

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081220\
 Data File : VU039837.D
 Acq On : 12 Aug 2020 10:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 7:32:08 PM

Quant Time: Sep 04 19:09:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 04 18:51:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.12	96	22594	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	9709	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery	=	110.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8083	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.39	85	67638	8.615	ug/l	96
3) Chloromethane	1.53	50	73136	7.499	ug/l	99
4) Vinyl Chloride	1.61	62	77665	8.641	ug/l	98
5) Bromomethane	1.86	94	47270	7.689	ug/l	98
6) Chloroethane	1.94	64	52059	8.347	ug/l	99
7) Trichlorofluoromethane	2.15	101	106833	8.986	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	63070	9.244	ug/l	98
9) 1,1-Dichloroethene	2.59	96	54189	8.632	ug/l	97
10) Iodomethane	2.74	142	37033	5.849	ug/l	97
11) Allyl Chloride	2.94	41	125441	9.263	ug/l	100
12) Acrylonitrile	3.34	53	43029	19.527	ug/l	91
13) Acetone	2.65	43	96757	46.525	ug/l	100
14) Carbon Disulfide	2.80	76	159250	6.917	ug/l	98
15) Methylene Chloride	3.06	84	69629	7.957	ug/l	97
16) trans-1,2-Dichloroethene	3.37	96	62107	8.702	ug/l	96
17) 1,1-Dichloroethane	3.89	63	146081	9.321	ug/l	99
18) 2-Butanone	4.75	43	154065	44.189	ug/l	98
19) Cyclohexane	5.39	56	123697m	8.154	ug/l	
20) Methylcyclohexane	6.77	83	95583	8.503	ug/l	97
21) 2,2-Dichloropropane	4.68	77	119254	9.328	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	68723	8.933	ug/l	94
23) Diethyl Ether	2.39	59	57005	8.881	ug/l	96
24) tert-Butyl Alcohol	3.23	59	76589	100.265	ug/l	99
25) Methyl tert-Butyl Ether	3.39	73	192984	9.421	ug/l	99
26) Bromochloromethane	4.99	128	27905	8.866	ug/l	98
27) Chloroform	5.11	83	136328	9.294	ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	110543	9.314	ug/l	99
29) 1,1-Dichloropropene	5.54	75	99261	8.685	ug/l	99
30) Carbon Tetrachloride	5.54	117	90998	9.377	ug/l	98
31) Isopropyl Ether	4.02	45	275325	9.632	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	227185	9.339	ug/l	99
33) Tert-Amyl methyl ether	5.97	73	151874	8.660	ug/l	99
34) Propionitrile	4.82	54	38962	45.300	ug/l	98
35) Benzene	5.79	78	273994	9.692	ug/l	99
36) 1,2-Dichloroethane	5.81	62	97083	9.161	ug/l	99
37) Trichloroethene	6.55	130	55740	8.618	ug/l	99
38) 1,2-Dichloropropane	6.81	63	72905	9.357	ug/l	98
39) Methacrylonitrile	5.01	41	37111	8.187	ug/l	98
40) Methyl acrylate	4.87	55	51009	8.727	ug/l	98
41) Tetrahydrofuran	5.09	42	37491	16.440	ug/l	97
42) 1-Chlorobutane	5.47	56	158352	8.828	ug/l	97

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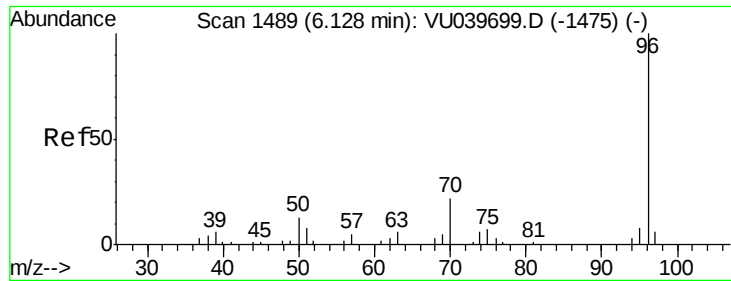
Manual Integrations
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Quant Time: Sep 04 19:09:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 04 18:51:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	37206	8.874	ug/l	97
44) Bromodichloromethane	7.12	83	91841	9.553	ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	287700	45.296	ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	38420m	20.337	ug/l	
47) Methyl methacrylate	6.98	69	72006	18.412	ug/l	98
48) Ethyl methacrylate	8.35	69	65860	9.150	ug/l	100
49) Toluene	7.98	92	151897	9.027	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	84513	9.761	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	96650	9.497	ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	48168	8.842	ug/l	96
53) 1,3-Dichloropropane	8.58	76	91887	8.785	ug/l	100
54) 2-Hexanone	8.70	43	206414	45.390	ug/l	98
55) Dibromochloromethane	8.82	129	53756	9.189	ug/l	97
56) 1,2-Dibromoethane	8.93	107	45123	8.596	ug/l	100
58) Tetrachloroethene	8.56	164	52411	9.256	ug/l	97
59) Chlorobenzene	9.45	112	158325	9.099	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	55074	9.387	ug/l	99
61) Pentachloroethane	11.43	117	42883	8.319	ug/l	98
62) Hexachloroethane	12.47	117	45441	9.618	ug/l	100
63) Ethyl Benzene	9.57	91	290390	9.312	ug/l	100
64) m/p-Xylenes	9.69	106	228713	18.772	ug/l	100
65) o-Xylene	10.10	106	107783	9.318	ug/l	97
66) Styrene	10.11	104	188232	9.495	ug/l	99
67) Bromoform	10.29	173	28284	9.478	ug/l	98
69) Isopropylbenzene	10.48	105	285860	9.252	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	67372	8.591	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	46004m	7.787	ug/l	
72) Bromobenzene	10.78	156	62010	8.837	ug/l	97
73) n-propylbenzene	10.90	120	81105	9.336	ug/l	97
74) 2-Chlorotoluene	10.98	126	65092	8.870	ug/l	97
75) 1,3,5-Trimethylbenzene	11.09	105	249254	9.332	ug/l	100
76) 4-Chlorotoluene	11.10	126	71793	9.445	ug/l	97
77) tert-Butylbenzene	11.42	119	231660	9.041	ug/l	100
78) 1,2,4-Trimethylbenzene	11.47	105	259538	9.474	ug/l	99
79) sec-Butylbenzene	11.64	105	335747	9.206	ug/l	100
80) Nitrobenzene	13.20	77	8969	67.587	ug/l	99
81) p-Isopropyltoluene	11.79	119	273715	9.312	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	127862	8.466	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	131978	8.688	ug/l	99
84) n-Butylbenzene	12.20	91	286747	9.185	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	124806	8.574	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	12473	9.442	ug/l	94
87) 1,2,4-Trichlorobenzene	13.83	180	79436	8.725	ug/l	100
88) Hexachlorobutadiene	14.01	225	36475	8.822	ug/l	99
89) Naphthalene	14.08	128	170508	8.753	ug/l	99
90) 1,2,3-Trichlorobenzene	14.32	180	76267	8.874	ug/l	100

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

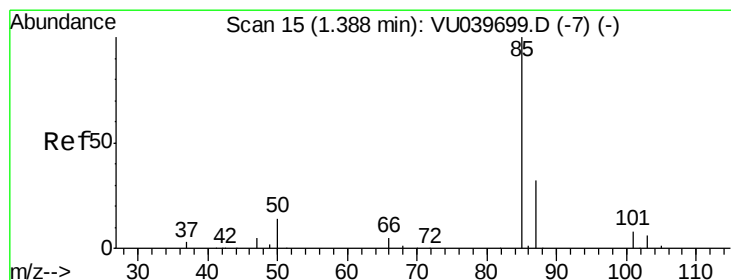
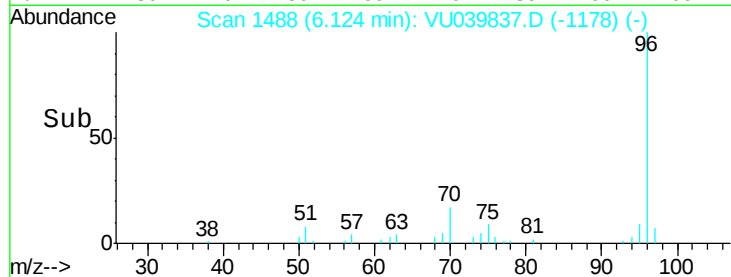
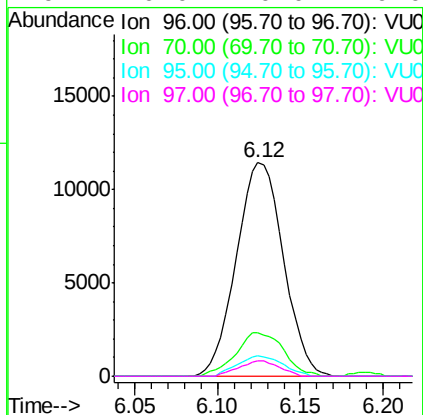
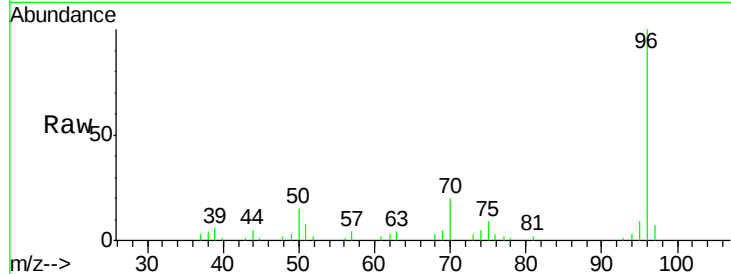
ClientSampleId :

VSTDCCC010

Tgt Ion:	96	Resp:	22594
Ion Ratio	Lower	Upper	
96	100		
70	20.8	16.3	24.5
95	9.2	6.8	10.2
97	0.0	0.0	0.0

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#2

Dichlorodifluoromethane

Concen: 8.615 ug/l

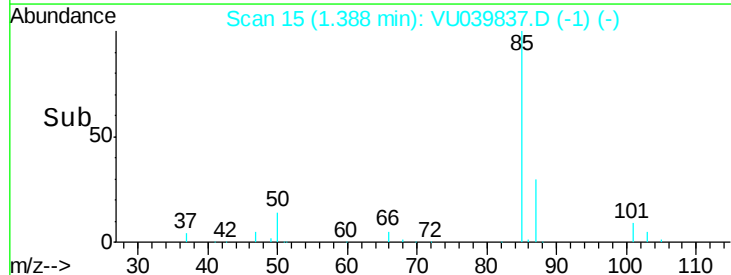
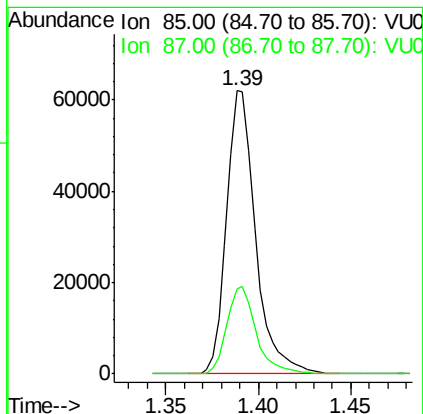
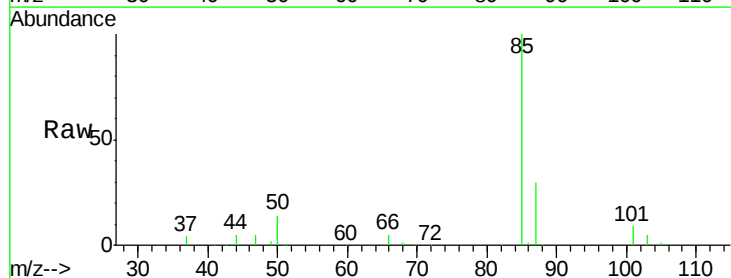
RT: 1.39 min Scan# 15

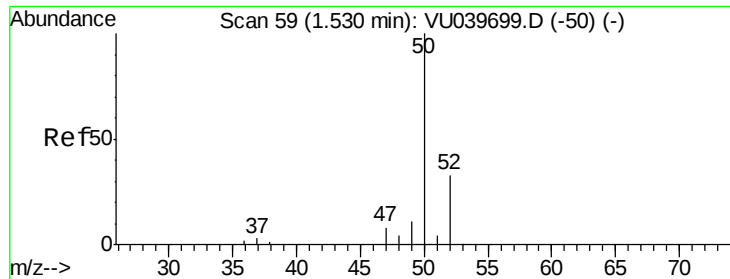
Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Tgt Ion:	85	Resp:	67638
Ion Ratio	Lower	Upper	
85	100		
87	30.2	16.2	48.6





#3

Chloromethane

Concen: 7.499 ug/l

RT: 1.53 min Scan# 60

Delta R.T. 0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 50 Resp: 73136

Ion Ratio Lower Upper

50 100

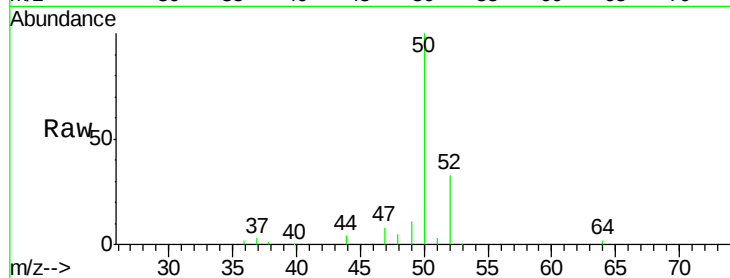
52 32.9 26.0 39.0

Manual Integrations

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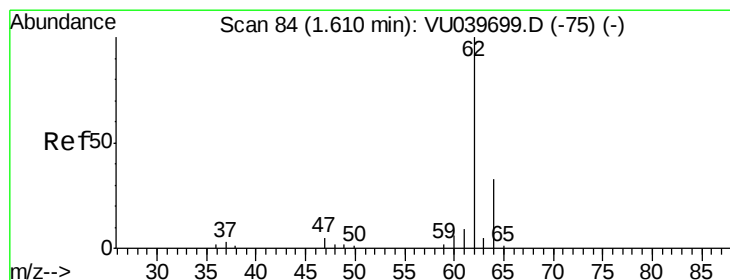
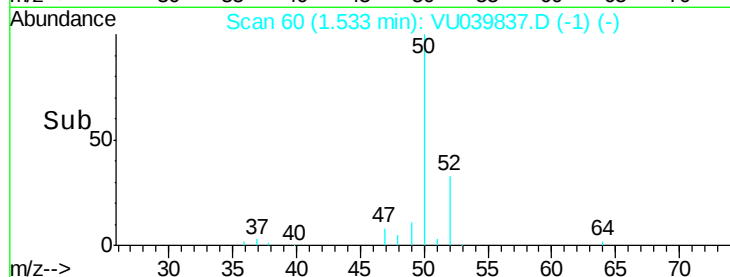
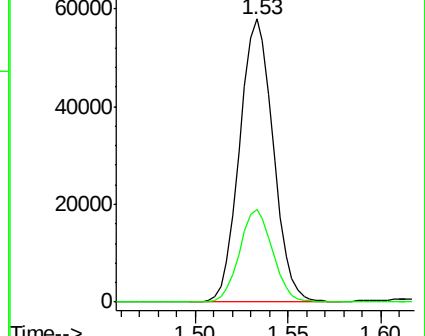
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Abundance Ion 50.00 (49.70 to 50.70): VU039837.D (-1) (-)

Ion 52.00 (51.70 to 52.70): VU039837.D (-1) (-)



#4

Vinyl Chloride

Concen: 8.641 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039837.D

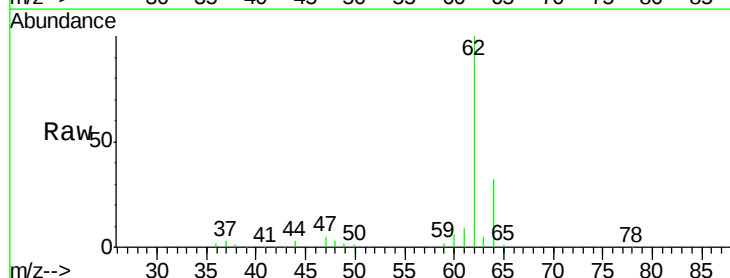
Acq: 12 Aug 2020 10:22

Tgt Ion: 62 Resp: 77665

Ion Ratio Lower Upper

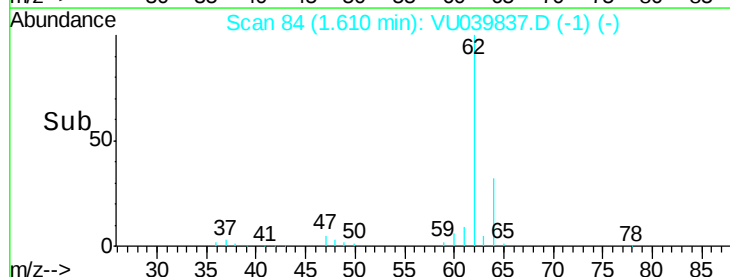
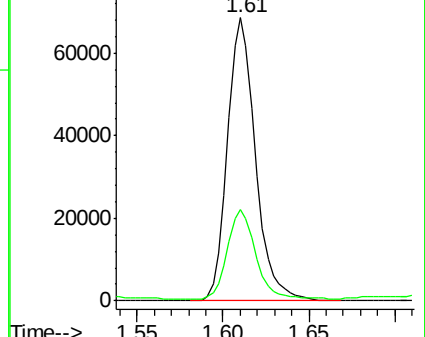
62 100

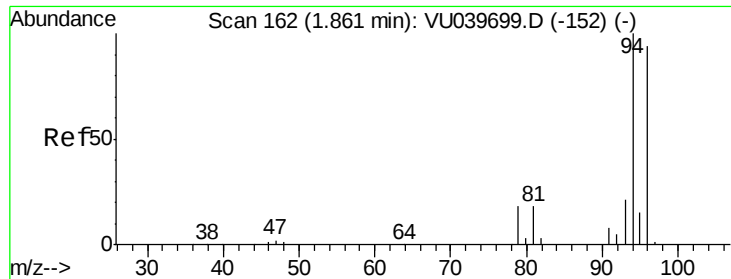
64 31.6 26.0 39.0



Abundance Ion 62.00 (61.70 to 62.70): VU039837.D (-1) (-)

Ion 64.00 (63.70 to 64.70): VU039837.D (-1) (-)





#5

Bromomethane

Concen: 7.689 ug/l

RT: 1.86 min Scan# 162

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 94 Resp: 47270

Ion Ratio Lower Upper

94 100

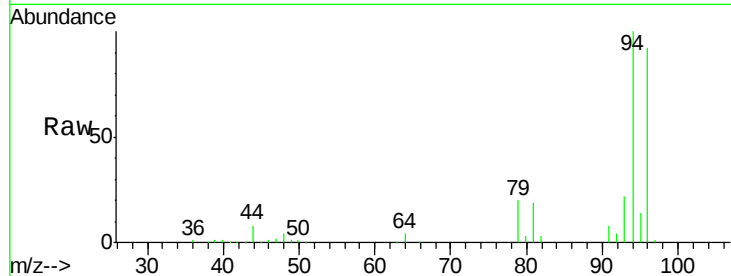
96 92.0 75.0 112.6

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Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU039699.D (-152) (-)

1.86

40000

30000

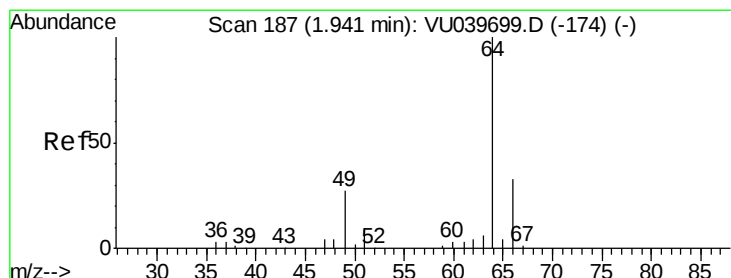
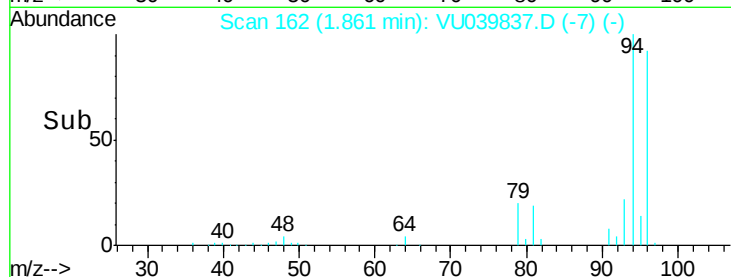
20000

10000

0

1.80 1.85 1.90

Time-->



#6

Chloroethane

Concen: 8.347 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039837.D

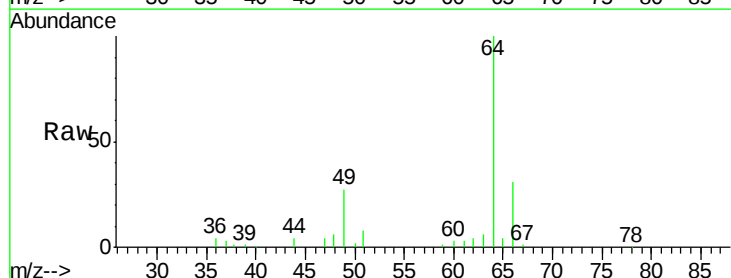
Acq: 12 Aug 2020 10:22

Tgt Ion: 64 Resp: 52059

Ion Ratio Lower Upper

64 100

66 32.0 26.2 39.2



Abundance Ion 64.00 (63.70 to 64.70): VU039699.D (-174) (-)

Ion 66.00 (65.70 to 66.70): VU039699.D (-174) (-)

1.94

40000

30000

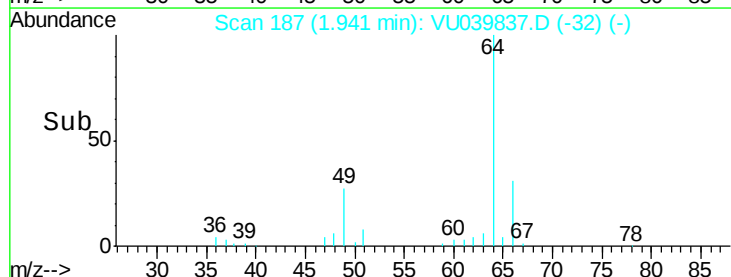
20000

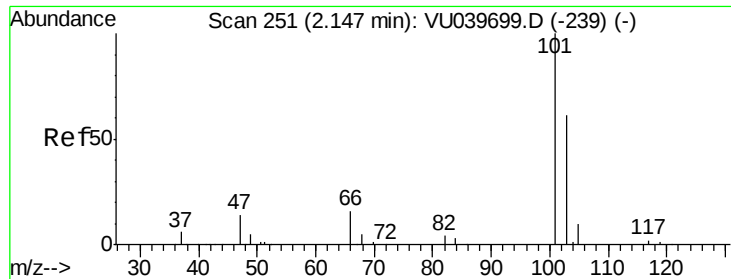
10000

0

1.90 1.95 2.00 2.05

Time-->





#7

Trichlorofluoromethane

Concen: 8.986 ug/l

RT: 2.15 min Scan# 251

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:101 Resp: 106833

Ion Ratio Lower Upper

101 100

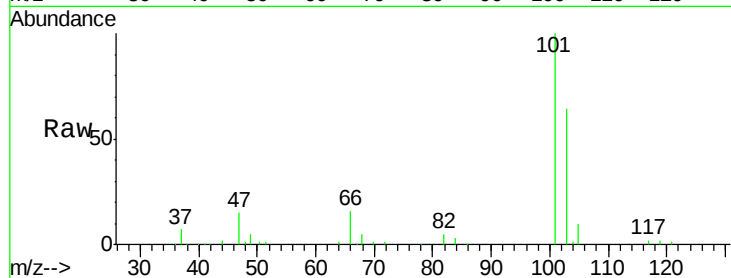
103 64.2 48.8 73.2

Manual Integrations

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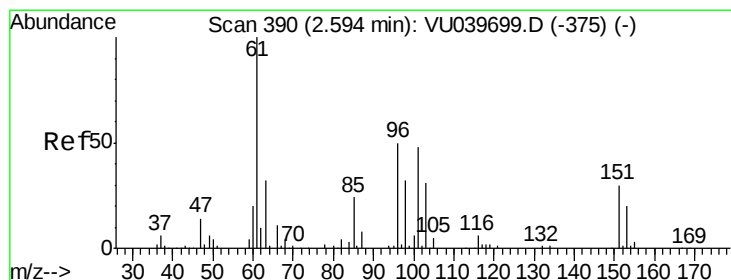
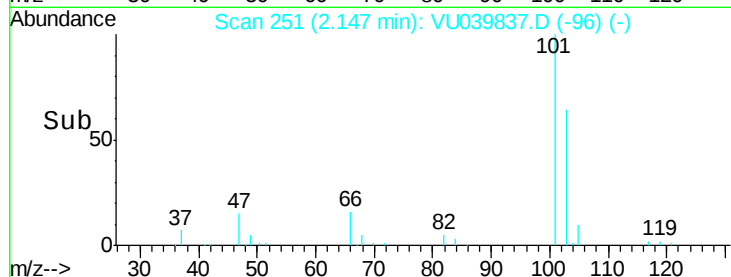
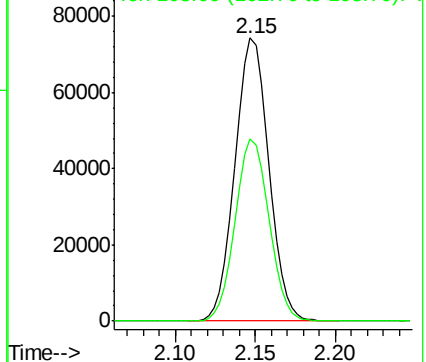
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 9.244 ug/l

RT: 2.59 min Scan# 390

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

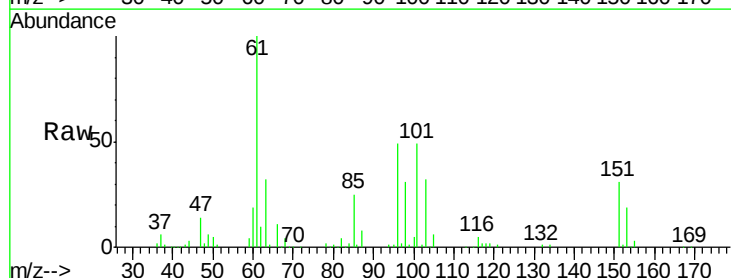
Tgt Ion:101 Resp: 63070

Ion Ratio Lower Upper

101 100

85 50.2 39.9 59.9

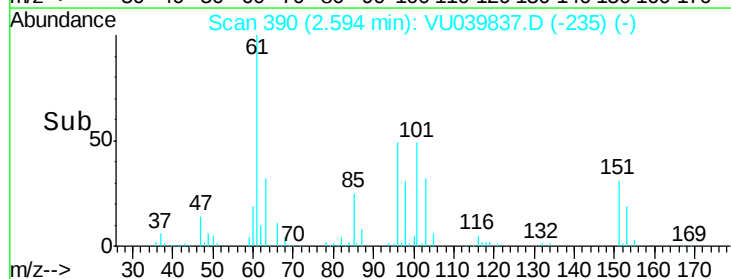
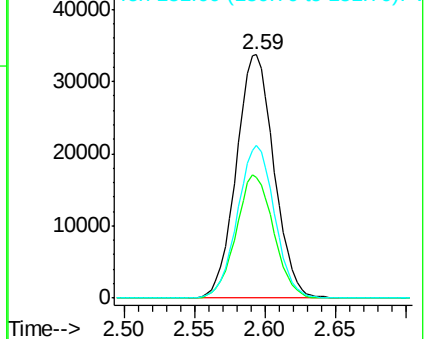
151 61.6 51.0 76.4

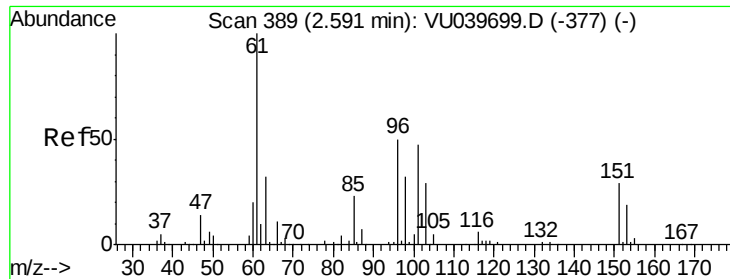


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 8.632 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

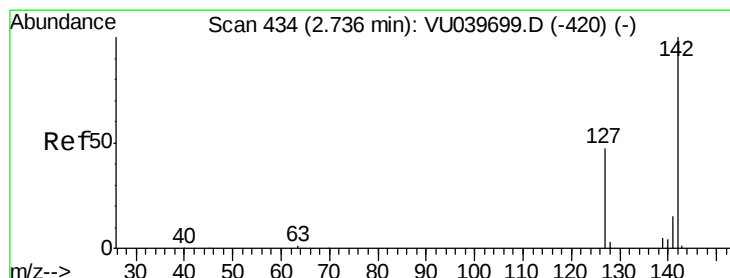
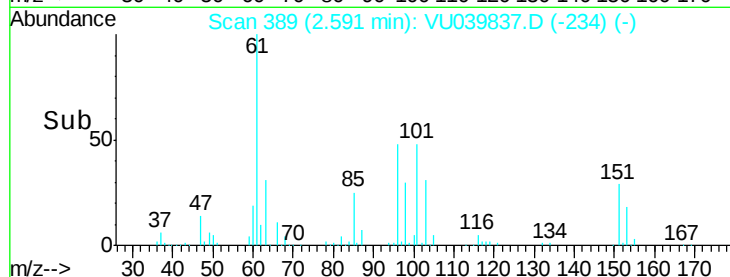
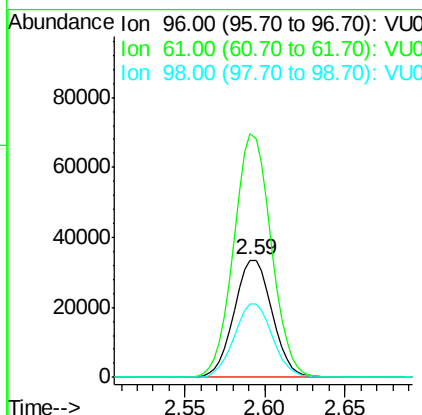
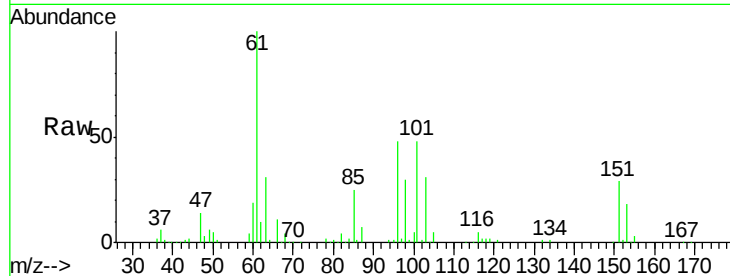
ClientSampleId :

VSTDCCC010

Tgt Ion:	96	Resp:	54189
Ion	Ratio	Lower	Upper
96	100		
61	207.8	0.0	604.5
98	62.7	0.0	127.2

Manual Integrations
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#10

Iodomethane

Concen: 5.849 ug/l

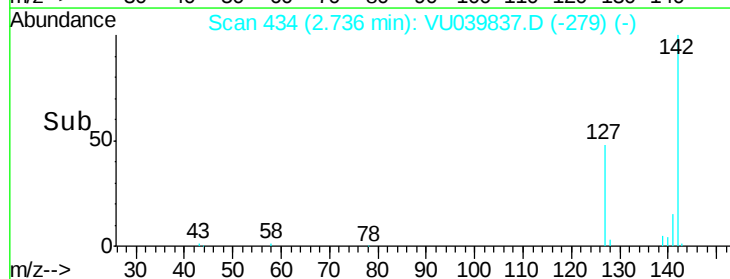
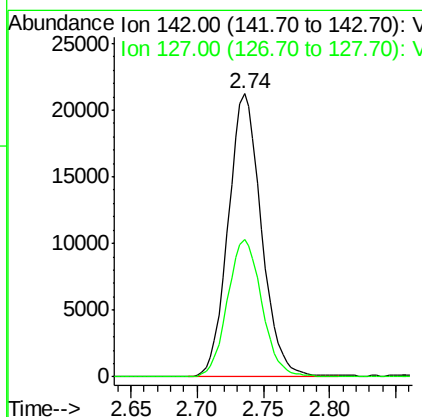
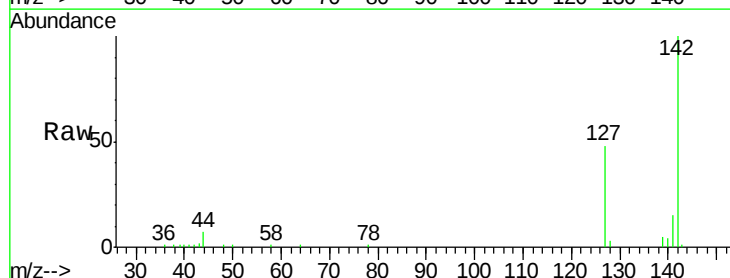
RT: 2.74 min Scan# 434

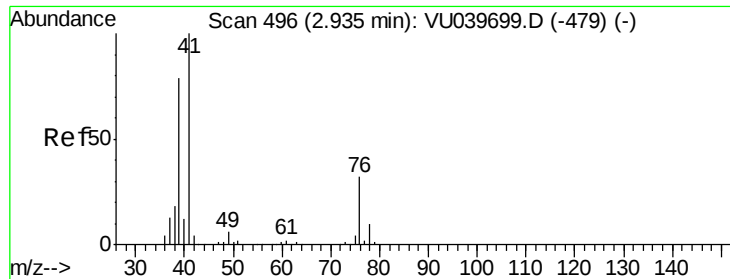
Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Tgt Ion:	142	Resp:	37033
Ion	Ratio	Lower	Upper
142	100		
127	50.0	38.4	57.6





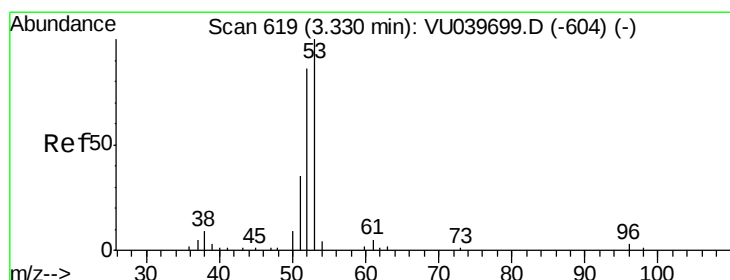
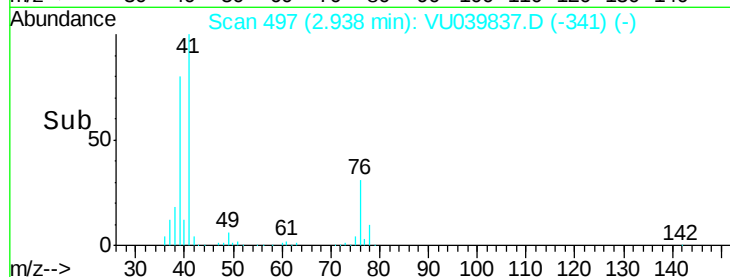
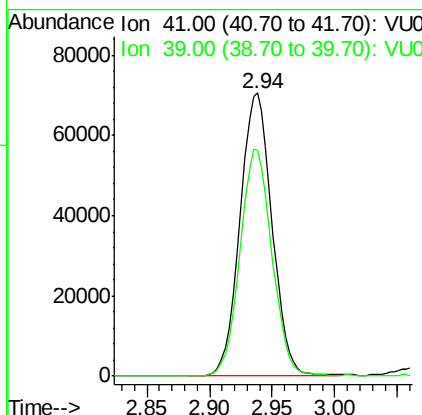
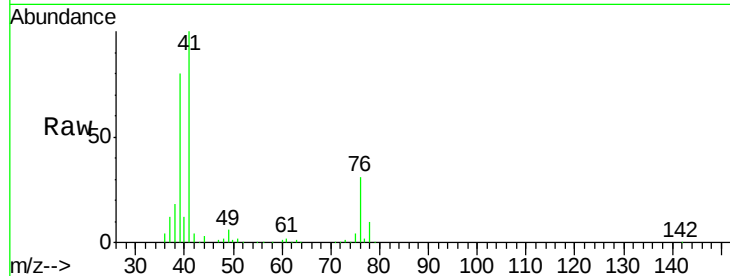
#11
 Allyl Chloride
 Concen: 9.263 ug/l
 RT: 2.94 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	125441		
39	79.8	64.2	96.2	

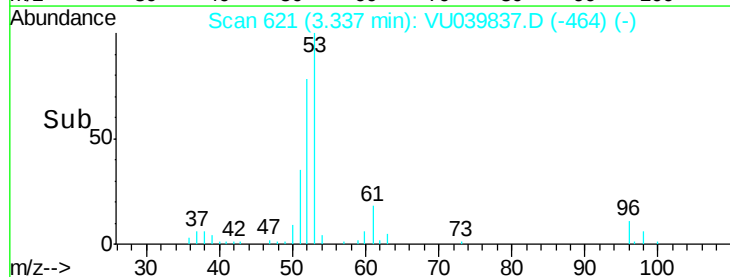
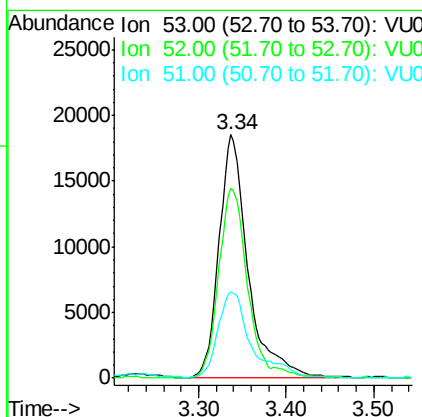
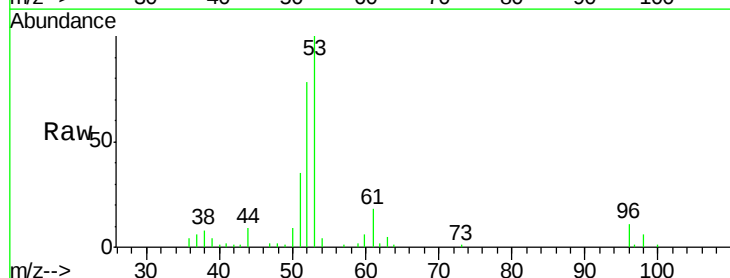
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#12
 Acrylonitrile
 Concen: 19.527 ug/l
 RT: 3.34 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
53	100	43029		
52	77.0	69.1	103.7	
51	40.4	29.4	44.2	





#13

Acetone

Concen: 46.525 ug/l

RT: 2.65 min Scan# 406

Delta R.T. 0.01 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 96757

Ion Ratio Lower Upper

43 100

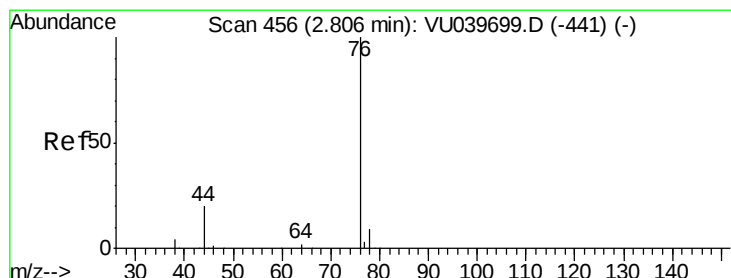
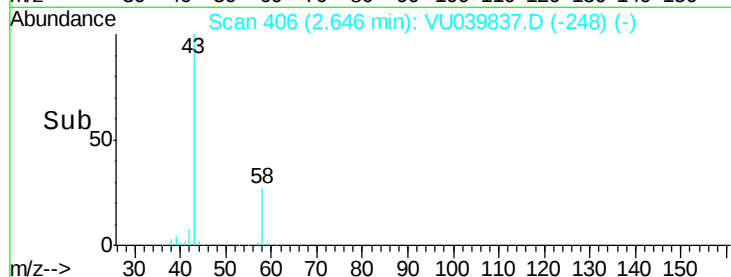
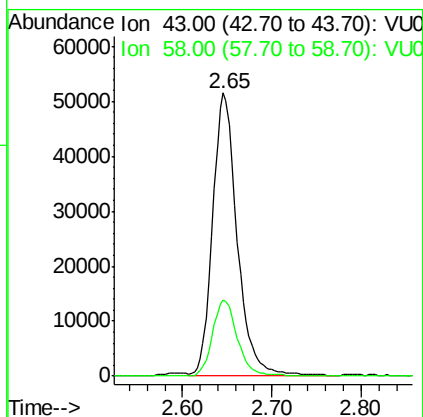
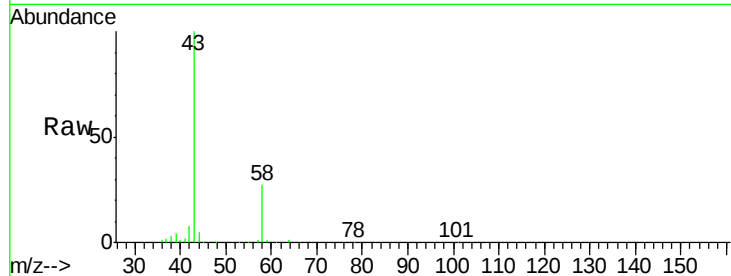
58 27.0 21.8 32.6

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#14

Carbon Disulfide

Concen: 6.917 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039837.D

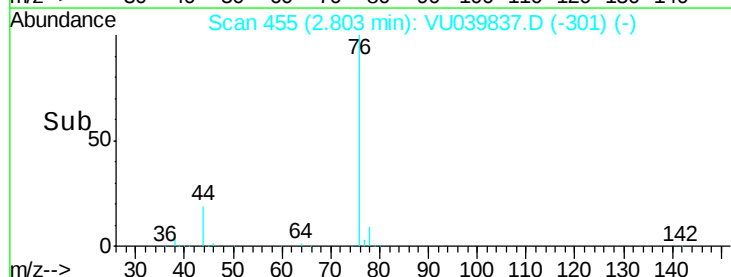
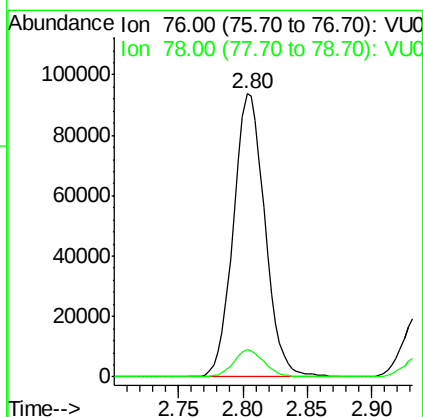
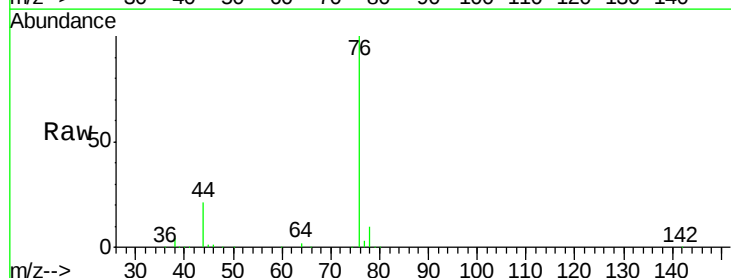
Acq: 12 Aug 2020 10:22

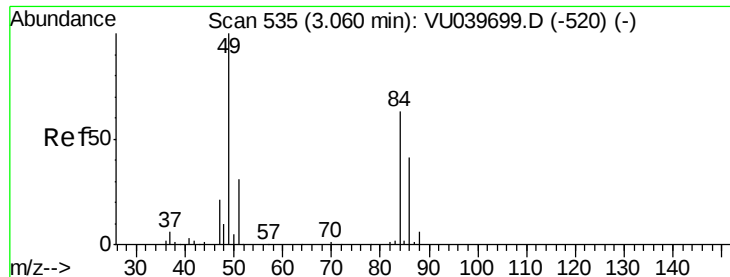
Tgt Ion: 76 Resp: 159250

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6





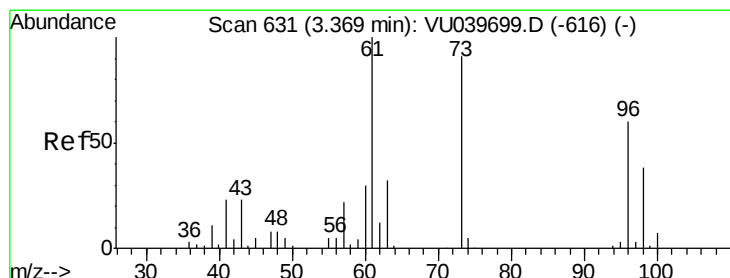
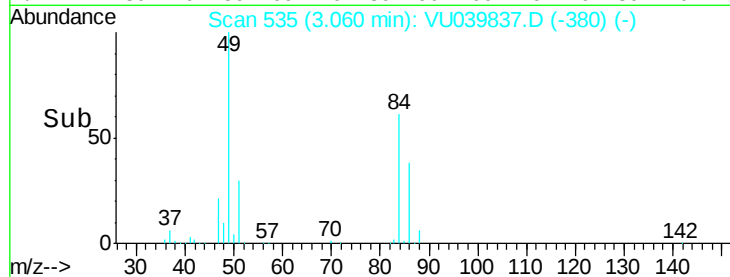
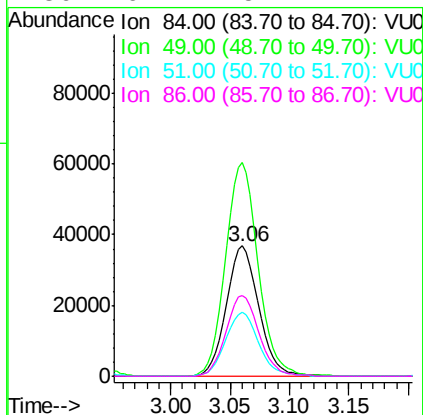
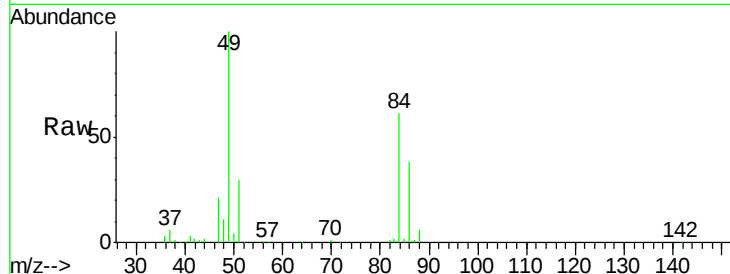
#15
Methylene Chloride
Concen: 7.957 ug/l
RT: 3.06 min Scan# 535
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:	84	Resp:	69629
Ion	Ratio	Lower	Upper
84	100		
49	163.7	126.8	190.2
51	49.2	0.0	97.2
86	62.2	51.4	77.2

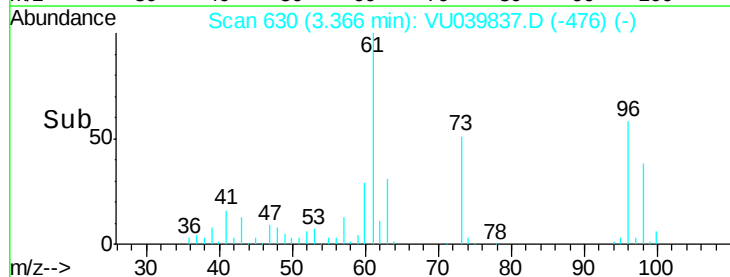
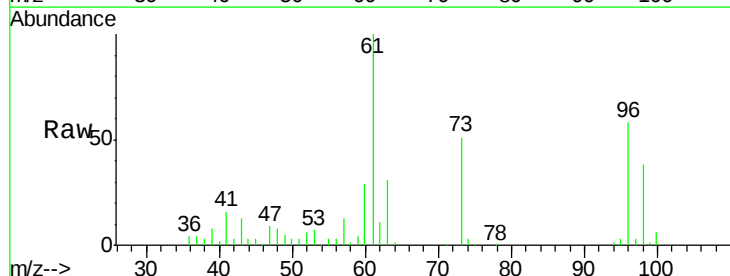
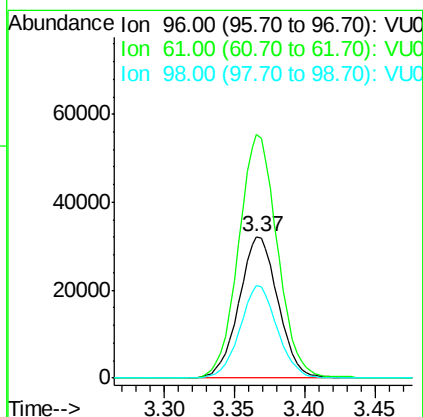
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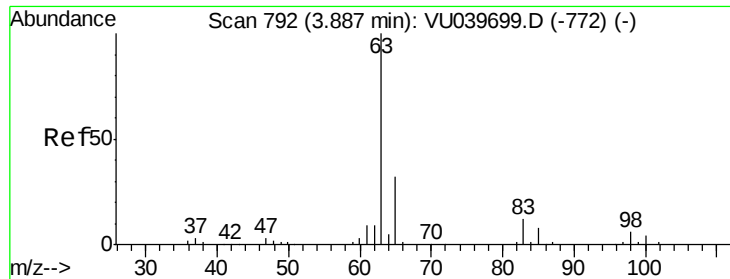
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#16
trans-1,2-Dichloroethene
Concen: 8.702 ug/l
RT: 3.37 min Scan# 630
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion:	96	Resp:	62107
Ion	Ratio	Lower	Upper
96	100		
61	172.3	132.6	199.0
98	65.1	50.2	75.2





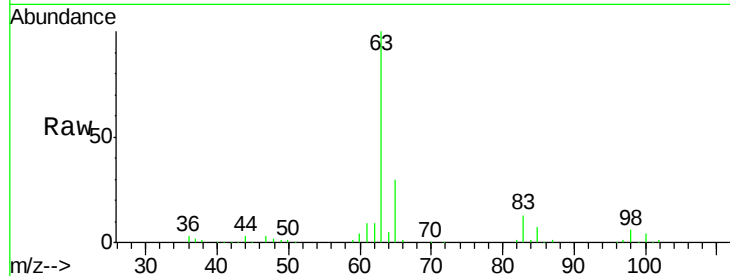
#17
 1,1-Dichloroethane
 Concen: 9.321 ug/l
 RT: 3.89 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

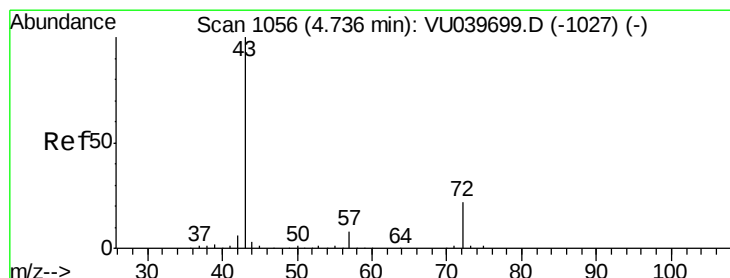
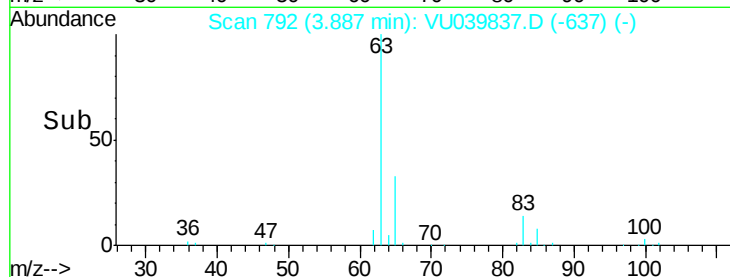
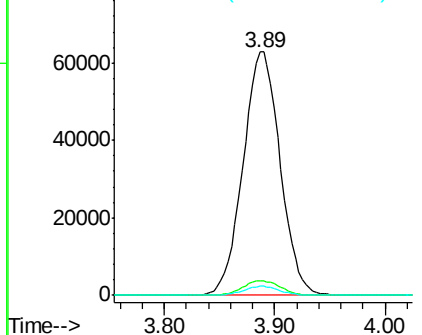
Tgt Ion	Ratio	Resp	Lower	Upper
63	100	146081		
98	6.0	2.9	8.7	
100	3.7	2.0	6.0	

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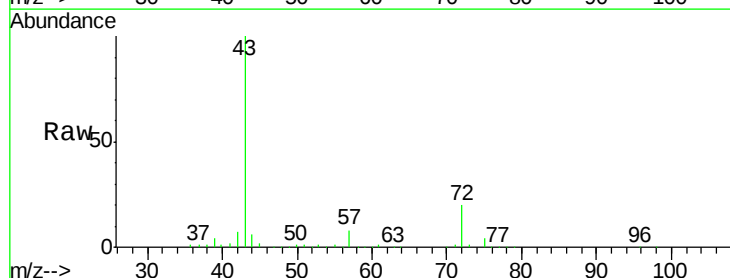


Abundance Ion 63.00 (62.70 to 63.70): VU039837.D (-637) (-)
 Ion 98.00 (97.70 to 98.70): VU039837.D (-981) (-)
 Ion 100.00 (99.70 to 100.70): VU039837.D (-1001) (-)

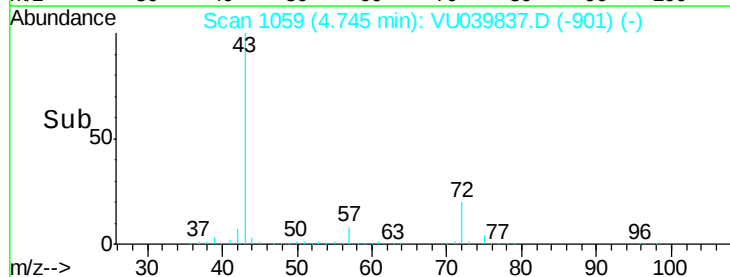
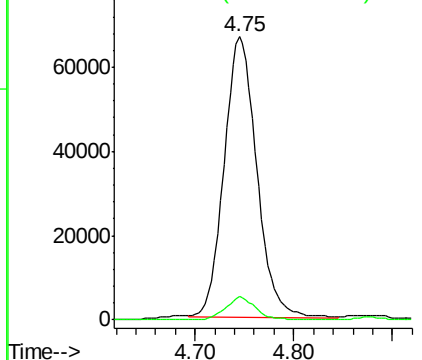


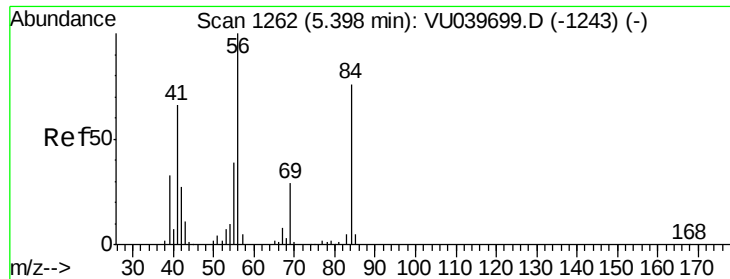
#18
 2-Butanone
 Concen: 44.189 ug/l
 RT: 4.75 min Scan# 1059
 Delta R.T. 0.01 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	154065		
57	8.2	0.0	15.2	



Abundance Ion 43.00 (42.70 to 43.70): VU039837.D (-901) (-)
 Ion 57.00 (56.70 to 57.70): VU039837.D (-959) (-)





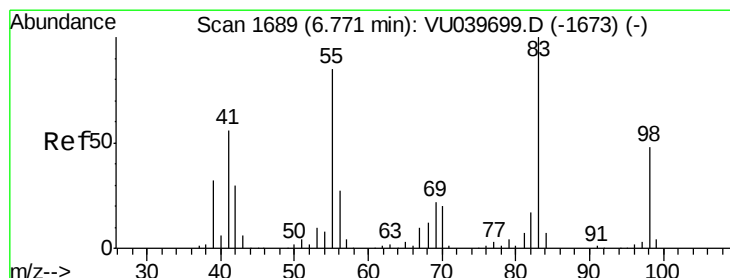
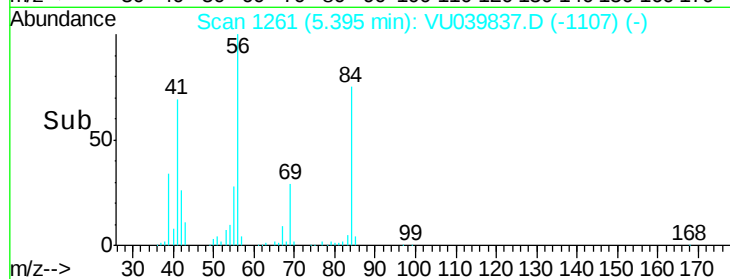
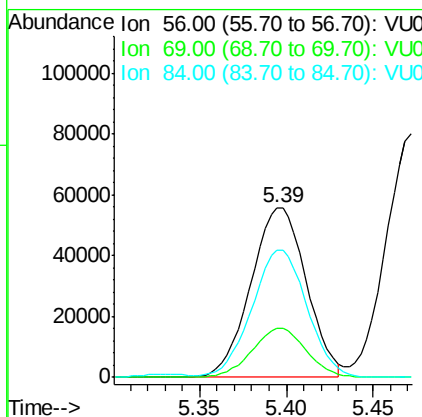
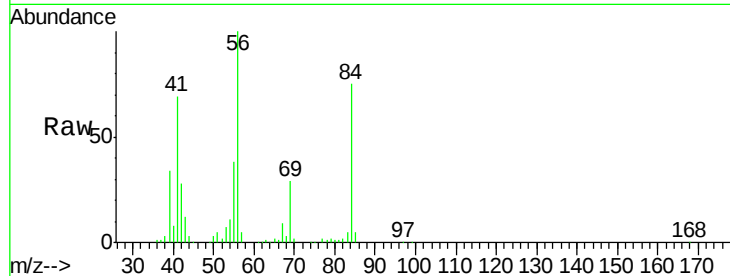
#19
Cyclohexane
Concen: 8.154 ug/l m
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.2	22.8	34.2
84	73.2	59.9	89.9

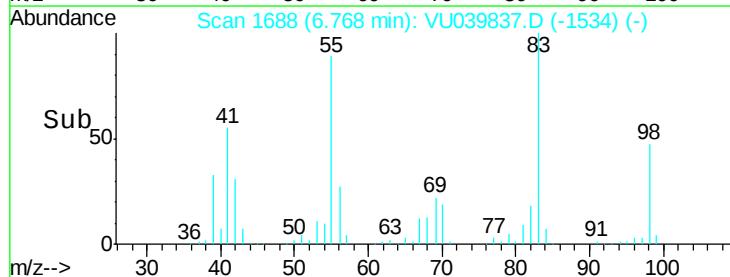
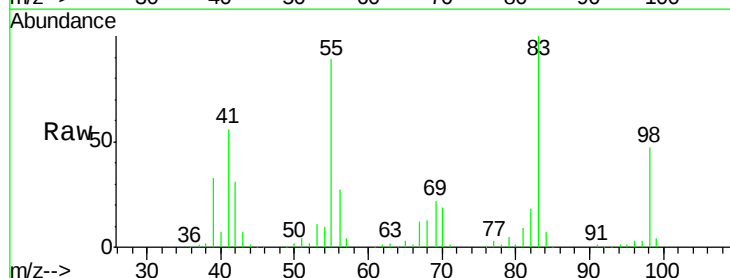
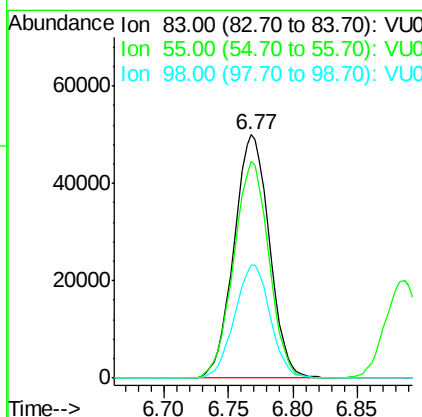
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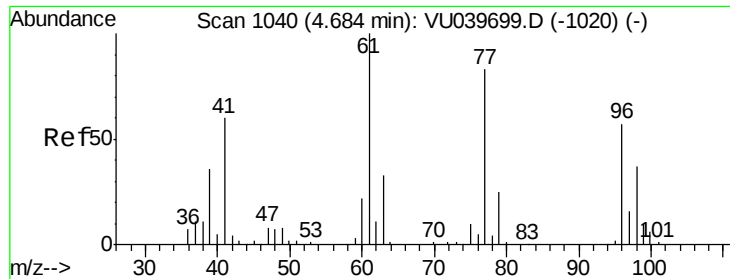
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#20
Methylcyclohexane
Concen: 8.503 ug/l
RT: 6.77 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
83	100		
55	88.5	67.6	101.4
98	46.6	37.3	55.9





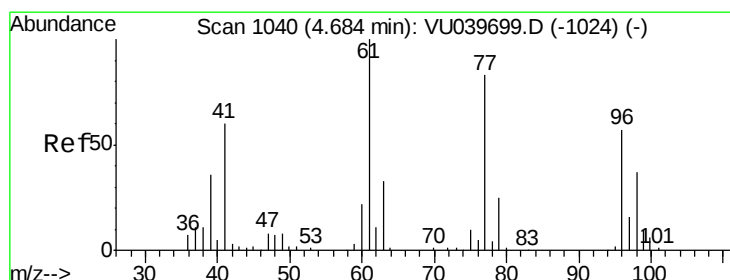
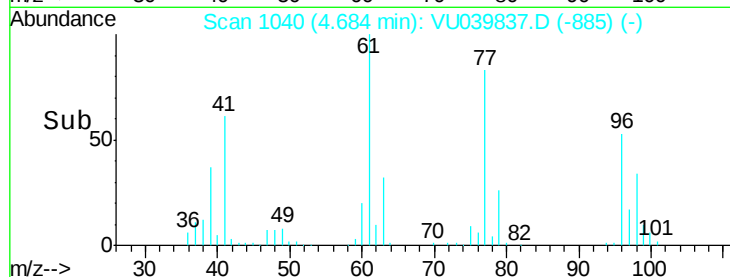
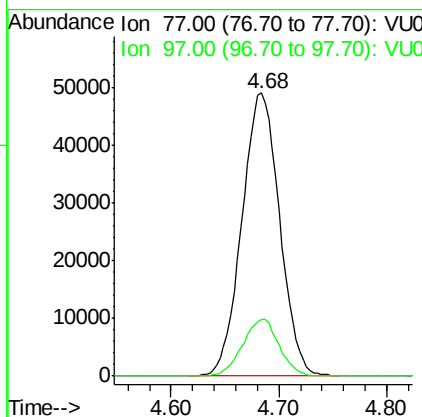
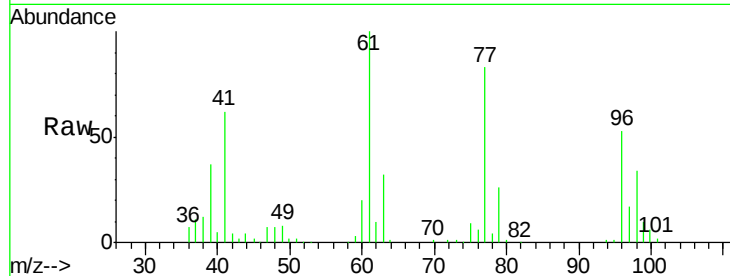
#21
 2,2-Dichloropropane
 Concen: 9.328 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 77 Resp: 119254
 Ion Ratio Lower Upper
 77 100
 97 19.4 15.2 22.8

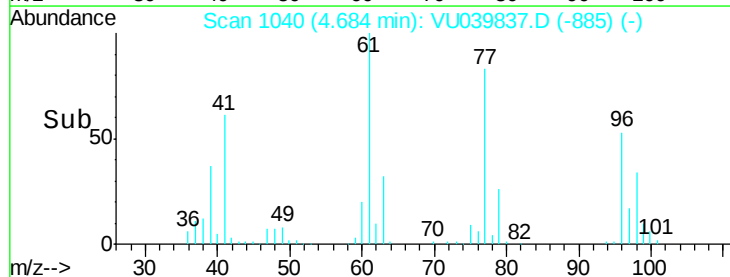
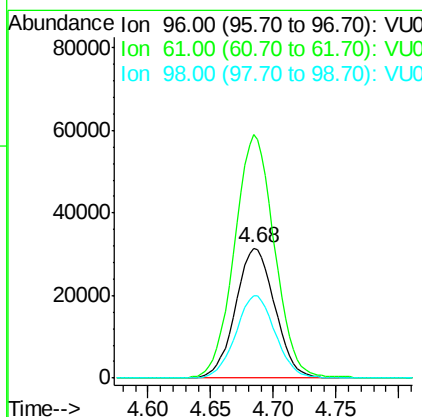
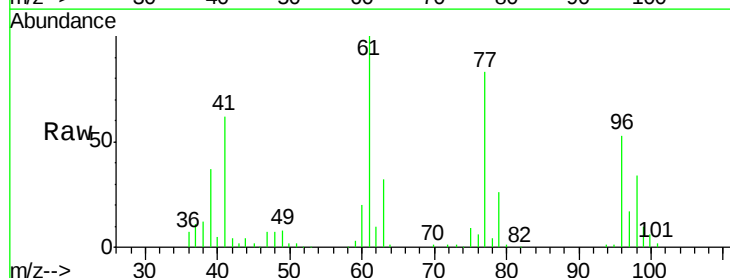
Manual Integrations
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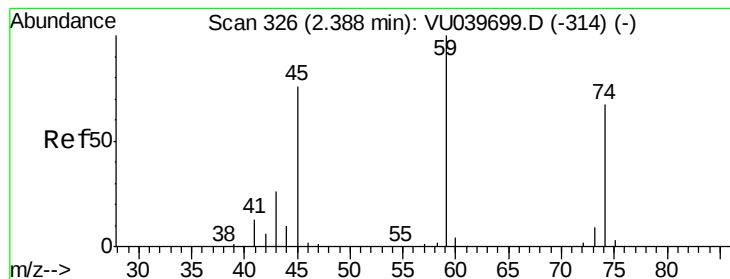
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#22
 cis-1,2-Dichloroethene
 Concen: 8.933 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion: 96 Resp: 68723
 Ion Ratio Lower Upper
 96 100
 61 191.0 0.0 451.3
 98 64.1 32.6 98.0





#23

Diethyl Ether

Concen: 8.881 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

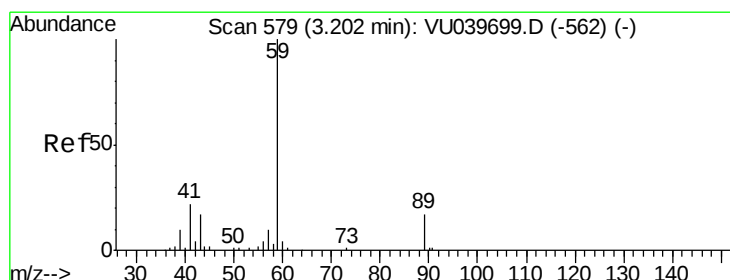
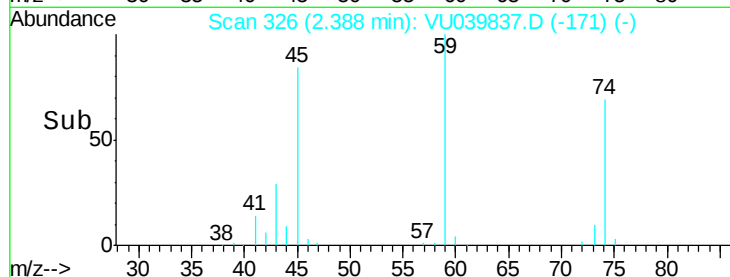
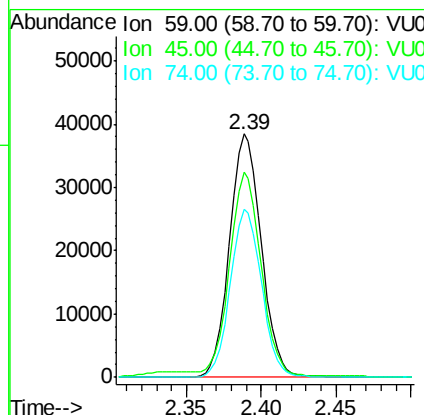
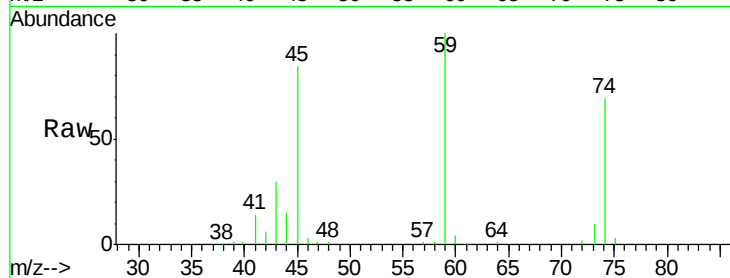
ClientSampleId :

VSTDCCC010

Tgt Ion:	59	Resp:	57005
Ion	Ratio	Lower	Upper
59	100		
45	83.7	61.5	92.3
74	67.7	54.3	81.5

Manual Integrations
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#24

tert-Butyl Alcohol

Concen: 100.265 ug/l

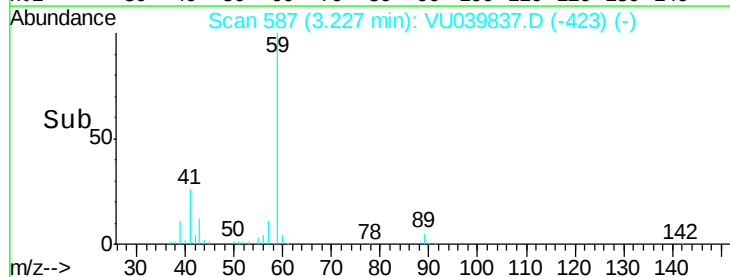
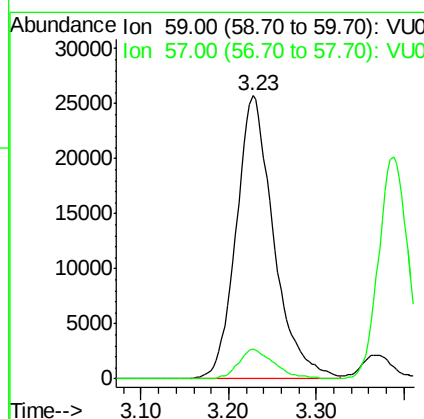
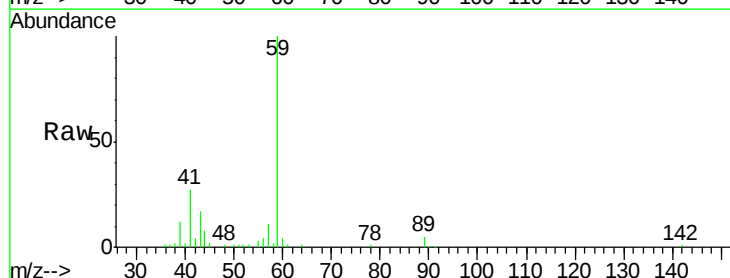
RT: 3.23 min Scan# 587

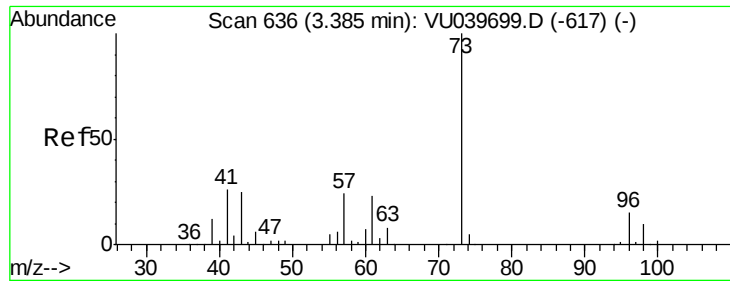
Delta R.T. 0.03 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Tgt Ion:	59	Resp:	76589
Ion	Ratio	Lower	Upper
59	100		
57	10.0	7.8	11.6





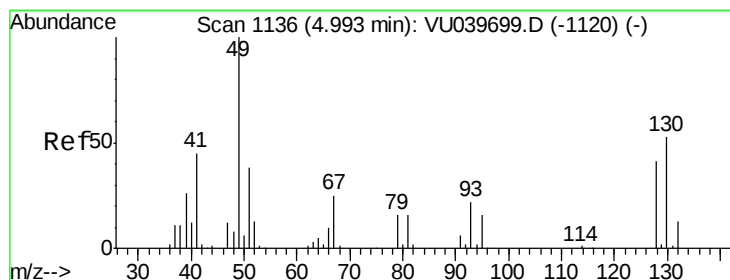
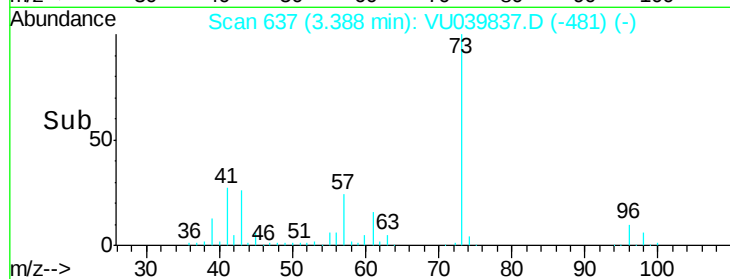
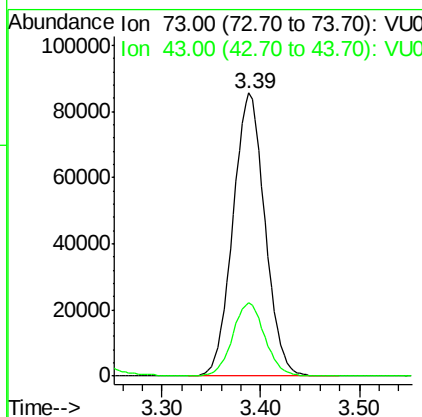
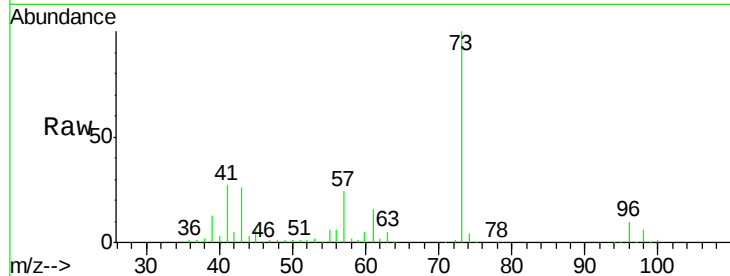
#25
Methyl tert-Butyl Ether
Concen: 9.421 ug/l
RT: 3.39 min Scan# 637
Delta R.T. 0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 73 Resp: 192984
Ion Ratio Lower Upper
73 100
43 25.7 20.1 30.1

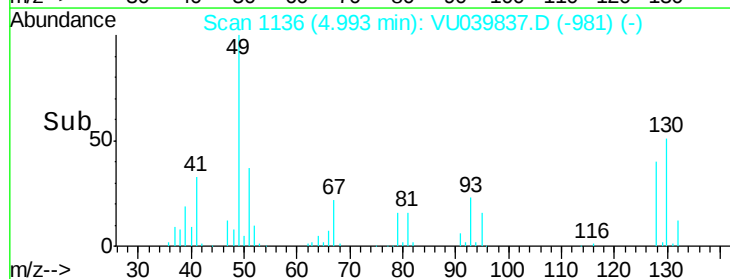
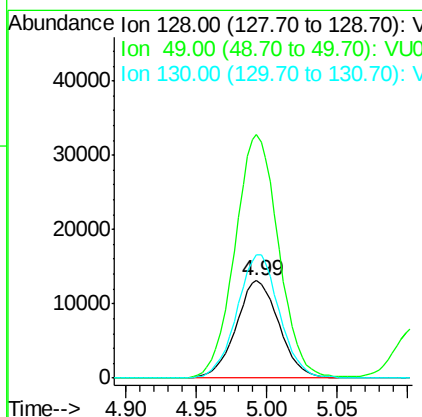
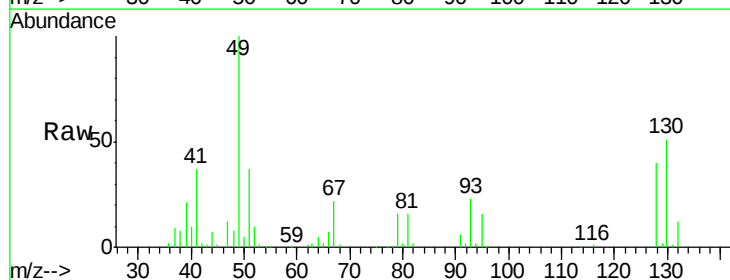
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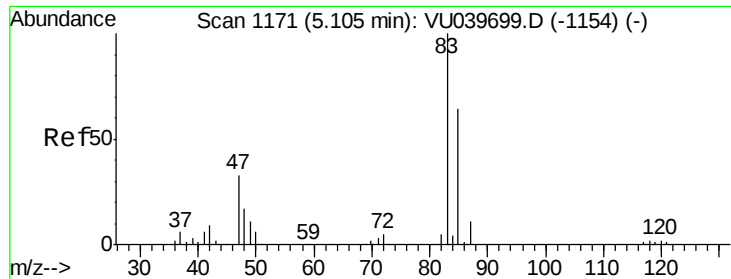
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#26
Bromochloromethane
Concen: 8.866 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion: 128 Resp: 27905
Ion Ratio Lower Upper
128 100
49 253.9 0.0 503.8
130 125.4 102.7 154.1





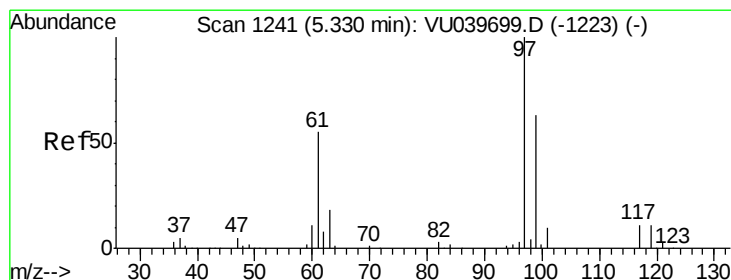
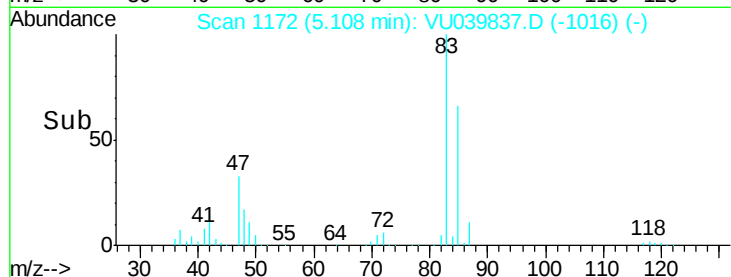
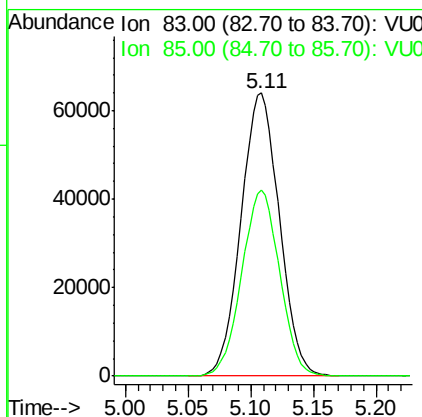
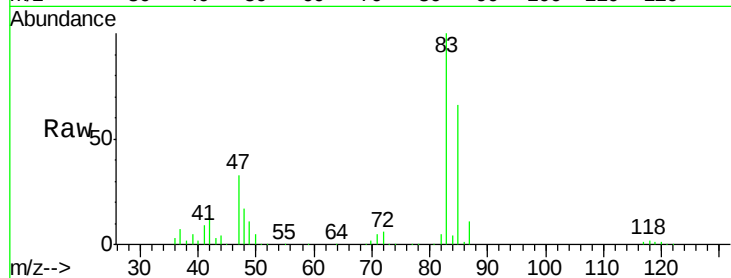
#27
Chloroform
Concen: 9.294 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	136328		
85	65.7	0.0	128.8	

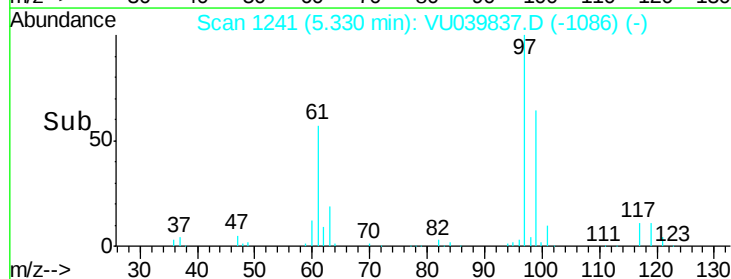
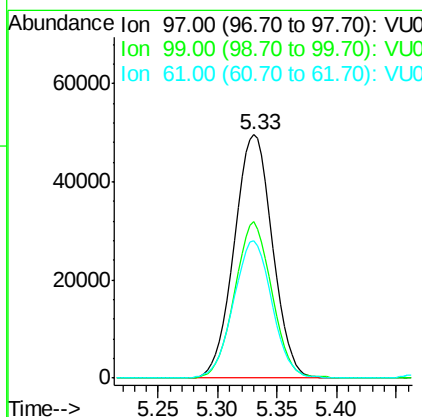
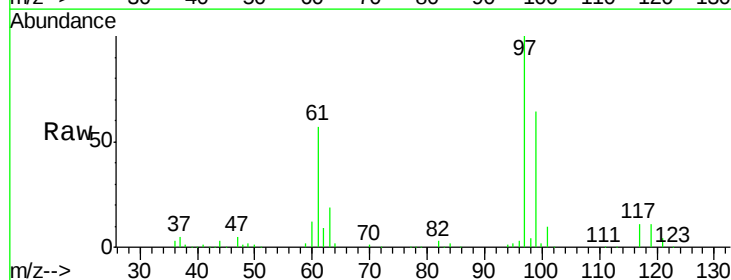
Manual Integrations
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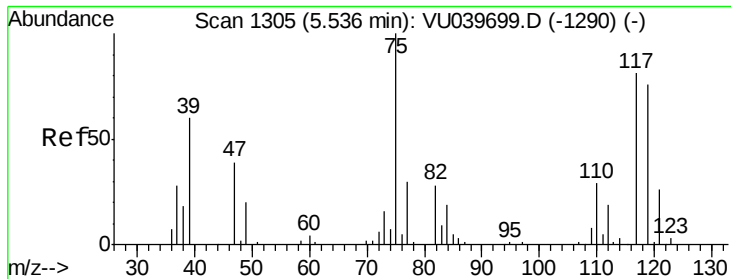
MMDadoda
9/4/2020 7:32:08 PM



#28
1,1,1-Trichloroethane
Concen: 9.314 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	110543		
99	62.3	32.2	96.6	
61	56.8	28.3	85.0	





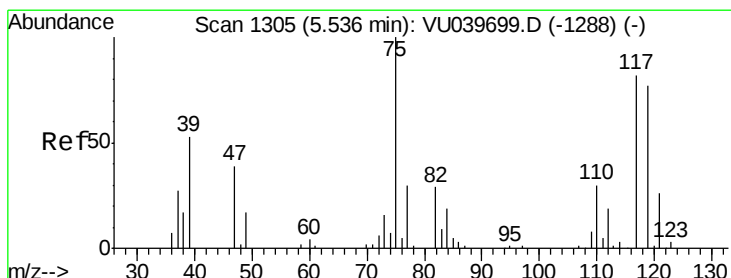
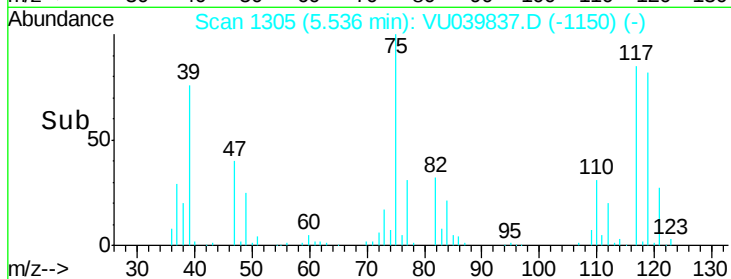
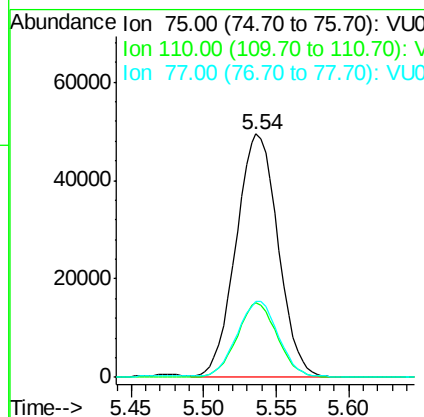
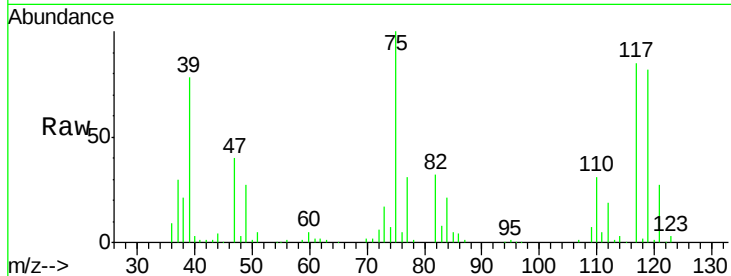
#29
 1,1-Dichloropropene
 Concen: 8.685 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
75	100		
110	29.7	14.6	44.0
77	30.7	25.0	37.4

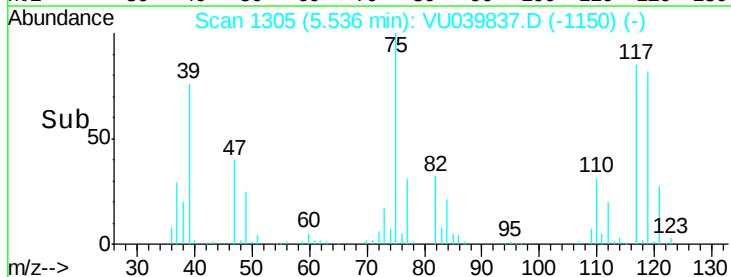
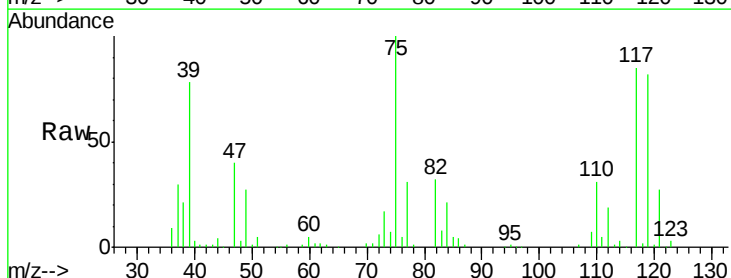
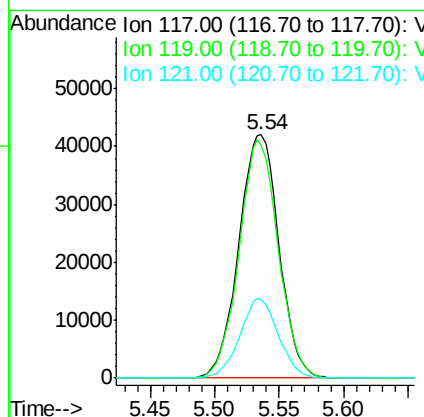
Manual Integrations
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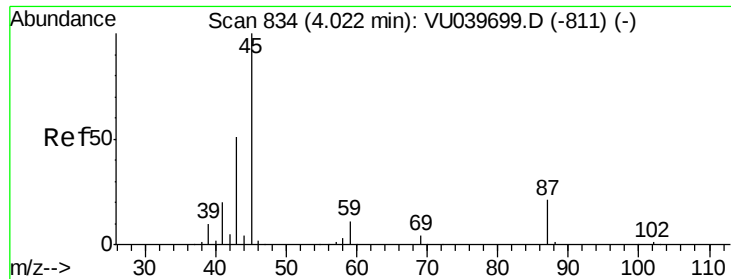
MMDadoda
 9/4/2020 7:32:08 PM



#30
 Carbon Tetrachloride
 Concen: 9.377 ug/l
 RT: 5.54 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.2	112.8
121	32.2	25.4	38.2





#31

Isopropyl Ether

Concen: 9.632 ug/l

RT: 4.02 min Scan# 835

Delta R.T. 0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 45 Resp: 275325

Ion Ratio Lower Upper

45 100

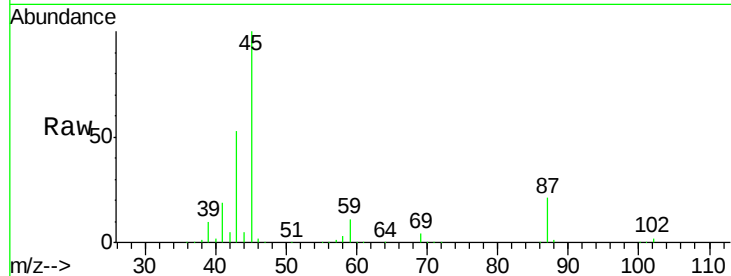
43 52.6 26.5 79.4

Manual Integrations

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Abundance Ion 45.00 (44.70 to 45.70): VU039699.D (-811) (-)

Ion 43.00 (42.70 to 43.70): VU039699.D (-811) (-)

4.02

120000

100000

80000

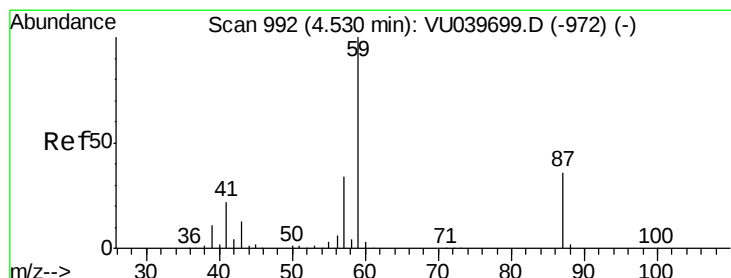
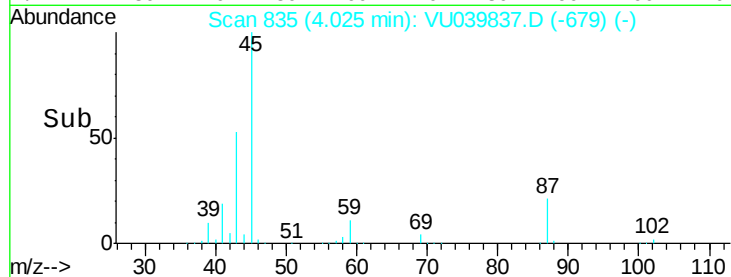
60000

40000

20000

0

Time-->



#32

Ethyl-t-butyl ether

Concen: 9.339 ug/l

RT: 4.53 min Scan# 993

Delta R.T. 0.00 min

Lab File: VU039837.D

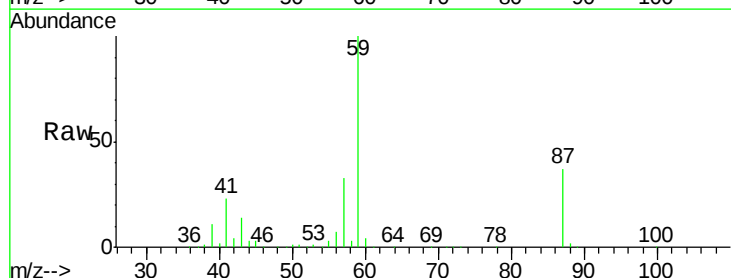
Acq: 12 Aug 2020 10:22

Tgt Ion: 59 Resp: 227185

Ion Ratio Lower Upper

59 100

87 37.3 29.4 44.0



Abundance Ion 59.00 (58.70 to 59.70): VU039699.D (-972) (-)

Ion 87.00 (86.70 to 87.70): VU039699.D (-972) (-)

4.53

100000

80000

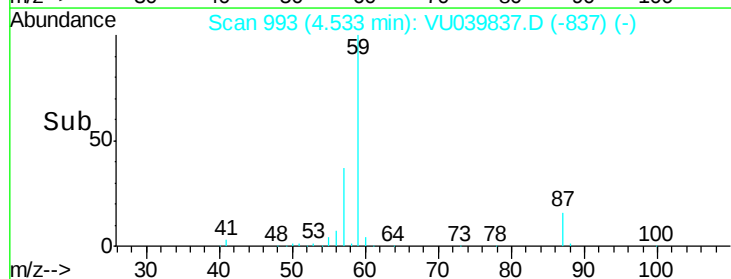
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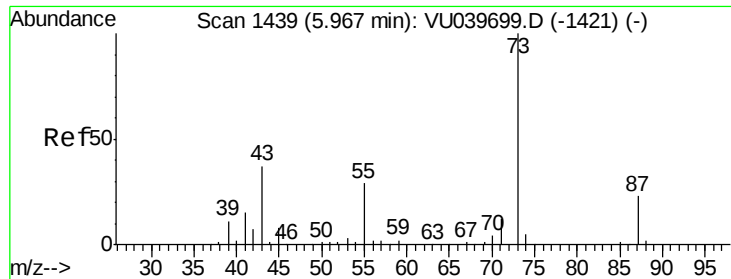
40000

20000

0

Time-->





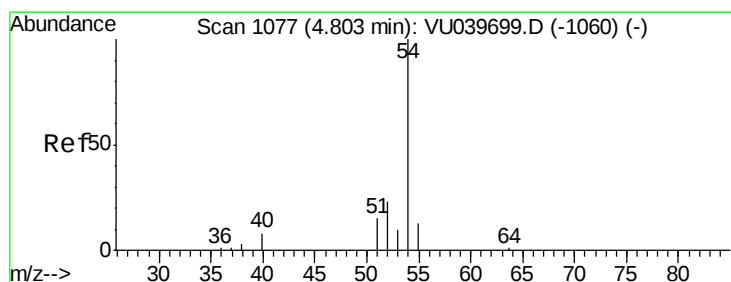
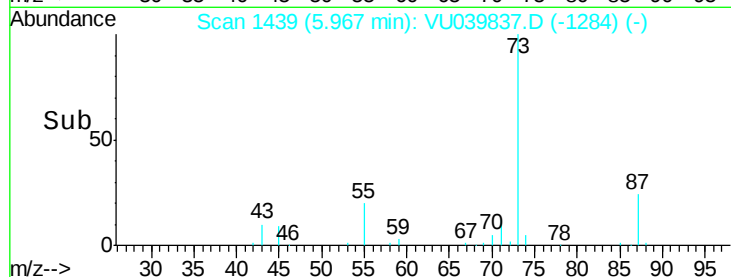
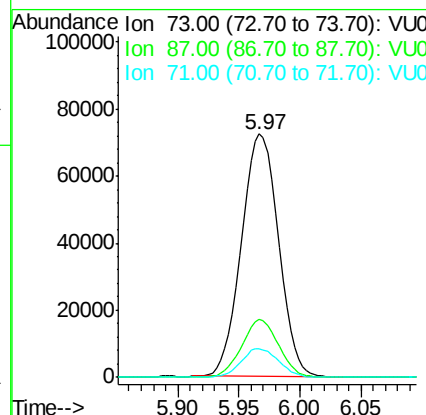
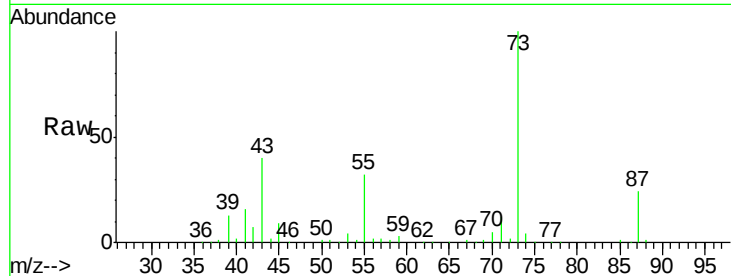
#33
Tert-Amyl methyl ether
Concen: 8.660 ug/l
RT: 5.97 min Scan# 1439
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
73	100		
87	23.5	18.7	28.1
71	12.0	9.1	13.7

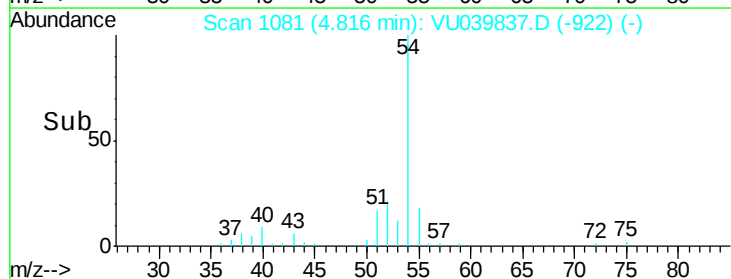
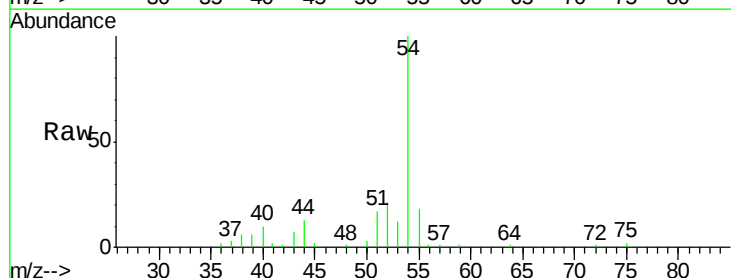
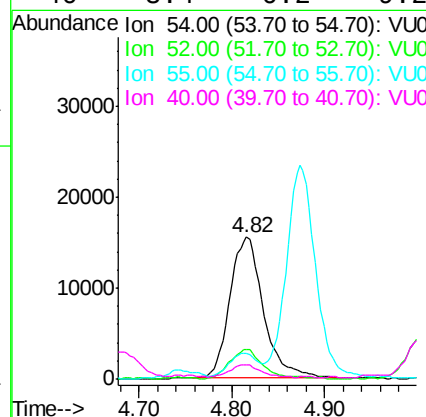
Manual Integrations
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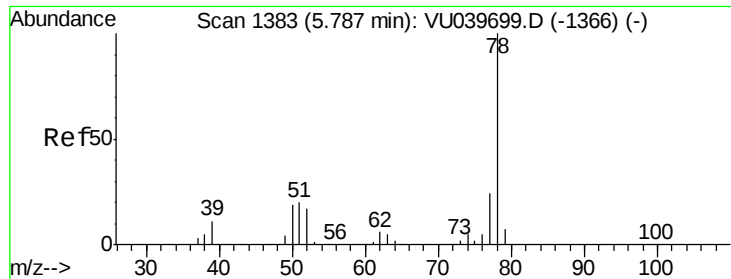
MMDadoda
9/4/2020 7:32:08 PM



#34
Propionitrile
Concen: 45.300 ug/l
RT: 4.82 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.3	16.9	25.3
55	15.7	12.9	19.3
40	8.4	6.2	9.2





#35

Benzene

Concen: 9.692 ug/l

RT: 5.79 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 78 Resp: 273994

Ion Ratio Lower Upper

78 100

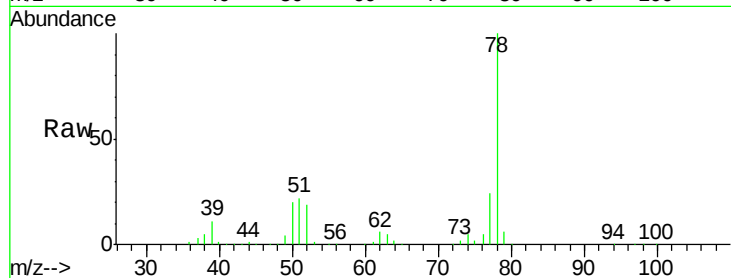
77 24.4 19.2 28.8

Manual Integrations

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Abundance Ion 78.10 (77.80 to 78.80): VU039837.D (-1228) (-)

Ion 77.00 (76.70 to 77.70): VU039837.D (-1228) (-)

5.79

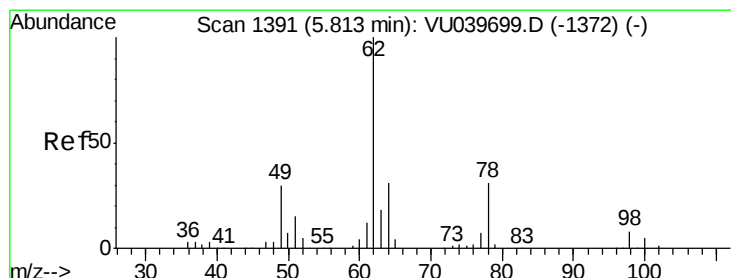
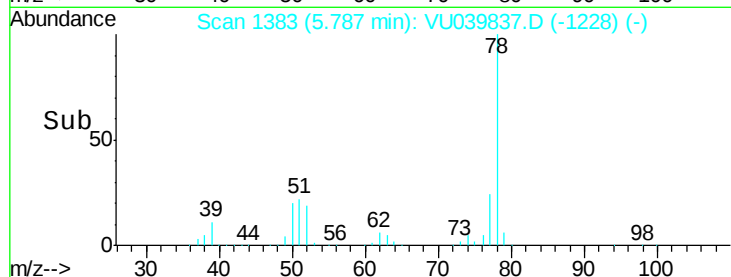
150000

100000

50000

0

Time-->



#36

1,2-Dichloroethane

Concen: 9.161 ug/l

RT: 5.81 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VU039837.D

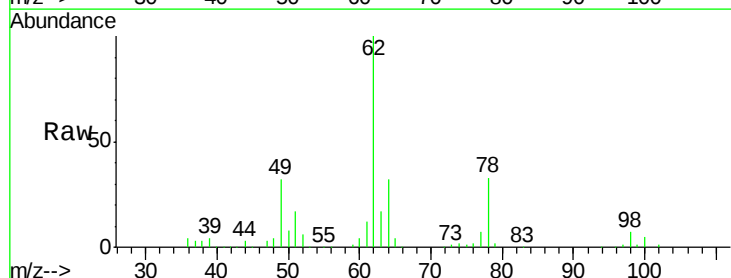
Acq: 12 Aug 2020 10:22

Tgt Ion: 62 Resp: 97083

Ion Ratio Lower Upper

62 100

98 7.4 6.2 9.2



Abundance Ion 62.00 (61.70 to 62.70): VU039837.D (-1236) (-)

Ion 98.00 (97.70 to 98.70): VU039837.D (-1236) (-)

5.81

50000

40000

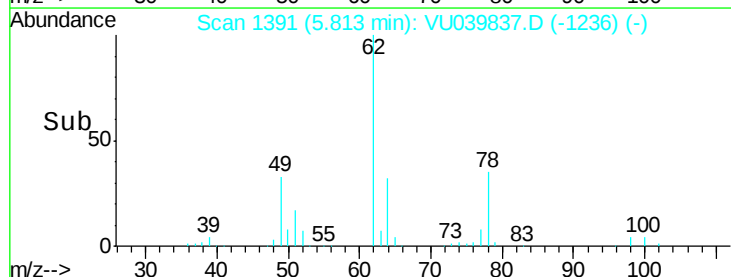
30000

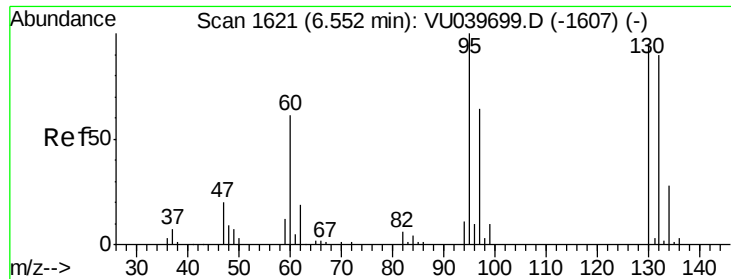
20000

10000

0

Time-->





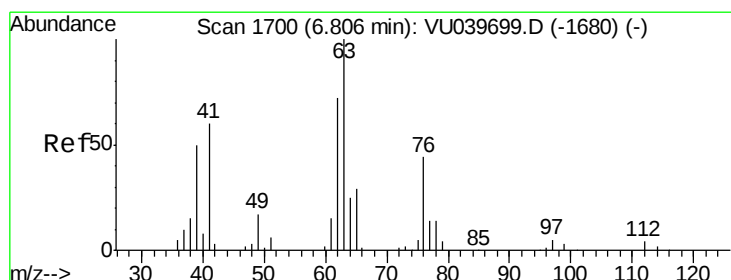
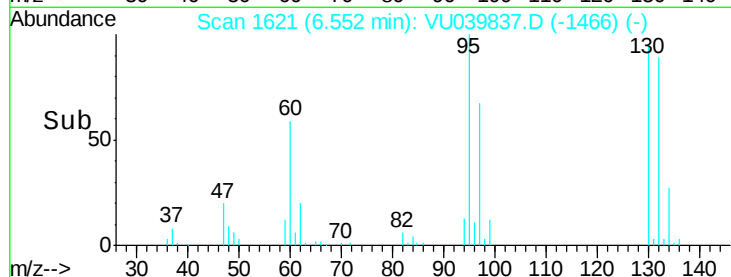
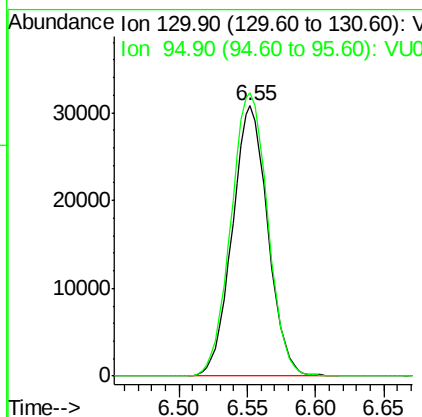
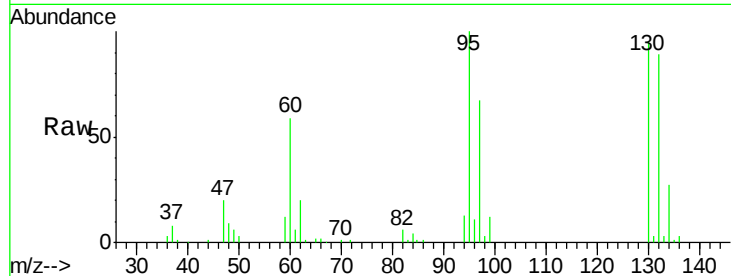
#37
 Trichloroethene
 Concen: 8.618 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 130 Resp: 55740
 Ion Ratio Lower Upper
 130 100
 95 104.8 84.3 126.5

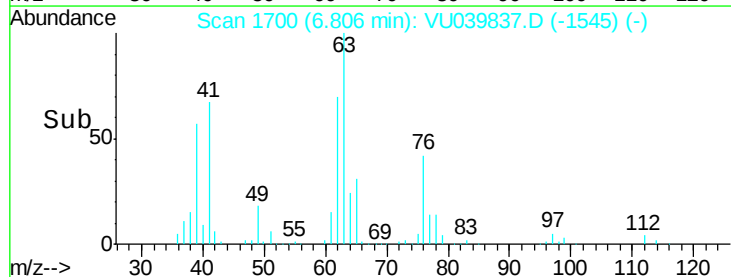
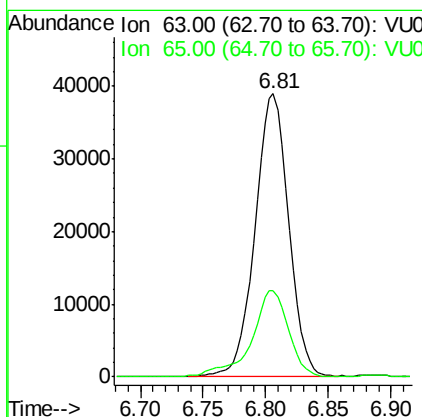
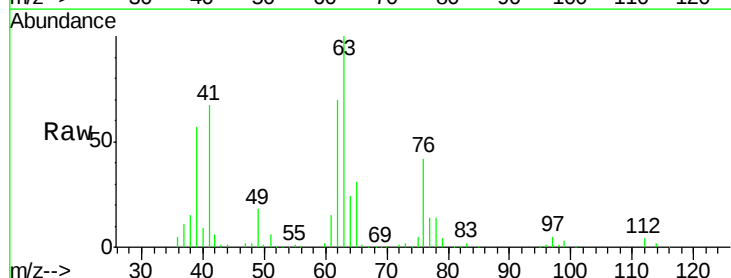
Manual Integrations
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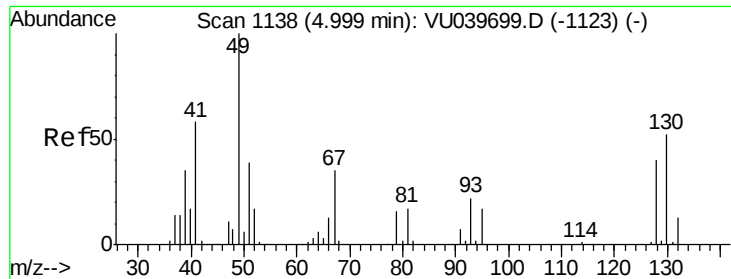
MMDadoda
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#38
 1,2-Dichloropropane
 Concen: 9.357 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion: 63 Resp: 72905
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.8 35.6





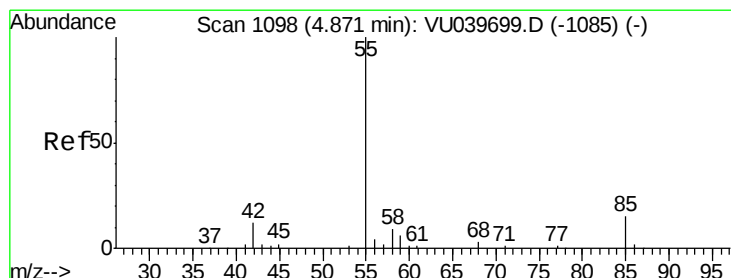
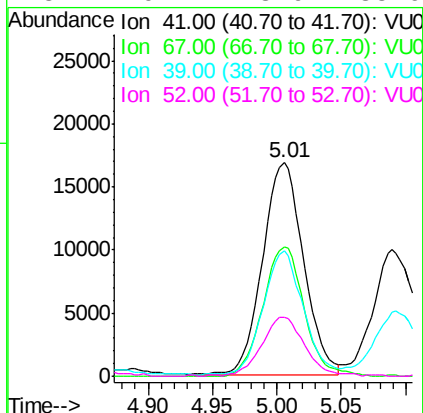
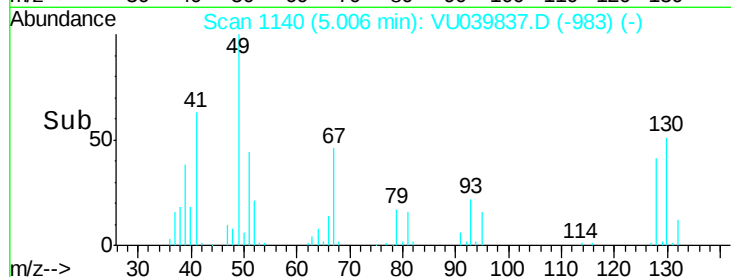
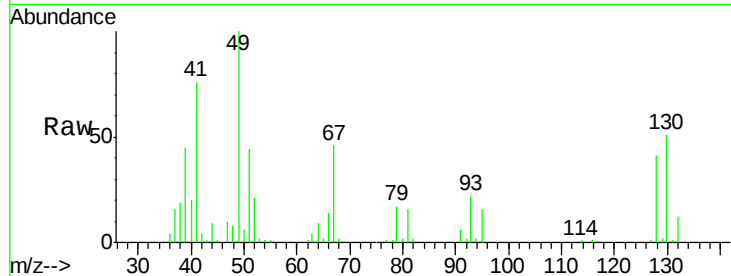
#39
Methacrylonitrile
Concen: 8.187 ug/l
RT: 5.01 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
41	100		
67	61.6	48.3	72.5
39	57.1	47.6	71.4
52	29.2	23.9	35.9

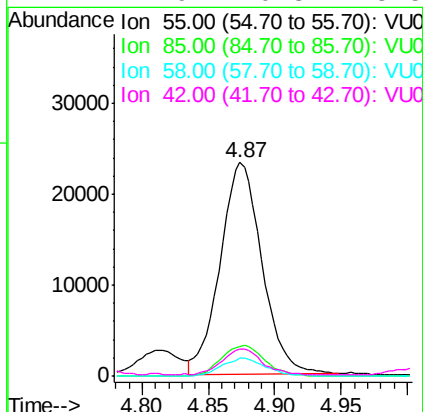
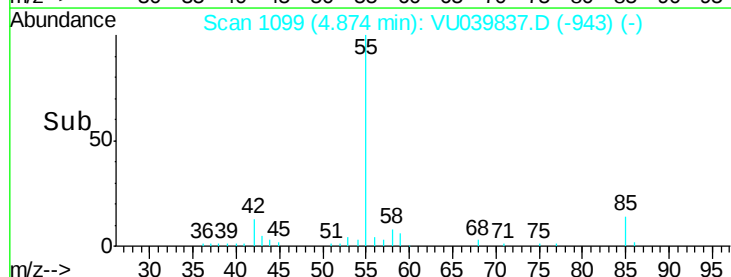
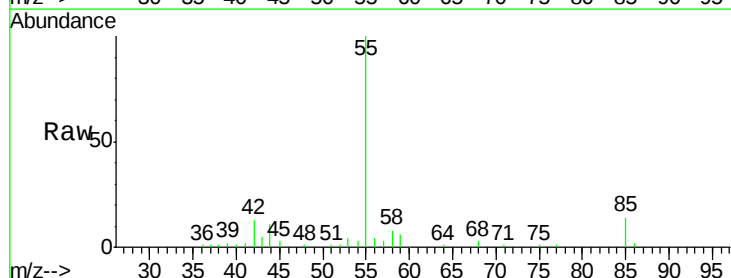
Manual Integrations
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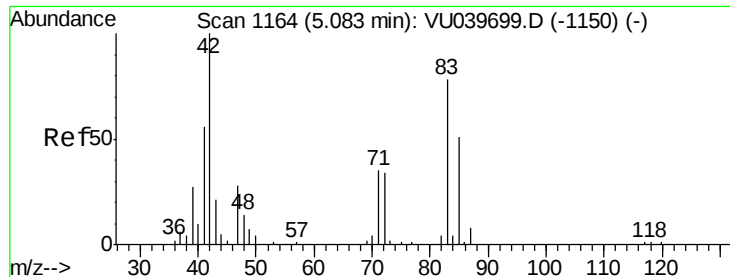
MMDadoda
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#40
Methyl acrylate
Concen: 8.727 ug/l
RT: 4.87 min Scan# 1099
Delta R.T. 0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
55	100		
85	14.7	11.4	17.0
58	8.8	7.4	11.0
42	11.9	10.3	15.5





#41

Tetrahydrofuran

Concen: 16.440 ug/l

RT: 5.09 min Scan# 1167

Delta R.T. 0.01 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

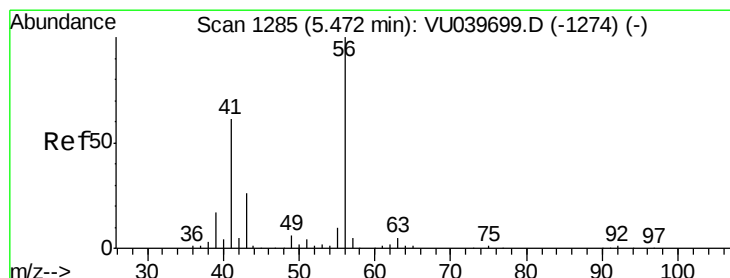
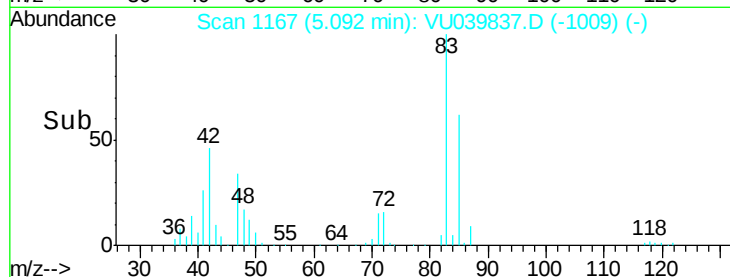
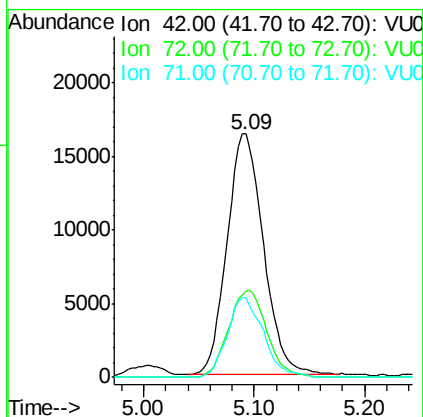
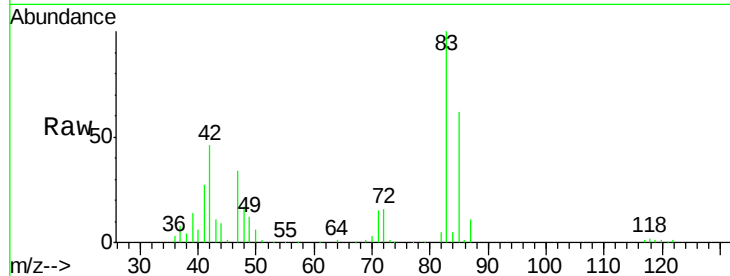
ClientSampleId :

VSTDCCC010

Tgt Ion:	42	Resp:	37491
Ion Ratio	Lower	Upper	
42	100		
72	37.6	31.0	46.6
71	33.0	28.2	42.4

Manual Integrations
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#42

1-Chlorobutane

Concen: 8.828 ug/l

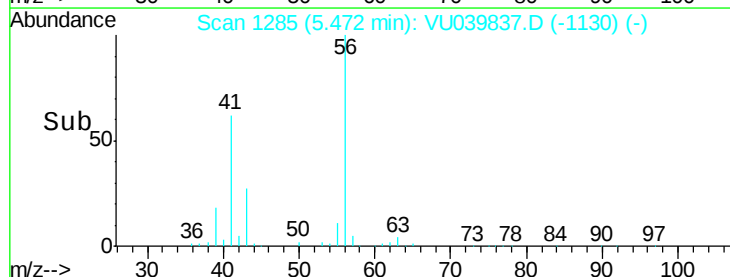
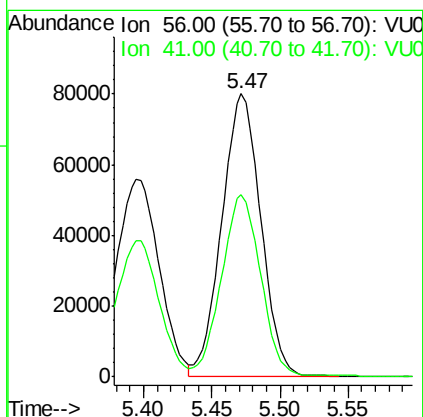
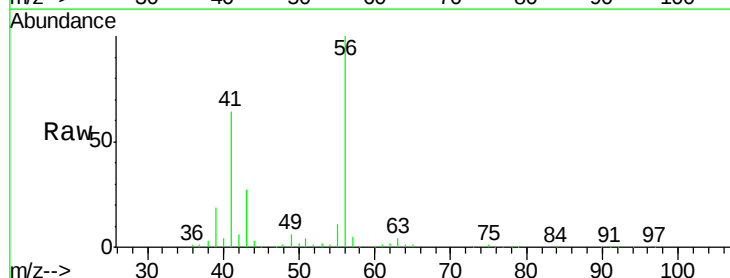
RT: 5.47 min Scan# 1285

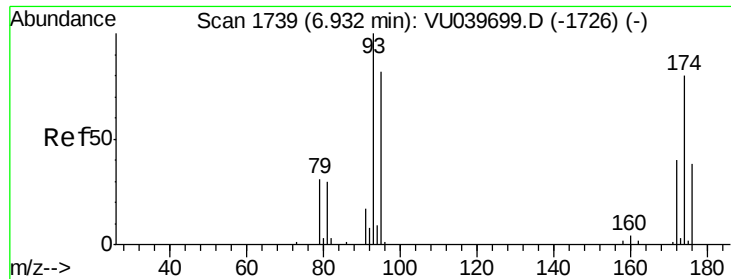
Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Tgt Ion:	56	Resp:	158352
Ion Ratio	Lower	Upper	
56	100		
41	63.6	30.5	91.5





#43

Dibromomethane

Concen: 8.874 ug/l

RT: 6.93 min Scan# 1739

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

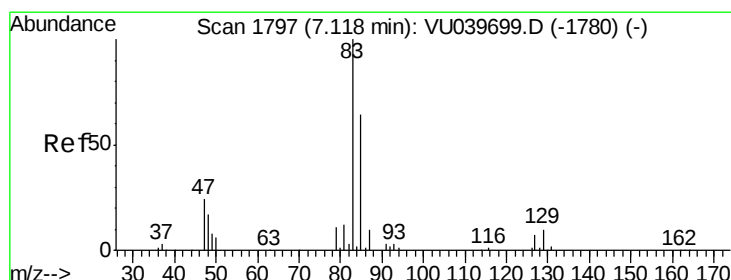
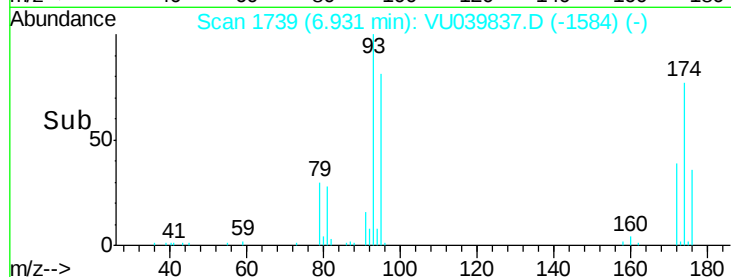
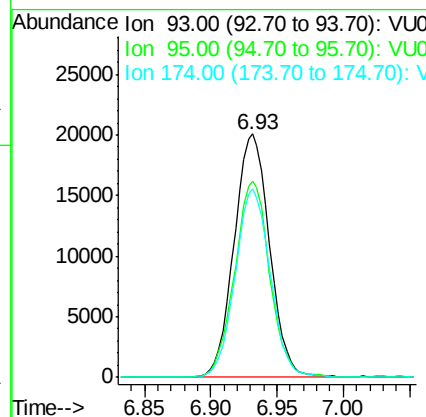
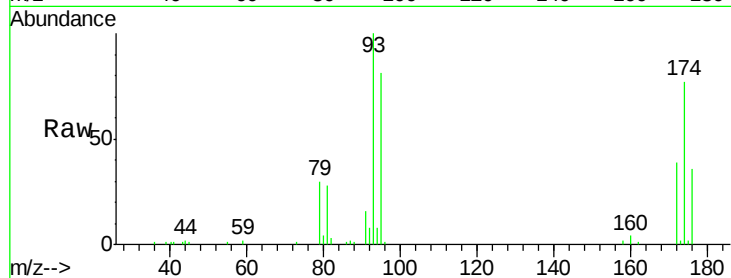
ClientSampleId :

VSTDCCC010

Tgt Ion:	93	Resp:	37206
Ion Ratio	Lower	Upper	
93	100		
95	80.2	66.6	99.8
174	76.9	62.7	94.1

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#44

Bromodichloromethane

Concen: 9.553 ug/l

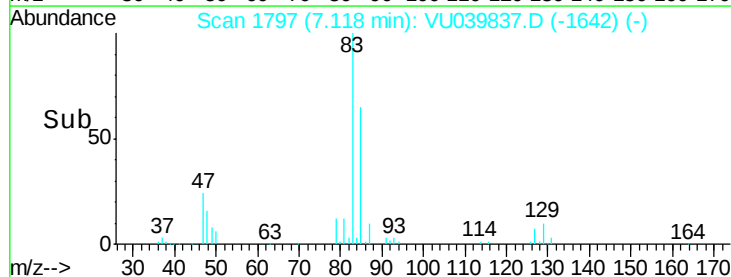
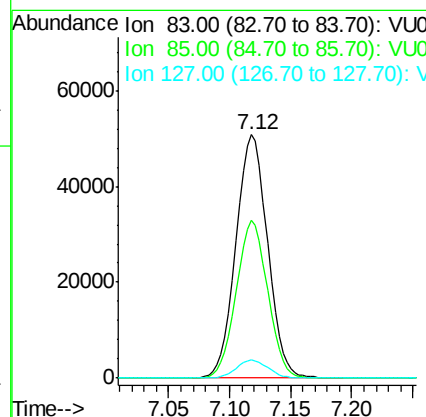
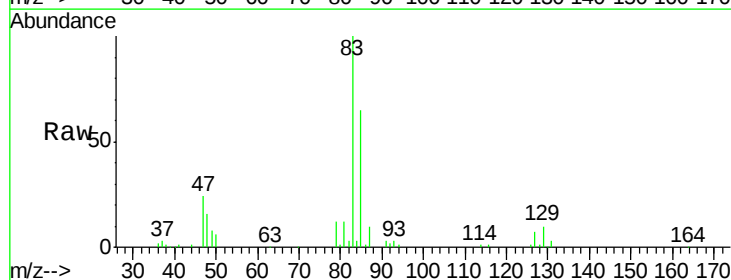
RT: 7.12 min Scan# 1797

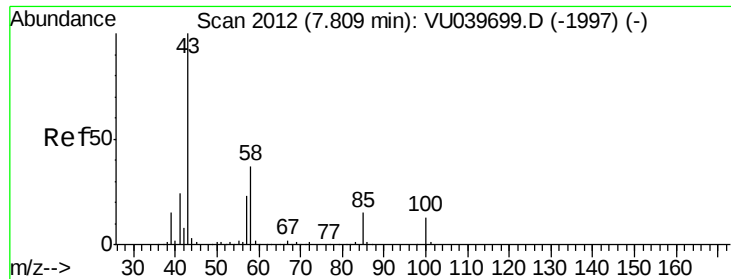
Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Tgt Ion:	83	Resp:	91841
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.8	76.2
127	7.3	5.8	8.6





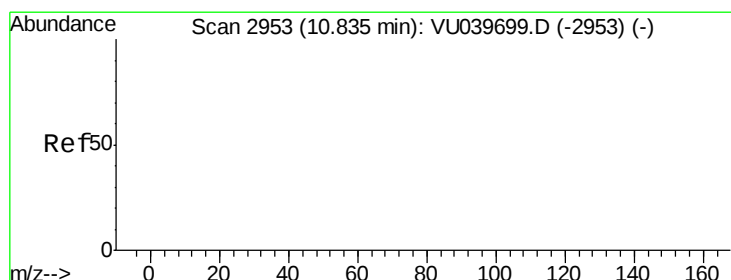
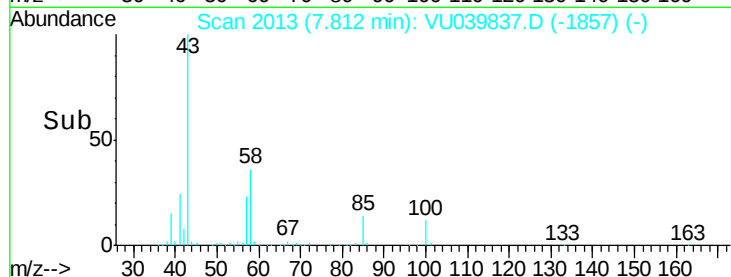
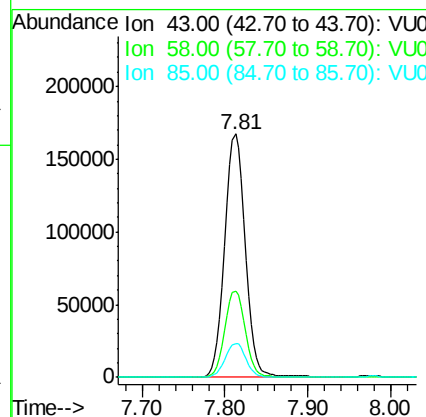
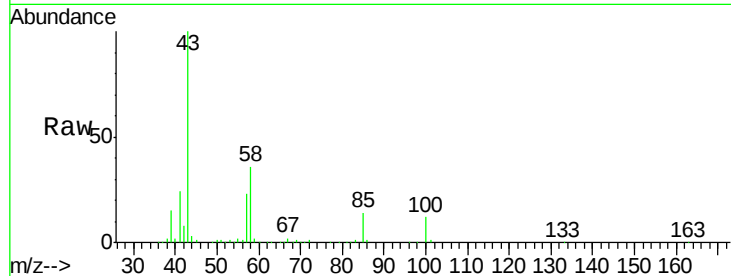
#45
4-Methyl-2-Pentanone
Concen: 45.296 ug/l
RT: 7.81 min Scan# 2013
Delta R.T. 0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:	43	Resp:	287700
Ion	Ratio	Lower	Upper
43	100		
58	35.4	18.4	55.0
85	14.1	11.8	17.6

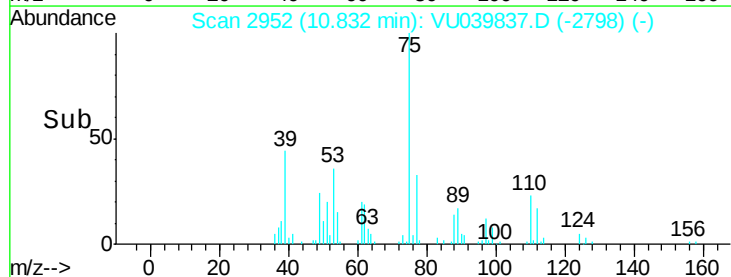
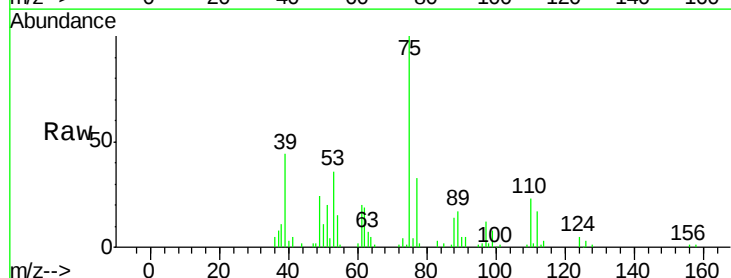
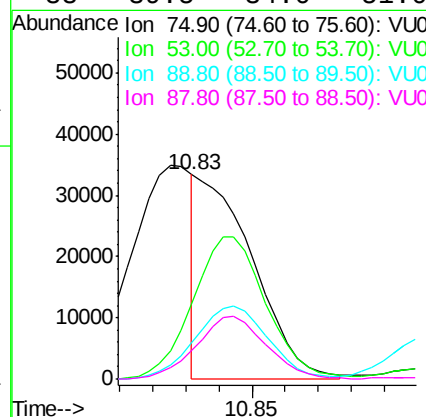
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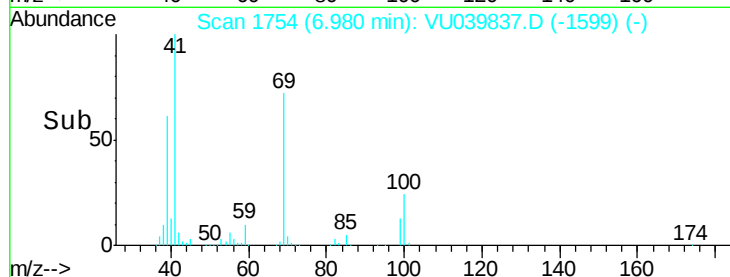
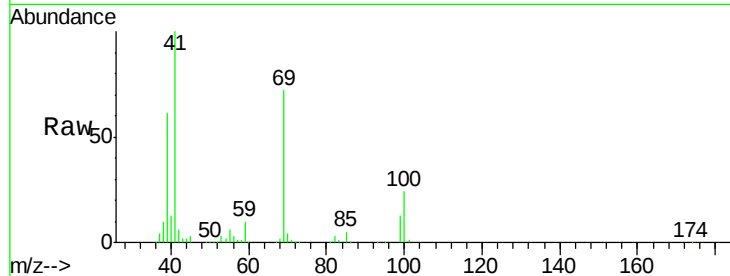
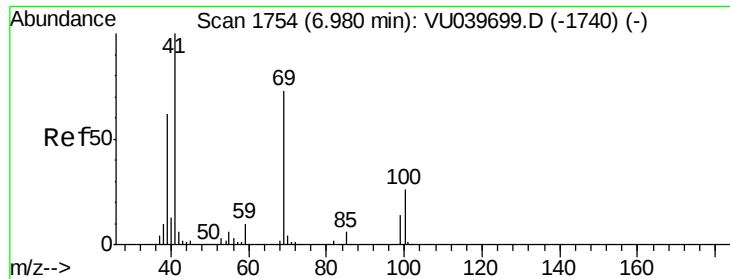
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#46
t-1,4-Dichloro-2-butene
Concen: 20.337 ug/l m
RT: 10.83 min Scan# 2952
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

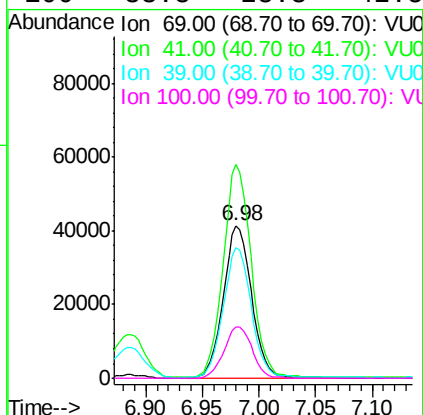
Tgt Ion:	75	Resp:	38420
Ion	Ratio	Lower	Upper
75	100		
53	93.4	78.6	118.0
89	47.6	40.3	60.5
88	39.5	34.0	51.0





#47
Methyl methacrylate
Concen: 18.412 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

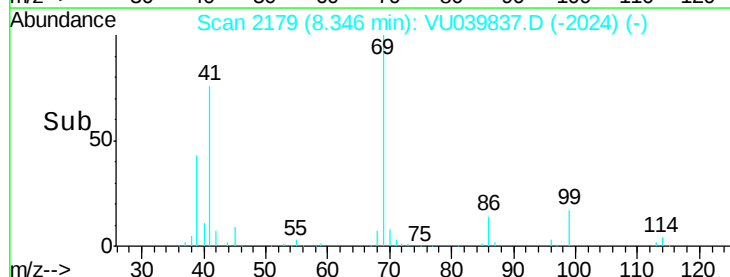
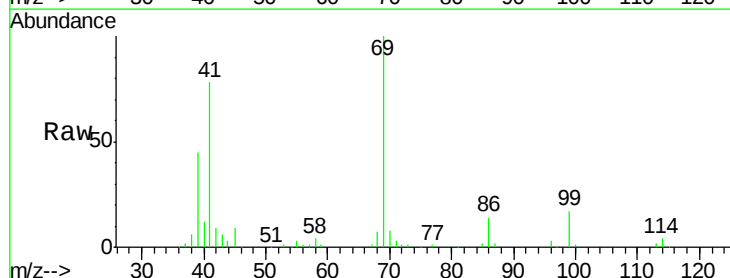
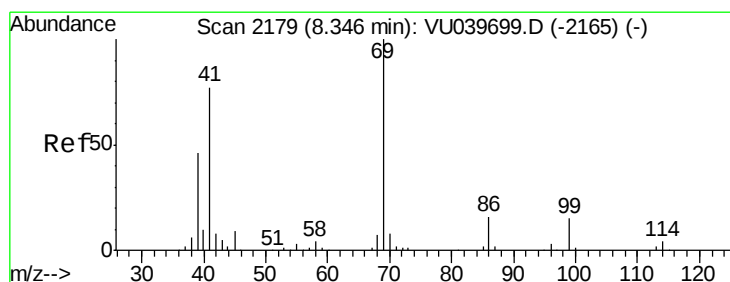
Tgt Ion	Ratio	Lower	Upper
69	100		
41	138.3	0.0	271.6
39	84.2	67.4	101.2
100	33.8	28.3	42.5



Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

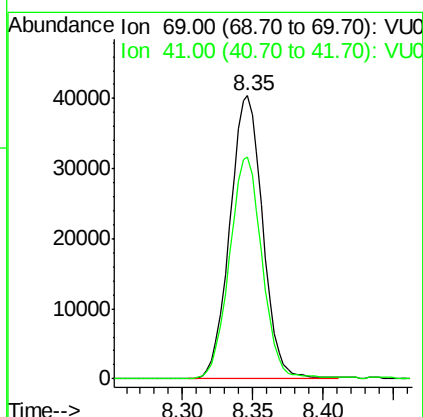
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#48
Ethyl methacrylate
Concen: 9.150 ug/l
RT: 8.35 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.1	39.1	117.5





#49

Toluene

Concen: 9.027 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 92 Resp: 151897

Ion Ratio Lower Upper

92 100

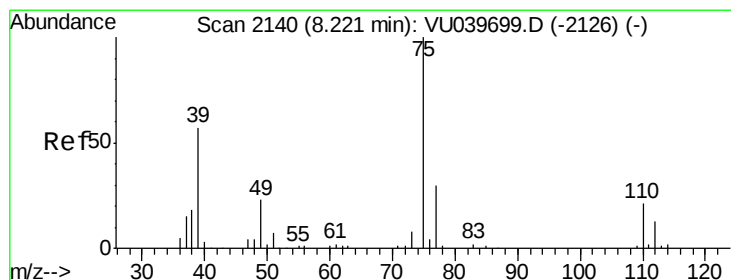
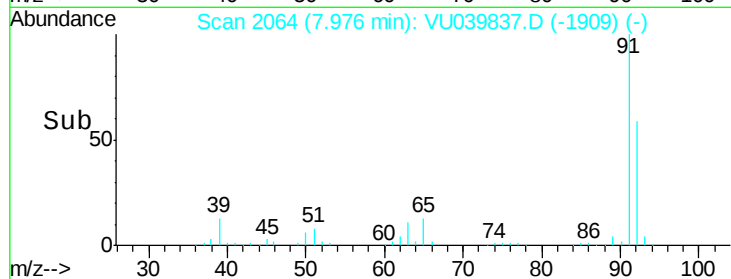
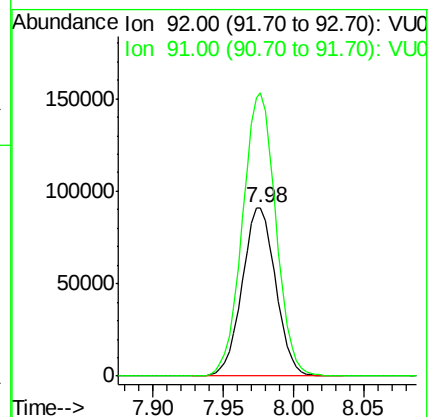
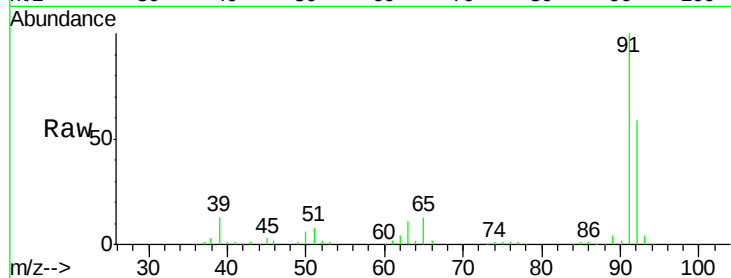
91 167.4 136.1 204.1

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#50

t-1,3-Dichloropropene

Concen: 9.761 ug/l

RT: 8.22 min Scan# 2140

Delta R.T. -0.00 min

Lab File: VU039837.D

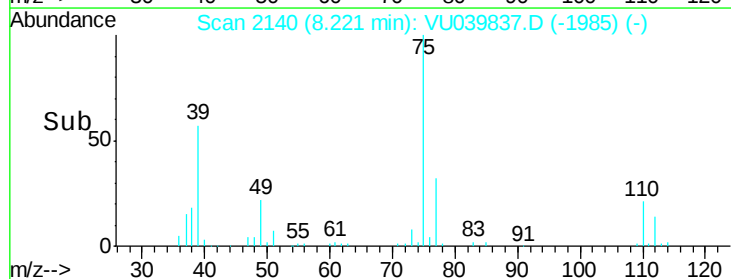
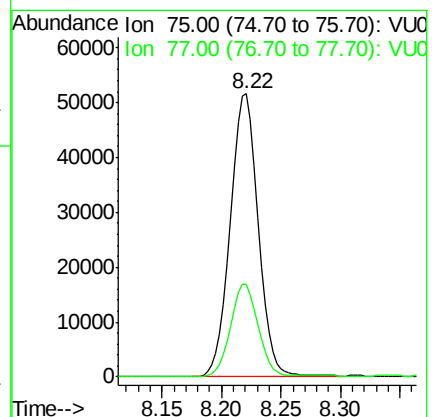
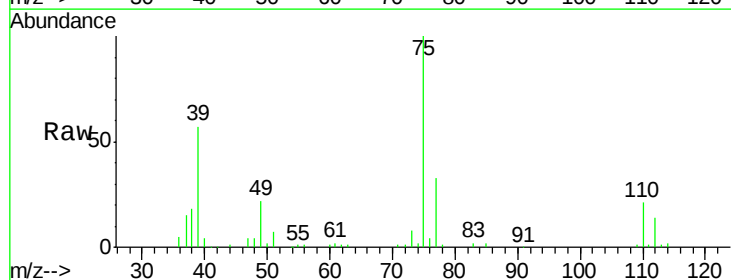
Acq: 12 Aug 2020 10:22

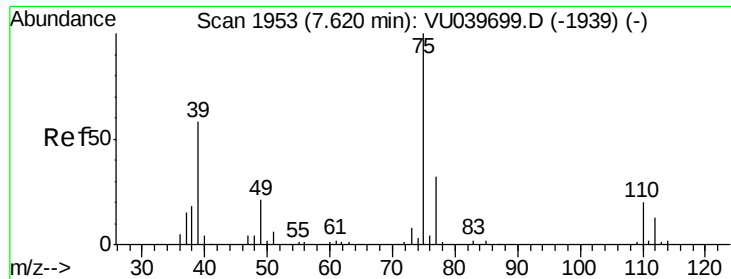
Tgt Ion: 75 Resp: 84513

Ion Ratio Lower Upper

75 100

77 32.6 24.3 36.5





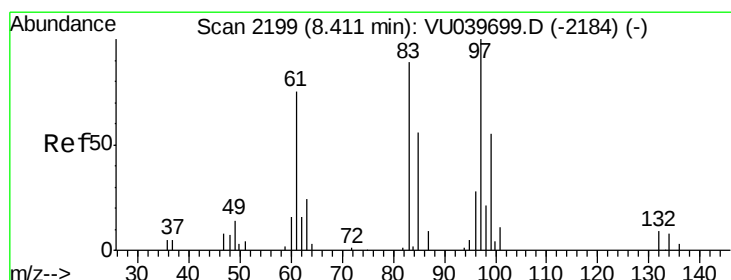
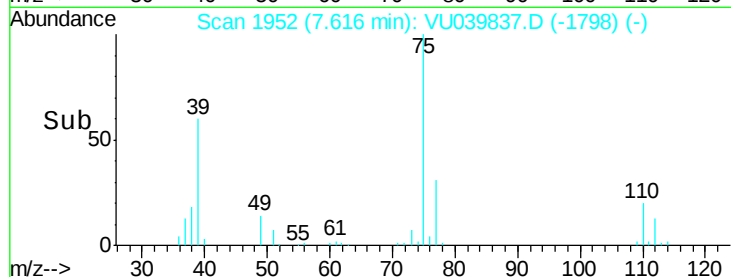
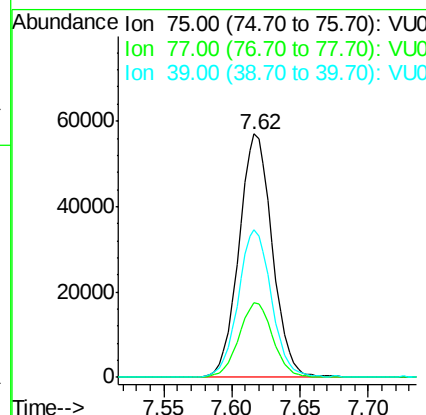
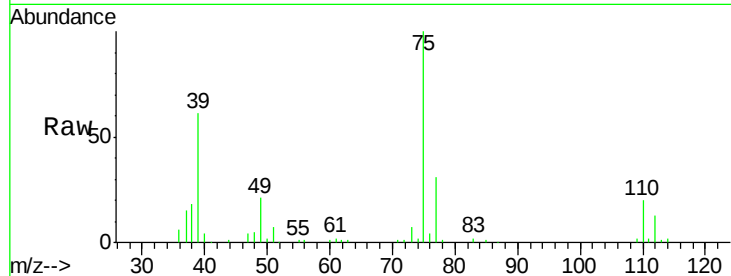
#51
 cis-1,3-Dichloropropene
 Concen: 9.497 ug/l
 RT: 7.62 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.7	38.5
39	60.6	46.1	69.1

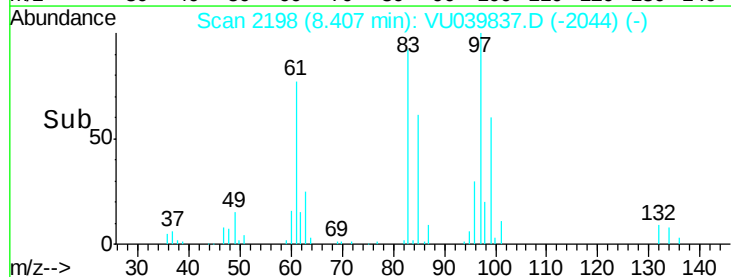
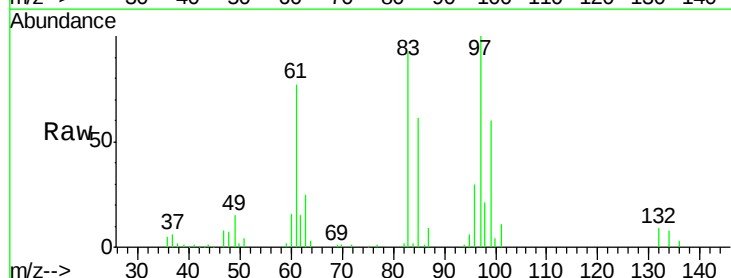
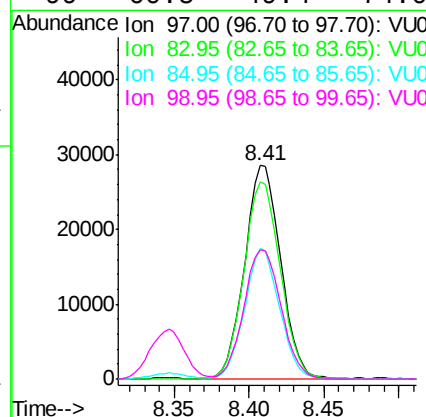
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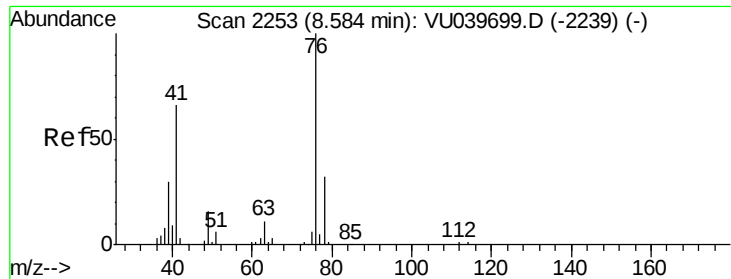
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#52
 1,1,2-Trichloroethane
 Concen: 8.842 ug/l
 RT: 8.41 min Scan# 2198
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.3	71.3	106.9
85	61.1	45.4	68.2
99	60.5	49.4	74.0





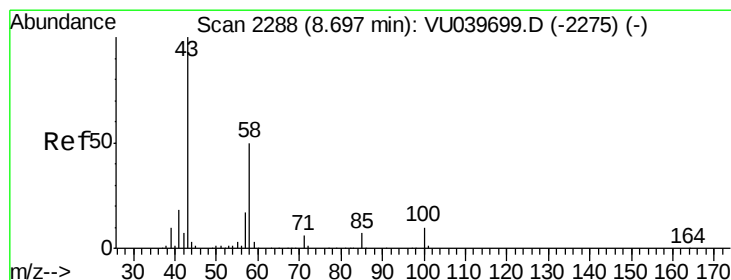
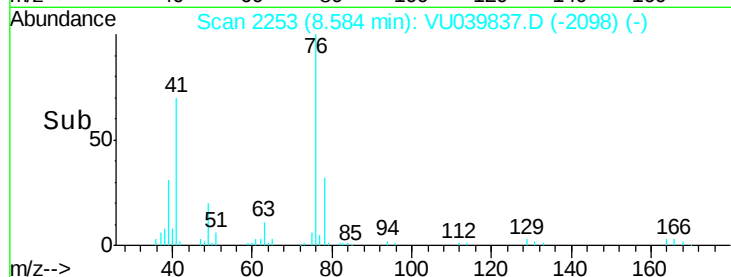
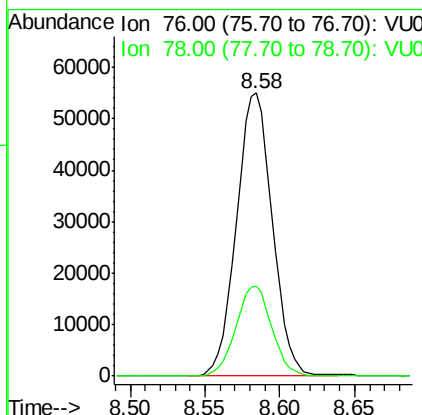
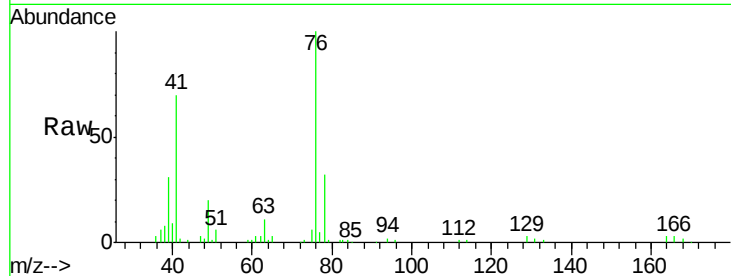
#53
 1,3-Dichloropropane
 Concen: 8.785 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 76 Resp: 91887
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.4 38.2

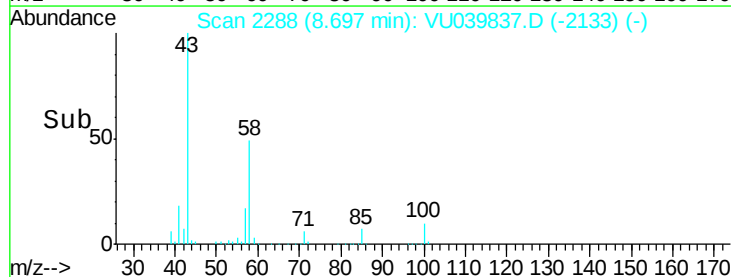
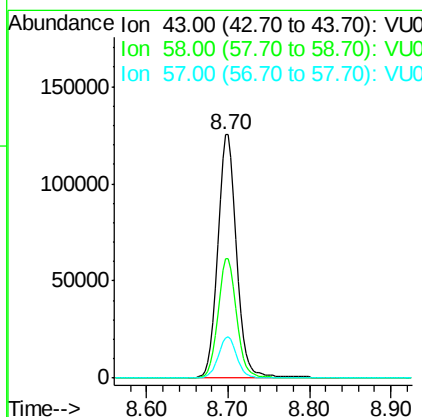
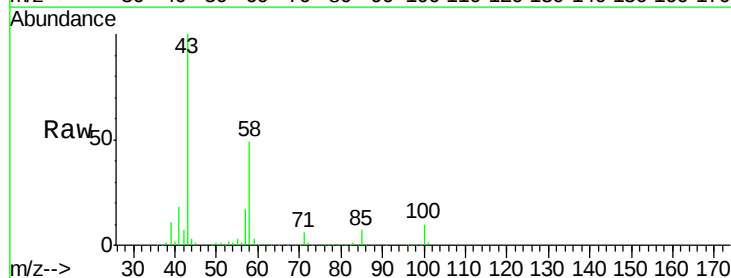
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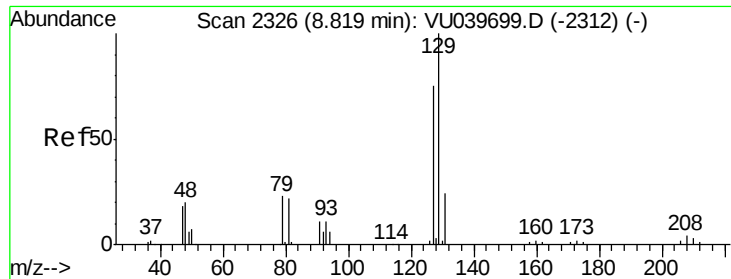
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#54
 2-Hexanone
 Concen: 45.390 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion: 43 Resp: 206414
 Ion Ratio Lower Upper
 43 100
 58 48.8 29.9 69.9
 57 16.7 0.0 37.2





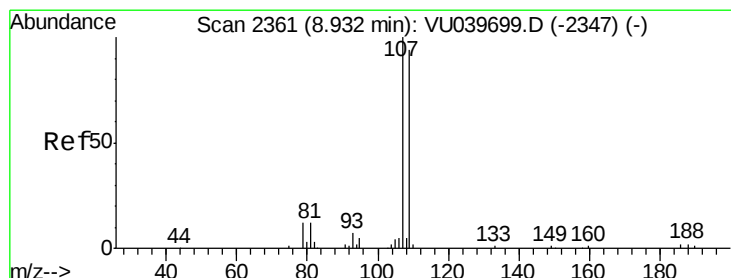
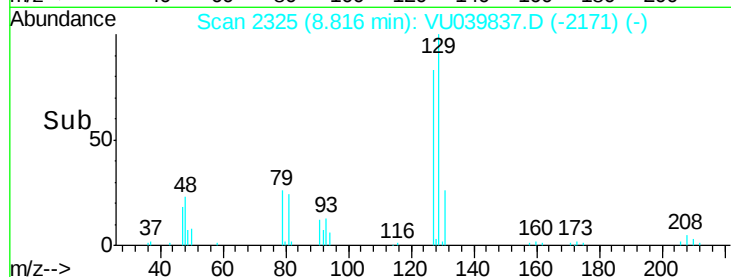
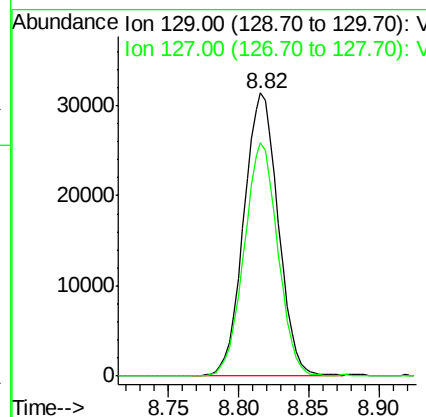
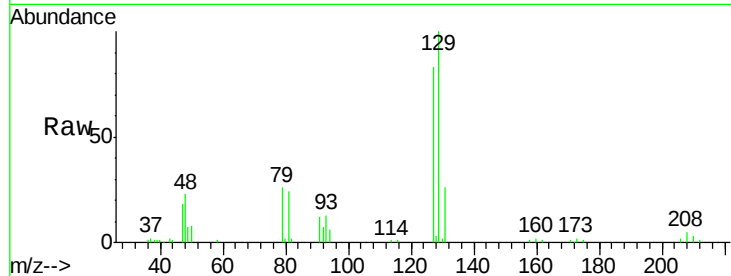
#55
 Dibromochloromethane
 Concen: 9.189 ug/l
 RT: 8.82 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
129	100		
127	80.4	62.4	93.6

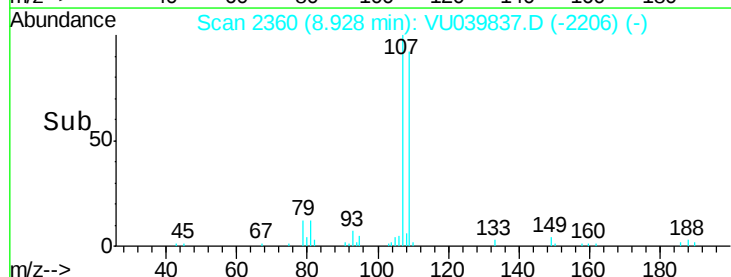
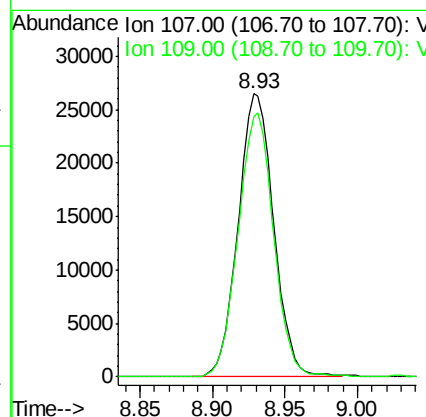
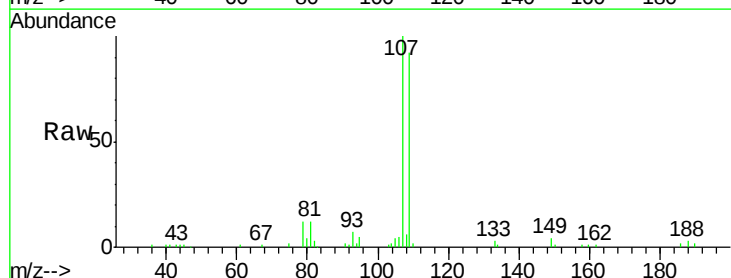
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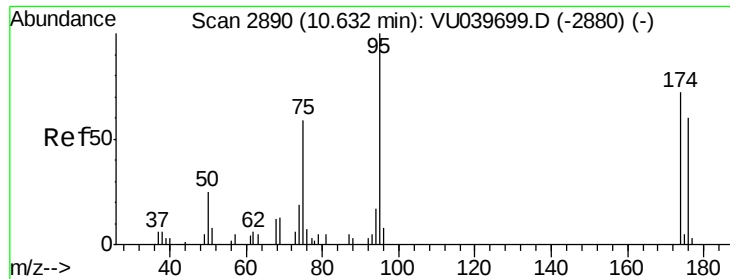
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#56
 1,2-Dibromoethane
 Concen: 8.596 ug/l
 RT: 8.93 min Scan# 2360
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.0	0.0	185.2





#57

4-Bromofluorobenzene

Concen: 1.099 ug/l

RT: 10.63 min Scan# 2889

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

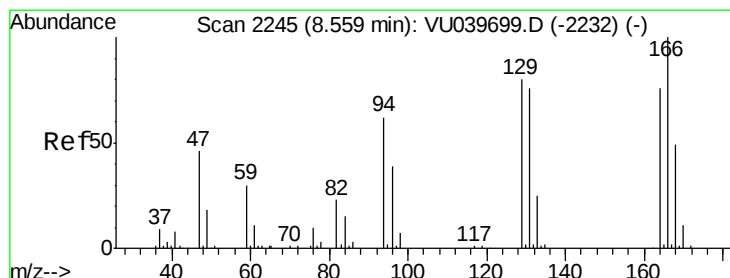
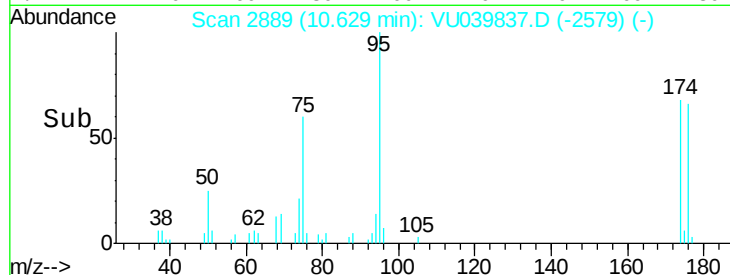
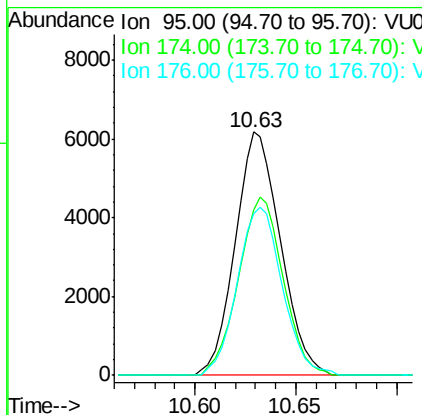
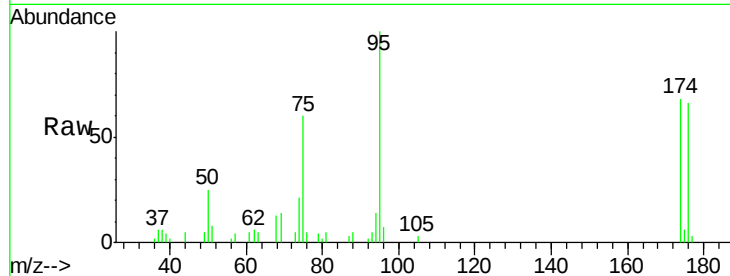
ClientSampleId :

VSTDCCC010

Tgt Ion:	95	Resp:	9709
Ion Ratio	Lower	Upper	
95	100		
174	72.1	57.0	85.4
176	68.6	50.2	75.2

Manual Integrations
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#58

Tetrachloroethene

Concen: 9.256 ug/l

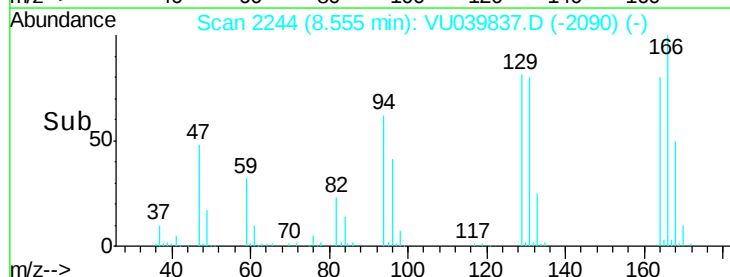
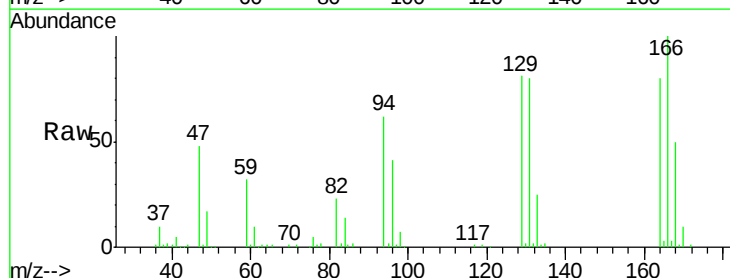
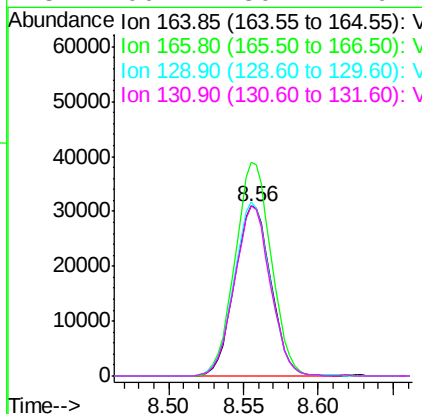
RT: 8.56 min Scan# 2244

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Tgt Ion:	164	Resp:	52411
Ion Ratio	Lower	Upper	
164	100		
166	125.6	104.8	157.2
129	102.0	84.1	126.1
131	100.1	80.1	120.1





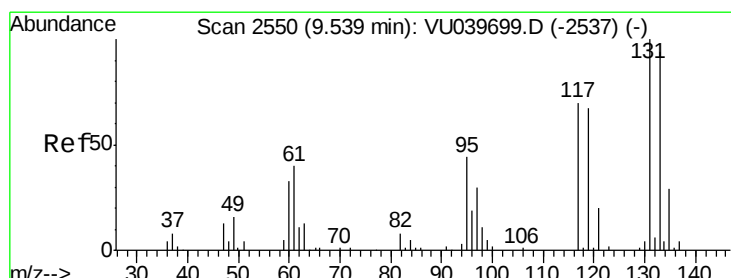
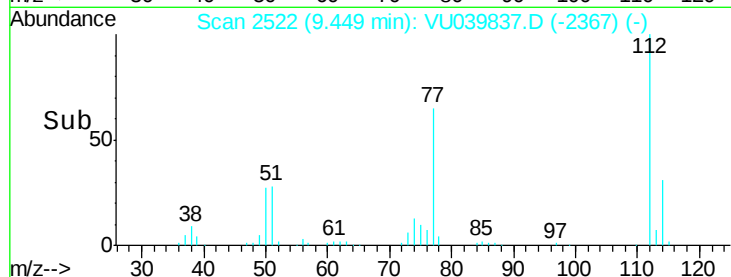
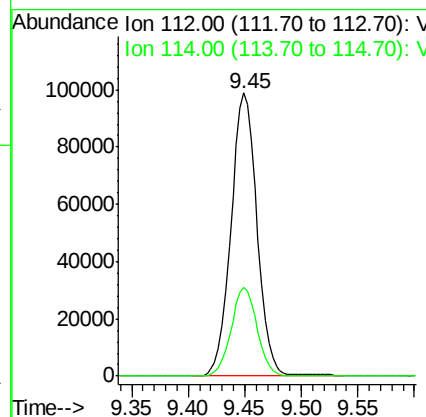
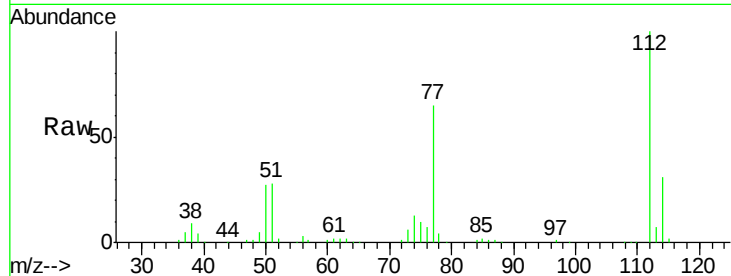
#59
Chlorobenzene
Concen: 9.099 ug/l
RT: 9.45 min Scan# 2522
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010

Tgt Ion:112 Resp: 158325
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.6

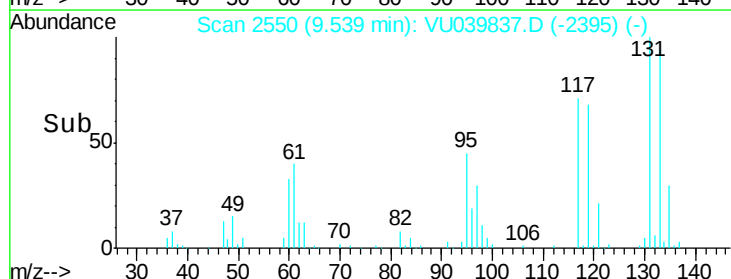
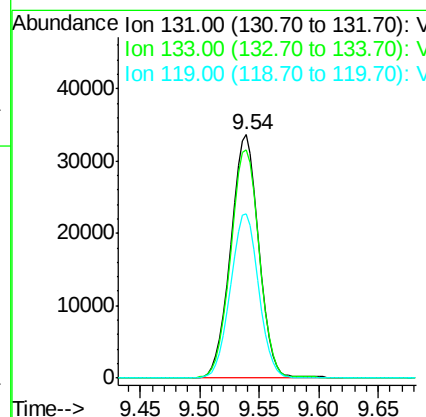
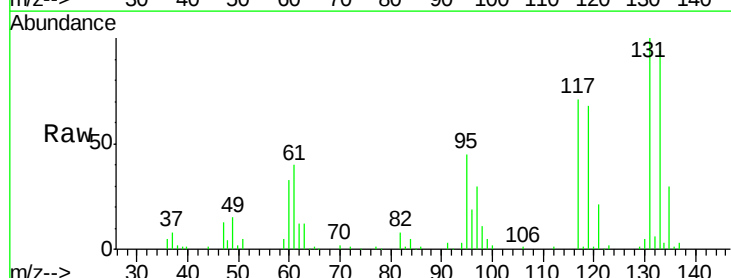
Manual Integrations
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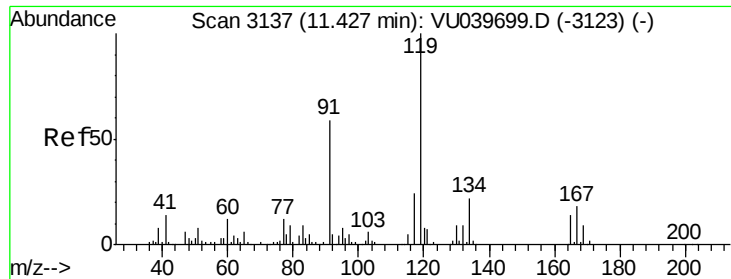
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 9.387 ug/l
RT: 9.54 min Scan# 2550
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion:131 Resp: 55074
Ion Ratio Lower Upper
131 100
133 95.6 75.8 113.8
119 67.7 54.6 81.8





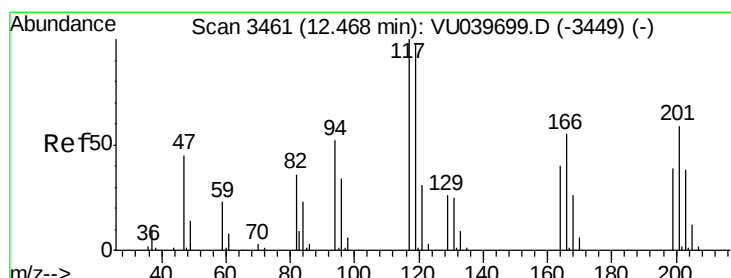
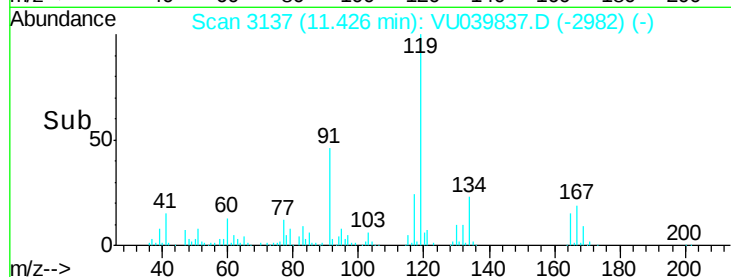
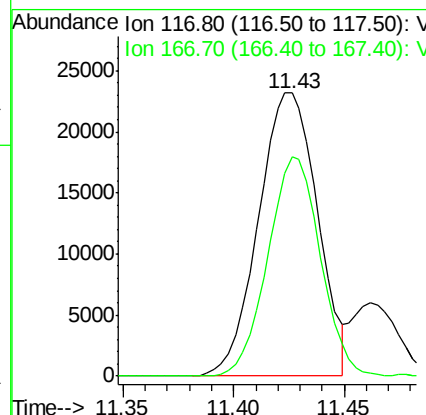
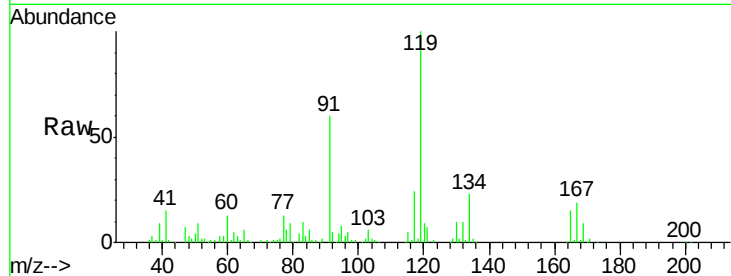
#61
 Pentachloroethane
 Concen: 8.319 ug/l
 RT: 11.43 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:117 Resp: 42883
 Ion Ratio Lower Upper
 117 100
 167 69.0 56.6 85.0

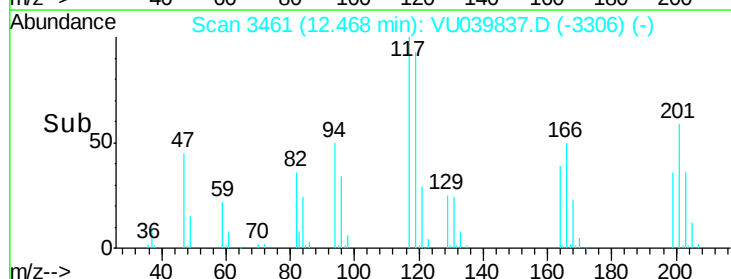
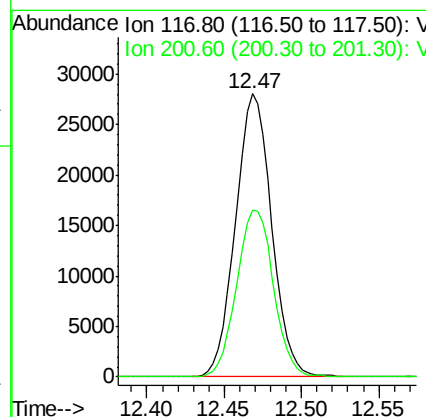
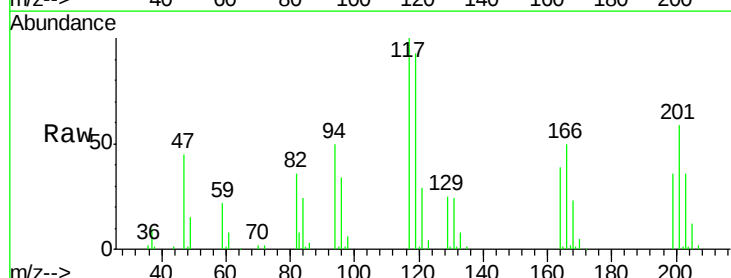
Manual Integrations
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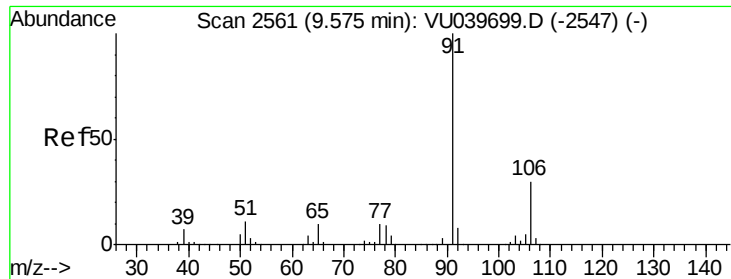
MMDadoda
 9/4/2020 7:32:08 PM



#62
 Hexachloroethane
 Concen: 9.618 ug/l
 RT: 12.47 min Scan# 3461
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion:117 Resp: 45441
 Ion Ratio Lower Upper
 117 100
 201 60.1 48.1 72.1





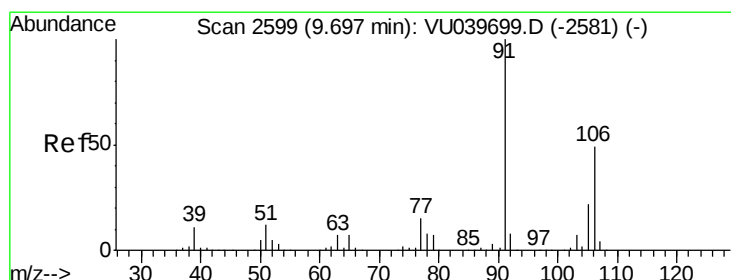
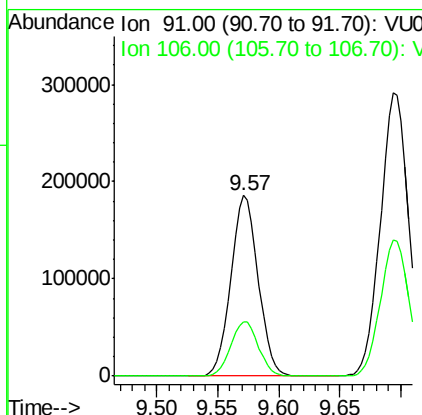
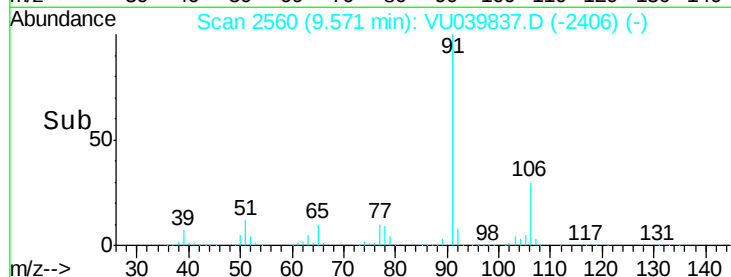
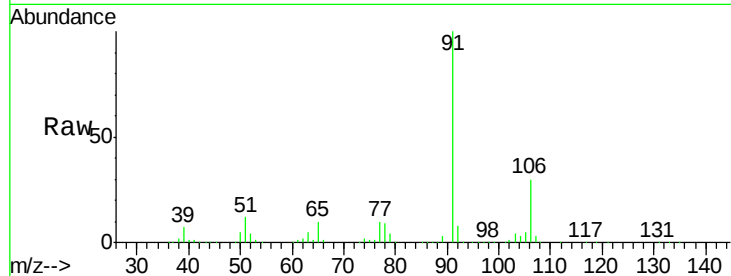
#63
Ethyl Benzene
Concen: 9.312 ug/l
RT: 9.57 min Scan# 2560
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 290390
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.4

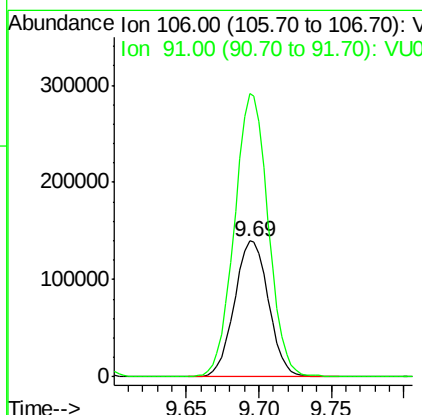
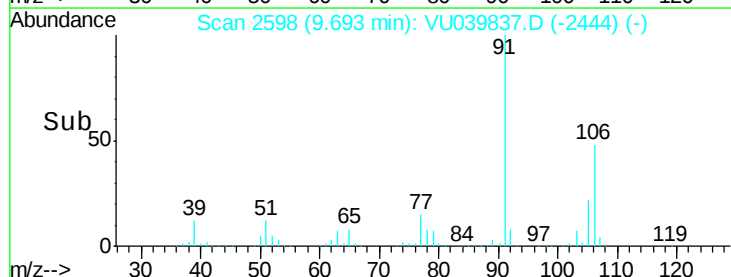
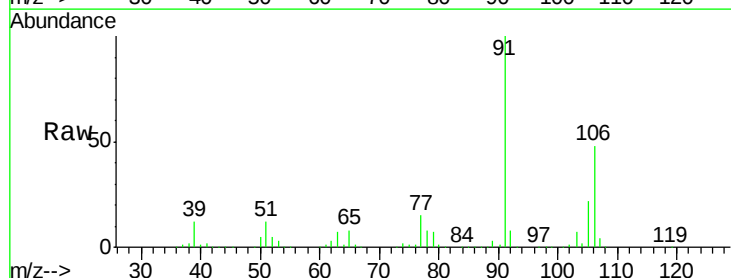
Manual Integrations
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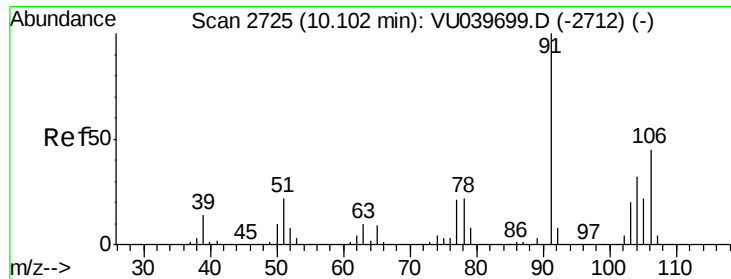
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#64
m/p-Xylenes
Concen: 18.772 ug/l
RT: 9.69 min Scan# 2598
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion: 106 Resp: 228713
Ion Ratio Lower Upper
106 100
91 205.0 163.9 245.9





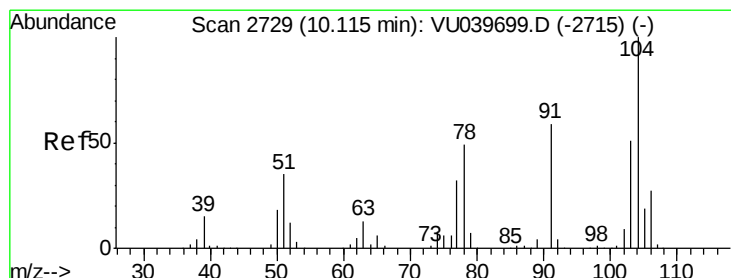
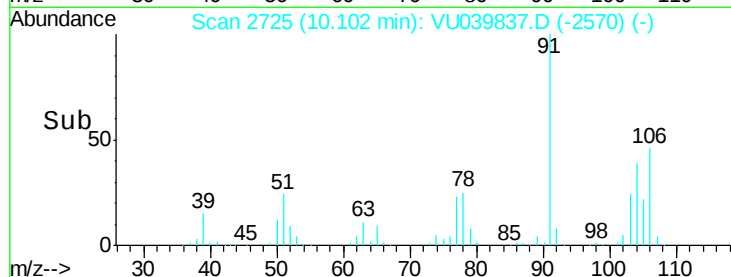
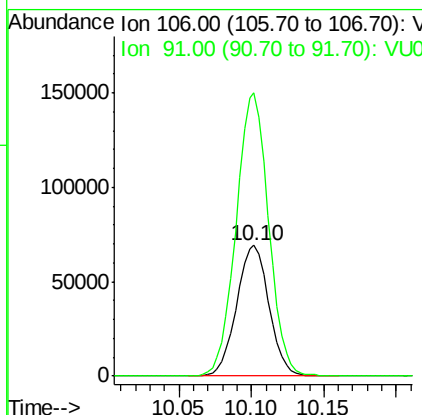
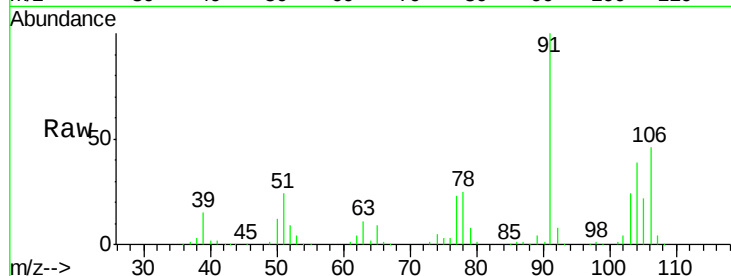
#65
o-Xylene
Concen: 9.318 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion:106 Resp: 107783
Ion Ratio Lower Upper
106 100
91 216.5 110.3 331.0

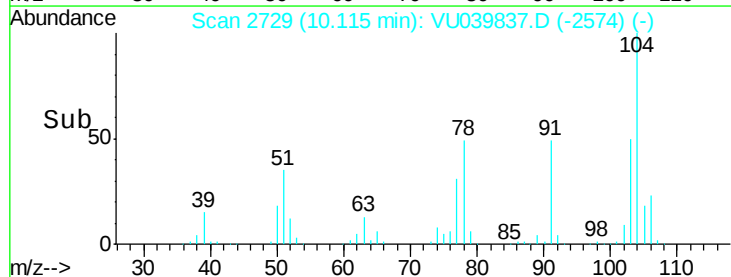
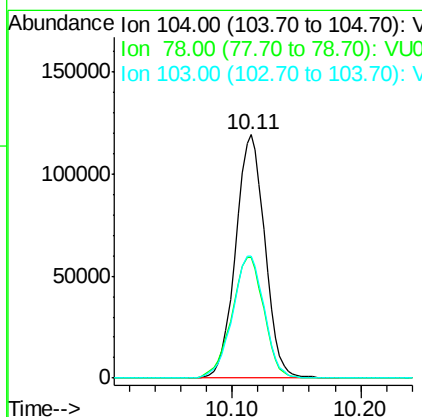
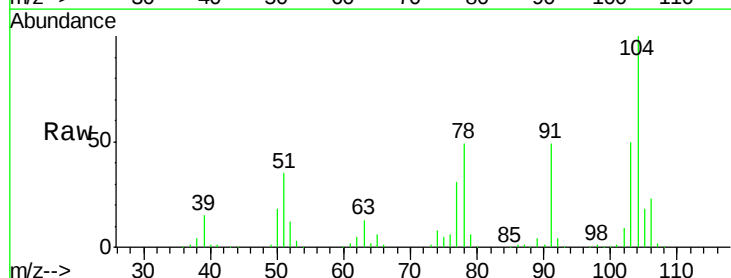
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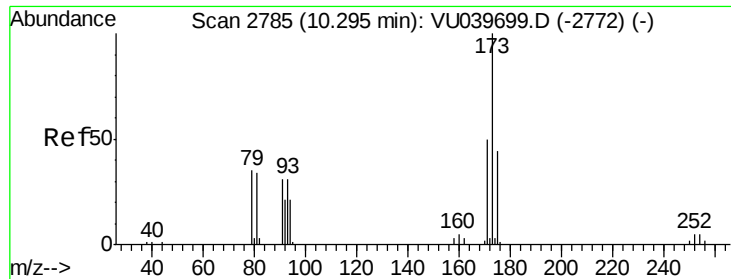
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#66
Styrene
Concen: 9.495 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion:104 Resp: 188232
Ion Ratio Lower Upper
104 100
78 54.5 42.2 63.4
103 54.4 43.4 65.2





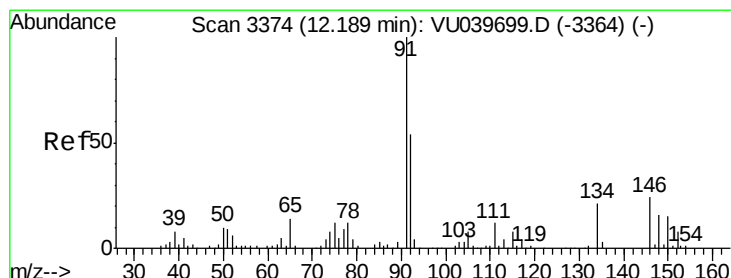
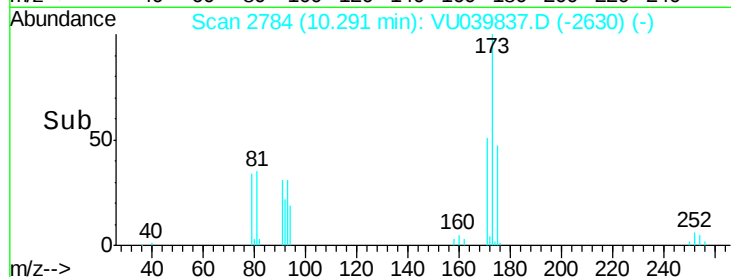
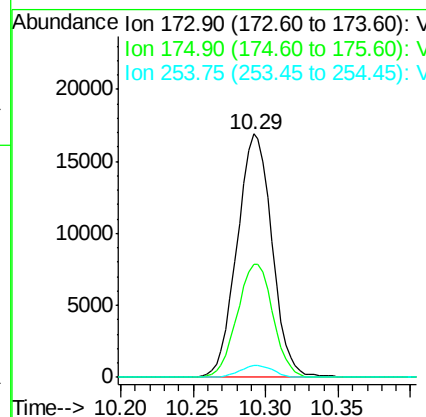
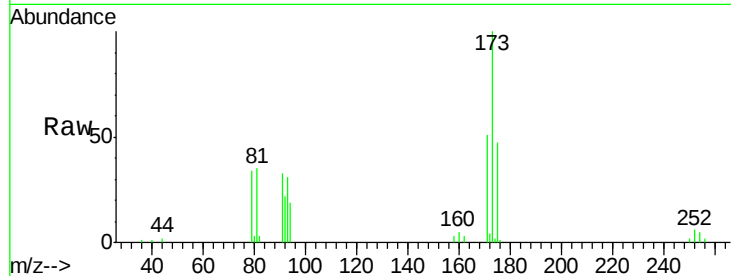
#67
Bromoform
Concen: 9.478 ug/l
RT: 10.29 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.5	36.7	55.1
254	4.6	3.8	5.8

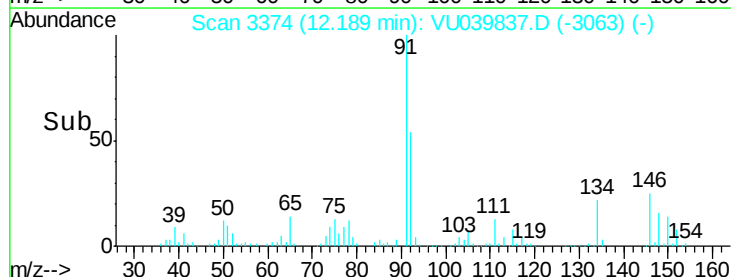
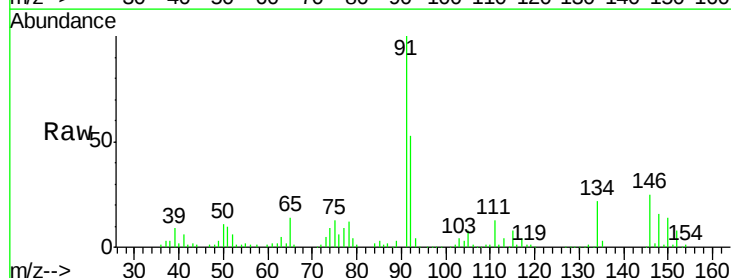
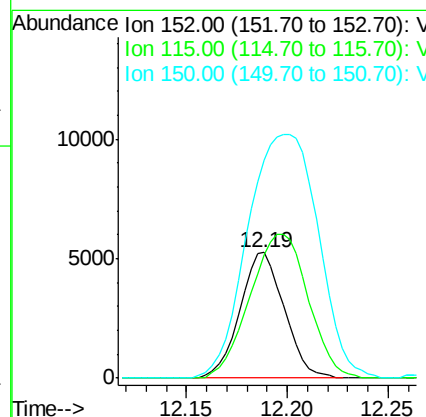
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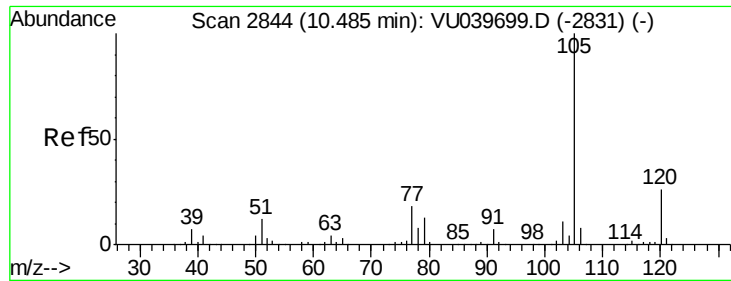
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#68
1,2-Dichlorobenzene-d4
Concen: 0.935 ug/l
RT: 12.19 min Scan# 3374
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	150.0	0.0	302.4
150	307.3	0.0	645.8





#69

Isopropylbenzene

Concen: 9.252 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 105 Resp: 285860

Ion Ratio Lower Upper

105 100

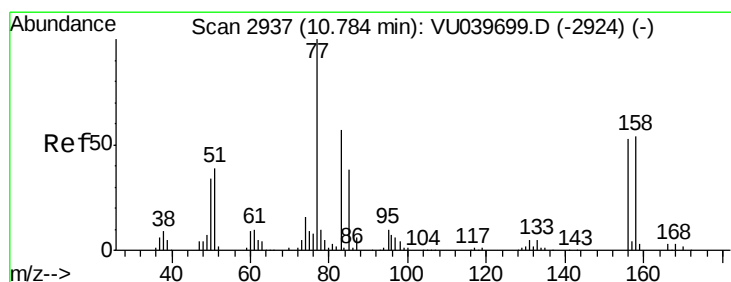
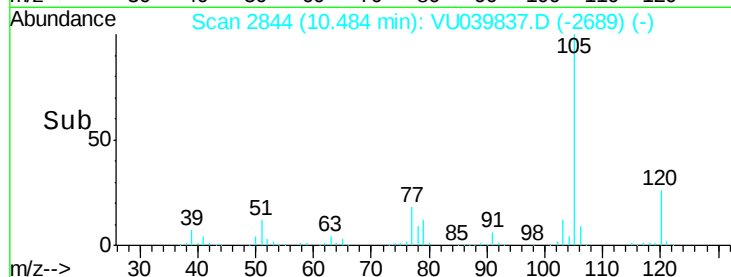
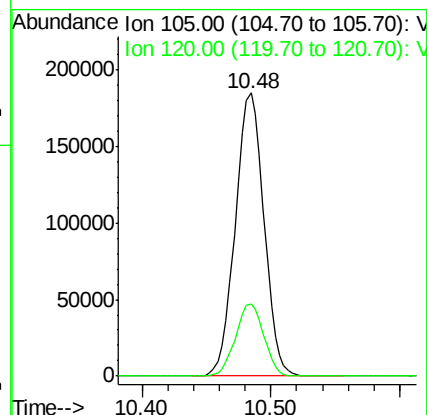
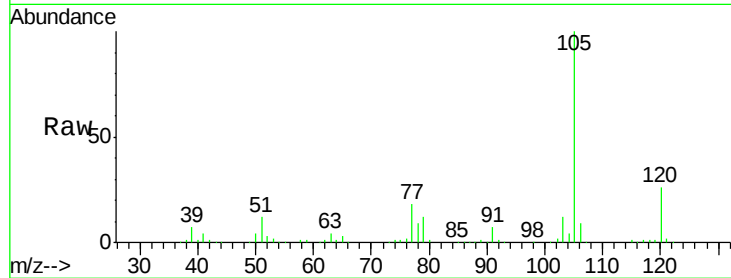
120 25.3 12.8 38.4

Manual Integrations

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#70

1,1,2,2-Tetrachloroethane

Concen: 8.591 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

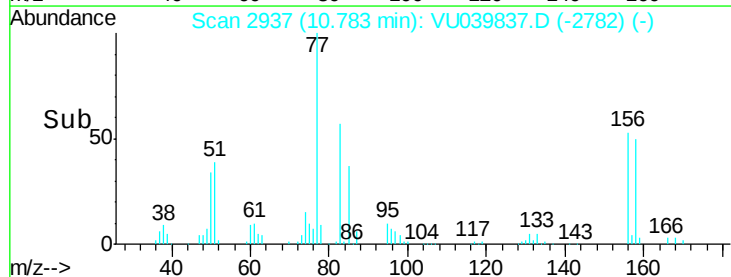
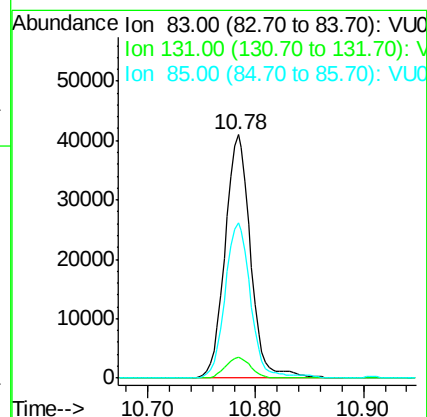
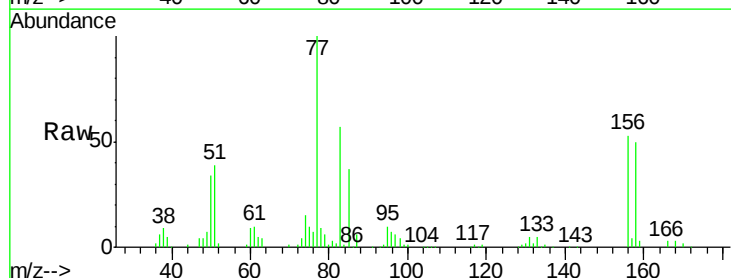
Tgt Ion: 83 Resp: 67372

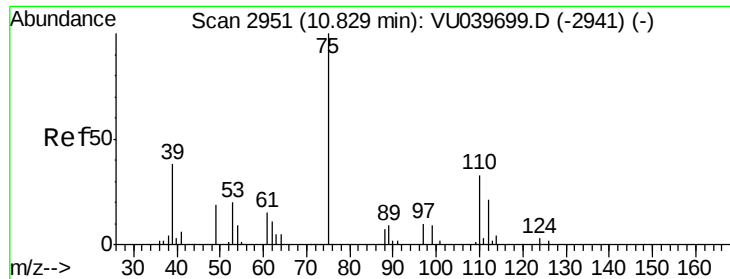
Ion Ratio Lower Upper

83 100

131 8.4 7.0 10.6

85 64.3 50.6 75.8





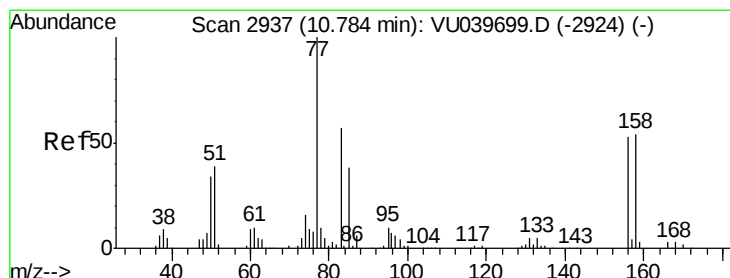
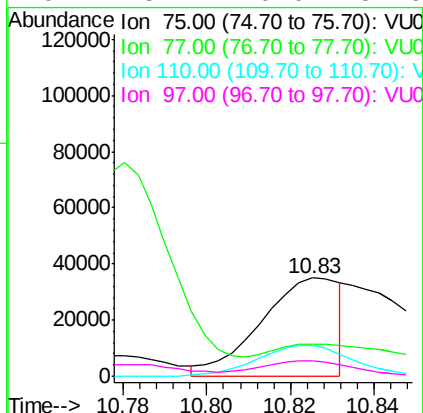
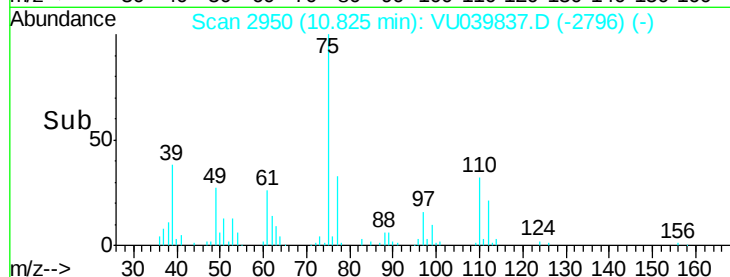
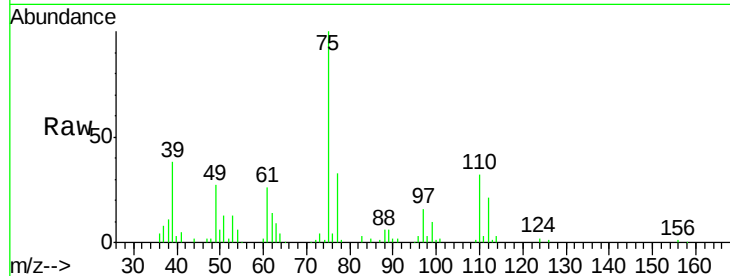
#71
 1,2,3-Trichloropropane
 Concen: 7.787 ug/l m
 RT: 10.83 min Scan# 2950
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
75	100		
77	57.3	0.0	91.0
110	38.0	0.0	64.2
97	18.7	0.0	32.6

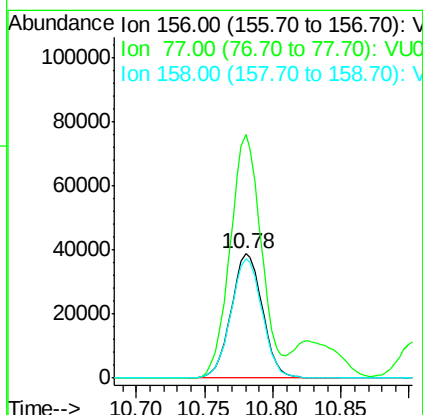
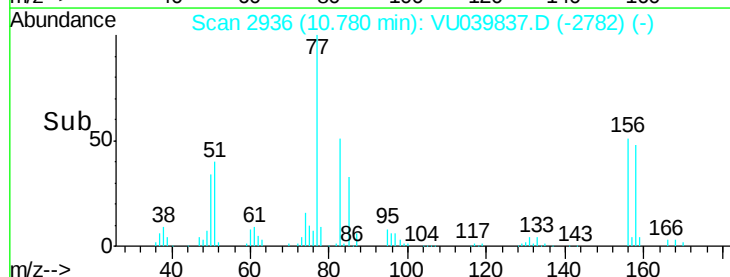
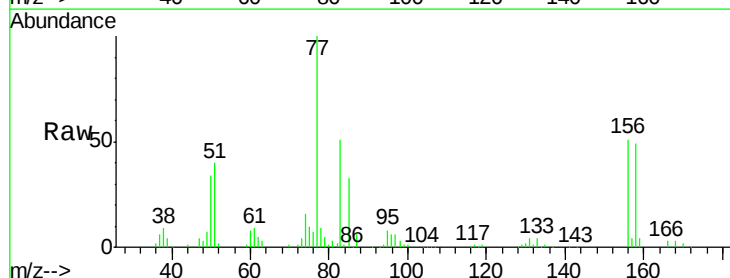
Manual Integrations
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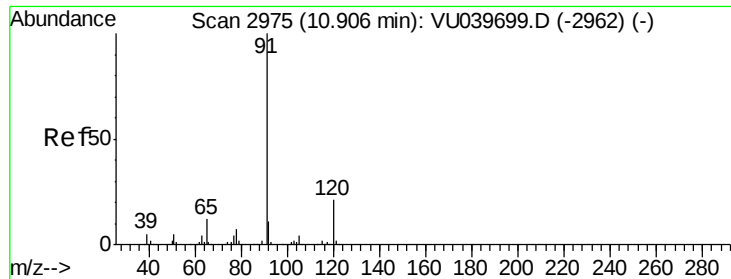
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#72
 Bromobenzene
 Concen: 8.837 ug/l
 RT: 10.78 min Scan# 2936
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
156	100		
77	195.4	0.0	385.2
158	95.7	0.0	200.8





#73

n-propylbenzene

Concen: 9.336 ug/l

RT: 10.90 min Scan# 2974

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion:120 Resp: 81105

Ion Ratio Lower Upper

120 100

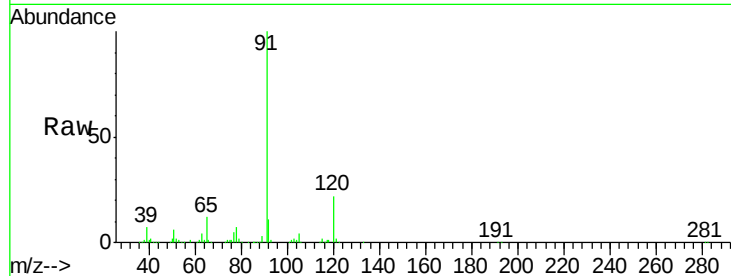
91 457.5 371.7 557.5

Manual Integrations

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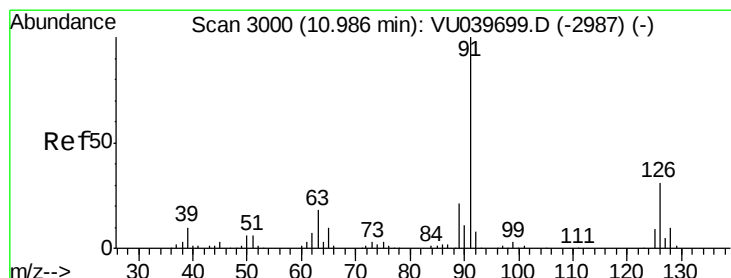
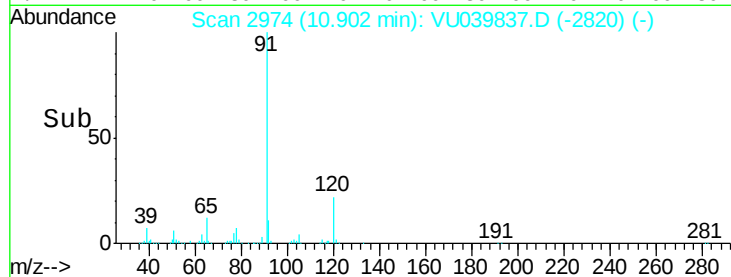
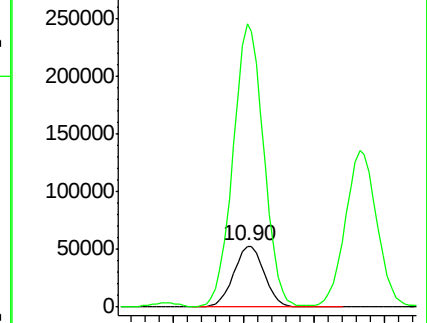
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 8.870 ug/l

RT: 10.98 min Scan# 2999

Delta R.T. -0.00 min

Lab File: VU039837.D

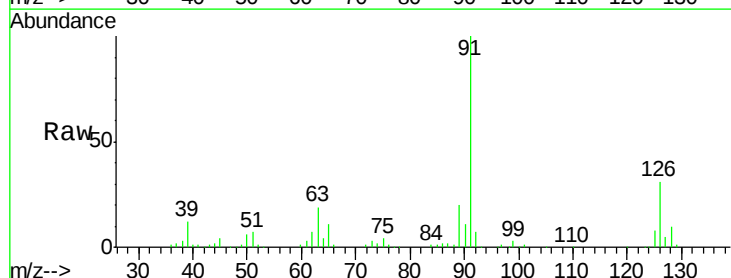
Acq: 12 Aug 2020 10:22

Tgt Ion:126 Resp: 65092

Ion Ratio Lower Upper

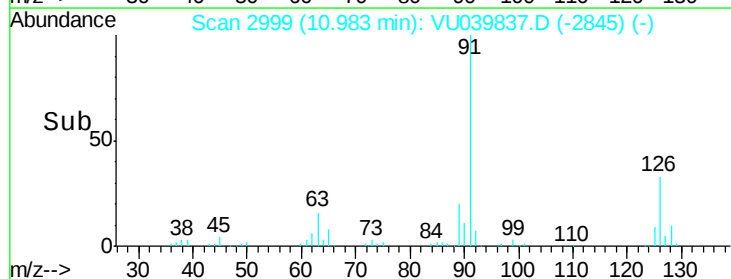
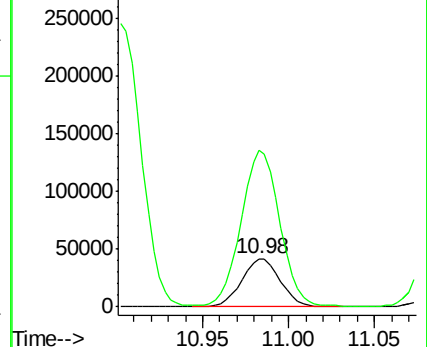
126 100

91 323.7 0.0 637.0



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





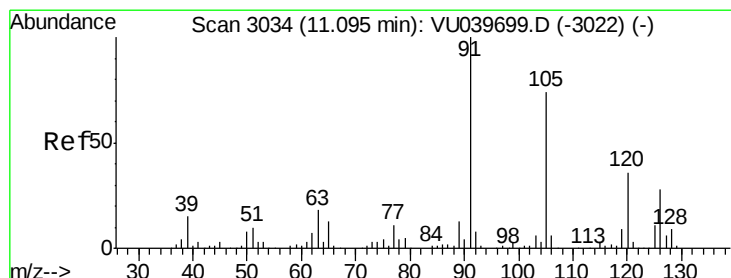
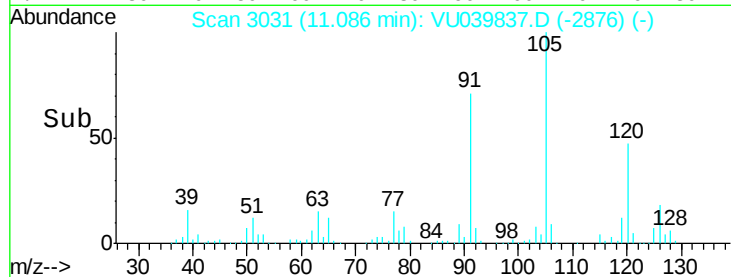
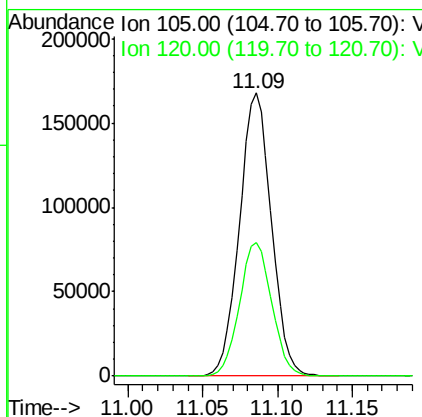
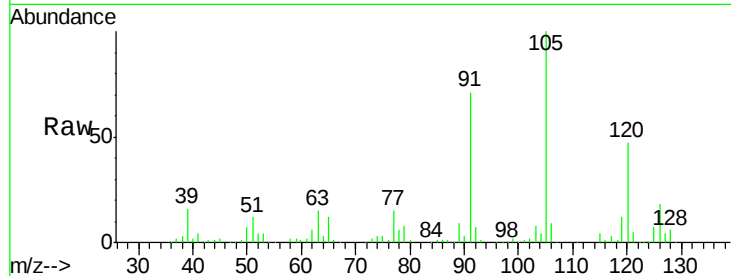
#75
 1,3,5-Trimethylbenzene
 Concen: 9.332 ug/l
 RT: 11.09 min Scan# 3031
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 249254
 Ion Ratio Lower Upper
 105 100
 120 47.6 38.0 57.0

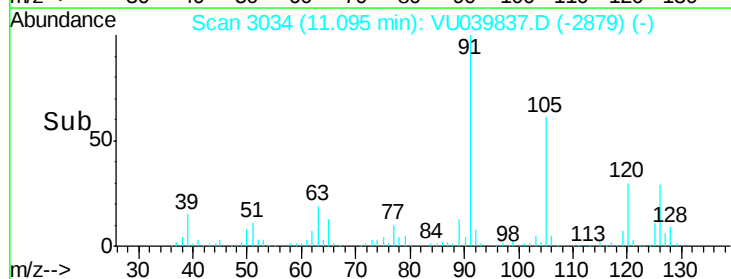
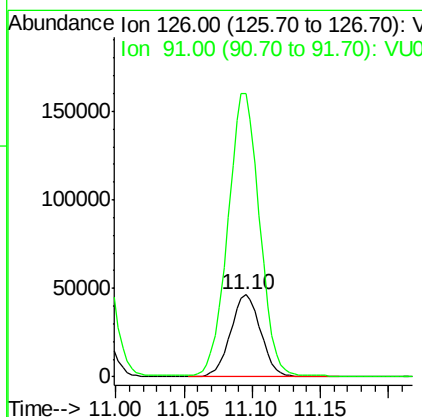
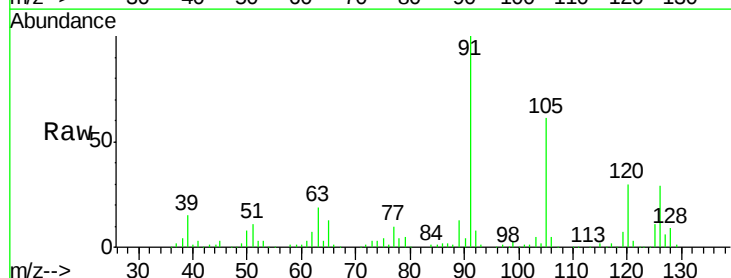
Manual Integrations
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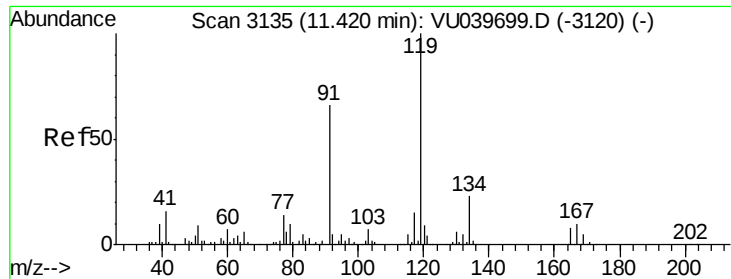
MMDadoda
 9/4/2020 7:32:08 PM



#76
 4-Chlorotoluene
 Concen: 9.445 ug/l
 RT: 11.10 min Scan# 3034
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion:126 Resp: 71793
 Ion Ratio Lower Upper
 126 100
 91 358.7 0.0 732.2





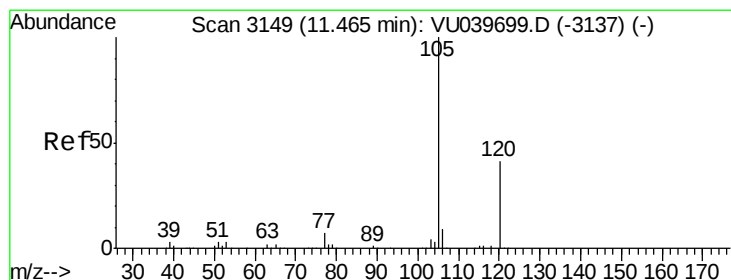
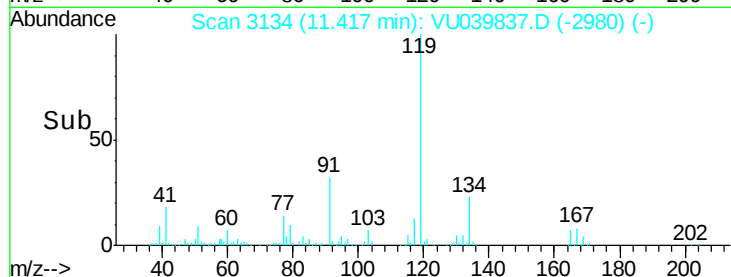
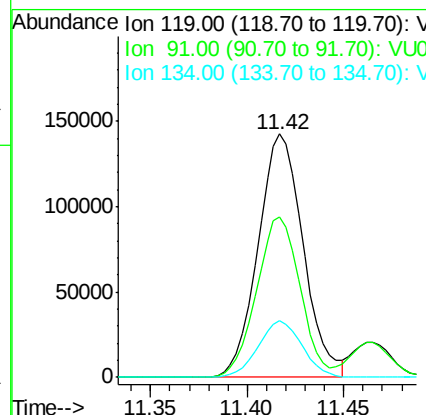
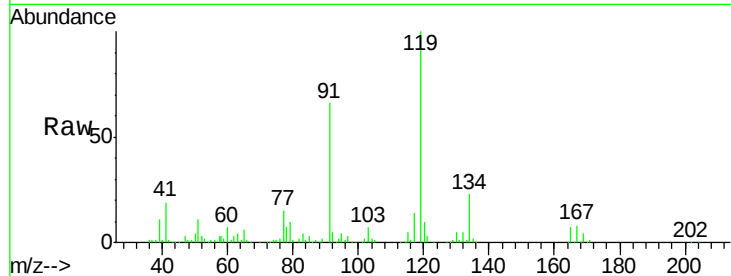
#77
 tert-Butylbenzene
 Concen: 9.041 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	231660		
91	63.3	31.9	95.5	
134	22.7	18.2	27.4	

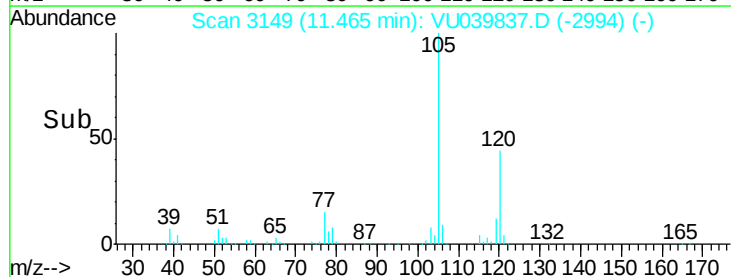
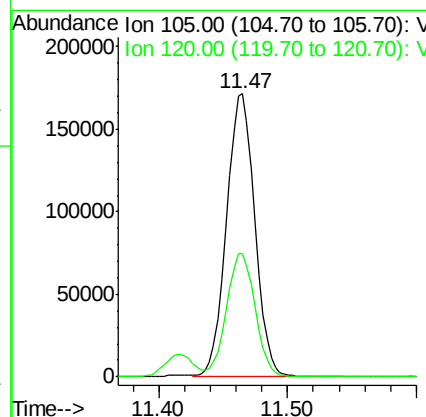
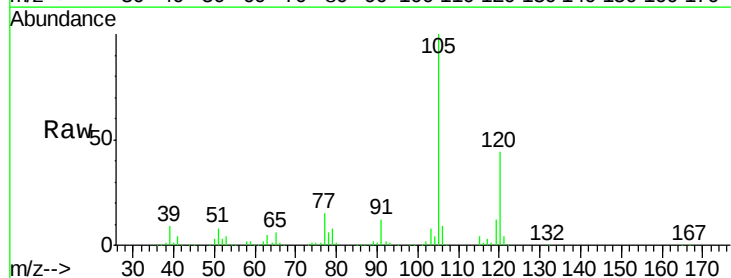
Manual Integrations
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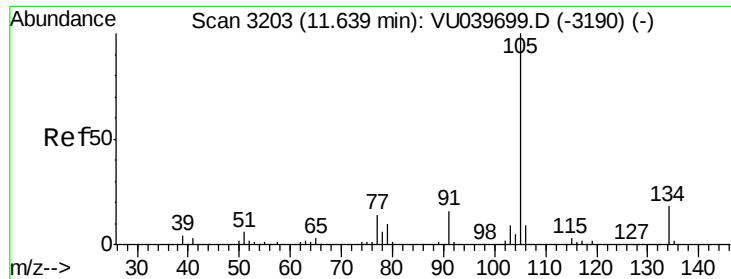
MMDadoda
 9/4/2020 7:32:08 PM



#78
 1,2,4-Trimethylbenzene
 Concen: 9.474 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	259538		
120	44.5	22.7	68.0	





#79

sec-Butylbenzene

Concen: 9.206 ug/l

RT: 11.64 min Scan# 3203

Delta R.T. -0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC010

Tgt Ion: 105 Resp: 335747

Ion Ratio Lower Upper

105 100

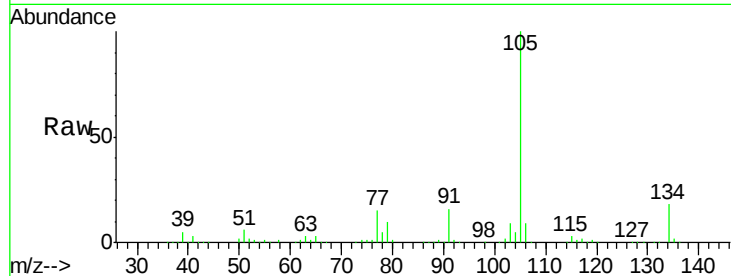
134 18.4 14.8 22.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.64

250000

200000

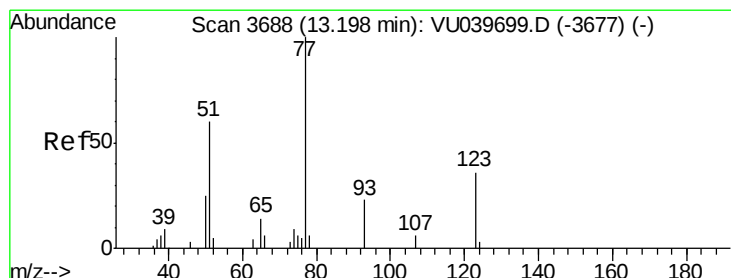
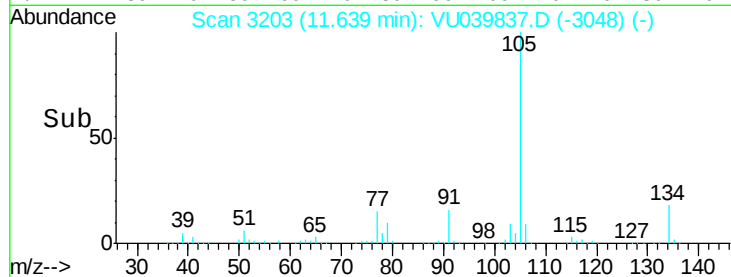
150000

100000

50000

0

Time-->



#80

Nitrobenzene

Concen: 67.587 ug/l

RT: 13.20 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VU039837.D

Acq: 12 Aug 2020 10:22

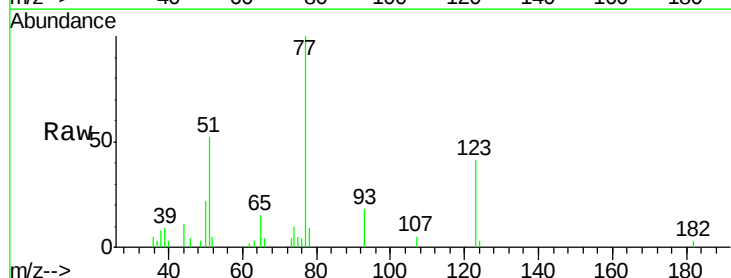
Tgt Ion: 77 Resp: 8969

Ion Ratio Lower Upper

77 100

123 38.2 16.9 59.9

65 15.3 14.4 18.4



Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

13.20

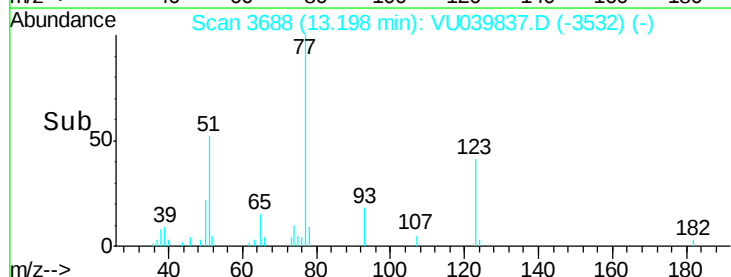
6000

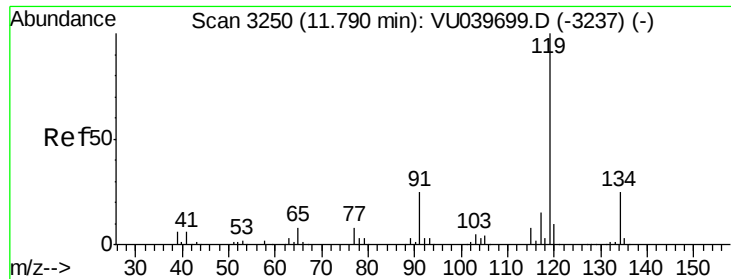
4000

2000

0

Time-->





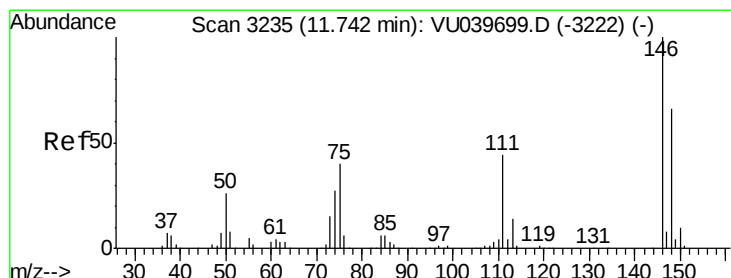
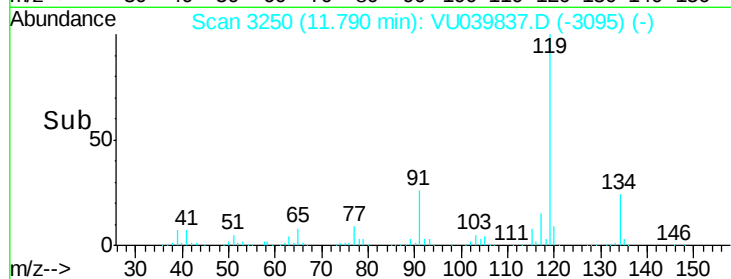
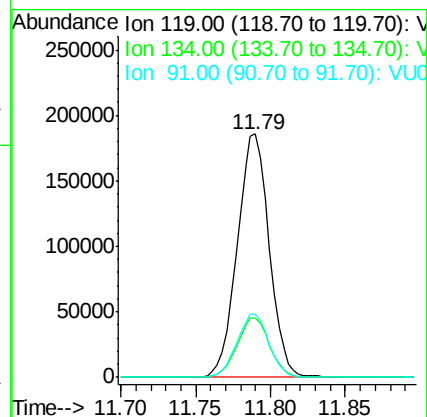
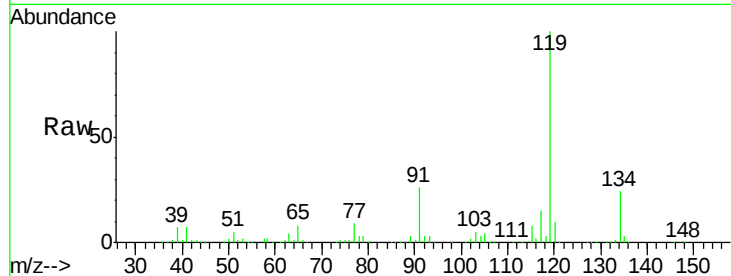
#81
p-Isopropyltoluene
Concen: 9.312 ug/l
RT: 11.79 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.0	20.2	30.4
91	26.2	20.7	31.1

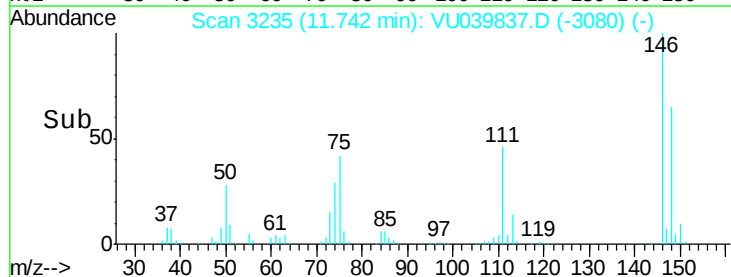
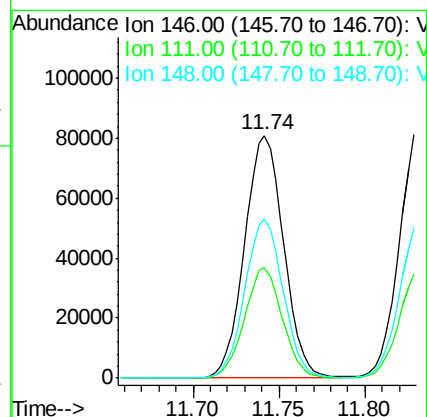
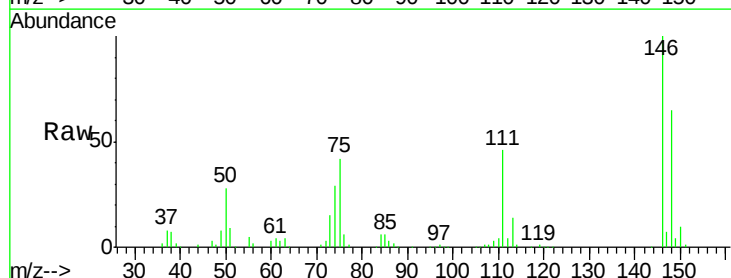
Manual Integrations
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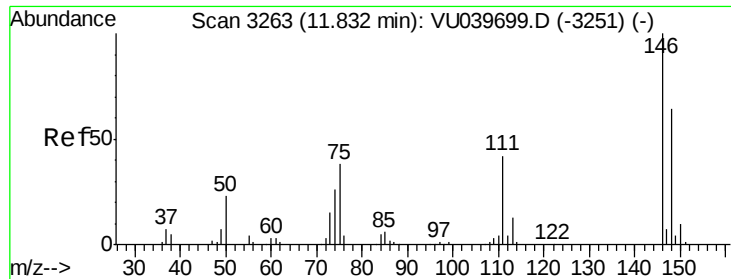
MMDadoda
9/4/2020 7:32:08 PM



#82
1,3-Dichlorobenzene
Concen: 8.466 ug/l
RT: 11.74 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.2	34.5	51.7
148	64.2	51.4	77.0





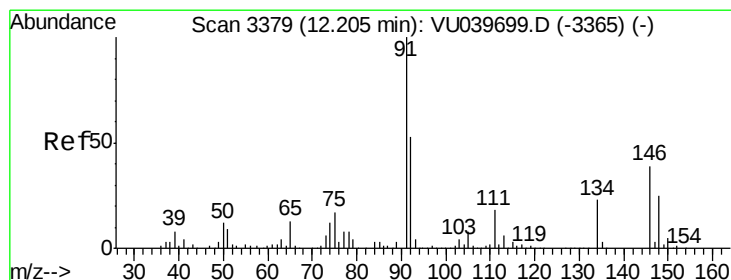
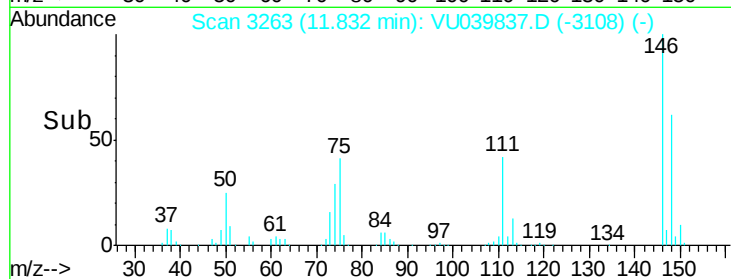
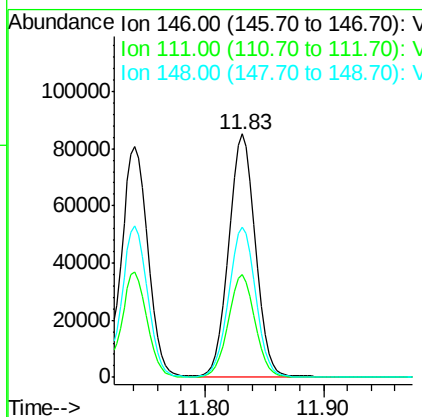
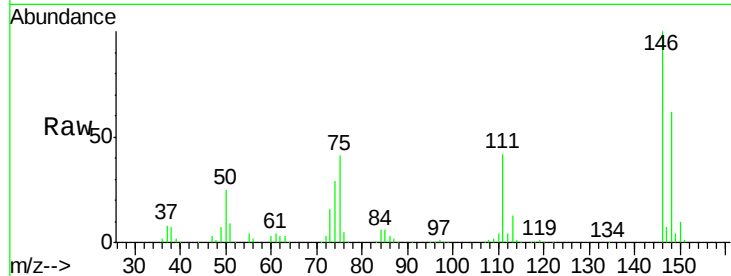
#83
 1,4-Dichlorobenzene
 Concen: 8.688 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	33.8	50.6
148	62.5	51.1	76.7

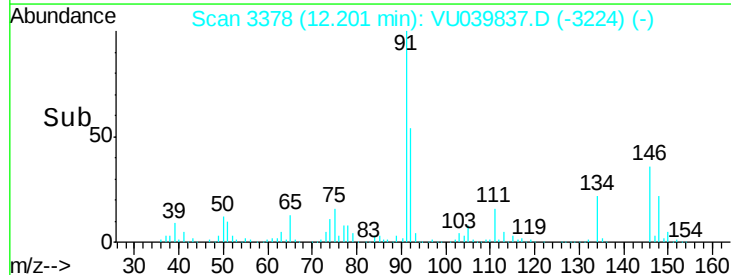
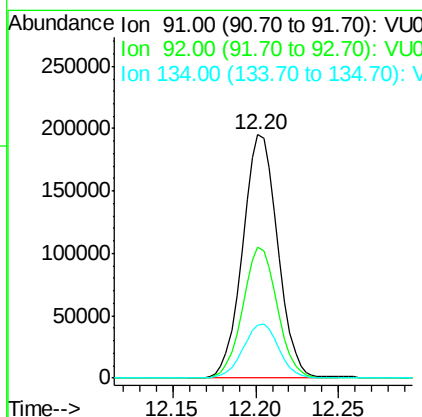
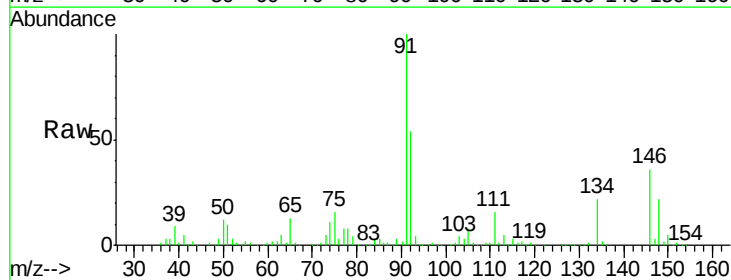
Manual Integrations
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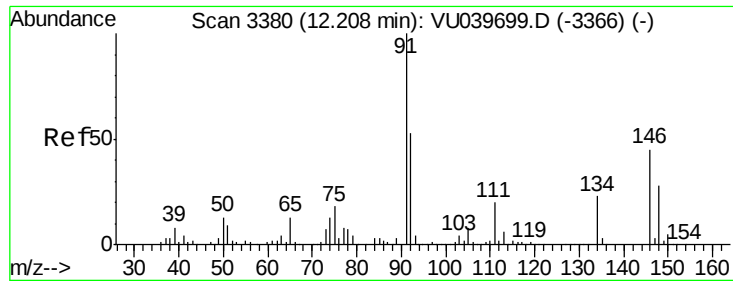
MMDadoda
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#84
 n-Butylbenzene
 Concen: 9.185 ug/l
 RT: 12.20 min Scan# 3378
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.0	42.6	64.0
134	22.6	18.2	27.4





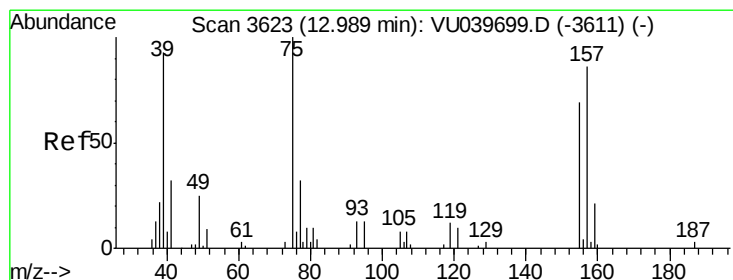
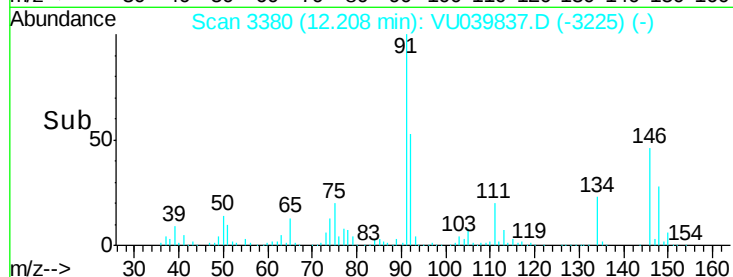
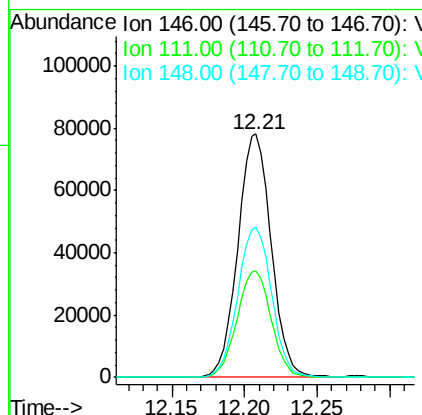
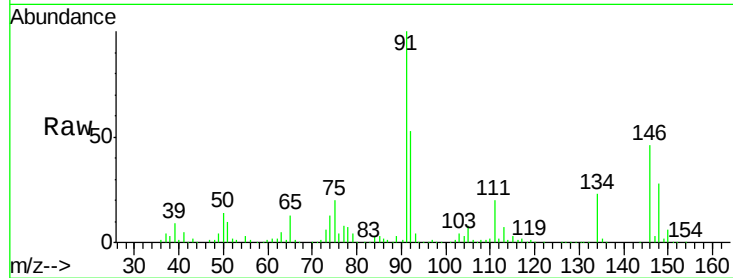
#85
 1,2-Dichlorobenzene
 Concen: 8.574 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	124806		
111	44.8	22.8	68.3	
148	63.0	31.7	95.1	

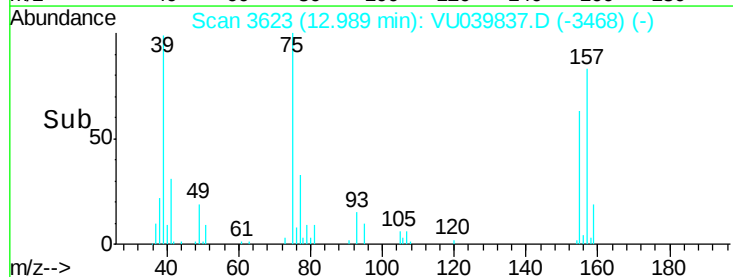
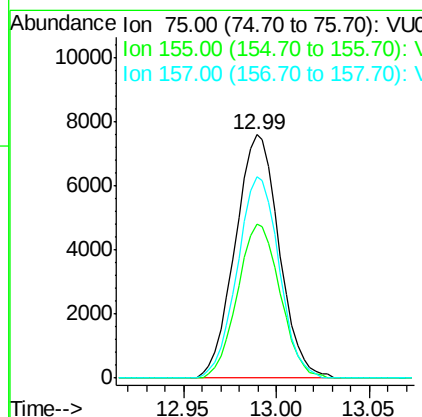
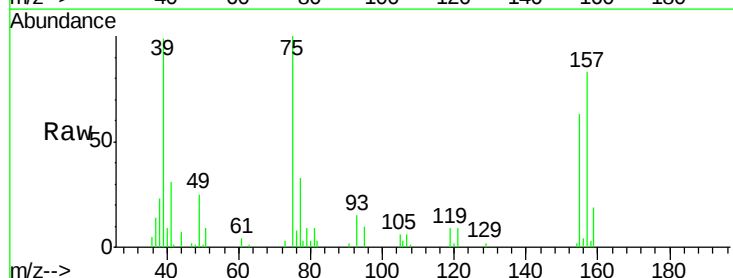
Manual Integrations
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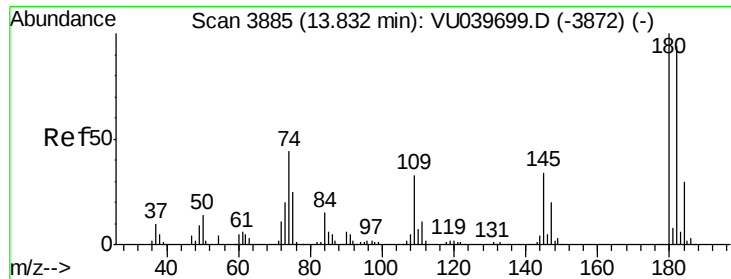
MMDadoda
 9/4/2020 7:32:08 PM



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 9.442 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	12473		
155	61.6	52.9	79.3	
157	78.9	67.8	101.6	





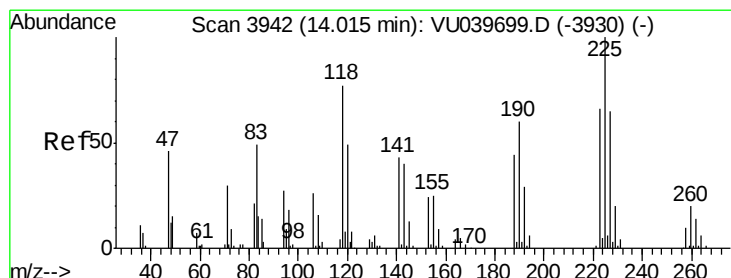
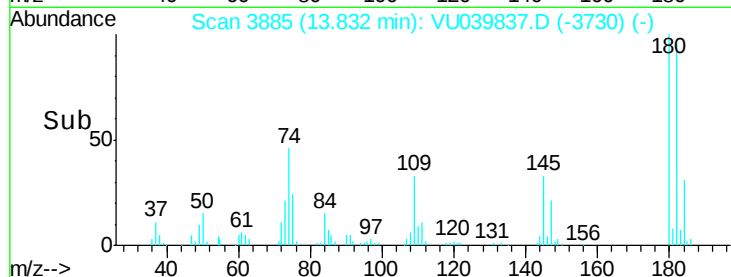
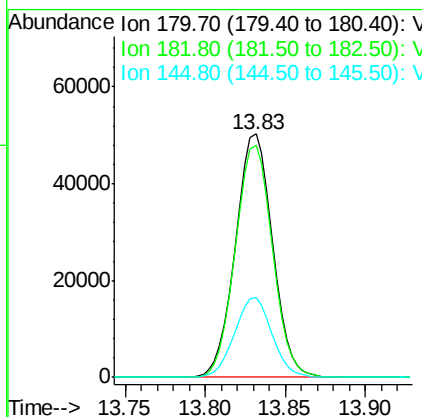
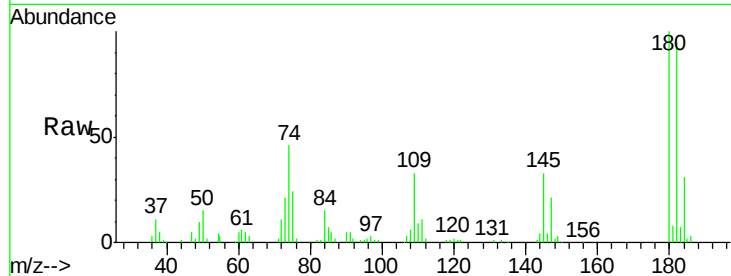
#87
 1,2,4-Trichlorobenzene
 Concen: 8.725 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	79436		
182	95.4	76.2	114.4	
145	32.9	26.8	40.2	

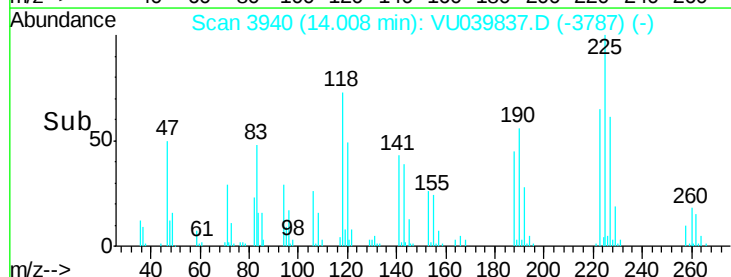
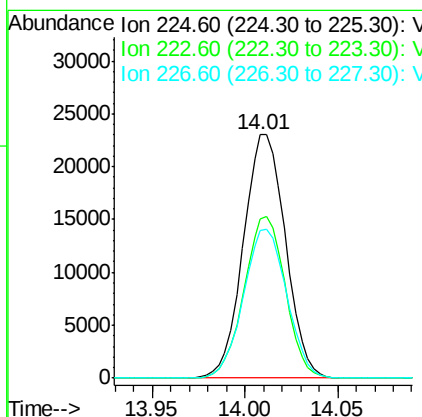
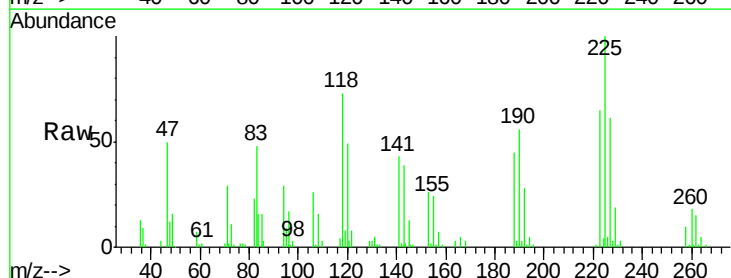
Manual Integrations
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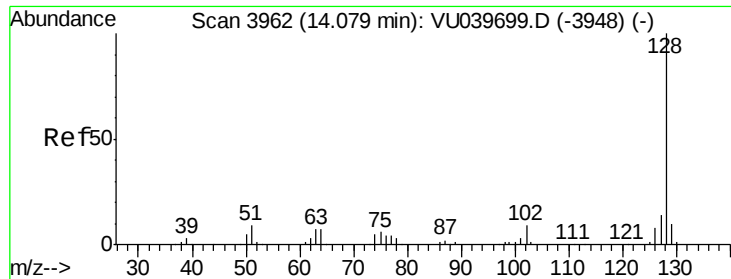
MMDadoda
 9/4/2020 7:32:08 PM



#88
 Hexachlorobutadiene
 Concen: 8.822 ug/l
 RT: 14.01 min Scan# 3940
 Delta R.T. -0.01 min
 Lab File: VU039837.D
 Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	36475		
223	64.7	52.4	78.6	
227	62.9	50.7	76.1	





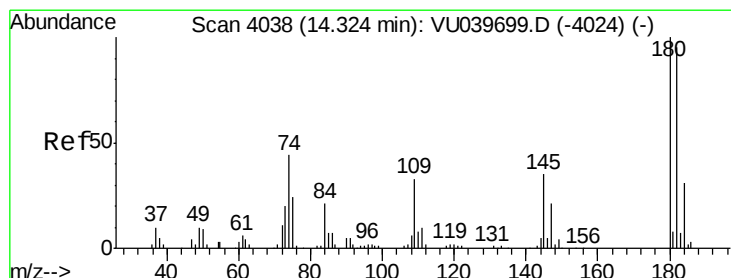
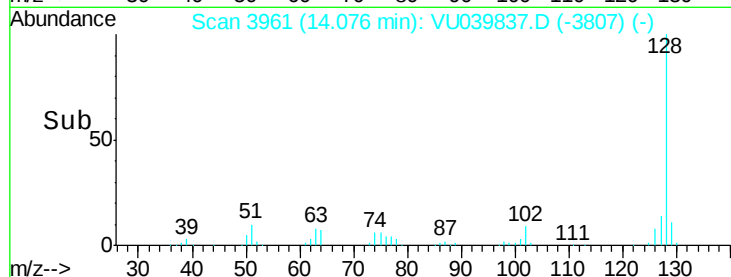
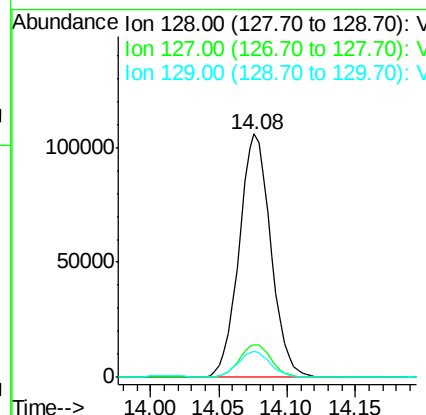
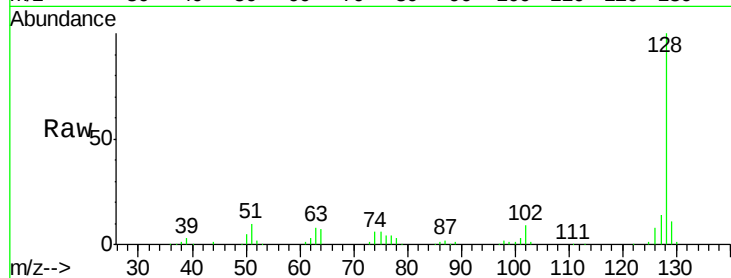
#89
Naphthalene
Concen: 8.753 ug/l
RT: 14.08 min Scan# 3961
Delta R.T. -0.00 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Instrument :
MSVOA_U
ClientSampled :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	10.8	8.4	12.6

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 8.874 ug/l
RT: 14.32 min Scan# 4036
Delta R.T. -0.01 min
Lab File: VU039837.D
Acq: 12 Aug 2020 10:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	34.2	27.8	41.6

