

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072920\
 Data File : VU039703.D
 Acq On : 29 Jul 2020 14:36
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 7:31:47 PM

Quant Time: Sep 04 19:04:08 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	21043	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	9317	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery	=	113.00%	
68) 1,2-Dichlorobenzene-d4	12.19	152	8235	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.39	85	44727	6.117	ug/l	100
3) Chloromethane	1.53	50	69186	7.617	ug/l	99
4) Vinyl Chloride	1.61	62	69126	8.257	ug/l	96
5) Bromomethane	1.86	94	48362	8.447	ug/l	98
6) Chloroethane	1.94	64	49031	8.441	ug/l	99
7) Trichlorofluoromethane	2.15	101	98379	8.885	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	58064	9.137	ug/l	99
9) 1,1-Dichloroethene	2.59	96	56442	9.653	ug/l	99
10) Iodomethane	2.74	142	54508	9.243	ug/l	98
11) Allyl Chloride	2.93	41	126222	10.008	ug/l	95
12) Acrylonitrile	3.33	53	103781	50.569	ug/l	95
13) Acetone	2.64	43	129383	66.799	ug/l	99
14) Carbon Disulfide	2.80	76	171318	7.990	ug/l	100
15) Methylene Chloride	3.06	84	70403	8.638	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	63651	9.575	ug/l	97
17) 1,1-Dichloroethane	3.89	63	142239	9.744	ug/l	98
18) 2-Butanone	4.74	43	166682	51.331	ug/l	100
19) Cyclohexane	5.39	56	122536m	8.673	ug/l	
20) Methylcyclohexane	6.77	83	102956	9.835	ug/l	99
21) 2,2-Dichloropropane	4.68	77	115769	9.722	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	74057	10.336	ug/l	99
23) Diethyl Ether	2.39	59	54281	9.080	ug/l	97
24) tert-Butyl Alcohol	3.20	59	36136	46.305	ug/l	98
25) Methyl tert-Butyl Ether	3.38	73	189669	9.942	ug/l	98
26) Bromochloromethane	4.99	128	28297	9.653	ug/l	98
27) Chloroform	5.11	83	134396	9.838	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	110519	9.998	ug/l	99
29) 1,1-Dichloropropene	5.54	75	102654	9.644	ug/l	99
30) Carbon Tetrachloride	5.54	117	89937	9.950	ug/l	98
31) Isopropyl Ether	4.02	45	273632	10.278	ug/l #	1
34) Propionitrile	4.80	54	77971	97.337	ug/l	98
35) Benzene	5.79	78	257493	9.780	ug/l	100
36) 1,2-Dichloroethane	5.81	62	96036	9.730	ug/l	100
37) Trichloroethene	6.55	130	59677	9.906	ug/l	95
38) 1,2-Dichloropropane	6.81	63	74138	10.216	ug/l	99
39) Methacrylonitrile	5.00	41	38613	9.147	ug/l	98
40) Methyl acrylate	4.87	55	53503	9.829	ug/l	98
41) Tetrahydrofuran	5.09	42	95651	45.035	ug/l	98
42) 1-Chlorobutane	5.47	56	160285	9.594	ug/l	99
43) Dibromomethane	6.93	93	38619	9.890	ug/l	98
44) Bromodichloromethane	7.12	83	93476	10.440	ug/l	99

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Quant Time: Sep 04 19:04:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.81	43	308504	52.152	ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	41374m	23.515	ug/l	
47) Methyl methacrylate	6.98	69	36880	10.126	ug/l	99
48) Ethyl methacrylate	8.34	69	73589	10.977	ug/l	99
49) Toluene	7.98	92	164573	10.501	ug/l	98
50) t-1,3-Dichloropropene	8.22	75	90443	11.216	ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	103875	10.960	ug/l	98
52) 1,1,2-Trichloroethane	8.41	97	54439	10.730	ug/l	96
53) 1,3-Dichloropropane	8.58	76	99960	10.261	ug/l	100
54) 2-Hexanone	8.70	43	236700	55.887	ug/l	100
55) Dibromochloromethane	8.82	129	58594	10.755	ug/l	100
56) 1,2-Dibromoethane	8.93	107	51739	10.583	ug/l	99
58) Tetrachloroethene	8.56	164	51515	9.769	ug/l	95
59) Chlorobenzene	9.45	112	165416	10.207	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	58584	10.721	ug/l	99
61) Pentachloroethane	11.43	117	52683	10.973	ug/l	97
62) Hexachloroethane	12.47	117	51106	11.614	ug/l	98
63) Ethyl Benzene	9.57	91	321330	11.064	ug/l	99
64) m/p-Xylenes	9.70	106	255608	22.526	ug/l	98
65) o-Xylene	10.10	106	118206	10.972	ug/l	97
66) Styrene	10.11	104	211139	11.436	ug/l	100
67) Bromoform	10.29	173	31615	11.375	ug/l	98
69) Isopropylbenzene	10.48	105	321720	11.180	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	75929	10.396	ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	34828m	6.330	ug/l	
72) Bromobenzene	10.78	156	71417	10.928	ug/l	98
73) n-propylbenzene	10.91	120	86835	10.733	ug/l	95
74) 2-Chlorotoluene	10.99	126	72889	10.664	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	292233	11.747	ug/l	100
76) 4-Chlorotoluene	11.10	126	80203	11.329	ug/l	98
77) tert-Butylbenzene	11.42	119	266505	11.167	ug/l	99
78) 1,2,4-Trimethylbenzene	11.47	105	297277	11.652	ug/l	100
79) sec-Butylbenzene	11.64	105	354076	10.424	ug/l	100
80) Nitrobenzene	13.20	77	1325	10.721	ug/l #	82
81) p-Isopropyltoluene	11.79	119	317599	11.602	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	144218	10.253	ug/l	98
83) 1,4-Dichlorobenzene	11.83	146	148933	10.527	ug/l	99
84) n-Butylbenzene	12.20	91	343114	11.800	ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	140152	10.338	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	14463	11.755	ug/l	99
87) 1,2,4-Trichlorobenzene	13.83	180	98774	11.649	ug/l	99
88) Hexachlorobutadiene	14.01	225	42108	10.935	ug/l	99
89) Naphthalene	14.08	128	217274	11.976	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	91615	11.445	ug/l	99

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

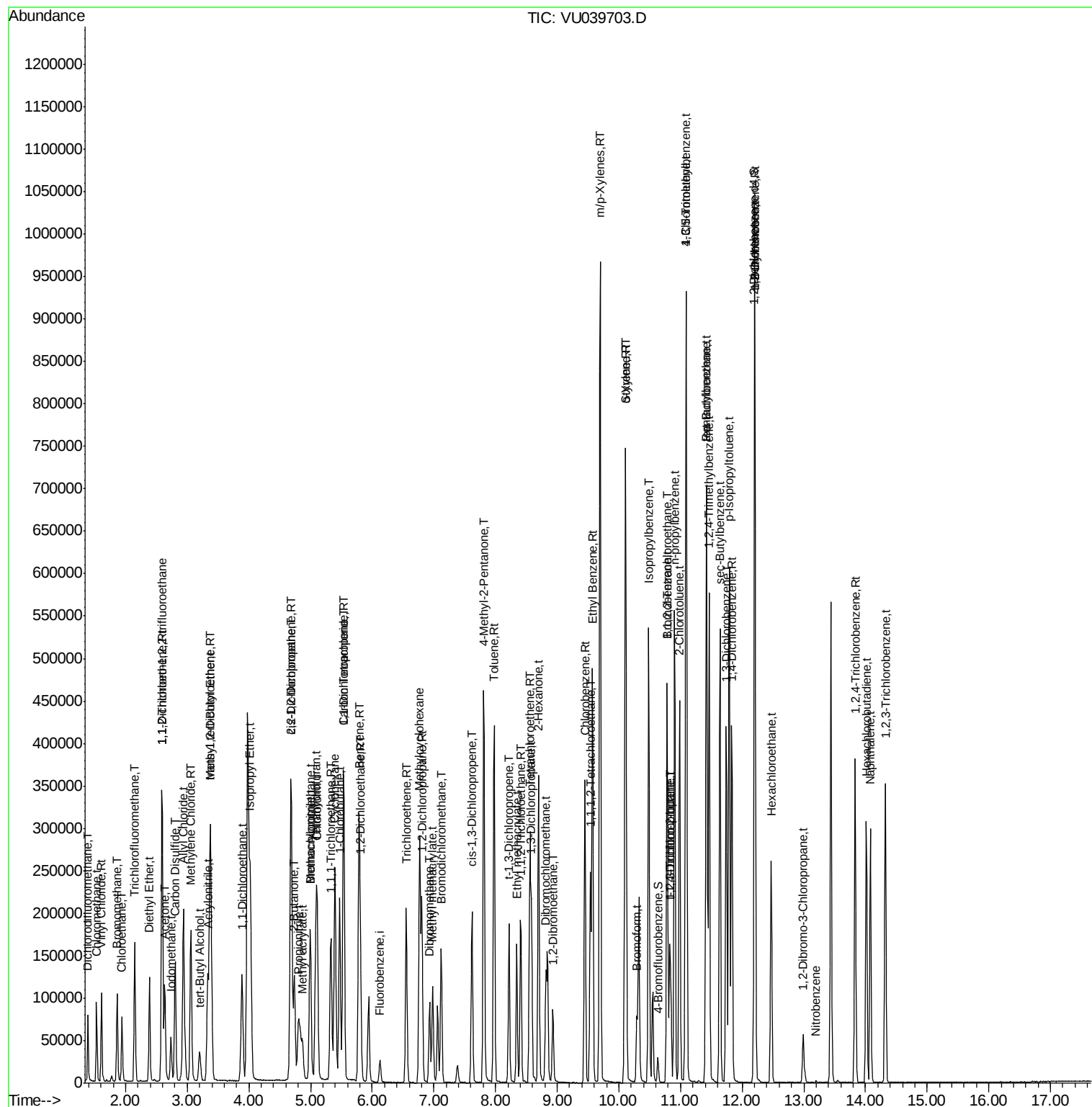
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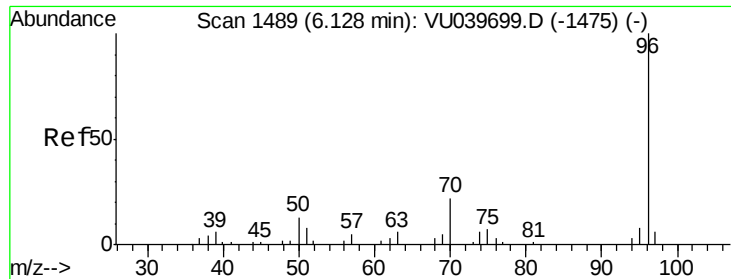
Instrument :
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.12 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

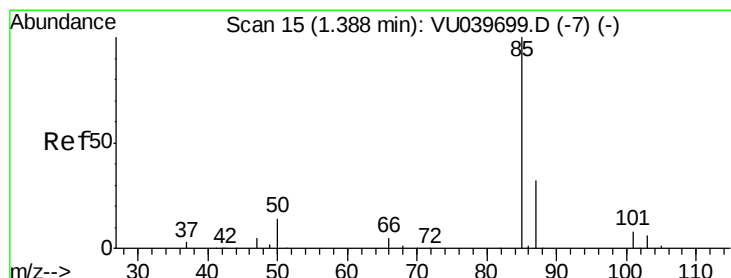
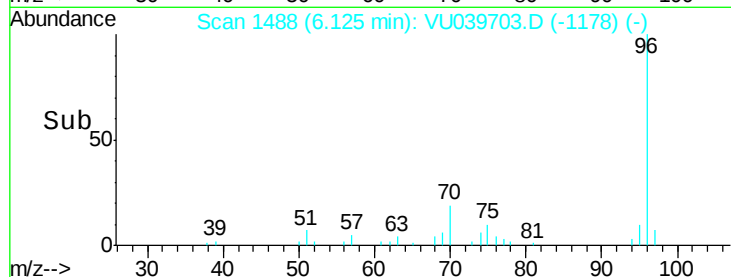
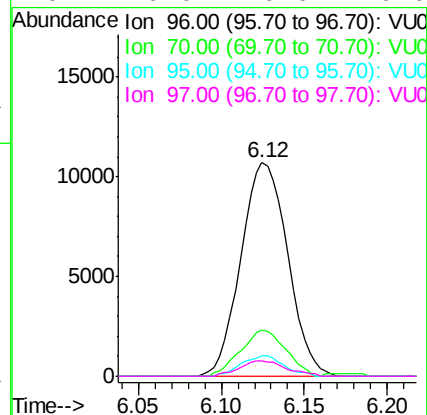
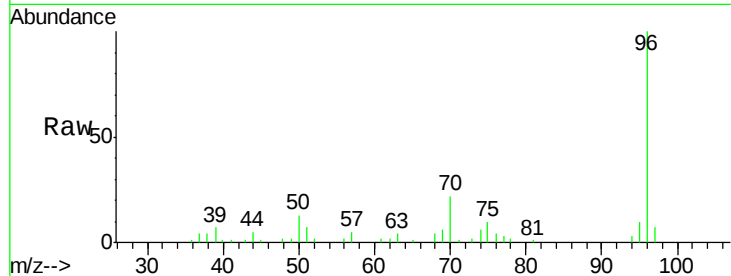
ClientSampleId :

ICVVU072920

Tgt Ion:	96	Resp:	21043
Ion	Ratio	Lower	Upper
96	100		
70	20.9	16.3	24.5
95	8.8	6.8	10.2
97	0.0	0.0	0.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 6.117 ug/l

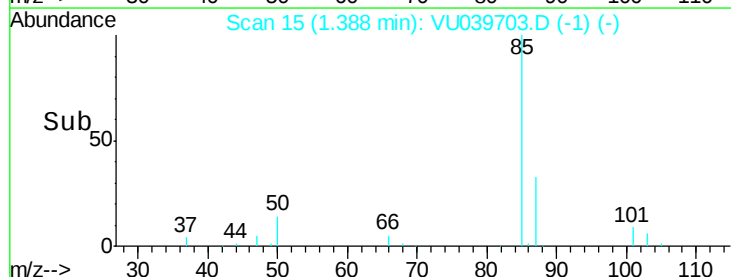
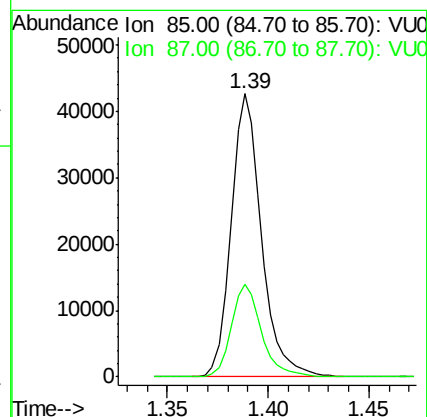
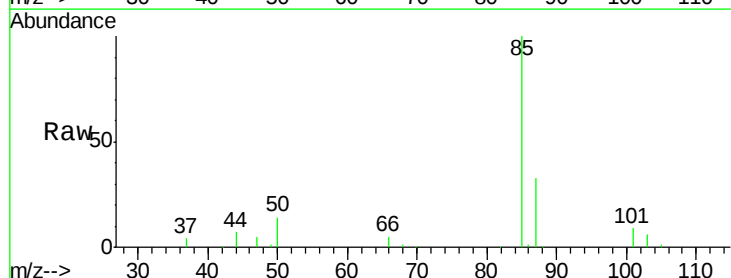
RT: 1.39 min Scan# 15

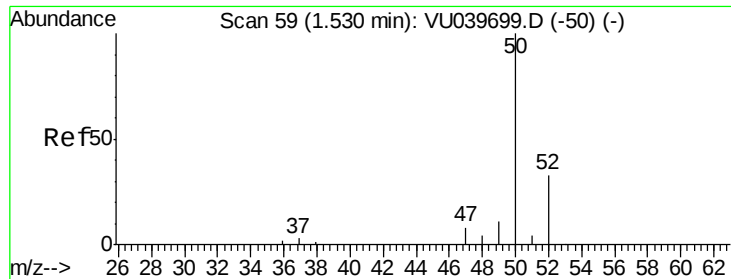
Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Tgt Ion:	85	Resp:	44727
Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.2	48.6





#3

Chloromethane

Concen: 7.617 ug/l

RT: 1.53 min Scan# 59

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion: 50 Resp: 69186

Ion Ratio Lower Upper

50 100

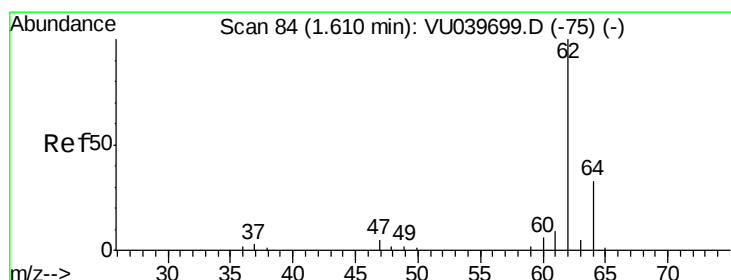
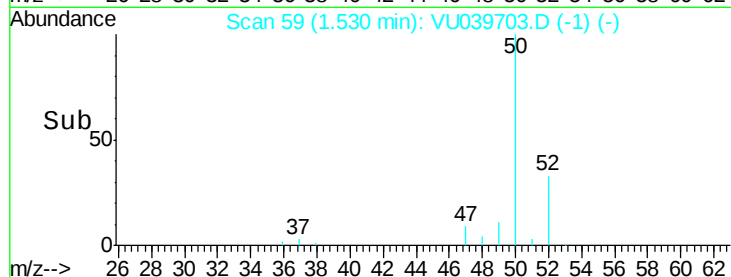
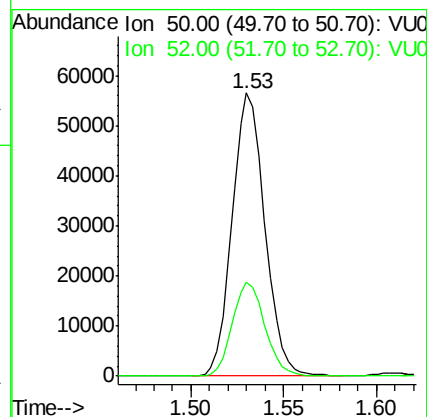
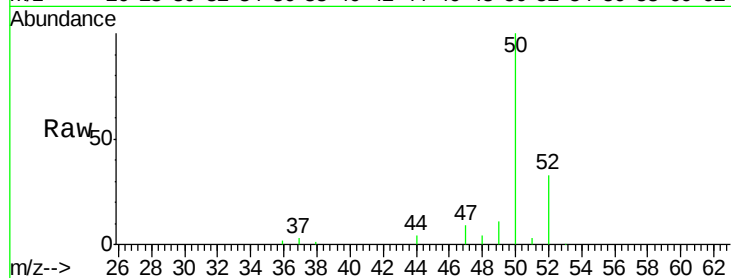
52 33.2 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 8.257 ug/l

RT: 1.61 min Scan# 84

Delta R.T. -0.00 min

Lab File: VU039703.D

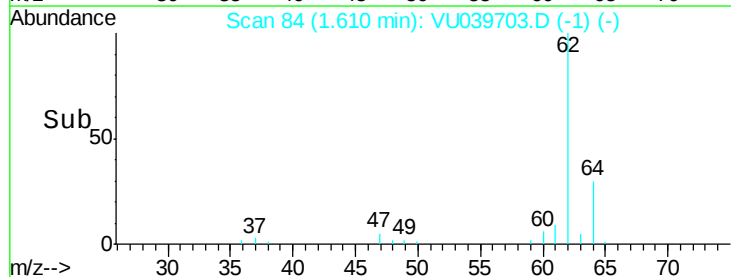
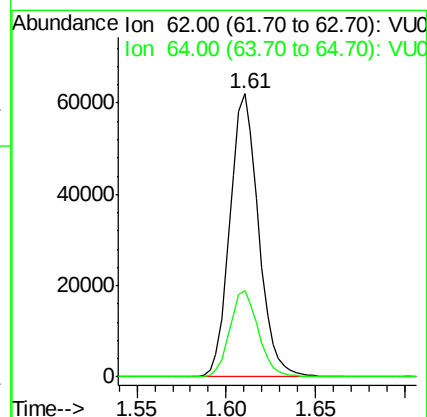
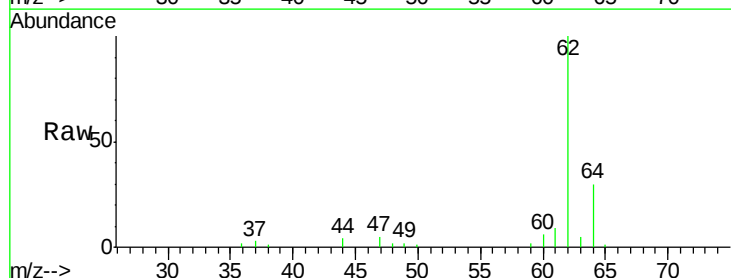
Acq: 29 Jul 2020 14:36

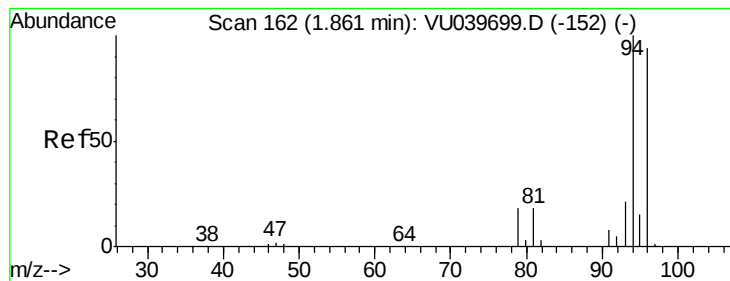
Tgt Ion: 62 Resp: 69126

Ion Ratio Lower Upper

62 100

64 30.3 26.0 39.0





#5

Bromomethane

Concen: 8.447 ug/l

RT: 1.86 min Scan# 163

Delta R.T. 0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion: 94 Resp: 48362

Ion Ratio Lower Upper

94 100

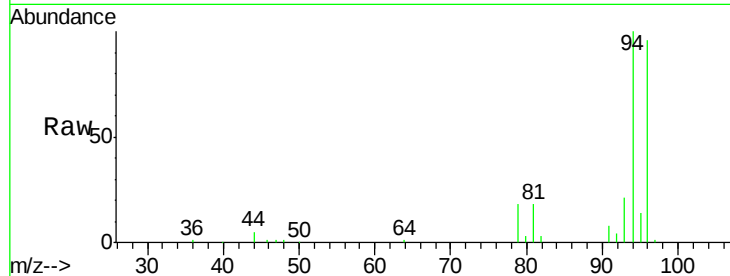
96 95.6 75.0 112.6

Manual Integrations

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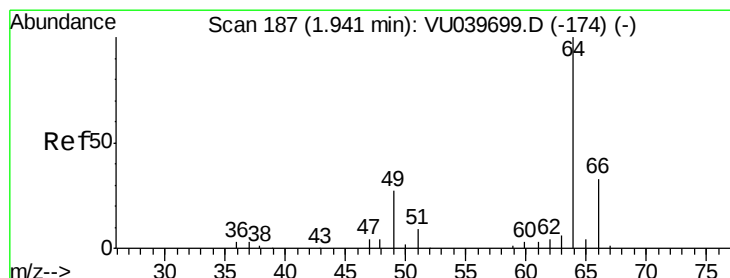
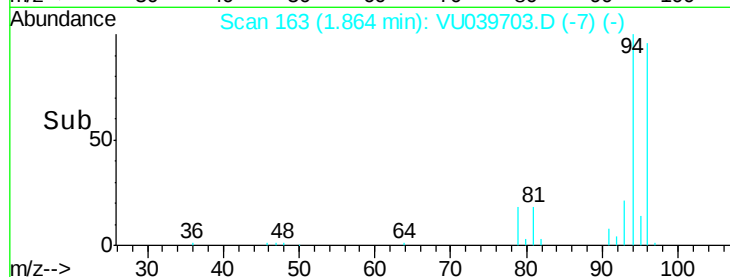
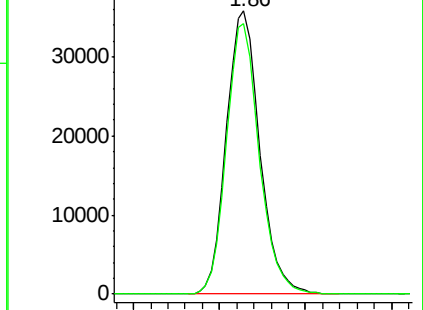
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Abundance Ion 94.00 (93.70 to 94.70): VU039699.D (-152) (-)

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



#6

Chloroethane

Concen: 8.441 ug/l

RT: 1.94 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU039703.D

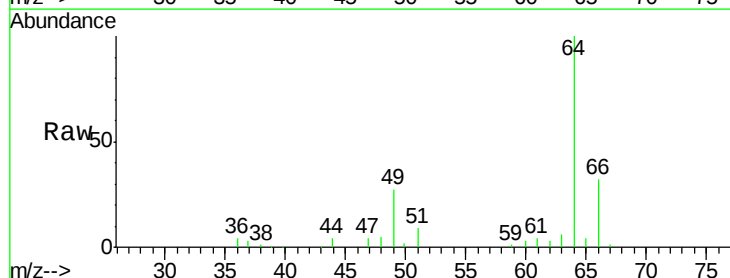
Acq: 29 Jul 2020 14:36

Tgt Ion: 64 Resp: 49031

Ion Ratio Lower Upper

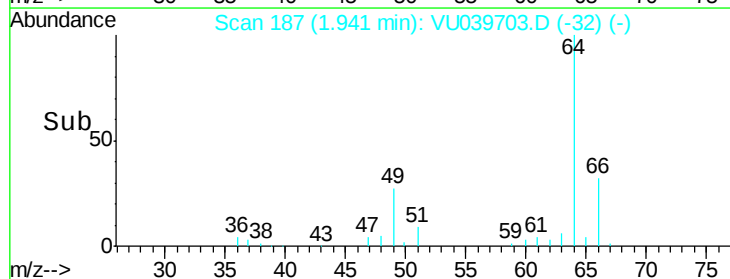
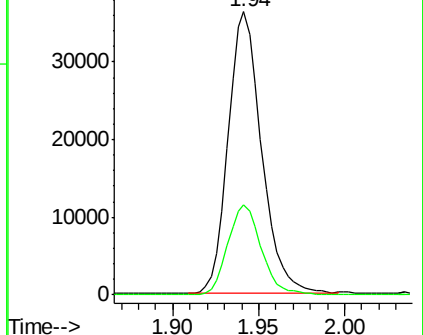
64 100

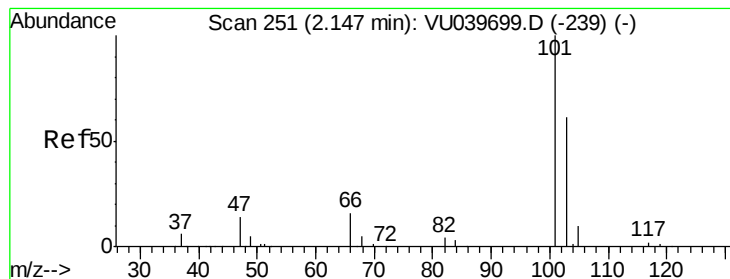
66 32.0 26.2 39.2



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

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





#7

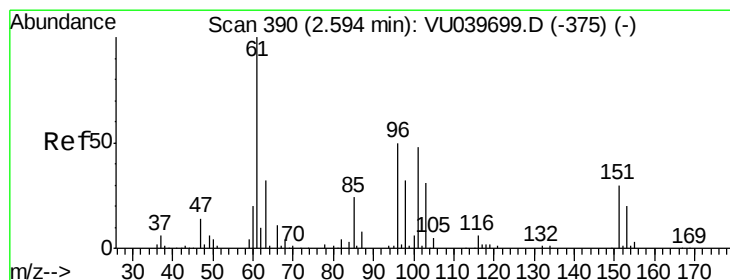
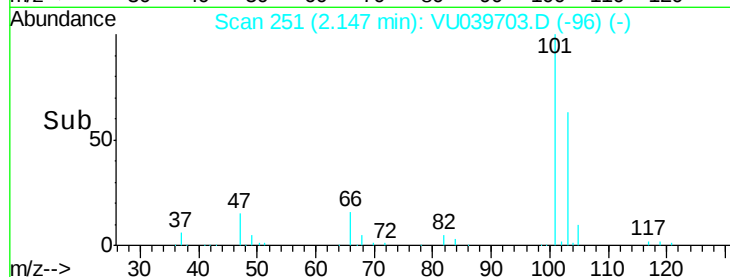
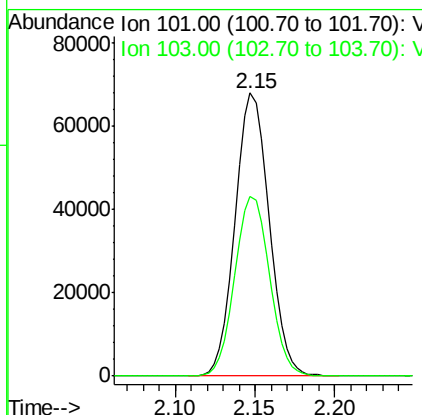
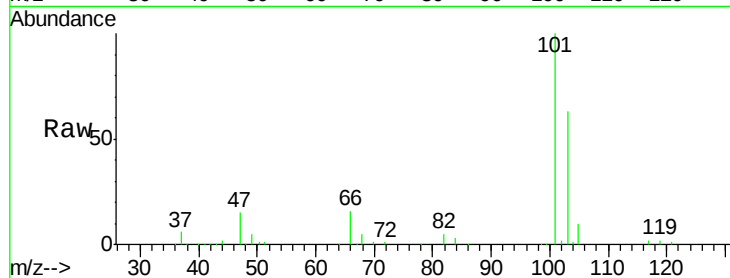
Trichlorofluoromethane
Concen: 8.885 ug/l
RT: 2.15 min Scan# 251
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	98379		
103	63.4	48.8	73.2	

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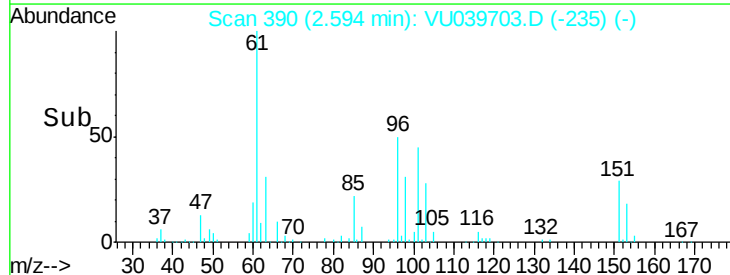
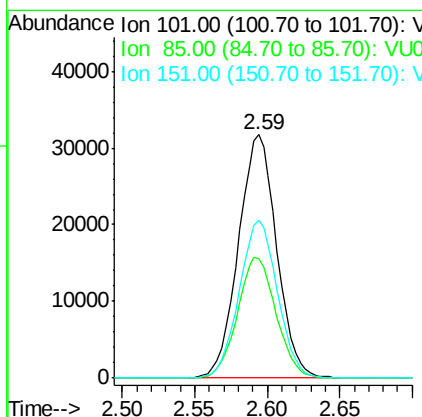
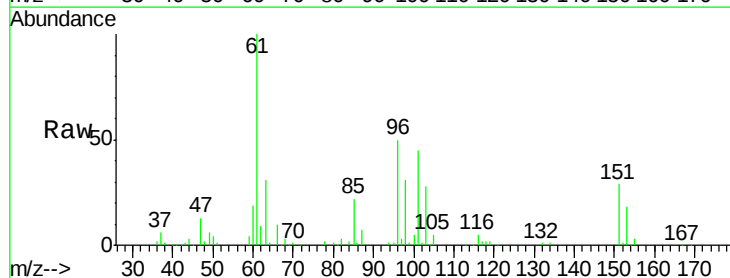
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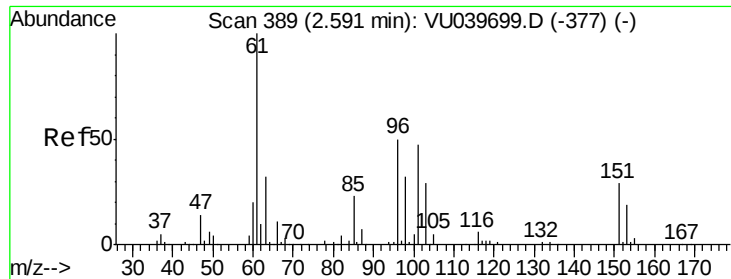


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 9.137 ug/l
RT: 2.59 min Scan# 390
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	58064		
85	50.0	39.9	59.9	
151	64.6	51.0	76.4	





#9

1,1-Dichloroethene

Concen: 9.653 ug/l

RT: 2.59 min Scan# 389

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

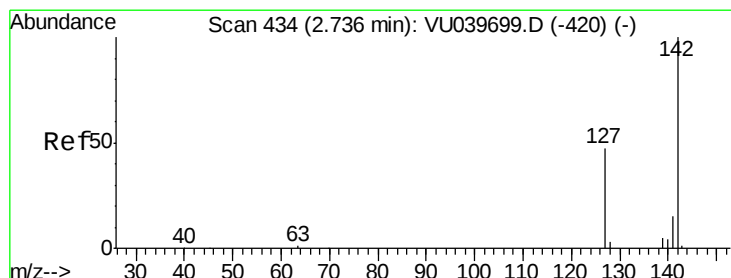
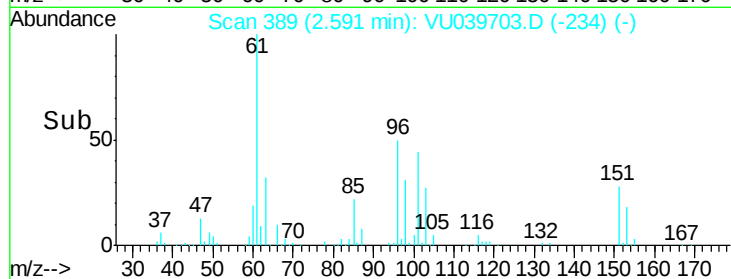
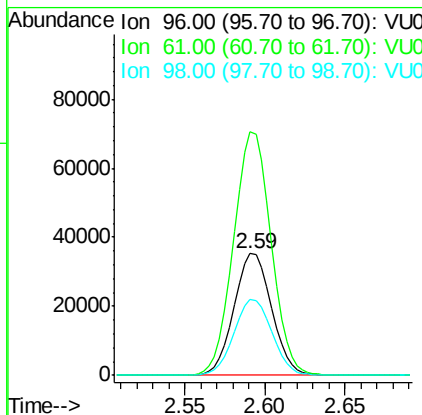
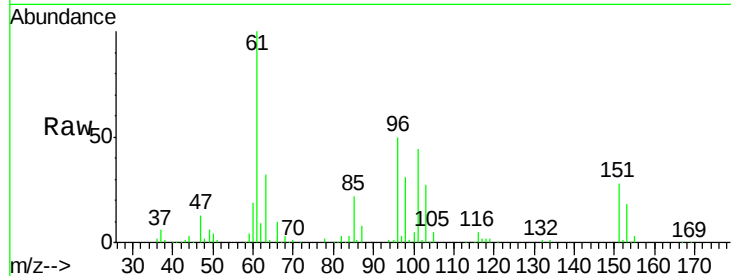
ClientSampleId :

ICVVU072920

Tgt Ion:	96	Resp:	56442
Ion Ratio	Lower	Upper	
96	100		
61	200.3	0.0	604.5
98	62.4	0.0	127.2

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#10

Iodomethane

Concen: 9.243 ug/l

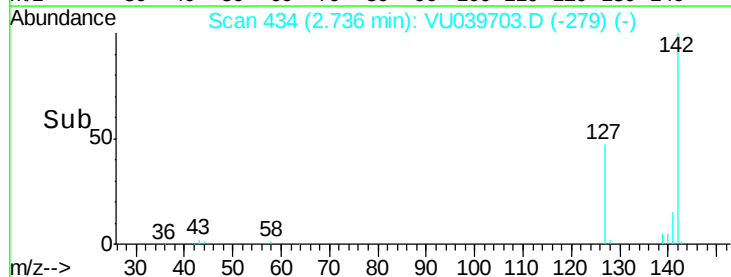
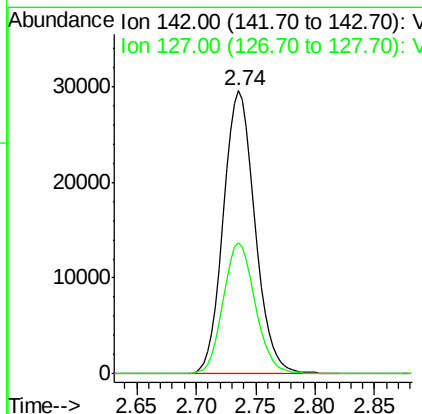
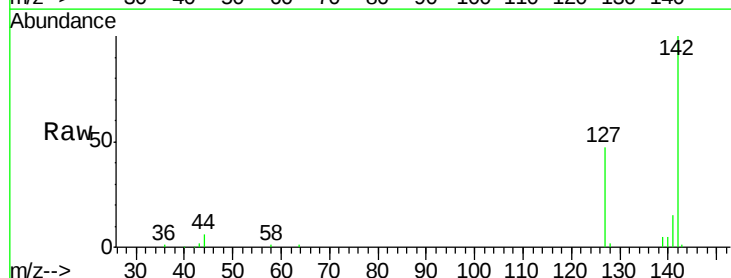
RT: 2.74 min Scan# 434

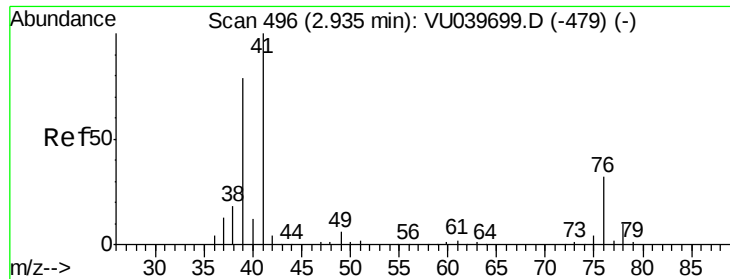
Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Tgt Ion:	142	Resp:	54508
Ion Ratio	Lower	Upper	
142	100		
127	46.9	38.4	57.6





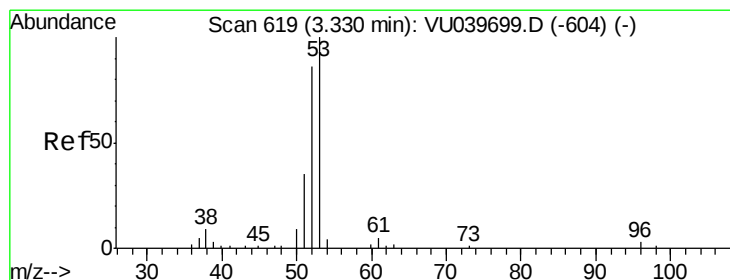
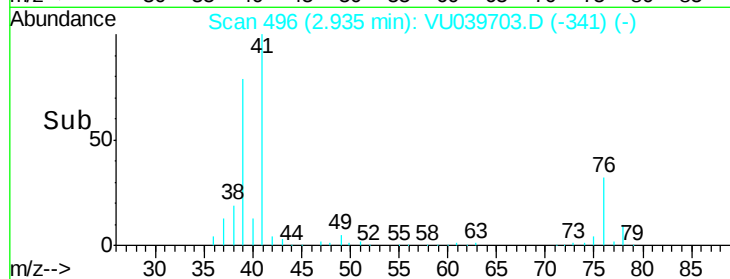
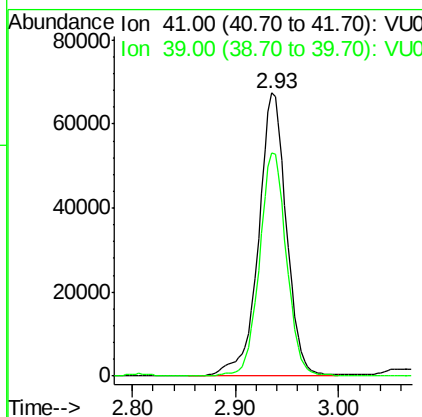
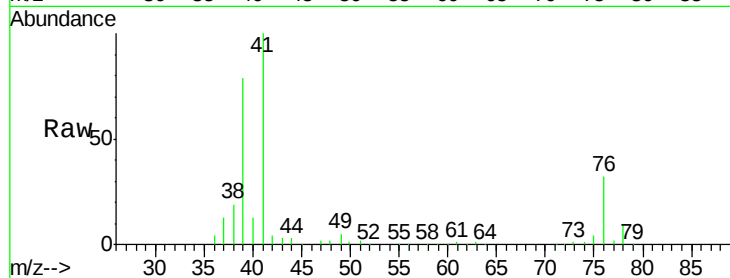
#11
 Allyl Chloride
 Concen: 10.008 ug/l
 RT: 2.93 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

Tgt Ion: 41 Resp: 126222
 Ion Ratio Lower Upper
 41 100
 39 75.7 64.2 96.2

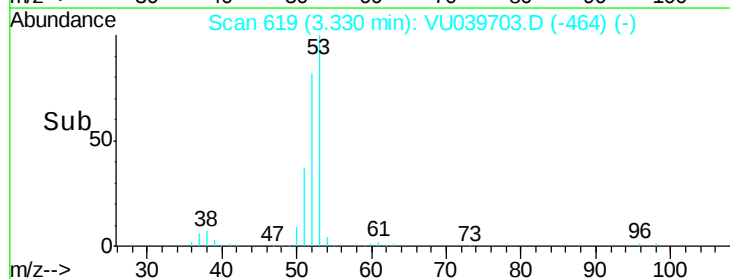
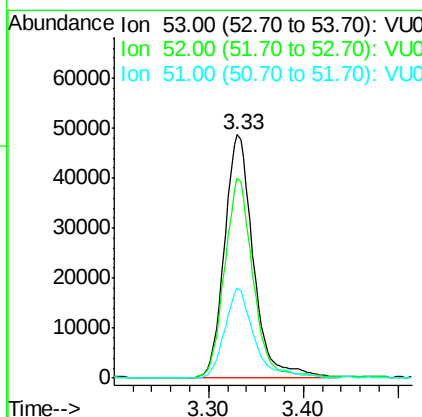
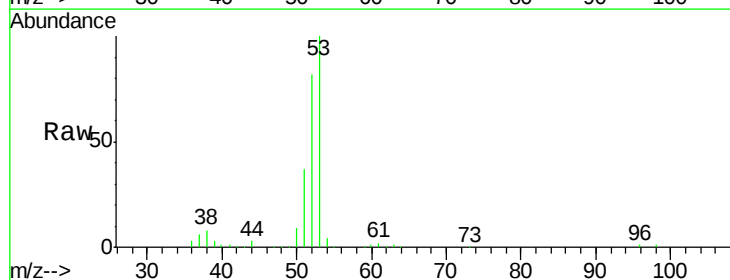
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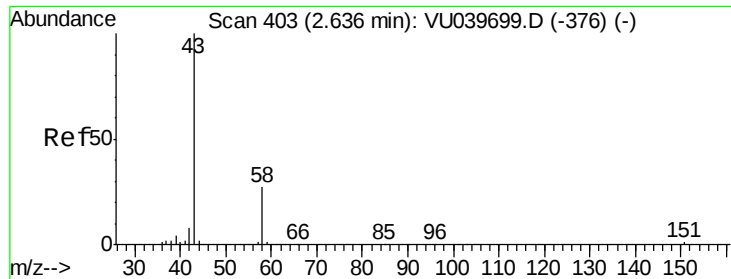
MMDadoda
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#12
 Acrylonitrile
 Concen: 50.569 ug/l
 RT: 3.33 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 53 Resp: 103781
 Ion Ratio Lower Upper
 53 100
 52 80.8 69.1 103.7
 51 37.9 29.4 44.2





#13

Acetone

Concen: 66.799 ug/l

RT: 2.64 min Scan# 403

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion: 43 Resp: 129383

Ion Ratio Lower Upper

43 100

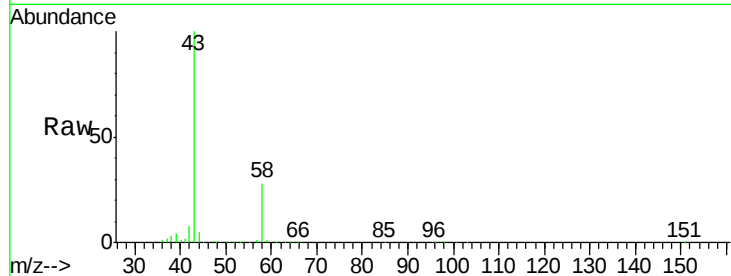
58 27.7 21.8 32.6

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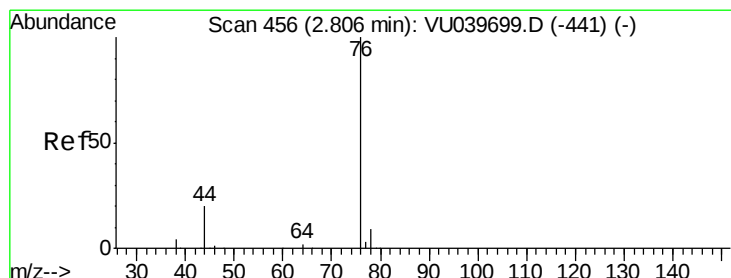
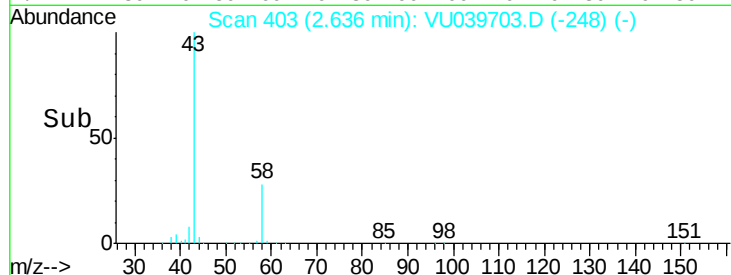
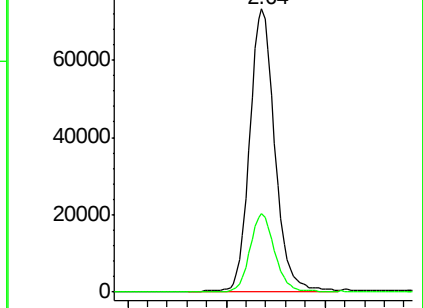
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Abundance Ion 43.00 (42.70 to 43.70): VU039699.D (-376) (-)

Ion 58.00 (57.70 to 58.70): VU039699.D (-376) (-)



#14

Carbon Disulfide

Concen: 7.990 ug/l

RT: 2.80 min Scan# 455

Delta R.T. -0.00 min

Lab File: VU039703.D

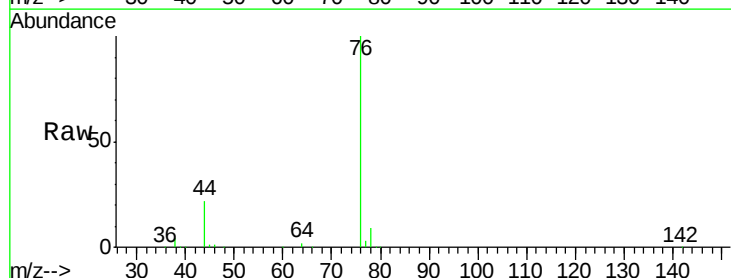
Acq: 29 Jul 2020 14:36

Tgt Ion: 76 Resp: 171318

Ion Ratio Lower Upper

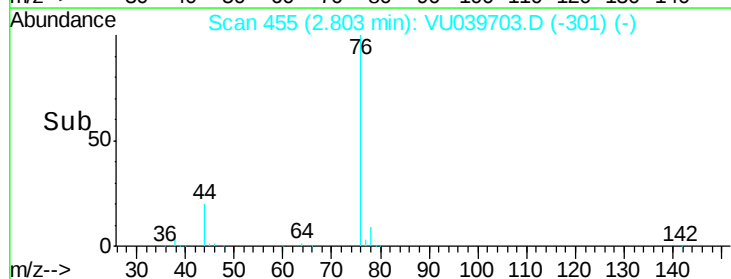
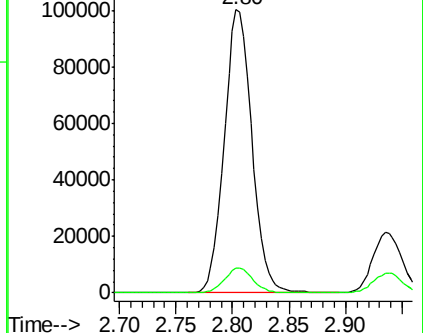
76 100

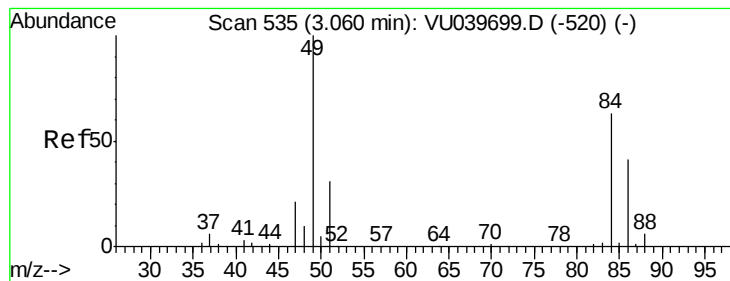
78 8.7 7.0 10.6



Abundance Ion 76.00 (75.70 to 76.70): VU039699.D (-441) (-)

Ion 78.00 (77.70 to 78.70): VU039699.D (-441) (-)





#15

Methylene Chloride

Concen: 8.638 ug/l

RT: 3.06 min Scan# 534

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion: 84 Resp: 70403

Ion Ratio Lower Upper

84 100

49 158.8 126.8 190.2

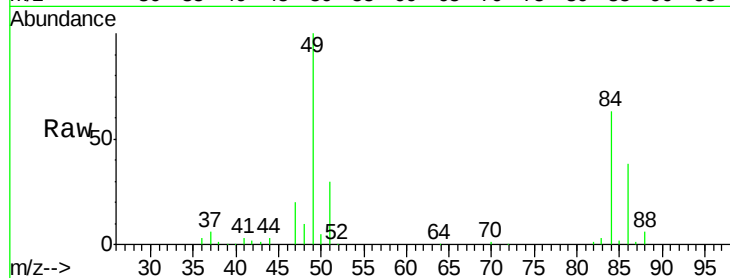
51 48.2 0.0 97.2

86 60.8 51.4 77.2

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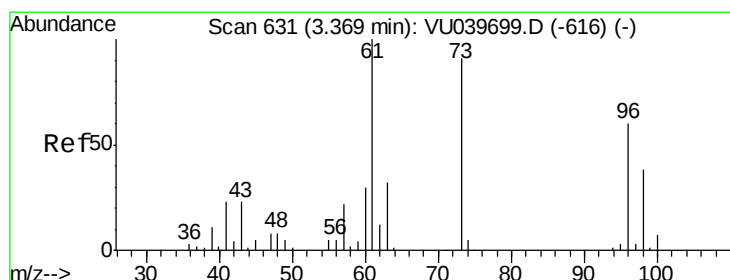
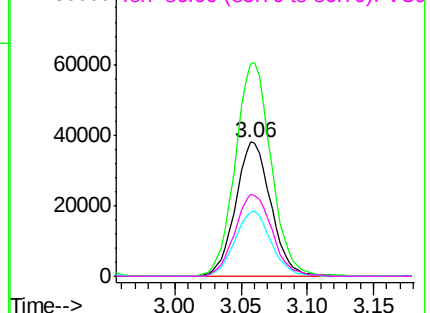
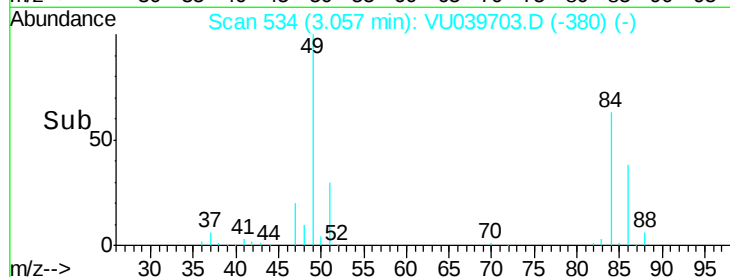


Abundance Ion 84.00 (83.70 to 84.70): VU039699.D (-520) (-)

Ion 49.00 (48.70 to 49.70): VU039699.D (-520) (-)

Ion 51.00 (50.70 to 51.70): VU039699.D (-520) (-)

Ion 86.00 (85.70 to 86.70): VU039699.D (-520) (-)



#16

trans-1,2-Dichloroethene

Concen: 9.575 ug/l

RT: 3.37 min Scan# 630

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

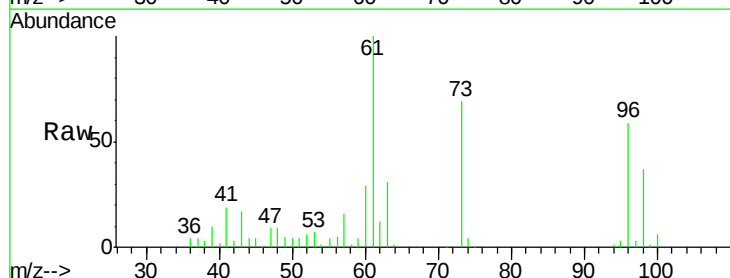
Tgt Ion: 96 Resp: 63651

Ion Ratio Lower Upper

96 100

61 170.8 132.6 199.0

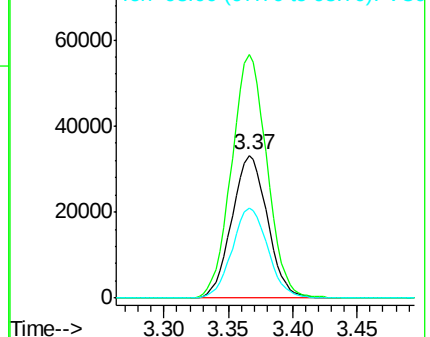
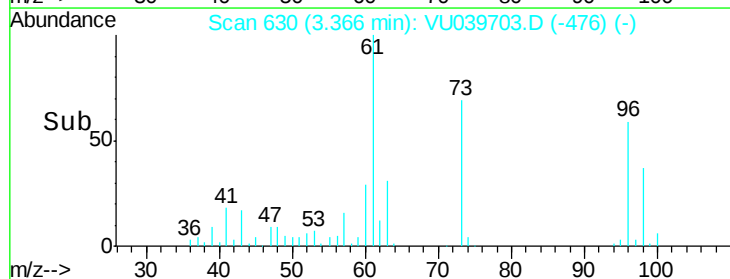
98 62.8 50.2 75.2

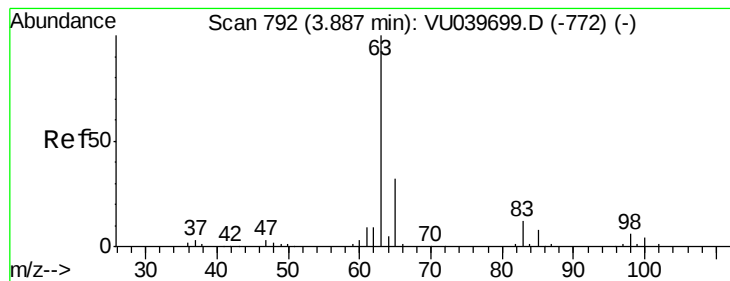


Abundance Ion 96.00 (95.70 to 96.70): VU039699.D (-616) (-)

Ion 61.00 (60.70 to 61.70): VU039699.D (-616) (-)

Ion 98.00 (97.70 to 98.70): VU039699.D (-616) (-)





#17

1,1-Dichloroethane

Concen: 9.744 ug/l

RT: 3.89 min Scan# 792

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

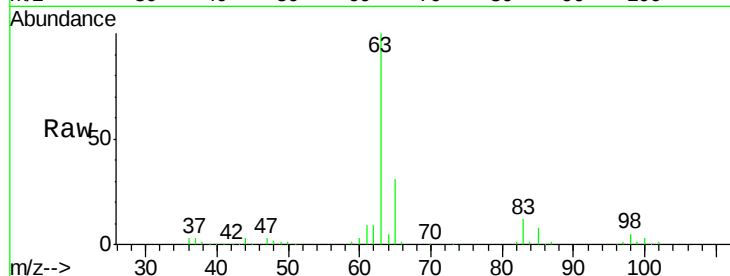
ClientSampleId :

ICVVU072920

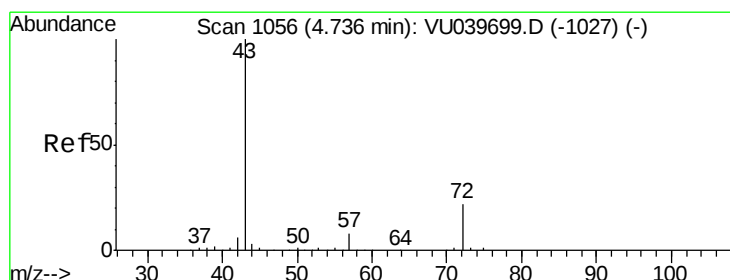
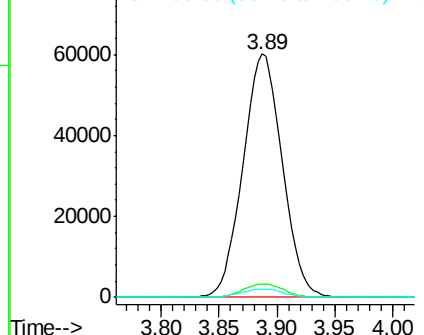
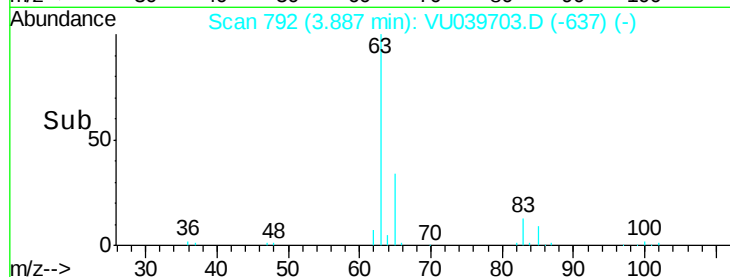
Tgt Ion:	63	Resp:	142239
Ion Ratio	Lower	Upper	
63	100		
98	5.3	2.9	8.7
100	3.5	2.0	6.0

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Abundance Ion 63.00 (62.70 to 63.70): VU039703.D (-637) (-)



#18

2-Butanone

Concen: 51.331 ug/l

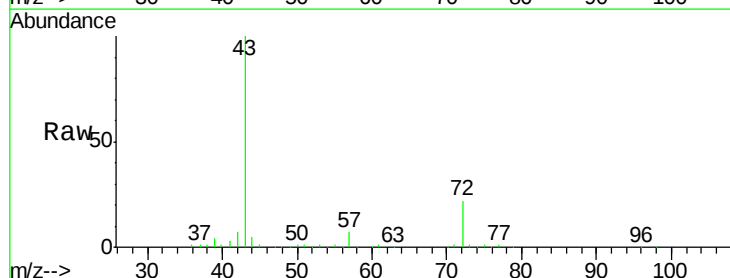
RT: 4.74 min Scan# 1056

Delta R.T. -0.00 min

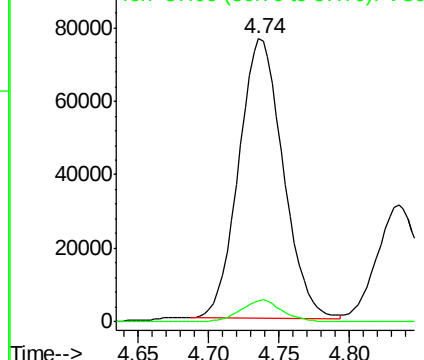
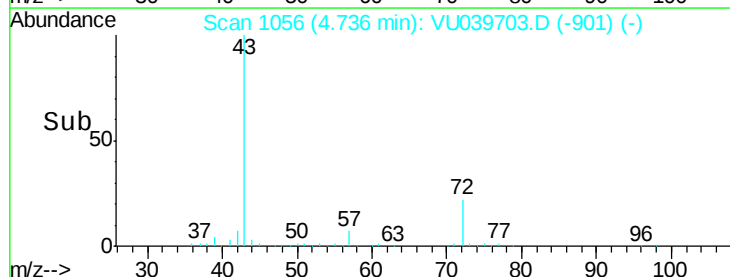
Lab File: VU039703.D

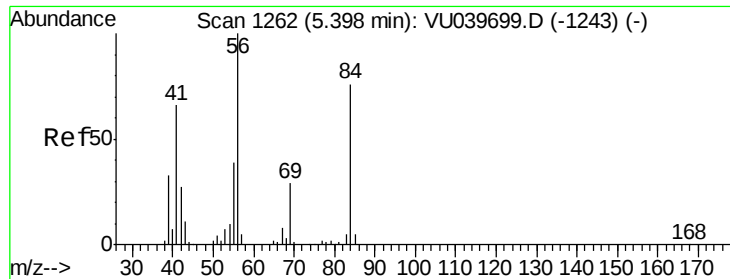
Acq: 29 Jul 2020 14:36

Tgt Ion:	43	Resp:	166682
Ion Ratio	Lower	Upper	
43	100		
57	7.5	0.0	15.2



Abundance Ion 43.00 (42.70 to 43.70): VU039703.D (-901) (-)





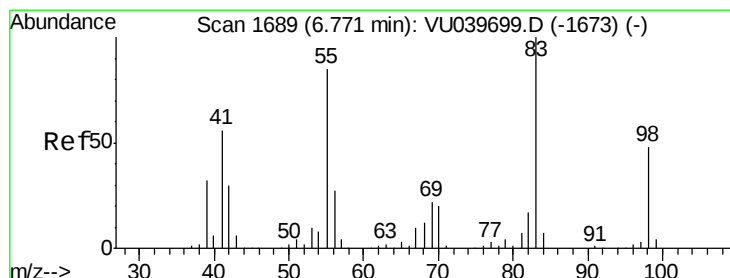
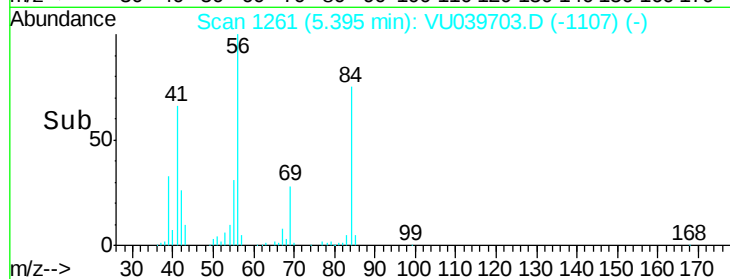
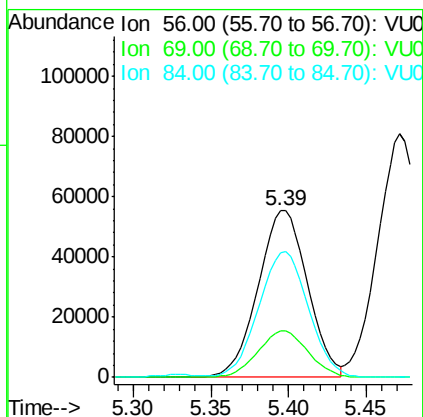
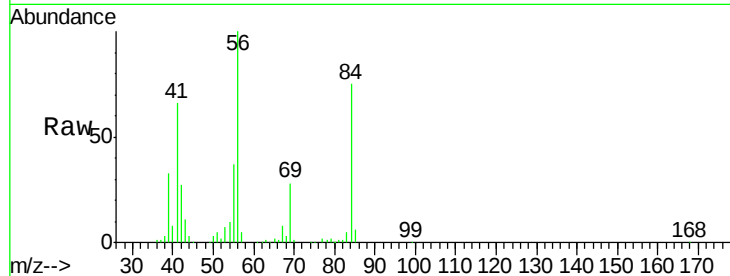
#19
Cyclohexane
Concen: 8.673 ug/l m
RT: 5.39 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampled :
ICVVU072920

Tgt Ion	Ratio	Lower	Upper
56	100		
69	28.3	22.8	34.2
84	74.5	59.9	89.9

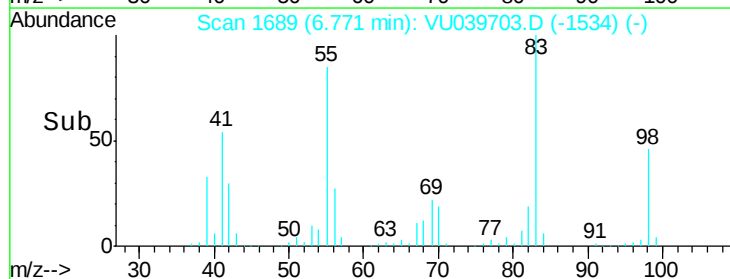
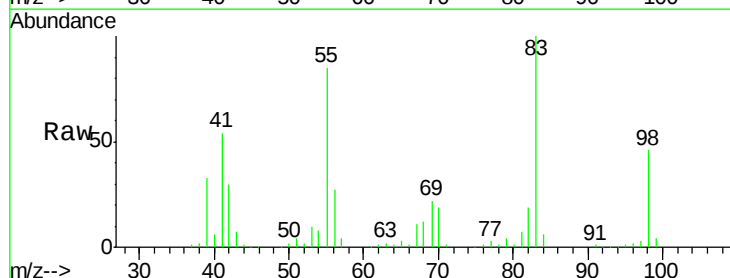
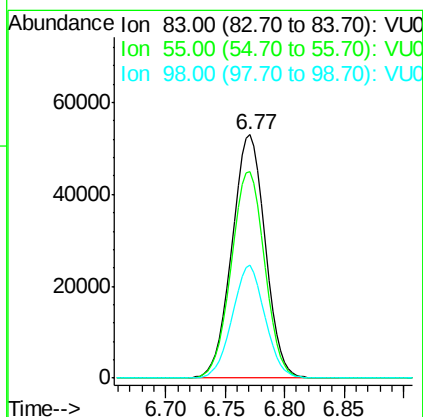
Manual Integrations
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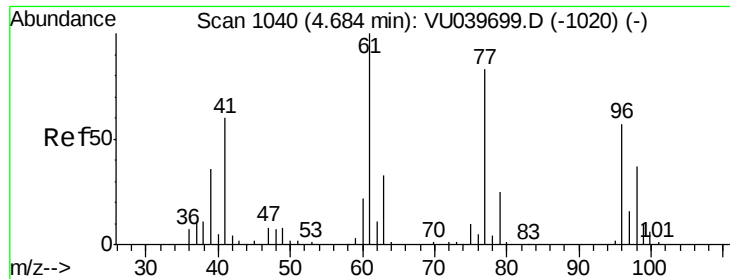
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#20
Methylcyclohexane
Concen: 9.835 ug/l
RT: 6.77 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.7	67.6	101.4
98	45.5	37.3	55.9





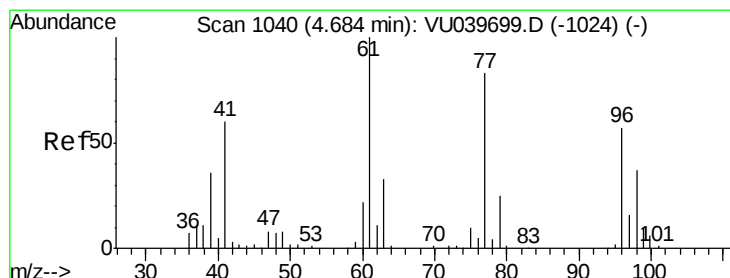
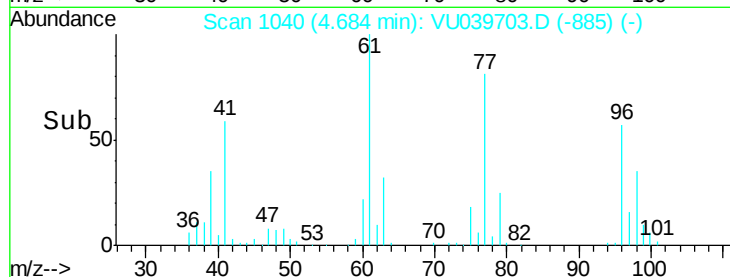
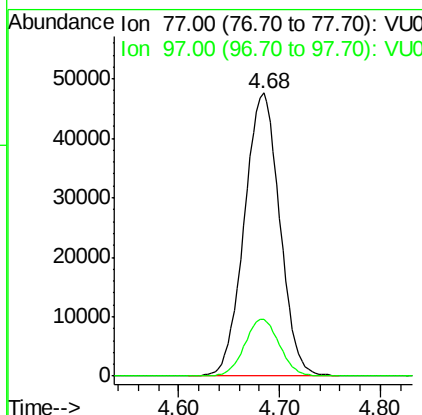
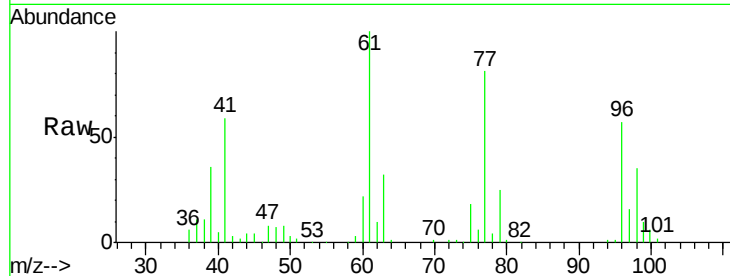
#21
 2,2-Dichloropropane
 Concen: 9.722 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampled :
 ICVVU072920

Tgt Ion: 77 Resp: 115769
 Ion Ratio Lower Upper
 77 100
 97 19.6 15.2 22.8

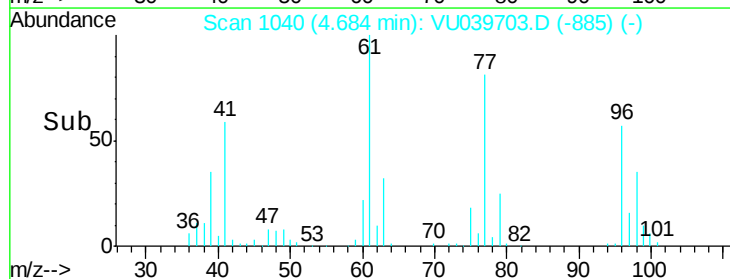
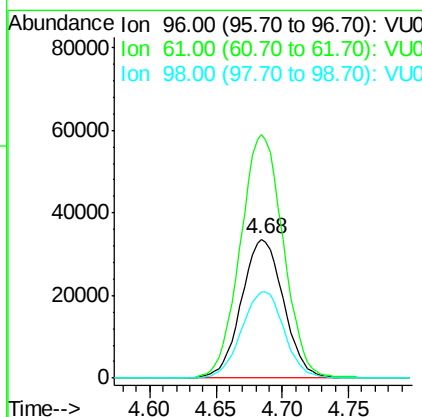
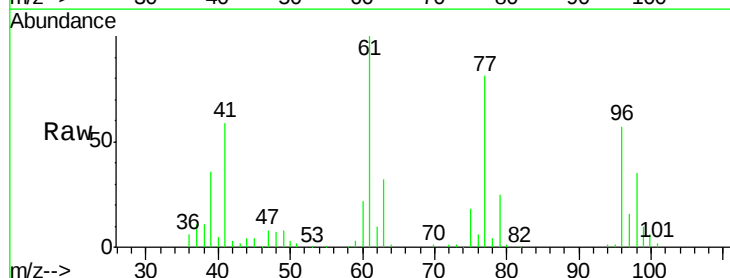
Manual Integrations
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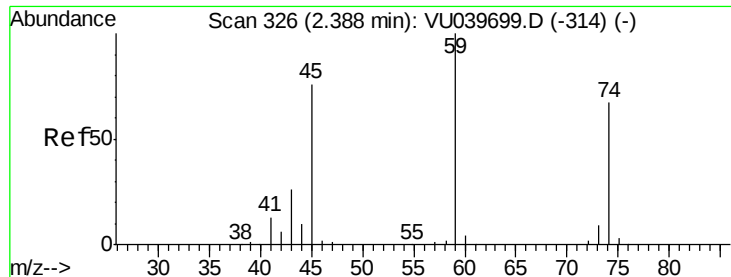
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#22
 cis-1,2-Dichloroethene
 Concen: 10.336 ug/l
 RT: 4.68 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 96 Resp: 74057
 Ion Ratio Lower Upper
 96 100
 61 179.7 0.0 451.3
 98 62.8 32.6 98.0





#23

Diethyl Ether

Concen: 9.080 ug/l

RT: 2.39 min Scan# 326

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

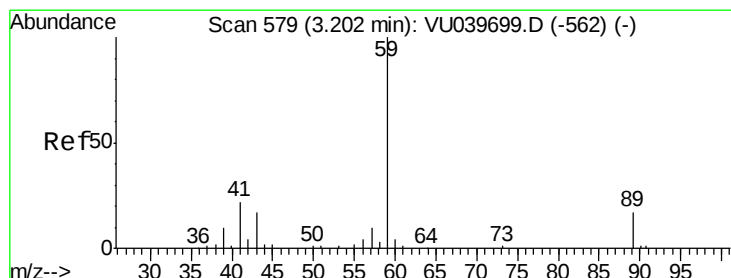
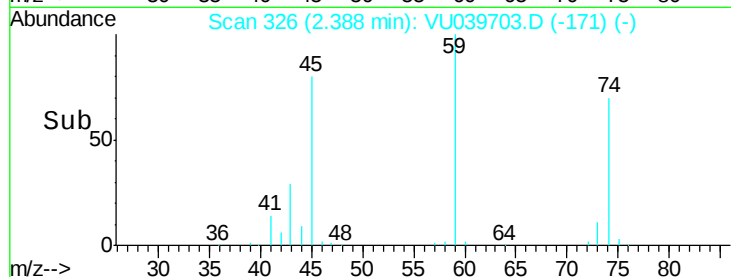
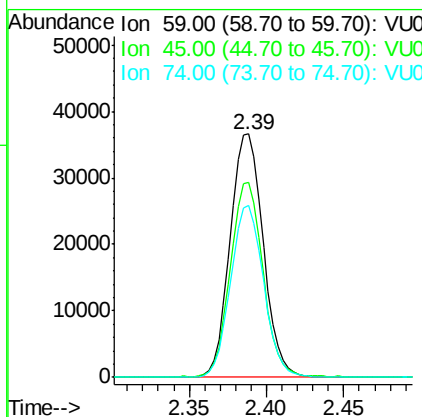
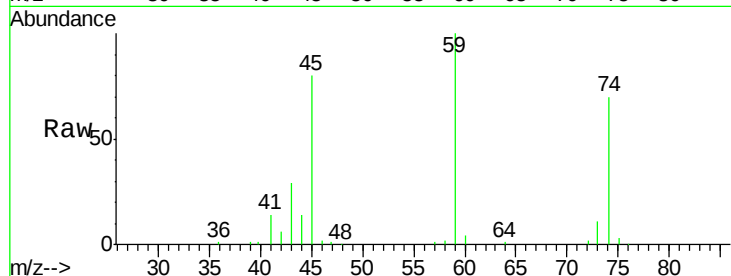
ClientSampleId :

ICVVU072920

Tgt Ion:	59	Resp:	54281
Ion	Ratio	Lower	Upper
59	100		
45	79.5	61.5	92.3
74	70.6	54.3	81.5

Manual Integrations
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#24

tert-Butyl Alcohol

Concen: 46.305 ug/l

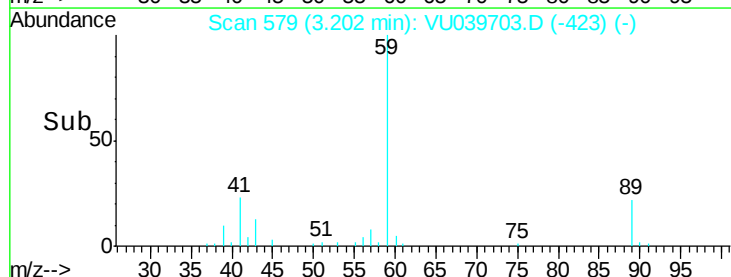
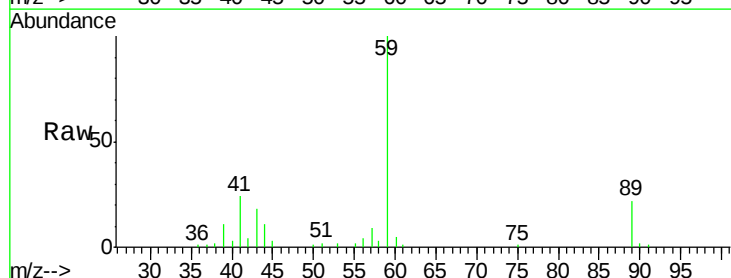
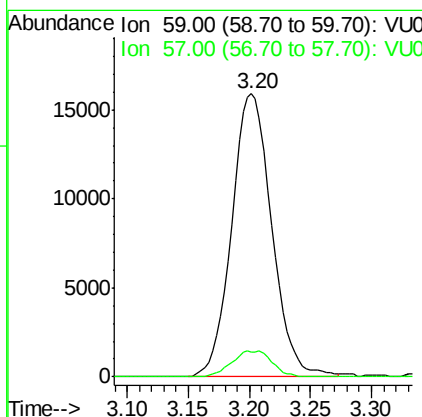
RT: 3.20 min Scan# 579

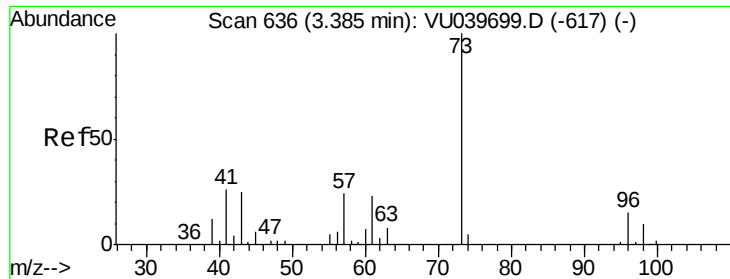
Delta R.T. 0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Tgt Ion:	59	Resp:	36136
Ion	Ratio	Lower	Upper
59	100		
57	9.1	7.8	11.6





#25

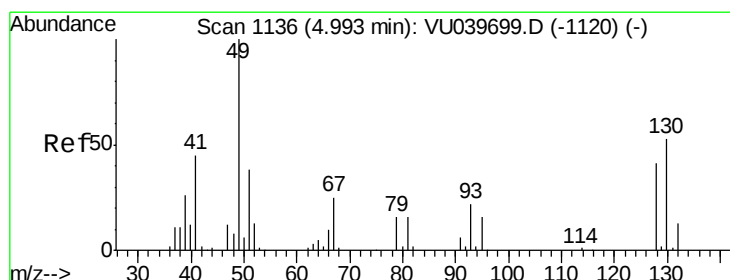
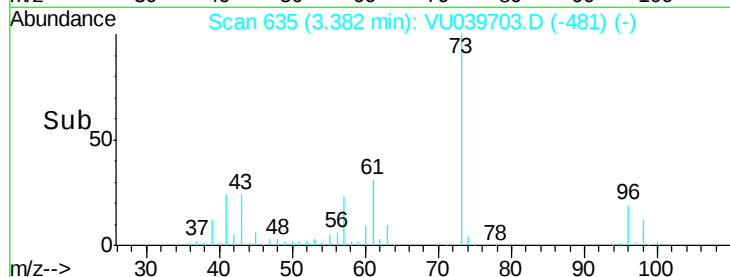
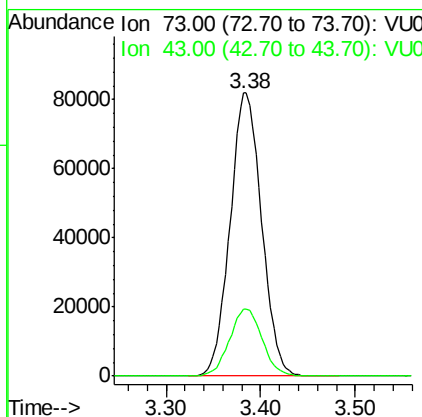
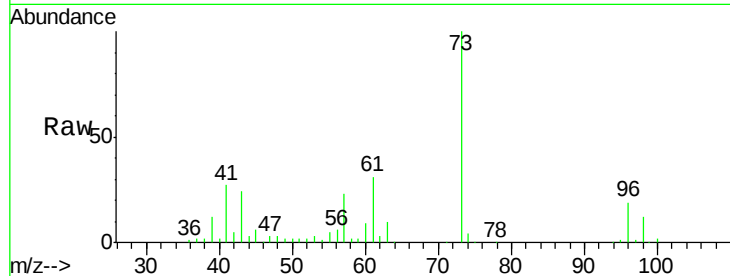
Methyl tert-Butyl Ether
Concen: 9.942 ug/l
RT: 3.38 min Scan# 635
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion: 73 Resp: 189669
Ion Ratio Lower Upper
73 100
43 24.1 20.1 30.1

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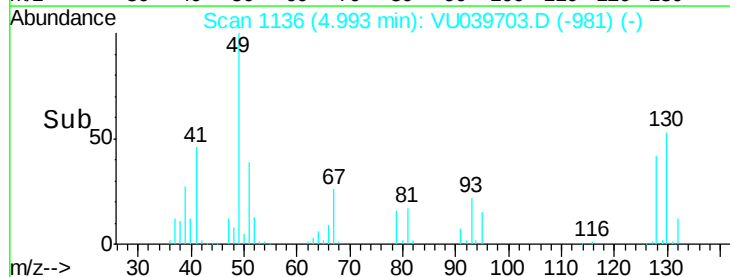
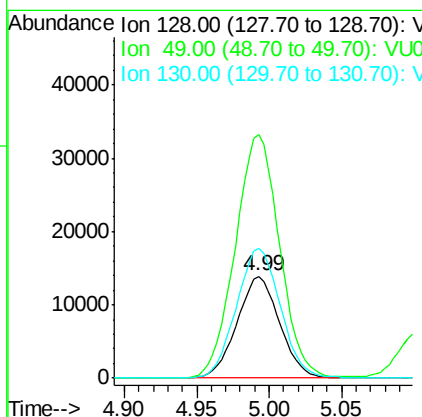
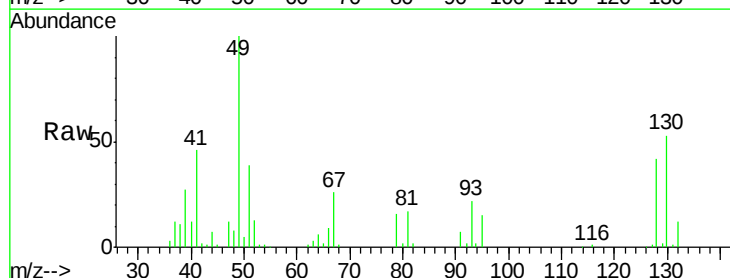
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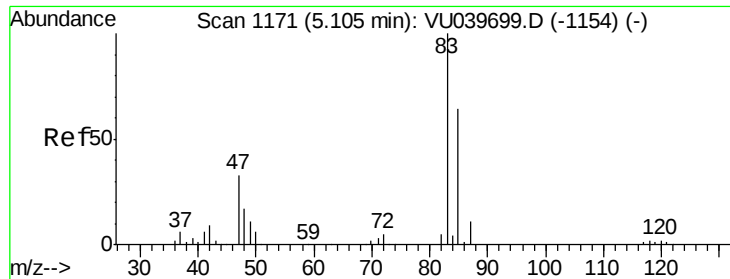


#26

Bromochloromethane
Concen: 9.653 ug/l
RT: 4.99 min Scan# 1136
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion: 128 Resp: 28297
Ion Ratio Lower Upper
128 100
49 249.5 0.0 503.8
130 131.7 102.7 154.1





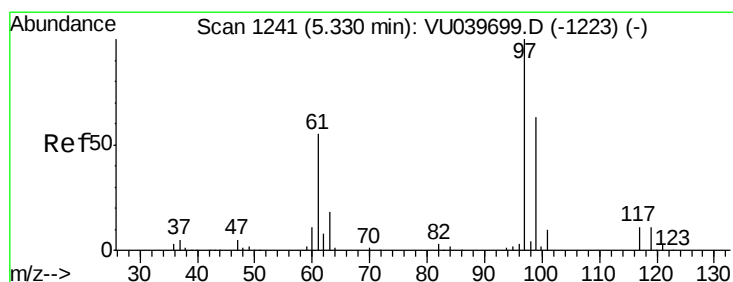
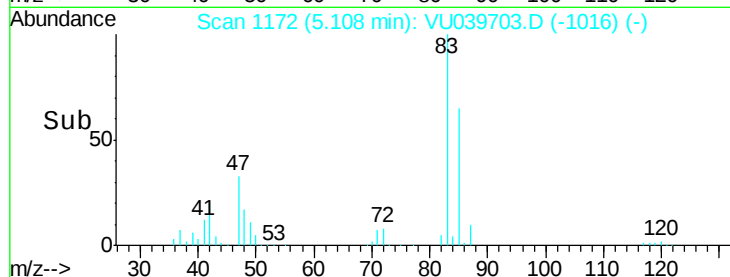
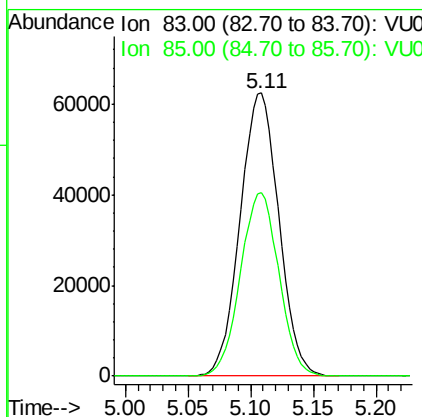
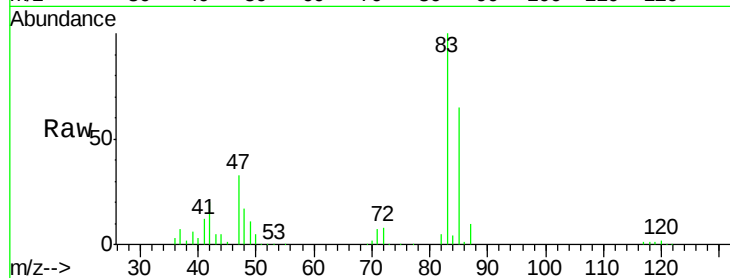
#27
Chloroform
Concen: 9.838 ug/l
RT: 5.11 min Scan# 1172
Delta R.T. 0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	134396		
85	65.1	0.0	128.8	

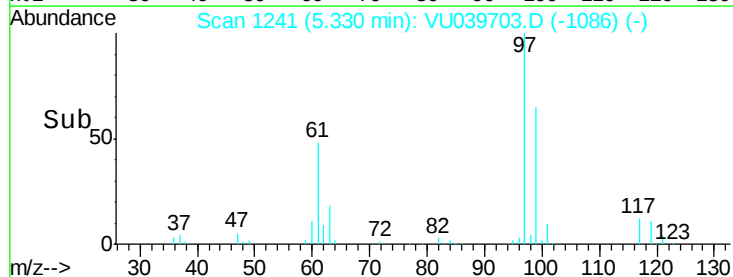
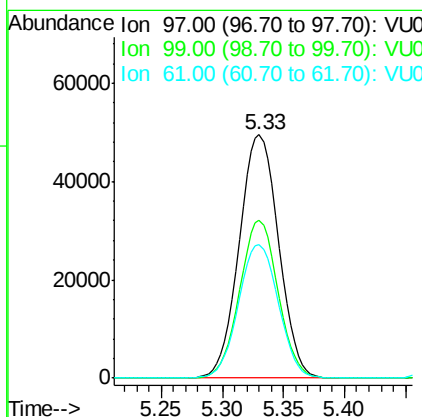
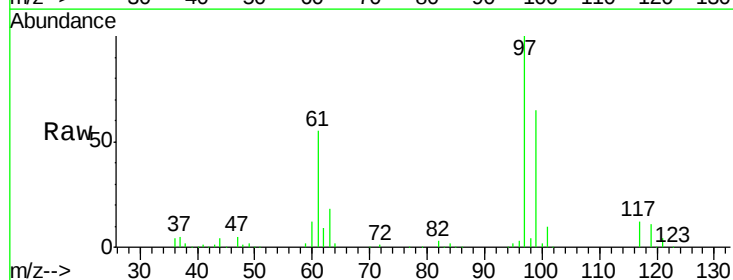
Manual Integrations
APPROVED

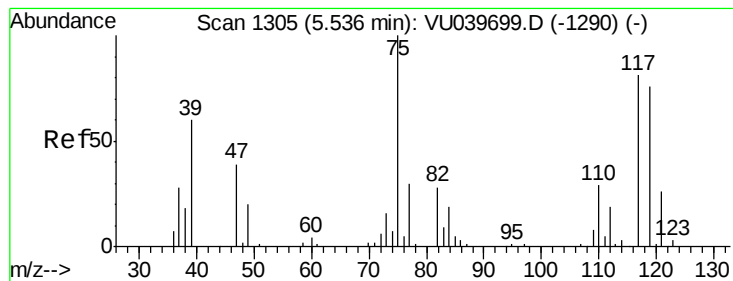
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#28
1,1,1-Trichloroethane
Concen: 9.998 ug/l
RT: 5.33 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	110519		
99	63.4	32.2	96.6	
61	55.6	28.3	85.0	





#29

1,1-Dichloropropene

Concen: 9.644 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion: 75 Resp: 102654
Ion Ratio Lower Upper

75 100

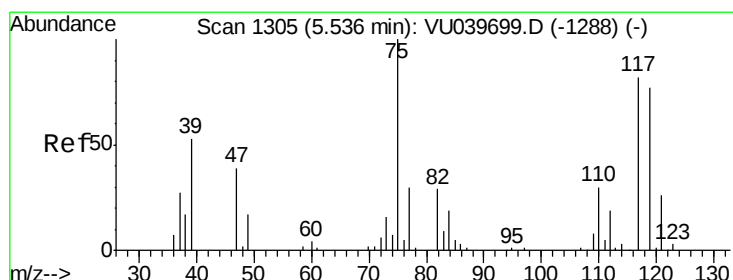
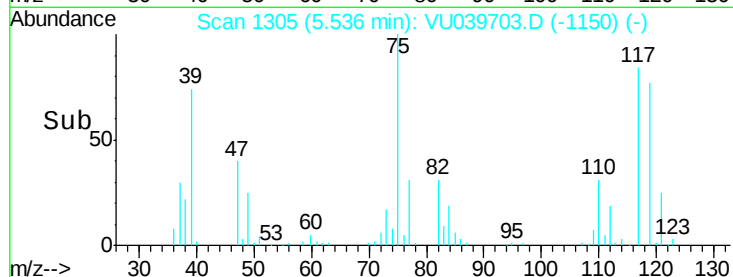
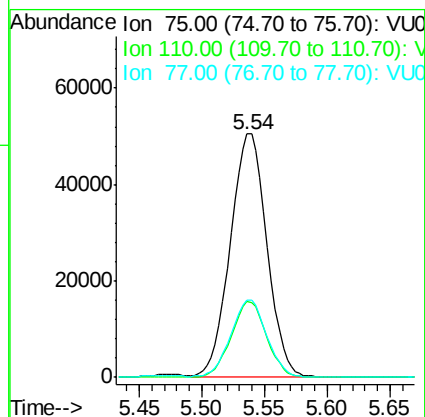
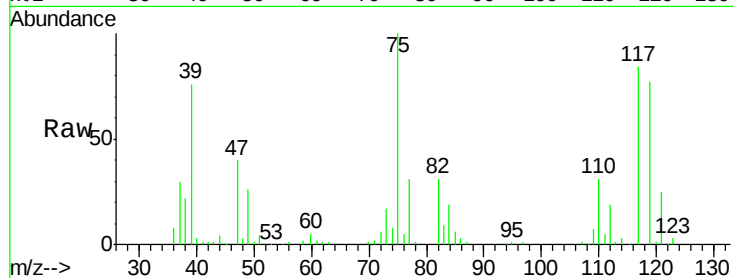
110 30.0 14.6 44.0

77 31.4 25.0 37.4

Manual Integrations
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#30

Carbon Tetrachloride

Concen: 9.950 ug/l

RT: 5.54 min Scan# 1305

Delta R.T. -0.00 min

Lab File: VU039703.D

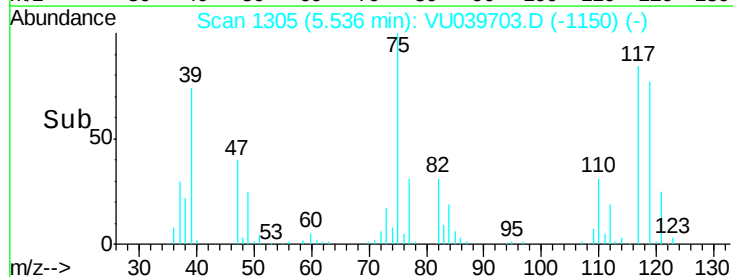
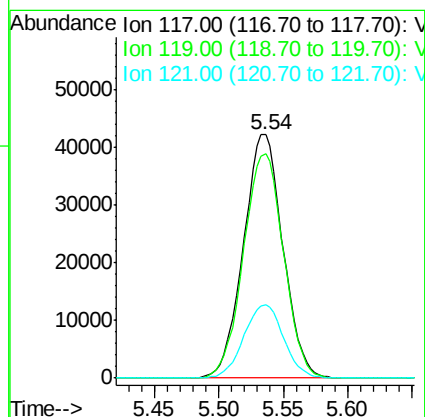
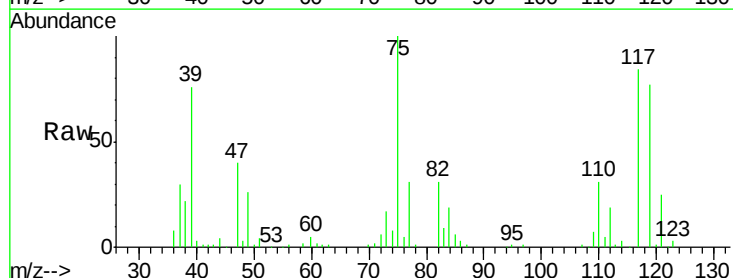
Acq: 29 Jul 2020 14:36

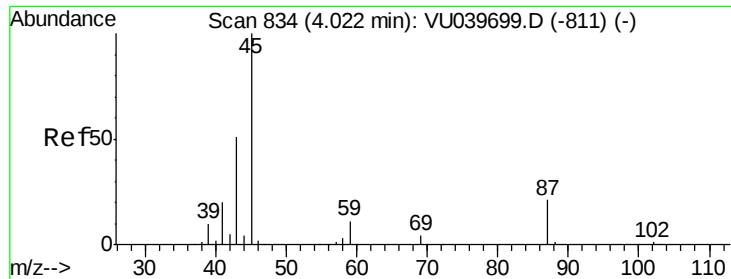
Tgt Ion: 117 Resp: 89937
Ion Ratio Lower Upper

117 100

119 92.0 75.2 112.8

121 30.1 25.4 38.2





#31

Isopropyl Ether

Concen: 10.278 ug/l

RT: 4.02 min Scan# 833

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion: 45 Resp: 273632
Ion Ratio Lower Upper

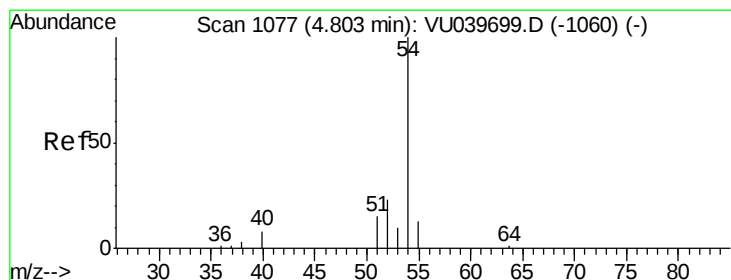
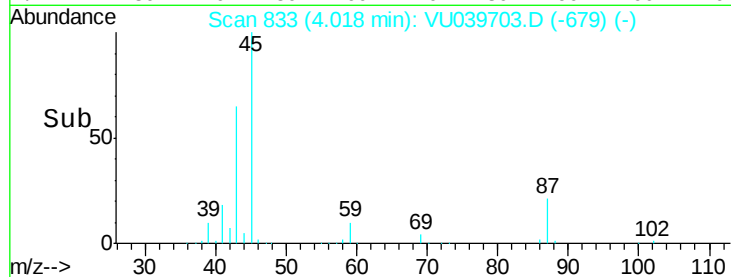
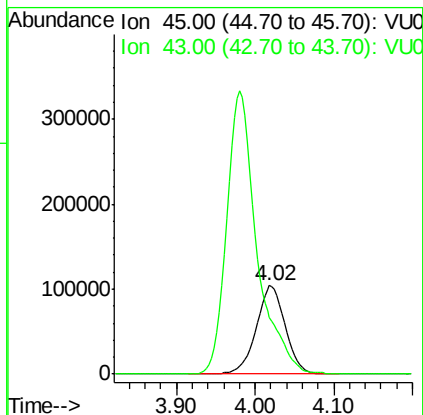
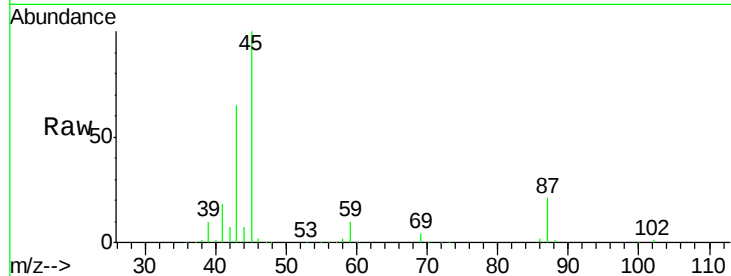
45 100

43 322.1 26.5 79.4#

Manual Integrations
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#34

Propionitrile

Concen: 97.337 ug/l

RT: 4.80 min Scan# 1077

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

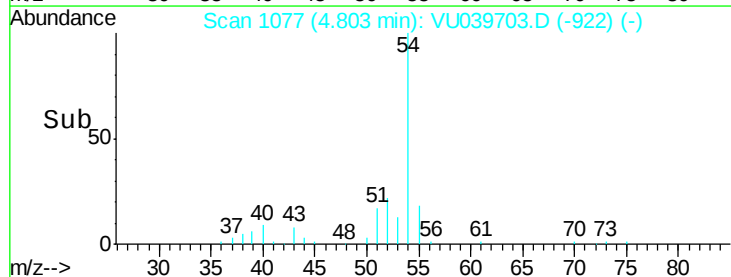
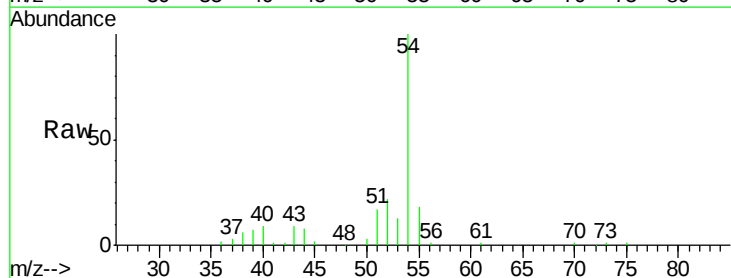
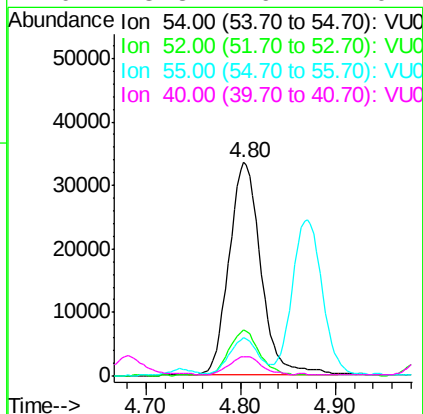
Tgt Ion: 54 Resp: 77971
Ion Ratio Lower Upper

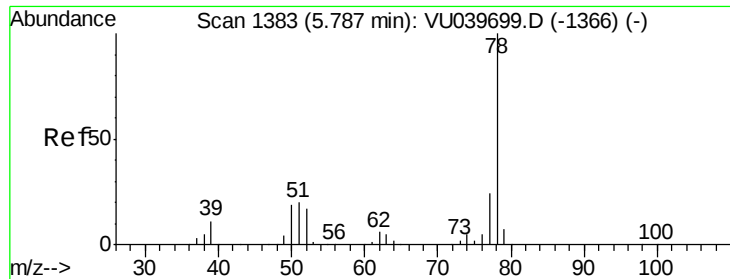
54 100

52 20.1 16.9 25.3

55 16.4 12.9 19.3

40 8.3 6.2 9.2





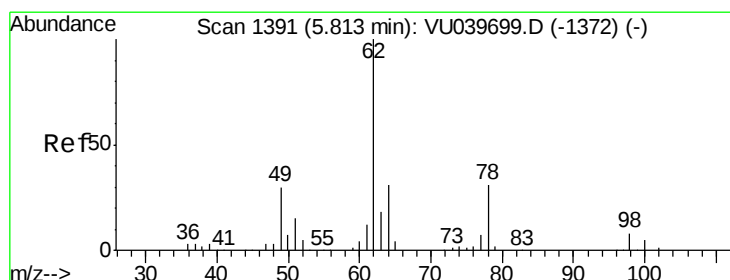
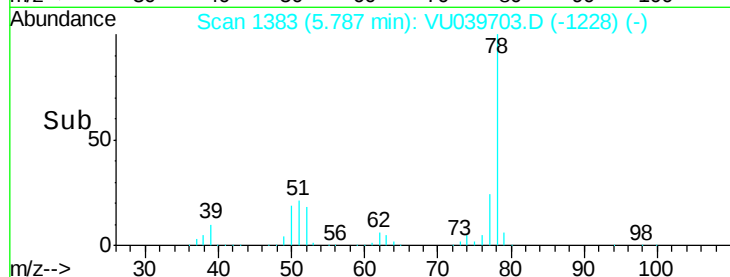
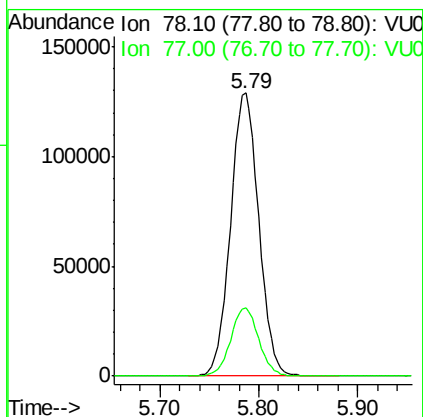
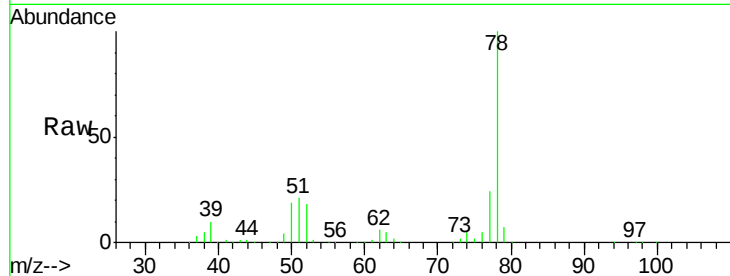
#35
Benzene
Concen: 9.780 ug/l
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion: 78 Resp: 257493
Ion Ratio Lower Upper
78 100
77 24.0 19.2 28.8

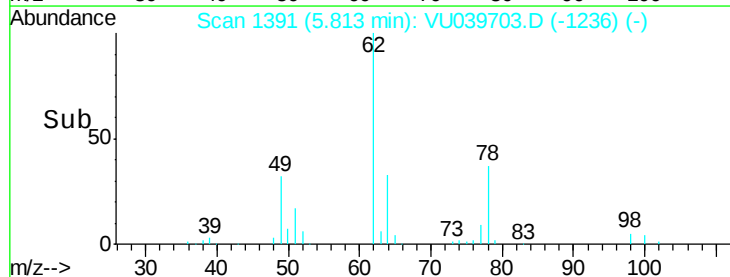
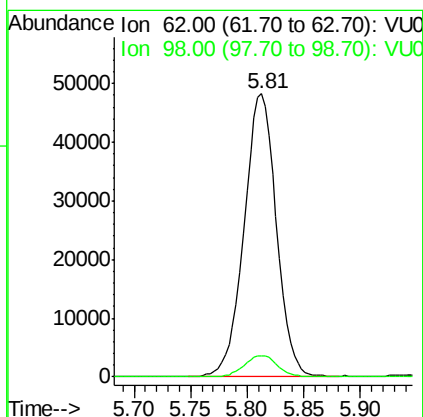
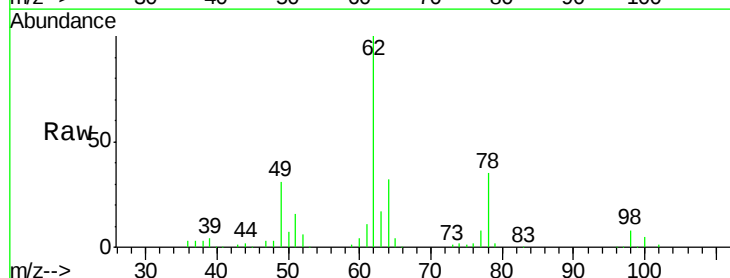
Manual Integrations
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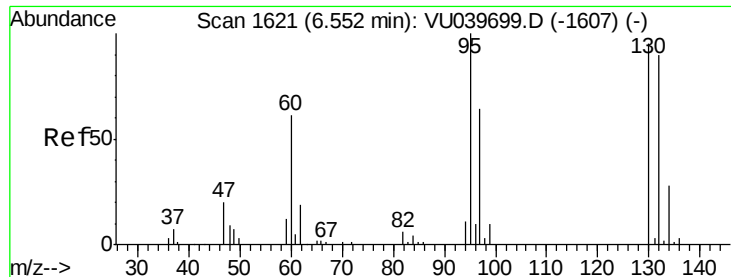
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#36
1,2-Dichloroethane
Concen: 9.730 ug/l
RT: 5.81 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion: 62 Resp: 96036
Ion Ratio Lower Upper
62 100
98 7.7 6.2 9.2





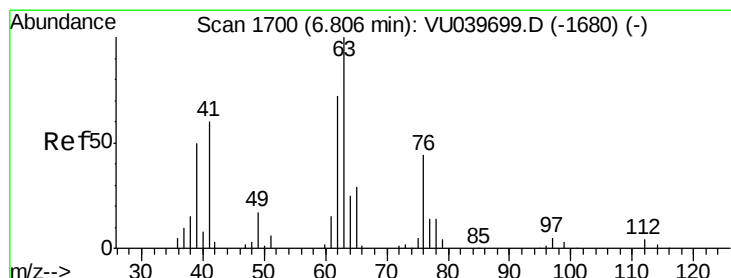
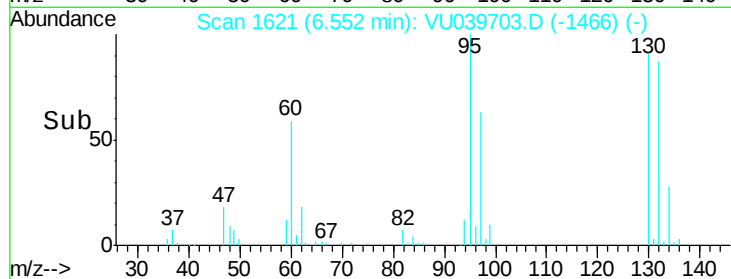
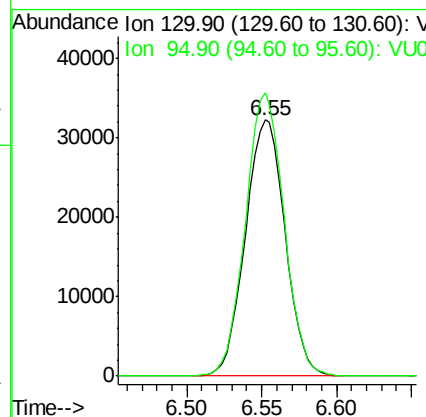
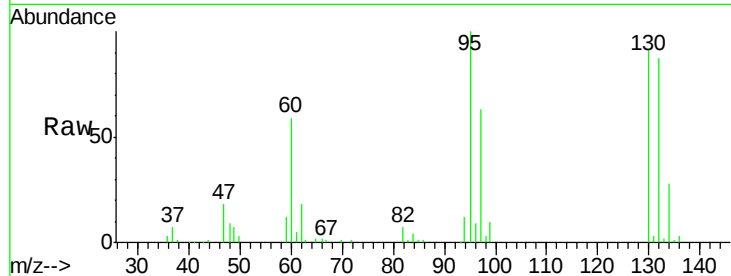
#37
 Trichloroethene
 Concen: 9.906 ug/l
 RT: 6.55 min Scan# 1621
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

Tgt Ion: 130 Resp: 59677
 Ion Ratio Lower Upper
 130 100
 95 110.4 84.3 126.5

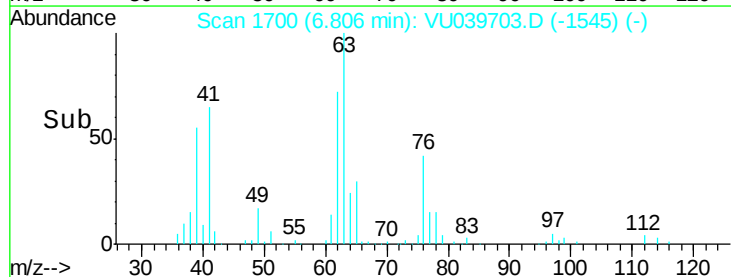
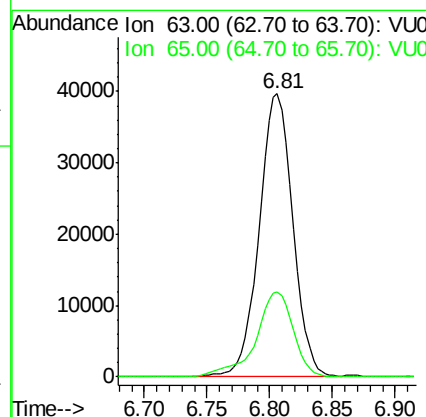
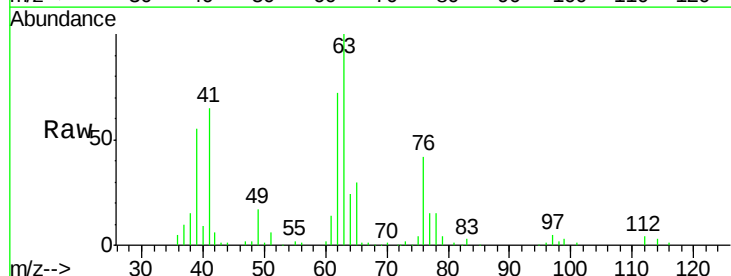
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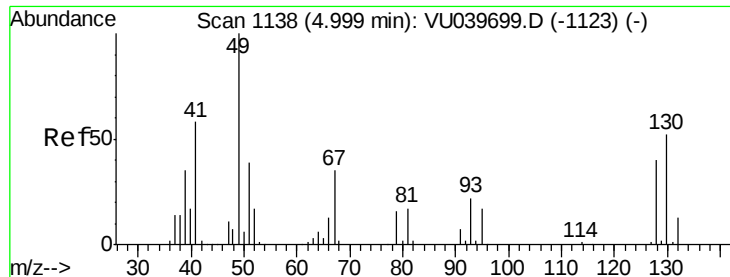
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#38
 1,2-Dichloropropane
 Concen: 10.216 ug/l
 RT: 6.81 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 63 Resp: 74138
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.8 35.6





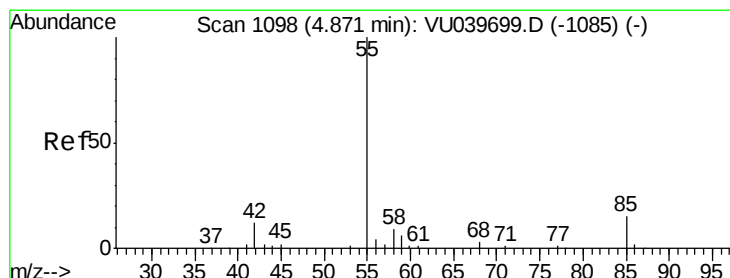
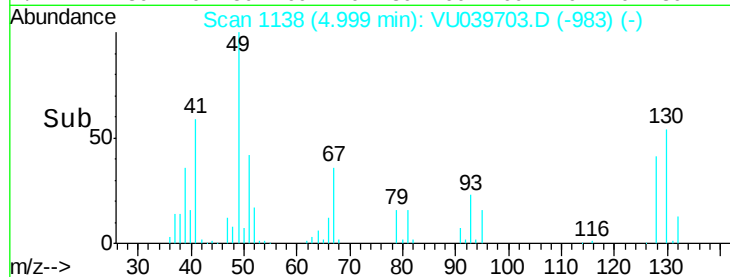
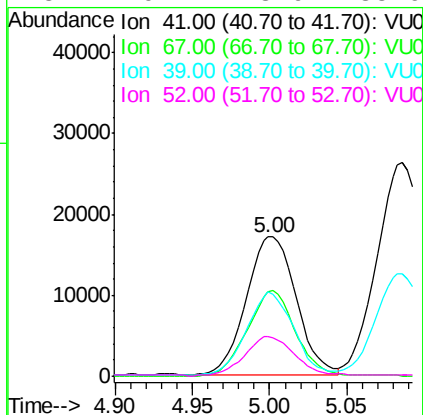
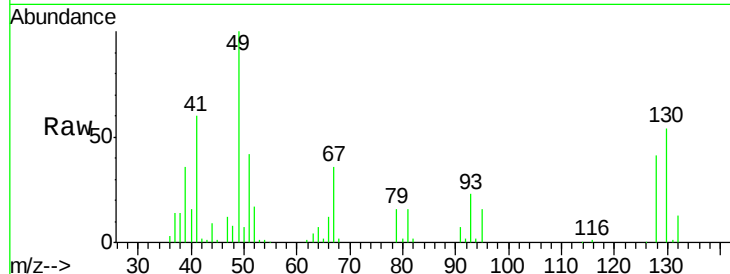
#39
Methacrylonitrile
Concen: 9.147 ug/l
RT: 5.00 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion	Ratio	Lower	Upper
41	100		
67	59.9	48.3	72.5
39	56.6	47.6	71.4
52	29.1	23.9	35.9

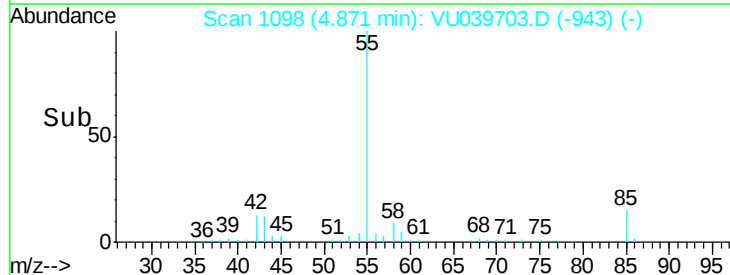
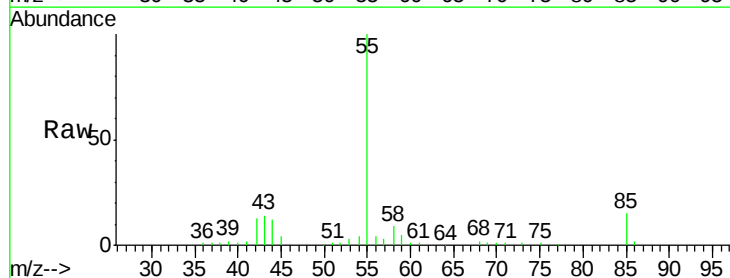
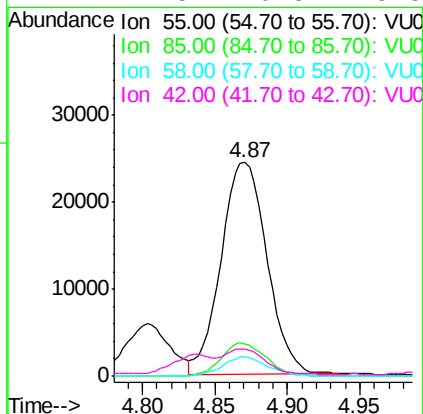
Manual Integrations
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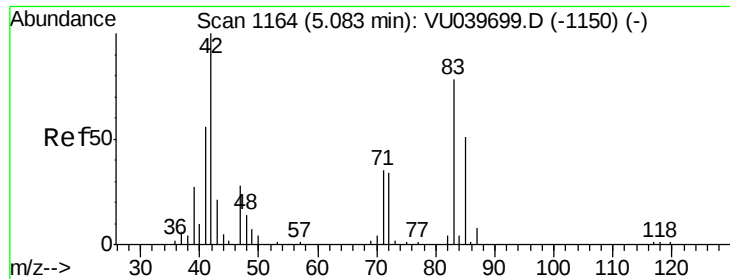
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#40
Methyl acrylate
Concen: 9.829 ug/l
RT: 4.87 min Scan# 1098
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
55	100		
85	15.0	11.4	17.0
58	8.8	7.4	11.0
42	11.5	10.3	15.5





#41

Tetrahydrofuran

Concen: 45.035 ug/l

RT: 5.09 min Scan# 1165

Delta R.T. 0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

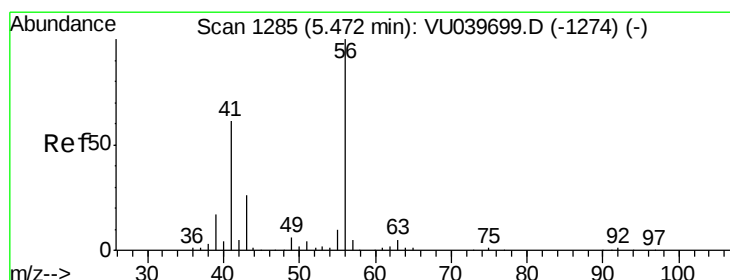
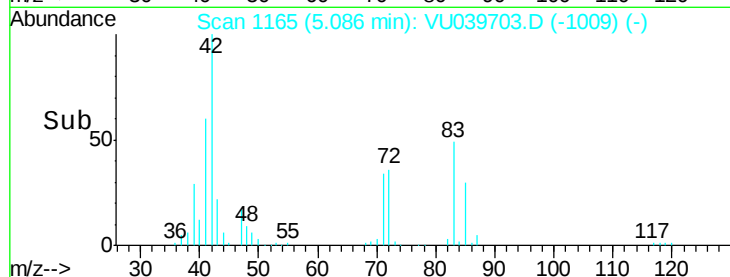
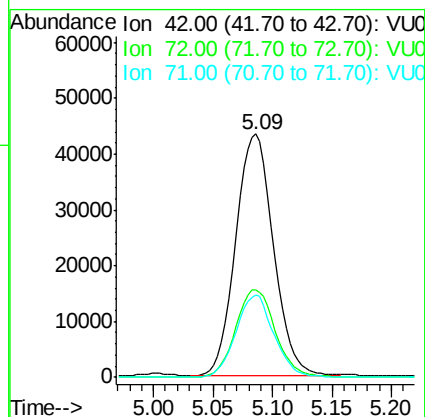
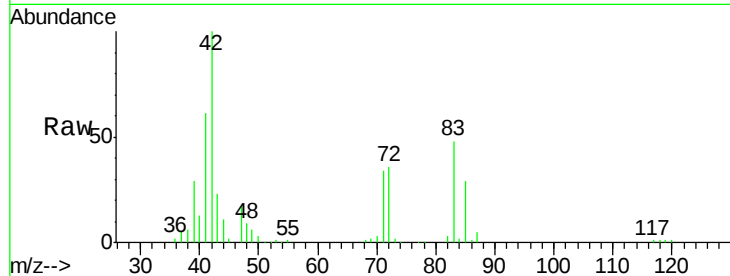
ClientSampled :

ICVVU072920

Tgt Ion:	42	Resp:	95651
Ion	Ratio	Lower	Upper
42	100		
72	38.0	31.0	46.6
71	34.1	28.2	42.4

Manual Integrations
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#42

1-Chlorobutane

Concen: 9.594 ug/l

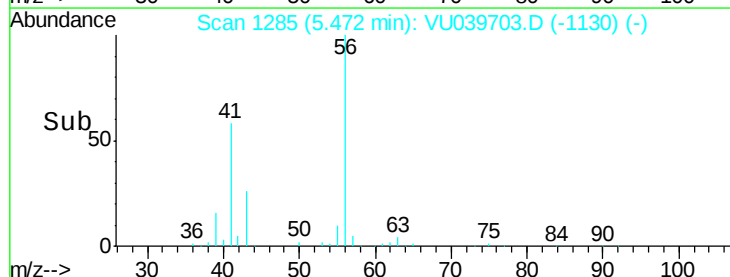
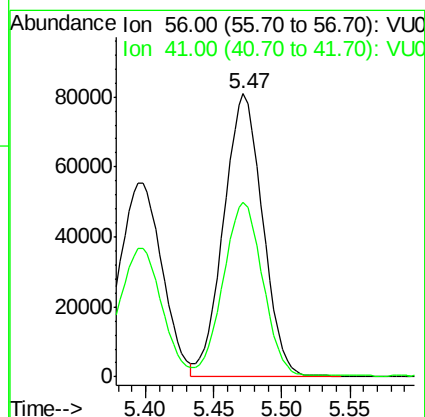
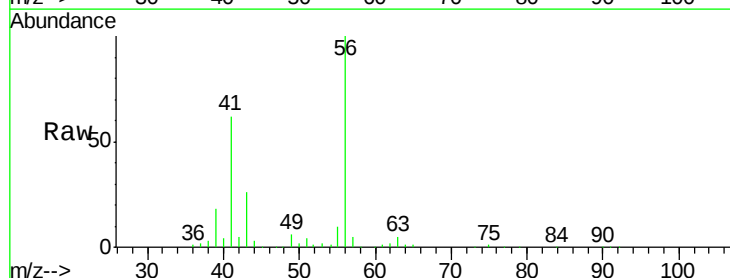
RT: 5.47 min Scan# 1285

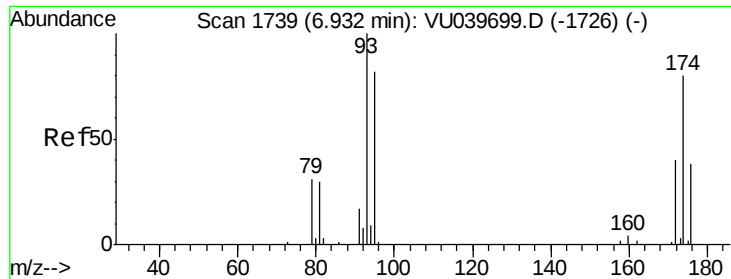
Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Tgt Ion:	56	Resp:	160285
Ion	Ratio	Lower	Upper
56	100		
41	61.5	30.5	91.5





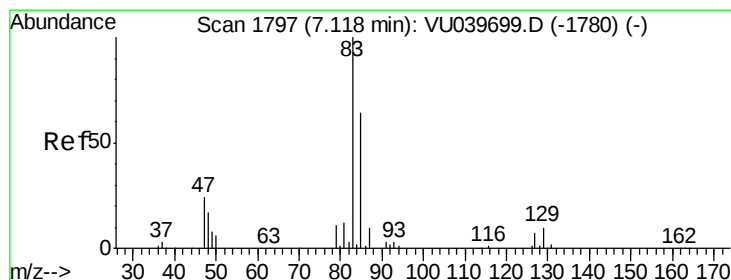
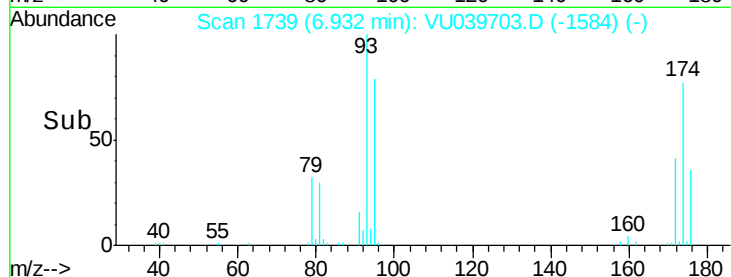
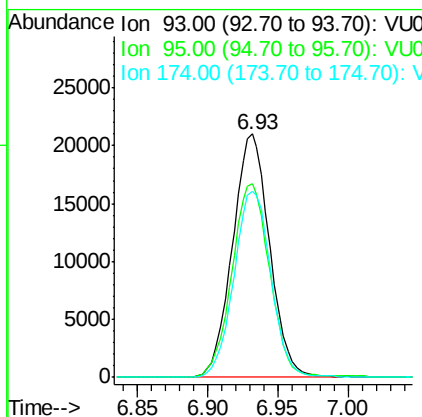
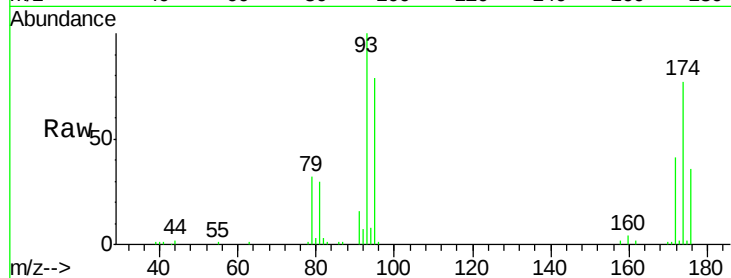
#43
Dibromomethane
Concen: 9.890 ug/l
RT: 6.93 min Scan# 1739
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.1	66.6	99.8
174	76.2	62.7	94.1

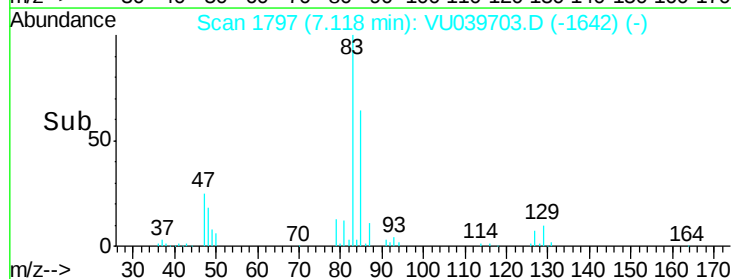
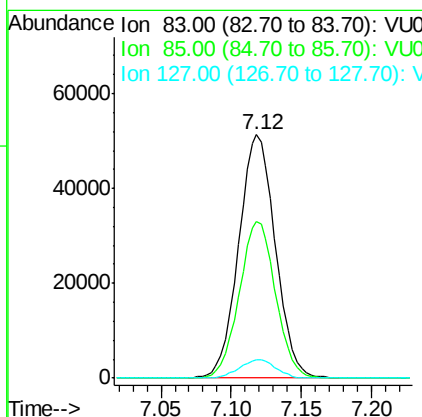
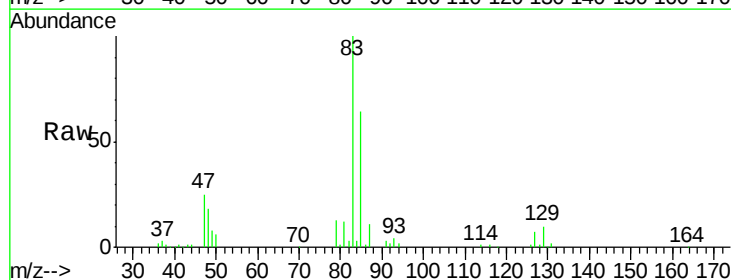
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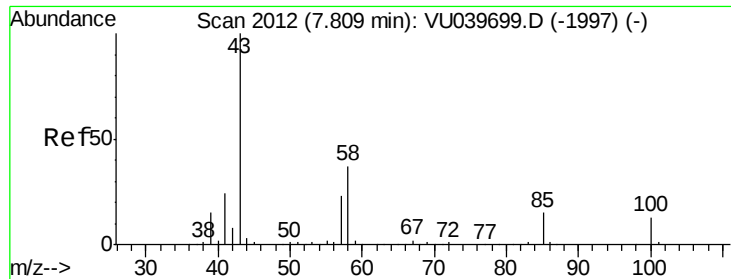
MMDadoda
9/4/2020 7:31:47 PM



#44
Bromodichloromethane
Concen: 10.440 ug/l
RT: 7.12 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.8	76.2
127	7.3	5.8	8.6





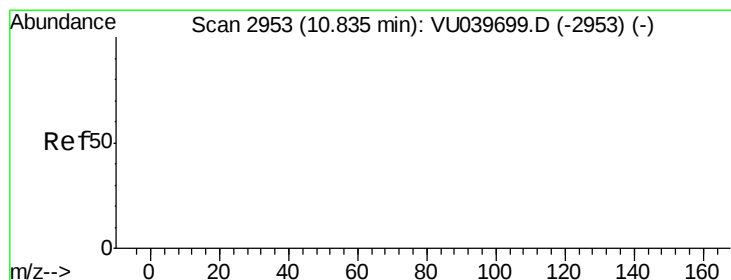
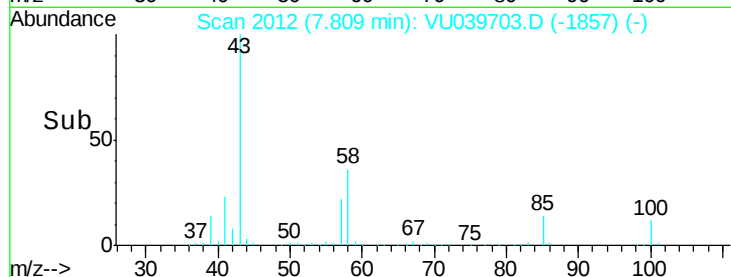
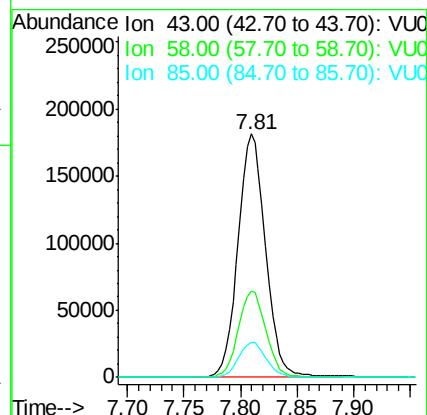
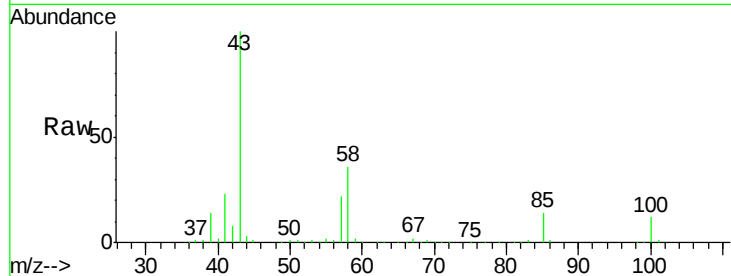
#45
4-Methyl-2-Pentanone
Concen: 52.152 ug/l
RT: 7.81 min Scan# 2012
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.8	18.4	55.0
85	14.5	11.8	17.6

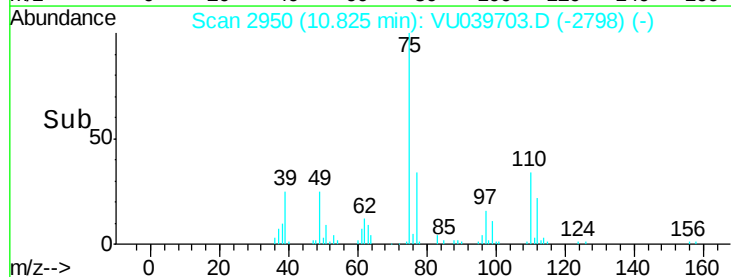
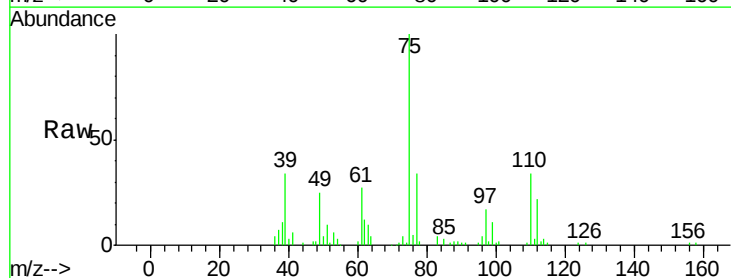
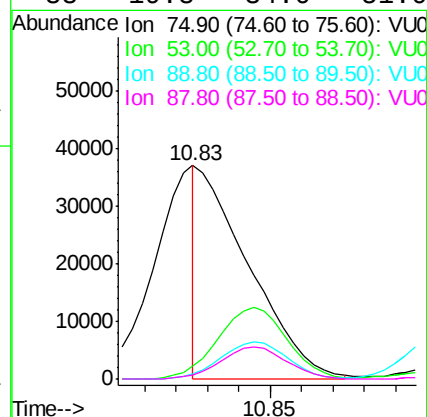
Manual Integrations
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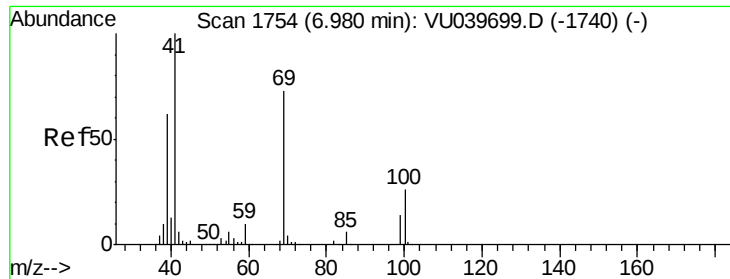
MMDadoda
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#46
t-1,4-Dichloro-2-butene
Concen: 23.515 ug/l m
RT: 10.83 min Scan# 2950
Delta R.T. -0.01 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
75	100		
53	46.5	78.6	118.0#
89	23.6	40.3	60.5#
88	19.8	34.0	51.0#





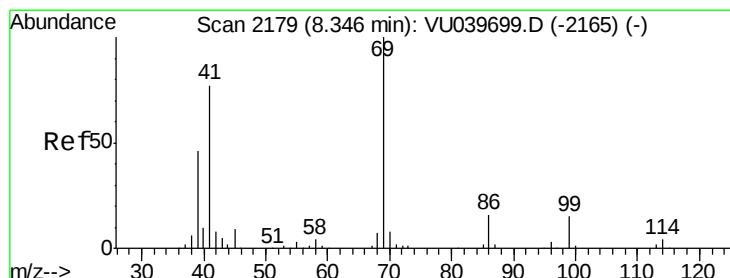
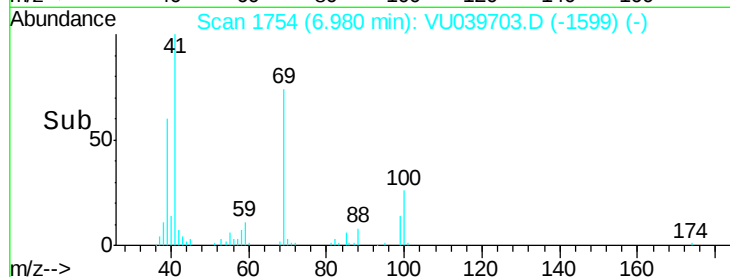
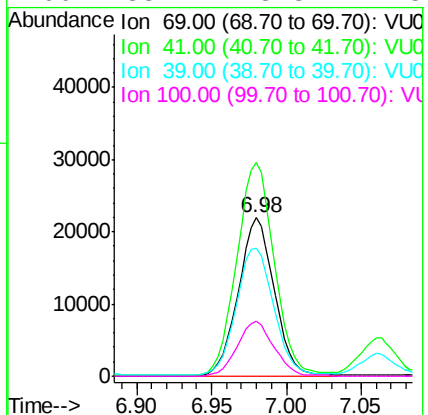
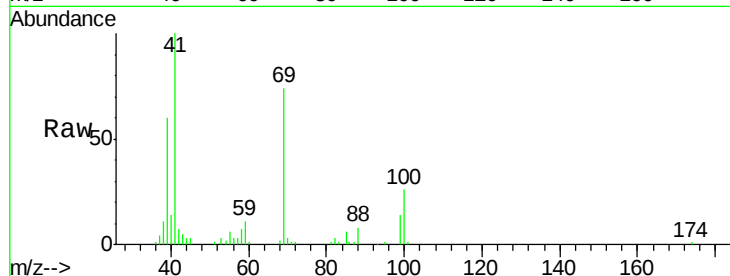
#47
Methyl methacrylate
Concen: 10.126 ug/l
RT: 6.98 min Scan# 1754
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion	Ratio	Lower	Upper
69	100		
41	137.8	0.0	271.6
39	83.2	67.4	101.2
100	35.4	28.3	42.5

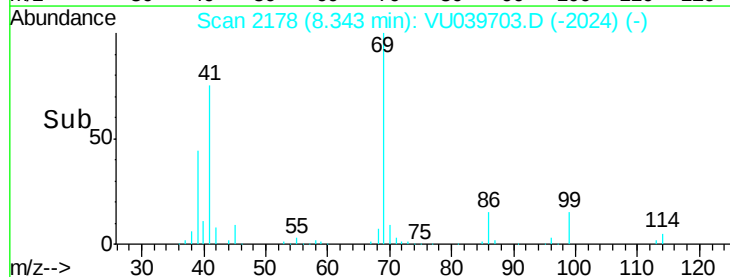
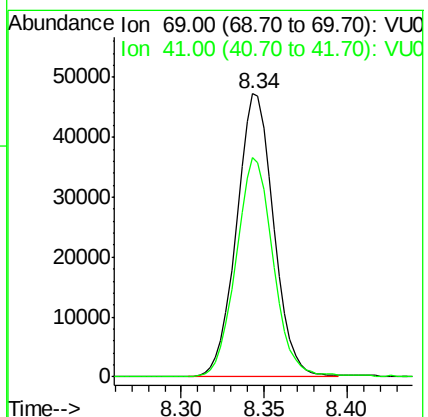
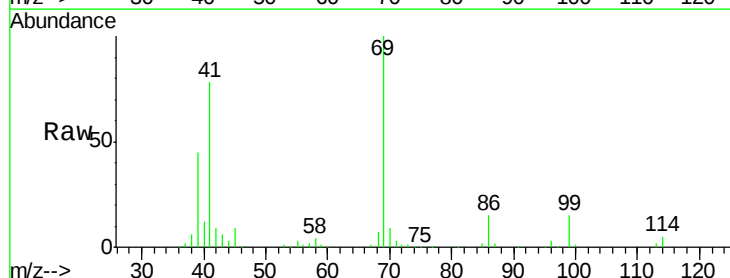
Manual Integrations
APPROVED

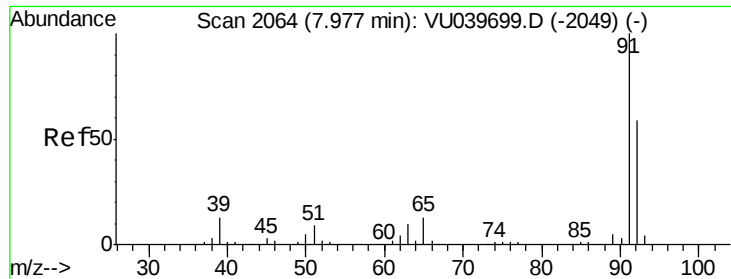
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#48
Ethyl methacrylate
Concen: 10.977 ug/l
RT: 8.34 min Scan# 2178
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.7	39.1	117.5





#49

Toluene

Concen: 10.501 ug/l

RT: 7.98 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion: 92 Resp: 164573

Ion Ratio Lower Upper

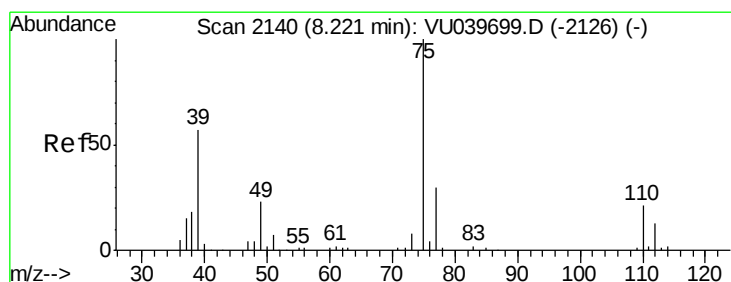
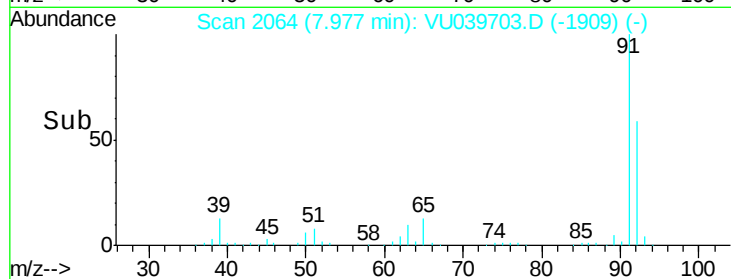
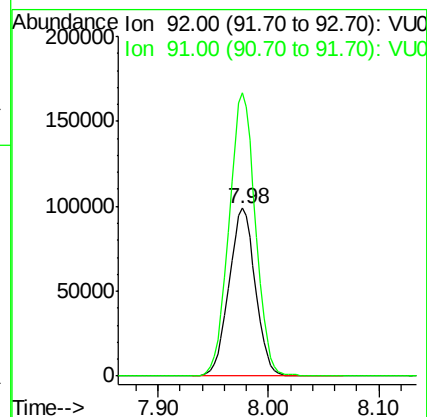
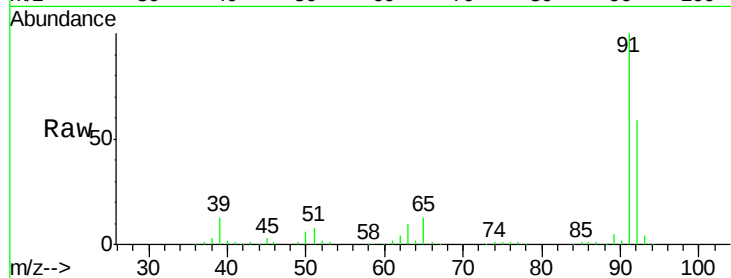
92 100

91 168.0 136.1 204.1

Manual Integrations
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#50

t-1,3-Dichloropropene

Concen: 11.216 ug/l

RT: 8.22 min Scan# 2139

Delta R.T. -0.00 min

Lab File: VU039703.D

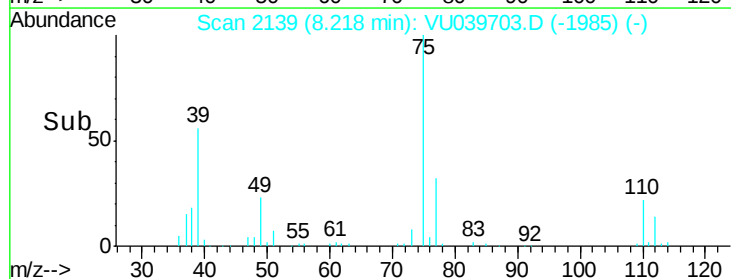
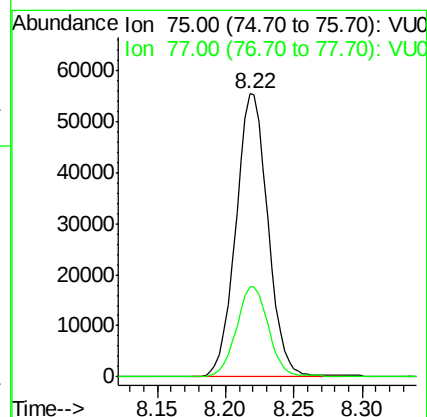
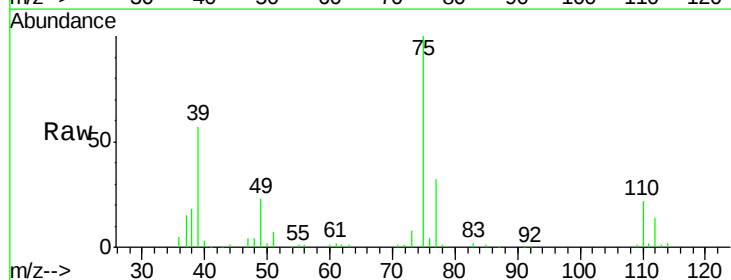
Acq: 29 Jul 2020 14:36

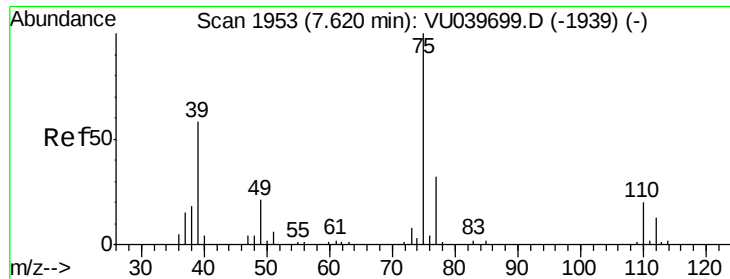
Tgt Ion: 75 Resp: 90443

Ion Ratio Lower Upper

75 100

77 32.0 24.3 36.5





#51

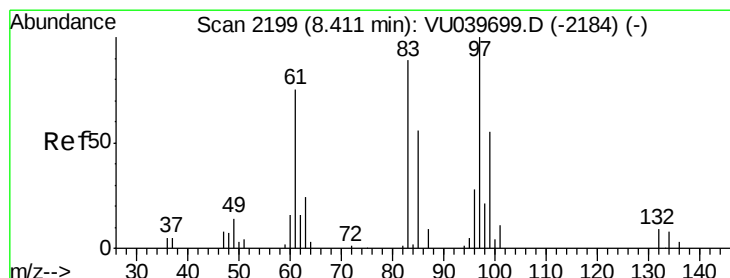
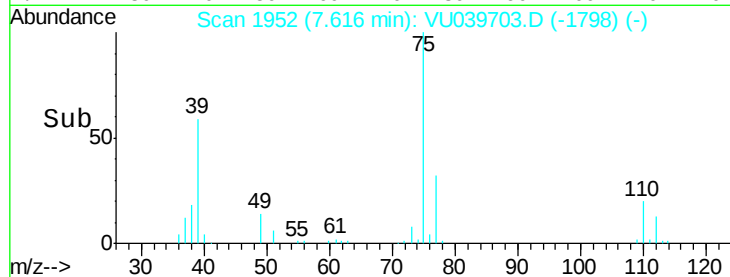
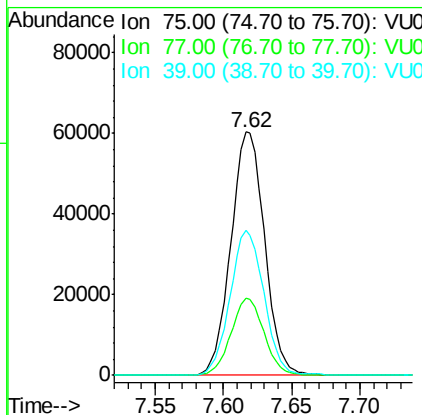
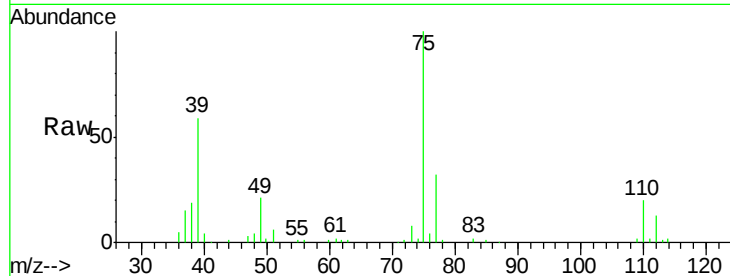
cis-1,3-Dichloropropene
Concen: 10.960 ug/l
RT: 7.62 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	103875		
77	31.6	25.7	38.5	
39	59.4	46.1	69.1	

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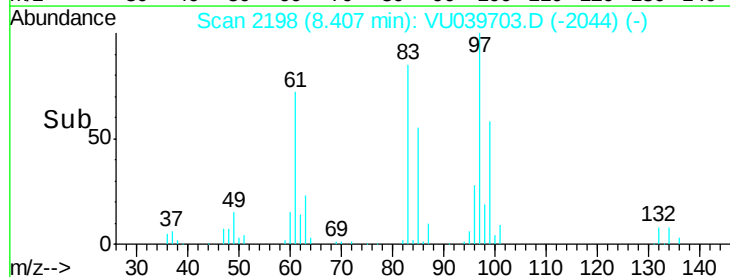
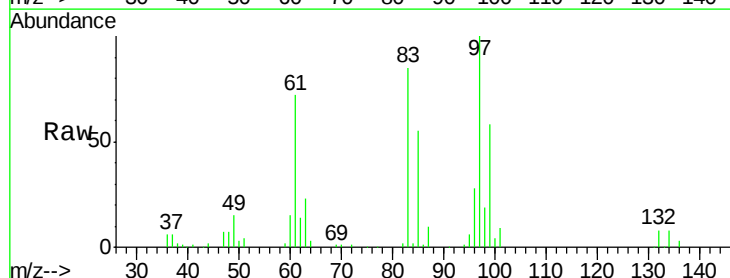
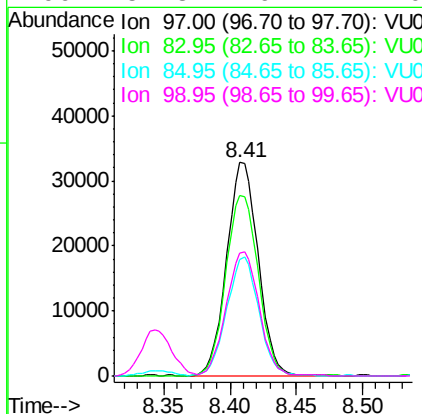
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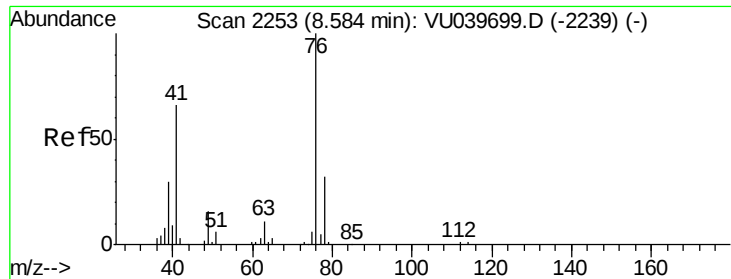


#52

1,1,2-Trichloroethane
Concen: 10.730 ug/l
RT: 8.41 min Scan# 2198
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	54439		
83	84.7	71.3	106.9	
85	54.6	45.4	68.2	
99	57.8	49.4	74.0	





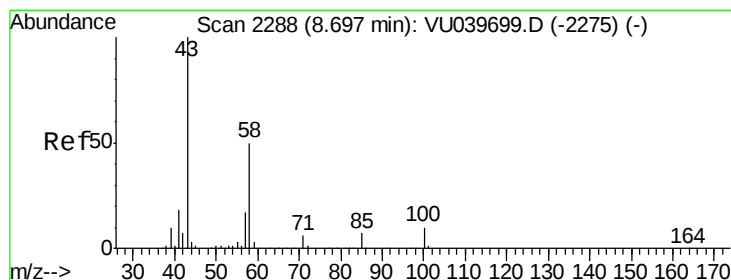
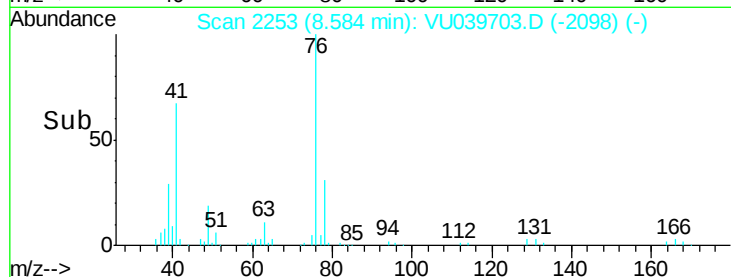
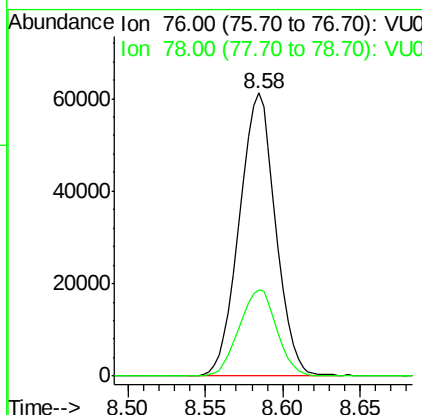
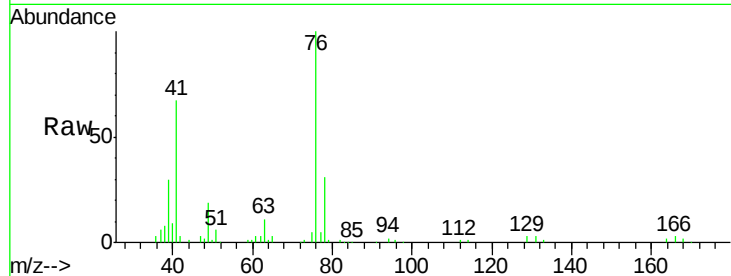
#53
 1,3-Dichloropropane
 Concen: 10.261 ug/l
 RT: 8.58 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

Tgt Ion: 76 Resp: 99960
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.4 38.2

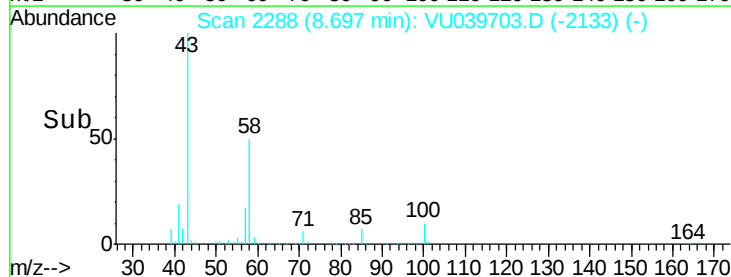
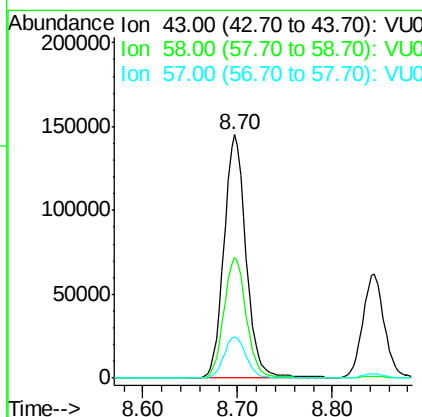
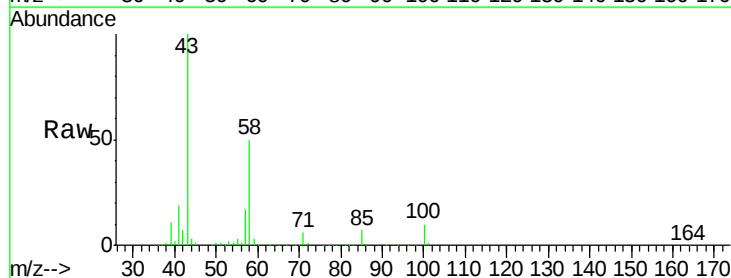
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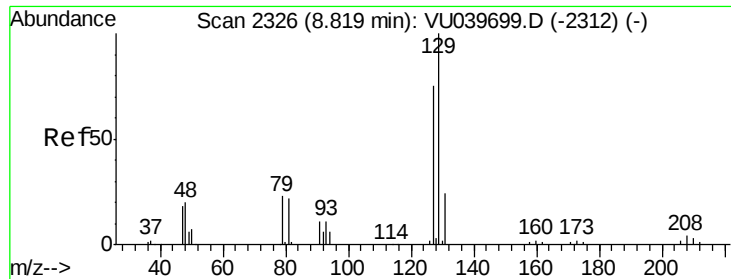
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#54
 2-Hexanone
 Concen: 55.887 ug/l
 RT: 8.70 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 43 Resp: 236700
 Ion Ratio Lower Upper
 43 100
 58 50.1 29.9 69.9
 57 17.1 0.0 37.2





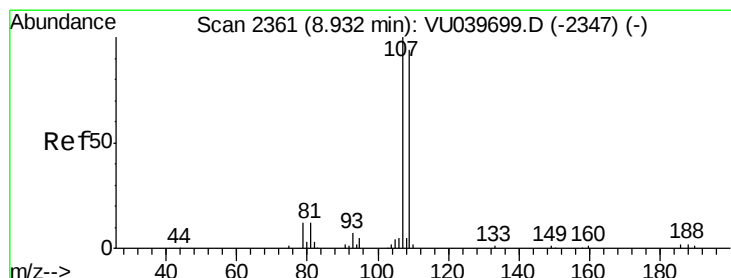
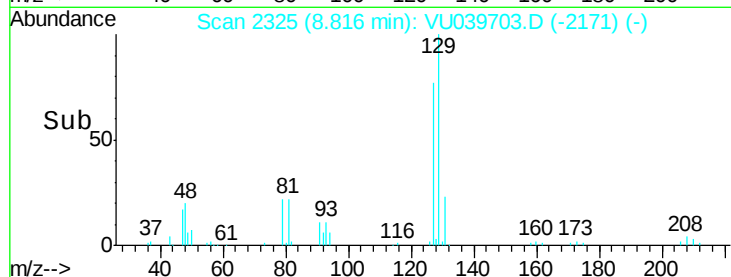
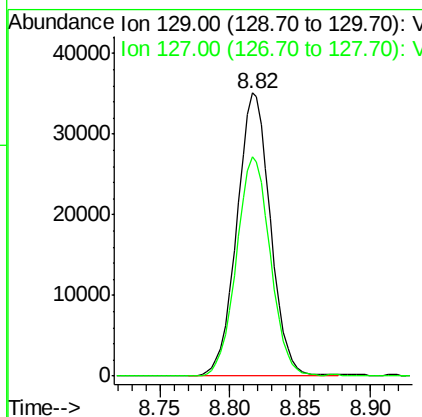
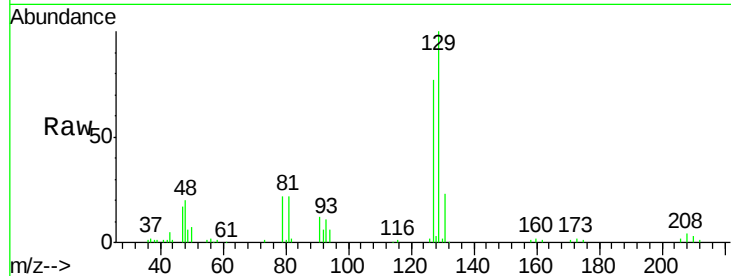
#55
Dibromochloromethane
Concen: 10.755 ug/l
RT: 8.82 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion	Ratio	Resp	Lower	Upper
129	100	58594		
127	78.1	62.4	93.6	

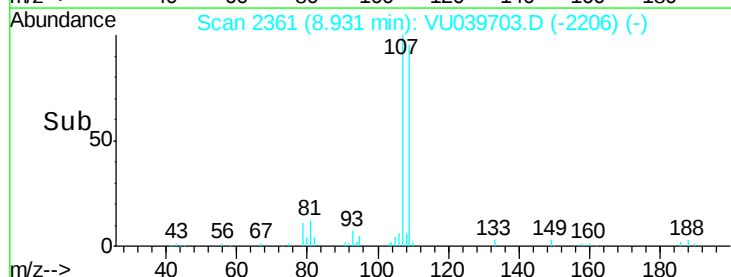
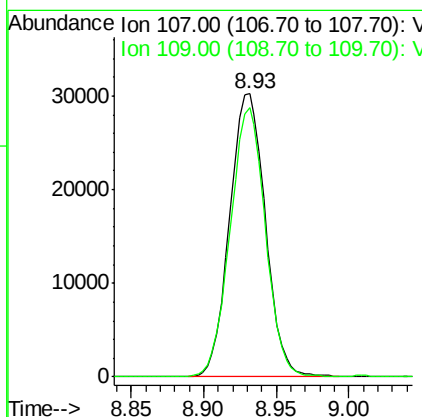
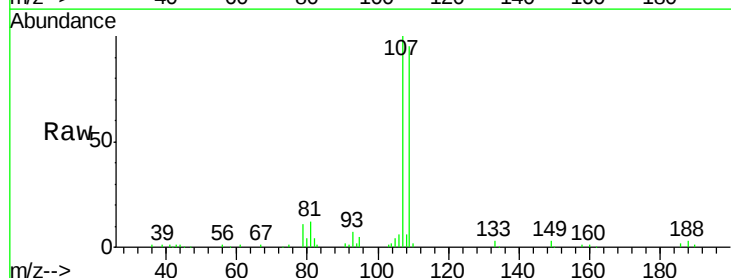
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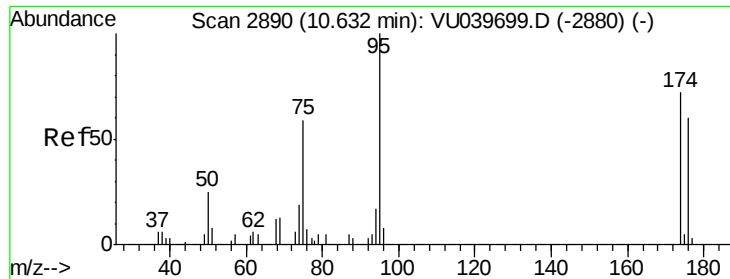
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#56
1,2-Dibromoethane
Concen: 10.583 ug/l
RT: 8.93 min Scan# 2361
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	51739		
109	93.5	0.0	185.2	





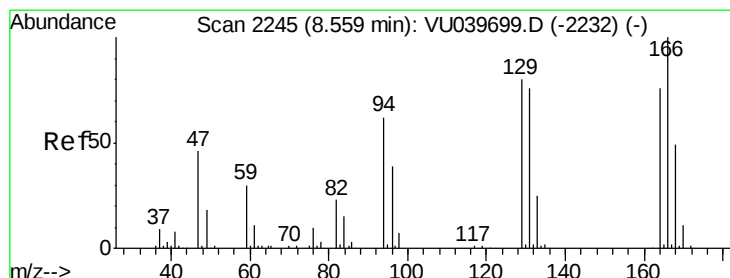
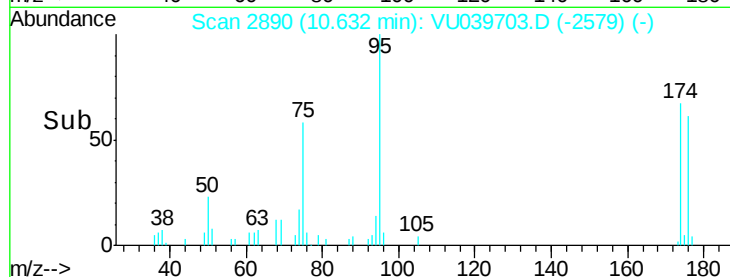
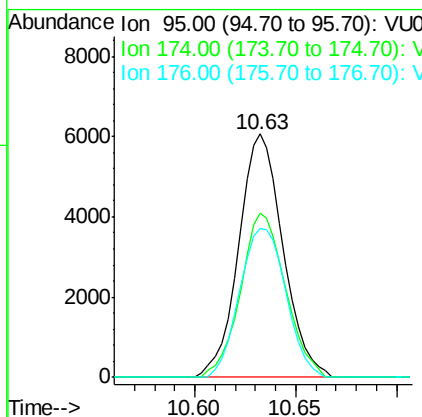
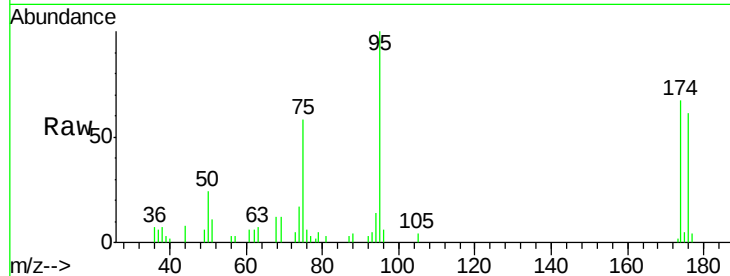
#57
4-Bromofluorobenzene
Concen: 1.133 ug/l
RT: 10.63 min Scan# 2890
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion: 95 Resp: 9317
Ion Ratio Lower Upper
95 100
174 68.1 57.0 85.4
176 64.0 50.2 75.2

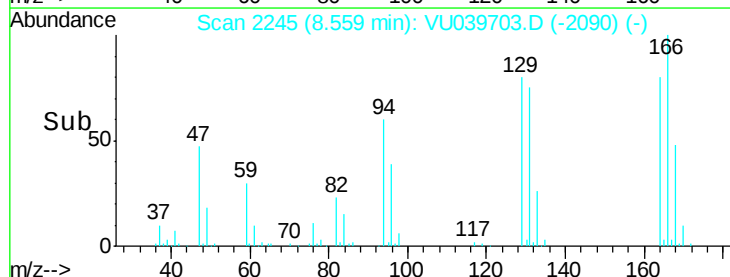
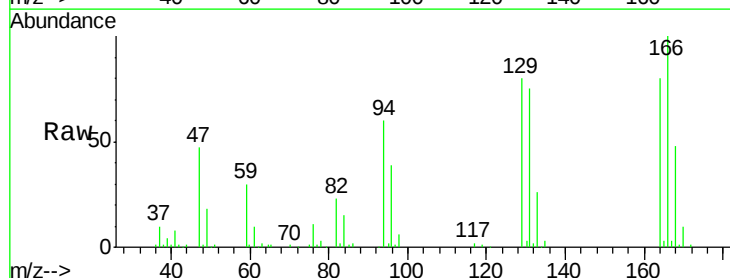
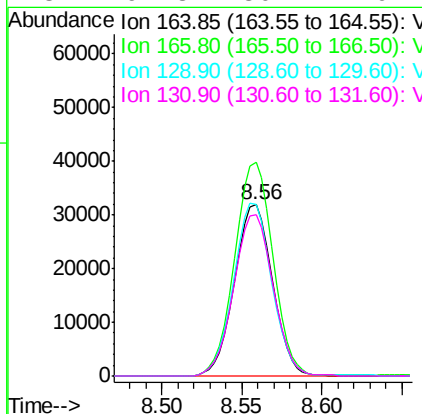
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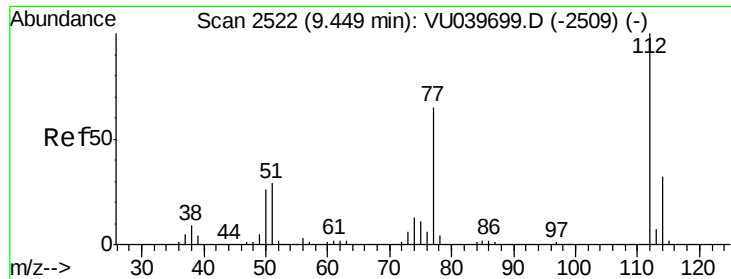
MMDadoda
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#58
Tetrachloroethene
Concen: 9.769 ug/l
RT: 8.56 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion: 164 Resp: 51515
Ion Ratio Lower Upper
164 100
166 125.0 104.8 157.2
129 100.6 84.1 126.1
131 94.3 80.1 120.1





#59

Chlorobenzene

Concen: 10.207 ug/l

RT: 9.45 min Scan# 2522

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion:112 Resp: 165416

Ion Ratio Lower Upper

112 100

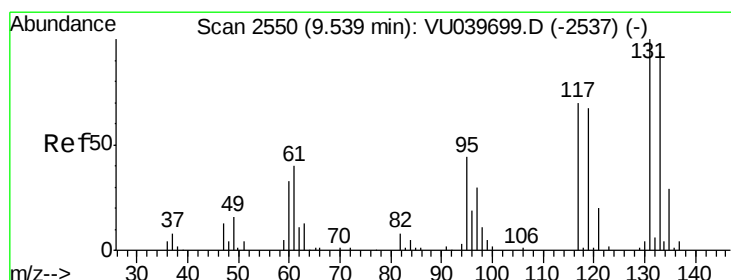
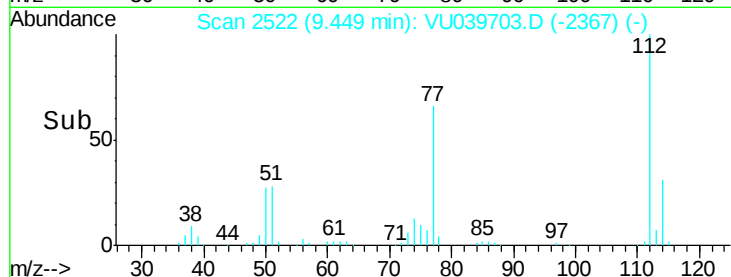
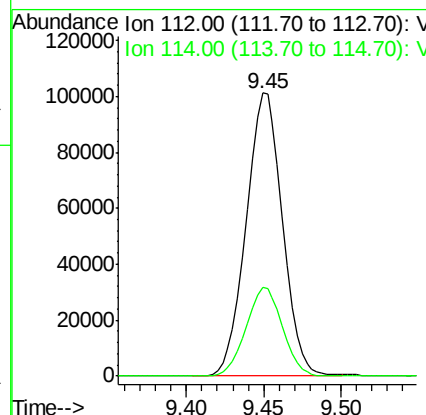
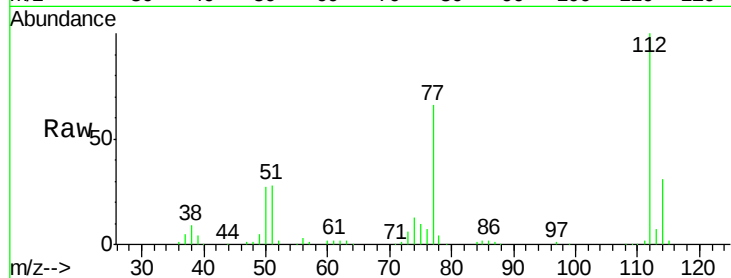
114 31.2 25.8 38.6

Manual Integrations

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#60

1,1,1,2-Tetrachloroethane

Concen: 10.721 ug/l

RT: 9.54 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

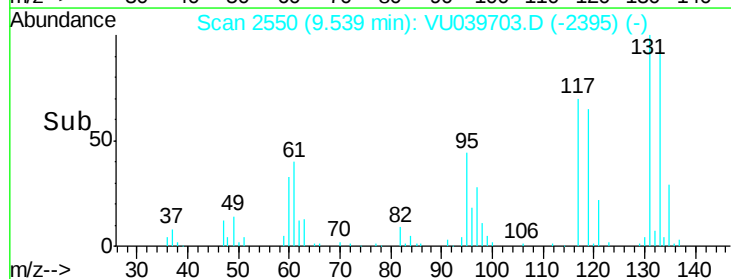
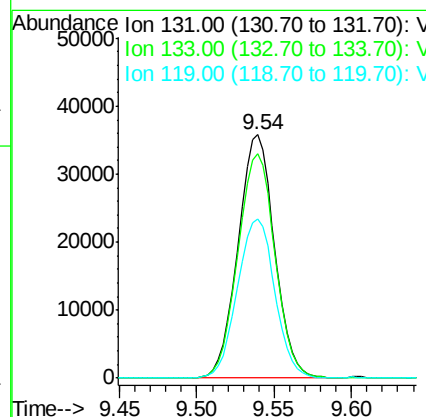
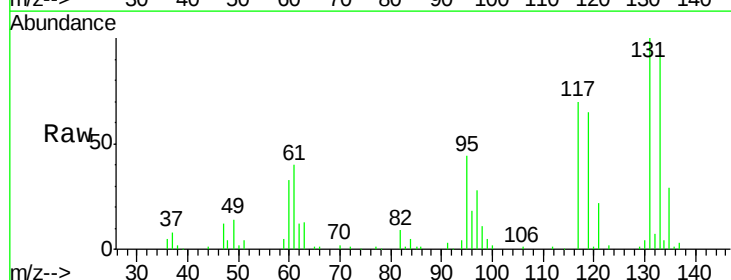
Tgt Ion:131 Resp: 58584

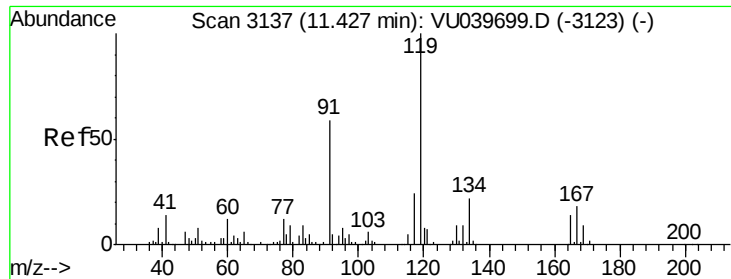
Ion Ratio Lower Upper

131 100

133 94.2 75.8 113.8

119 67.1 54.6 81.8





#61

Pentachloroethane

Concen: 10.973 ug/l

RT: 11.43 min Scan# 3137

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion:117 Resp: 52683

Ion Ratio Lower Upper

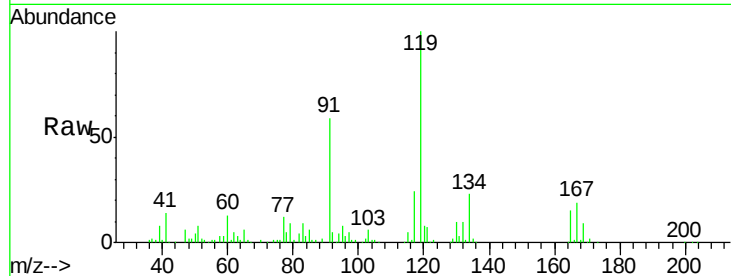
117 100

167 73.1 56.6 85.0

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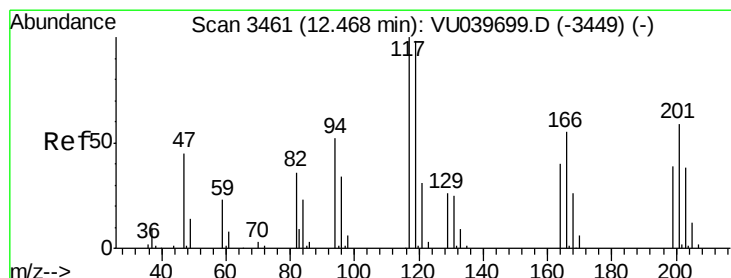
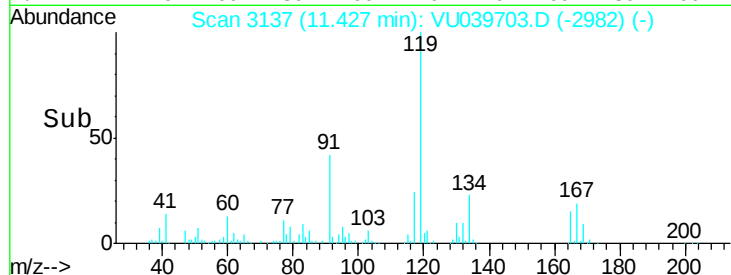
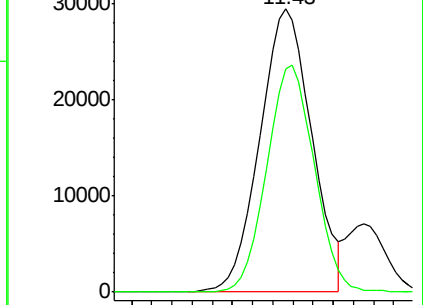
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 11.614 ug/l

RT: 12.47 min Scan# 3462

Delta R.T. 0.00 min

Lab File: VU039703.D

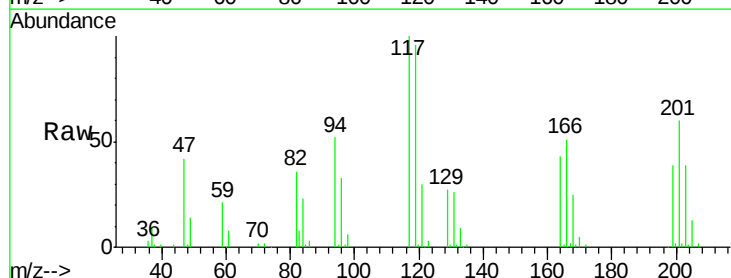
Acq: 29 Jul 2020 14:36

Tgt Ion:117 Resp: 51106

Ion Ratio Lower Upper

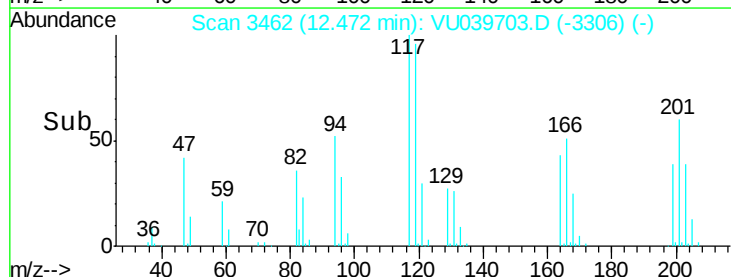
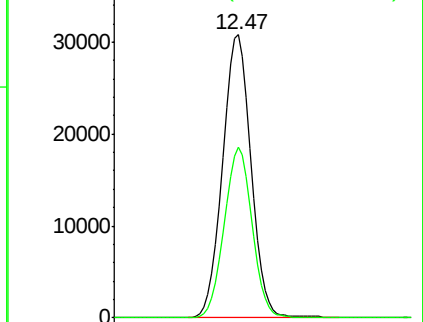
117 100

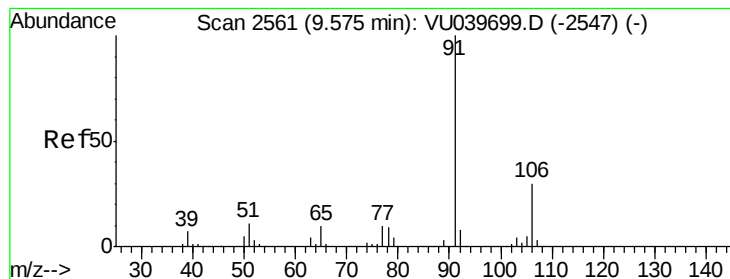
201 58.7 48.1 72.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 11.064 ug/l

RT: 9.57 min Scan# 2560

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion: 91 Resp: 321330

Ion Ratio Lower Upper

91 100

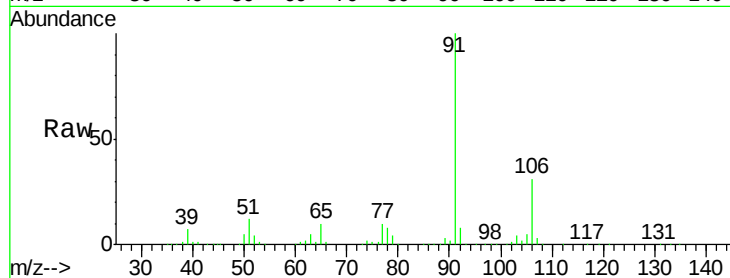
106 30.7 24.2 36.4

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VU039699.D (-2547) (-)

Ion 106.00 (105.70 to 106.70): VU039699.D (-2547) (-)

300000

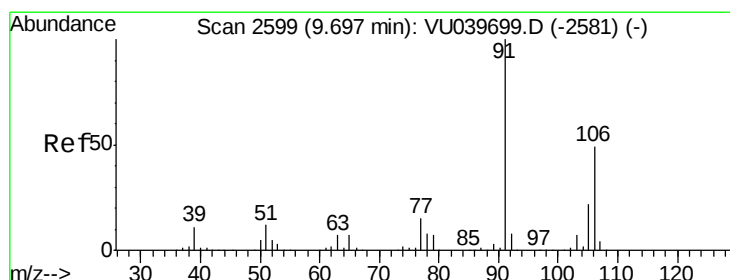
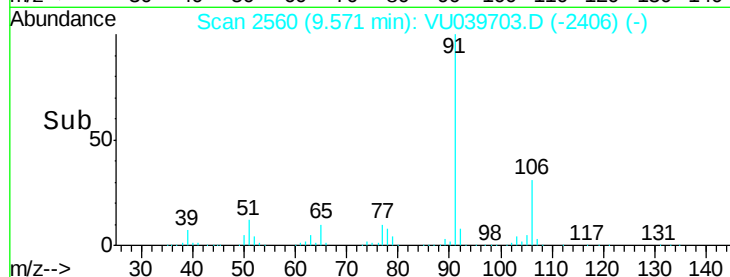
200000

100000

0

9.50 9.55 9.60 9.65

Time-->



#64

m/p-Xylenes

Concen: 22.526 ug/l

RT: 9.70 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VU039703.D

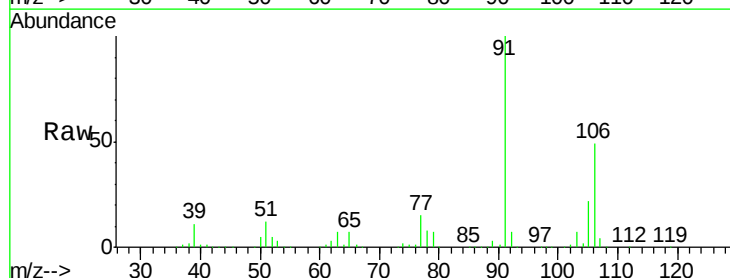
Acq: 29 Jul 2020 14:36

Tgt Ion: 106 Resp: 255608

Ion Ratio Lower Upper

106 100

91 202.3 163.9 245.9



Abundance Ion 106.00 (105.70 to 106.70): VU039699.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VU039699.D (-2581) (-)

300000

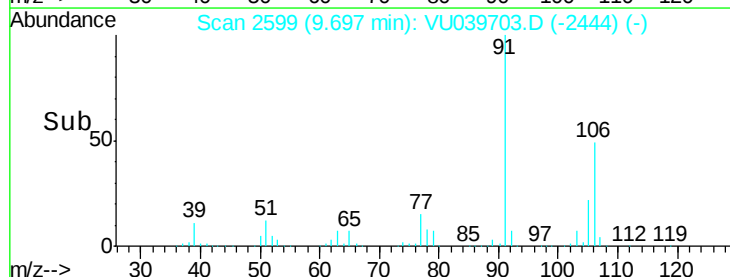
200000

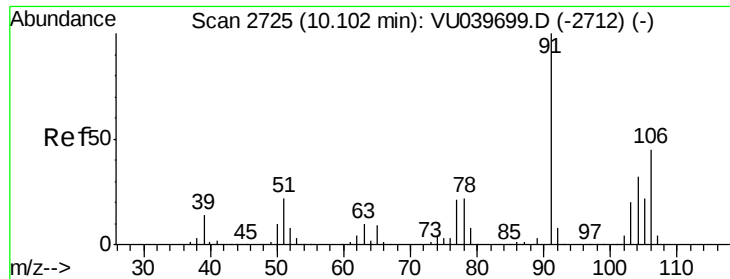
100000

0

9.60 9.65 9.70 9.75 9.80

Time-->





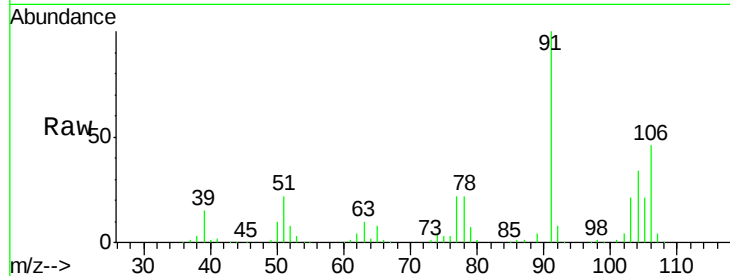
#65
o-Xylene
Concen: 10.972 ug/l
RT: 10.10 min Scan# 2725
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

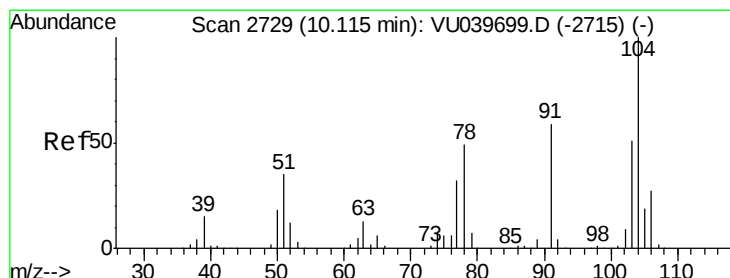
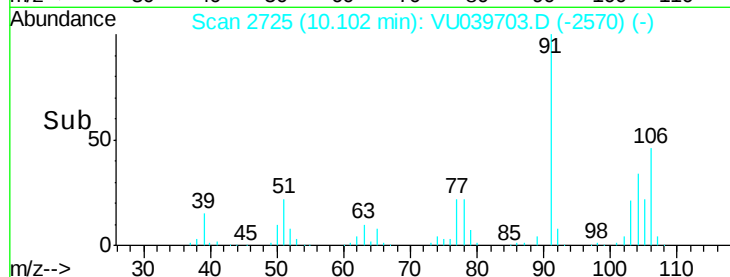
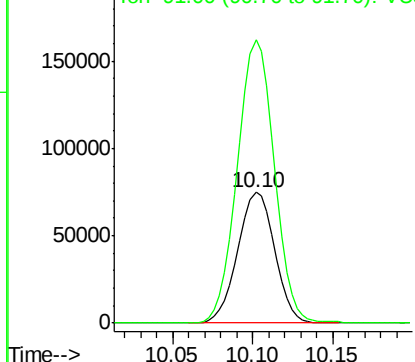
Tgt Ion:106 Resp: 118206
Ion Ratio Lower Upper
106 100
91 216.0 110.3 331.0

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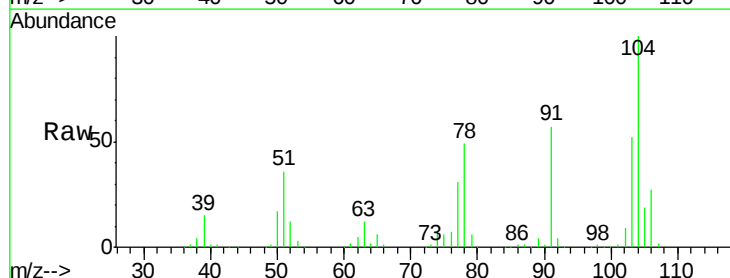


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

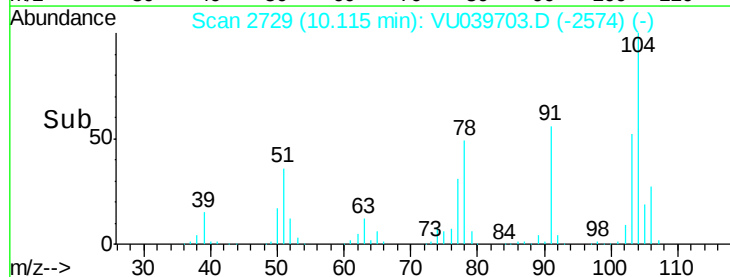
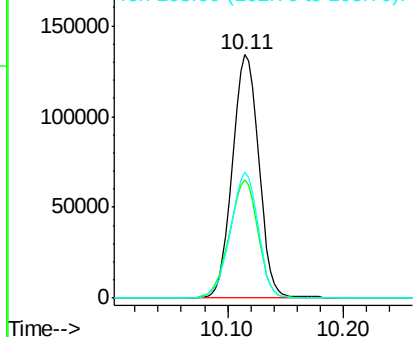


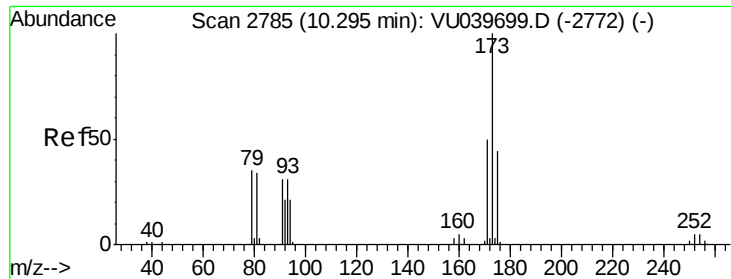
#66
Styrene
Concen: 11.436 ug/l
RT: 10.11 min Scan# 2729
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion:104 Resp: 211139
Ion Ratio Lower Upper
104 100
78 52.7 42.2 63.4
103 53.9 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0
Ion 103.00 (102.70 to 103.70): V





#67

Bromoform

Concen: 11.375 ug/l

RT: 10.29 min Scan# 2785

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

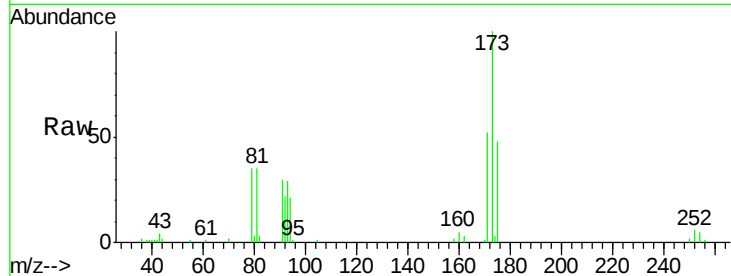
ClientSampleId :

ICVVU072920

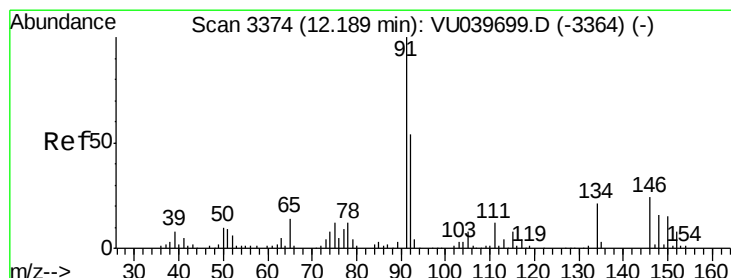
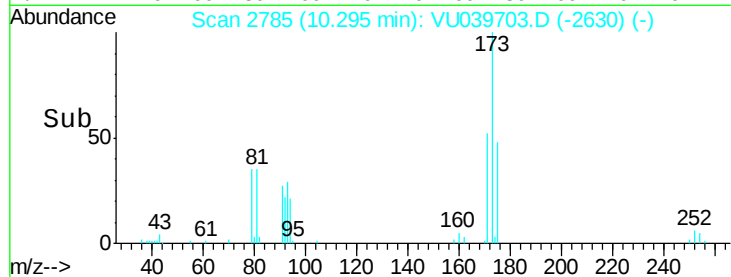
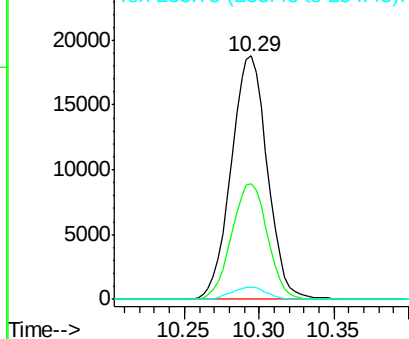
Tgt Ion:	173	Resp:	31615
Ion Ratio	Lower	Upper	
173	100		
175	47.0	36.7	55.1
254	4.8	3.8	5.8

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



#68

1,2-Dichlorobenzene-d4

Concen: 1.023 ug/l

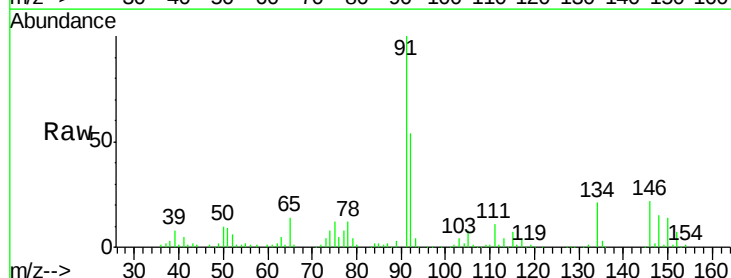
RT: 12.19 min Scan# 3374

Delta R.T. -0.00 min

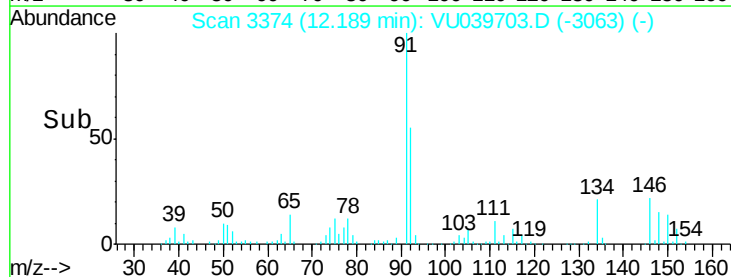
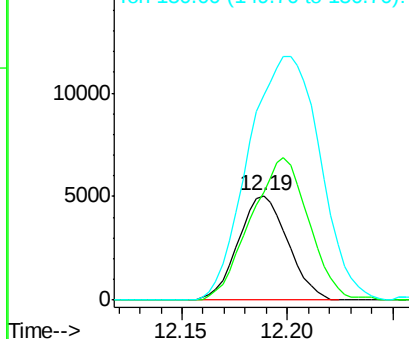
Lab File: VU039703.D

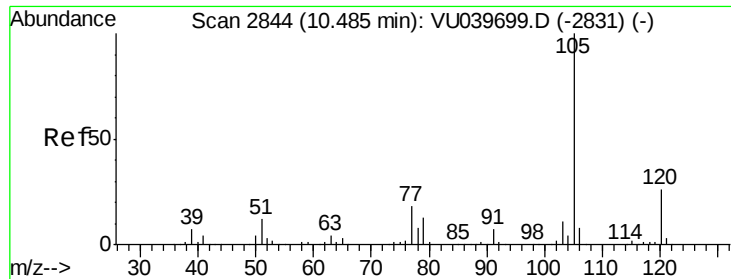
Acq: 29 Jul 2020 14:36

Tgt Ion:	152	Resp:	8235
Ion Ratio	Lower	Upper	
152	100		
115	159.4	0.0	302.4
150	336.7	0.0	645.8



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





#69

Isopropylbenzene

Concen: 11.180 ug/l

RT: 10.48 min Scan# 2844

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion: 105 Resp: 321720

Ion Ratio Lower Upper

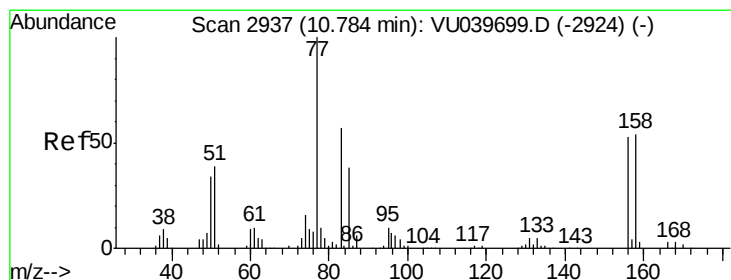
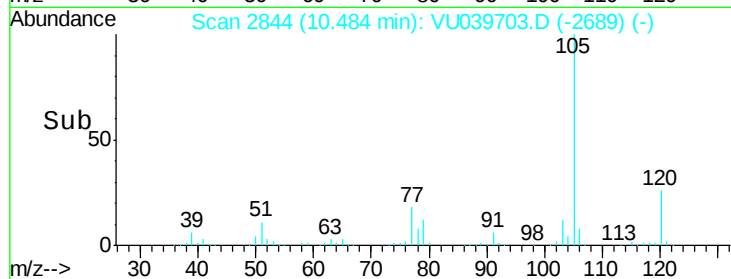
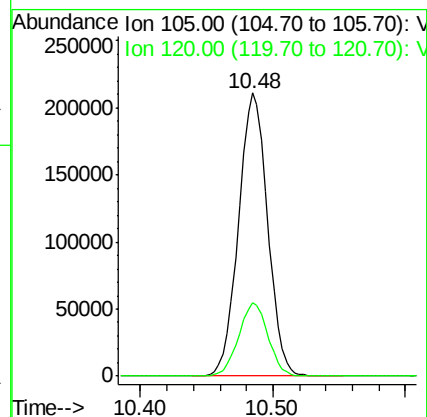
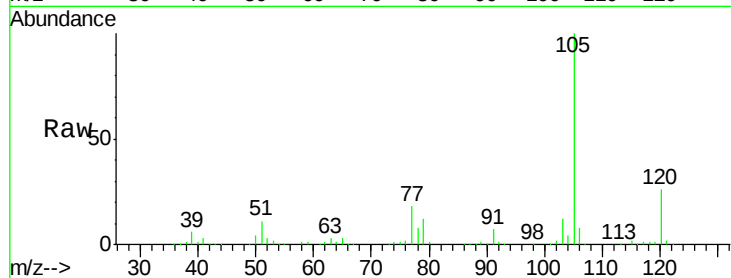
105 100

120 26.1 12.8 38.4

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#70

1,1,2,2-Tetrachloroethane

Concen: 10.396 ug/l

RT: 10.78 min Scan# 2937

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

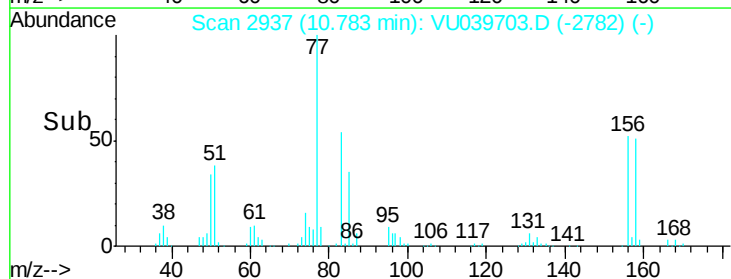
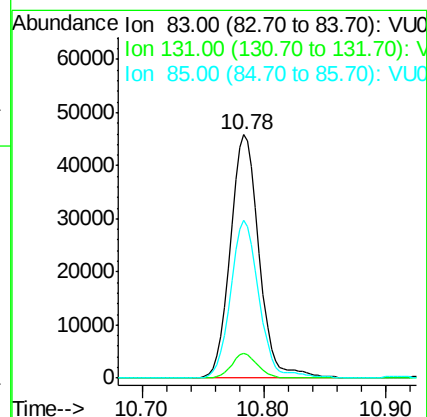
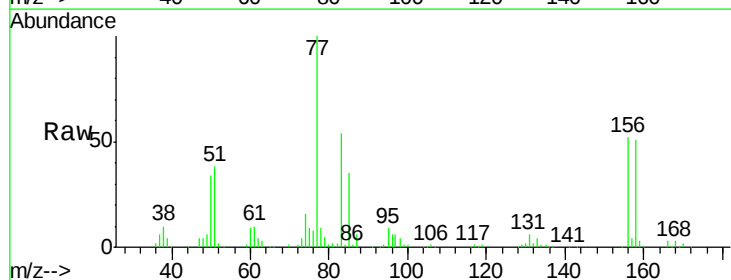
Tgt Ion: 83 Resp: 75929

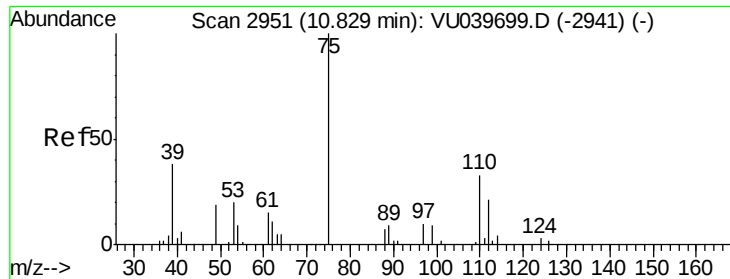
Ion Ratio Lower Upper

83 100

131 9.2 7.0 10.6

85 64.3 50.6 75.8





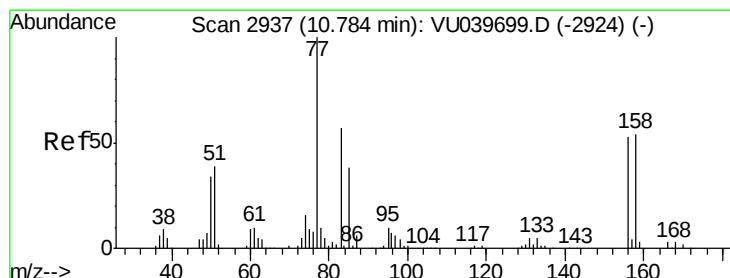
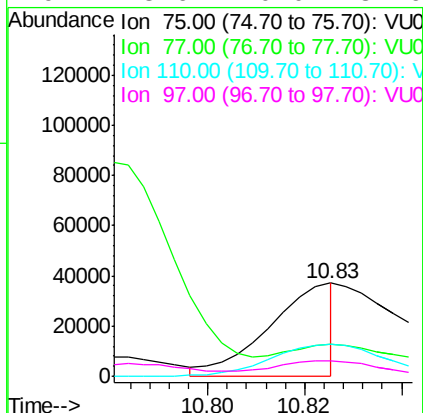
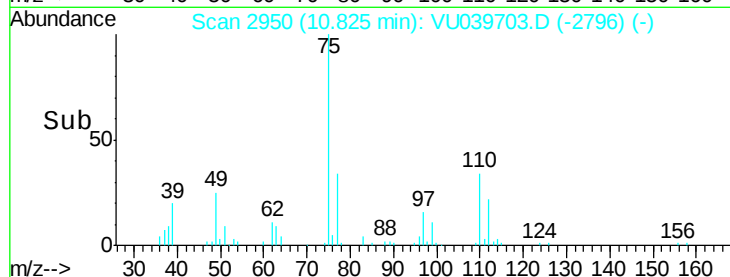
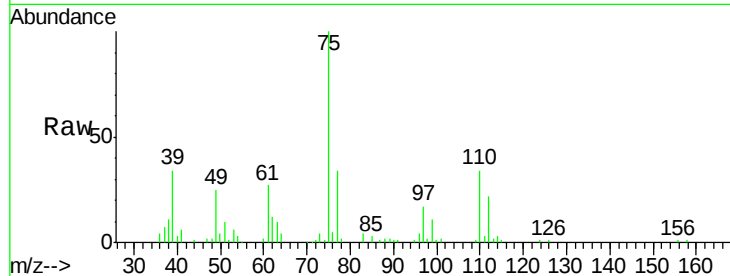
#71
1,2,3-Trichloropropane
Concen: 6.330 ug/l m
RT: 10.83 min Scan# 2950
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion	Ratio	Lower	Upper
75	100		
77	65.8	0.0	91.0
110	59.1	0.0	64.2
97	28.6	0.0	32.6

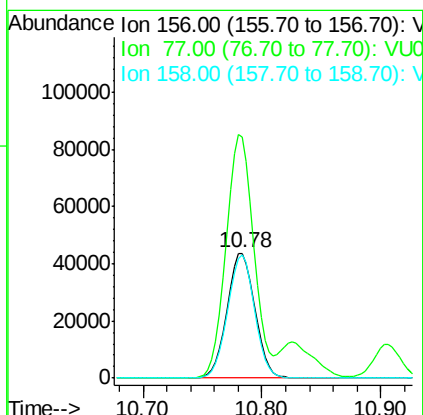
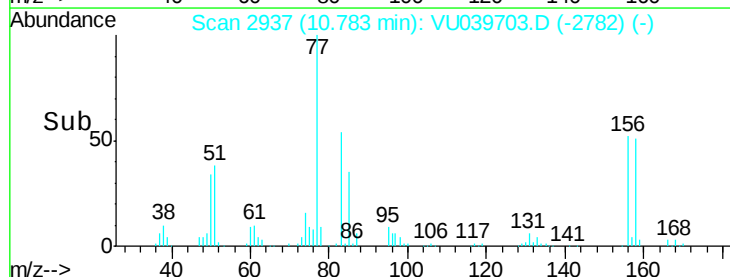
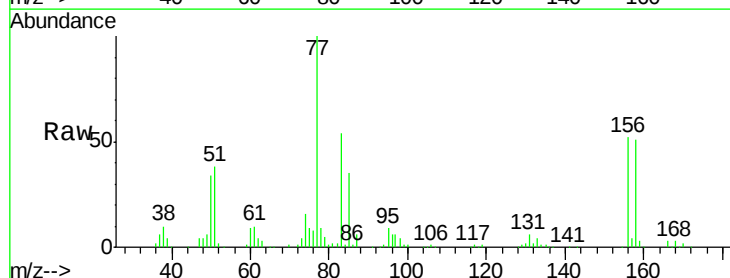
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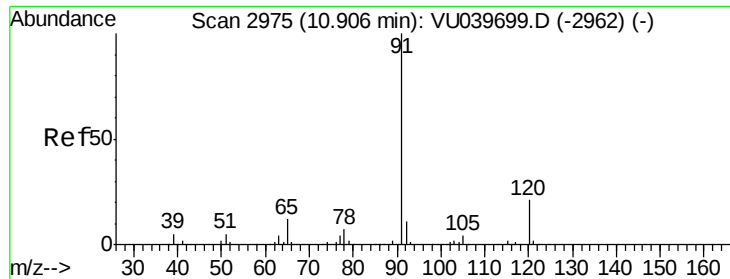
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#72
Bromobenzene
Concen: 10.928 ug/l
RT: 10.78 min Scan# 2937
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
156	100		
77	192.5	0.0	385.2
158	95.1	0.0	200.8





#73

n-propylbenzene

Concen: 10.733 ug/l

RT: 10.91 min Scan# 2975

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion:120 Resp: 86835

Ion Ratio Lower Upper

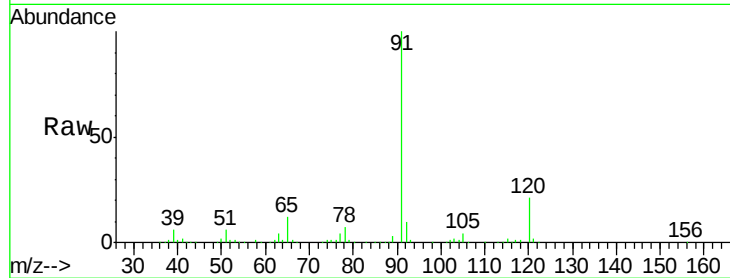
120 100

91 477.5 371.7 557.5

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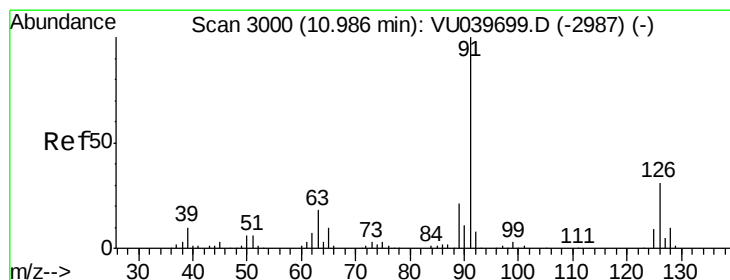
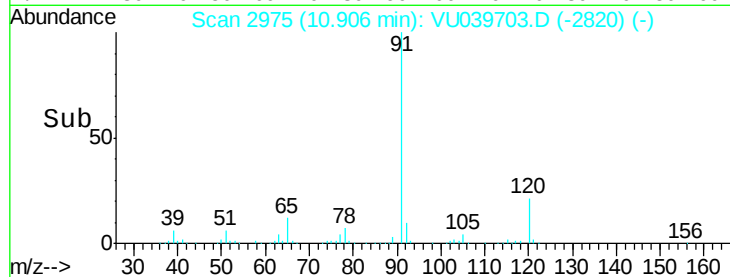
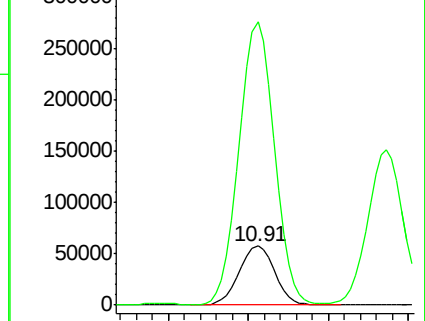
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 10.664 ug/l

RT: 10.99 min Scan# 3000

Delta R.T. -0.00 min

Lab File: VU039703.D

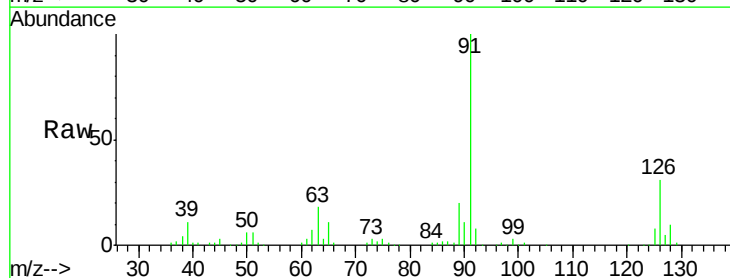
Acq: 29 Jul 2020 14:36

Tgt Ion:126 Resp: 72889

Ion Ratio Lower Upper

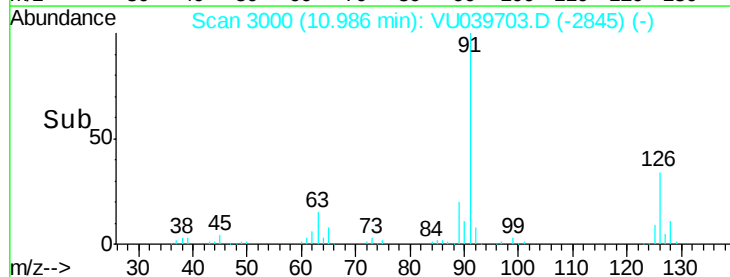
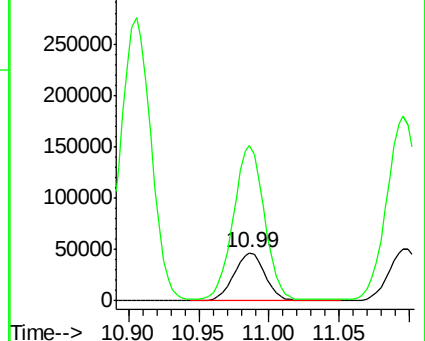
126 100

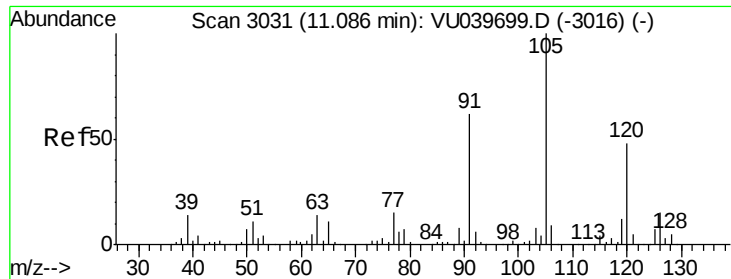
91 316.2 0.0 637.0



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: 11.747 ug/l

RT: 11.09 min Scan# 3031

Delta R.T. -0.00 min

Lab File: VU039703.D

Acq: 29 Jul 2020 14:36

Instrument :

MSVOA_U

ClientSampleId :

ICVVU072920

Tgt Ion:105 Resp: 292233

Ion Ratio Lower Upper

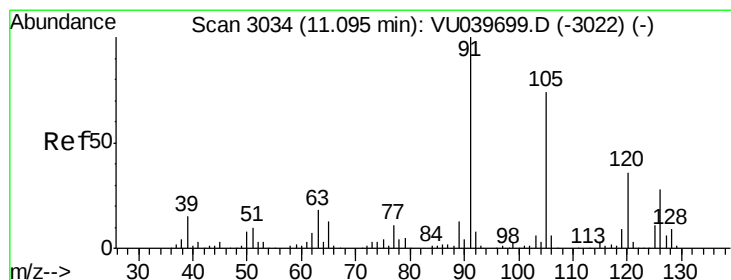
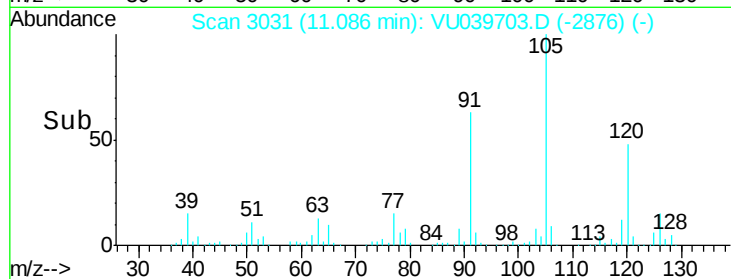
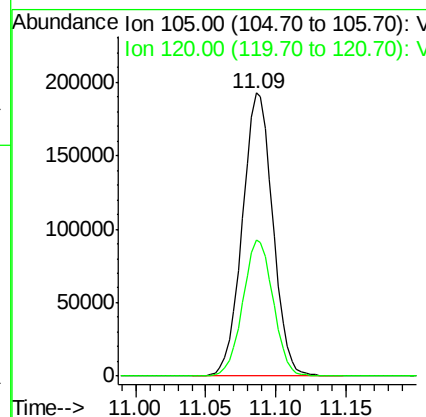
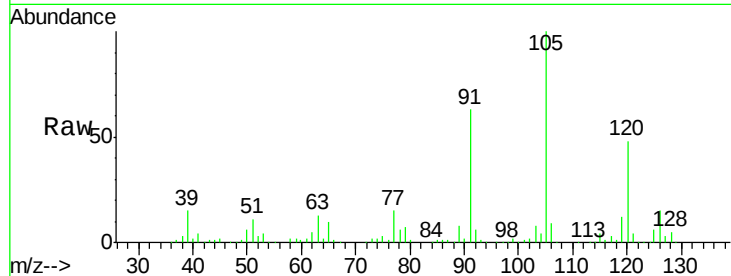
105 100

120 47.8 38.0 57.0

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#76

4-Chlorotoluene

Concen: 11.329 ug/l

RT: 11.10 min Scan# 3034

Delta R.T. -0.00 min

Lab File: VU039703.D

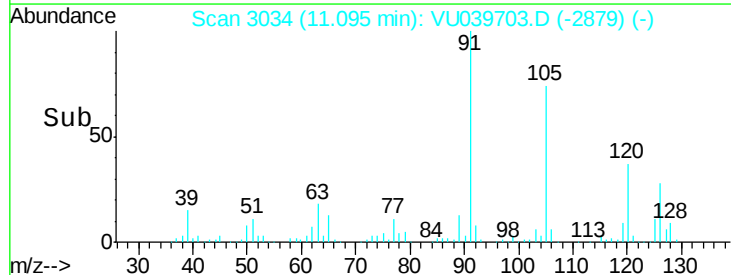
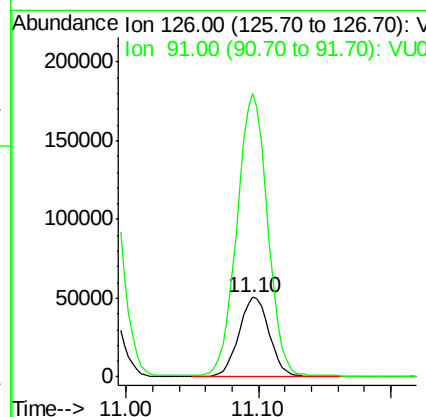
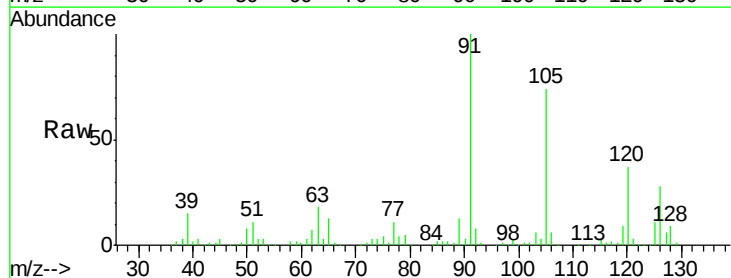
Acq: 29 Jul 2020 14:36

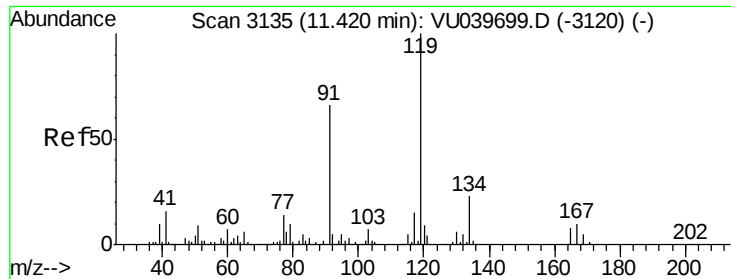
Tgt Ion:126 Resp: 80203

Ion Ratio Lower Upper

126 100

91 360.8 0.0 732.2





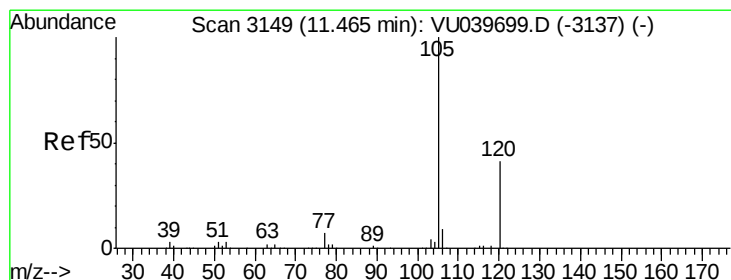
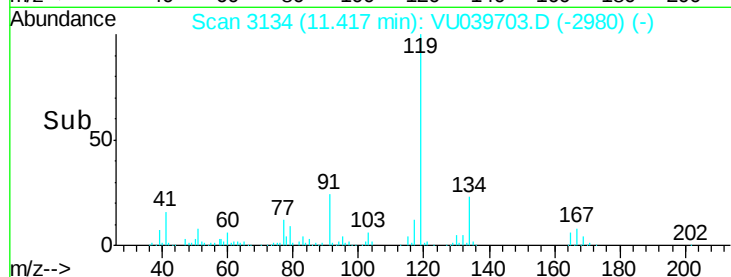
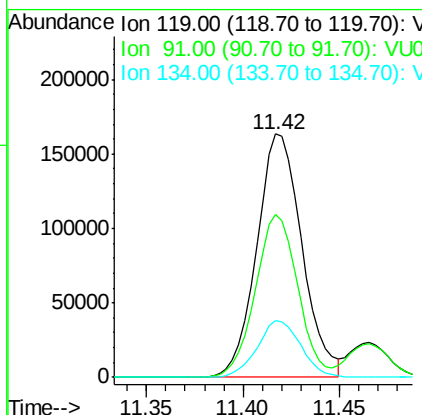
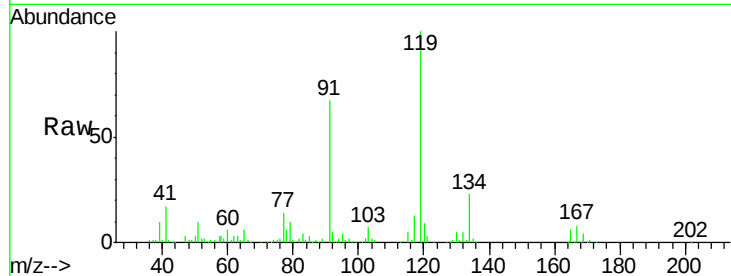
#77
 tert-Butylbenzene
 Concen: 11.167 ug/l
 RT: 11.42 min Scan# 3134
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	266505		
91	62.8	31.9	95.5	
134	22.6	18.2	27.4	

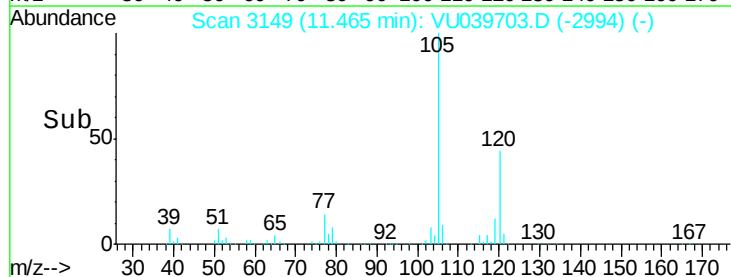
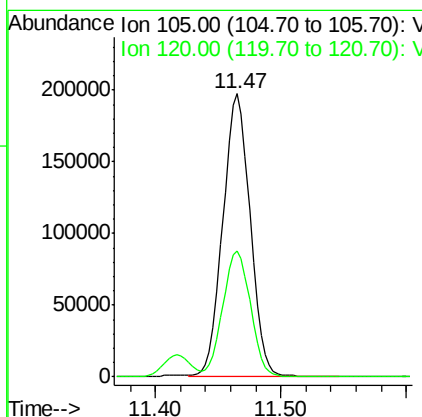
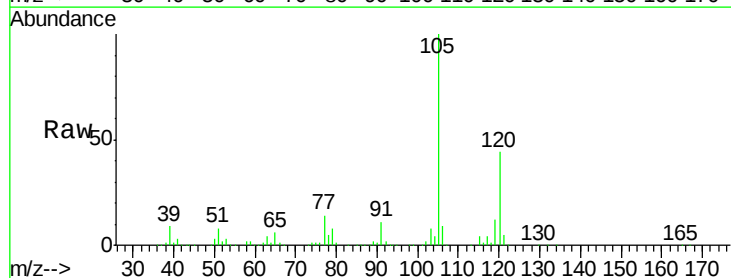
Manual Integrations
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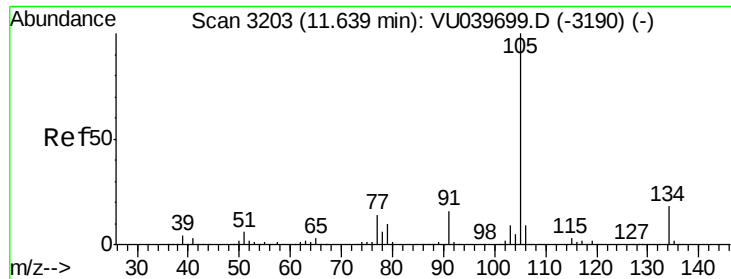
MMDadoda
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#78
 1,2,4-Trimethylbenzene
 Concen: 11.652 ug/l
 RT: 11.47 min Scan# 3149
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	297277		
120	45.2	22.7	68.0	





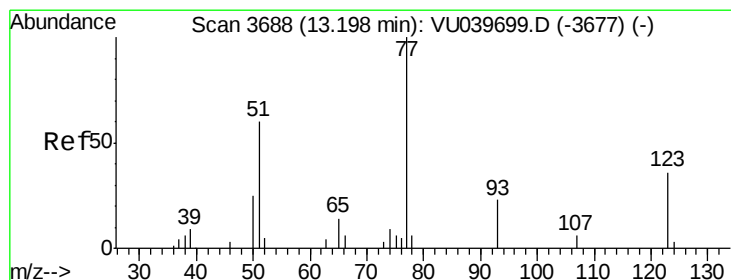
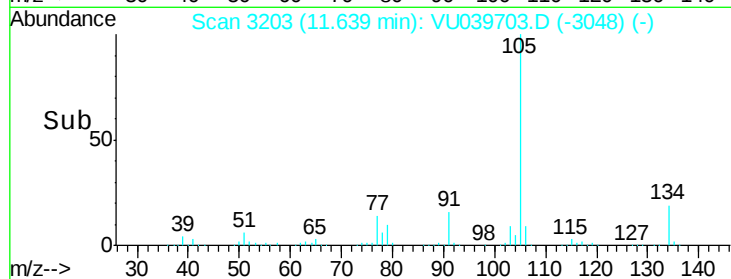
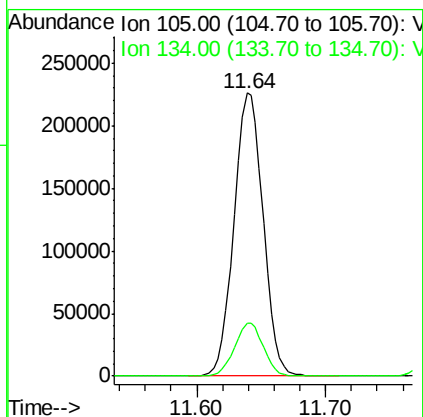
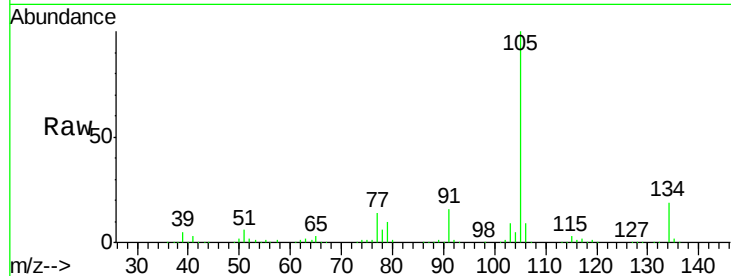
#79
 sec-Butylbenzene
 Concen: 10.424 ug/l
 RT: 11.64 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampled :
 ICVVU072920

Tgt Ion: 105 Resp: 354076
 Ion Ratio Lower Upper
 105 100
 134 18.6 14.8 22.2

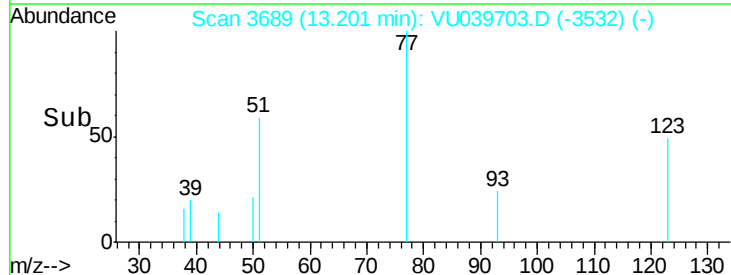
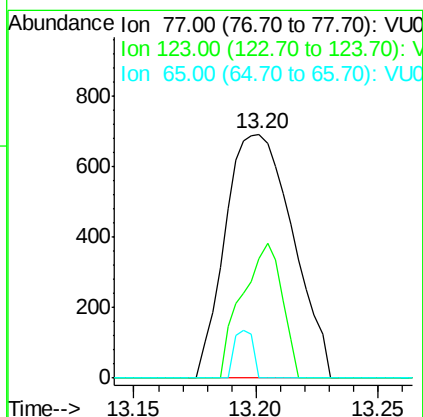
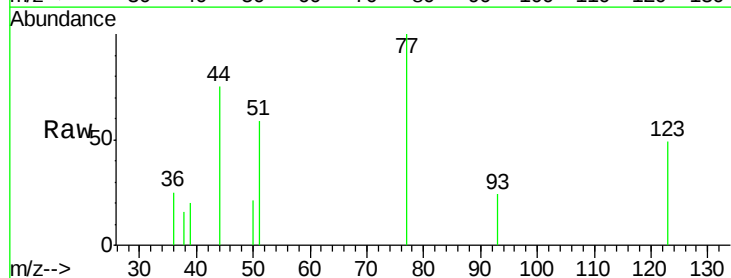
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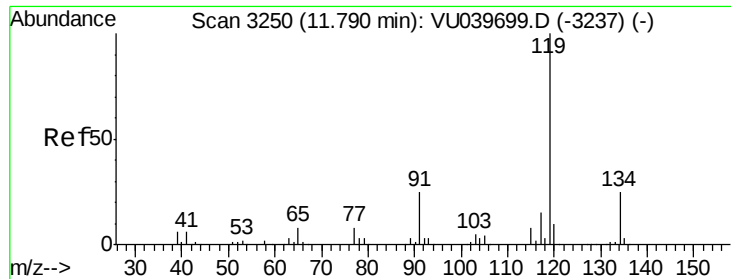
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#80
 Nitrobenzene
 Concen: 10.721 ug/l
 RT: 13.20 min Scan# 3689
 Delta R.T. 0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion: 77 Resp: 1325
 Ion Ratio Lower Upper
 77 100
 123 32.8 16.9 59.9
 65 0.0 14.4 18.4#





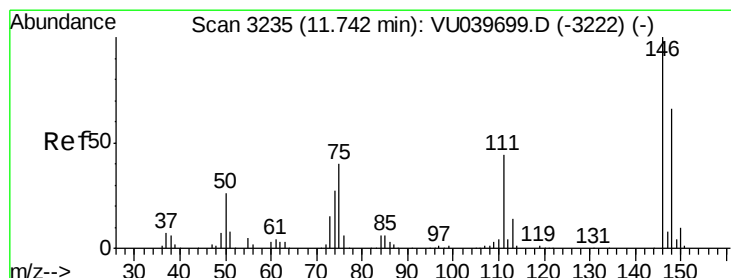
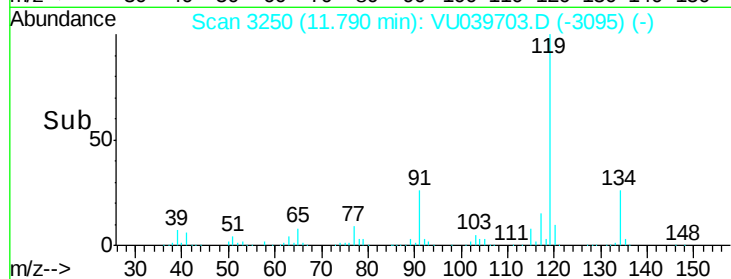
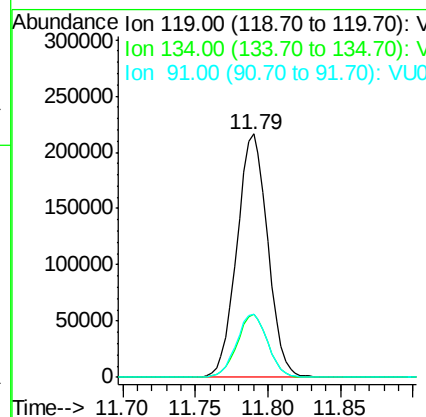
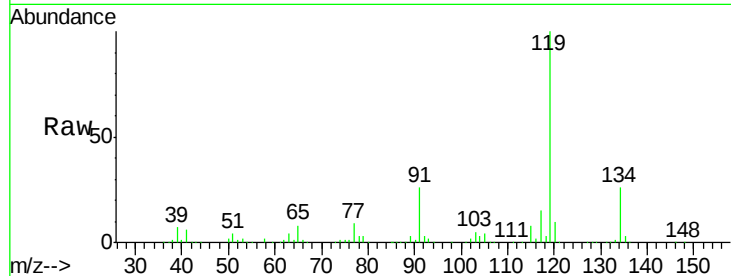
#81
p-Isopropyltoluene
Concen: 11.602 ug/l
RT: 11.79 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampled :
ICVVU072920

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	317599		
134	25.7	20.2	30.4	
91	26.2	20.7	31.1	

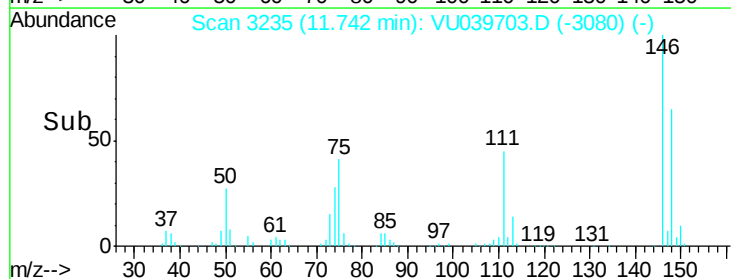
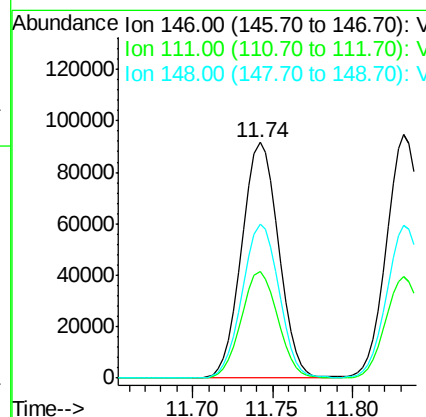
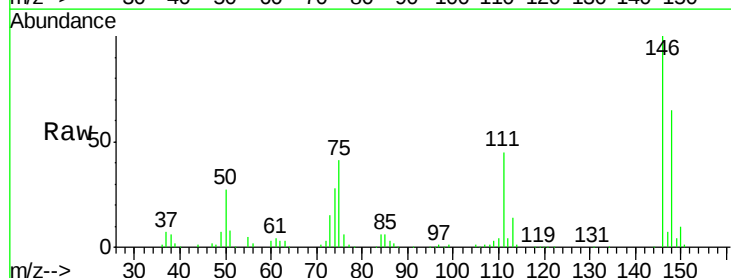
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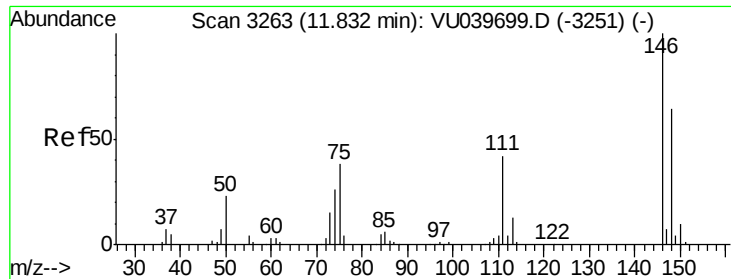
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#82
1,3-Dichlorobenzene
Concen: 10.253 ug/l
RT: 11.74 min Scan# 3235
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	144218		
111	44.8	34.5	51.7	
148	65.1	51.4	77.0	





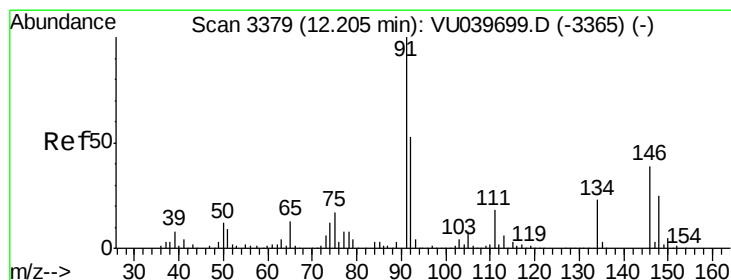
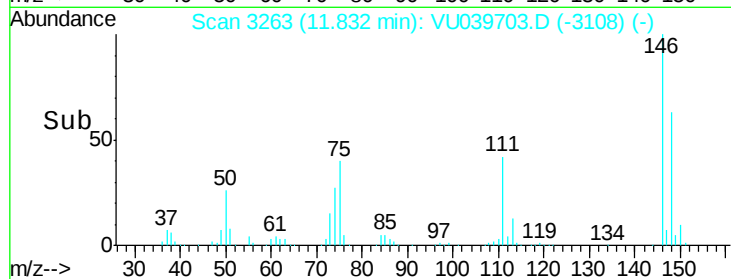
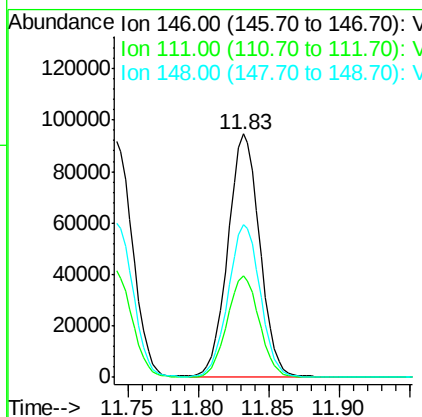
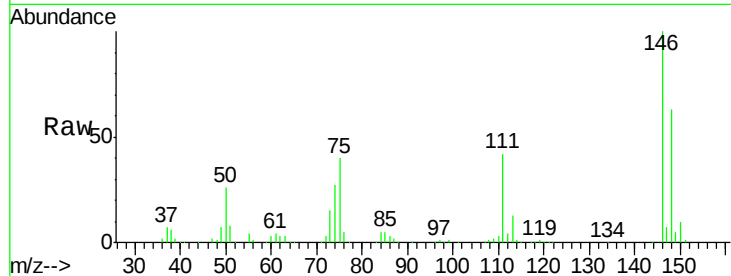
#83
 1,4-Dichlorobenzene
 Concen: 10.527 ug/l
 RT: 11.83 min Scan# 3263
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	33.8	50.6
148	63.2	51.1	76.7

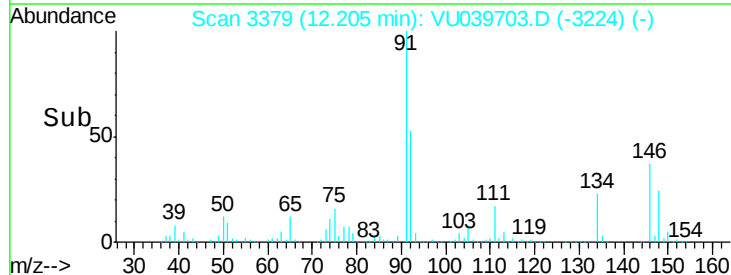
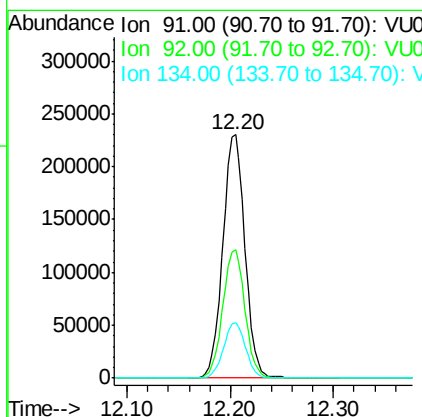
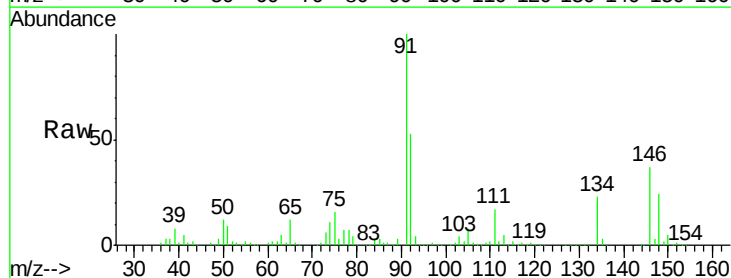
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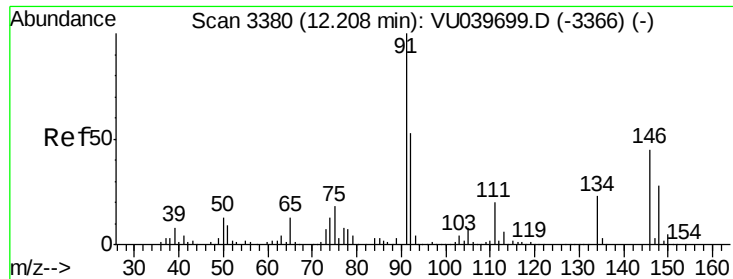
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#84
 n-Butylbenzene
 Concen: 11.800 ug/l
 RT: 12.20 min Scan# 3379
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.9	42.6	64.0
134	22.7	18.2	27.4





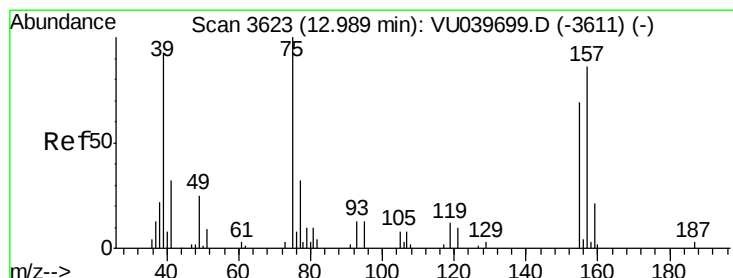
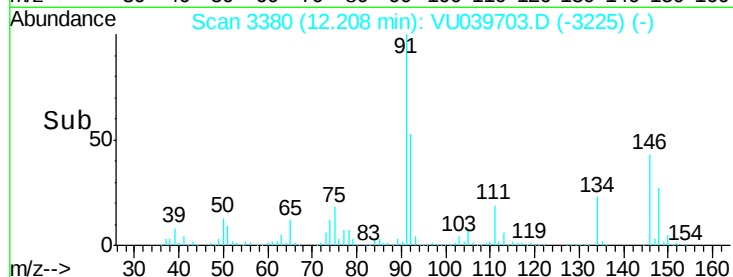
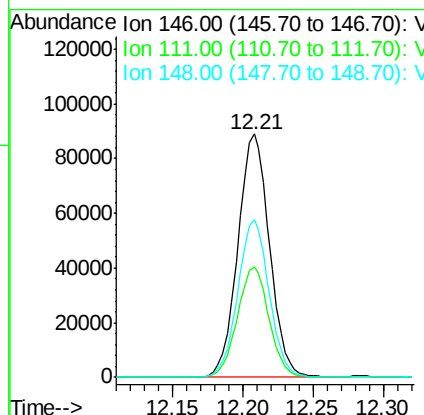
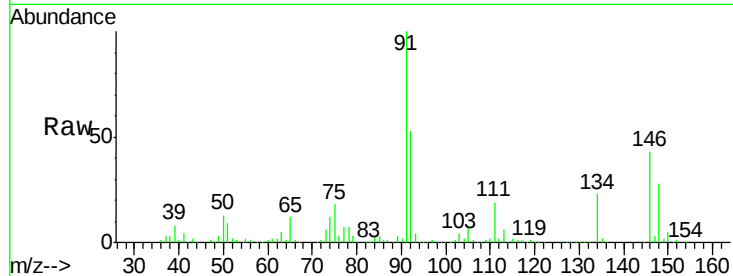
#85
 1,2-Dichlorobenzene
 Concen: 10.338 ug/l
 RT: 12.21 min Scan# 3380
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	140152		
111	45.4	22.8	68.3	
148	63.9	31.7	95.1	

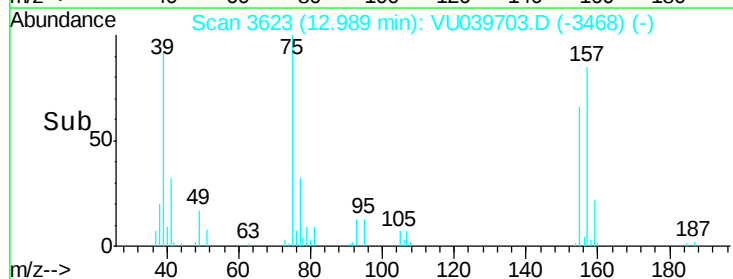
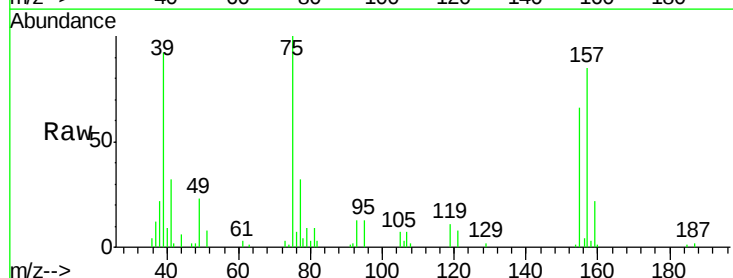
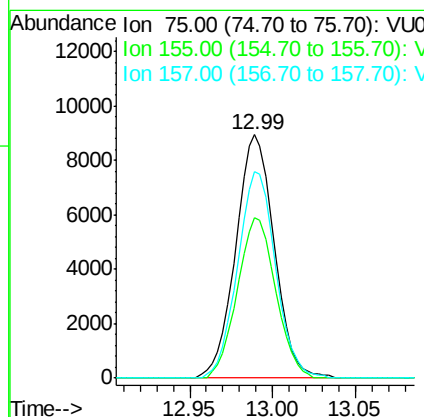
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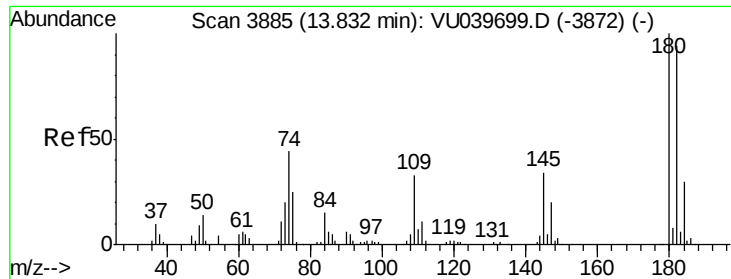
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 11.755 ug/l
 RT: 12.99 min Scan# 3623
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	14463		
155	65.4	52.9	79.3	
157	83.7	67.8	101.6	





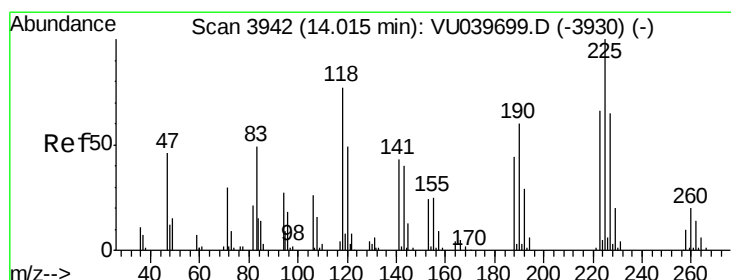
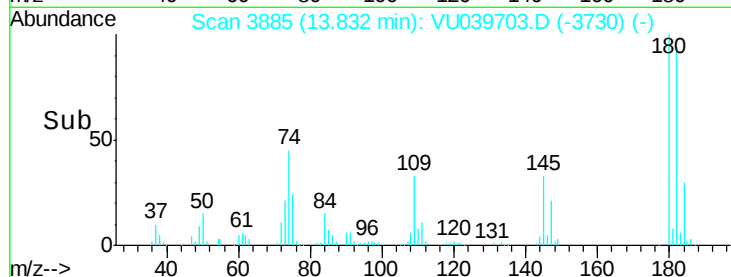
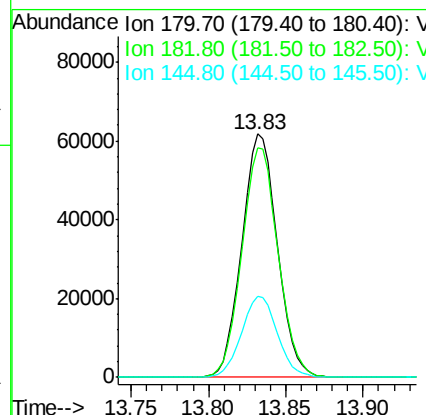
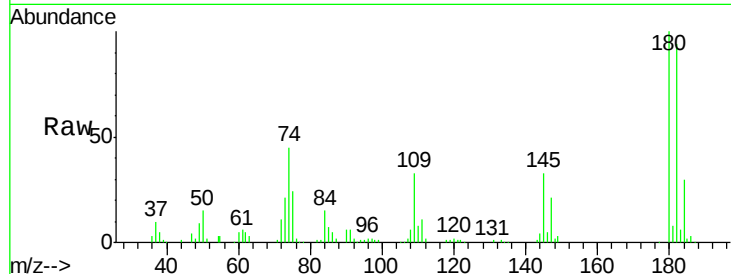
#87
 1,2,4-Trichlorobenzene
 Concen: 11.649 ug/l
 RT: 13.83 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU072920

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.4
145	33.4	26.8	40.2

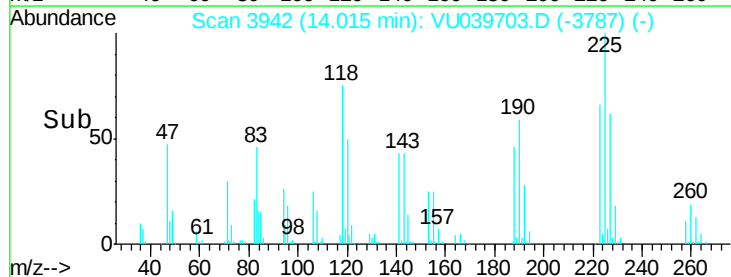
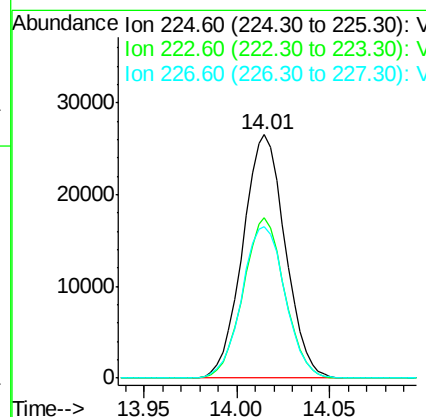
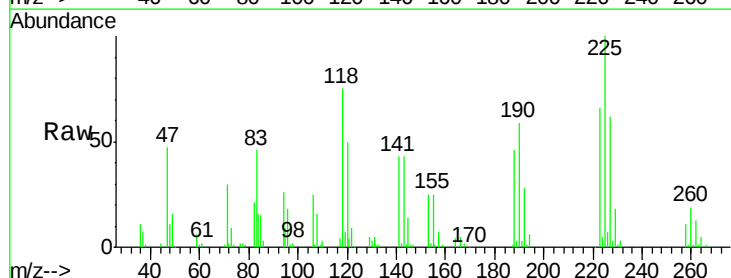
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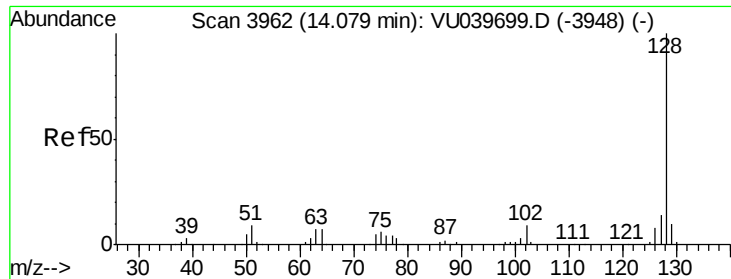
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#88
 Hexachlorobutadiene
 Concen: 10.935 ug/l
 RT: 14.01 min Scan# 3942
 Delta R.T. -0.00 min
 Lab File: VU039703.D
 Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	52.4	78.6
227	63.3	50.7	76.1





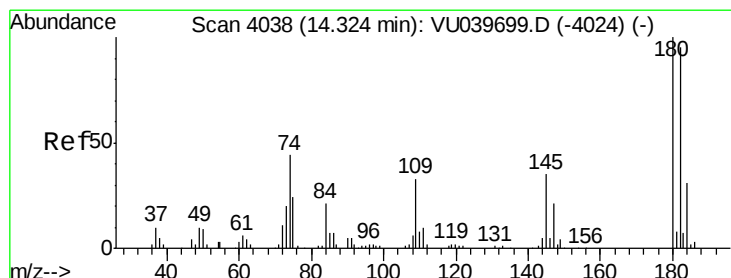
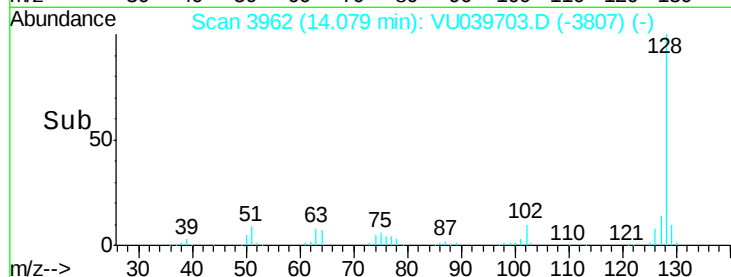
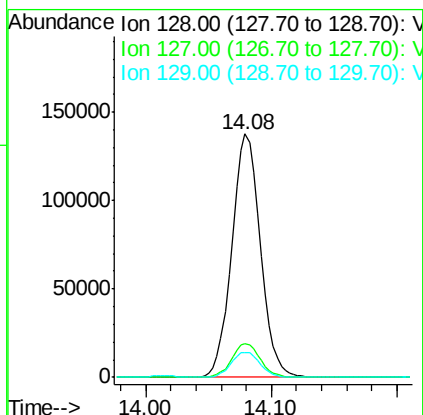
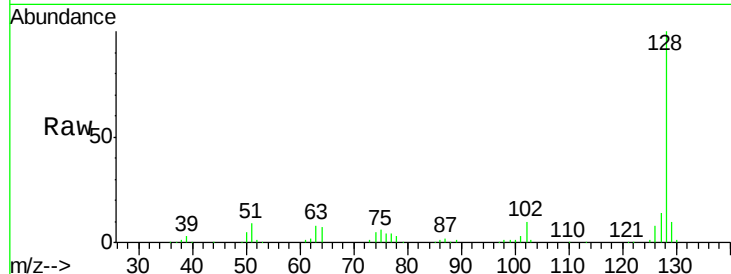
#89
Naphthalene
Concen: 11.976 ug/l
RT: 14.08 min Scan# 3962
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Instrument :
MSVOA_U
ClientSampleId :
ICVVU072920

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.8	11.0	16.4
129	10.6	8.4	12.6

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 11.445 ug/l
RT: 14.32 min Scan# 4038
Delta R.T. -0.00 min
Lab File: VU039703.D
Acq: 29 Jul 2020 14:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.0	114.0
145	35.1	27.8	41.6

