

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102220\
 Data File : VU040913.D
 Acq On : 22 Oct 2020 19:32
 Operator : SY/MD
 Sample : VSTDIC002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 4:14:48 PM

Quant Time: Oct 23 06:53:15 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	6.13	96	54867	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	18839	0.86	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.00%	
68) 1,2-Dichlorobenzene-d4	12.18	152	20935	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	54591	3.222	ug/l	96
3) Chloromethane	1.53	50	55824	3.104	ug/l	97
4) Vinyl Chloride	1.61	62	49596	2.816	ug/l	97
5) Bromomethane	1.86	94	31281	2.510	ug/l	99
6) Chloroethane	1.94	64	32158	2.821	ug/l	99
7) Trichlorofluoromethane	2.15	101	65414	2.580	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	37097	2.552	ug/l	99
9) 1,1-Dichloroethene	2.59	96	31121	2.509	ug/l	99
10) Iodomethane	2.74	142	28130	2.748	ug/l	99
11) Allyl Chloride	2.94	41	63866	2.584	ug/l	100
12) Acrylonitrile	3.33	53	21531	4.970	ug/l	95
13) Acetone	2.64	43	43621	11.318	ug/l	99
14) Carbon Disulfide	2.81	76	116685	3.167	ug/l	98
15) Methylene Chloride	3.06	84	39801	2.137	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	36544	2.707	ug/l	96
17) 1,1-Dichloroethane	3.89	63	71621	2.447	ug/l	98
18) 2-Butanone	4.74	43	76281	12.651	ug/l	98
19) Cyclohexane	5.40	56	68218m	2.724	ug/l	
20) Methylcyclohexane	6.77	83	45570	2.034	ug/l	94
21) 2,2-Dichloropropane	4.68	77	61402	2.260	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	38208	2.480	ug/l	97
23) Diethyl Ether	2.39	59	30080	2.533	ug/l	92
24) tert-Butyl Alcohol	3.20	59	38522	24.622	ug/l	96
25) Methyl tert-Butyl Ether	3.39	73	93821	2.304	ug/l	96
26) Bromochloromethane	4.99	128	17042	2.528	ug/l	98
27) Chloroform	5.11	83	70762	2.413	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	59763	2.356	ug/l	96
29) 1,1-Dichloropropene	5.54	75	51394	2.359	ug/l	97
30) Carbon Tetrachloride	5.54	117	53812	2.345	ug/l	91
31) Isopropyl Ether	4.02	45	109816	2.230	ug/l	96
32) Ethyl-t-butyl ether	4.53	59	99084	2.234	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	70781	1.847	ug/l	99
34) Propionitrile	4.80	54	19997	13.016	ug/l #	96
35) Benzene	5.79	78	147488	2.446	ug/l	98
36) 1,2-Dichloroethane	5.81	62	54199	2.342	ug/l	98
37) Trichloroethene	6.55	130	33627	2.225	ug/l	97
38) 1,2-Dichloropropane	6.81	63	41428	2.379	ug/l	98
39) Methacrylonitrile	5.00	41	18885	2.318	ug/l	96
40) Methyl acrylate	4.87	55	25409	2.413	ug/l	96
41) Tetrahydrofuran	5.08	42	19090	4.830	ug/l	98
42) 1-Chlorobutane	5.47	56	78128	2.419	ug/l	97

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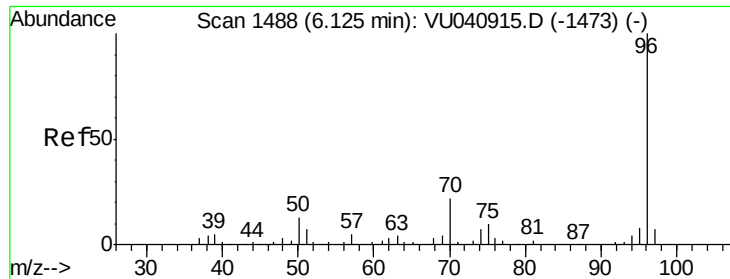
Manual Integrations
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Quant Time: Oct 23 06:53:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 06:42:58 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	23857	2.388	ug/l	95
44) Bromodichloromethane	7.12	83	52848	2.208	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	138433	10.091	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	21566m	4.157	ug/l	
47) Methyl methacrylate	6.98	69	36514	4.223	ug/l	98
48) Ethyl methacrylate	8.34	69	28534	1.847	ug/l	94
49) Toluene	7.97	92	76227	2.094	ug/l	95
50) t-1,3-Dichloropropene	8.22	75	44779	2.090	ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	48624	2.043	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	30279	2.363	ug/l	95
53) 1,3-Dichloropropane	8.58	76	51400	2.233	ug/l	100
54) 2-Hexanone	8.69	43	95358	9.660	ug/l	96
55) Dibromochloromethane	8.82	129	34374	2.305	ug/l	100
56) 1,2-Dibromoethane	8.93	107	26722	2.230	ug/l	100
58) Tetrachloroethene	8.56	164	31472	2.164	ug/l	98
59) Chlorobenzene	9.45	112	82594	2.086	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	33287	2.286	ug/l	98
61) Pentachloroethane	11.43	117	27386	2.662	ug/l	97
62) Hexachloroethane	12.47	117	26113	2.071	ug/l	100
63) Ethyl Benzene	9.57	91	126106	1.863	ug/l	99
64) m/p-Xylenes	9.69	106	97479	3.829	ug/l	100
65) o-Xylene	10.10	106	45352	1.860	ug/l	96
66) Styrene	10.11	104	78286	1.826	ug/l	95
67) Bromoform	10.29	173	18614	2.399	ug/l	95
69) Isopropylbenzene	10.48	105	120357	1.807	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	38984	2.269	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	29996m	2.271	ug/l	
72) Bromobenzene	10.78	156	34009	2.154	ug/l	97
73) n-propylbenzene	10.90	120	34563	1.867	ug/l	98
74) 2-Chlorotoluene	10.99	126	32096	1.987	ug/l	97
75) 1,3,5-Trimethylbenzene	11.09	105	109158	1.868	ug/l	99
76) 4-Chlorotoluene	11.10	126	36167	2.080	ug/l	91
77) tert-Butylbenzene	11.42	119	104143	1.914	ug/l	97
78) 1,2,4-Trimethylbenzene	11.47	105	113845	1.853	ug/l	98
79) sec-Butylbenzene	11.64	105	147931	1.887	ug/l	100
80) Nitrobenzene	13.20	77	9248	12.988	ug/l #	98
81) p-Isopropyltoluene	11.79	119	118616	1.886	ug/l	98
82) 1,3-Dichlorobenzene	11.74	146	74652	2.162	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	78165	2.282	ug/l	99
84) n-Butylbenzene	12.20	91	118425	1.846	ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	71328	2.151	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	6955	2.207	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	37735	1.969	ug/l	96
88) Hexachlorobutadiene	14.01	225	23375	2.334	ug/l	98
89) Naphthalene	14.08	128	64694	1.731	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	37669	2.073	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. 0.00 min

Lab File: VU040913.D

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Instrument :

MSVOA_U

ClientSampleId :

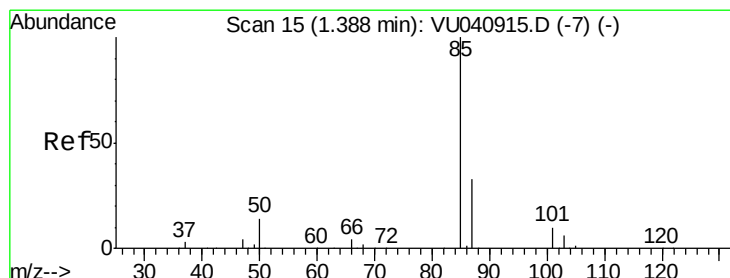
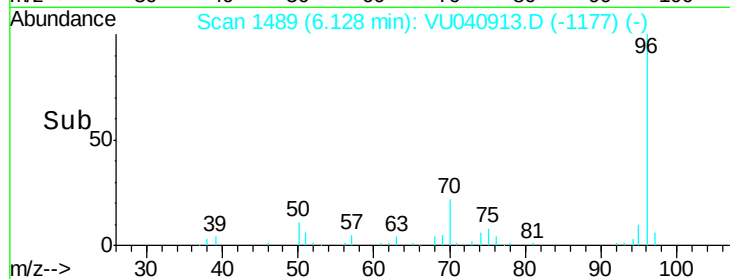
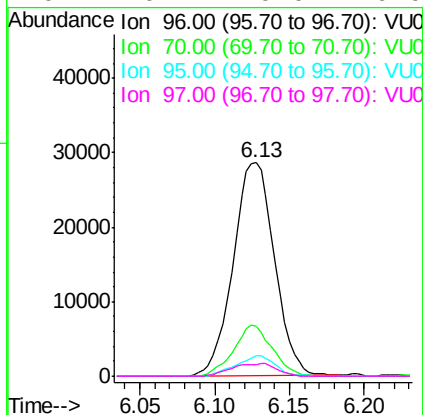
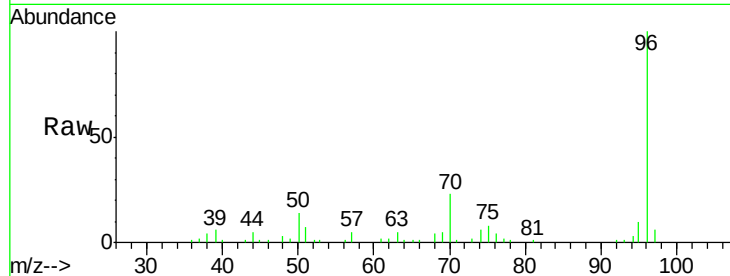
VSTDIC002

Tot Ion: 96 Resp: 54867

Ion	Ratio	Lower	Upper
96	100		
70	22.4	16.3	24.5
95	9.2	7.3	10.9
97	6.4	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 3.222 ug/l

RT: 1.39 min Scan# 16

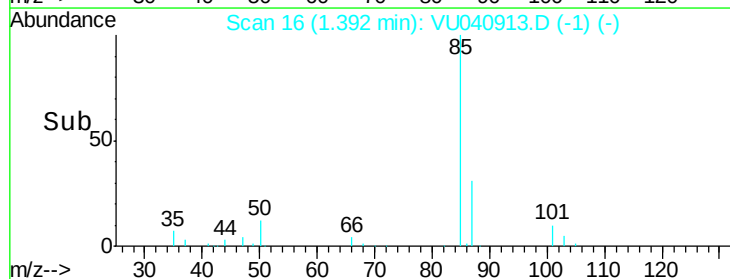
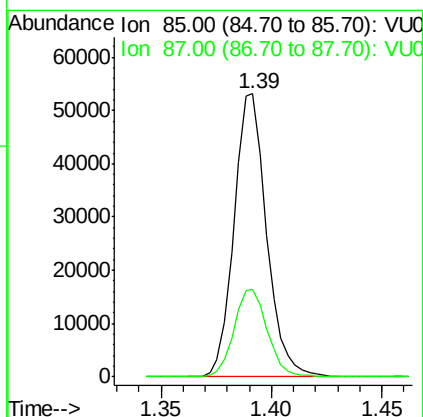
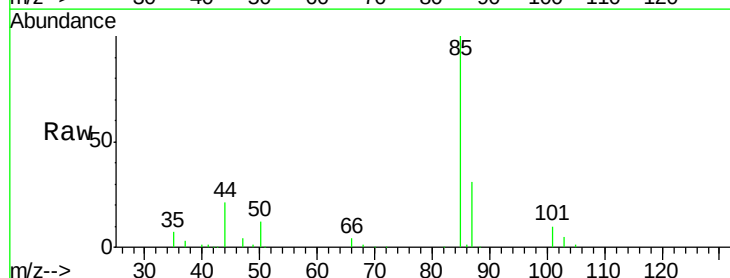
Delta R.T. 0.00 min

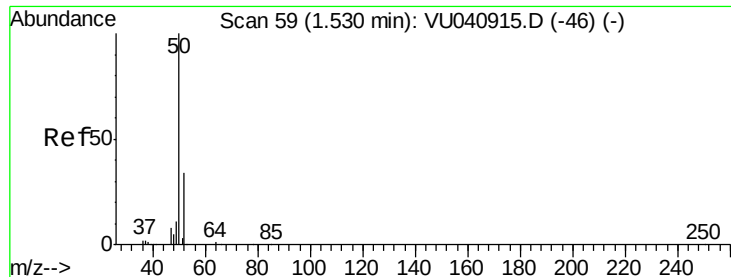
Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Tgt Ion: 85 Resp: 54591

Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.5	49.5





#3

Chloromethane

Concen: 3.104 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 50 Resp: 55824

Ion Ratio Lower Upper

50 100

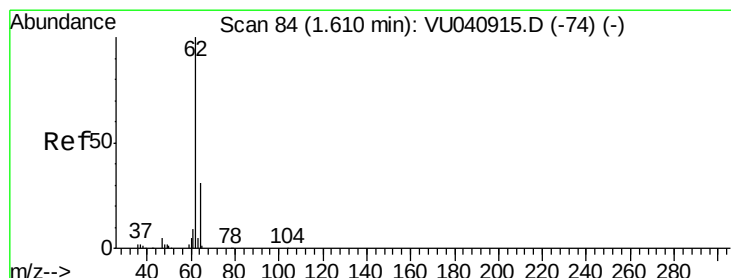
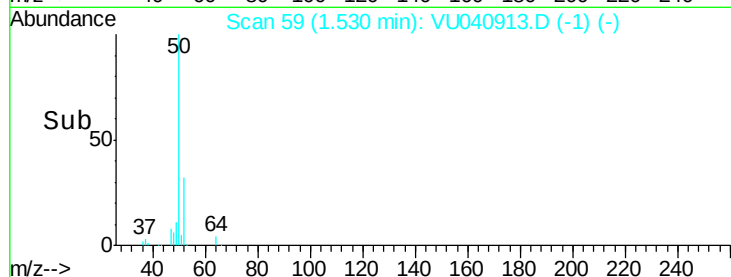
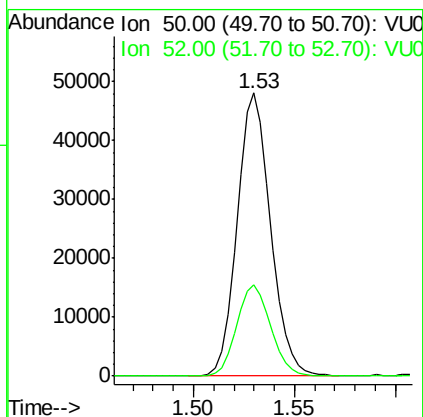
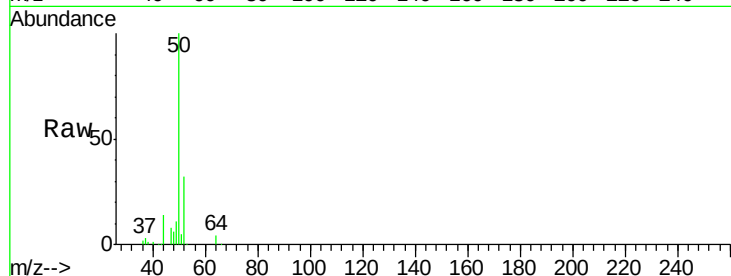
52 32.1 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 2.816 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040913.D

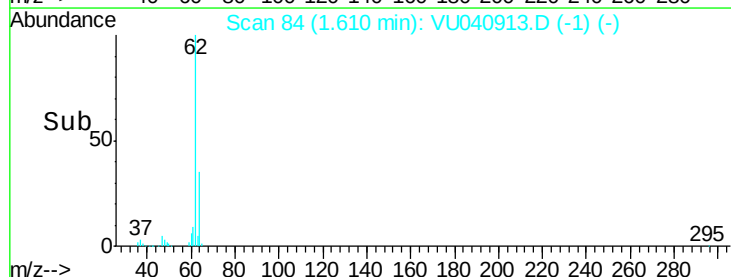
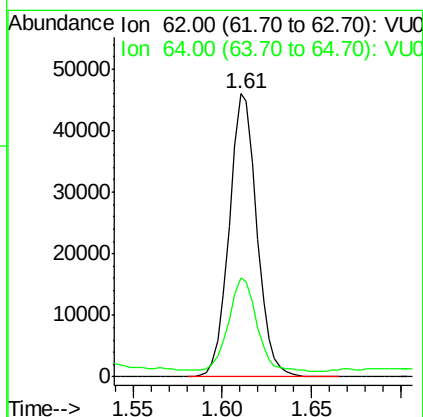
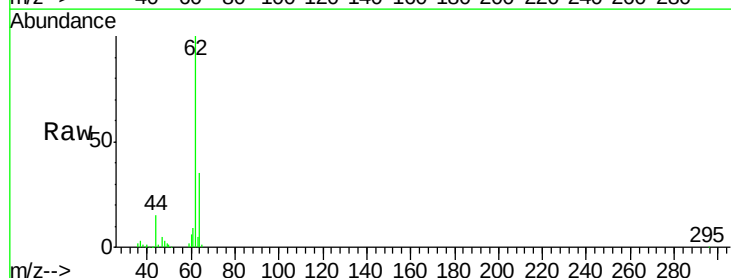
Acq: 22 Oct 2020 19:32

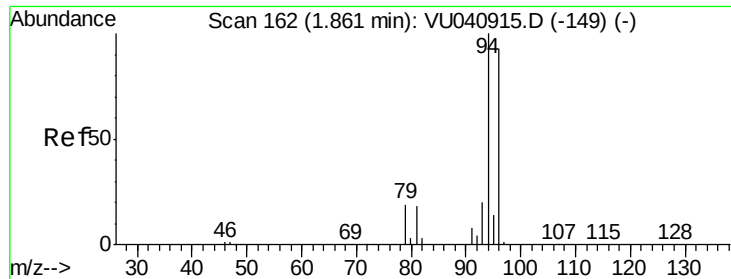
Tgt Ion: 62 Resp: 49596

Ion Ratio Lower Upper

62 100

64 32.4 24.7 37.1





#5

Bromomethane

Concen: 2.510 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 94 Resp: 31281

Ion Ratio Lower Upper

94 100

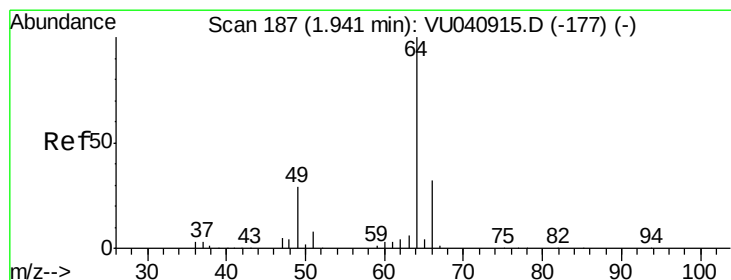
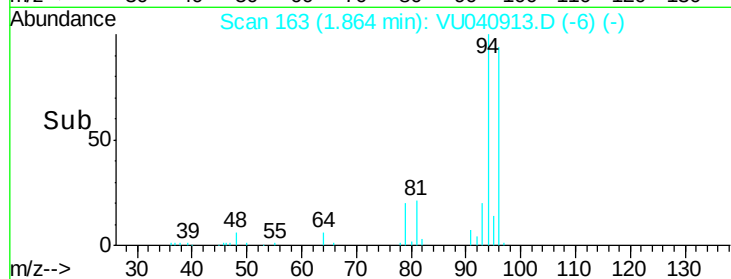
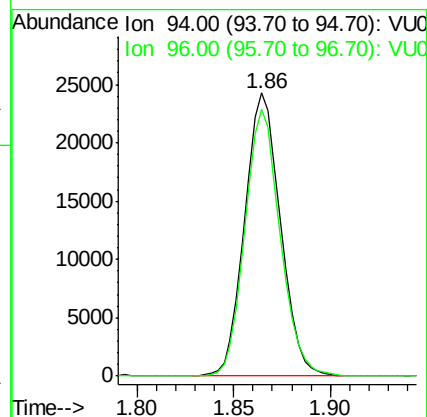
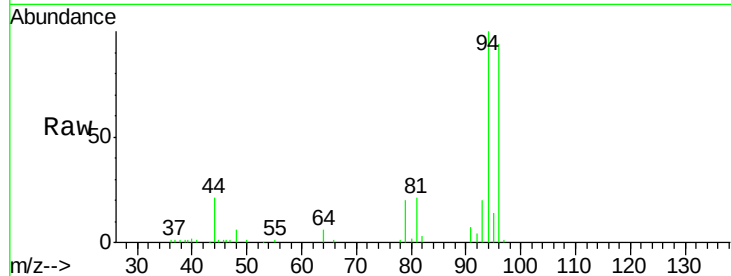
96 94.2 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 2.821 ug/l

RT: 1.94 min Scan# 188

Delta R.T. 0.00 min

Lab File: VU040913.D

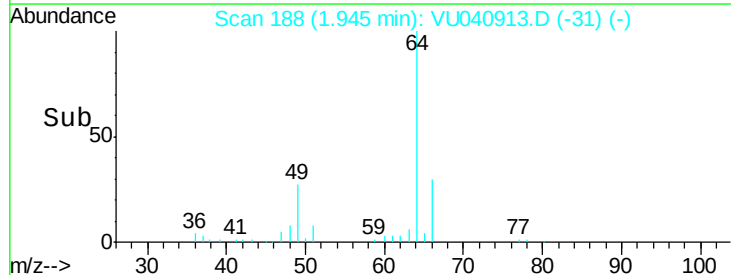
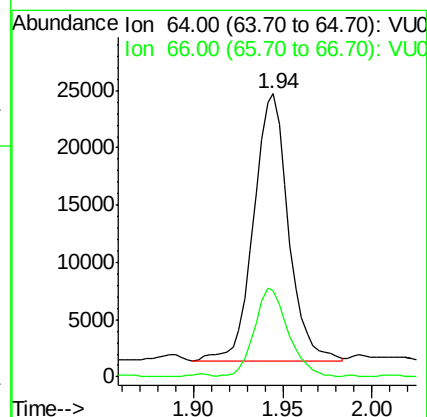
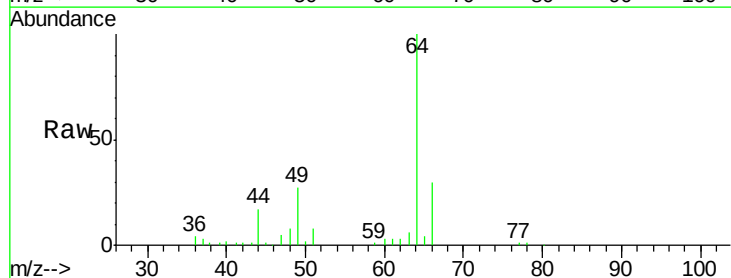
Acq: 22 Oct 2020 19:32

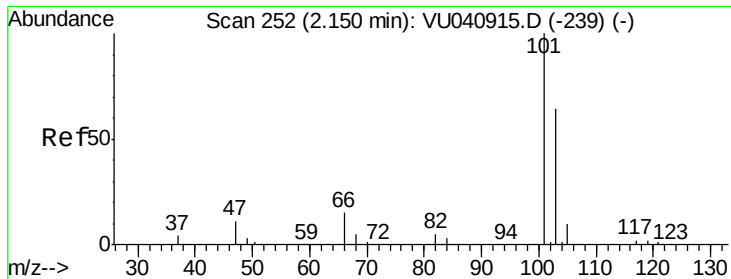
Tgt Ion: 64 Resp: 32158

Ion Ratio Lower Upper

64 100

66 32.2 25.4 38.2





#7

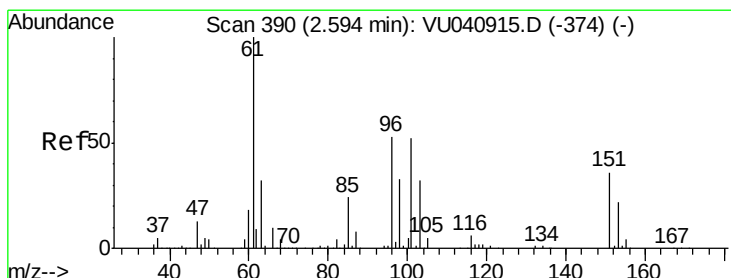
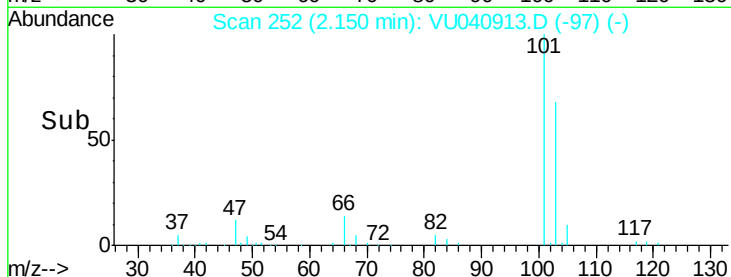
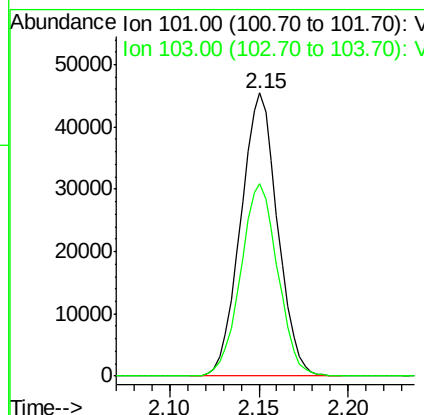
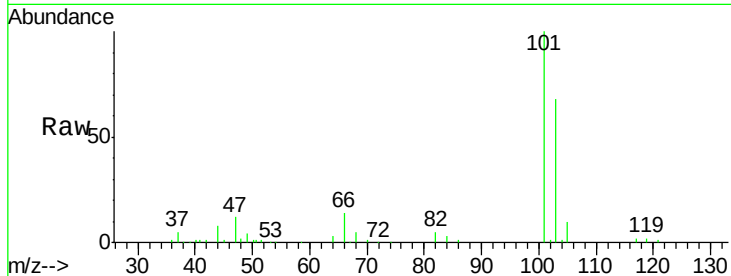
Trichlorofluoromethane
 Concen: 2.580 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.8	51.5	77.3

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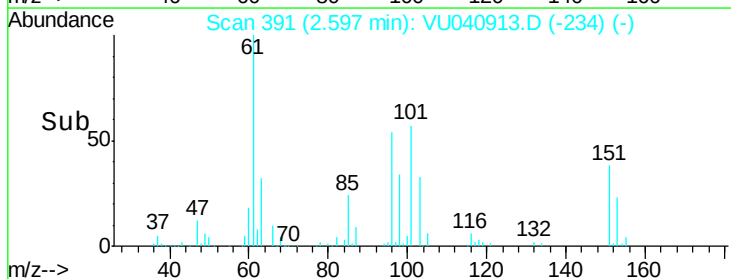
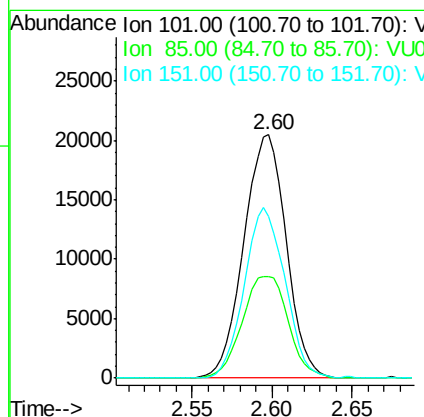
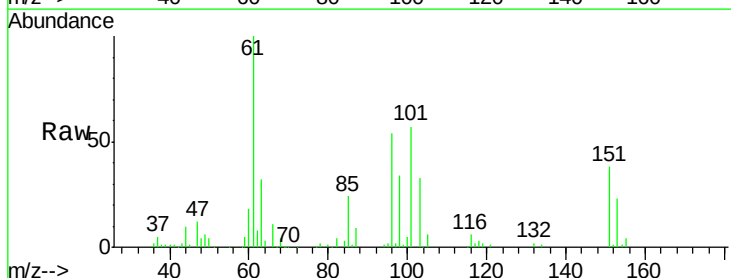
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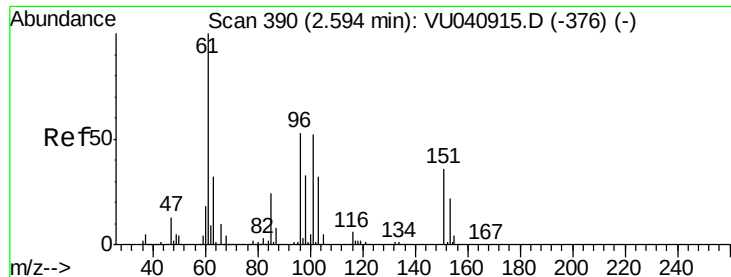


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.552 ug/l
 RT: 2.60 min Scan# 391
 Delta R.T. 0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
101	100		
85	45.2	36.2	54.2
151	67.0	55.1	82.7





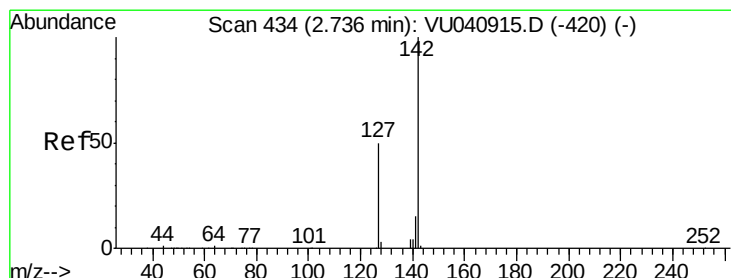
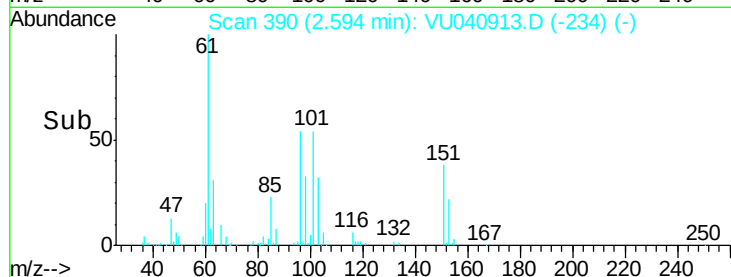
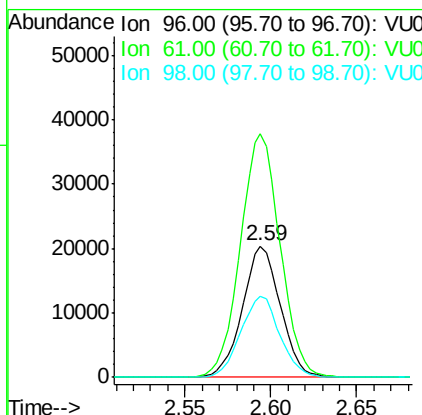
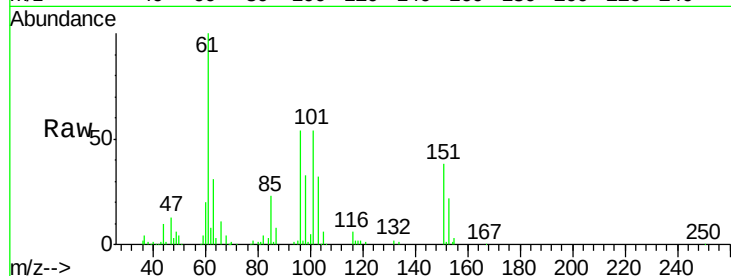
#9
 1,1-Dichloroethene
 Concen: 2.509 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
96	100		
61	185.2	0.0	561.9
98	61.9	0.0	125.0

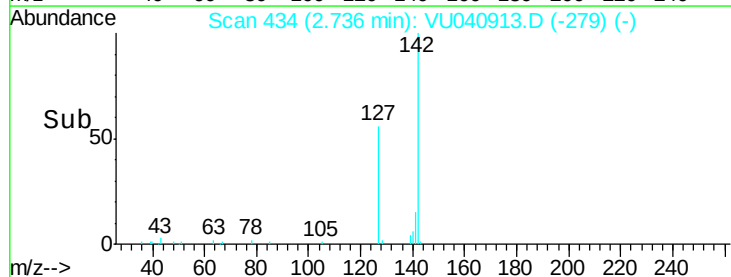
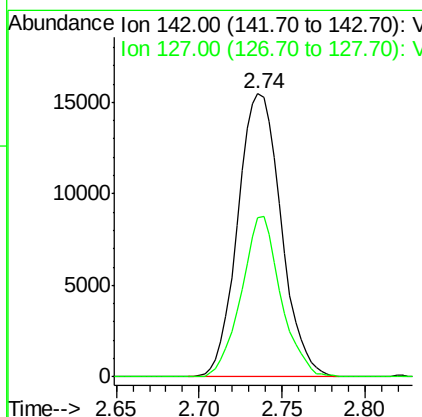
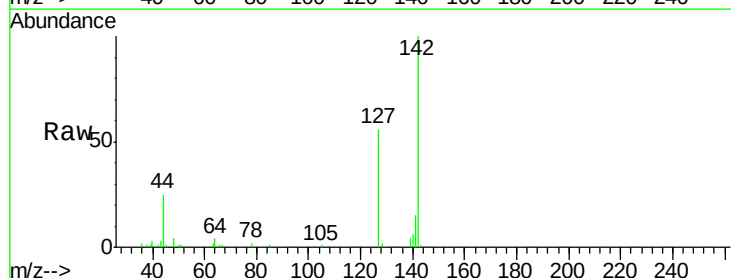
Manual Integrations
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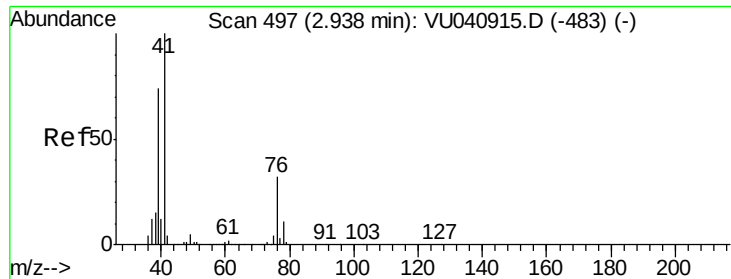
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#10
 Iodomethane
 Concen: 2.748 ug/l
 RT: 2.74 min Scan# 434
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
142	100		
127	51.3	40.6	60.8





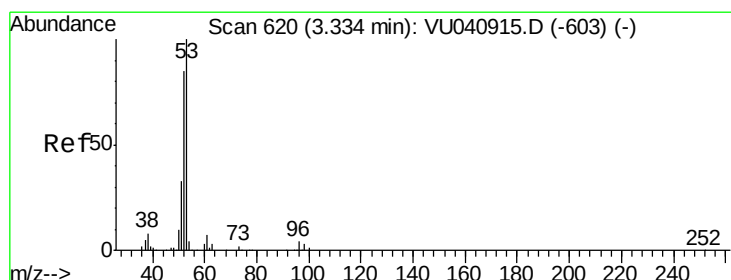
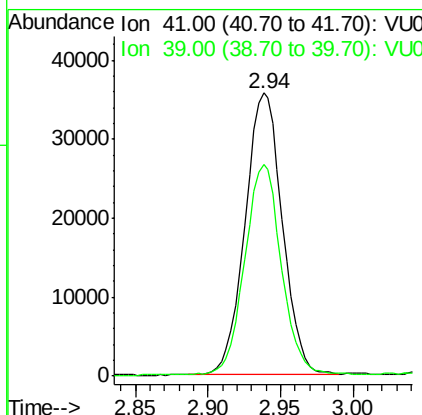
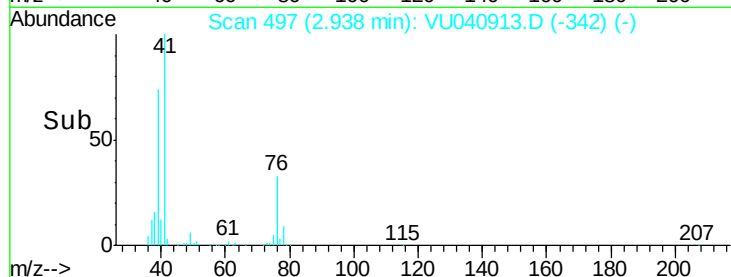
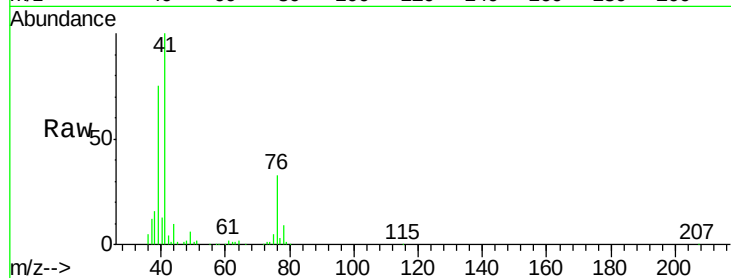
#11
Allvl Chloride
Concen: 2.584 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 41 Resp: 63866
Ion Ratio Lower Upper
41 100
39 73.3 59.0 88.4

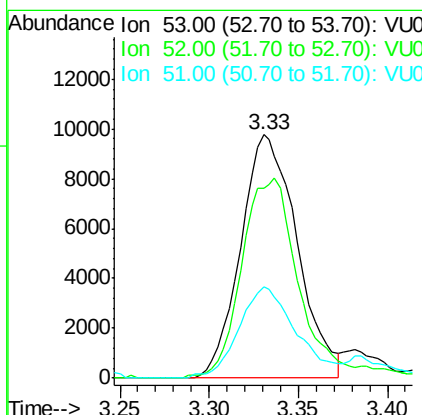
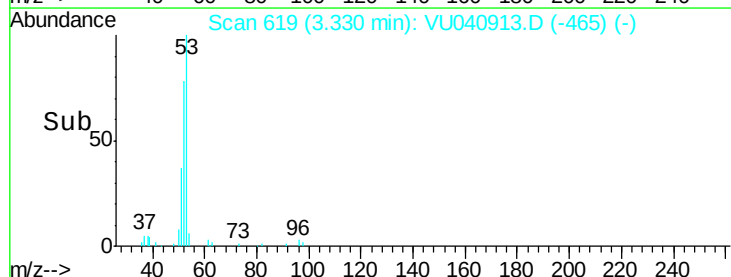
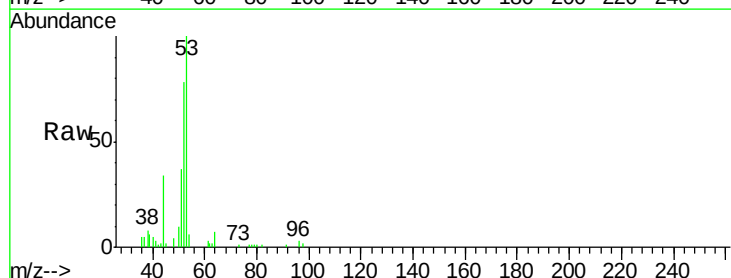
Manual Integrations
APPROVED

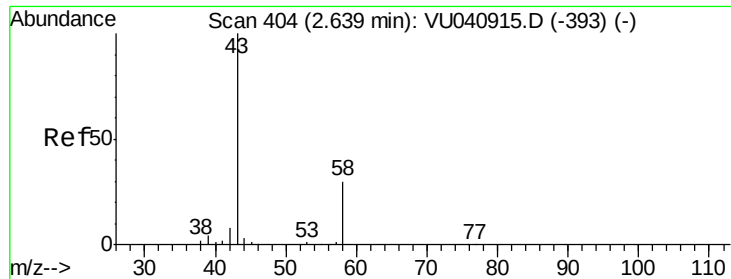
MMDadoda
10/26/2020 4:14:48 PM



#12
Acrylonitrile
Concen: 4.970 ug/l
RT: 3.33 min Scan# 619
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion: 53 Resp: 21531
Ion Ratio Lower Upper
53 100
52 84.8 63.1 94.7
51 38.7 30.6 46.0





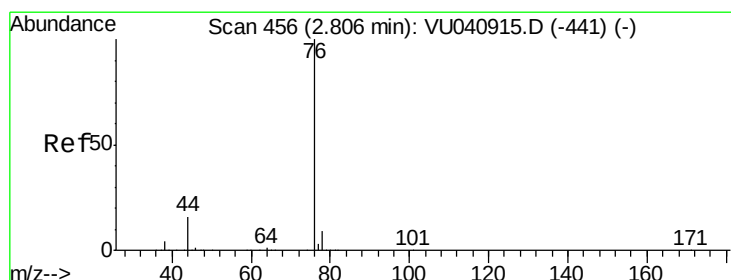
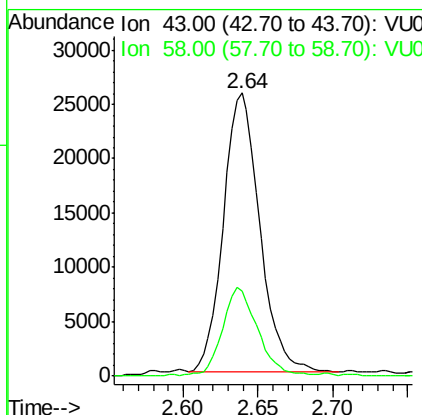
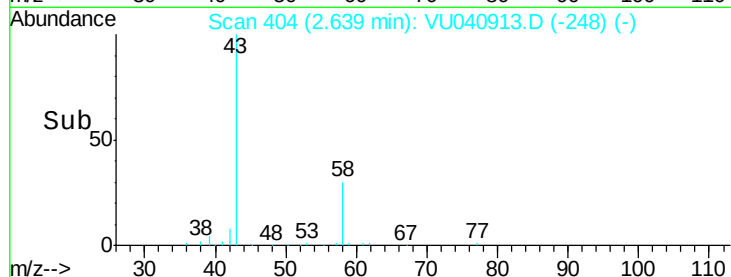
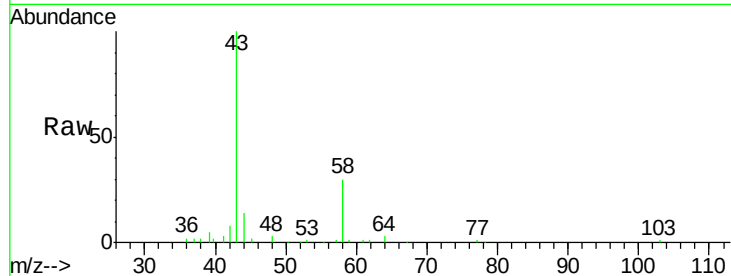
#13
Acetone
Concen: 11.318 ug/l
RT: 2.64 min Scan# 404
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion: 43 Resp: 43621
Ion Ratio Lower Upper
43 100
58 30.1 23.6 35.4

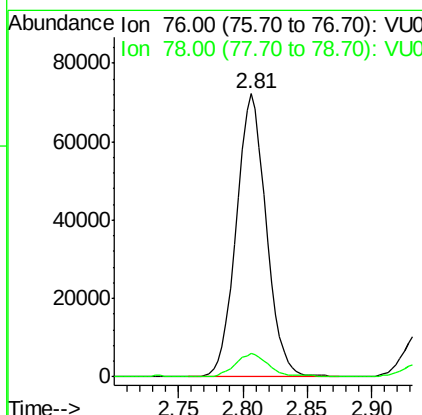
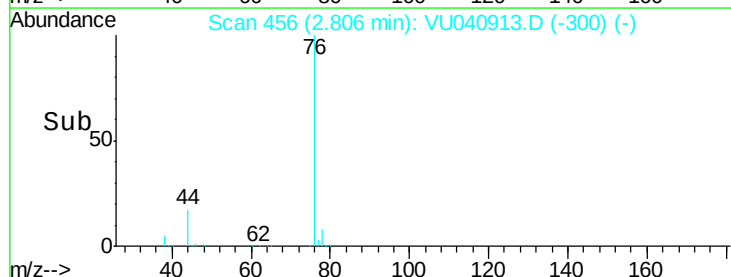
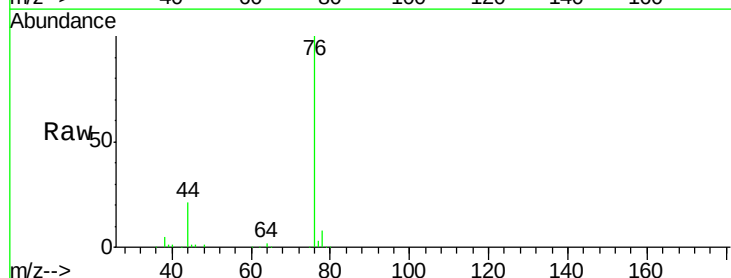
Manual Integrations
APPROVED

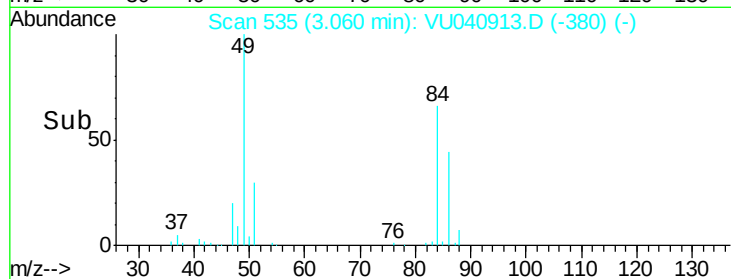
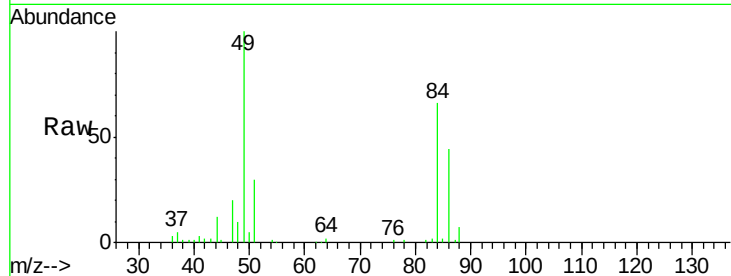
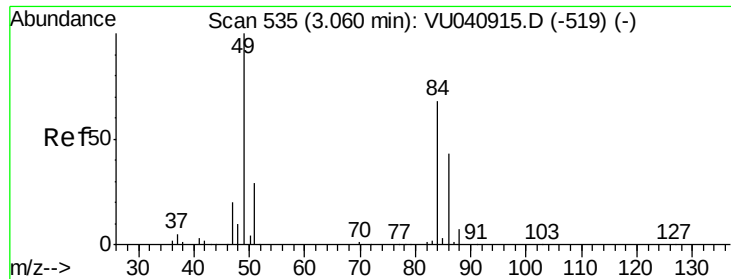
MMDadoda
10/26/2020 4:14:48 PM



#14
Carbon Disulfide
Concen: 3.167 ug/l
RT: 2.81 min Scan# 456
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion: 76 Resp: 116685
Ion Ratio Lower Upper
76 100
78 8.2 7.1 10.7





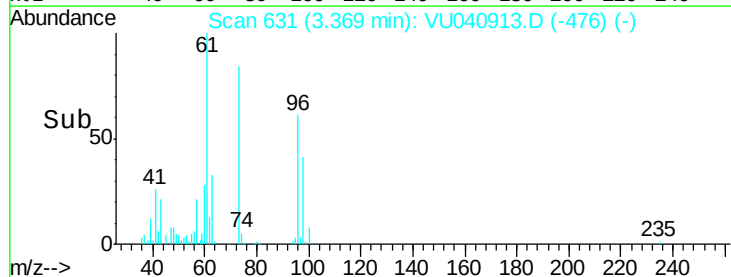
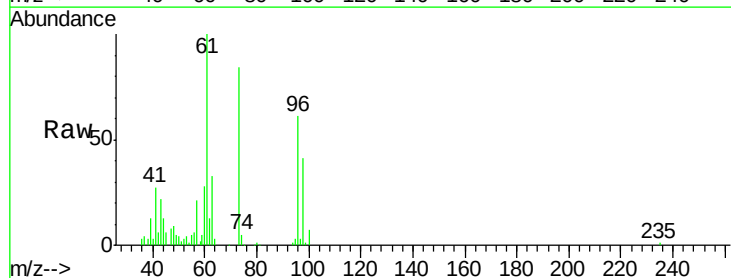
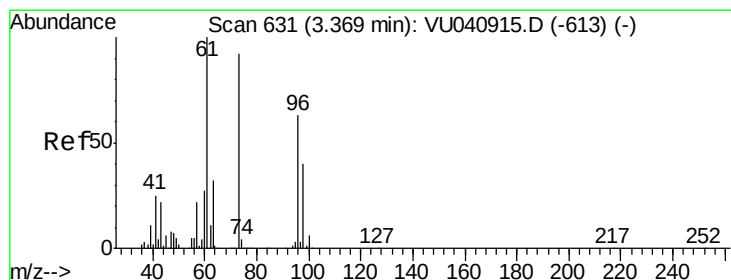
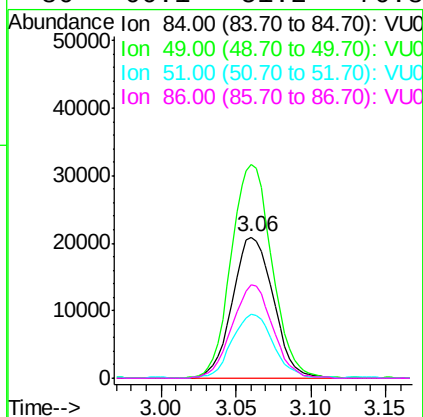
#15
Methvlene Chloride
Concen: 2.137 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tot Ion:	84	Resp:	39801
Ion	Ratio	Lower	Upper
84	100		
49	150.8	118.2	177.4
51	45.0	0.0	86.8
86	66.1	51.2	76.8

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

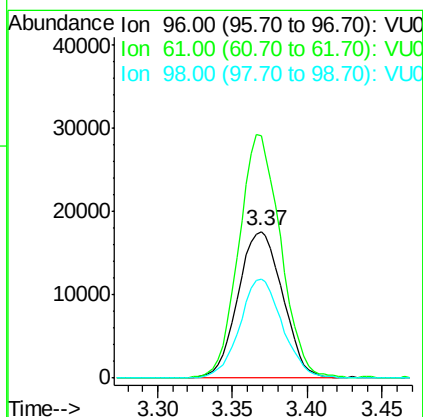
Manual Integrations
APPROVED

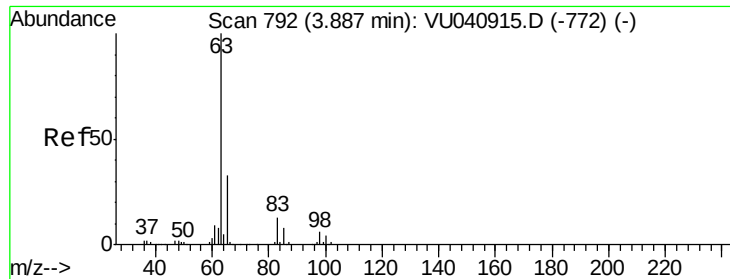
MMDadoda
10/26/2020 4:14:48 PM



#16
trans-1,2-Dichloroethene
Concen: 2.707 ug/l
RT: 3.37 min Scan# 631
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion:	96	Resp:	36544
Ion	Ratio	Lower	Upper
96	100		
61	164.7	127.0	190.4
98	67.4	51.2	76.8





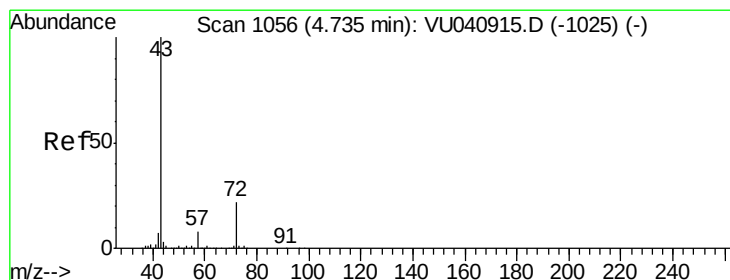
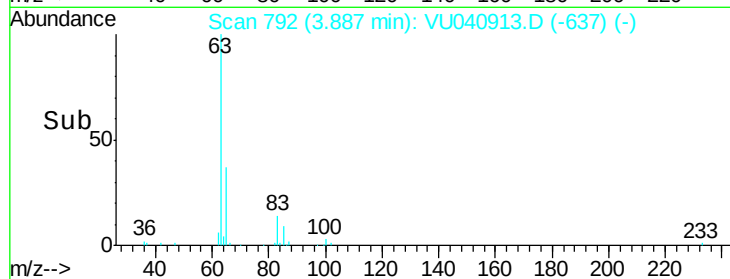
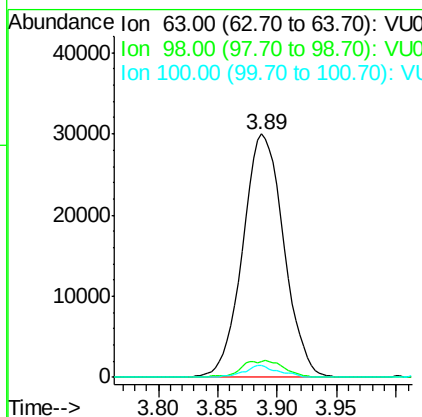
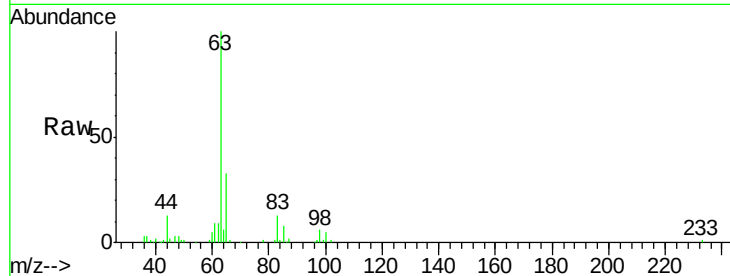
#17
 1,1-Dichloroethane
 Concen: 2.447 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100		71621		
98	6.4		3.0	9.2	
100	4.7		1.8	5.5	

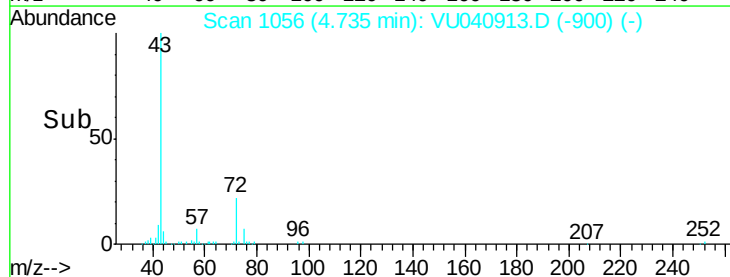
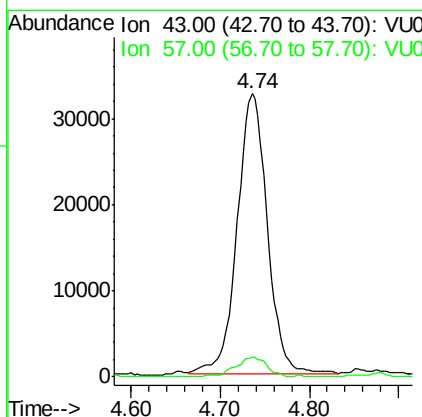
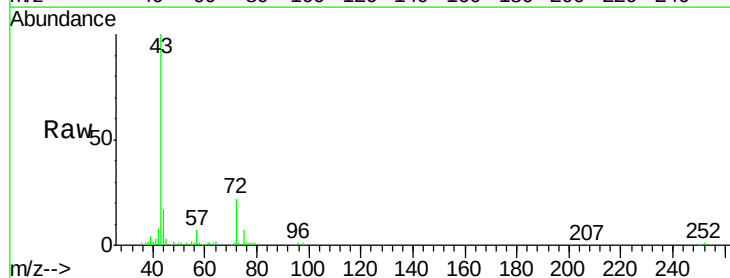
Manual Integrations
 APPROVED

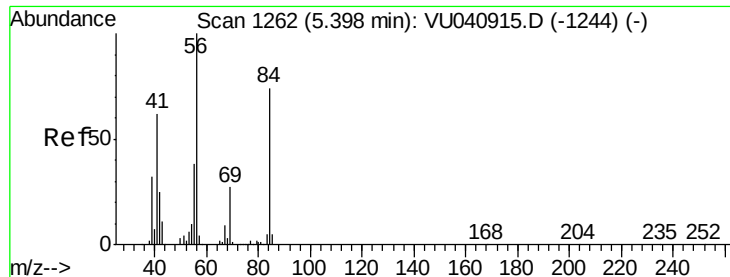
MMDadoda
 10/26/2020 4:14:48 PM



#18
 2-Butanone
 Concen: 12.651 ug/l
 RT: 4.74 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		76281		
57	6.8		0.0	15.2	





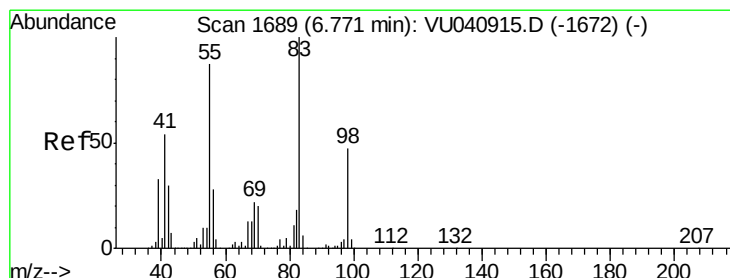
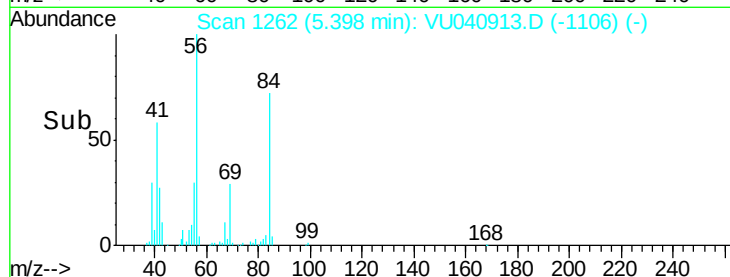
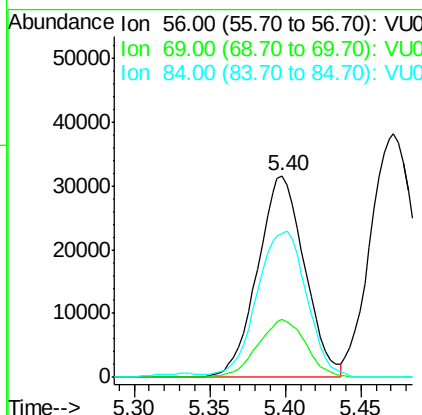
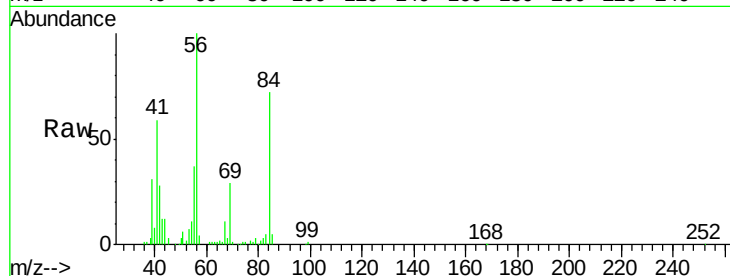
#19
Cyclohexane
Concen: 2.724 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	22.2	33.2
84	75.1	60.1	90.1

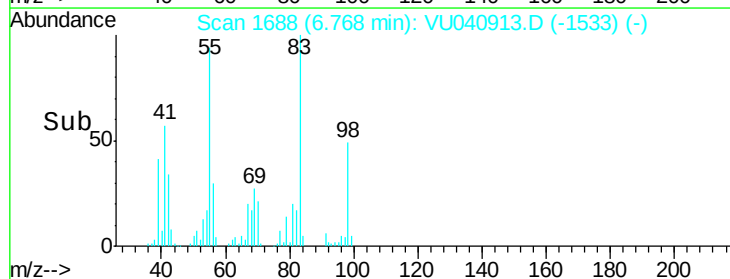
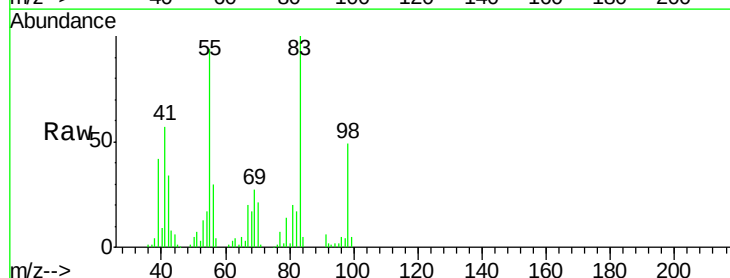
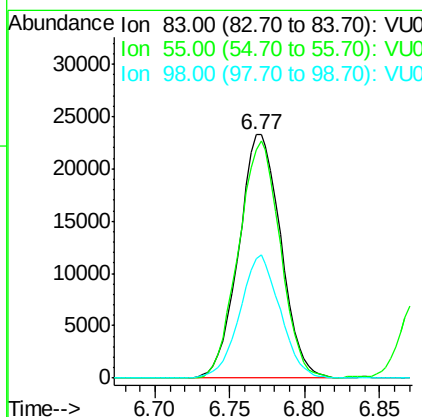
Manual Integrations
APPROVED

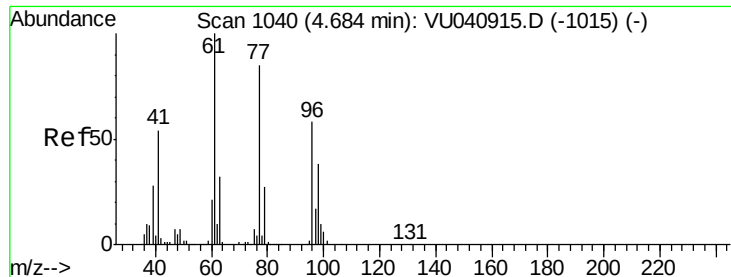
MMDadoda
10/26/2020 4:14:48 PM



#20
Methylcyclohexane
Concen: 2.034 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
83	100		
55	96.4	71.0	106.4
98	48.3	38.1	57.1





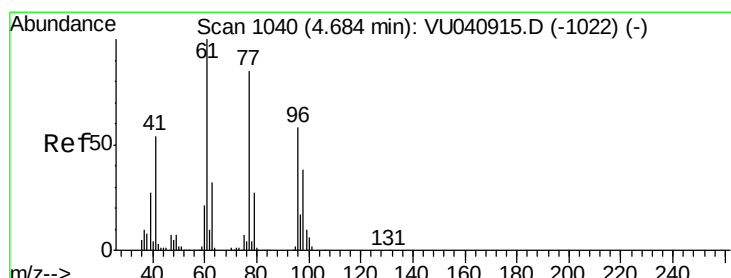
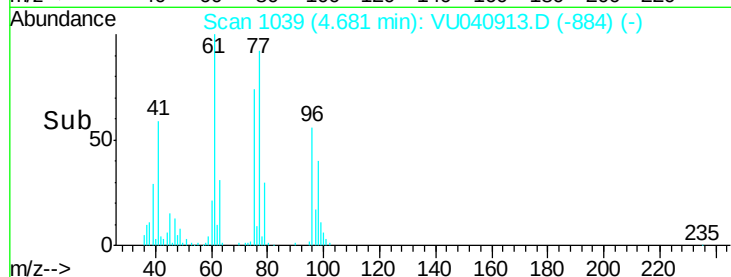
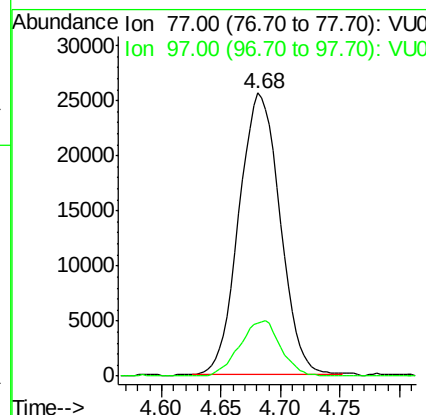
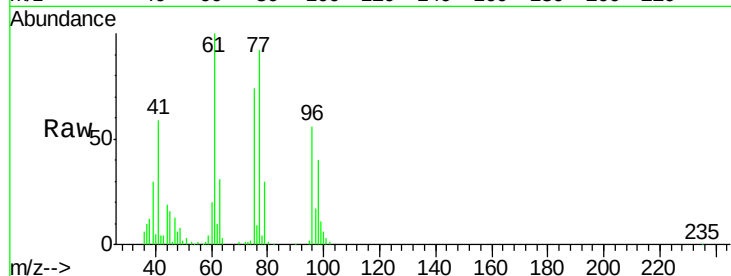
#21
 2,2-Dichloropropane
 Concen: 2.260 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion: 77 Resp: 61402
 Ion Ratio Lower Upper
 77 100
 97 19.4 16.0 24.0

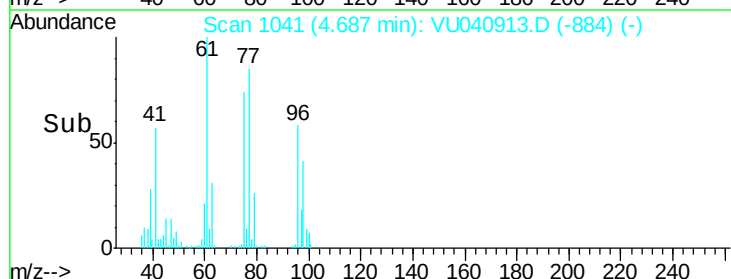
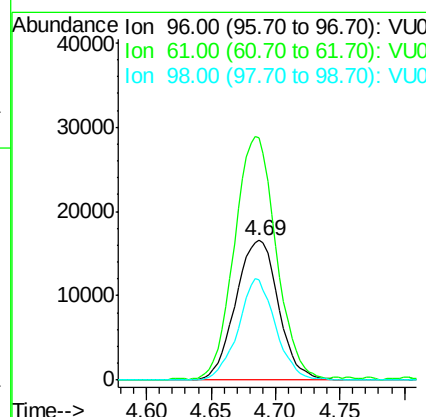
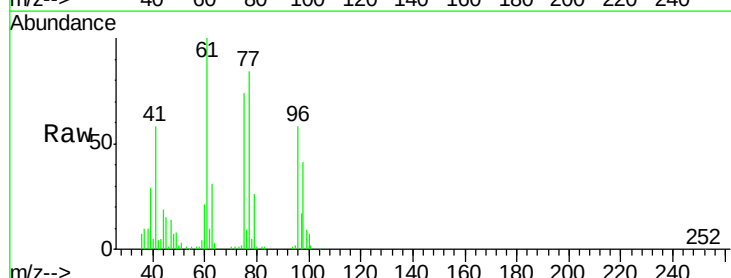
Manual Integrations
 APPROVED

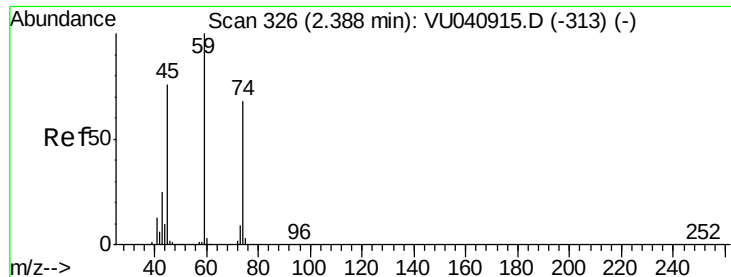
MMDadoda
 10/26/2020 4:14:48 PM



#22
 cis-1,2-Dichloroethene
 Concen: 2.480 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Tgt Ion: 96 Resp: 38208
 Ion Ratio Lower Upper
 96 100
 61 168.4 0.0 434.5
 98 63.7 32.6 97.8





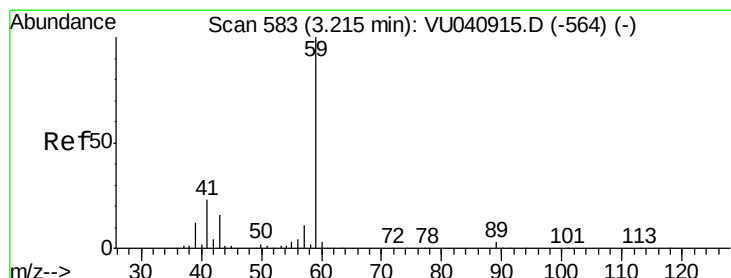
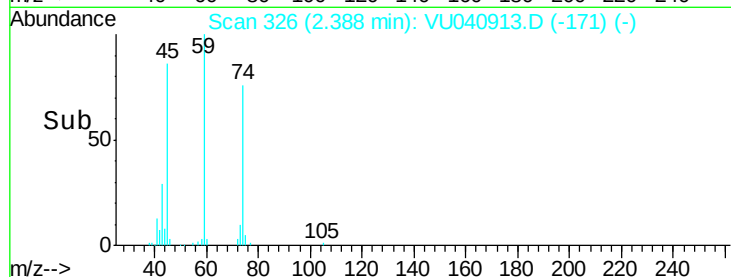
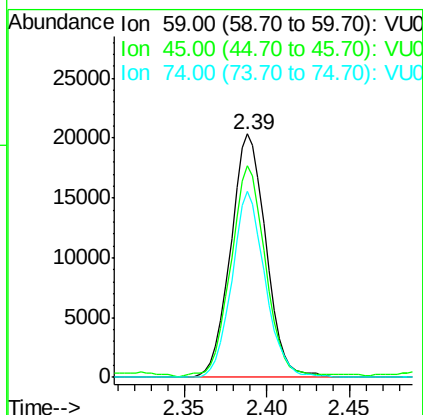
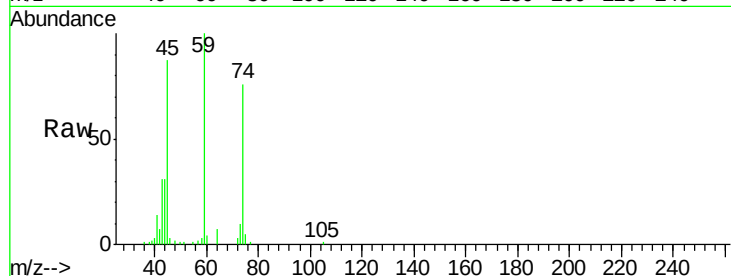
#23
Diethyl Ether
Concen: 2.533 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
59	100		
45	86.2	61.4	92.2
74	72.0	55.0	82.4

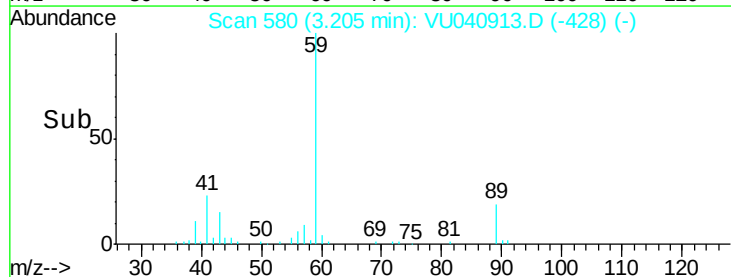
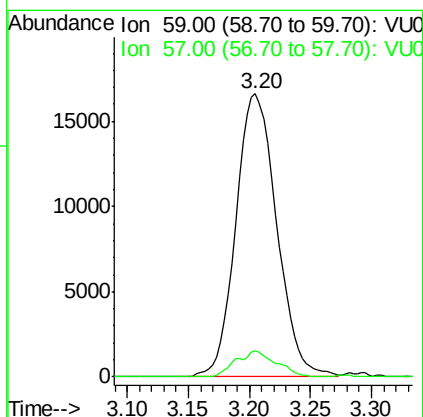
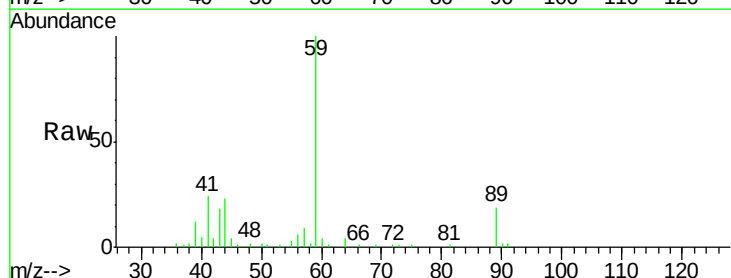
Manual Integrations
APPROVED

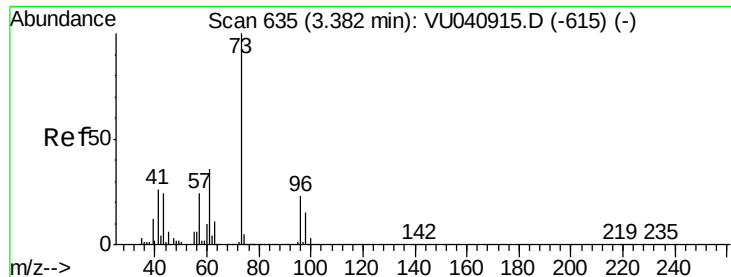
MMDadoda
10/26/2020 4:14:48 PM



#24
tert-Butyl Alcohol
Concen: 24.622 ug/l
RT: 3.20 min Scan# 580
Delta R.T. -0.01 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.1	8.4	12.6





#25

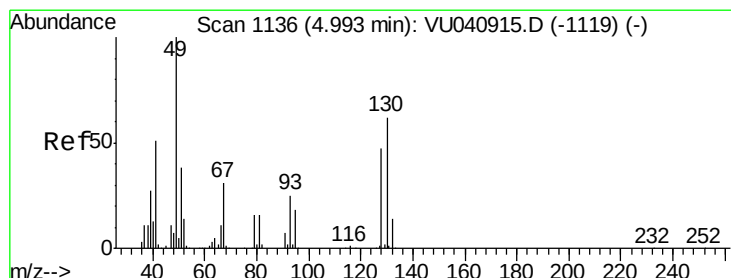
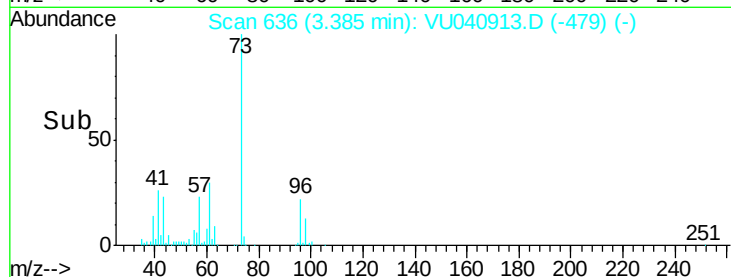
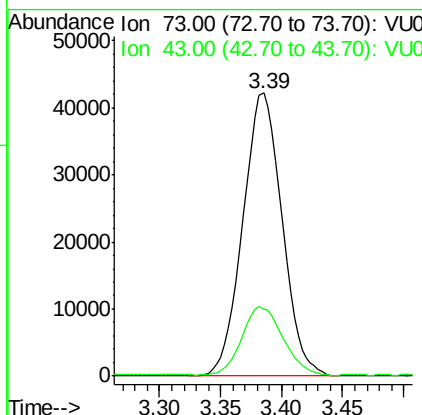
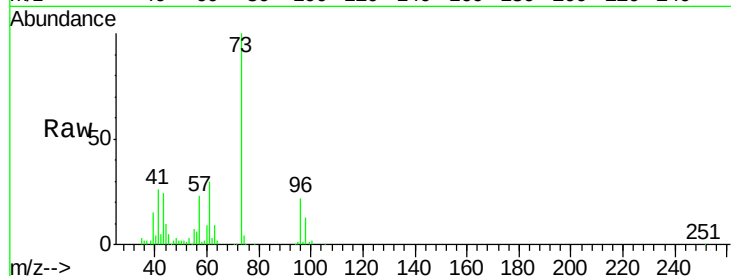
Methyl tert-Butyl Ether
 Concen: 2.304 ug/l
 RT: 3.39 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
73	100		
43	25.6	19.0	28.6

Manual Integrations
 APPROVED

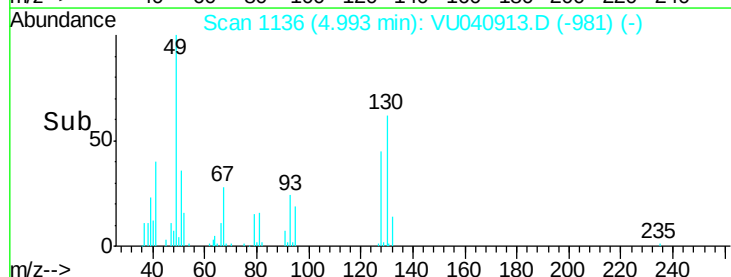
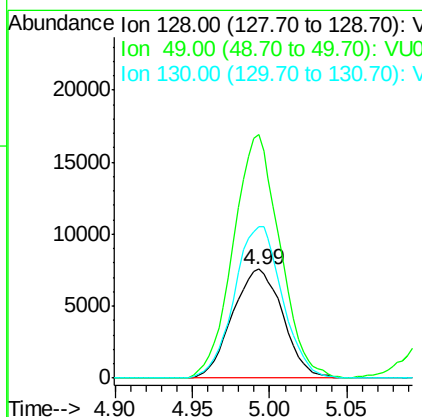
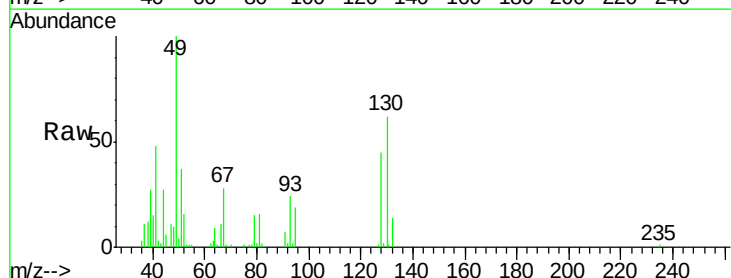
MMDadoda
 10/26/2020 4:14:48 PM

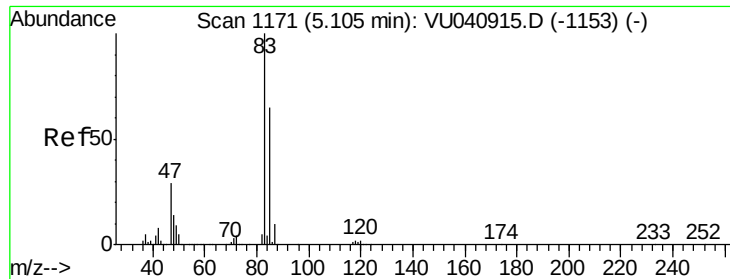


#26

Bromochloromethane
 Concen: 2.528 ug/l
 RT: 4.99 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
128	100		
49	207.8	0.0	426.4
130	133.2	106.2	159.4





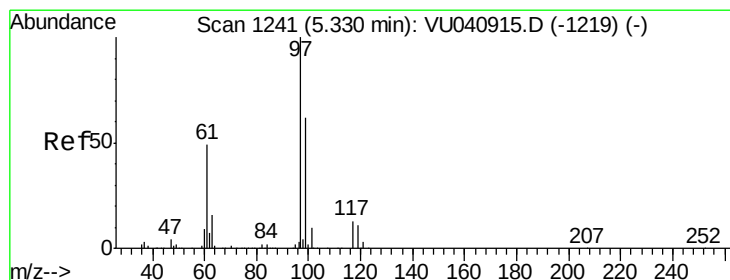
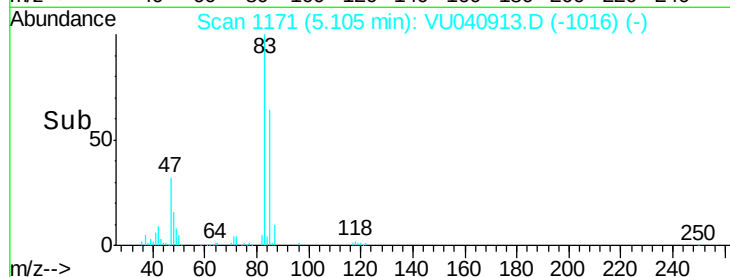
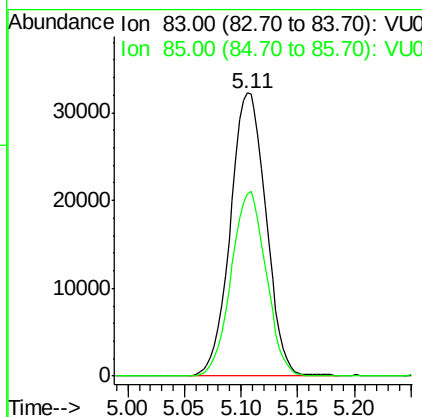
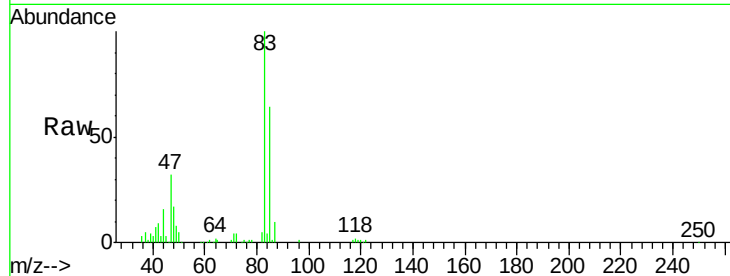
#27
Chloroform
Concen: 2.413 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	83	Resp	70762
Ion Ratio	100	Lower	Upper
83	100		
85	64.4	0.0	129.0

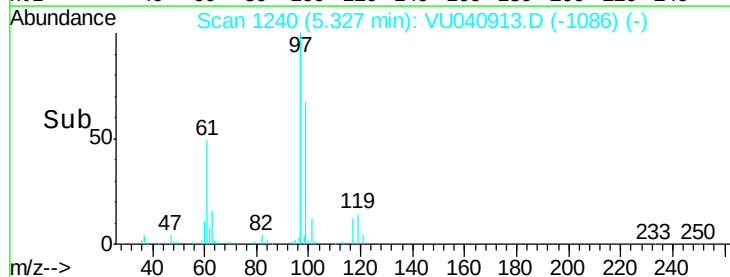
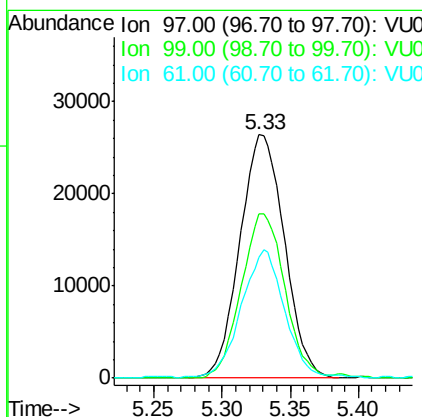
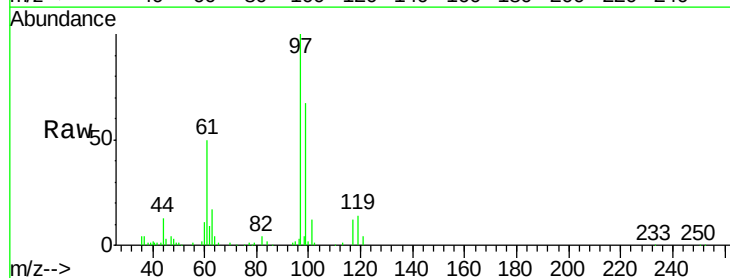
Manual Integrations
APPROVED

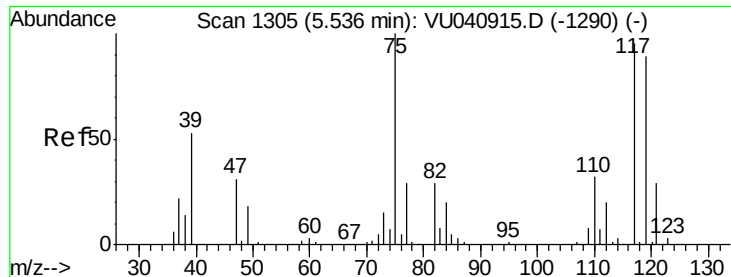
MMDadoda
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#28
1,1,1-Trichloroethane
Concen: 2.356 ug/l
RT: 5.33 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	97	Resp	59763
Ion Ratio	100	Lower	Upper
97	100		
99	65.9	31.4	94.3
61	51.9	24.7	74.1





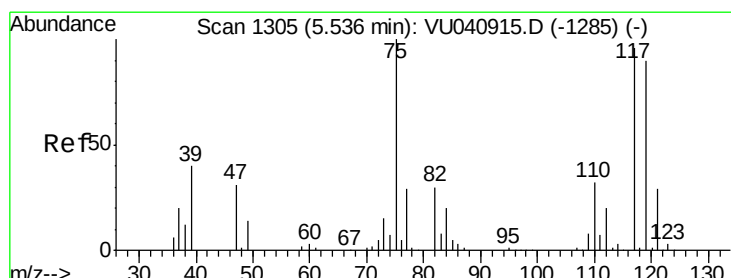
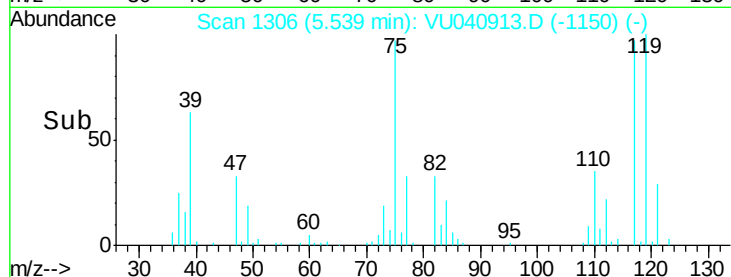
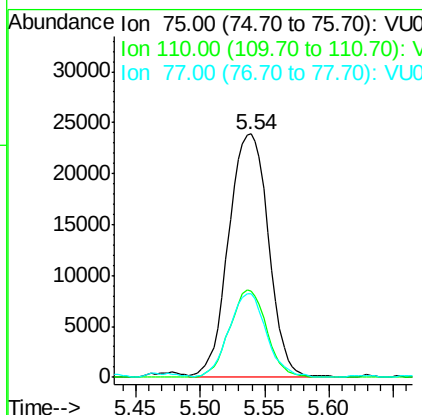
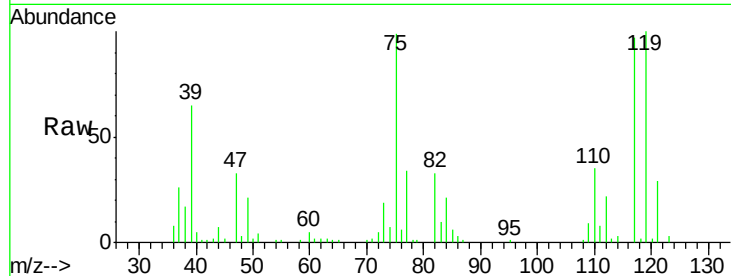
#29
1,1-Dichloropropene
Concen: 2.359 ug/l
RT: 5.54 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.2	15.9	47.6
77	32.5	24.2	36.2

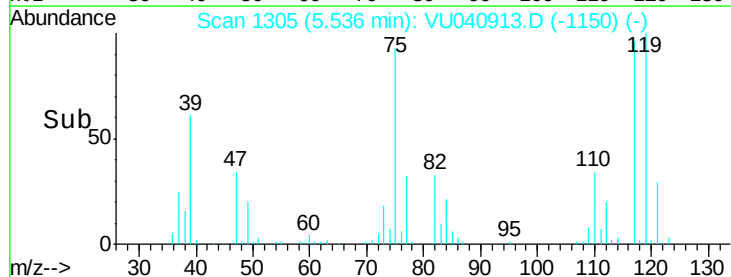
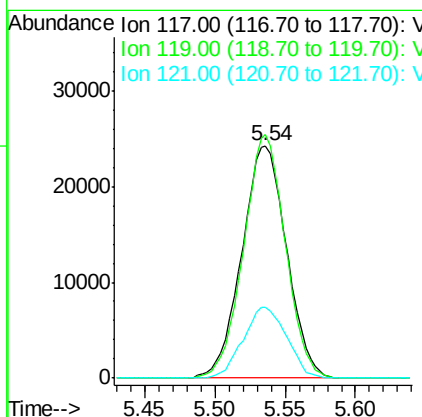
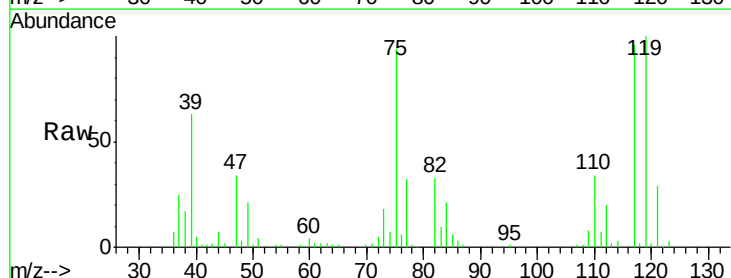
Manual Integrations
APPROVED

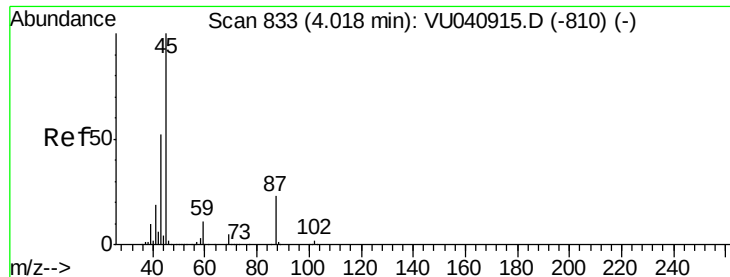
MMDadoda
10/26/2020 4:14:48 PM



#30
Carbon Tetrachloride
Concen: 2.345 ug/l
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	104.6	74.9	112.3
121	30.3	24.1	36.1





#31

Isopropyl Ether

Concen: 2.230 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 45 Resp: 109816

Ion Ratio Lower Upper

45 100

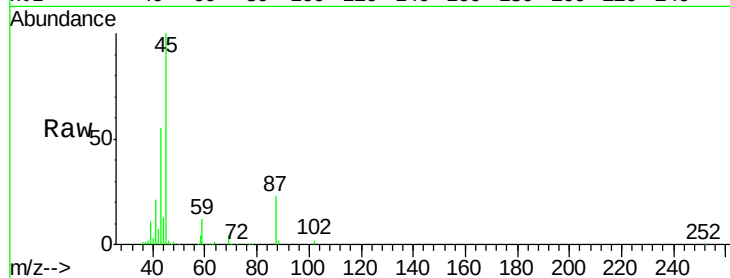
43 56.2 26.8 80.3

Manual Integrations

APPROVED

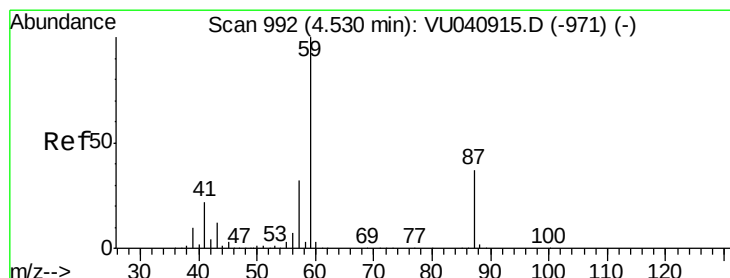
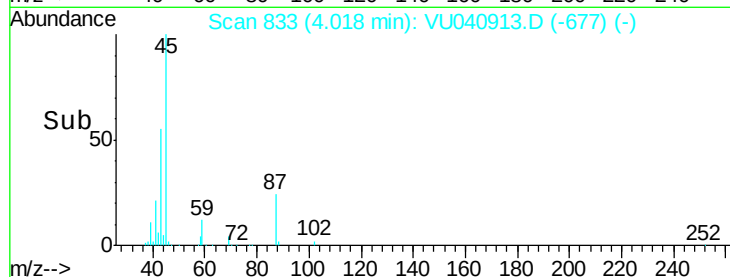
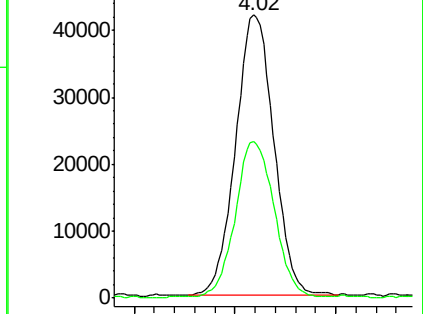
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Abundance Ion 45.00 (44.70 to 45.70): VU040913.D (-810) (-)

Ion 43.00 (42.70 to 43.70): VU040913.D (-810) (-)



#32

Ethyl-t-butyl ether

Concen: 2.234 ug/l

RT: 4.53 min Scan# 991

Delta R.T. -0.00 min

Lab File: VU040913.D

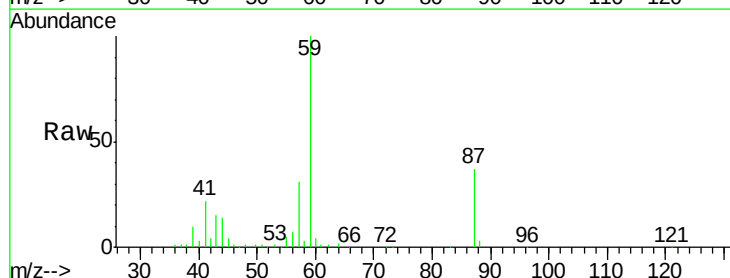
Acq: 22 Oct 2020 19:32

Tgt Ion: 59 Resp: 99084

Ion Ratio Lower Upper

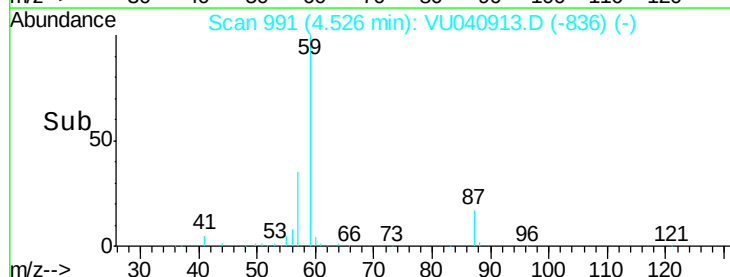
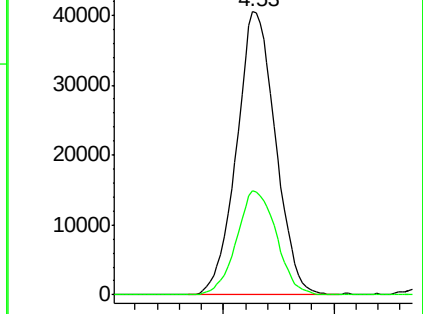
59 100

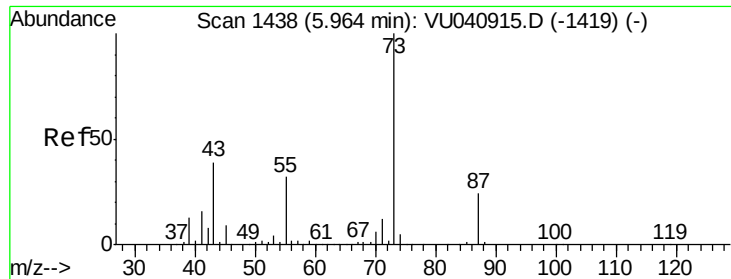
87 37.6 30.6 46.0



Abundance Ion 59.00 (58.70 to 59.70): VU040913.D (-971) (-)

Ion 87.00 (86.70 to 87.70): VU040913.D (-971) (-)





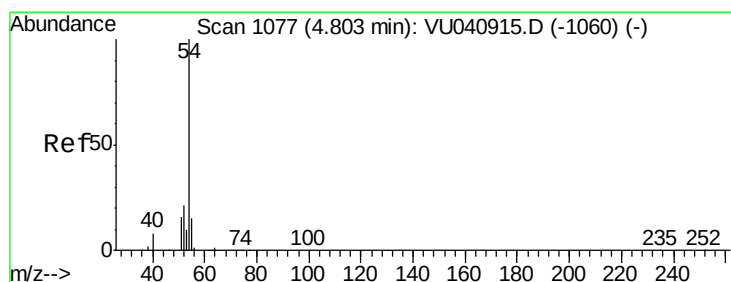
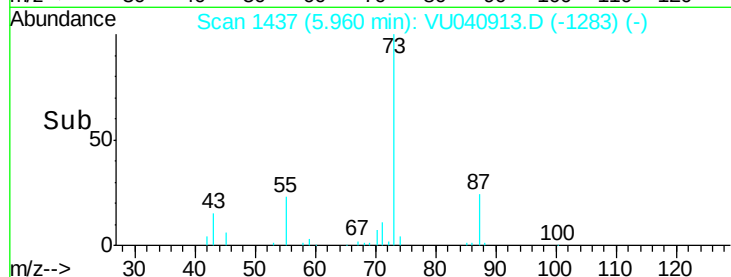
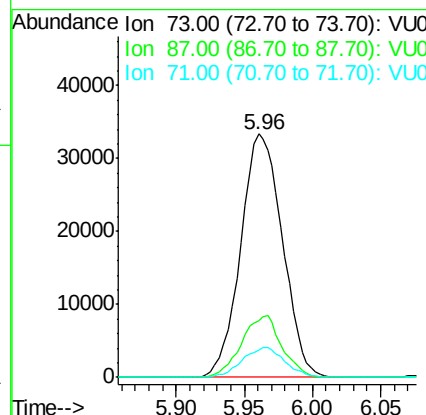
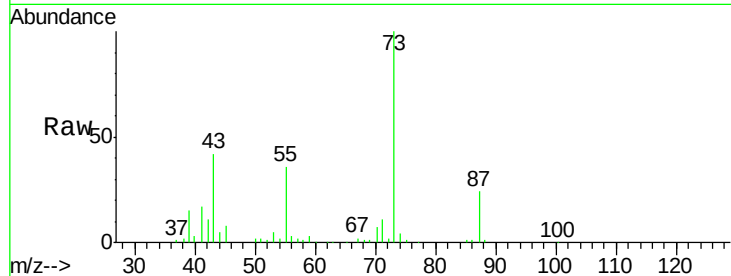
#33
Tert-Butyl methyl ether
Concen: 1.847 ug/l
RT: 5.96 min Scan# 1437
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
73	100		
87	24.4	19.0	28.4
71	12.4	9.7	14.5

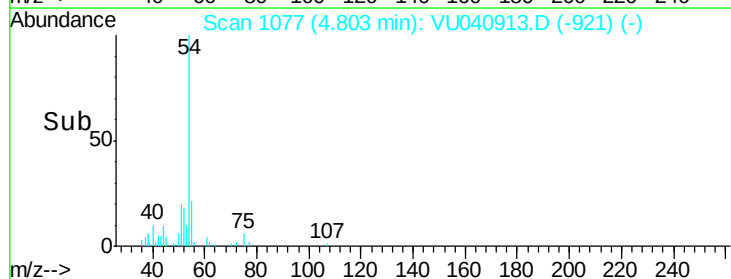
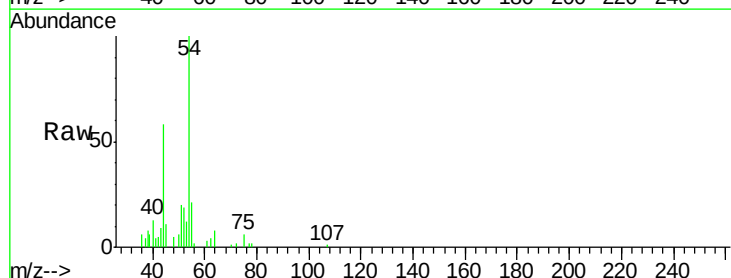
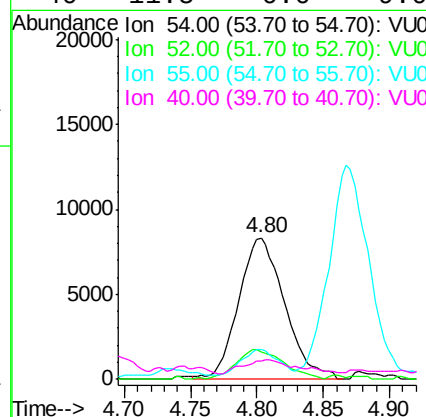
Manual Integrations
APPROVED

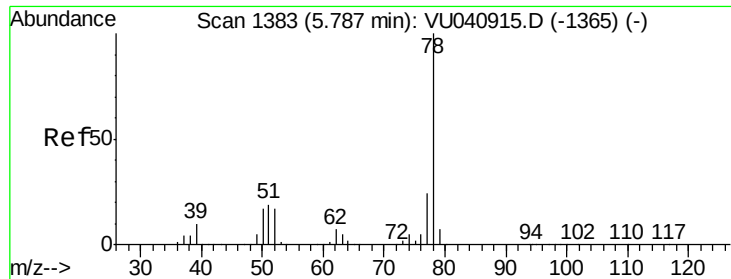
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#34
Propionitrile
Concen: 13.016 ug/l
RT: 4.80 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
54	100		
52	21.3	15.5	23.3
55	15.0	12.5	18.7
40	11.5	6.0	9.0





#35

Benzene

Concen: 2.446 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 78 Resp: 147488

Ion Ratio Lower Upper

78 100

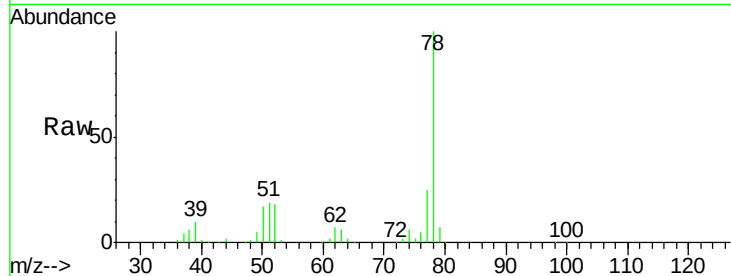
77 25.2 19.4 29.2

Manual Integrations

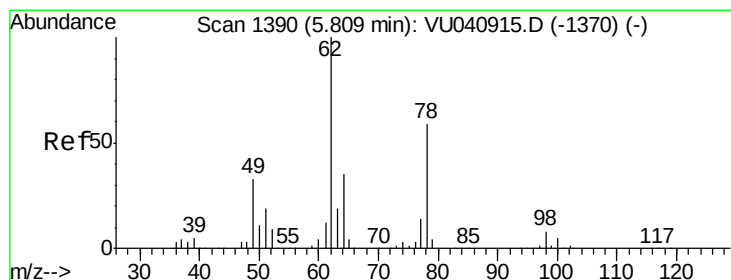
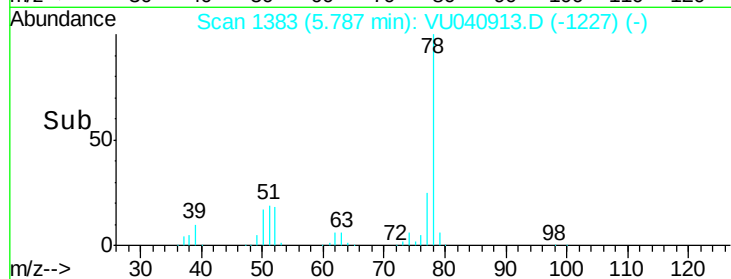
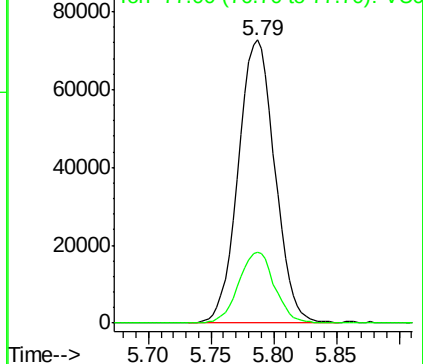
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Abundance Ion 78.10 (77.80 to 78.80): VU040913.D (-1227) (-)



#36

1,2-Dichloroethane

Concen: 2.342 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VU040913.D

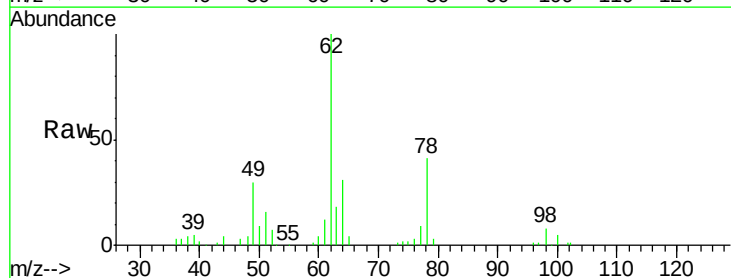
Acq: 22 Oct 2020 19:32

Tgt Ion: 62 Resp: 54199

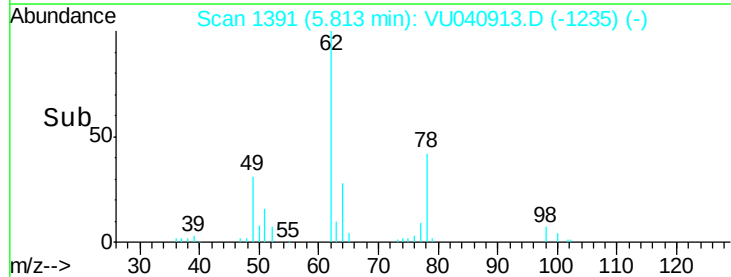
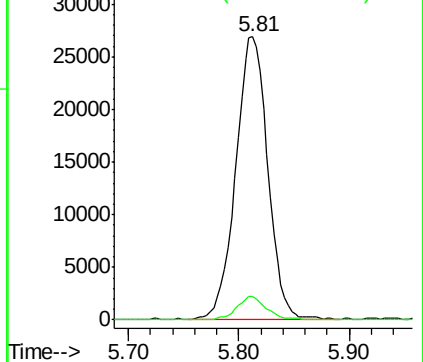
Ion Ratio Lower Upper

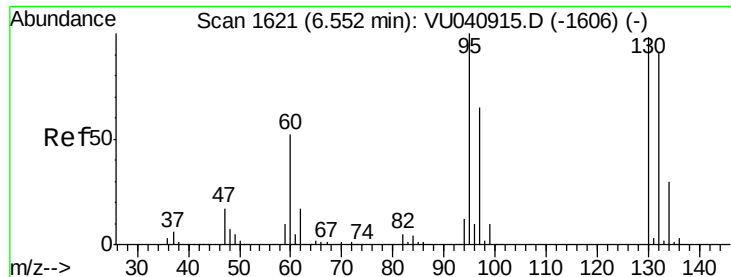
62 100

98 7.6 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040913.D (-1235) (-)





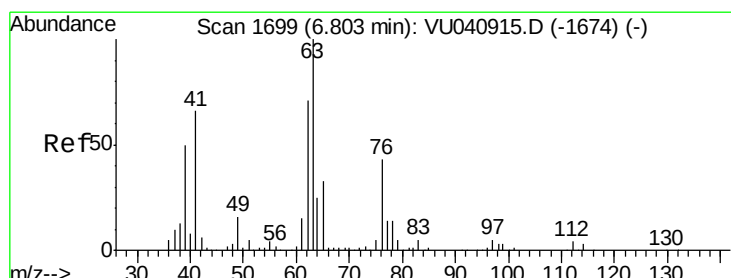
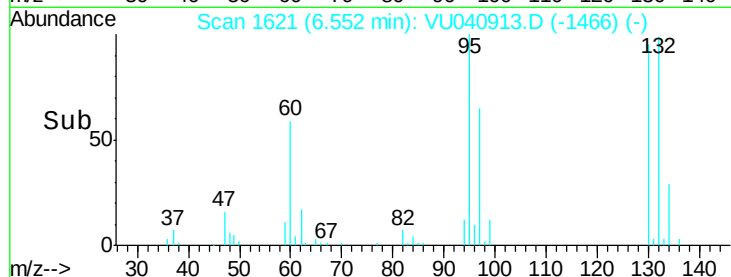
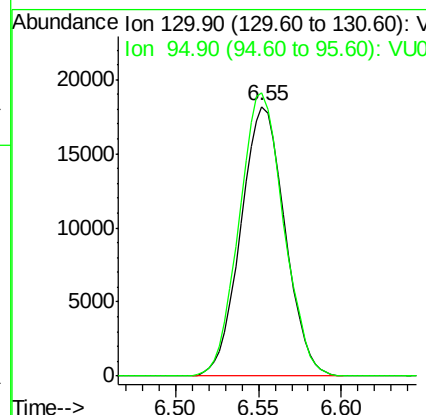
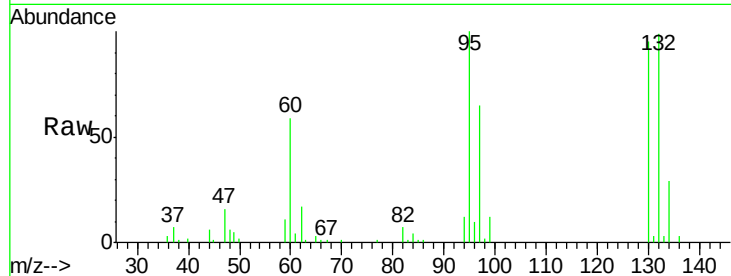
#37
 Trichloroethene
 Concen: 2.225 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion:130 Resp: 33627
 Ion Ratio Lower Upper
 130 100
 95 105.1 81.9 122.9

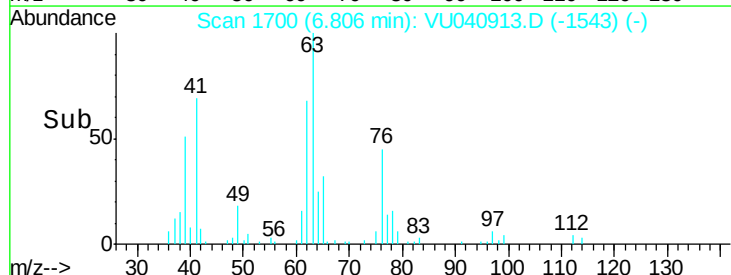
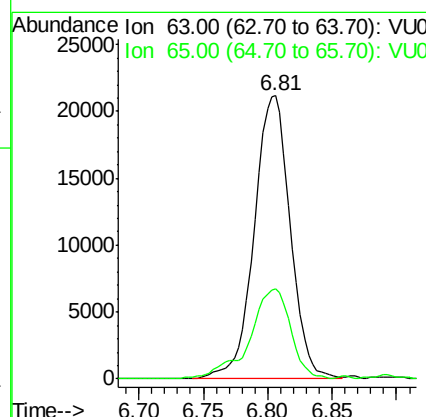
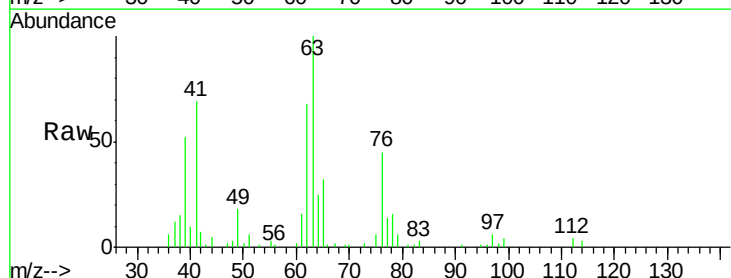
Manual Integrations
 APPROVED

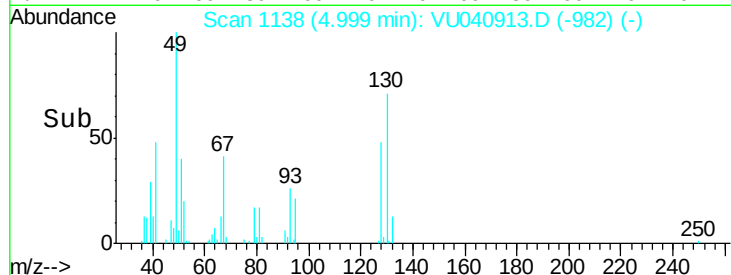
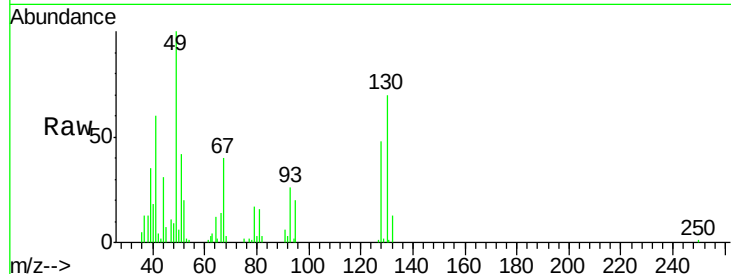
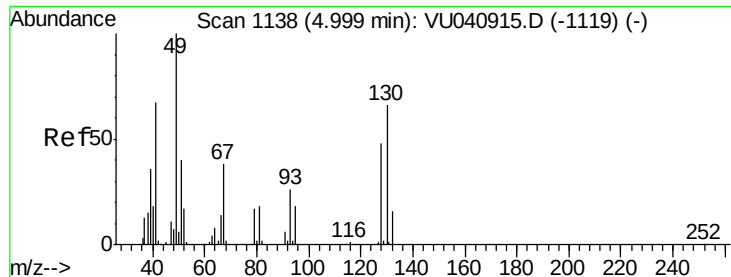
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 10/26/2020 4:14:48 PM



#38
 1,2-Dichloropropane
 Concen: 2.379 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Tgt Ion: 63 Resp: 41428
 Ion Ratio Lower Upper
 63 100
 65 31.3 26.2 39.2





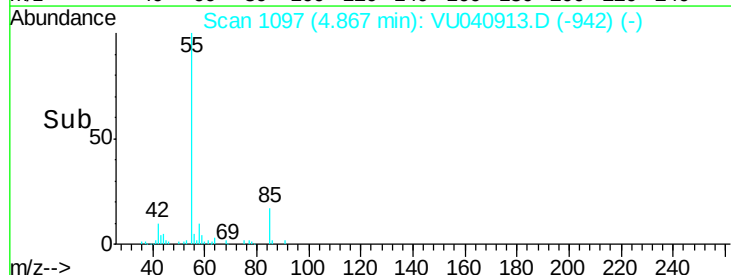
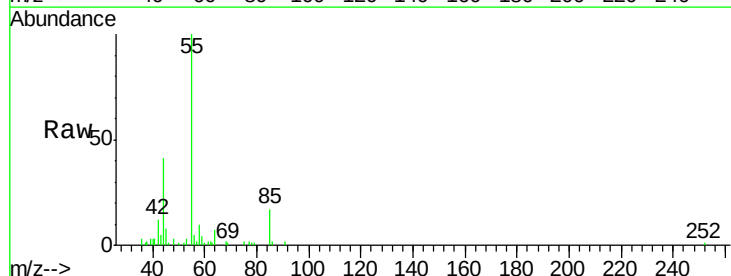
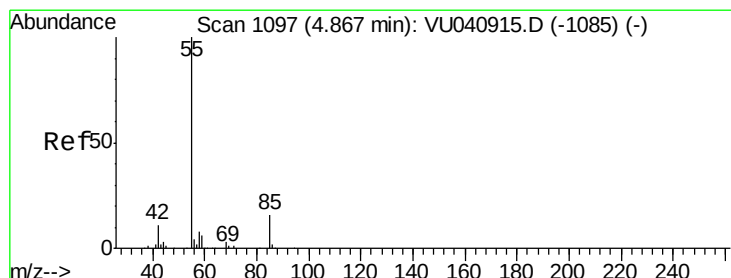
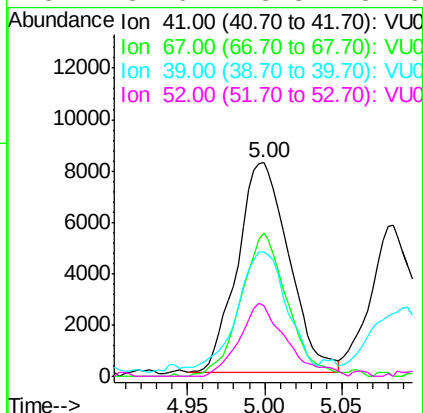
#39
Methacrylonitrile
Concen: 2.318 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tot Ion	41	Resp	18885
Ion	Ratio	Lower	Upper
41	100		
67	61.5	48.7	73.1
39	50.5	44.6	67.0
52	31.6	23.3	34.9

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

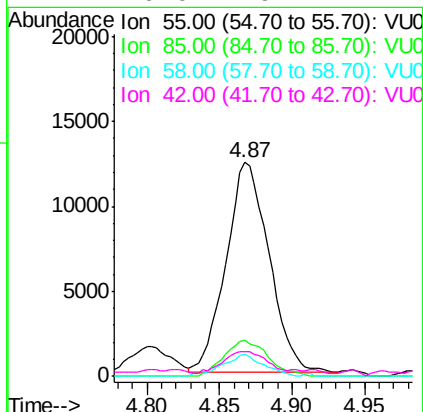
Manual Integrations
APPROVED

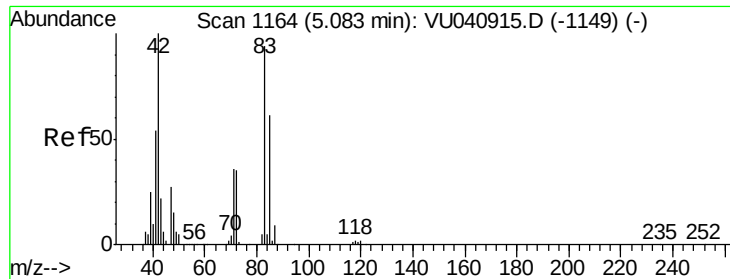
MMDadoda
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#40
Methyl acrylate
Concen: 2.413 ug/l
RT: 4.87 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	55	Resp	25409
Ion	Ratio	Lower	Upper
55	100		
85	17.2	12.2	18.2
58	9.6	6.8	10.2
42	10.0	9.4	14.2





#41

Tetrahydrofuran

Concen: 4.830 ug/l

RT: 5.08 min Scan# 1164

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

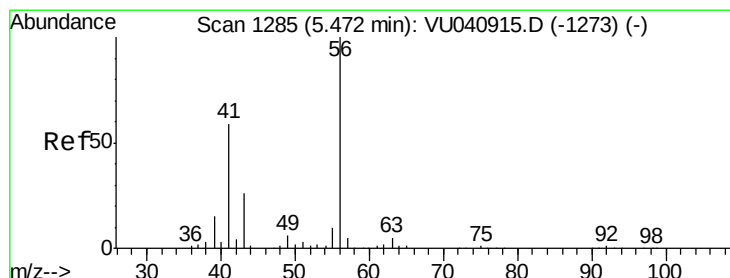
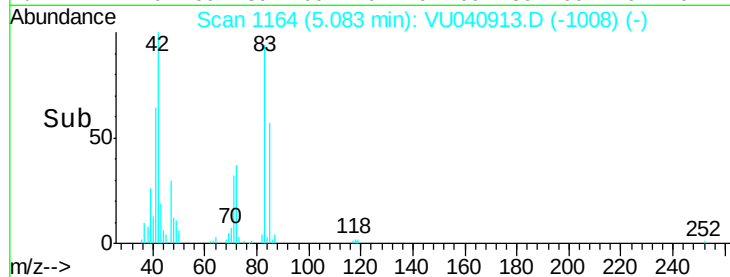
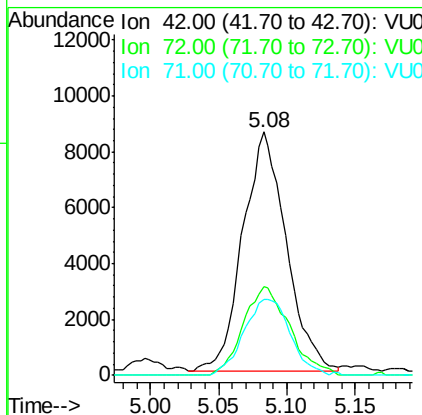
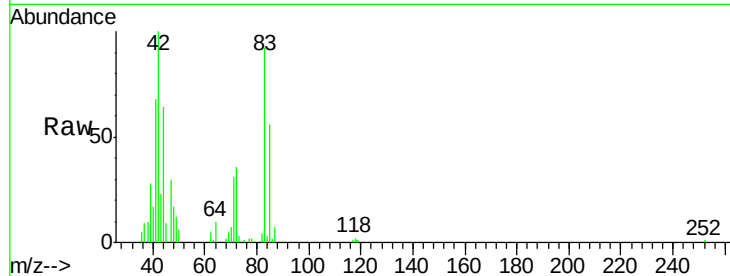
ClientSampleId :

VSTDIC002

Tot Ion:	42	Resp:	19090
Ion	Ratio	Lower	Upper
42	100		
72	39.1	30.1	45.1
71	33.5	27.9	41.9

Manual Integrations
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#42

1-Chlorobutane

Concen: 2.419 ug/l

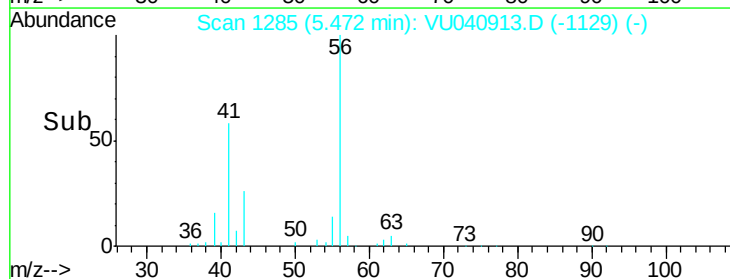
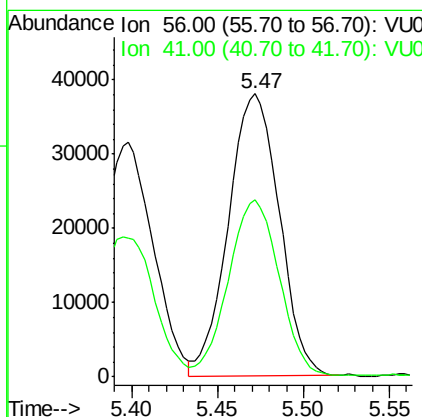
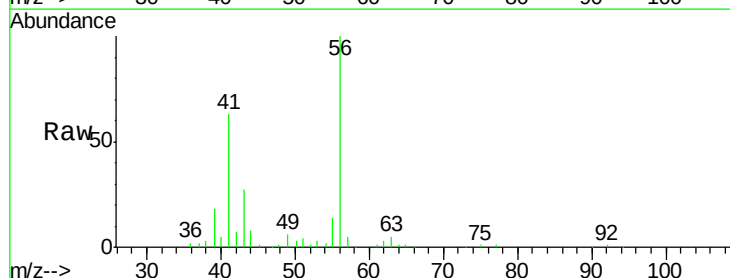
RT: 5.47 min Scan# 1285

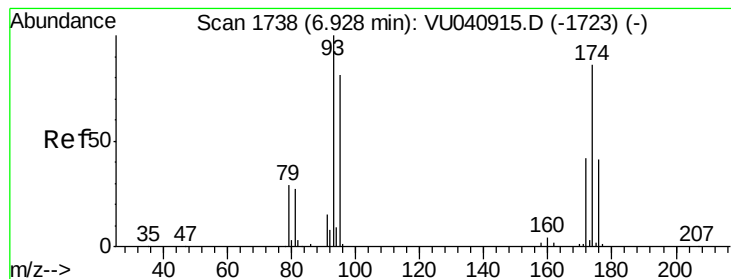
Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Tgt Ion:	56	Resp:	78128
Ion	Ratio	Lower	Upper
56	100		
41	61.8	29.6	88.8





#43

Dibromomethane

Concen: 2.388 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

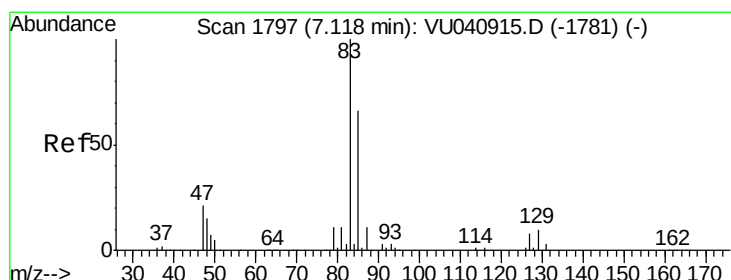
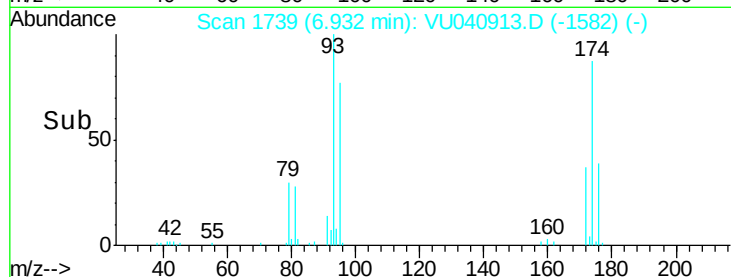
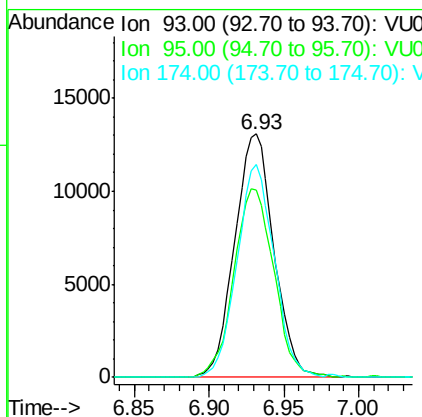
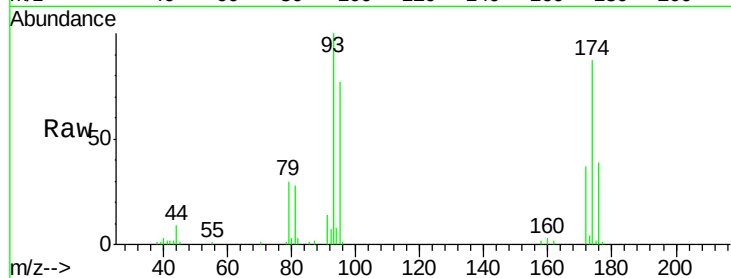
ClientSampleId :

VSTDIC002

Tot Ion:	93	Resp:	23857
Ion	Ratio	Lower	Upper
93	100		
95	79.0	66.3	99.5
174	83.2	70.4	105.6

Manual Integrations
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#44

Bromodichloromethane

Concen: 2.208 ug/l

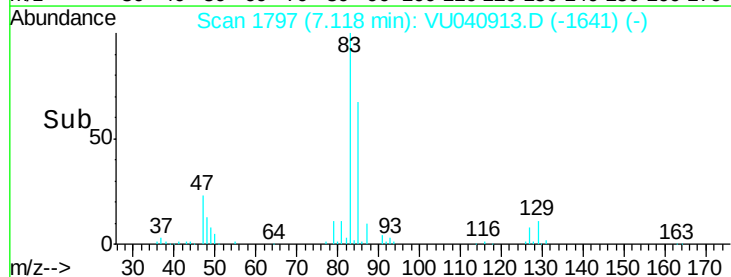
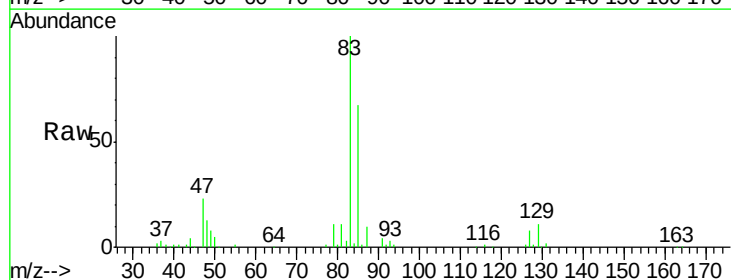
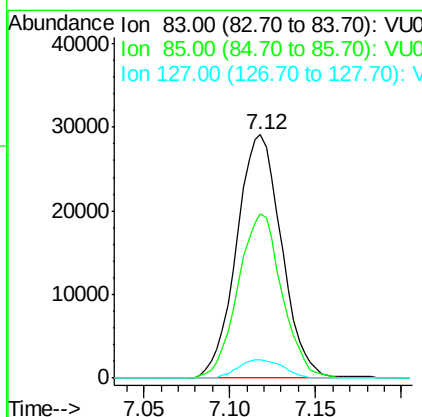
RT: 7.12 min Scan# 1797

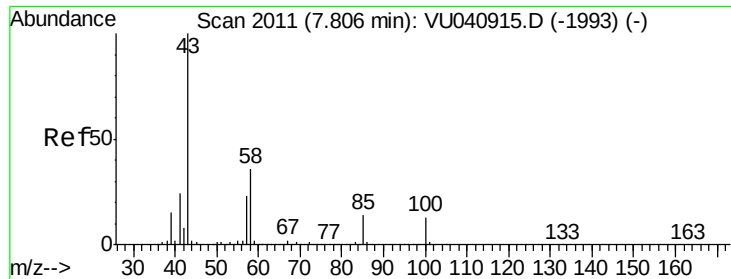
Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Tgt Ion:	83	Resp:	52848
Ion	Ratio	Lower	Upper
83	100		
85	67.4	52.6	78.8
127	7.6	6.4	9.6





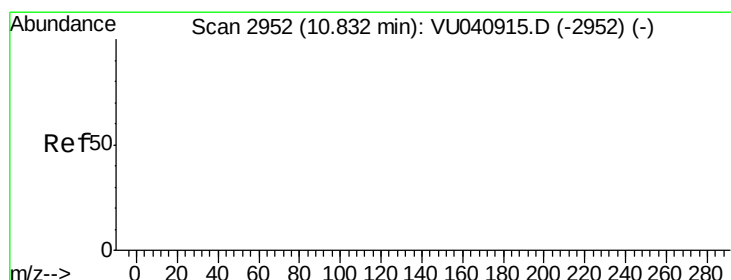
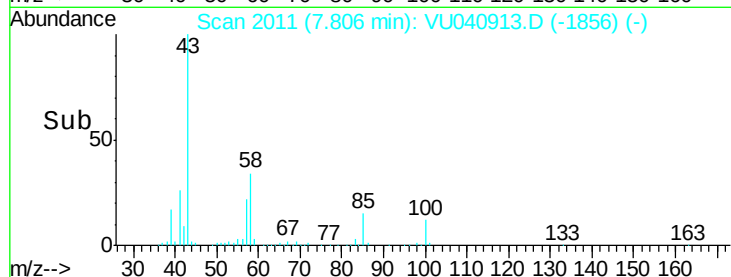
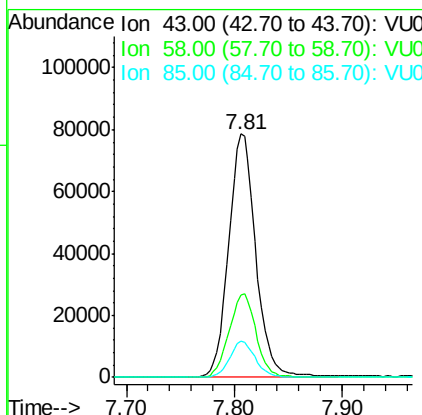
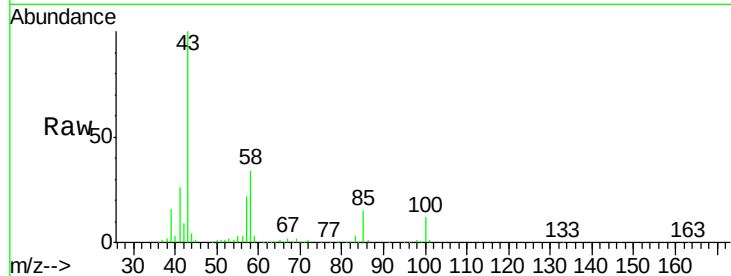
#45
4-Methyl-2-Pentanone
Concen: 10.091 ug/l
RT: 7.81 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
43	100		
58	34.0	17.8	53.5
85	13.9	11.4	17.2

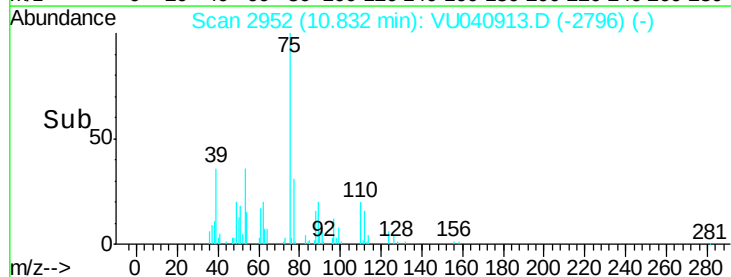
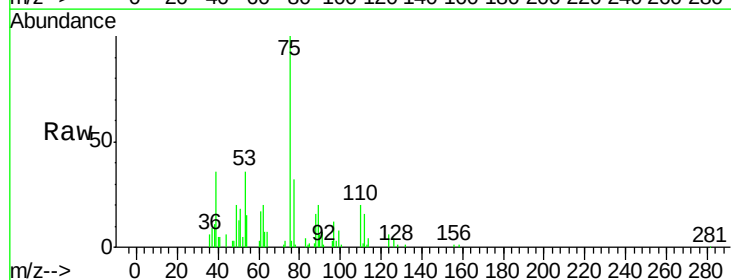
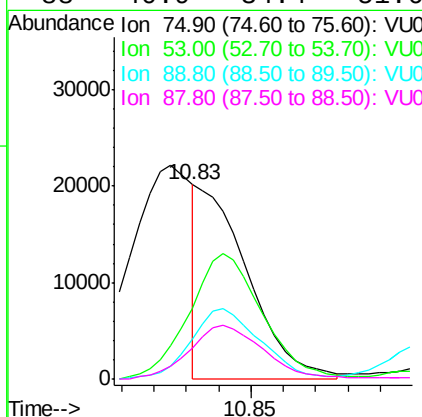
Manual Integrations
APPROVED

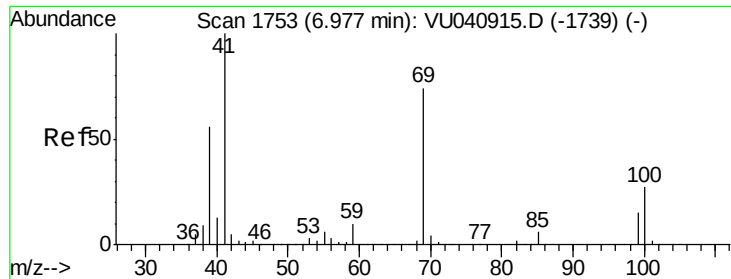
MMDadoda
10/26/2020 4:14:48 PM



#46
t-1,4-Dichloro-2-butene
Concen: 4.157 ug/l m
RT: 10.83 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.9	73.0	109.4
89	50.9	41.7	62.5
88	40.9	34.4	51.6





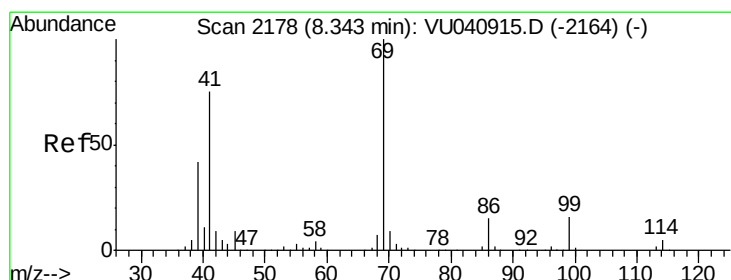
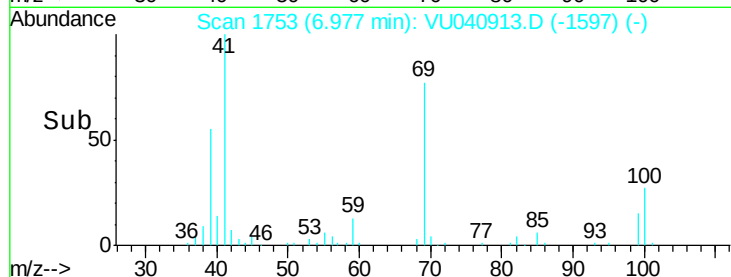
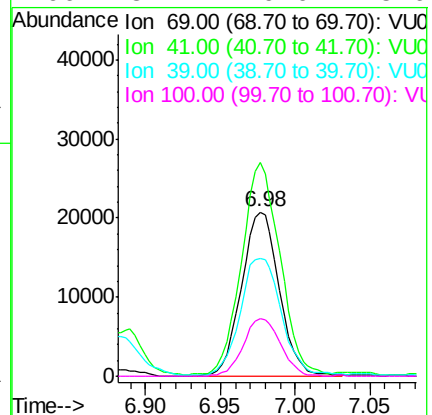
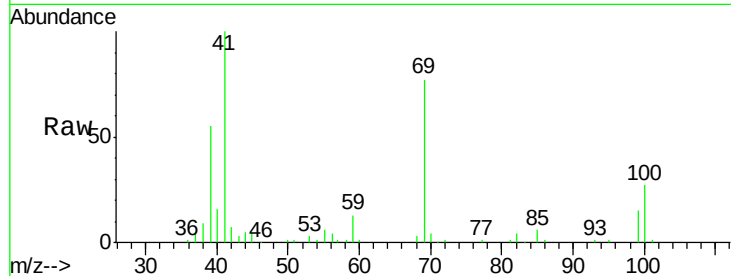
#47
Methvl methacrylate
Concen: 4.223 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ion	Ratio	Lower	Upper
69	100			
41	130.7	0.0	270.2	
39	77.0	61.6	92.4	
100	34.4	29.0	43.6	

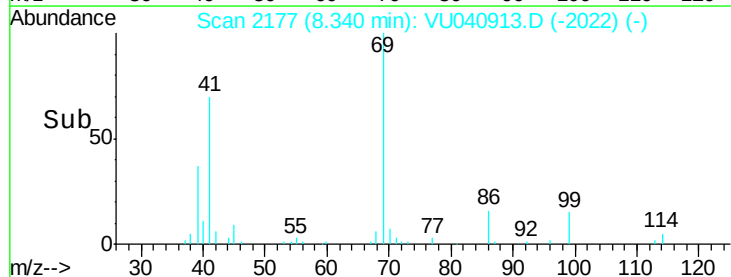
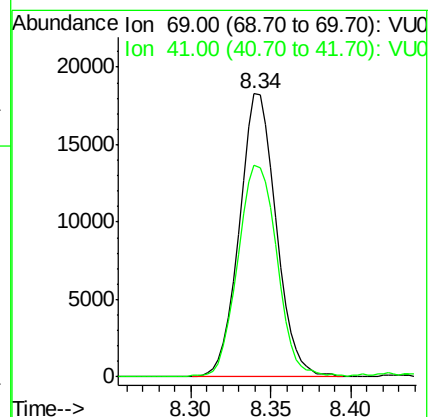
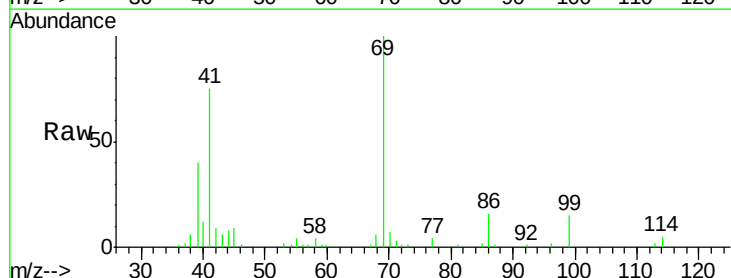
Manual Integrations
APPROVED

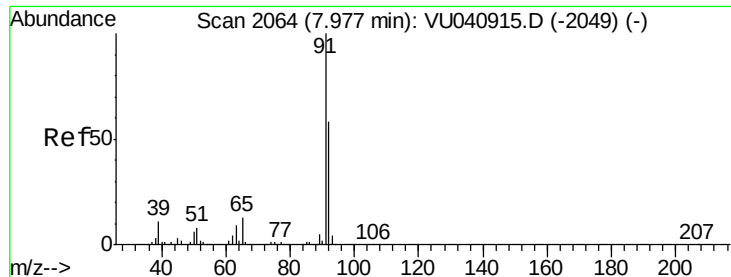
MMDadoda
10/26/2020 4:14:48 PM



#48
Ethyl methacrylate
Concen: 1.847 ug/l
RT: 8.34 min Scan# 2177
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	80.1	37.6	112.9	





#49

Toluene

Concen: 2.094 ug/l

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 92 Resp: 76227

Ion Ratio Lower Upper

92 100

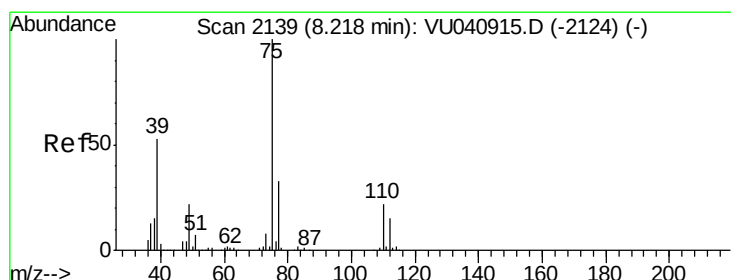
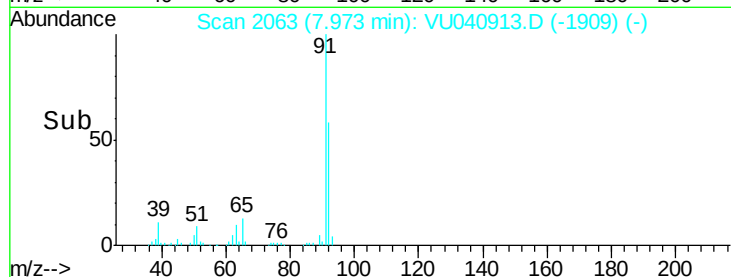
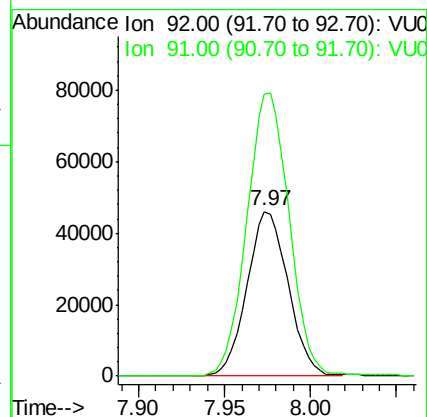
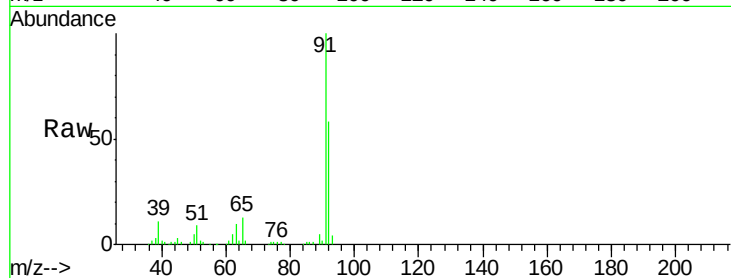
91 177.4 136.8 205.2

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 2.090 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040913.D

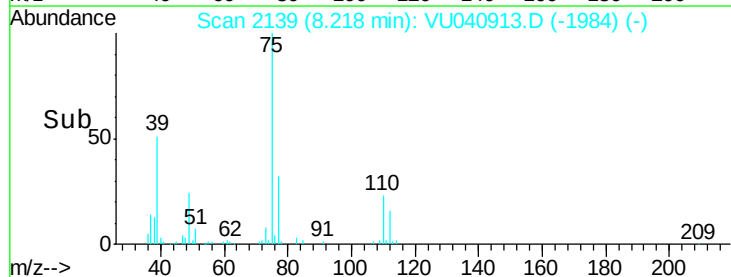
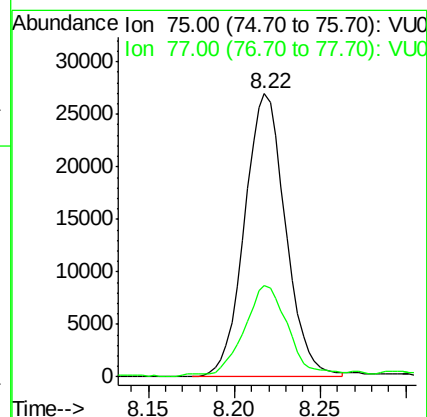
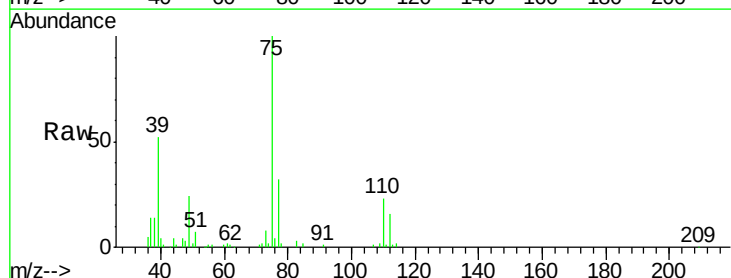
Acq: 22 Oct 2020 19:32

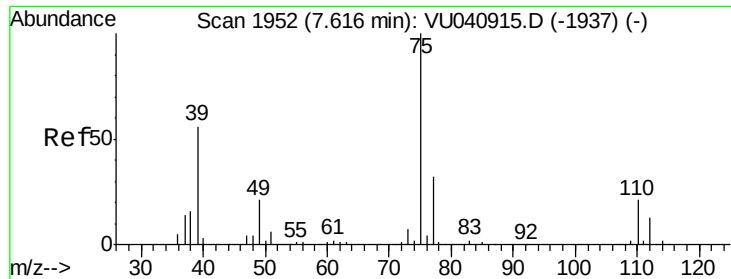
Tgt Ion: 75 Resp: 44779

Ion Ratio Lower Upper

75 100

77 31.5 26.2 39.4





#51

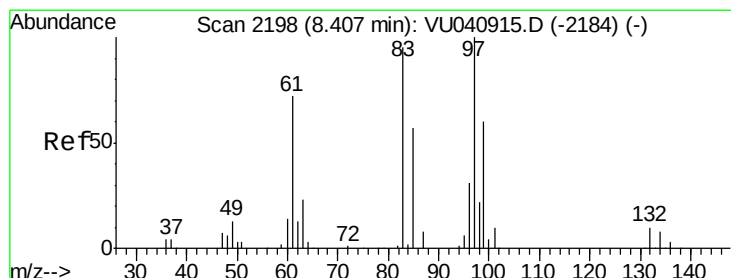
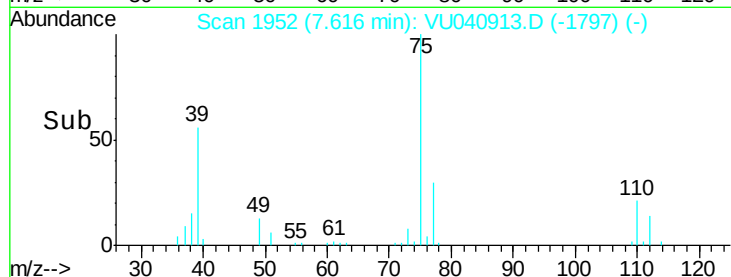
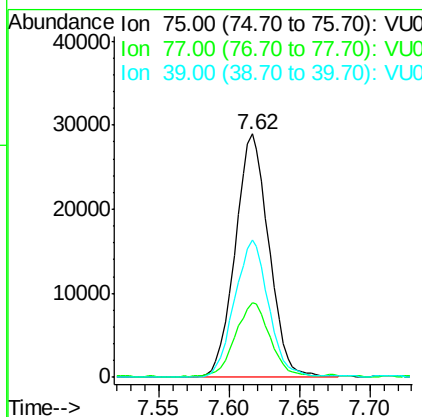
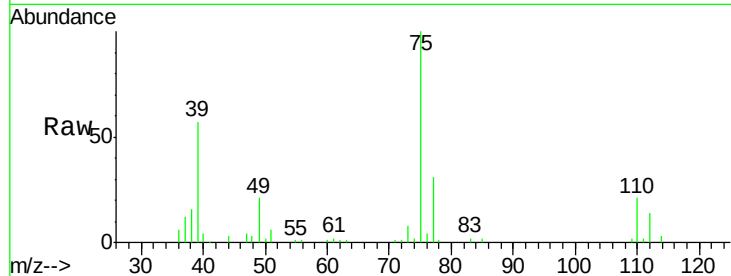
cis-1,3-Dichloropropene
Concen: 2.043 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.4	38.0
39	56.1	44.7	67.1

Manual Integrations
APPROVED

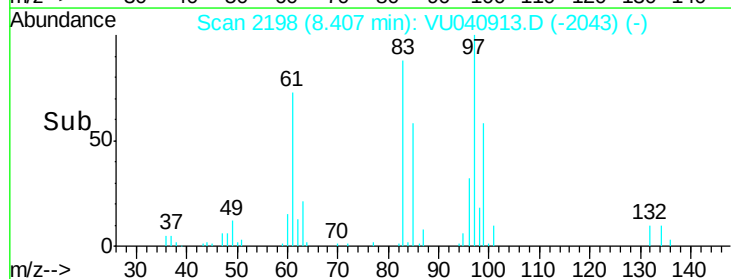
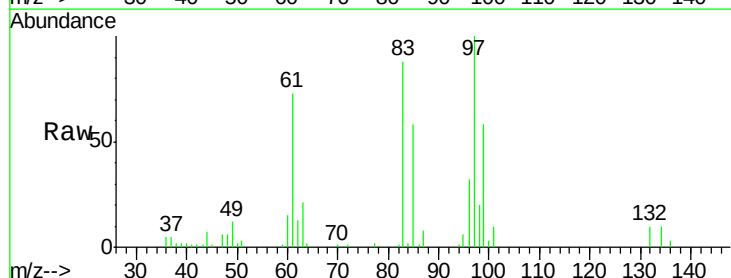
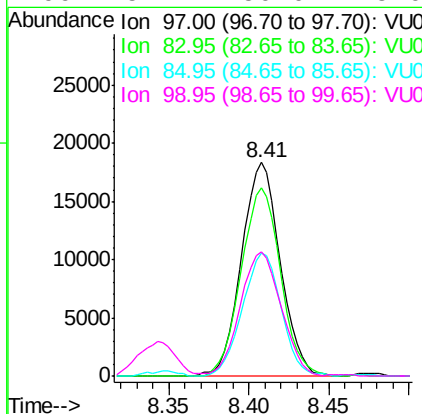
MMDadoda
10/26/2020 4:14:48 PM

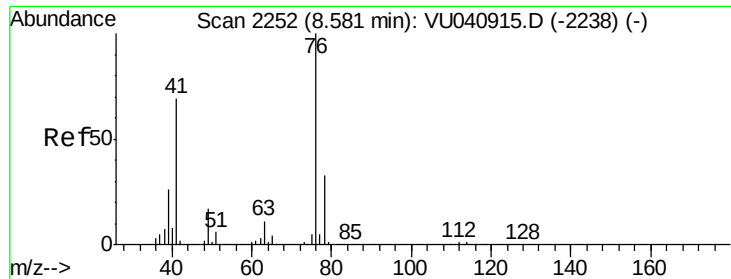


#52

1,1,2-Trichloroethane
Concen: 2.363 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.0	75.9	113.9
85	57.5	46.1	69.1
99	57.4	50.0	75.0





#53

1,3-Dichloropropane

Concen: 2.233 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 76 Resp: 51400

Ion Ratio Lower Upper

76 100

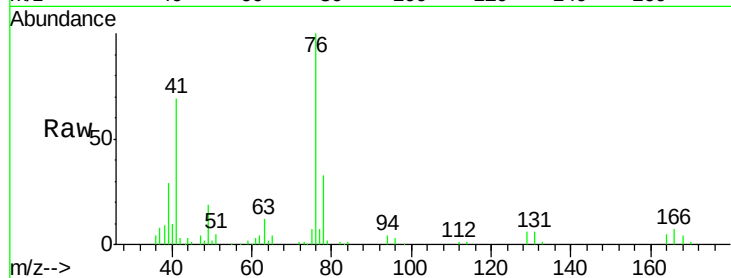
78 33.0 26.6 39.8

Manual Integrations

APPROVED

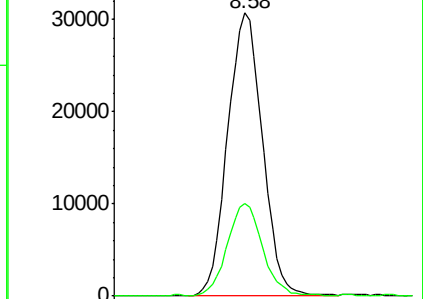
MMDadoda

10/26/2020 4:14:48 PM

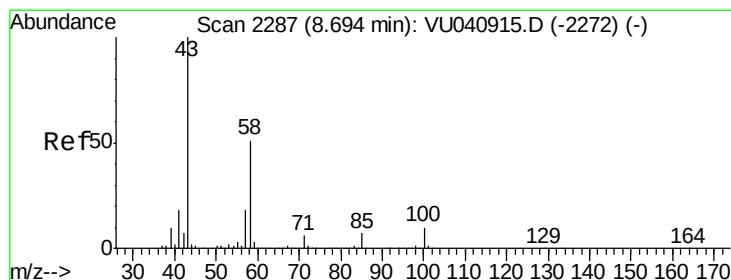
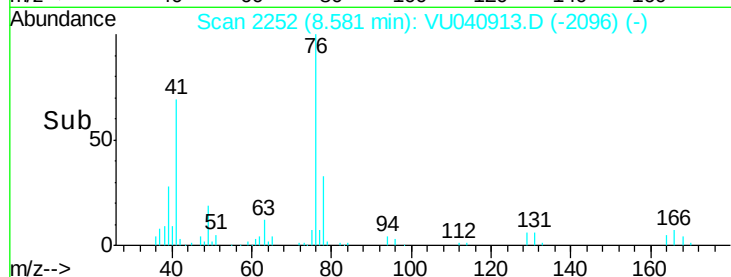


Abundance Ion 76.00 (75.70 to 76.70): VU040913.D (-2096) (-)

Ion 78.00 (77.70 to 78.70): VU040913.D (-2096) (-)



Time--> 8.50 8.55 8.60 8.65



#54

2-Hexanone

Concen: 9.660 ug/l

RT: 8.69 min Scan# 2287

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

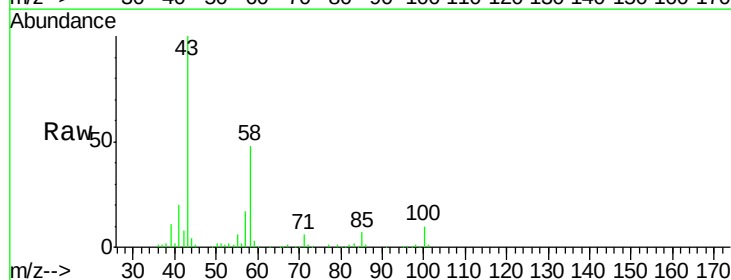
Tgt Ion: 43 Resp: 95358

Ion Ratio Lower Upper

43 100

58 46.8 30.2 70.2

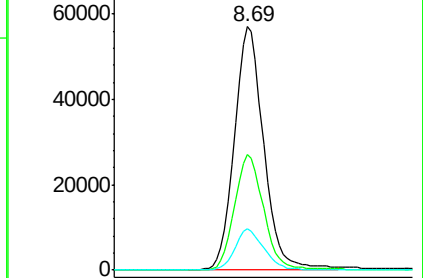
57 16.5 0.0 37.4



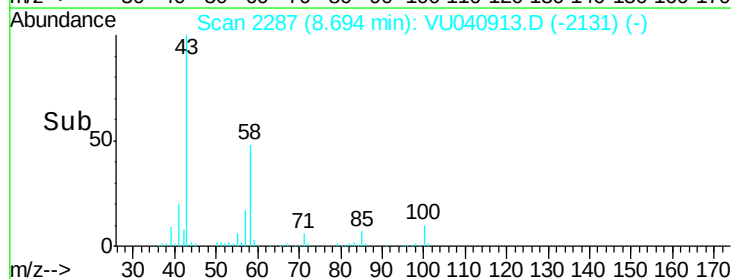
Abundance Ion 43.00 (42.70 to 43.70): VU040913.D (-2131) (-)

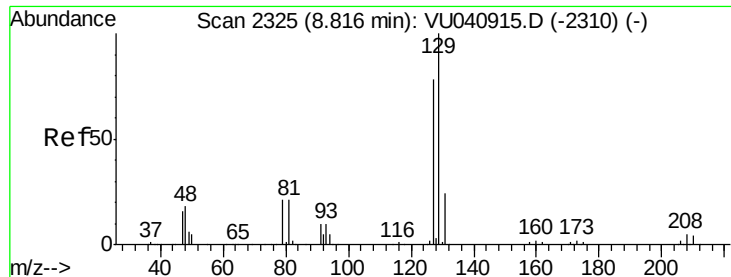
Ion 58.00 (57.70 to 58.70): VU040913.D (-2131) (-)

Ion 57.00 (56.70 to 57.70): VU040913.D (-2131) (-)



Time--> 8.60 8.65 8.70 8.75 8.80





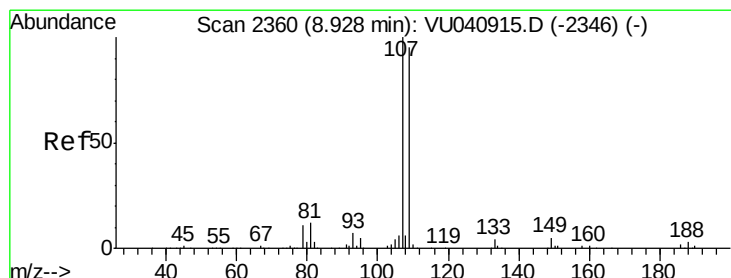
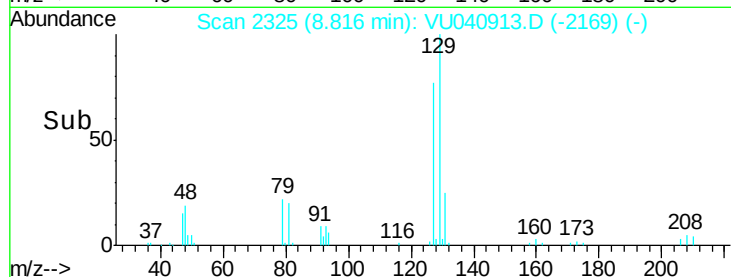
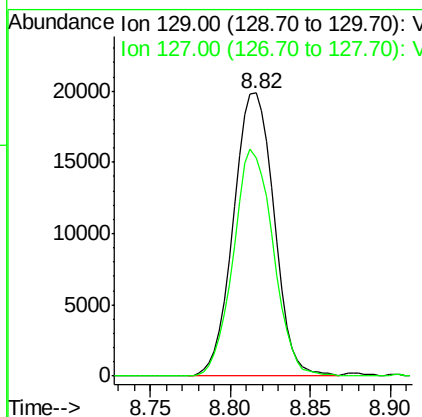
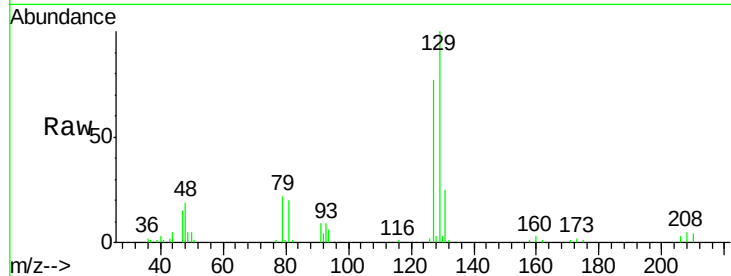
#55
Dibromochloromethane
Concen: 2.305 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.9	63.1	94.7

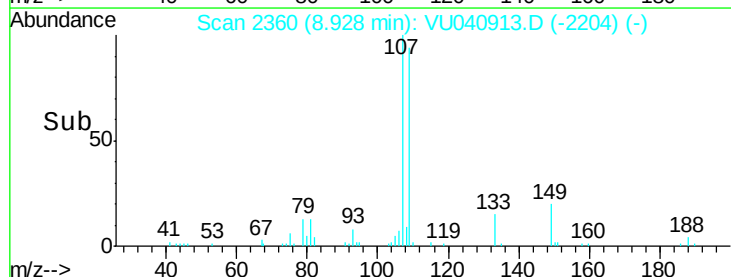
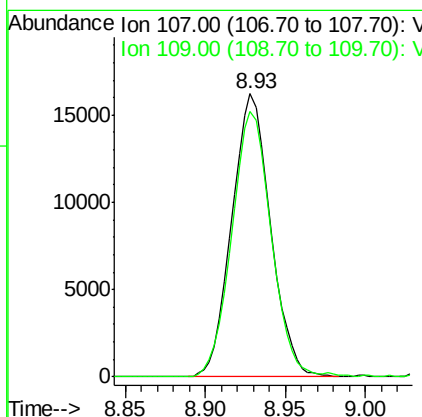
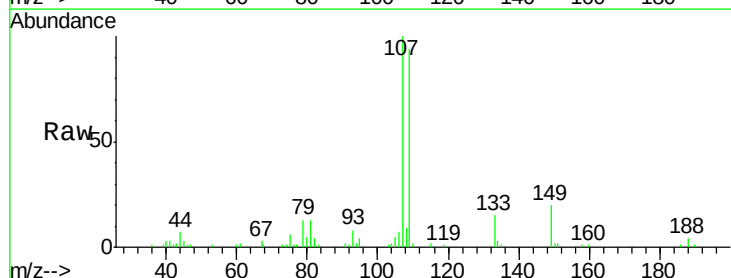
Manual Integrations
APPROVED

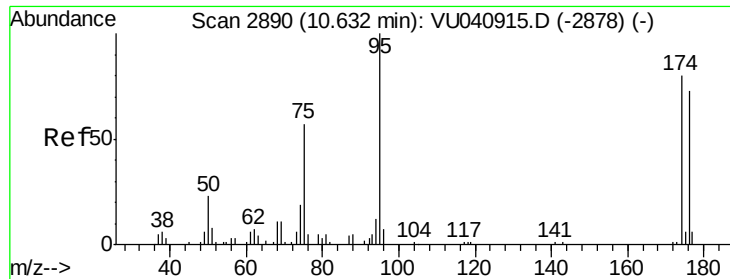
MMDadoda
10/26/2020 4:14:48 PM



#56
1,2-Dibromoethane
Concen: 2.230 ug/l
RT: 8.93 min Scan# 2360
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
107	100		
109	95.4	0.0	190.4





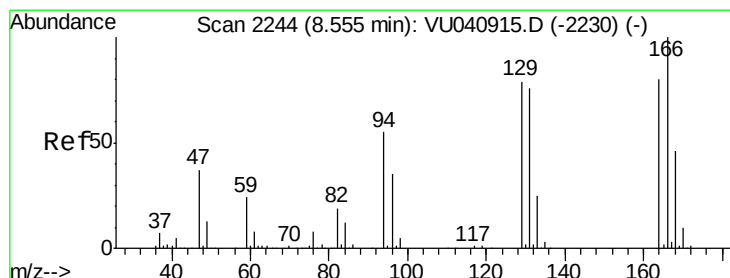
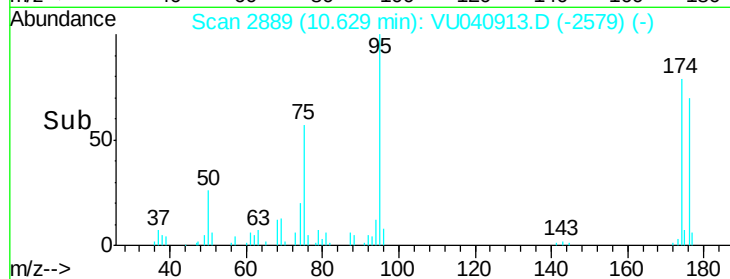
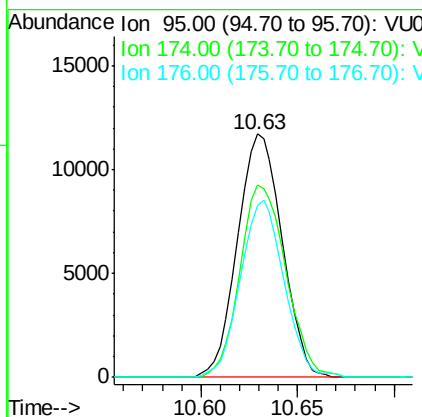
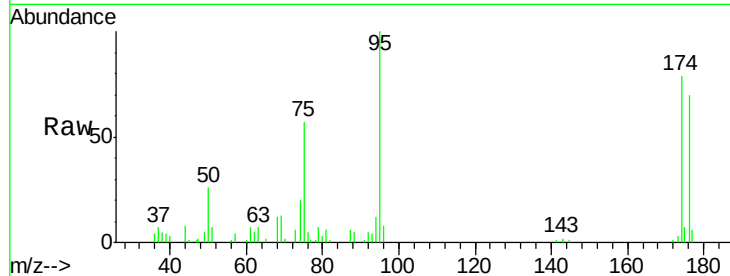
#57
4-Bromofluorobenzene
Concen: 0.857 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Resp	Lower	Upper
95	100	18839		
174	81.3	60.3	90.5	
176	71.2	55.6	83.4	

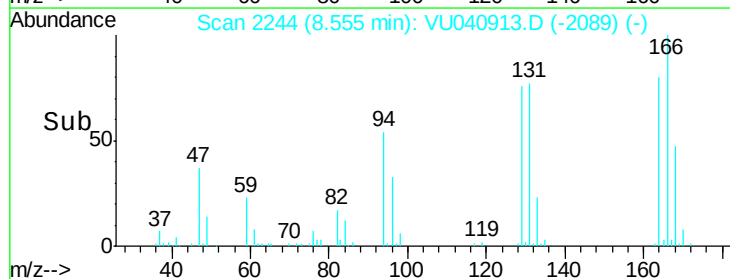
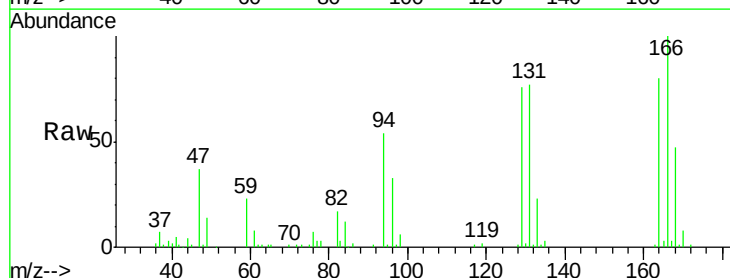
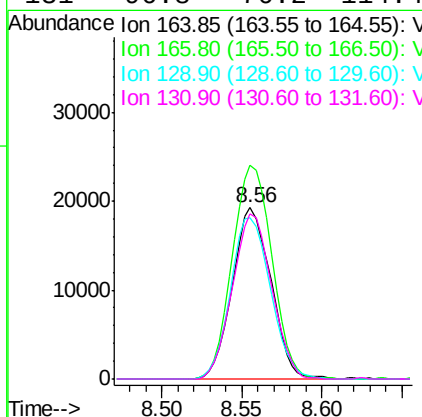
Manual Integrations
APPROVED

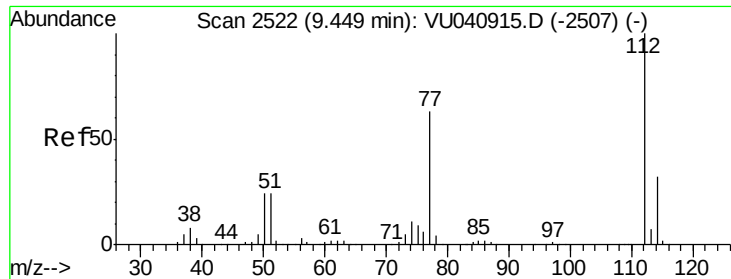
MMDadoda
10/26/2020 4:14:48 PM



#58
Tetrachloroethene
Concen: 2.164 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	31472		
166	125.0	100.3	150.5	
129	94.7	79.4	119.0	
131	96.8	76.2	114.4	





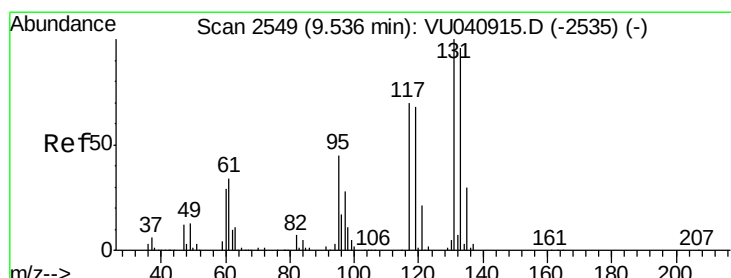
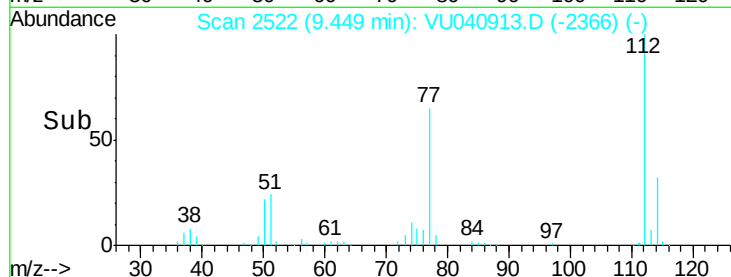
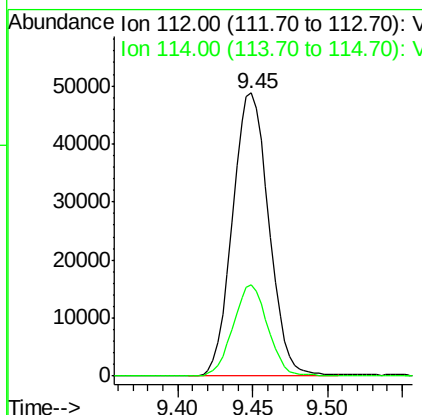
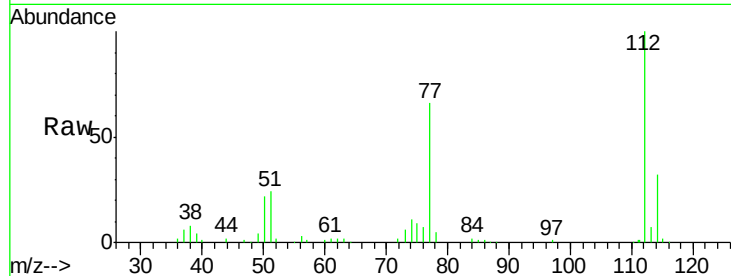
#59
Chlorobenzene
Concen: 2.086 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion:112 Resp: 82594
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.8

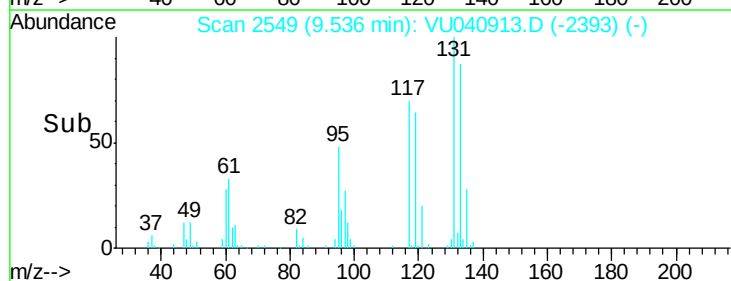
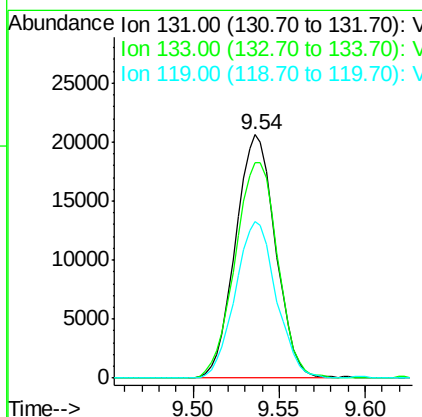
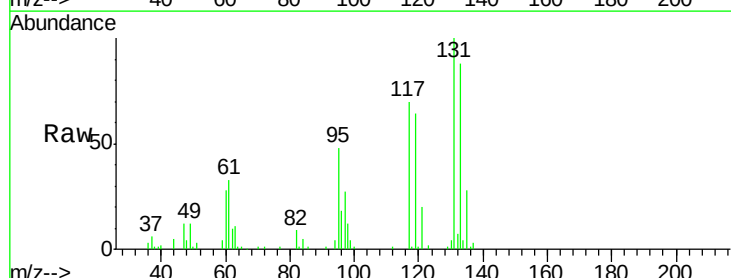
Manual Integrations
APPROVED

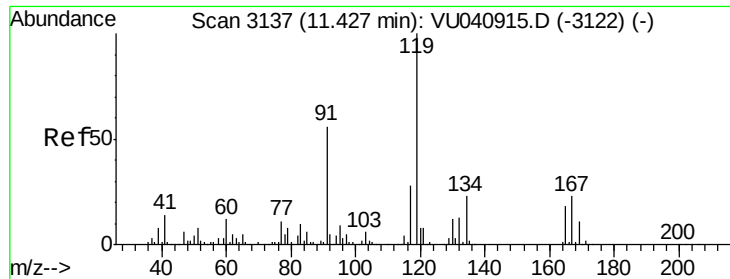
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 2.286 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion:131 Resp: 33287
Ion Ratio Lower Upper
131 100
133 94.3 77.4 116.0
119 65.7 53.5 80.3





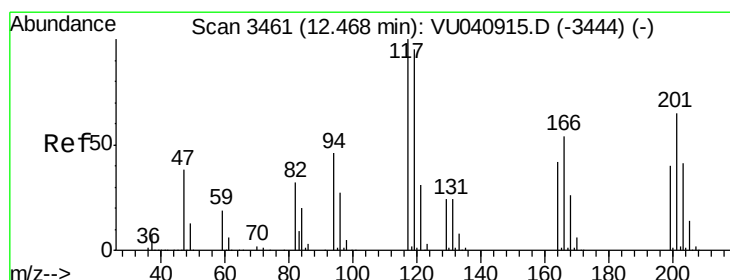
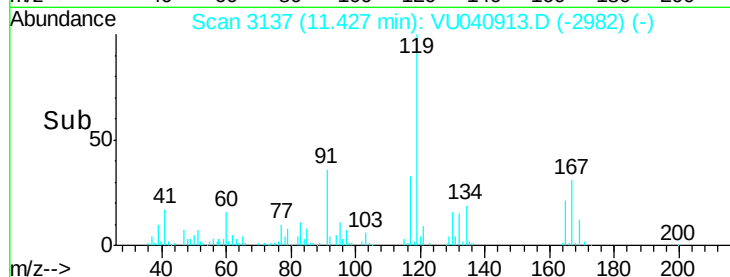
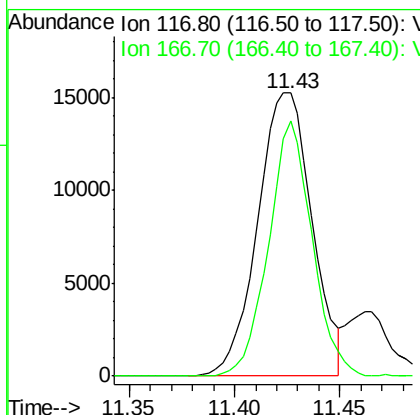
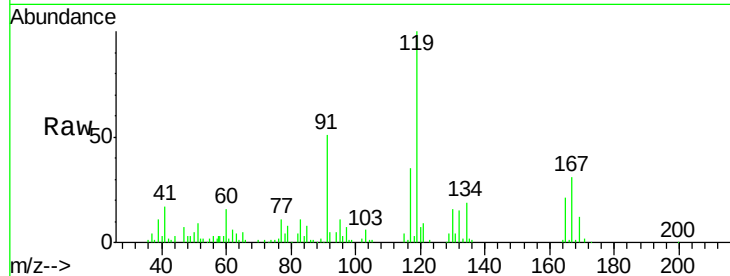
#61
 Pentachloroethane
 Concen: 2.662 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion:117 Resp: 27386
 Ion Ratio Lower Upper
 117 100
 167 71.9 59.4 89.2

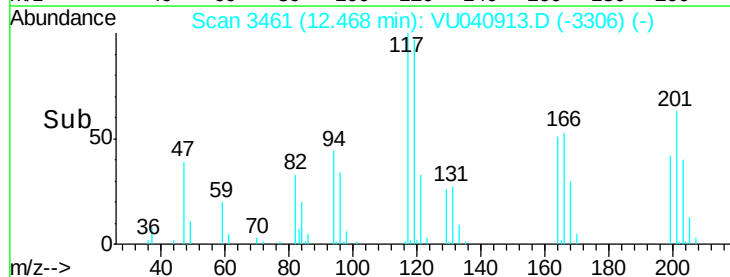
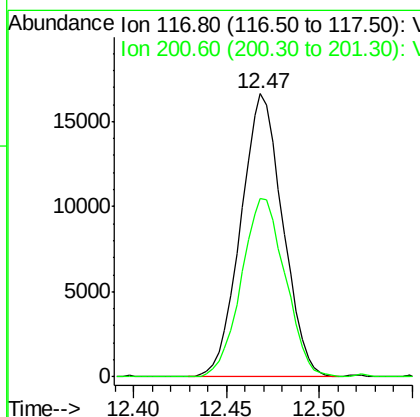
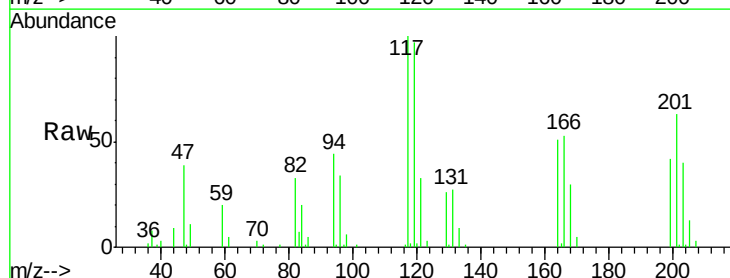
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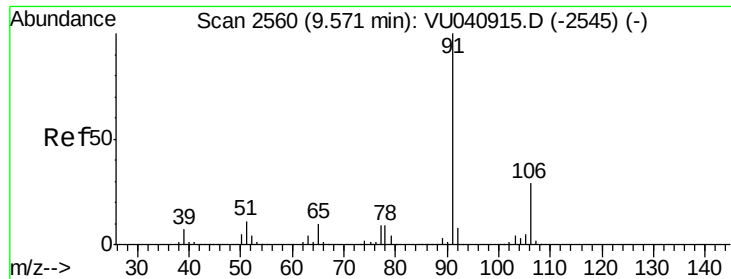
MMDadoda
 10/26/2020 4:14:48 PM



#62
 Hexachloroethane
 Concen: 2.071 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Tgt Ion:117 Resp: 26113
 Ion Ratio Lower Upper
 117 100
 201 66.0 52.6 78.8





#63

Ethyl Benzene

Concen: 1.863 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 91 Resp: 126106

Ion Ratio Lower Upper

91 100

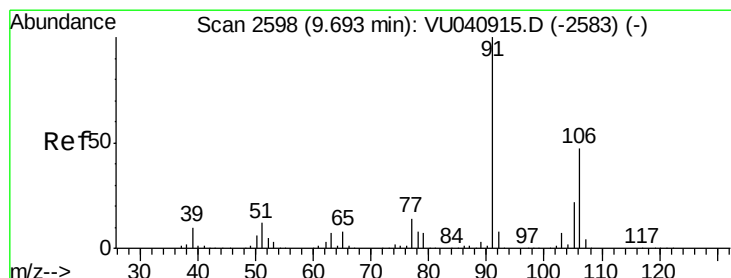
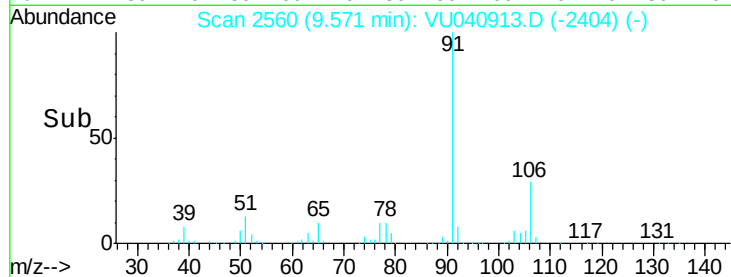
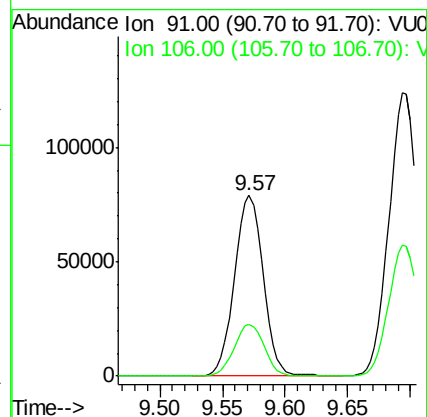
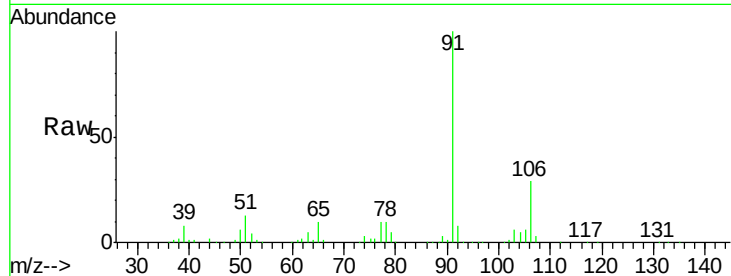
106 28.9 23.5 35.3

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#64

m/p-Xylenes

Concen: 3.829 ug/l

RT: 9.69 min Scan# 2598

Delta R.T. -0.00 min

Lab File: VU040913.D

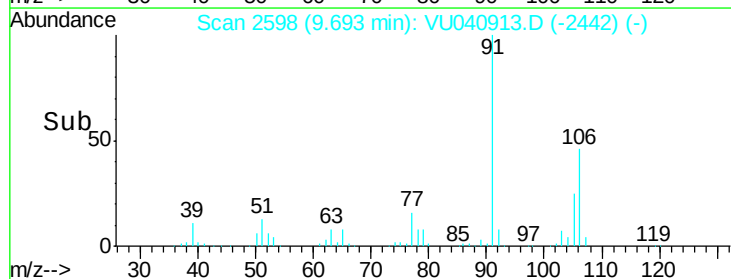
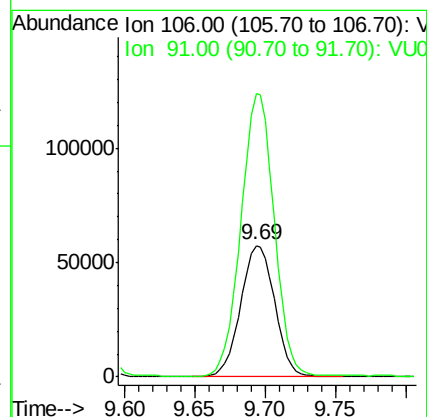
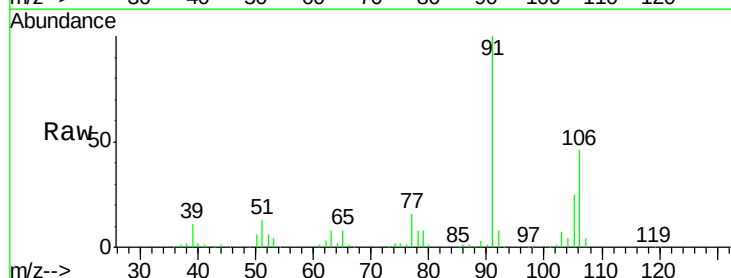
Acq: 22 Oct 2020 19:32

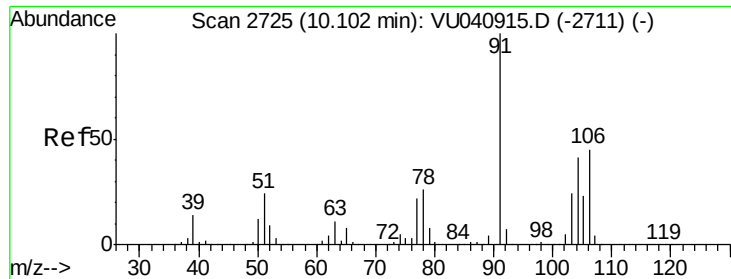
Tgt Ion: 106 Resp: 97479

Ion Ratio Lower Upper

106 100

91 209.9 168.3 252.5





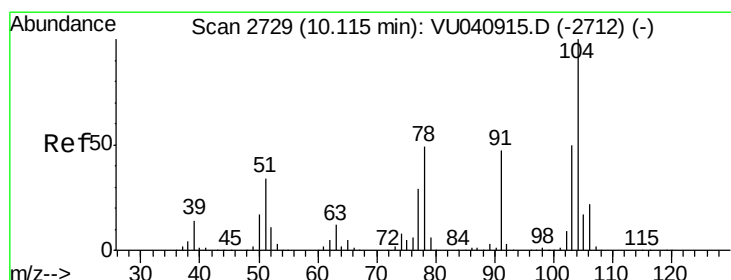
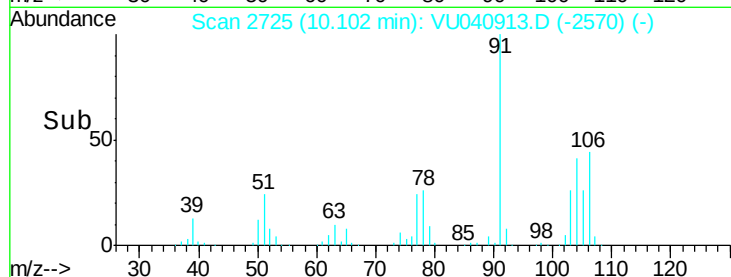
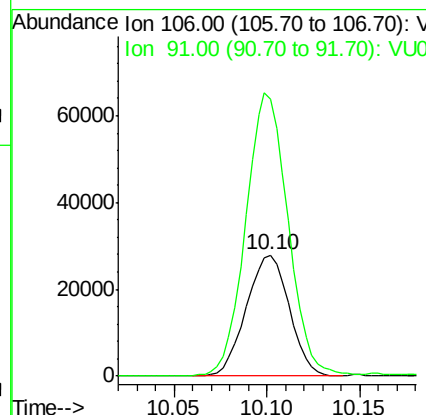
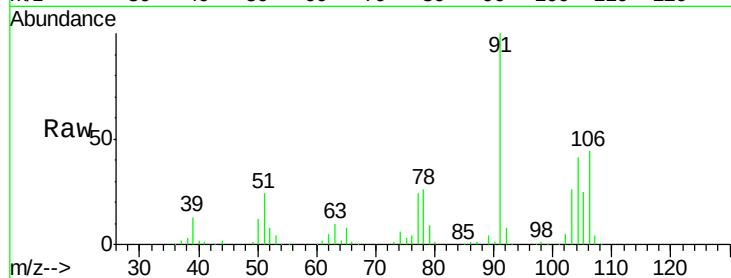
#65
o-Xylene
Concen: 1.860 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion:106 Resp: 45352
Ion Ratio Lower Upper
106 100
91 229.1 111.3 333.9

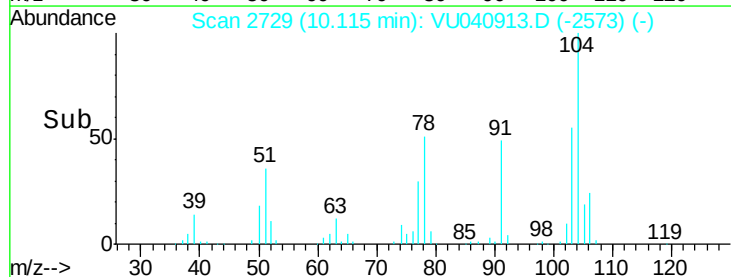
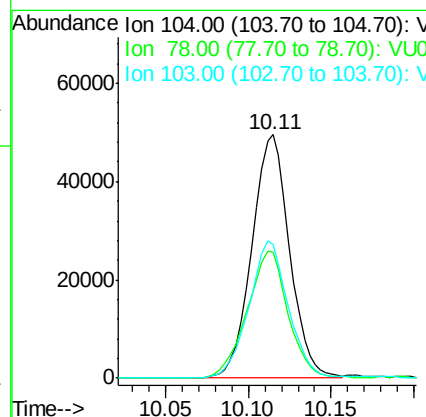
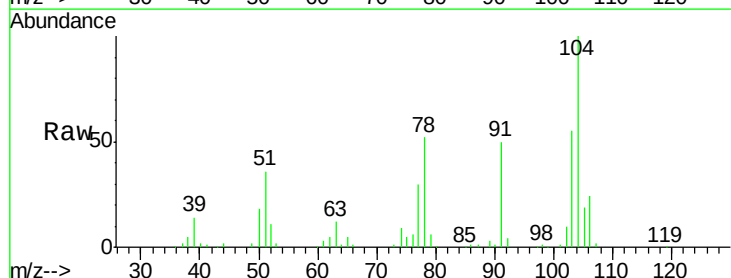
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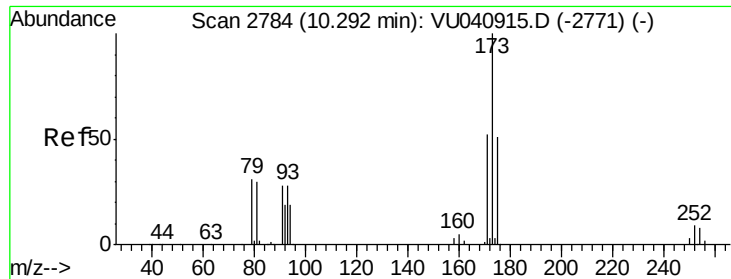
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#66
Styrene
Concen: 1.826 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion:104 Resp: 78286
Ion Ratio Lower Upper
104 100
78 56.7 43.4 65.0
103 58.8 43.1 64.7





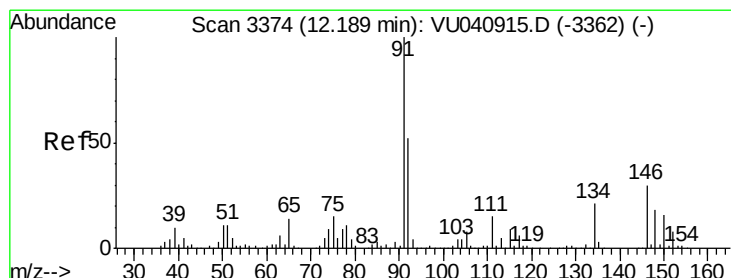
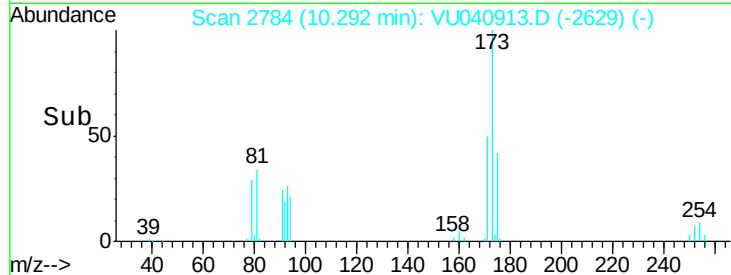
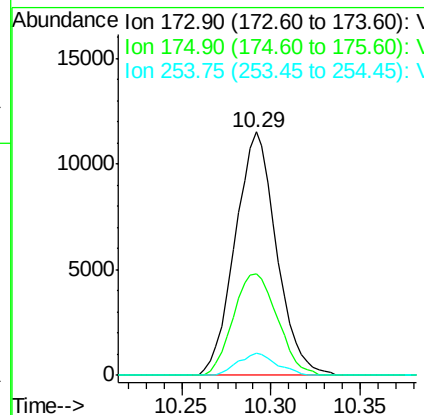
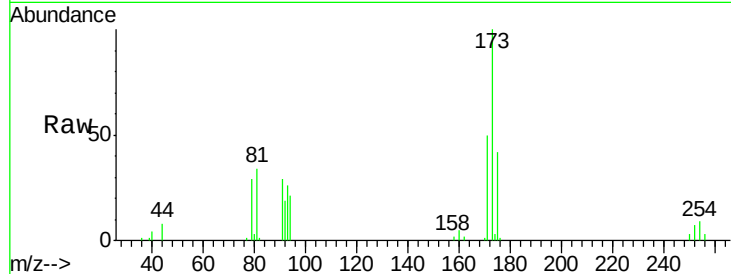
#67
Bromoform
Concen: 2.399 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
173	100		
175	44.4	39.0	58.4
254	8.4	6.6	9.8

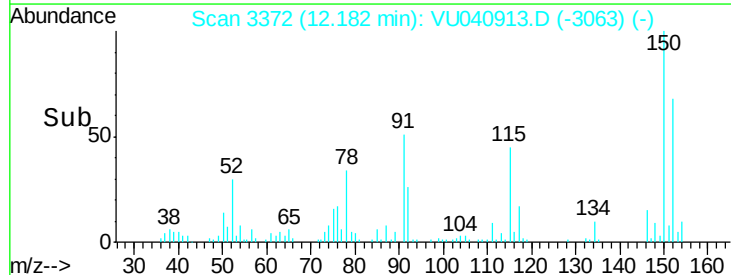
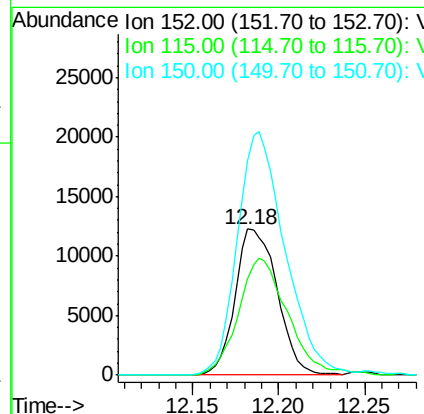
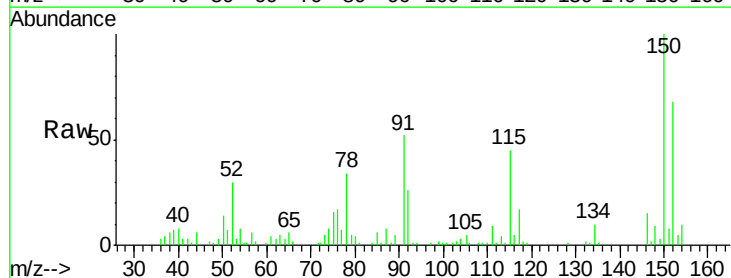
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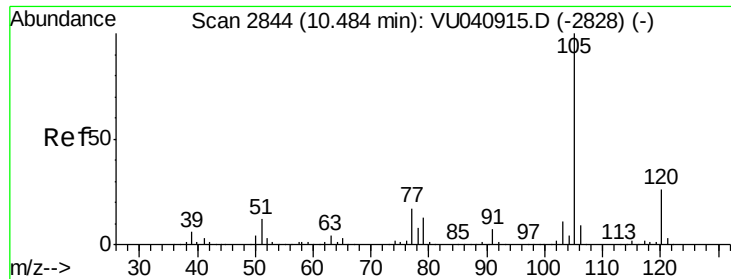
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#68
1,2-Dichlorobenzene-d4
Concen: 1.020 ug/l
RT: 12.18 min Scan# 3372
Delta R.T. -0.01 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
152	100		
115	93.3	0.0	323.4
150	188.2	0.0	653.8





#69

Isopropylbenzene

Concen: 1.807 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion:105 Resp: 120357

Ion Ratio Lower Upper

105 100

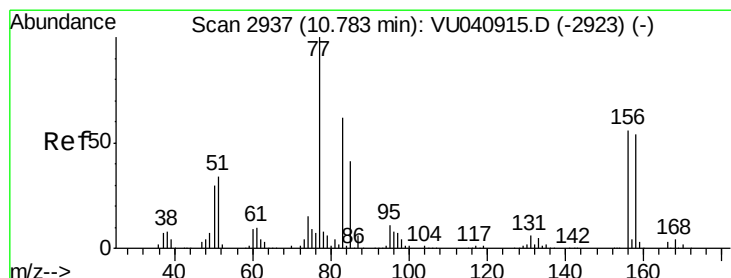
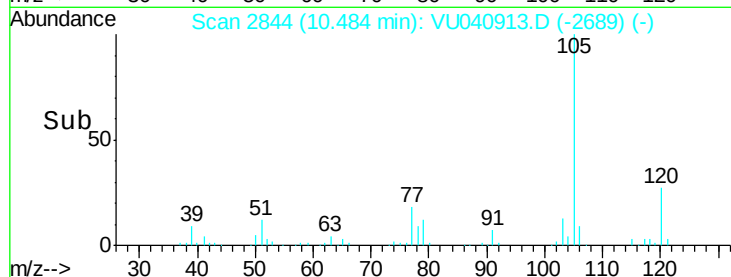
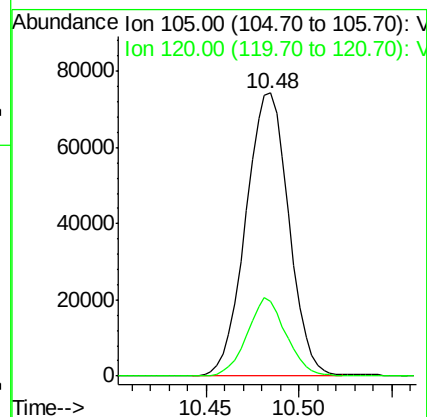
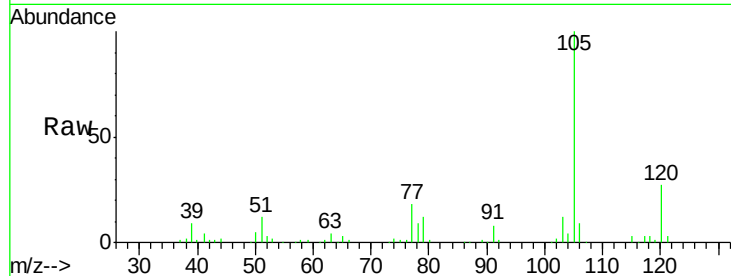
120 25.2 12.9 38.6

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#70

1,1,2,2-Tetrachloroethane

Concen: 2.269 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

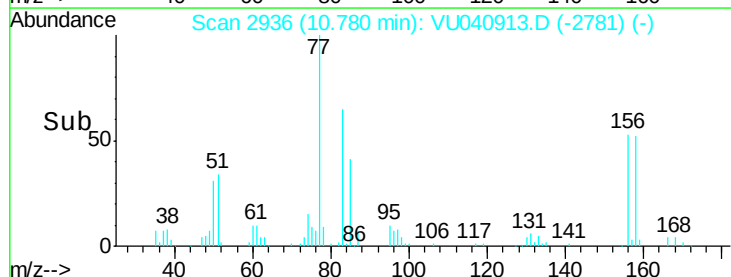
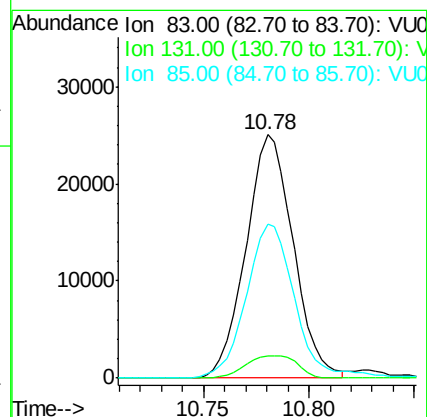
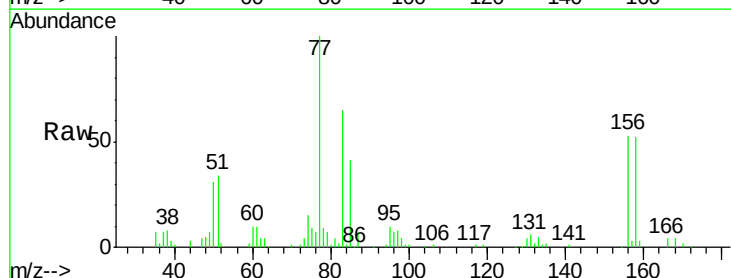
Tgt Ion: 83 Resp: 38984

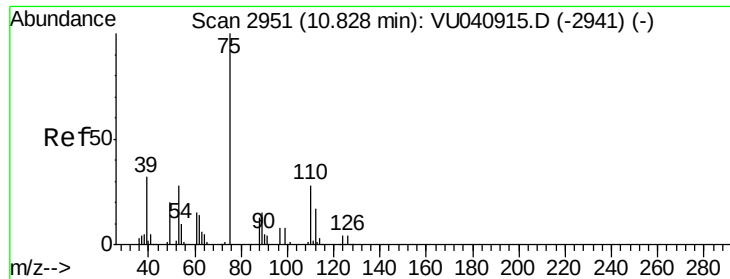
Ion Ratio Lower Upper

83 100

131 10.0 7.1 10.7

85 65.0 51.8 77.6





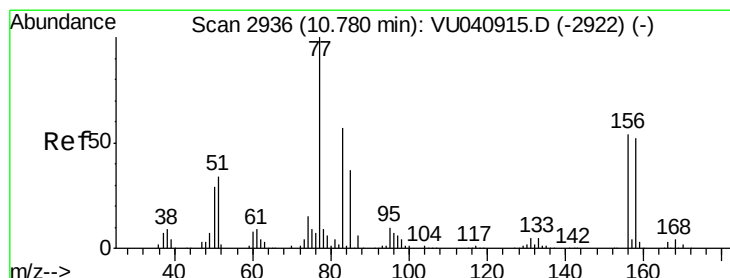
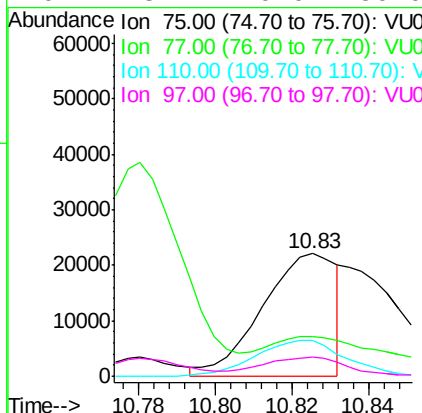
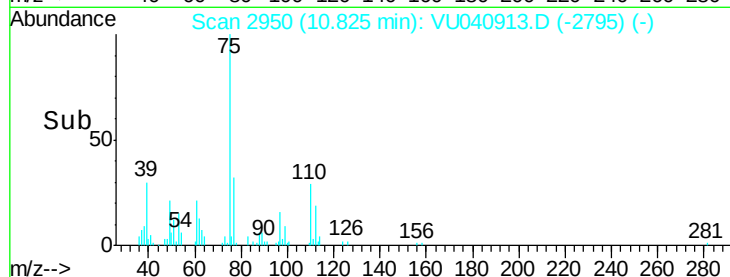
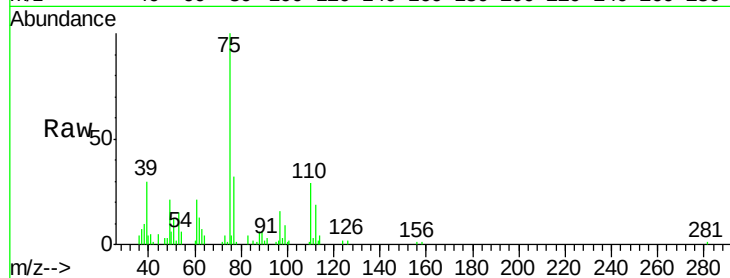
#71
 1,2,3-Trichloropropane
 Concen: 2.271 ug/l m
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ion	Ratio	Resp	Lower	Upper
75	100		29996		
77	51.3	0.0	110.8		
110	35.3	0.0	73.4		
97	18.4	0.0	36.0		

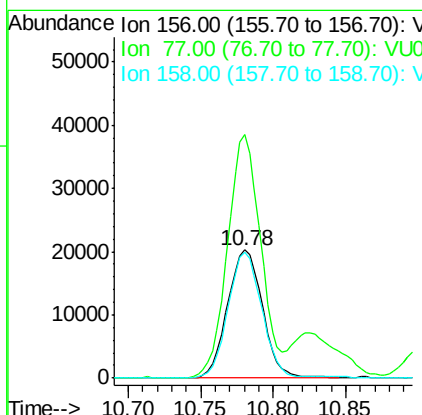
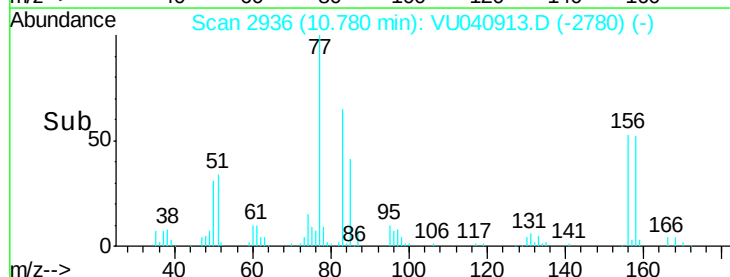
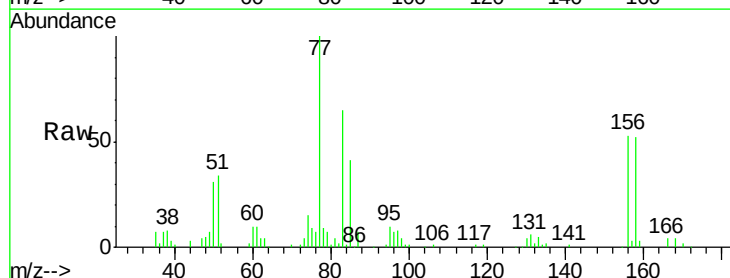
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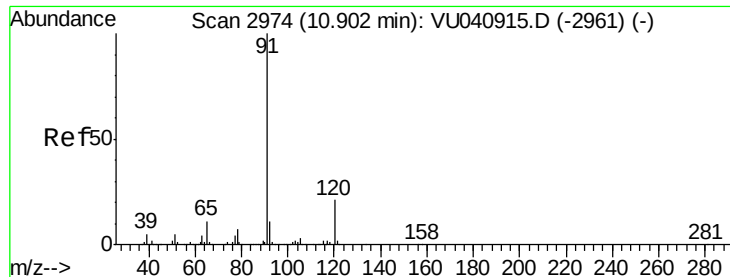
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#72
 Bromobenzene
 Concen: 2.154 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
156	100		34009		
77	179.9	0.0	370.2		
158	94.6	0.0	193.2		





#73

n-propylbenzene

Concen: 1.867 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion:120 Resp: 34563

Ion Ratio Lower Upper

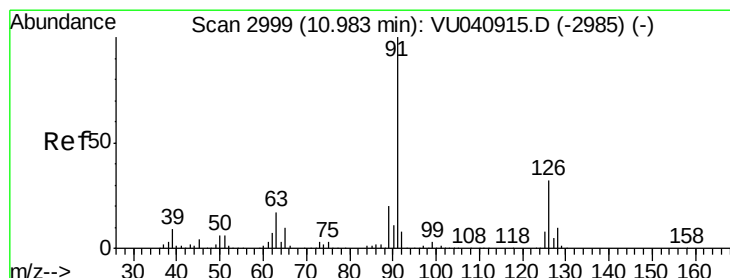
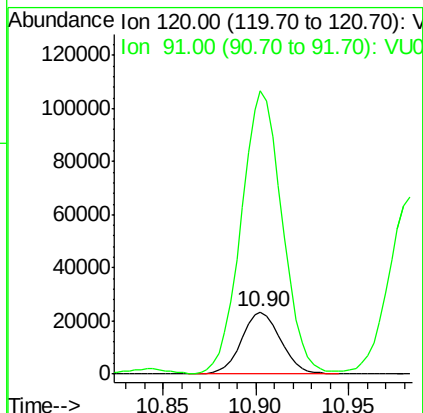
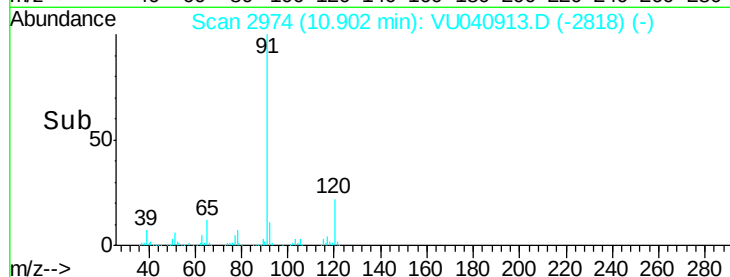
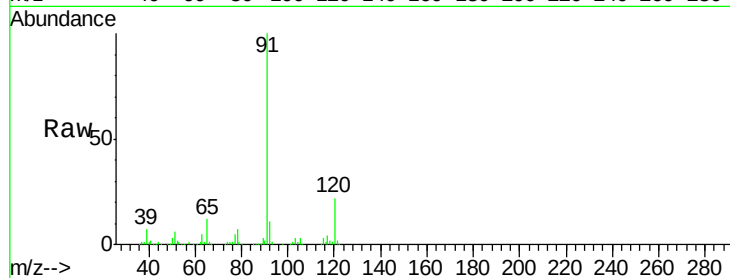
120 100

91 469.9 370.8 556.2

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#74

2-Chlorotoluene

Concen: 1.987 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. 0.00 min

Lab File: VU040913.D

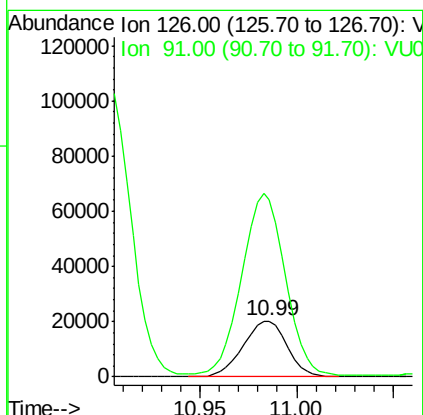
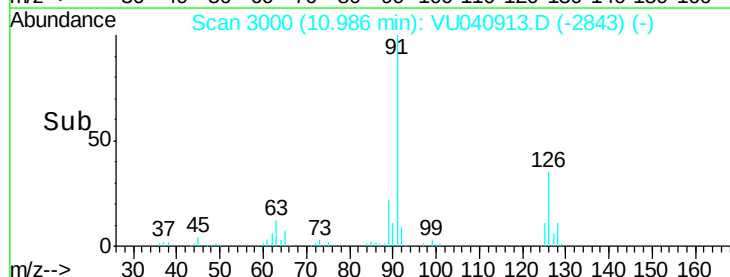
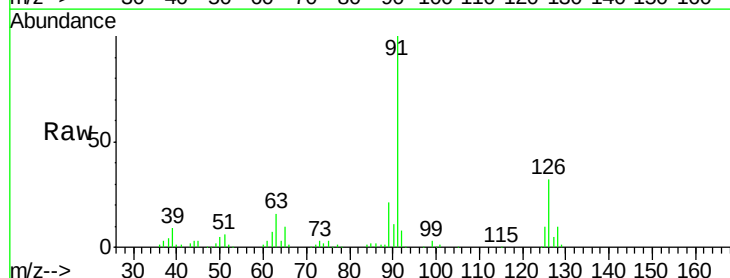
Acq: 22 Oct 2020 19:32

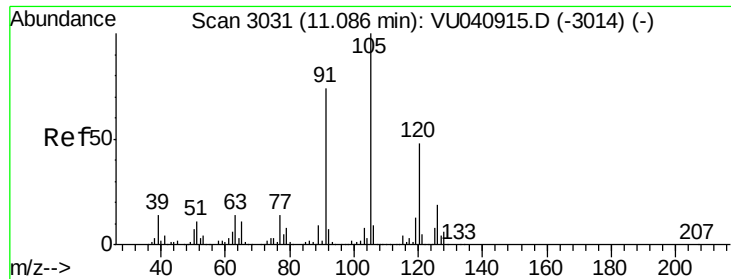
Tgt Ion:126 Resp: 32096

Ion Ratio Lower Upper

126 100

91 322.6 0.0 633.2





#75

1,3,5-Trimethylbenzene

Concen: 1.868 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion:105 Resp: 109158

Ion Ratio Lower Upper

105 100

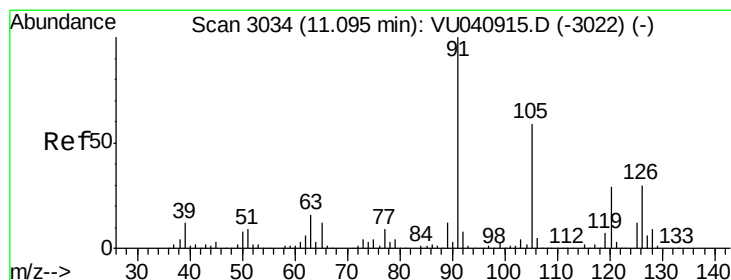
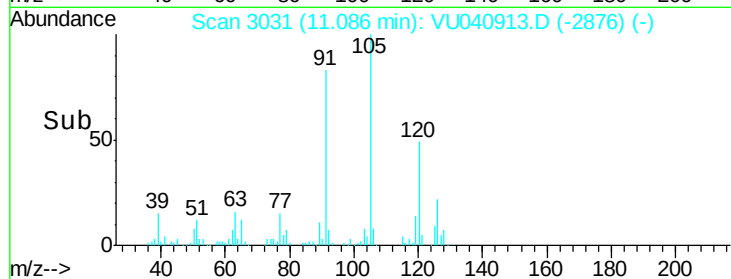
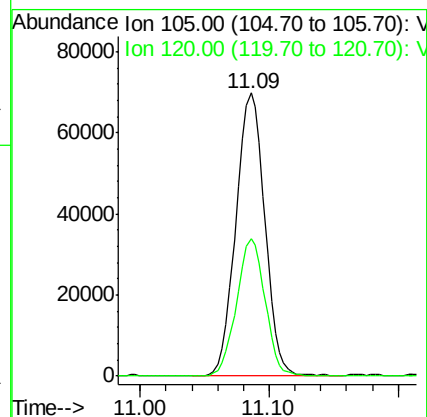
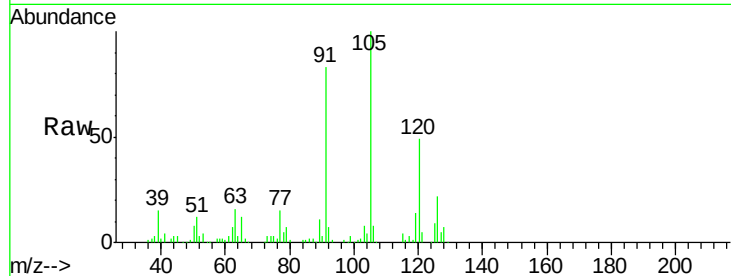
120 47.9 38.7 58.1

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#76

4-Chlorotoluene

Concen: 2.080 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040913.D

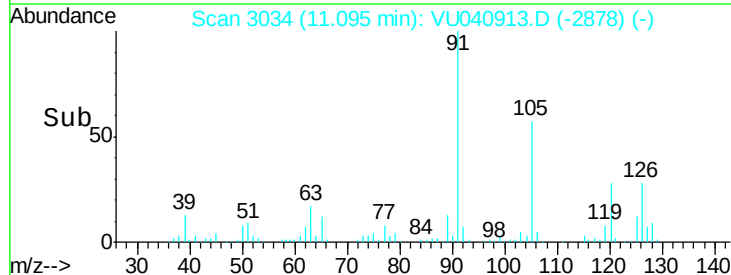
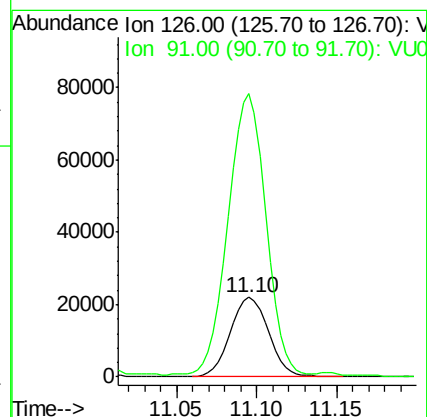
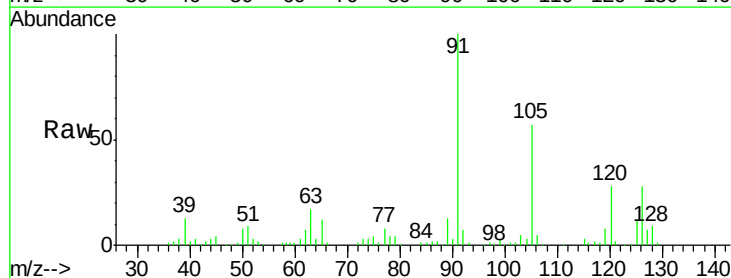
Acq: 22 Oct 2020 19:32

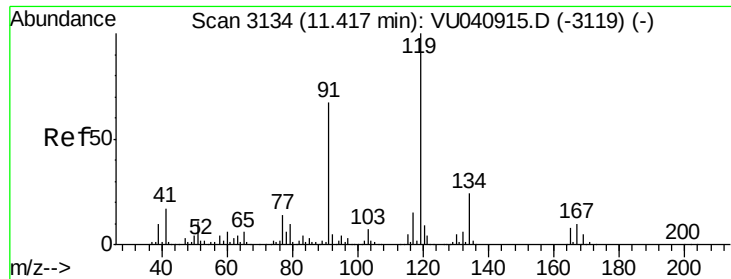
Tgt Ion:126 Resp: 36167

Ion Ratio Lower Upper

126 100

91 344.5 0.0 730.4





#77

tert-Butylbenzene

Concen: 1.914 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

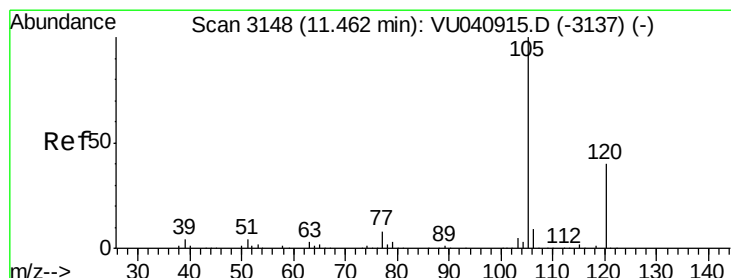
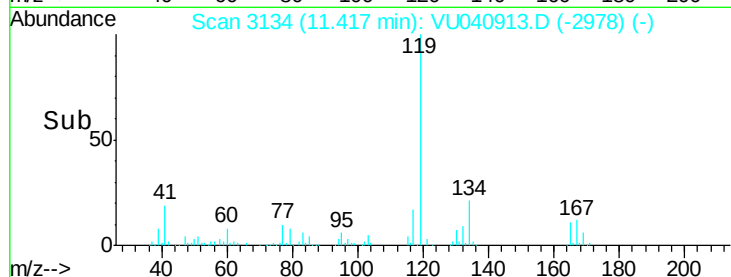
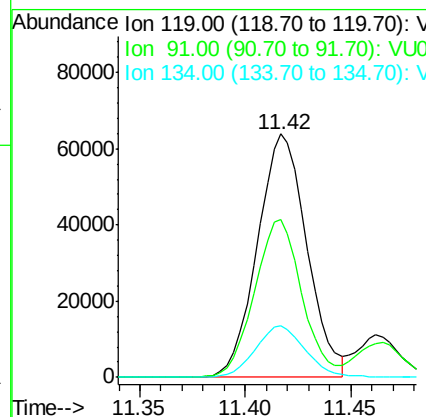
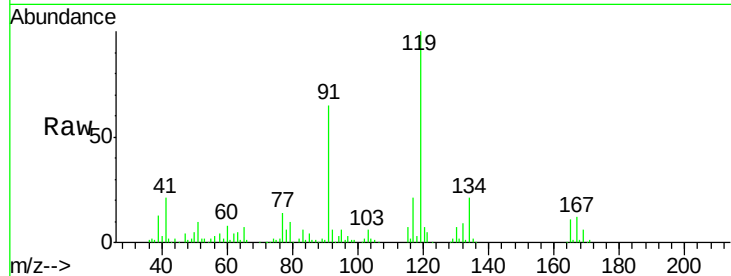
ClientSampleId :

VSTDIC002

Tot Ion:	119	Resp:	104143
Ion Ratio	Lower	Upper	
119	100		
91	61.8	32.0	96.2
134	21.4	18.4	27.6

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#78

1,2,4-Trimethylbenzene

Concen: 1.853 ug/l

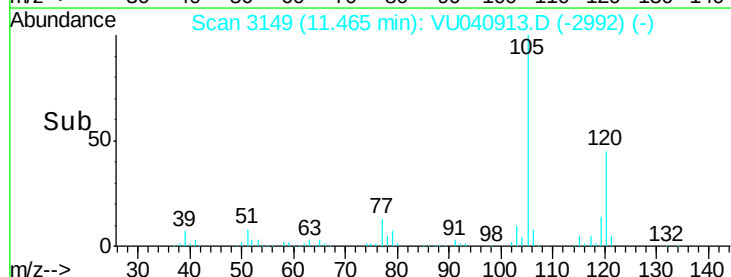
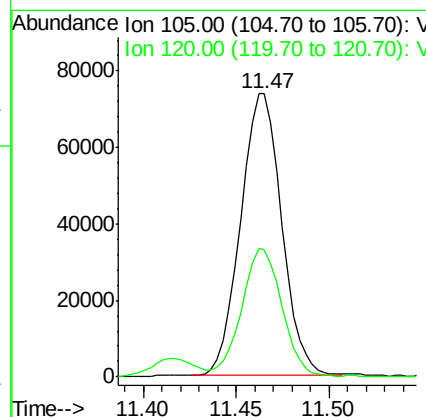
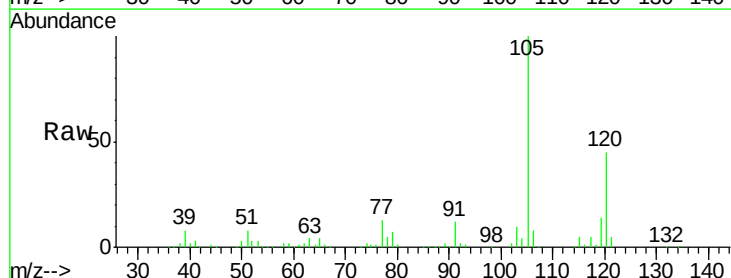
RT: 11.47 min Scan# 3149

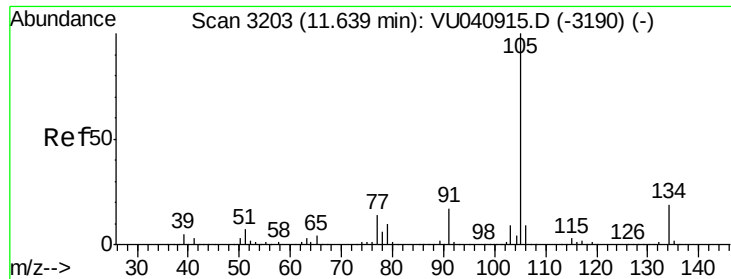
Delta R.T. 0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Tgt Ion:	105	Resp:	113845
Ion Ratio	Lower	Upper	
105	100		
120	44.0	22.6	67.8





#79

sec-Butylbenzene

Concen: 1.887 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC002

Tot Ion: 105 Resp: 147931

Ion Ratio Lower Upper

105 100

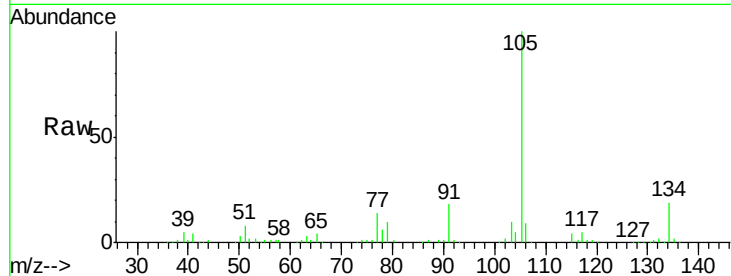
134 19.1 15.4 23.0

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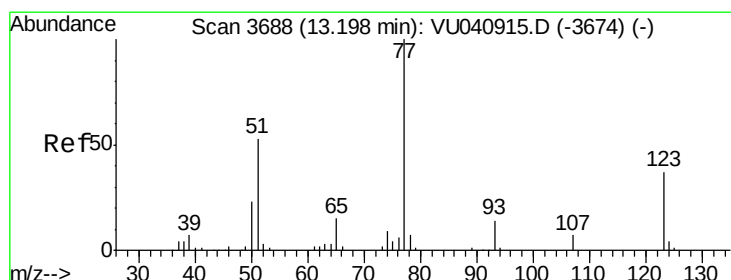
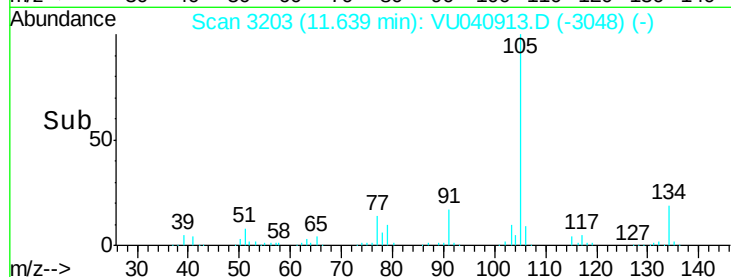
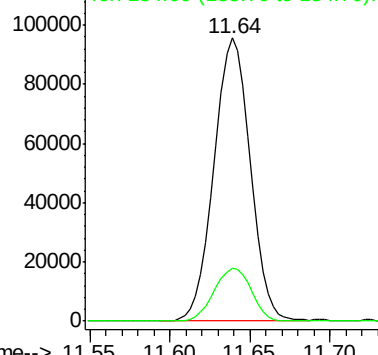
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 12.988 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

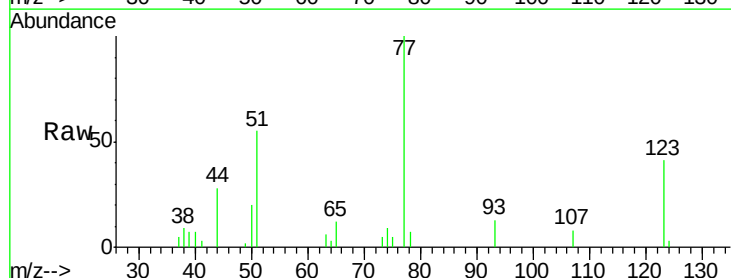
Tgt Ion: 77 Resp: 9248

Ion Ratio Lower Upper

77 100

123 37.7 16.8 59.4

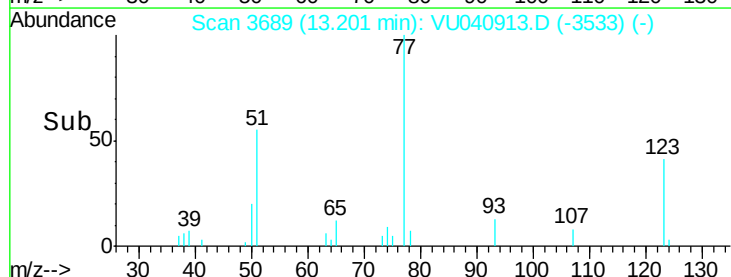
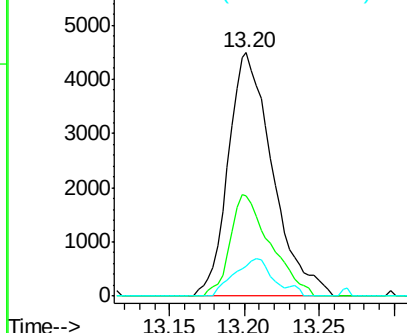
65 10.4 11.0 14.0#

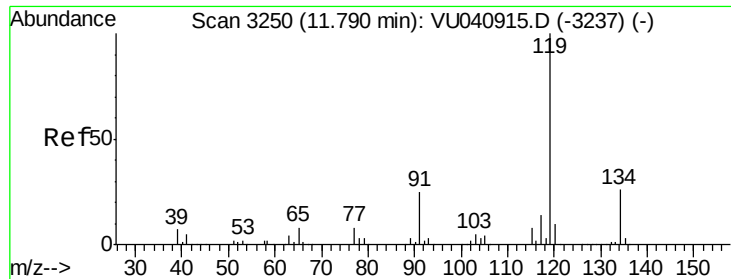


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0





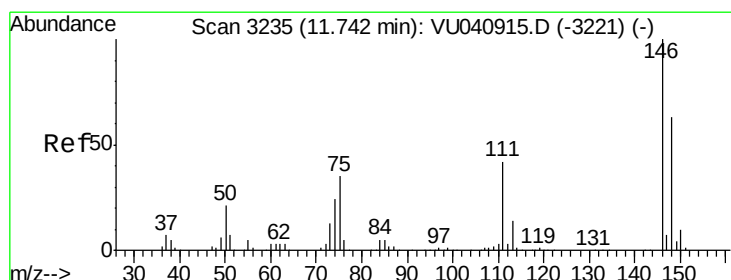
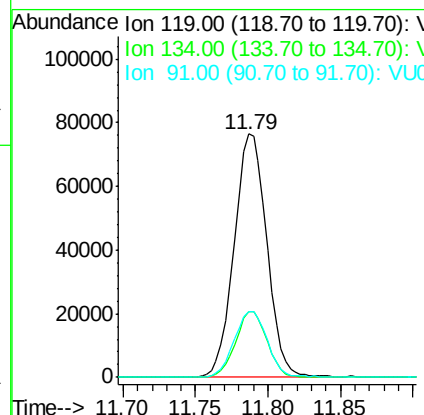
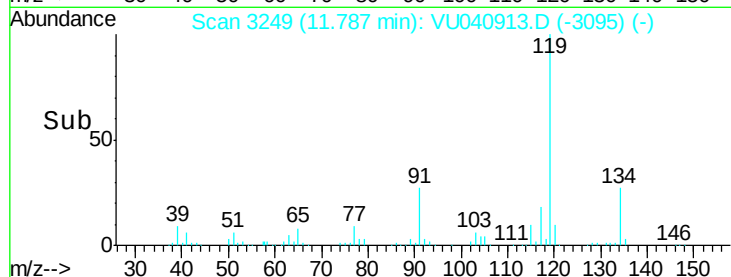
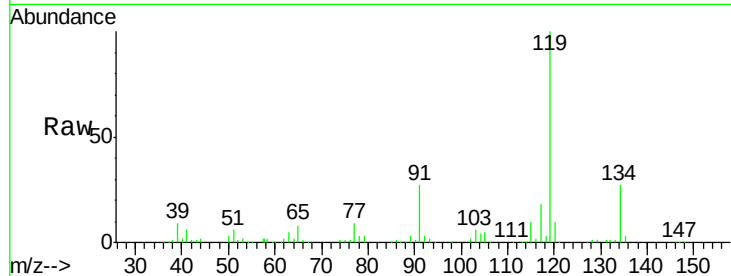
#81
 p-Isopropyltoluene
 Concen: 1.886 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	20.4	30.6
91	27.2	20.4	30.6

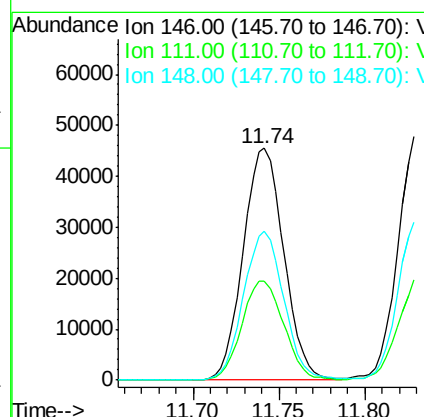
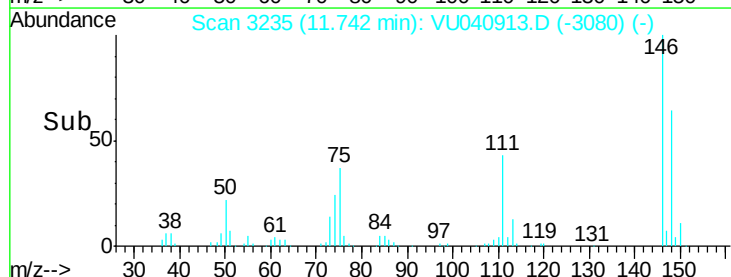
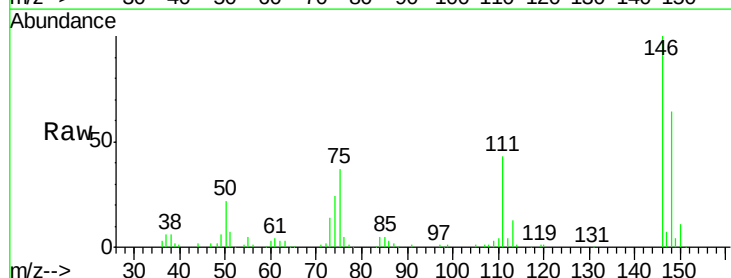
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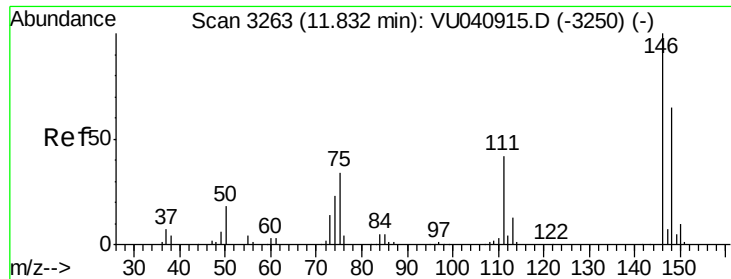
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#82
 1,3-Dichlorobenzene
 Concen: 2.162 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	33.6	50.4
148	63.7	50.1	75.1





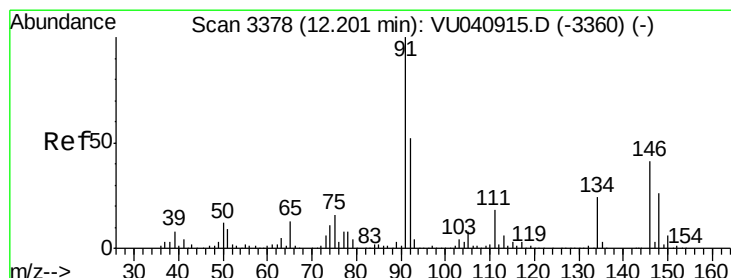
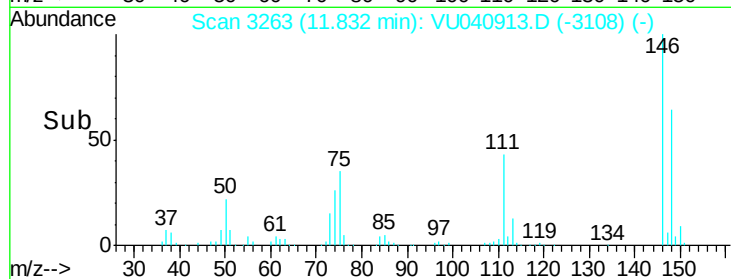
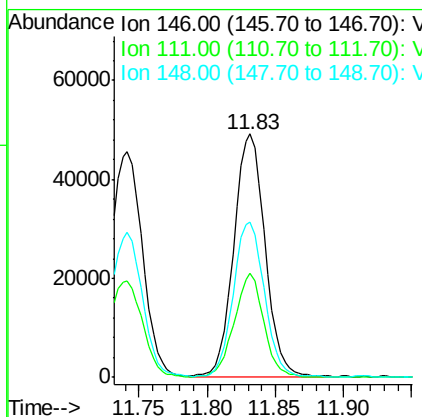
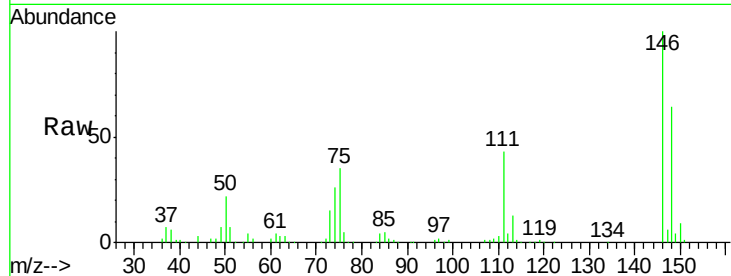
#83
 1,4-Dichlorobenzene
 Concen: 2.282 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	33.7	50.5
148	63.2	50.6	75.8

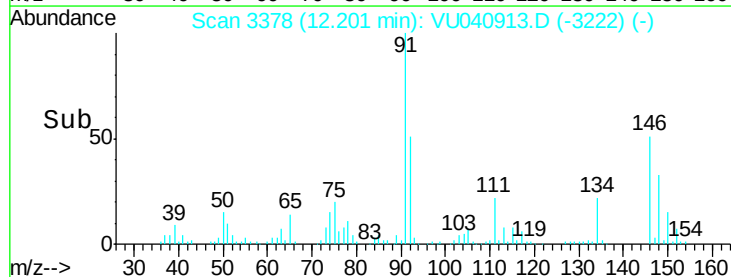
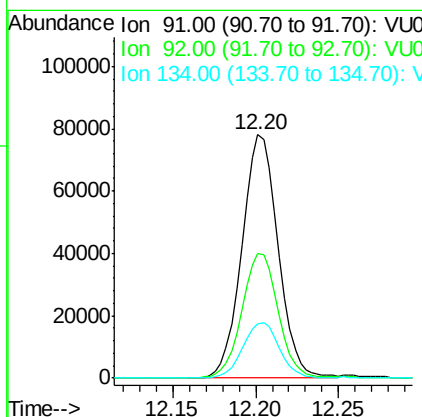
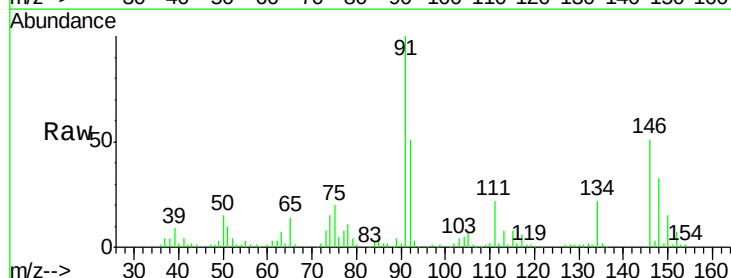
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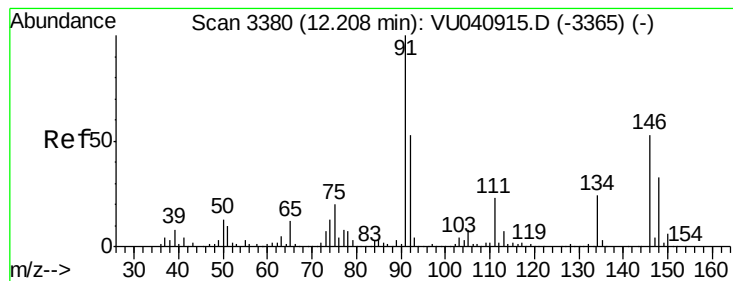
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#84
 n-Butylbenzene
 Concen: 1.846 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.4	41.7	62.5
134	23.0	18.6	28.0





#85

1,2-Dichlorobenzene

Concen: 2.151 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Instrument :

MSVOA_U

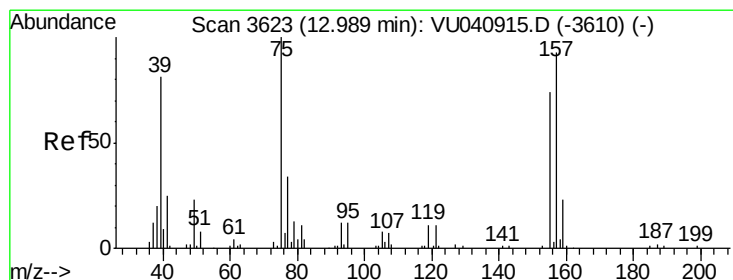
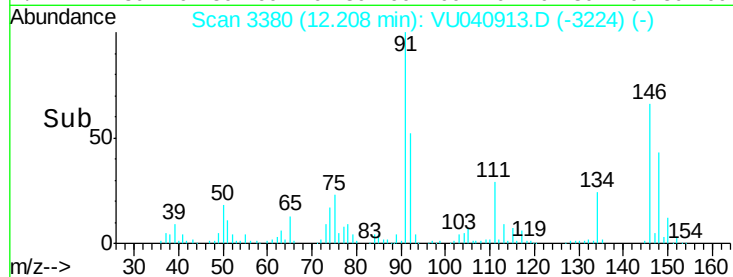
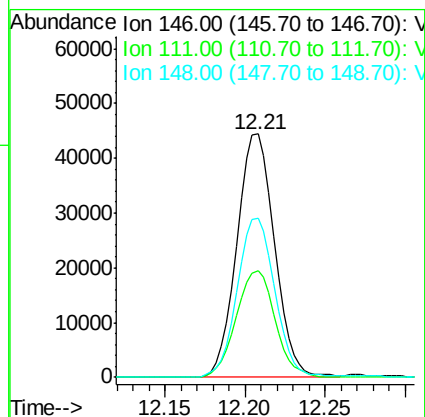
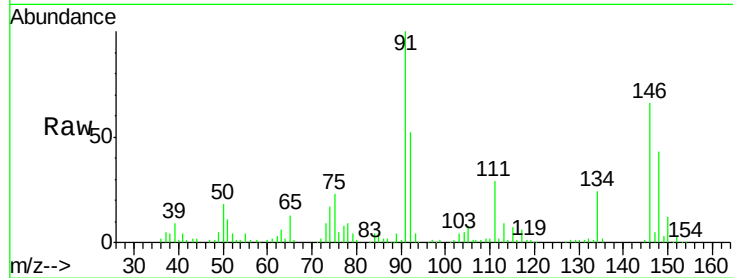
ClientSampleId :

VSTDIC002

Tot Ion:	146	Resp:	71328
Ion Ratio	Lower	Upper	
146	100		
111	45.4	22.3	66.9
148	65.4	31.5	94.5

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#86

1,2-Dibromo-3-Chloropropane

Concen: 2.207 ug/l

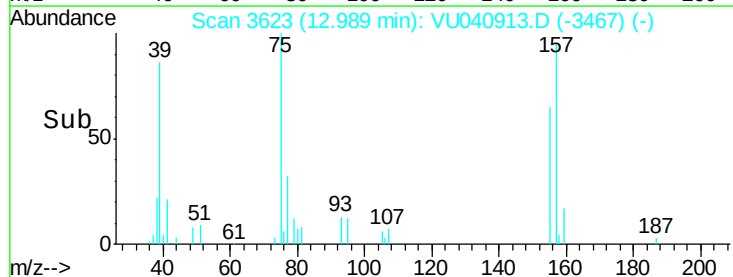
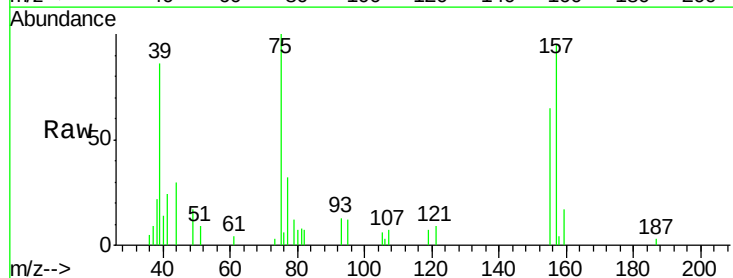
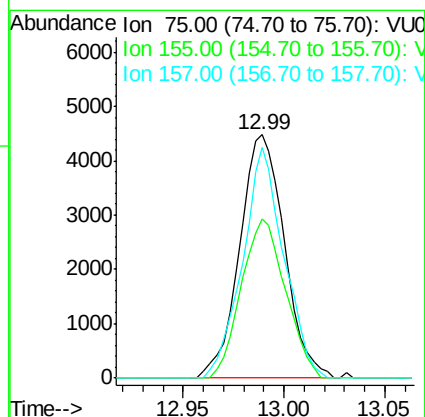
RT: 12.99 min Scan# 3623

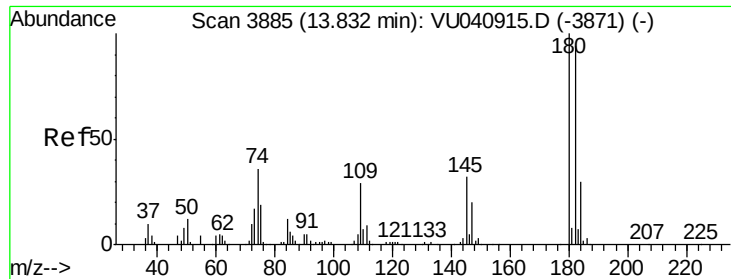
Delta R.T. -0.00 min

Lab File: VU040913.D

Acq: 22 Oct 2020 19:32

Tgt Ion:	75	Resp:	6955
Ion Ratio	Lower	Upper	
75	100		
155	64.6	57.1	85.7
157	87.3	72.4	108.6





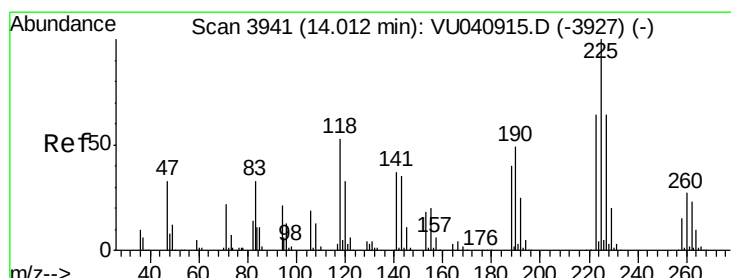
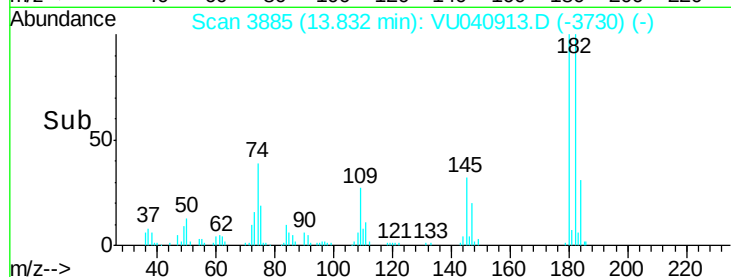
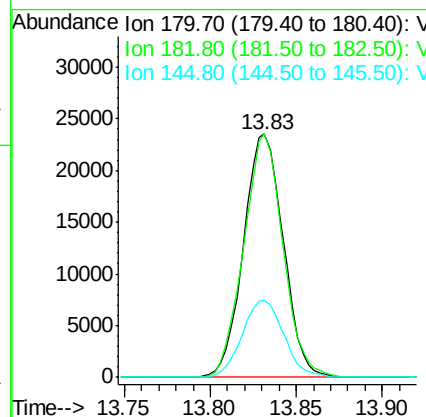
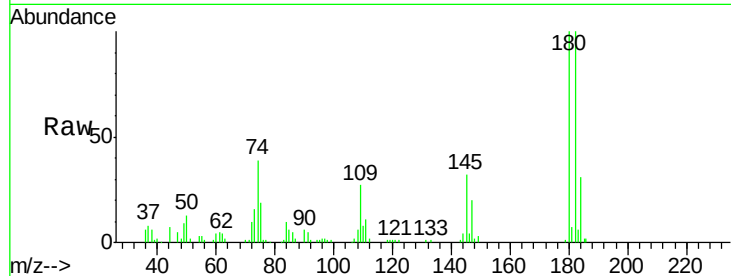
#87
 1,2,4-Trichlorobenzene
 Concen: 1.969 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC002

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.7	75.4	113.2
145	33.1	25.4	38.0

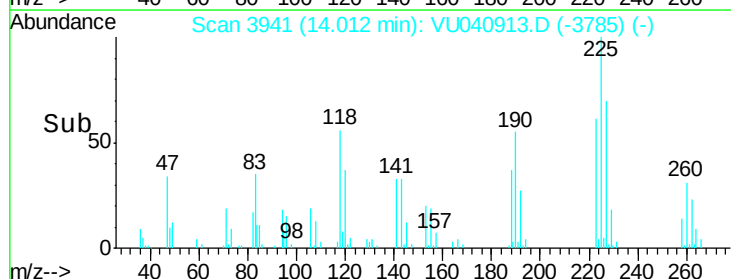
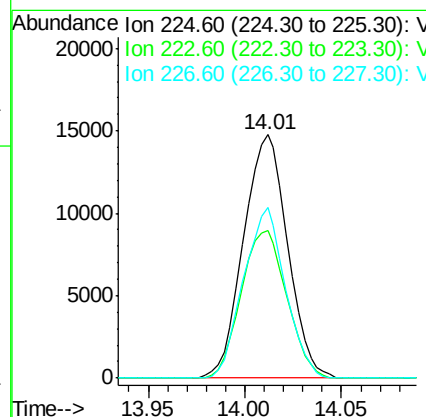
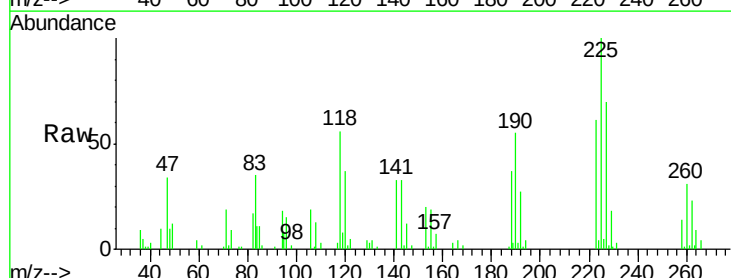
Manual Integrations
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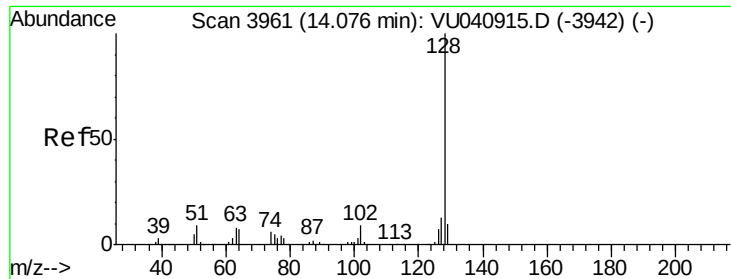
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#88
 Hexachlorobutadiene
 Concen: 2.334 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040913.D
 Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.9	74.9
227	66.5	51.1	76.7





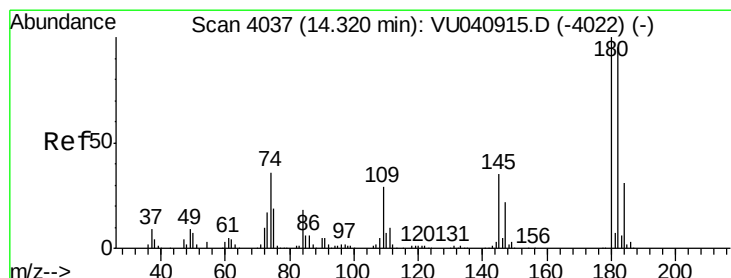
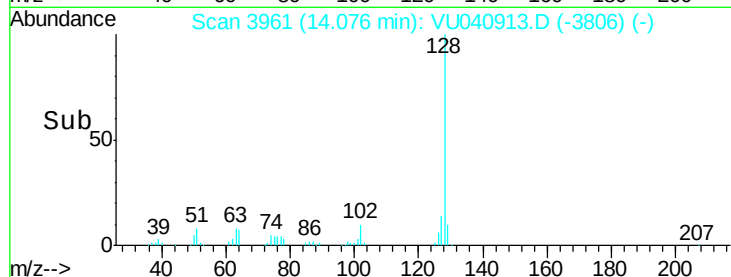
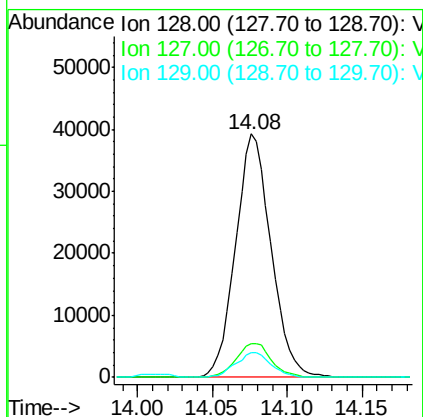
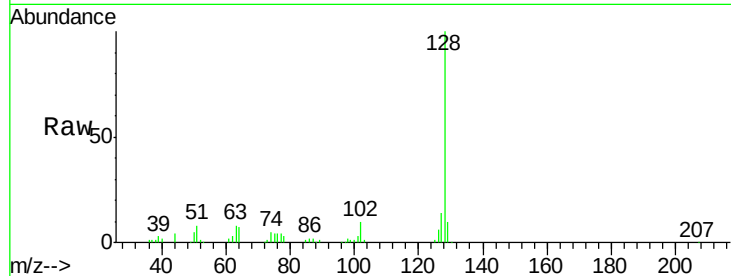
#89
Naphthalene
Concen: 1.731 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC002

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.7	16.1
129	10.1	8.6	13.0

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 2.073 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. -0.00 min
Lab File: VU040913.D
Acq: 22 Oct 2020 19:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.0	114.0
145	35.1	28.0	42.0

