

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U090920\
 Data File : VU040061.D
 Acq On : 09 Sep 2020 12:00
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 4:47:12 PM

Quant Time: Sep 10 04:01:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 03:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.13	96	27947	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	11238	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	10288	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	41594	4.424	ug/l	97
3) Chloromethane	1.53	50	43086	3.746	ug/l	99
4) Vinyl Chloride	1.61	62	42949	4.032	ug/l	98
5) Bromomethane	1.86	94	27588	3.761	ug/l	98
6) Chloroethane	1.94	64	26998	3.676	ug/l	91
7) Trichlorofluoromethane	2.15	101	63892	4.446	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	36541	4.429	ug/l	98
9) 1,1-Dichloroethene	2.59	96	29989	4.001	ug/l	90
10) Iodomethane	2.74	142	30200	4.047	ug/l	99
11) Allyl Chloride	2.94	41	61747	3.863	ug/l	98
12) Acrylonitrile	3.33	53	22109	8.388	ug/l	96
13) Acetone	2.64	43	49484	19.928	ug/l	91
14) Carbon Disulfide	2.81	76	85479	3.211	ug/l	100
15) Methylene Chloride	3.06	84	41946	3.982	ug/l	94
16) trans-1,2-Dichloroethene	3.37	96	35148	4.129	ug/l	98
17) 1,1-Dichloroethane	3.89	63	70969	3.826	ug/l	99
18) 2-Butanone	4.74	43	77386	18.837	ug/l	100
19) Cyclohexane	5.40	56	59263m	3.344	ug/l	
20) Methylcyclohexane	6.77	83	57009	4.249	ug/l	94
21) 2,2-Dichloropropane	4.68	77	66654	4.322	ug/l	100
22) cis-1,2-Dichloroethene	4.69	96	39780	4.310	ug/l	99
23) Diethyl Ether	2.39	59	29464	3.877	ug/l	98
24) tert-Butyl Alcohol	3.21	59	37619	27.246	ug/l	100
25) Methyl tert-Butyl Ether	3.39	73	103233	4.212	ug/l	98
26) Bromochloromethane	4.99	128	17299	4.536	ug/l	97
27) Chloroform	5.11	83	74595	4.238	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	64971	4.511	ug/l	99
29) 1,1-Dichloropropene	5.54	75	55746	4.083	ug/l	99
30) Carbon Tetrachloride	5.54	117	60436	5.049	ug/l	98
31) Isopropyl Ether	4.02	45	123941	3.678	ug/l	98
32) Ethyl-t-butyl ether	4.53	59	116716	4.032	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	104490	4.870	ug/l	99
34) Propionitrile	4.81	54	19195	18.895	ug/l #	92
35) Benzene	5.79	78	155608	4.524	ug/l	98
36) 1,2-Dichloroethane	5.81	62	60002	4.639	ug/l	99
37) Trichloroethene	6.55	130	39216	4.929	ug/l	96
38) 1,2-Dichloropropane	6.81	63	44659	4.722	ug/l	100
39) Methacrylonitrile	5.00	41	19414	3.598	ug/l #	90
40) Methyl acrylate	4.87	55	25428	3.686	ug/l #	97
41) Tetrahydrofuran	5.09	42	19588	7.282	ug/l	95
42) 1-Chlorobutane	5.47	56	83224	3.909	ug/l	100

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 VSTDIC005

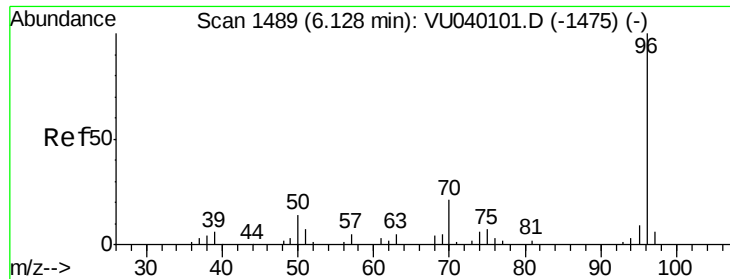
Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 4:47:12 PM

Quant Time: Sep 10 04:01:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U090920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Sep 10 03:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	25622	4.962	ug/l	99
44) Bromodichloromethane	7.12	83	61688	5.220	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	181844	23.645	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	26856m	11.015	ug/l	
47) Methyl methacrylate	6.98	69	46324	9.763	ug/l	98
48) Ethyl methacrylate	8.34	69	41299	4.730	ug/l	97
49) Toluene	7.98	92	96491	4.747	ug/l	95
50) t-1,3-Dichloropropene	8.22	75	56814	5.339	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	60726	4.875	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	32675	4.883	ug/l	94
53) 1,3-Dichloropropane	8.58	76	58800	4.616	ug/l	98
54) 2-Hexanone	8.70	43	133729	24.272	ug/l	100
55) Dibromochloromethane	8.82	129	39167	5.409	ug/l	99
56) 1,2-Dibromoethane	8.93	107	31463	4.927	ug/l	97
58) Tetrachloroethene	8.56	164	38784	5.469	ug/l	96
59) Chlorobenzene	9.45	112	104164	4.900	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	36974	5.085	ug/l	95
61) Pentachloroethane	11.42	117	24586	4.041	ug/l	97
62) Hexachloroethane	12.47	117	32661	5.568	ug/l	98
63) Ethyl Benzene	9.57	91	184272	4.874	ug/l	97
64) m/p-Xylenes	9.69	106	143436	9.758	ug/l	99
65) o-Xylene	10.10	106	67599	4.832	ug/l	99
66) Styrene	10.11	104	120288	4.996	ug/l	99
67) Bromoform	10.29	173	20243	5.483	ug/l	97
69) Isopropylbenzene	10.48	105	182663	4.870	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	43367	4.571	ug/l	94
71) 1,2,3-Trichloropropane	10.83	75	34591m	4.911	ug/l	
72) Bromobenzene	10.78	156	42154	4.931	ug/l	96
73) n-propylbenzene	10.90	120	50741	4.821	ug/l	98
74) 2-Chlorotoluene	10.98	126	45474	5.084	ug/l	96
75) 1,3,5-Trimethylbenzene	11.09	105	167744	5.167	ug/l	99
76) 4-Chlorotoluene	11.10	126	48359	5.207	ug/l	100
77) tert-Butylbenzene	11.42	119	147517	4.767	ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	173833	5.230	ug/l	98
79) sec-Butylbenzene	11.64	105	221482	5.002	ug/l	100
80) Nitrobenzene	13.20	77	9116	45.685	ug/l	98
81) p-Isopropyltoluene	11.79	119	178608	5.013	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	90409	4.899	ug/l	97
83) 1,4-Dichlorobenzene	11.83	146	91947	4.943	ug/l	98
84) n-Butylbenzene	12.20	91	184008	4.862	ug/l	98
85) 1,2-Dichlorobenzene	12.21	146	87796	4.933	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	8570	5.279	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	51855	4.692	ug/l	100
88) Hexachlorobutadiene	14.01	225	25972	5.053	ug/l	95
89) Naphthalene	14.08	128	105027	4.469	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	50075	4.797	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.13 min Scan# 1489

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

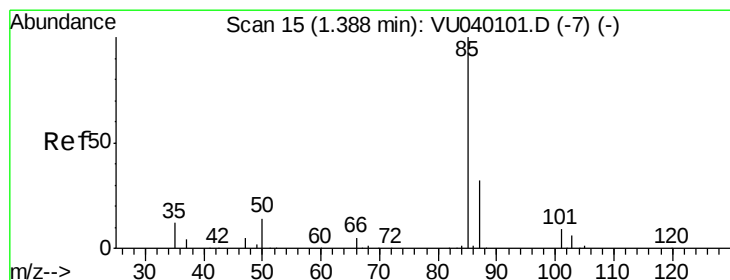
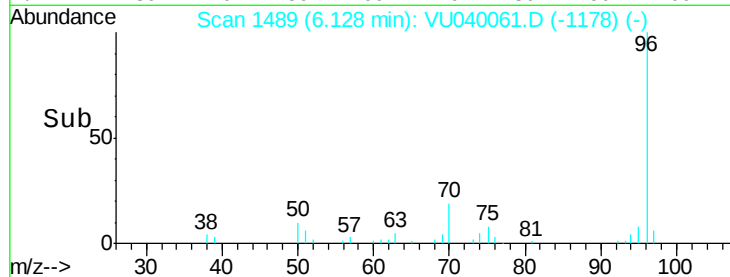
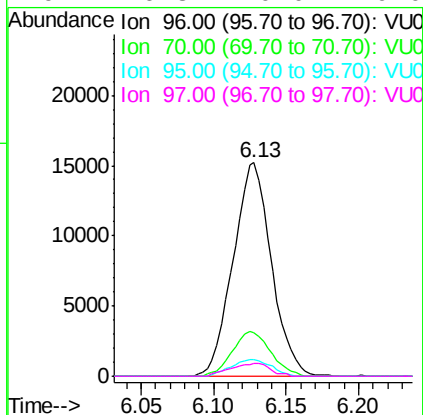
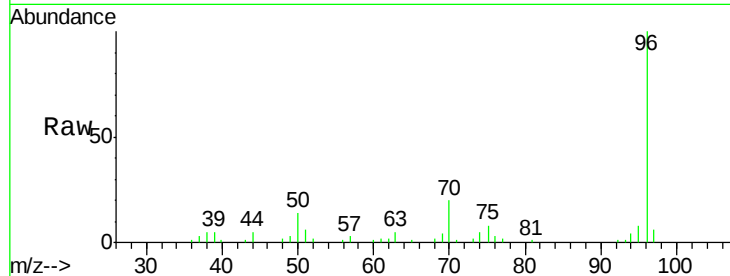
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	27947
Ion Ratio	Lower	Upper	
96	100		
70	20.8	17.1	25.7
95	8.3	7.6	11.4
97	6.3	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 4.424 ug/l

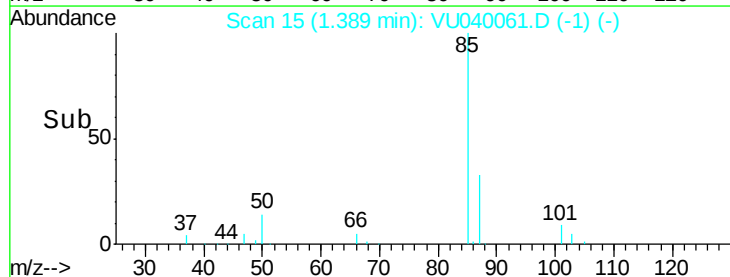
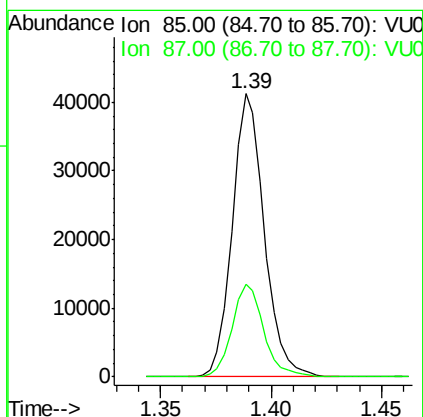
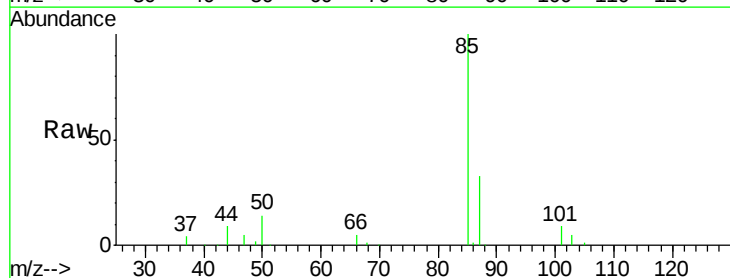
RT: 1.39 min Scan# 15

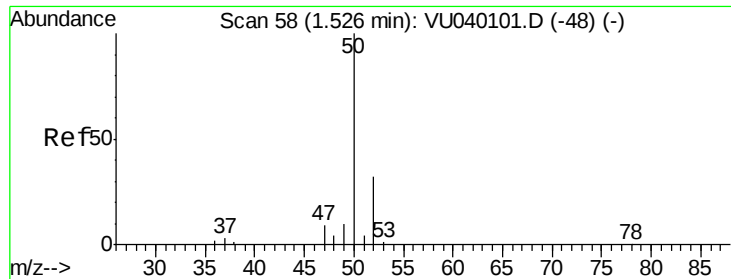
Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Tgt Ion:	85	Resp:	41594
Ion Ratio	Lower	Upper	
85	100		
87	32.9	15.6	46.8





#3

Chloromethane

Concen: 3.746 ug/l

RT: 1.53 min Scan# 59

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 43086

Ion Ratio Lower Upper

50 100

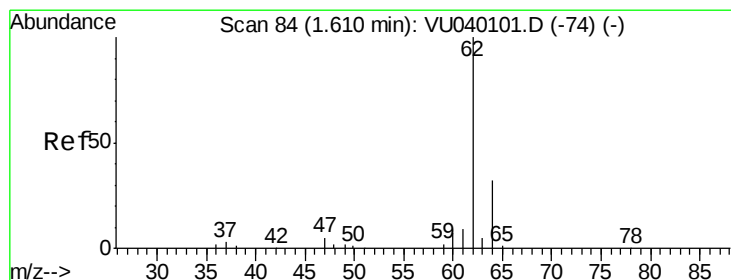
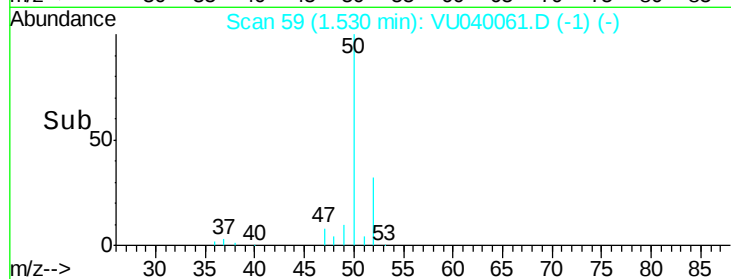
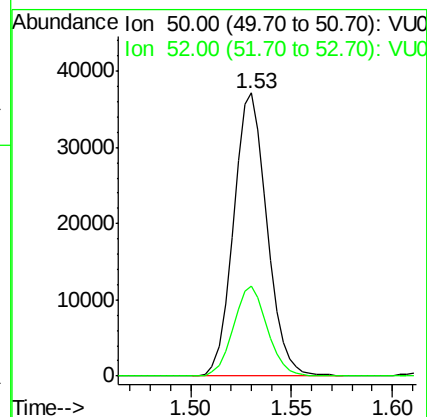
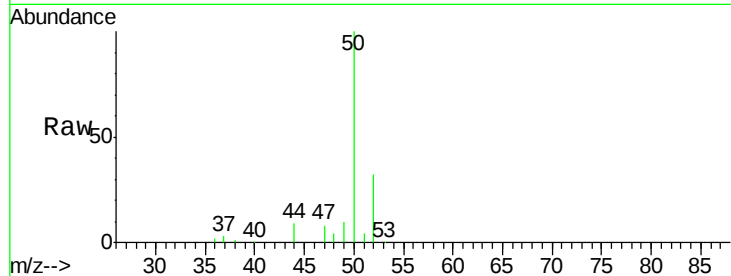
52 31.7 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 4.032 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU040061.D

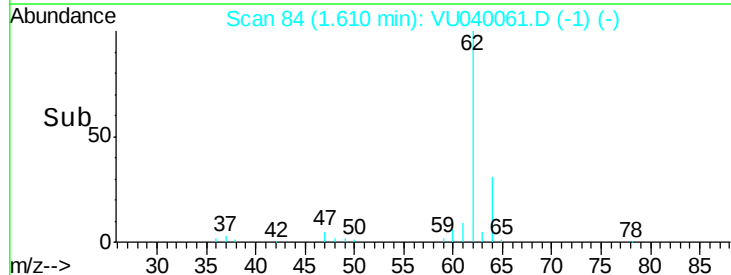
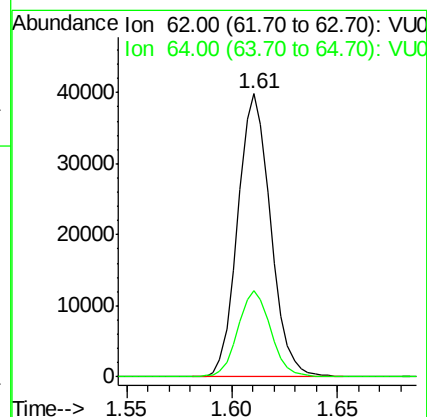
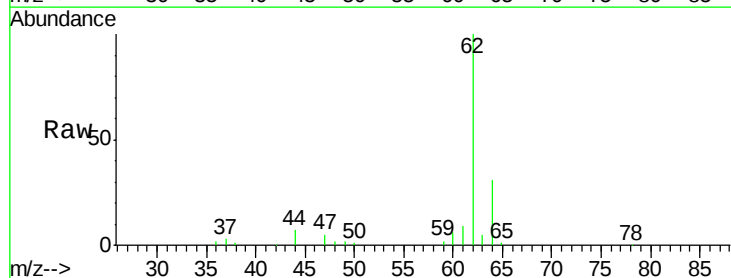
Acq: 09 Sep 2020 12:00

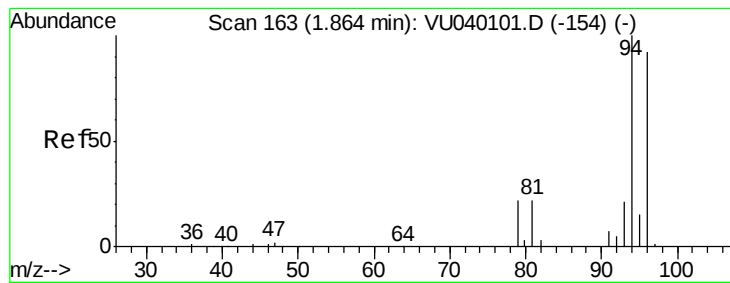
Tgt Ion: 62 Resp: 42949

Ion Ratio Lower Upper

62 100

64 30.6 25.4 38.0





#5

Bromomethane

Concen: 3.761 ug/l

RT: 1.86 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 27588

Ion Ratio Lower Upper

94 100

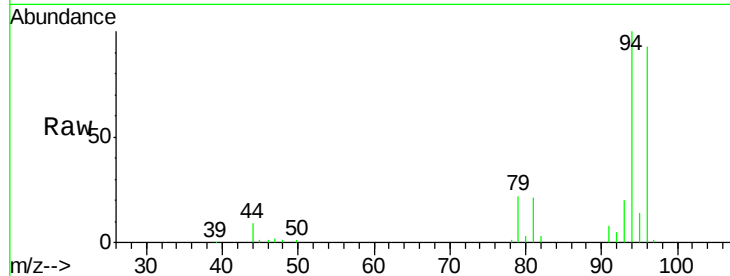
96 92.6 75.4 113.2

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VU040061.D (-154) (-)

Ion 96.00 (95.70 to 96.70): VU040061.D (-154) (-)

1.86

25000

20000

15000

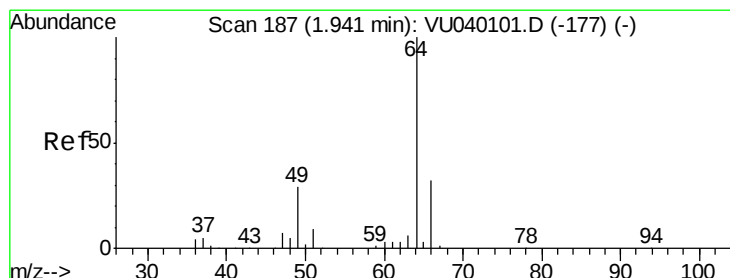
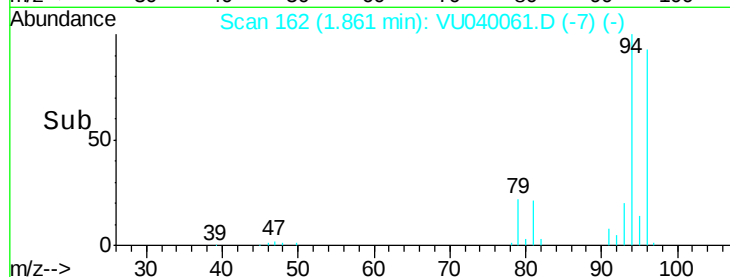
10000

5000

0

1.80 1.85 1.90

Time-->



#6

Chloroethane

Concen: 3.676 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU040061.D

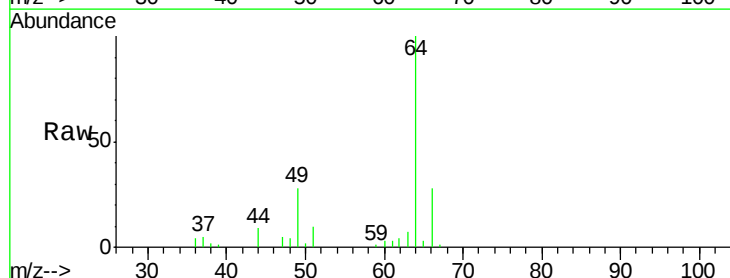
Acq: 09 Sep 2020 12:00

Tgt Ion: 64 Resp: 26998

Ion Ratio Lower Upper

64 100

66 28.3 26.7 40.1



Abundance Ion 64.00 (63.70 to 64.70): VU040061.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU040061.D (-177) (-)

1.94

20000

15000

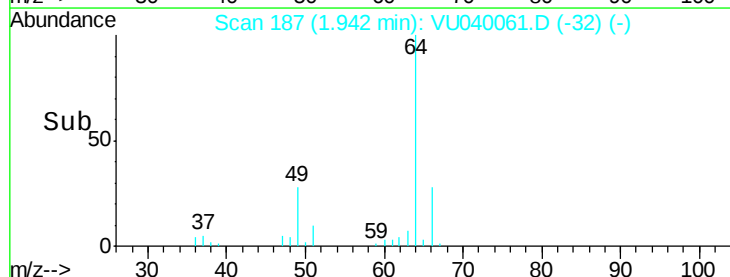
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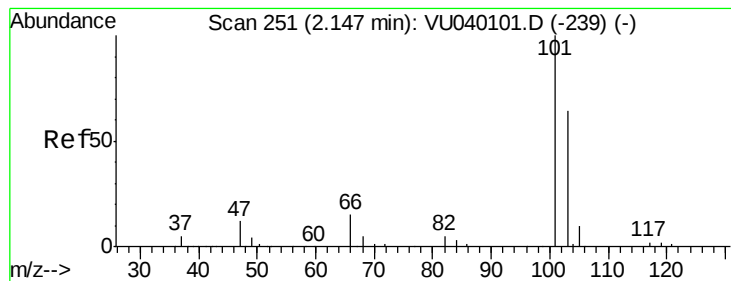
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0

1.85 1.90 1.95 2.00

Time-->





#7

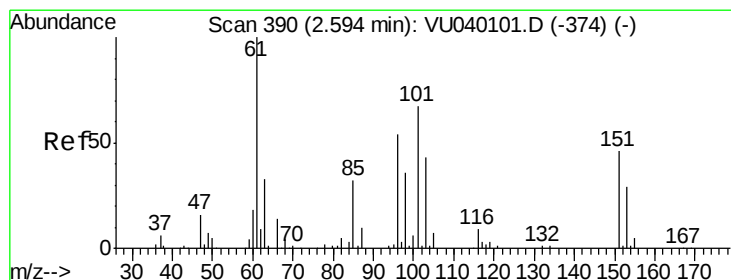
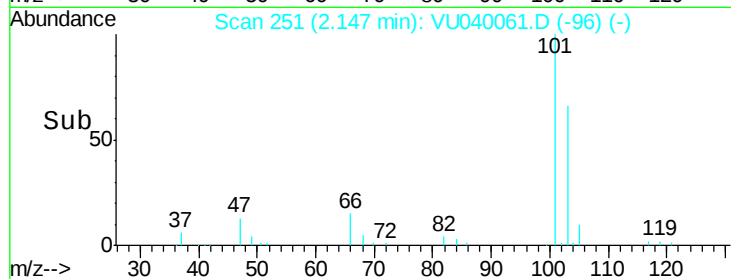
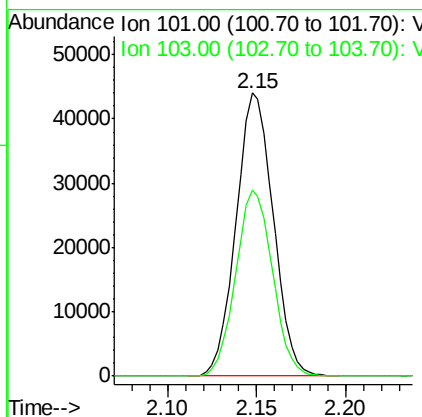
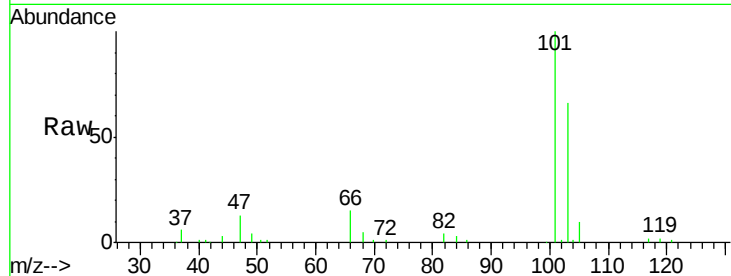
Trichlorofluoromethane
 Concen: 4.446 ug/l
 RT: 2.15 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
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 VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	50.8	76.2

Manual Integrations
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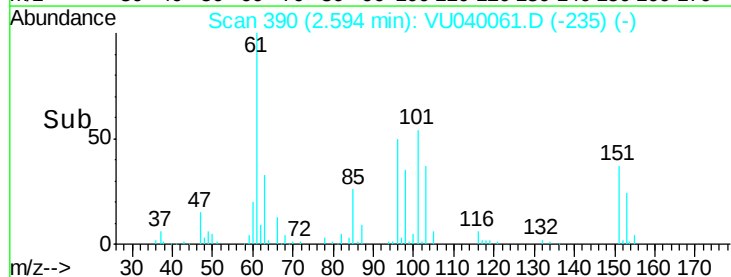
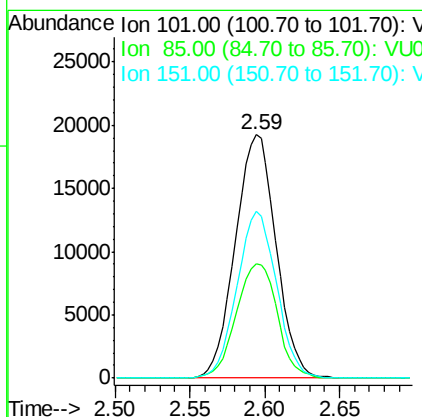
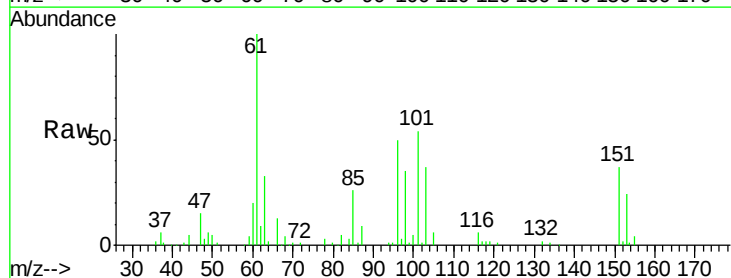
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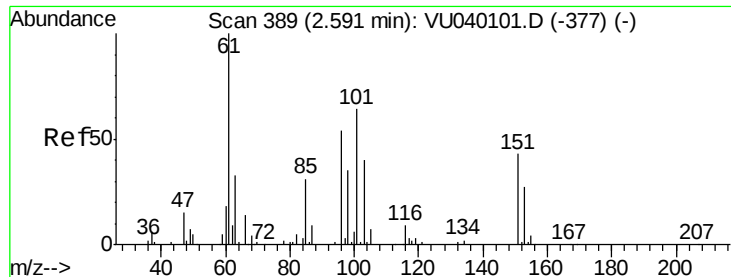


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.429 ug/l
 RT: 2.59 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.2	38.5	57.7
151	66.3	54.6	81.8





#9

1,1-Dichloroethene

Concen: 4.001 ug/l

RT: 2.59 min Scan# 390

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 96 Resp: 29989

Ion Ratio Lower Upper

96 100

61 200.5 0.0 557.1

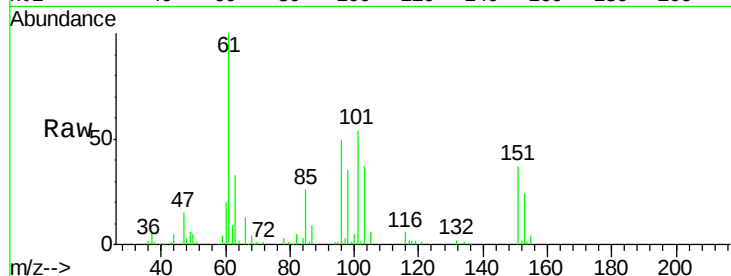
98 69.7 0.0 125.6

Manual Integrations

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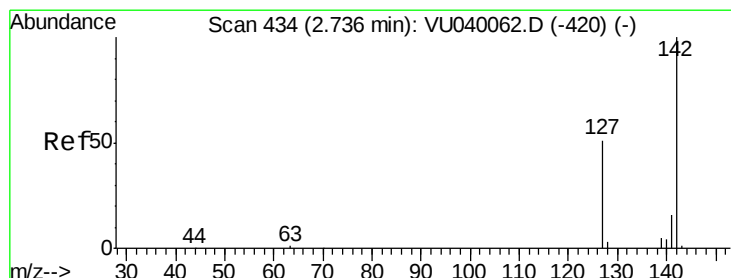
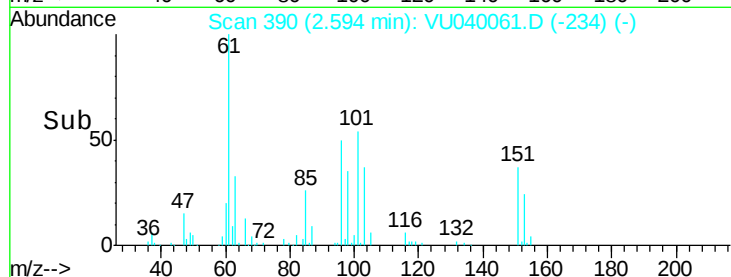
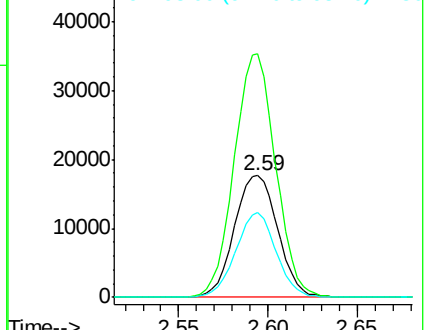
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Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 4.047 ug/l

RT: 2.74 min Scan# 434

Delta R.T. -0.00 min

Lab File: VU040061.D

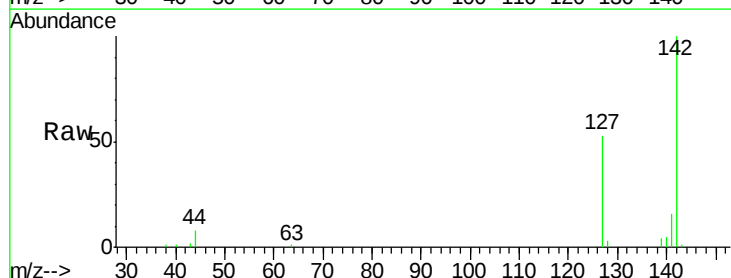
Acq: 09 Sep 2020 12:00

Tgt Ion: 142 Resp: 30200

Ion Ratio Lower Upper

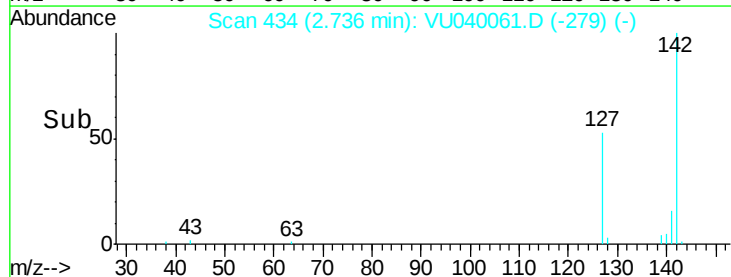
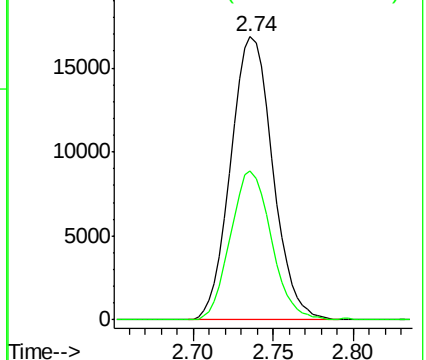
142 100

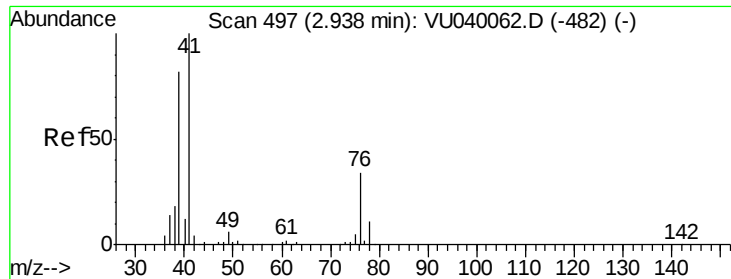
127 51.0 41.4 62.0



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V





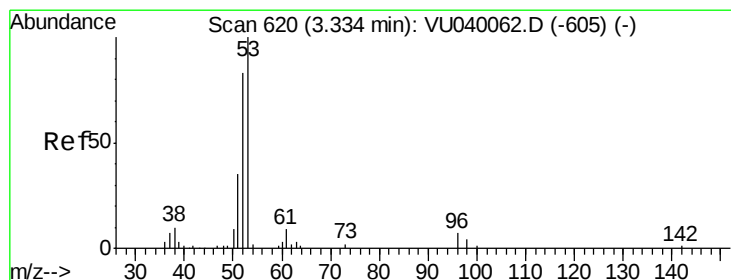
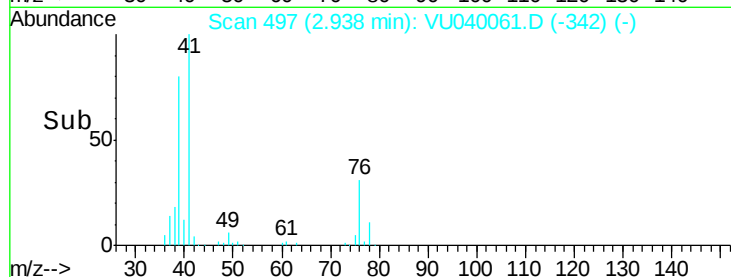
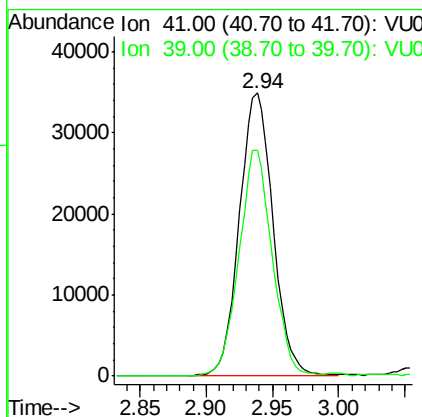
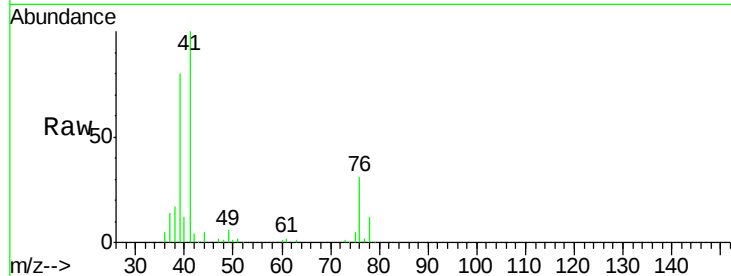
#11
Allvl Chloride
Concen: 3.863 ug/l
RT: 2.94 min Scan# 497
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion: 41 Resp: 61747
Ion Ratio Lower Upper
41 100
39 78.7 64.6 96.8

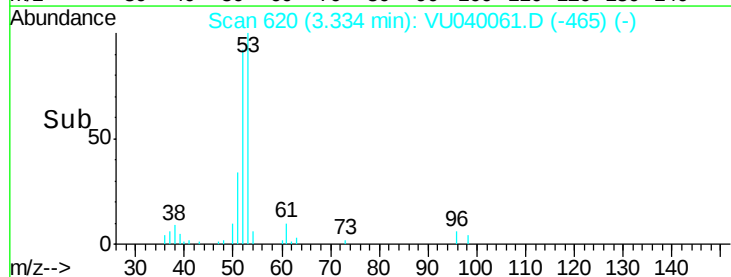
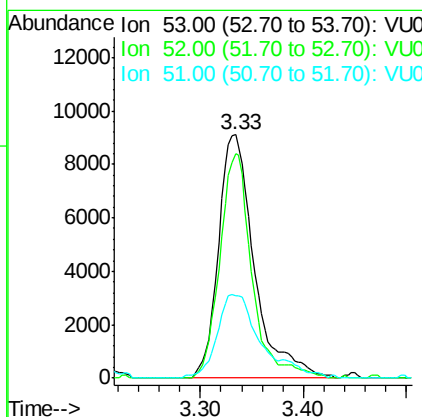
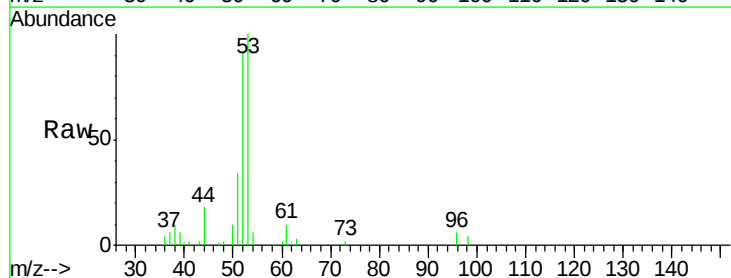
Manual Integrations
APPROVED

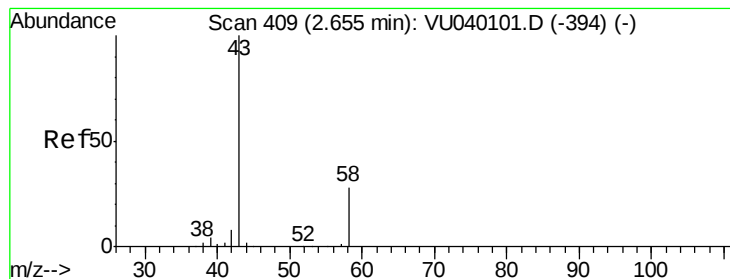
MMDadoda
9/17/2020 4:47:12 PM



#12
Acrylonitrile
Concen: 8.388 ug/l
RT: 3.33 min Scan# 620
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 53 Resp: 22109
Ion Ratio Lower Upper
53 100
52 79.2 64.0 96.0
51 41.8 28.2 42.2





#13

Acetone

Concen: 19.928 ug/l

RT: 2.64 min Scan# 404

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 49484

Ion Ratio Lower Upper

43 100

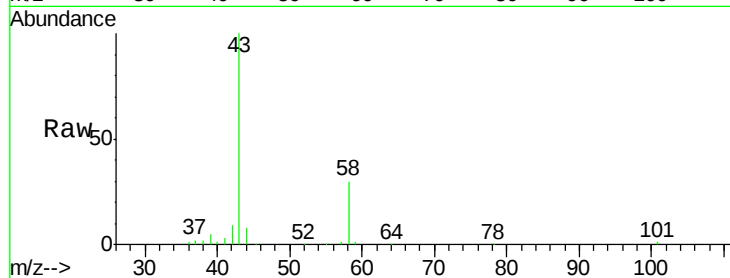
58 30.4 20.6 31.0

Manual Integrations

APPROVED

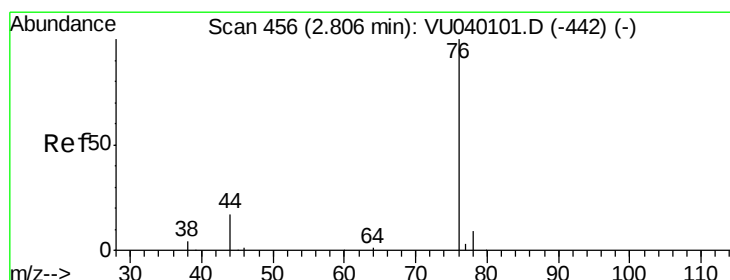
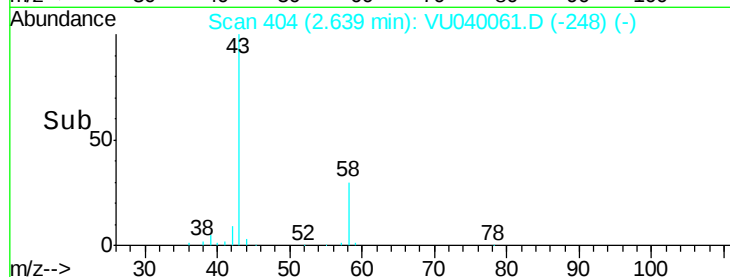
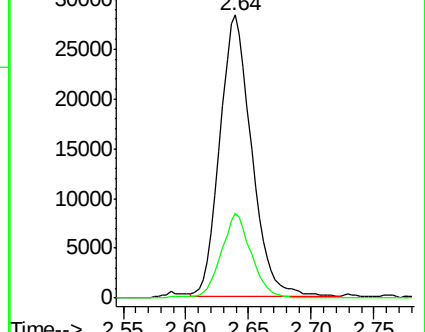
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VU040101.D (-394) (-)

Ion 58.00 (57.70 to 58.70): VU040101.D (-394) (-)



#14

Carbon Disulfide

Concen: 3.211 ug/l

RT: 2.81 min Scan# 456

Delta R.T. -0.00 min

Lab File: VU040061.D

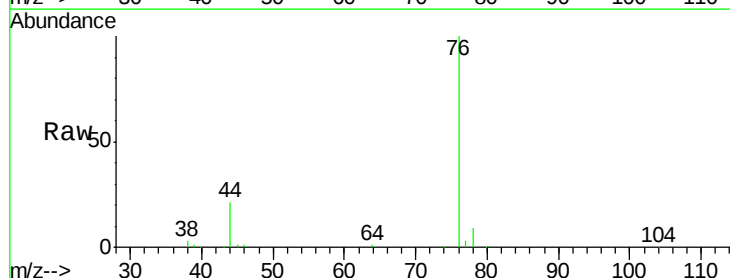
Acq: 09 Sep 2020 12:00

Tgt Ion: 76 Resp: 85479

Ion Ratio Lower Upper

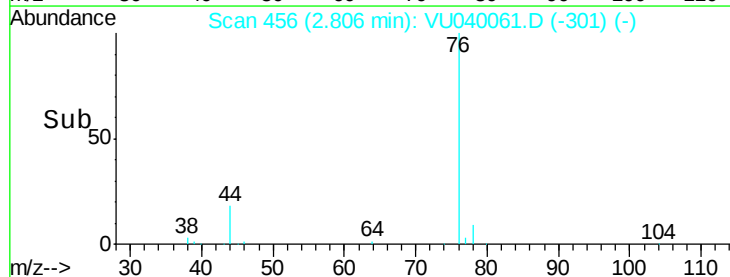
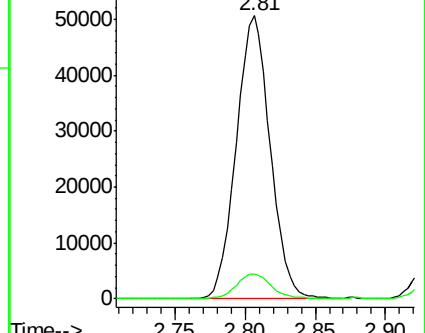
76 100

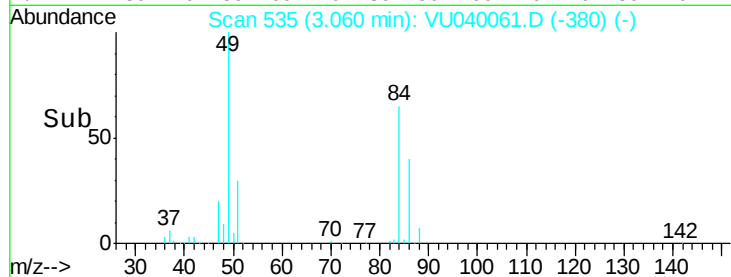
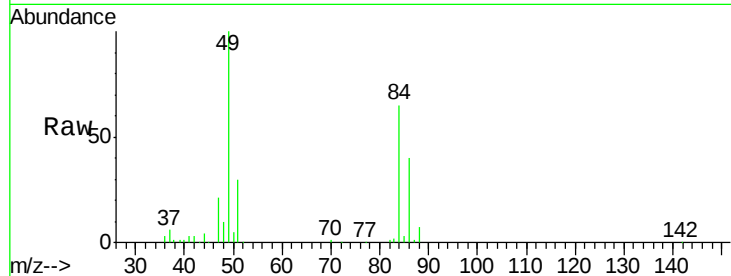
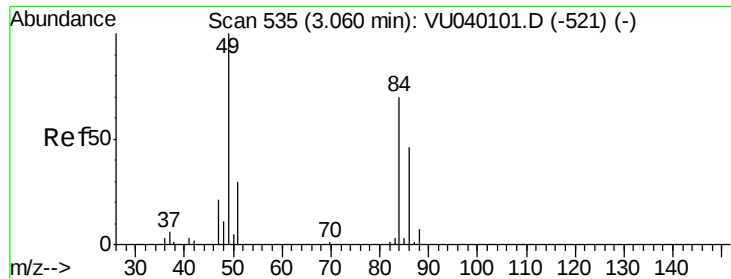
78 8.9 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VU040101.D (-442) (-)

Ion 78.00 (77.70 to 78.70): VU040101.D (-442) (-)





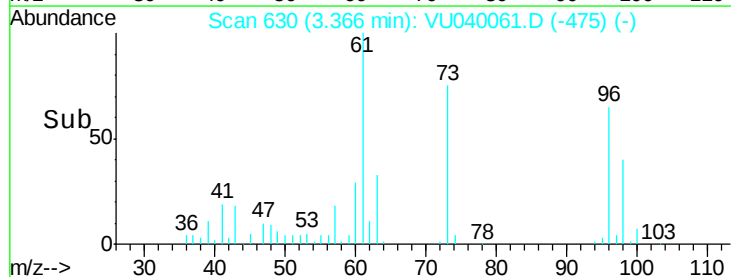
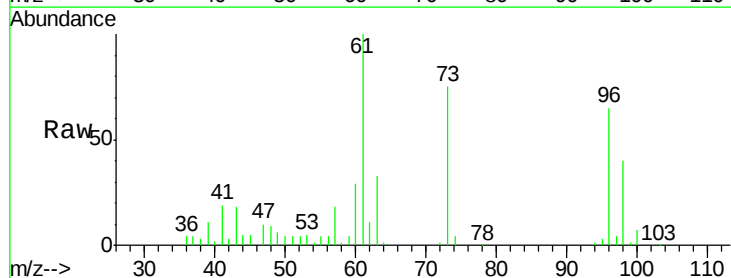
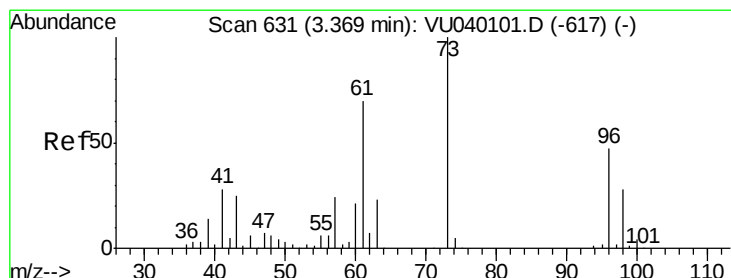
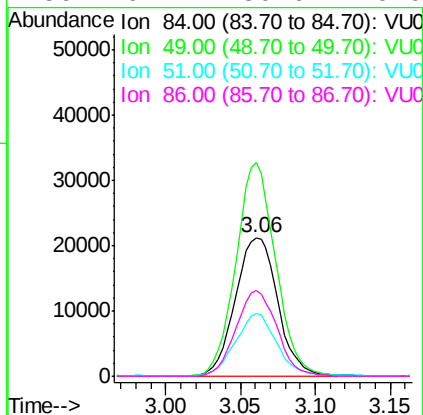
#15
Methvlene Chloride
Concen: 3.982 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tot Ion:	84	Resp:	41946
Ion	Ratio	Lower	Upper
84	100		
49	153.8	114.3	171.5
51	45.4	0.0	84.6
86	61.7	50.6	76.0

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

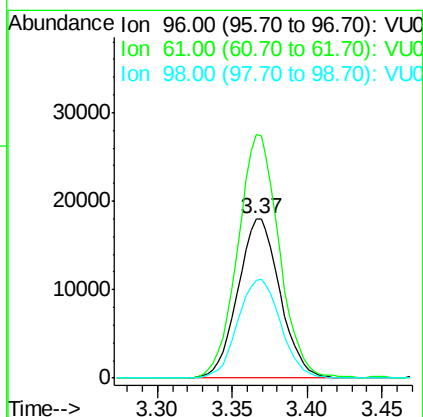
Manual Integrations
APPROVED

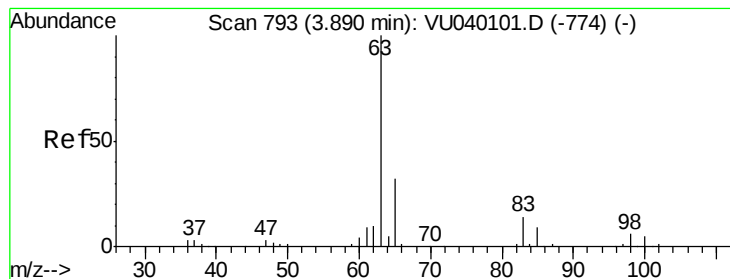
MMDadoda
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#16
trans-1,2-Dichloroethene
Concen: 4.129 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion:	96	Resp:	35148
Ion	Ratio	Lower	Upper
96	100		
61	152.9	121.4	182.0
98	61.1	51.9	77.9





#17

1,1-Dichloroethane

Concen: 3.826 ug/l

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

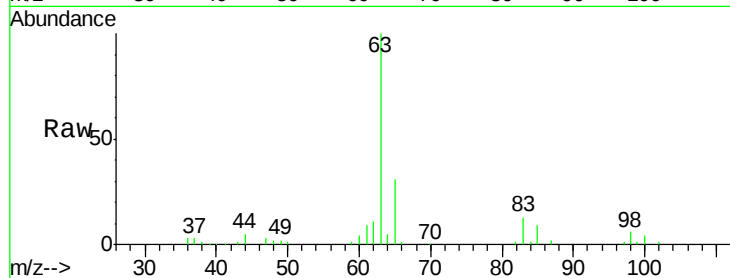
ClientSampleId :

VSTDIC005

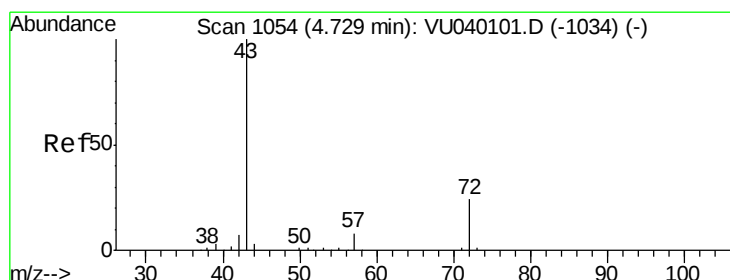
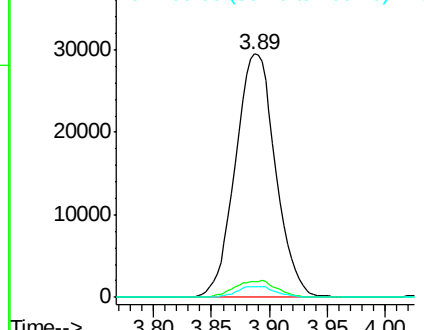
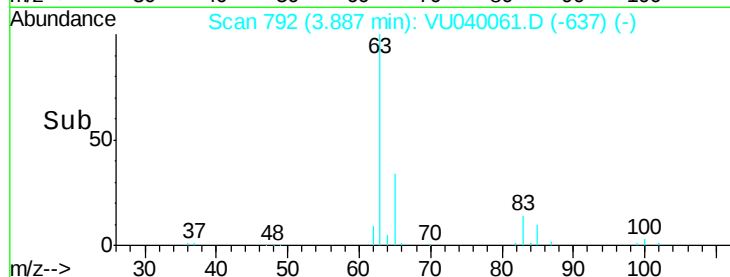
Tot Ion:	63	Resp:	70969
Ion	Ratio	Lower	Upper
63	100		
98	6.5	3.1	9.4
100	4.4	2.0	5.8

Manual Integrations
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Abundance Ion 63.00 (62.70 to 63.70): VU040061.D (-637) (-)



#18

2-Butanone

Concen: 18.837 ug/l

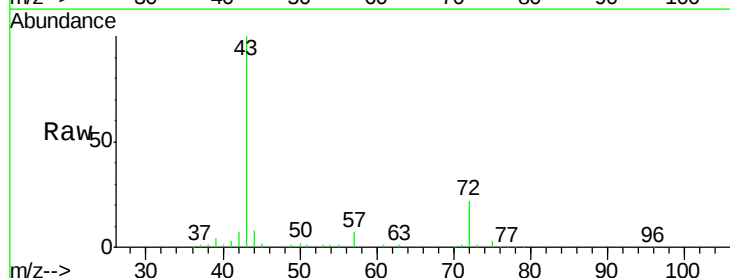
RT: 4.74 min Scan# 1057

Delta R.T. 0.00 min

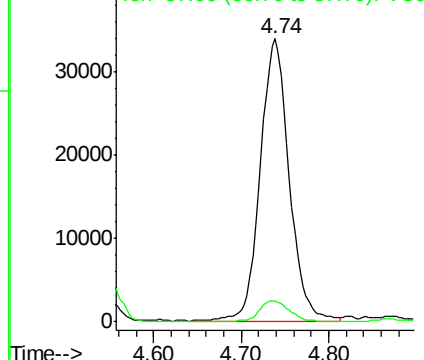
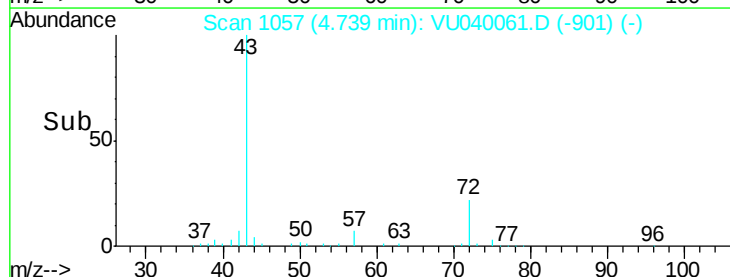
Lab File: VU040061.D

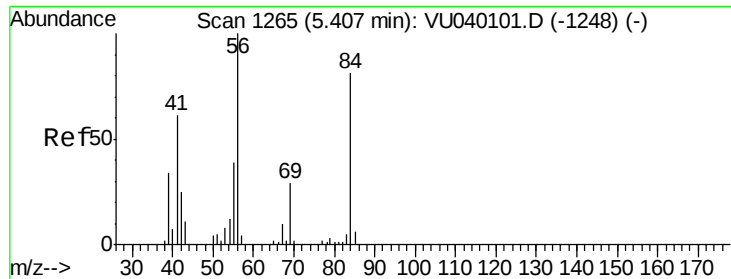
Acq: 09 Sep 2020 12:00

Tgt Ion:	43	Resp:	77386
Ion	Ratio	Lower	Upper
43	100		
57	7.4	0.0	15.2



Abundance Ion 43.00 (42.70 to 43.70): VU040061.D (-901) (-)





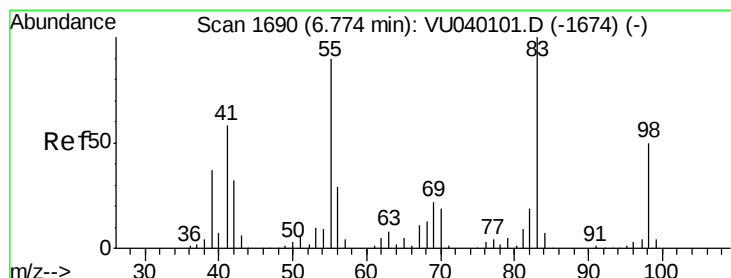
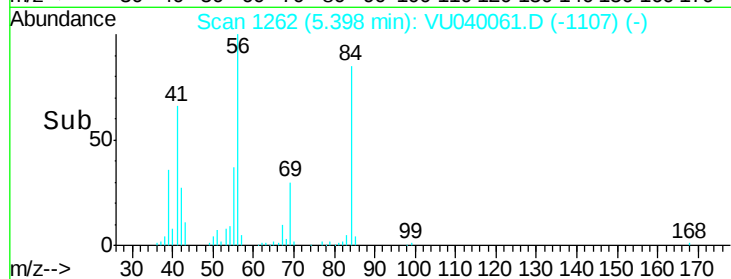
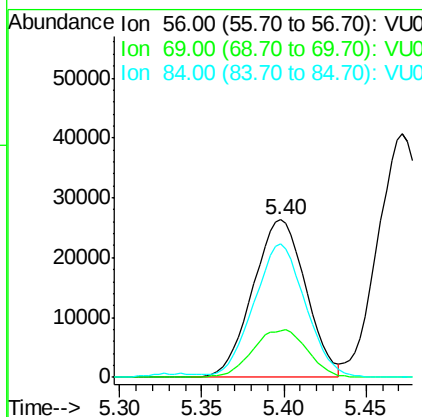
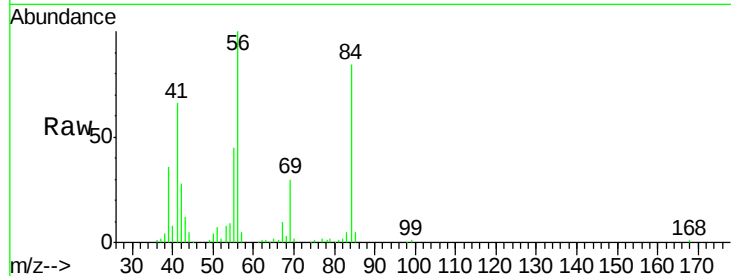
#19
Cyclohexane
Concen: 3.344 ug/l m
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.0	23.5	35.3
84	79.8	63.8	95.6

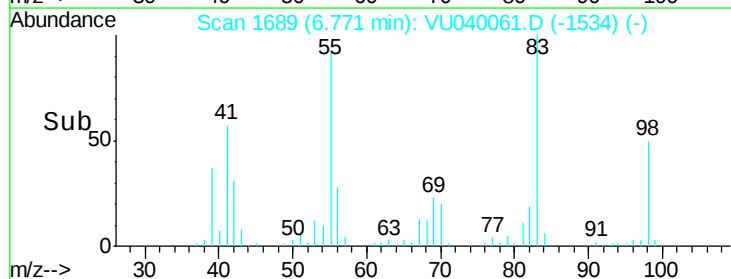
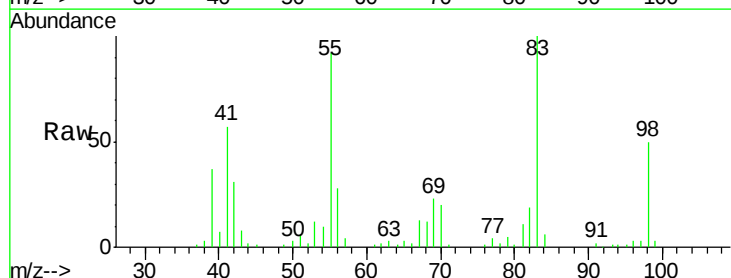
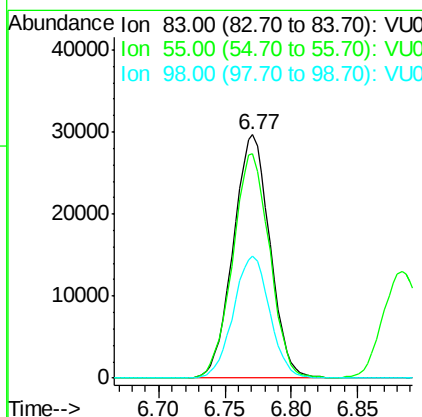
Manual Integrations
APPROVED

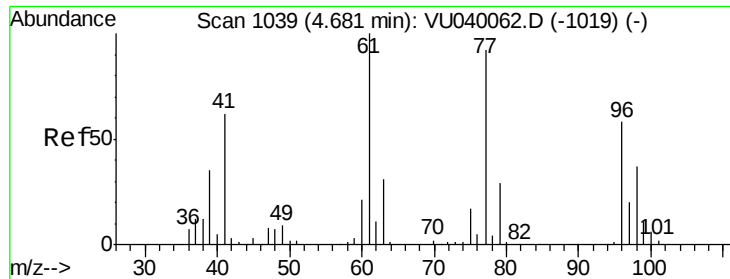
MMDadoda
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#20
Methylcyclohexane
Concen: 4.249 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
55	92.6	69.4	104.2
98	49.7	37.5	56.3





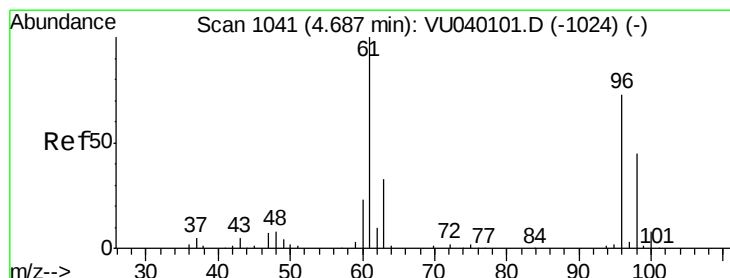
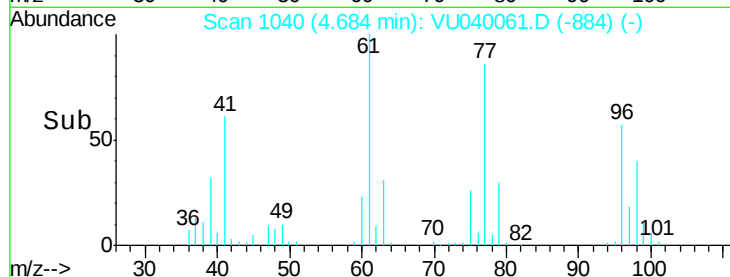
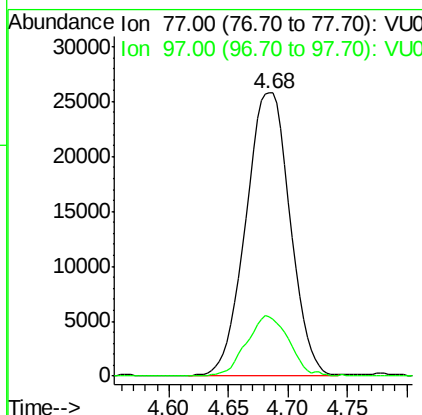
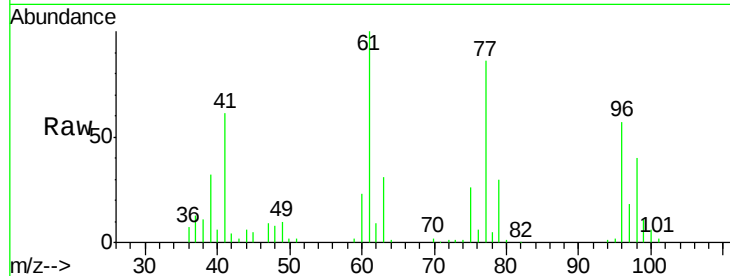
#21
 2,2-Dichloropropane
 Concen: 4.322 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion: 77 Resp: 66654
 Ion Ratio Lower Upper
 77 100
 97 20.3 16.4 24.6

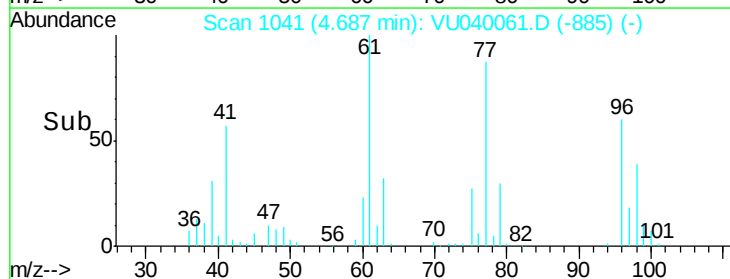
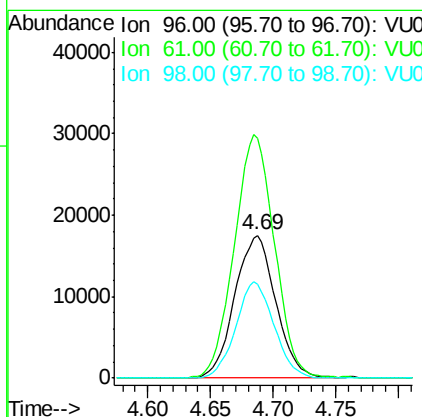
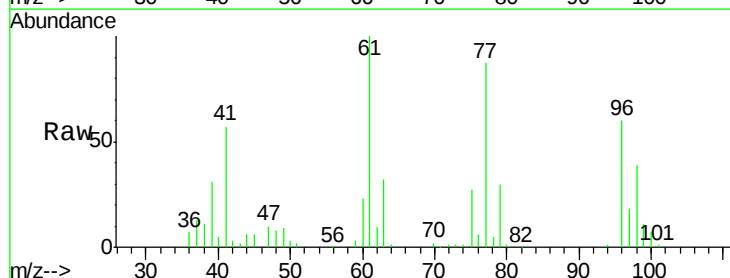
Manual Integrations
 APPROVED

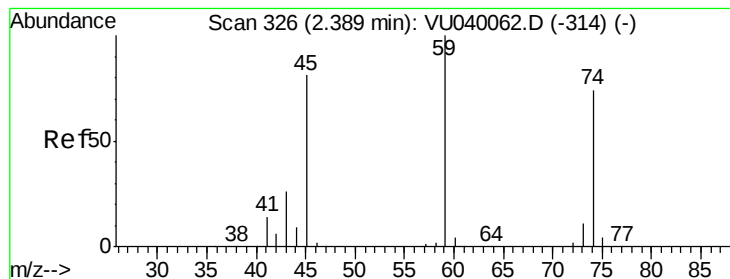
MMDadoda
 9/17/2020 4:47:12 PM



#22
 cis-1,2-Dichloroethene
 Concen: 4.310 ug/l
 RT: 4.69 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion: 96 Resp: 39780
 Ion Ratio Lower Upper
 96 100
 61 167.1 0.0 420.0
 98 62.5 31.8 95.3





#23

Diethyl Ether

Concen: 3.877 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

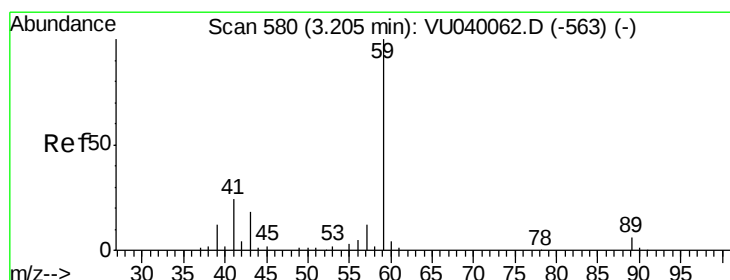
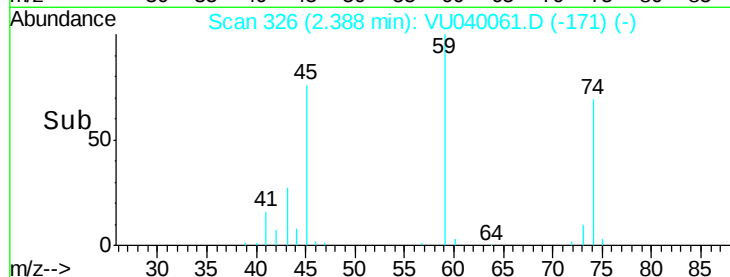
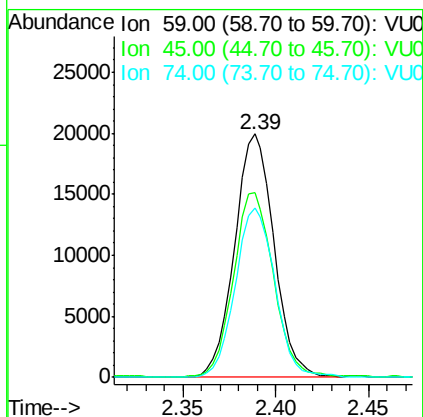
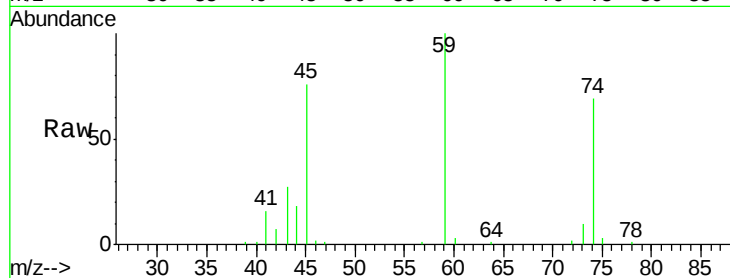
ClientSampleId :

VSTDIC005

Tot Ion:	59	Resp:	29464
Ion	Ratio	Lower	Upper
59	100		
45	77.5	62.4	93.6
74	70.0	57.7	86.5

Manual Integrations
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#24

tert-Butyl Alcohol

Concen: 27.246 ug/l

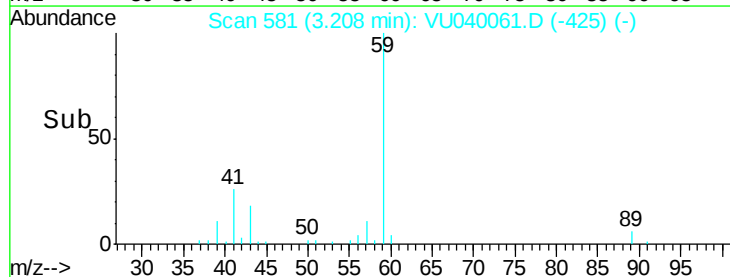
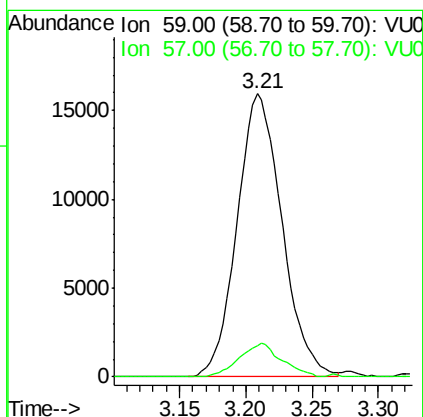
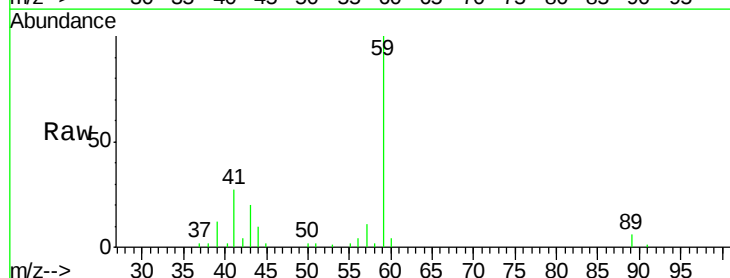
RT: 3.21 min Scan# 581

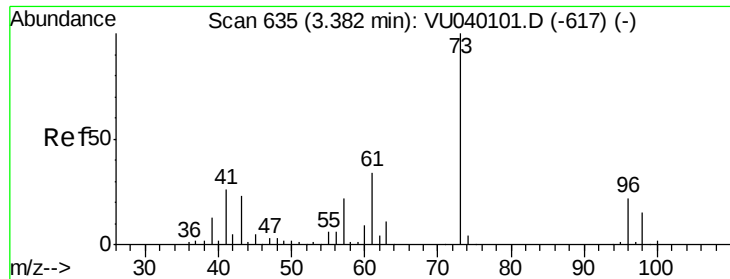
Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Tgt Ion:	59	Resp:	37619
Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.0	13.6





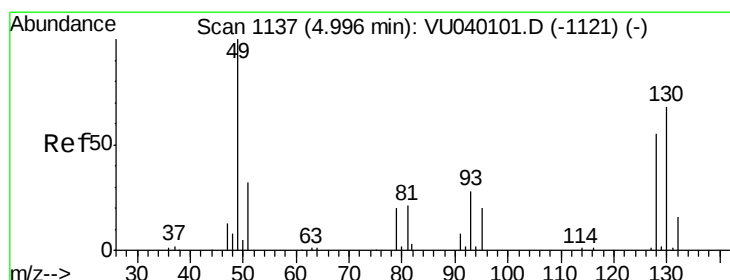
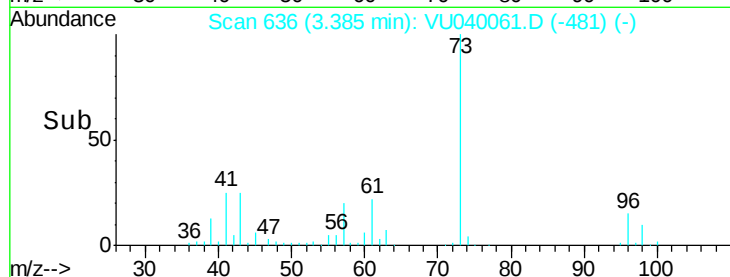
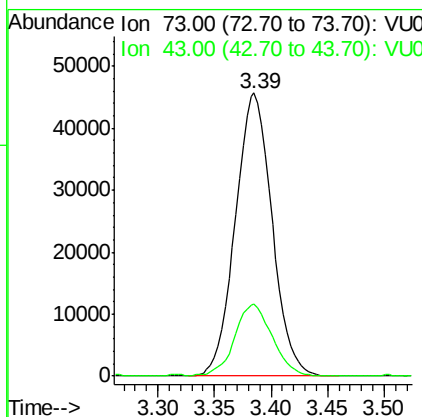
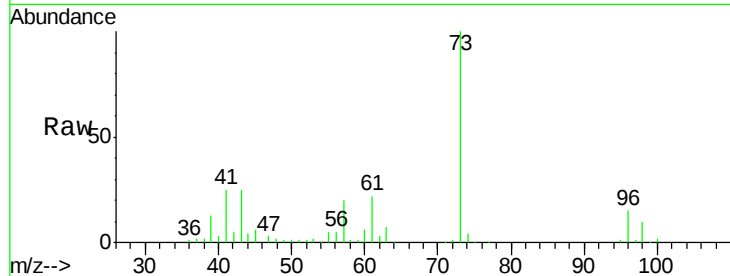
#25
Methvl tert-Butvl Ether
Concen: 4.212 ug/l
RT: 3.39 min Scan# 636
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion: 73 Resp: 103233
Ion Ratio Lower Upper
73 100
43 26.0 20.0 30.0

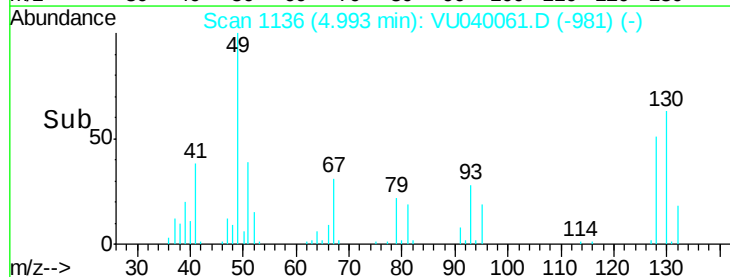
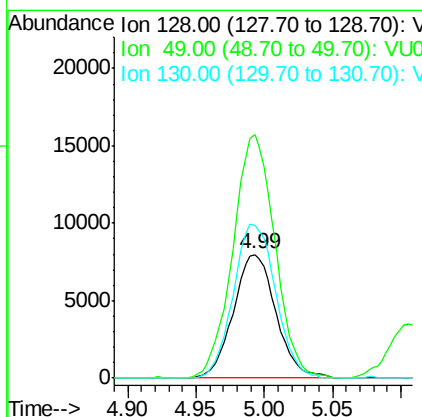
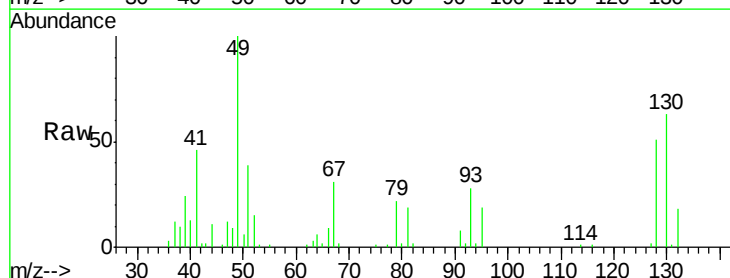
Manual Integrations
APPROVED

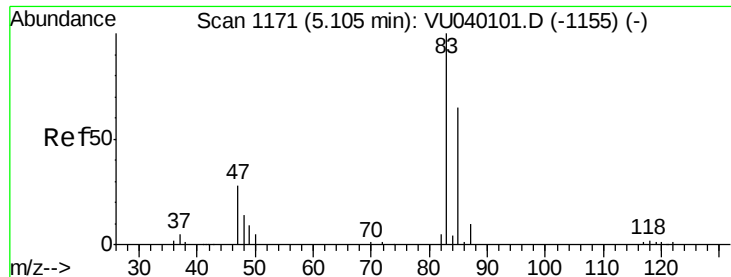
MMDadoda
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#26
Bromochloromethane
Concen: 4.536 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 128 Resp: 17299
Ion Ratio Lower Upper
128 100
49 194.2 0.0 390.6
130 124.1 104.9 157.3





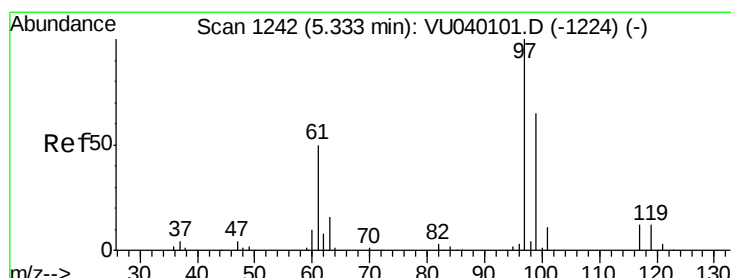
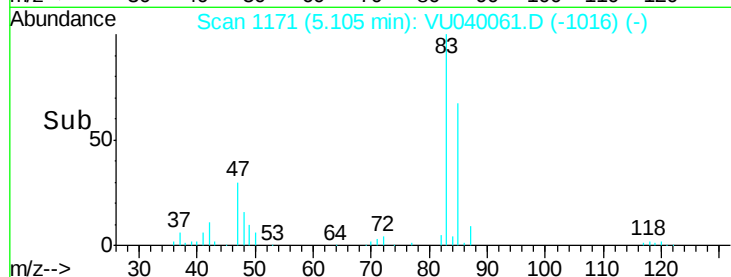
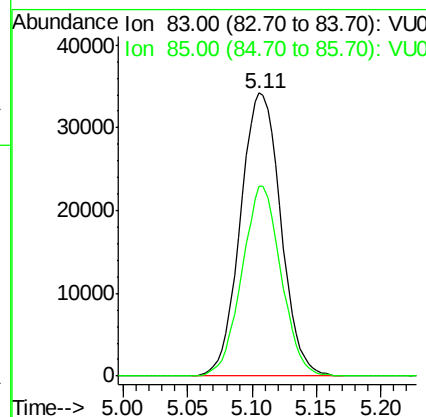
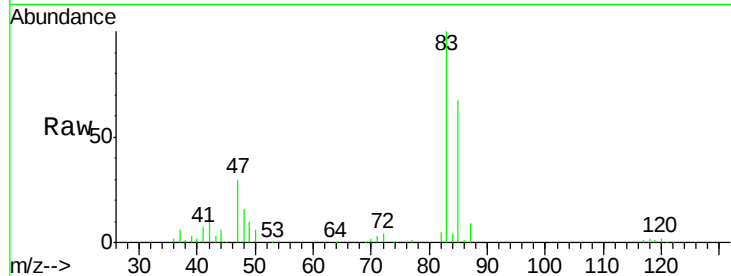
#27
Chloroform
Concen: 4.238 ug/l
RT: 5.11 min Scan# 1171
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	74595
Ion Ratio	100	Lower	Upper
85	67.2	0.0	132.4

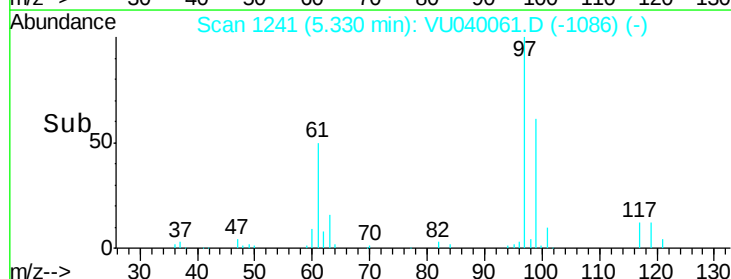
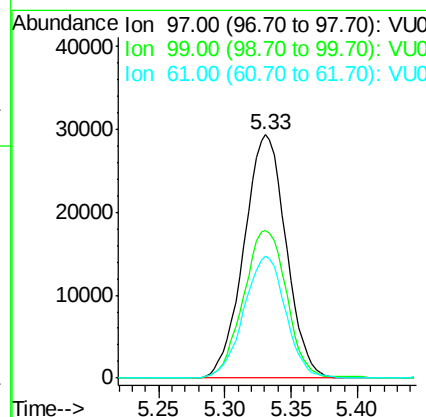
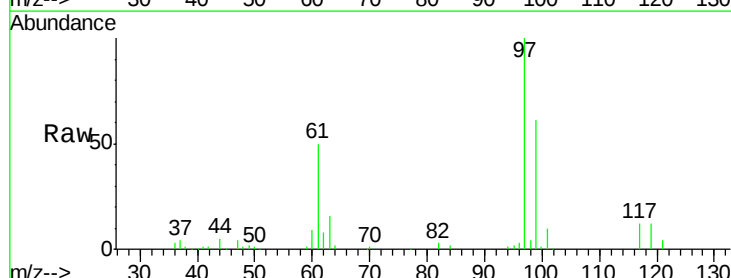
Manual Integrations
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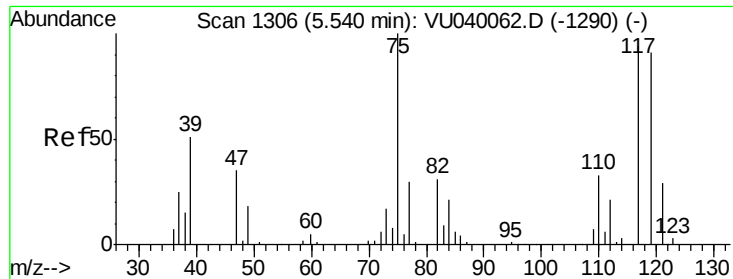
MMDadoda
9/17/2020 4:47:12 PM



#28
1,1,1-Trichloroethane
Concen: 4.511 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion	97	Resp	64971
Ion Ratio	100	Lower	Upper
99	62.0	31.8	95.4
61	49.7	25.1	75.2





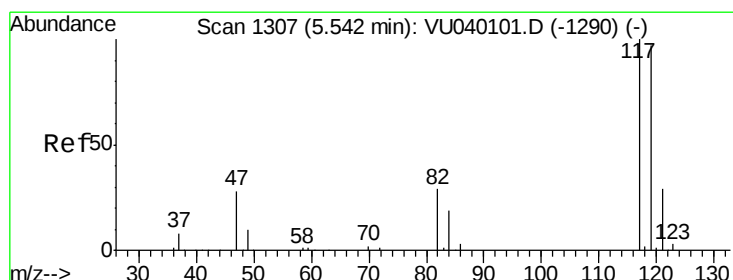
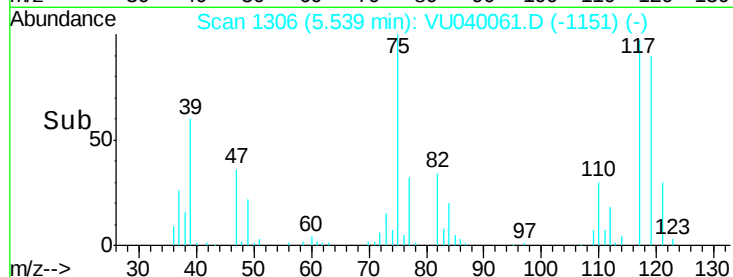
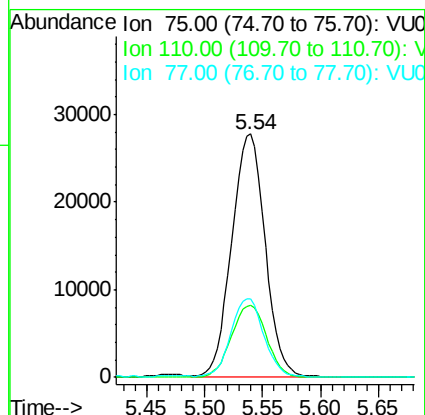
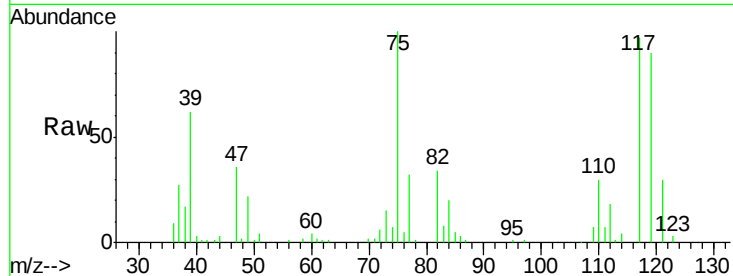
#29
 1,1-Dichloropropene
 Concen: 4.083 ug/l
 RT: 5.54 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
110	31.0	16.2	48.6
77	31.8	25.3	37.9

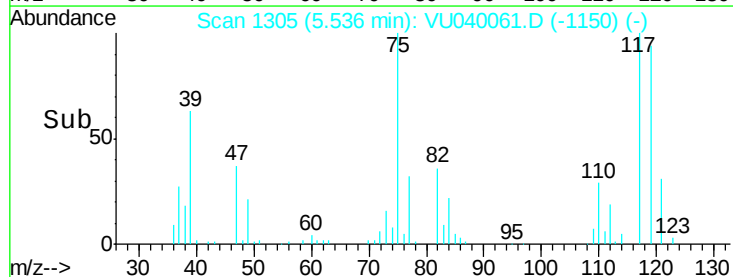
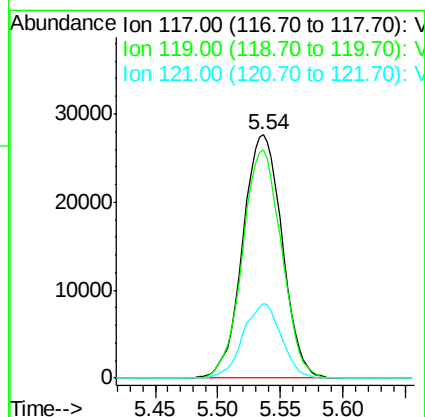
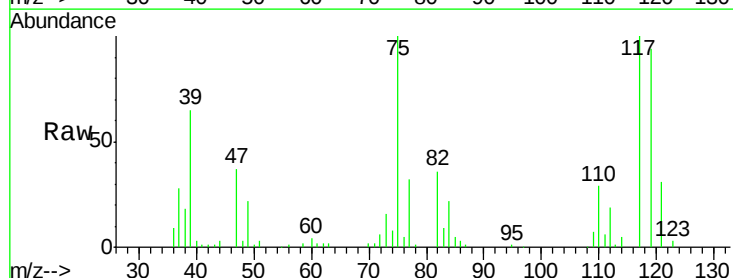
Manual Integrations
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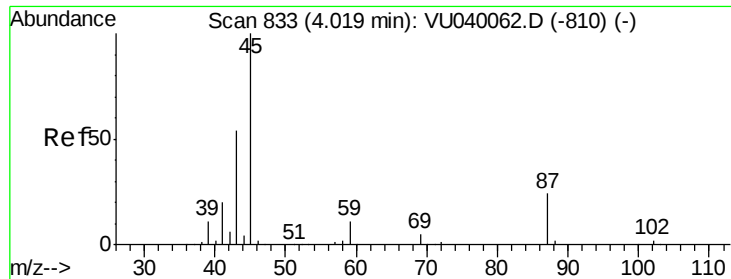
MMDadoda
 9/17/2020 4:47:12 PM



#30
 Carbon Tetrachloride
 Concen: 5.049 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.9	77.0	115.4
121	30.8	24.2	36.4





#31

Isopropyl Ether

Concen: 3.678 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 45 Resp: 123941

Ion Ratio Lower Upper

45 100

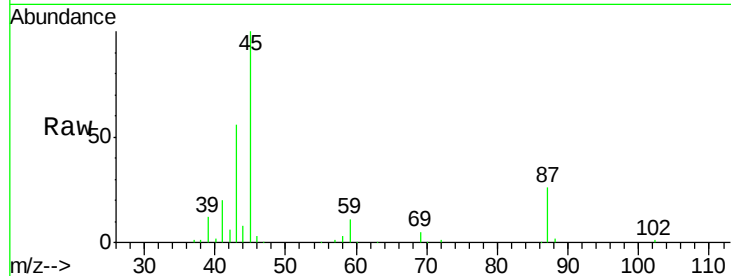
43 57.0 27.9 83.7

Manual Integrations

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Abundance Ion 45.00 (44.70 to 45.70): VU040061.D (-678) (-)

Ion 43.00 (42.70 to 43.70): VU040061.D (-678) (-)

45000

40000

30000

20000

10000

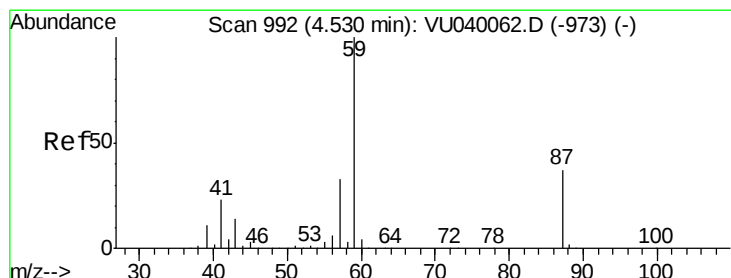
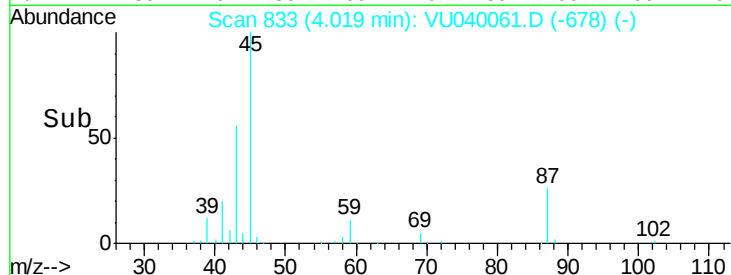
0

Time-->

3.90

4.00

4.10



#32

Ethyl-t-butyl ether

Concen: 4.032 ug/l

RT: 4.53 min Scan# 992

Delta R.T. -0.00 min

Lab File: VU040061.D

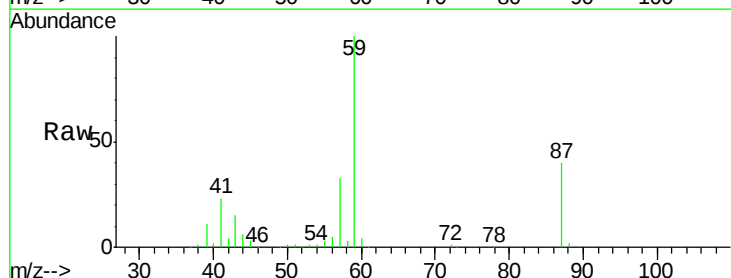
Acq: 09 Sep 2020 12:00

Tgt Ion: 59 Resp: 116716

Ion Ratio Lower Upper

59 100

87 39.3 30.7 46.1



Abundance Ion 59.00 (58.70 to 59.70): VU040061.D (-837) (-)

Ion 87.00 (86.70 to 87.70): VU040061.D (-837) (-)

50000

40000

30000

20000

10000

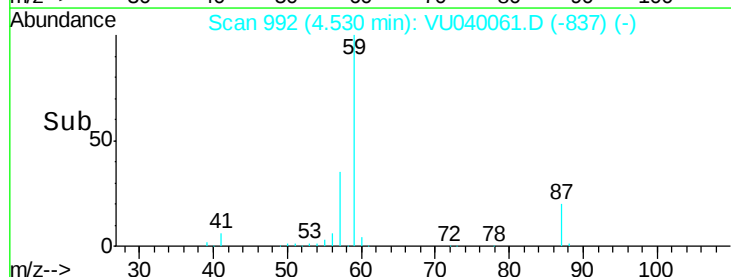
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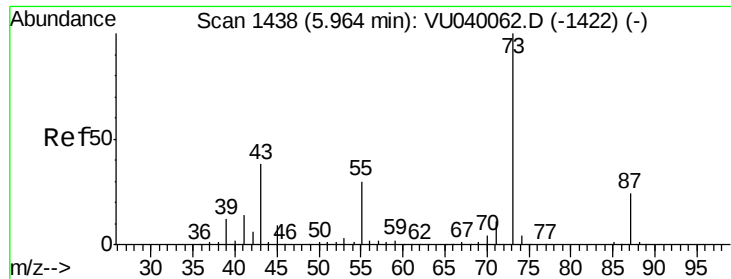
Time-->

4.40

4.50

4.60





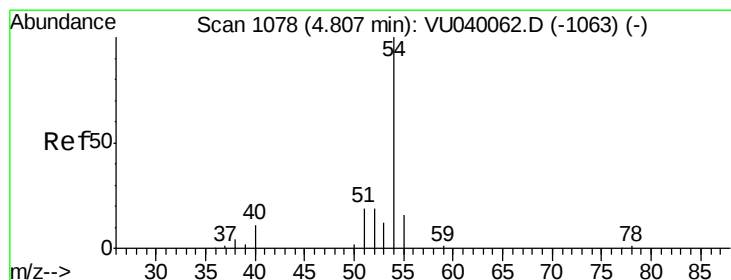
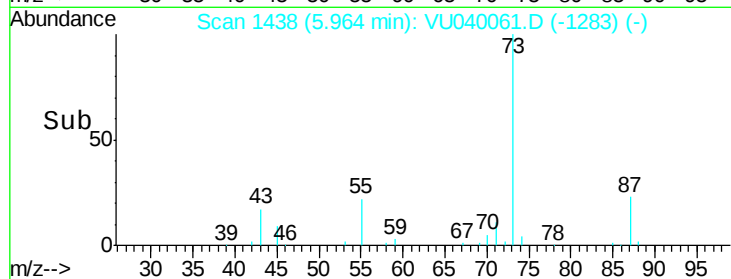
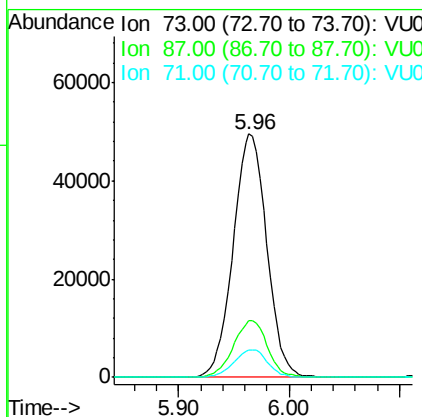
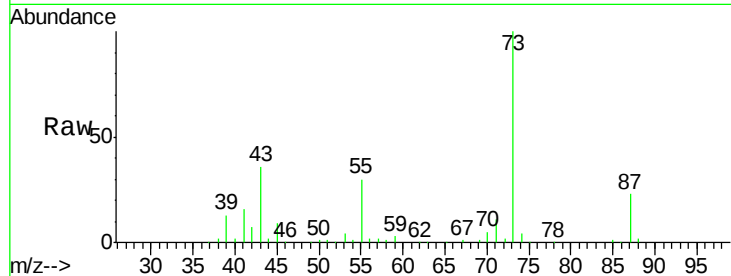
#33
Tert-Butyl methyl ether
Concen: 4.870 ug/l
RT: 5.96 min Scan# 1438
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.5	19.4	29.0
71	11.4	9.2	13.8

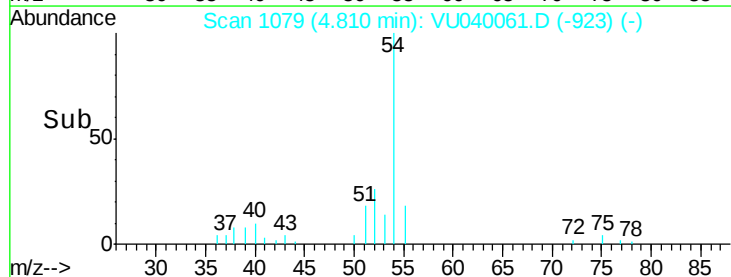
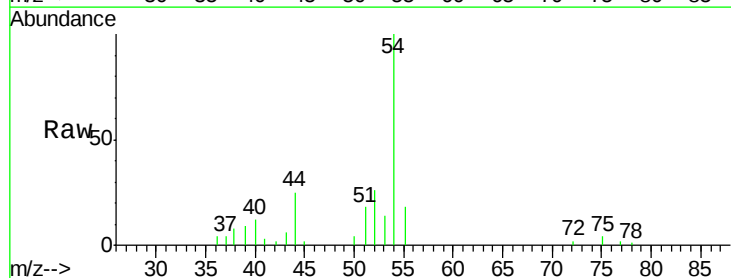
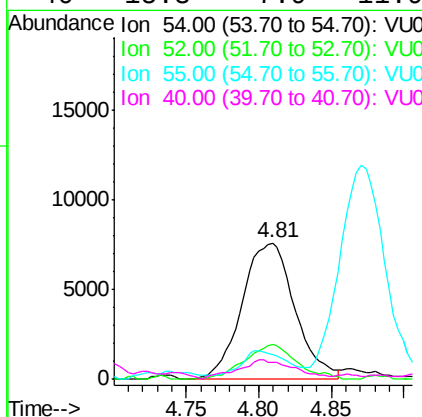
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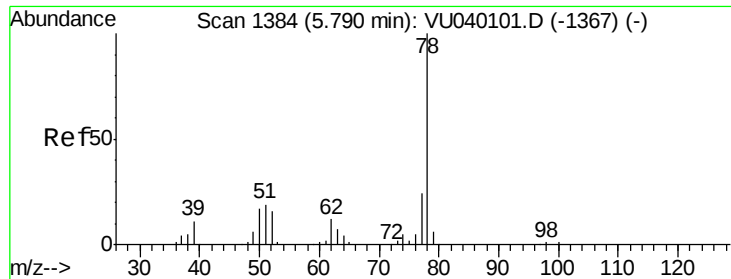
MMDadoda
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#34
Propionitrile
Concen: 18.895 ug/l
RT: 4.81 min Scan# 1079
Delta R.T. 0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
54	100		
52	24.7	16.2	24.4#
55	15.4	12.6	18.8
40	15.3	7.9	11.9#





#35

Benzene

Concen: 4.524 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 78 Resp: 155608

Ion Ratio Lower Upper

78 100

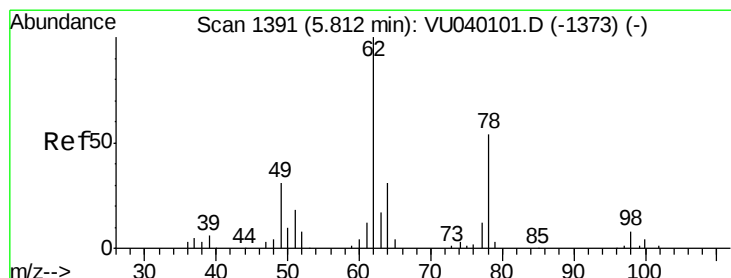
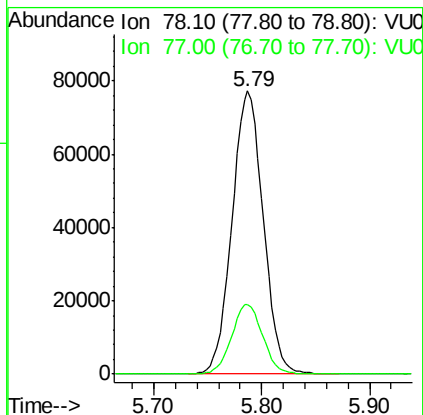
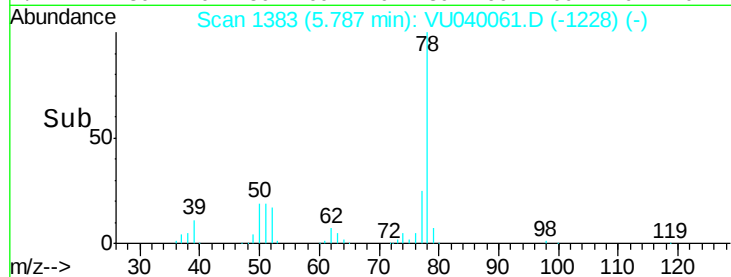
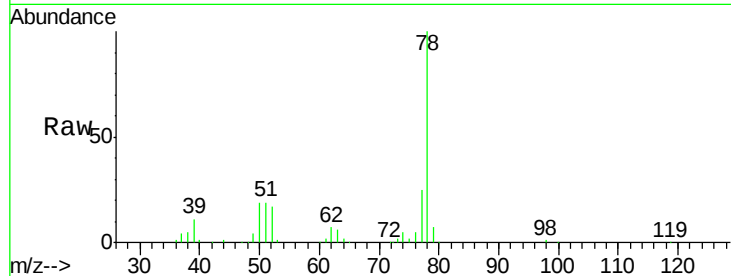
77 24.8 19.1 28.7

Manual Integrations

APPROVED

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#36

1,2-Dichloroethane

Concen: 4.639 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU040061.D

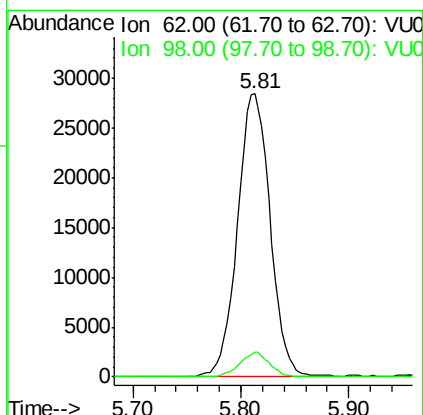
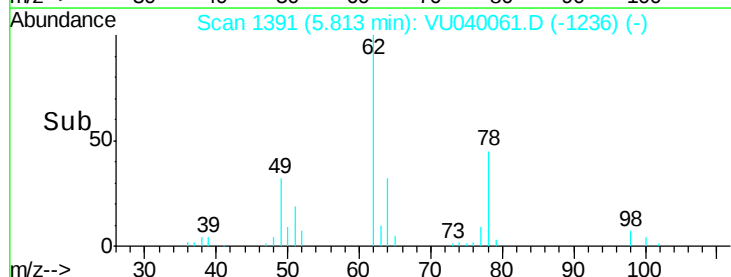
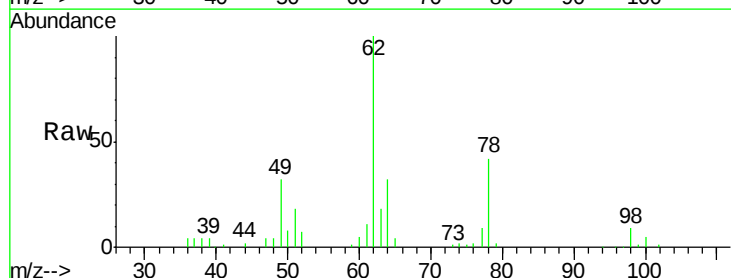
Acq: 09 Sep 2020 12:00

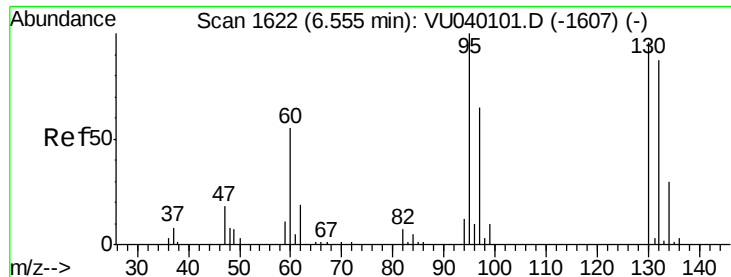
Tgt Ion: 62 Resp: 60002

Ion Ratio Lower Upper

62 100

98 7.9 6.5 9.7





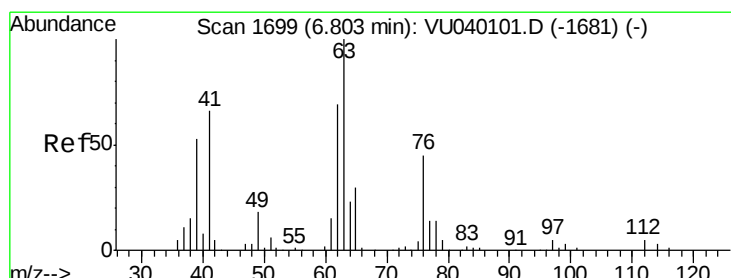
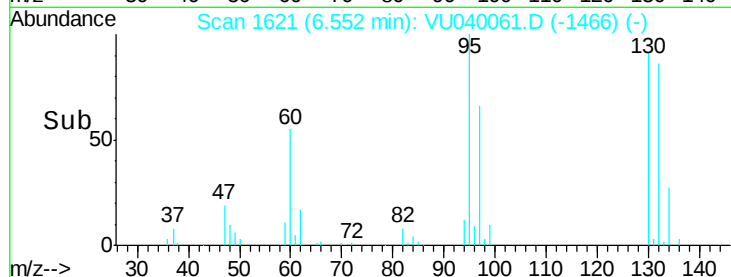
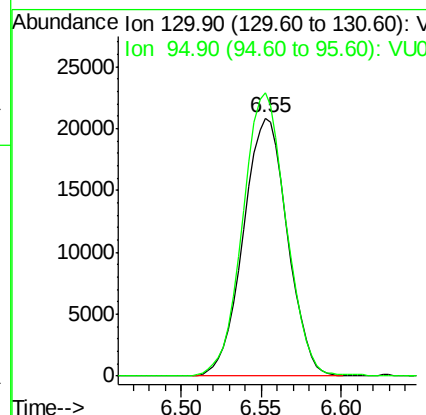
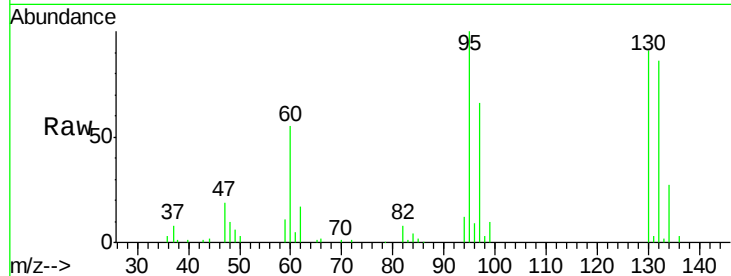
#37
 Trichloroethene
 Concen: 4.929 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:130 Resp: 39216
 Ion Ratio Lower Upper
 130 100
 95 109.6 84.2 126.2

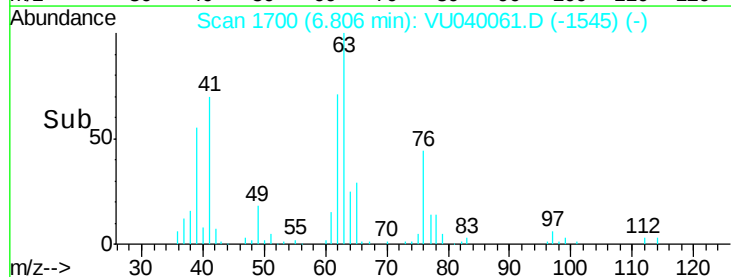
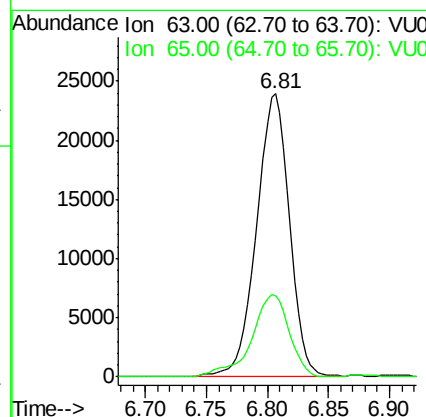
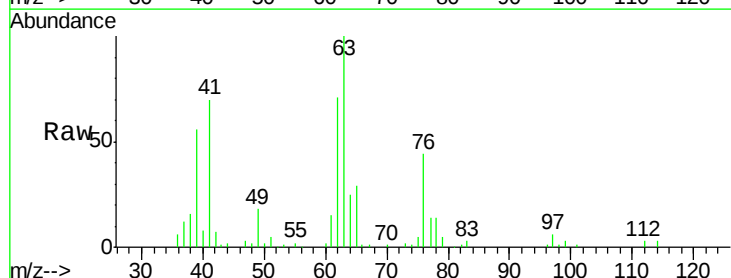
Manual Integrations
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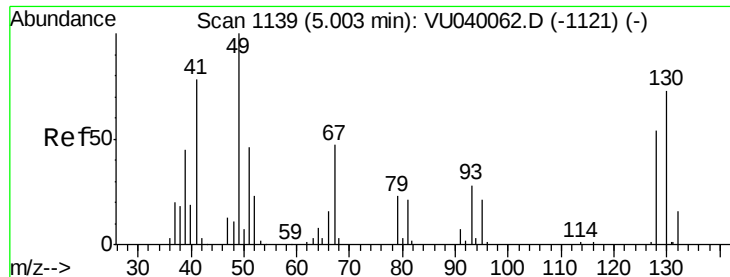
MMDadoda
 9/17/2020 4:47:12 PM



#38
 1,2-Dichloropropane
 Concen: 4.722 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion: 63 Resp: 44659
 Ion Ratio Lower Upper
 63 100
 65 28.7 23.0 34.6





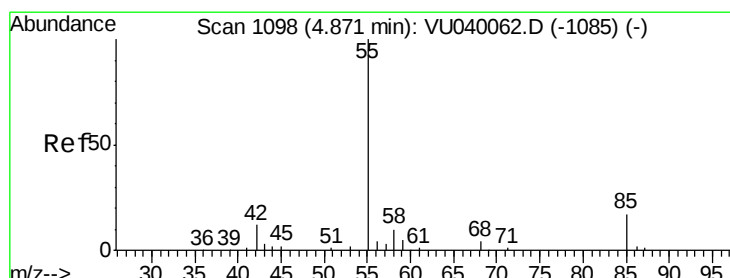
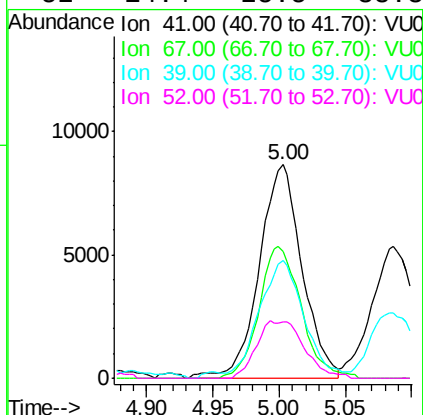
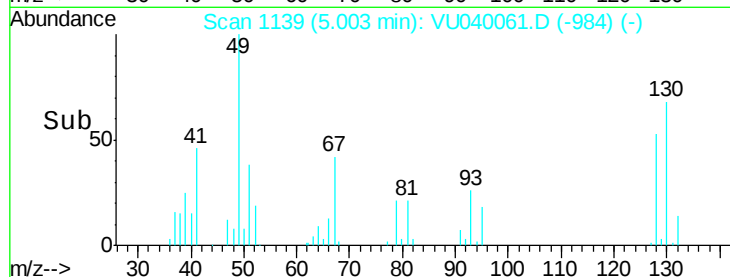
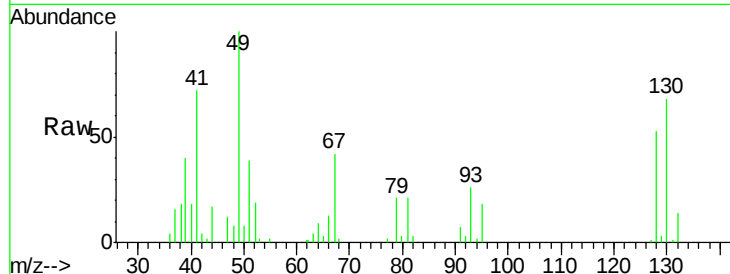
#39
Methacrylonitrile
Concen: 3.598 ug/l
RT: 5.00 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
67	60.8	49.2	73.8
39	52.8	46.5	69.7
52	14.4	25.5	38.3#

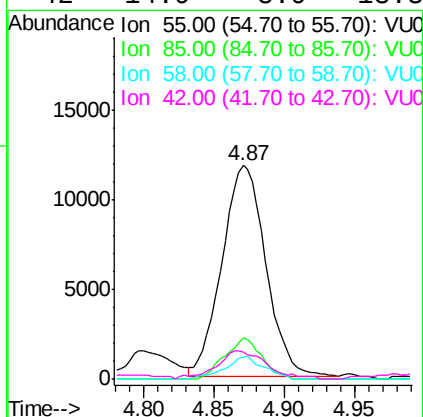
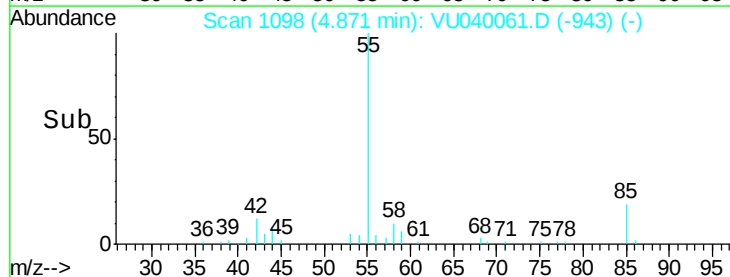
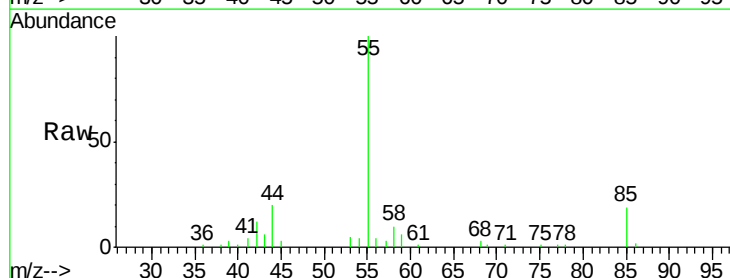
Manual Integrations
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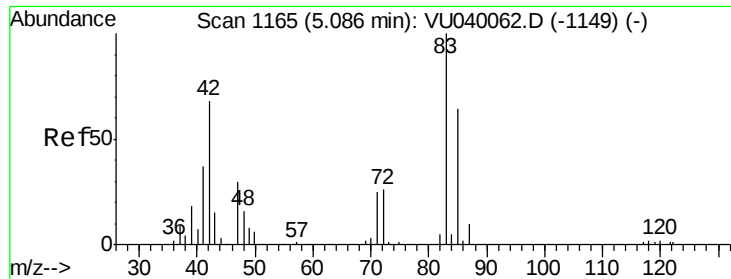
MMDadoda
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#40
Methyl acrylate
Concen: 3.686 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
55	100		
85	16.5	13.3	19.9
58	9.5	7.5	11.3
42	14.9	8.9	13.3#





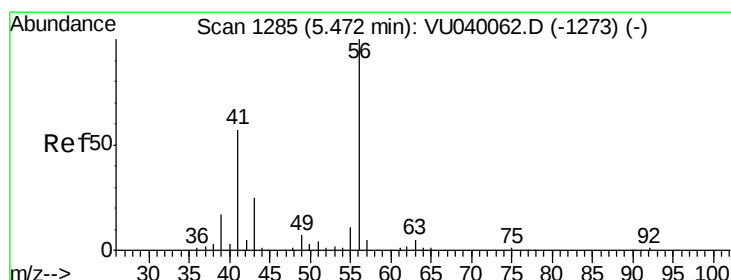
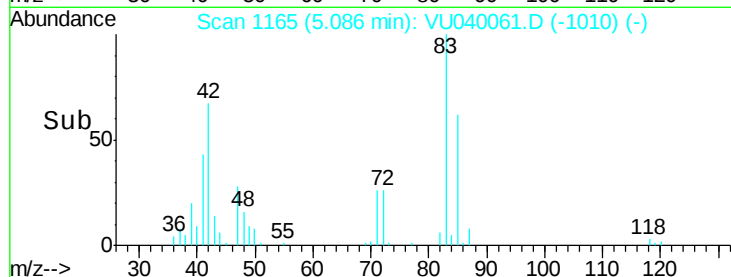
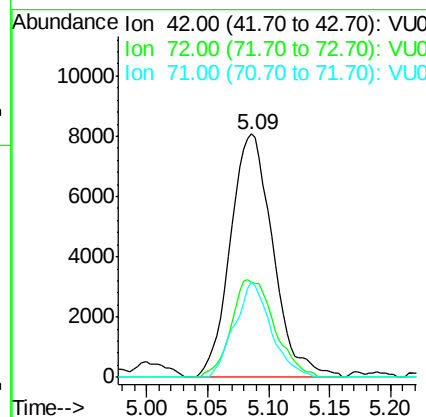
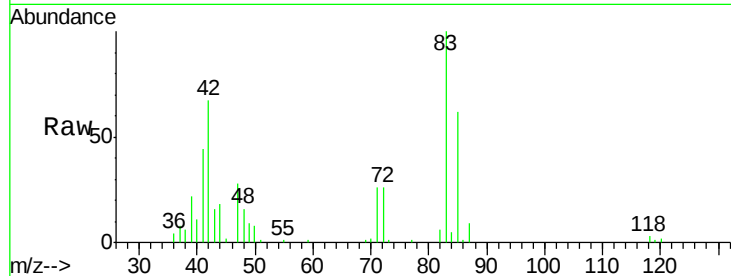
#41
Tetrahydrofuran
Concen: 7.282 ug/l
RT: 5.09 min Scan# 1165
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.5	33.8	50.6
71	33.4	30.9	46.3

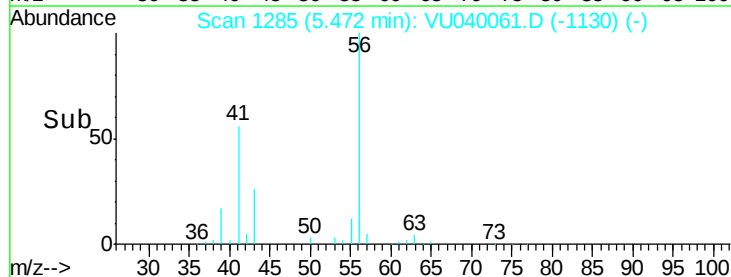
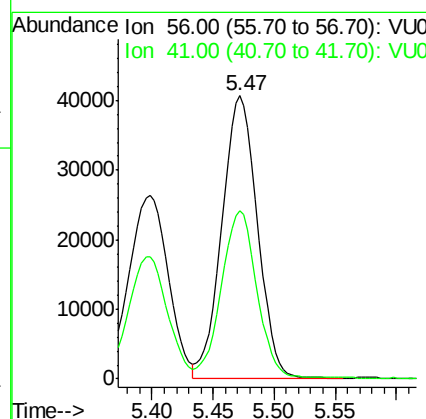
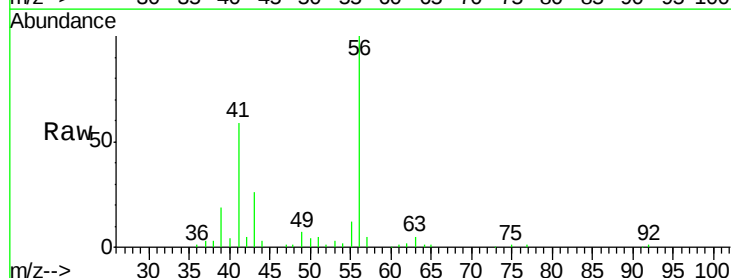
Manual Integrations
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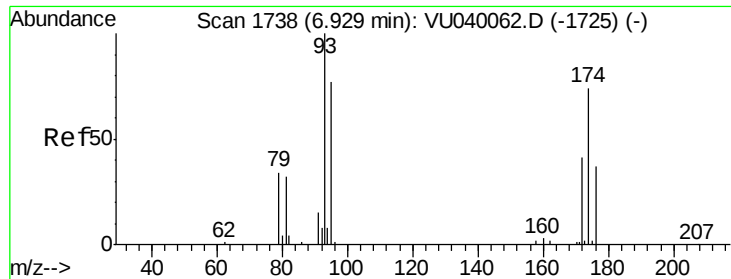
MMDadoda
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#42
1-Chlorobutane
Concen: 3.909 ug/l
RT: 5.47 min Scan# 1285
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
56	100		
41	58.4	29.2	87.6





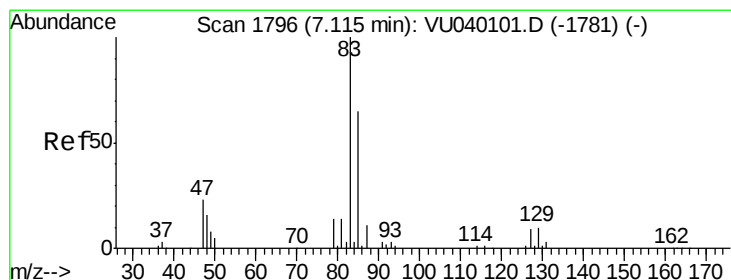
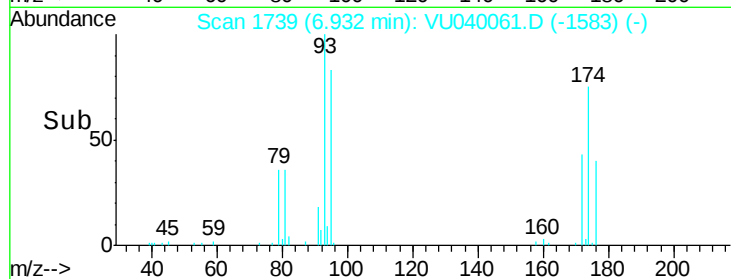
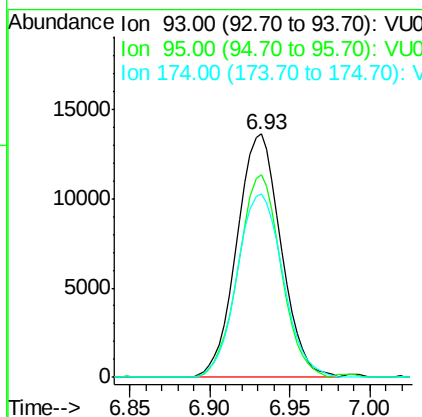
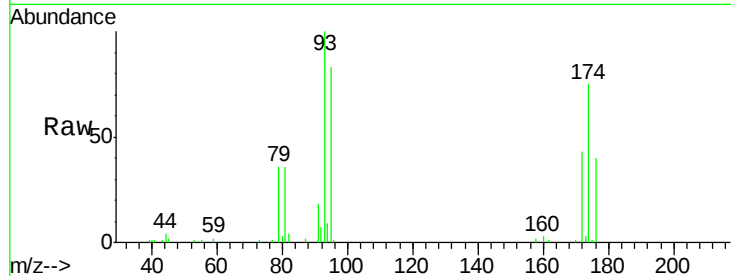
#43
Dibromomethane
Concen: 4.962 ug/l
RT: 6.93 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
93	100		
95	80.6	63.3	94.9
174	78.5	63.5	95.3

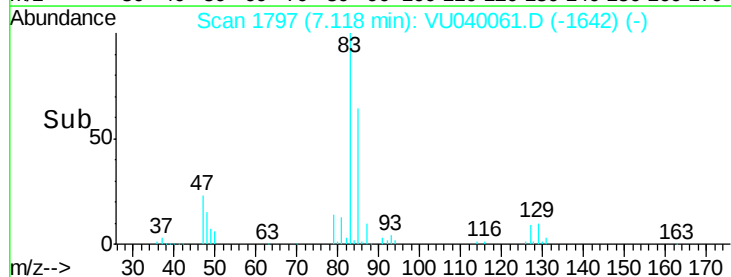
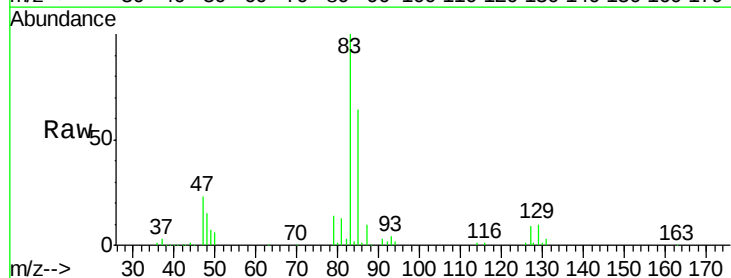
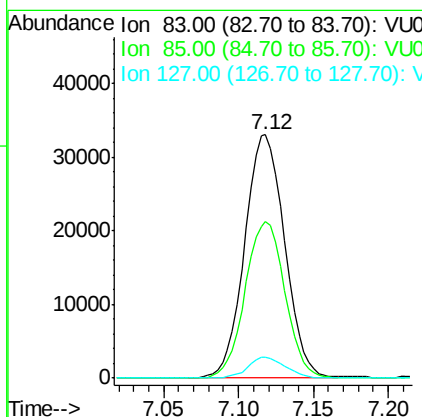
Manual Integrations
APPROVED

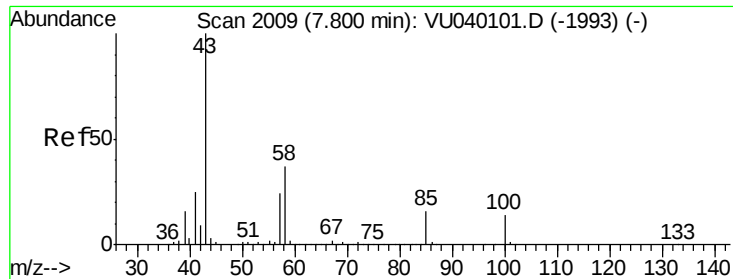
MMDadoda
9/17/2020 4:47:12 PM



#44
Bromodichloromethane
Concen: 5.220 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.1	78.1
127	8.5	6.6	9.8





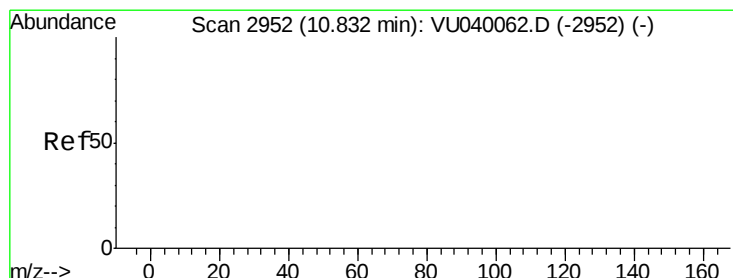
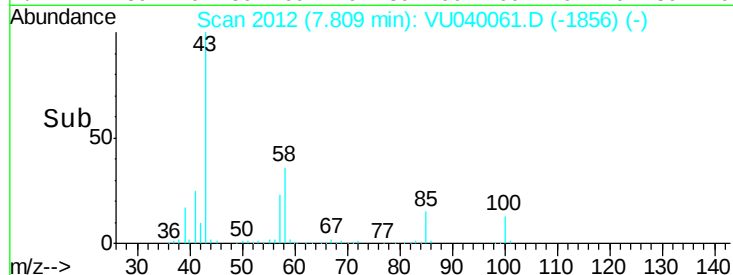
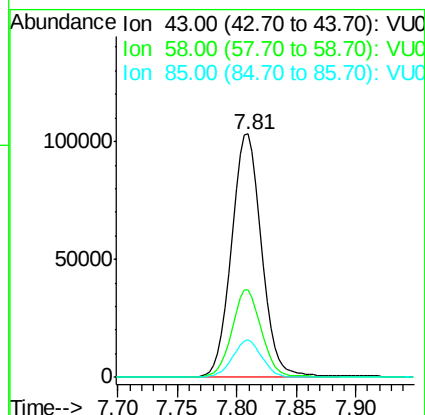
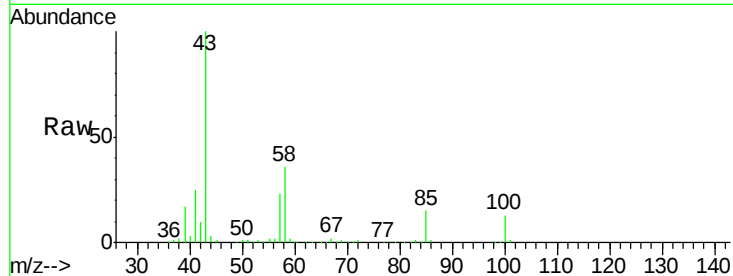
#45
4-Methyl-2-Pentanone
Concen: 23.645 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.5	18.1	54.3
85	15.0	12.3	18.5

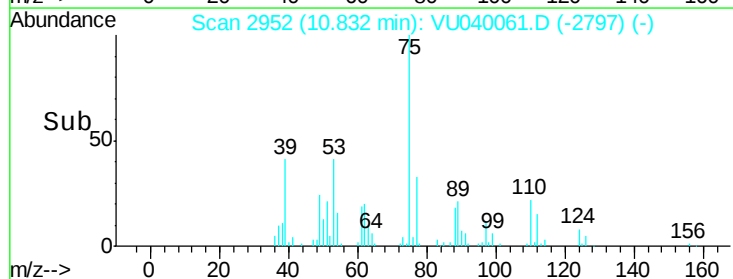
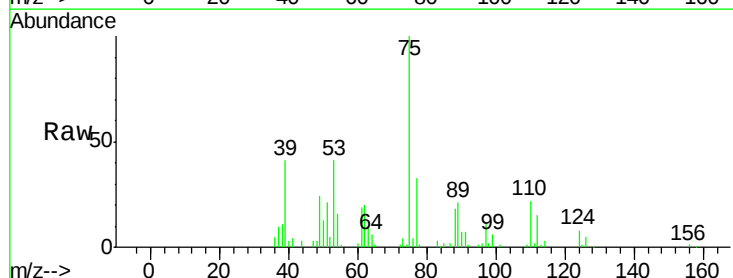
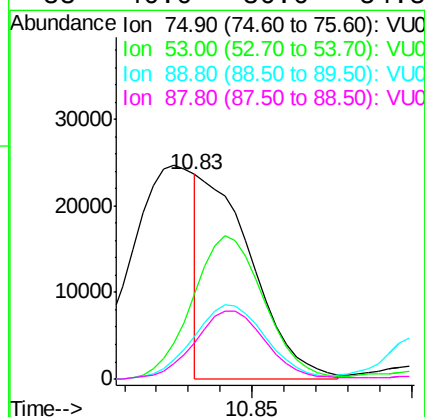
Manual Integrations
APPROVED

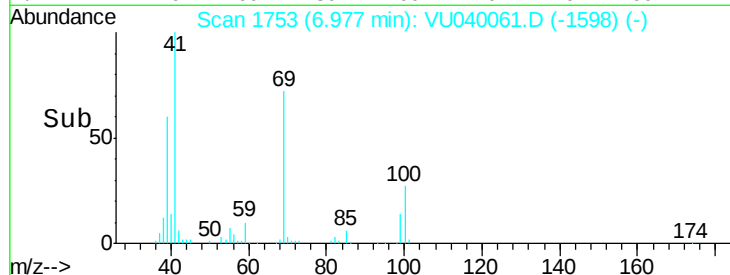
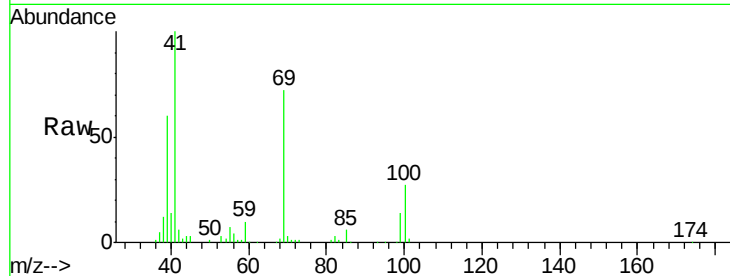
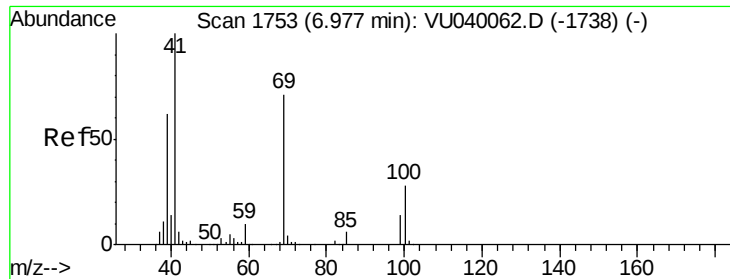
MMDadoda
9/17/2020 4:47:12 PM



#46
t-1,4-Dichloro-2-butene
Concen: 11.015 ug/l m
RT: 10.83 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

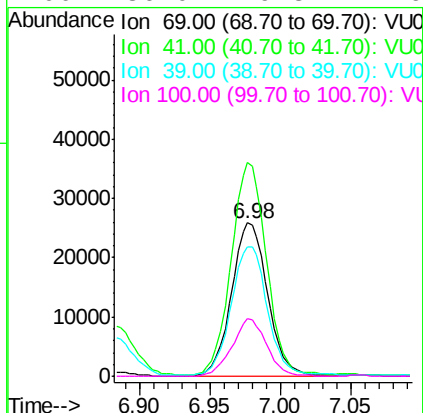
Tgt Ion	Ratio	Lower	Upper
75	100		
53	96.5	75.0	112.6
89	51.0	41.6	62.4
88	46.0	36.6	54.8





#47
Methyl methacrylate
Concen: 9.763 ug/l
RT: 6.98 min Scan# 1753
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

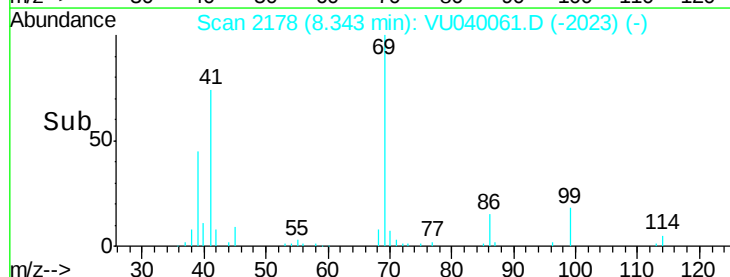
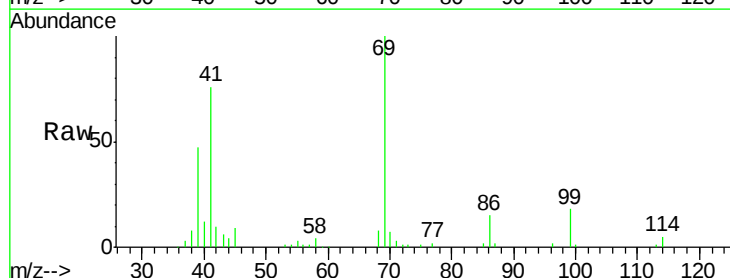
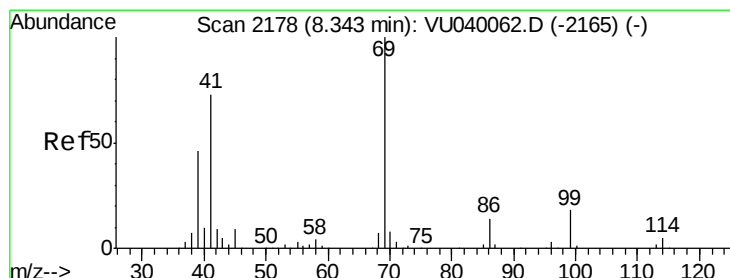
Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100		46324		
41	134.3	0.0	273.0		
39	83.5	67.8	101.6		
100	36.0	29.8	44.6		



Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

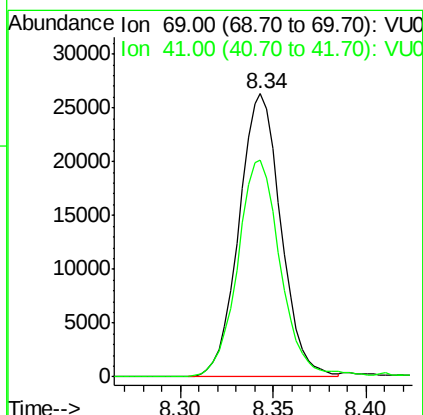
Manual Integrations
APPROVED

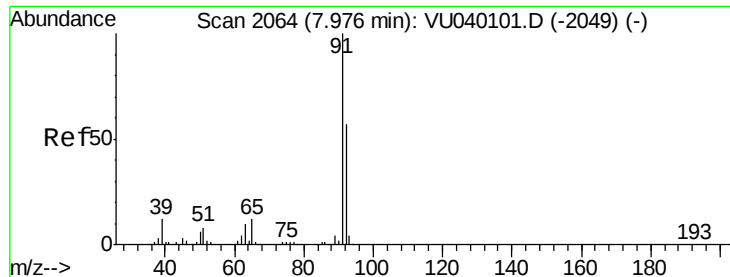
MMDadoda
9/17/2020 4:47:12 PM



#48
Ethyl methacrylate
Concen: 4.730 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		41299		
41	78.3	37.8	113.3		





#49

Toluene

Concen: 4.747 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 92 Resp: 96491

Ion Ratio Lower Upper

92 100

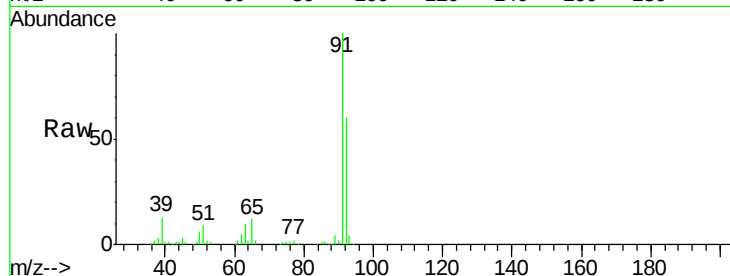
91 166.7 138.6 207.8

Manual Integrations

APPROVED

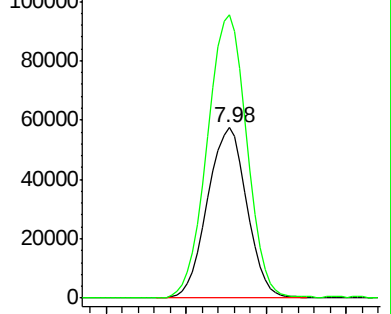
MMDadoda

9/17/2020 4:47:12 PM

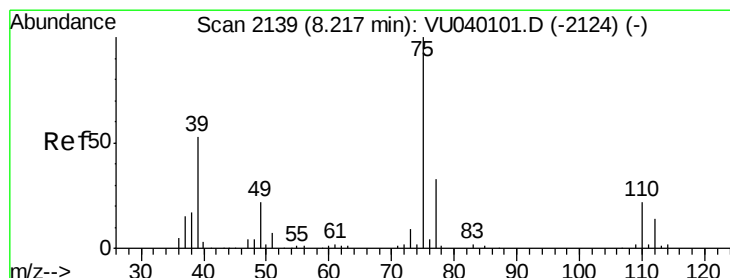
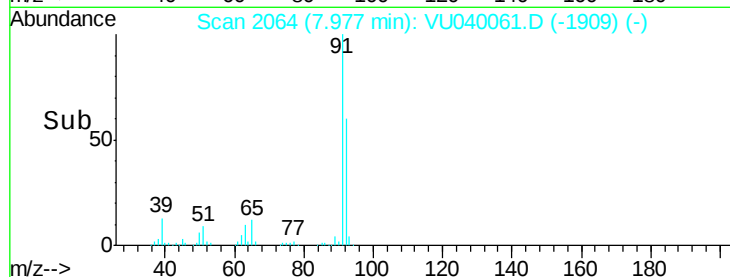


Abundance Ion 92.00 (91.70 to 92.70): VU040061.D (-1909) (-)

Ion 91.00 (90.70 to 91.70): VU040061.D (-1909) (-)



Time-->



#50

t-1,3-Dichloropropene

Concen: 5.339 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU040061.D

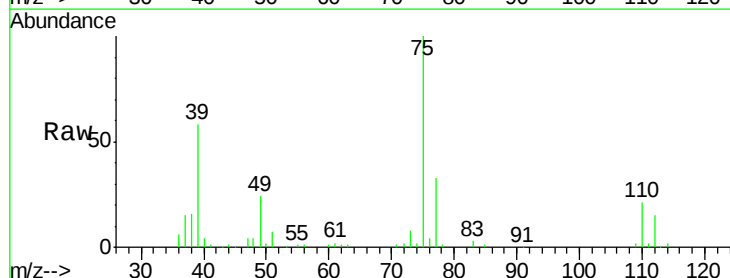
Acq: 09 Sep 2020 12:00

Tgt Ion: 75 Resp: 56814

Ion Ratio Lower Upper

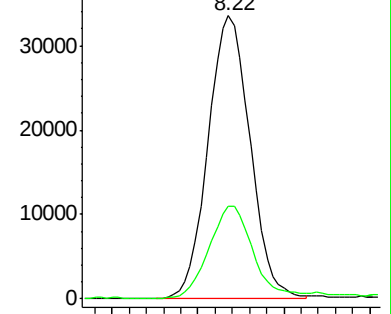
75 100

77 32.8 24.4 36.6

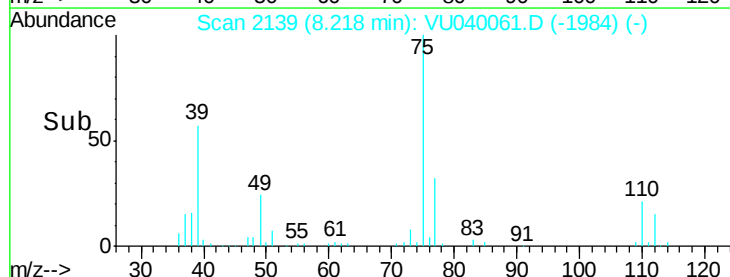


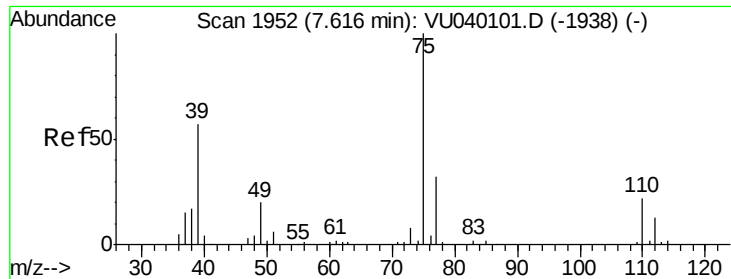
Abundance Ion 75.00 (74.70 to 75.70): VU040061.D (-1984) (-)

Ion 77.00 (76.70 to 77.70): VU040061.D (-1984) (-)



Time-->





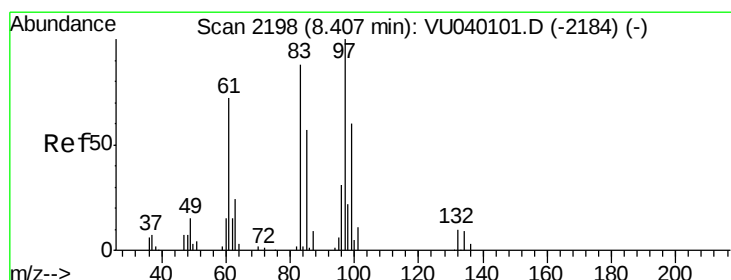
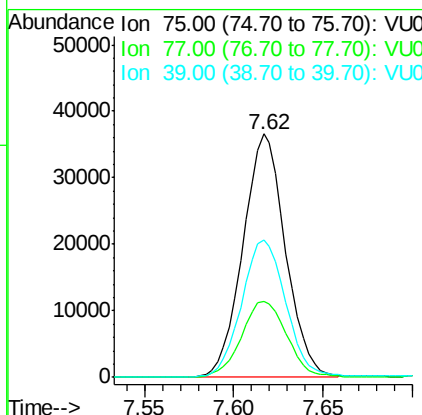
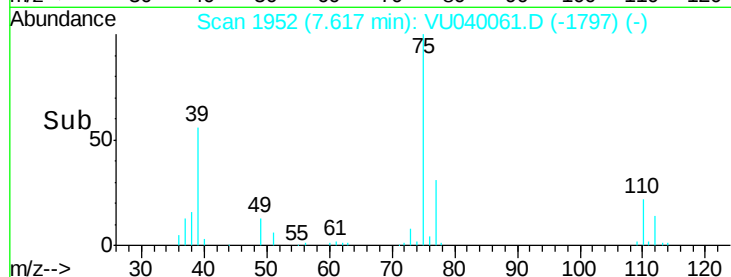
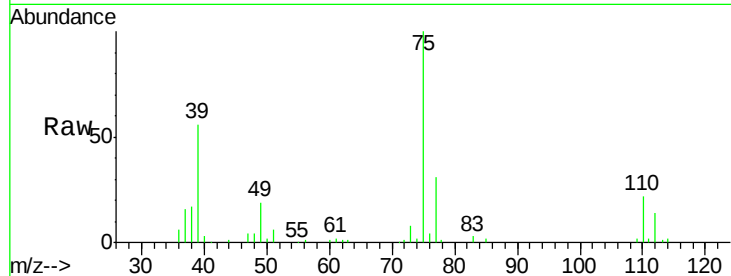
#51
 cis-1,3-Dichloropropene
 Concen: 4.875 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.6	37.0
39	56.3	46.2	69.4

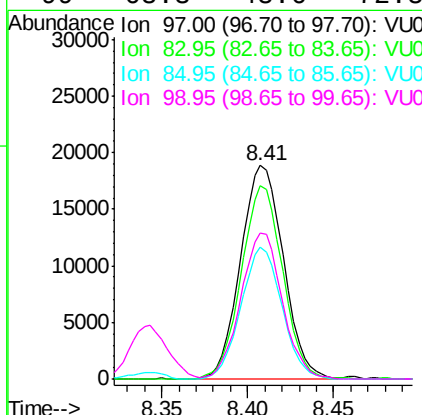
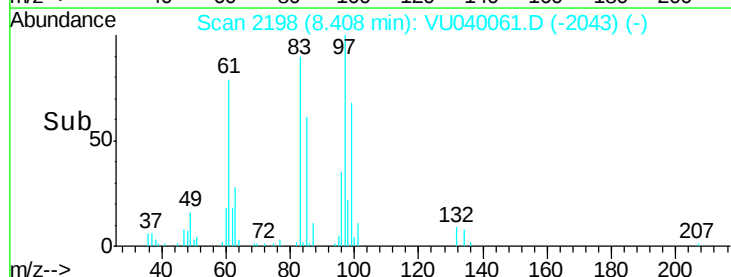
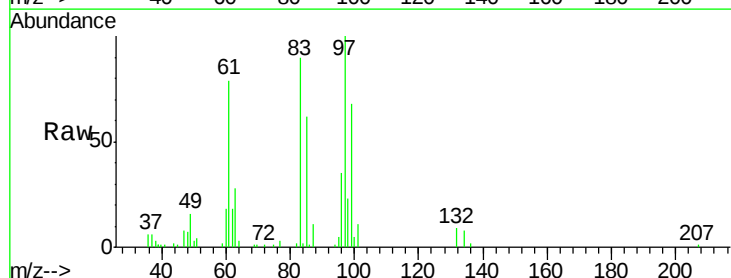
Manual Integrations
 APPROVED

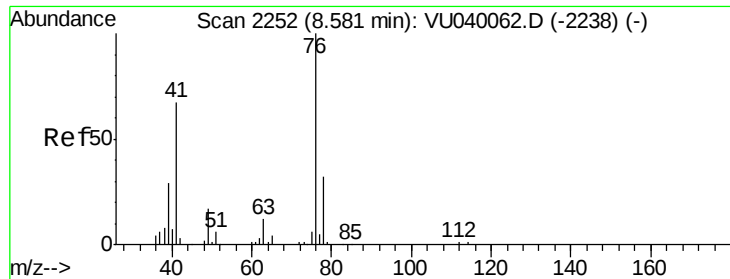
MMDadoda
 9/17/2020 4:47:12 PM



#52
 1,1,2-Trichloroethane
 Concen: 4.883 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.4	68.7	103.1
85	61.6	46.7	70.1
99	68.3	48.6	72.8





#53

1,3-Dichloropropane

Concen: 4.616 ug/l

RT: 8.58 min Scan# 2252

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 58800

Ion Ratio Lower Upper

76 100

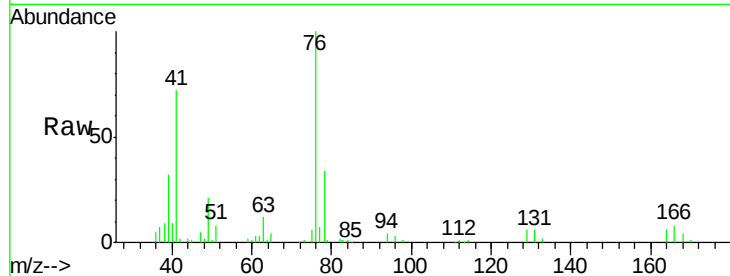
78 33.6 26.2 39.2

Manual Integrations

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MMDadoda

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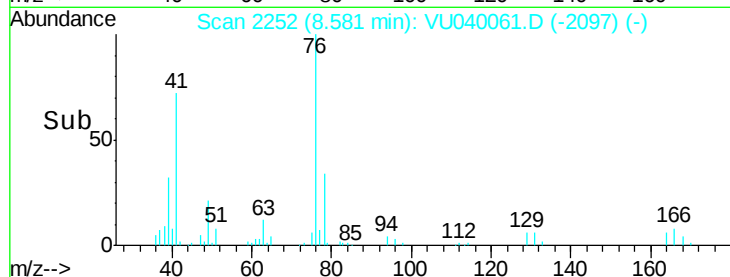


Abundance Ion 76.00 (75.70 to 76.70): VU040061.D (-2097) (-)

Ion 78.00 (77.70 to 78.70): VU040061.D (-2097) (-)

8.58

Time-->

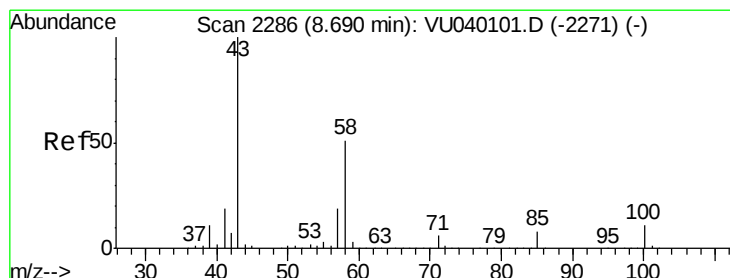


Abundance Ion 76.00 (75.70 to 76.70): VU040061.D (-2097) (-)

Ion 78.00 (77.70 to 78.70): VU040061.D (-2097) (-)

8.58

Time-->



#54

2-Hexanone

Concen: 24.272 ug/l

RT: 8.70 min Scan# 2288

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

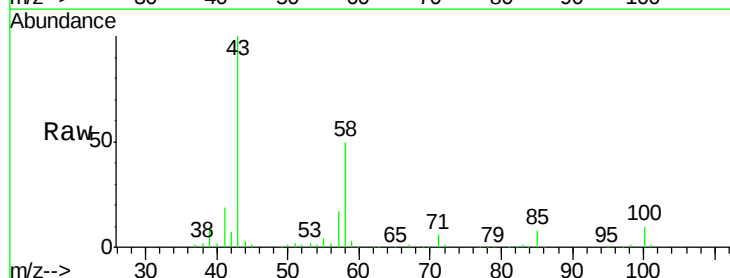
Tgt Ion: 43 Resp: 133729

Ion Ratio Lower Upper

43 100

58 49.7 29.6 69.6

57 17.2 0.0 37.8



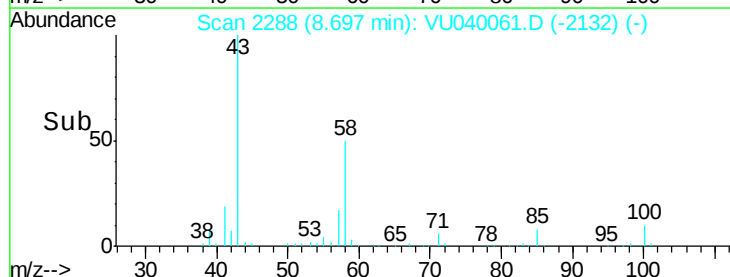
Abundance Ion 43.00 (42.70 to 43.70): VU040061.D (-2132) (-)

Ion 58.00 (57.70 to 58.70): VU040061.D (-2132) (-)

Ion 57.00 (56.70 to 57.70): VU040061.D (-2132) (-)

8.70

Time-->



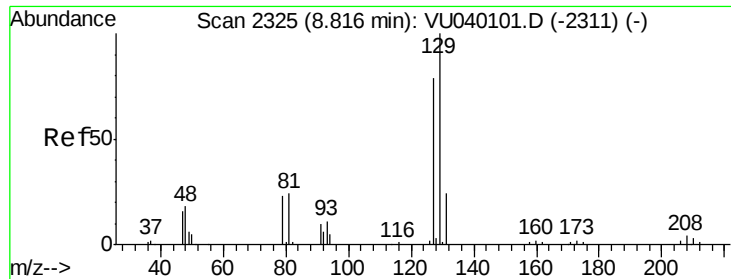
Abundance Ion 43.00 (42.70 to 43.70): VU040061.D (-2132) (-)

Ion 58.00 (57.70 to 58.70): VU040061.D (-2132) (-)

Ion 57.00 (56.70 to 57.70): VU040061.D (-2132) (-)

8.70

Time-->



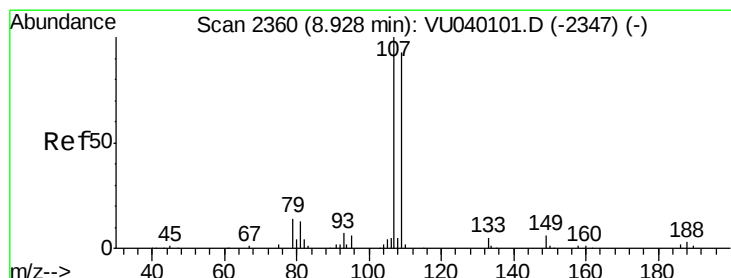
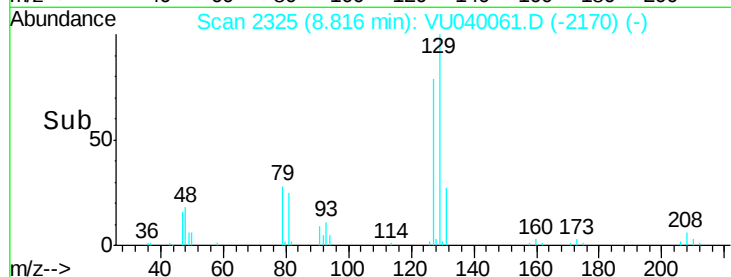
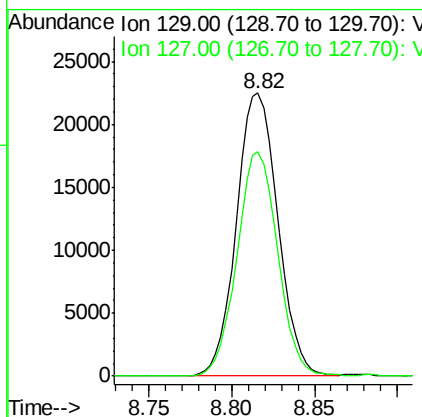
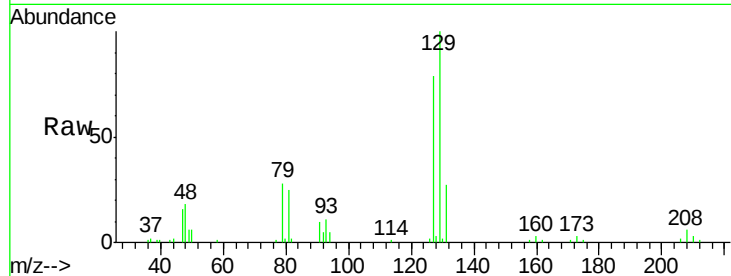
#55
 Dibromochloromethane
 Concen: 5.409 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:129 Resp: 39167
 Ion Ratio Lower Upper
 129 100
 127 77.7 62.7 94.1

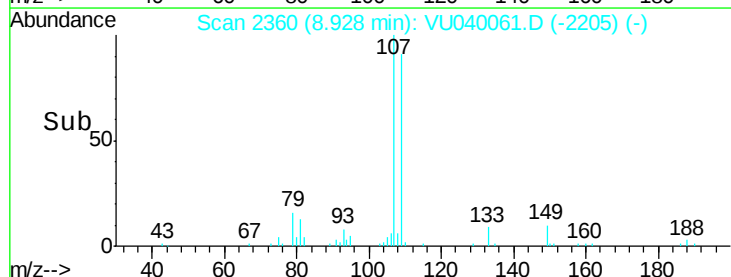
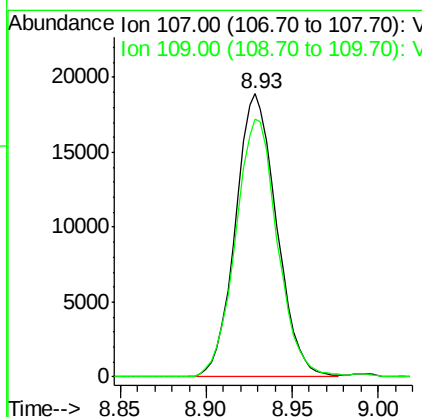
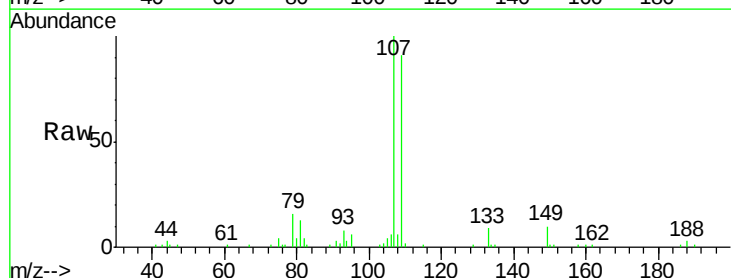
Manual Integrations
 APPROVED

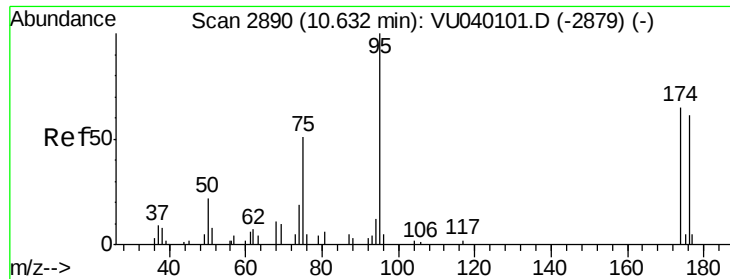
MMDadoda
 9/17/2020 4:47:12 PM



#56
 1,2-Dibromoethane
 Concen: 4.927 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion:107 Resp: 31463
 Ion Ratio Lower Upper
 107 100
 109 92.7 0.0 191.0





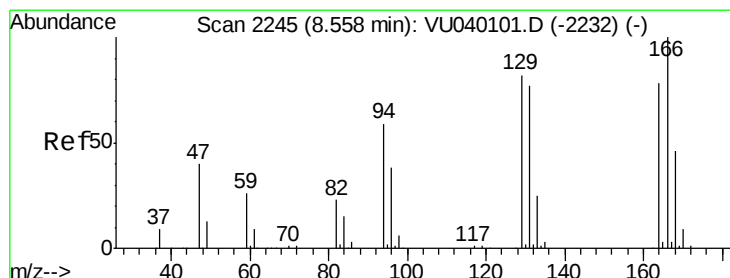
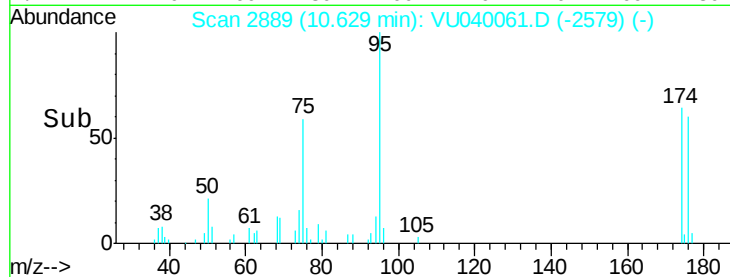
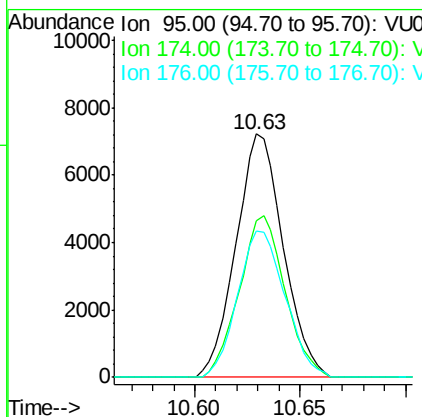
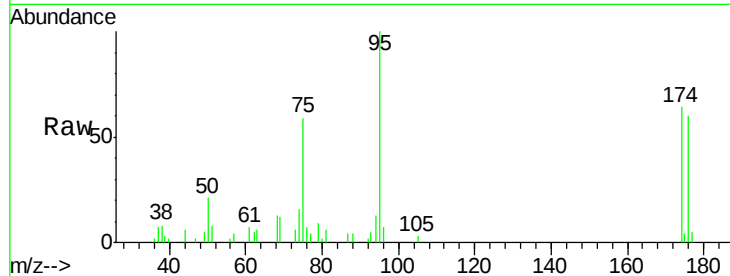
#57
4-Bromofluorobenzene
Concen: 1.019 ug/l
RT: 10.63 min Scan# 2889
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.3	49.4	74.0
176	60.4	50.1	75.1

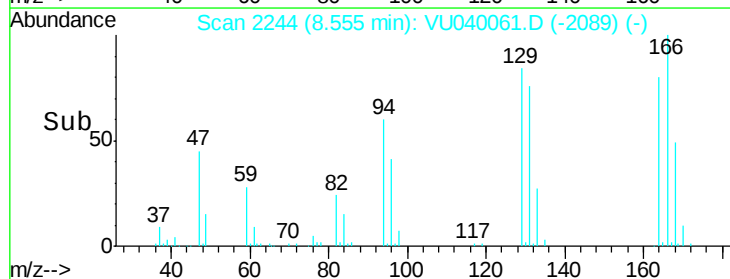
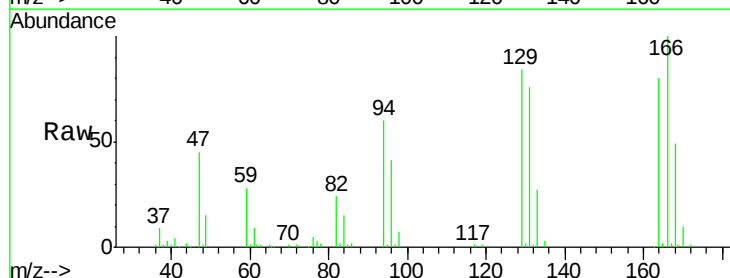
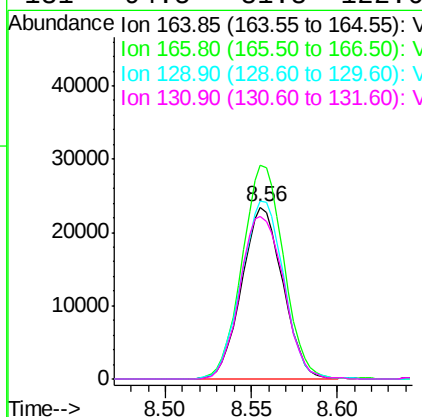
Manual Integrations
APPROVED

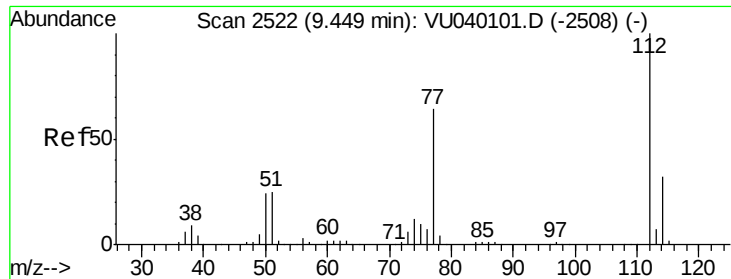
MMDadoda
9/17/2020 4:47:12 PM



#58
Tetrachloroethene
Concen: 5.469 ug/l
RT: 8.56 min Scan# 2244
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	101.3	151.9
129	103.9	84.8	127.2
131	94.5	81.8	122.6





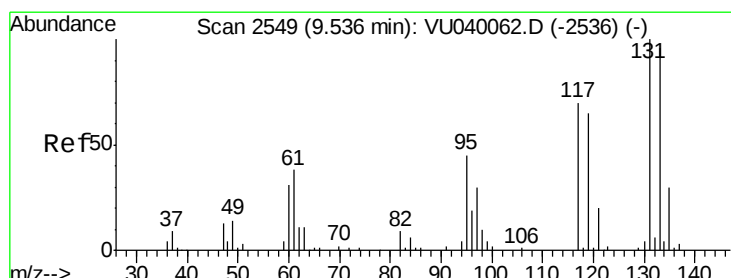
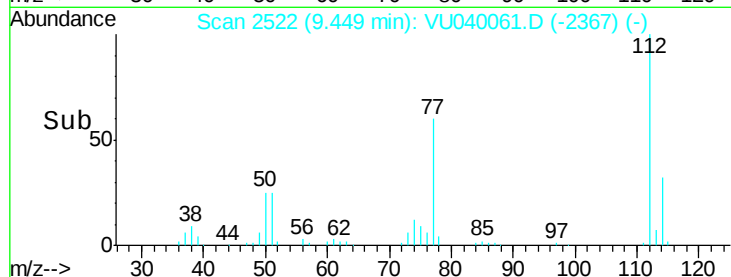
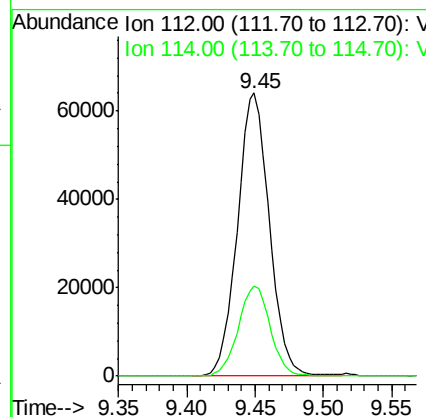
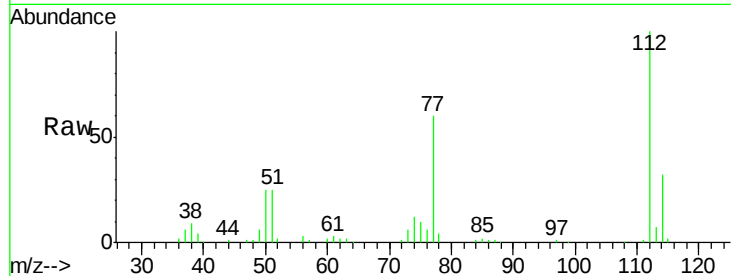
#59
Chlorobenzene
Concen: 4.900 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	24.8	37.2

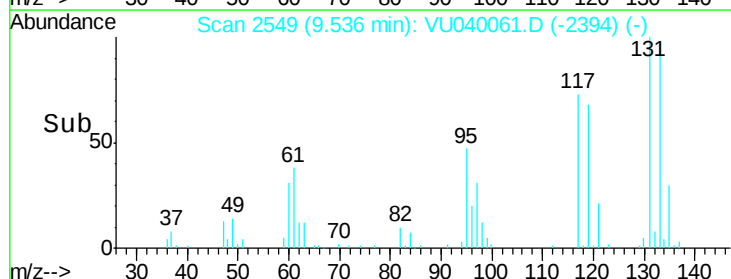
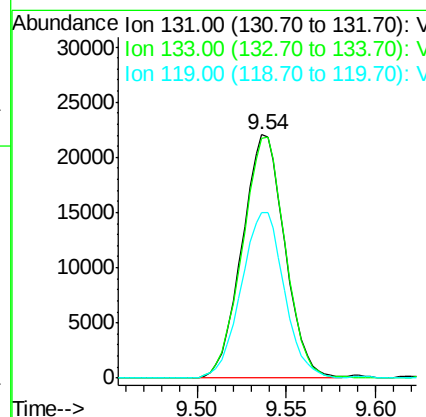
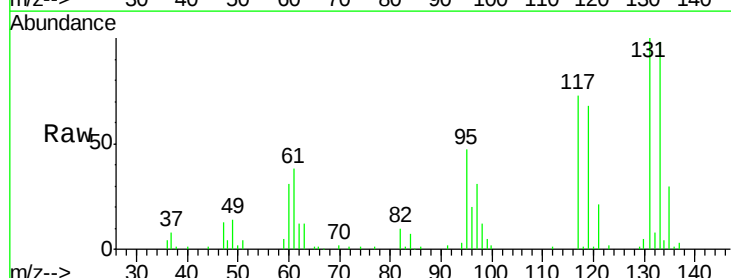
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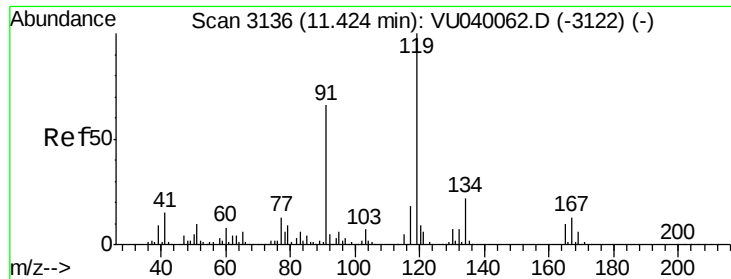
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 5.085 ug/l
RT: 9.54 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.8	75.4	113.2
119	68.4	51.5	77.3





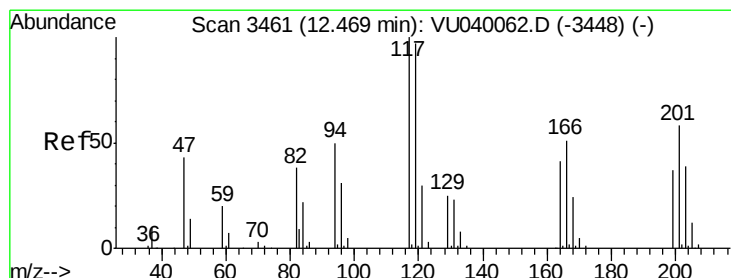
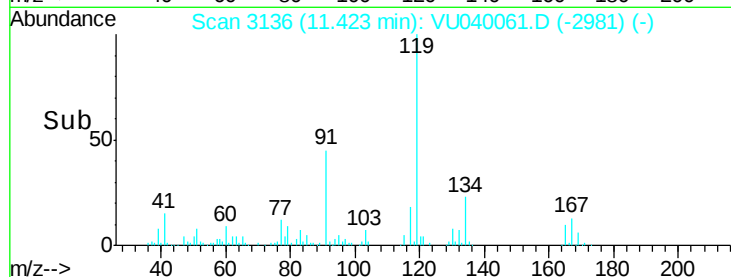
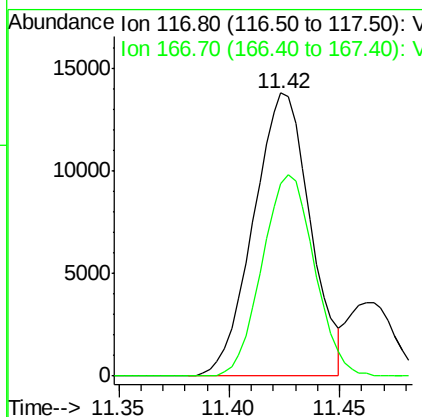
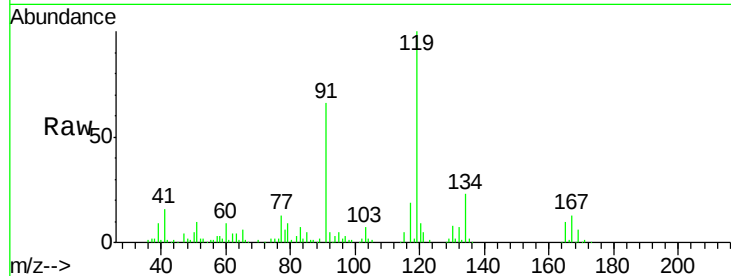
#61
 Pentachloroethane
 Concen: 4.041 ug/l
 RT: 11.42 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion:117 Resp: 24586
 Ion Ratio Lower Upper
 117 100
 167 65.5 54.5 81.7

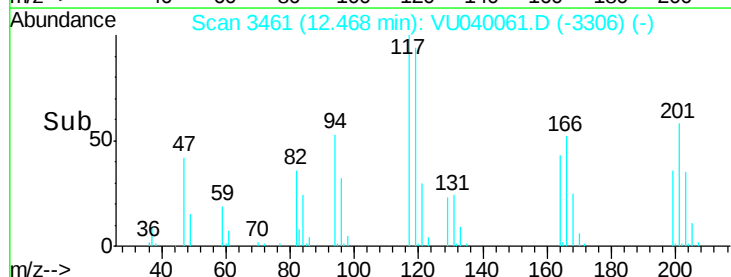
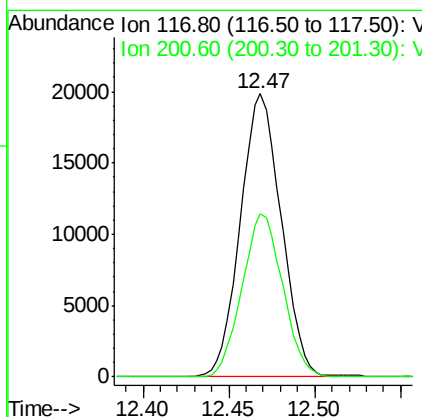
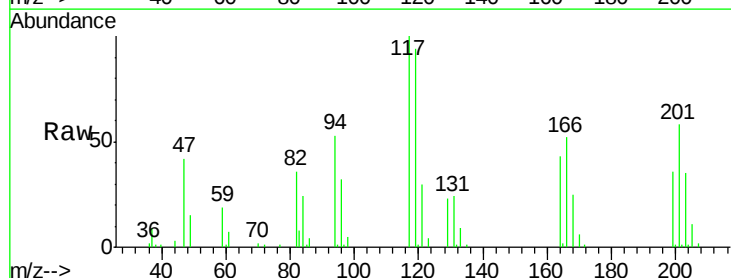
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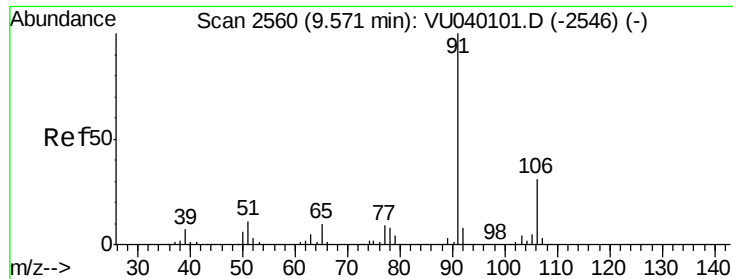
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#62
 Hexachloroethane
 Concen: 5.568 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion:117 Resp: 32661
 Ion Ratio Lower Upper
 117 100
 201 57.3 47.0 70.4





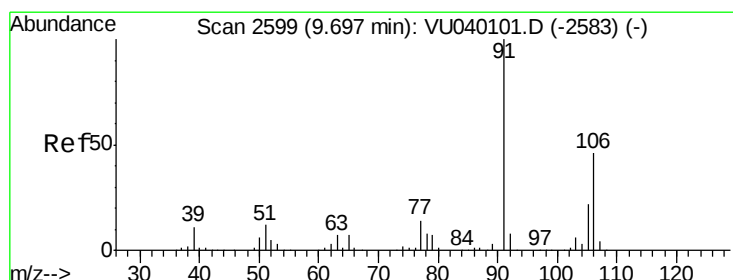
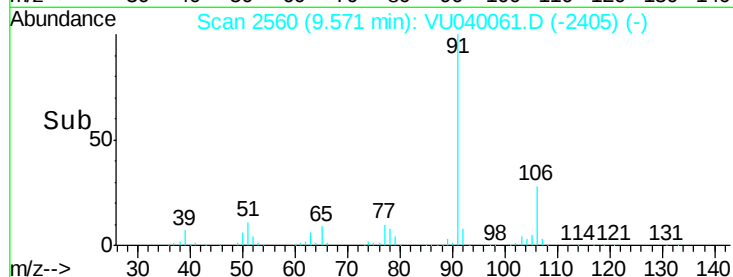
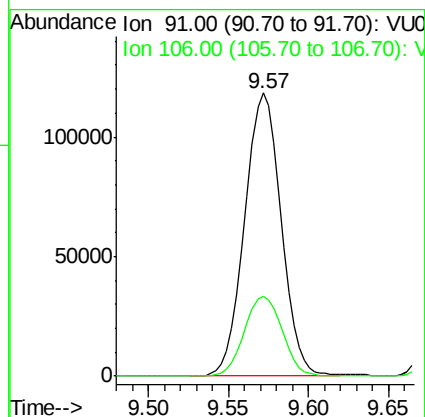
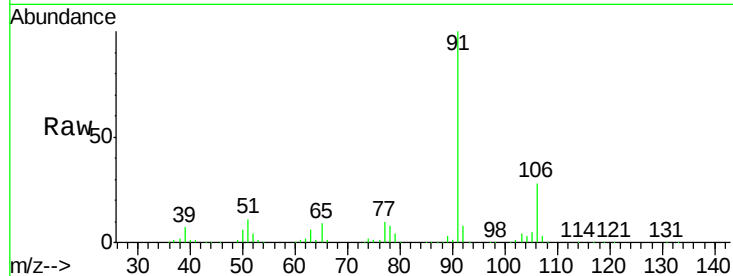
#63
Ethyl Benzene
Concen: 4.874 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 184272
Ion Ratio Lower Upper
91 100
106 28.3 23.8 35.8

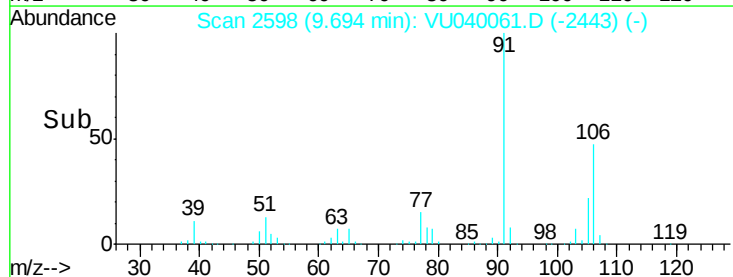
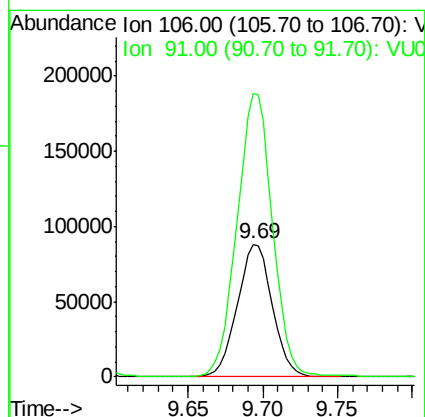
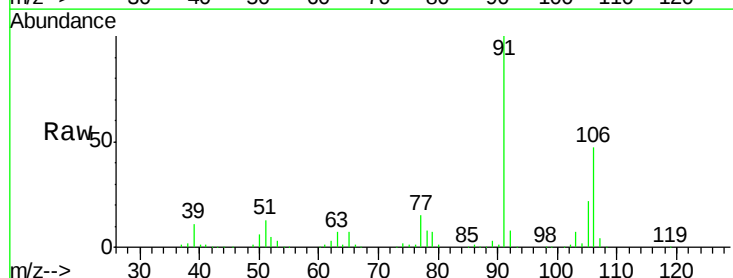
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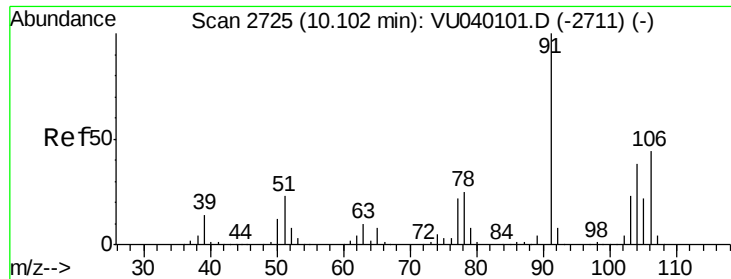
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#64
m/p-Xylenes
Concen: 9.758 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 106 Resp: 143436
Ion Ratio Lower Upper
106 100
91 215.2 171.4 257.2





#65

o-Xylene

Concen: 4.832 ug/l

RT: 10.10 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampled :

VSTDIC005

Tot Ion:106 Resp: 67599

Ion Ratio Lower Upper

106 100

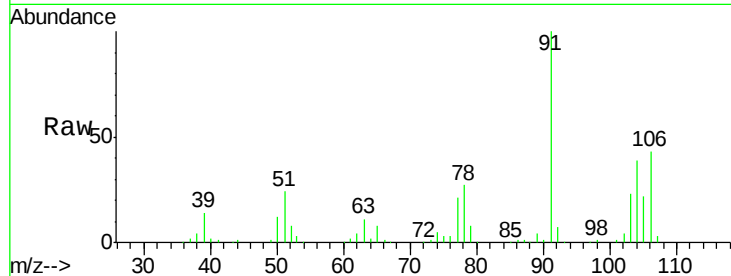
91 229.5 114.2 342.6

Manual Integrations

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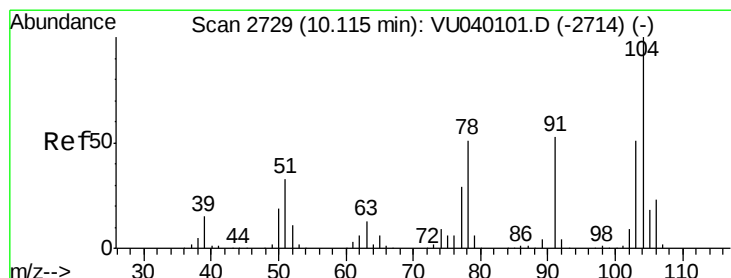
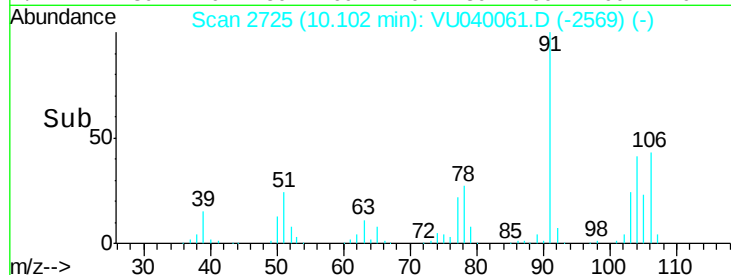
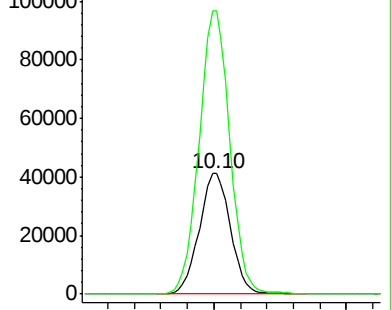
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#66

Styrene

Concen: 4.996 ug/l

RT: 10.11 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

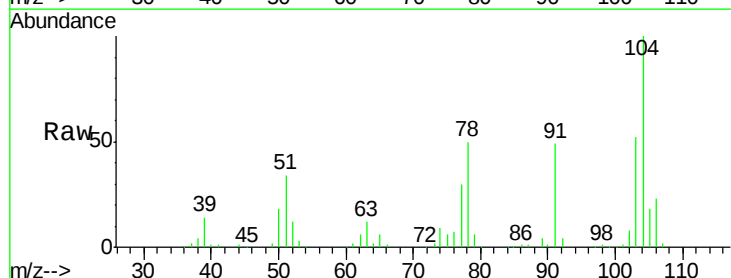
Tgt Ion:104 Resp: 120288

Ion Ratio Lower Upper

104 100

78 56.1 43.9 65.9

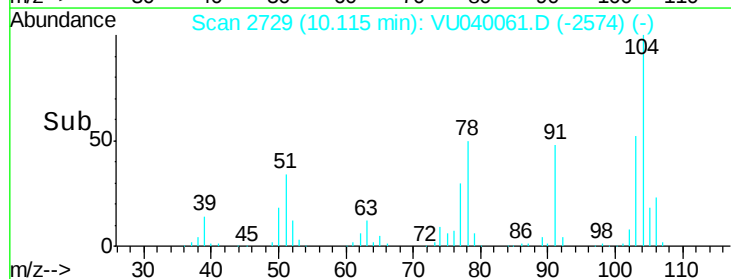
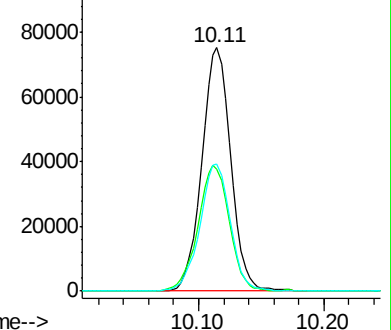
103 55.3 43.7 65.5

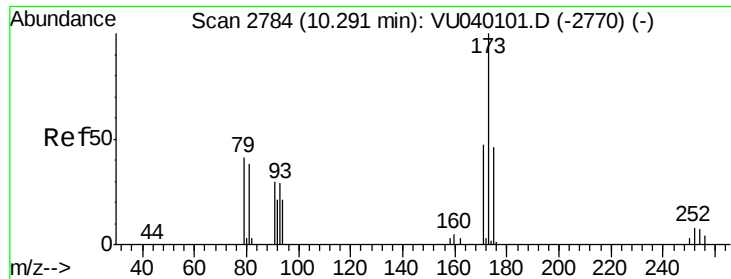


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 5.483 ug/l

RT: 10.29 min Scan# 2784

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

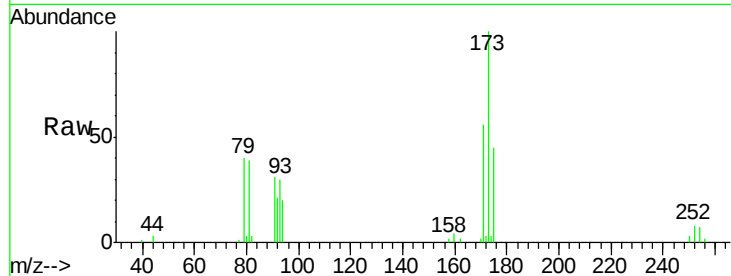
ClientSampleId :

VSTDIC005

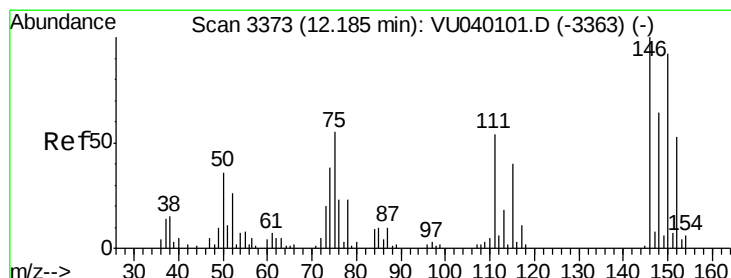
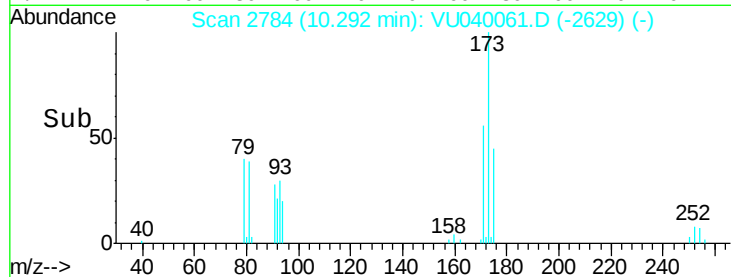
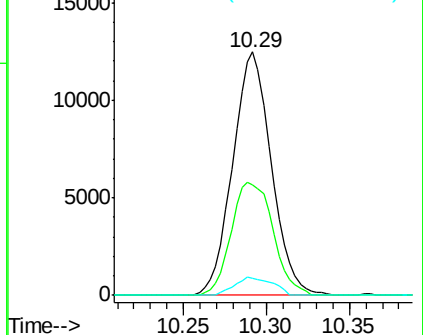
Tot Ion:	173	Resp:	20243
Ion Ratio	Lower	Upper	
173	100		
175	50.0	38.0	57.0
254	7.2	5.8	8.8

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



#68

1,2-Dichlorobenzene-d4

Concen: 0.971 ug/l

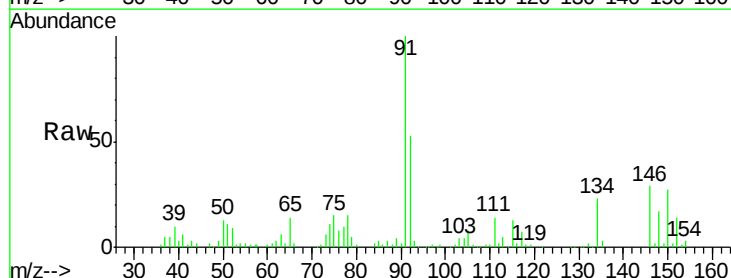
RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

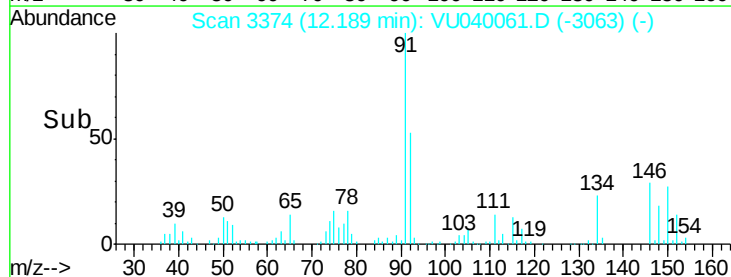
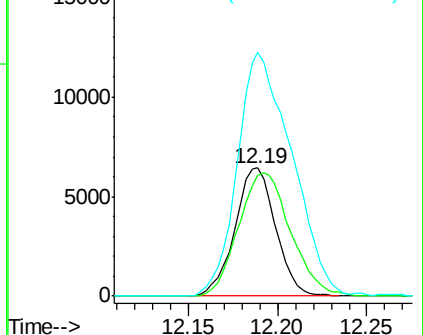
Lab File: VU040061.D

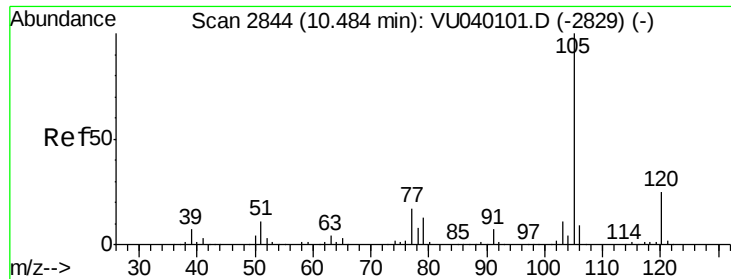
Acq: 09 Sep 2020 12:00

Tgt Ion:	152	Resp:	10288
Ion Ratio	Lower	Upper	
152	100		
115	122.4	0.0	309.0
150	253.1	0.0	658.2



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: 4.870 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampled :

VSTDIC005

Tot Ion: 105 Resp: 182663

Ion Ratio Lower Upper

105 100

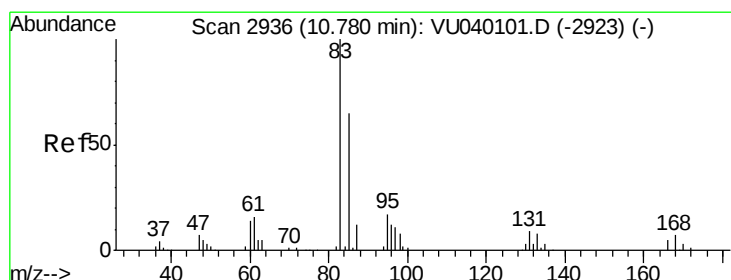
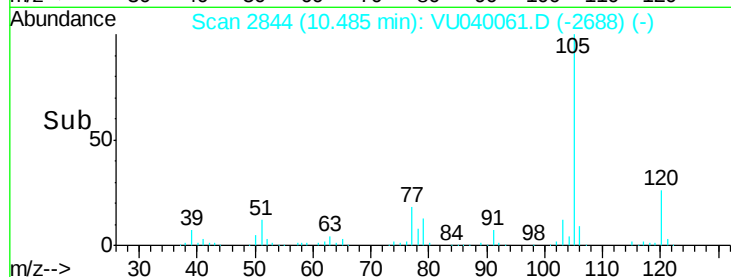
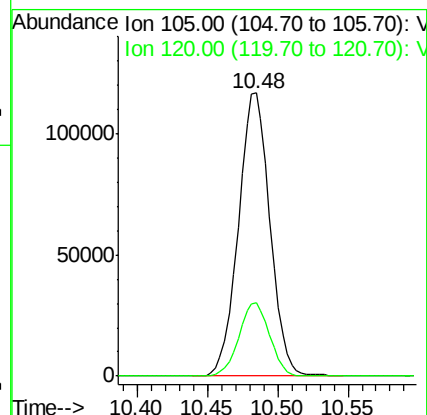
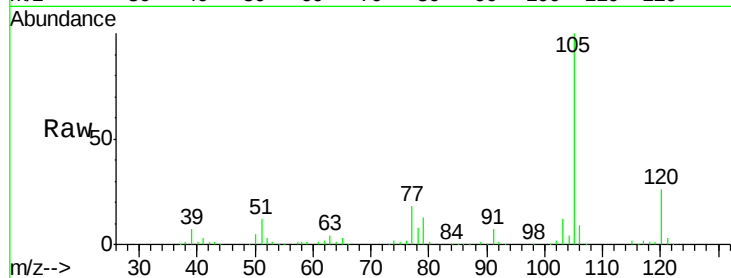
120 25.3 12.4 37.4

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 4.571 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

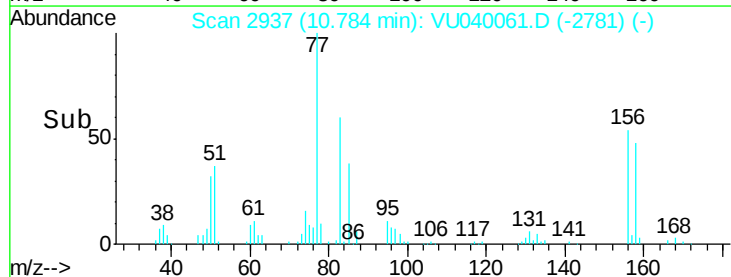
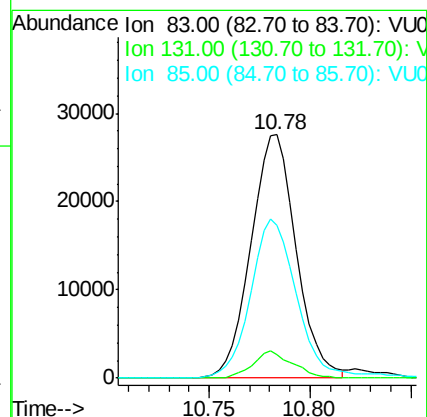
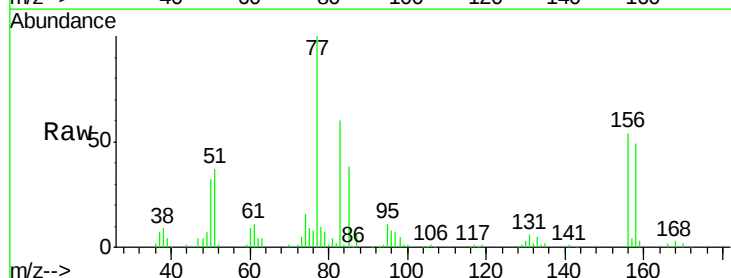
Tgt Ion: 83 Resp: 43367

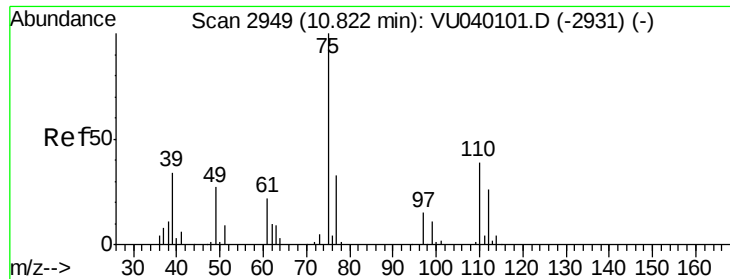
Ion Ratio Lower Upper

83 100

131 9.8 7.5 11.3

85 67.3 49.7 74.5





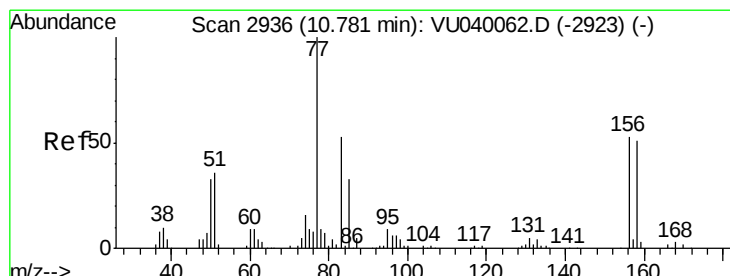
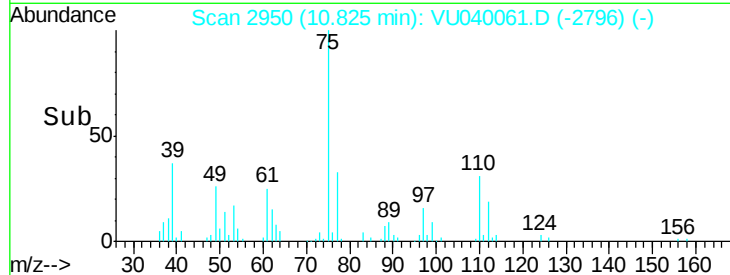
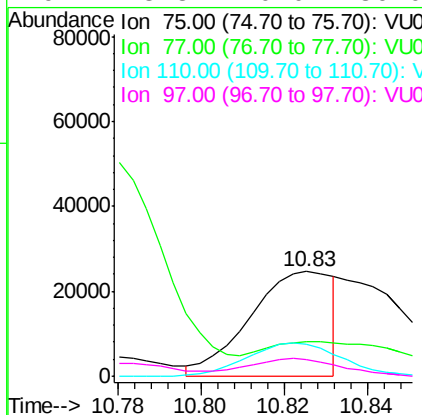
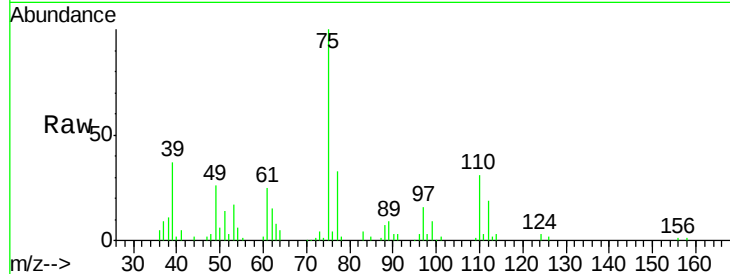
#71
 1,2,3-Trichloropropane
 Concen: 4.911 ug/l
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	55.8	0.0	111.4
110	35.8	0.0	70.8
97	18.8	0.0	36.0

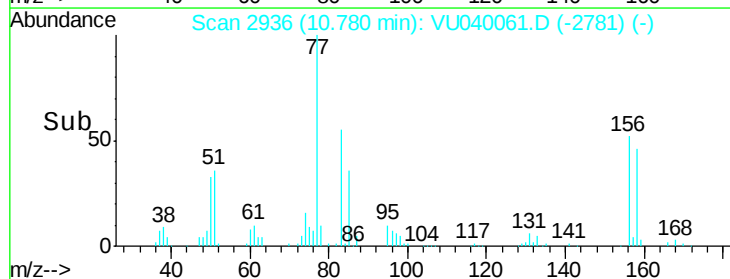
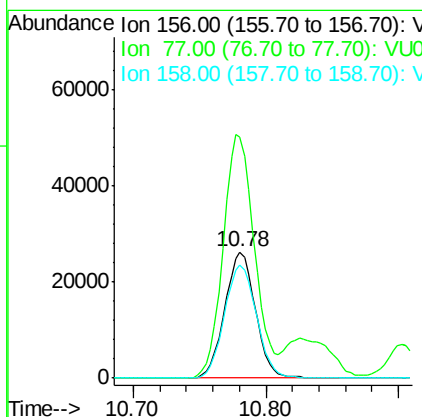
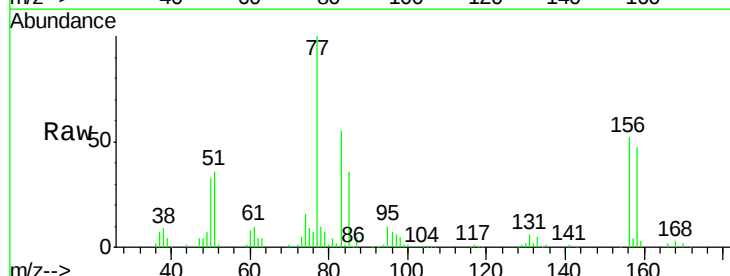
Manual Integrations
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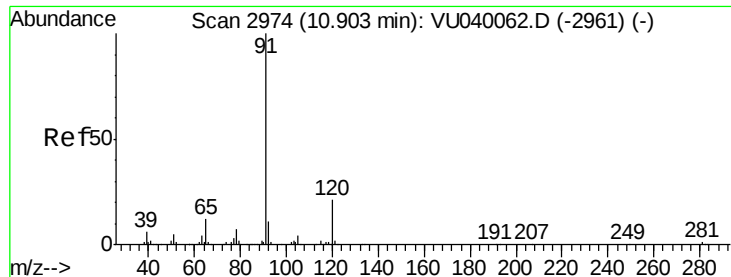
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#72
 Bromobenzene
 Concen: 4.931 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
156	100		
77	197.6	0.0	383.6
158	93.7	0.0	195.0





#73

n-propylbenzene

Concen: 4.821 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion:120 Resp: 50741

Ion Ratio Lower Upper

120 100

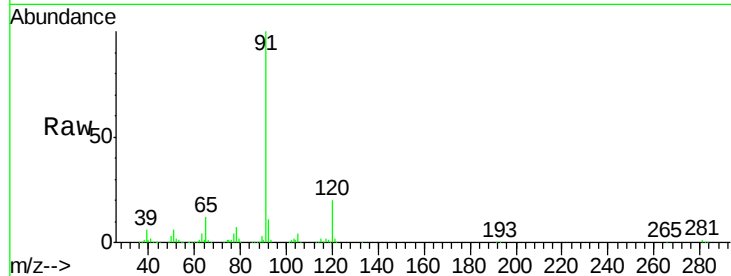
91 481.9 380.4 570.6

Manual Integrations

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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

150000

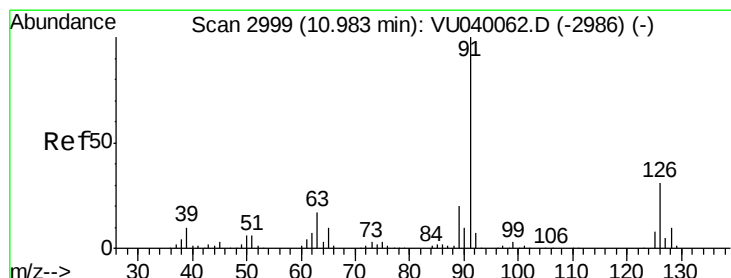
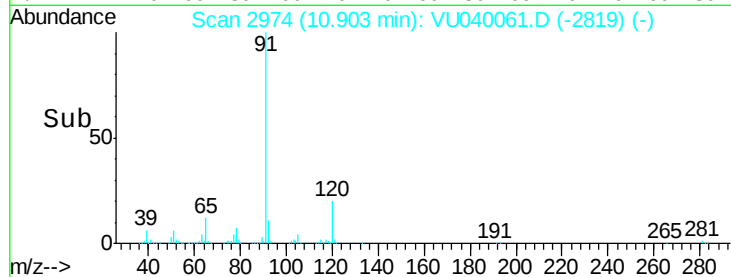
100000

50000

0

10.90

Time-->



#74

2-Chlorotoluene

Concen: 5.084 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU040061.D

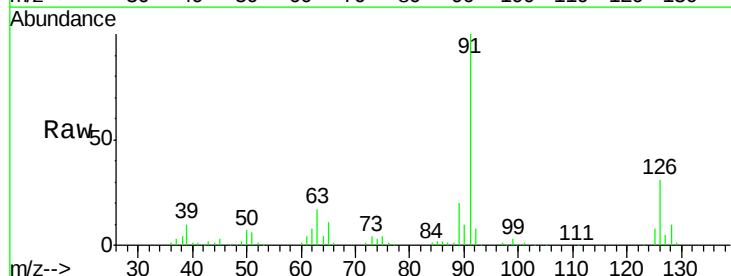
Acq: 09 Sep 2020 12:00

Tgt Ion:126 Resp: 45474

Ion Ratio Lower Upper

126 100

91 316.0 0.0 649.6



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

150000

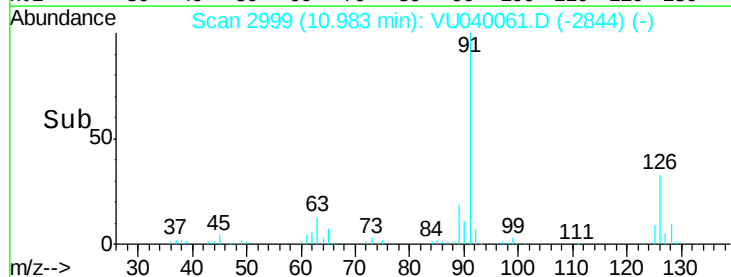
100000

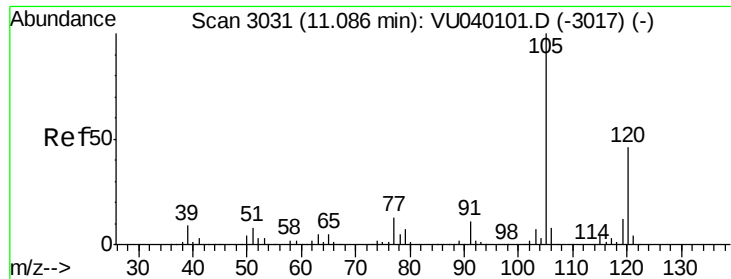
50000

0

10.98

Time-->





#75

1,3,5-Trimethylbenzene

Concen: 5.167 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 167744

Ion Ratio Lower Upper

105 100

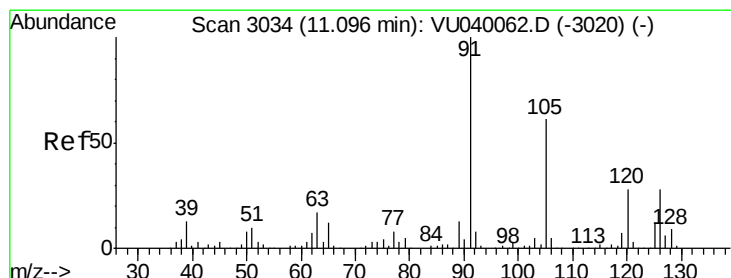
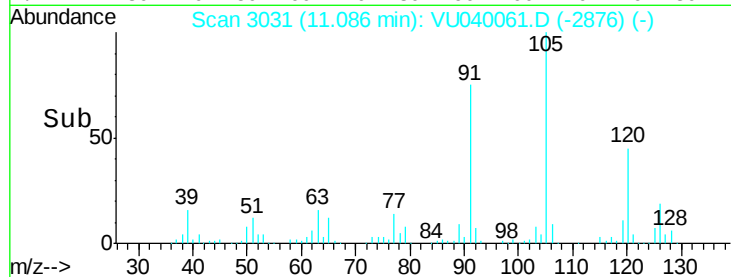
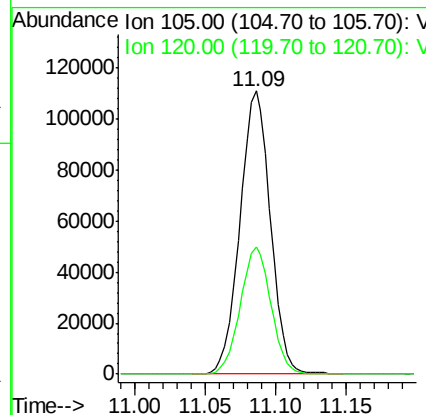
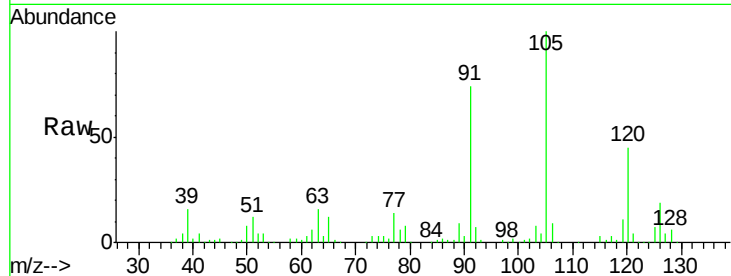
120 45.2 36.6 55.0

Manual Integrations

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#76

4-Chlorotoluene

Concen: 5.207 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU040061.D

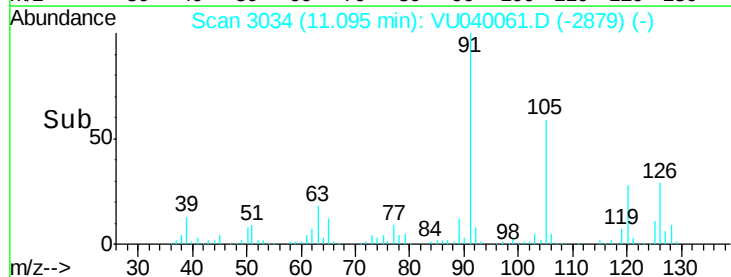
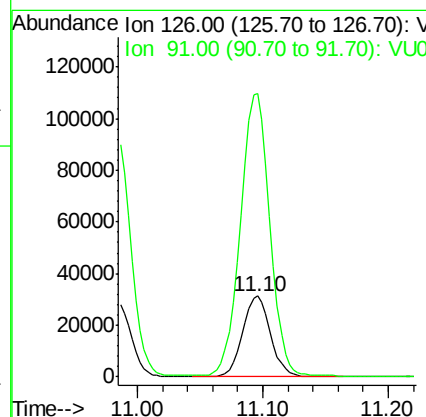
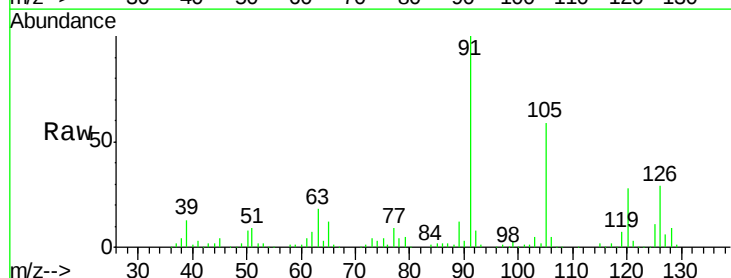
Acq: 09 Sep 2020 12:00

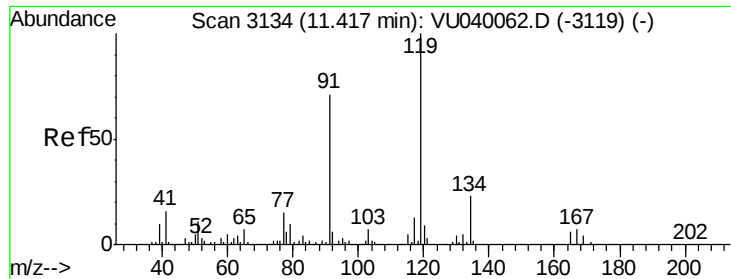
Tgt Ion:126 Resp: 48359

Ion Ratio Lower Upper

126 100

91 366.8 0.0 735.6





#77

tert-Butylbenzene

Concen: 4.767 ug/l

RT: 11.42 min Scan# 3134

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

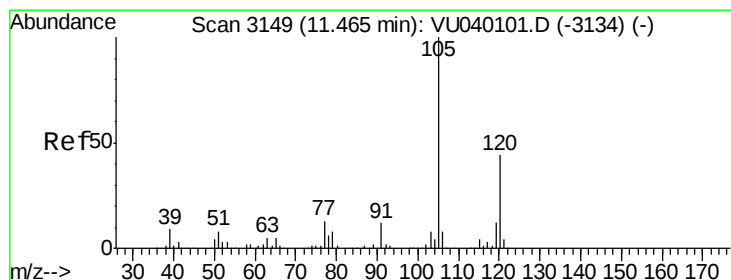
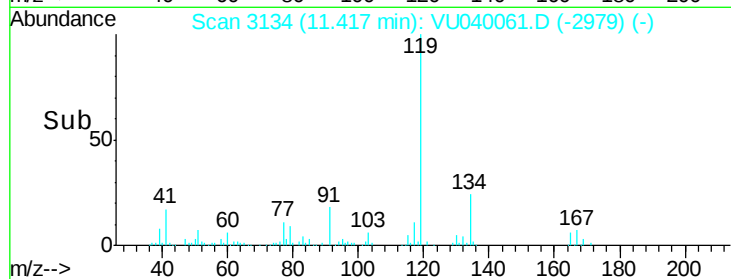
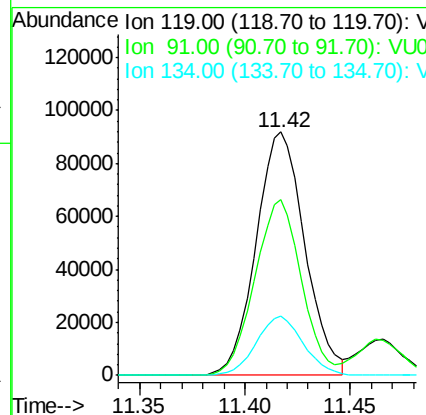
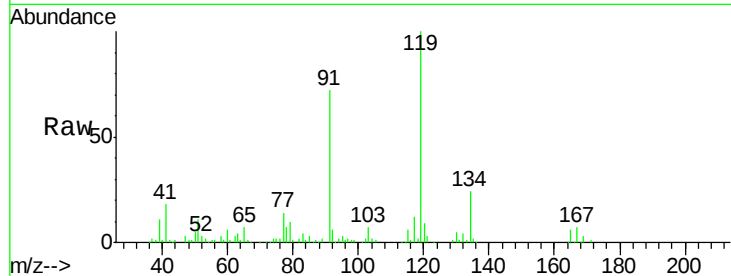
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	147517
Ion Ratio	Lower	Upper	
119	100		
91	69.1	34.2	102.5
134	23.5	18.2	27.4

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#78

1,2,4-Trimethylbenzene

Concen: 5.230 ug/l

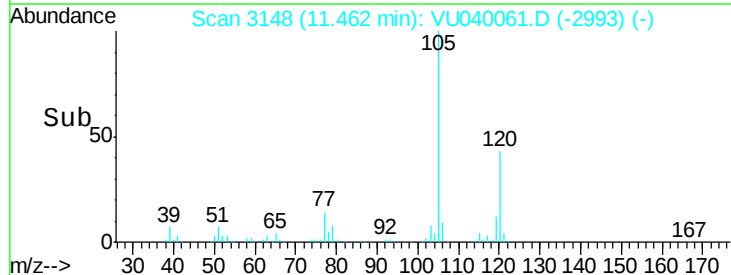
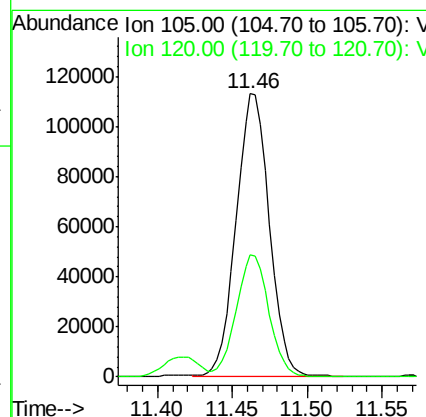
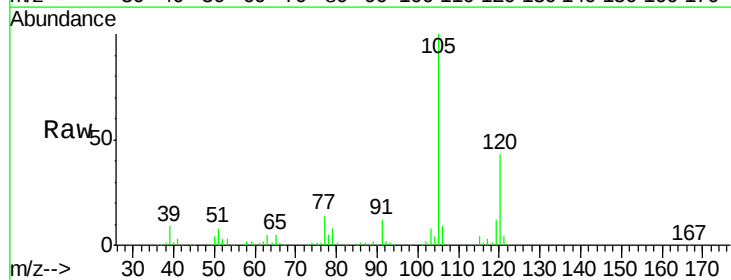
RT: 11.46 min Scan# 3148

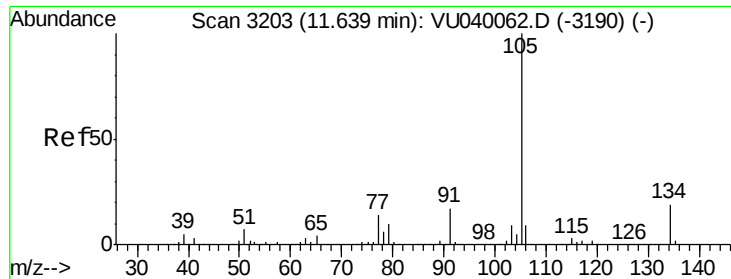
Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Tgt Ion:	105	Resp:	173833
Ion Ratio	Lower	Upper	
105	100		
120	42.4	21.9	65.5





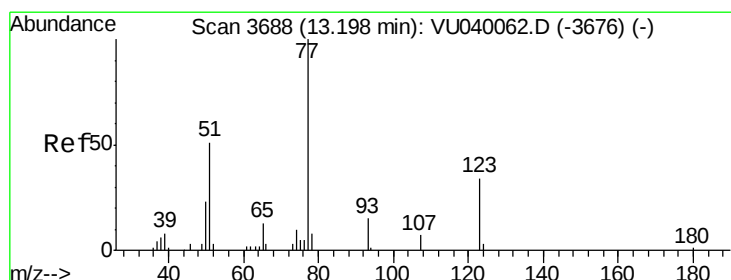
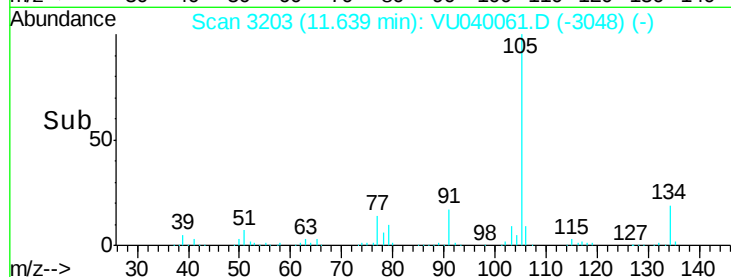
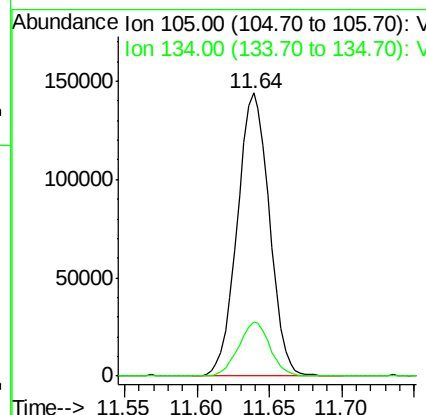
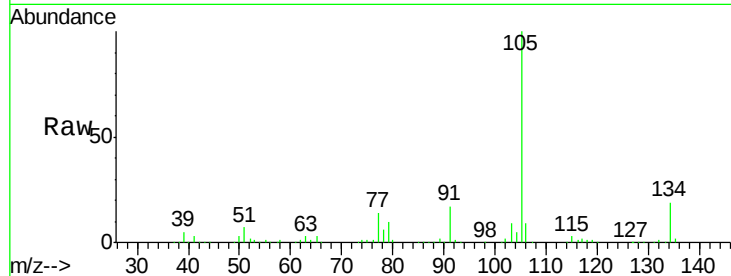
#79
sec-Butylbenzene
Concen: 5.002 ug/l
RT: 11.64 min Scan# 3203
Delta R.T. -0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tot Ion: 105 Resp: 221482
Ion Ratio Lower Upper
105 100
134 18.5 15.0 22.4

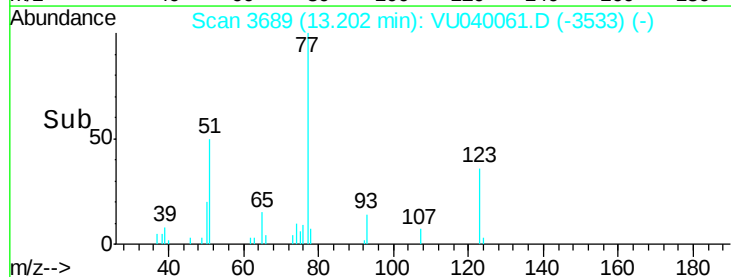
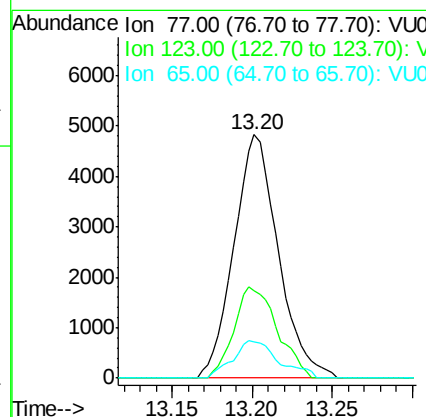
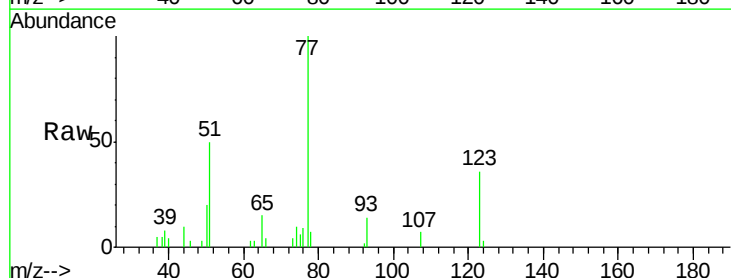
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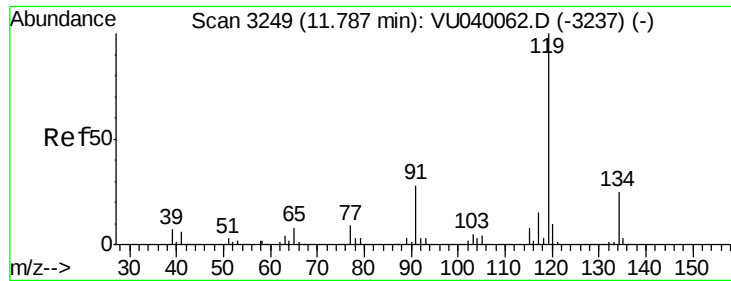
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#80
Nitrobenzene
Concen: 45.685 ug/l
RT: 13.20 min Scan# 3689
Delta R.T. 0.00 min
Lab File: VU040061.D
Acq: 09 Sep 2020 12:00

Tgt Ion: 77 Resp: 9116
Ion Ratio Lower Upper
77 100
123 36.5 16.4 58.0
65 15.9 12.5 15.9





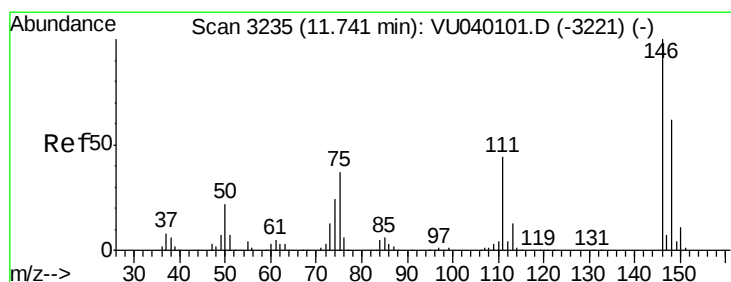
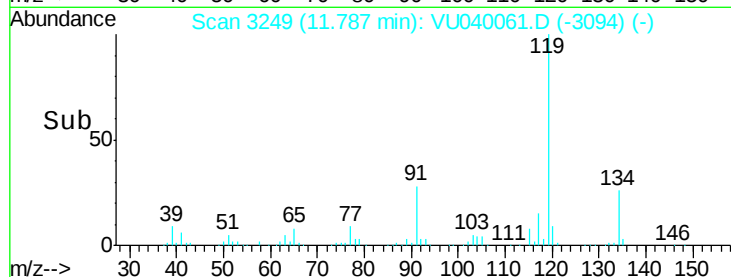
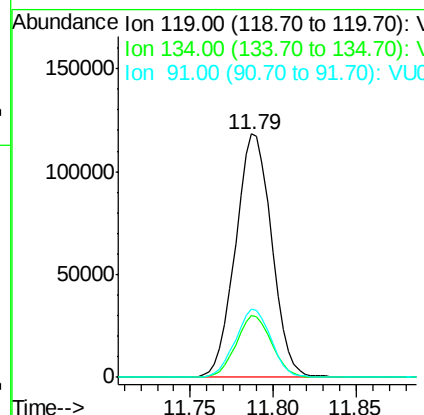
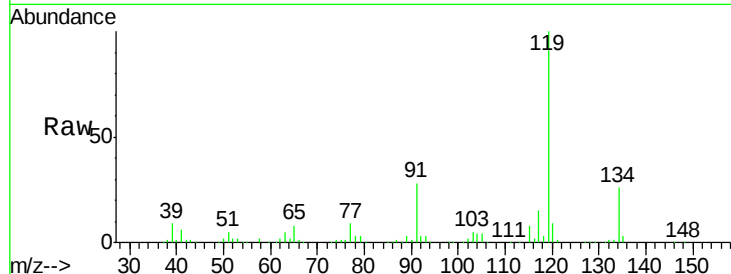
#81
 p-Isopropyltoluene
 Concen: 5.013 ug/l
 RT: 11.79 min Scan# 3249
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.3	30.5
91	27.8	22.2	33.2

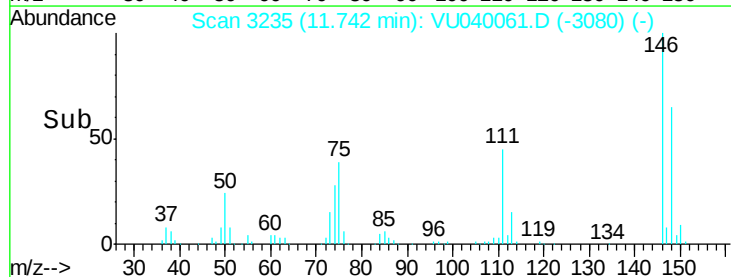
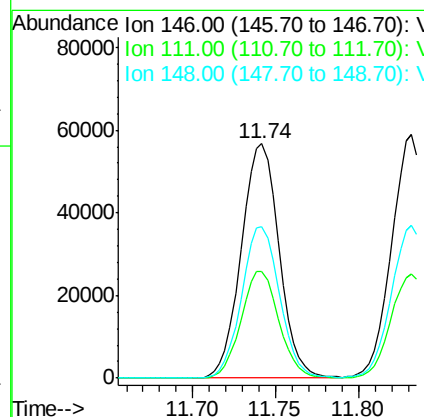
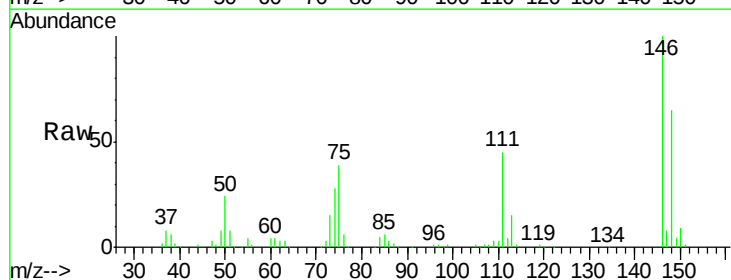
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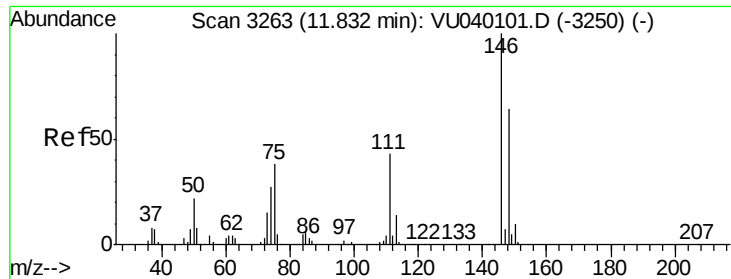
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#82
 1,3-Dichlorobenzene
 Concen: 4.899 ug/l
 RT: 11.74 min Scan# 3235
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.4	35.4	53.0
148	64.7	49.7	74.5





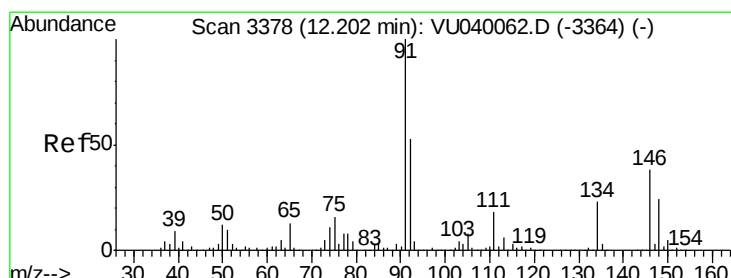
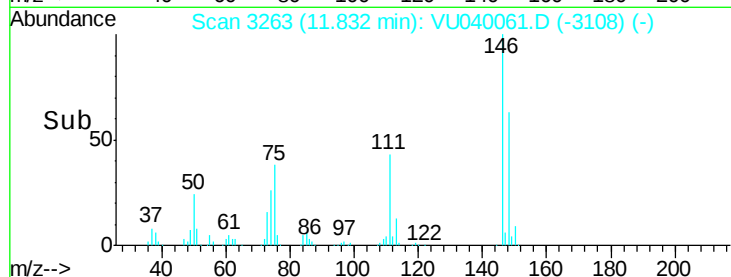
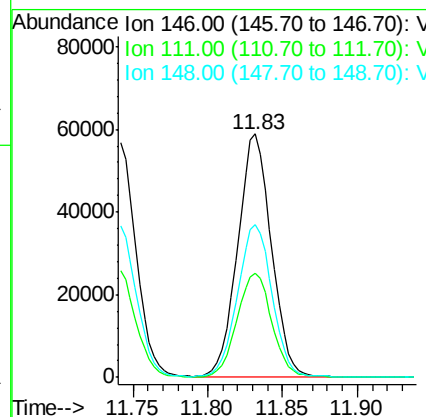
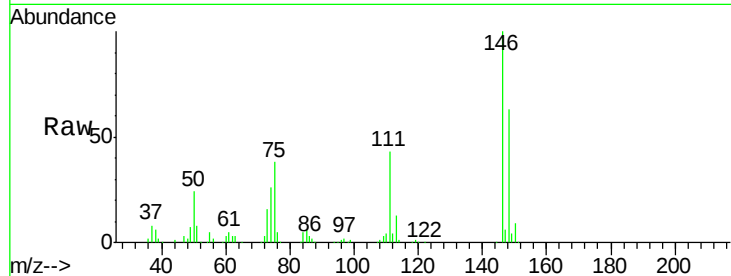
#83
 1,4-Dichlorobenzene
 Concen: 4.943 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.6	34.2	51.2
148	64.4	50.2	75.2

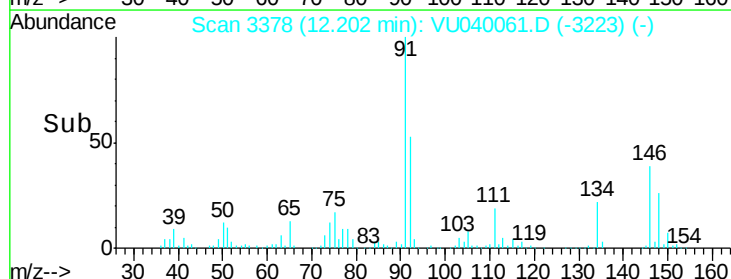
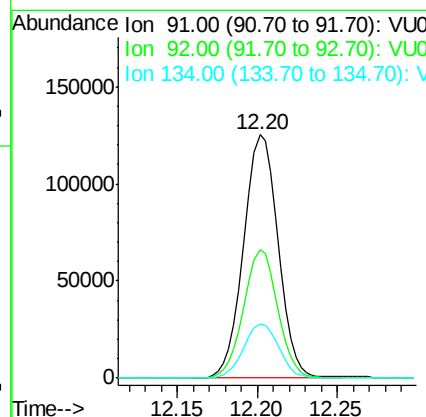
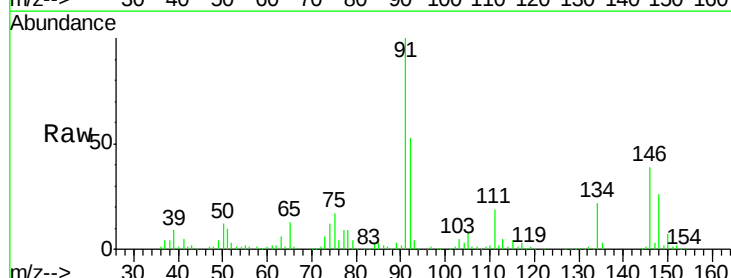
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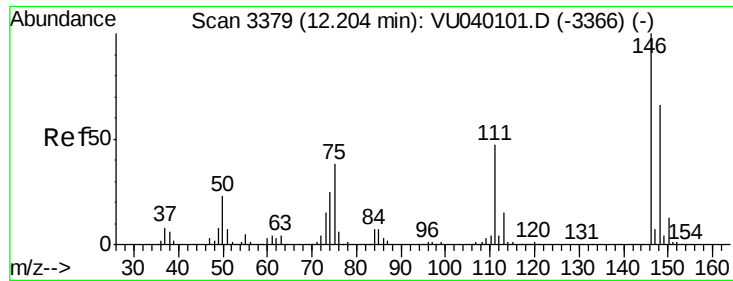
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#84
 n-Butylbenzene
 Concen: 4.862 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.2	43.0	64.4
134	22.7	18.6	27.8





#85

1,2-Dichlorobenzene

Concen: 4.933 ug/l

RT: 12.21 min Scan# 3380

Delta R.T. 0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

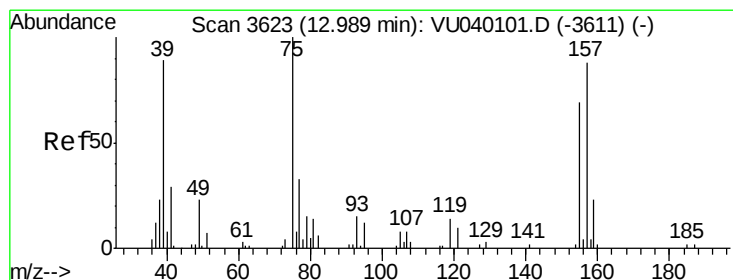
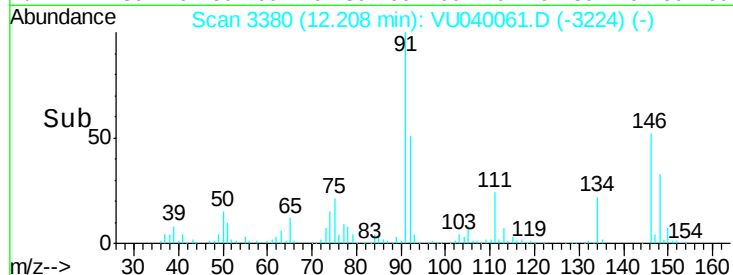
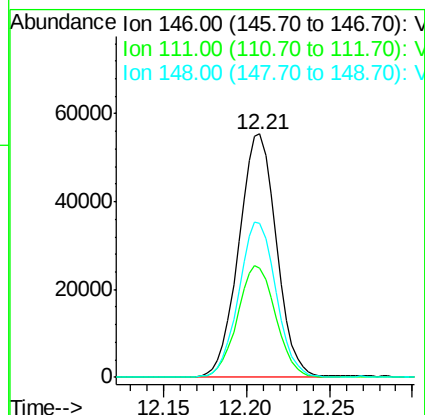
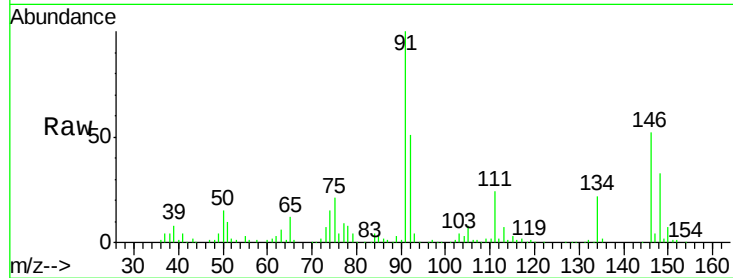
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	87796
Ion Ratio	Lower	Upper	
146	100		
111	46.6	22.9	68.7
148	63.2	31.1	93.2

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#86

1,2-Dibromo-3-Chloropropane

Concen: 5.279 ug/l

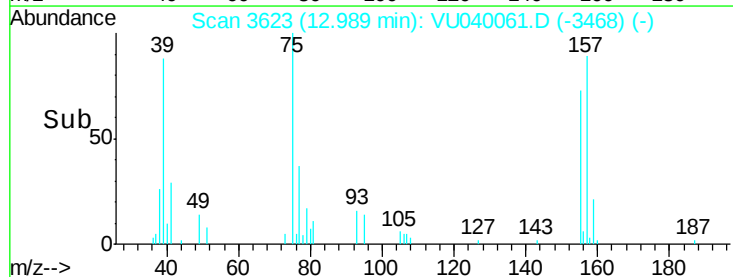
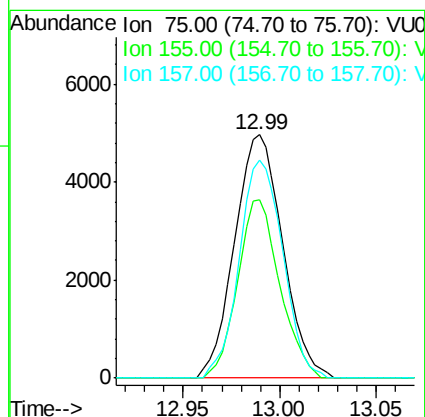
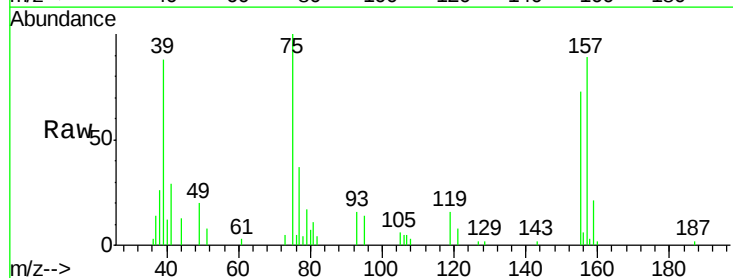
RT: 12.99 min Scan# 3623

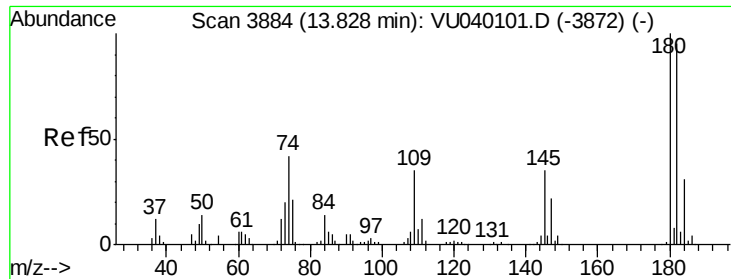
Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Tgt Ion:	75	Resp:	8570
Ion Ratio	Lower	Upper	
75	100		
155	64.2	53.4	80.0
157	81.3	65.8	98.8





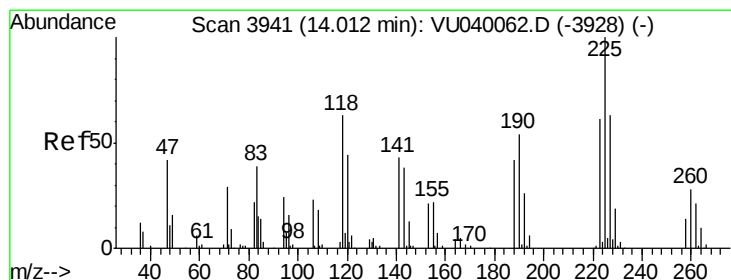
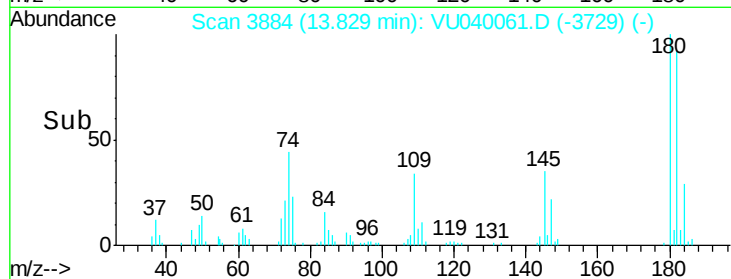
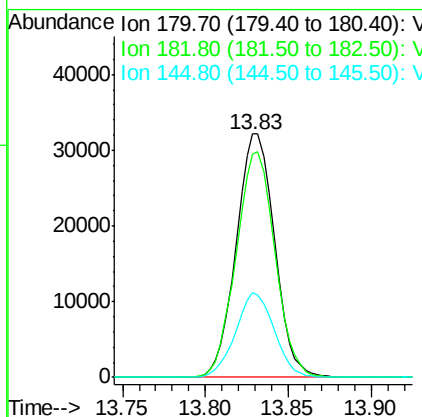
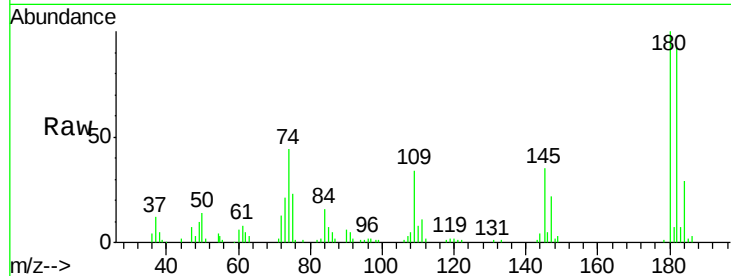
#87
 1,2,4-Trichlorobenzene
 Concen: 4.692 ug/l
 RT: 13.83 min Scan# 3884
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.0	112.4
145	35.1	27.7	41.5

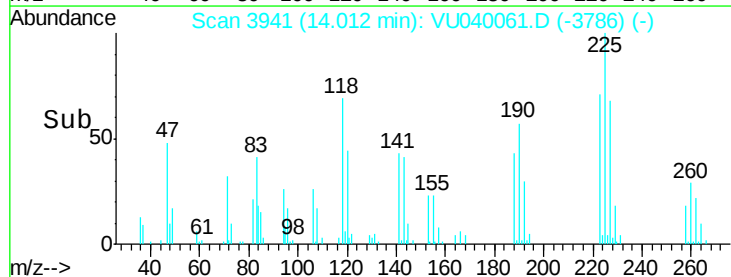
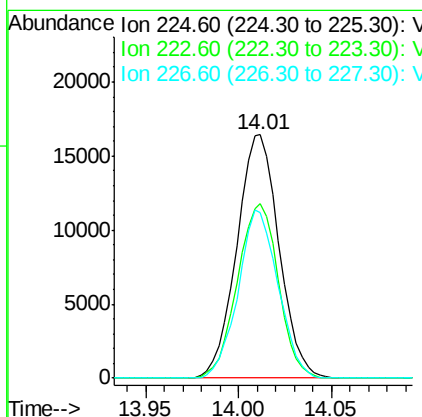
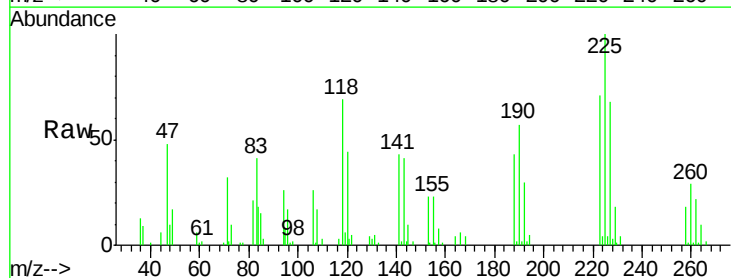
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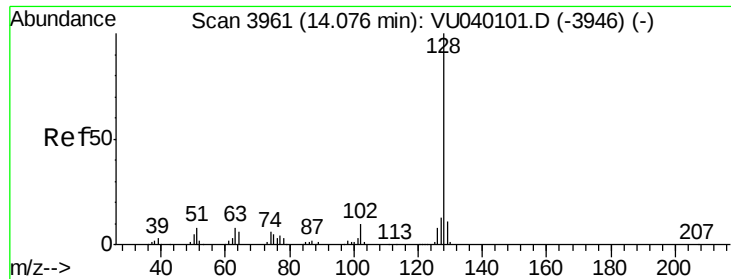
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#88
 Hexachlorobutadiene
 Concen: 5.053 ug/l
 RT: 14.01 min Scan# 3941
 Delta R.T. -0.00 min
 Lab File: VU040061.D
 Acq: 09 Sep 2020 12:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.5	50.7	76.1
227	65.1	51.1	76.7





#89

Naphthalene

Concen: 4.469 ug/l

RT: 14.08 min Scan# 3961

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Instrument :

MSVOA_U

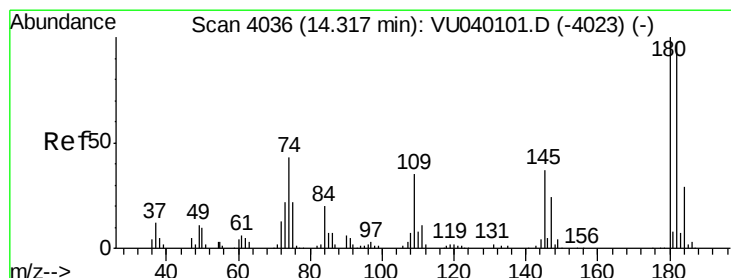
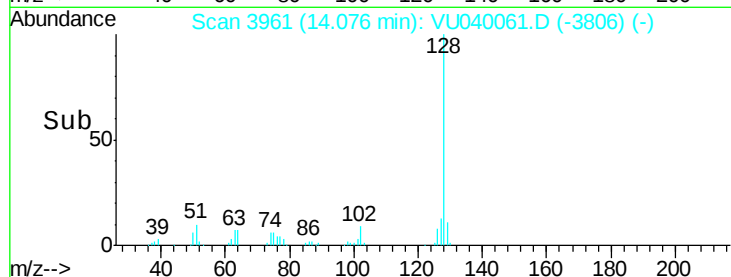
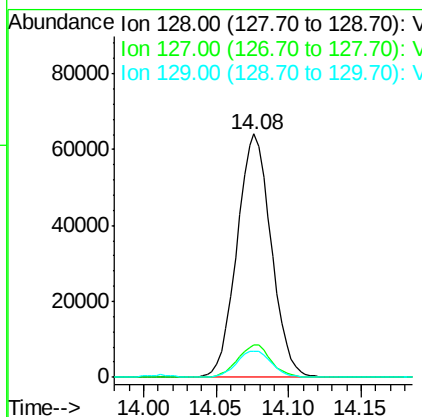
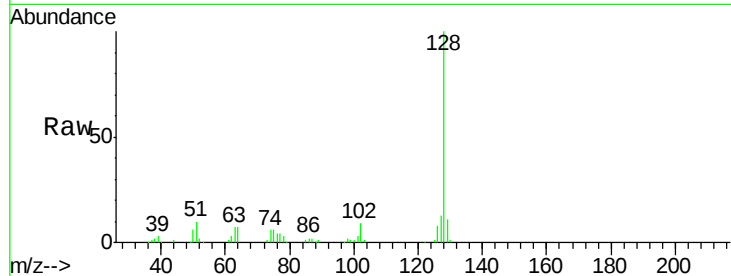
ClientSampleId :

VSTDIC005

Tot Ion:	128	Resp:	105027
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	11.0	8.3	12.5

Manual Integrations
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#90

1,2,3-Trichlorobenzene

Concen: 4.797 ug/l

RT: 14.32 min Scan# 4036

Delta R.T. -0.00 min

Lab File: VU040061.D

Acq: 09 Sep 2020 12:00

Tgt Ion:	180	Resp:	50075
Ion Ratio	Lower	Upper	
180	100		
182	91.6	76.0	114.0
145	36.2	30.6	45.8

