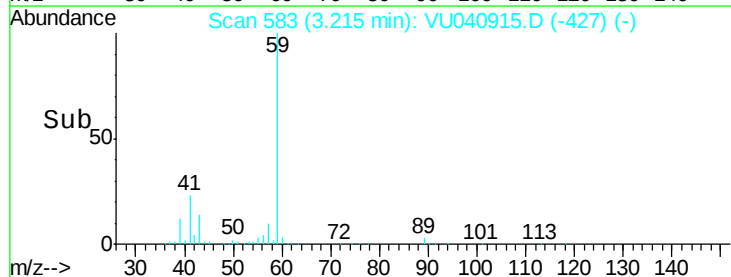
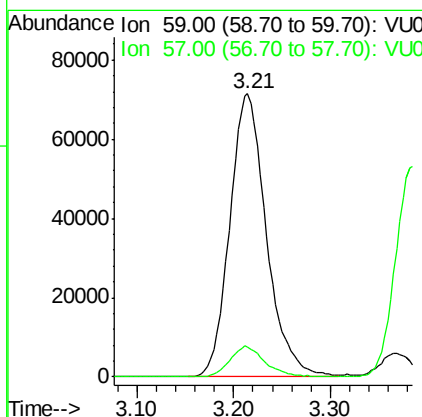
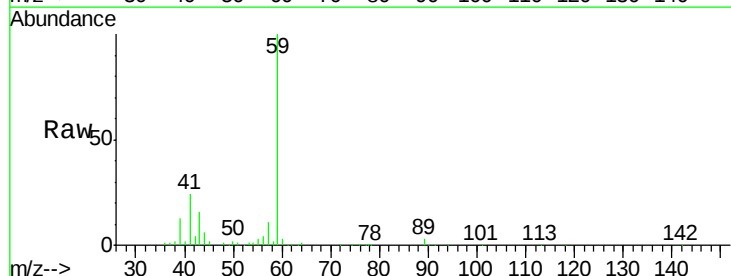
Manual Integrations
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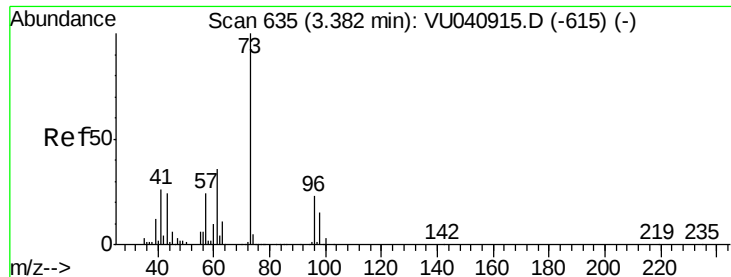
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#24
tert-Butyl Alcohol
Concen: 108.418 ug/l
RT: 3.21 min Scan# 583
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.4	12.6





#25

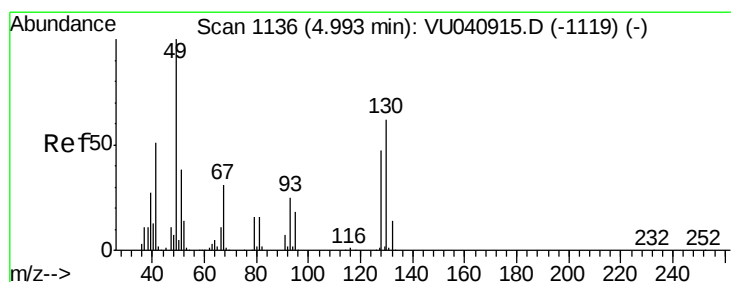
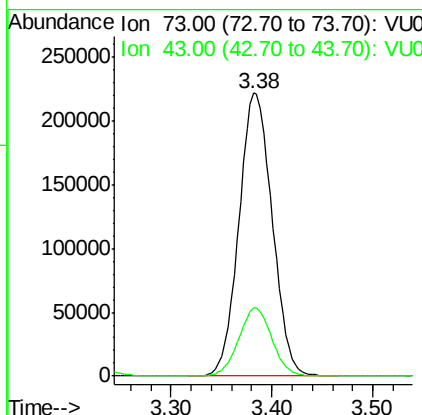
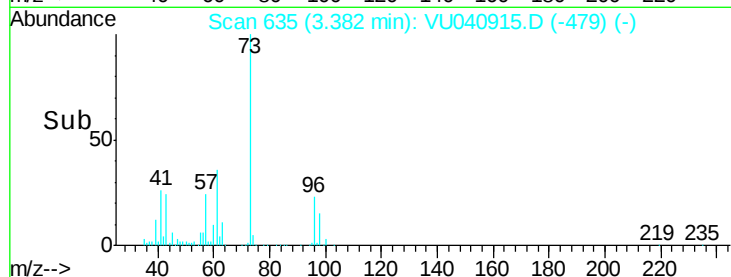
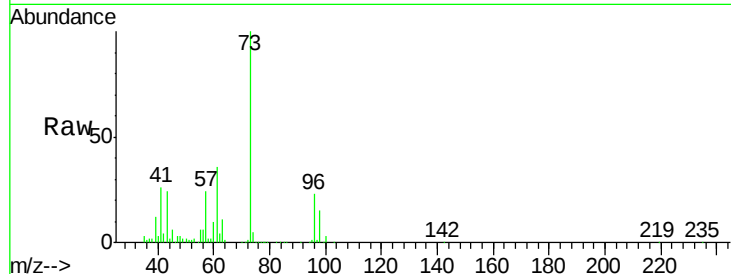
Methyl tert-Butyl Ether
 Concen: 11.232 ug/l
 RT: 3.38 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
73	100		
43	23.8	19.0	28.6

Manual Integrations
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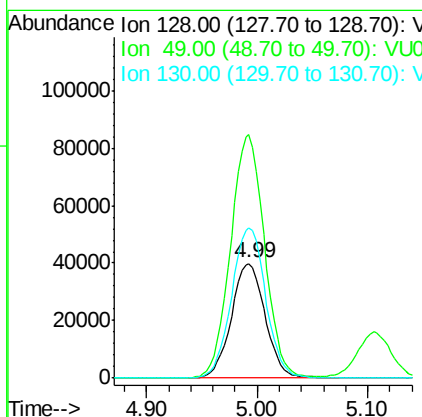
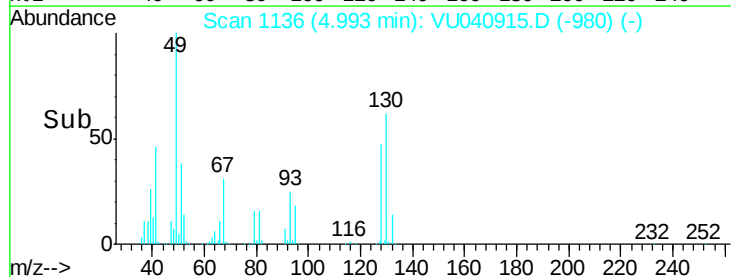
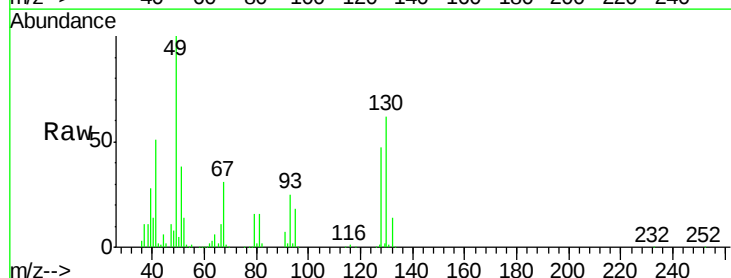
MMDadoda
 10/26/2020 4:14:59 PM

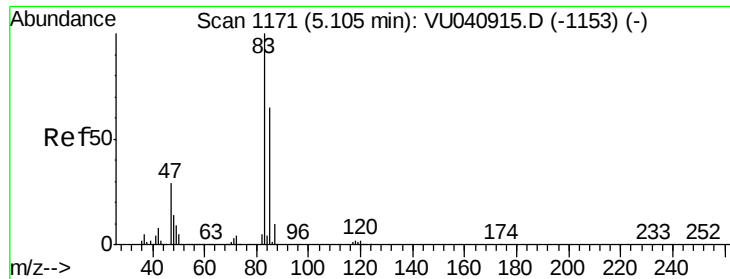


#26

Bromochloromethane
 Concen: 11.349 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
128	100		
49	213.2	0.0	426.4
130	132.8	106.2	159.4





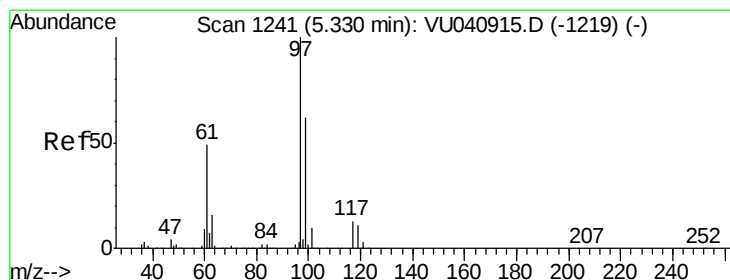
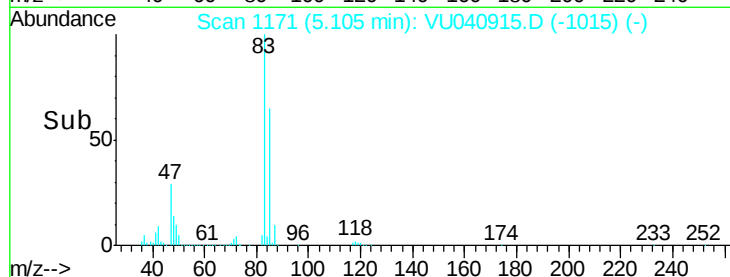
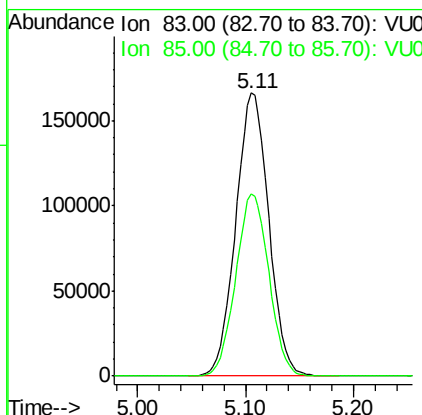
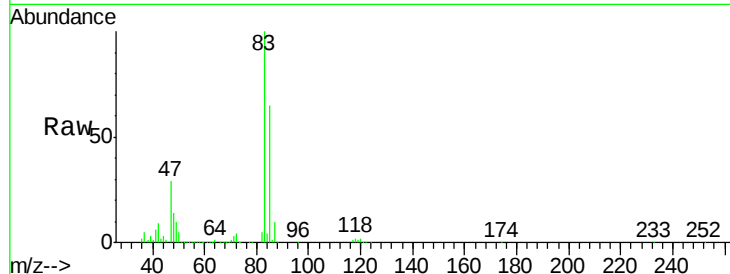
#27
Chloroform
Concen: 10.914 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	83	Resp	354197
Ion Ratio	100	Lower	Upper
85	64.5	0.0	129.0

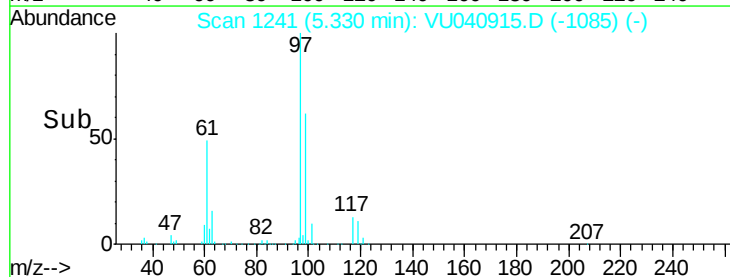
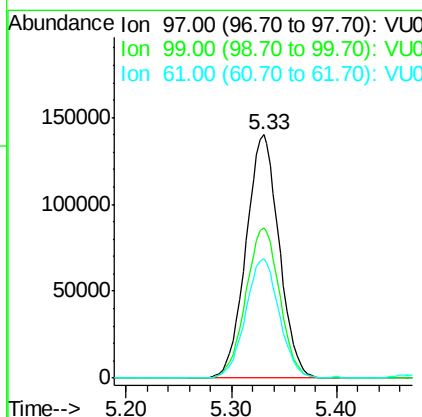
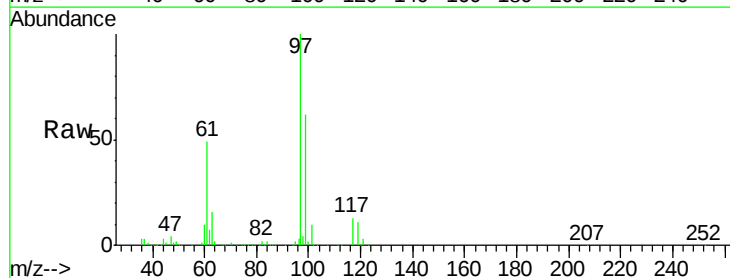
Manual Integrations
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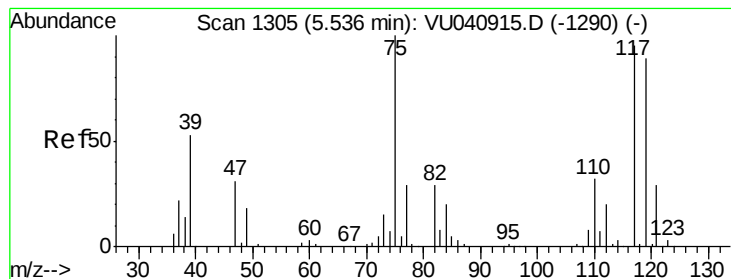
MMDadoda
10/26/2020 4:14:59 PM



#28
1,1,1-Trichloroethane
Concen: 10.899 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	97	Resp	305965
Ion Ratio	100	Lower	Upper
99	62.9	31.4	94.3
61	49.4	24.7	74.1





#29

1,1-Dichloropropene

Concen: 11.343 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 75 Resp: 273504

Ion Ratio Lower Upper

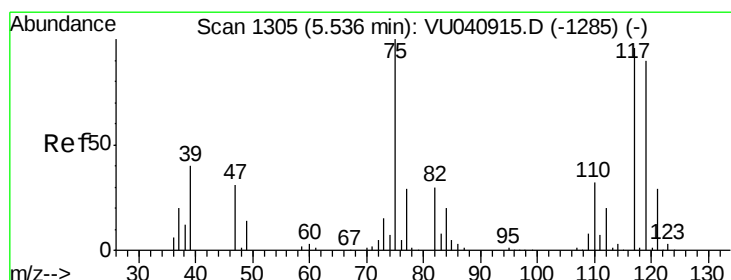
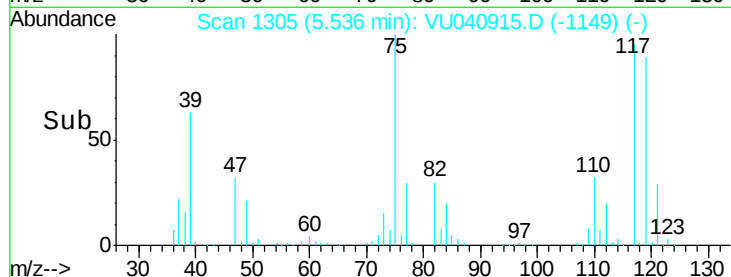
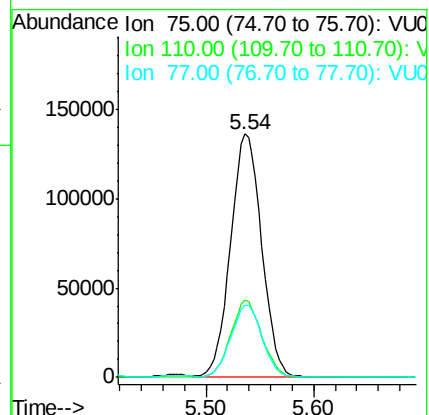
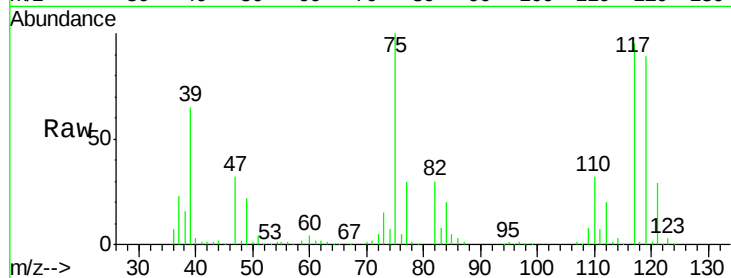
75 100

110 31.7 15.9 47.6

77 30.2 24.2 36.2

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#30

Carbon Tetrachloride

Concen: 10.881 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

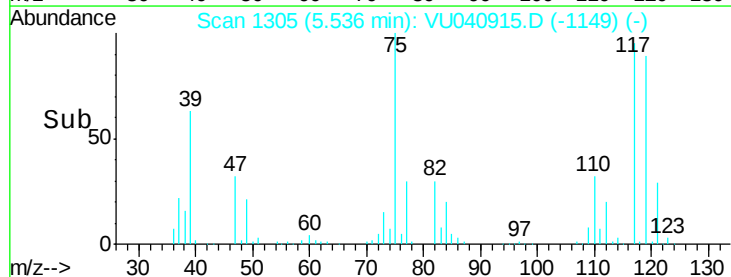
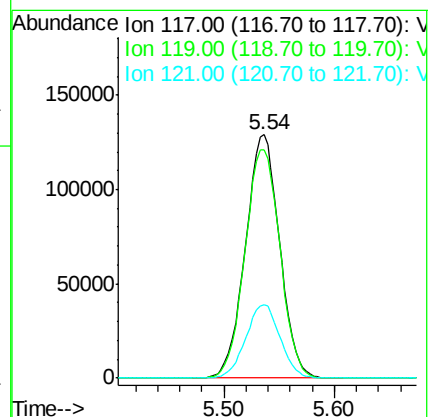
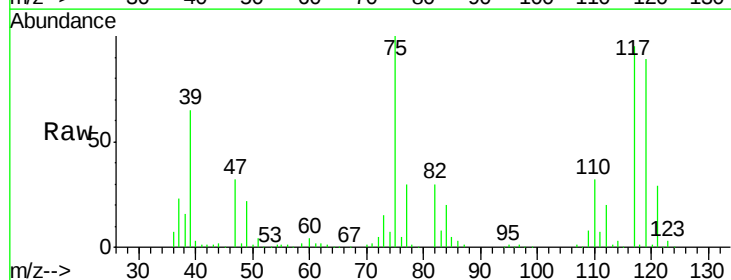
Tgt Ion: 117 Resp: 276292

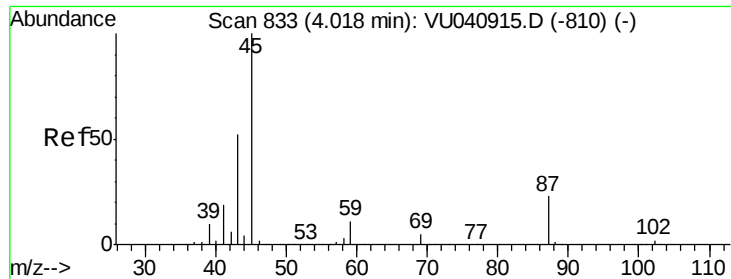
Ion Ratio Lower Upper

117 100

119 93.6 74.9 112.3

121 30.1 24.1 36.1





#31

Isopropyl Ether

Concen: 10.618 ug/l

RT: 4.02 min Scan# 833

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampled :

VSTDICCC010

Tot Ion: 45 Resp: 578707

Ion Ratio Lower Upper

45 100

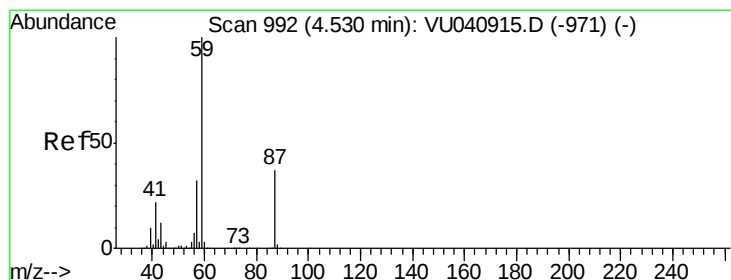
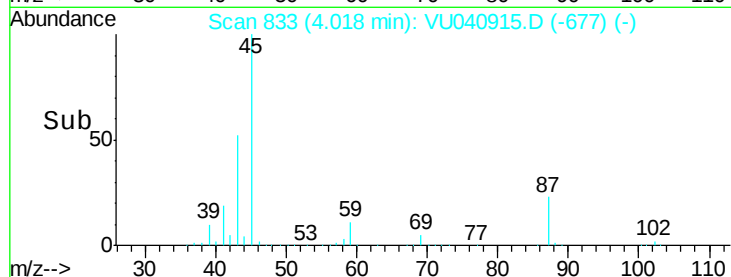
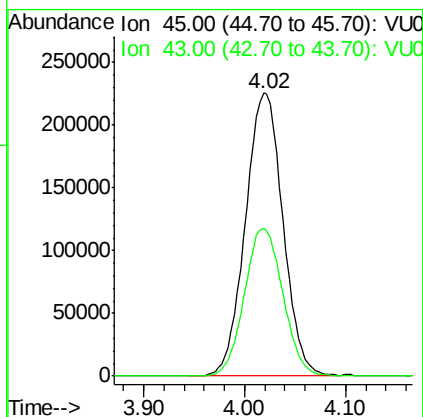
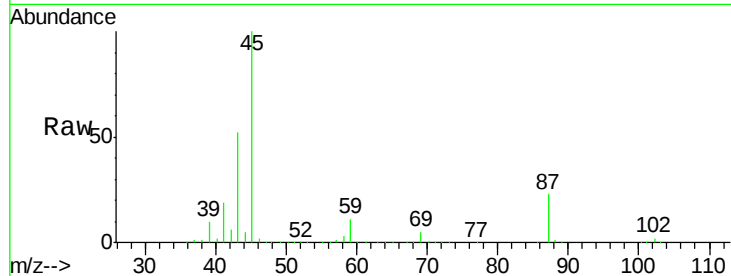
43 53.5 26.8 80.3

Manual Integrations

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#32

Ethyl-t-butyl ether

Concen: 10.462 ug/l

RT: 4.53 min Scan# 992

Delta R.T. 0.00 min

Lab File: VU040915.D

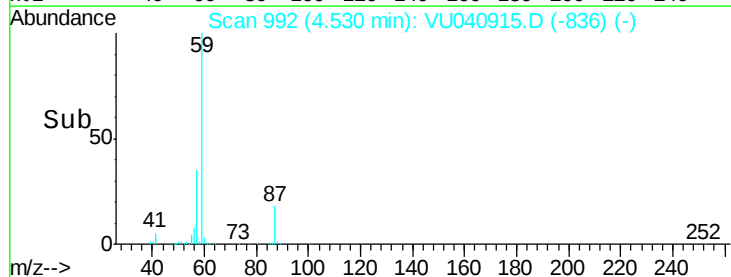
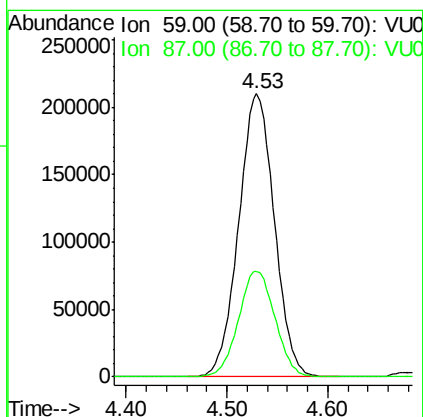
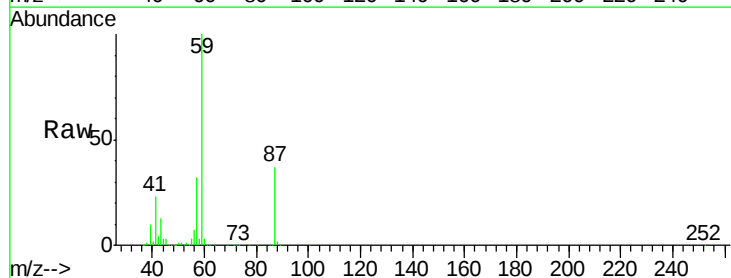
Acq: 22 Oct 2020 20:30

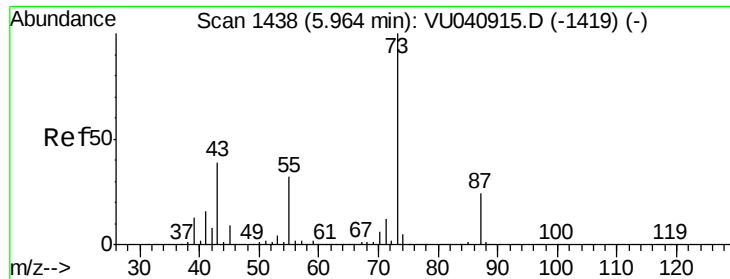
Tgt Ion: 59 Resp: 513465

Ion Ratio Lower Upper

59 100

87 38.3 30.6 46.0





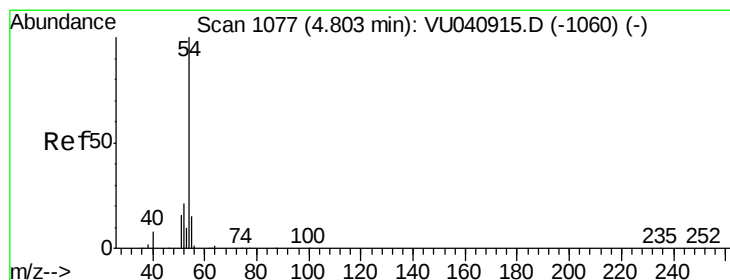
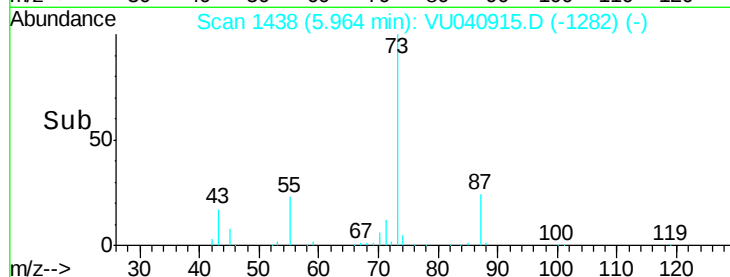
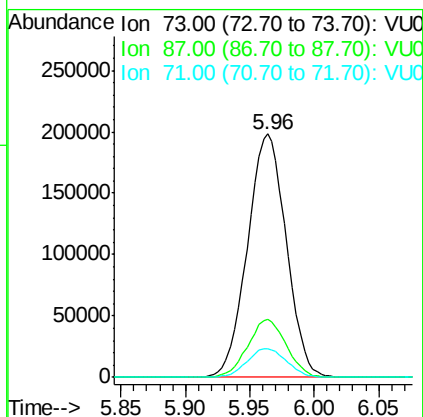
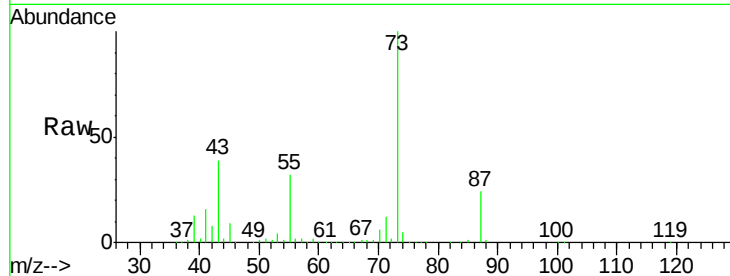
#33
Tert-Butyl methyl ether
Concen: 9.759 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.7	19.0	28.4
71	12.1	9.7	14.5

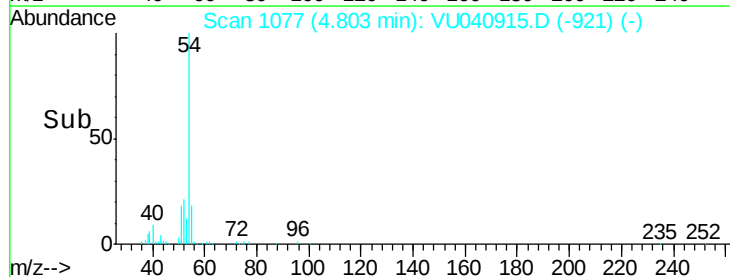
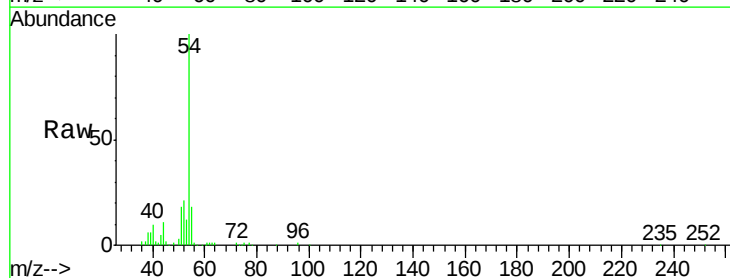
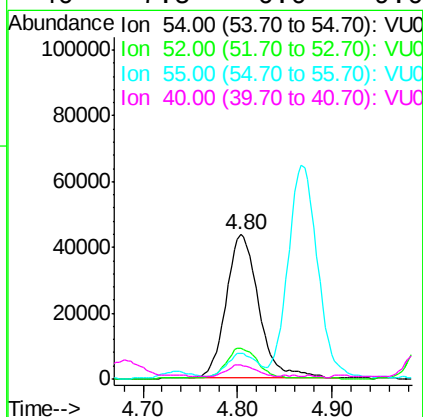
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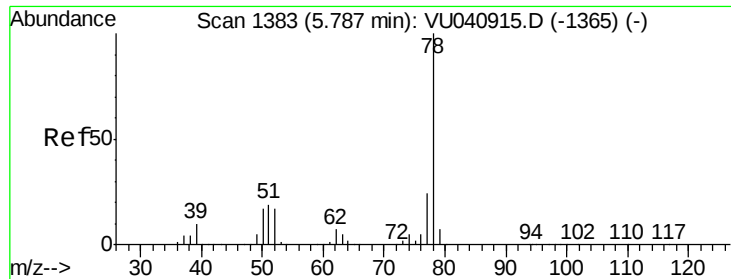
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#34
Propionitrile
Concen: 61.345 ug/l
RT: 4.80 min Scan# 1077
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
54	100		
52	19.4	15.5	23.3
55	15.6	12.5	18.7
40	7.5	6.0	9.0





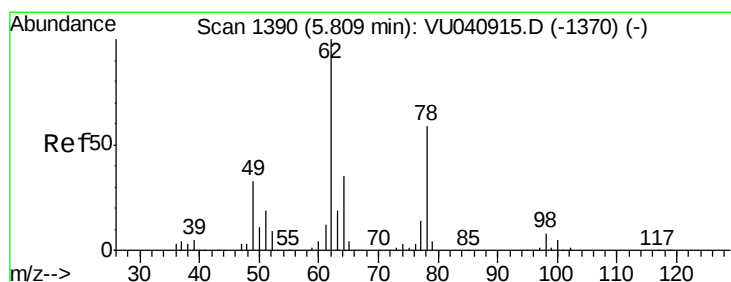
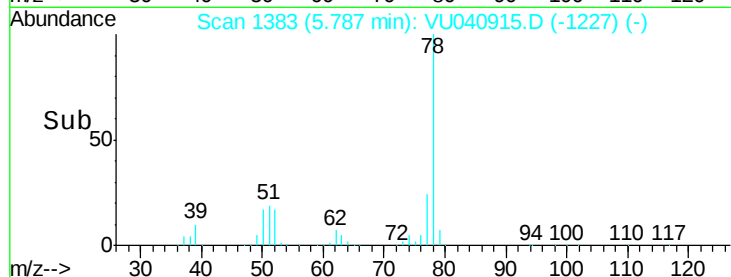
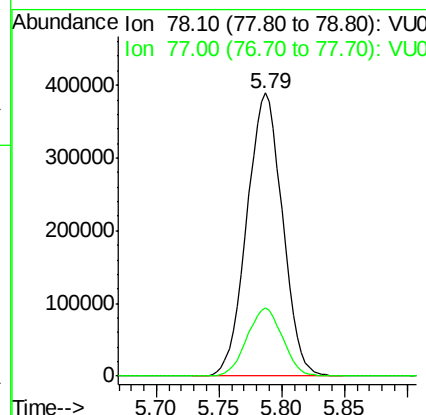
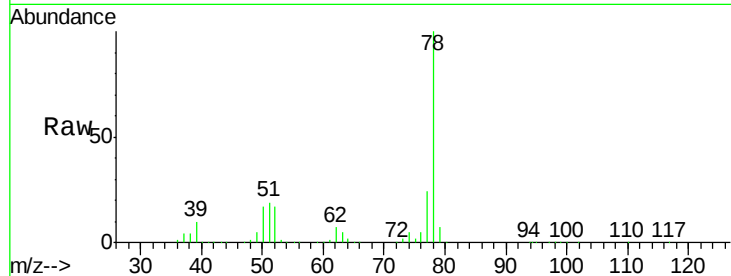
#35
Benzene
Concen: 11.541 ug/l
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.4	29.2

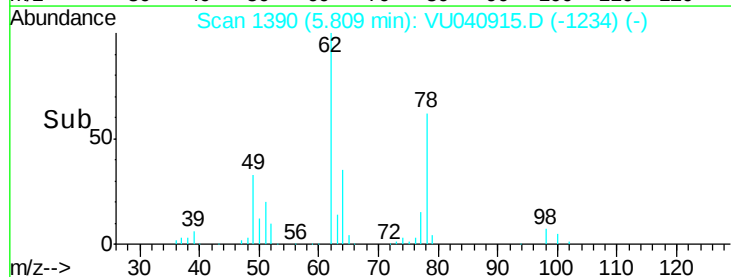
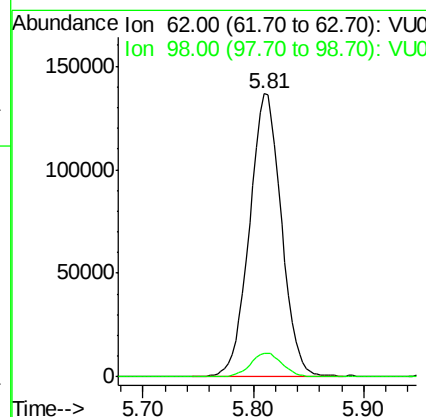
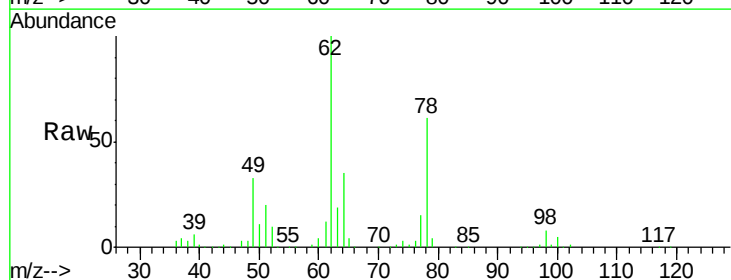
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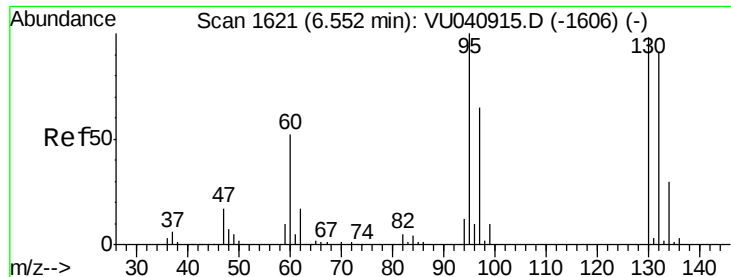
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#36
1,2-Dichloroethane
Concen: 10.721 ug/l
RT: 5.81 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	6.7	10.1





#37

Trichloroethene

Concen: 10.795 ug/l

RT: 6.55 min Scan# 1621

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:130 Resp: 180529

Ion Ratio Lower Upper

130 100

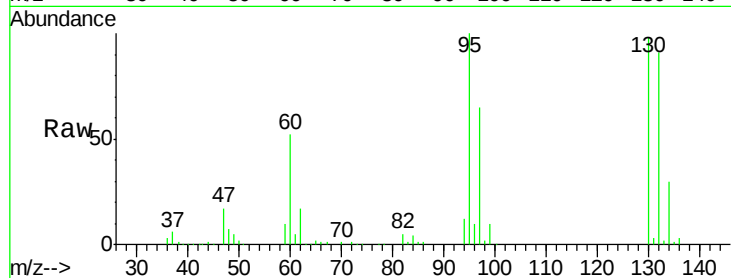
95 102.4 81.9 122.9

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VU0

120000

100000

80000

60000

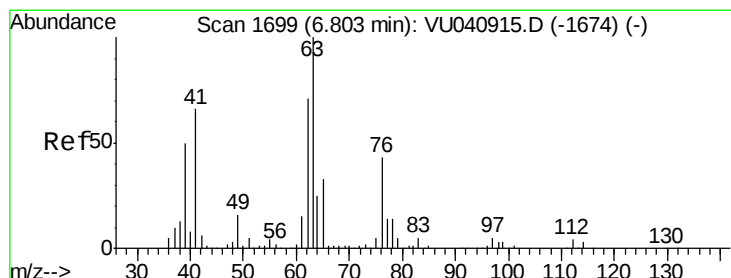
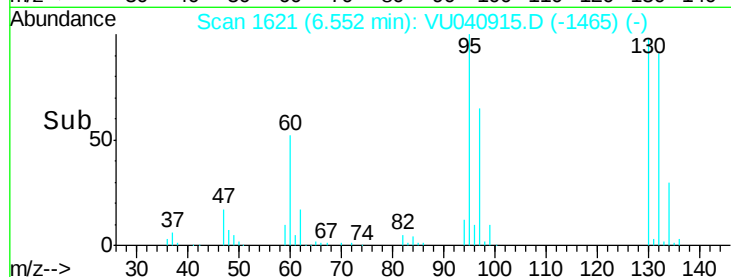
40000

20000

0

6.45 6.50 6.55 6.60 6.65

Time-->



#38

1,2-Dichloropropane

Concen: 11.366 ug/l

RT: 6.80 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VU040915.D

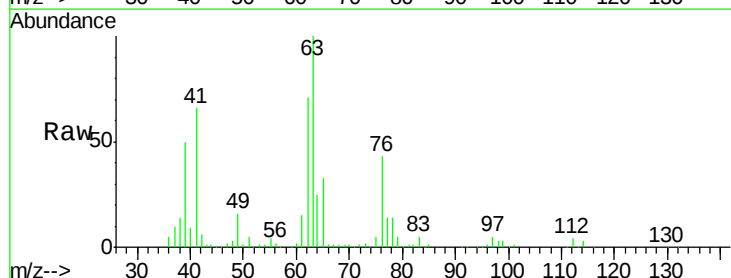
Acq: 22 Oct 2020 20:30

Tgt Ion: 63 Resp: 219066

Ion Ratio Lower Upper

63 100

65 32.7 26.2 39.2



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 65.00 (64.70 to 65.70): VU0

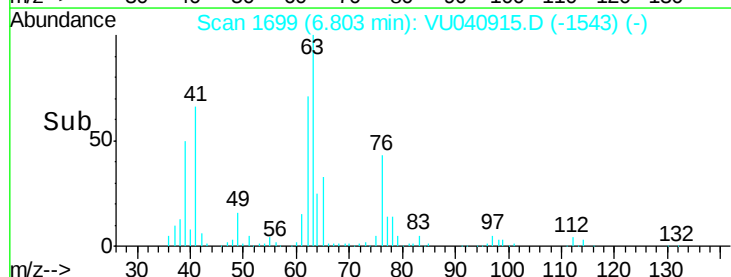
100000

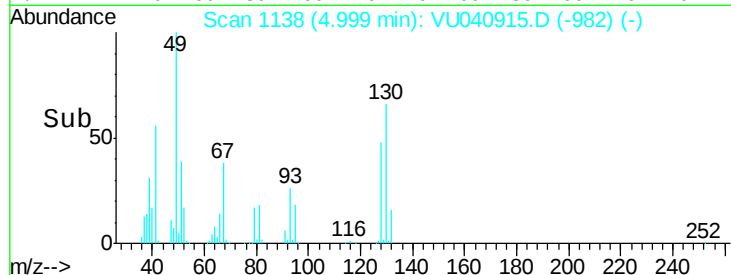
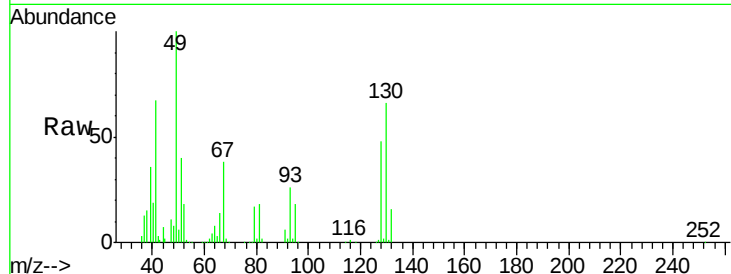
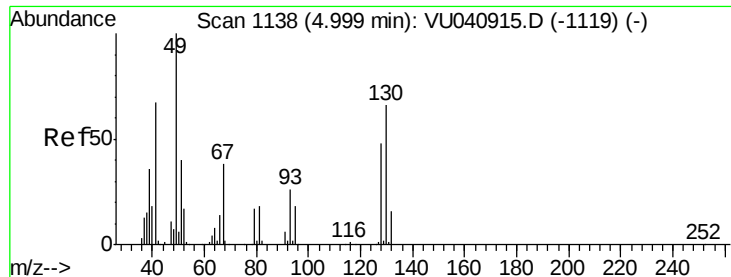
50000

0

6.70 6.80 6.90

Time-->





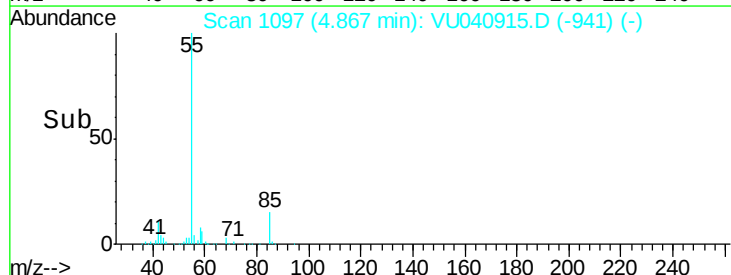
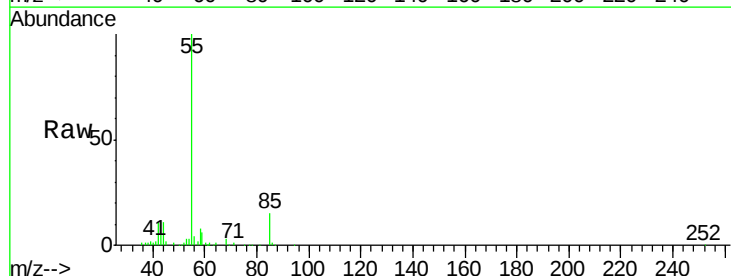
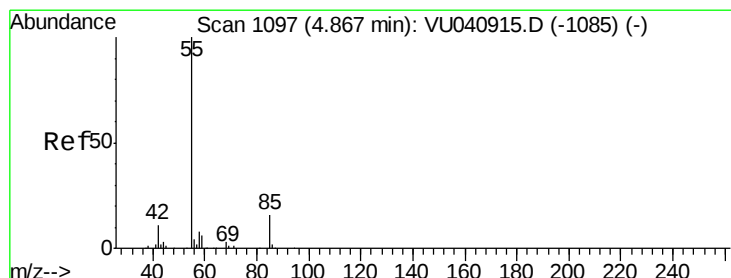
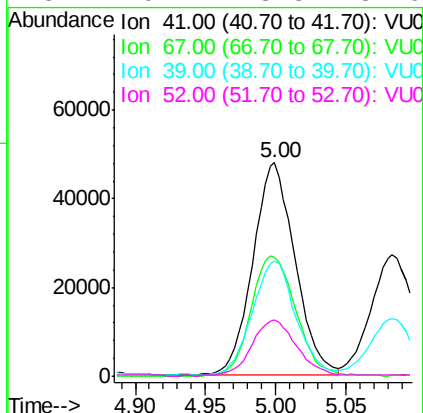
#39
Methacrylonitrile
Concen: 11.066 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tot Ion	41	Resp	99780
Ion	Ratio	Lower	Upper
41	100		
67	60.9	48.7	73.1
39	55.8	44.6	67.0
52	29.1	23.3	34.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

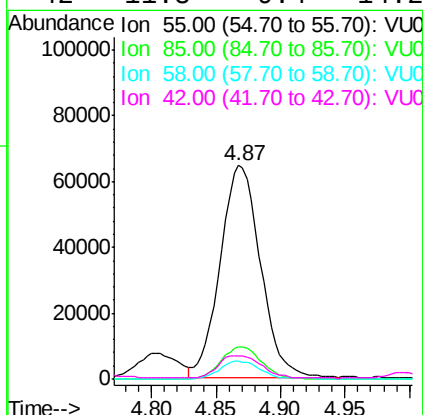
Manual Integrations
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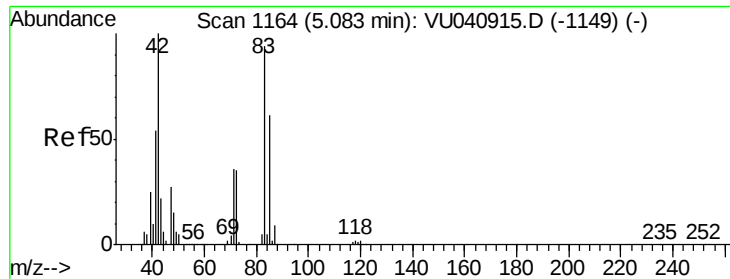
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#40
Methyl acrylate
Concen: 11.982 ug/l
RT: 4.87 min Scan# 1097
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	55	Resp	139615
Ion	Ratio	Lower	Upper
55	100		
85	15.2	12.2	18.2
58	8.5	6.8	10.2
42	11.8	9.4	14.2





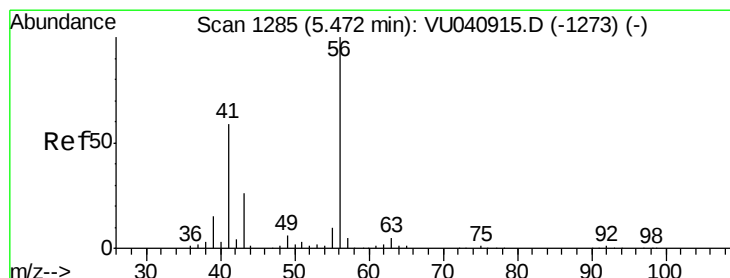
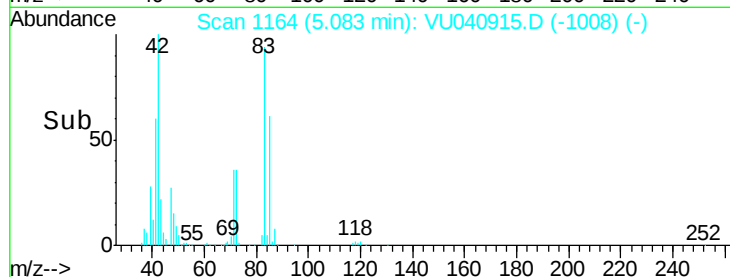
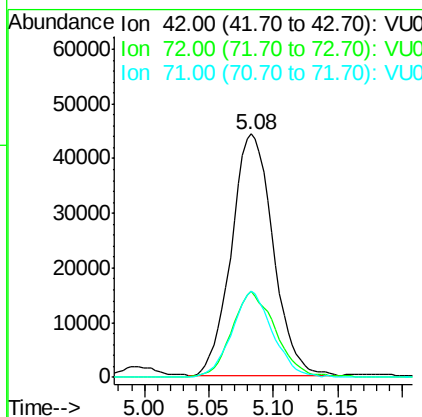
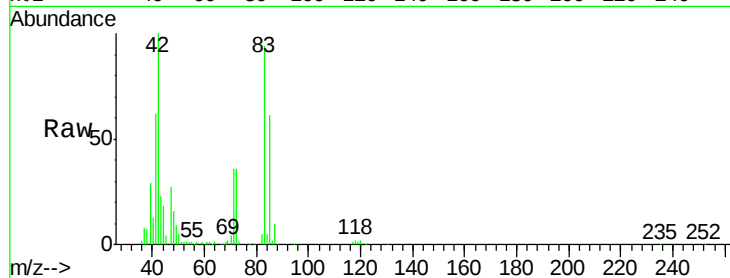
#41
Tetrahydrofuran
Concen: 22.644 ug/l
RT: 5.08 min Scan# 1164
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.6	30.1	45.1
71	34.9	27.9	41.9

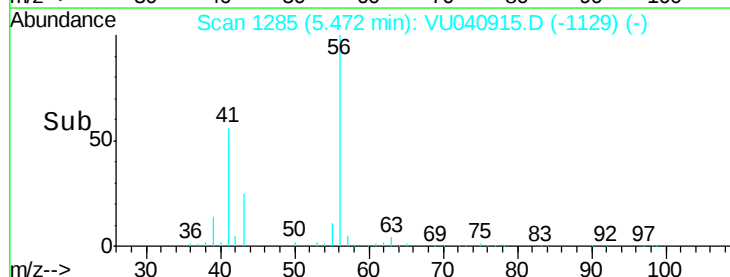
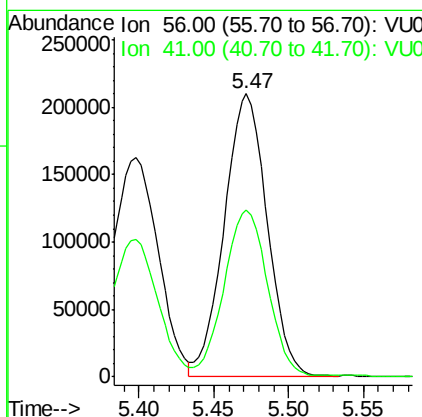
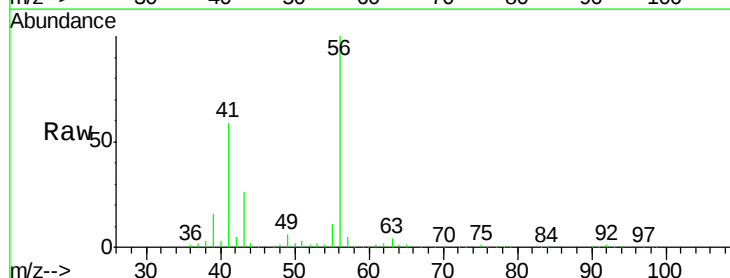
Manual Integrations
APPROVED

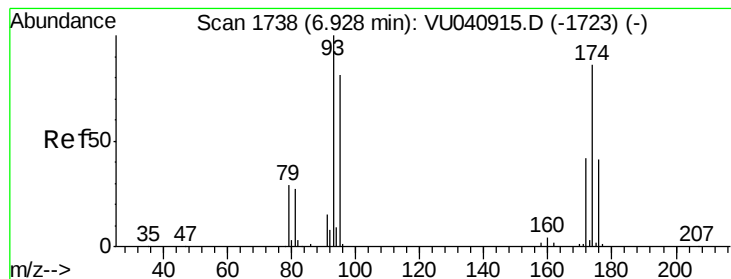
MMDadoda
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#42
1-Chlorobutane
Concen: 11.663 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
56	100		
41	59.2	29.6	88.8





#43

Dibromomethane

Concen: 10.673 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

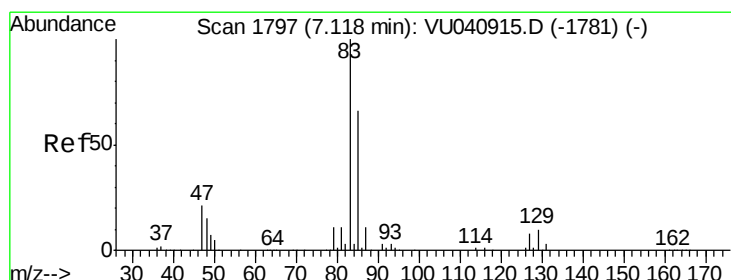
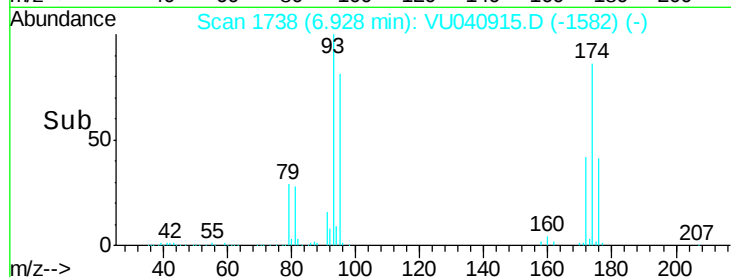
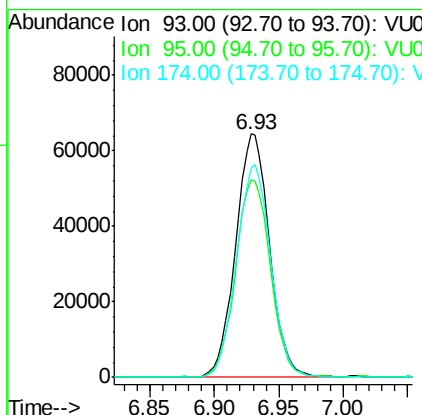
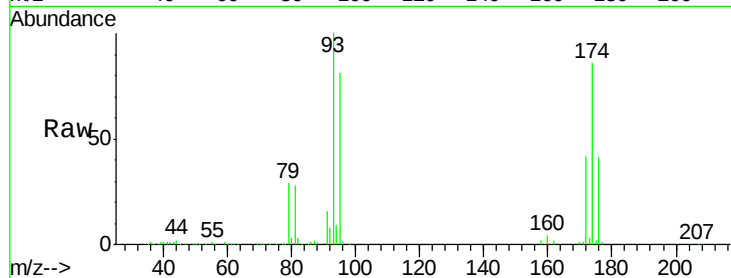
ClientSampleId :

VSTDICCC010

Tot Ion:	93	Resp:	117999
Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.3	99.5
174	88.0	70.4	105.6

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#44

Bromodichloromethane

Concen: 10.632 ug/l

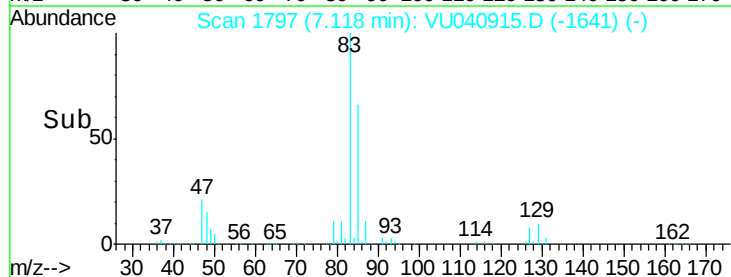
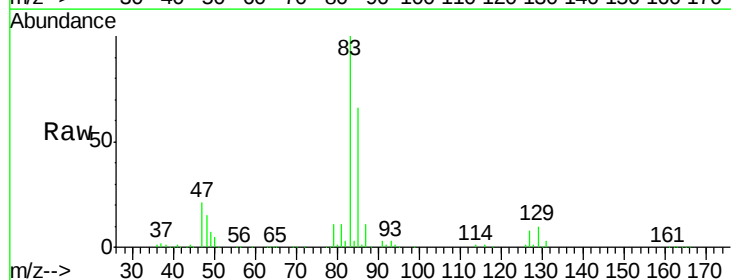
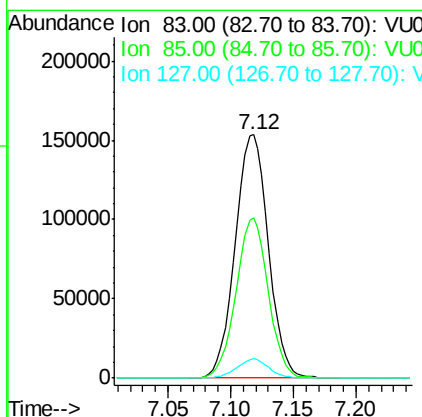
RT: 7.12 min Scan# 1797

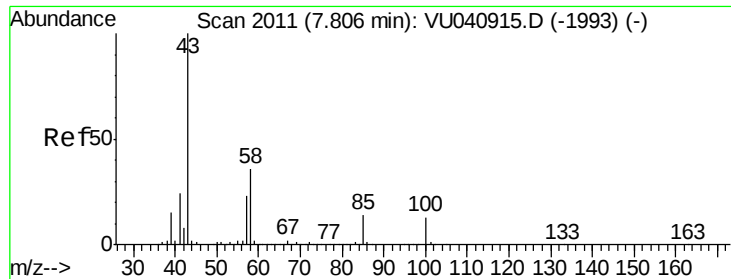
Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Tgt Ion:	83	Resp:	281558
Ion	Ratio	Lower	Upper
83	100		
85	65.7	52.6	78.8
127	8.0	6.4	9.6





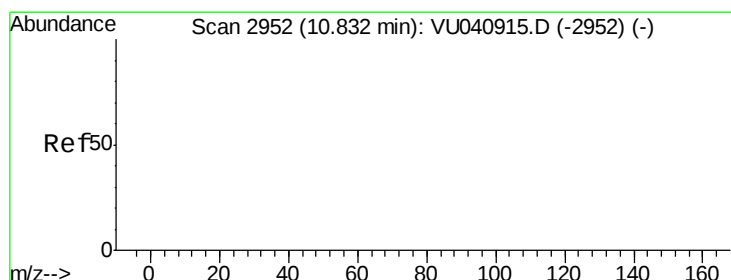
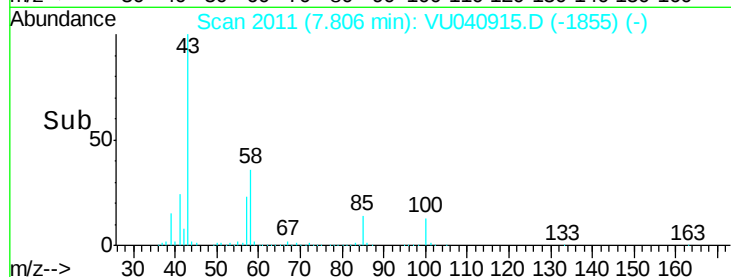
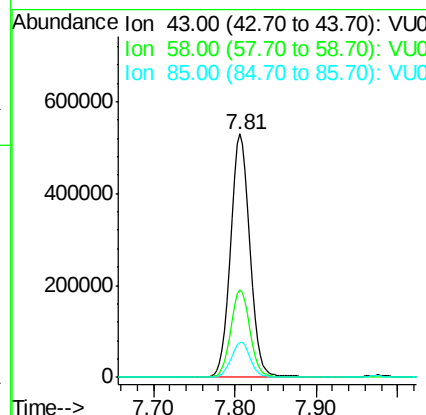
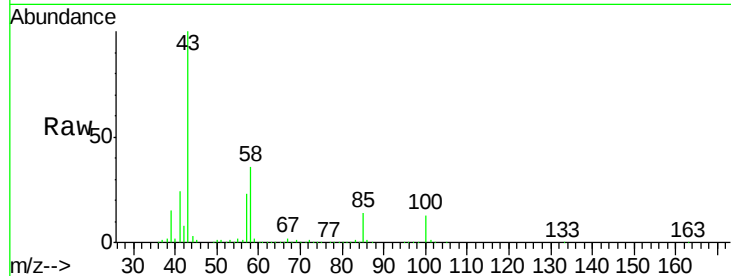
#45
4-Methyl-2-Pentanone
Concen: 58.851 ug/l
RT: 7.81 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.7	17.8	53.5
85	14.3	11.4	17.2

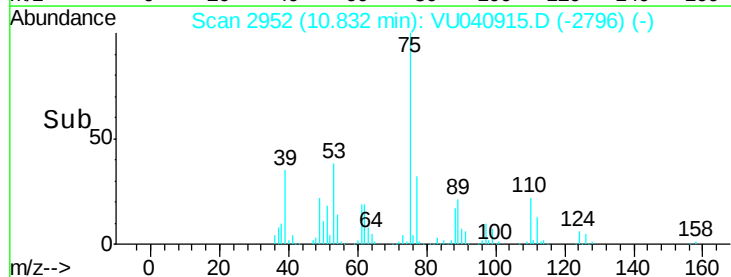
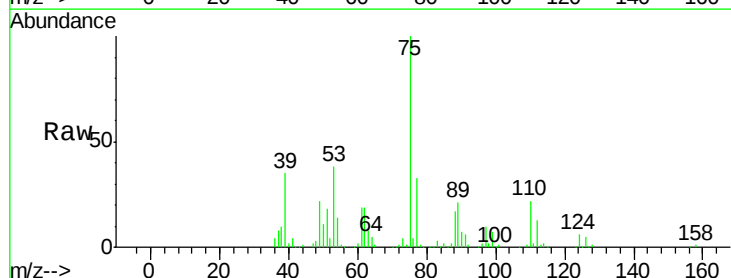
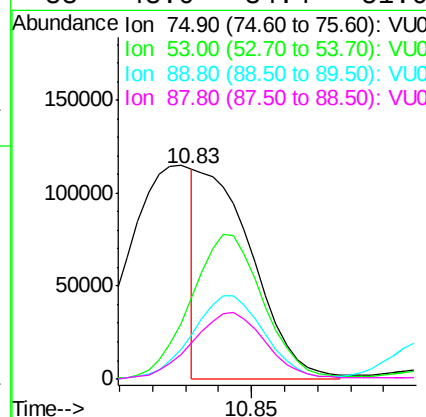
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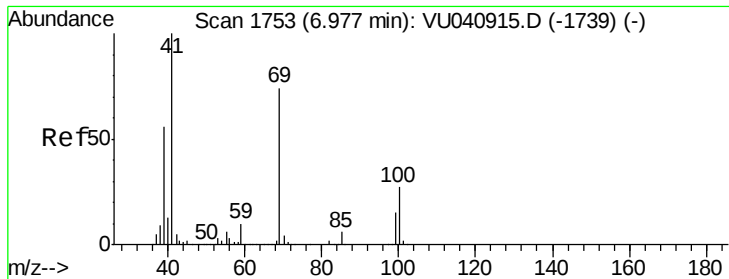
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#46
t-1,4-Dichloro-2-butene
Concen: 22.764 ug/l m
RT: 10.83 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
75	100		
53	91.2	73.0	109.4
89	52.1	41.7	62.5
88	43.0	34.4	51.6





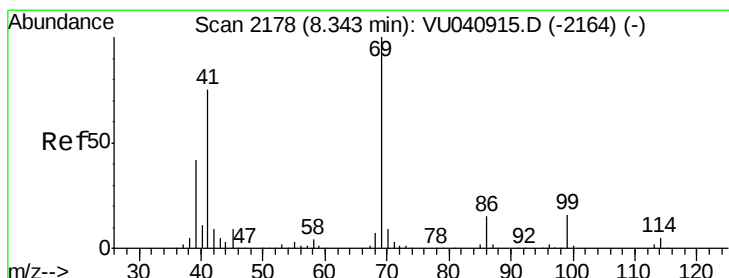
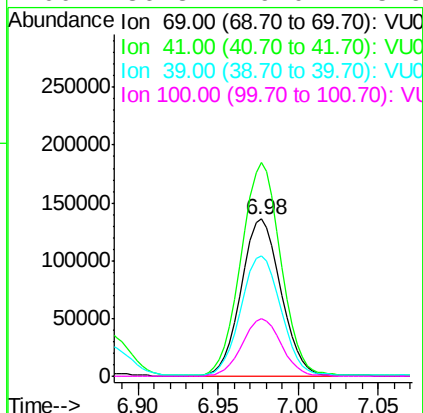
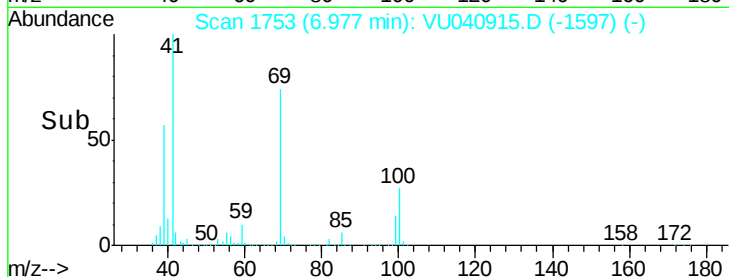
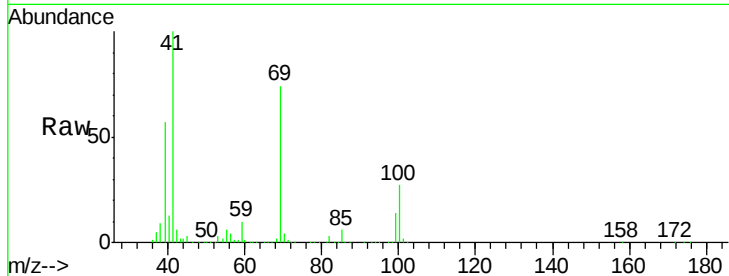
#47
Methyl methacrylate
Concen: 24.171 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
69	100		
41	135.1	0.0	270.2
39	77.0	61.6	92.4
100	36.3	29.0	43.6

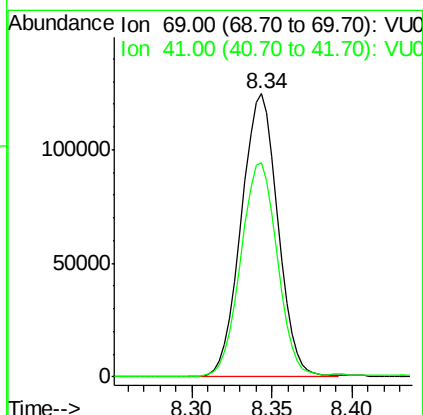
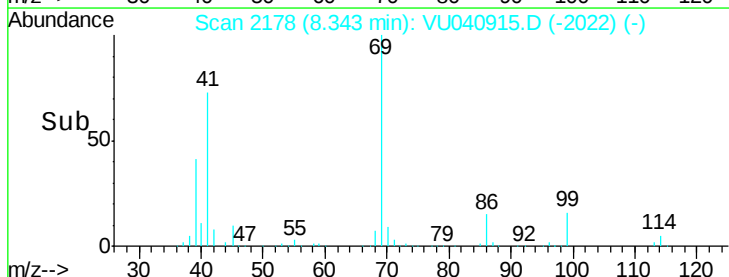
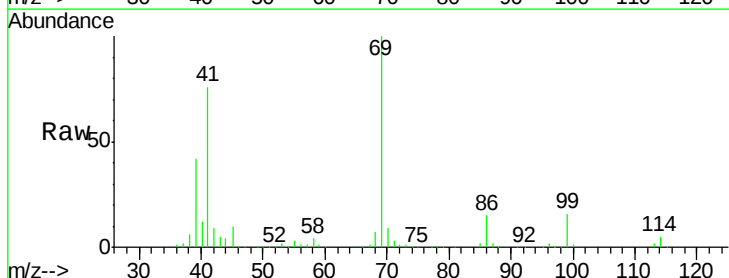
Manual Integrations
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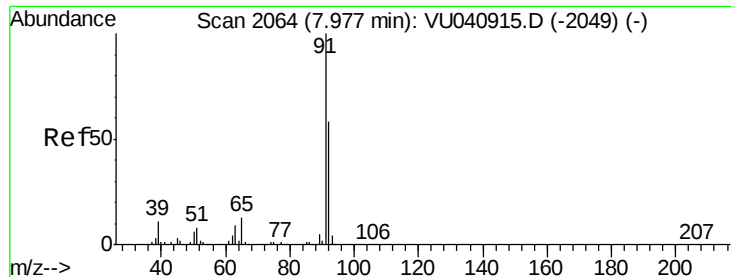
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#48
Ethyl methacrylate
Concen: 11.377 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.3	37.6	112.9





#49

Toluene

Concen: 11.635 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 92 Resp: 468626

Ion Ratio Lower Upper

92 100

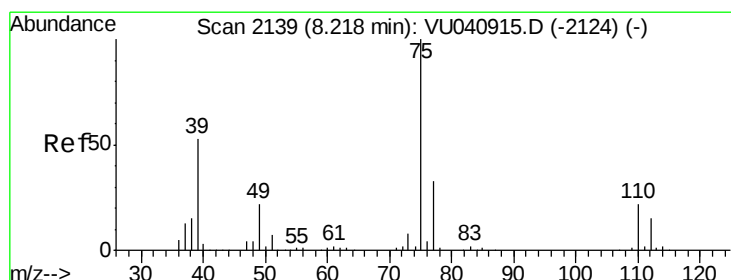
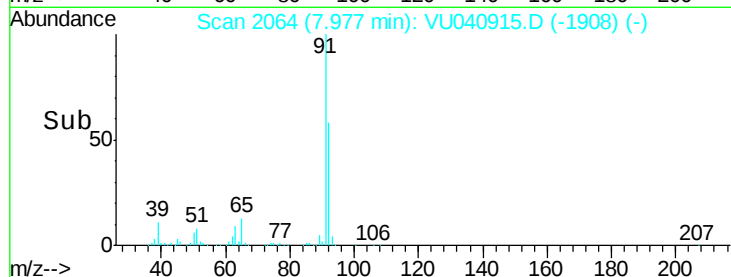
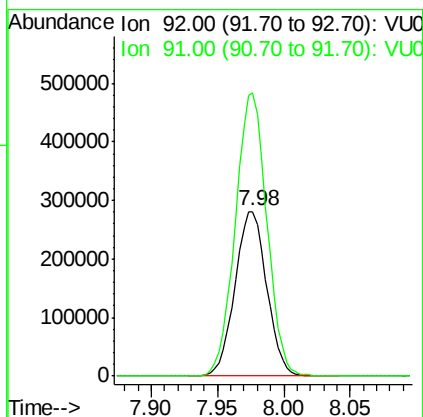
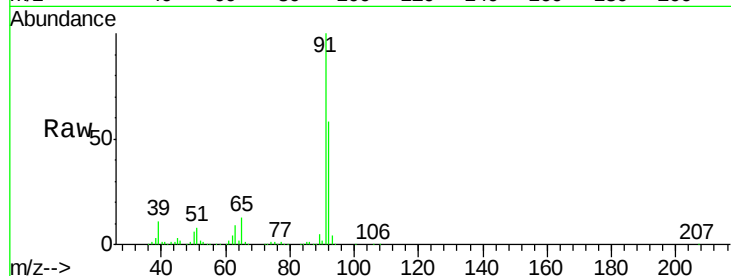
91 171.0 136.8 205.2

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 10.928 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. 0.00 min

Lab File: VU040915.D

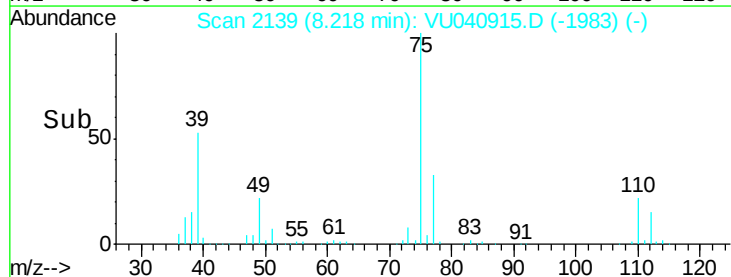
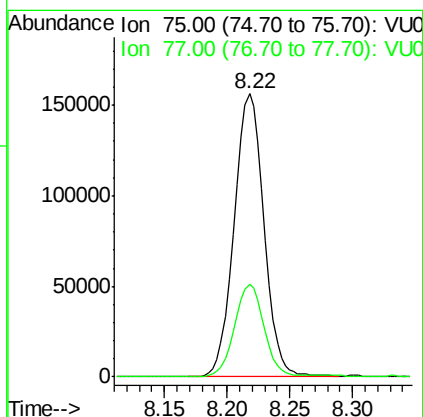
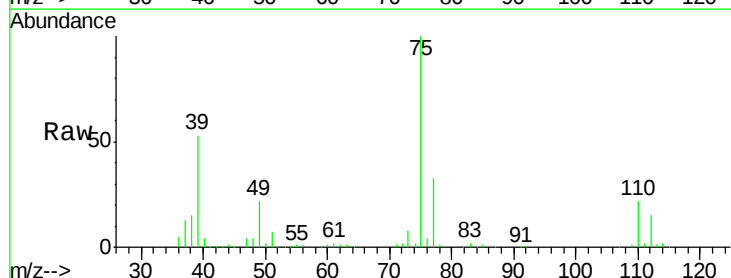
Acq: 22 Oct 2020 20:30

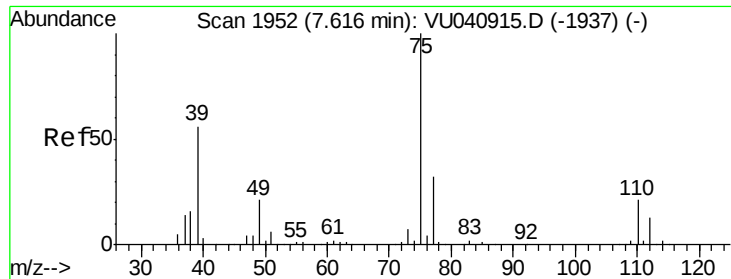
Tgt Ion: 75 Resp: 259078

Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4





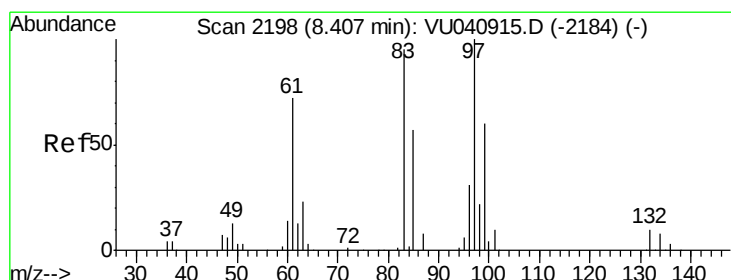
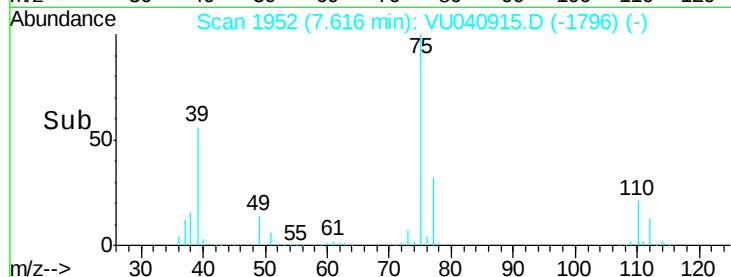
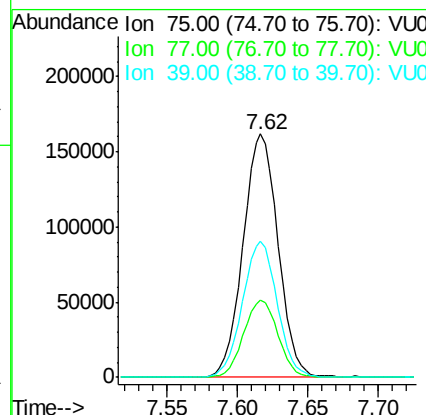
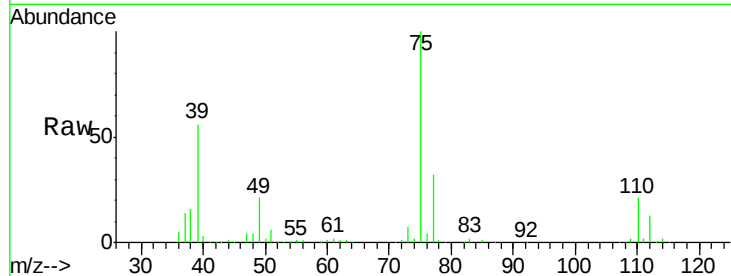
#51
 cis-1,3-Dichloropropene
 Concen: 10.710 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.4	38.0
39	55.9	44.7	67.1

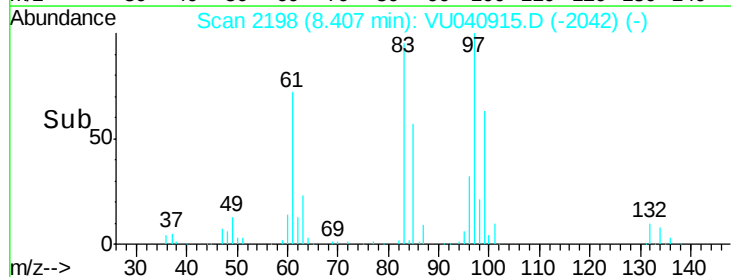
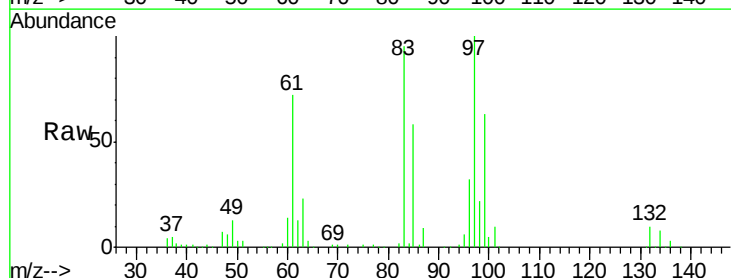
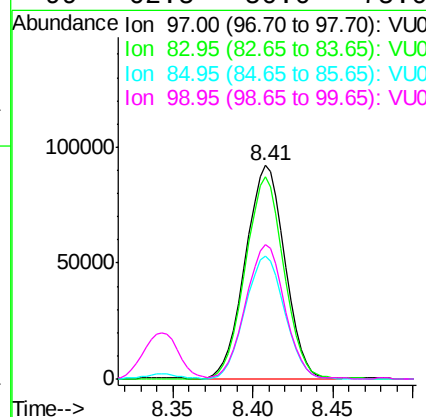
Manual Integrations
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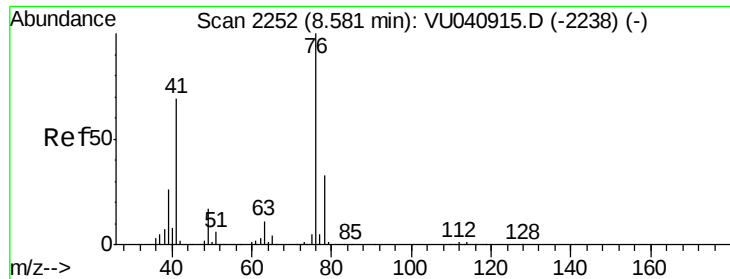
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#52
 1,1,2-Trichloroethane
 Concen: 10.949 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.9	75.9	113.9
85	57.6	46.1	69.1
99	62.5	50.0	75.0





#53

1,3-Dichloropropane

Concen: 11.114 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion: 76 Resp: 283069

Ion Ratio Lower Upper

76 100

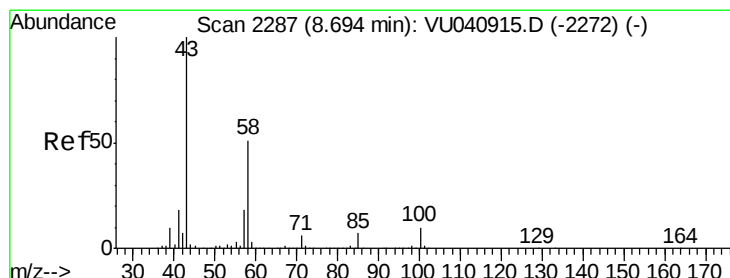
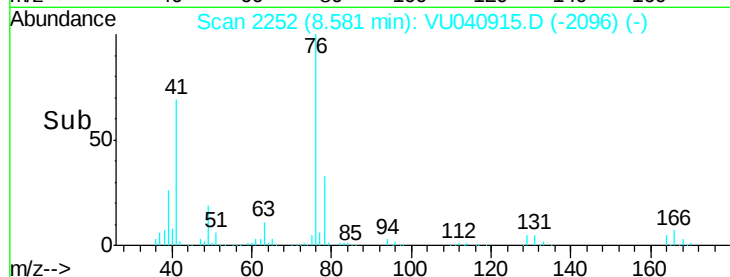
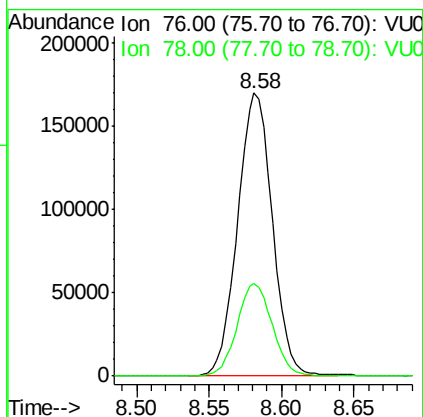
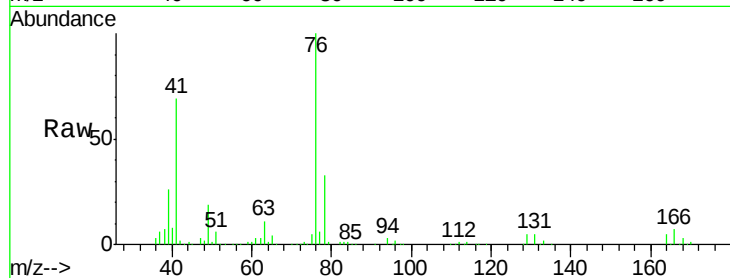
78 33.2 26.6 39.8

Manual Integrations

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#54

2-Hexanone

Concen: 56.875 ug/l

RT: 8.69 min Scan# 2287

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

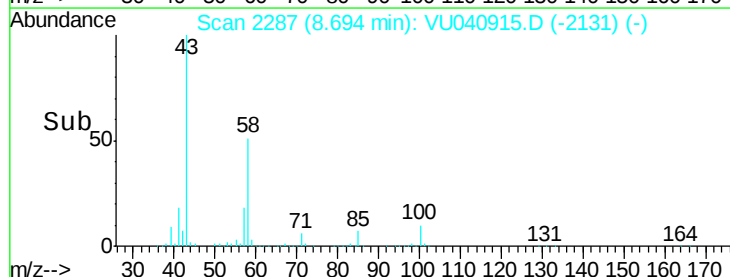
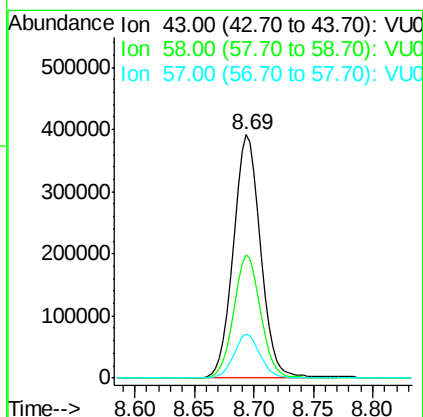
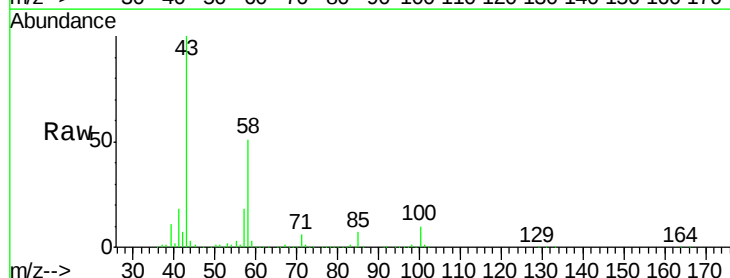
Tgt Ion: 43 Resp: 621303

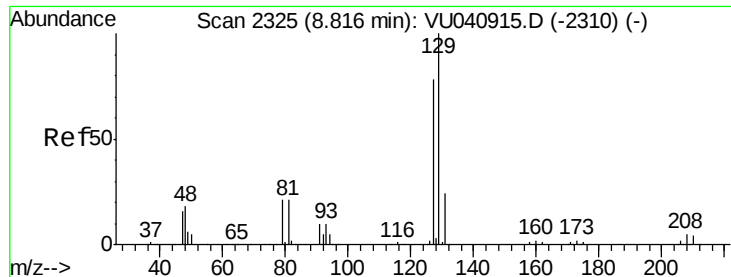
Ion Ratio Lower Upper

43 100

58 50.2 30.2 70.2

57 17.4 0.0 37.4





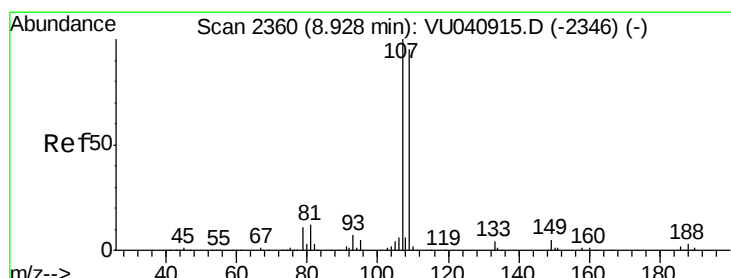
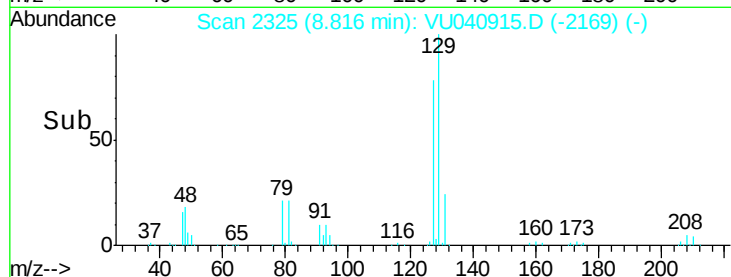
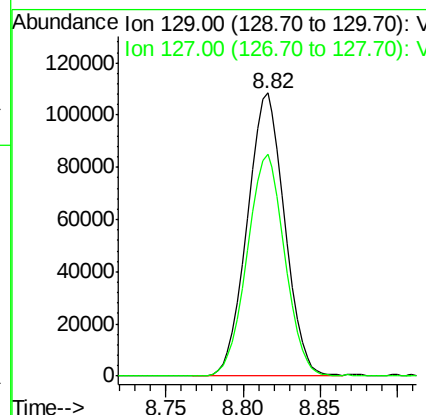
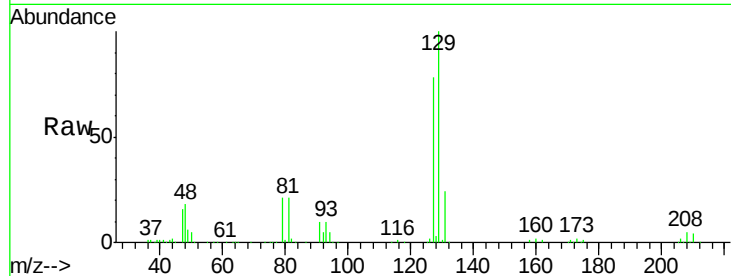
#55
 Dibromochloromethane
 Concen: 11.041 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.9	63.1	94.7

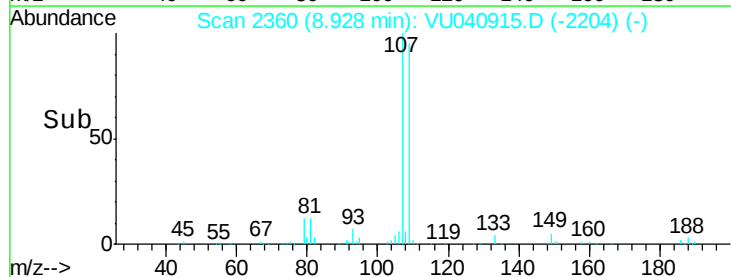
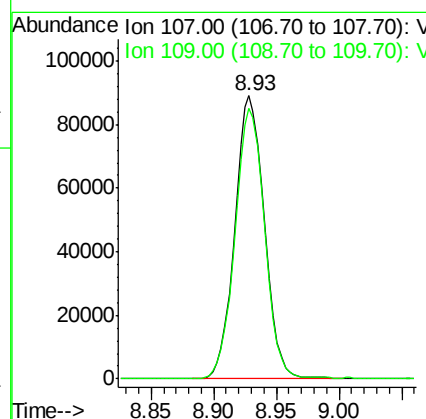
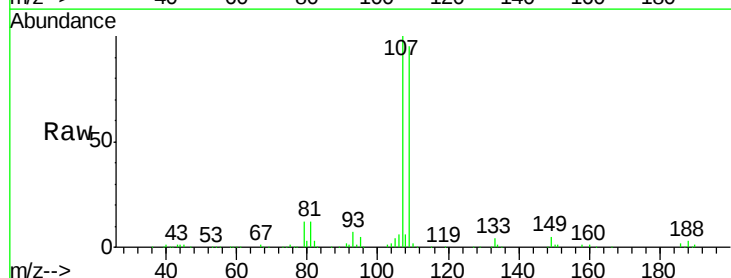
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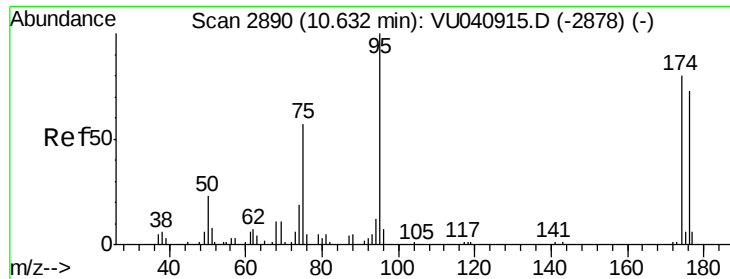
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#56
 1,2-Dibromoethane
 Concen: 11.015 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.2	0.0	190.4





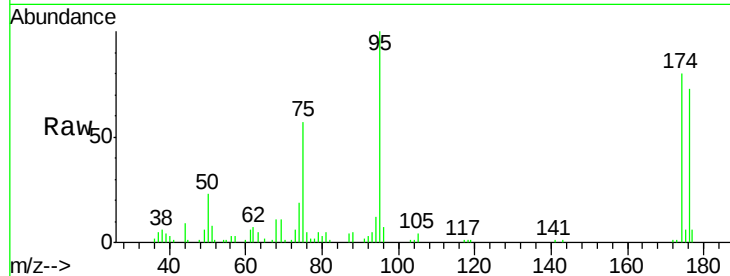
#57
4-Bromofluorobenzene
Concen: 0.953 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Resp	Lower	Upper
95	100	23161		
174	75.4	60.3	90.5	
176	69.5	55.6	83.4	

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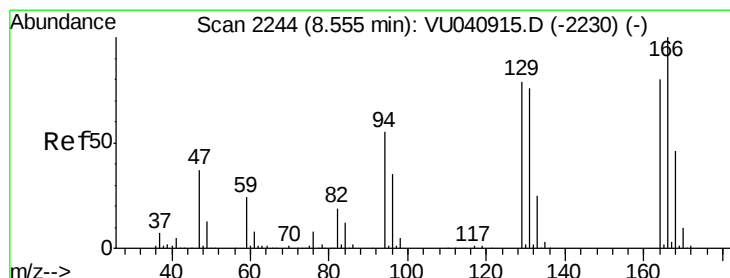
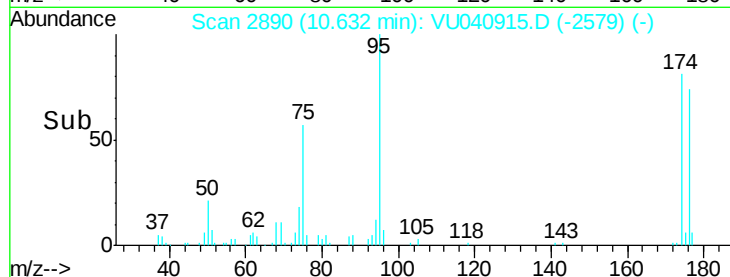
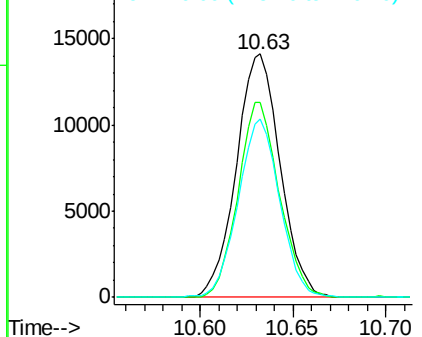
MMDadoda
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Abundance Ion 95.00 (94.70 to 95.70): VU040915.D (-2878) (-)

Ion 174.00 (173.70 to 174.70): VU040915.D (-2878) (-)

Ion 176.00 (175.70 to 176.70): VU040915.D (-2878) (-)



#58
Tetrachloroethene
Concen: 10.337 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

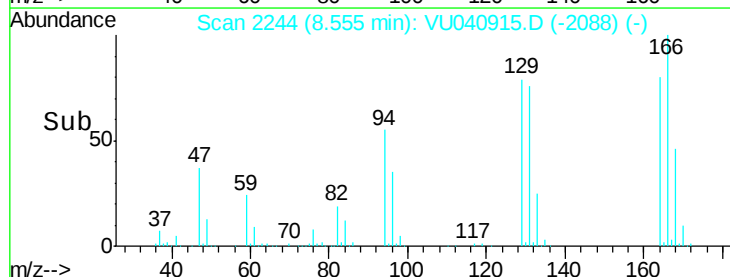
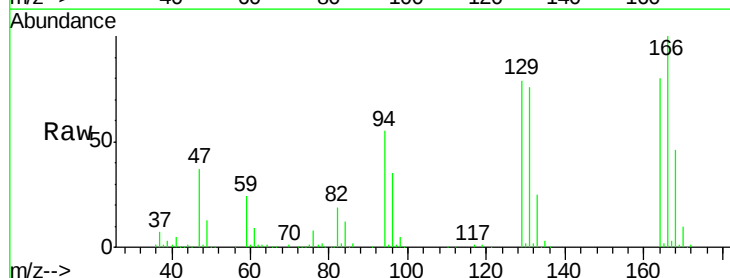
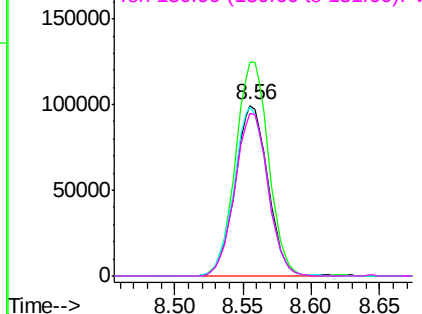
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	166358		
166	125.4	100.3	150.5	
129	99.2	79.4	119.0	
131	95.3	76.2	114.4	

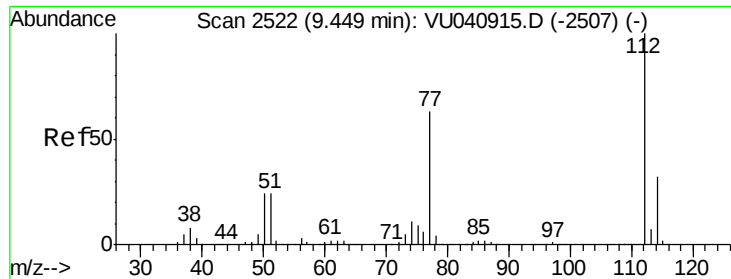
Abundance Ion 163.85 (163.55 to 164.55): VU040915.D (-2230) (-)

Ion 165.80 (165.50 to 166.50): VU040915.D (-2230) (-)

Ion 128.90 (128.60 to 129.60): VU040915.D (-2230) (-)

Ion 130.90 (130.60 to 131.60): VU040915.D (-2230) (-)





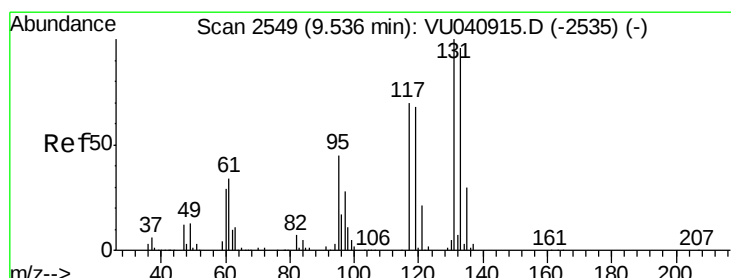
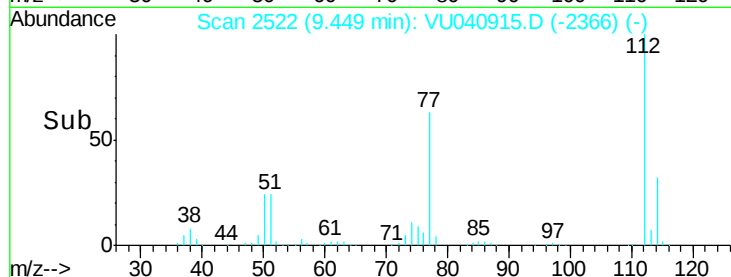
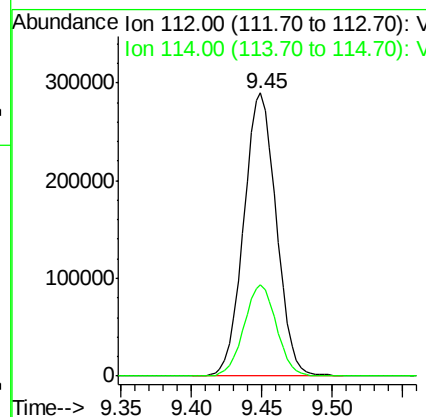
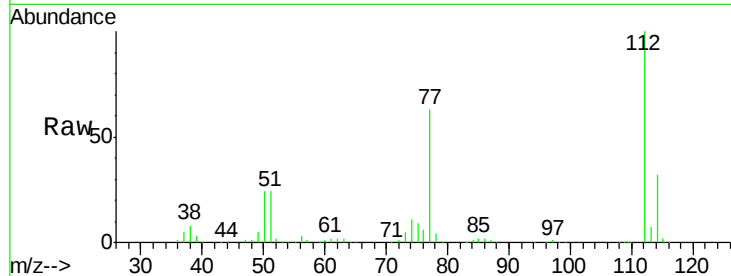
#59
Chlorobenzene
Concen: 10.721 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.8	38.8

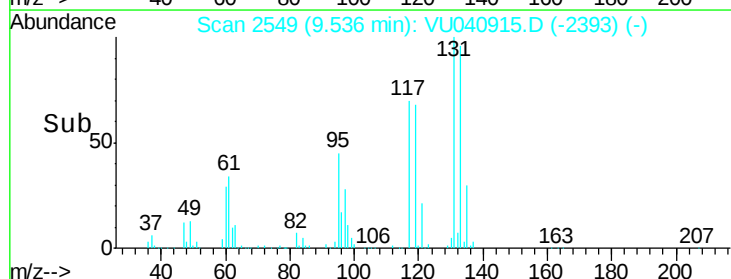
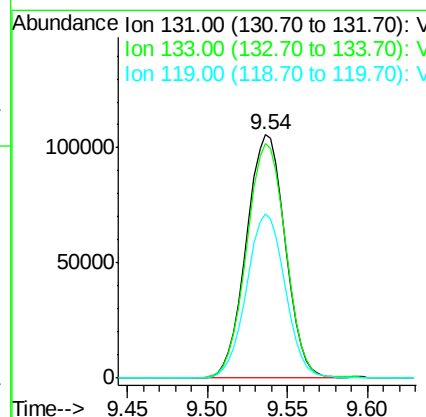
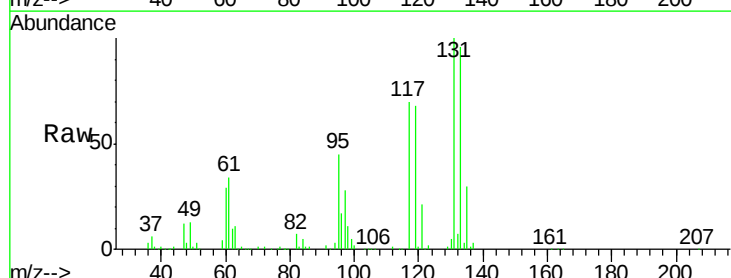
Manual Integrations
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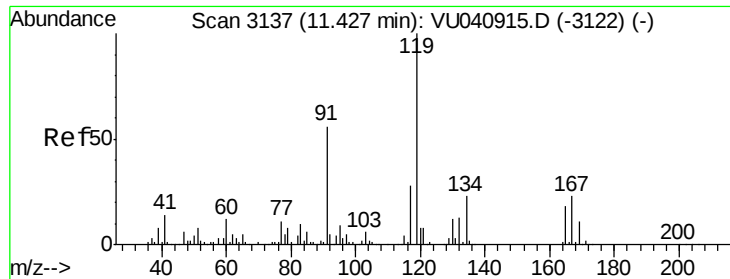
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 10.887 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	77.4	116.0
119	66.9	53.5	80.3





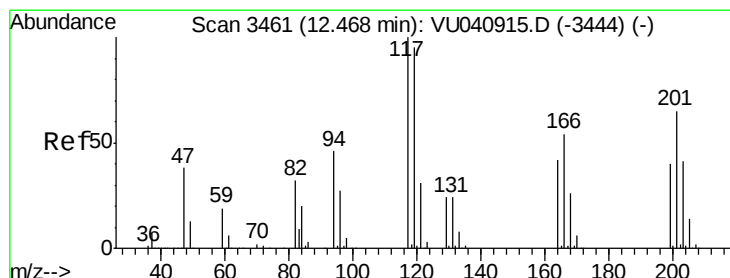
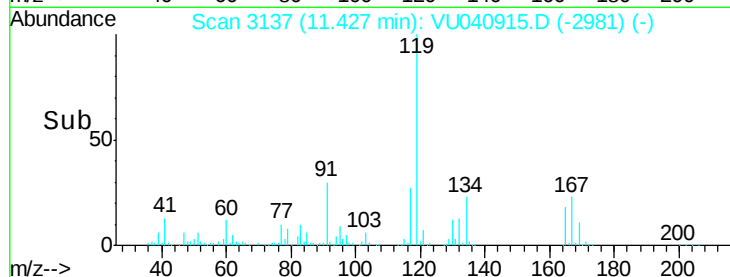
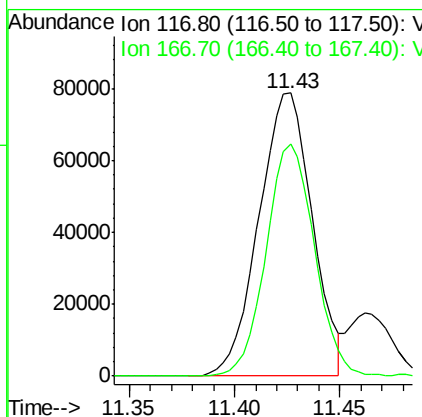
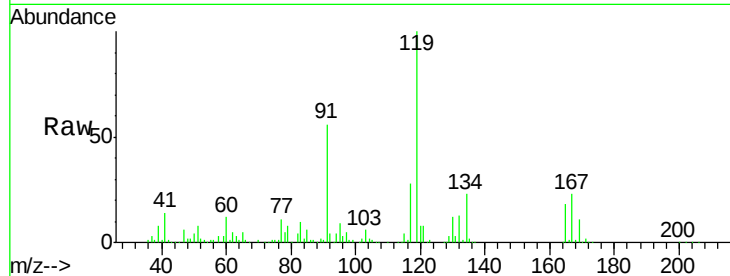
#61
 Pentachloroethane
 Concen: 12.194 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion:117 Resp: 138845
 Ion Ratio Lower Upper
 117 100
 167 74.3 59.4 89.2

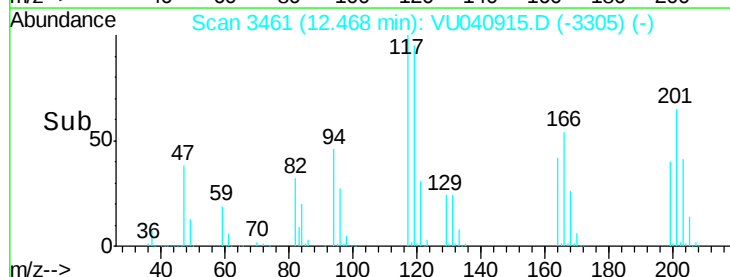
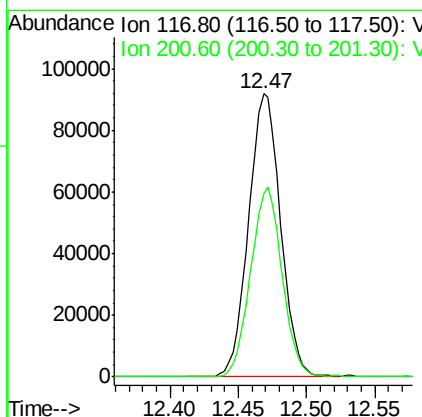
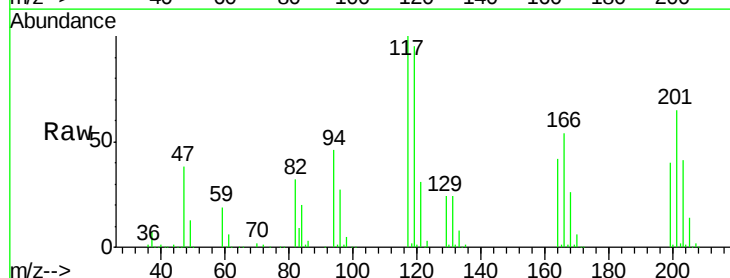
Manual Integrations
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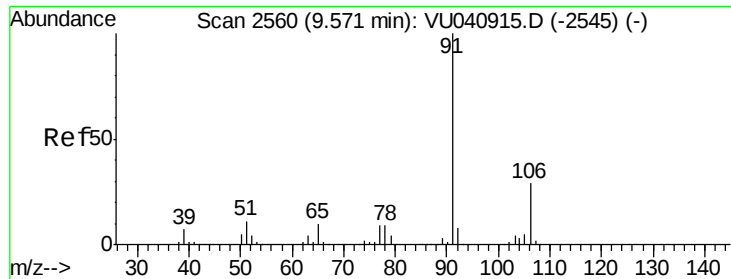
MMDadoda
 10/26/2020 4:14:59 PM



#62
 Hexachloroethane
 Concen: 10.744 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion:117 Resp: 149907
 Ion Ratio Lower Upper
 117 100
 201 65.7 52.6 78.8





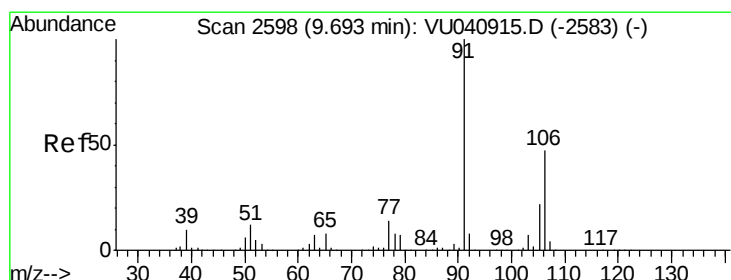
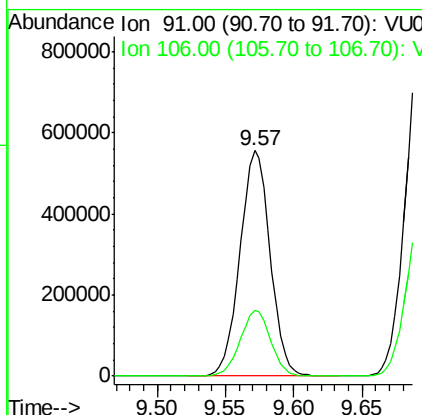
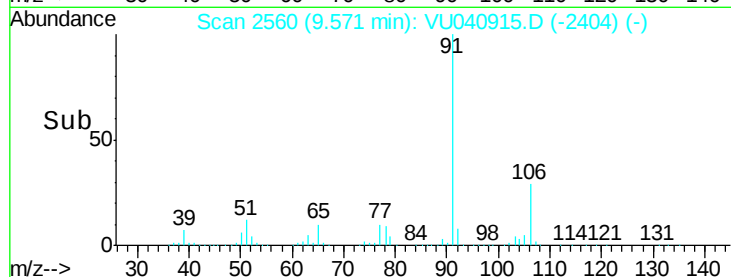
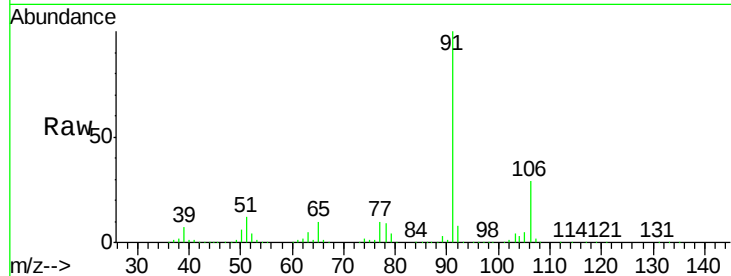
#63
Ethyl Benzene
Concen: 11.385 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion: 91 Resp: 852769
Ion Ratio Lower Upper
91 100
106 29.4 23.5 35.3

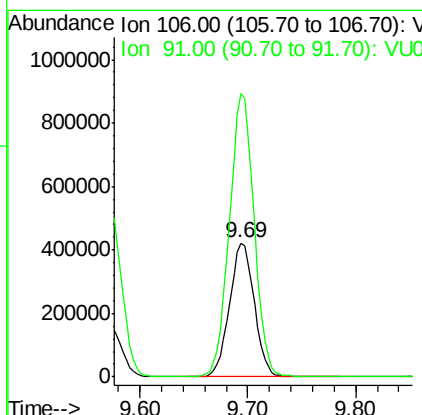
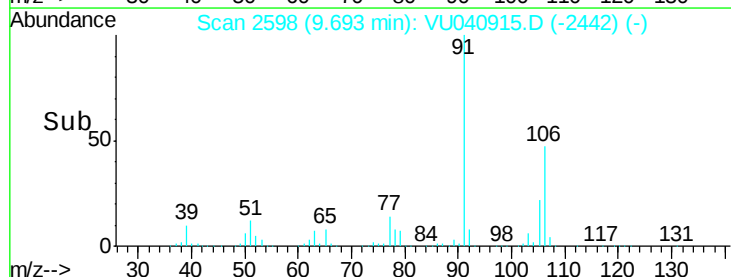
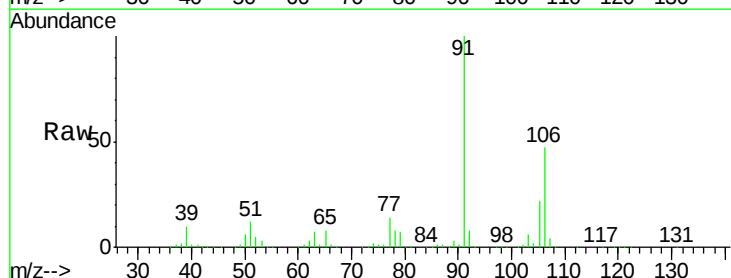
Manual Integrations
APPROVED

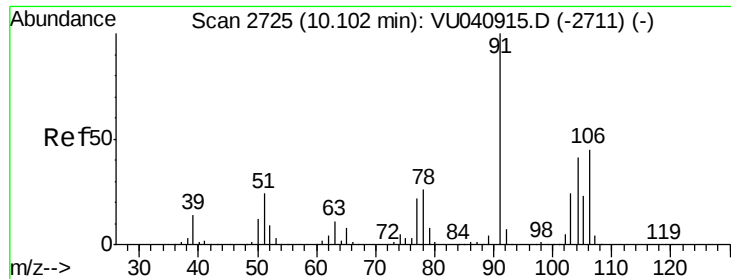
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#64
m/p-Xylenes
Concen: 23.976 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion: 106 Resp: 675497
Ion Ratio Lower Upper
106 100
91 210.4 168.3 252.5





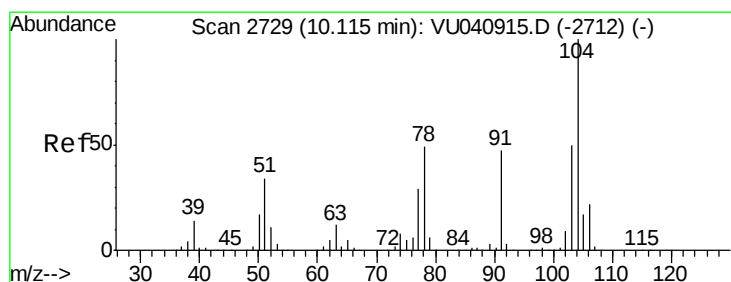
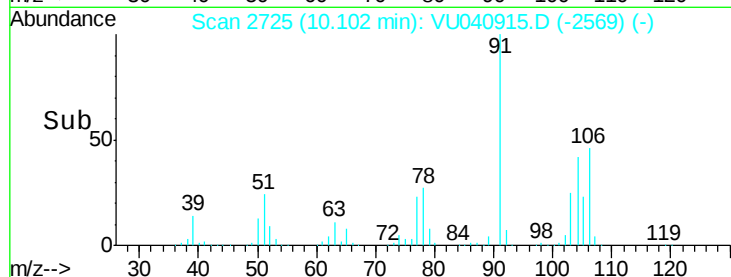
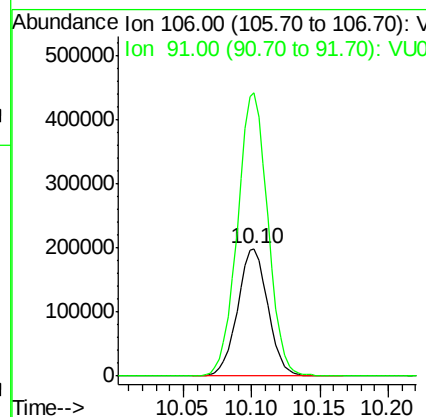
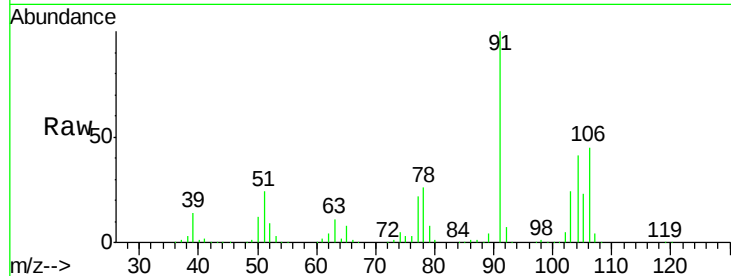
#65
o-Xylene
Concen: 11.341 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		305985		
91	222.6	111.3	333.9		

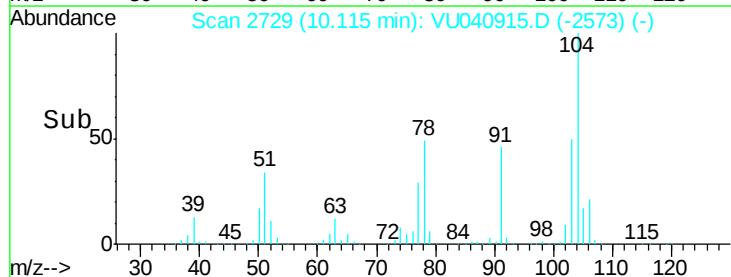
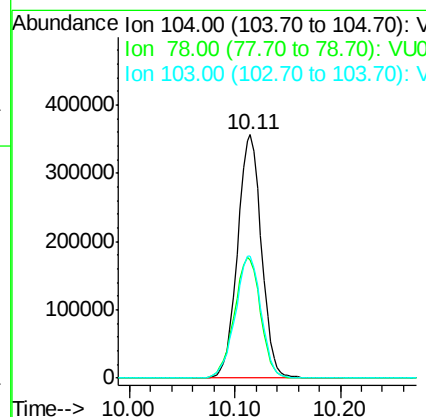
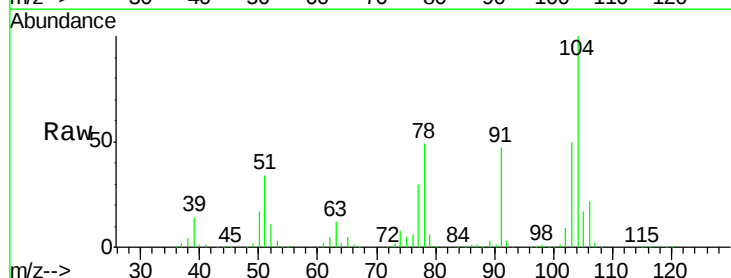
Manual Integrations
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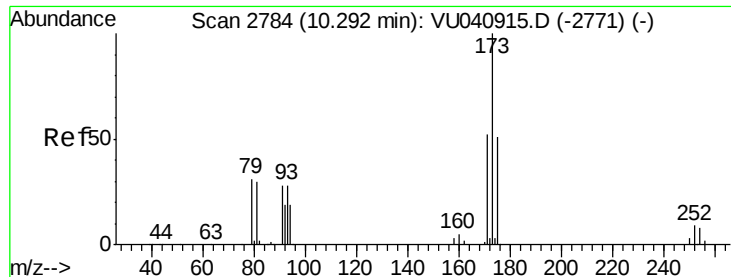
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#66
Styrene
Concen: 11.788 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		559246		
78	54.2	43.4	65.0		
103	53.9	43.1	64.7		





#67

Bromoform

Concen: 11.835 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

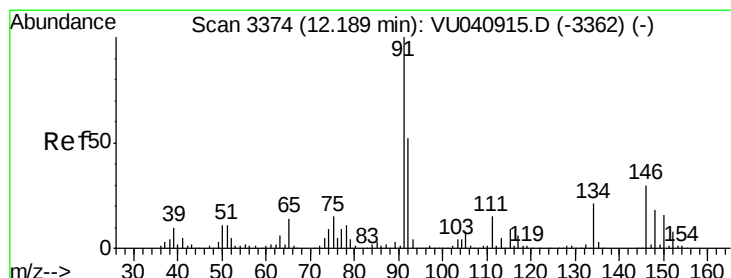
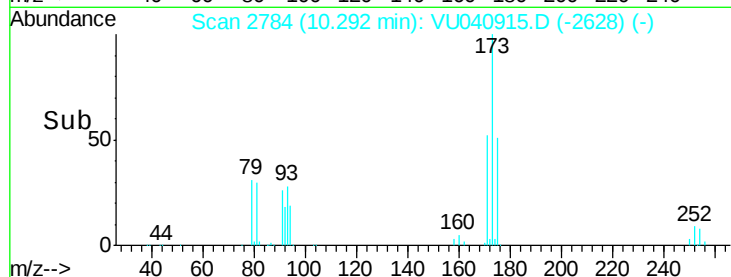
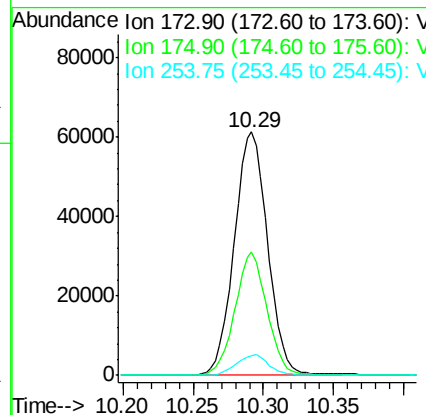
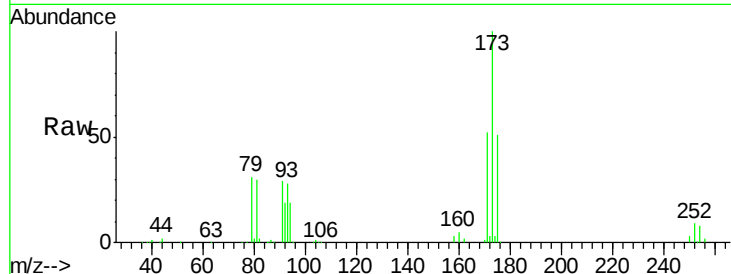
ClientSampleId :

VSTDICCC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	39.0	58.4
254	8.2	6.6	9.8

Manual Integrations
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#68

1,2-Dichlorobenzene-d4

Concen: 1.011 ug/l

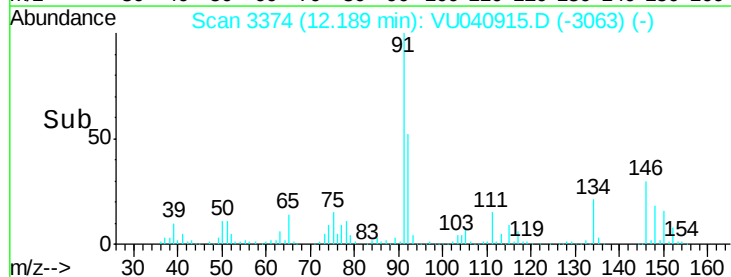
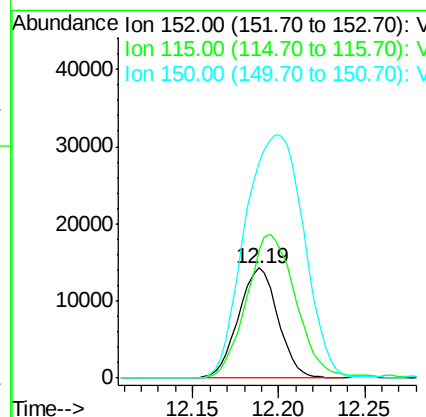
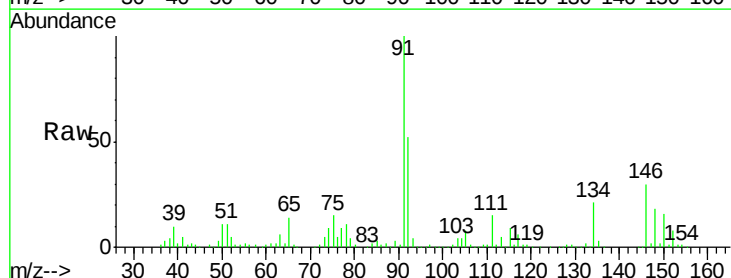
RT: 12.19 min Scan# 3374

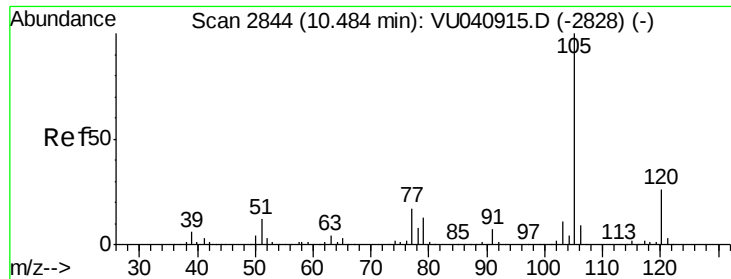
Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	161.7	0.0	323.4
150	326.9	0.0	653.8





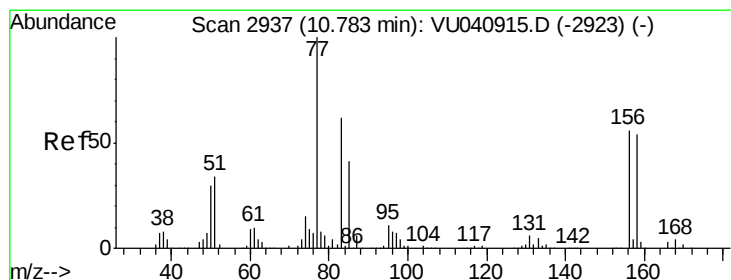
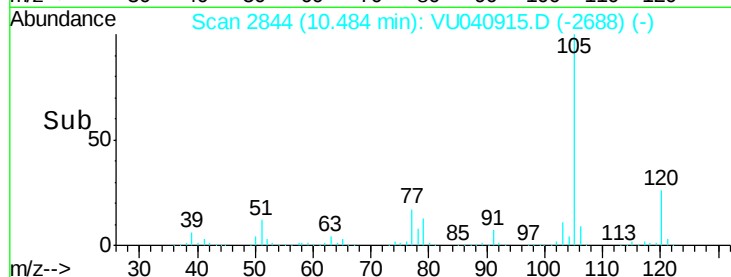
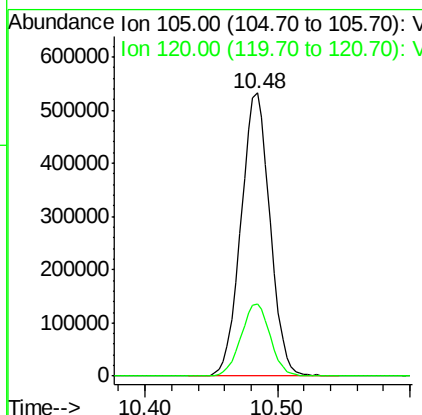
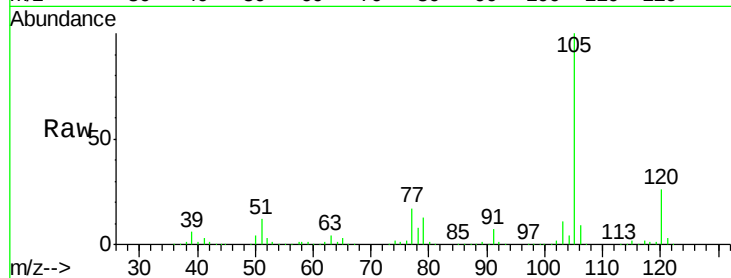
#69
Isopropylbenzene
Concen: 10.958 ug/l
RT: 10.48 min Scan# 2844
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.7	12.9	38.6

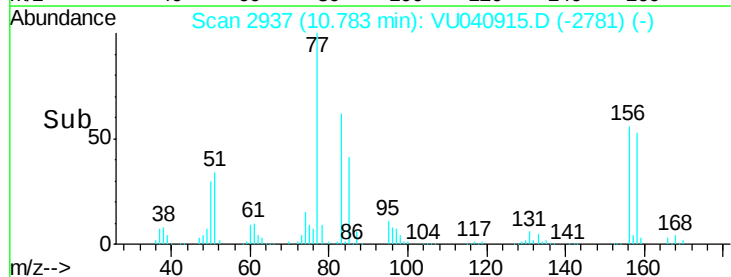
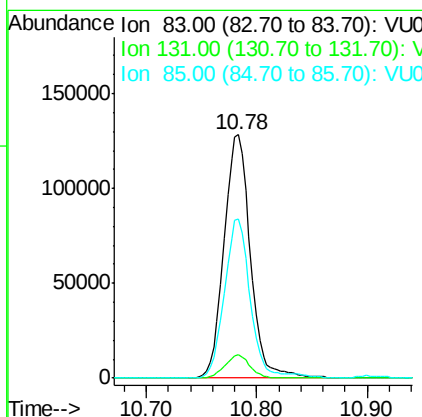
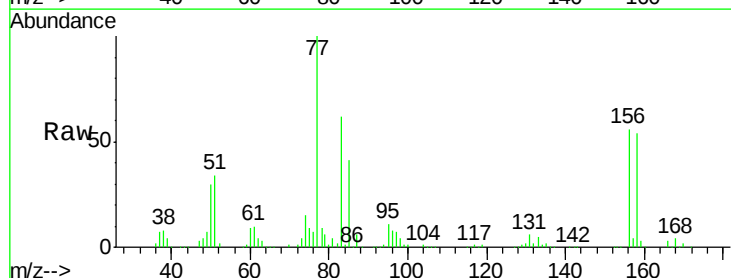
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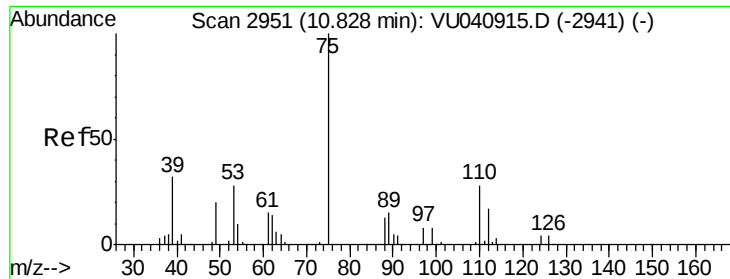
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#70
1,1,2,2-Tetrachloroethane
Concen: 11.205 ug/l
RT: 10.78 min Scan# 2937
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
83	100		
131	8.9	7.1	10.7
85	64.7	51.8	77.6





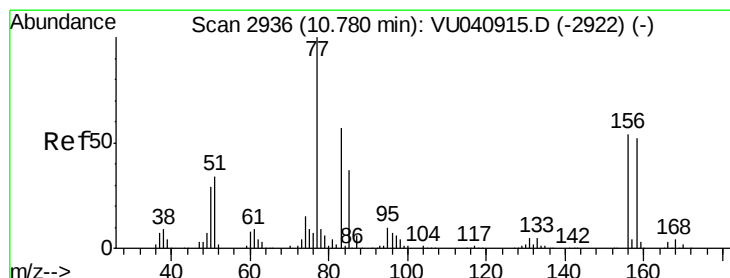
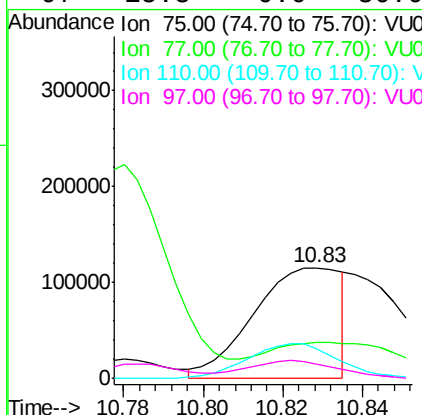
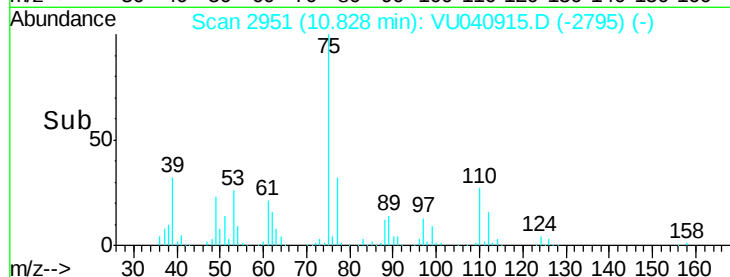
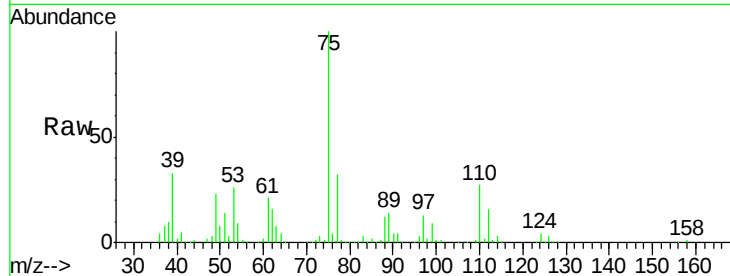
#71
1,2,3-Trichloropropane
Concen: 12.181 ug/l m
RT: 10.83 min Scan# 2951
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	75	Resp	178034
Ion Ratio	Lower	Upper	
75	100		
77	48.8	0.0	110.8
110	32.3	0.0	73.4
97	15.8	0.0	36.0

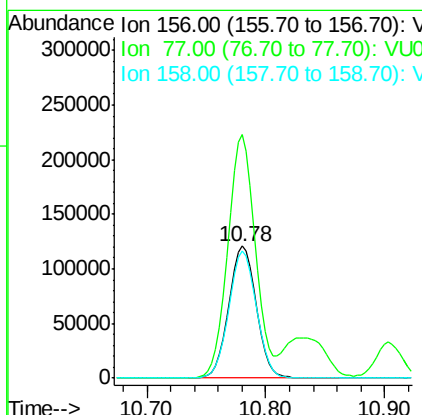
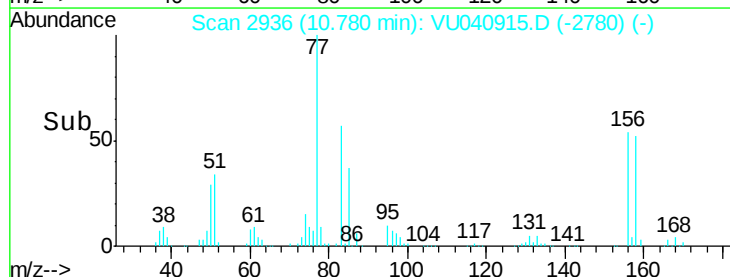
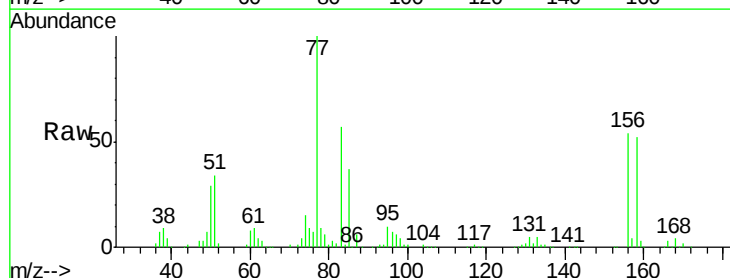
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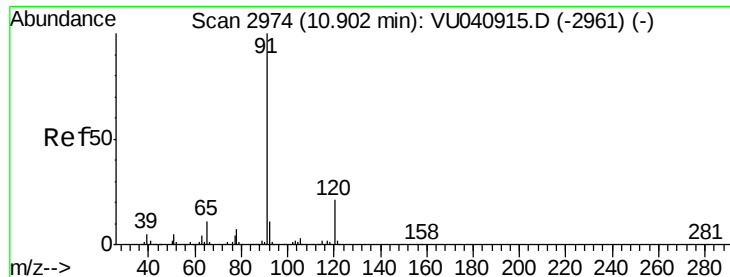
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#72
Bromobenzene
Concen: 11.094 ug/l
RT: 10.78 min Scan# 2936
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	156	Resp	193800
Ion Ratio	Lower	Upper	
156	100		
77	185.1	0.0	370.2
158	96.6	0.0	193.2





#73

n-propylbenzene

Concen: 11.618 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:120 Resp: 237951

Ion Ratio Lower Upper

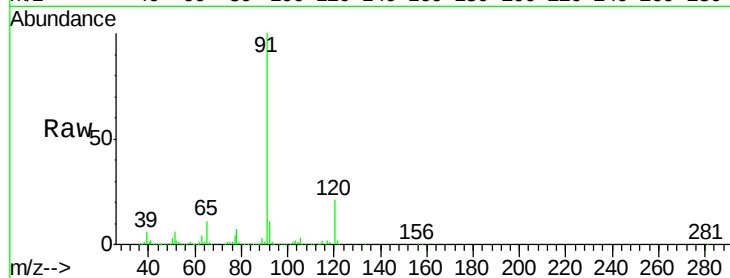
120 100

91 463.5 370.8 556.2

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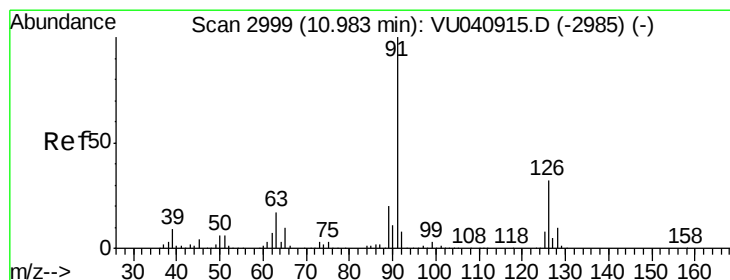
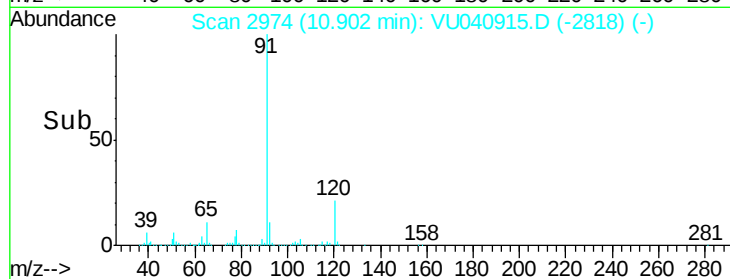
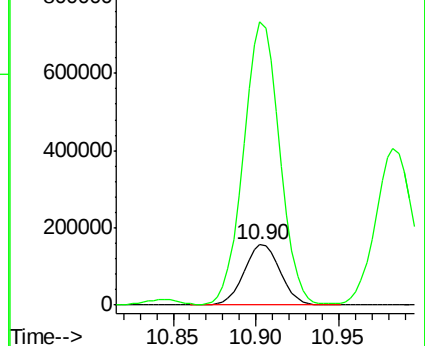
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 11.184 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VU040915.D

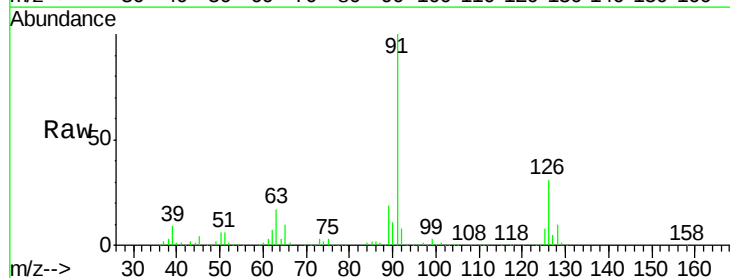
Acq: 22 Oct 2020 20:30

Tgt Ion:126 Resp: 199892

Ion Ratio Lower Upper

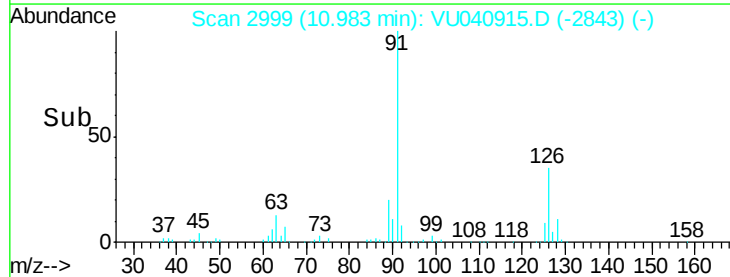
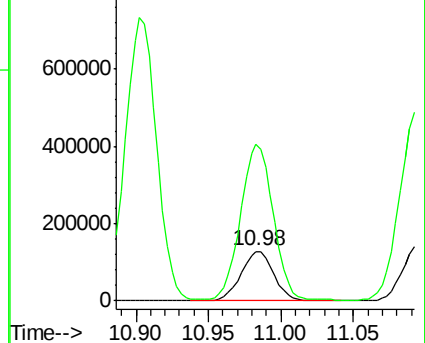
126 100

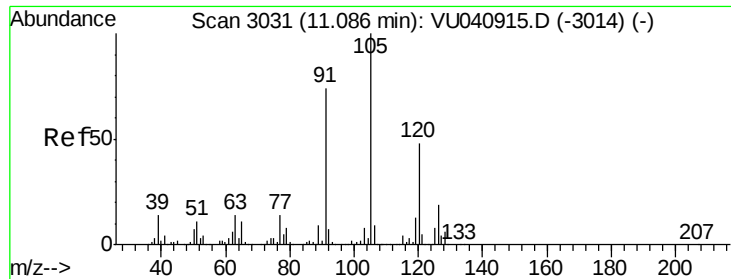
91 316.6 0.0 633.2



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: 11.384 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC010

Tot Ion:105 Resp: 736023

Ion Ratio Lower Upper

105 100

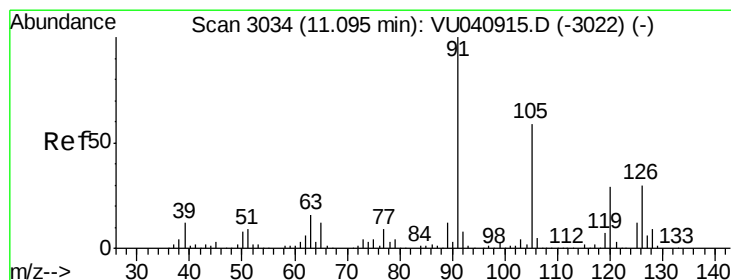
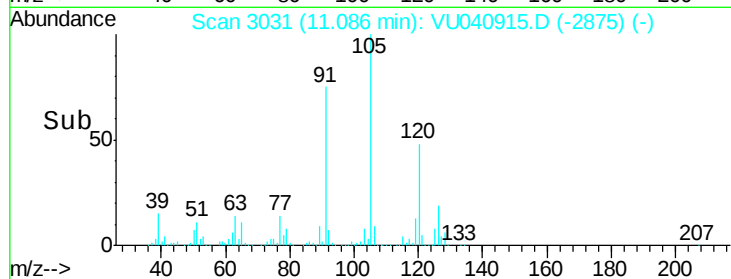
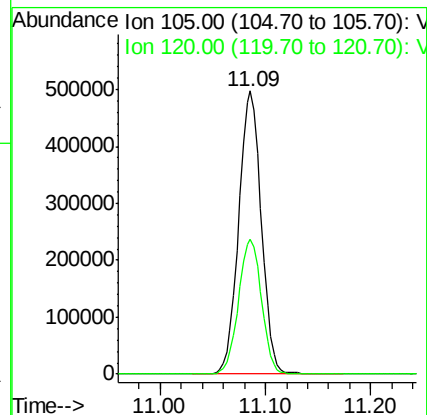
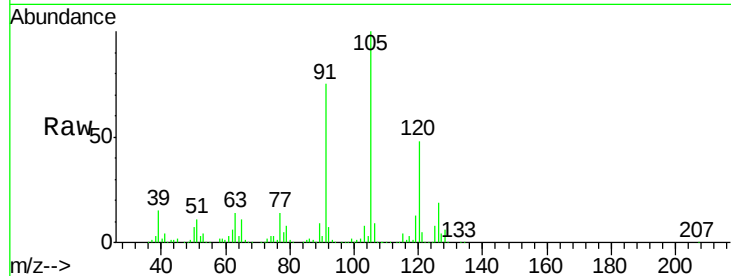
120 48.4 38.7 58.1

Manual Integrations

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#76

4-Chlorotoluene

Concen: 11.149 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU040915.D

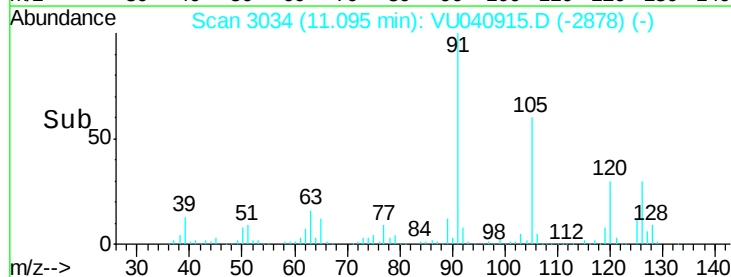
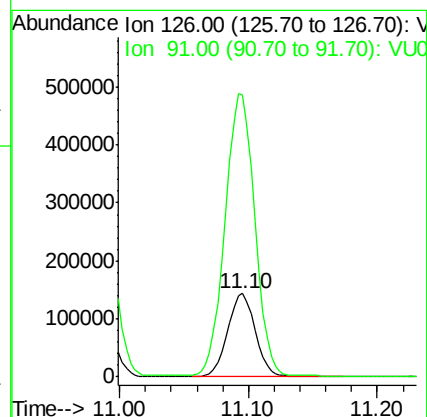
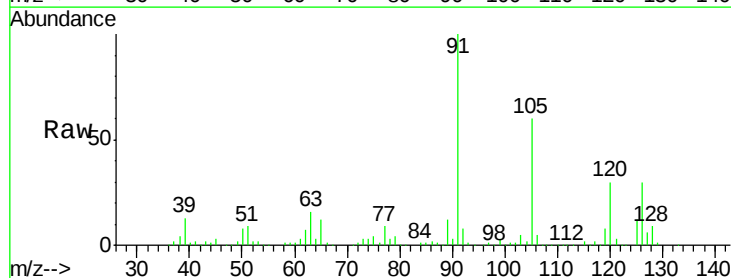
Acq: 22 Oct 2020 20:30

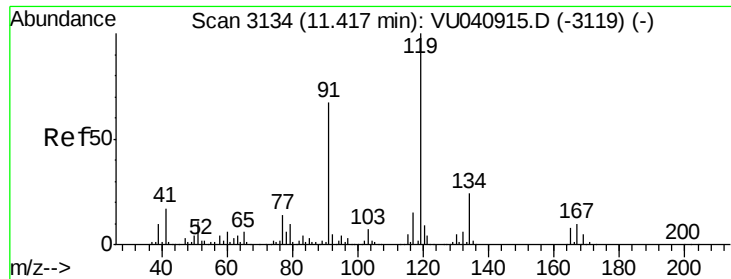
Tgt Ion:126 Resp: 214483

Ion Ratio Lower Upper

126 100

91 365.2 0.0 730.4





#77

tert-Butylbenzene

Concen: 11.041 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Instrument :

MSVOA_U

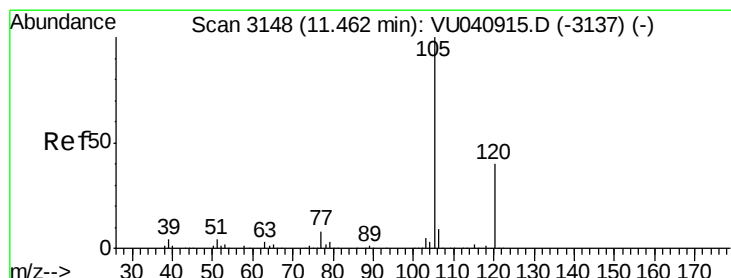
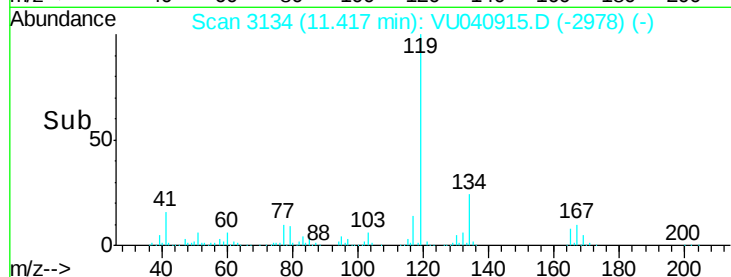
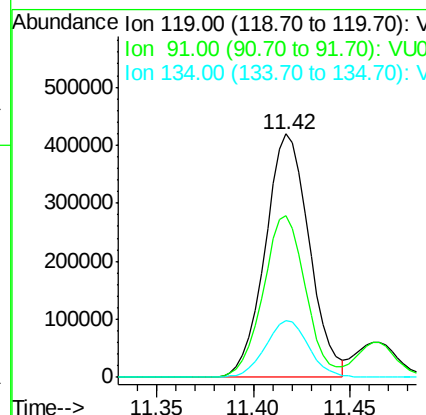
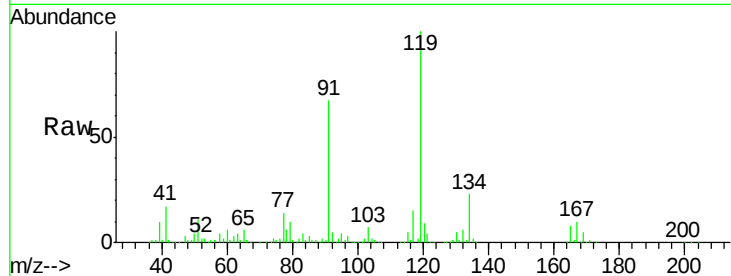
ClientSampleId :

VSTDICCC010

Tot Ion:	119	Resp:	664960
Ion Ratio	Lower	Upper	
119	100		
91	64.1	32.0	96.2
134	23.0	18.4	27.6

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#78

1,2,4-Trimethylbenzene

Concen: 11.189 ug/l

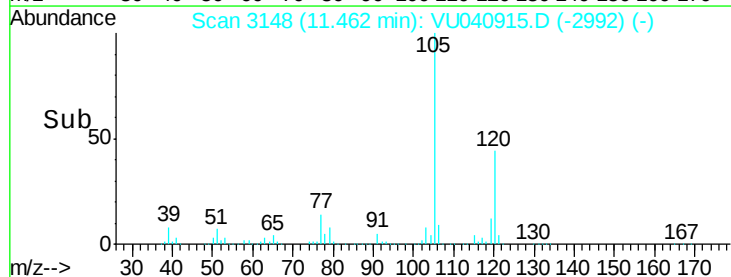
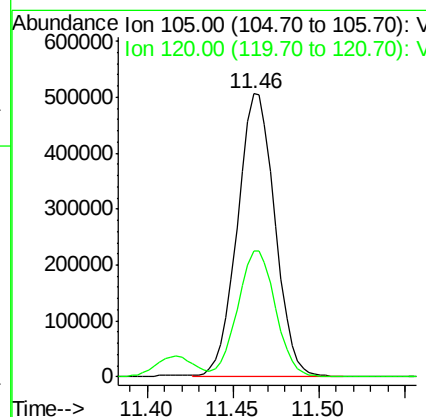
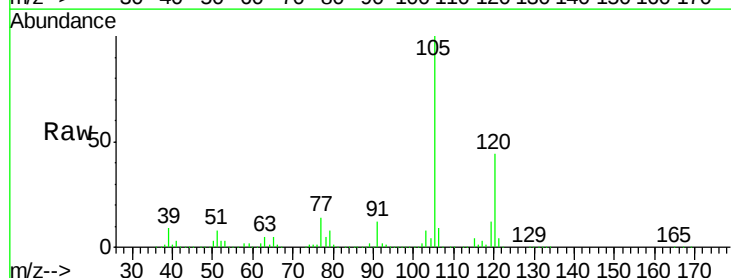
RT: 11.46 min Scan# 3148

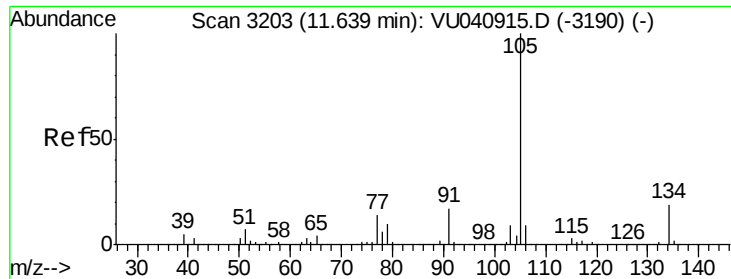
Delta R.T. 0.00 min

Lab File: VU040915.D

Acq: 22 Oct 2020 20:30

Tgt Ion:	105	Resp:	760621
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.6	67.8





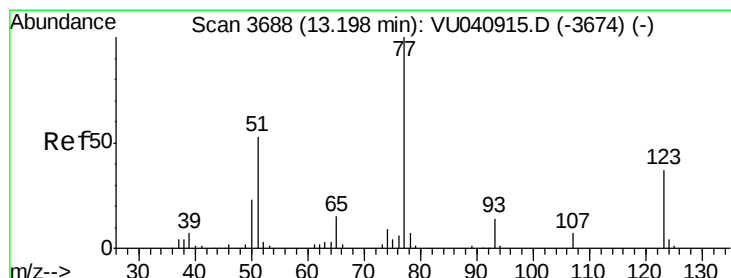
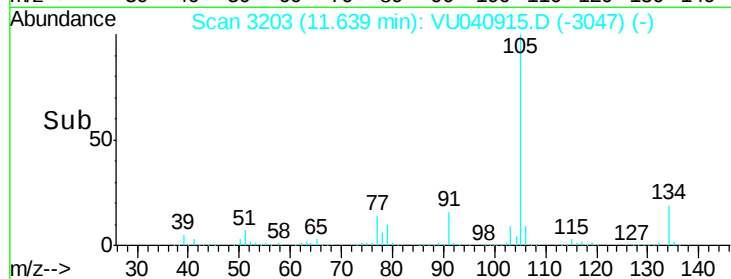
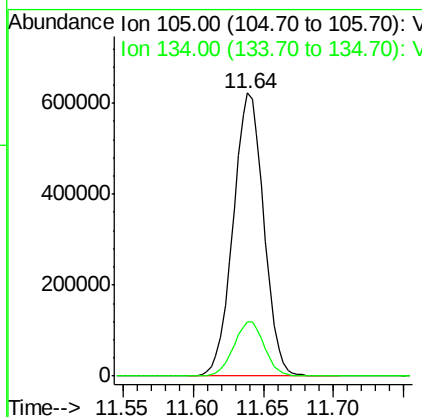
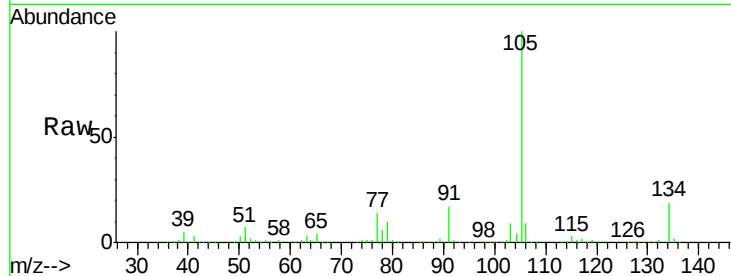
#79
 sec-Butylbenzene
 Concen: 10.900 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion: 105 Resp: 945437
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.4 23.0

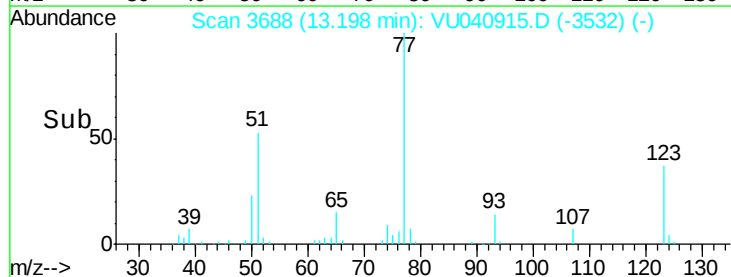
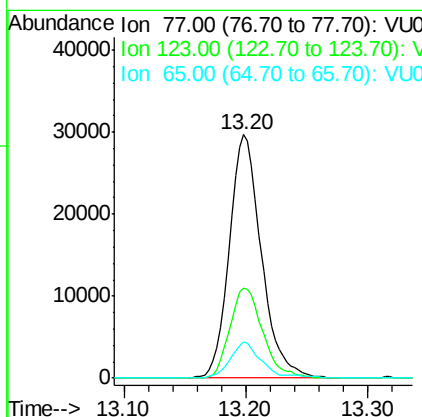
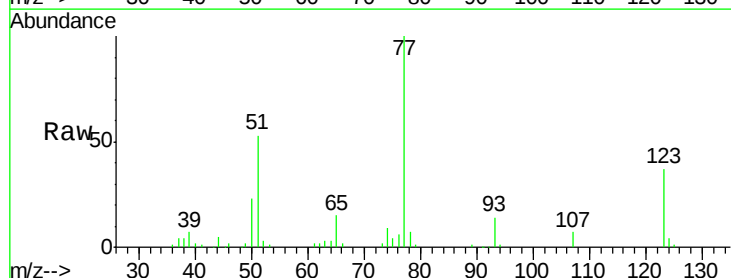
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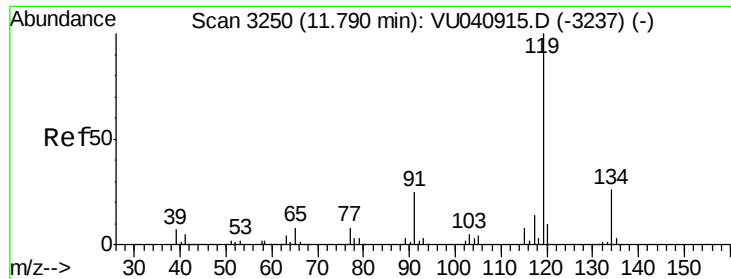
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#80
 Nitrobenzene
 Concen: 68.946 ug/l
 RT: 13.20 min Scan# 3688
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion: 77 Resp: 54327
 Ion Ratio Lower Upper
 77 100
 123 38.1 16.8 59.4
 65 12.5 11.0 14.0





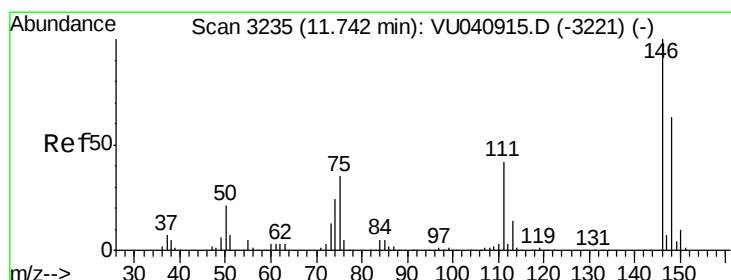
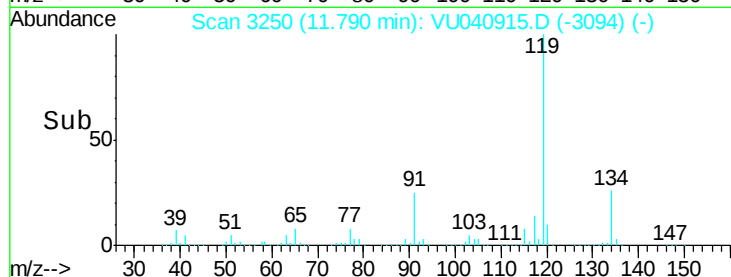
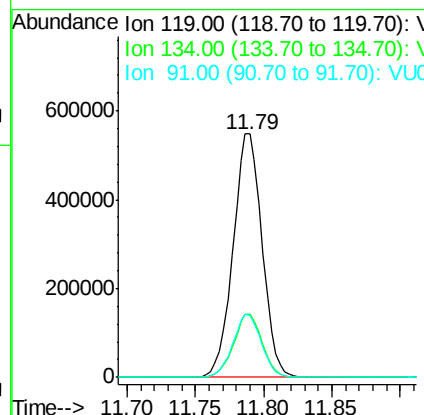
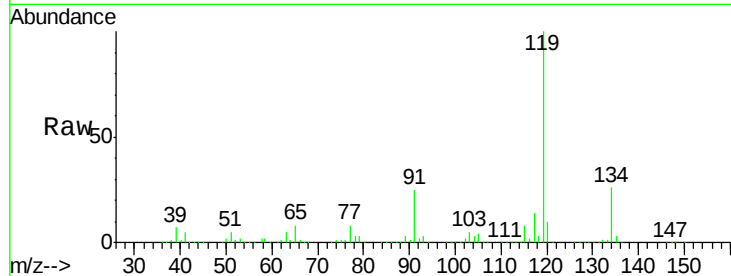
#81
 p-Isopropyltoluene
 Concen: 11.541 ug/l
 RT: 11.79 min Scan# 3250
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

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

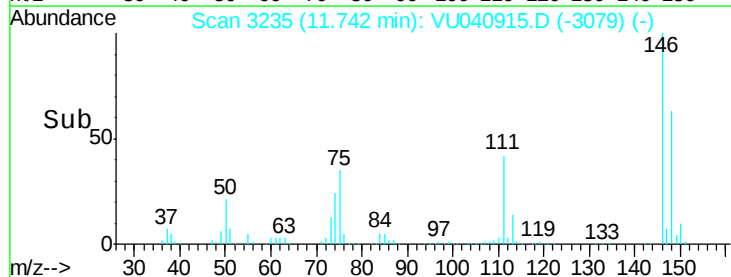
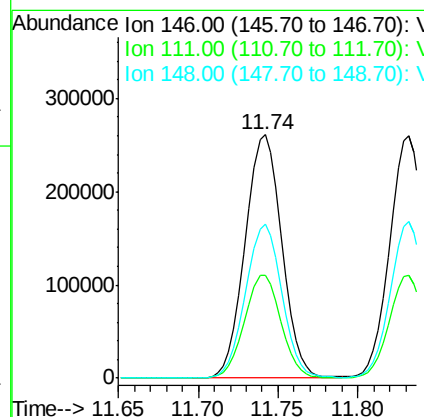
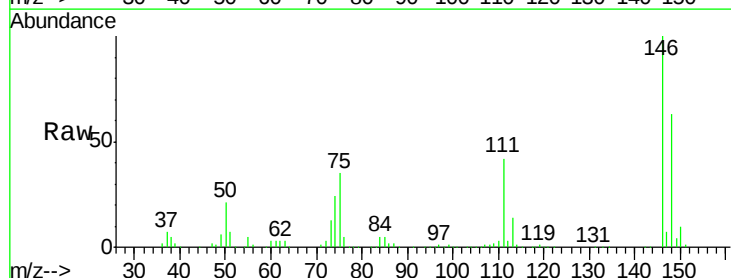
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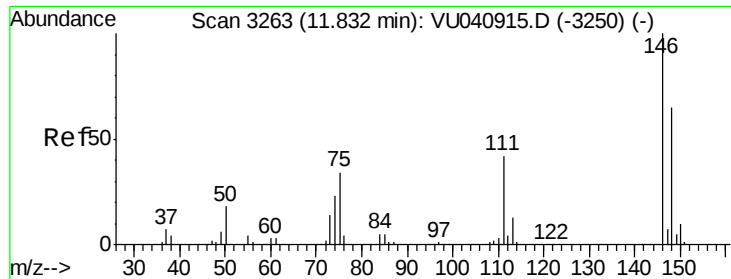
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#82
 1,3-Dichlorobenzene
 Concen: 10.690 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	33.6	50.4
148	62.6	50.1	75.1





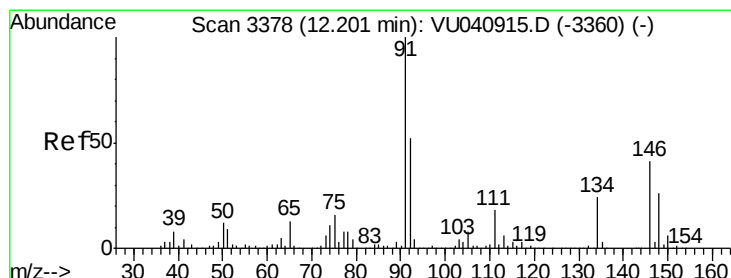
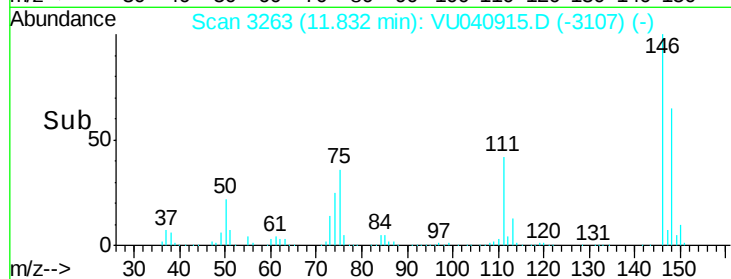
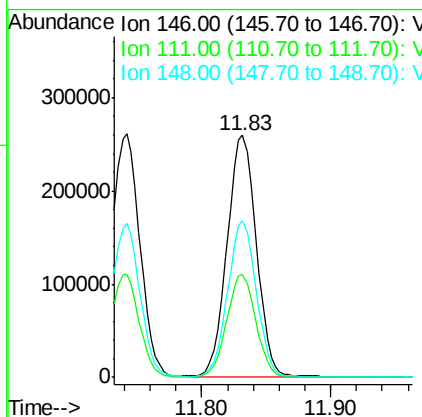
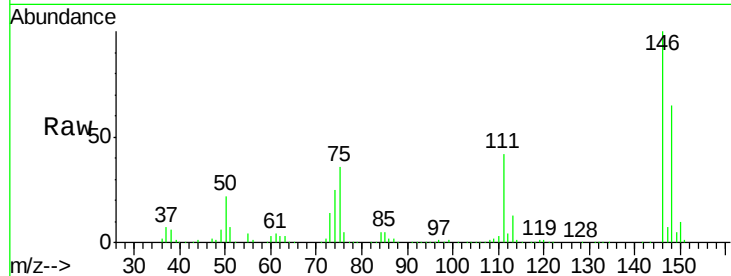
#83
 1,4-Dichlorobenzene
 Concen: 10.755 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	33.7	50.5
148	63.2	50.6	75.8

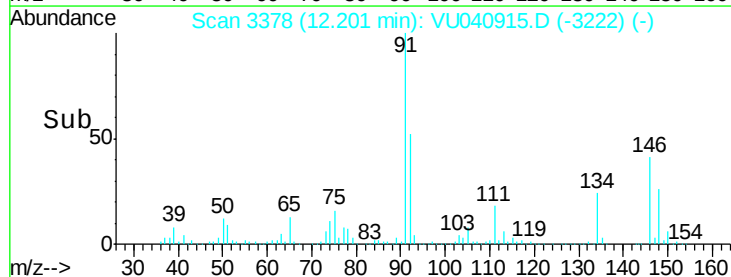
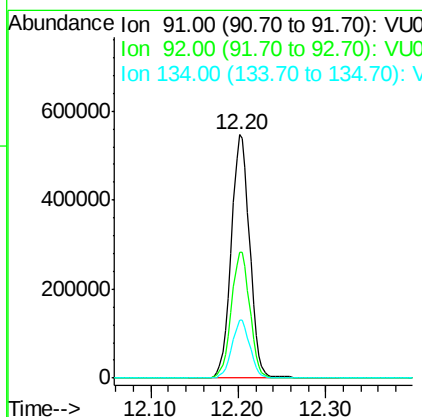
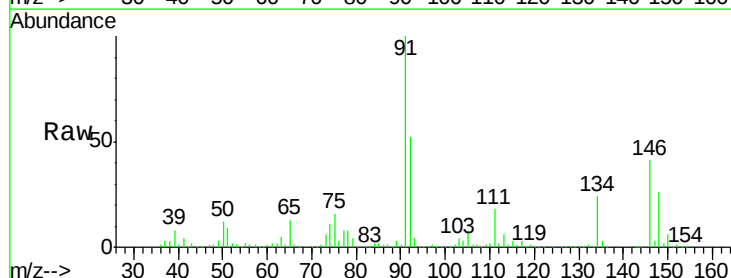
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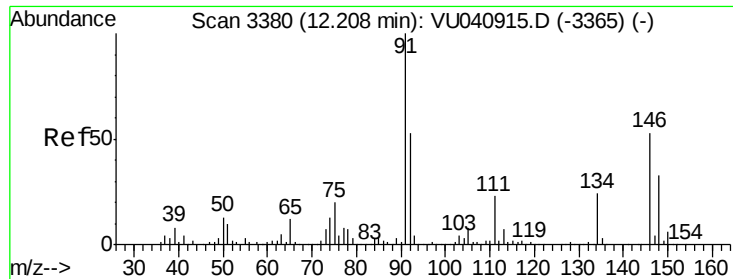
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#84
 n-Butylbenzene
 Concen: 11.275 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	41.7	62.5
134	23.3	18.6	28.0





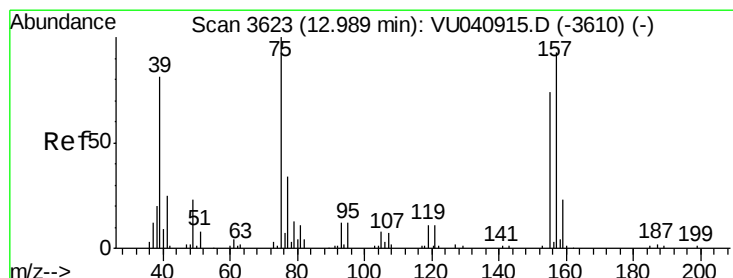
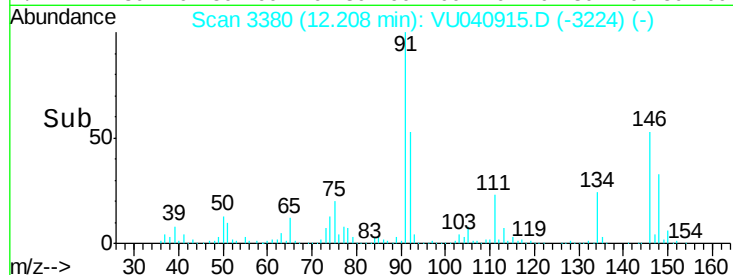
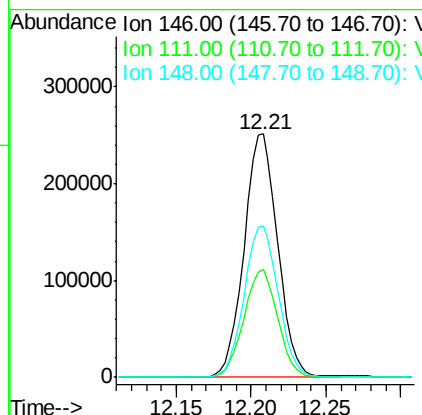
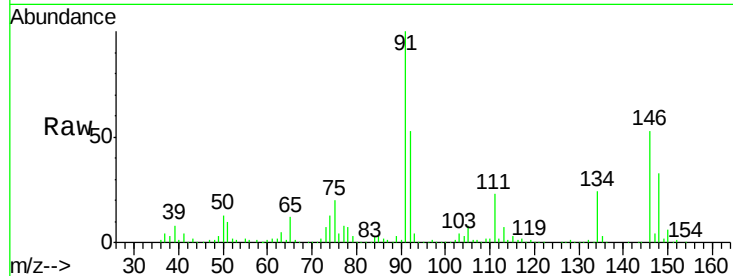
#85
 1,2-Dichlorobenzene
 Concen: 10.728 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
111	44.6	22.3	66.9		
148	63.0	31.5	94.5		

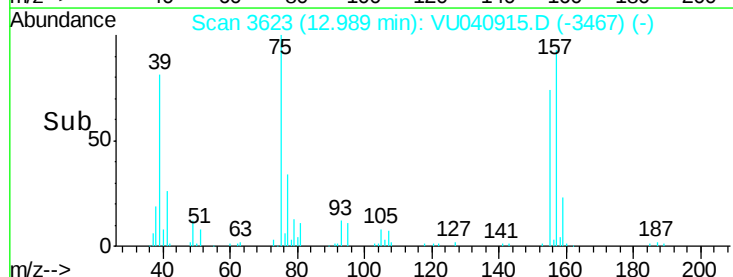
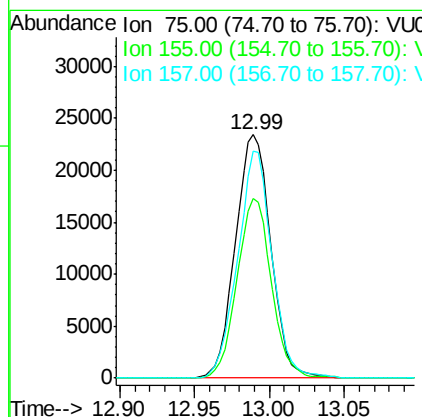
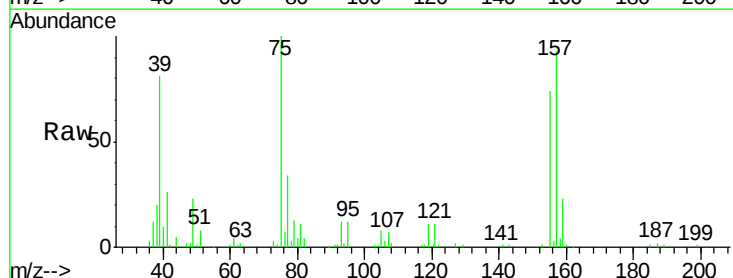
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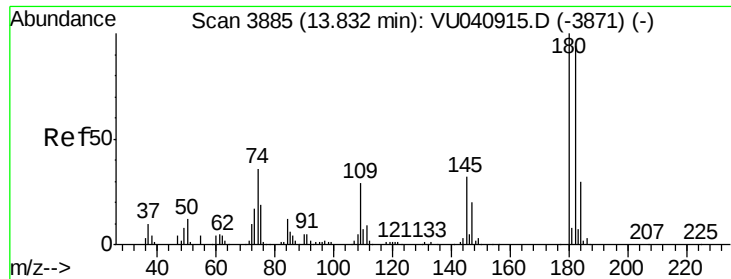
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.106 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
75	100				
155	71.4	57.1	85.7		
157	90.5	72.4	108.6		





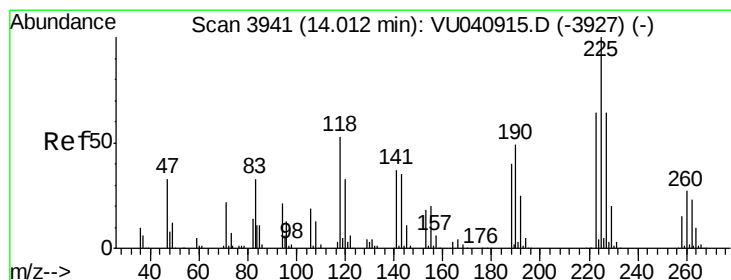
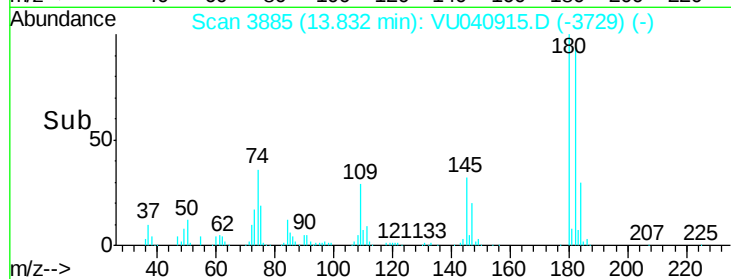
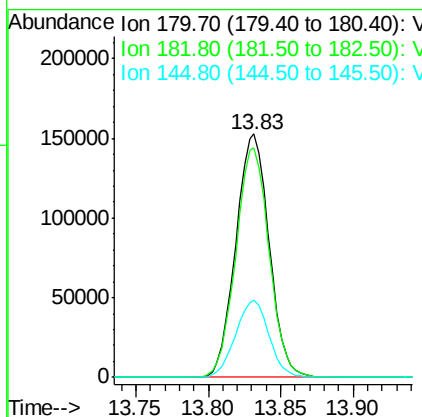
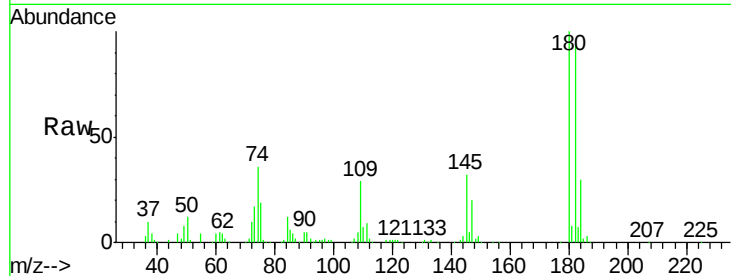
#87
 1,2,4-Trichlorobenzene
 Concen: 11.508 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	243991		
182	94.3	75.4	113.2	
145	31.7	25.4	38.0	

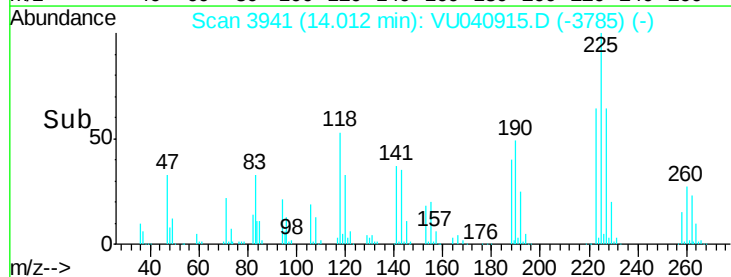
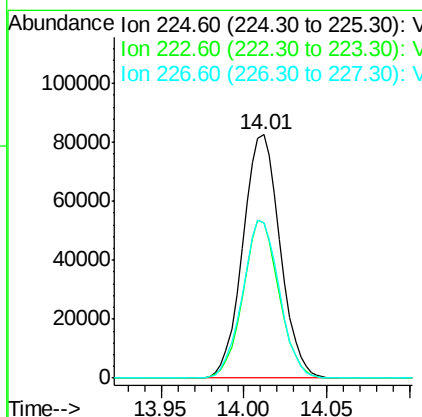
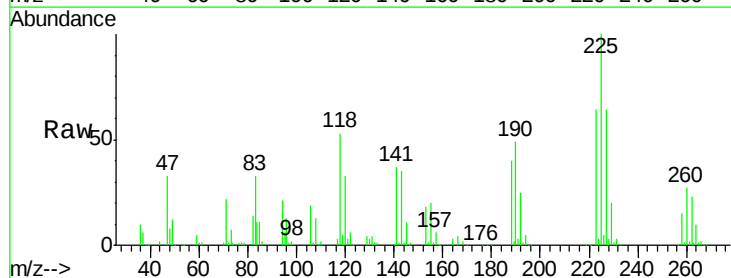
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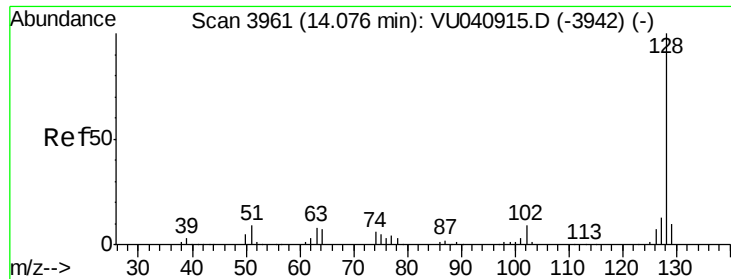
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#88
 Hexachlorobutadiene
 Concen: 11.647 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. 0.00 min
 Lab File: VU040915.D
 Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	129077		
223	62.4	49.9	74.9	
227	63.9	51.1	76.7	





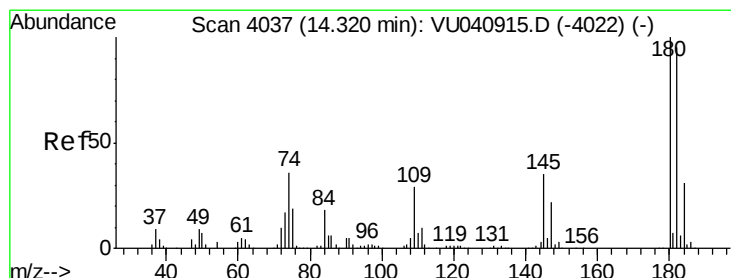
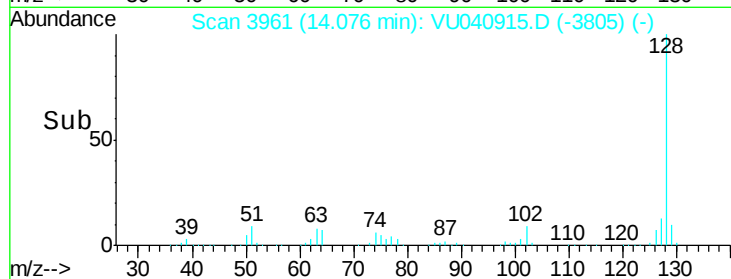
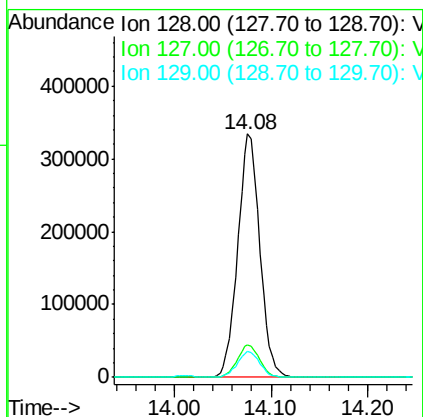
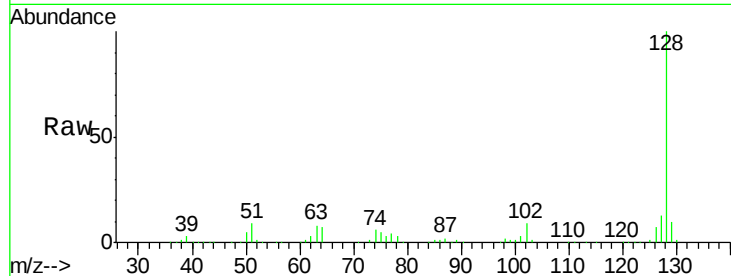
#89
Naphthalene
Concen: 12.807 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.8	8.6	13.0

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#90
1,2,3-Trichlorobenzene
Concen: 12.419 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU040915.D
Acq: 22 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.0	114.0
145	35.0	28.0	42.0

