

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102320\
 Data File : VU040926.D
 Acq On : 23 Oct 2020 09:56
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 4:24:01 PM

Quant Time: Oct 24 06:36:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Oct 23 07:07:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	59897	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	25256	1.15	ug/l	0.00
Spiked Amount 1.000			Recovery	=	115.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	24209	1.06	ug/l	0.00
Spiked Amount 1.000			Recovery	=	106.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	273396	9.786	ug/l	99
3) Chloromethane	1.53	50	280705	9.641	ug/l	97
4) Vinyl Chloride	1.61	62	262725	9.689	ug/l	99
5) Bromomethane	1.87	94	139526	8.756	ug/l	99
6) Chloroethane	1.94	64	153725	9.277	ug/l	99
7) Trichlorofluoromethane	2.15	101	345093	10.073	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	190666	10.011	ug/l	99
9) 1,1-Dichloroethene	2.59	96	165400	9.971	ug/l	100
10) Iodomethane	2.74	142	208004	10.274	ug/l	99
11) Allyl Chloride	2.94	41	346099	10.134	ug/l	99
12) Acrylonitrile	3.33	53	119086	20.364	ug/l	99
13) Acetone	2.65	43	278621	56.924	ug/l	96
14) Carbon Disulfide	2.81	76	626801	10.056	ug/l	99
15) Methylene Chloride	3.06	84	194772	9.040	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	186409	9.929	ug/l	99
17) 1,1-Dichloroethane	3.89	63	378154	9.848	ug/l	99
18) 2-Butanone	4.74	43	418148	52.813	ug/l	99
19) Cyclohexane	5.39	56	357608m	9.895	ug/l	
20) Methylcyclohexane	6.77	83	307802	11.386	ug/l	98
21) 2,2-Dichloropropane	4.68	77	329492	10.162	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	194663	9.718	ug/l	99
23) Diethyl Ether	2.39	59	164913	10.069	ug/l	99
24) tert-Butyl Alcohol	3.24	59	179538	98.264	ug/l	97
25) Methyl tert-Butyl Ether	3.38	73	515526	10.019	ug/l	99
26) Bromochloromethane	4.99	128	86786	9.968	ug/l	99
27) Chloroform	5.11	83	361908	9.862	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	310301	9.807	ug/l	98
29) 1,1-Dichloropropene	5.54	75	280185	10.107	ug/l	99
30) Carbon Tetrachloride	5.53	117	282866	9.877	ug/l	98
31) Isopropyl Ether	4.02	45	589148	9.922	ug/l	98
32) Ethyl-t-butyl ether	4.53	59	523090	10.002	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	420216	10.789	ug/l	99
34) Propionitrile	4.81	54	110688	50.917	ug/l	97
35) Benzene	5.78	78	776959	10.111	ug/l	99
36) 1,2-Dichloroethane	5.81	62	284459	9.986	ug/l	100
37) Trichloroethene	6.55	130	183147	10.083	ug/l	97
38) 1,2-Dichloropropane	6.80	63	221774	10.173	ug/l	98
39) Methacrylonitrile	5.00	41	102288	10.037	ug/l	99
40) Methyl acrylate	4.87	55	144054	10.308	ug/l	98
41) Tetrahydrofuran	5.09	42	101026	19.271	ug/l	98
42) 1-Chlorobutane	5.47	56	423055	10.095	ug/l	99

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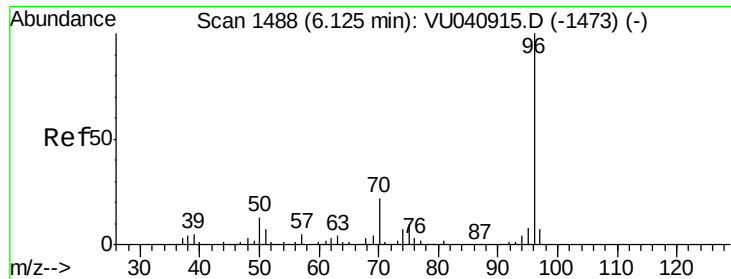
Manual Integrations
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Quant Time: Oct 24 06:36:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102220DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	124058	10.154	ug/l	98
44) Bromodichloromethane	7.11	83	289636	10.210	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	916880	57.160	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	139547m	22.000	ug/l	
47) Methyl methacrylate	6.98	69	235824	23.118	ug/l	99
48) Ethyl methacrylate	8.34	69	195758	11.407	ug/l	100
49) Toluene	7.97	92	470695	11.138	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	273756	11.166	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	285845	10.639	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	161417	10.449	ug/l	97
53) 1,3-Dichloropropane	8.58	76	289929	10.454	ug/l	99
54) 2-Hexanone	8.69	43	670289	59.812	ug/l	99
55) Dibromochloromethane	8.82	129	191173	10.321	ug/l	98
56) 1,2-Dibromoethane	8.93	107	152205	10.626	ug/l	97
58) Tetrachloroethene	8.56	164	170914	10.065	ug/l	99
59) Chlorobenzene	9.45	112	479723	10.723	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	180015	10.241	ug/l	99
61) Pentachloroethane	11.42	117	145233	10.229	ug/l	100
62) Hexachloroethane	12.47	117	155772	10.779	ug/l	98
63) Ethyl Benzene	9.57	91	862728	11.643	ug/l	99
64) m/p-Xylenes	9.69	106	695219	21.163	ug/l	99
65) o-Xylene	10.10	106	311228	11.961	ug/l	100
66) Styrene	10.11	104	576058	10.609	ug/l	99
67) Bromoform	10.29	173	103590	10.333	ug/l	99
69) Isopropylbenzene	10.48	105	822355	11.850	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	219199	10.429	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	168050m	10.488	ug/l	
72) Bromobenzene	10.78	156	197132	10.895	ug/l	100
73) n-propylbenzene	10.90	120	241404	10.472	ug/l	96
74) 2-Chlorotoluene	10.98	126	203024	11.275	ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	754779	10.439	ug/l	100
76) 4-Chlorotoluene	11.10	126	220756	11.829	ug/l	100
77) tert-Butylbenzene	11.42	119	688623	11.740	ug/l	98
78) 1,2,4-Trimethylbenzene	11.46	105	791800	10.557	ug/l	100
79) sec-Butylbenzene	11.64	105	981549	12.053	ug/l	100
80) Nitrobenzene	13.20	77	53485	53.803	ug/l	97
81) p-Isopropyltoluene	11.79	119	834669	10.535	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	420047	10.643	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	433462	10.861	ug/l	99
84) n-Butylbenzene	12.20	91	844762	12.393	ug/l	100
85) 1,2-Dichlorobenzene	12.20	146	414879	10.990	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	40435	10.305	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	243600	11.009	ug/l	98
88) Hexachlorobutadiene	14.01	225	137435	11.063	ug/l	99
89) Naphthalene	14.08	128	531338	9.561	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	251013	11.659	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU040926.D

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MSVOA_U

ClientSampleId :

VSTDCCC010

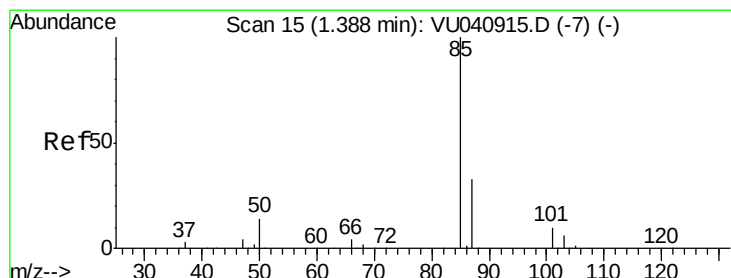
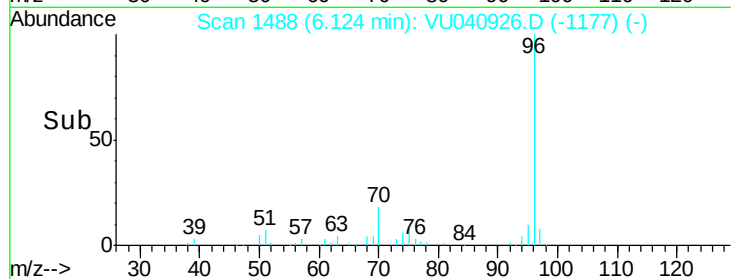
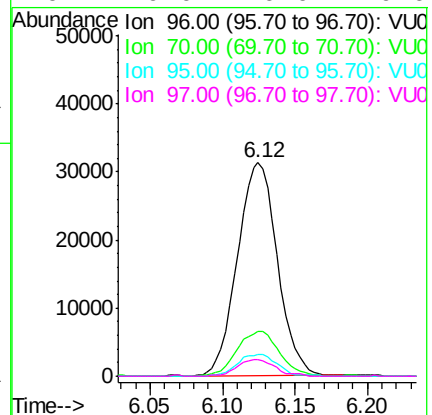
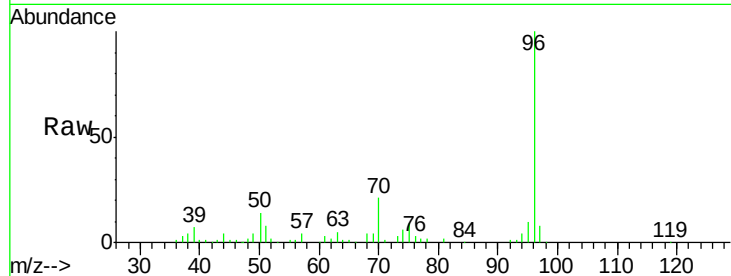
Tot Ion: 96 Resp: 59897

Ion	Ratio	Lower	Upper
96	100		
70	22.5	16.3	24.5
95	10.2	7.3	10.9
97	0.0	0.0	0.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 9.786 ug/l

RT: 1.39 min Scan# 16

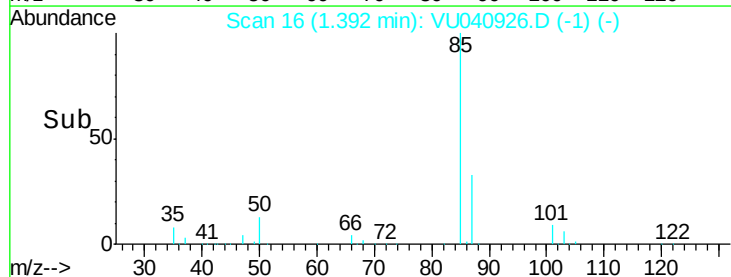
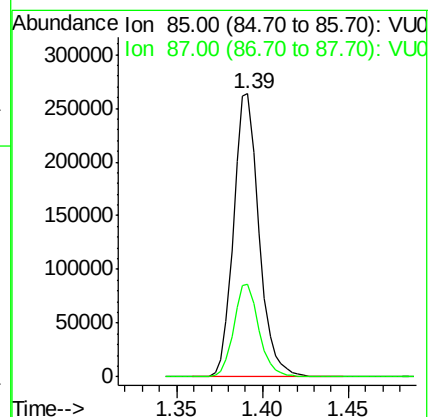
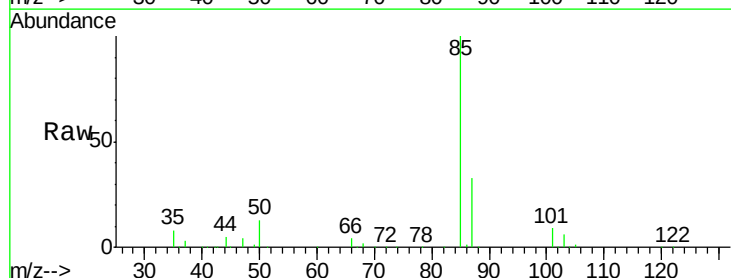
Delta R.T. 0.00 min

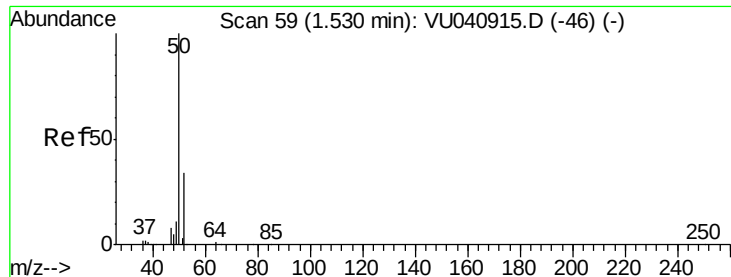
Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Tgt Ion: 85 Resp: 273396

Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.5	49.5





#3

Chloromethane

Concen: 9.641 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 50 Resp: 280705

Ion Ratio Lower Upper

50 100

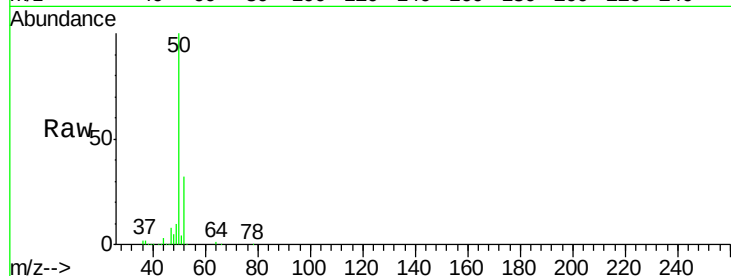
52 31.7 26.9 40.3

Manual Integrations

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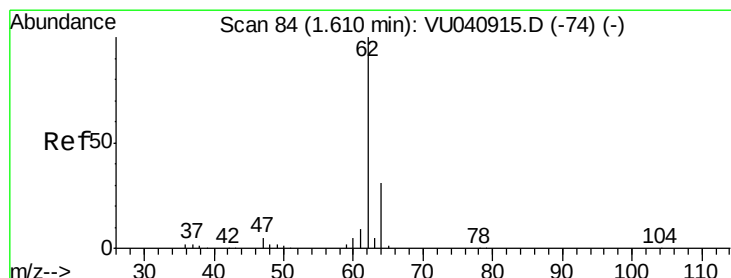
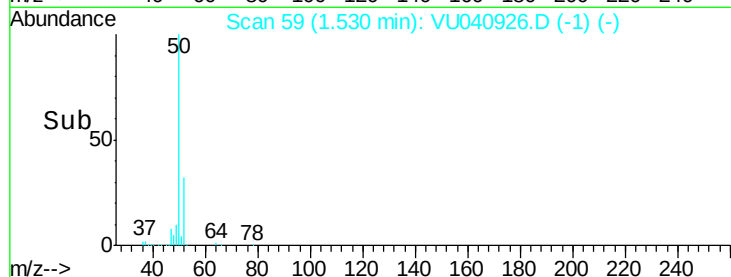
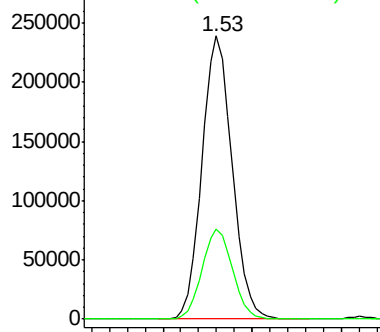
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 9.689 ug/l

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU040926.D

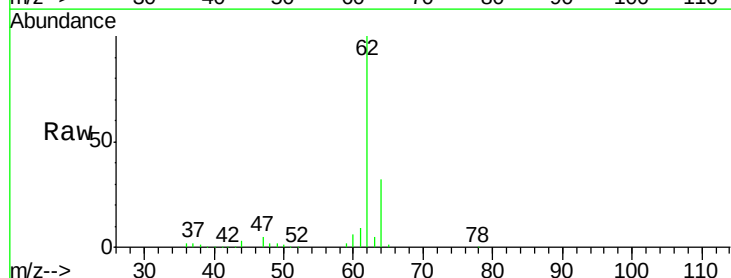
Acq: 23 Oct 2020 09:56

Tgt Ion: 62 Resp: 262725

Ion Ratio Lower Upper

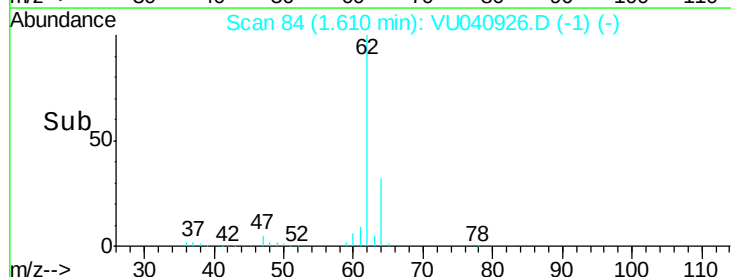
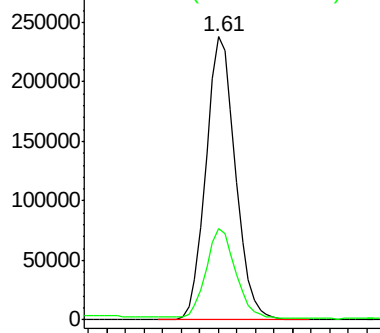
62 100

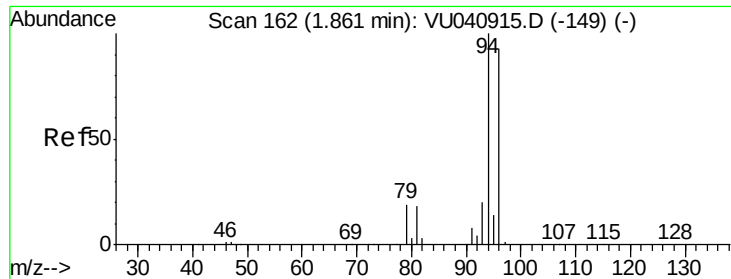
64 31.6 24.7 37.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 8.756 ug/l

RT: 1.87 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 94 Resp: 139526

Ion Ratio Lower Upper

94 100

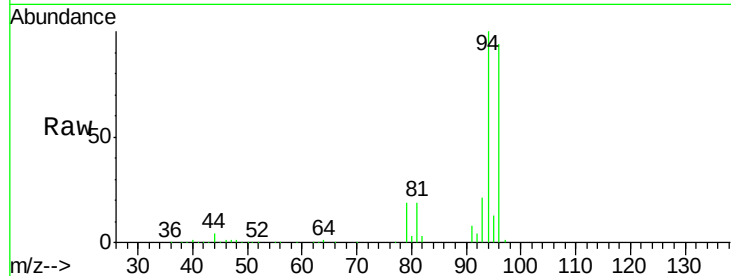
96 94.2 74.4 111.6

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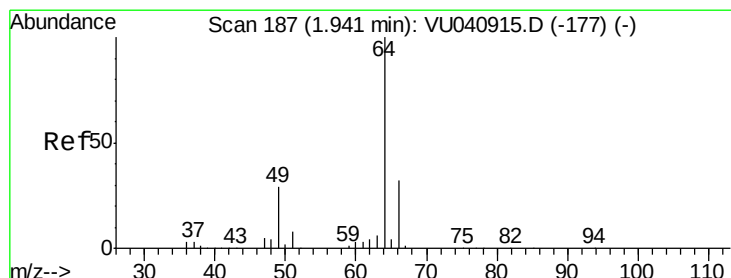
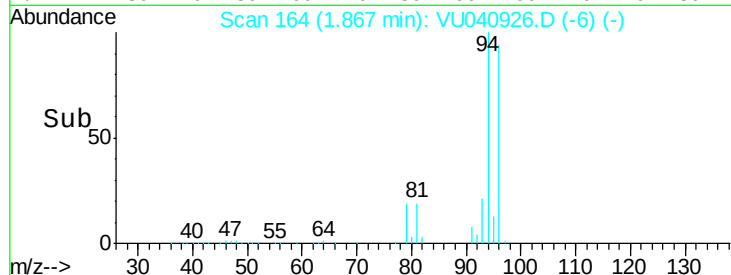
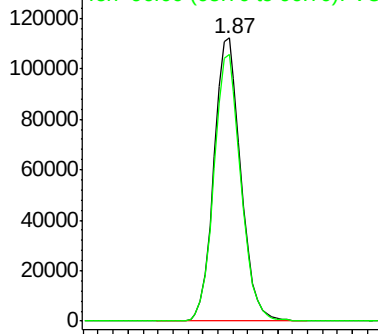
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 9.277 ug/l

RT: 1.94 min Scan# 187

Delta R.T. 0.00 min

Lab File: VU040926.D

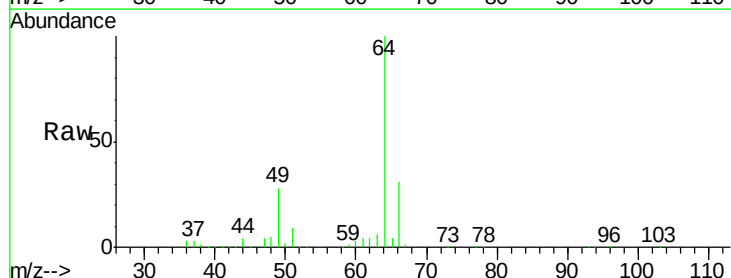
Acq: 23 Oct 2020 09:56

Tgt Ion: 64 Resp: 153725

Ion Ratio Lower Upper

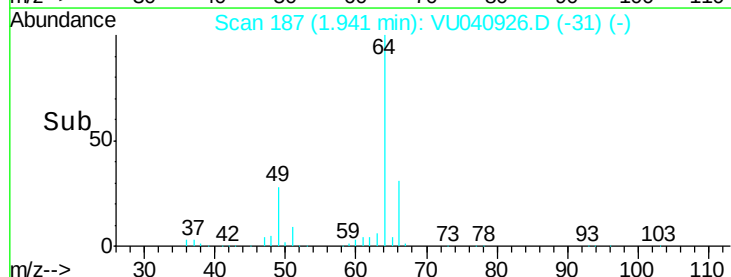
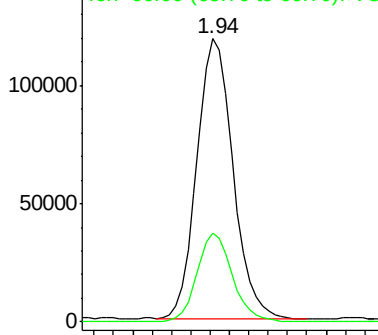
64 100

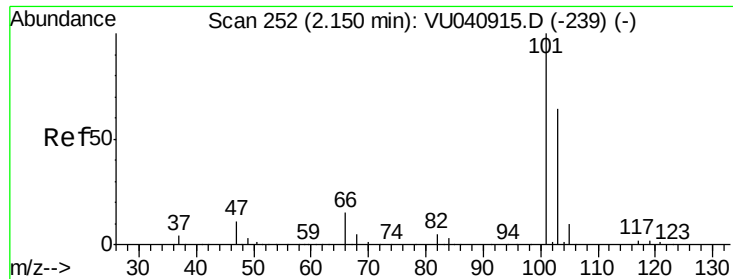
66 31.4 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

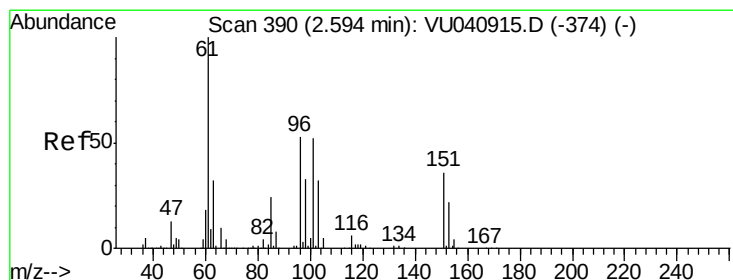
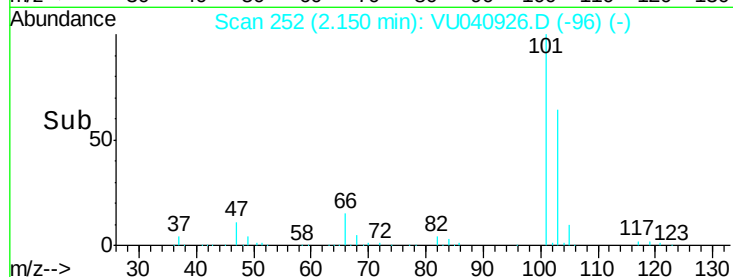
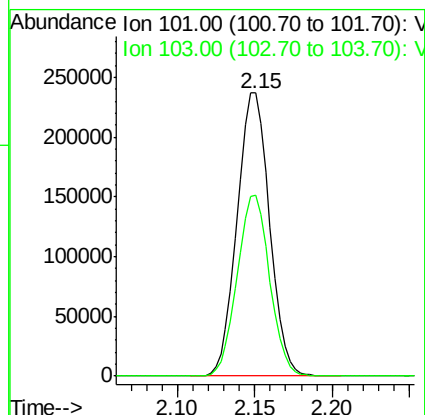
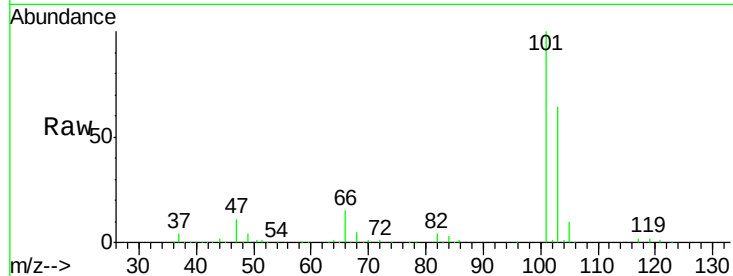
Trichlorofluoromethane
 Concen: 10.073 ug/l
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU040926.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	51.5	77.3

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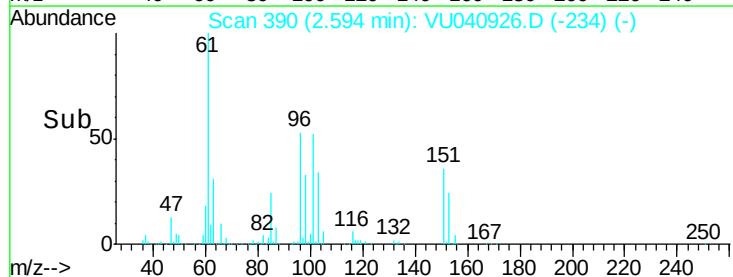
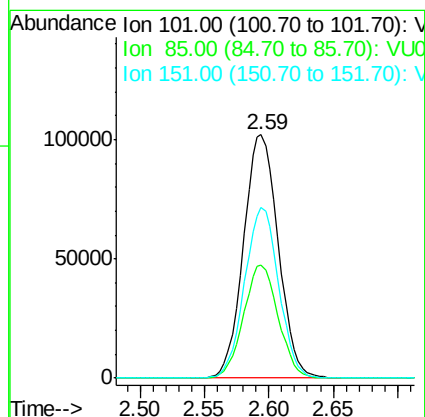
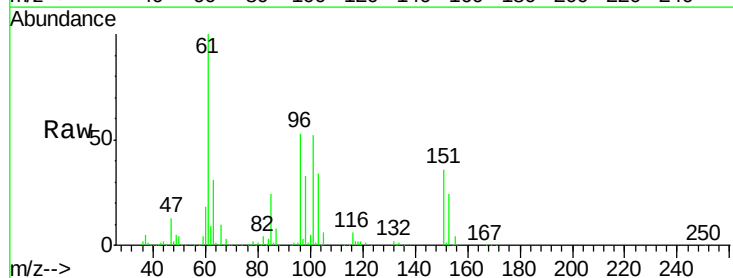
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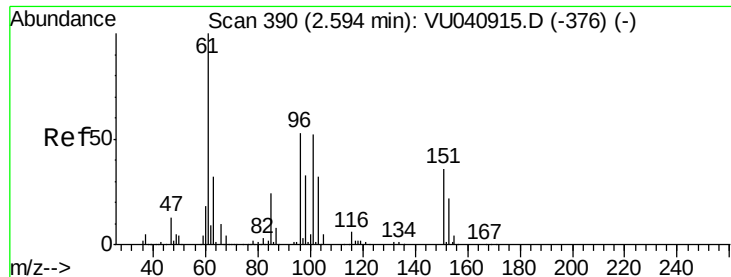


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 10.011 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.6	36.2	54.2
151	69.1	55.1	82.7





#9

1,1-Dichloroethene

Concen: 9.971 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

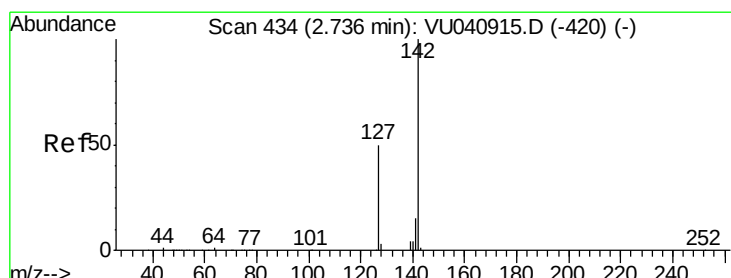
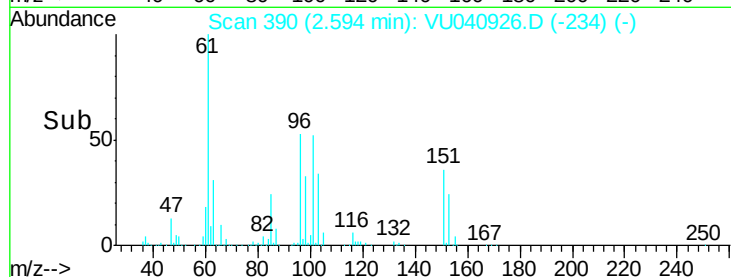
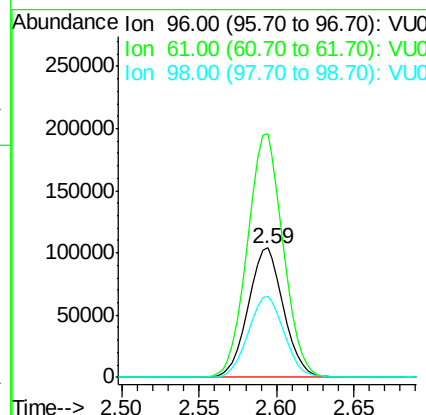
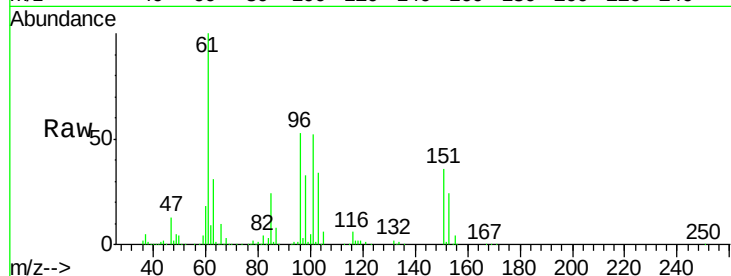
VSTDCCC010

Tot Ion:	96	Resp:	165400
Ion Ratio	Lower	Upper	
96	100		
61	187.8	0.0	561.9
98	62.8	0.0	125.0

Manual Integrations
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#10

Iodomethane

Concen: 10.274 ug/l

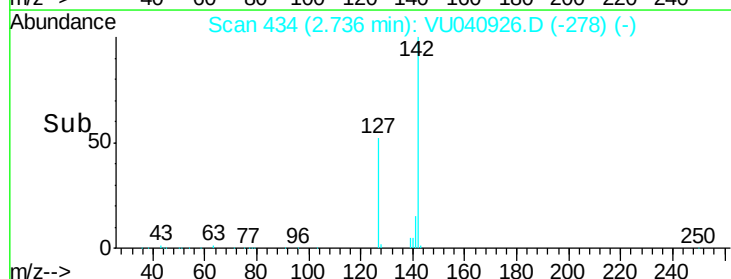
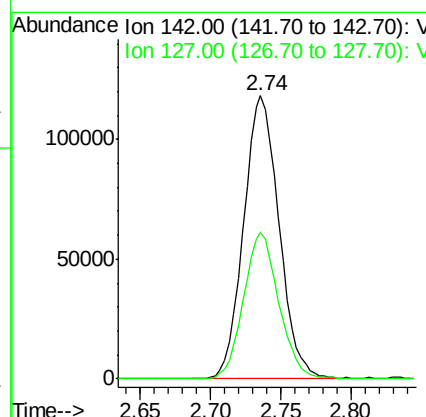
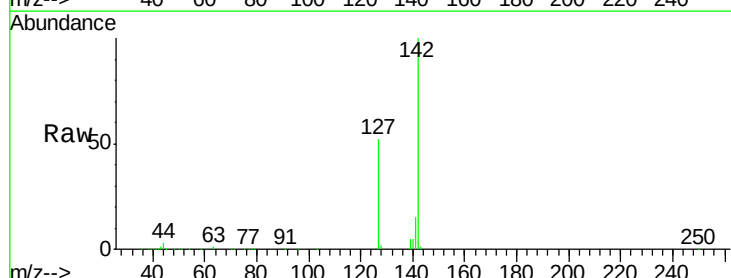
RT: 2.74 min Scan# 434

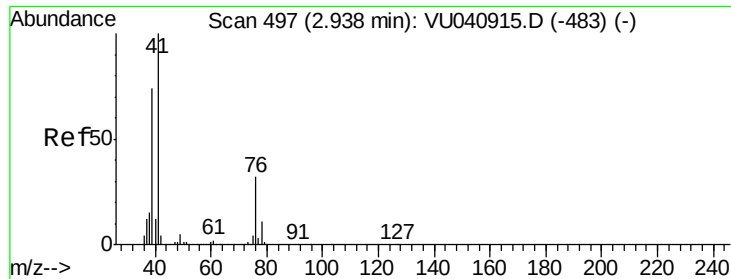
Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Tgt Ion:	142	Resp:	208004
Ion Ratio	Lower	Upper	
142	100		
127	51.7	40.6	60.8





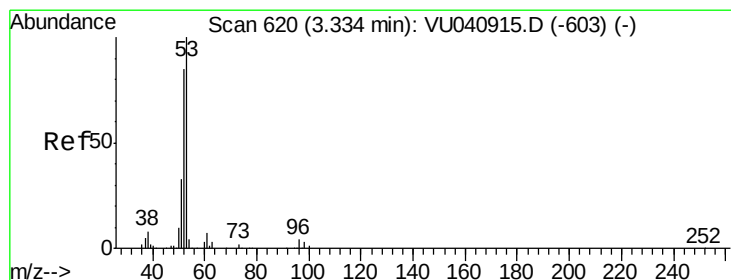
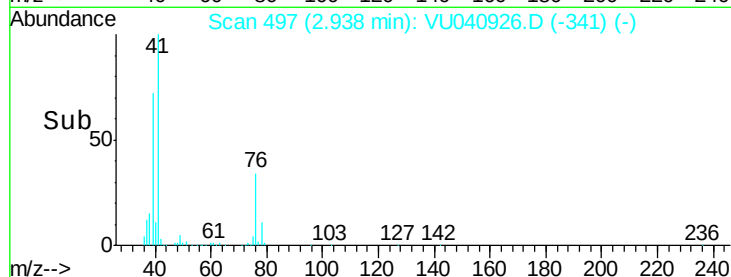
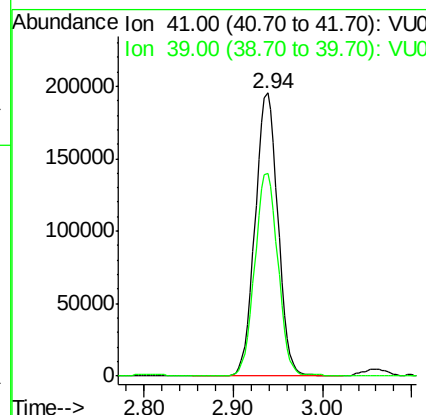
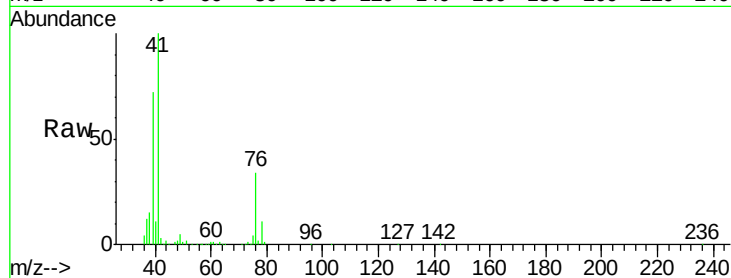
#11
Allvl Chloride
Concen: 10.134 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.5	59.0	88.4

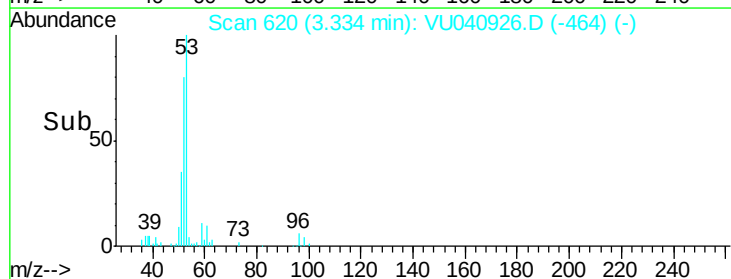
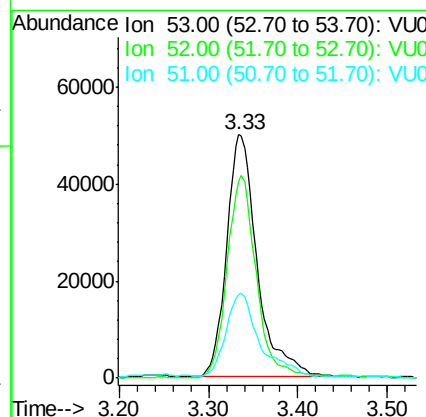
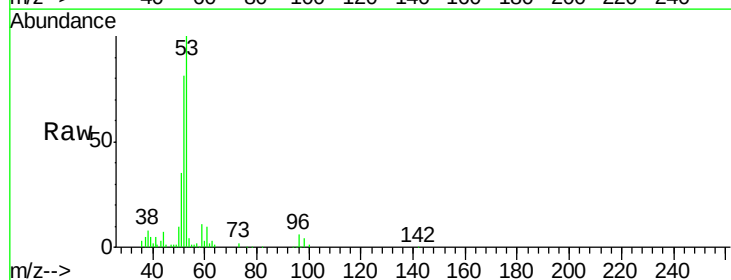
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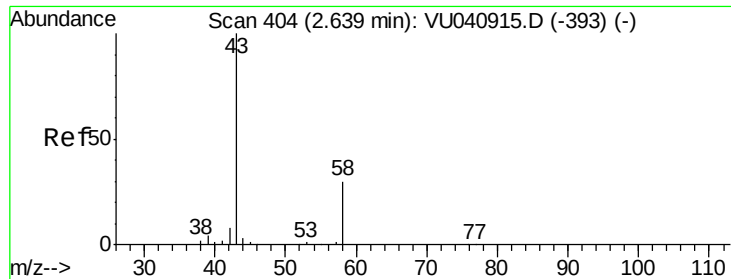
MMDadoda
10/26/2020 4:24:01 PM



#12
Acrylonitrile
Concen: 20.364 ug/l
RT: 3.33 min Scan# 620
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
53	100		
52	79.7	63.1	94.7
51	37.4	30.6	46.0





#13

Acetone

Concen: 56.924 ug/l

RT: 2.65 min Scan# 407

Delta R.T. 0.01 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 43 Resp: 278621

Ion Ratio Lower Upper

43 100

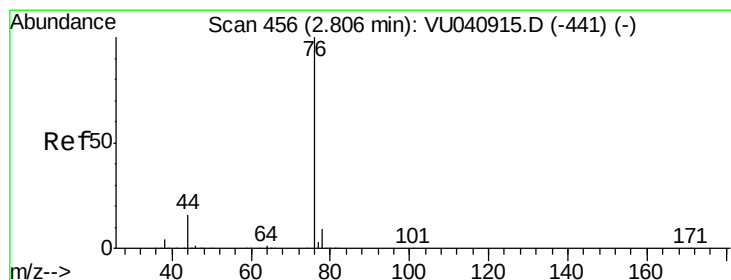
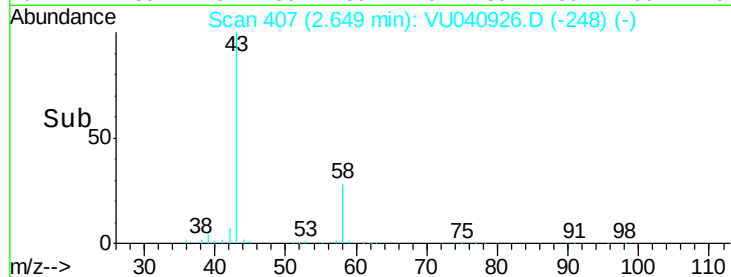
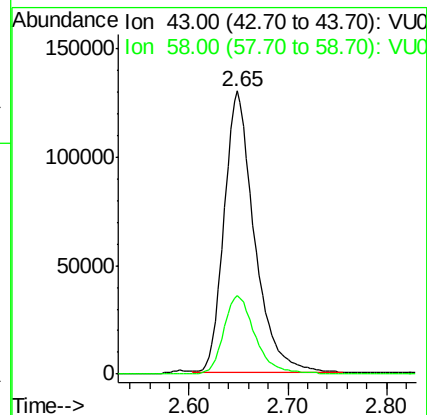
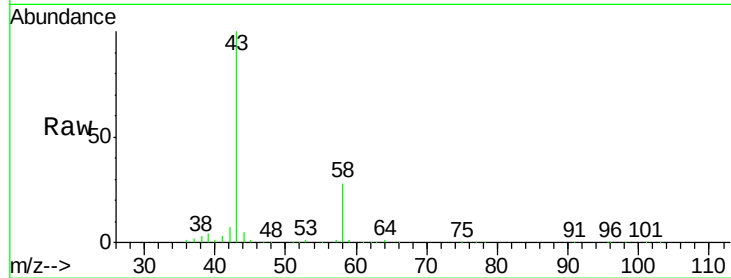
58 27.5 23.6 35.4

Manual Integrations

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#14

Carbon Disulfide

Concen: 10.056 ug/l

RT: 2.81 min Scan# 456

Delta R.T. 0.00 min

Lab File: VU040926.D

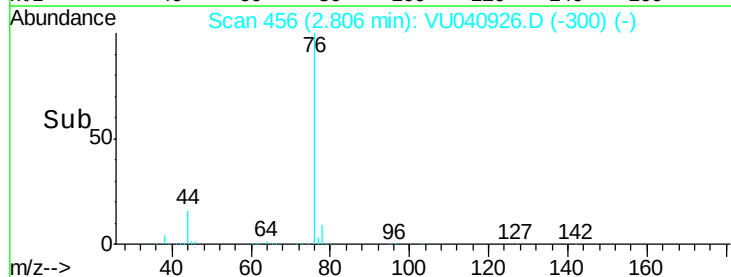
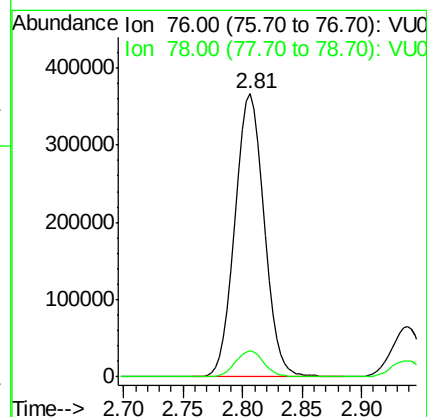
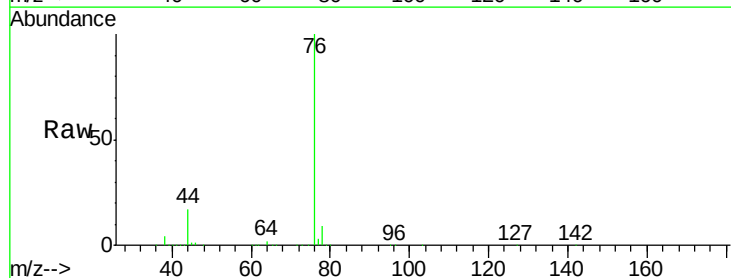
Acq: 23 Oct 2020 09:56

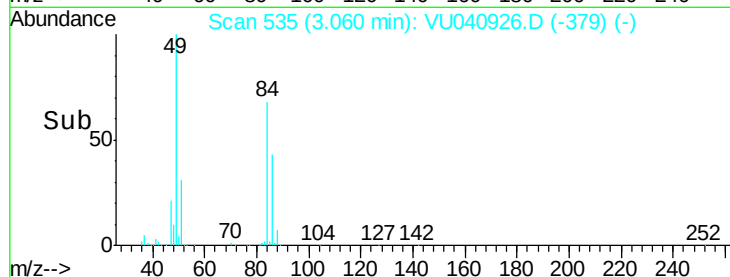
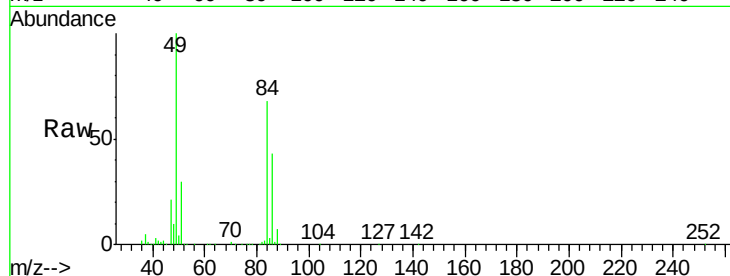
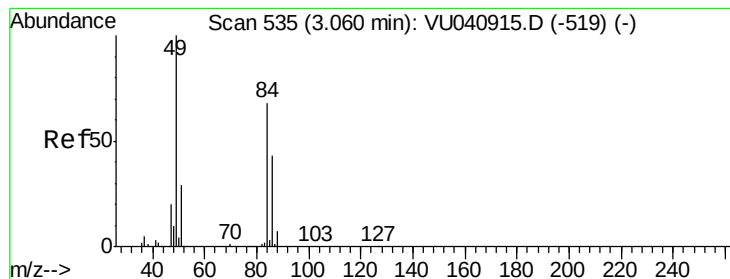
Tgt Ion: 76 Resp: 626801

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7





#15

Methvlene Chloride

Concen: 9.040 ug/l

RT: 3.06 min Scan# 535

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Tot Ion:	84	Resp:	194772
Ion	Ratio	Lower	Upper
84	100		
49	147.8	118.2	177.4
51	45.0	0.0	86.8
86	63.4	51.2	76.8

Instrument :

MSVOA_U

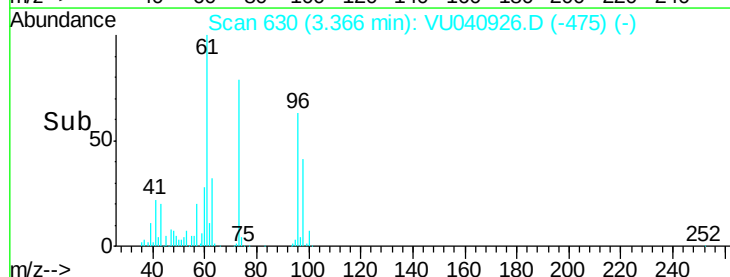
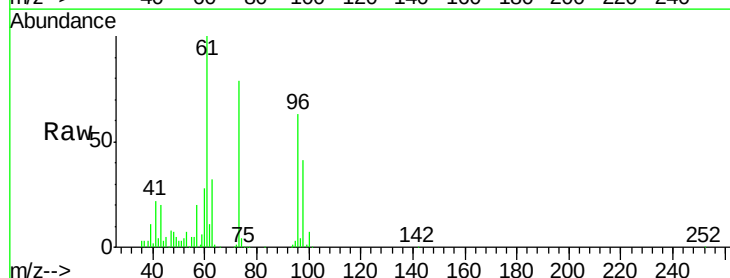
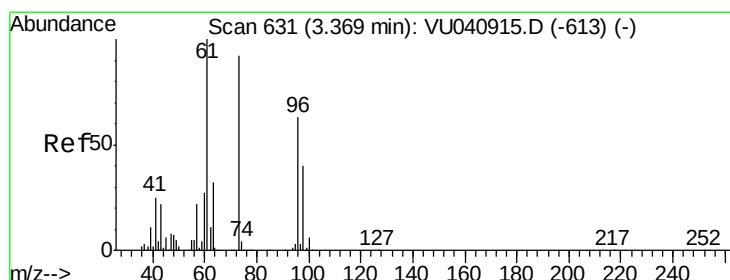
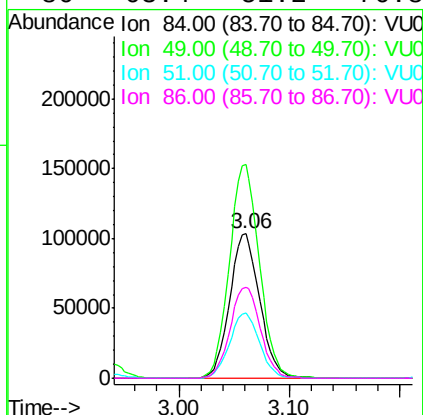
ClientSampleId :

VSTDCCC010

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#16

trans-1,2-Dichloroethene

Concen: 9.929 ug/l

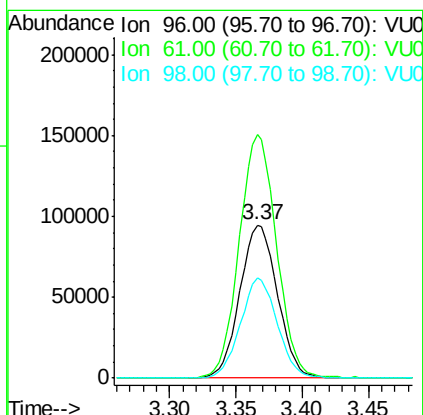
RT: 3.37 min Scan# 630

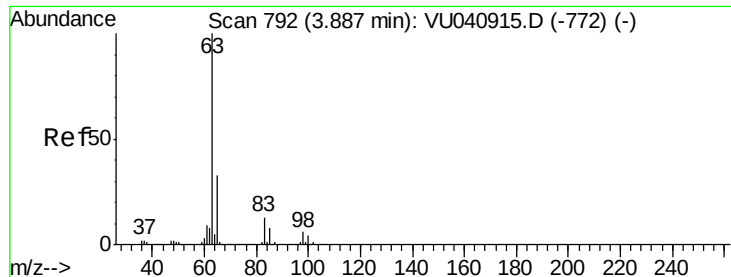
Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Tgt Ion:	96	Resp:	186409
Ion	Ratio	Lower	Upper
96	100		
61	159.2	127.0	190.4
98	65.3	51.2	76.8





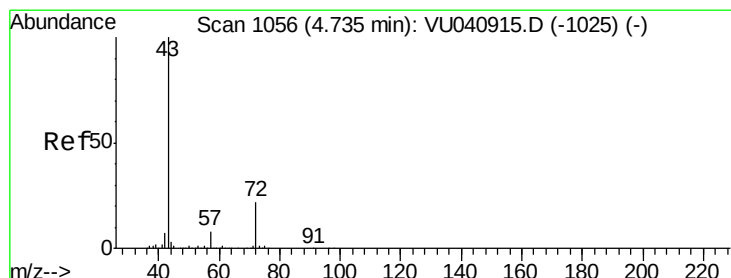
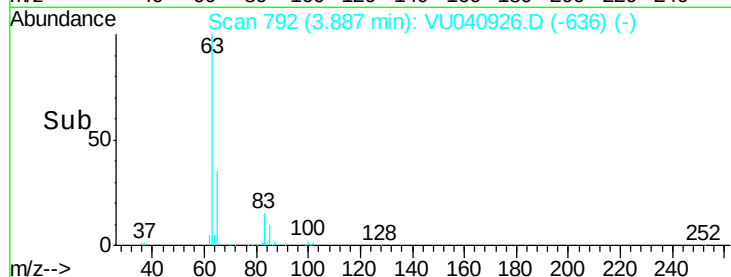
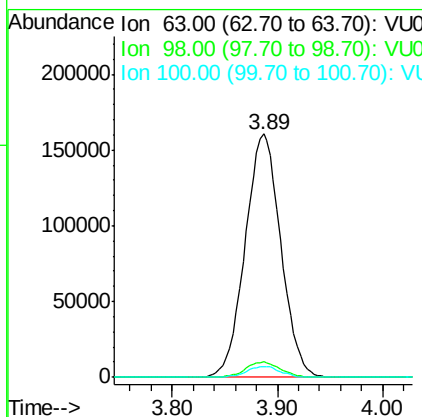
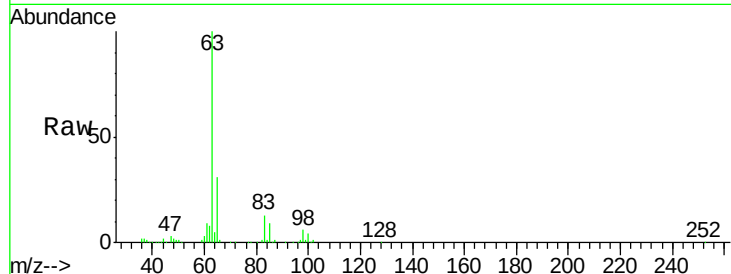
#17
 1,1-Dichloroethane
 Concen: 9.848 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.3	3.0	9.2	
100	4.4	1.8	5.5	

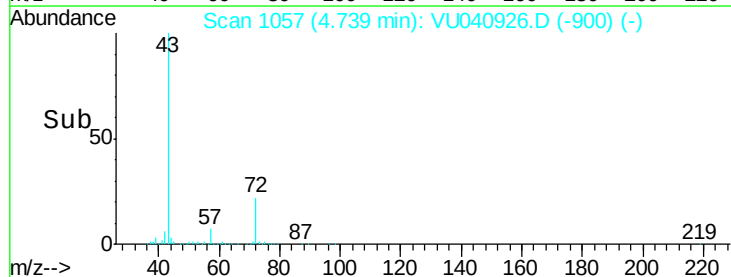
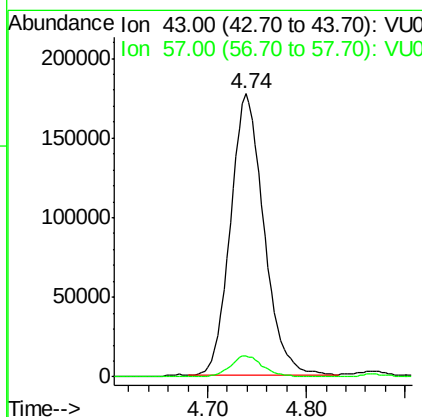
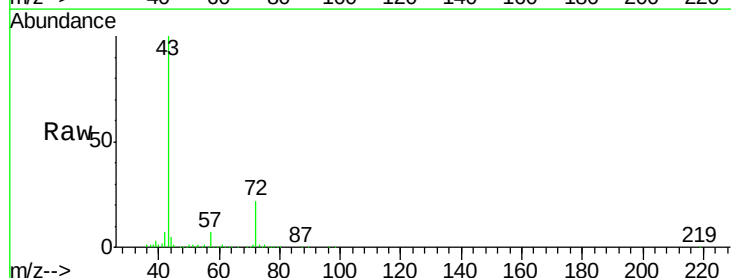
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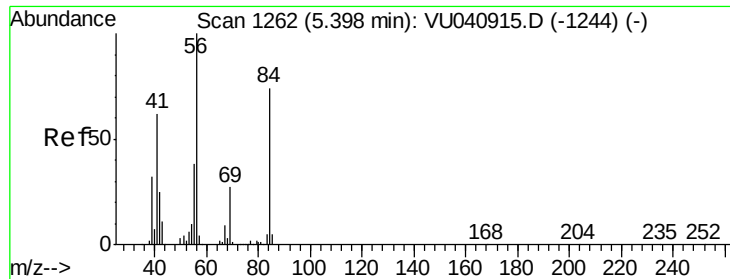
MMDadoda
 10/26/2020 4:24:01 PM



#18
 2-Butanone
 Concen: 52.813 ug/l
 RT: 4.74 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
43	100			
57	7.3	0.0	15.2	





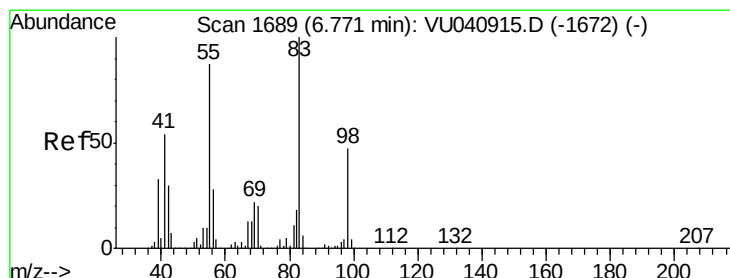
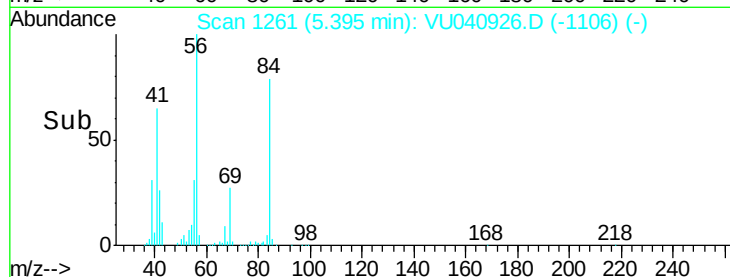
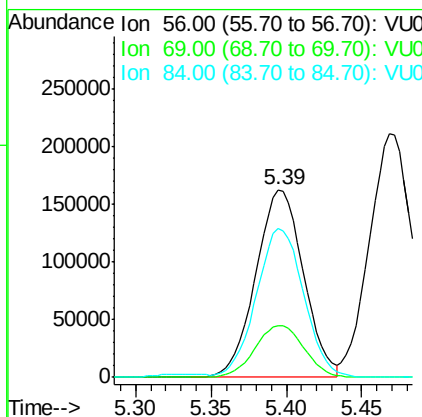
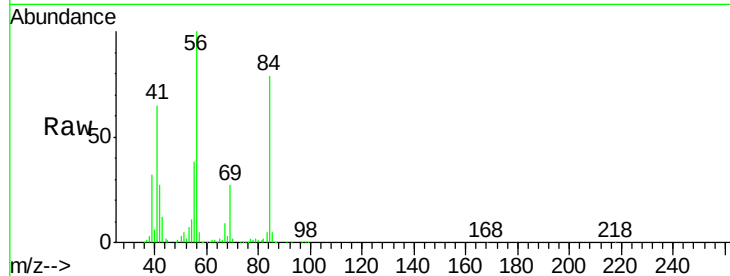
#19
Cyclohexane
Concen: 9.895 ug/l m
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	56	Resp	357608
Ion	Ratio	Lower	Upper
56	100		
69	28.5	22.2	33.2
84	77.1	60.1	90.1

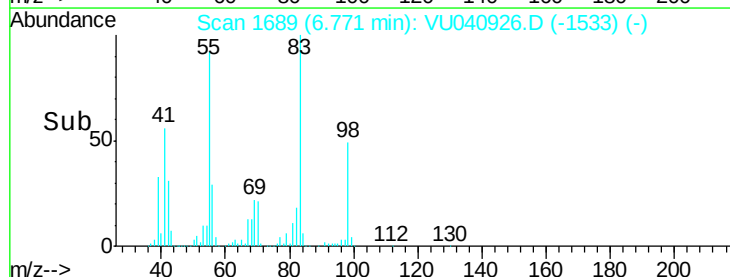
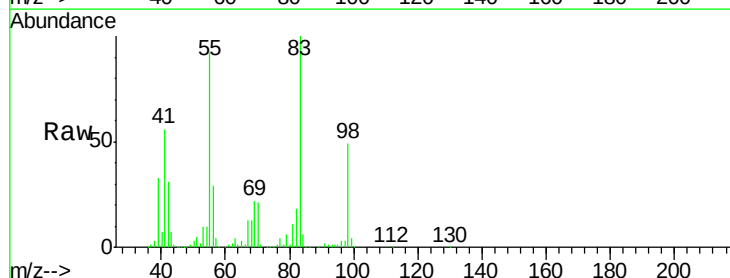
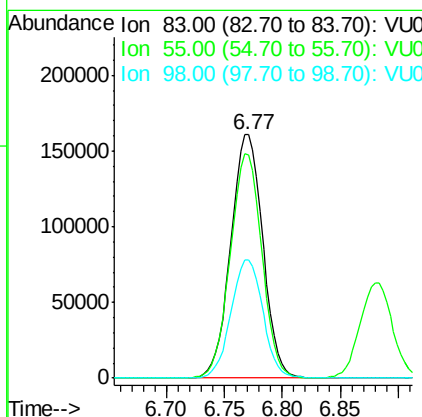
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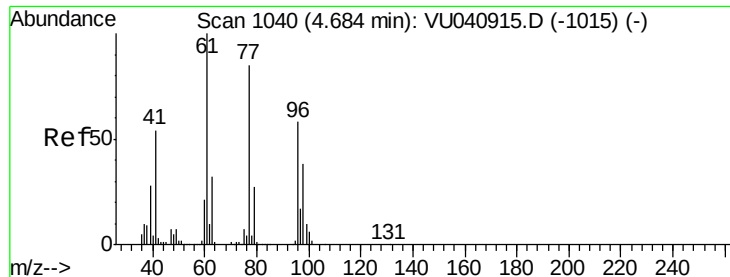
MMDadoda
10/26/2020 4:24:01 PM



#20
Methylcyclohexane
Concen: 11.386 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	83	Resp	307802
Ion	Ratio	Lower	Upper
83	100		
55	90.5	71.0	106.4
98	48.4	38.1	57.1





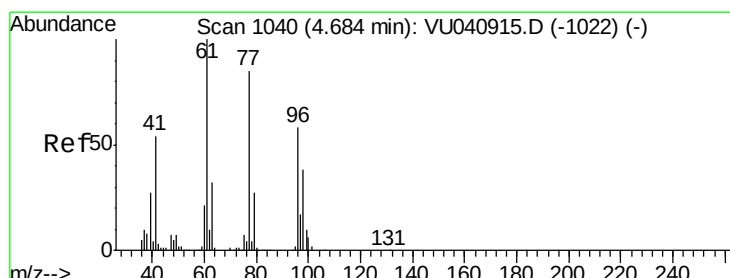
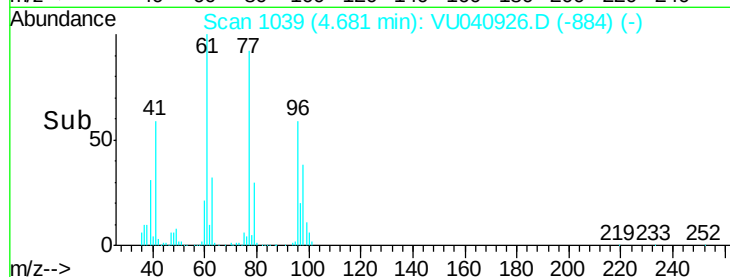
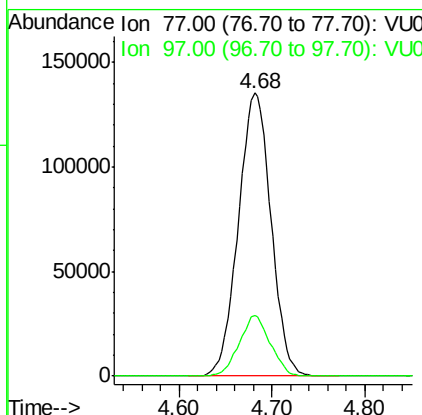
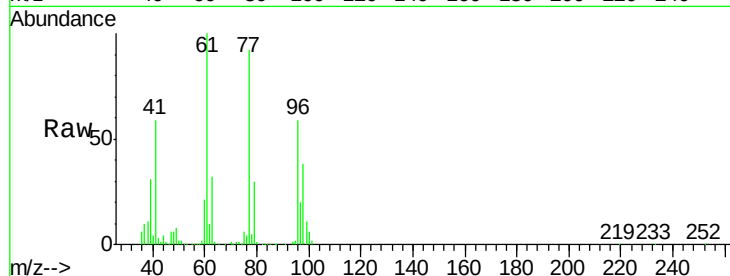
#21
 2,2-Dichloropropane
 Concen: 10.162 ug/l
 RT: 4.68 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion: 77 Resp: 329492
 Ion Ratio Lower Upper
 77 100
 97 20.4 16.0 24.0

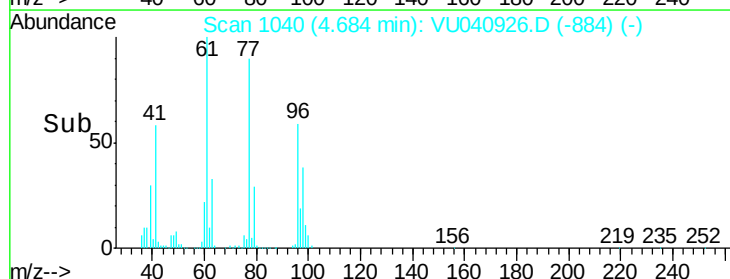
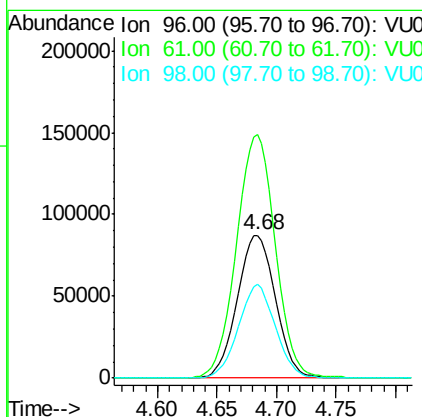
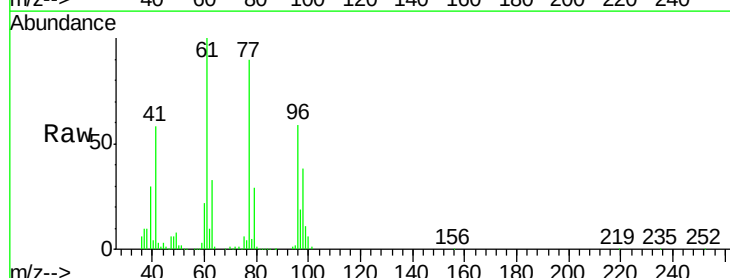
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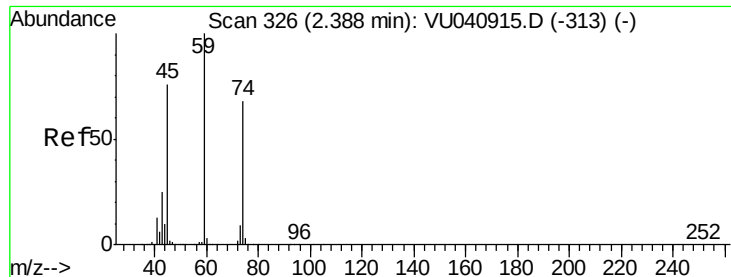
MMDadoda
 10/26/2020 4:24:01 PM



#22
 cis-1,2-Dichloroethene
 Concen: 9.718 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion: 96 Resp: 194663
 Ion Ratio Lower Upper
 96 100
 61 173.3 0.0 434.5
 98 63.3 32.6 97.8





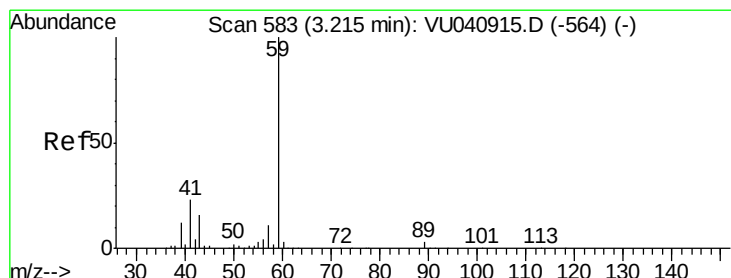
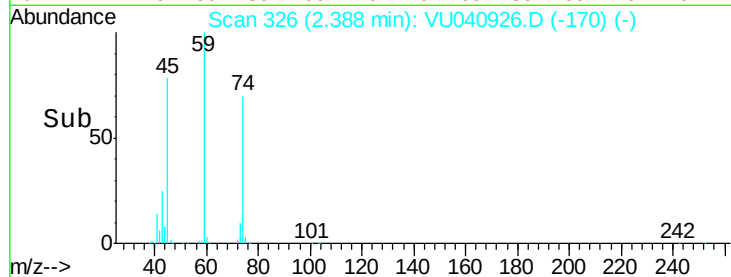
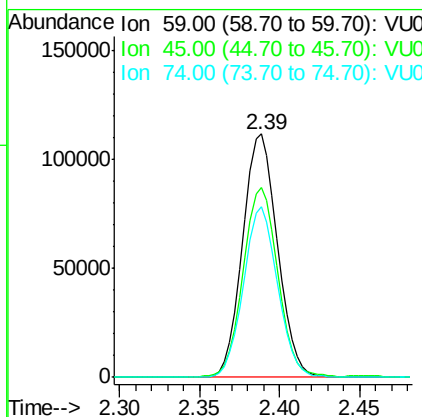
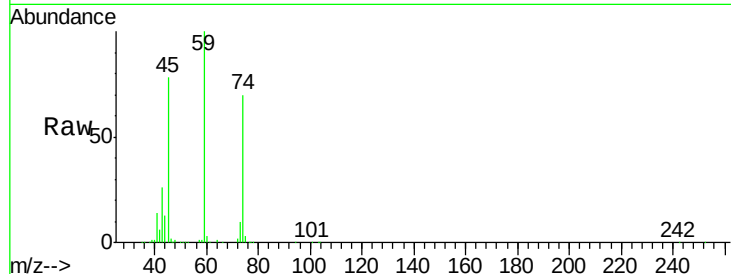
#23
Diethyl Ether
Concen: 10.069 ug/l
RT: 2.39 min Scan# 326
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:	59	Resp:	164913
Ion	Ratio	Lower	Upper
59	100		
45	77.6	61.4	92.2
74	68.8	55.0	82.4

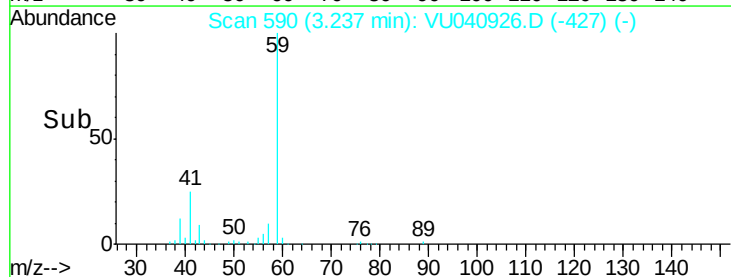
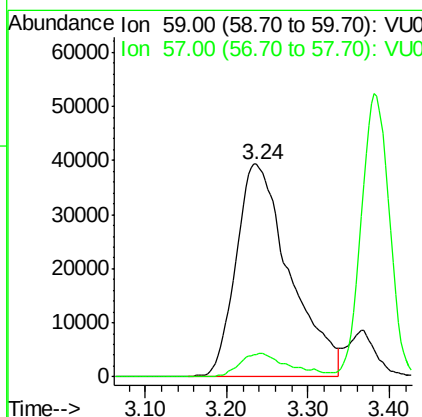
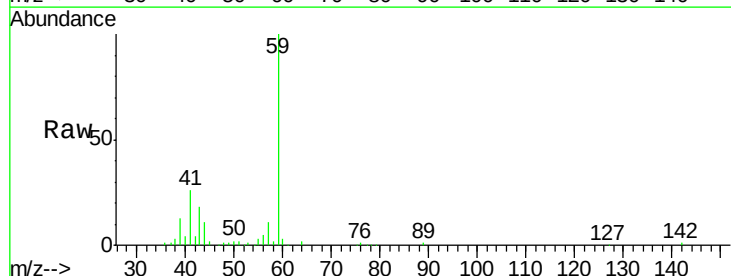
Manual Integrations
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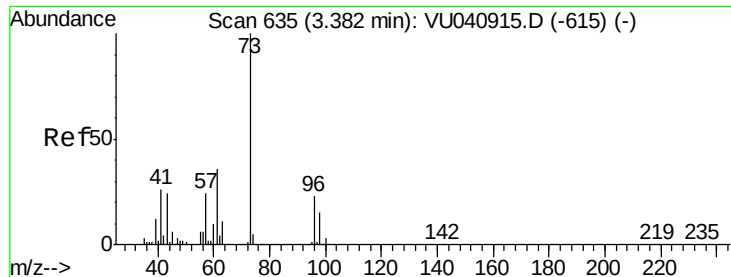
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#24
tert-Butyl Alcohol
Concen: 98.264 ug/l
RT: 3.24 min Scan# 590
Delta R.T. 0.02 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion:	59	Resp:	179538
Ion	Ratio	Lower	Upper
59	100		
57	9.2	8.4	12.6





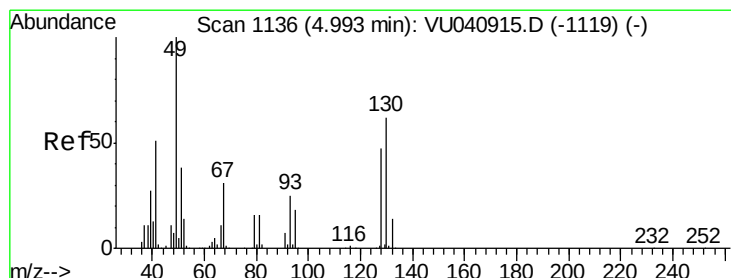
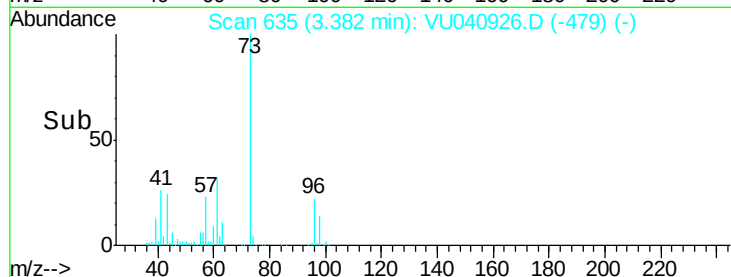
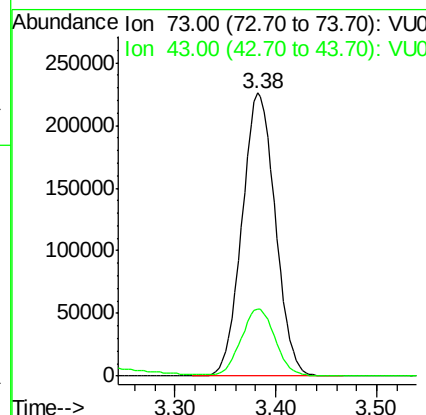
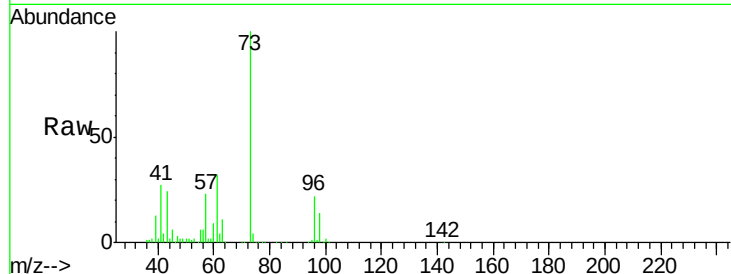
#25
Methvl tert-Butvl Ether
Concen: 10.019 ug/l
RT: 3.38 min Scan# 635
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
73	100		
43	24.2	19.0	28.6

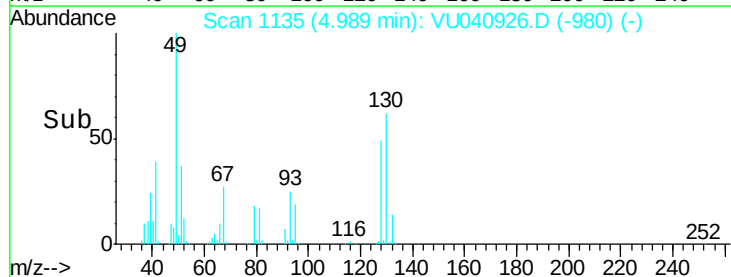
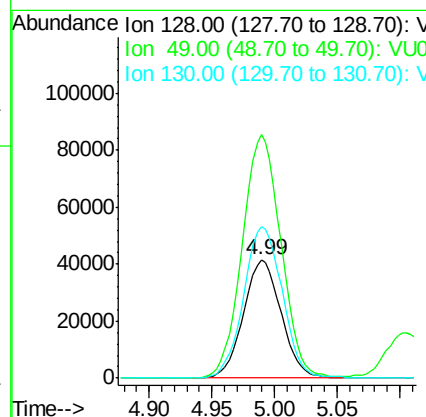
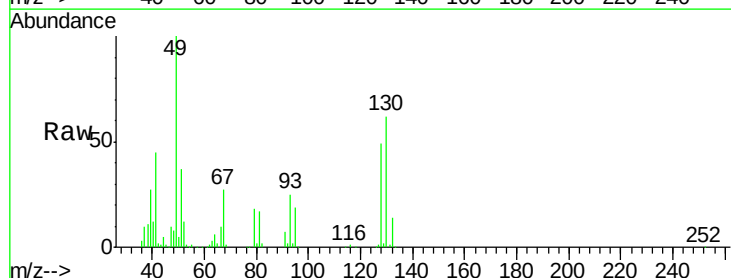
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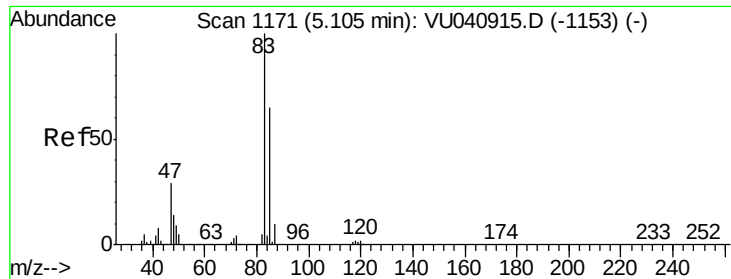
MMDadoda
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#26
Bromochloromethane
Concen: 9.968 ug/l
RT: 4.99 min Scan# 1135
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
128	100		
49	211.2	0.0	426.4
130	130.9	106.2	159.4





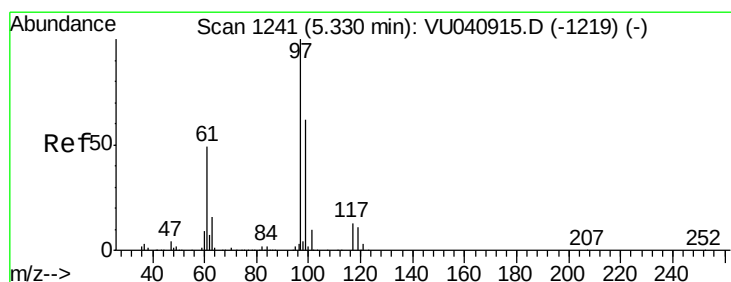
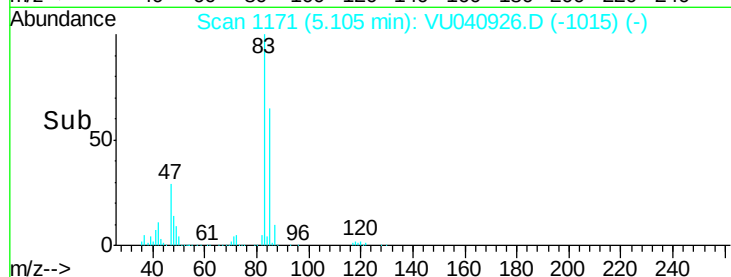
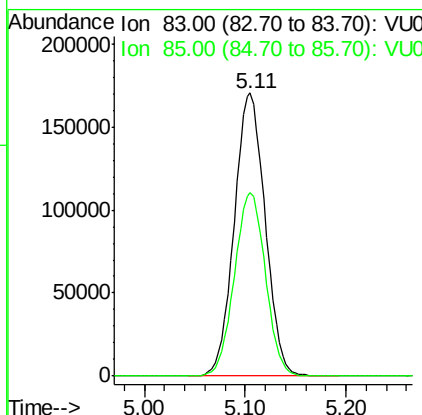
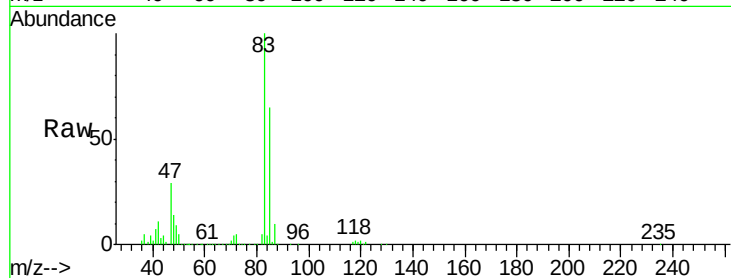
#27
Chloroform
Concen: 9.862 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	83	Resp	361908
Ion	Ratio	Lower	Upper
83	100		
85	65.0	0.0	129.0

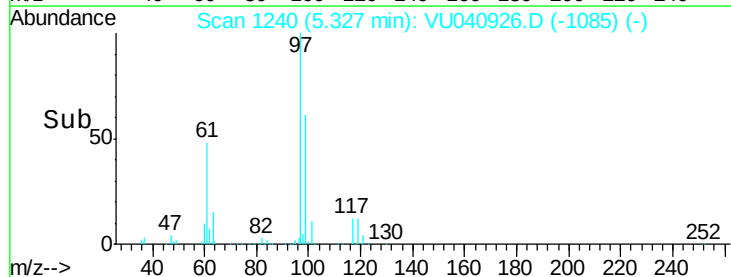
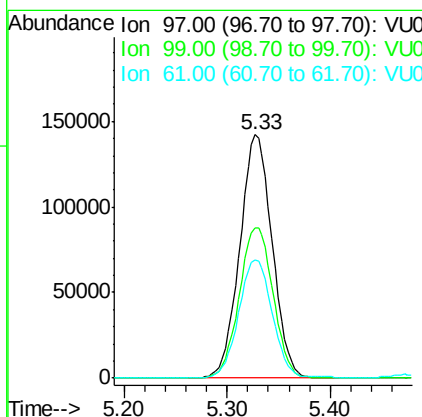
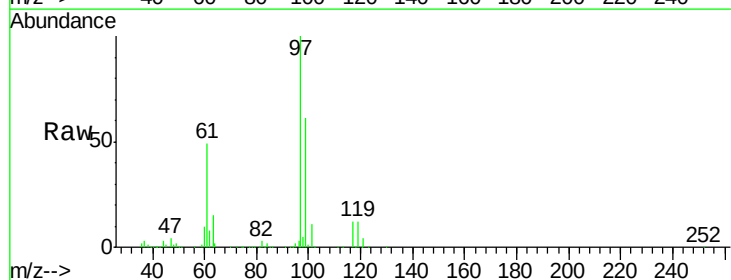
Manual Integrations
APPROVED

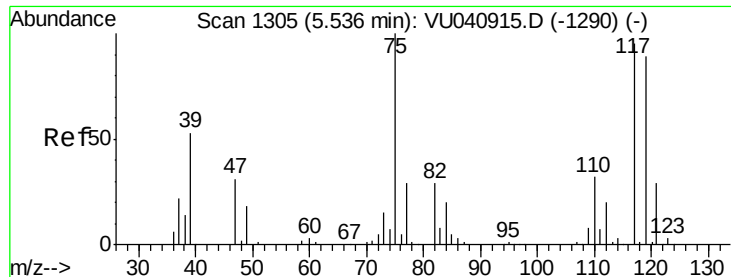
MMDadoda
10/26/2020 4:24:01 PM



#28
1,1,1-Trichloroethane
Concen: 9.807 ug/l
RT: 5.33 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	97	Resp	310301
Ion	Ratio	Lower	Upper
97	100		
99	64.6	31.4	94.3
61	50.3	24.7	74.1





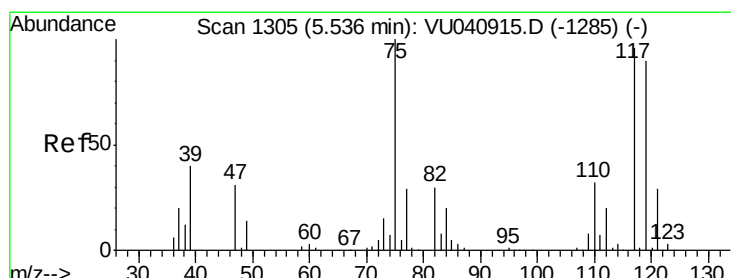
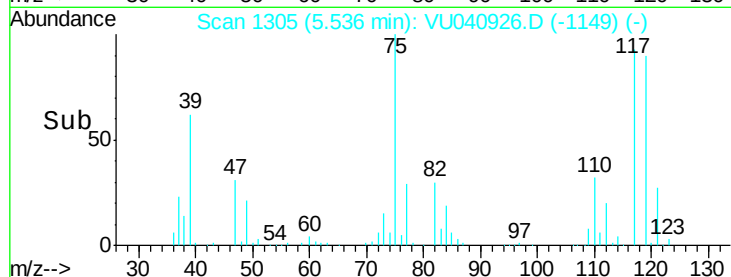
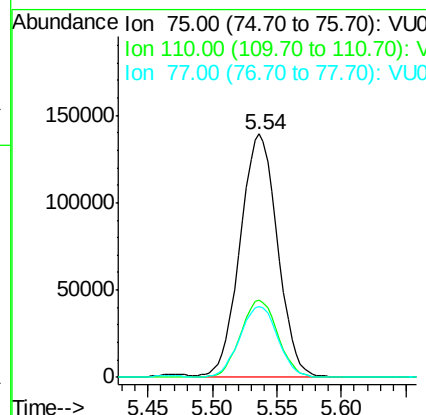
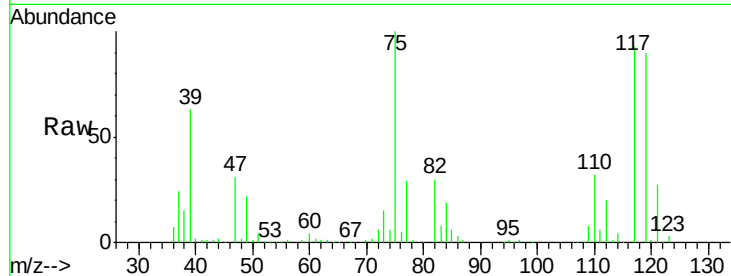
#29
1,1-Dichloropropene
Concen: 10.107 ug/l
RT: 5.54 min Scan# 1305
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
110	31.9	15.9	47.6	
77	29.8	24.2	36.2	

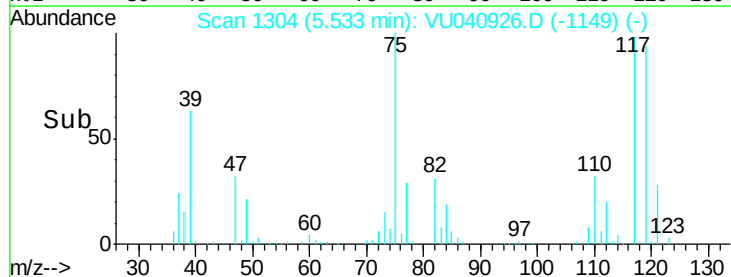
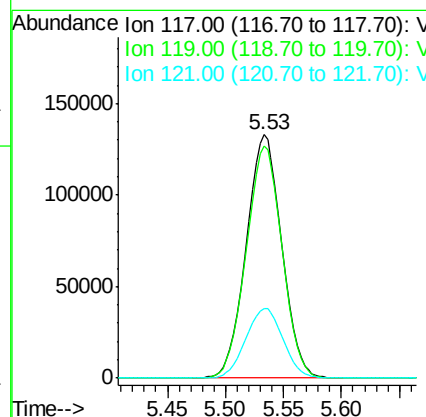
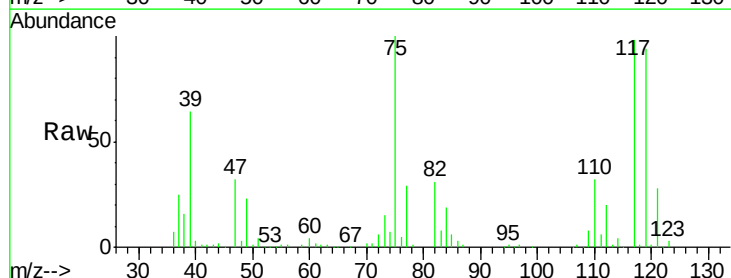
Manual Integrations
APPROVED

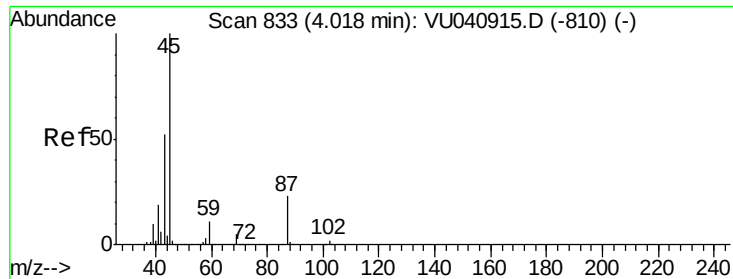
MMDadoda
10/26/2020 4:24:01 PM



#30
Carbon Tetrachloride
Concen: 9.877 ug/l
RT: 5.53 min Scan# 1304
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.5	74.9	112.3	
121	28.7	24.1	36.1	





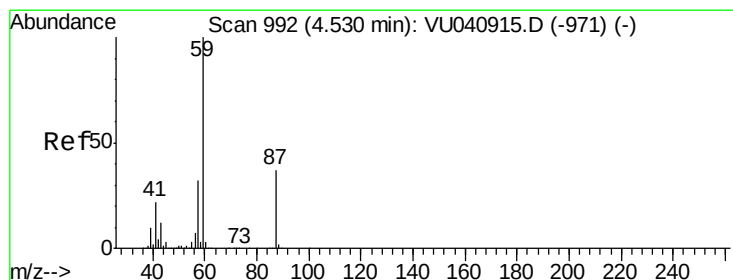
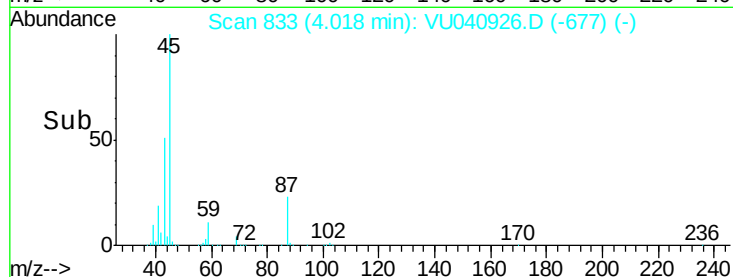
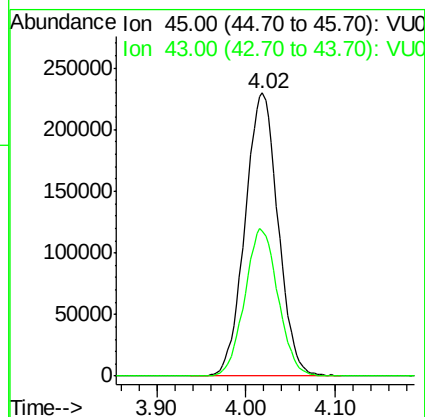
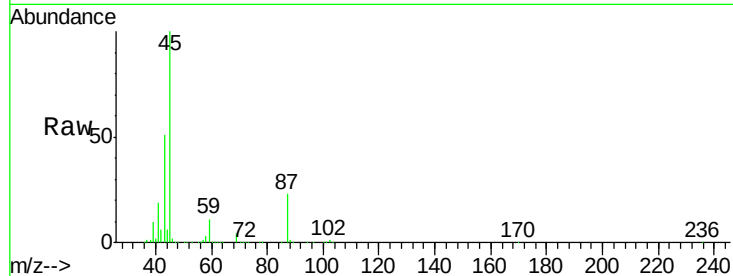
#31
Isopropyl Ether
Concen: 9.922 ug/l
RT: 4.02 min Scan# 833
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	45	Ratio	Lower	Upper
45	100			
43	52.3	26.8	80.3	

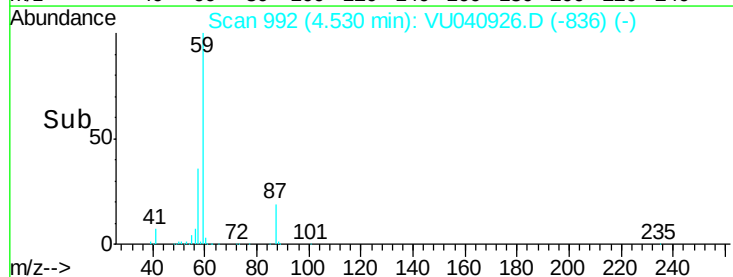
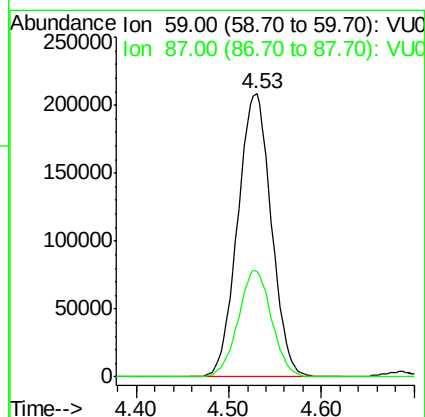
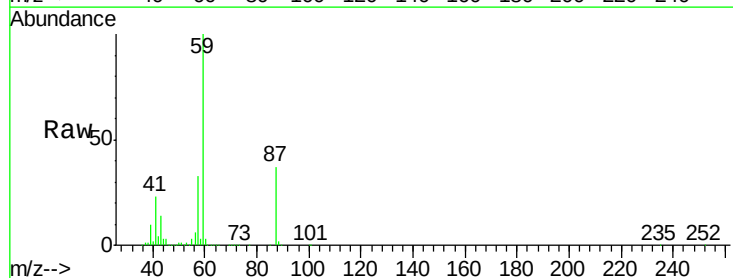
Manual Integrations
APPROVED

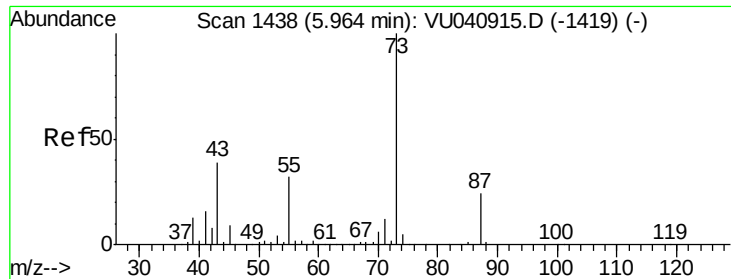
MMDadoda
10/26/2020 4:24:01 PM



#32
Ethyl-t-butyl ether
Concen: 10.002 ug/l
RT: 4.53 min Scan# 992
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	59	Ratio	Lower	Upper
59	100			
87	37.4	30.6	46.0	





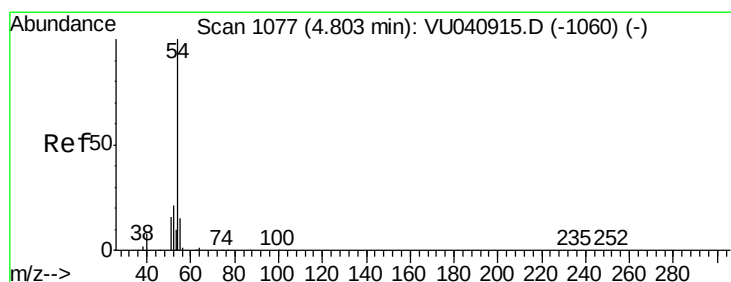
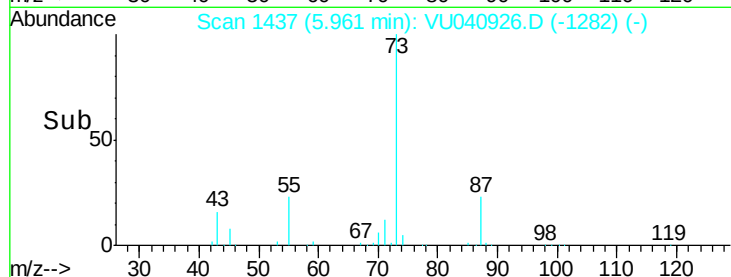
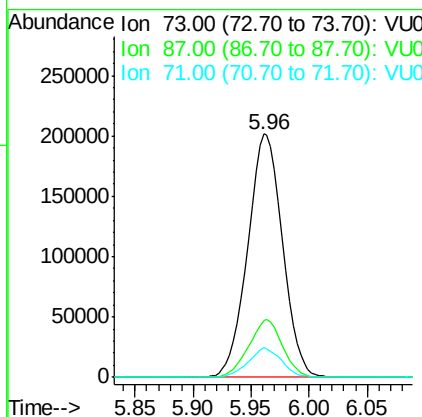
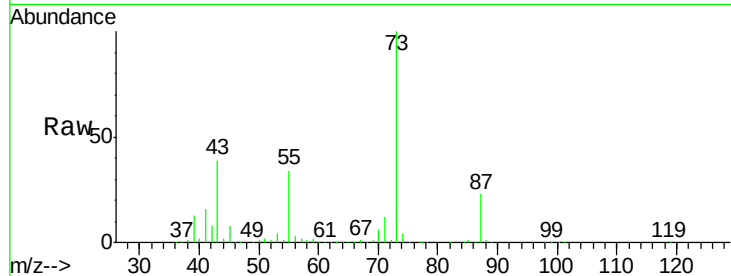
#33
Tert-Butyl methyl ether
Concen: 10.789 ug/l
RT: 5.96 min Scan# 1437
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	73	Resp	420216
Ion	Ratio	Lower	Upper
73	100		
87	23.1	19.0	28.4
71	11.6	9.7	14.5

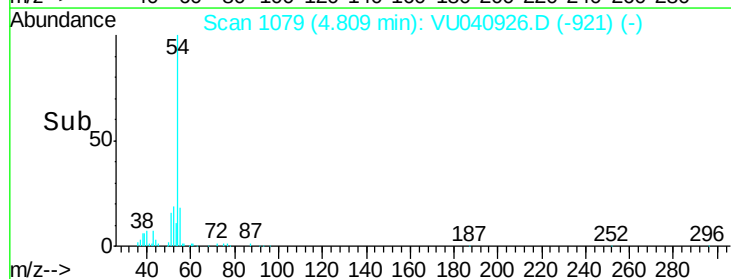
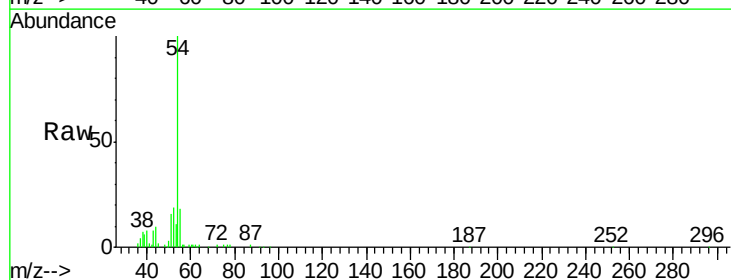
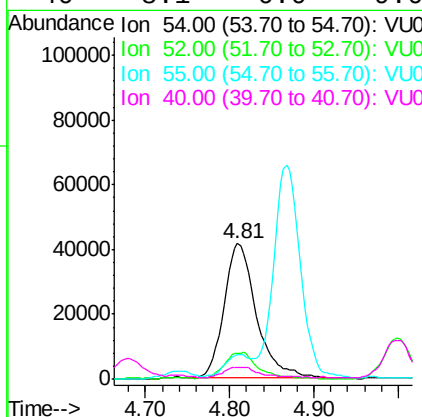
Manual Integrations
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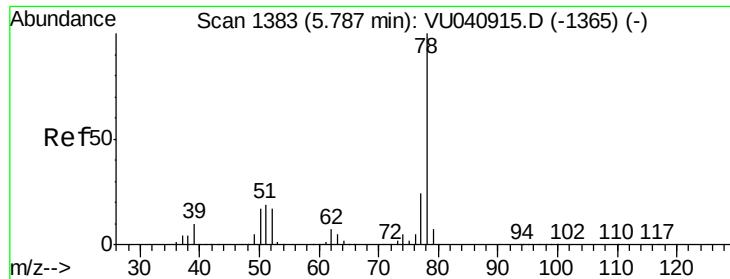
MMDadoda
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#34
Propionitrile
Concen: 50.917 ug/l
RT: 4.81 min Scan# 1079
Delta R.T. 0.01 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	54	Resp	110688
Ion	Ratio	Lower	Upper
54	100		
52	20.2	15.5	23.3
55	13.6	12.5	18.7
40	8.1	6.0	9.0





#35

Benzene

Concen: 10.111 ug/l

RT: 5.78 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 78 Resp: 776959

Ion Ratio Lower Upper

78 100

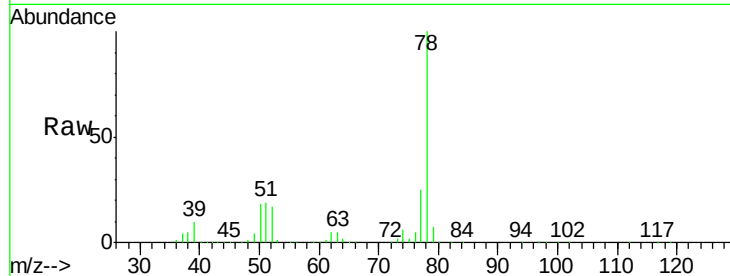
77 24.6 19.4 29.2

Manual Integrations

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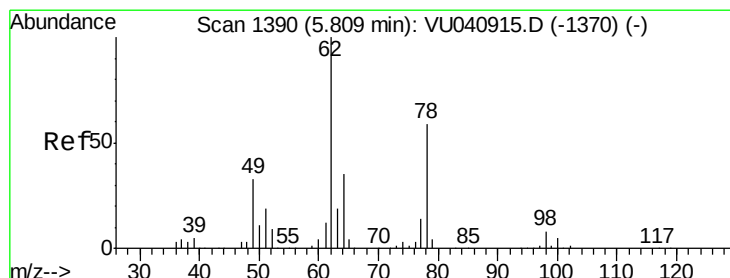
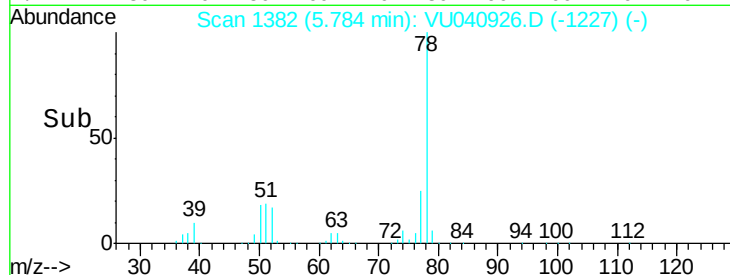
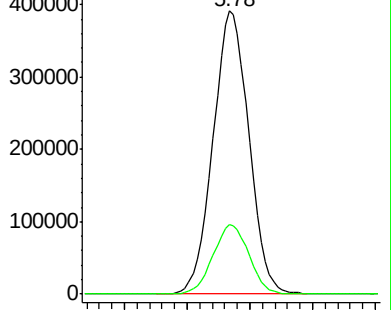
MMDadoda

10/26/2020 4:24:01 PM



Abundance Ion 78.10 (77.80 to 78.80): VU040926.D (-1227) (-)

Ion 77.00 (76.70 to 77.70): VU040926.D (-1227) (-)



#36

1,2-Dichloroethane

Concen: 9.986 ug/l

RT: 5.81 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VU040926.D

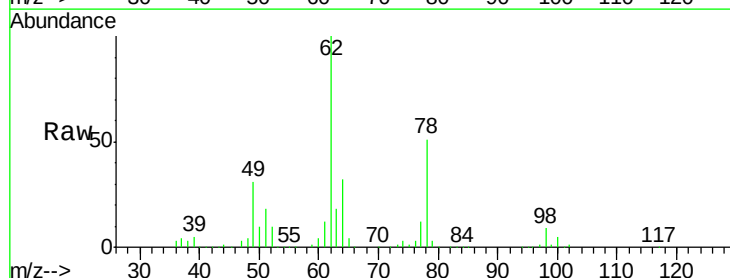
Acq: 23 Oct 2020 09:56

Tgt Ion: 62 Resp: 284459

Ion Ratio Lower Upper

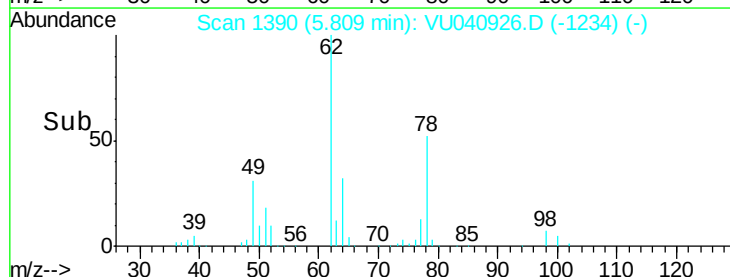
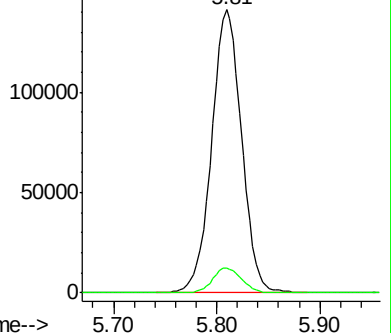
62 100

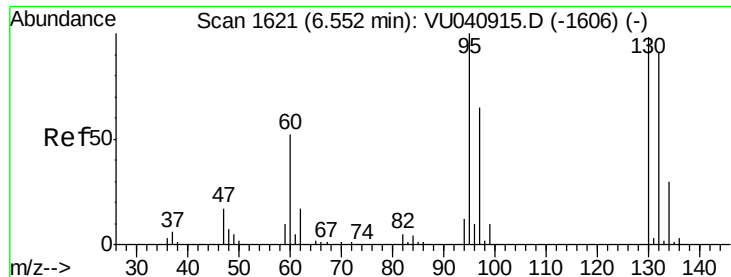
98 8.6 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU040926.D (-1234) (-)

Ion 98.00 (97.70 to 98.70): VU040926.D (-1234) (-)





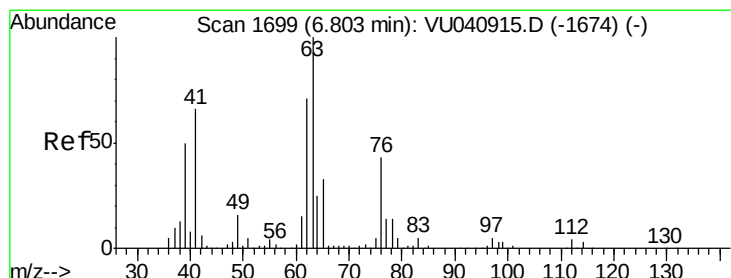
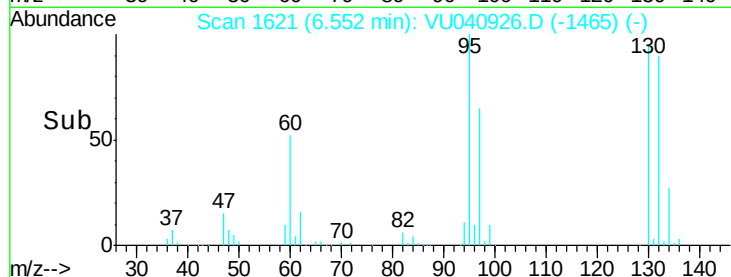
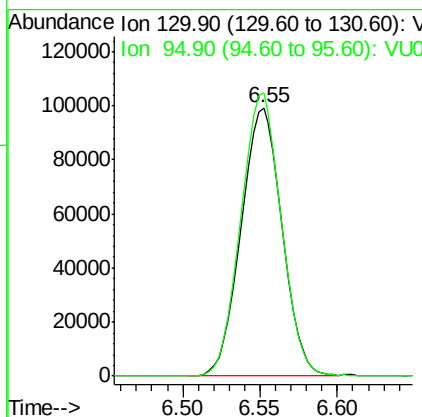
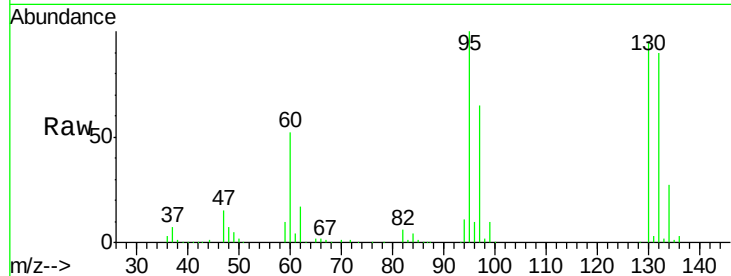
#37
 Trichloroethene
 Concen: 10.083 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Resp	Lower	Upper
130	100	183147		
95	105.4	81.9	122.9	

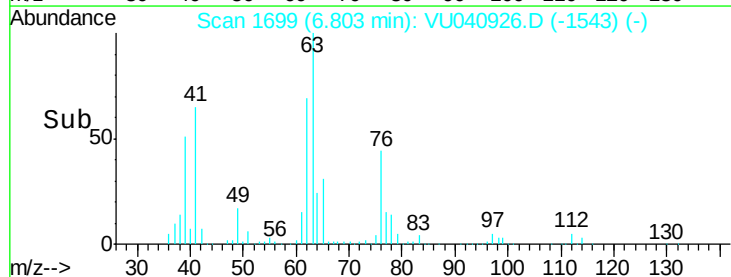
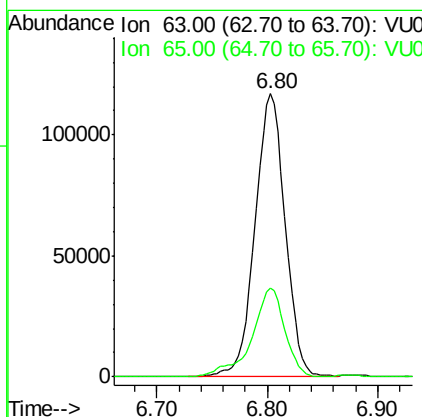
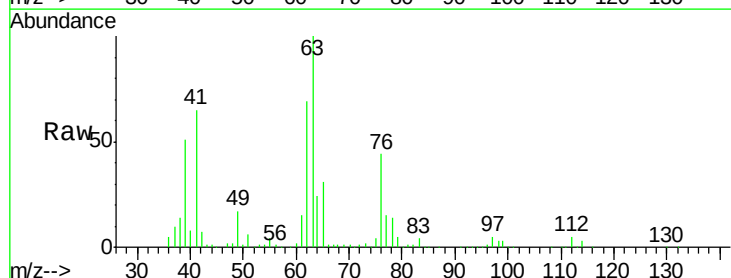
Manual Integrations
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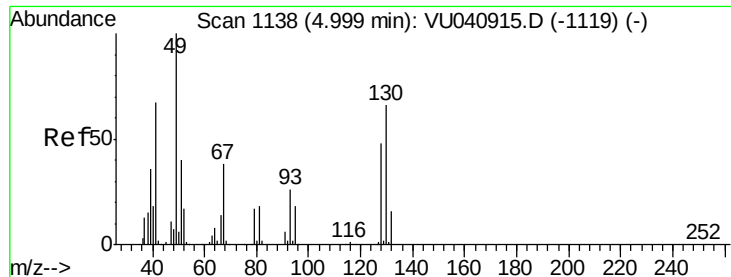
MMDadoda
 10/26/2020 4:24:01 PM



#38
 1,2-Dichloropropane
 Concen: 10.173 ug/l
 RT: 6.80 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	221774		
65	31.3	26.2	39.2	





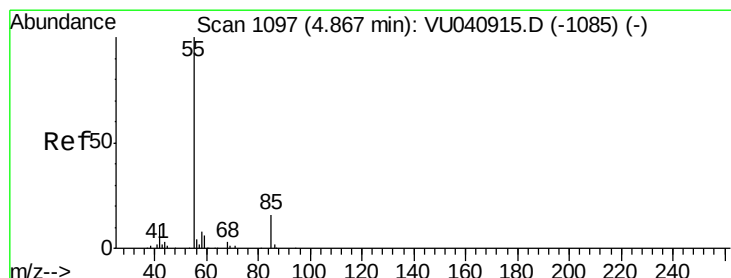
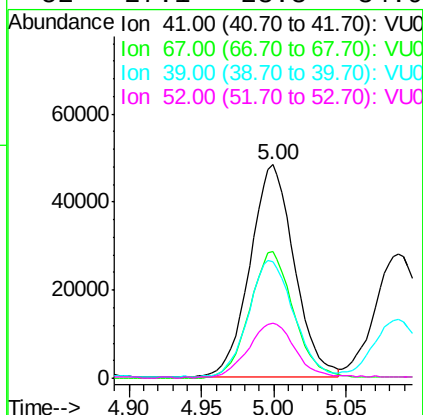
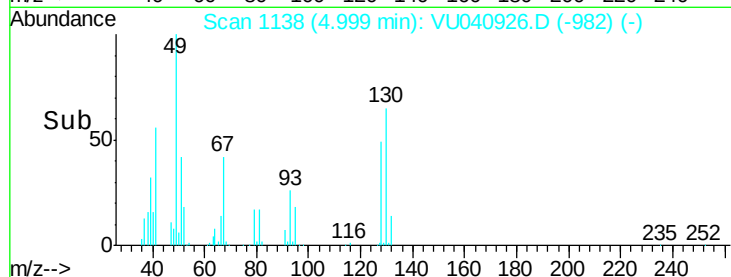
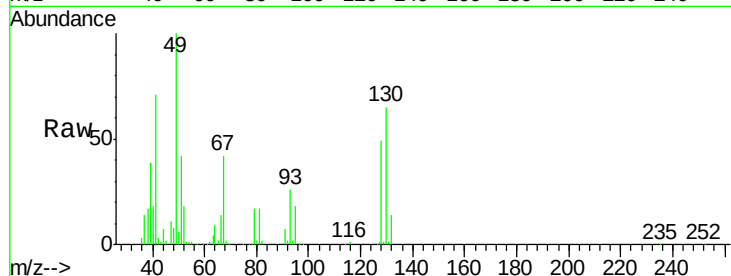
#39
Methacrylonitrile
Concen: 10.037 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
41	100		
67	60.3	48.7	73.1
39	55.8	44.6	67.0
52	27.1	23.3	34.9

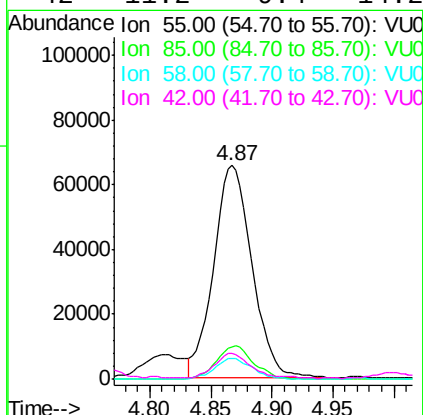
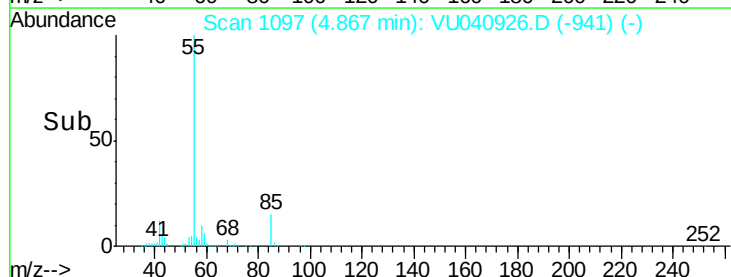
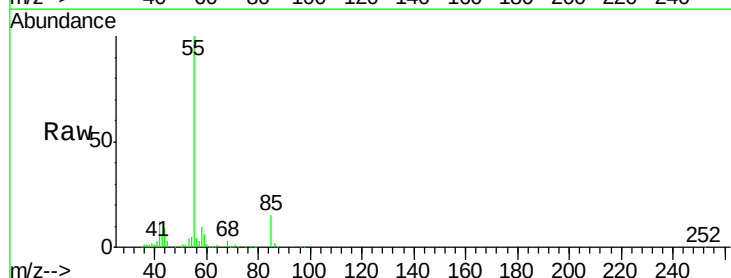
Manual Integrations
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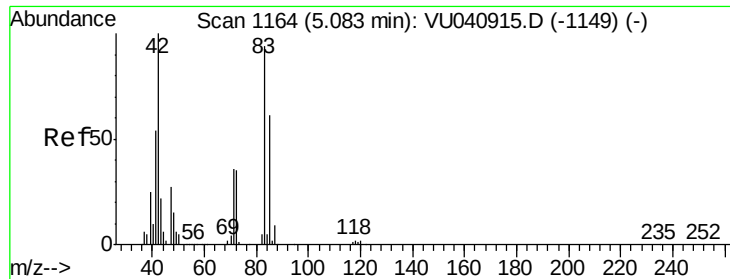
MMDadoda
10/26/2020 4:24:01 PM



#40
Methyl acrylate
Concen: 10.308 ug/l
RT: 4.87 min Scan# 1097
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
55	100		
85	14.9	12.2	18.2
58	9.5	6.8	10.2
42	11.2	9.4	14.2





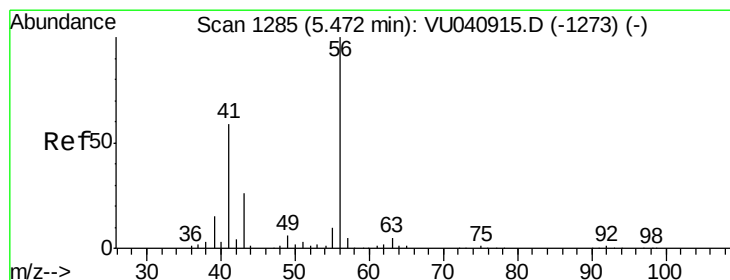
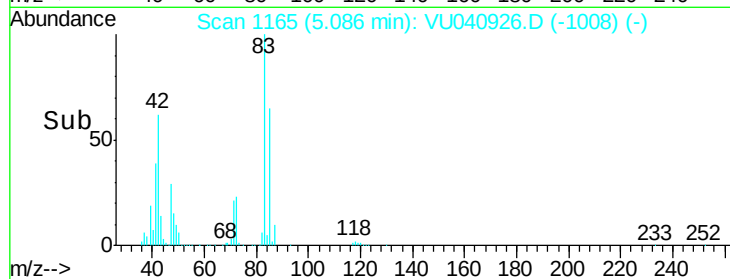
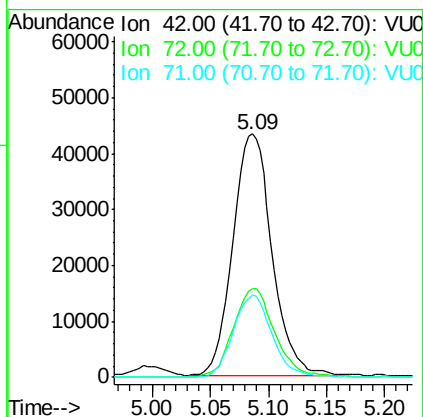
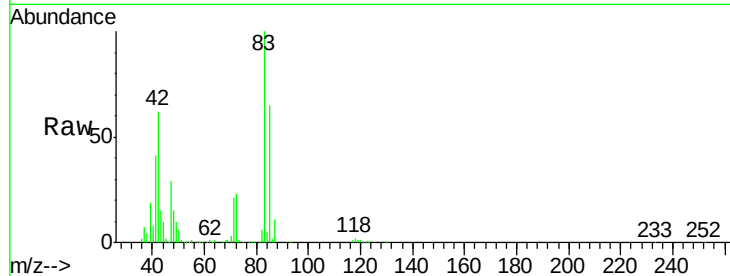
#41
Tetrahydrofuran
Concen: 19.271 ug/l
RT: 5.09 min Scan# 1165
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	30.1	45.1
71	33.8	27.9	41.9

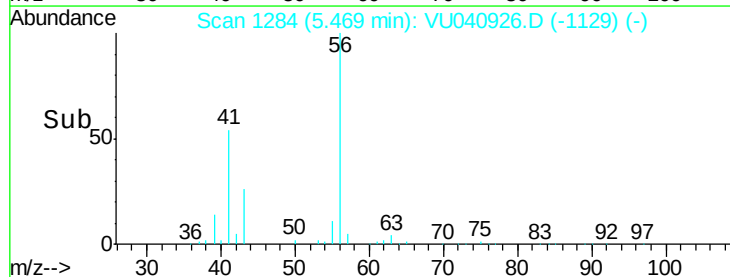
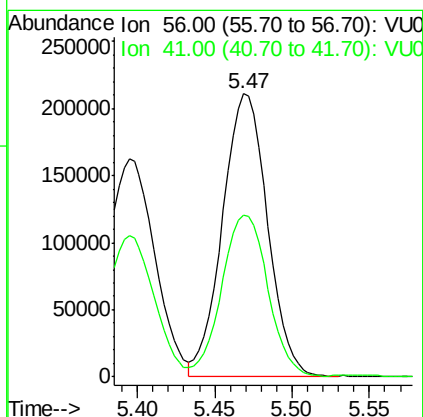
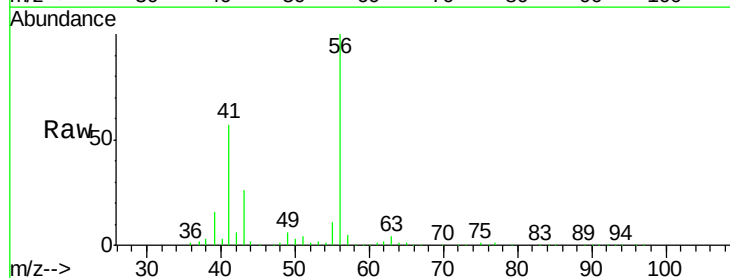
Manual Integrations
APPROVED

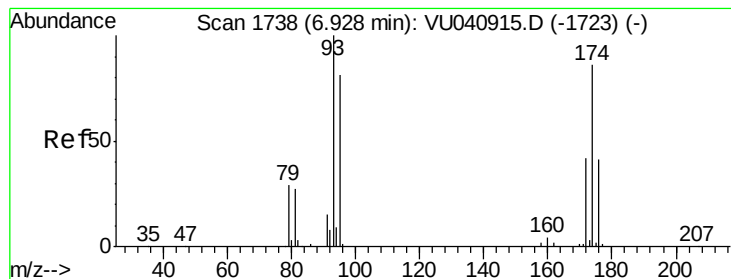
MMDadoda
10/26/2020 4:24:01 PM



#42
1-Chlorobutane
Concen: 10.095 ug/l
RT: 5.47 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
56	100		
41	58.2	29.6	88.8





#43

Dibromomethane

Concen: 10.154 ug/l

RT: 6.93 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 93 Resp: 124058

Ion Ratio Lower Upper

93 100

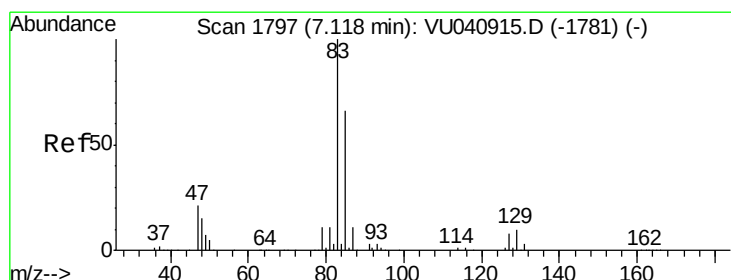
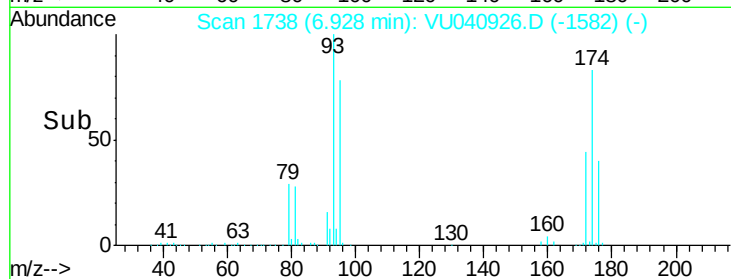
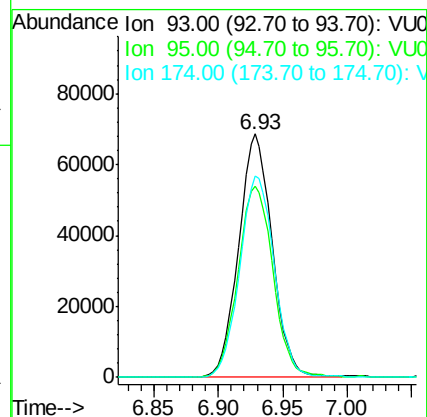
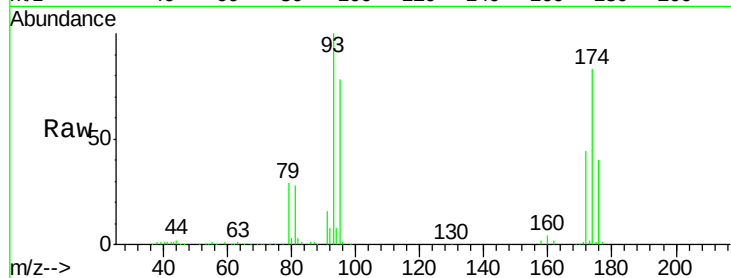
95 81.7 66.3 99.5

174 85.6 70.4 105.6

Manual Integrations
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10/26/2020 4:24:01 PM



#44

Bromodichloromethane

Concen: 10.210 ug/l

RT: 7.11 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

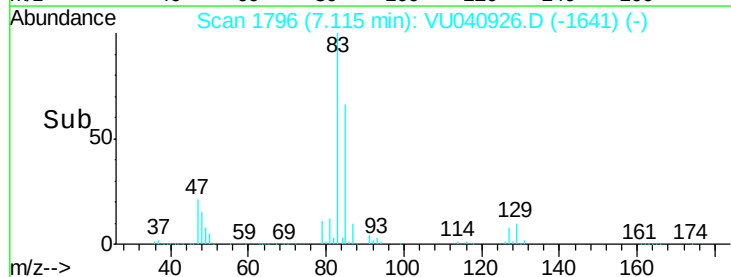
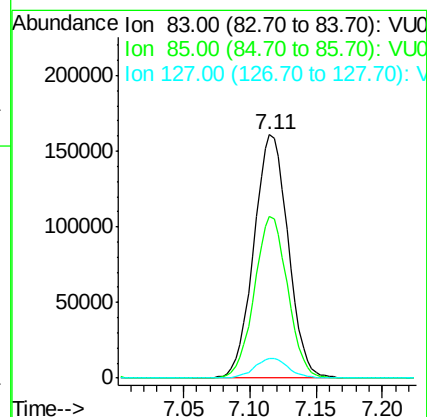
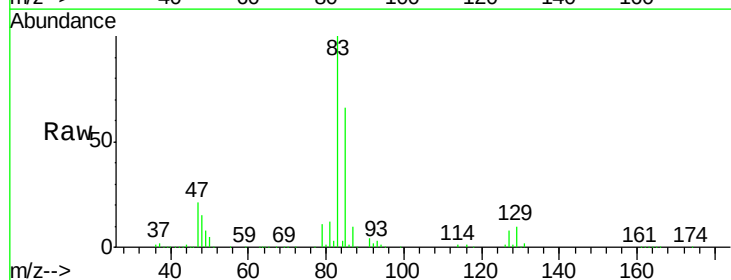
Tgt Ion: 83 Resp: 289636

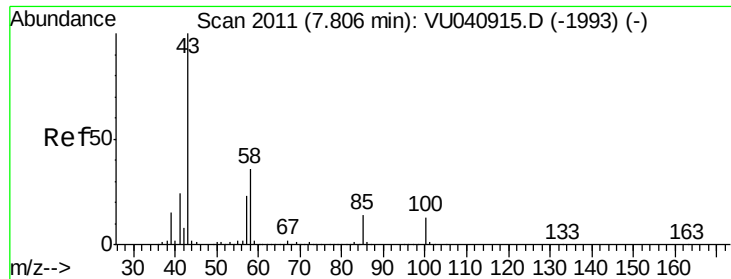
Ion Ratio Lower Upper

83 100

85 66.5 52.6 78.8

127 8.1 6.4 9.6





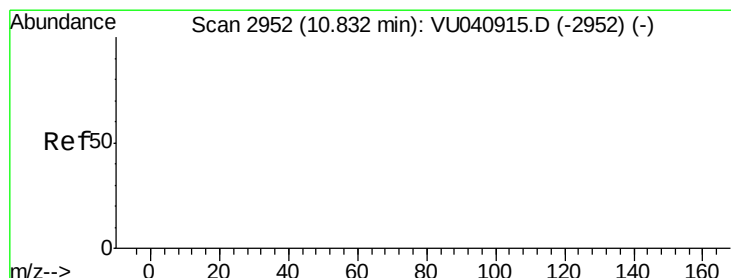
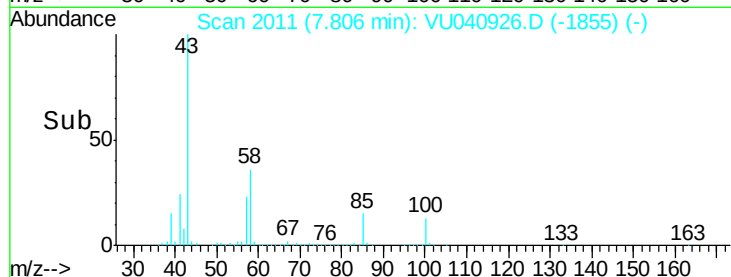
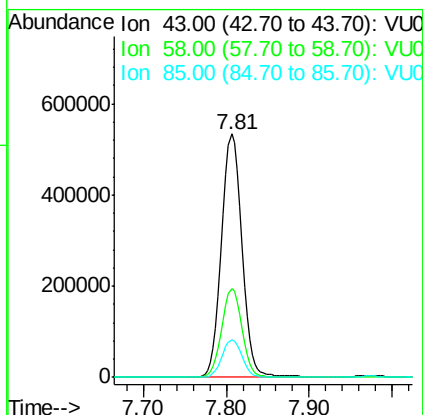
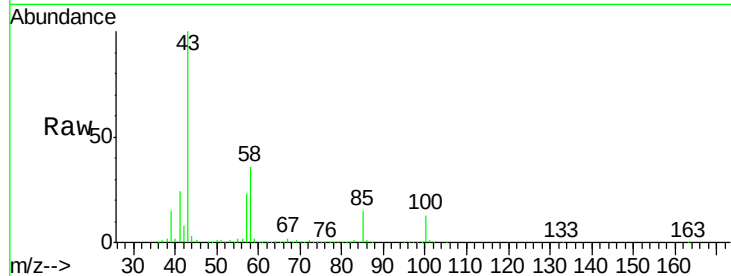
#45
4-Methyl-2-Pentanone
Concen: 57.160 ug/l
RT: 7.81 min Scan# 2011
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	43	Resp	916880
Ion Ratio	Lower	Upper	
43	100		
58	35.6	17.8	53.5
85	15.0	11.4	17.2

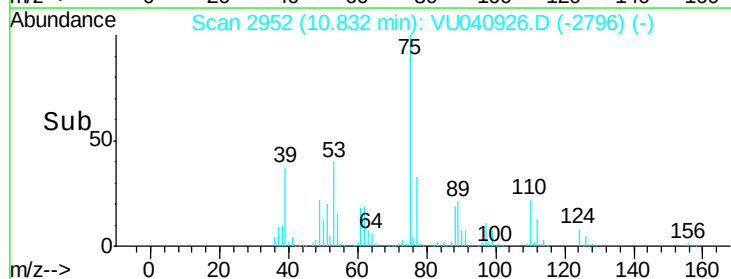
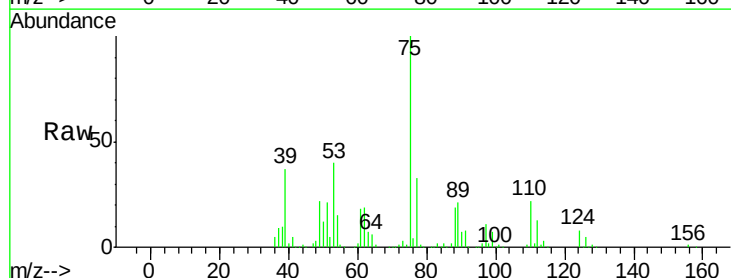
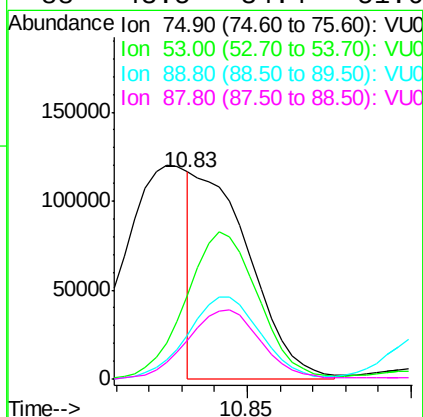
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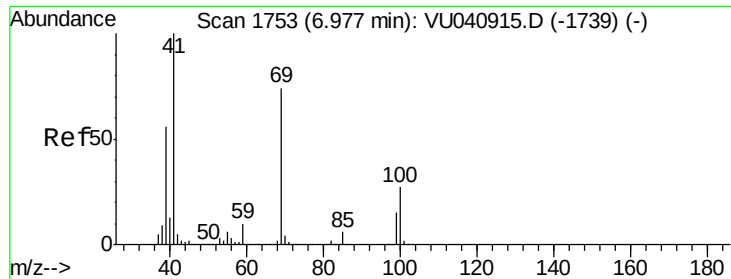
MMDadoda
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#46
t-1,4-Dichloro-2-butene
Concen: 22.000 ug/l m
RT: 10.83 min Scan# 2952
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	75	Resp	139547
Ion Ratio	Lower	Upper	
75	100		
53	91.8	73.0	109.4
89	51.9	41.7	62.5
88	43.5	34.4	51.6





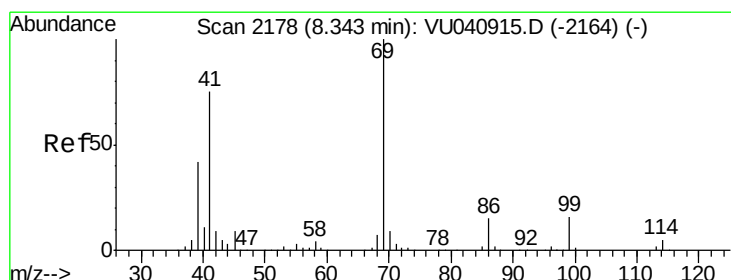
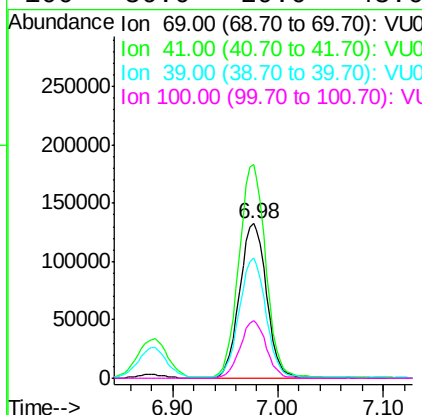
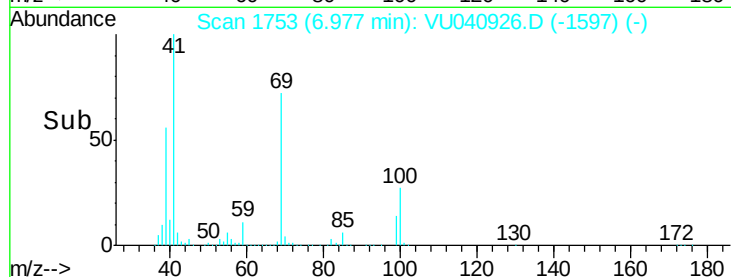
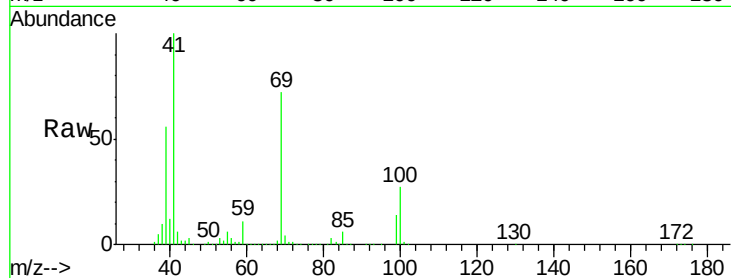
#47
Methyl methacrylate
Concen: 23.118 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	136.0	0.0	270.2		
39	76.3	61.6	92.4		
100	36.0	29.0	43.6		

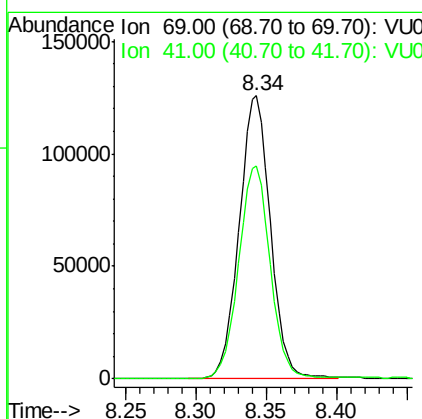
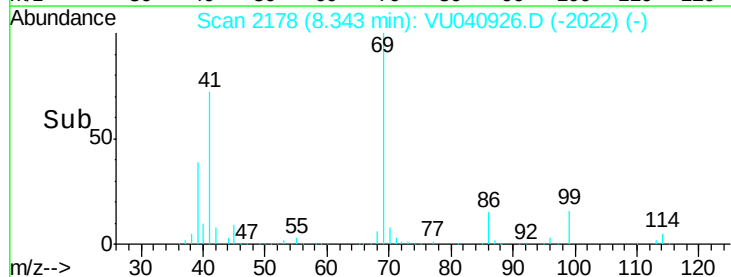
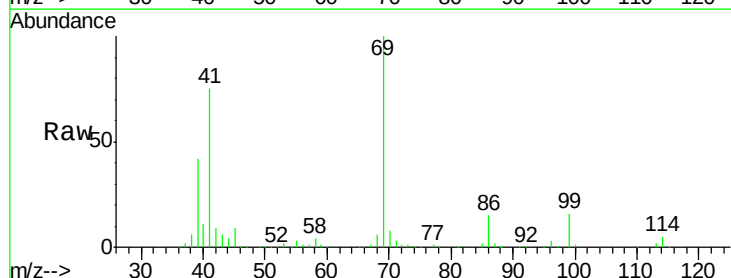
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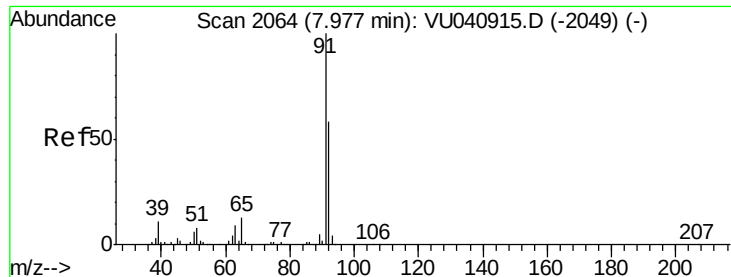
MMDadoda
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#48
Ethyl methacrylate
Concen: 11.407 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	75.5	37.6	112.9		





#49

Toluene

Concen: 11.138 ug/l

RT: 7.97 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 92 Resp: 470695

Ion Ratio Lower Upper

92 100

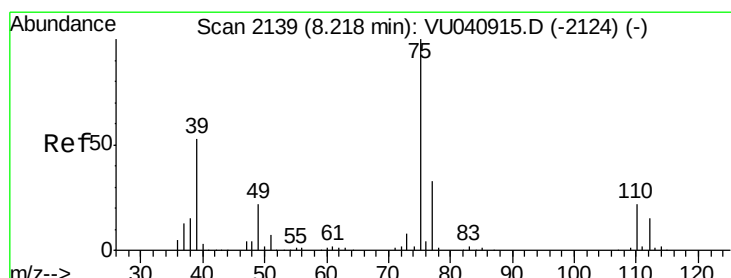
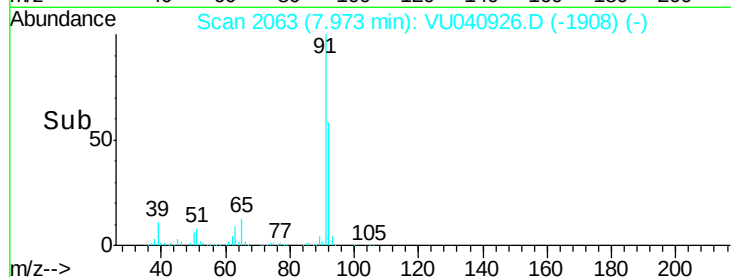
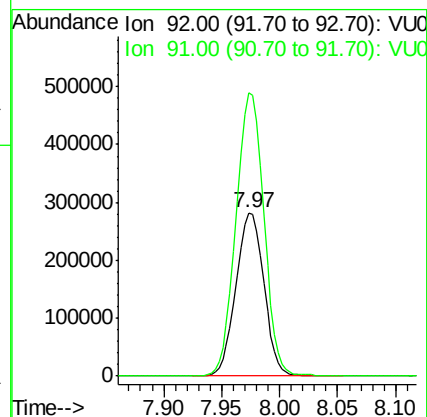
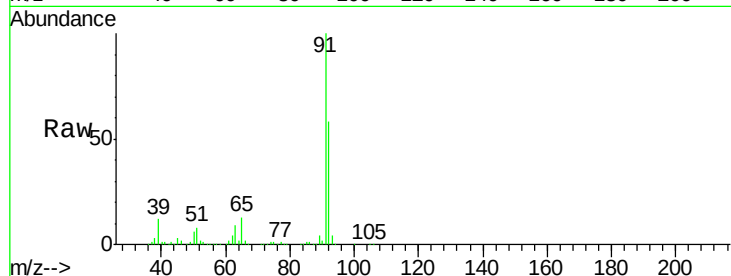
91 173.8 136.8 205.2

Manual Integrations

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#50

t-1,3-Dichloropropene

Concen: 11.166 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040926.D

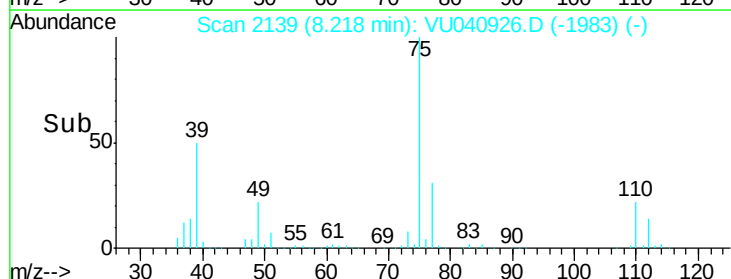
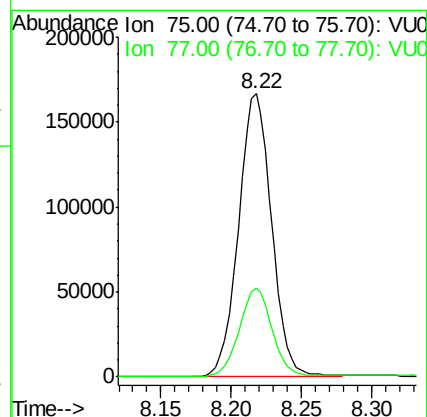
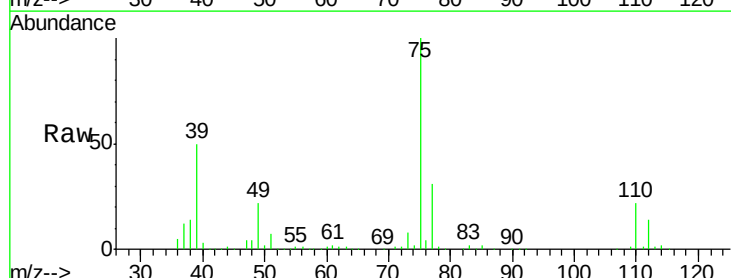
Acq: 23 Oct 2020 09:56

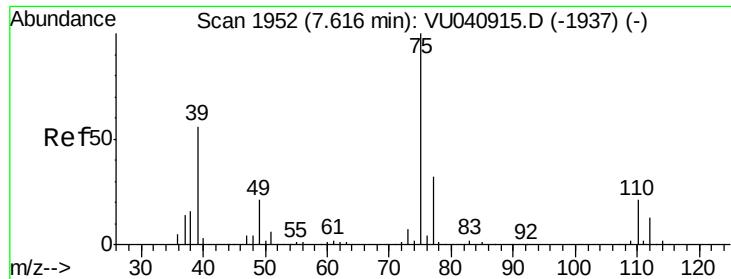
Tgt Ion: 75 Resp: 273756

Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.4





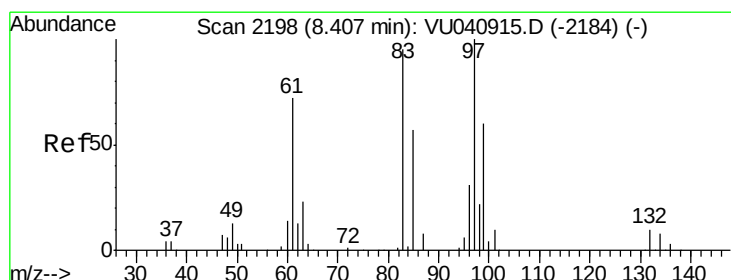
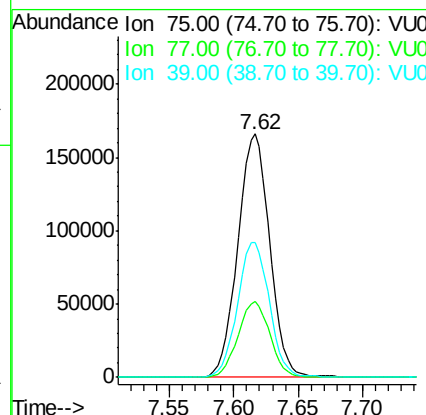
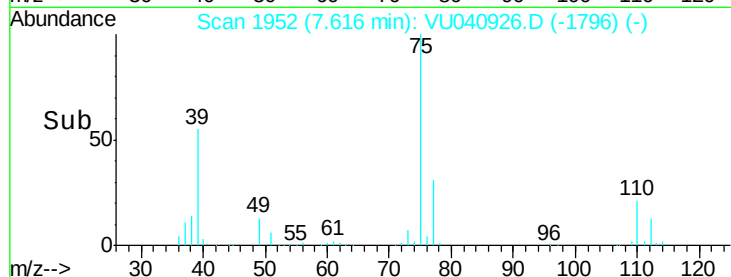
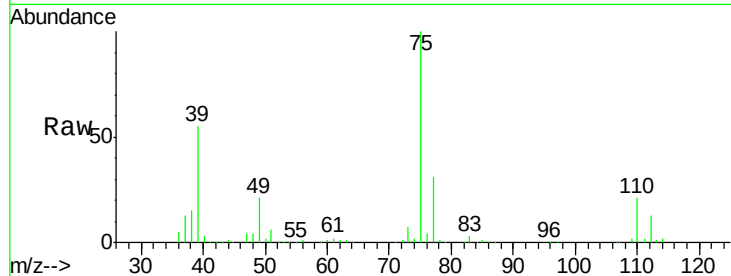
#51
 cis-1,3-Dichloropropene
 Concen: 10.639 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:	75	Resp:	285845
Ion Ratio	Lower	Upper	
75	100		
77	30.9	25.4	38.0
39	55.0	44.7	67.1

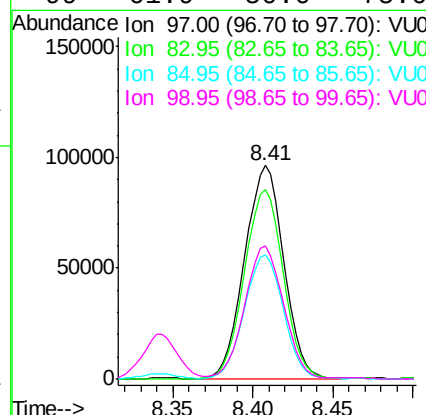
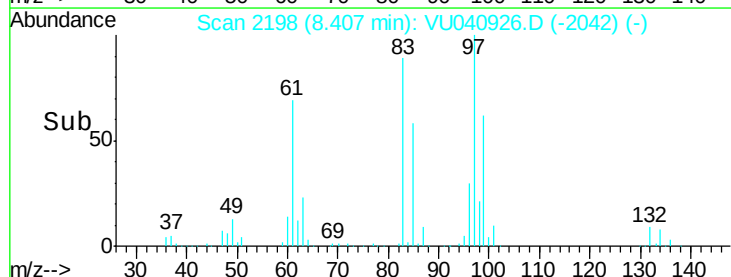
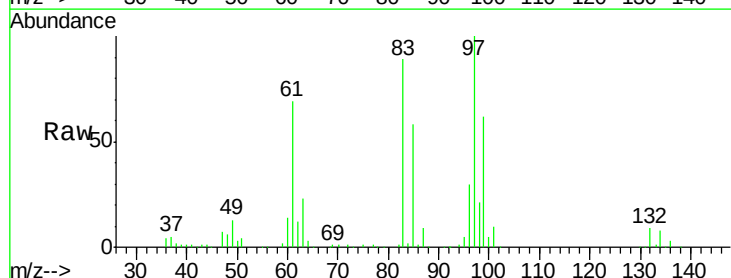
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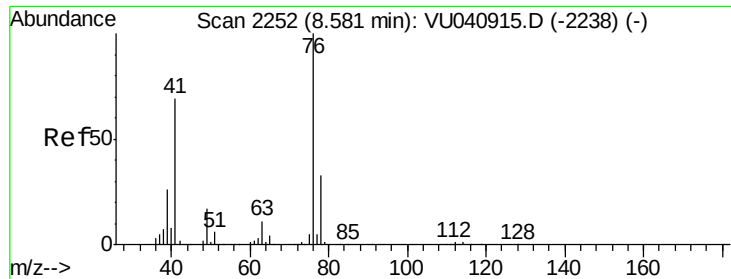
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#52
 1,1,2-Trichloroethane
 Concen: 10.449 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion:	97	Resp:	161417
Ion Ratio	Lower	Upper	
97	100		
83	89.0	75.9	113.9
85	58.0	46.1	69.1
99	61.9	50.0	75.0





#53

1,3-Dichloropropane

Concen: 10.454 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion: 76 Resp: 289929

Ion Ratio Lower Upper

76 100

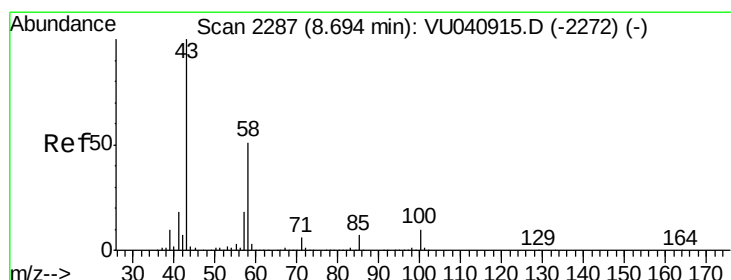
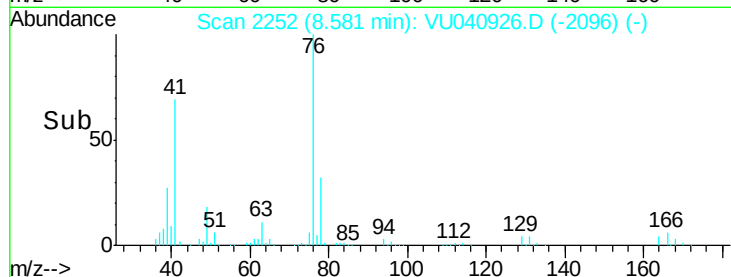
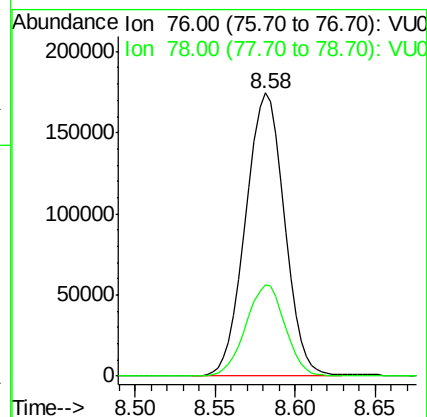
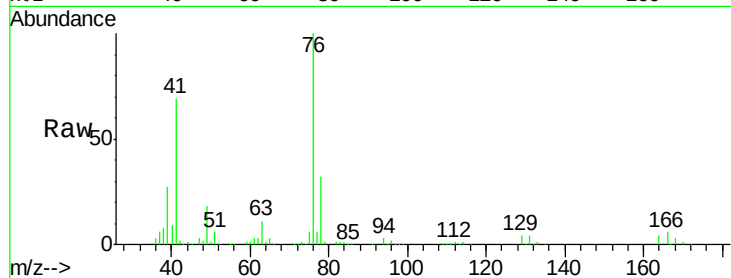
78 32.5 26.6 39.8

Manual Integrations

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#54

2-Hexanone

Concen: 59.812 ug/l

RT: 8.69 min Scan# 2287

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

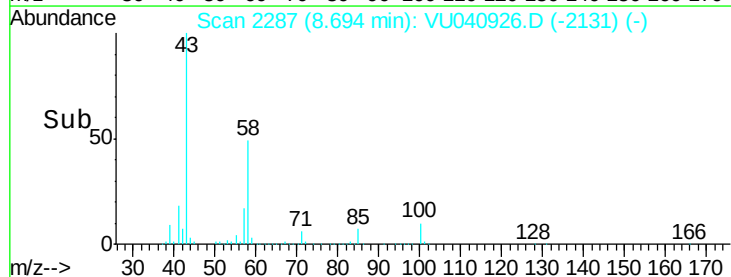
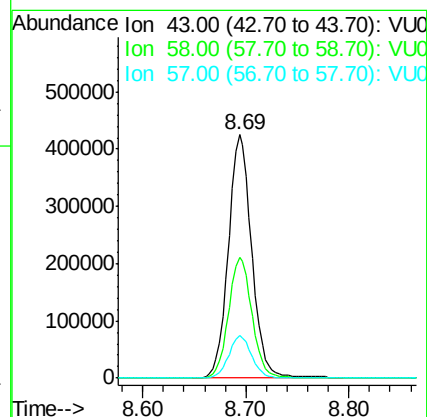
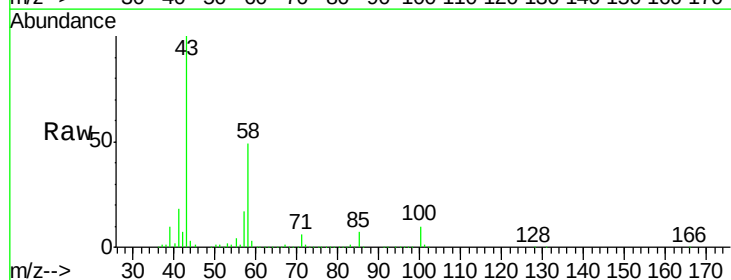
Tgt Ion: 43 Resp: 670289

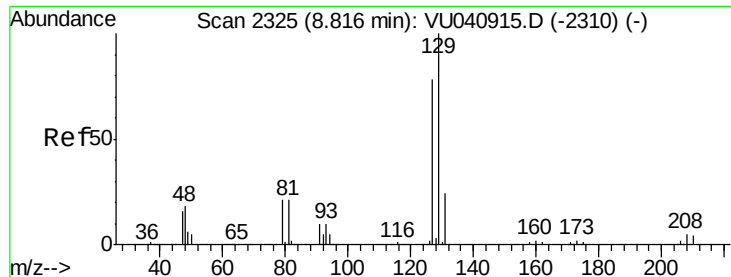
Ion Ratio Lower Upper

43 100

58 49.7 30.2 70.2

57 17.2 0.0 37.4





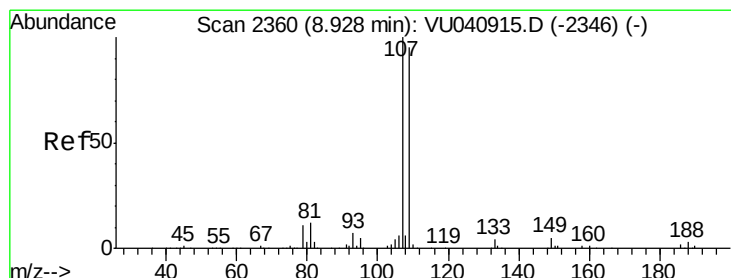
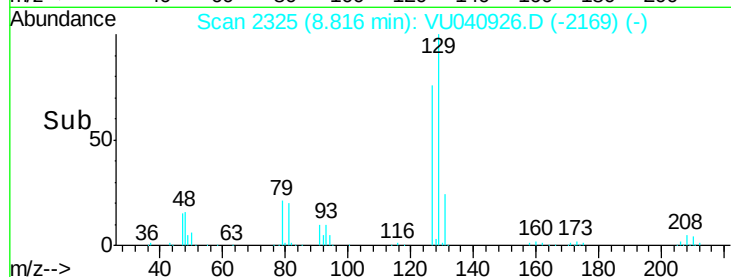
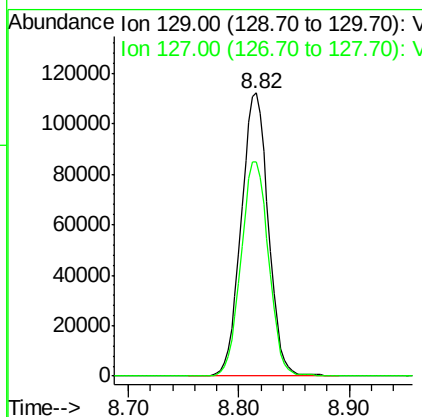
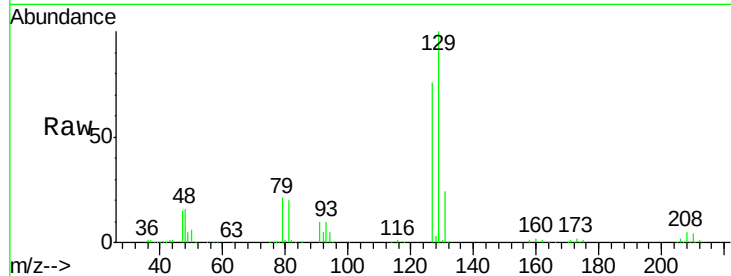
#55
Dibromochloromethane
Concen: 10.321 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.1	63.1	94.7

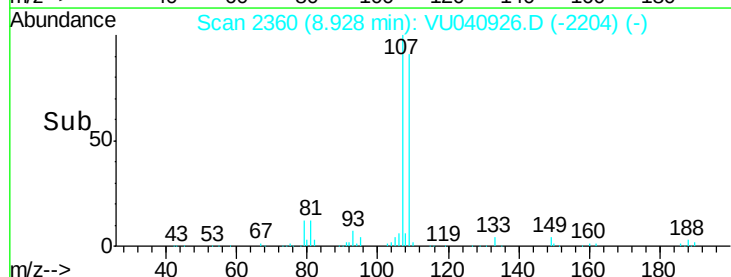
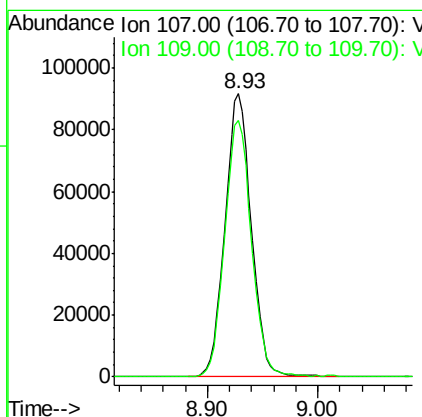
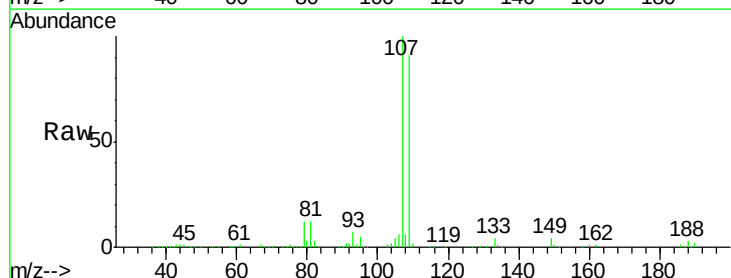
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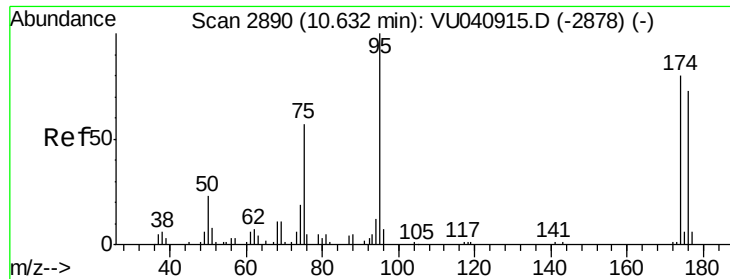
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#56
1,2-Dibromoethane
Concen: 10.626 ug/l
RT: 8.93 min Scan# 2360
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.1	0.0	190.4





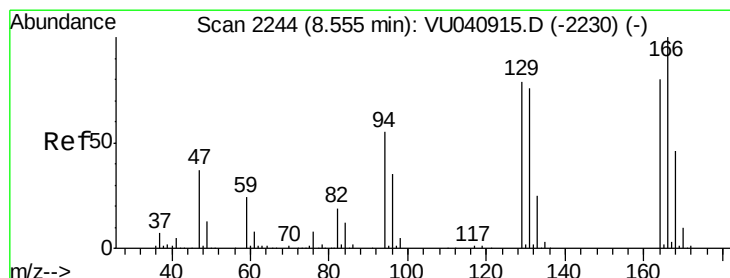
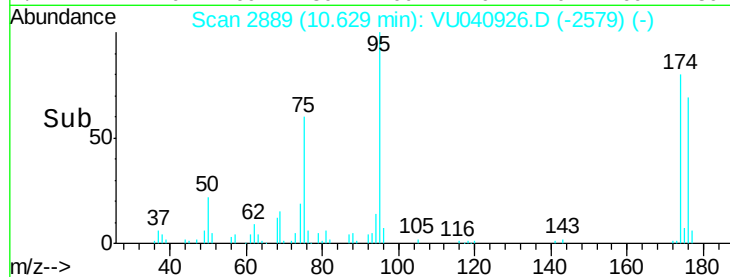
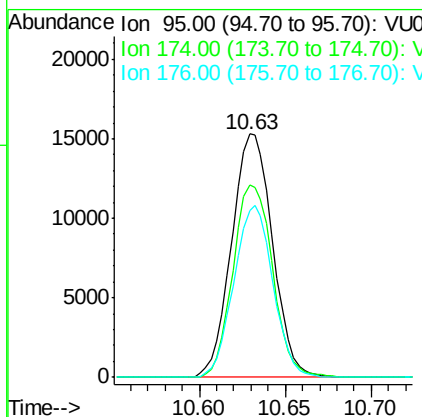
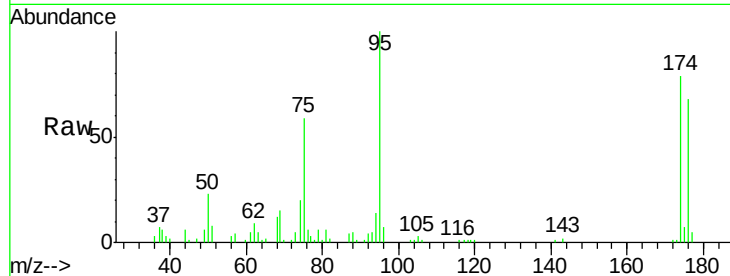
#57
 4-Bromofluorobenzene
 Concen: 1.154 ug/l
 RT: 10.63 min Scan# 2889
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:	95	Resp:	25256
Ion Ratio	Lower	Upper	
95	100		
174	76.9	60.3	90.5
176	67.4	55.6	83.4

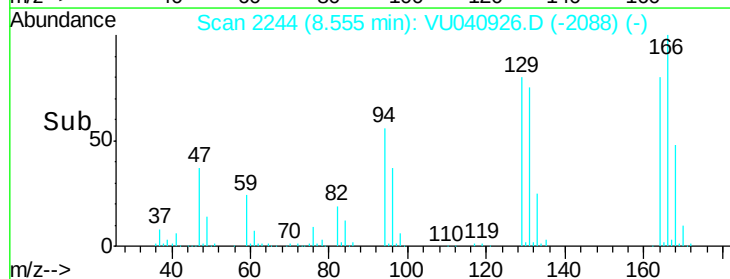
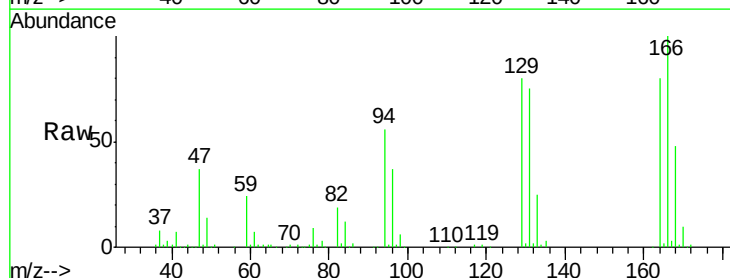
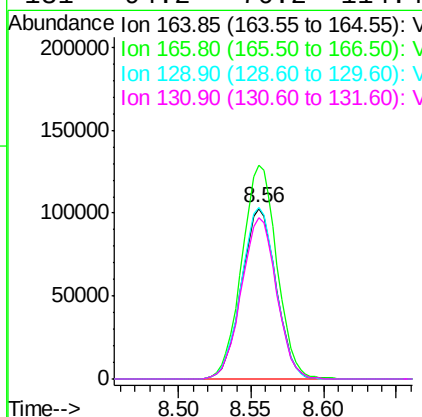
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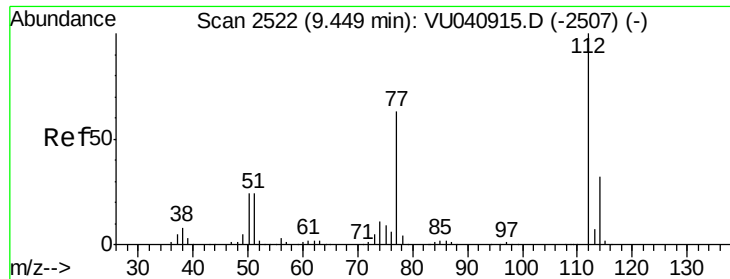
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#58
 Tetrachloroethene
 Concen: 10.065 ug/l
 RT: 8.56 min Scan# 2244
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion:	164	Resp:	170914
Ion Ratio	Lower	Upper	
164	100		
166	125.2	100.3	150.5
129	100.5	79.4	119.0
131	94.2	76.2	114.4





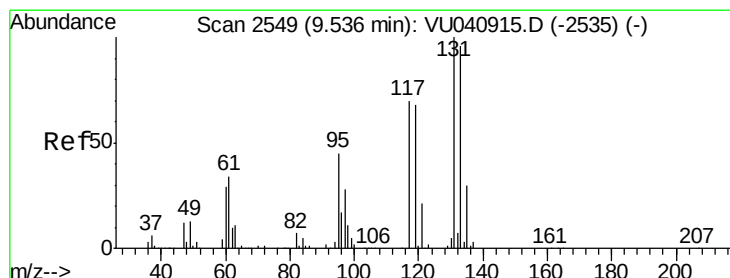
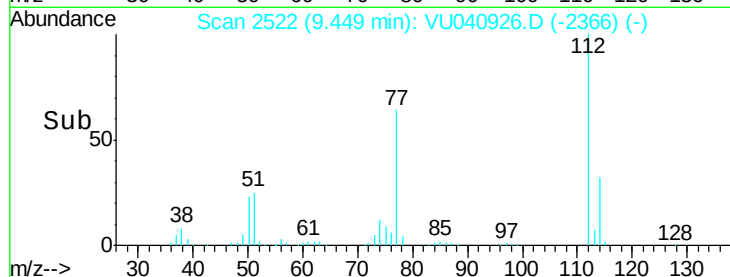
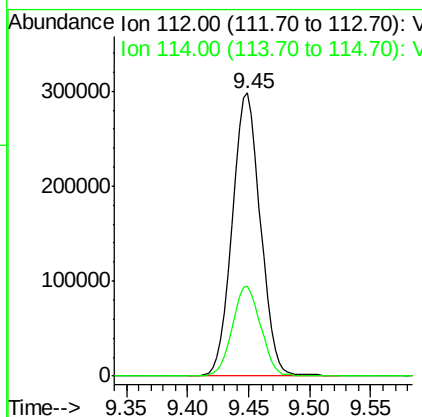
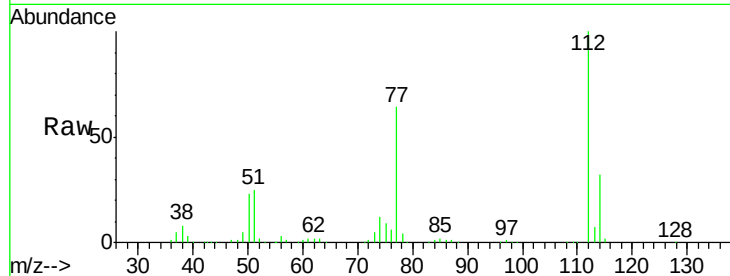
#59
Chlorobenzene
Concen: 10.723 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.8	38.8

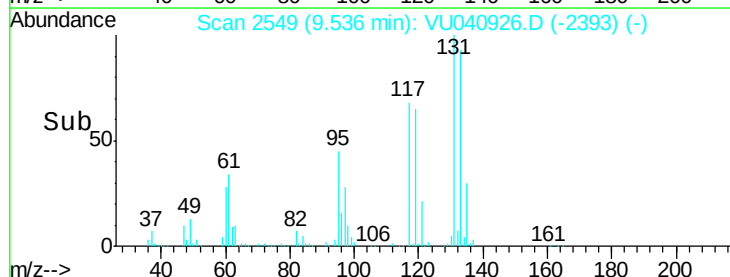
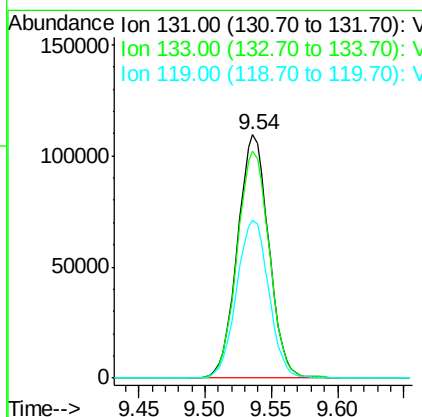
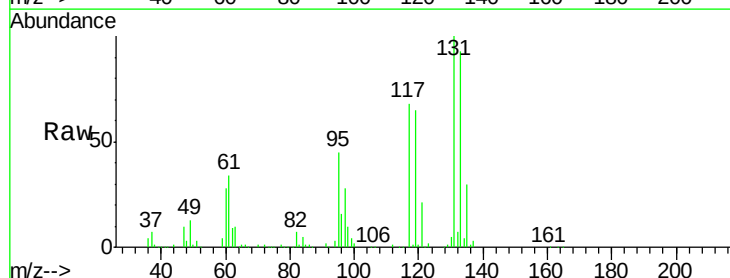
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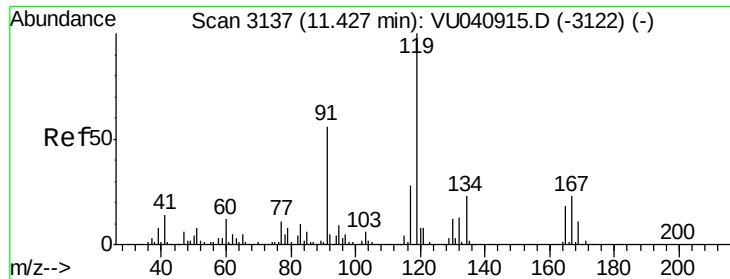
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 10.241 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	77.4	116.0
119	66.5	53.5	80.3





#61

Pentachloroethane

Concen: 10.229 ug/l

RT: 11.42 min Scan# 3136

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:117 Resp: 145233

Ion Ratio Lower Upper

117 100

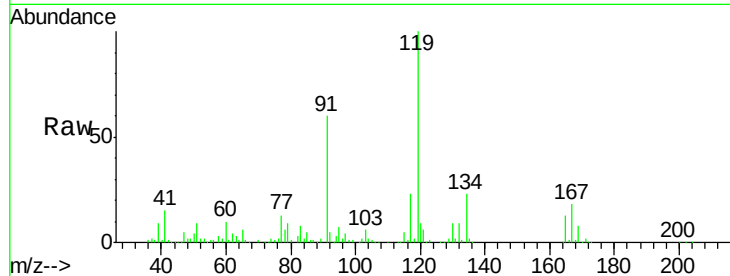
167 74.4 59.4 89.2

Manual Integrations

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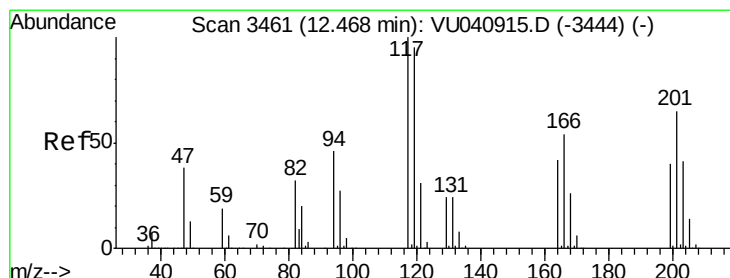
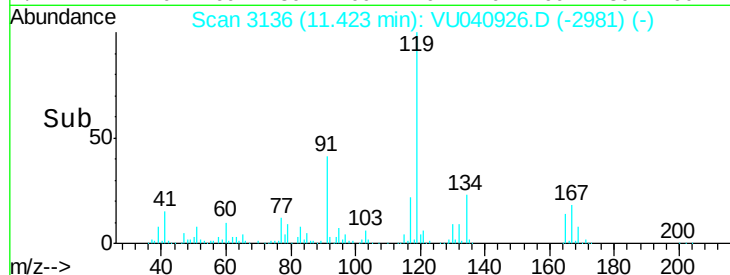
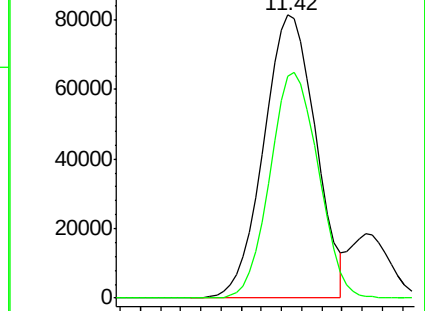
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 10.779 ug/l

RT: 12.47 min Scan# 3461

Delta R.T. -0.00 min

Lab File: VU040926.D

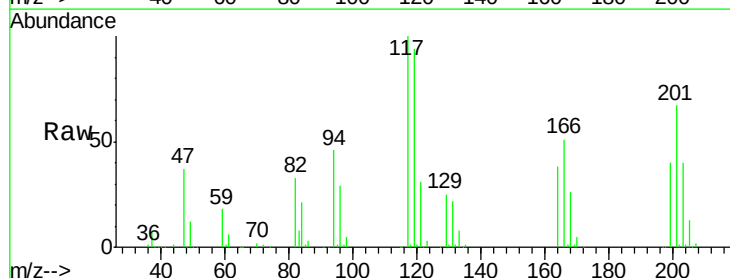
Acq: 23 Oct 2020 09:56

Tgt Ion:117 Resp: 155772

Ion Ratio Lower Upper

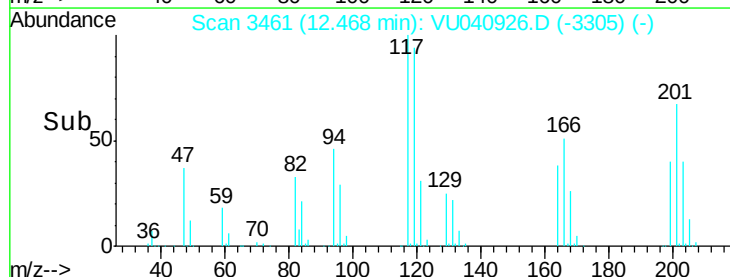
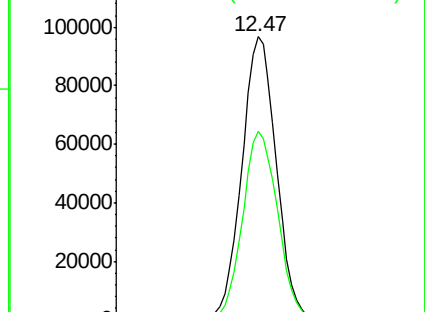
117 100

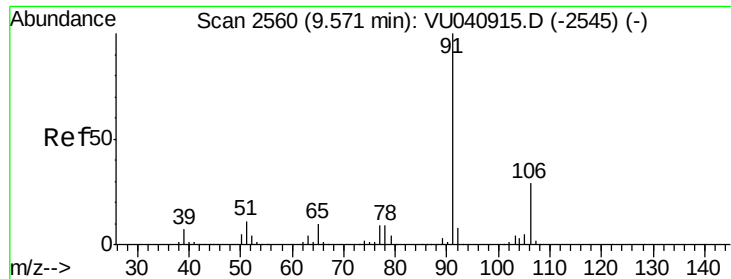
201 67.5 52.6 78.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





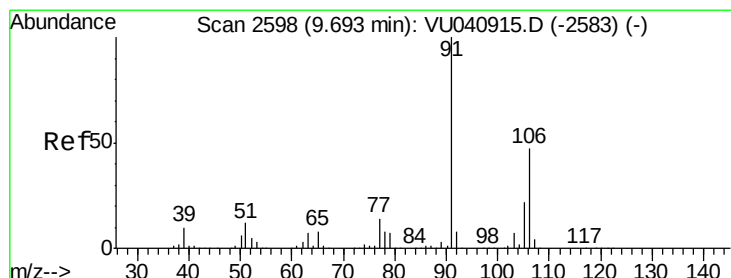
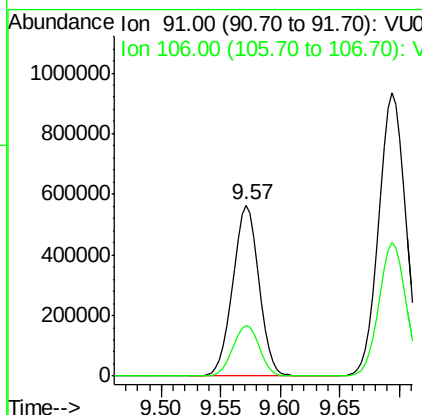
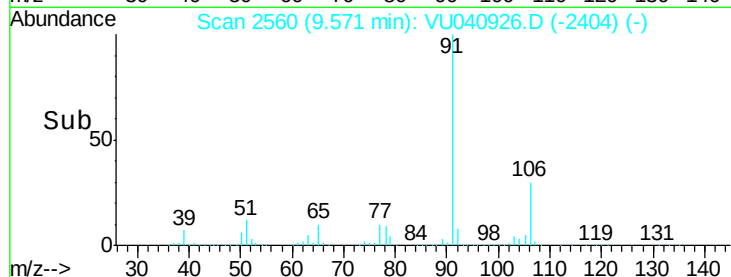
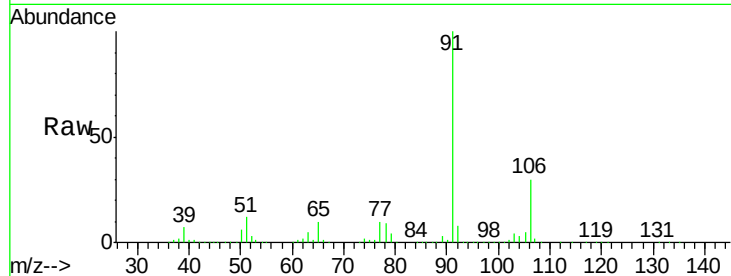
#63
Ethyl Benzene
Concen: 11.643 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 862728
Ion Ratio Lower Upper
91 100
106 29.8 23.5 35.3

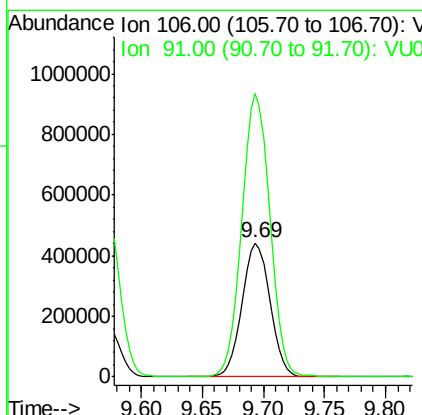
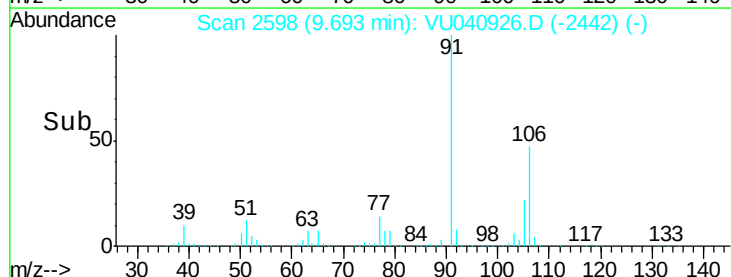
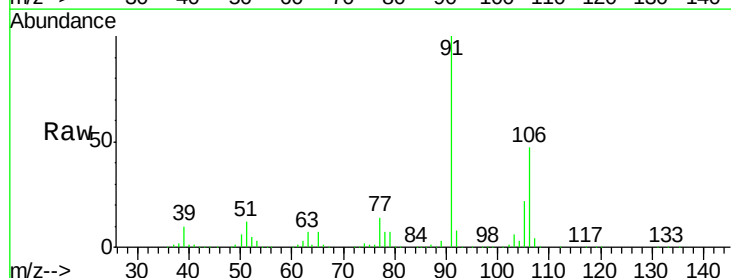
Manual Integrations
APPROVED

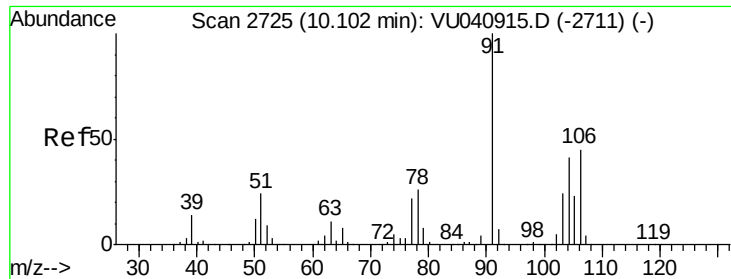
MMDadoda
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#64
m/p-Xylenes
Concen: 21.163 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion: 106 Resp: 695219
Ion Ratio Lower Upper
106 100
91 211.9 168.3 252.5





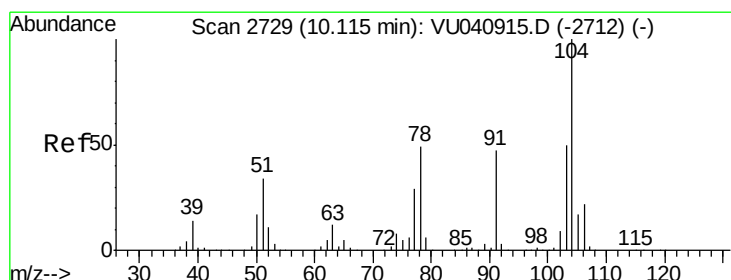
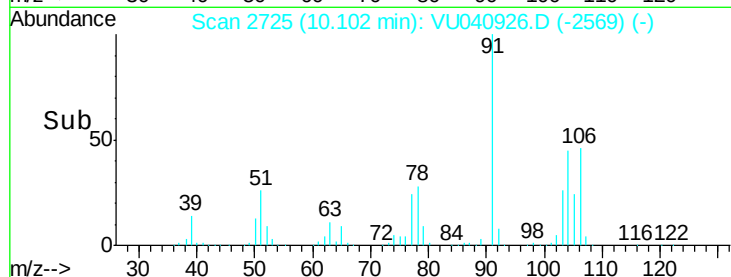
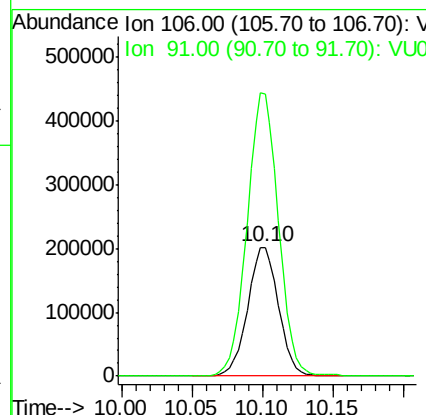
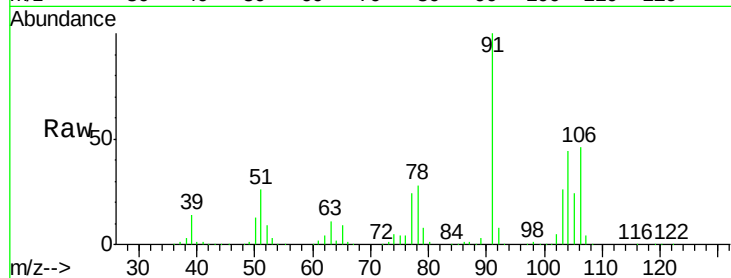
#65
o-Xylene
Concen: 11.961 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
106	100		
91	222.6	111.3	333.9

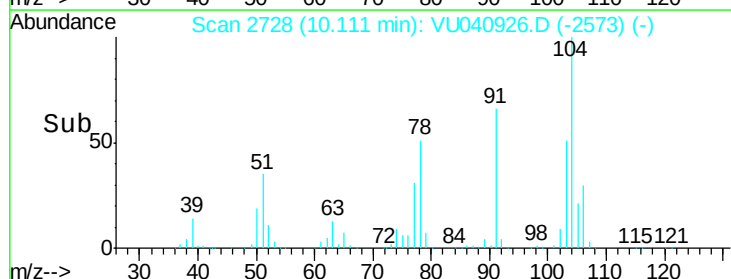
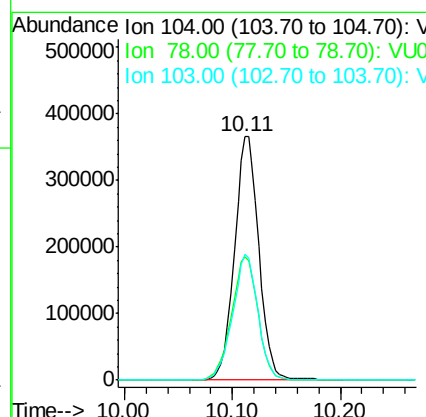
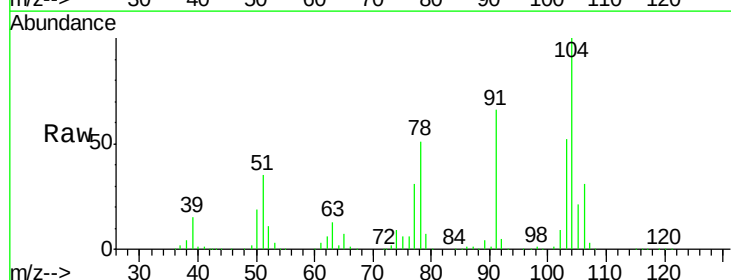
Manual Integrations
APPROVED

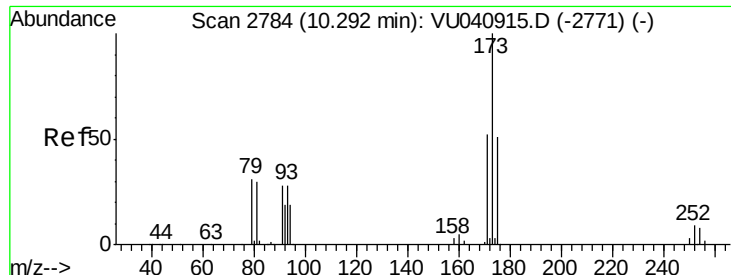
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#66
Styrene
Concen: 10.609 ug/l
RT: 10.11 min Scan# 2728
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.0	43.4	65.0
103	53.6	43.1	64.7





#67

Bromoform

Concen: 10.333 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:173 Resp: 103590
Ion Ratio Lower Upper

173 100

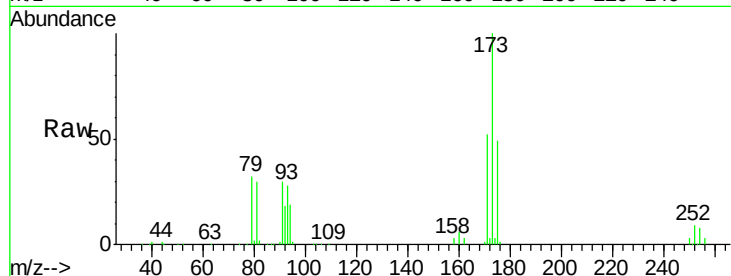
175 48.1 39.0 58.4

254 8.4 6.6 9.8

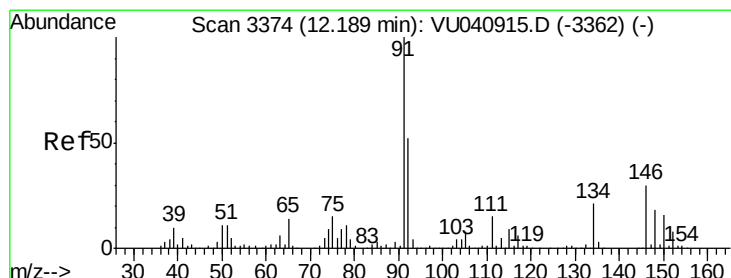
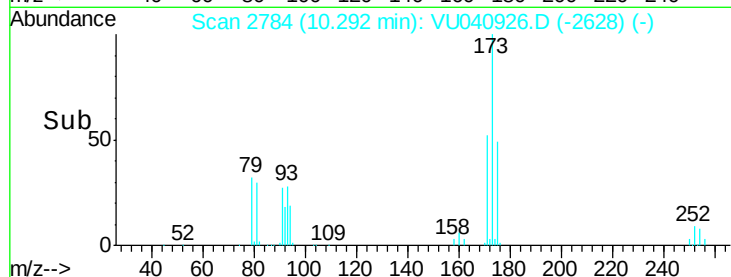
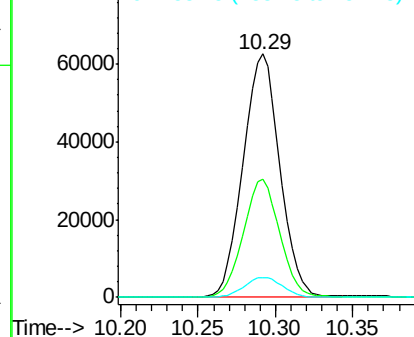
Manual Integrations
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Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V



#68

1,2-Dichlorobenzene-d4

Concen: 1.060 ug/l

RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

Lab File: VU040926.D

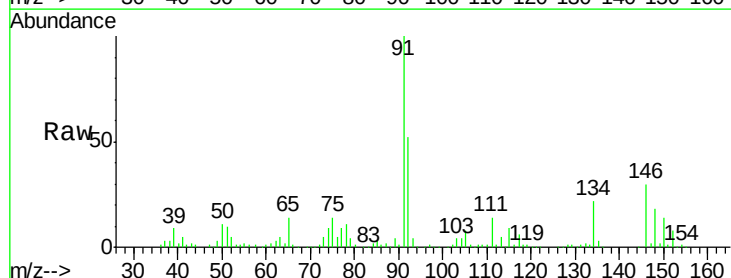
Acq: 23 Oct 2020 09:56

Tgt Ion:152 Resp: 24209
Ion Ratio Lower Upper

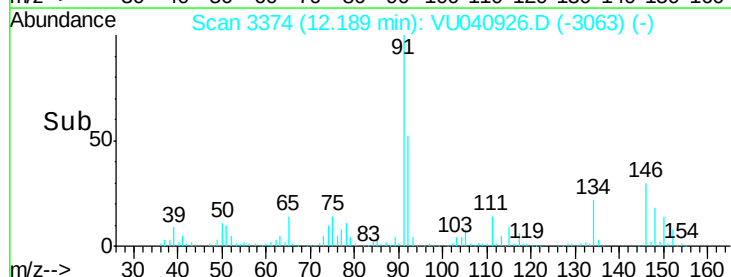
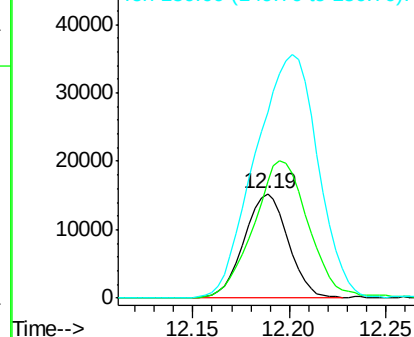
152 100

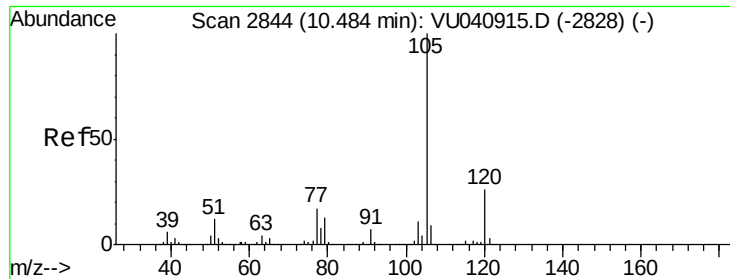
115 162.9 0.0 323.4

150 331.3 0.0 653.8



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





#69

Isopropylbenzene

Concen: 11.850 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 822355

Ion Ratio Lower Upper

105 100

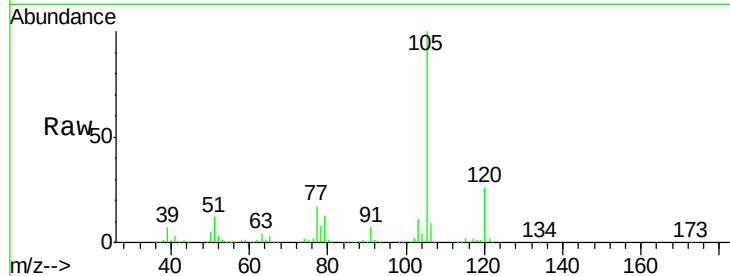
120 25.6 12.9 38.6

Manual Integrations

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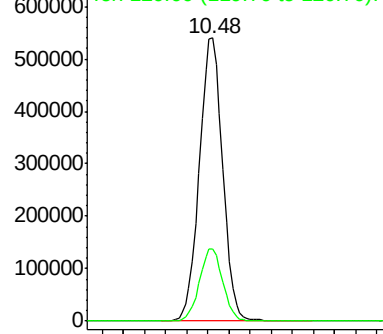
MMDadoda

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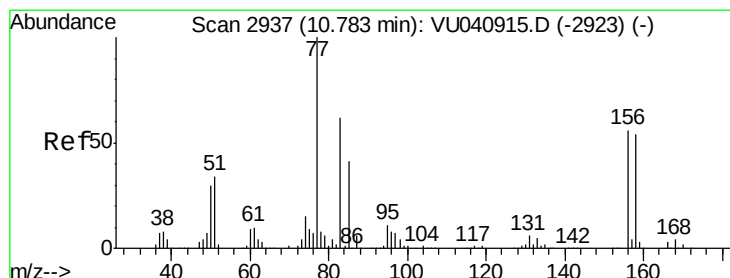
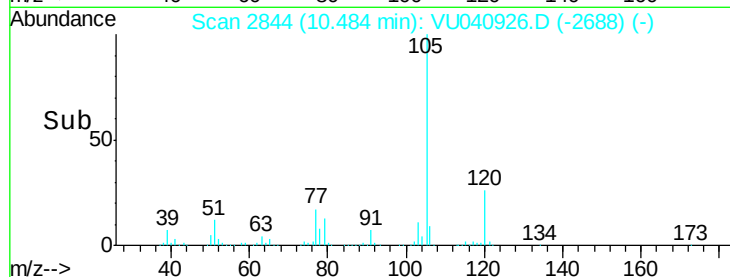


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 10.429 ug/l

RT: 10.78 min Scan# 2936

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

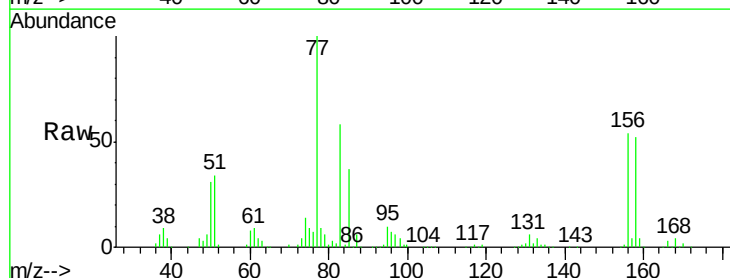
Tgt Ion: 83 Resp: 219199

Ion Ratio Lower Upper

83 100

131 9.2 7.1 10.7

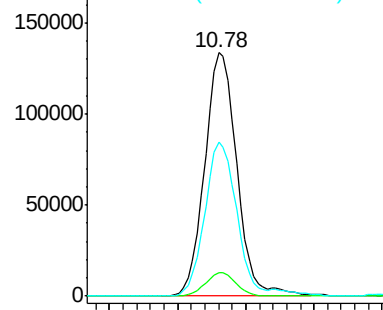
85 64.4 51.8 77.6



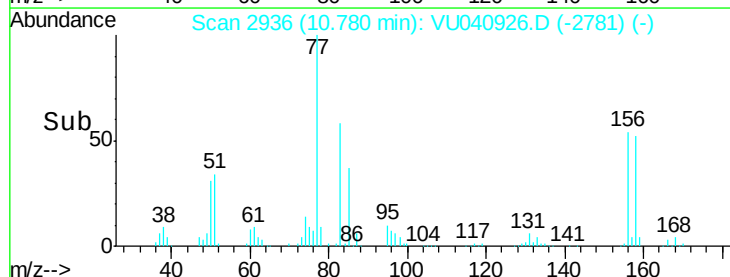
Abundance Ion 83.00 (82.70 to 83.70): VU0

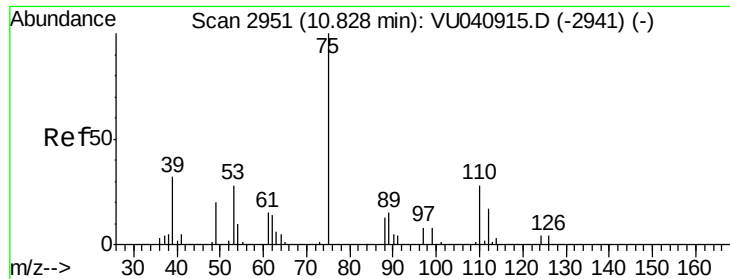
Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0



Time-->





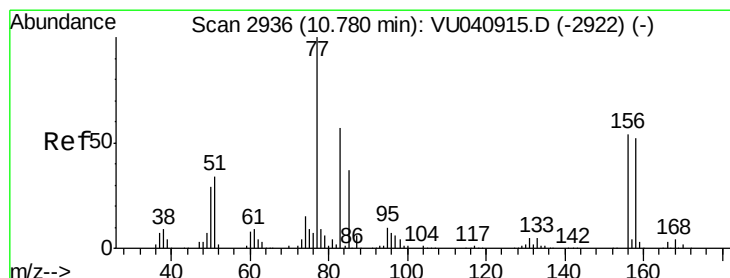
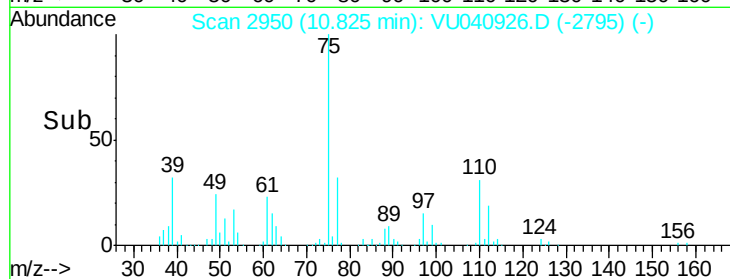
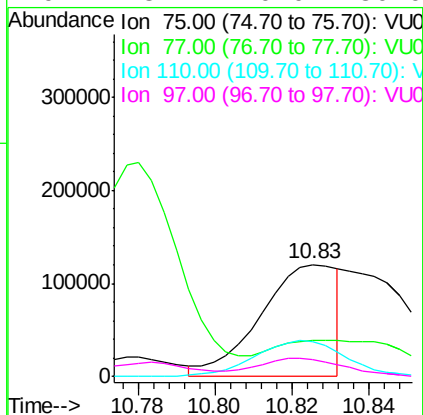
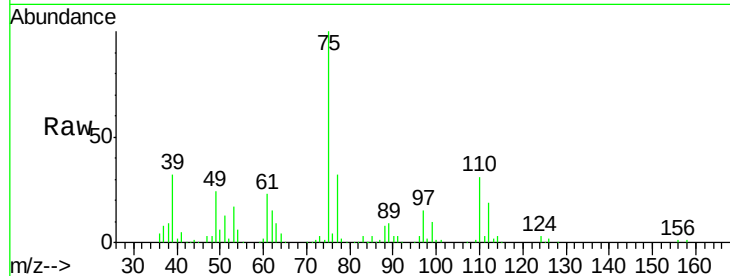
#71
1,2,3-Trichloropropane
Concen: 10.488 ug/l m
RT: 10.83 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
75	100		
77	55.2	0.0	110.8
110	36.9	0.0	73.4
97	18.1	0.0	36.0

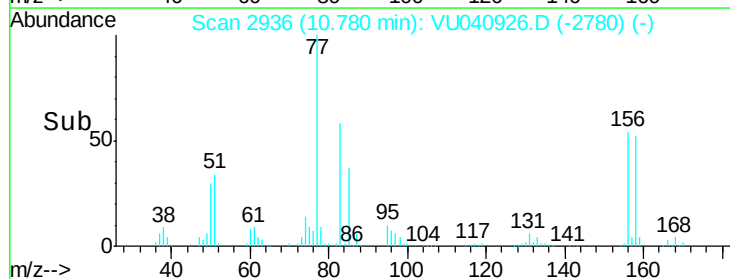
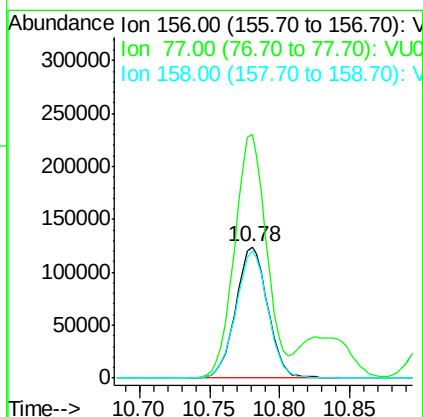
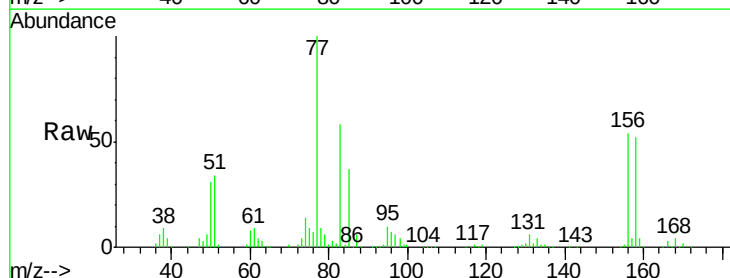
Manual Integrations
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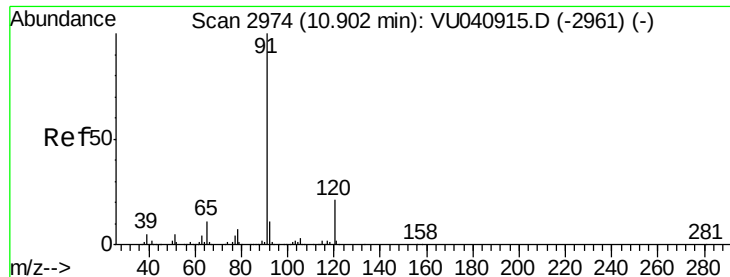
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#72
Bromobenzene
Concen: 10.895 ug/l
RT: 10.78 min Scan# 2936
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
156	100		
77	185.7	0.0	370.2
158	96.4	0.0	193.2





#73

n-propylbenzene

Concen: 10.472 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:120 Resp: 241404

Ion Ratio Lower Upper

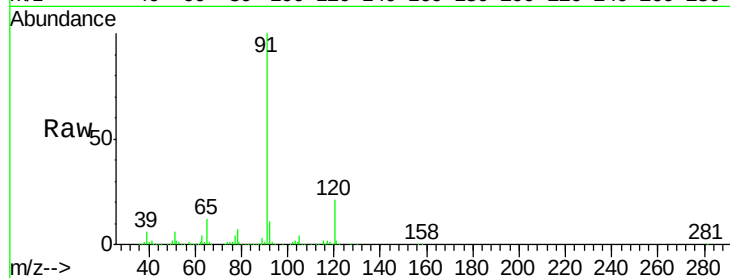
120 100

91 474.2 370.8 556.2

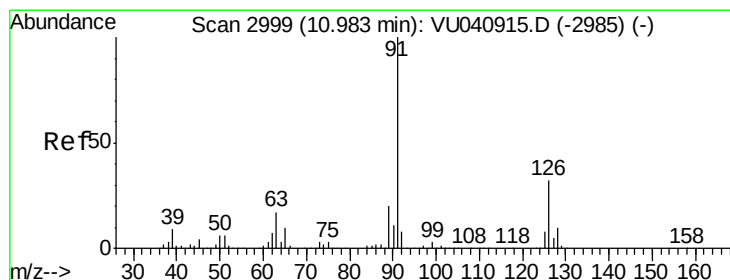
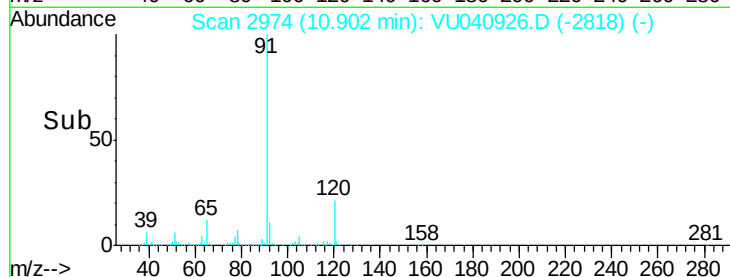
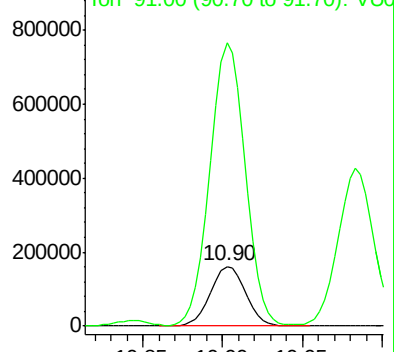
Manual Integrations
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Abundance Ion 120.00 (119.70 to 120.70): V



#74

2-Chlorotoluene

Concen: 11.275 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VU040926.D

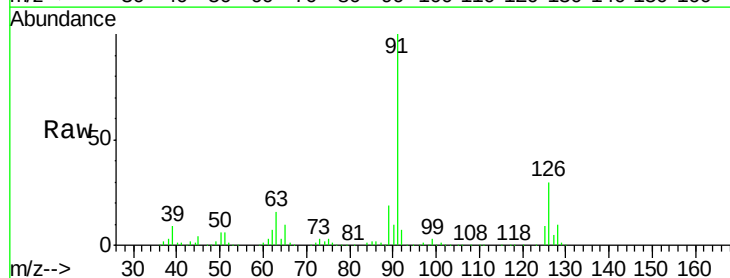
Acq: 23 Oct 2020 09:56

Tgt Ion:126 Resp: 203024

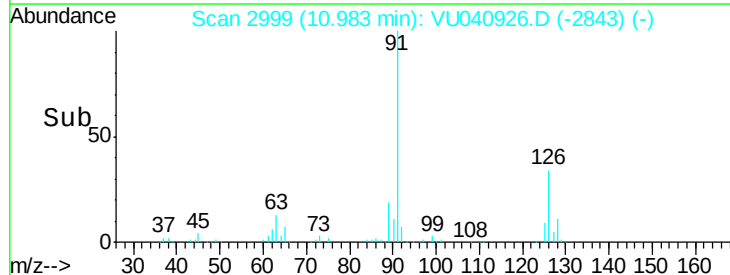
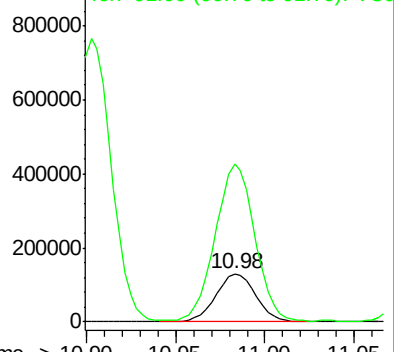
Ion Ratio Lower Upper

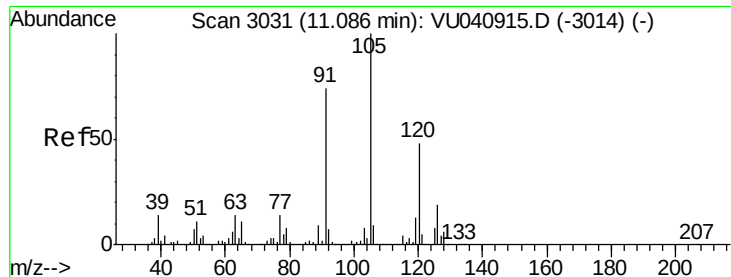
126 100

91 321.4 0.0 633.2



Abundance Ion 126.00 (125.70 to 126.70): V





#75

1,3,5-Trimethylbenzene

Concen: 10.439 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 754779

Ion Ratio Lower Upper

105 100

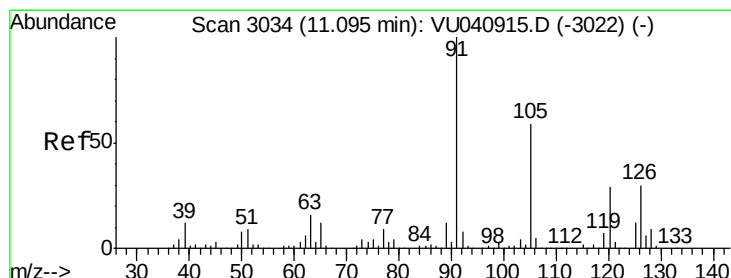
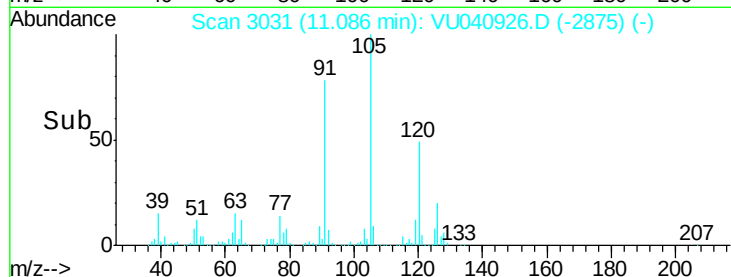
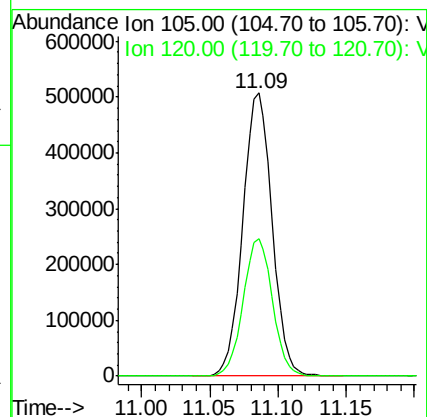
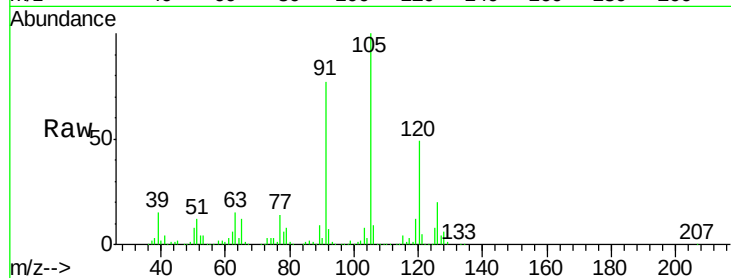
120 48.4 38.7 58.1

Manual Integrations

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#76

4-Chlorotoluene

Concen: 11.829 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. 0.00 min

Lab File: VU040926.D

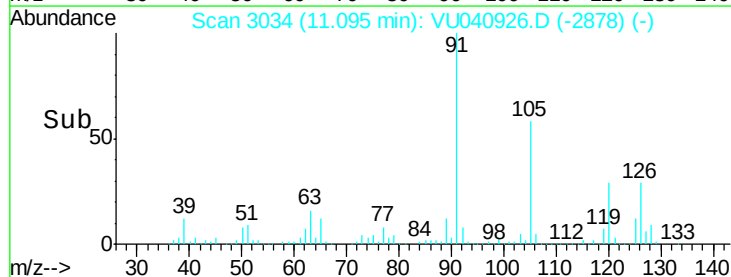
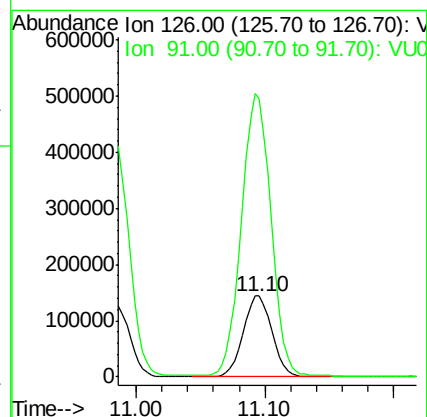
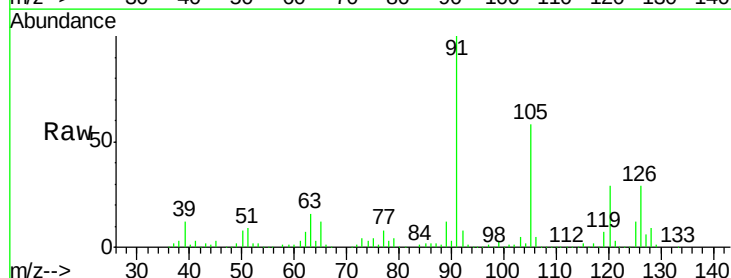
Acq: 23 Oct 2020 09:56

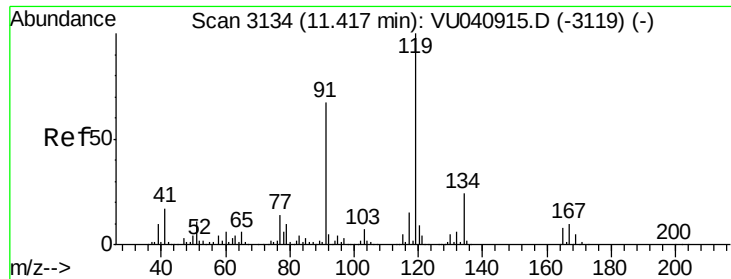
Tgt Ion:126 Resp: 220756

Ion Ratio Lower Upper

126 100

91 364.3 0.0 730.4





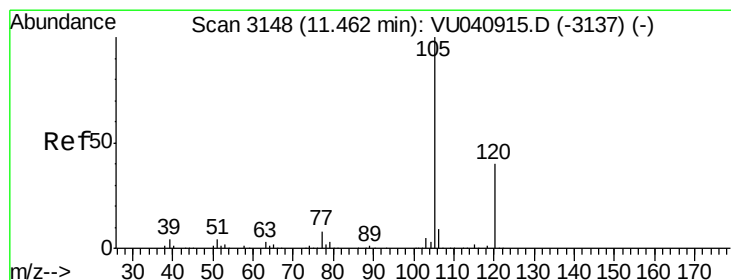
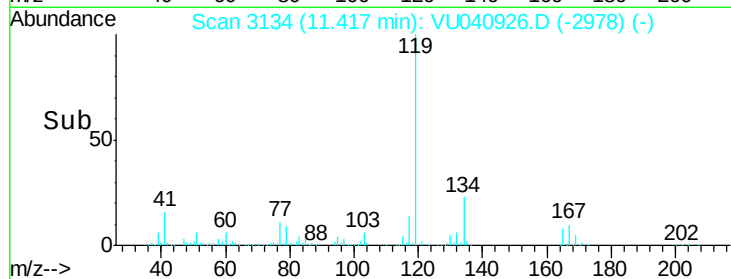
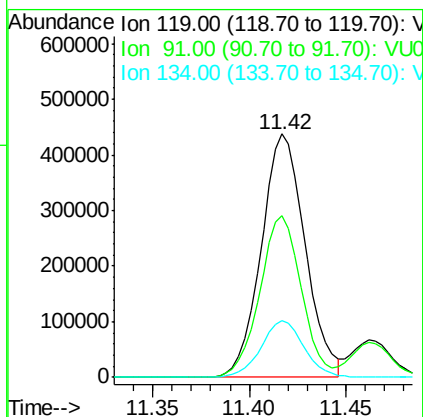
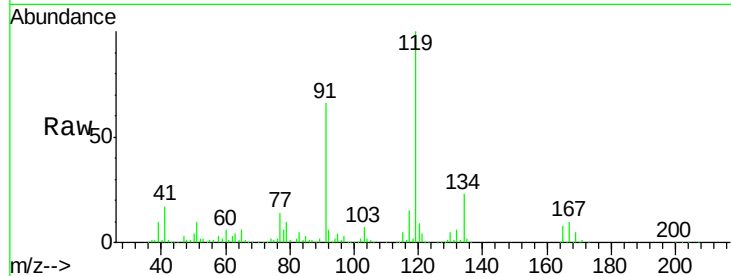
#77
 tert-Butylbenzene
 Concen: 11.740 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	32.0	96.2
134	22.7	18.4	27.6

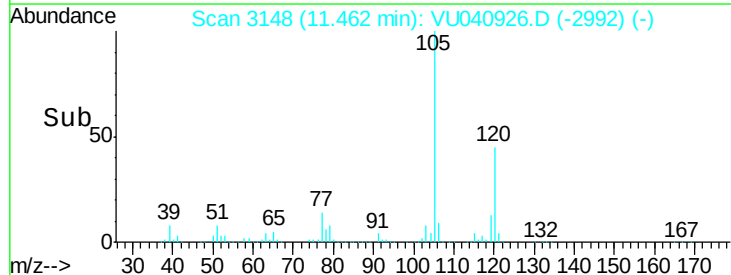
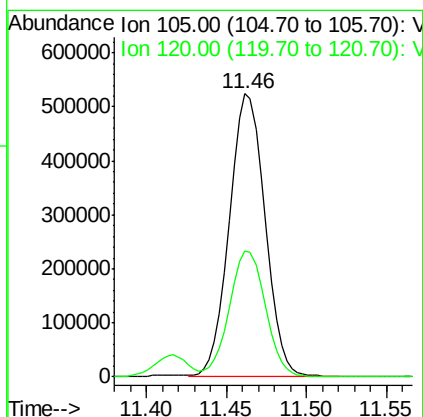
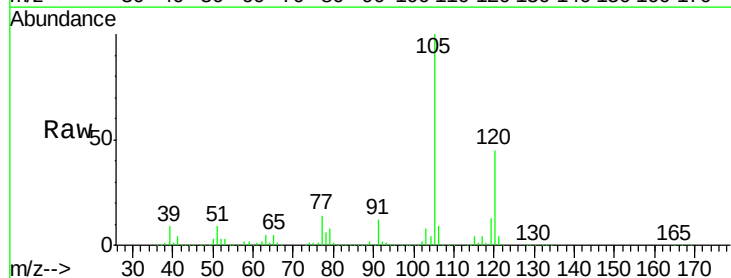
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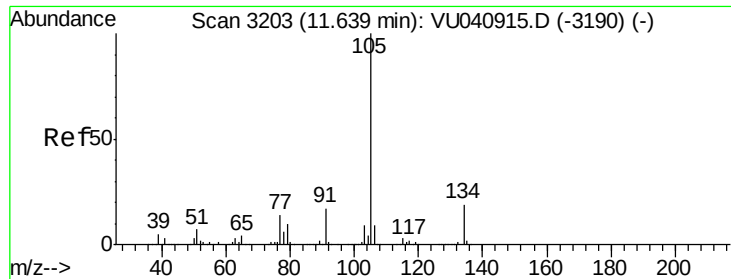
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#78
 1,2,4-Trimethylbenzene
 Concen: 10.557 ug/l
 RT: 11.46 min Scan# 3148
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.6	67.8





#79

sec-Butylbenzene

Concen: 12.053 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 981549

Ion Ratio Lower Upper

105 100

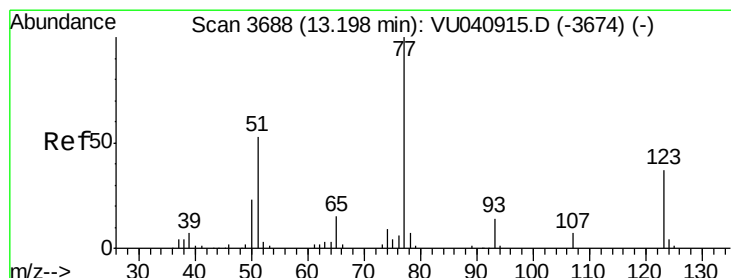
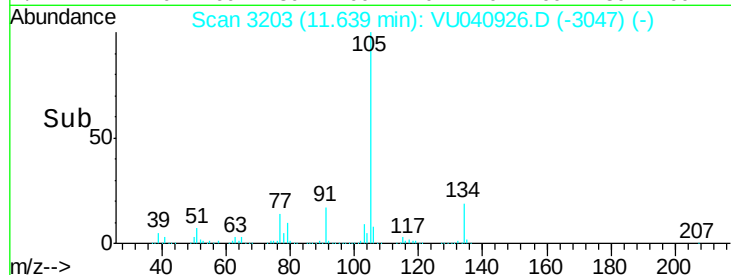
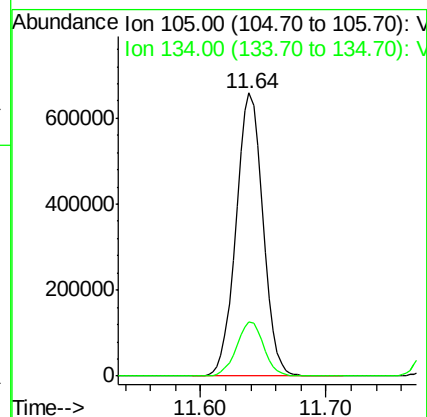
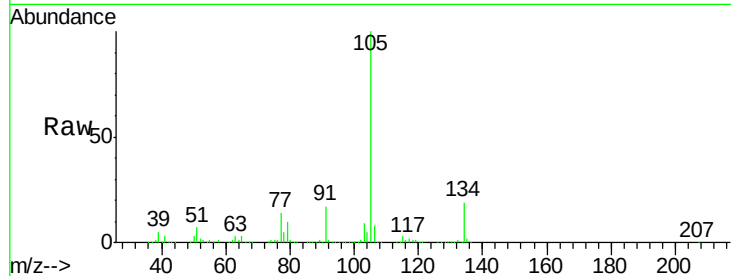
134 19.2 15.4 23.0

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#80

Nitrobenzene

Concen: 53.803 ug/l

RT: 13.20 min Scan# 3689

Delta R.T. 0.00 min

Lab File: VU040926.D

Acq: 23 Oct 2020 09:56

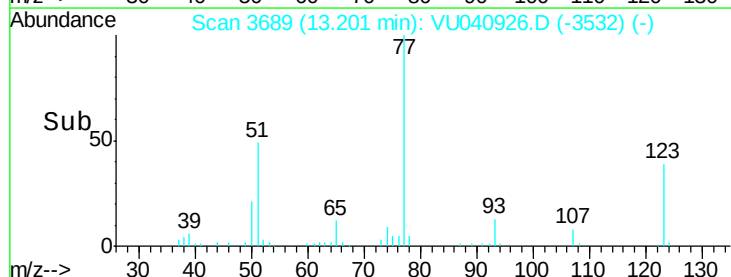
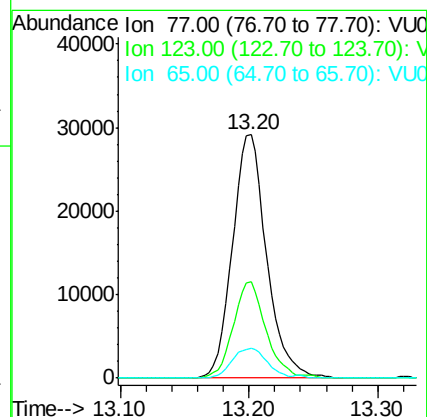
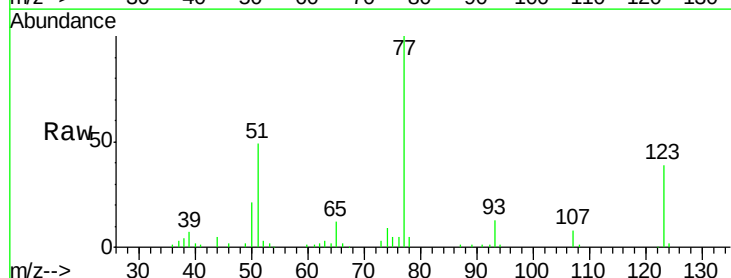
Tgt Ion: 77 Resp: 53485

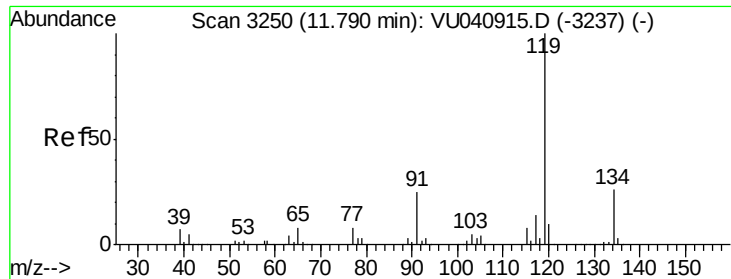
Ion Ratio Lower Upper

77 100

123 36.2 16.8 59.4

65 11.6 11.0 14.0





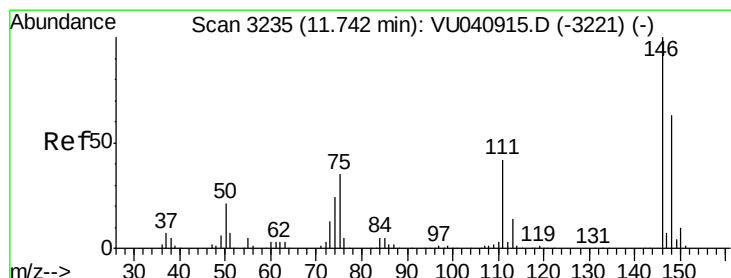
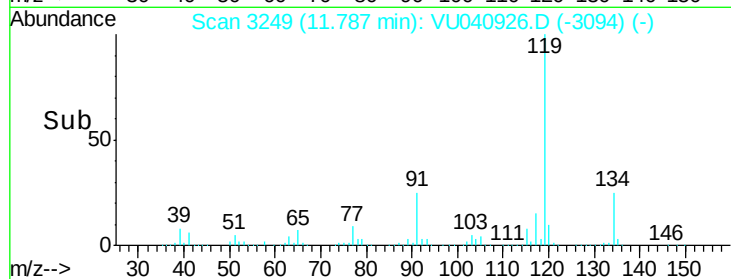
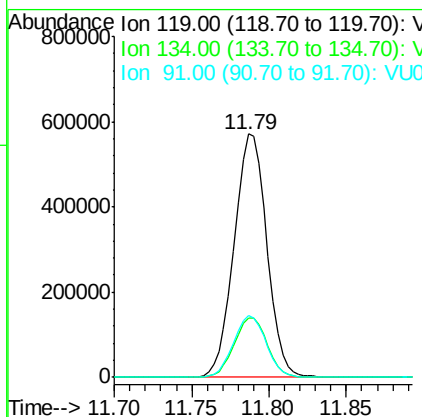
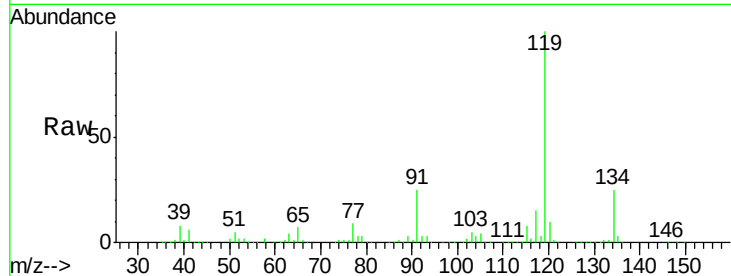
#81
 p-Isopropyltoluene
 Concen: 10.535 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion:	119	Resp:	834669
Ion Ratio	Lower	Upper	
119	100		
134	24.7	20.4	30.6
91	25.4	20.4	30.6

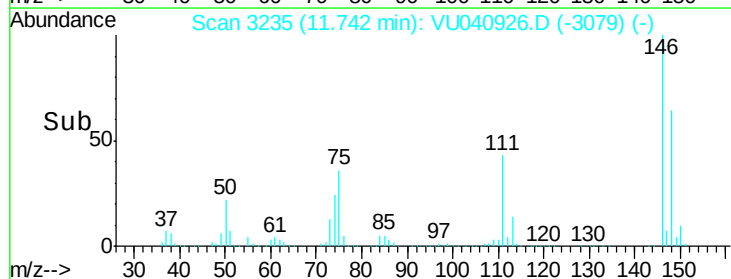
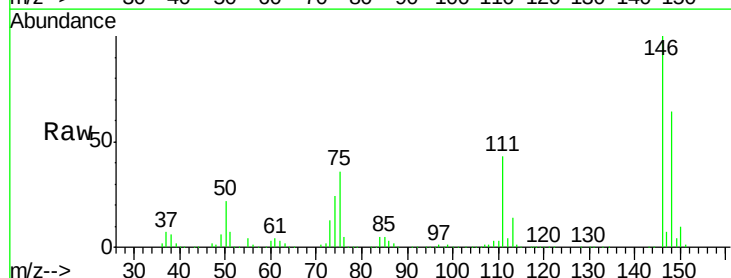
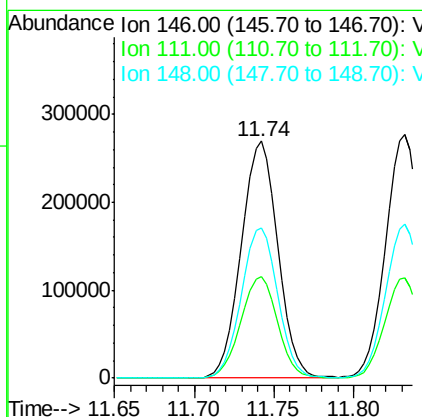
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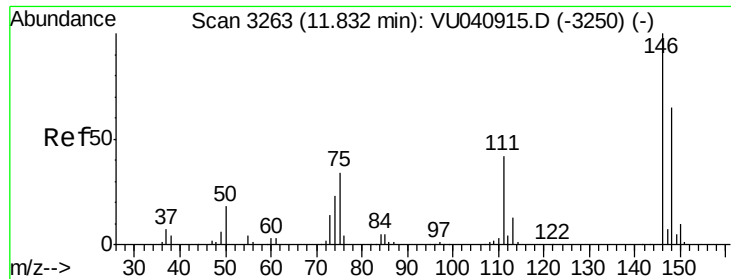
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#82
 1,3-Dichlorobenzene
 Concen: 10.643 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion:	146	Resp:	420047
Ion Ratio	Lower	Upper	
146	100		
111	43.1	33.6	50.4
148	63.0	50.1	75.1





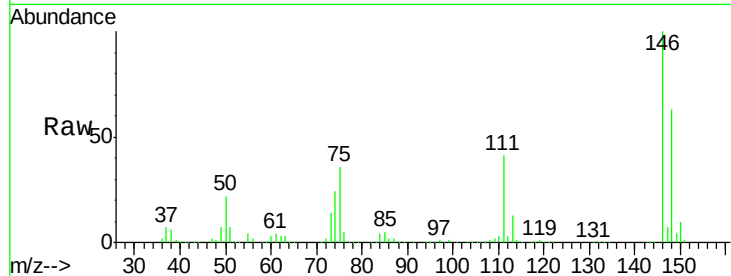
#83
 1,4-Dichlorobenzene
 Concen: 10.861 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

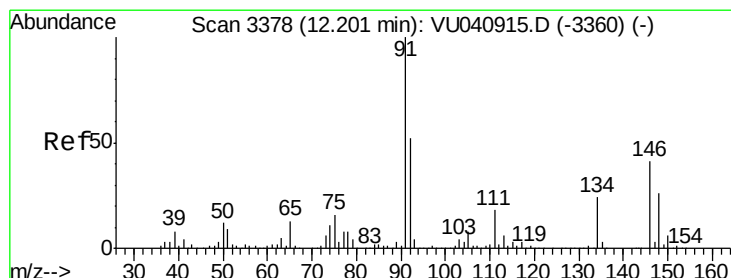
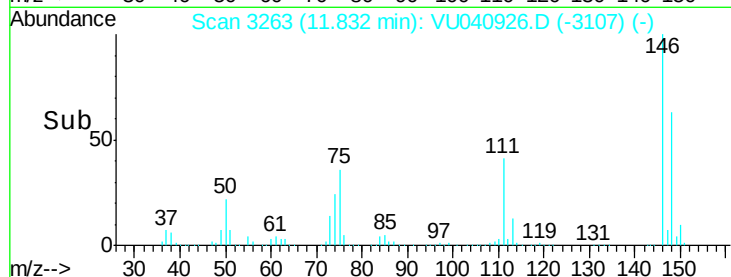
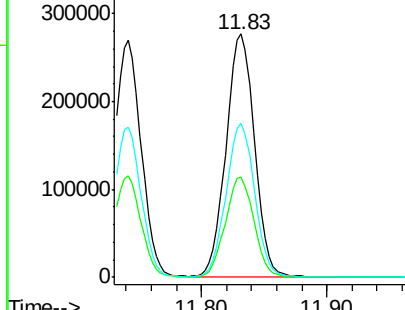
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	33.7	50.5
148	63.6	50.6	75.8

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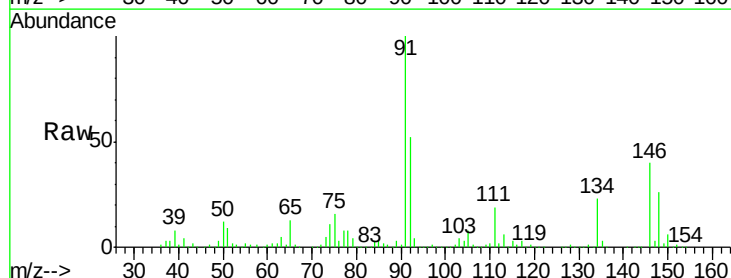


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

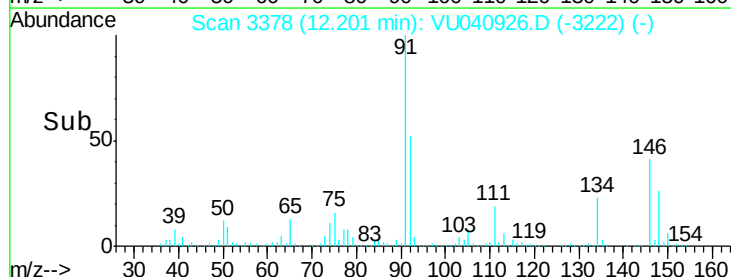
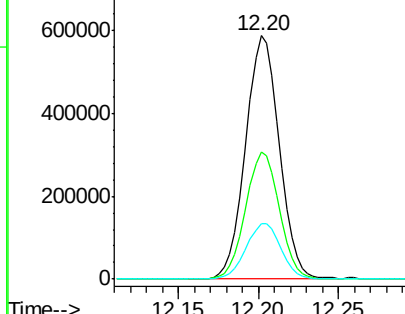


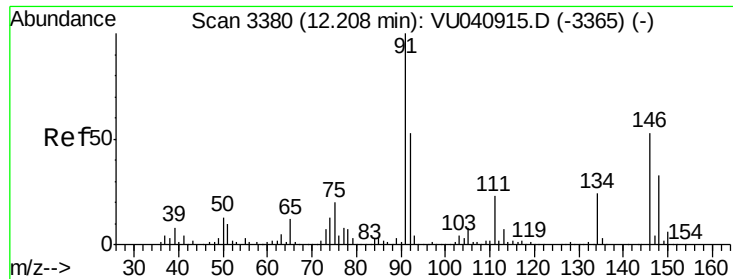
#84
 n-Butylbenzene
 Concen: 12.393 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	41.7	62.5
134	23.4	18.6	28.0



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





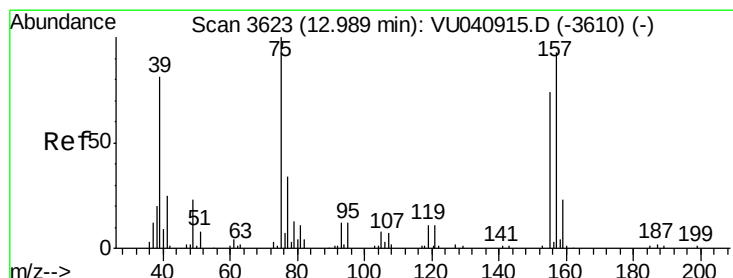
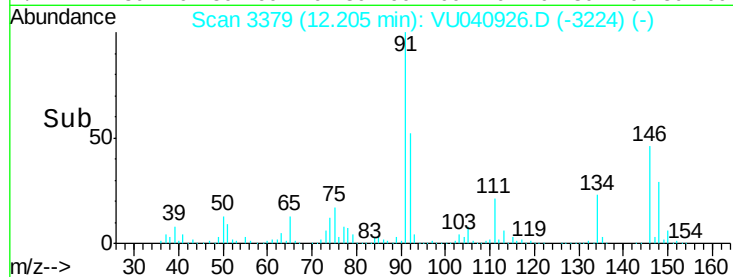
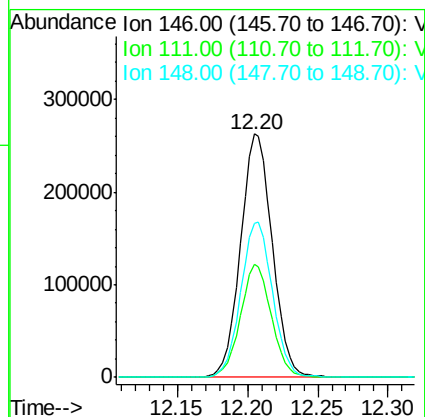
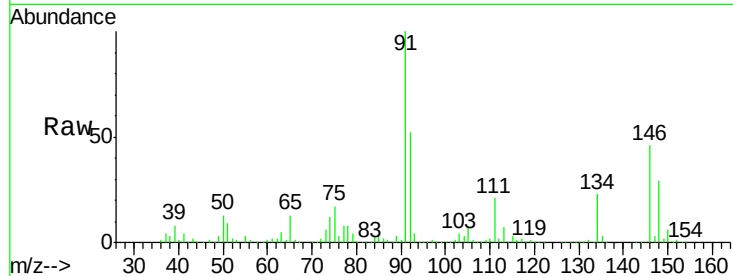
#85
 1,2-Dichlorobenzene
 Concen: 10.990 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100				
111	45.3	22.3	66.9		
148	63.7	31.5	94.5		

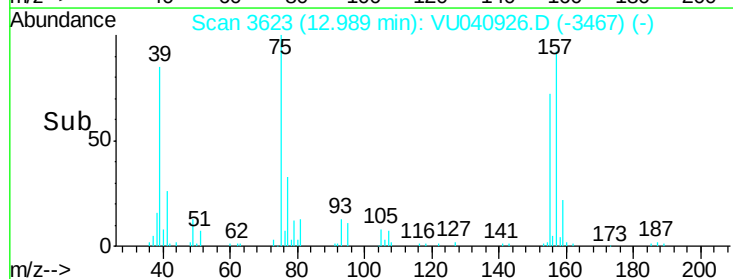
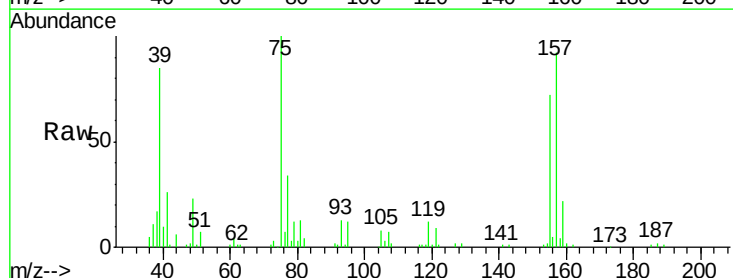
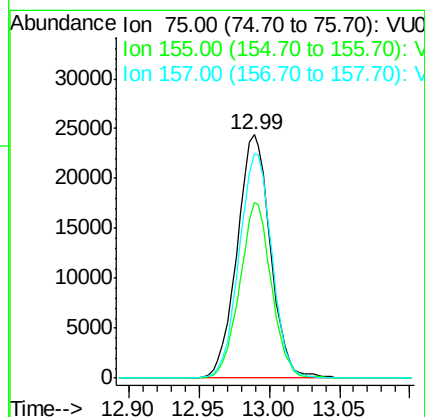
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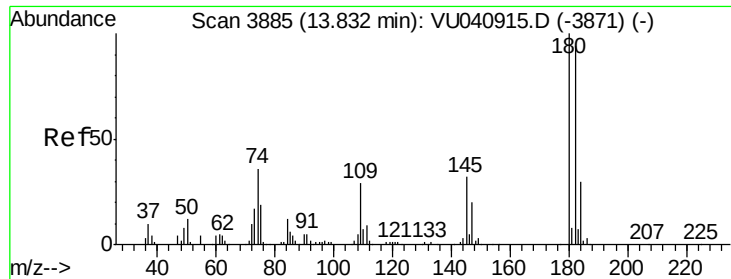
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 10.305 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
75	100				
155	68.5	57.1	85.7		
157	90.3	72.4	108.6		





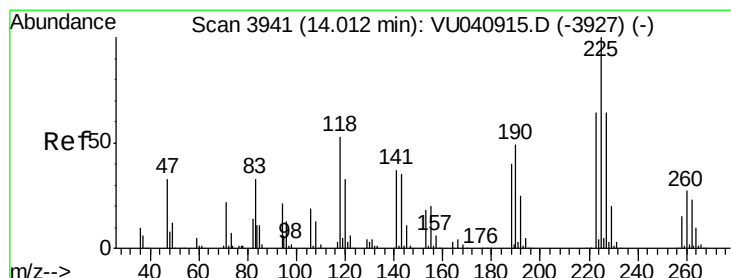
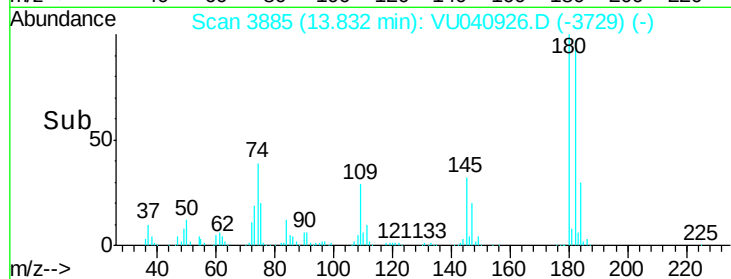
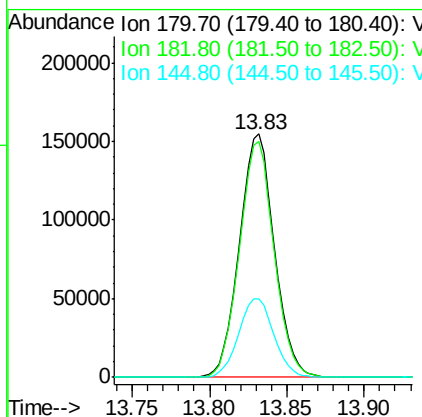
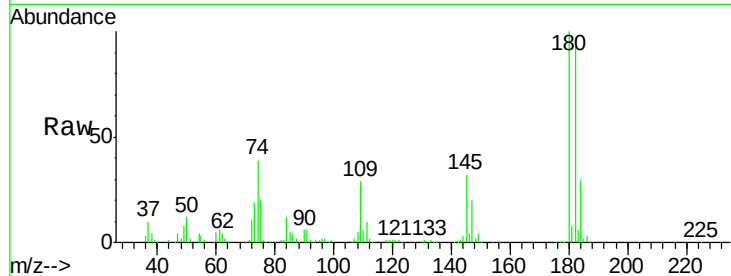
#87
 1,2,4-Trichlorobenzene
 Concen: 11.009 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.4	113.2
145	32.7	25.4	38.0

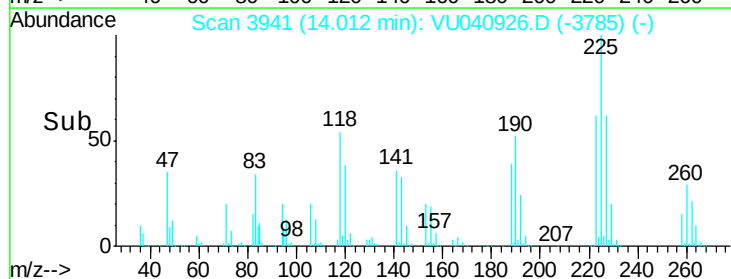
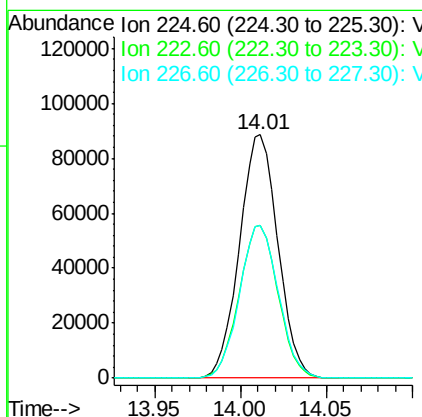
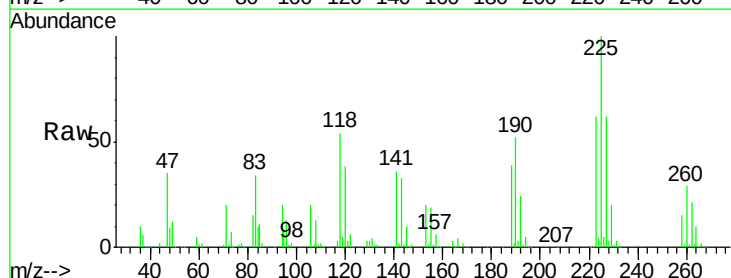
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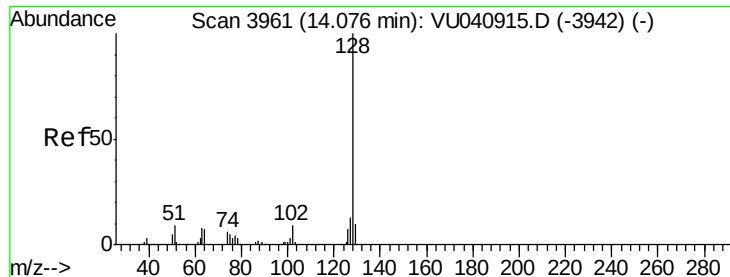
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#88
 Hexachlorobutadiene
 Concen: 11.063 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. 0.00 min
 Lab File: VU040926.D
 Acq: 23 Oct 2020 09:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.9	74.9
227	63.4	51.1	76.7





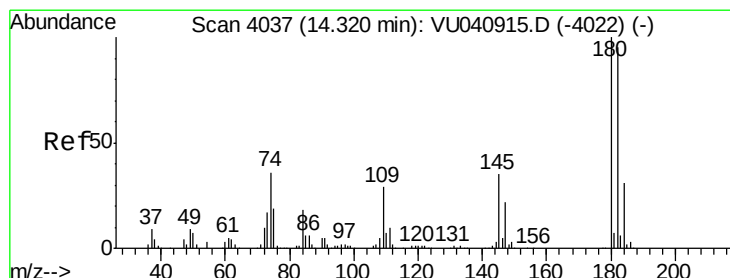
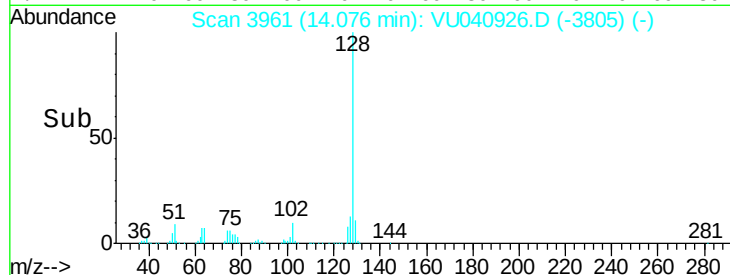
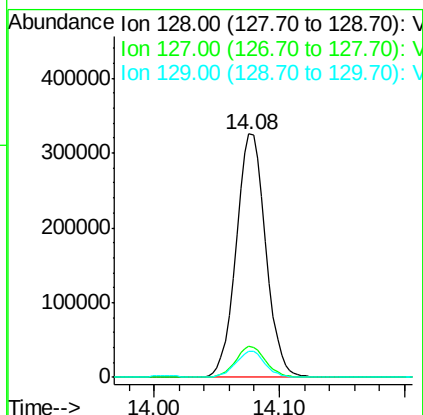
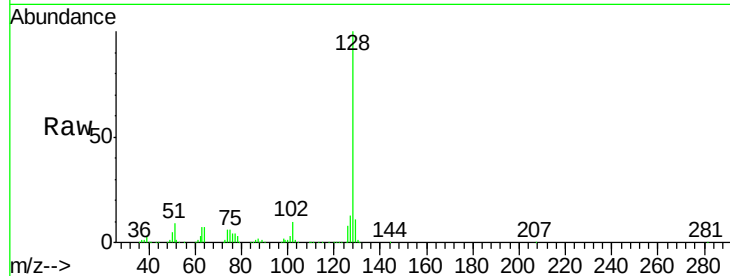
#89
Naphthalene
Concen: 9.561 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tot Ion:	128	Resp:	531338
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.7	16.1
129	10.5	8.6	13.0

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#90
1,2,3-Trichlorobenzene
Concen: 11.659 ug/l
RT: 14.32 min Scan# 4037
Delta R.T. 0.00 min
Lab File: VU040926.D
Acq: 23 Oct 2020 09:56

Tgt Ion:	180	Resp:	251013
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.0	114.0
145	34.9	28.0	42.0

