

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090920\
 Data File : VU040064.D
 Acq On : 09 Sep 2020 13:57
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 4:47:27 PM

Quant Time: Sep 10 04:18:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 04:09:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	29361	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	12215	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	10460	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
Target Compounds						Ovalue
2) Dichlorodifluoromethane	1.39	85	58571	7.025	ug/l	97
3) Chloromethane	1.53	50	84539	9.586	ug/l	99
4) Vinyl Chloride	1.61	62	84695	9.767	ug/l	99
5) Bromomethane	1.86	94	55897	10.707	ug/l	99
6) Chloroethane	1.94	64	54103	9.461	ug/l	97
7) Trichlorofluoromethane	2.15	101	133355	10.245	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	69642	9.273	ug/l	99
9) 1,1-Dichloroethene	2.59	96	68029	10.713	ug/l	96
10) Iodomethane	2.74	142	79093	10.626	ug/l	97
11) Allyl Chloride	2.94	41	133067	10.609	ug/l	96
12) Acrylonitrile	3.34	53	109527	49.613	ug/l	98
13) Acetone	2.65	43	118063	58.347	ug/l	95
14) Carbon Disulfide	2.81	76	209484	11.879	ug/l	99
15) Methylene Chloride	3.06	84	85929	11.225	ug/l	96
16) trans-1,2-Dichloroethene	3.37	96	76698	11.124	ug/l	96
17) 1,1-Dichloroethane	3.89	63	150119	9.979	ug/l	98
18) 2-Butanone	4.74	43	159866	51.801	ug/l	99
19) Cyclohexane	5.40	56	131190m	10.499	ug/l	
20) Methylcyclohexane	6.77	83	134086	11.578	ug/l	99
21) 2,2-Dichloropropane	4.68	77	132943	9.307	ug/l	100
22) cis-1,2-Dichloroethene	4.69	96	87697	10.921	ug/l	99
23) Diethyl Ether	2.39	59	58152	9.665	ug/l	100
24) tert-Butyl Alcohol	3.24	59	39045	48.219	ug/l	98
25) Methyl tert-Butyl Ether	3.39	73	214786	10.142	ug/l	100
26) Bromochloromethane	4.99	128	33955	9.734	ug/l	99
27) Chloroform	5.11	83	154888	10.142	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	135321	10.189	ug/l	100
29) 1,1-Dichloropropene	5.54	75	121793	10.777	ug/l	98
30) Carbon Tetrachloride	5.54	117	124721	10.352	ug/l	99
31) Isopropyl Ether	4.02	45	273843	10.573	ug/l #	1
34) Propionitrile	4.82	54	86566	110.788	ug/l	99
35) Benzene	5.79	78	340287	10.874	ug/l	99
36) 1,2-Dichloroethane	5.81	62	128817	10.581	ug/l	100
37) Trichloroethene	6.55	130	84722	10.648	ug/l	100
38) 1,2-Dichloropropane	6.81	63	94122	10.388	ug/l	100
39) Methacrylonitrile	5.00	41	38759	9.272	ug/l	99
40) Methyl acrylate	4.87	55	54034	10.079	ug/l #	91
41) Tetrahydrofuran	5.09	42	98405	48.994	ug/l	96
42) 1-Chlorobutane	5.47	56	178262	10.675	ug/l	99
43) Dibromomethane	6.93	93	53467	10.211	ug/l	96
44) Bromodichloromethane	7.12	83	131768	10.483	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090920\
 Data File : VU040064.D
 Acq On : 09 Sep 2020 13:57
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

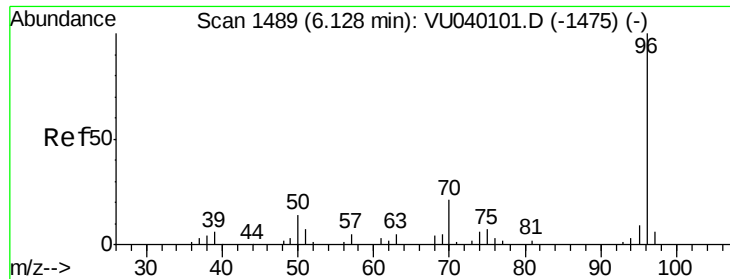
Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 4:47:27 PM

Quant Time: Sep 10 04:18:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 04:09:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.81	43	386417	54.171	ug/l	100
46) t-1,4-Dichloro-2-butene	10.83	75	34629m	12.689	ug/l	
47) Methyl methacrylate	6.98	69	48412	10.786	ug/l	98
48) Ethyl methacrylate	8.34	69	93214	11.429	ug/l	97
49) Toluene	7.98	92	212504	11.235	ug/l	99
50) t-1,3-Dichloropropene	8.22	75	126950	11.197	ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	136415	10.808	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	70870	10.565	ug/l	97
53) 1,3-Dichloropropane	8.58	76	126991	10.545	ug/l	99
54) 2-Hexanone	8.69	43	285640	55.235	ug/l	100
55) Dibromochloromethane	8.82	129	82978	10.601	ug/l	99
56) 1,2-Dibromoethane	8.93	107	69884	11.155	ug/l	95
58) Tetrachloroethene	8.56	164	85386	11.057	ug/l	99
59) Chlorobenzene	9.45	112	220803	10.527	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	83727	10.900	ug/l	99
61) Pentachloroethane	11.42	117	53087	10.136	ug/l	97
62) Hexachloroethane	12.47	117	70836	10.642	ug/l	100
63) Ethyl Benzene	9.57	91	422900	11.816	ug/l	100
64) m/p-Xylenes	9.69	106	319224	23.872	ug/l	99
65) o-Xylene	10.10	106	148353	11.492	ug/l	98
66) Styrene	10.11	104	263146	11.606	ug/l	99
67) Bromoform	10.29	173	44513	11.043	ug/l	97
69) Isopropylbenzene	10.48	105	415444	11.693	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	90390	10.079	ug/l	95
71) 1,2,3-Trichloropropane	10.83	75	66461m	9.544	ug/l	
72) Bromobenzene	10.78	156	90318	10.897	ug/l	97
73) n-propylbenzene	10.91	120	109885	11.249	ug/l	98
74) 2-Chlorotoluene	10.98	126	93003	10.897	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	373868	12.015	ug/l	99
76) 4-Chlorotoluene	11.10	126	101046	10.979	ug/l	97
77) tert-Butylbenzene	11.42	119	324395	11.208	ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	376222	11.528	ug/l	100
79) sec-Butylbenzene	11.64	105	436650	10.415	ug/l	100
80) Nitrobenzene	13.20	77	4217	11.724	ug/l #	96
81) p-Isopropyltoluene	11.79	119	398173	11.927	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	192009	10.519	ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	189943	10.471	ug/l	99
84) n-Butylbenzene	12.20	91	409791	11.944	ug/l	99
85) 1,2-Dichlorobenzene	12.20	146	179946	10.252	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	19199	11.502	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	118227	11.670	ug/l	97
88) Hexachlorobutadiene	14.01	225	57672	11.005	ug/l	100
89) Naphthalene	14.08	128	255736	10.337	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	110579	11.719	ug/l	99

(#) = 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: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampled :

ICVVU090920

Tot Ion: 96 Resp: 29361

Ion Ratio Lower Upper

96 100

70 20.8 17.1 25.7

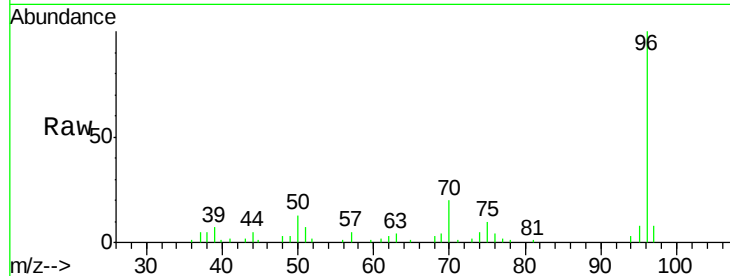
95 8.8 7.6 11.4

97 0.0 0.0 0.0

Manual Integrations
APPROVED

MMDadoda

9/17/2020 4:47:27 PM

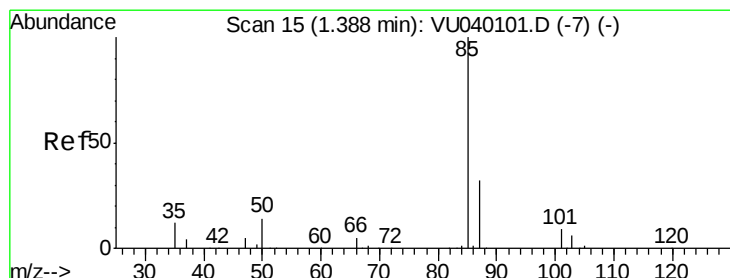
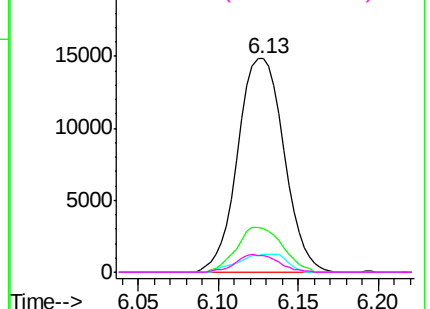
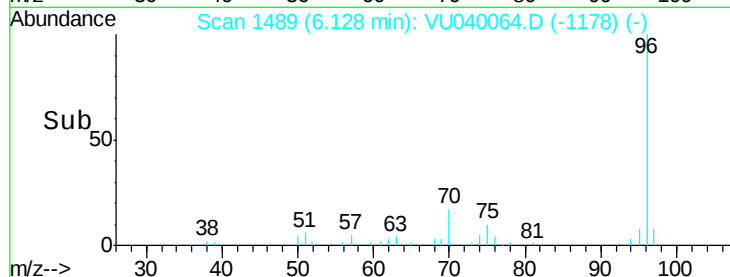


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 70.00 (69.70 to 70.70): VU0

Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#2

Dichlorodifluoromethane

Concen: 7.025 ug/l

RT: 1.39 min Scan# 15

Delta R.T. -0.00 min

Lab File: VU040064.D

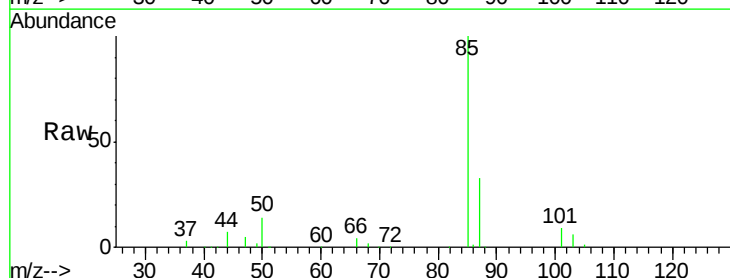
Acq: 09 Sep 2020 13:57

Tgt Ion: 85 Resp: 58571

Ion Ratio Lower Upper

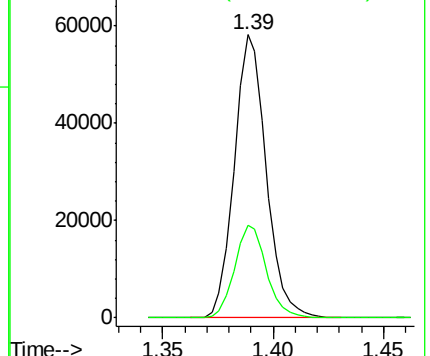
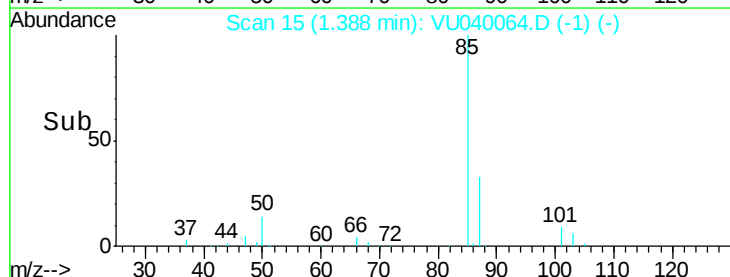
85 100

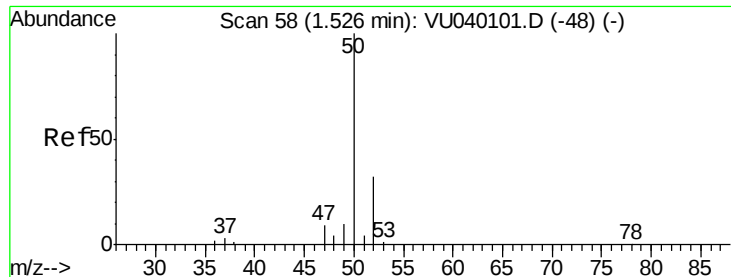
87 32.9 15.6 46.8



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0





#3

Chloromethane

Concen: 9.586 ug/l

RT: 1.53 min Scan# 58

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

Tot Ion: 50 Resp: 84539

Ion Ratio Lower Upper

50 100

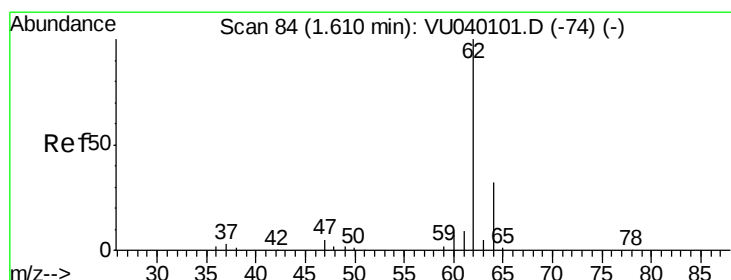
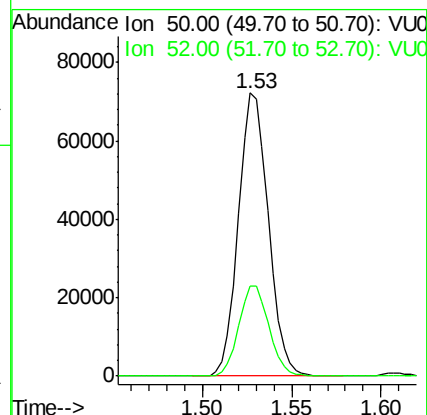
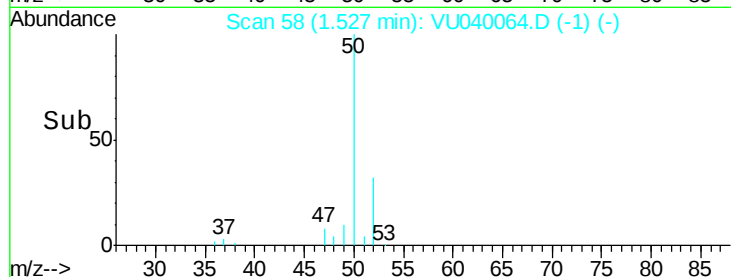
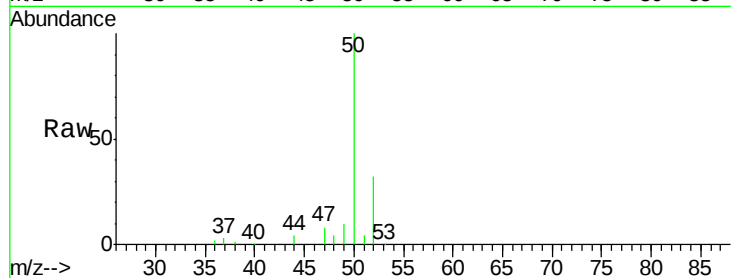
52 31.9 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#4

Vinyl Chloride

Concen: 9.767 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040064.D

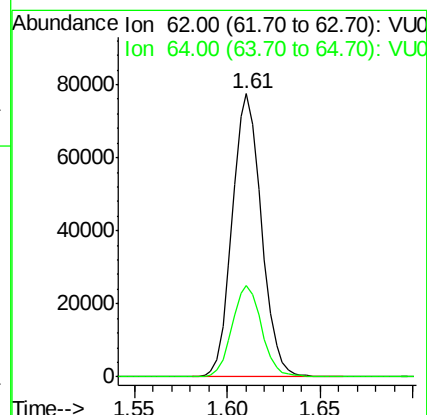
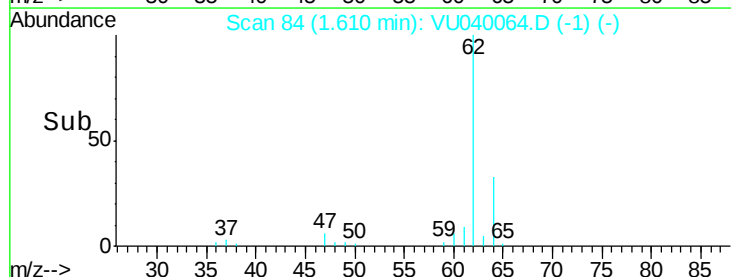
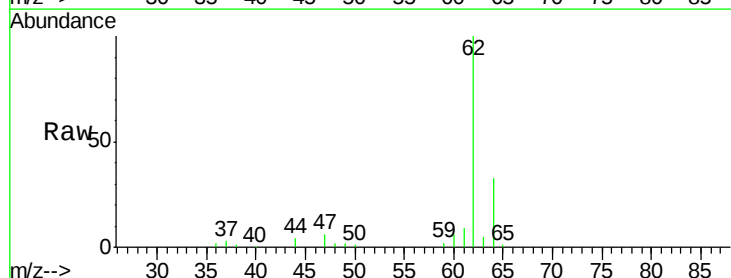
Acq: 09 Sep 2020 13:57

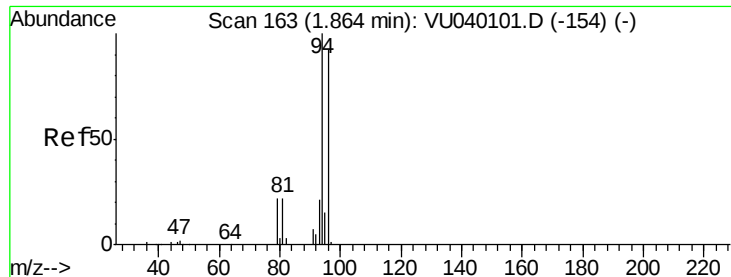
Tgt Ion: 62 Resp: 84695

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 10.707 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

Tot Ion: 94 Resp: 55897

Ion Ratio Lower Upper

94 100

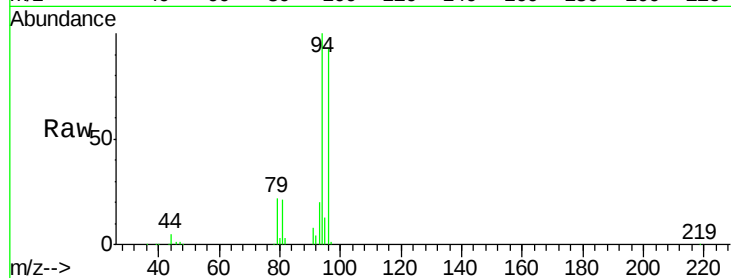
96 93.2 75.4 113.2

Manual Integrations

APPROVED

MMDadoda

9/17/2020 4:47:27 PM

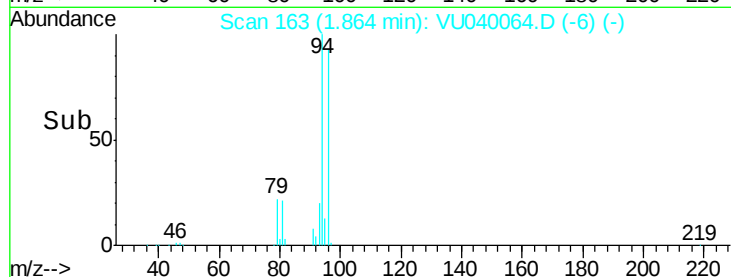


Abundance Ion 94.00 (93.70 to 94.70): VU040064.D (-154) (-)

Ion 96.00 (95.70 to 96.70): VU040064.D (-154) (-)

1.86

Time-->



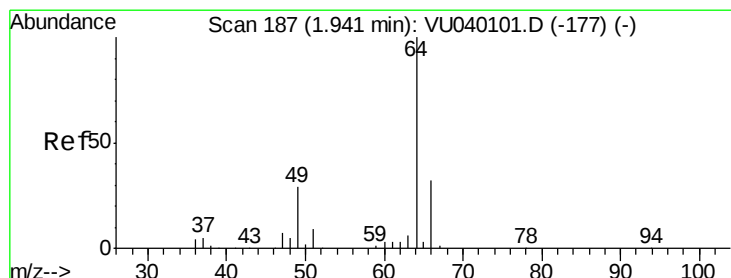
Abundance

Ion 94.00 (93.70 to 94.70): VU040064.D (-6) (-)

Ion 96.00 (95.70 to 96.70): VU040064.D (-6) (-)

1.86

Time-->



#6

Chloroethane

Concen: 9.461 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040064.D

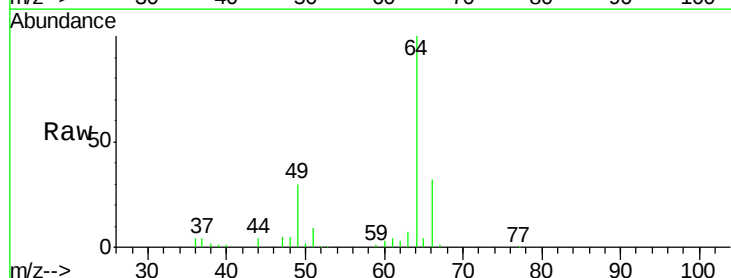
Acq: 09 Sep 2020 13:57

Tgt Ion: 64 Resp: 54103

Ion Ratio Lower Upper

64 100

66 31.9 26.7 40.1

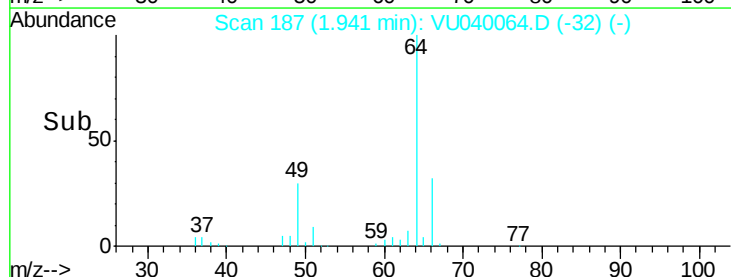


Abundance Ion 64.00 (63.70 to 64.70): VU040064.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU040064.D (-177) (-)

1.94

Time-->



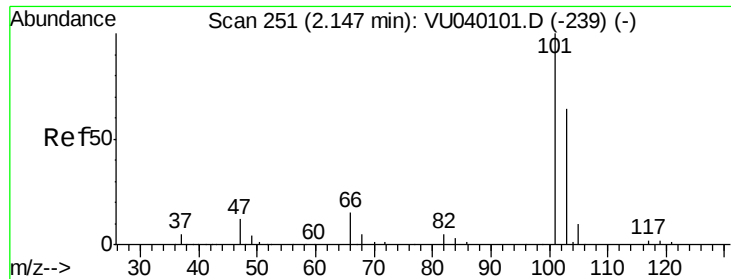
Abundance

Ion 64.00 (63.70 to 64.70): VU040064.D (-32) (-)

Ion 66.00 (65.70 to 66.70): VU040064.D (-32) (-)

1.94

Time-->



#7

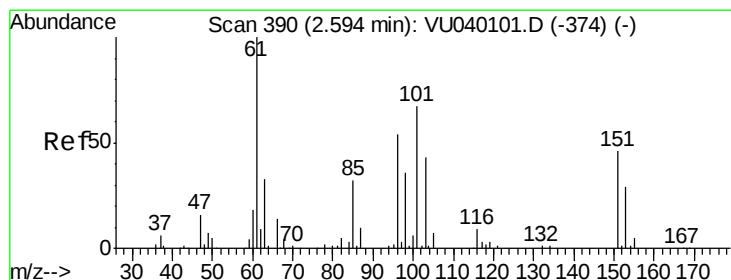
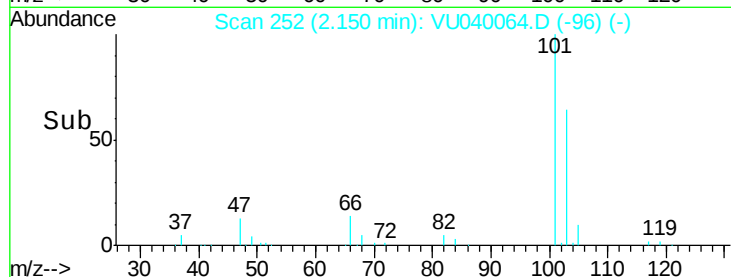
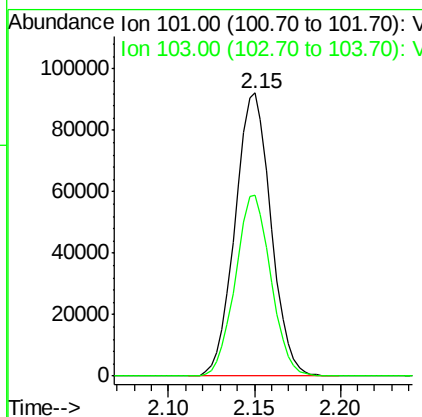
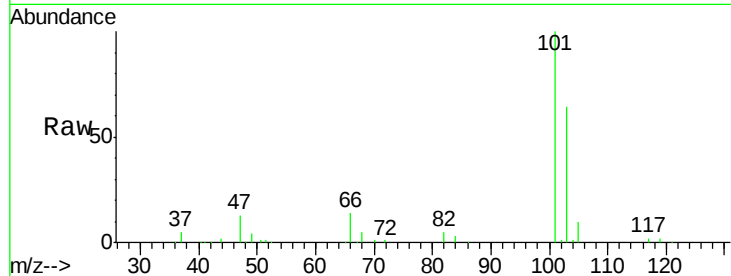
Trichlorofluoromethane
Concen: 10.245 ug/l
RT: 2.15 min Scan# 252
Delta R.T. 0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampled :
ICVVU090920

Tot Ion	Ratio	Resp	Lower	Upper
101	100	133355		
103	64.2	50.8	76.2	

Manual Integrations
APPROVED

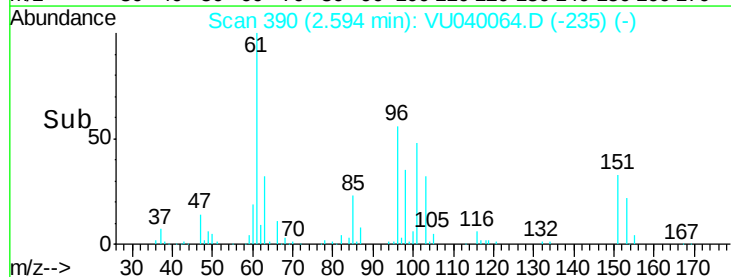
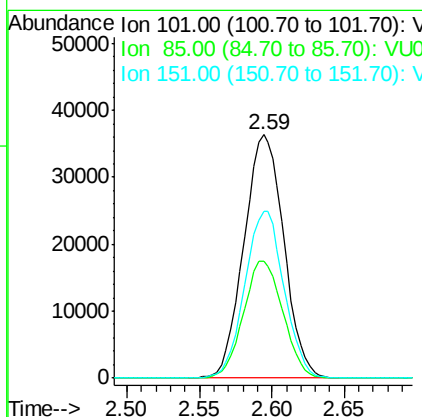
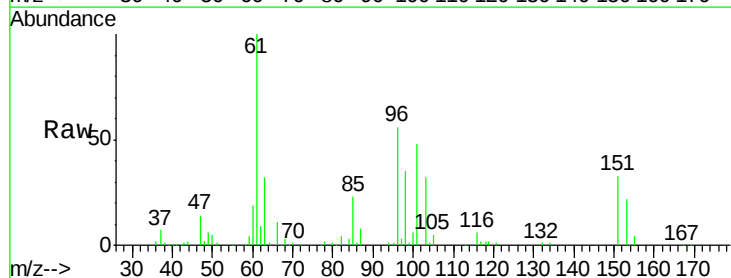
MMDadoda
9/17/2020 4:47:27 PM

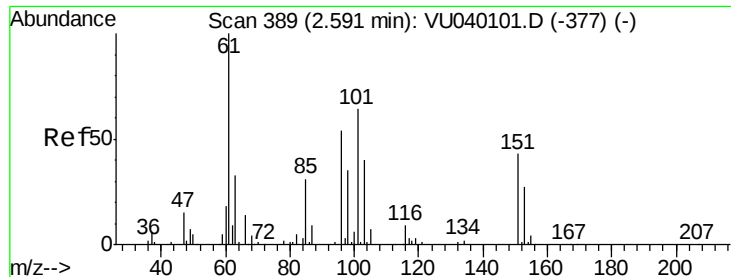


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.273 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	69642		
85	47.5	38.5	57.7	
151	67.4	54.6	81.8	





#9

1,1-Dichloroethene

Concen: 10.713 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampled :

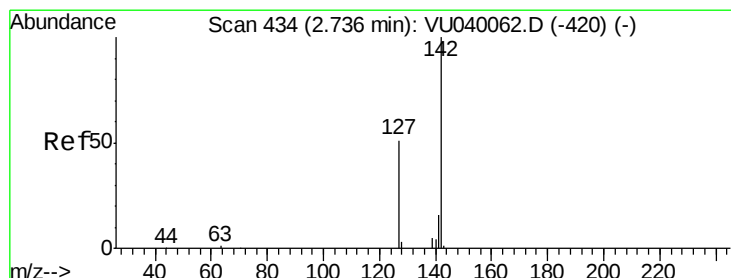
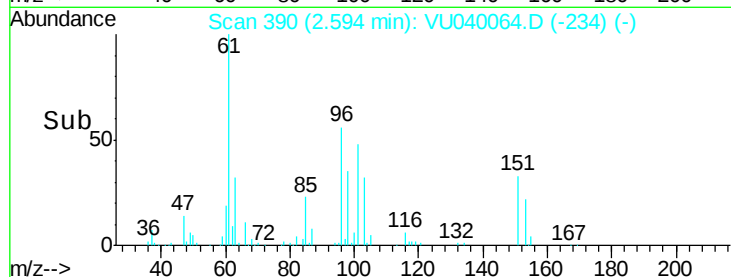
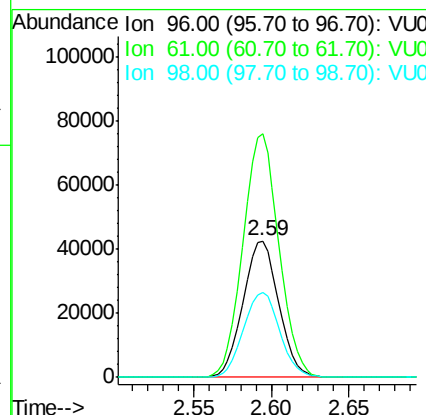
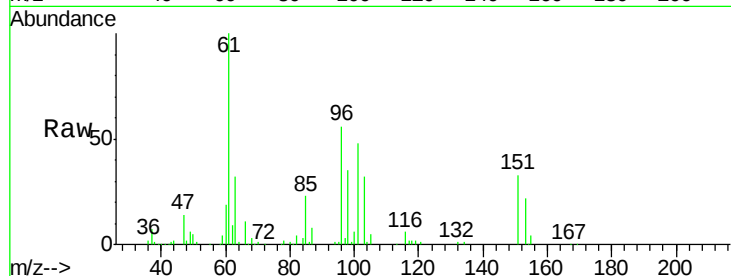
ICVVU090920

Tot Ion:	96	Resp:	68029
Ion	Ratio	Lower	Upper
96	100		
61	178.1	0.0	557.1
98	62.2	0.0	125.6

Manual Integrations
APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#10

Iodomethane

Concen: 10.626 ug/l

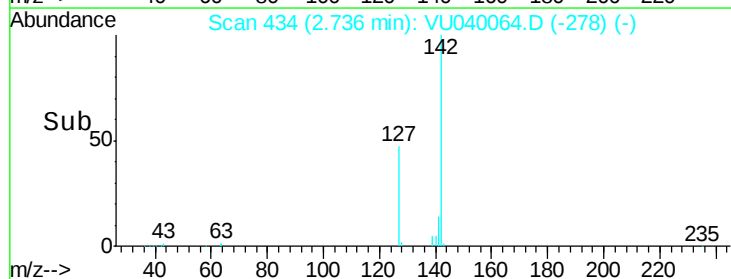
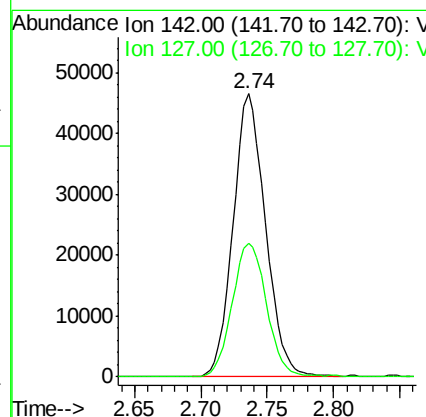
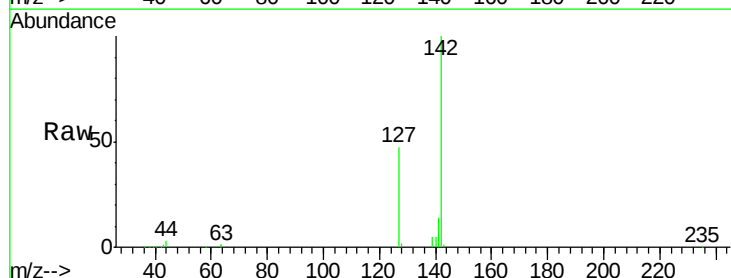
RT: 2.74 min Scan# 434

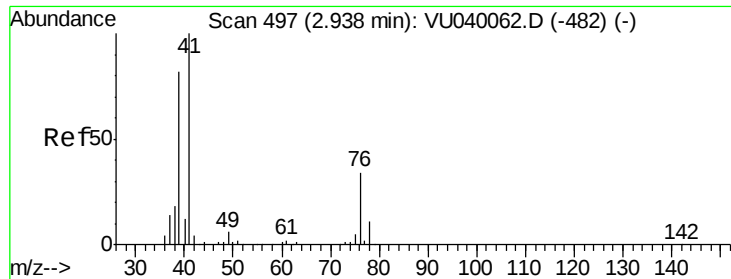
Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Tgt Ion:	142	Resp:	79093
Ion	Ratio	Lower	Upper
142	100		
127	49.9	41.4	62.0





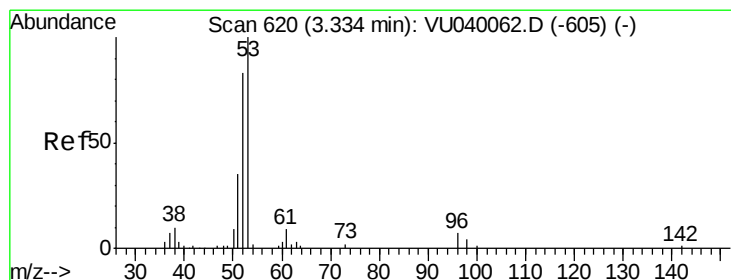
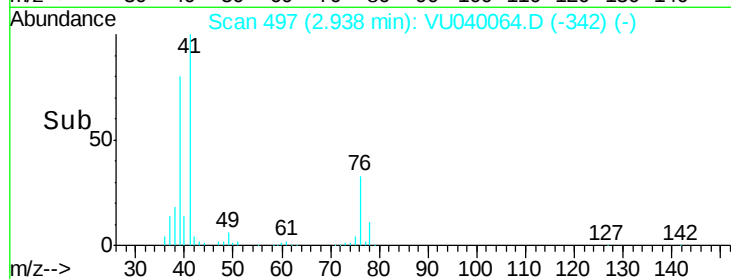
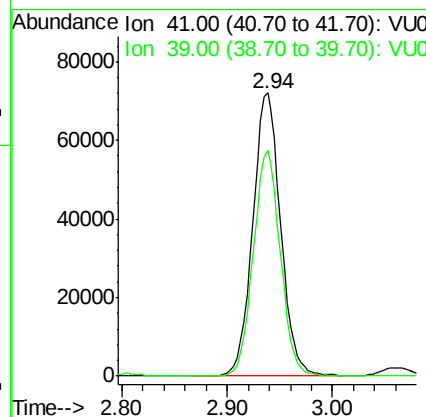
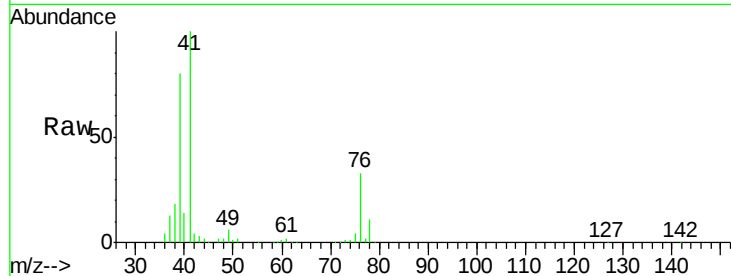
#11
Allvl Chloride
Concen: 10.609 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampled :
ICVVU090920

Tot Ion	Ratio	Lower	Upper
41	100		
39	77.2	64.6	96.8

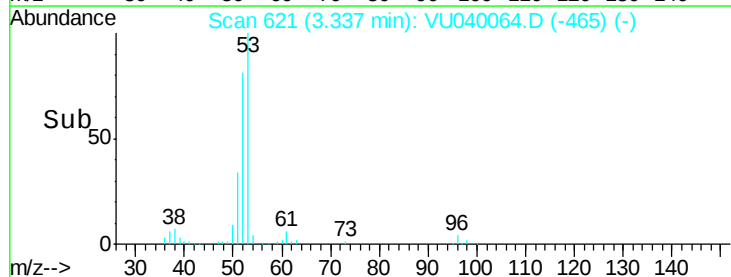
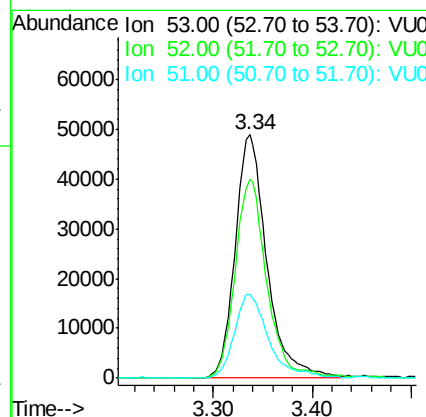
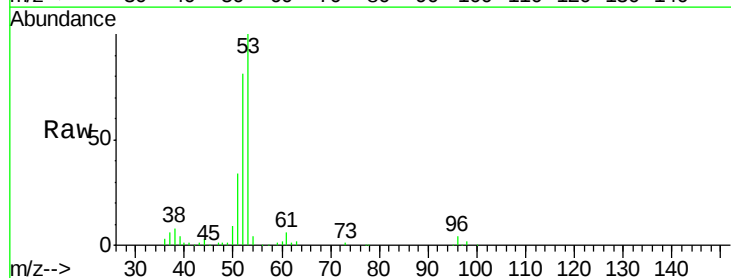
Manual Integrations
APPROVED

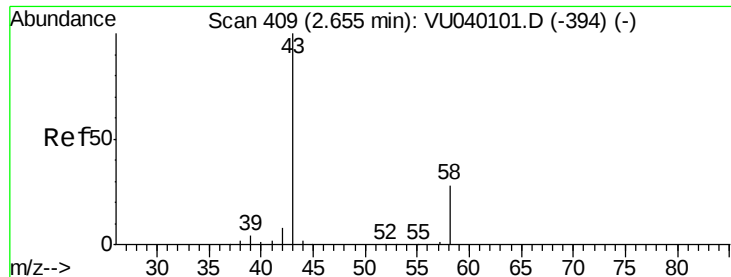
MMDadoda
9/17/2020 4:47:27 PM



#12
Acrylonitrile
Concen: 49.613 ug/l
RT: 3.34 min Scan# 621
Delta R.T. 0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.2	64.0	96.0
51	37.3	28.2	42.2





#13

Acetone

Concen: 58.347 ug/l

RT: 2.65 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

Tot Ion: 43 Resp: 118063

Ion Ratio Lower Upper

43 100

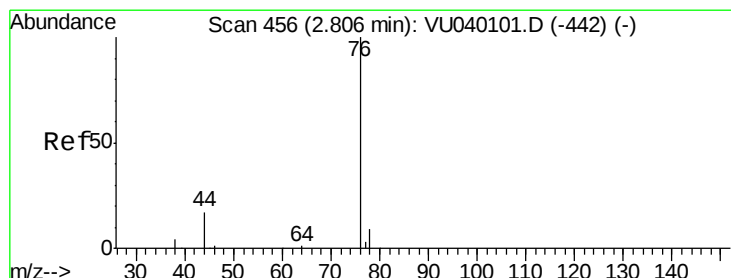
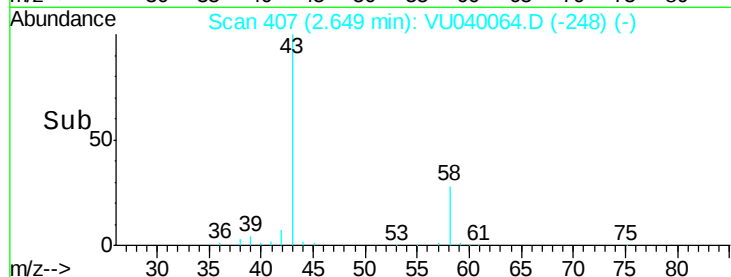
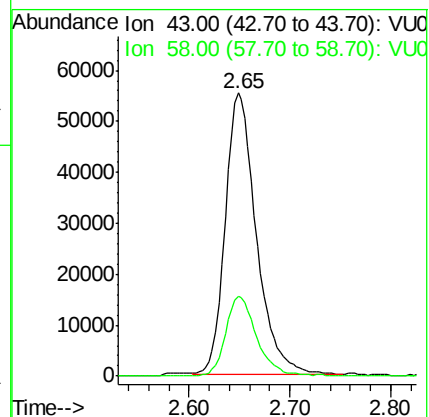
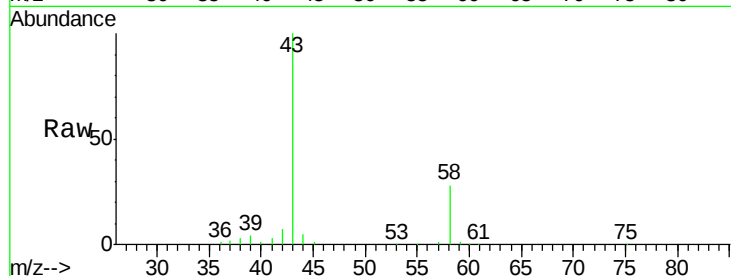
58 28.4 20.6 31.0

Manual Integrations

APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#14

Carbon Disulfide

Concen: 11.879 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040064.D

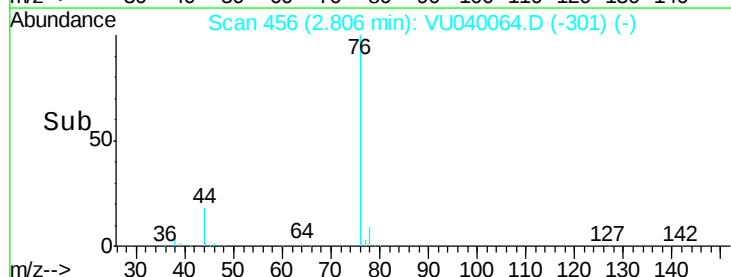
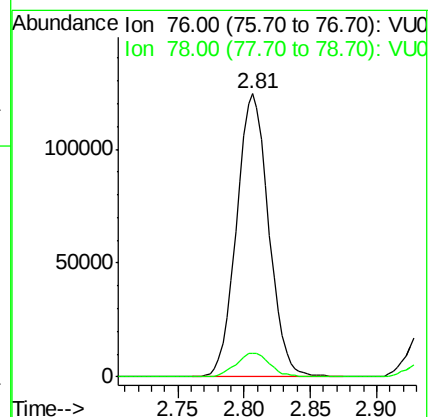
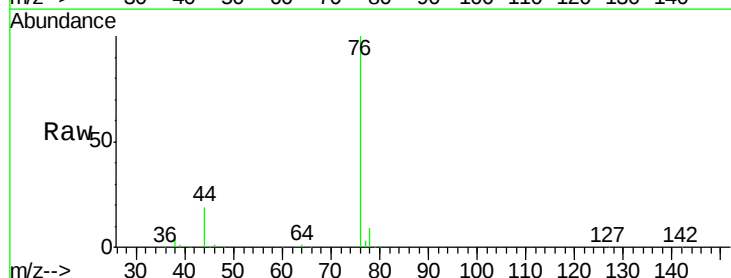
Acq: 09 Sep 2020 13:57

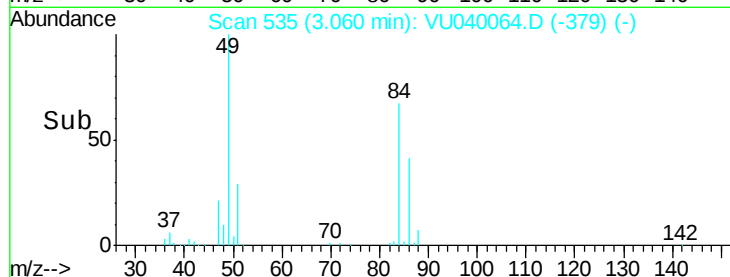
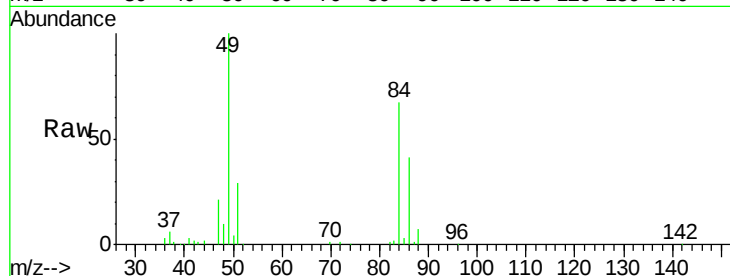
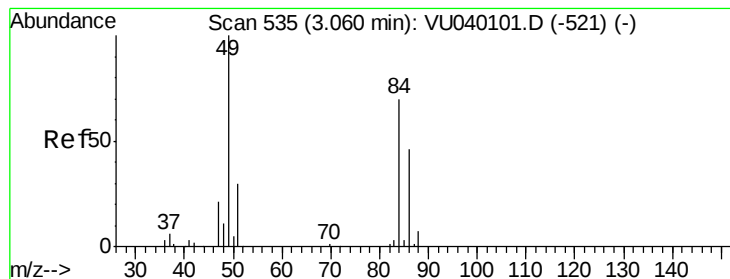
Tgt Ion: 76 Resp: 209484

Ion Ratio Lower Upper

76 100

78 8.5 7.2 10.8





#15

Methylene Chloride

Concen: 11.225 ug/l

RT: 3.06 min Scan# 535

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Tot Ion:	84	Resp:	85929
Ion	Ratio	Lower	Upper
84	100		
49	149.4	114.3	171.5
51	43.7	0.0	84.6
86	61.4	50.6	76.0

Instrument :

MSVOA_U

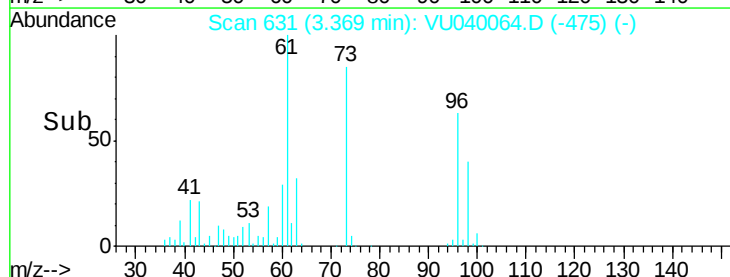
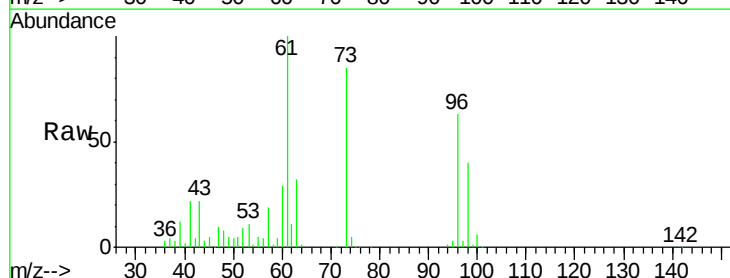
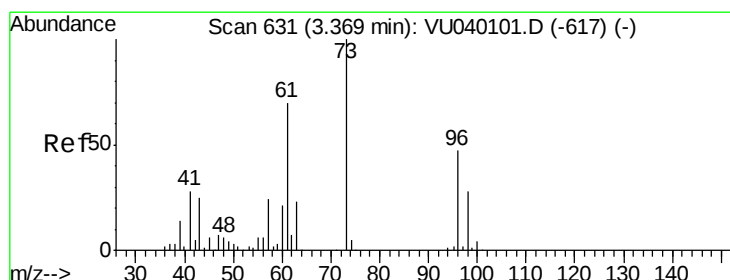
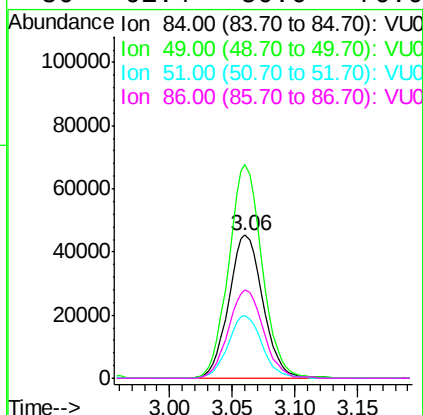
ClientSampled :

ICVVU090920

Manual Integrations
APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#16

trans-1,2-Dichloroethene

Concen: 11.124 ug/l

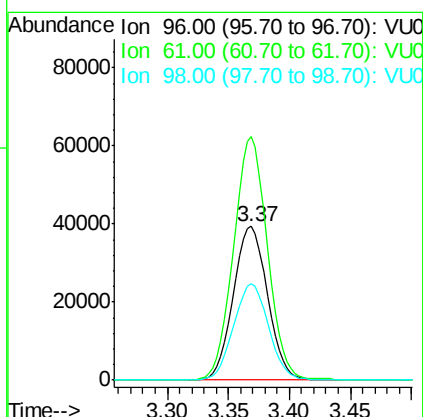
RT: 3.37 min Scan# 631

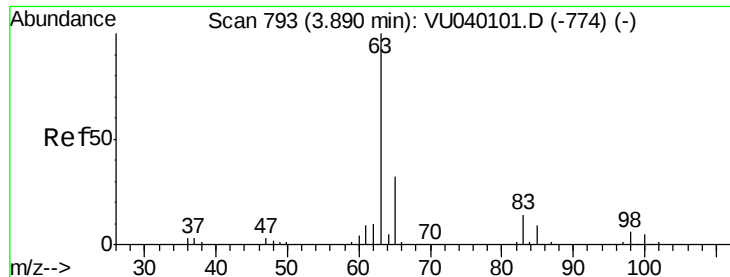
Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Tgt Ion:	96	Resp:	76698
Ion	Ratio	Lower	Upper
96	100		
61	158.1	121.4	182.0
98	62.7	51.9	77.9





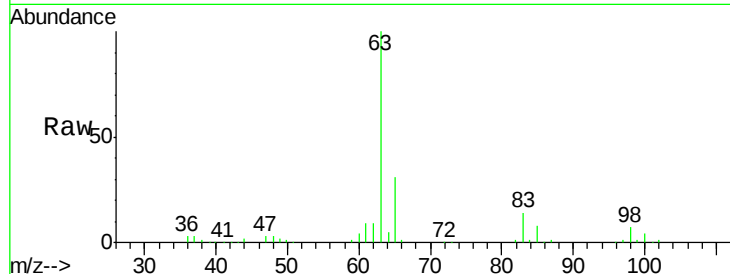
#17
 1,1-Dichloroethane
 Concen: 9.979 ug/l
 RT: 3.89 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

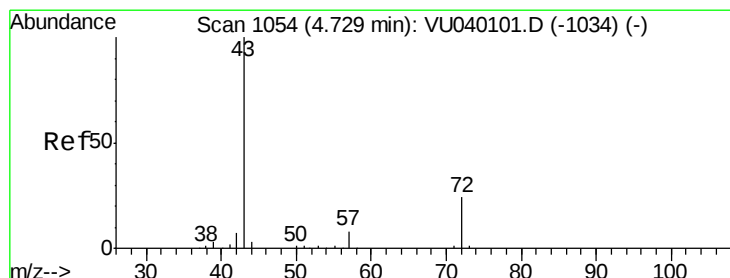
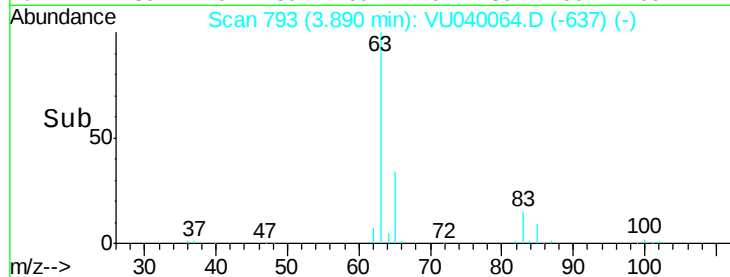
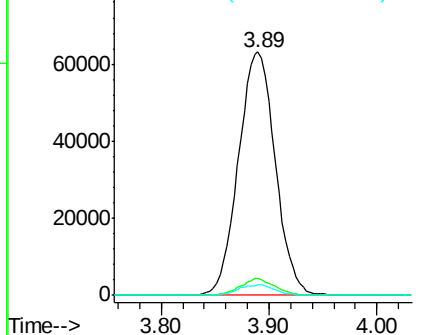
Tot Ion:	63	Resp:	150119
Ion Ratio	Lower	Upper	
63	100		
98	7.0	3.1	9.4
100	4.3	2.0	5.8

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 4:47:27 PM

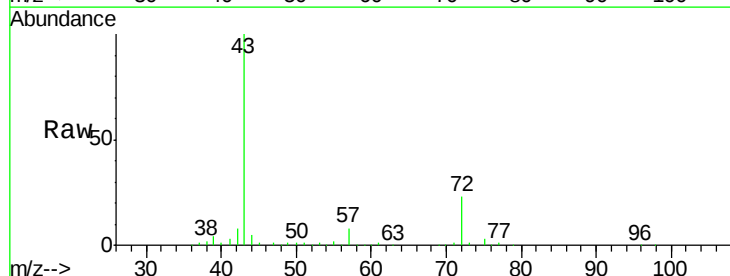


Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0
 Ion 100.00 (99.70 to 100.70): VU0

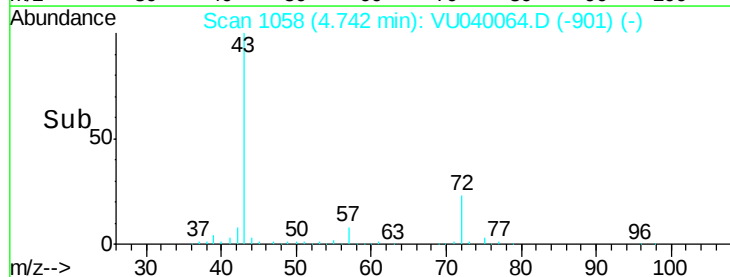
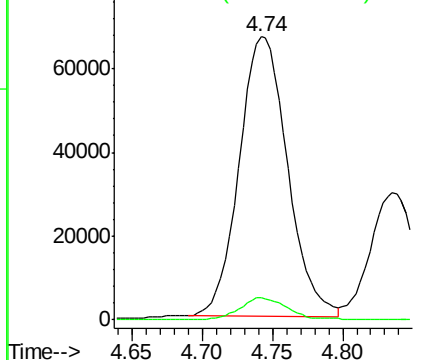


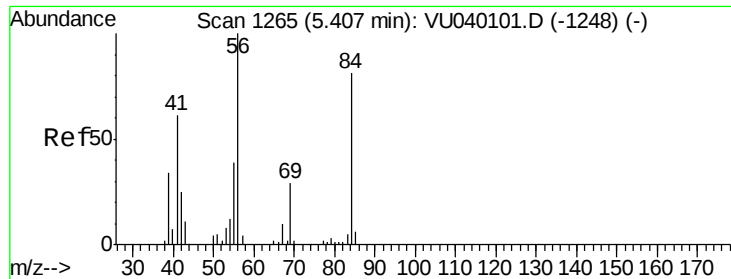
#18
 2-Butanone
 Concen: 51.801 ug/l
 RT: 4.74 min Scan# 1058
 Delta R.T. 0.01 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion:	43	Resp:	159866
Ion Ratio	Lower	Upper	
43	100		
57	7.8	0.0	15.2



Abundance Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0





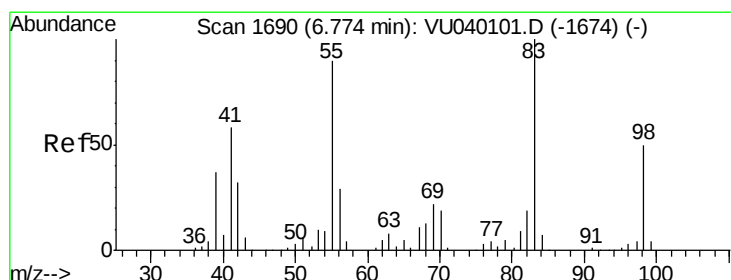
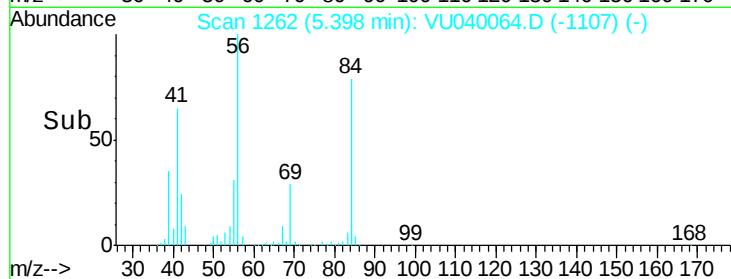
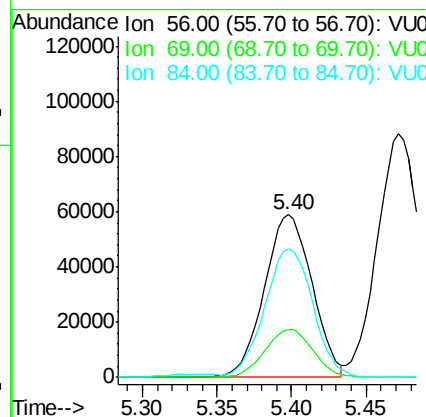
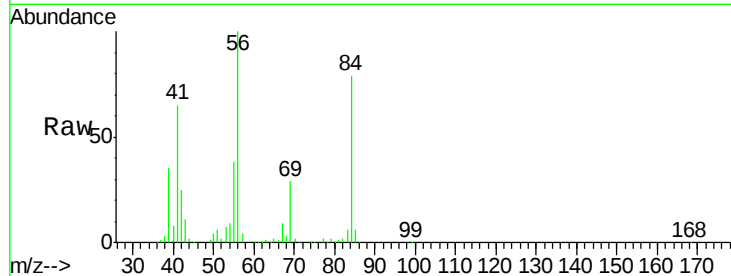
#19
Cyclohexane
Concen: 10.499 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampled :
ICVVU090920

Tot Ion:	56	Resp:	131190
Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.5	35.3
84	77.6	63.8	95.6

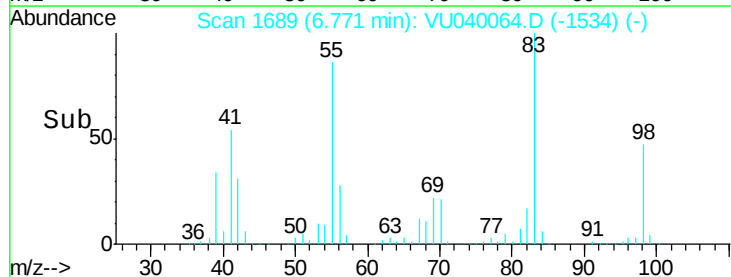
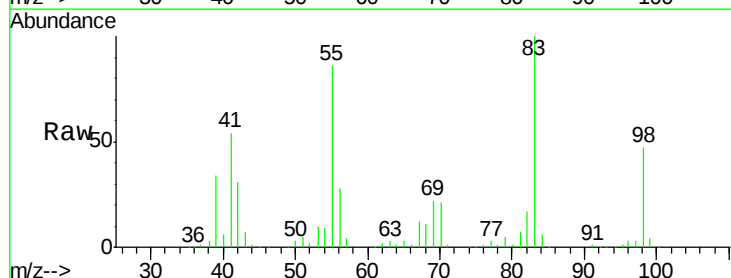
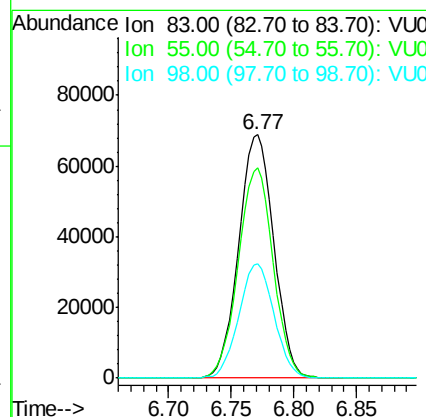
Manual Integrations
APPROVED

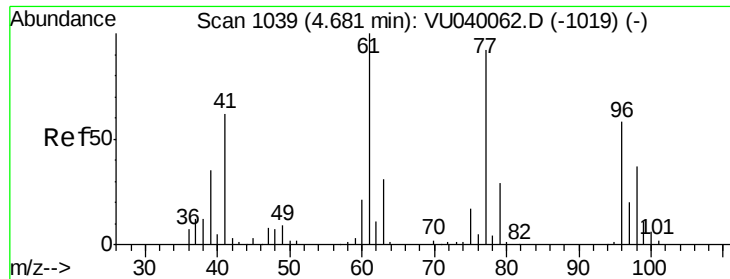
MMDadoda
9/17/2020 4:47:27 PM



#20
Methylcyclohexane
Concen: 11.578 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion:	83	Resp:	134086
Ion	Ratio	Lower	Upper
83	100		
55	85.6	69.4	104.2
98	47.1	37.5	56.3





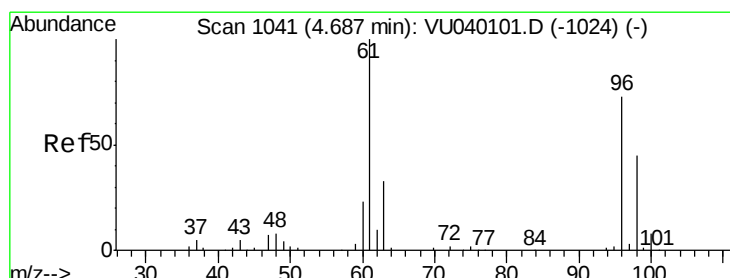
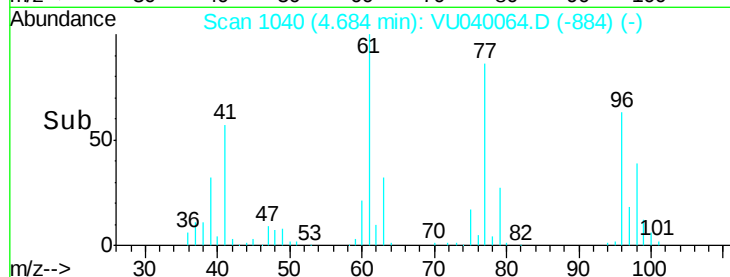
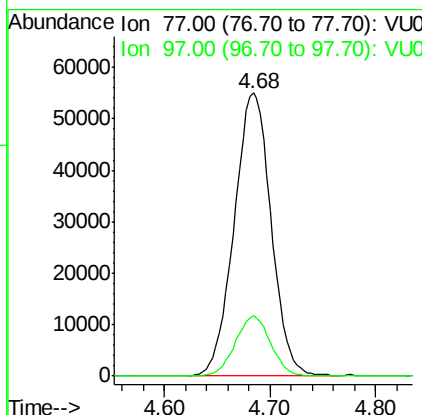
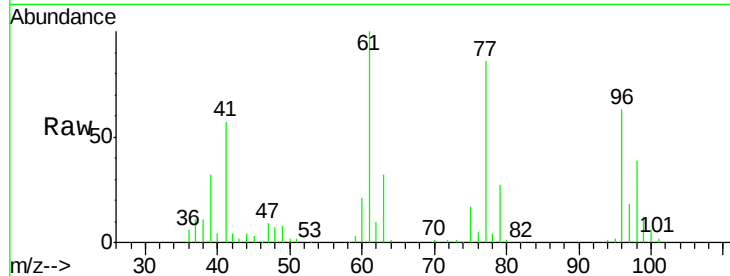
#21
 2,2-Dichloropropane
 Concen: 9.307 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Instrument :
 MSVOA_U
 ClientSampled :
 ICVVU090920

Tot Ion: 77 Resp: 132943
 Ion Ratio Lower Upper
 77 100
 97 20.4 16.4 24.6

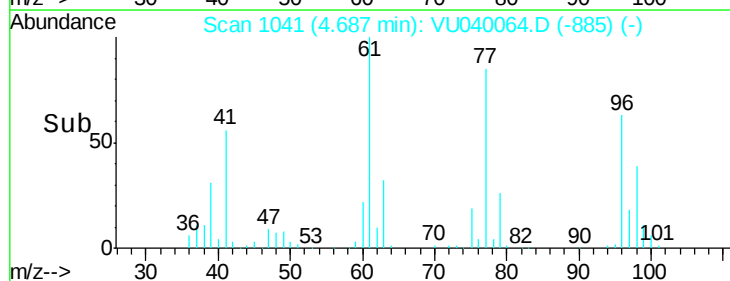
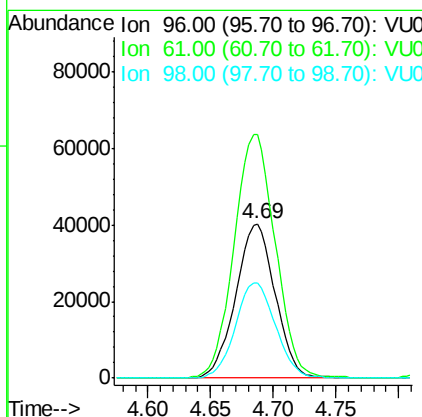
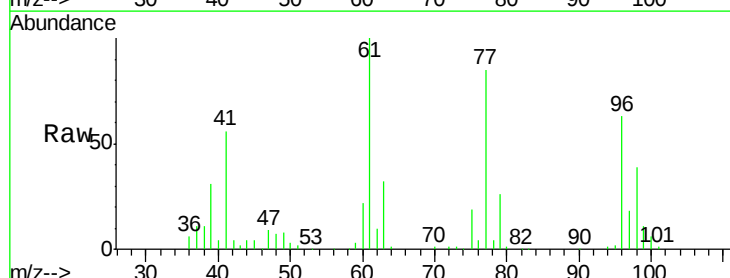
Manual Integrations
 APPROVED

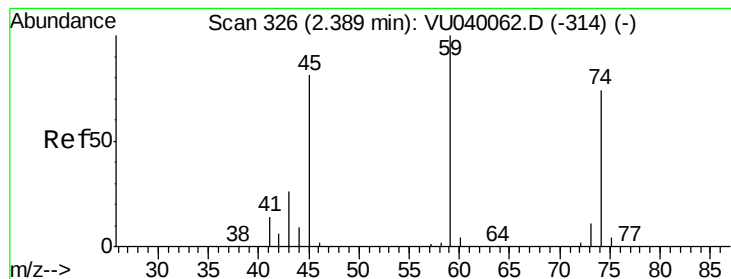
MMDadoda
 9/17/2020 4:47:27 PM



#22
 cis-1,2-Dichloroethene
 Concen: 10.921 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion: 96 Resp: 87697
 Ion Ratio Lower Upper
 96 100
 61 165.6 0.0 420.0
 98 63.1 31.8 95.3





#23

Diethyl Ether

Concen: 9.665 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

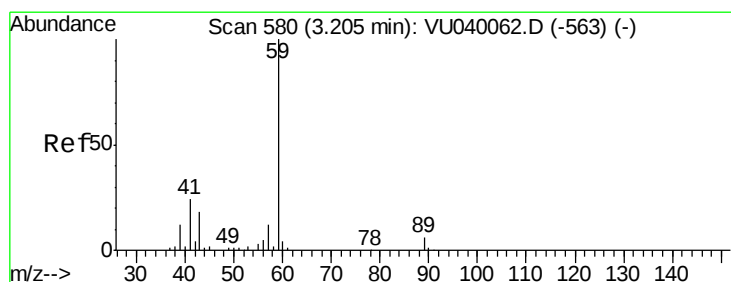
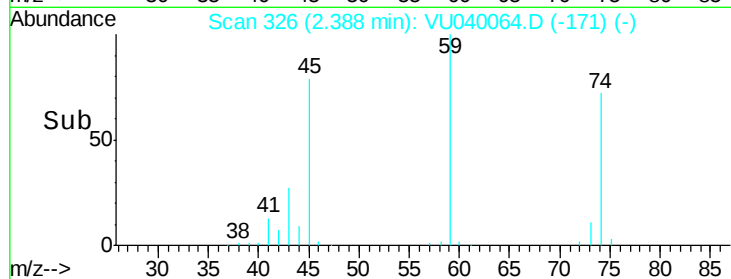
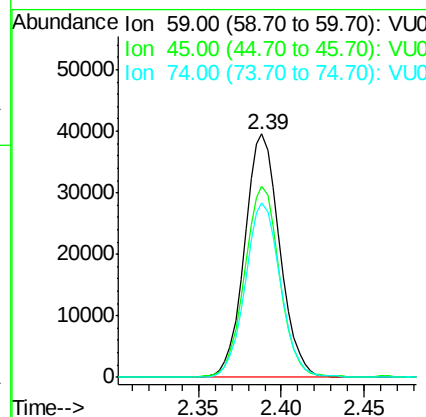
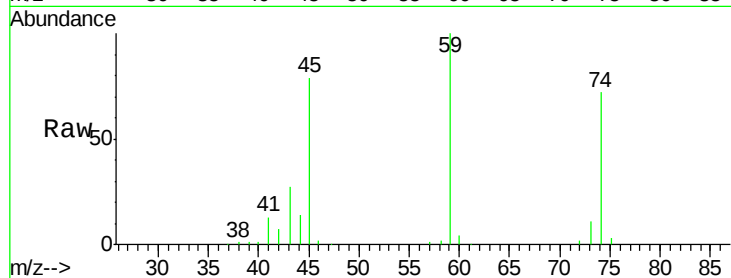
ClientSampled :

ICVVU090920

Tot Ion:	59	Resp:	58152
Ion	Ratio	Lower	Upper
59	100		
45	78.4	62.4	93.6
74	71.8	57.7	86.5

Manual Integrations
APPROVED

MMDadoda
9/17/2020 4:47:27 PM



#24

tert-Butyl Alcohol

Concen: 48.219 ug/l

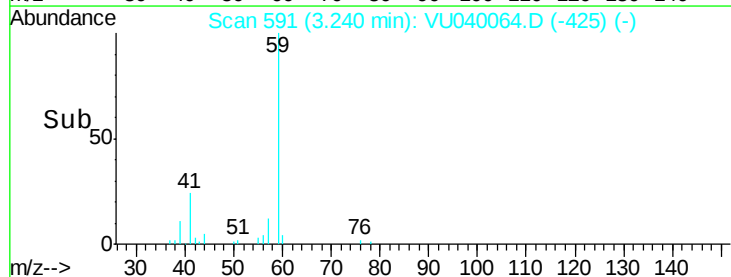
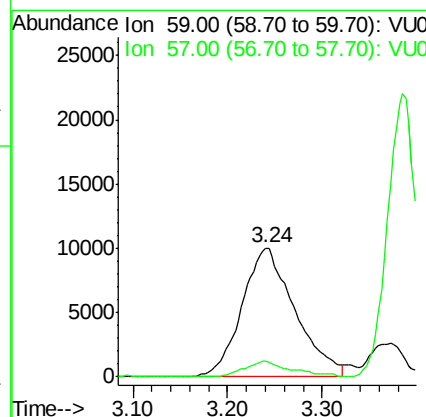
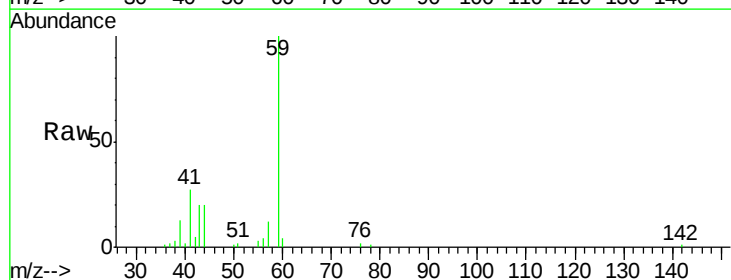
RT: 3.24 min Scan# 591

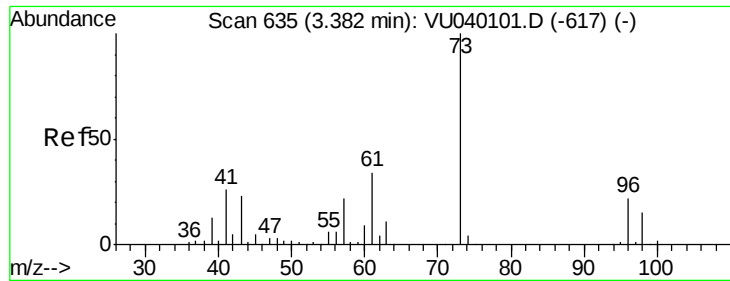
Delta R.T. 0.04 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Tgt Ion:	59	Resp:	39045
Ion	Ratio	Lower	Upper
59	100		
57	10.4	9.0	13.6





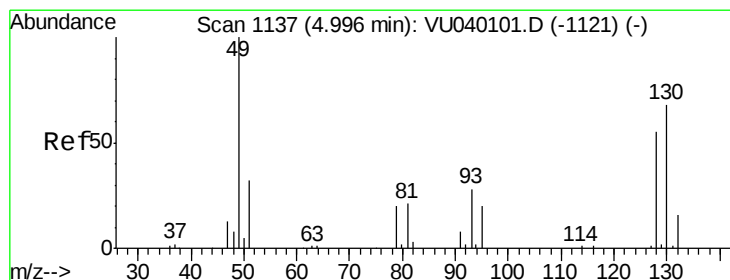
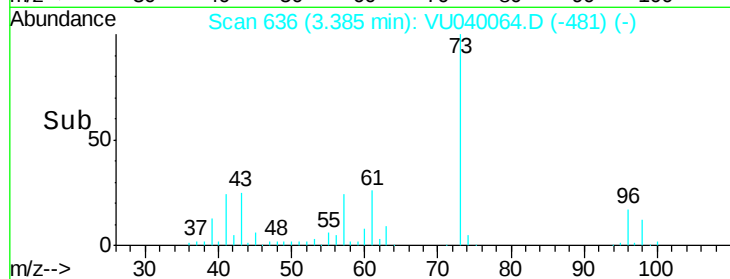
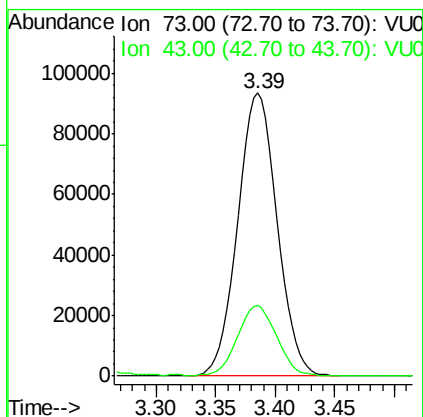
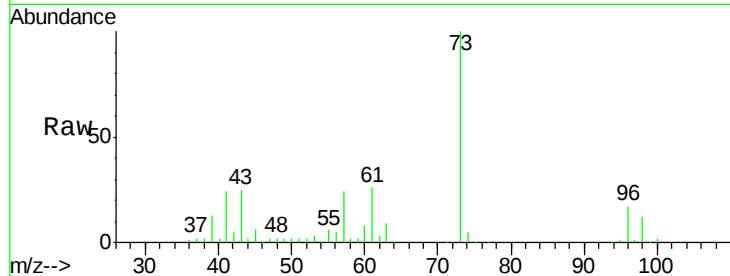
#25
Methvl tert-Butvl Ether
Concen: 10.142 ug/l
RT: 3.39 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

Tot Ion: 73 Resp: 214786
Ion Ratio Lower Upper
73 100
43 25.0 20.0 30.0

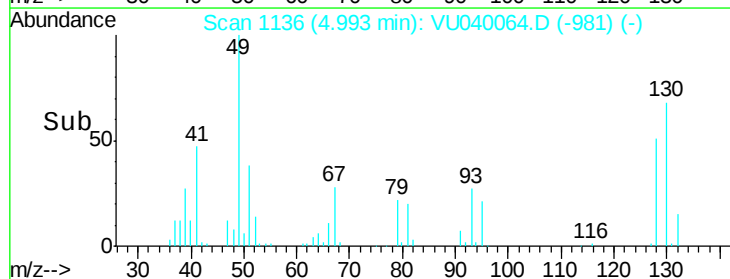
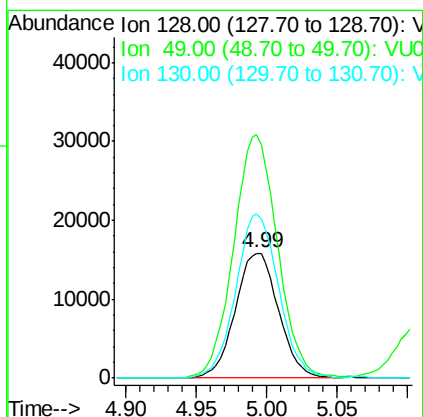
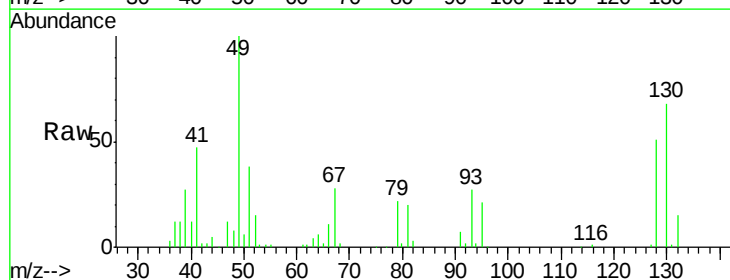
Manual Integrations
APPROVED

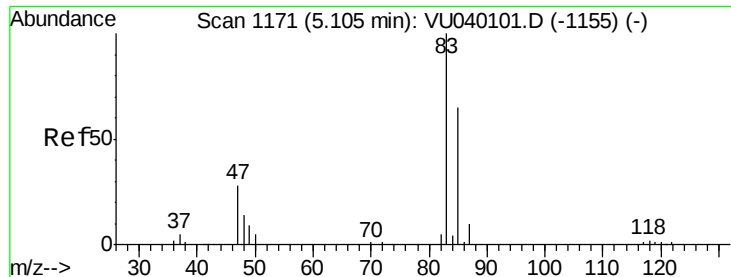
MMDadoda
9/17/2020 4:47:27 PM



#26
Bromochloromethane
Concen: 9.734 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion: 128 Resp: 33955
Ion Ratio Lower Upper
128 100
49 198.1 0.0 390.6
130 130.5 104.9 157.3





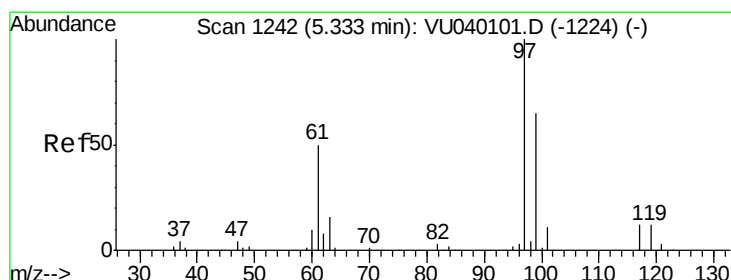
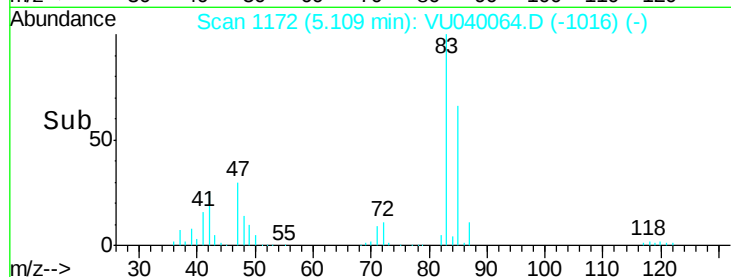
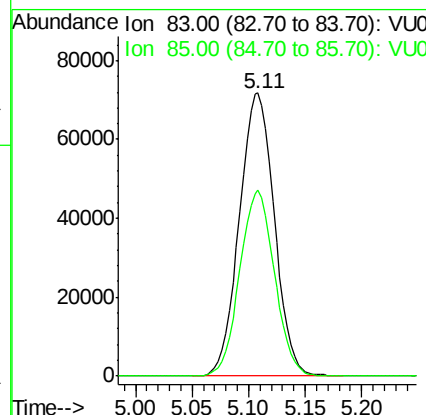
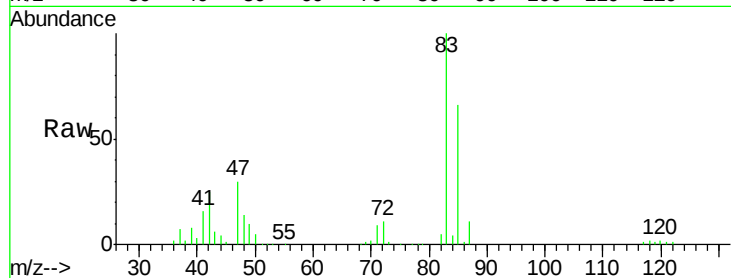
#27
Chloroform
Concen: 10.142 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

Tot Ion	83	Resp	154888
Ion Ratio	100	Lower	Upper
85	65.6	0.0	132.4

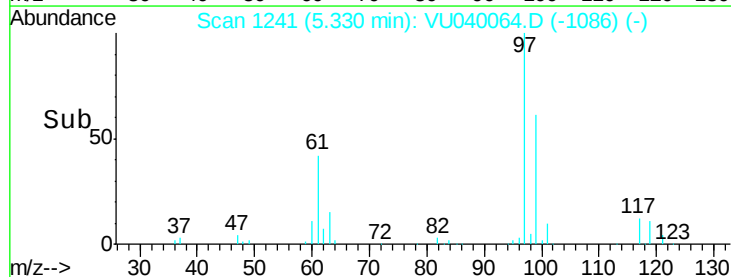
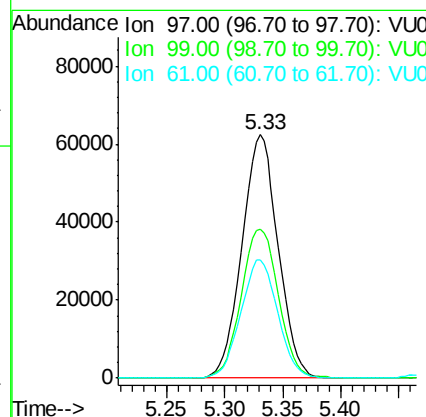
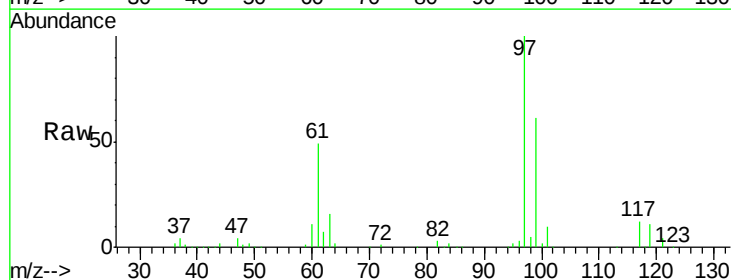
Manual Integrations
APPROVED

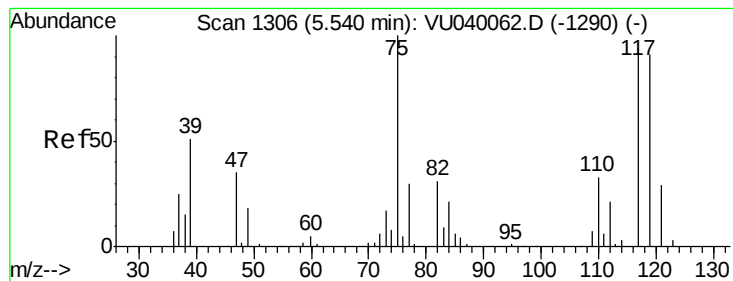
MMDadoda
9/17/2020 4:47:27 PM



#28
1,1,1-Trichloroethane
Concen: 10.189 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion	97	Resp	135321
Ion Ratio	100	Lower	Upper
99	63.4	31.8	95.4
61	49.6	25.1	75.2





#29

1,1-Dichloropropene

Concen: 10.777 ug/l

RT: 5.54 min Scan# 1306

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampled :

ICVVU090920

Tot Ion: 75 Resp: 121793

Ion Ratio Lower Upper

75 100

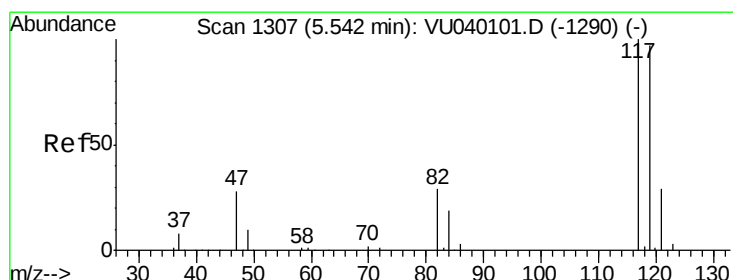
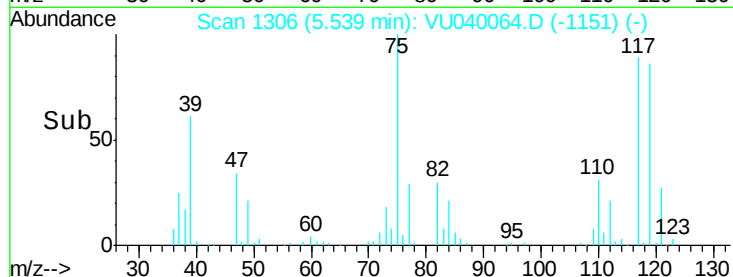
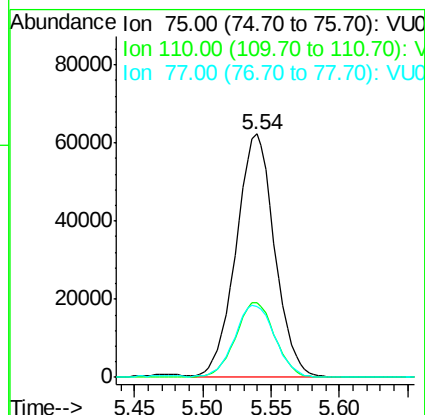
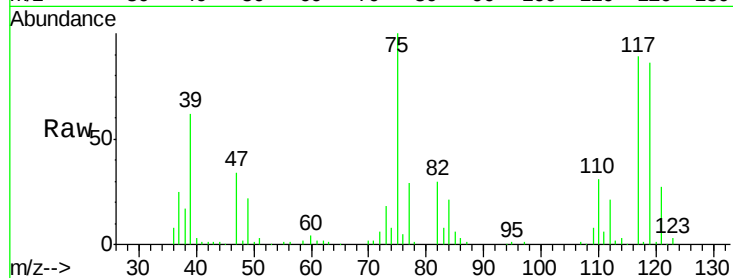
110 31.3 16.2 48.6

77 30.7 25.3 37.9

Manual Integrations
APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#30

Carbon Tetrachloride

Concen: 10.352 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

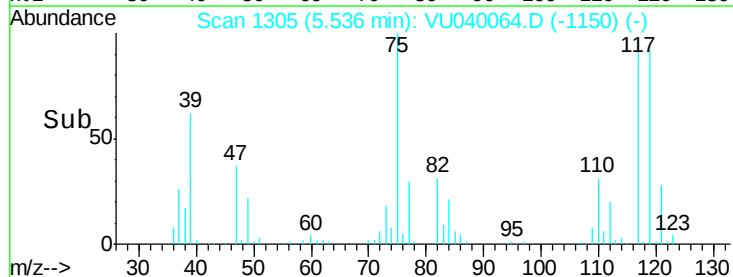
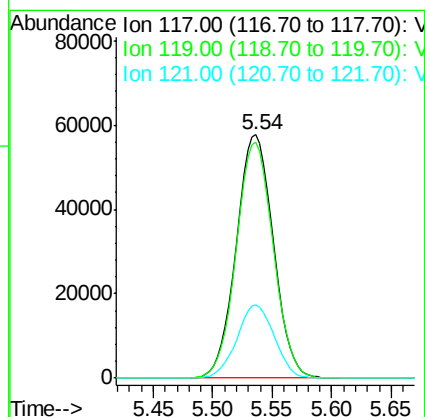
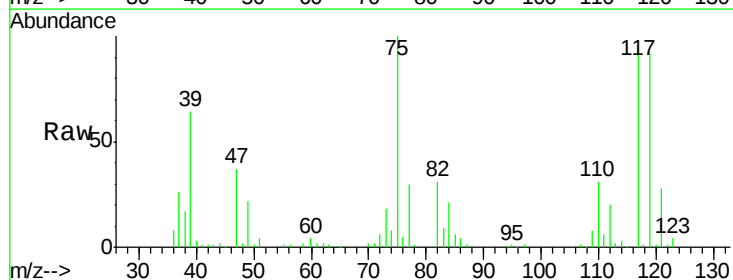
Tgt Ion: 117 Resp: 124721

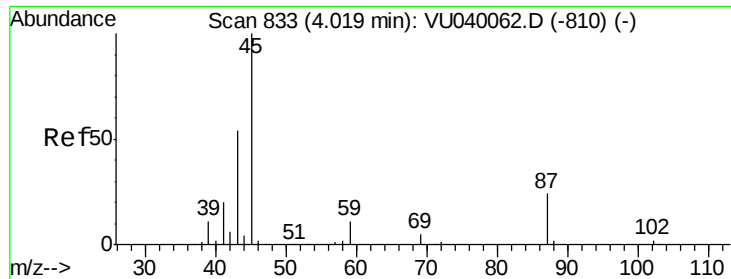
Ion Ratio Lower Upper

117 100

119 96.8 77.0 115.4

121 30.0 24.2 36.4





#31

Isopropyl Ether

Concen: 10.573 ug/l

RT: 4.02 min Scan# 834

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampled :

ICVVU090920

Tot Ion: 45 Resp: 273843

Ion Ratio Lower Upper

45 100

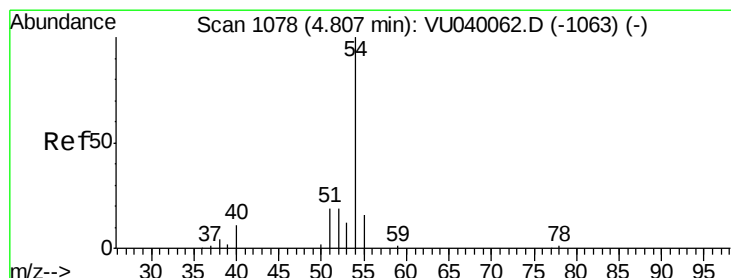
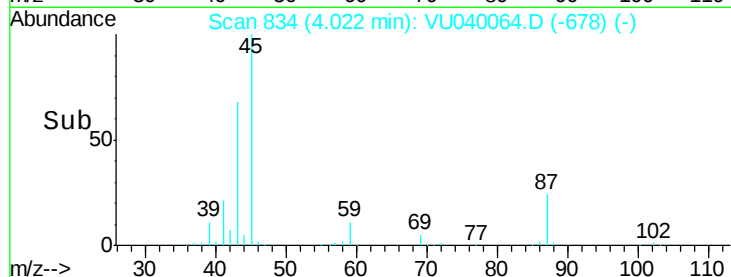
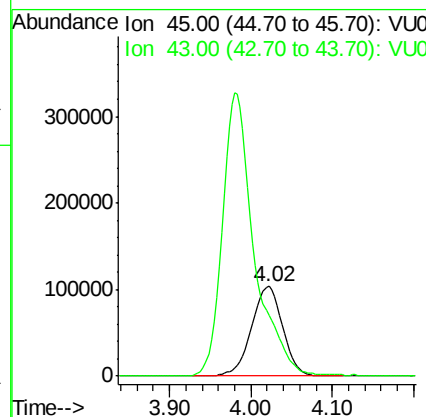
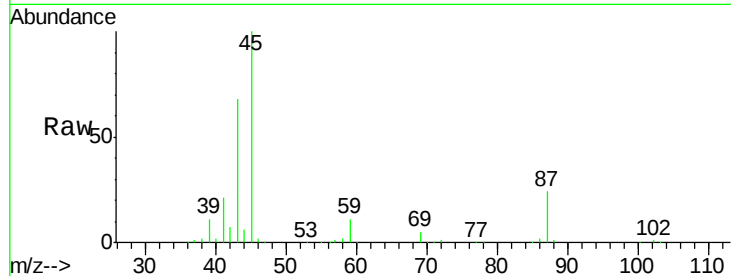
43 326.0 27.9 83.7#

Manual Integrations

APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#34

Propionitrile

Concen: 110.788 ug/l

RT: 4.82 min Scan# 1081

Delta R.T. 0.01 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Tgt Ion: 54 Resp: 86566

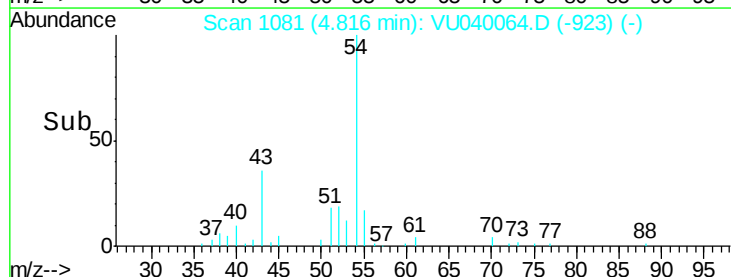
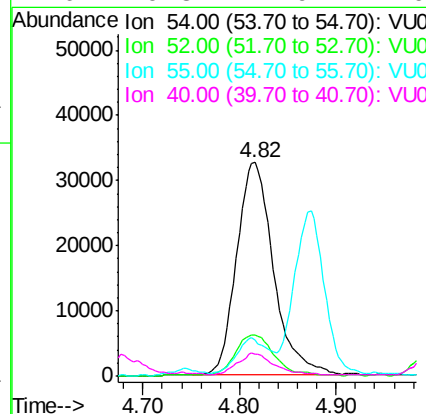
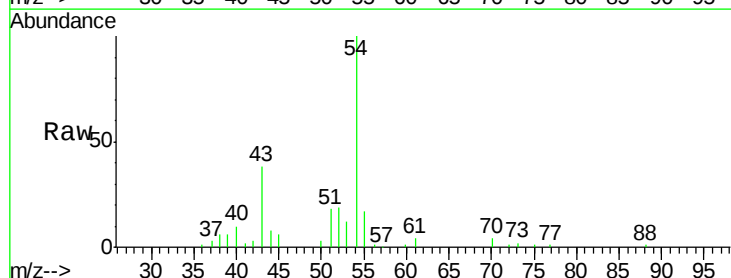
Ion Ratio Lower Upper

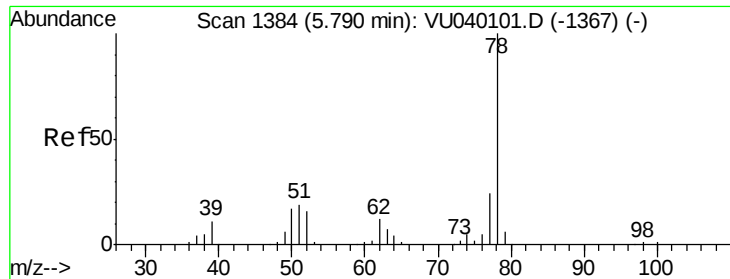
54 100

52 20.8 16.2 24.4

55 15.2 12.6 18.8

40 9.8 7.9 11.9





#35

Benzene

Concen: 10.874 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

Tot Ion: 78 Resp: 340287

Ion Ratio Lower Upper

78 100

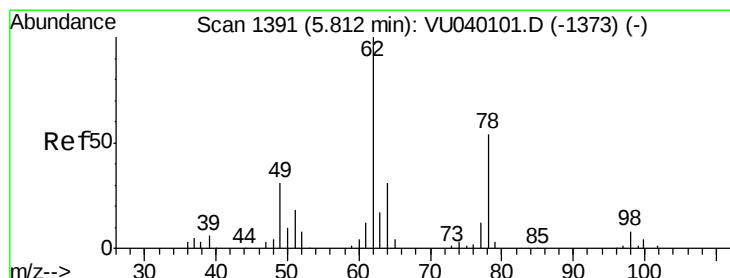
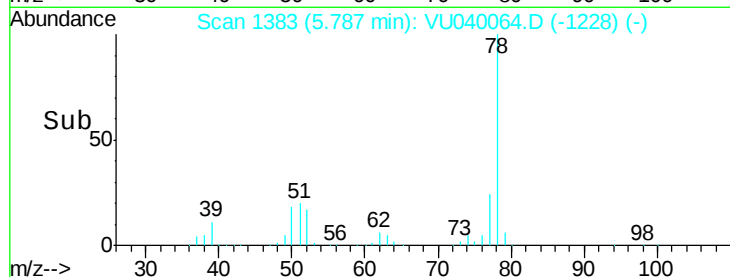
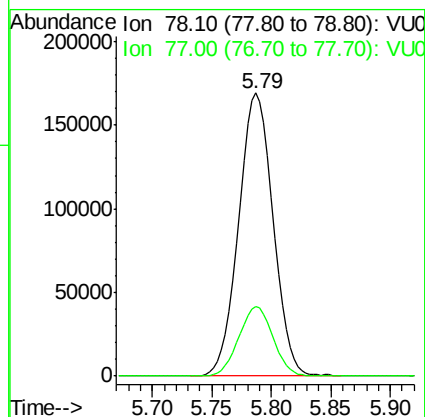
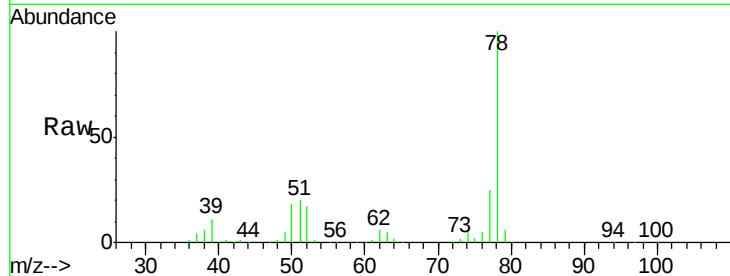
77 24.5 19.1 28.7

Manual Integrations

APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#36

1,2-Dichloroethane

Concen: 10.581 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU040064.D

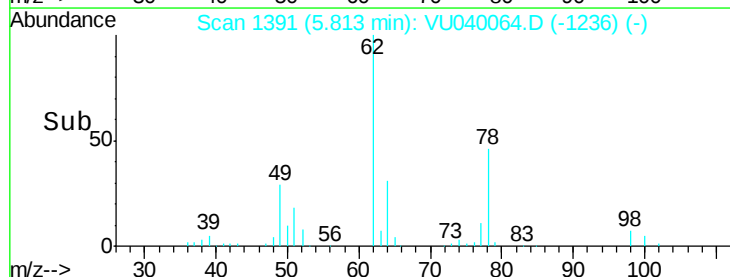
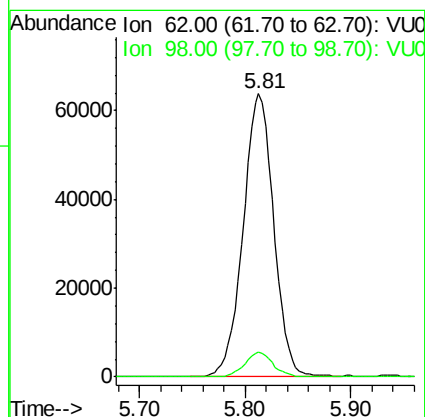
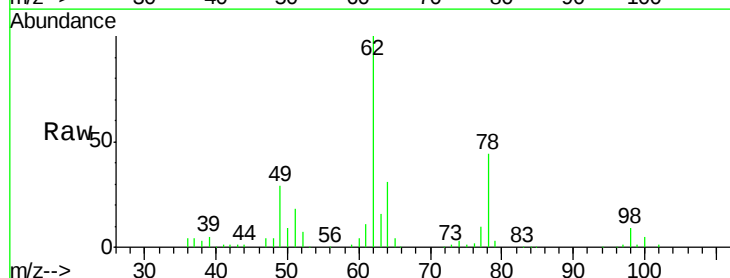
Acq: 09 Sep 2020 13:57

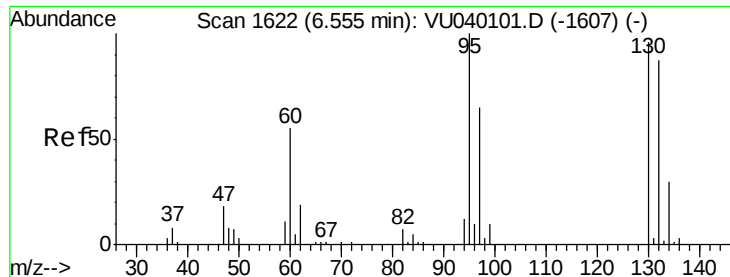
Tgt Ion: 62 Resp: 128817

Ion Ratio Lower Upper

62 100

98 8.0 6.5 9.7





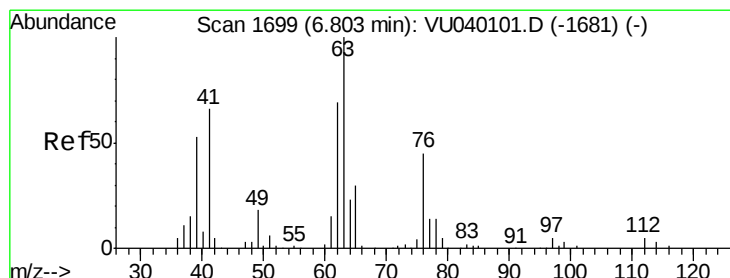
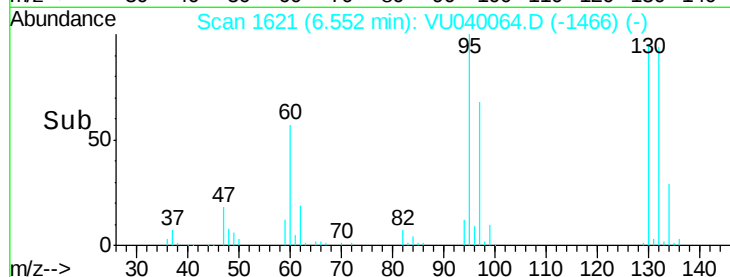
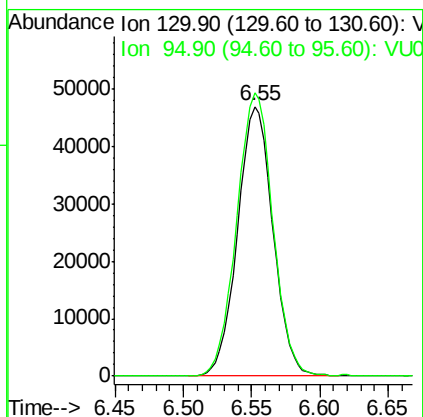
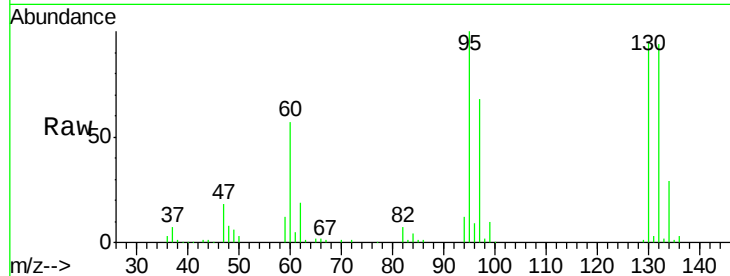
#37
 Trichloroethene
 Concen: 10.648 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Instrument :
 MSVOA_U
 ClientSampled :
 ICVVU090920

Tot Ion:130 Resp: 84722
 Ion Ratio Lower Upper
 130 100
 95 104.9 84.2 126.2

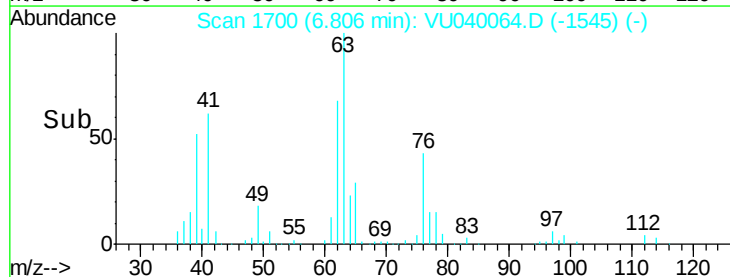
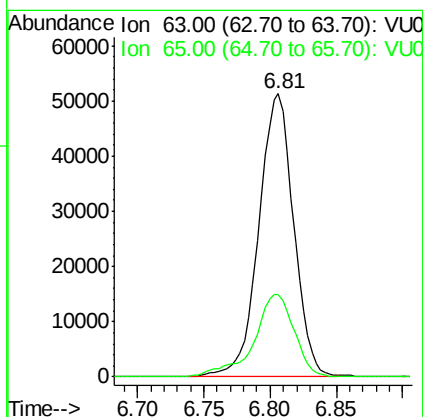
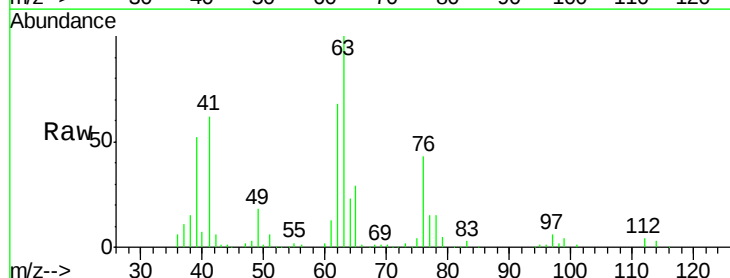
Manual Integrations
 APPROVED

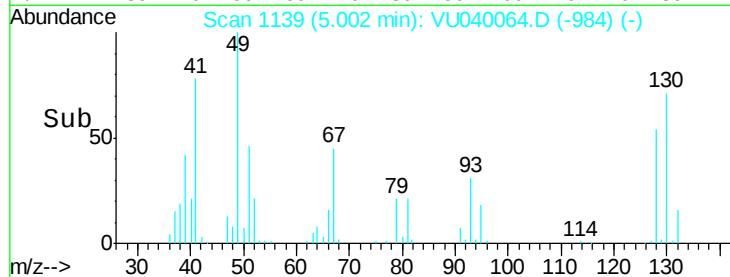
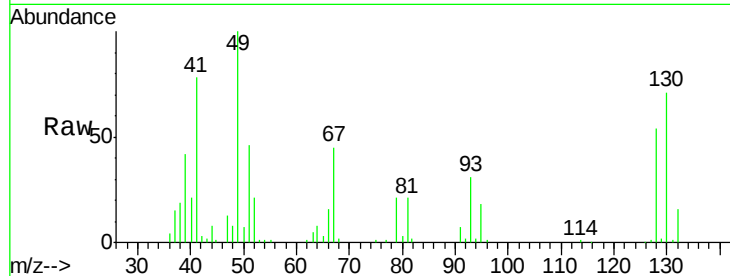
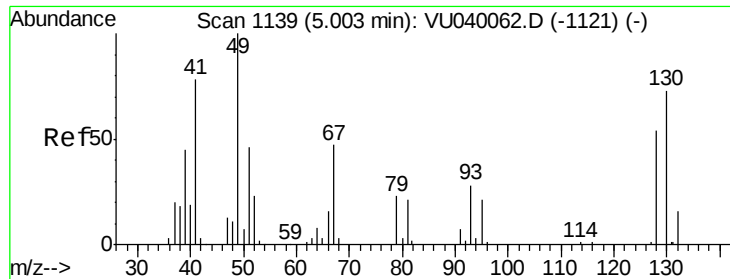
MMDadoda
 9/17/2020 4:47:27 PM



#38
 1,2-Dichloropropane
 Concen: 10.388 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion: 63 Resp: 94122
 Ion Ratio Lower Upper
 63 100
 65 28.9 23.0 34.6





#39

Methacrylonitrile

Concen: 9.272 ug/l

RT: 5.00 min Scan# 1139

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Tot Ion	41	Resp	38759
Ion Ratio	Lower	Upper	
41	100		
67	62.5	49.2	73.8
39	57.4	46.5	69.7
52	31.7	25.5	38.3

Instrument :

MSVOA_U

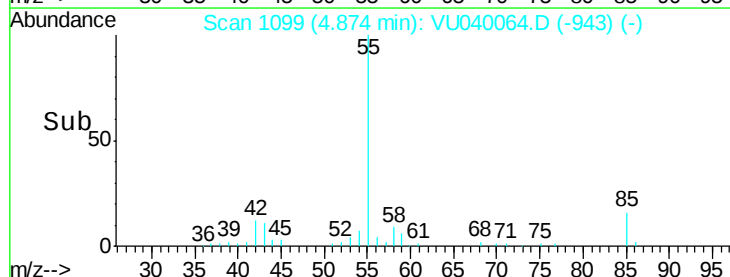
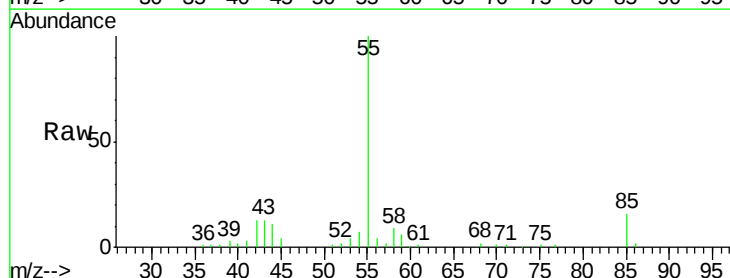
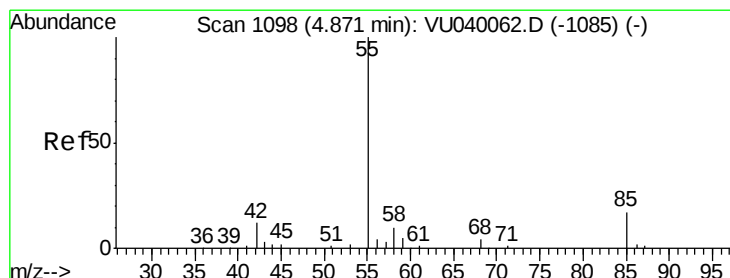
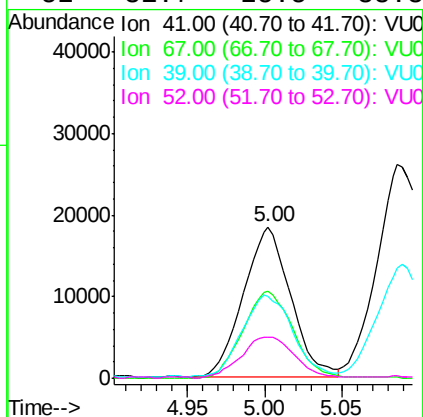
ClientSampled :

ICVVU090920

Manual Integrations
APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#40

Methyl acrylate

Concen: 10.079 ug/l

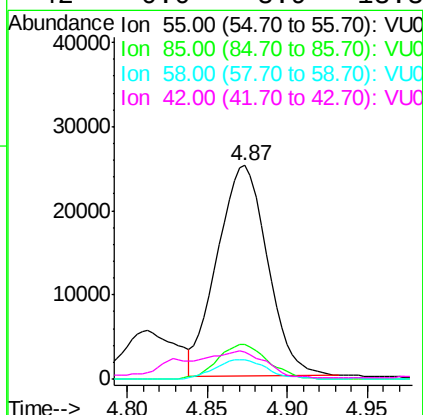
RT: 4.87 min Scan# 1099

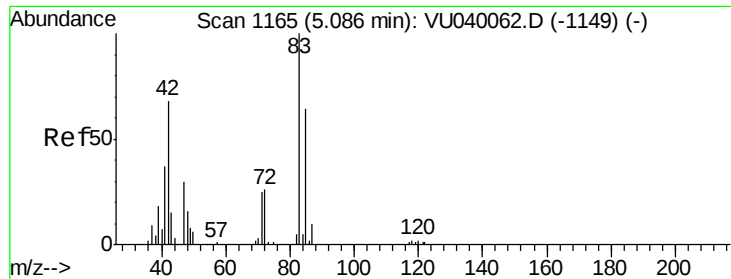
Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Tgt Ion	55	Resp	54034
Ion Ratio	Lower	Upper	
55	100		
85	16.4	13.3	19.9
58	9.4	7.5	11.3
42	0.0	8.9	13.3#





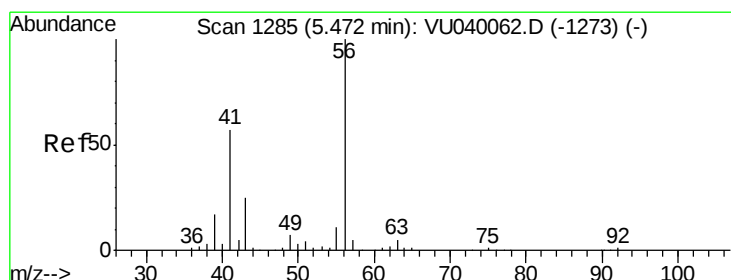
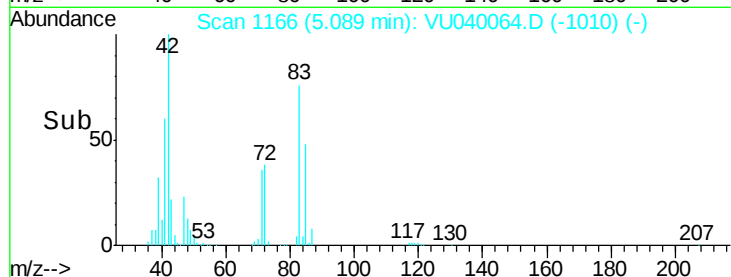
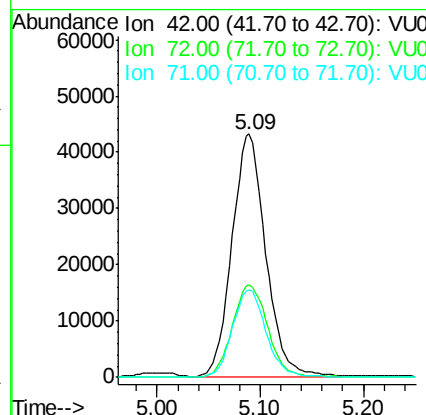
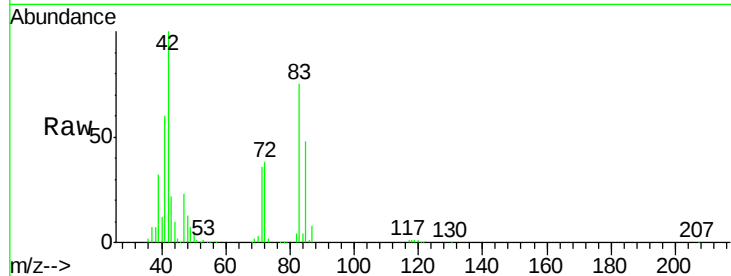
#41
Tetrahydrofuran
Concen: 48.994 ug/l
RT: 5.09 min Scan# 1166
Delta R.T. 0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampled :
ICVVU090920

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	33.8	50.6
71	35.8	30.9	46.3

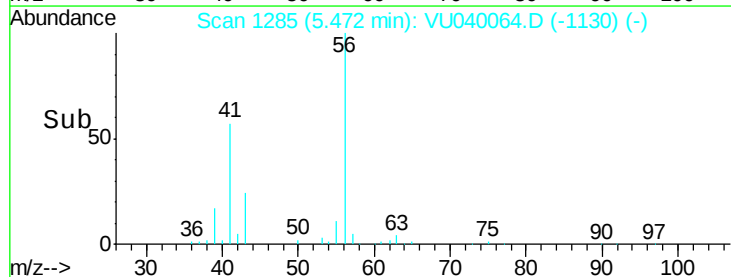
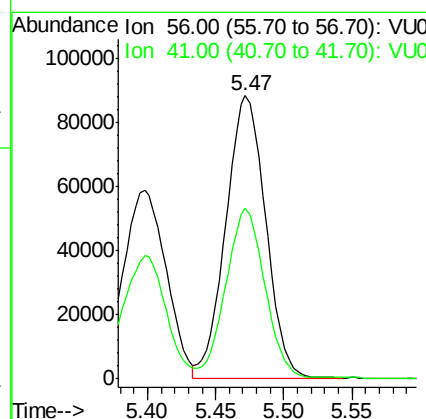
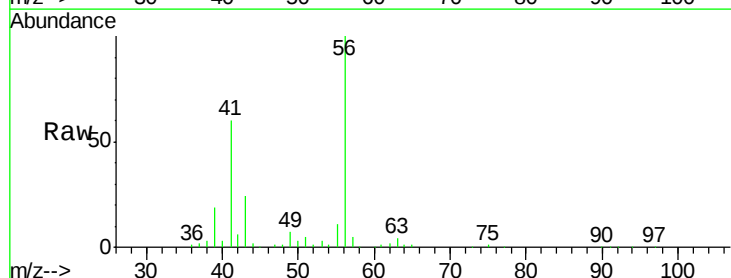
Manual Integrations
APPROVED

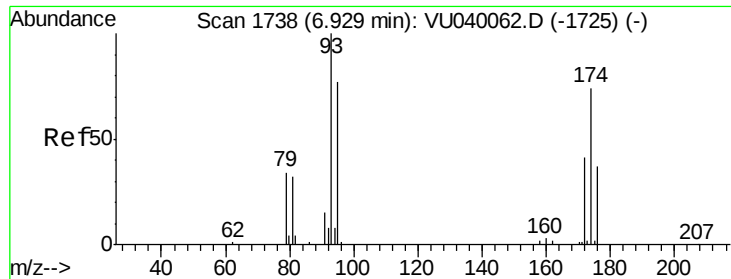
MMDadoda
9/17/2020 4:47:27 PM



#42
1-Chlorobutane
Concen: 10.675 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Lower	Upper
56	100		
41	57.9	29.2	87.6





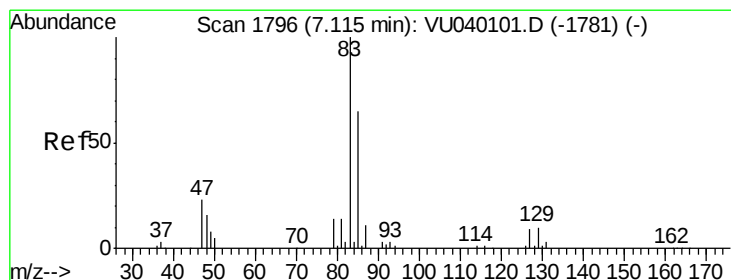
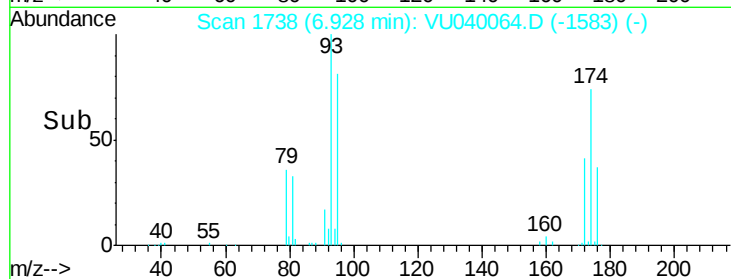
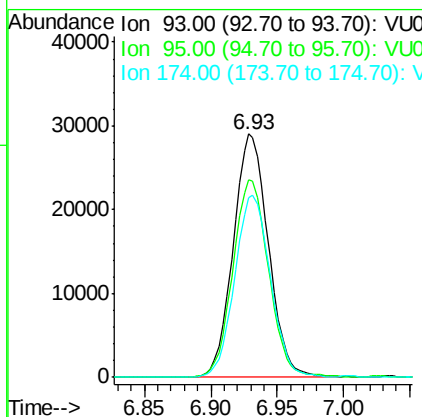
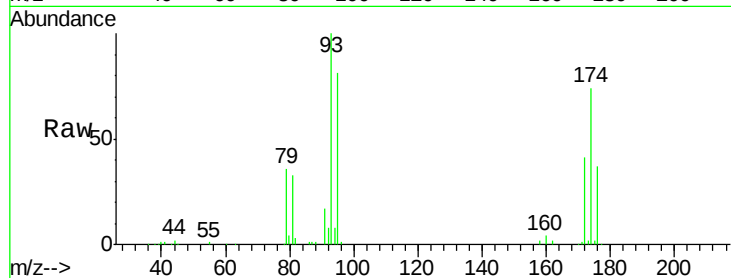
#43
Dibromomethane
Concen: 10.211 ug/l
RT: 6.93 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

Tot Ion:	93	Resp:	53467
Ion	Ratio	Lower	Upper
93	100		
95	82.8	63.3	94.9
174	76.0	63.5	95.3

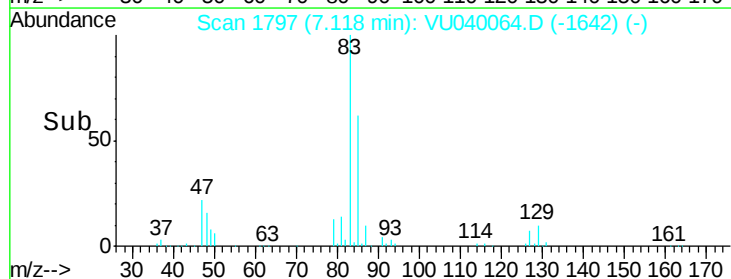
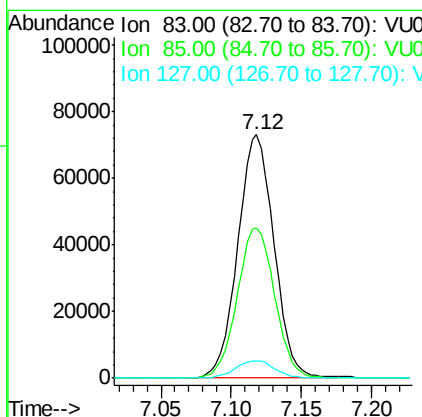
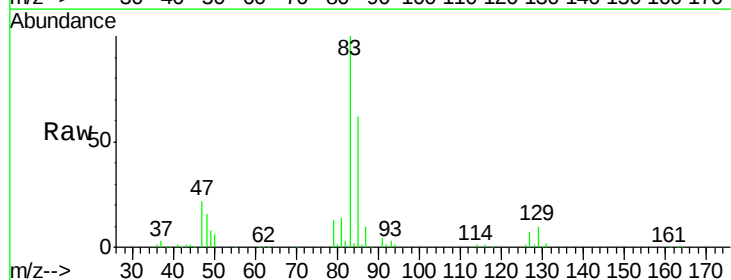
Manual Integrations
APPROVED

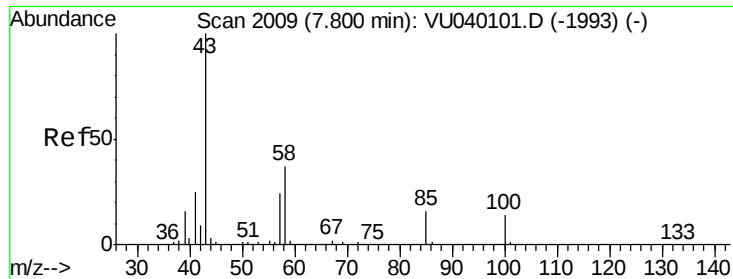
MMDadoda
9/17/2020 4:47:27 PM



#44
Bromodichloromethane
Concen: 10.483 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion:	83	Resp:	131768
Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.1	78.1
127	7.1	6.6	9.8





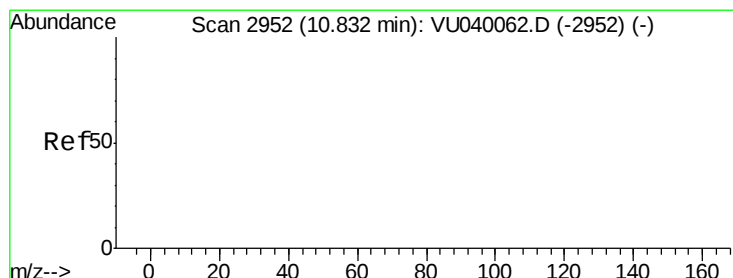
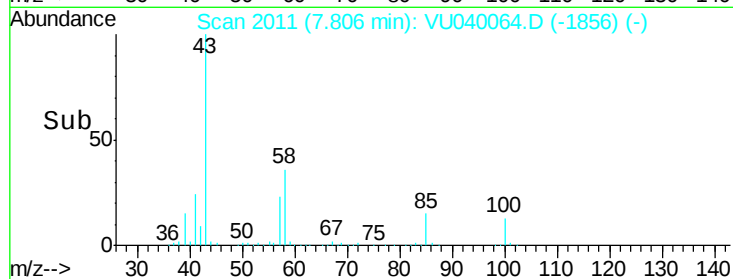
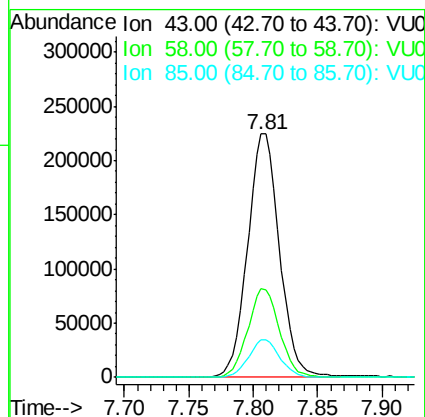
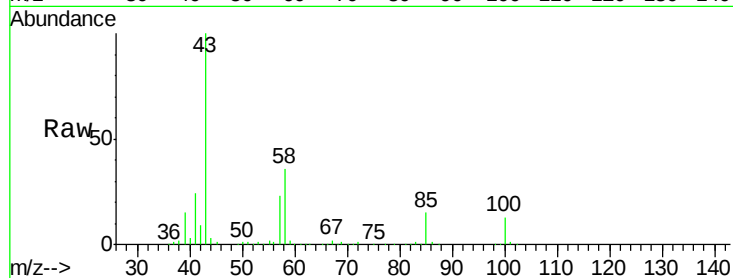
#45
4-Methyl-2-Pentanone
Concen: 54.171 ug/l
RT: 7.81 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampled :
ICVVU090920

Tot Ion:	43	Resp:	386417
Ion Ratio	Lower	Upper	
43	100		
58	36.2	18.1	54.3
85	15.5	12.3	18.5

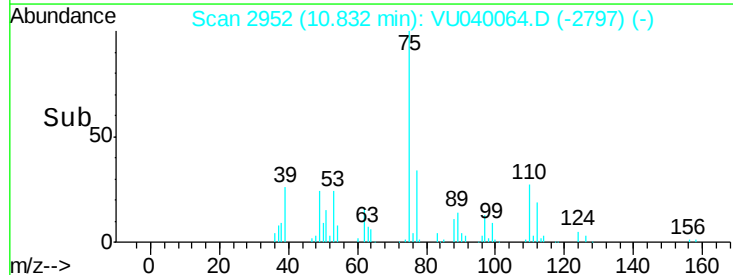
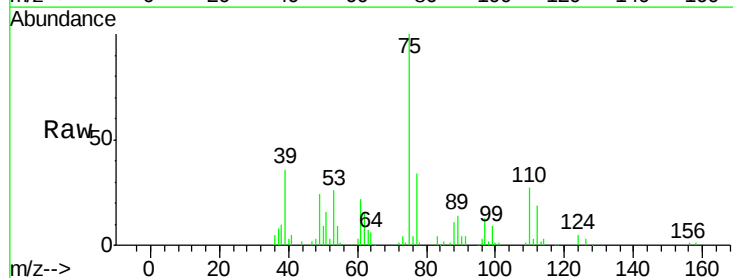
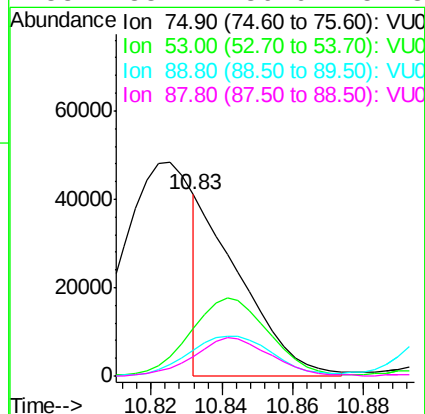
Manual Integrations
APPROVED

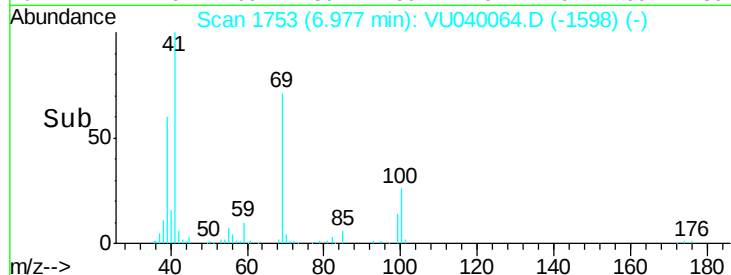
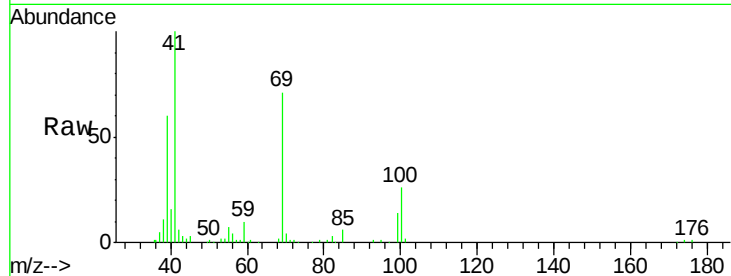
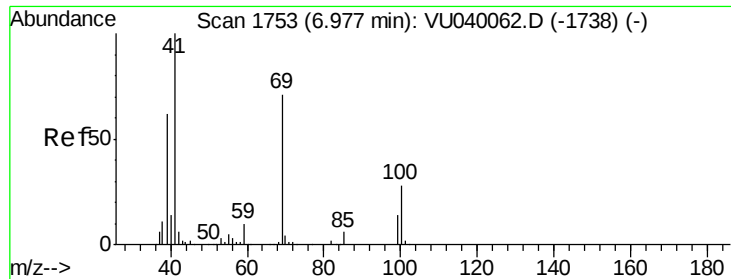
MMDadoda
9/17/2020 4:47:27 PM



#46
t-1,4-Dichloro-2-butene
Concen: 12.689 ug/l m
RT: 10.83 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion:	75	Resp:	34629
Ion Ratio	Lower	Upper	
75	100		
53	79.5	75.0	112.6
89	43.4	41.6	62.4
88	38.1	36.6	54.8





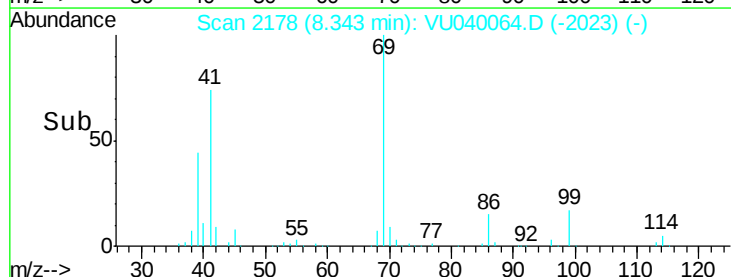
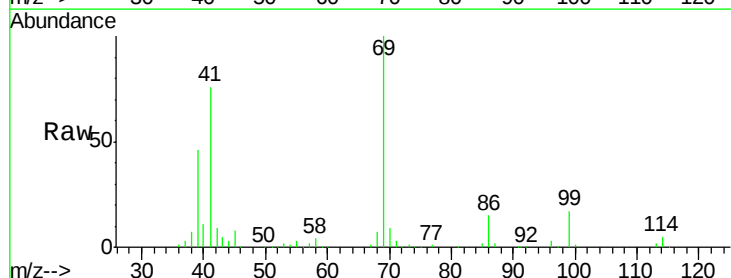
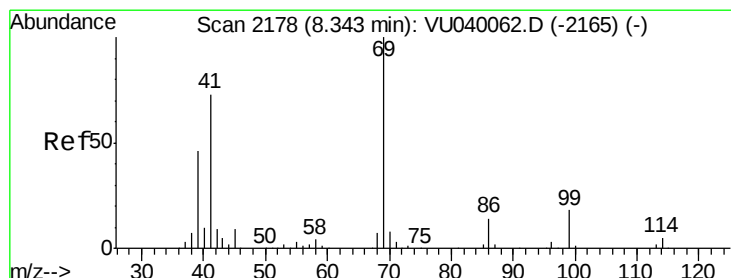
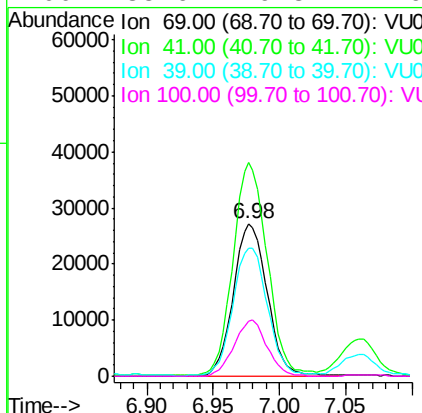
#47
Methyl methacrylate
Concen: 10.786 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100		48412		
41	140.1	0.0	273.0		
39	85.8	67.8	101.6		
100	35.6	29.8	44.6		

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

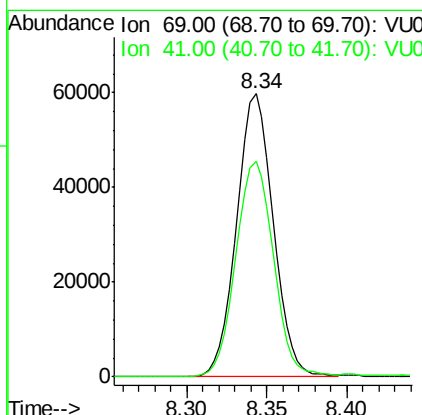
Manual Integrations
APPROVED

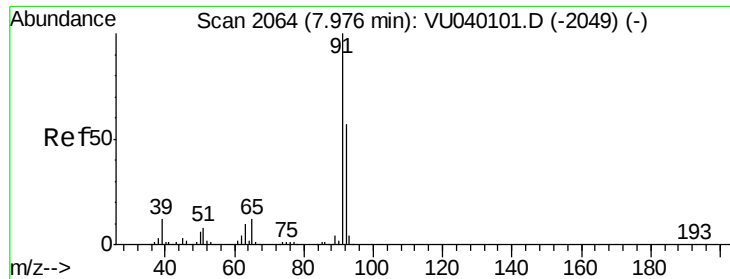
MMDadoda
9/17/2020 4:47:27 PM



#48
Ethyl methacrylate
Concen: 11.429 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		93214		
41	77.9	37.8	113.3		





#49

Toluene

Concen: 11.235 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

Tot Ion: 92 Resp: 212504

Ion Ratio Lower Upper

92 100

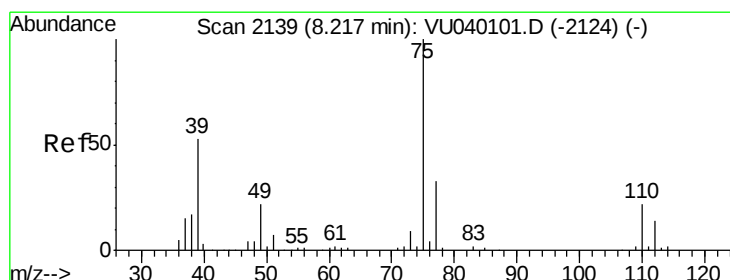
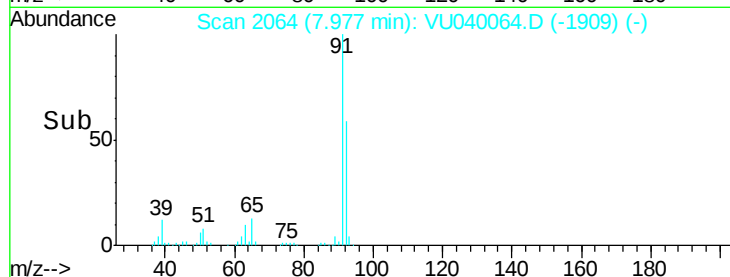
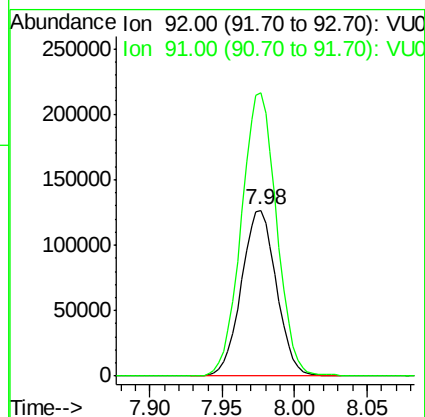
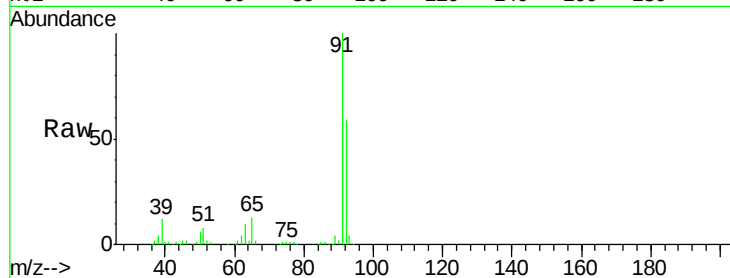
91 172.4 138.6 207.8

Manual Integrations

APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#50

t-1,3-Dichloropropene

Concen: 11.197 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040064.D

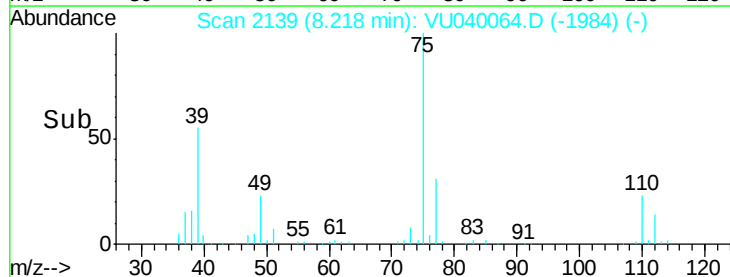
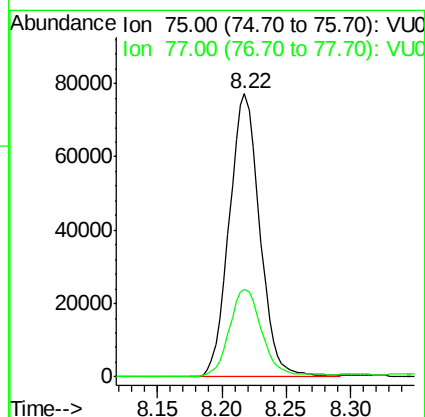
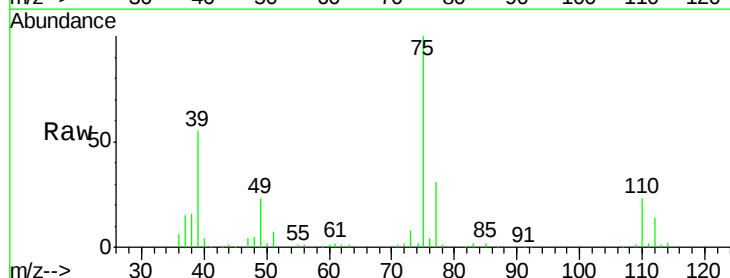
Acq: 09 Sep 2020 13:57

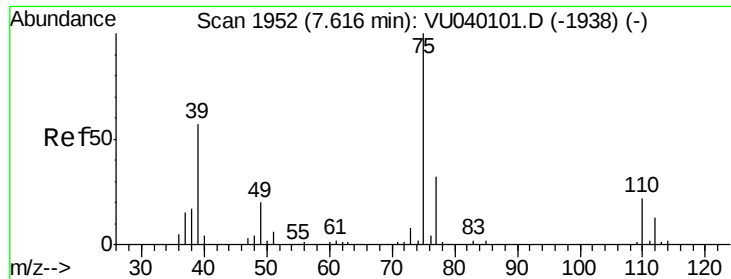
Tgt Ion: 75 Resp: 126950

Ion Ratio Lower Upper

75 100

77 31.1 24.4 36.6





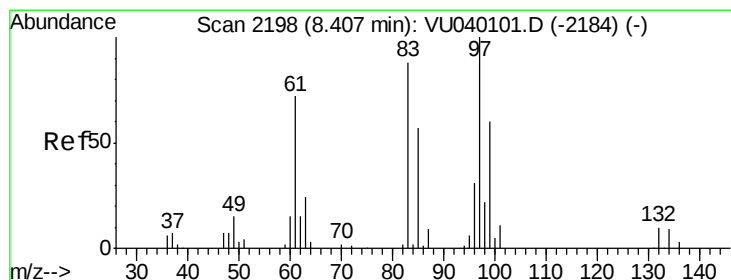
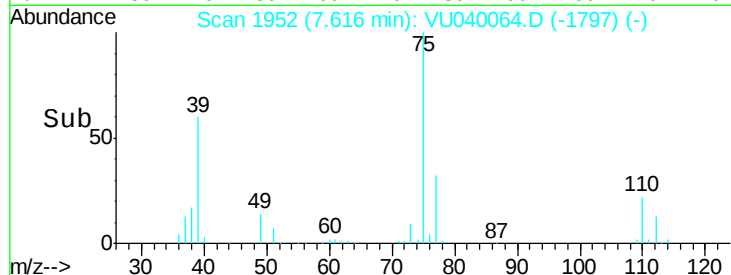
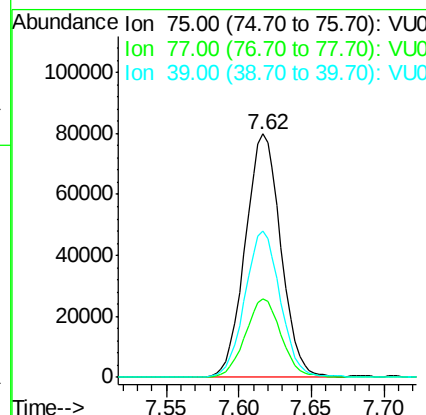
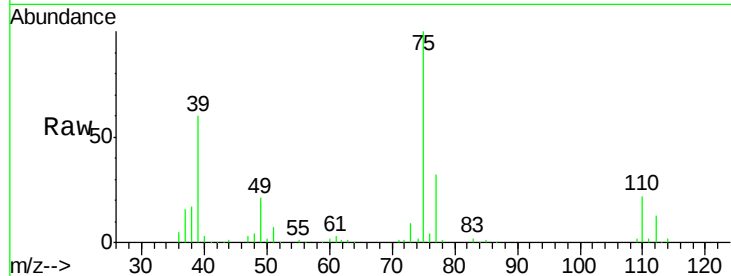
#51
 cis-1,3-Dichloropropene
 Concen: 10.808 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Instrument :
 MSVOA_U
 ClientSampled :
 ICVVU090920

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
77	32.0		24.6	37.0
39	59.9		46.2	69.4

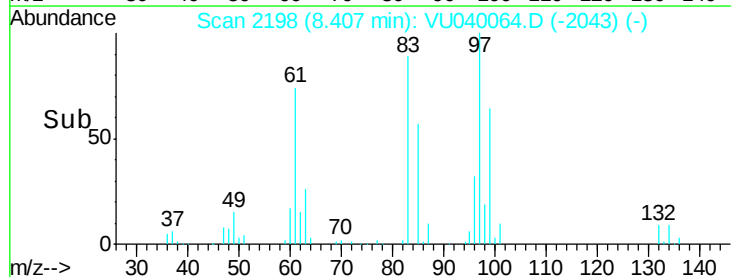
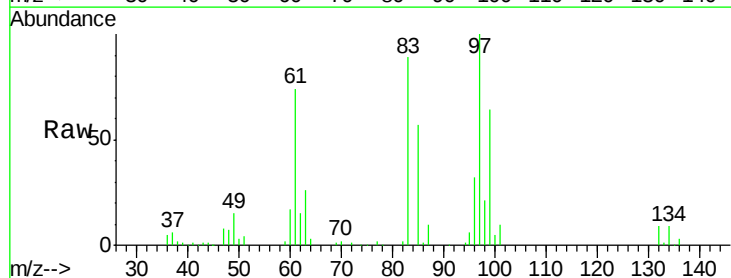
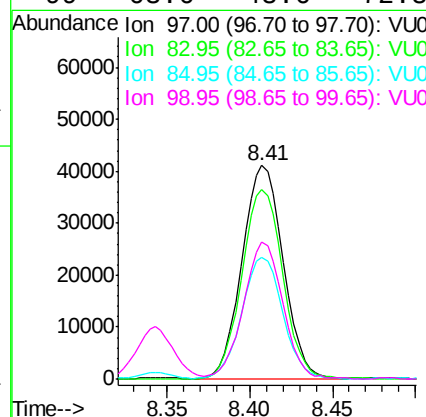
Manual Integrations
 APPROVED

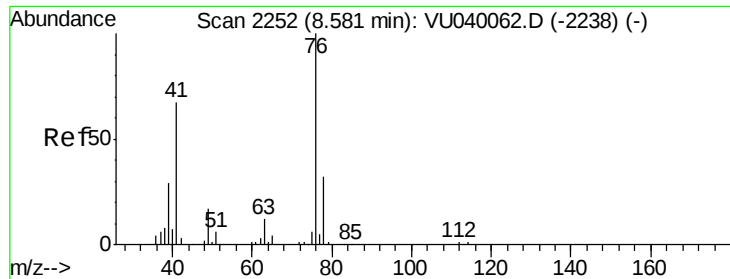
MMDadoda
 9/17/2020 4:47:27 PM



#52
 1,1,2-Trichloroethane
 Concen: 10.565 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
83	88.5		68.7	103.1
85	56.9		46.7	70.1
99	63.6		48.6	72.8





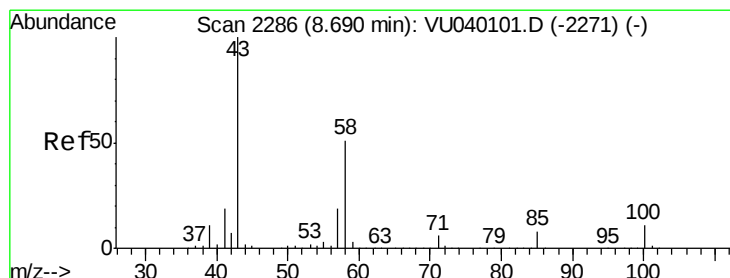
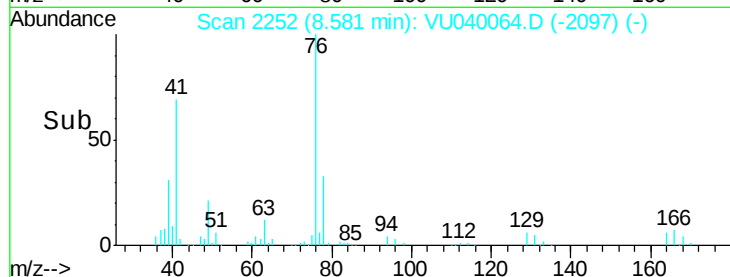
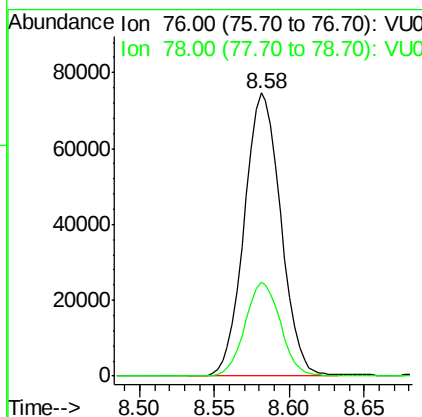
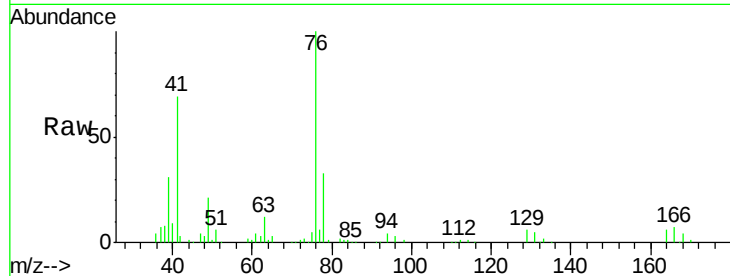
#53
 1,3-Dichloropropane
 Concen: 10.545 ug/l
 RT: 8.58 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2

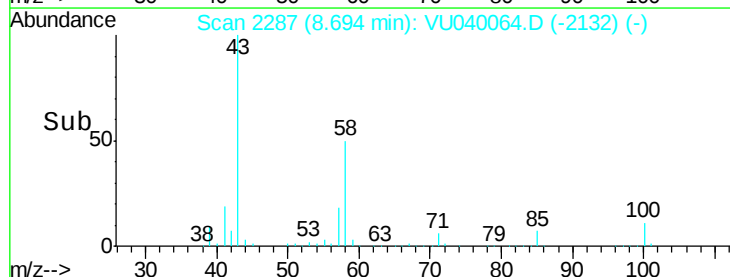
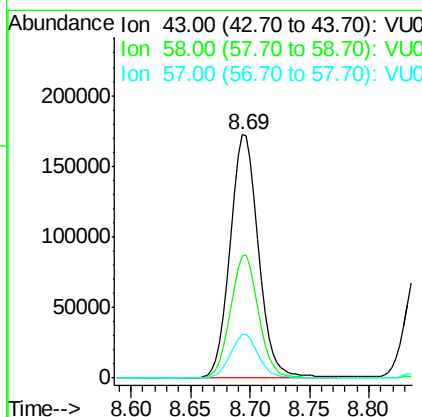
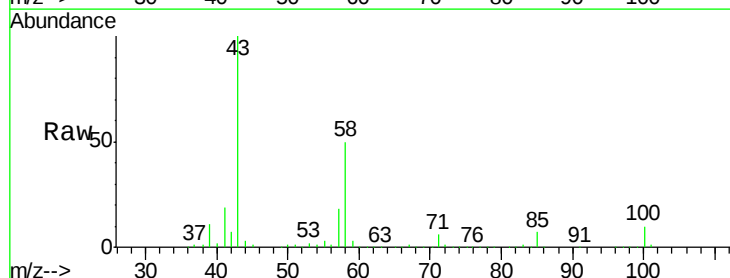
Manual Integrations
 APPROVED

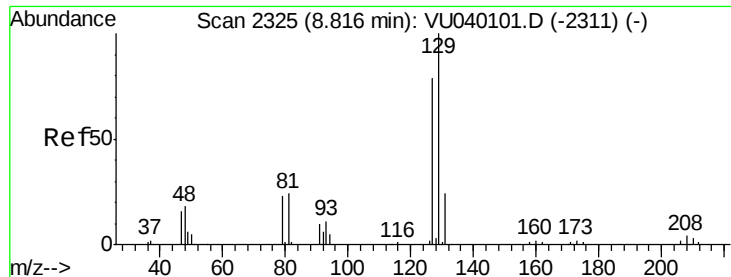
MMDadoda
 9/17/2020 4:47:27 PM



#54
 2-Hexanone
 Concen: 55.235 ug/l
 RT: 8.69 min Scan# 2287
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.8	29.6	69.6
57	17.7	0.0	37.8





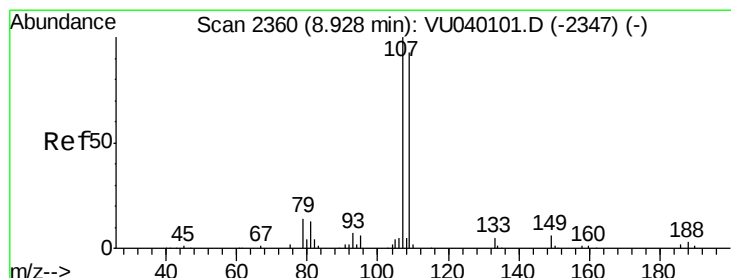
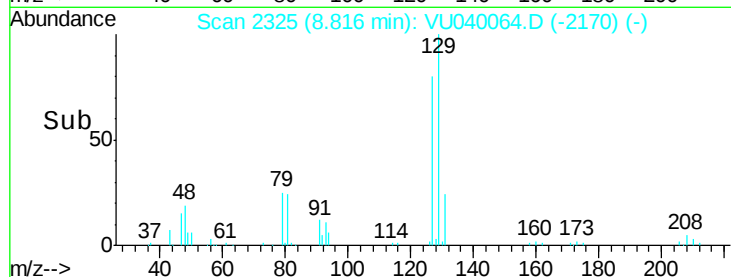
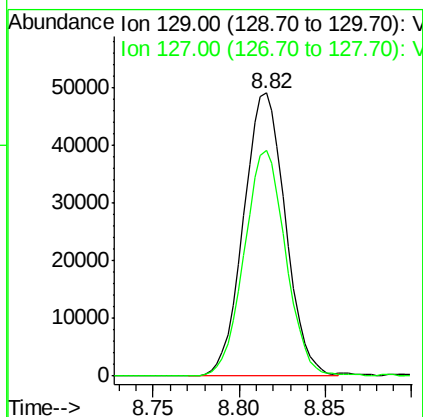
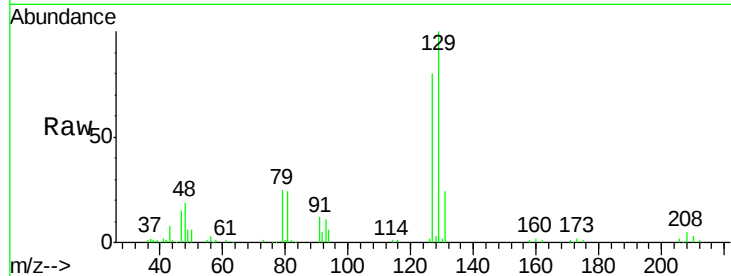
#55
Dibromochloromethane
Concen: 10.601 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

Tot Ion:129 Resp: 82978
Ion Ratio Lower Upper
129 100
127 79.2 62.7 94.1

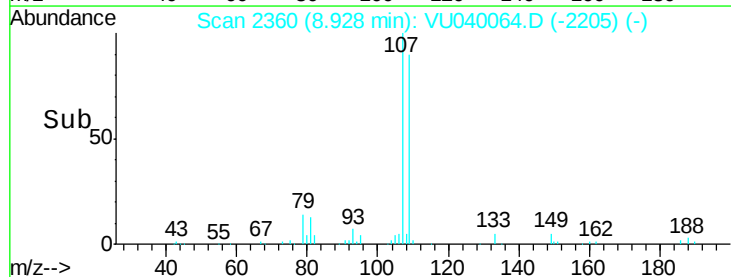
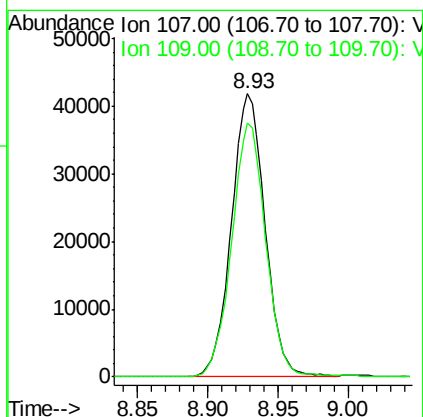
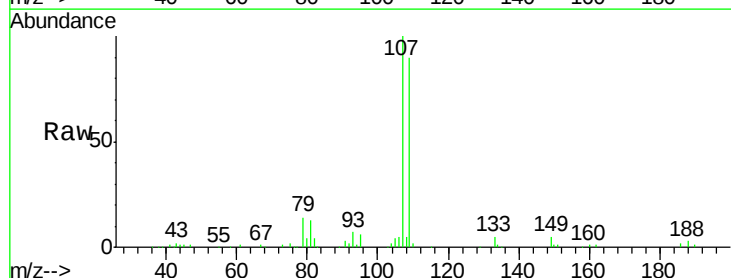
Manual Integrations
APPROVED

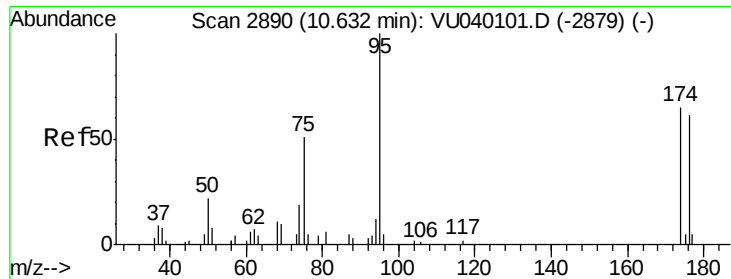
MMDadoda
9/17/2020 4:47:27 PM



#56
1,2-Dibromoethane
Concen: 11.155 ug/l
RT: 8.93 min Scan# 2360
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion:107 Resp: 69884
Ion Ratio Lower Upper
107 100
109 90.5 0.0 191.0





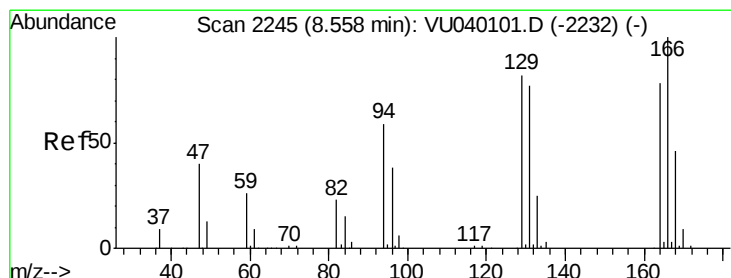
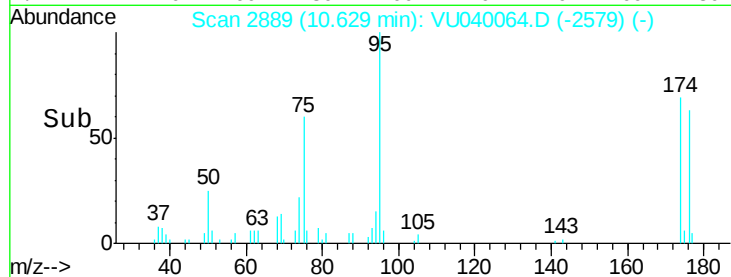
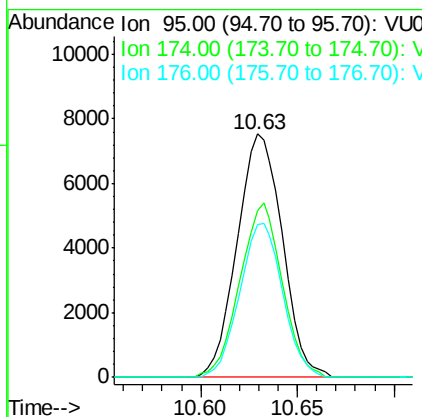
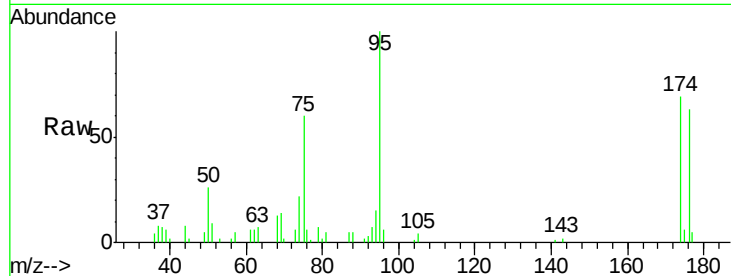
#57
4-Bromofluorobenzene
Concen: 1.019 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampled :
ICVVU090920

Tot Ion	Ratio	Resp	Lower	Upper
95	100	12215		
174	67.2	49.4	74.0	
176	60.1	50.1	75.1	

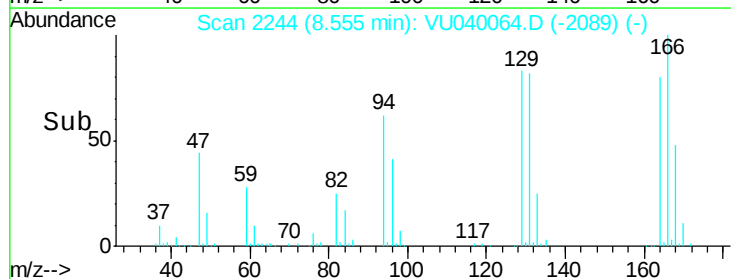
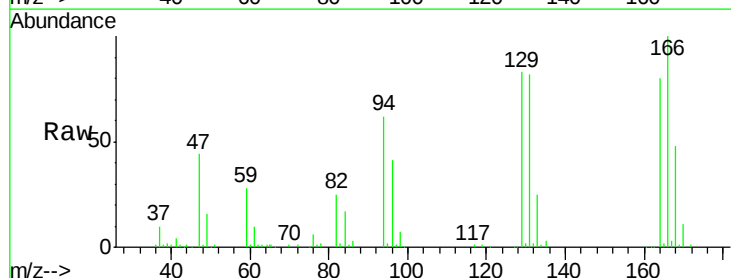
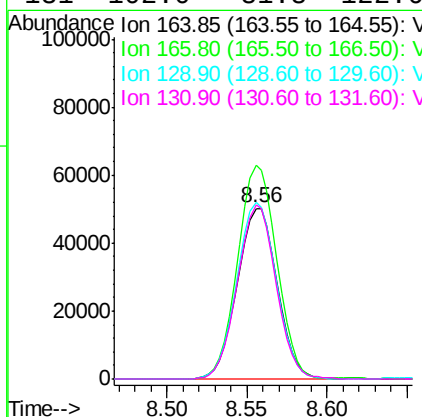
Manual Integrations
APPROVED

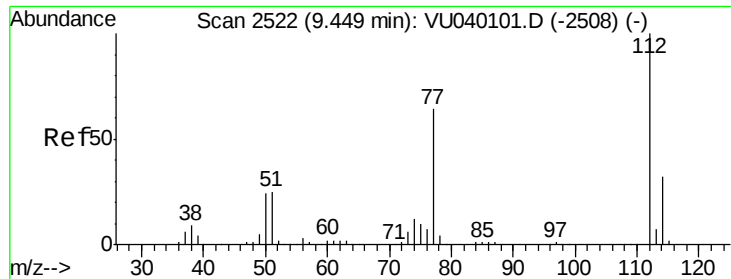
MMDadoda
9/17/2020 4:47:27 PM



#58
Tetrachloroethene
Concen: 11.057 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	85386		
166	125.1	101.3	151.9	
129	103.7	84.8	127.2	
131	102.0	81.8	122.6	





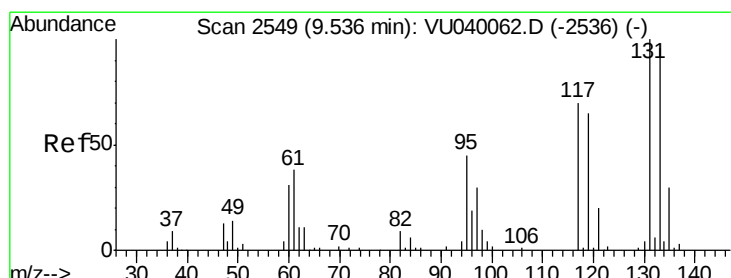
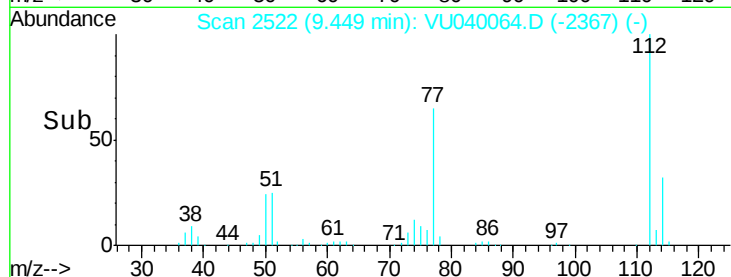
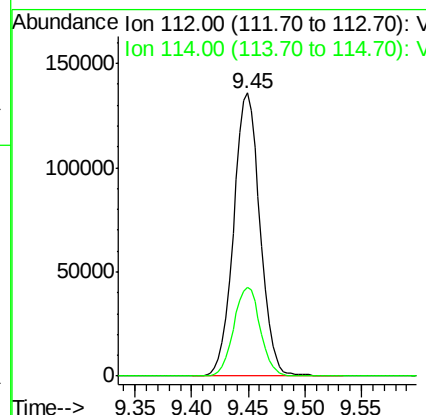
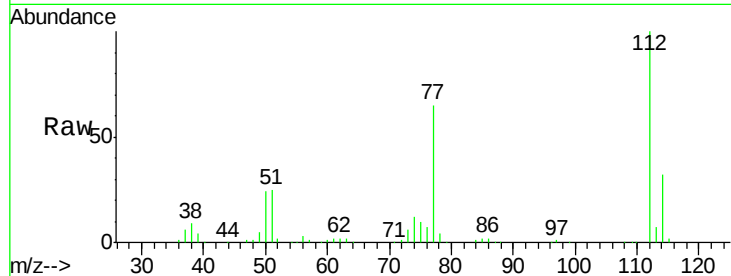
#59
Chlorobenzene
Concen: 10.527 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	24.8	37.2

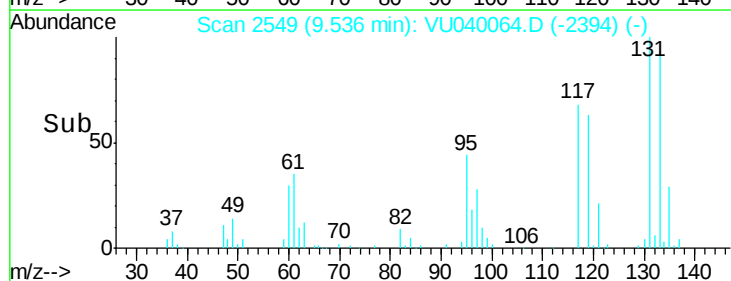
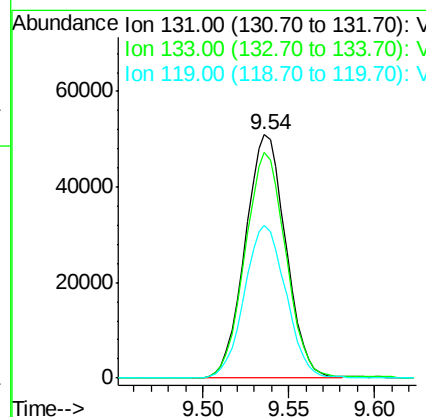
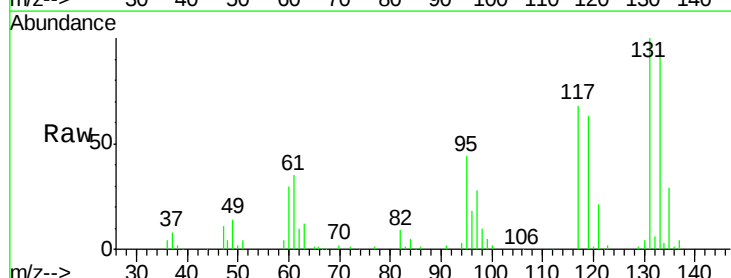
Manual Integrations
APPROVED

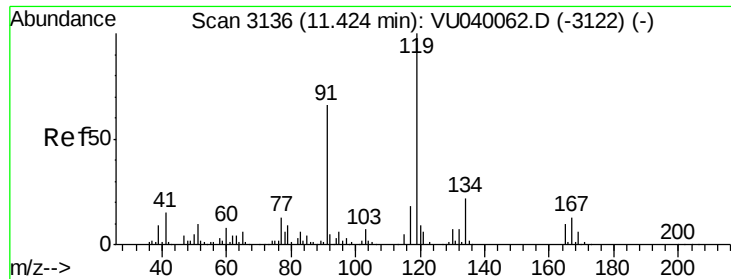
MMDadoda
9/17/2020 4:47:27 PM



#60
1,1,1,2-Tetrachloroethane
Concen: 10.900 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.1	75.4	113.2
119	64.0	51.5	77.3





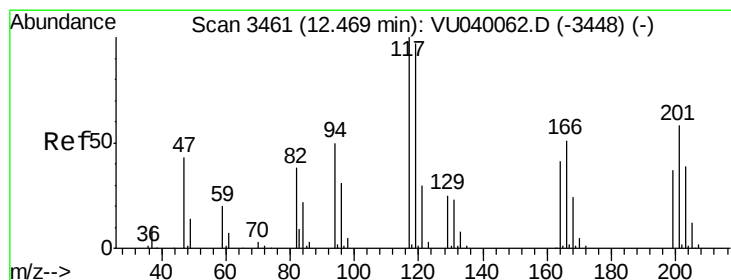
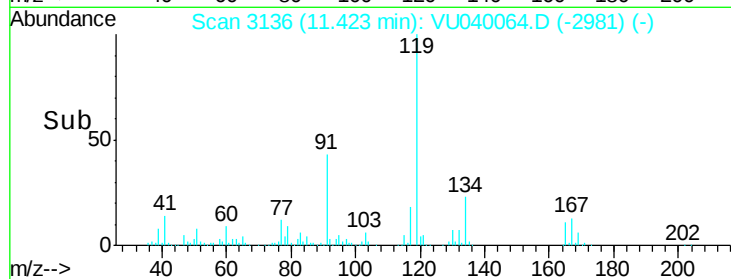
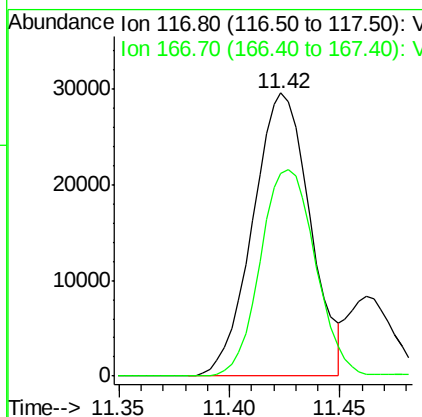
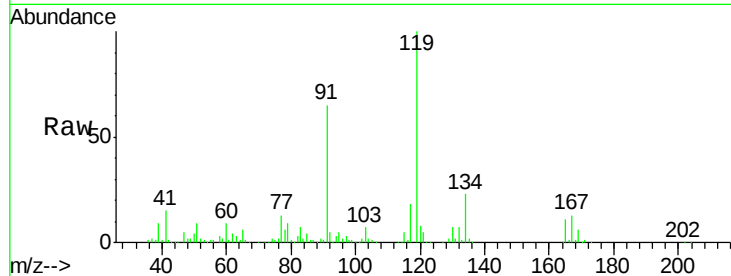
#61
 Pentachloroethane
 Concen: 10.136 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

Tot Ion:117 Resp: 53087
 Ion Ratio Lower Upper
 117 100
 167 70.2 54.5 81.7

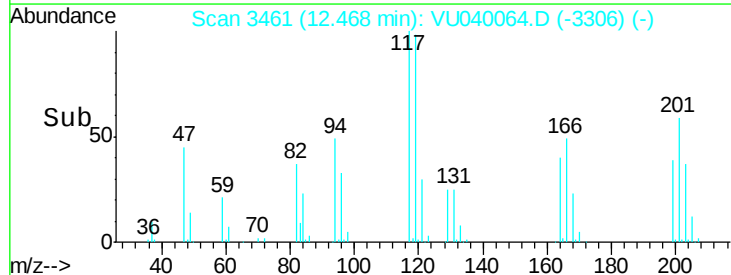
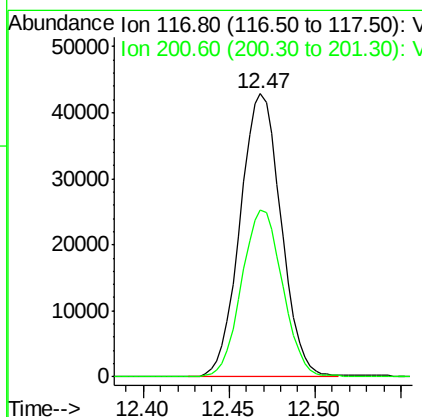
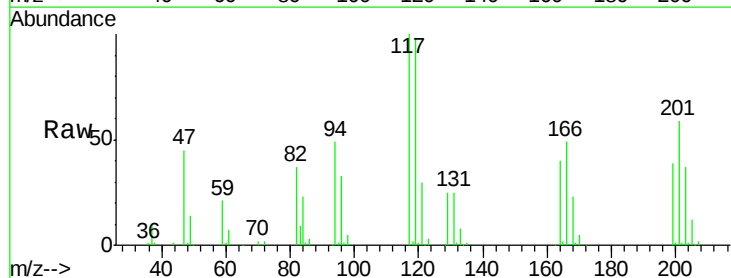
Manual Integrations
 APPROVED

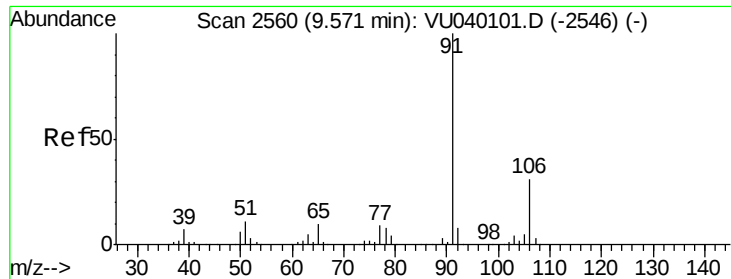
MMDadoda
 9/17/2020 4:47:27 PM



#62
 Hexachloroethane
 Concen: 10.642 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion:117 Resp: 70836
 Ion Ratio Lower Upper
 117 100
 201 59.0 47.0 70.4





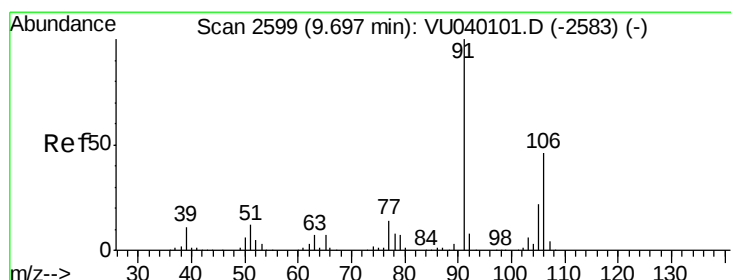
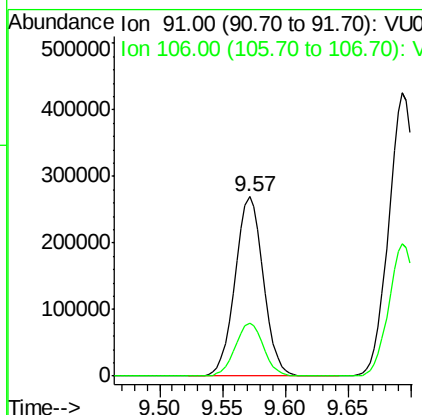
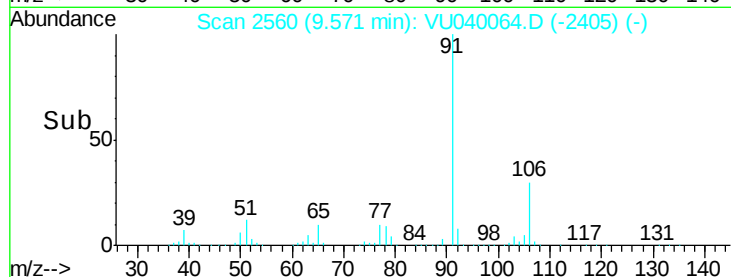
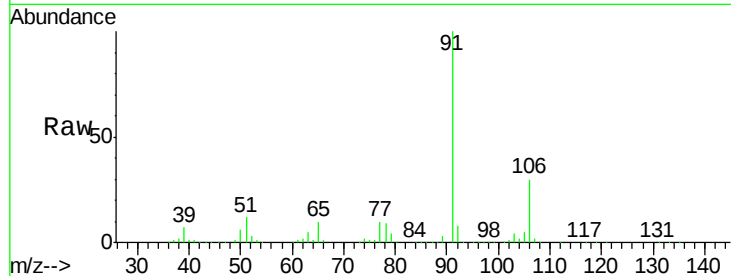
#63
Ethyl Benzene
Concen: 11.816 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampled :
ICVVU090920

Tot Ion: 91 Resp: 422900
Ion Ratio Lower Upper
91 100
106 29.6 23.8 35.8

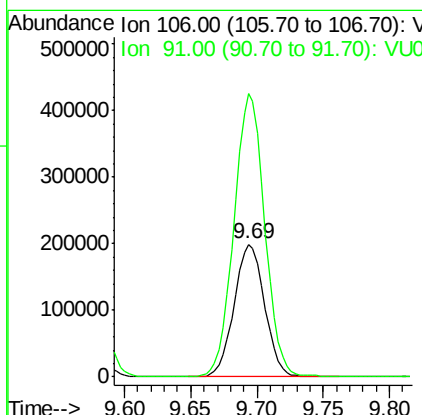
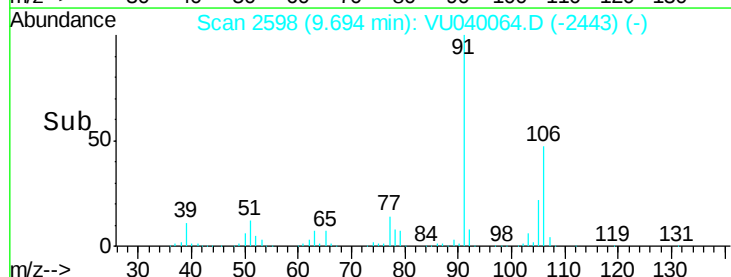
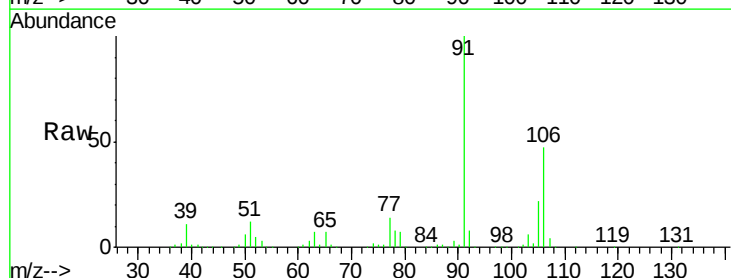
Manual Integrations
APPROVED

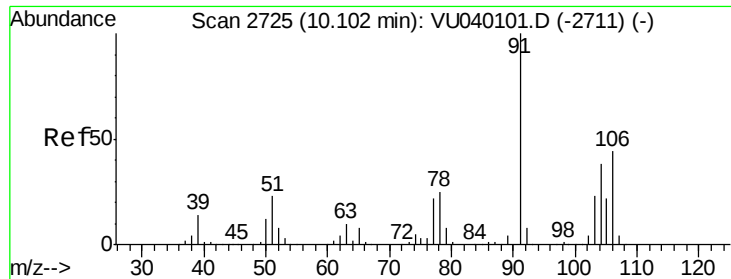
MMDadoda
9/17/2020 4:47:27 PM



#64
m/p-Xylenes
Concen: 23.872 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion: 106 Resp: 319224
Ion Ratio Lower Upper
106 100
91 213.5 171.4 257.2





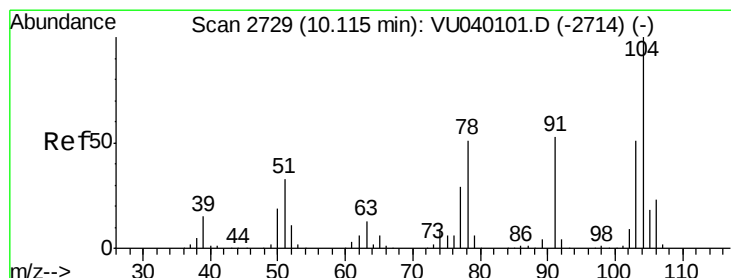
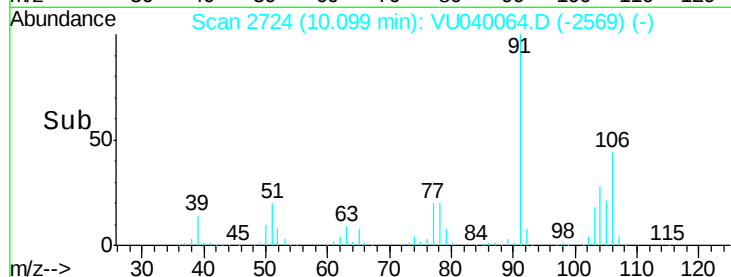
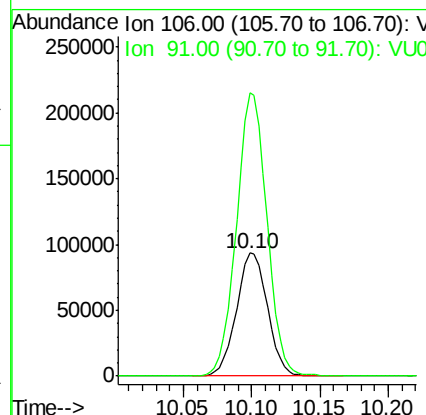
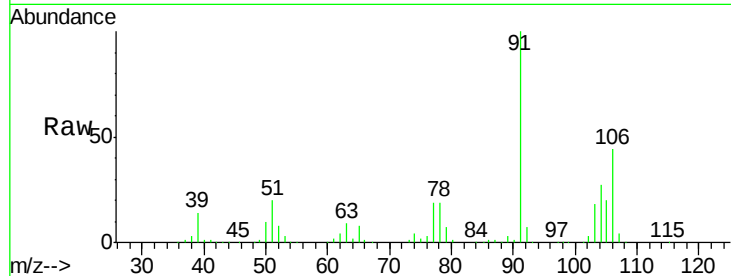
#65
o-Xylene
Concen: 11.492 ug/l
RT: 10.10 min Scan# 2724
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	225.8	114.2	342.6		

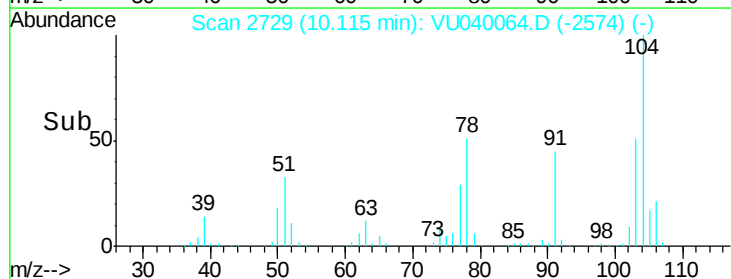
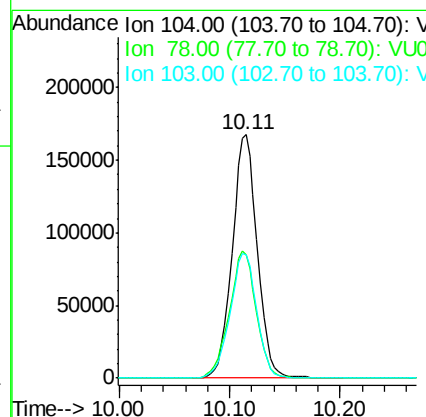
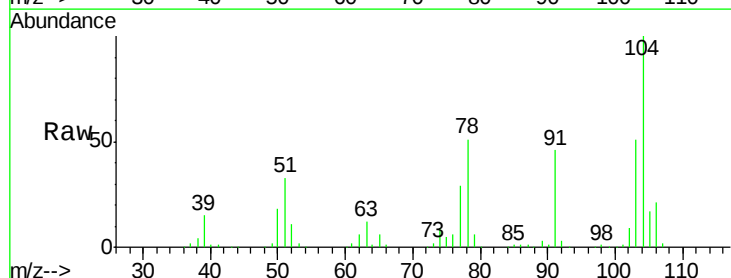
Manual Integrations
APPROVED

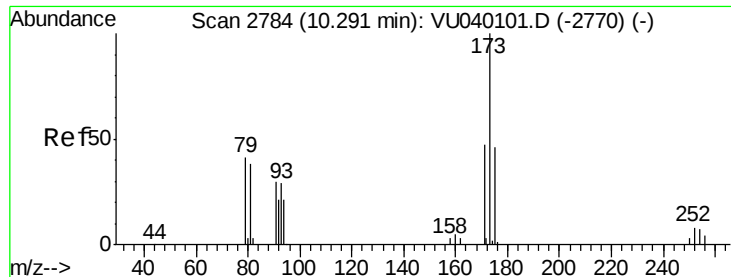
MMDadoda
9/17/2020 4:47:27 PM



#66
Styrene
Concen: 11.606 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	56.2	43.9	65.9		
103	54.7	43.7	65.5		





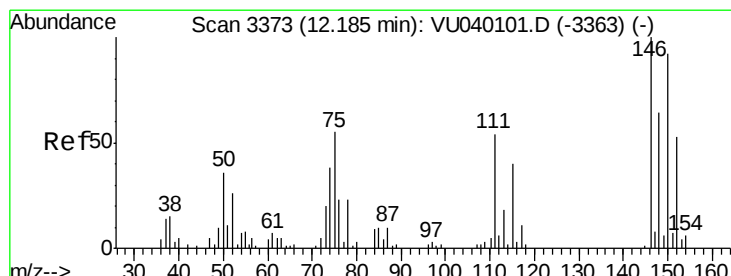
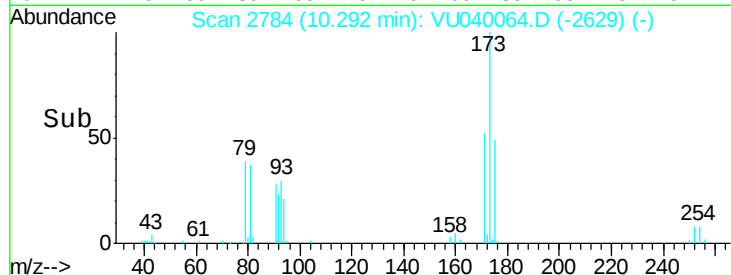
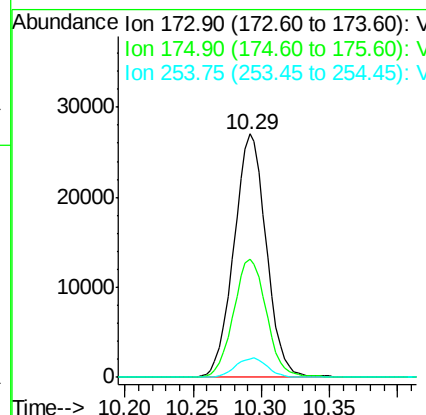
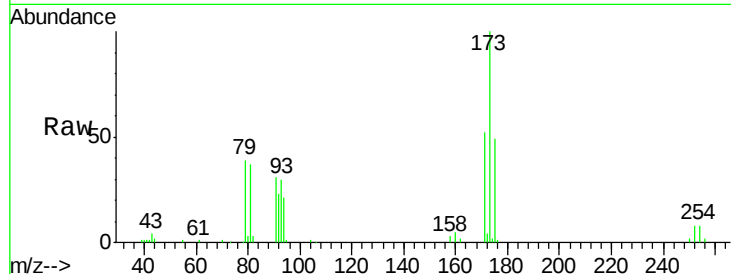
#67
Bromoform
Concen: 11.043 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampled :
ICVVU090920

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	38.0	57.0
254	7.7	5.8	8.8

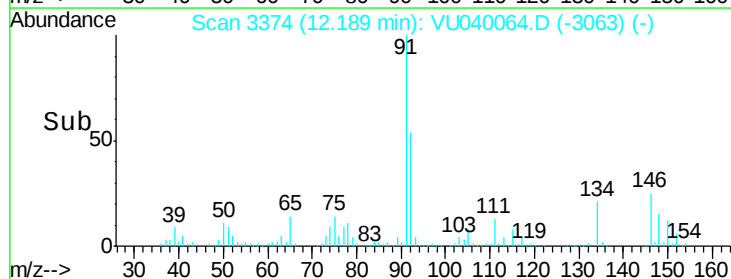
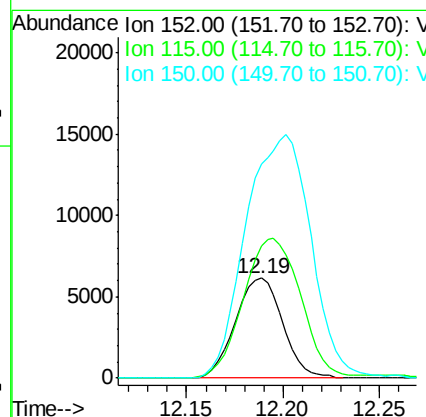
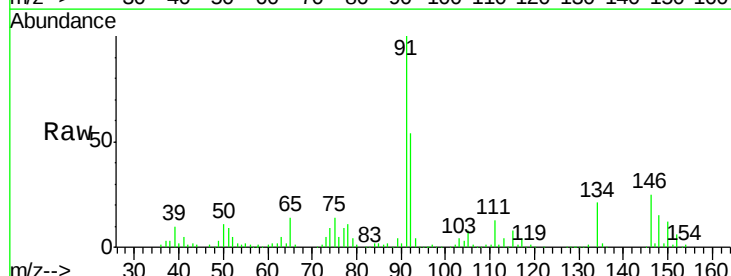
Manual Integrations
APPROVED

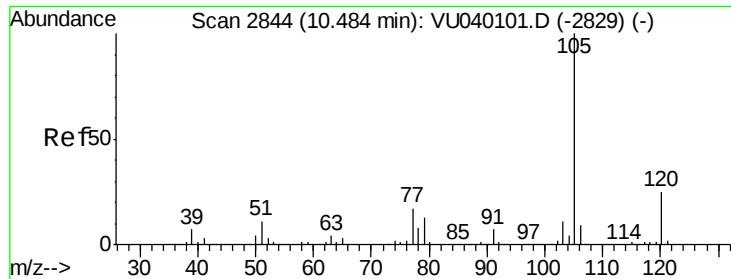
MMDadoda
9/17/2020 4:47:27 PM



#68
1,2-Dichlorobenzene-d4
Concen: 0.954 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	169.0	0.0	309.0
150	334.3	0.0	658.2





#69

Isopropylbenzene

Concen: 11.693 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampled :

ICVVU090920

Tot Ion: 105 Resp: 415444

Ion Ratio Lower Upper

105 100

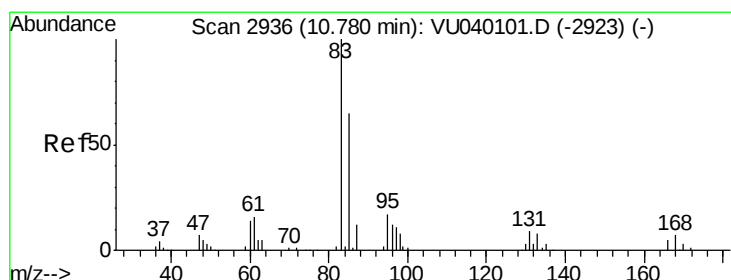
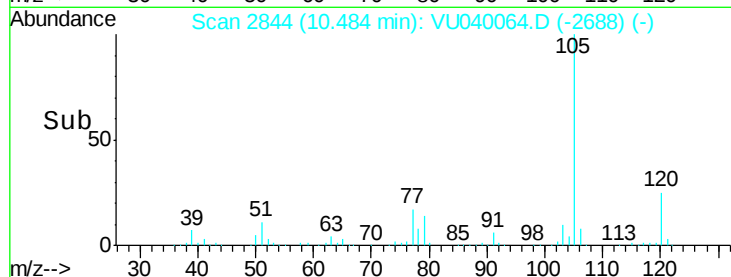
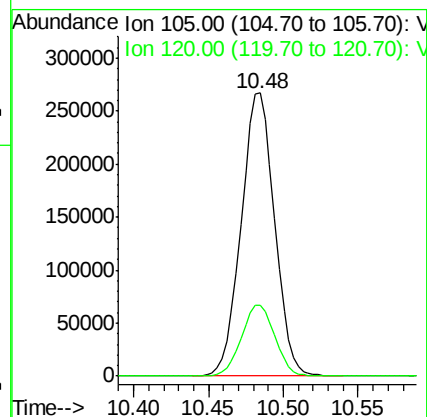
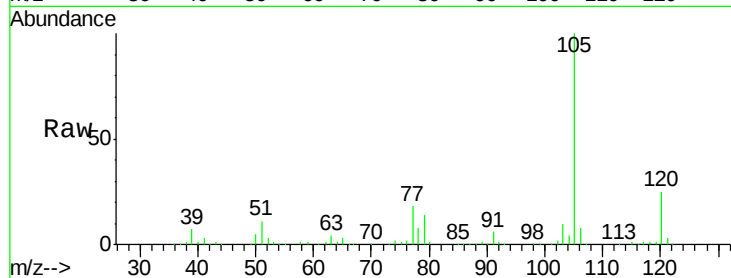
120 25.2 12.4 37.4

Manual Integrations

APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#70

1,1,2,2-Tetrachloroethane

Concen: 10.079 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

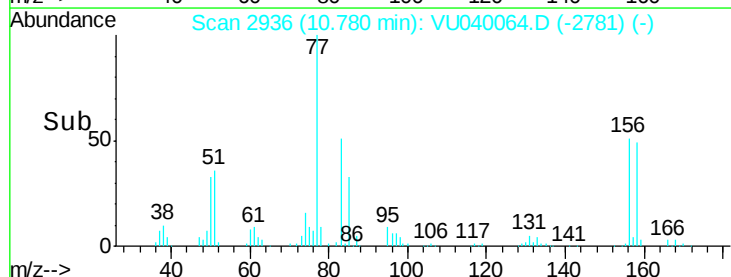
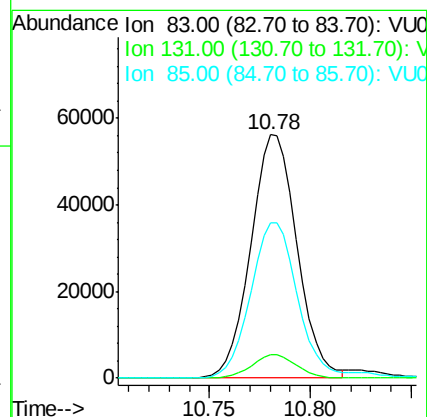
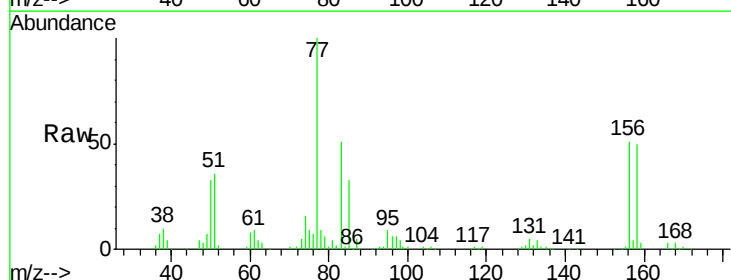
Tgt Ion: 83 Resp: 90390

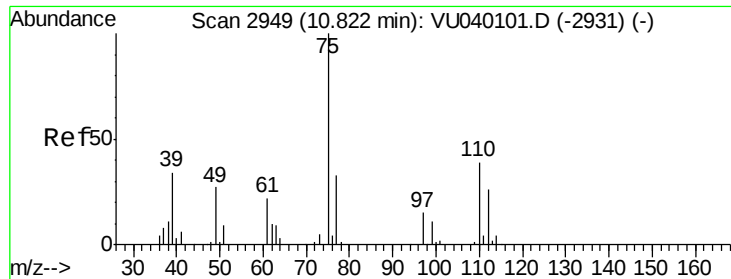
Ion Ratio Lower Upper

83 100

131 9.4 7.5 11.3

85 66.5 49.7 74.5





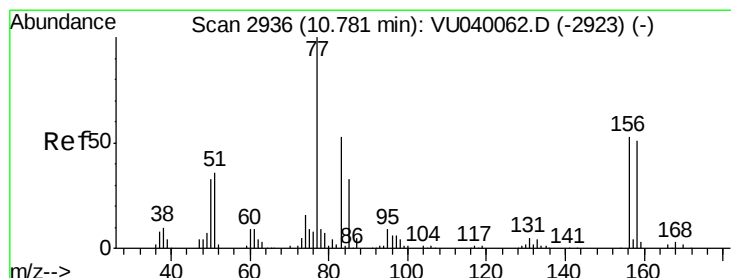
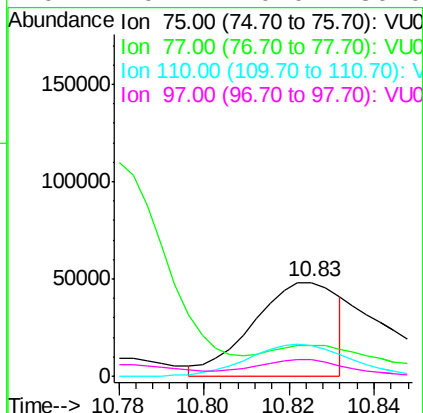
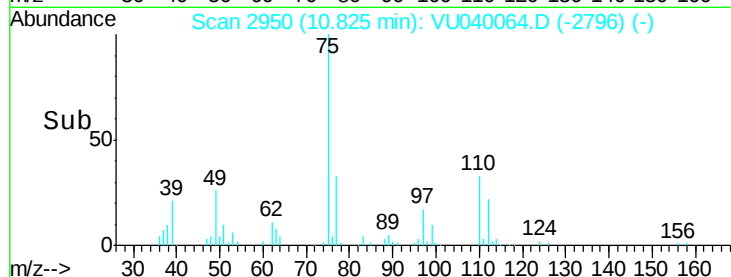
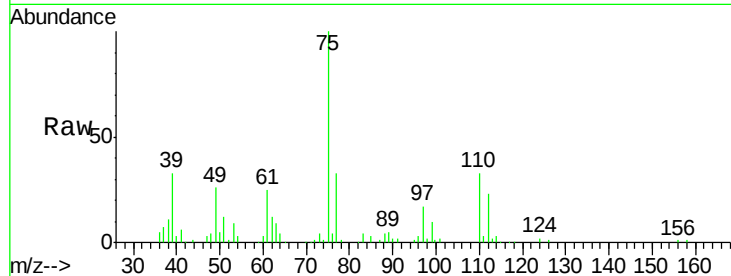
#71
1,2,3-Trichloropropane
Concen: 9.544 ug/l m
RT: 10.83 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampled :
ICVVU090920

Tot Ion:	75	Resp:	66461
Ion Ratio	Lower	Upper	
75	100		
77	46.8	0.0	111.4
110	41.3	0.0	70.8
97	19.7	0.0	36.0

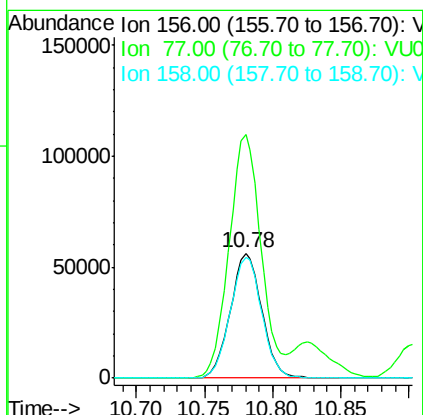
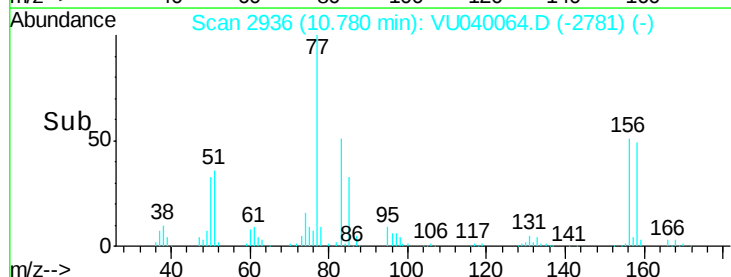
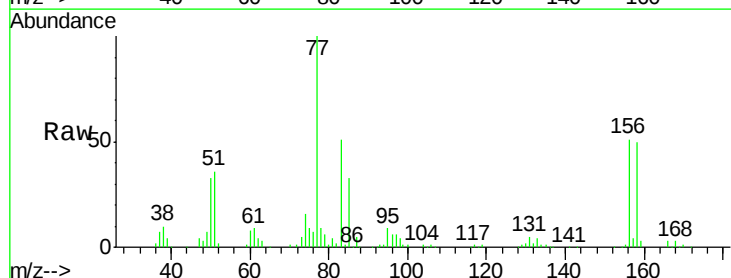
Manual Integrations
APPROVED

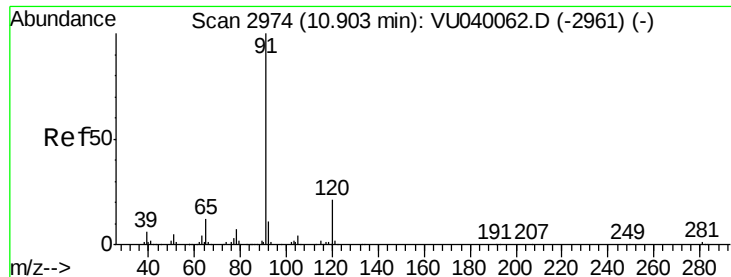
MMDadoda
9/17/2020 4:47:27 PM



#72
Bromobenzene
Concen: 10.897 ug/l
RT: 10.78 min Scan# 2936
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion:	156	Resp:	90318
Ion Ratio	Lower	Upper	
156	100		
77	197.9	0.0	383.6
158	96.9	0.0	195.0





#73

n-propylbenzene

Concen: 11.249 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampled :

ICVVU090920

Tot Ion:120 Resp: 109885

Ion Ratio Lower Upper

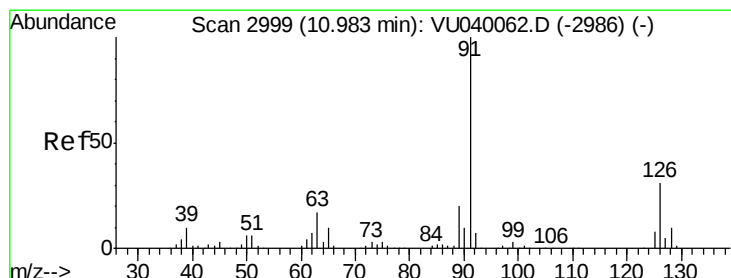
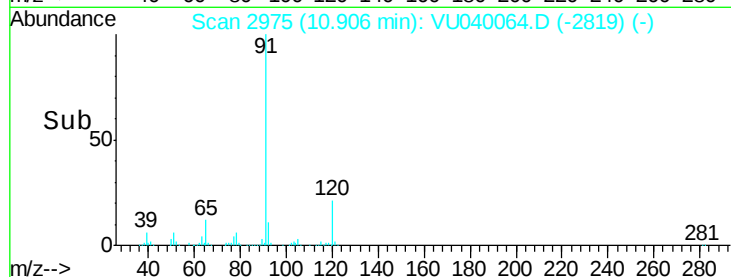
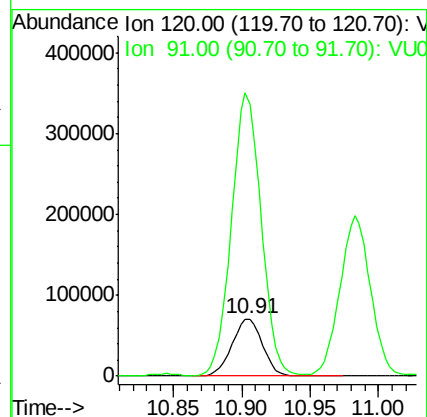
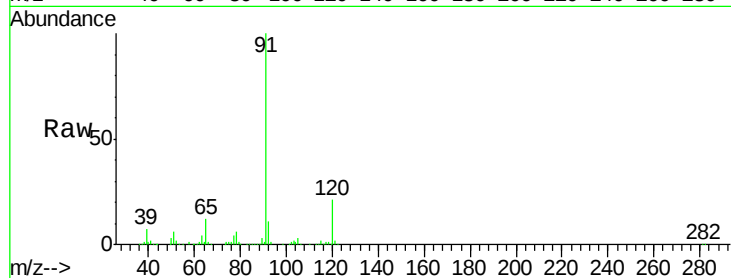
120 100

91 480.2 380.4 570.6

Manual Integrations
APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#74

2-Chlorotoluene

Concen: 10.897 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040064.D

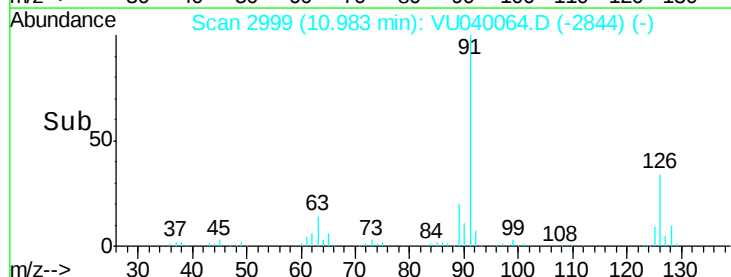
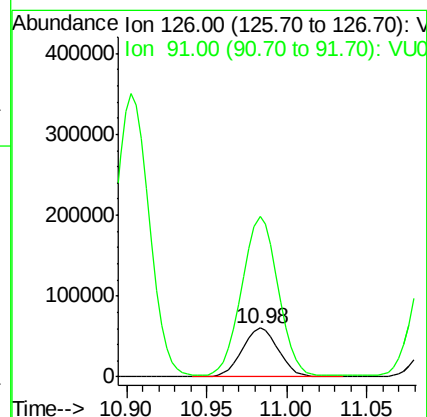
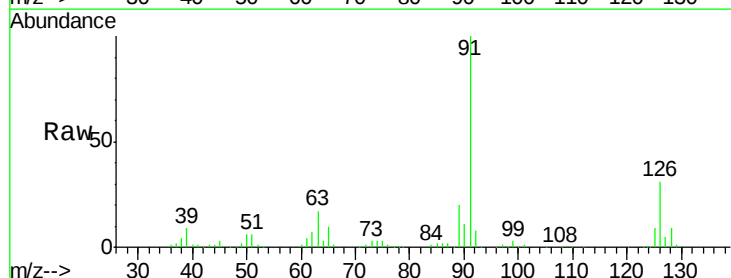
Acq: 09 Sep 2020 13:57

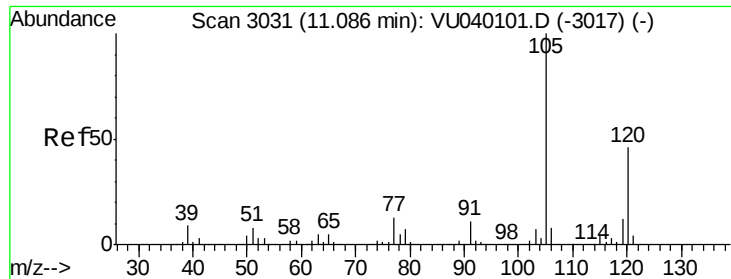
Tgt Ion:126 Resp: 93003

Ion Ratio Lower Upper

126 100

91 326.2 0.0 649.6





#75

1,3,5-Trimethylbenzene

Concen: 12.015 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampled :

ICVVU090920

Tot Ion:105 Resp: 373868

Ion Ratio Lower Upper

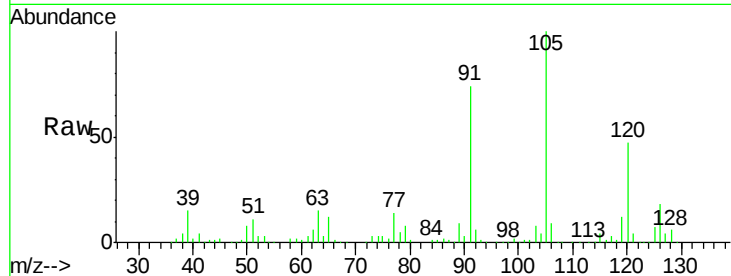
105 100

120 46.3 36.6 55.0

Manual Integrations
APPROVED

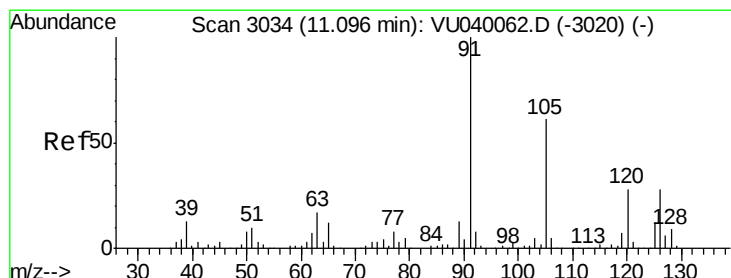
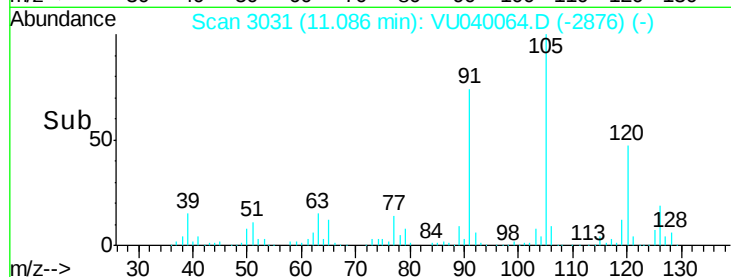
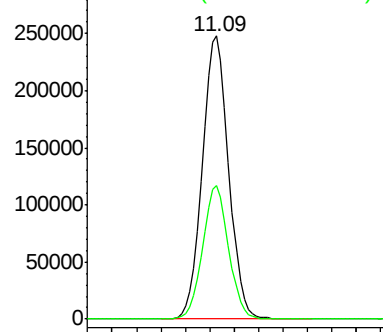
MMDadoda

9/17/2020 4:47:27 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

4-Chlorotoluene

Concen: 10.979 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040064.D

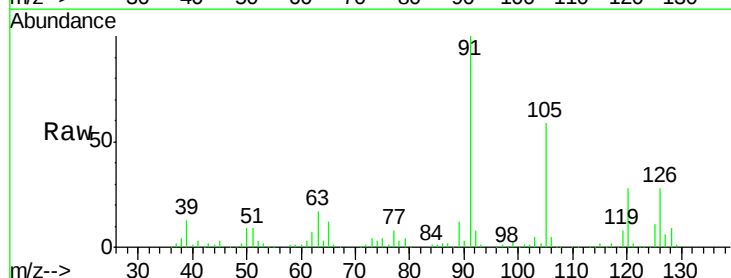
Acq: 09 Sep 2020 13:57

Tgt Ion:126 Resp: 101046

Ion Ratio Lower Upper

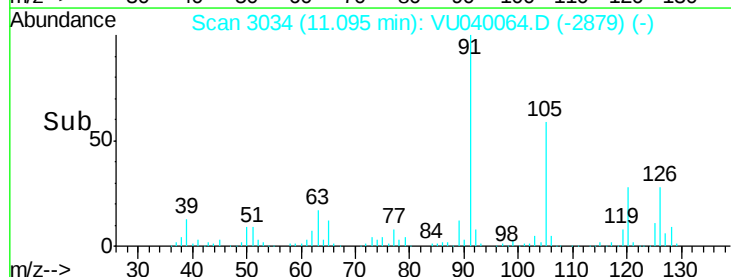
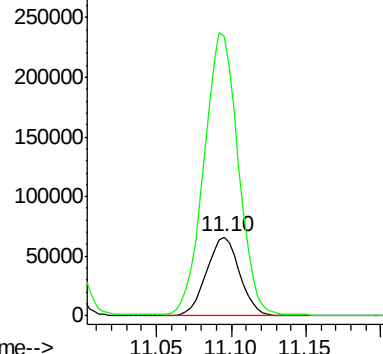
126 100

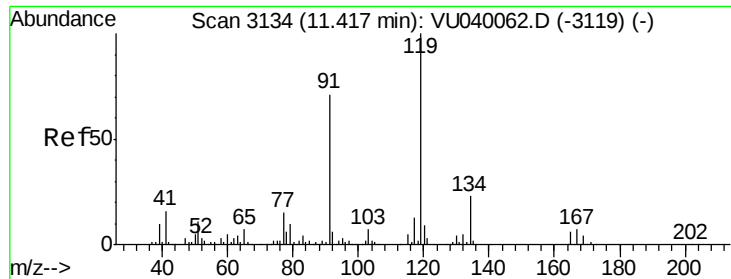
91 373.8 0.0 735.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





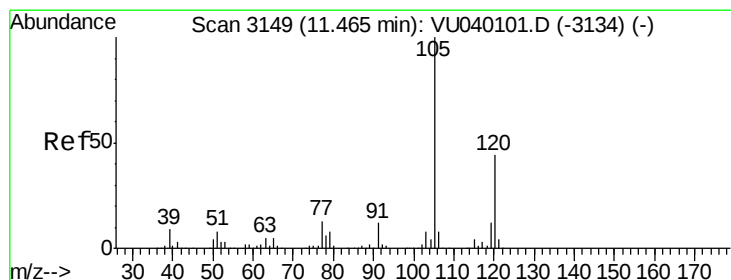
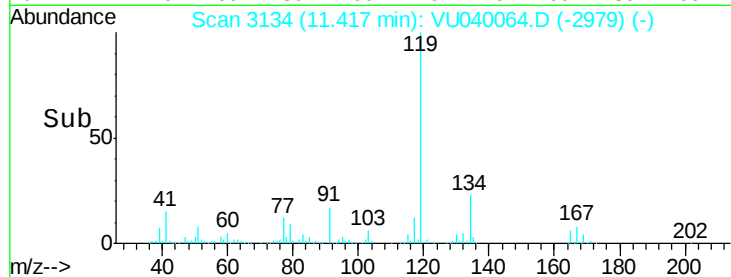
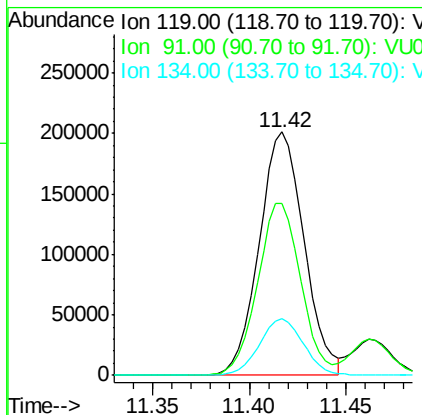
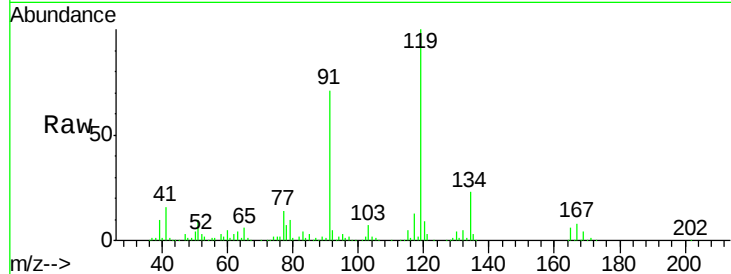
#77
tert-Butylbenzene
Concen: 11.208 ug/l
RT: 11.42 min Scan# 3134
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampled :
ICVVU090920

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	34.2	102.5
134	23.0	18.2	27.4

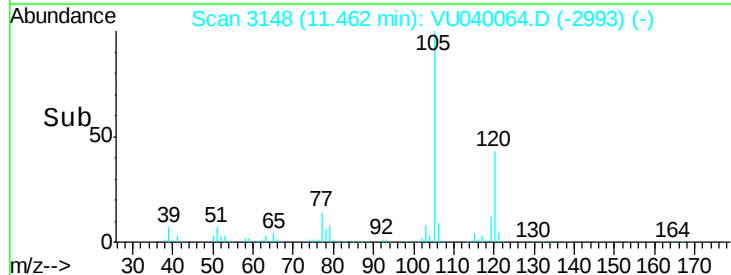
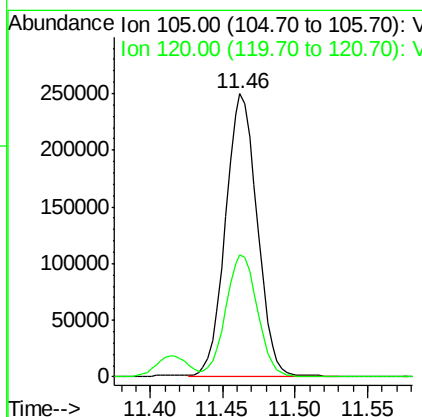
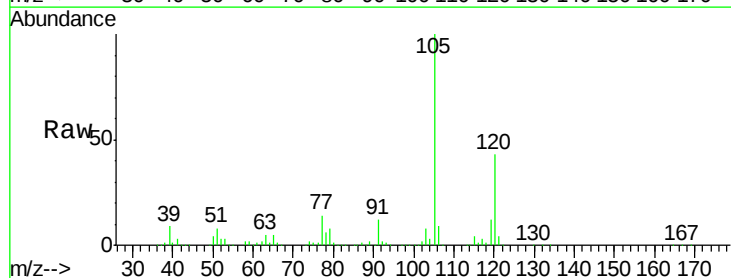
Manual Integrations
APPROVED

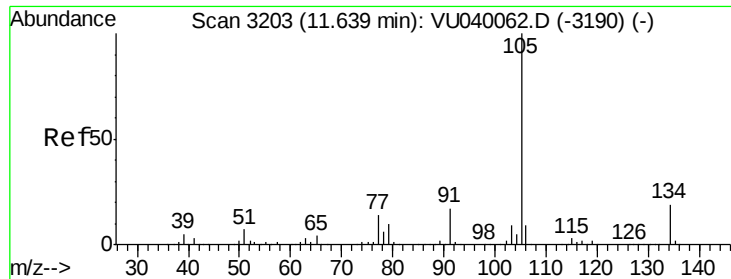
MMDadoda
9/17/2020 4:47:27 PM



#78
1,2,4-Trimethylbenzene
Concen: 11.528 ug/l
RT: 11.46 min Scan# 3148
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	21.9	65.5





#79

sec-Butylbenzene

Concen: 10.415 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

ICVVU090920

Tot Ion:105 Resp: 436650

Ion Ratio Lower Upper

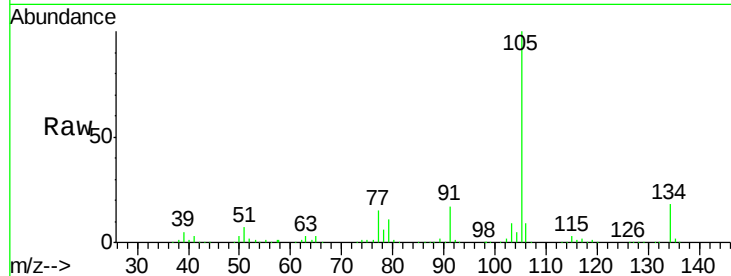
105 100

134 18.7 15.0 22.4

Manual Integrations
APPROVED

MMDadoda

9/17/2020 4:47:27 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.64

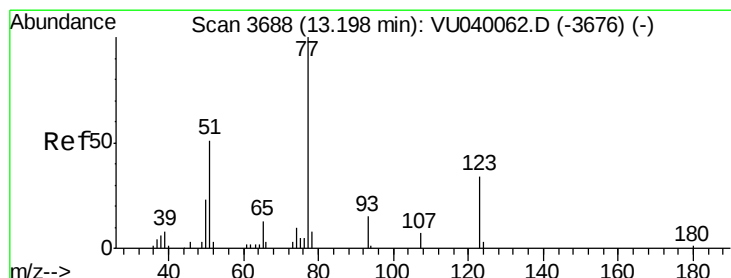
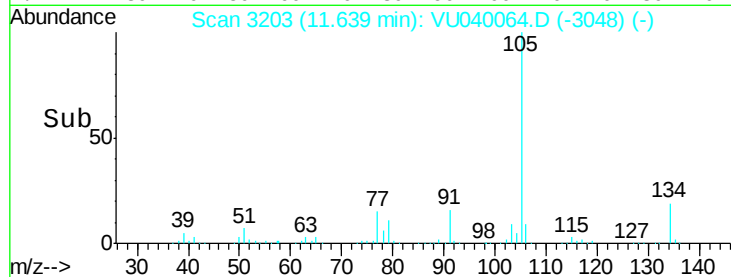
300000

200000

100000

0

Time-->



#80

Nitrobenzene

Concen: 11.724 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

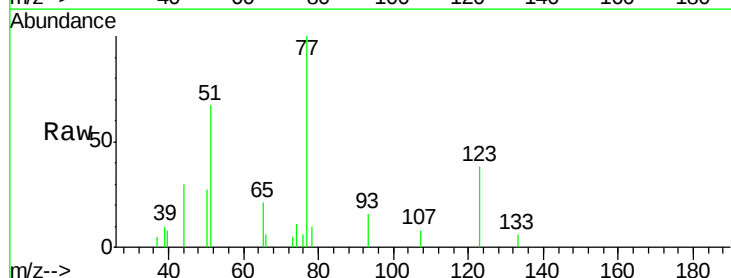
Tgt Ion: 77 Resp: 4217

Ion Ratio Lower Upper

77 100

123 35.2 16.4 58.0

65 12.0 12.5 15.9#



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

13.20

2500

2000

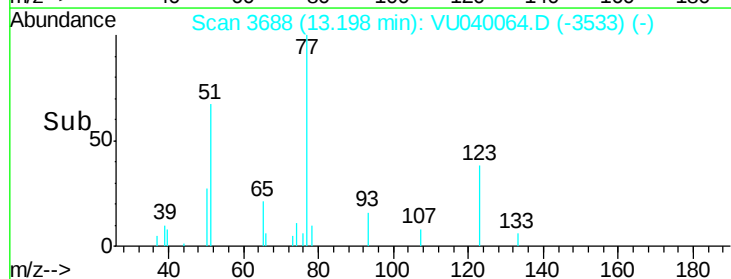
1500

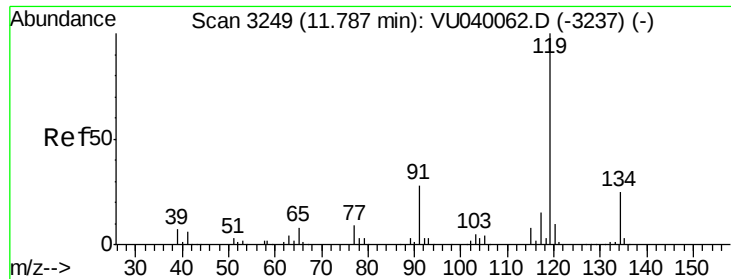
1000

500

0

Time-->





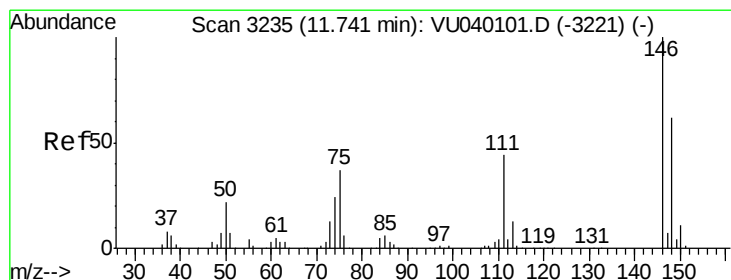
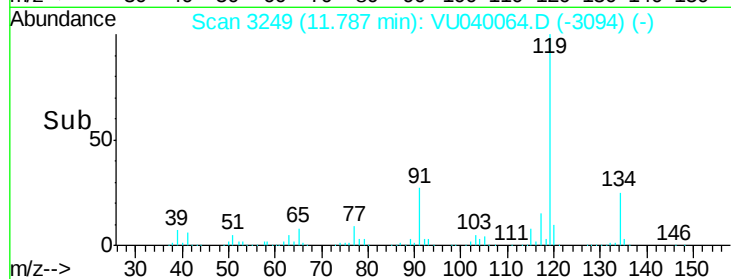
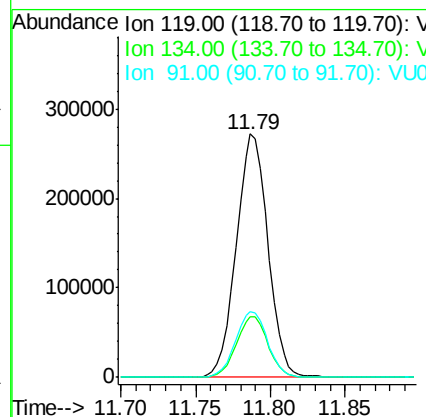
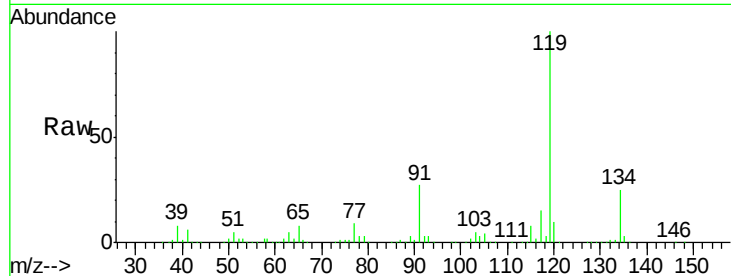
#81
 p-Isopropyltoluene
 Concen: 11.927 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU090920

Tot Ion:	119	Resp:	398173
Ion Ratio	Lower	Upper	
119	100		
134	24.8	20.3	30.5
91	27.3	22.2	33.2

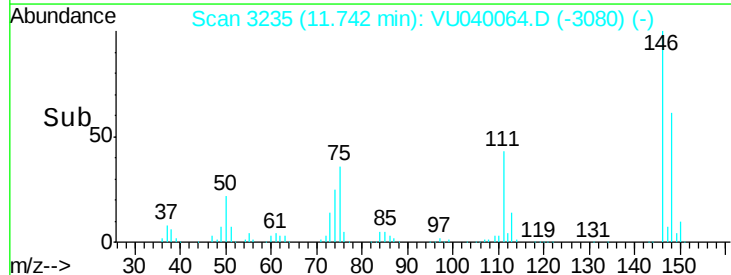
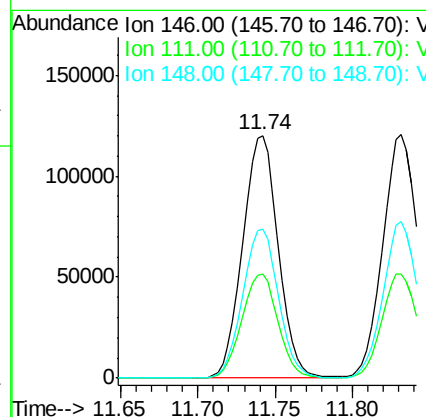
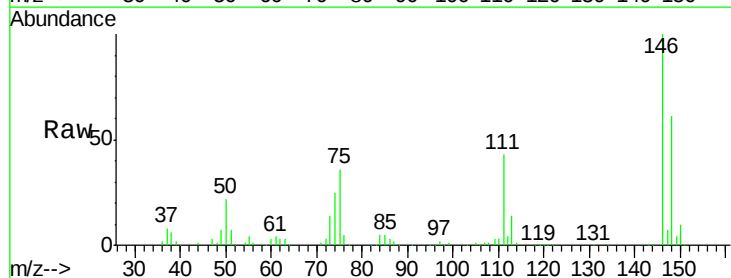
Manual Integrations
 APPROVED

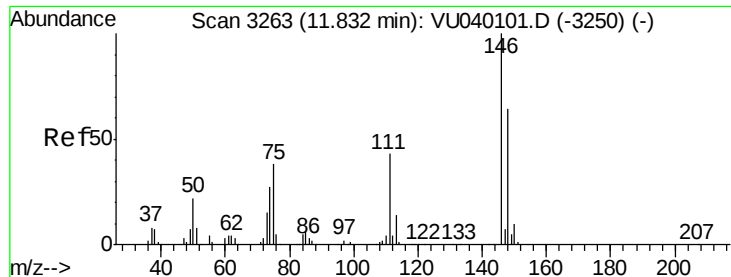
MMDadoda
 9/17/2020 4:47:27 PM



#82
 1,3-Dichlorobenzene
 Concen: 10.519 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion:	146	Resp:	192009
Ion Ratio	Lower	Upper	
146	100		
111	43.7	35.4	53.0
148	62.1	49.7	74.5





#83

1,4-Dichlorobenzene

Concen: 10.471 ug/l

RT: 11.83 min Scan# 3263

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampleId :

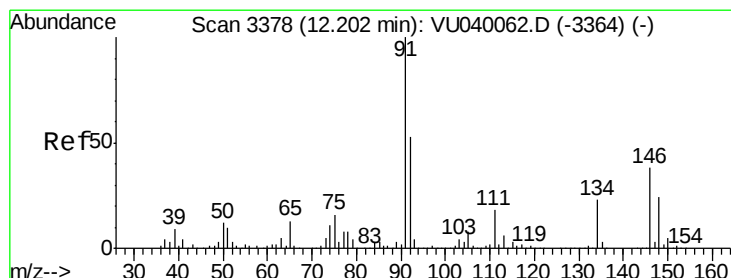
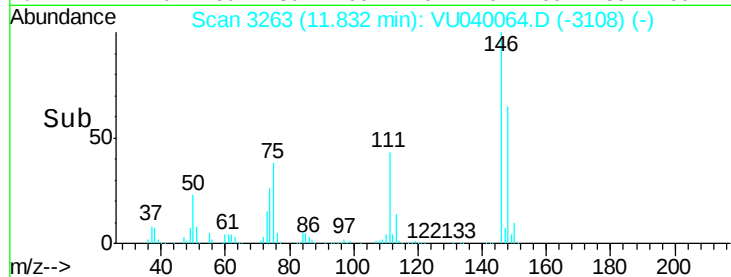
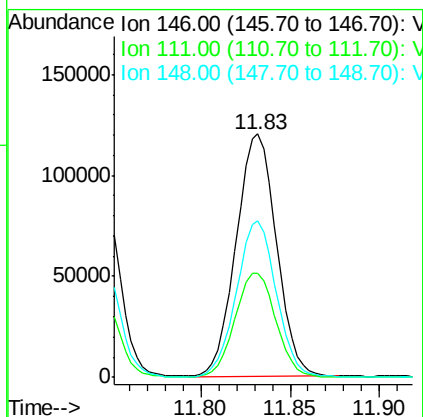
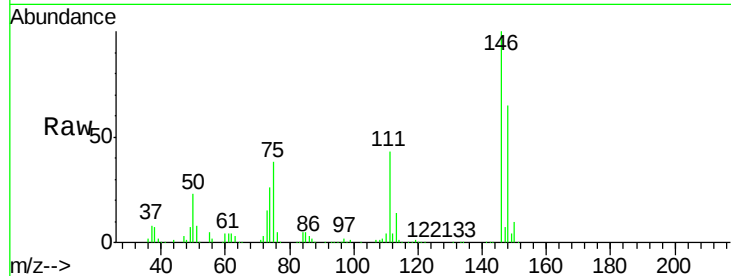
ICVVU090920

Tot Ion:	146	Resp:	189943
Ion Ratio	Lower	Upper	
146	100		
111	43.4	34.2	51.2
148	63.2	50.2	75.2

Manual Integrations
APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#84

n-Butylbenzene

Concen: 11.944 ug/l

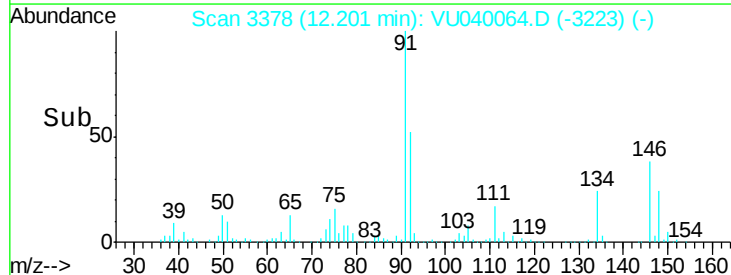
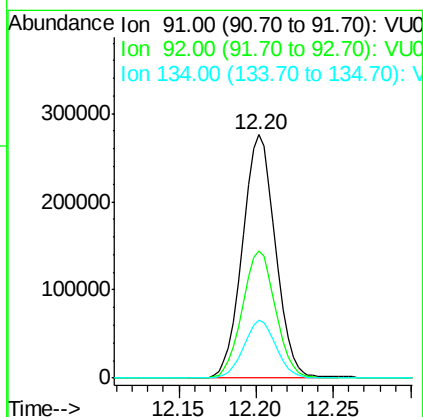
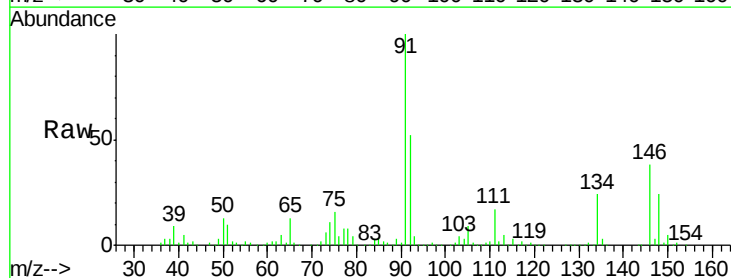
RT: 12.20 min Scan# 3378

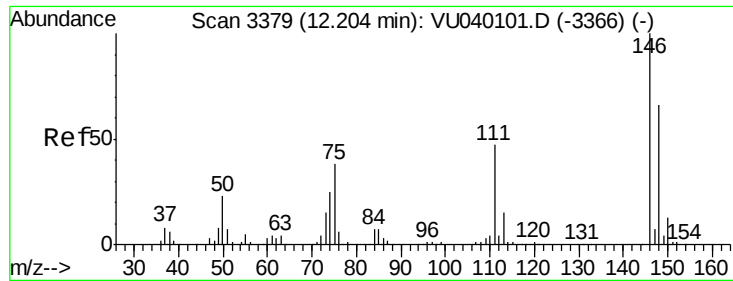
Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Tgt Ion:	91	Resp:	409791
Ion Ratio	Lower	Upper	
91	100		
92	52.9	43.0	64.4
134	23.2	18.6	27.8





#85

1,2-Dichlorobenzene

Concen: 10.252 ug/l

RT: 12.20 min Scan# 3379

Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Instrument :

MSVOA_U

ClientSampled :

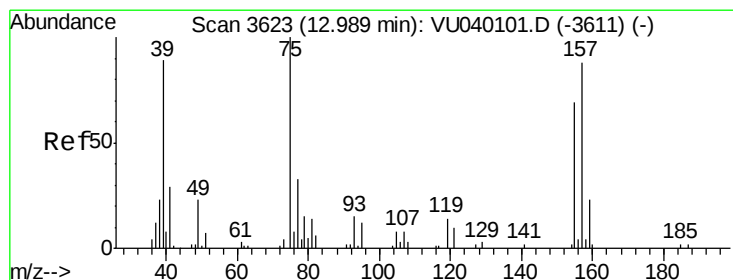
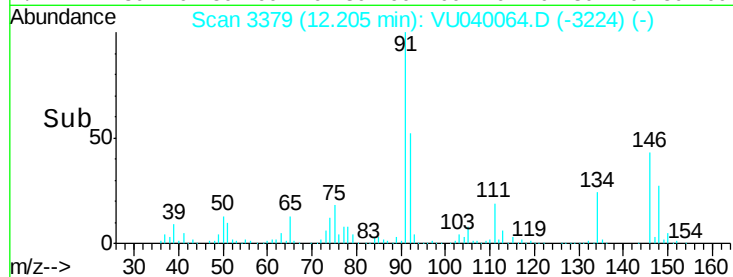
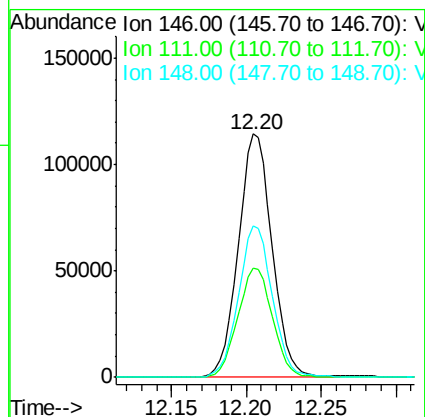
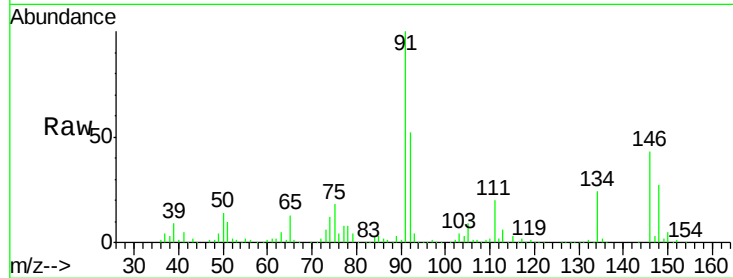
ICVVU090920

Tot Ion:	146	Resp:	179946
Ion Ratio	Lower	Upper	
146	100		
111	46.0	22.9	68.7
148	62.3	31.1	93.2

Manual Integrations
APPROVED

MMDadoda

9/17/2020 4:47:27 PM



#86

1,2-Dibromo-3-Chloropropane

Concen: 11.502 ug/l

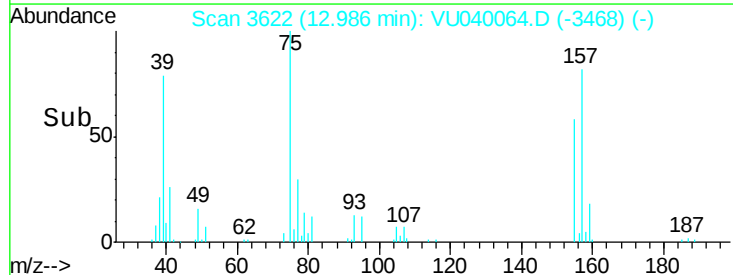
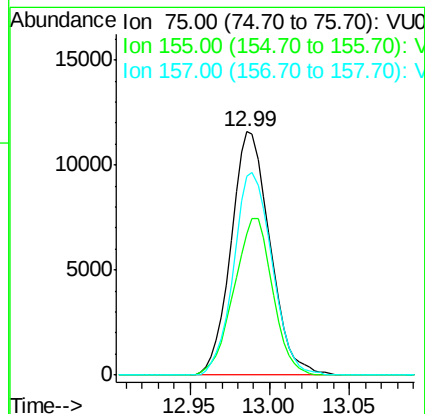
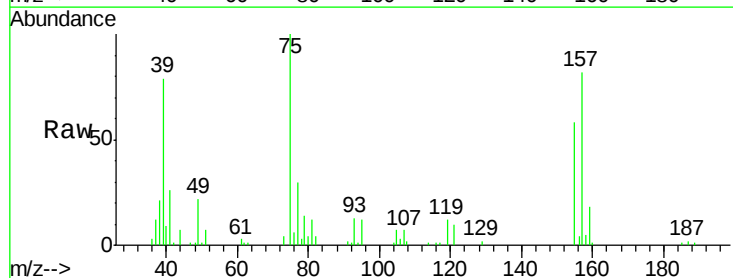
RT: 12.99 min Scan# 3622

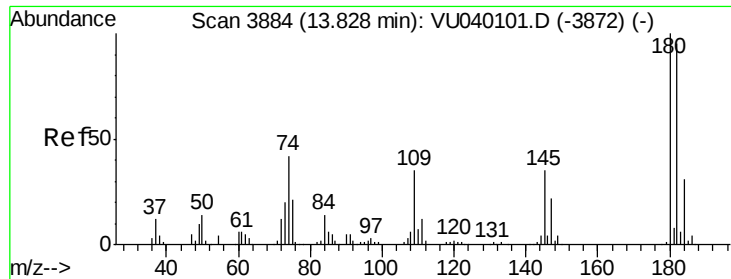
Delta R.T. -0.00 min

Lab File: VU040064.D

Acq: 09 Sep 2020 13:57

Tgt Ion:	75	Resp:	19199
Ion Ratio	Lower	Upper	
75	100		
155	63.7	53.4	80.0
157	82.0	65.8	98.8





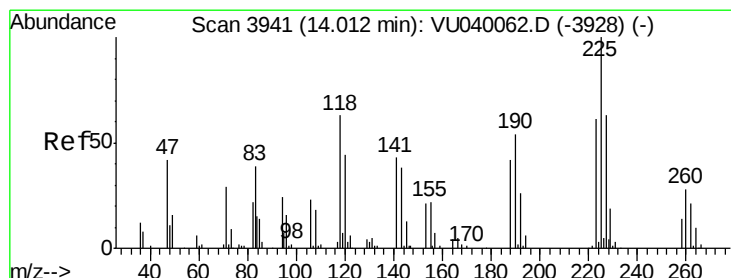
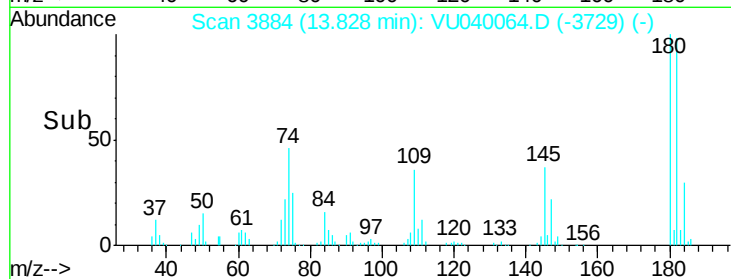
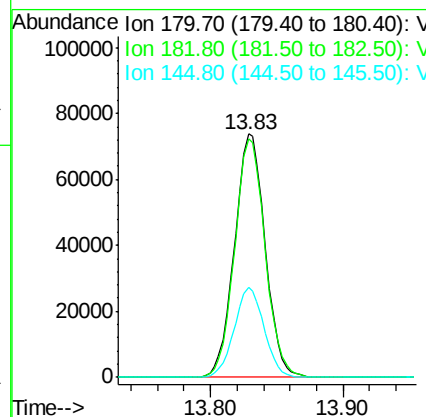
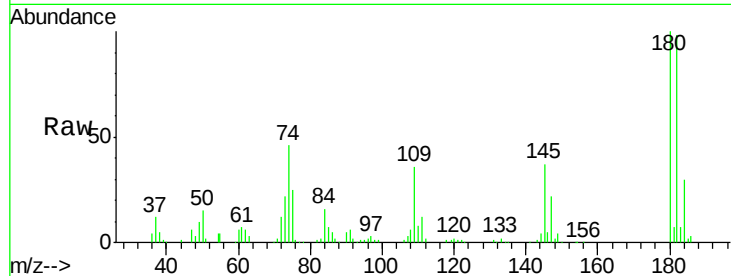
#87
 1,2,4-Trichlorobenzene
 Concen: 11.670 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Instrument :
 MSVOA_U
 ClientSampled :
 ICVVU090920

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.4	75.0	112.4	
145	35.9	27.7	41.5	

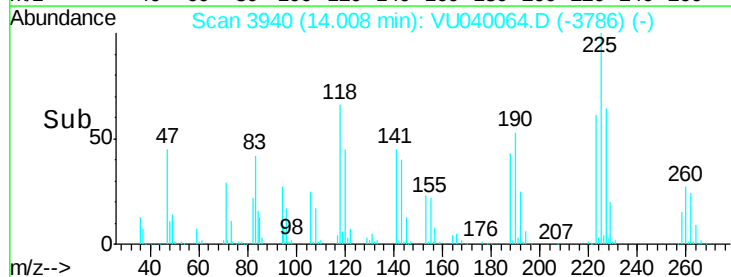
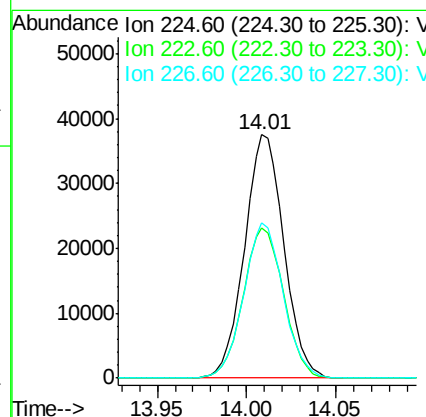
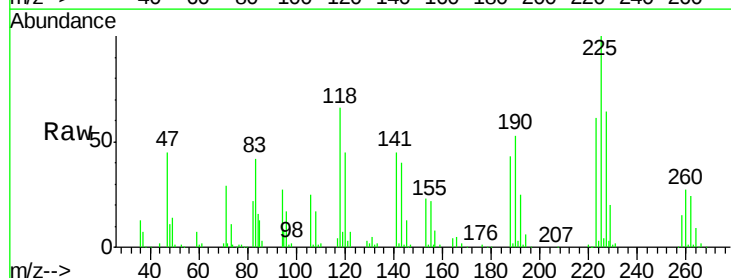
Manual Integrations
 APPROVED

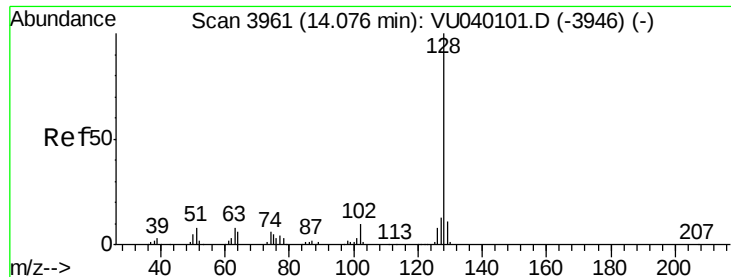
MMDadoda
 9/17/2020 4:47:27 PM



#88
 Hexachlorobutadiene
 Concen: 11.005 ug/l
 RT: 14.01 min Scan# 3940
 Delta R.T. -0.00 min
 Lab File: VU040064.D
 Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.0	50.7	76.1	
227	63.8	51.1	76.7	





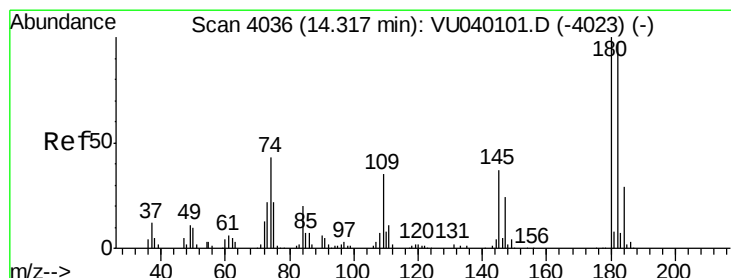
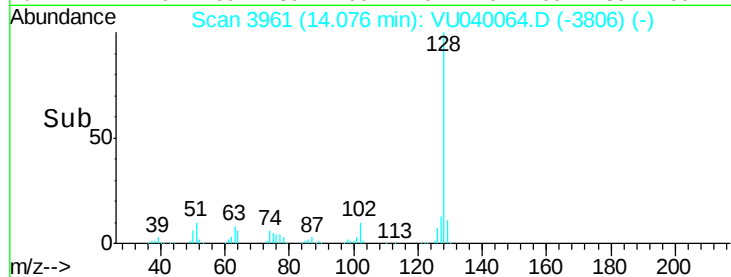
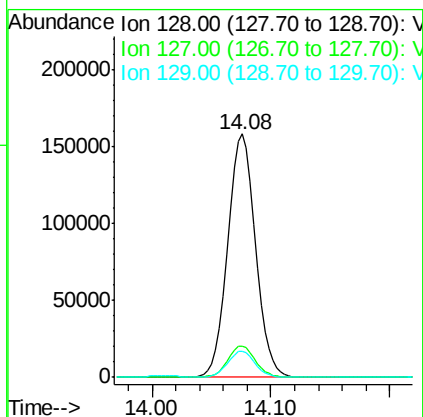
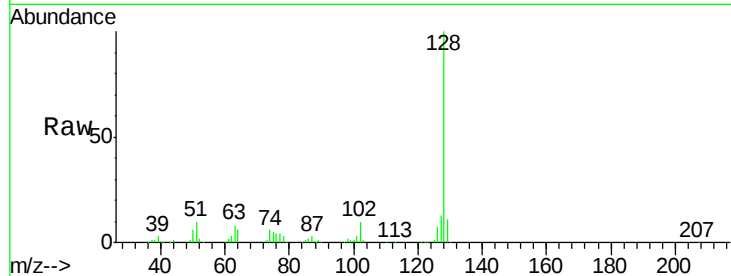
#89
Naphthalene
Concen: 10.337 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Instrument :
MSVOA_U
ClientSampleId :
ICVVU090920

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.8	8.3	12.5

Manual Integrations
APPROVED

MMDadoda
9/17/2020 4:47:27 PM



#90
1,2,3-Trichlorobenzene
Concen: 11.719 ug/l
RT: 14.32 min Scan# 4036
Delta R.T. -0.00 min
Lab File: VU040064.D
Acq: 09 Sep 2020 13:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	37.5	30.6	45.8

