

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042619\
 Data File : VU031512.D
 Acq On : 25 Apr 2019 22:03
 Operator : JC/SP
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Manual Integrations
 APPROVED

MMdadoda
 4/26/2019 12:22:52 PM

Quant Time: Apr 26 05:46:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U042619DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 26 04:42:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	79591	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	28473	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	26264	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	222714	6.199	ug/l	99
3) Chloromethane	1.32	50	331386	7.729	ug/l	99
4) Vinyl Chloride	1.40	62	332236	8.139	ug/l	100
5) Bromomethane	1.62	94	174531	8.823	ug/l	96
6) Chloroethane	1.69	64	195938	8.678	ug/l	100
7) Trichlorofluoromethane	1.88	101	415038	8.926	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	234775	10.243	ug/l	97
9) 1,1-Dichloroethene	2.28	96	238816	10.479	ug/l	100
10) Iodomethane	2.41	142	249415	9.948	ug/l	99
11) Allyl Chloride	2.59	41	498012	9.977	ug/l	97
12) Acrylonitrile	2.93	53	342033	49.541	ug/l	97
13) Acetone	2.32	43	282833	44.959	ug/l	98
14) Carbon Disulfide	2.47	76	804808	9.200	ug/l	99
15) Methylene Chloride	2.69	84	271838	9.411	ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	253537	9.943	ug/l	96
17) 1,1-Dichloroethane	3.44	63	529448	9.959	ug/l	99
18) 2-Butanone	4.27	43	430827	52.412	ug/l	99
19) Cyclohexane	4.99	56	464839m	11.358	ug/l	
20) Methylcyclohexane	6.41	83	388197	11.818	ug/l	99
21) 2,2-Dichloropropane	4.22	77	355081	9.142	ug/l	100
22) cis-1,2-Dichloroethene	4.22	96	278177	10.200	ug/l	99
23) Diethyl Ether	2.10	59	211212	9.671	ug/l	97
24) tert-Butyl Alcohol	2.83	59	111701	49.314	ug/l	100
25) Methyl tert-Butyl Ether	3.00	73	677188	10.206	ug/l	99
26) Bromochloromethane	4.54	128	115911	10.057	ug/l	98
27) Chloroform	4.67	83	487855	9.899	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	417020	10.046	ug/l	99
29) 1,1-Dichloropropene	5.13	75	371680	11.056	ug/l	99
30) Carbon Tetrachloride	5.13	117	355107	10.043	ug/l	99
31) Isopropyl Ether	3.57	45	917491	11.524	ug/l #	1
34) Propionitrile	4.33	54	255623	115.932	ug/l #	98
35) Benzene	5.38	78	1087693	10.580	ug/l	100
36) 1,2-Dichloroethane	5.40	62	339999	10.149	ug/l	99
37) Trichloroethene	6.18	130	251168	9.985	ug/l	96
38) 1,2-Dichloropropane	6.43	63	303942	10.464	ug/l	98
39) Methacrylonitrile	4.54	41	109013	11.784	ug/l	98
40) Methyl acrylate	4.42	55	147801	10.172	ug/l	95
41) Tetrahydrofuran	4.64	42	295788	58.355	ug/l	98
42) 1-Chlorobutane	5.06	56	566578	11.109	ug/l	98
43) Dibromomethane	6.56	93	147483	10.332	ug/l	99
44) Bromodichloromethane	6.75	83	374497	10.559	ug/l	99

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Quant Time: Apr 26 05:46:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U042619DW.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	7.46	43	979428	57.328	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	64570m	12.316	ug/l	
47) Methyl methacrylate	6.62	69	132733	12.035	ug/l	98
48) Ethyl methacrylate	8.02	69	243096	12.666	ug/l	97
49) Toluene	7.63	92	628311	11.756	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	328003	11.740	ug/l	99
51) cis-1,3-Dichloropropene	7.26	75	389534	11.446	ug/l	97
52) 1,1,2-Trichloroethane	8.06	97	204642	10.985	ug/l	98
53) 1,3-Dichloropropane	8.24	76	363093	11.113	ug/l	99
54) 2-Hexanone	8.36	43	662718	57.531	ug/l	98
55) Dibromochloromethane	8.47	129	224743	10.699	ug/l	99
56) 1,2-Dibromoethane	8.58	107	180667	10.838	ug/l	96
58) Tetrachloroethene	8.22	164	251247	10.356	ug/l	98
59) Chlorobenzene	9.12	112	621551	11.085	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.20	131	232614	10.638	ug/l	99
61) Pentachloroethane	11.10	117	160956	10.387	ug/l	99
62) Hexachloroethane	12.14	117	167560	10.980	ug/l	100
63) Ethyl Benzene	9.25	91	1150394	12.530	ug/l	99
64) m/p-Xylenes	9.37	106	866560	25.225	ug/l	96
65) o-Xylene	9.77	106	404136	12.107	ug/l	99
66) Styrene	9.79	104	725131	11.002	ug/l	99
67) Bromoform	9.95	173	126982	10.804	ug/l	99
69) Isopropylbenzene	10.16	105	1111003	12.709	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.45	83	249740	10.415	ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	192026m	10.989	ug/l	
72) Bromobenzene	10.45	156	256816	11.582	ug/l	98
73) n-propylbenzene	10.58	120	277899	12.283	ug/l	94
74) 2-Chlorotoluene	10.66	126	253434	11.753	ug/l	98
75) 1,3,5-Trimethylbenzene	10.77	105	980233	11.325	ug/l	99
76) 4-Chlorotoluene	10.77	126	263168	10.902	ug/l	98
77) tert-Butylbenzene	11.10	119	831037	11.894	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	972674	11.070	ug/l	100
79) sec-Butylbenzene	11.32	105	1100694	11.549	ug/l	99
80) Nitrobenzene	12.87	77	6968m	12.071	ug/l	
81) p-Isopropyltoluene	11.47	119	975471	11.108	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	479487	10.935	ug/l	97
83) 1,4-Dichlorobenzene	11.50	146	499399	11.861	ug/l	99
84) n-Butylbenzene	11.89	91	952557	10.959	ug/l	100
85) 1,2-Dichlorobenzene	11.87	146	448692	10.766	ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.65	75	38845	11.253	ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	301720	11.787	ug/l	99
88) Hexachlorobutadiene	13.69	225	167848	10.962	ug/l	96
89) Naphthalene	13.74	128	546056	11.408	ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	277583	12.840	ug/l	100

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

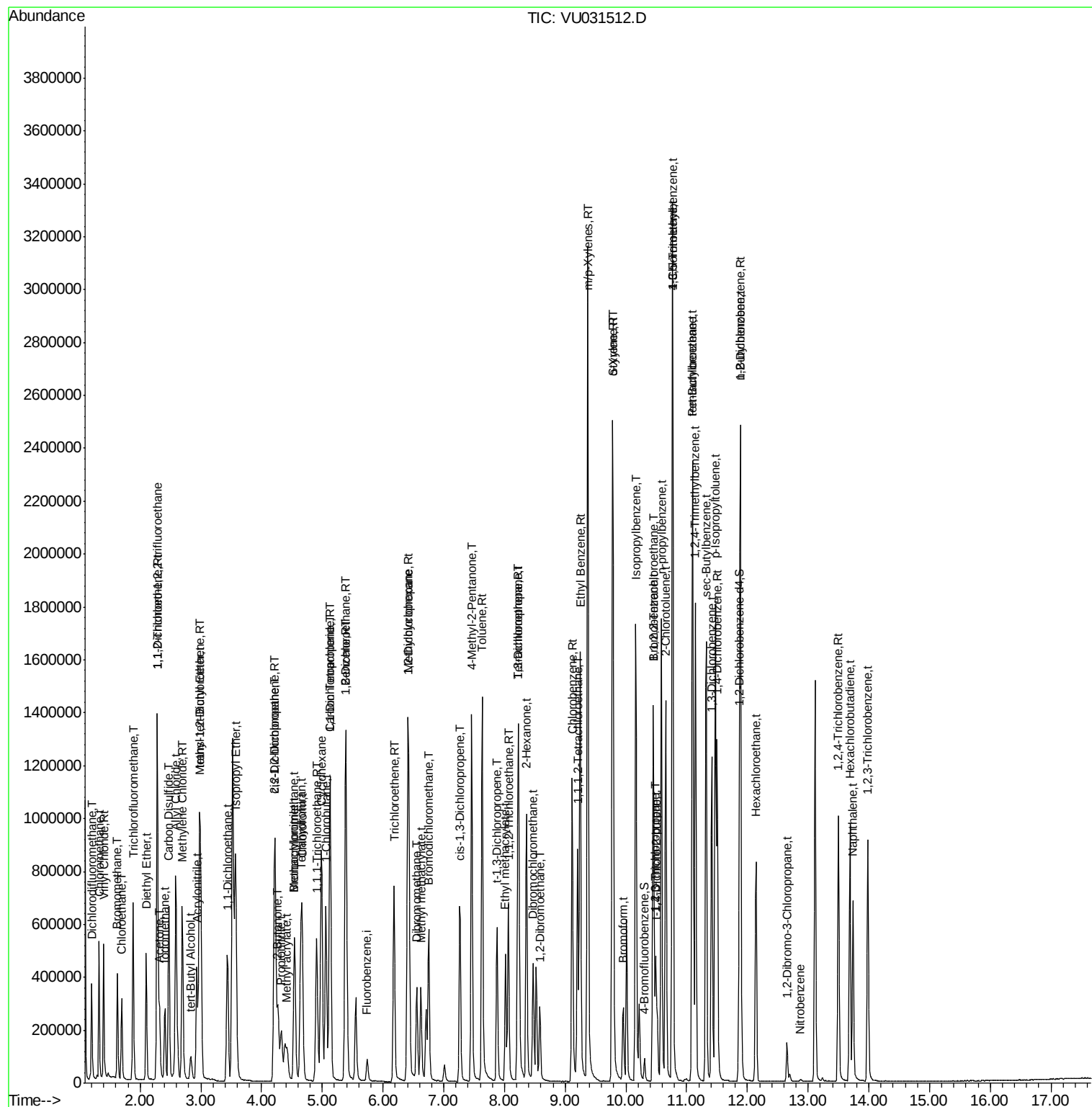
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042619\
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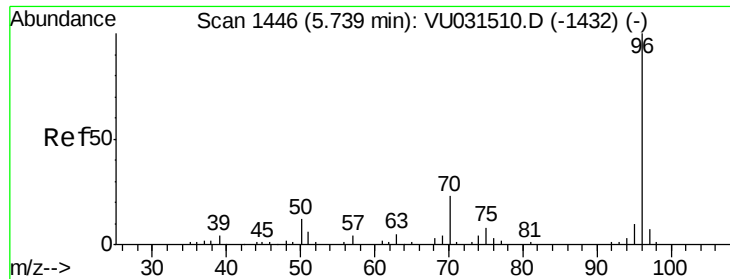
Instrument :
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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1446

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

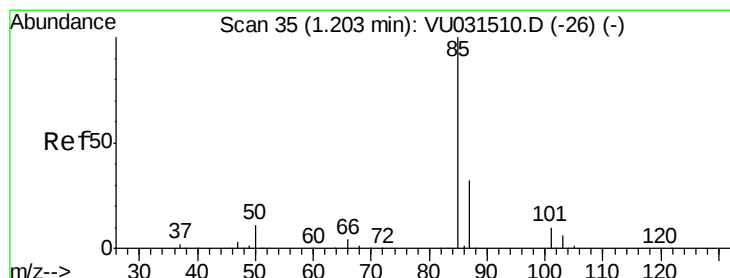
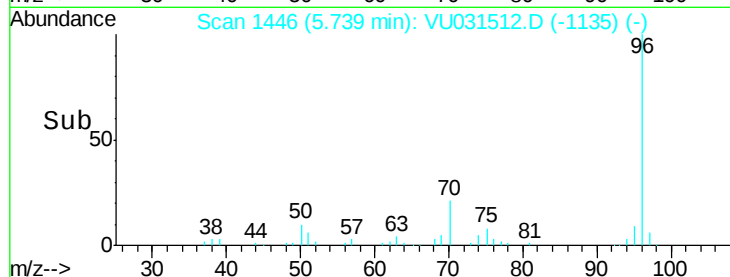
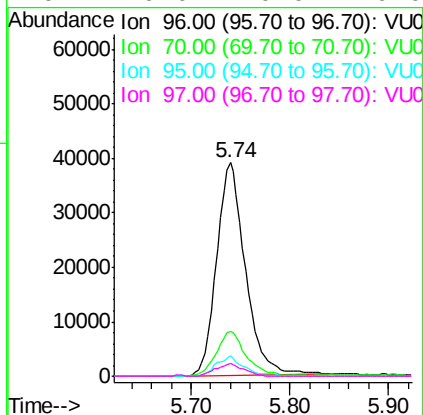
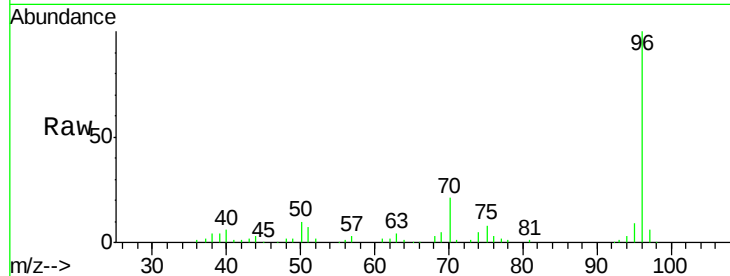
ClientSampleId :

ICVVU042619

Tot Ion:	96	Resp:	79591
Ion	Ratio	Lower	Upper
96	100		
70	22.1	18.2	27.2
95	9.2	7.7	11.5
97	0.0	0.0	0.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 6.199 ug/l

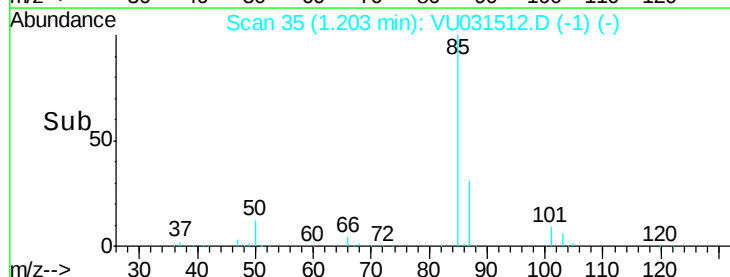
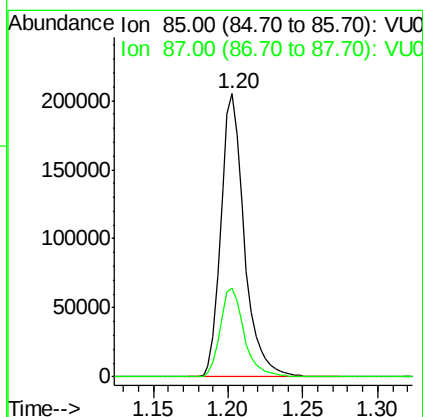
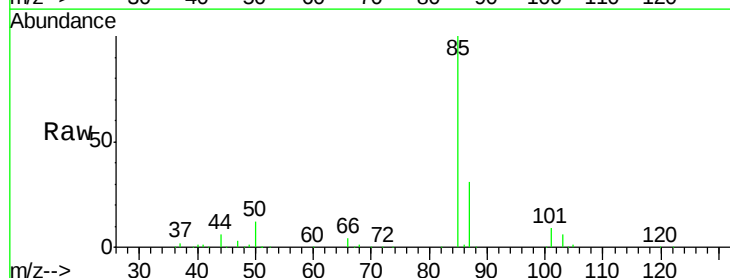
RT: 1.20 min Scan# 35

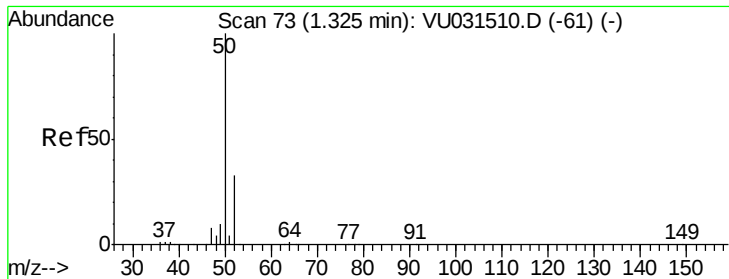
Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Tgt Ion:	85	Resp:	222714
Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.1	48.2





#3

Chloromethane

Concen: 7.729 ug/l

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU042619

Tot Ion: 50 Resp: 331386

Ion Ratio Lower Upper

50 100

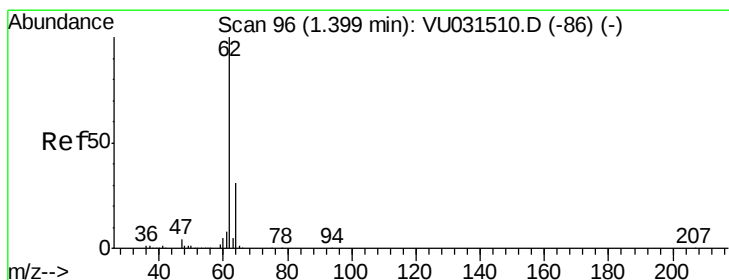
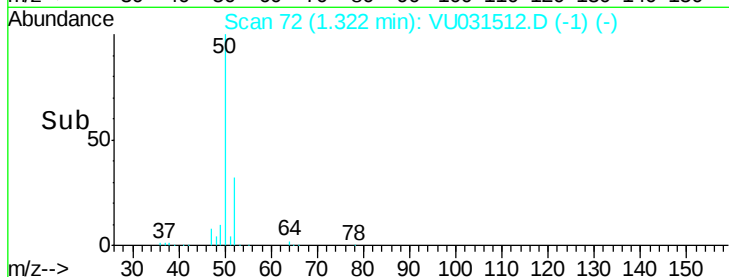
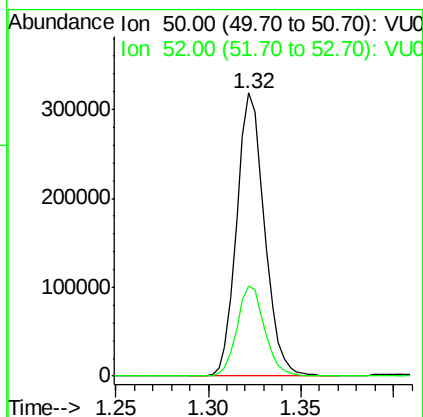
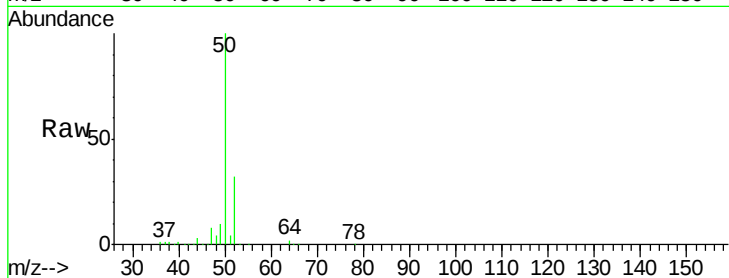
52 32.0 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 8.139 ug/l

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031512.D

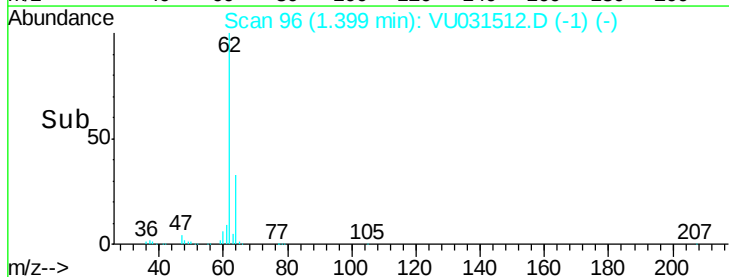
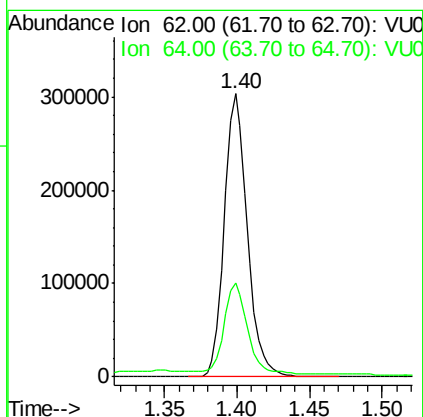
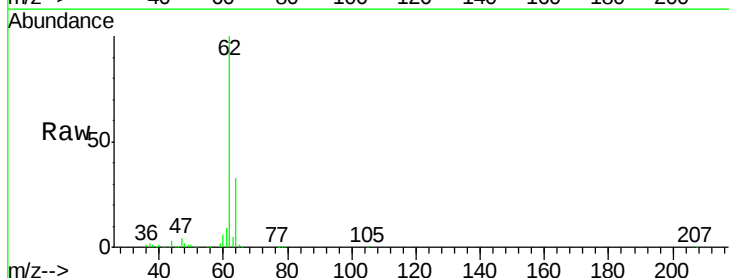
Acq: 25 Apr 2019 22:03

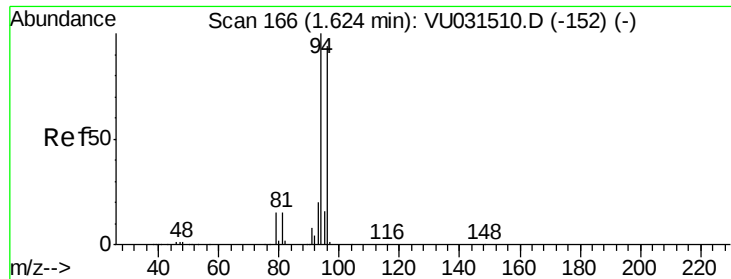
Tgt Ion: 62 Resp: 332236

Ion Ratio Lower Upper

62 100

64 32.2 25.5 38.3





#5

Bromomethane

Concen: 8.823 ug/l

RT: 1.62 min Scan# 166

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU042619

Tot Ion: 94 Resp: 174531

Ion Ratio Lower Upper

94 100

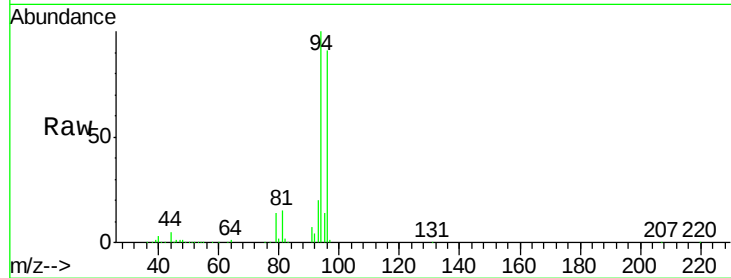
96 90.5 75.5 113.3

Manual Integrations

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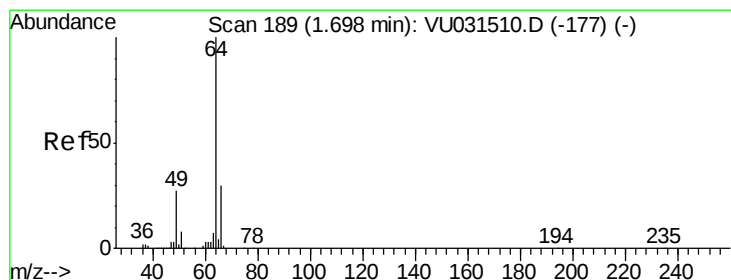
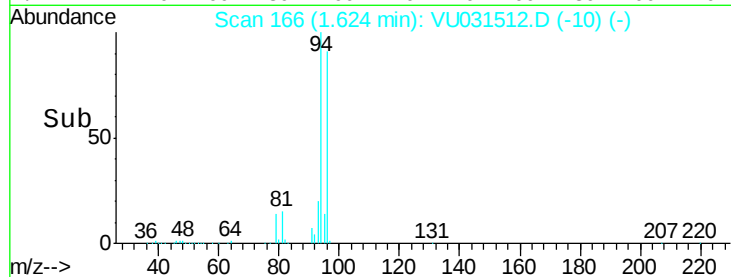
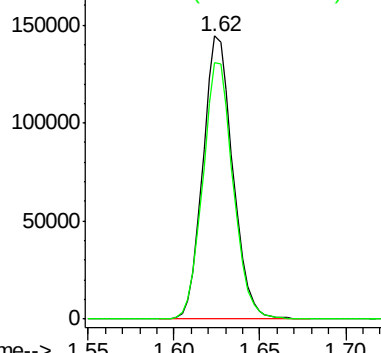
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Abundance Ion 94.00 (93.70 to 94.70): VU0

Ion 96.00 (95.70 to 96.70): VU0



#6

Chloroethane

Concen: 8.678 ug/l

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU031512.D

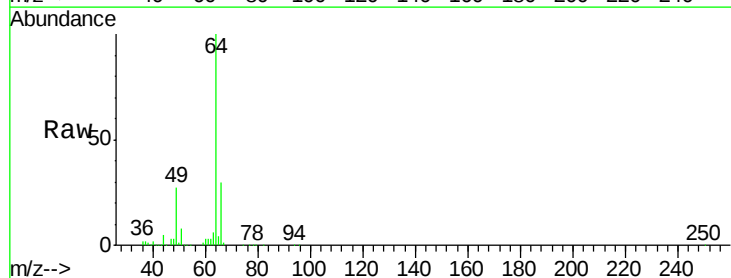
Acq: 25 Apr 2019 22:03

Tgt Ion: 64 Resp: 195938

Ion Ratio Lower Upper

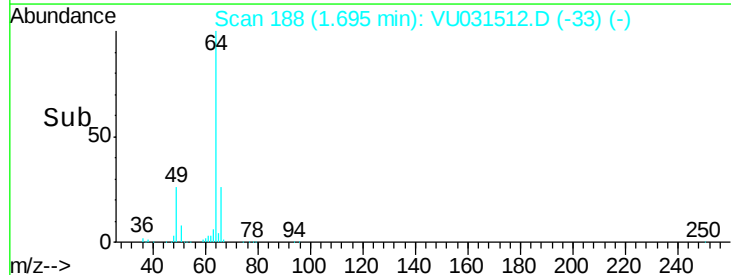
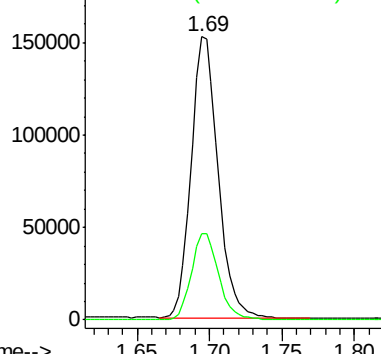
64 100

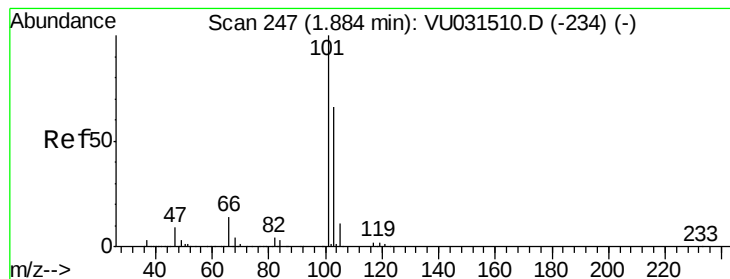
66 30.7 24.3 36.5



Abundance Ion 64.00 (63.70 to 64.70): VU0

Ion 66.00 (65.70 to 66.70): VU0





#7

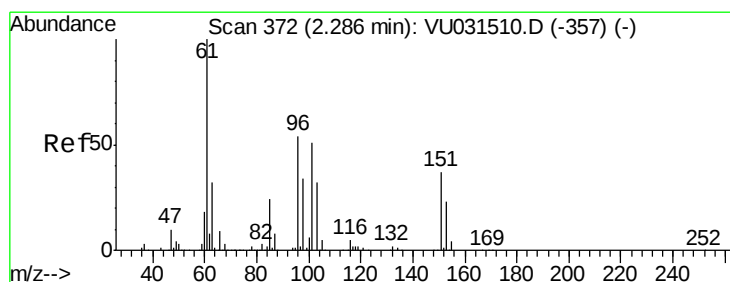
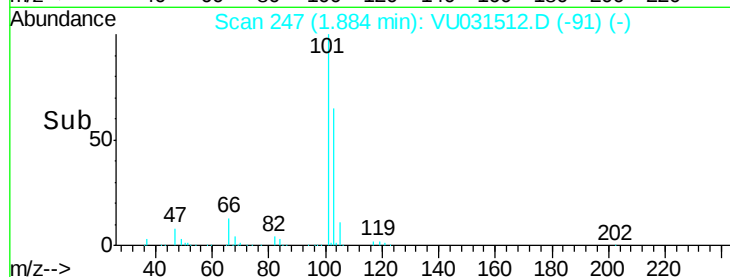
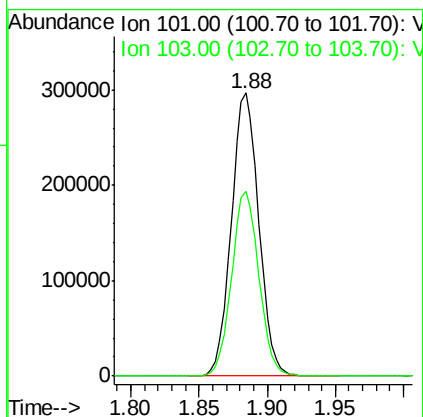
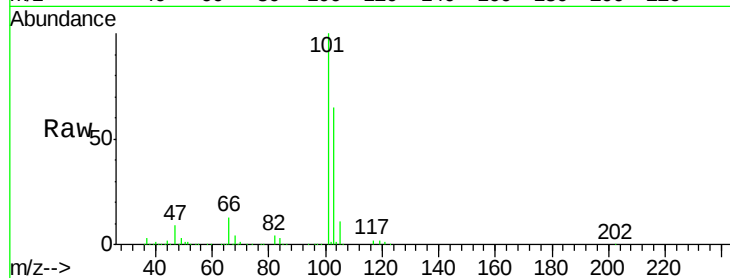
Trichlorofluoromethane
Concen: 8.926 ug/l
RT: 1.88 min Scan# 247
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		415038		
103	65.1		52.8	79.2	

Manual Integrations
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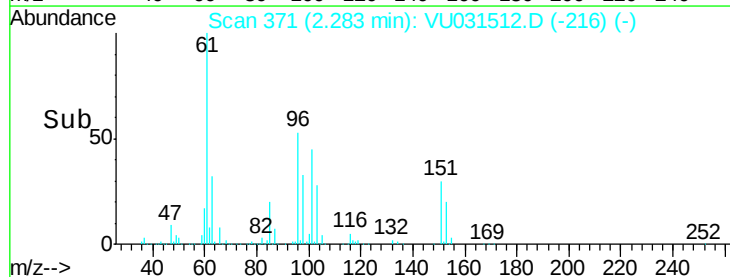
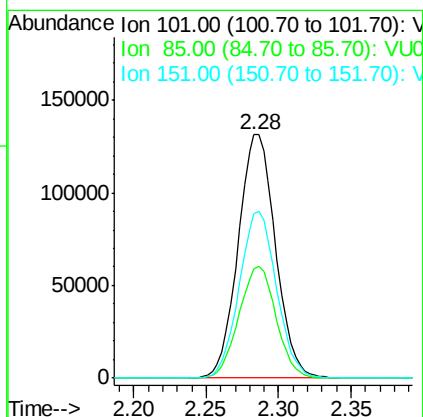
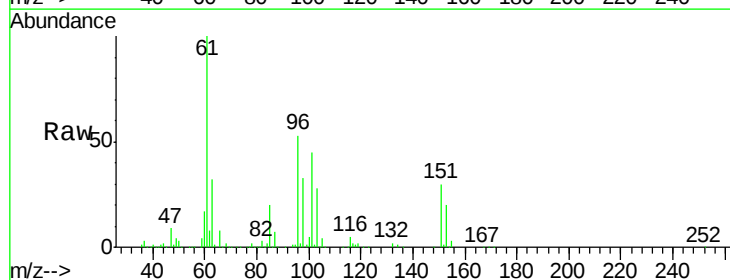
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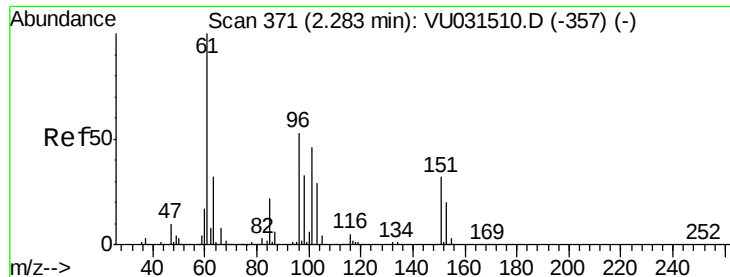


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.243 ug/l
RT: 2.28 min Scan# 371
Delta R.T. -0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
101	100		234775		
85	45.8		37.8	56.6	
151	68.5		57.4	86.0	





#9

1,1-Dichloroethene

Concen: 10.479 ug/l

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

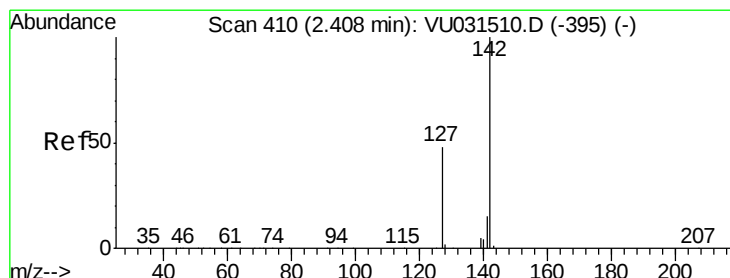
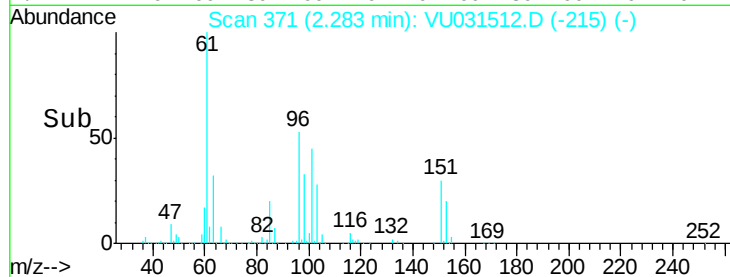
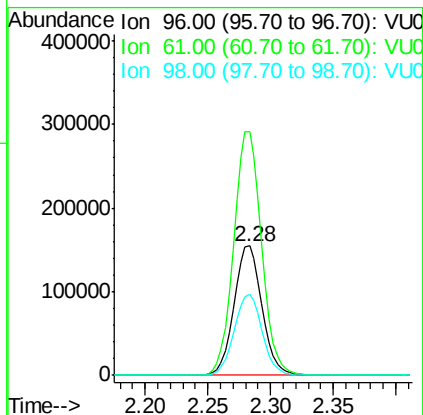
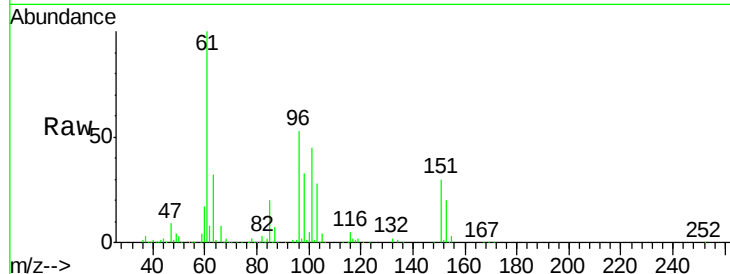
ClientSampleId :

ICVVU042619

Tot Ion:	96	Resp:	238816
Ion Ratio	Lower	Upper	
96	100		
61	188.3	0.0	566.7
98	62.7	0.0	126.4

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#10

Iodomethane

Concen: 9.948 ug/l

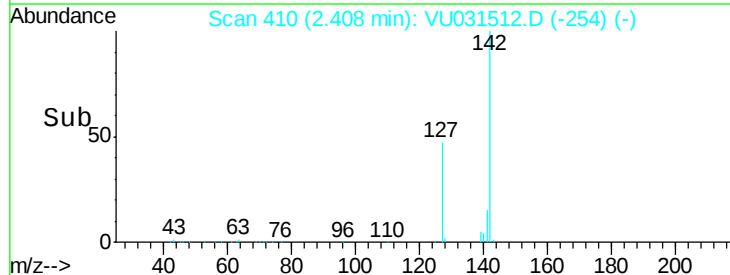
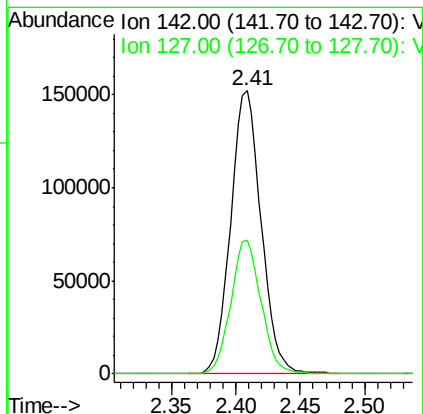
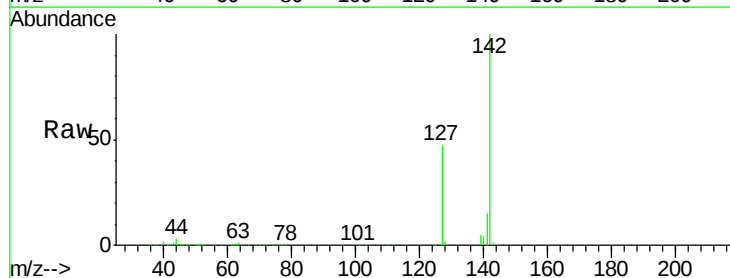
RT: 2.41 min Scan# 410

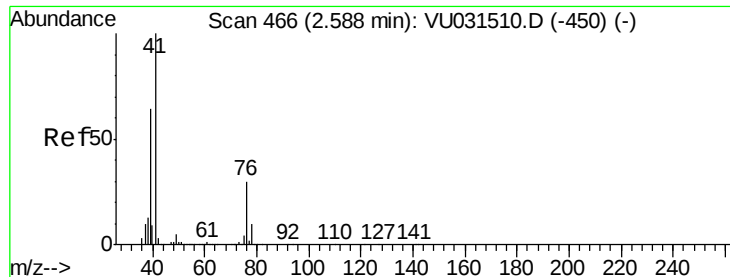
Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Tgt Ion:	142	Resp:	249415
Ion Ratio	Lower	Upper	
142	100		
127	46.8	38.2	57.2





#11

Allvl Chloride

Concen: 9.977 ug/l

RT: 2.59 min Scan# 466

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU042619

Tot Ion: 41 Resp: 498012

Ion Ratio Lower Upper

41 100

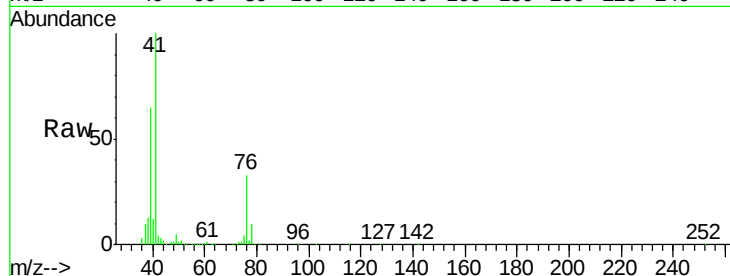
39 61.9 51.4 77.0

Manual Integrations

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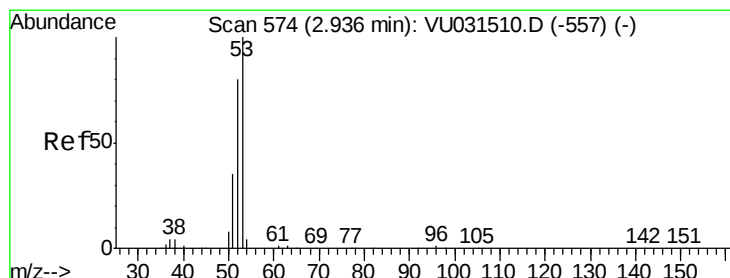
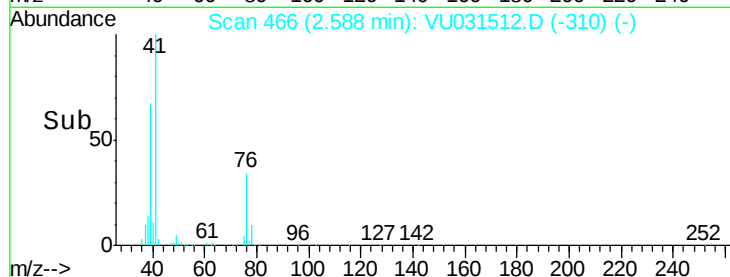
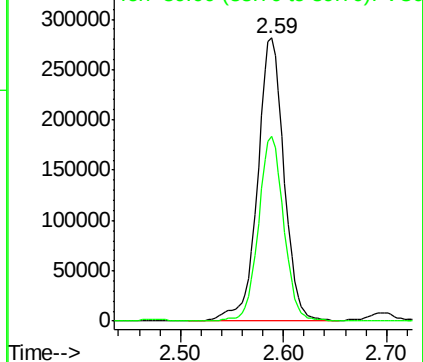
MMdadoda

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Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#12

Acrylonitrile

Concen: 49.541 ug/l

RT: 2.93 min Scan# 573

Delta R.T. -0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

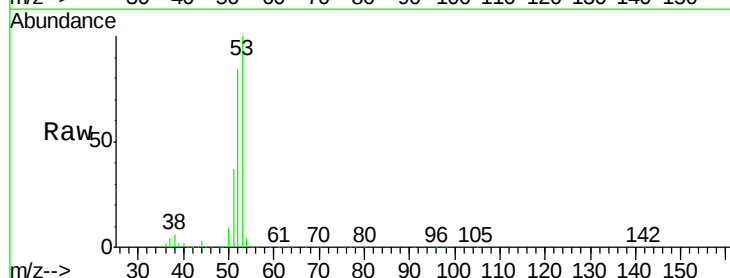
Tgt Ion: 53 Resp: 342033

Ion Ratio Lower Upper

53 100

52 84.6 69.4 104.0

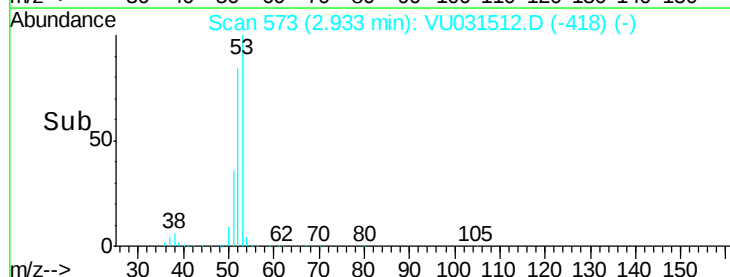
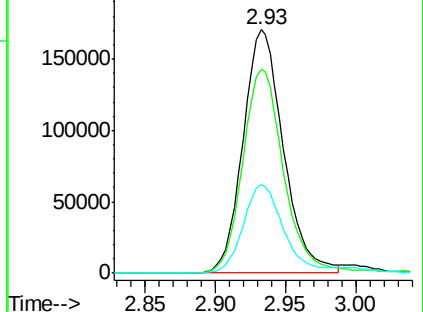
51 36.2 27.5 41.3

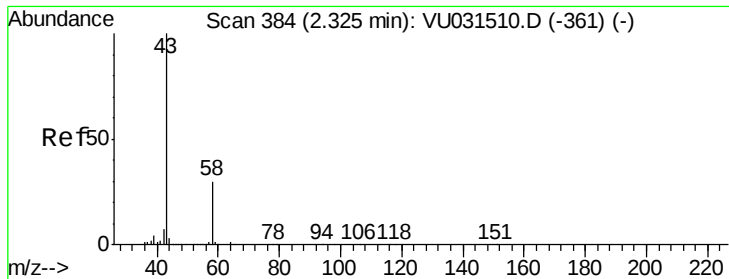


Abundance Ion 53.00 (52.70 to 53.70): VU0

Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0





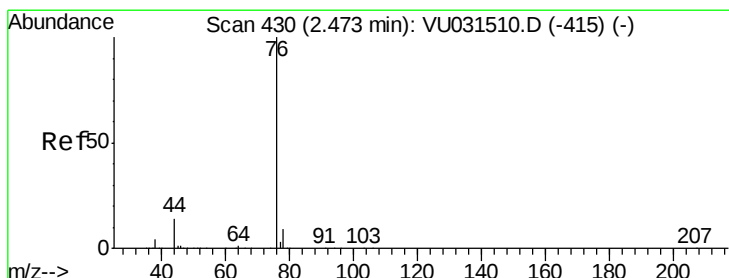
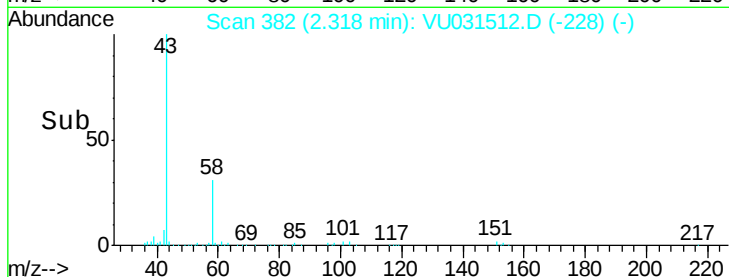
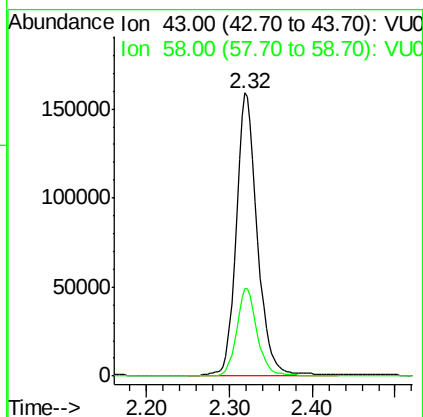
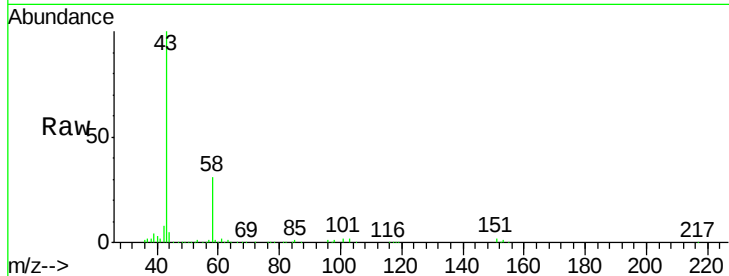
#13
Acetone
Concen: 44.959 ug/l
RT: 2.32 min Scan# 382
Delta R.T. -0.01 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

Tot Ion: 43 Resp: 282833
Ion Ratio Lower Upper
43 100
58 31.0 24.1 36.1

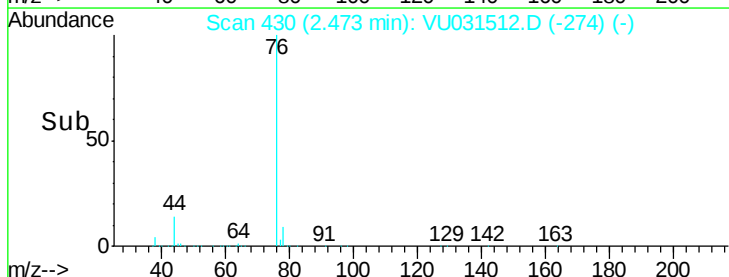
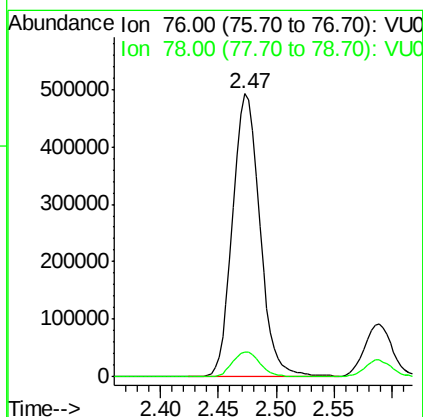
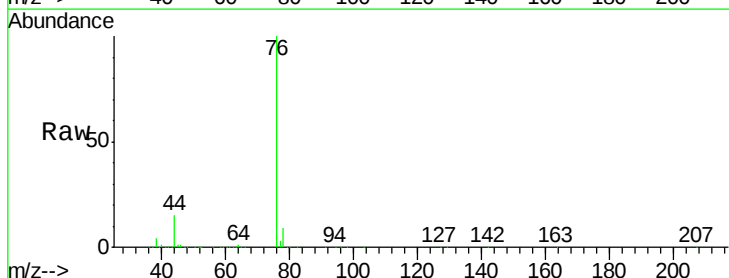
Manual Integrations
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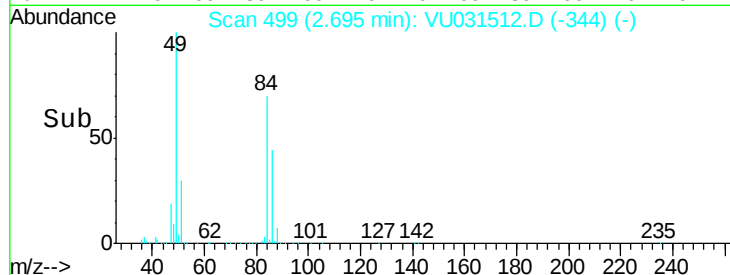
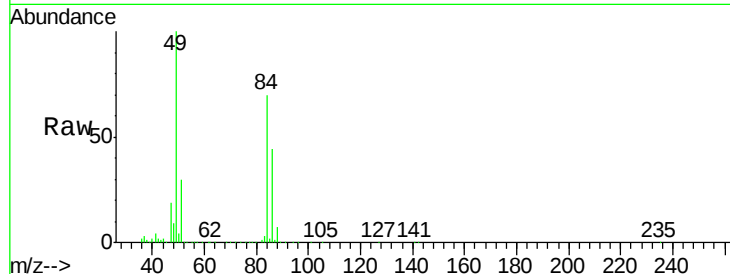
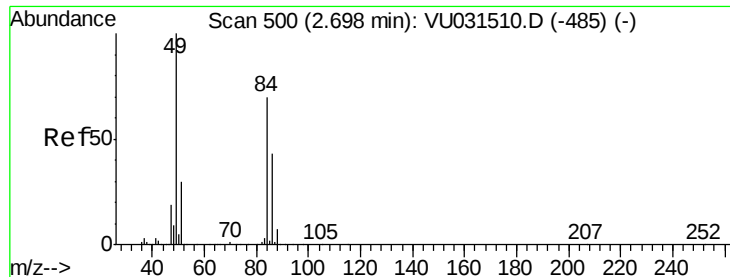
MMDadoda
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#14
Carbon Disulfide
Concen: 9.200 ug/l
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion: 76 Resp: 804808
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8





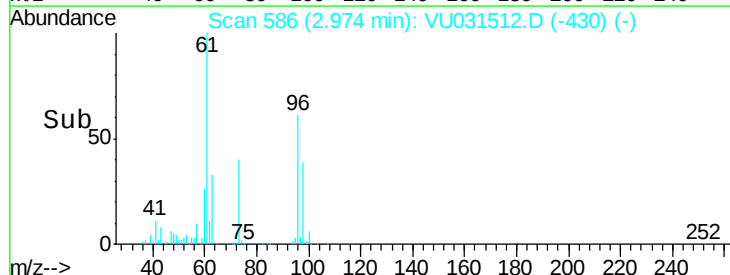
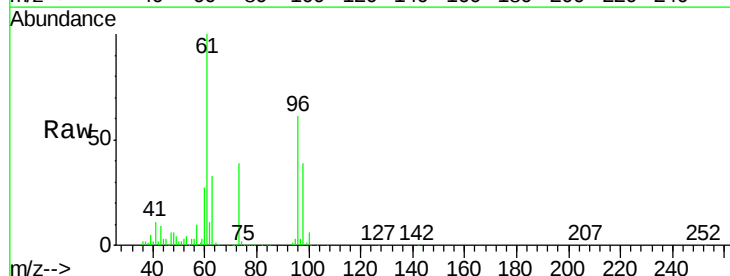
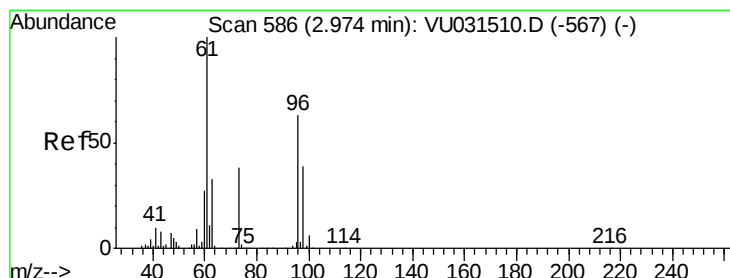
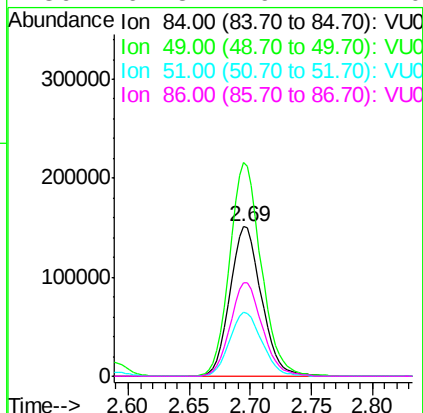
#15
Methvlene Chloride
Concen: 9.411 ug/l
RT: 2.69 min Scan# 499
Delta R.T. -0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tot Ion	84	Resp	271838
Ion Ratio	Lower	Upper	
84	100		
49	142.8	113.6	170.4
51	42.8	0.0	85.6
86	62.8	49.4	74.0

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

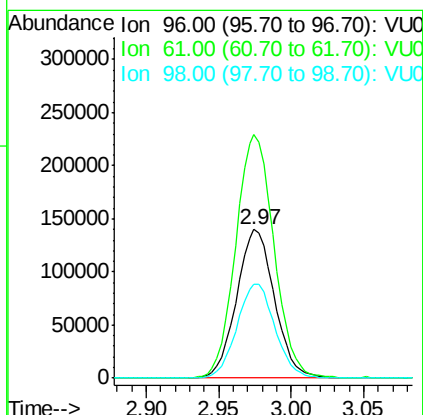
Manual Integrations
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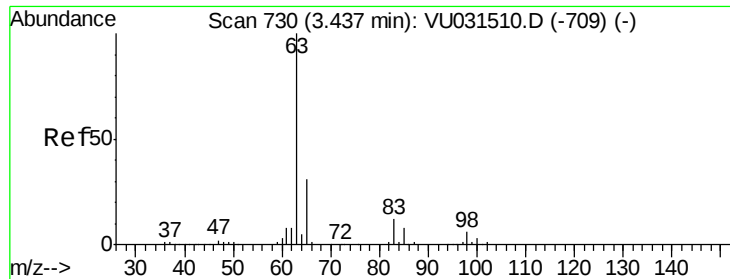
MMdadoda
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#16
trans-1,2-Dichloroethene
Concen: 9.943 ug/l
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion	96	Resp	253537
Ion Ratio	Lower	Upper	
96	100		
61	164.1	127.2	190.8
98	63.8	49.4	74.0





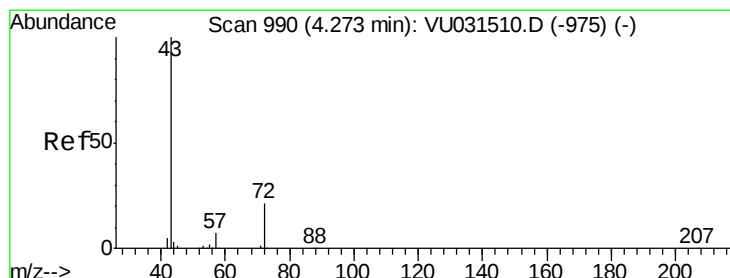
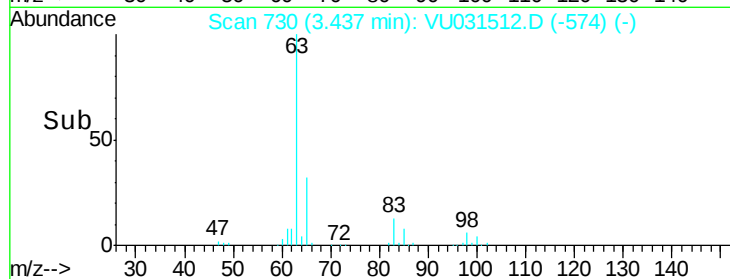
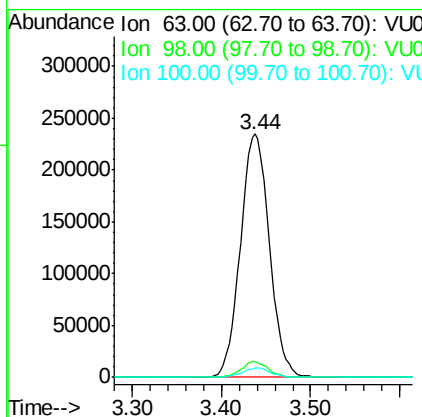
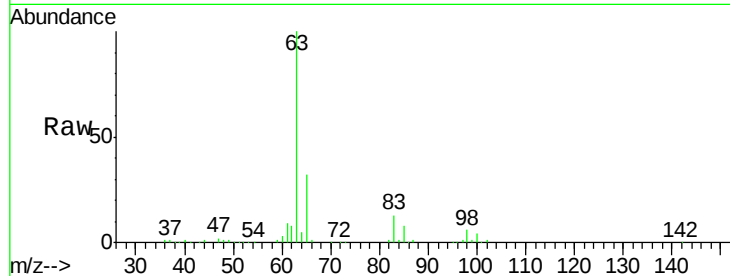
#17
 1,1-Dichloroethane
 Concen: 9.959 ug/l
 RT: 3.44 min Scan# 730
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100		529448		
98	6.3		3.0	9.2	
100	3.7		1.7	5.1	

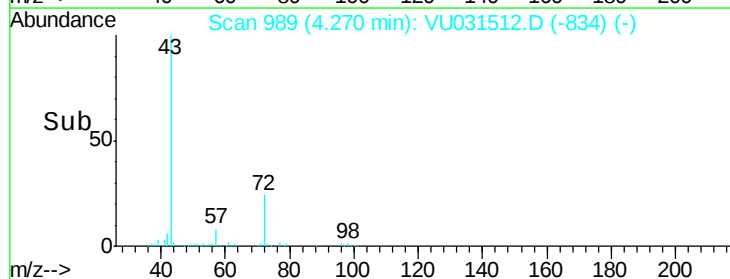
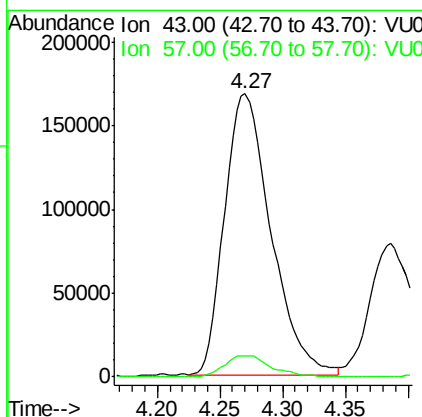
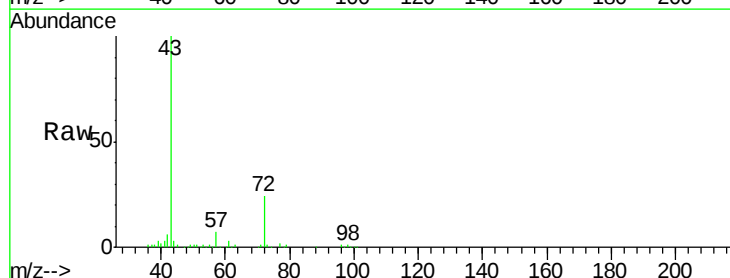
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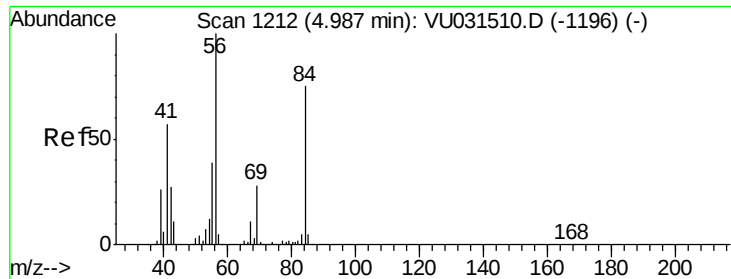
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#18
 2-Butanone
 Concen: 52.412 ug/l
 RT: 4.27 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		430827		
57	7.5		0.0	14.2	





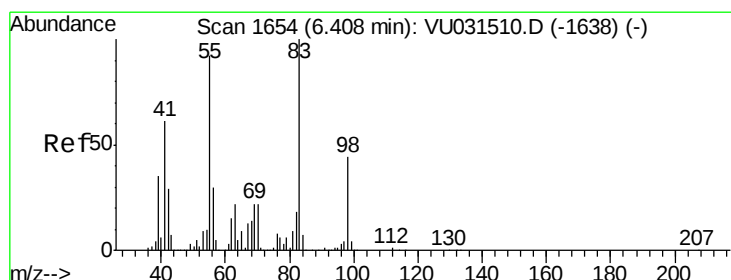
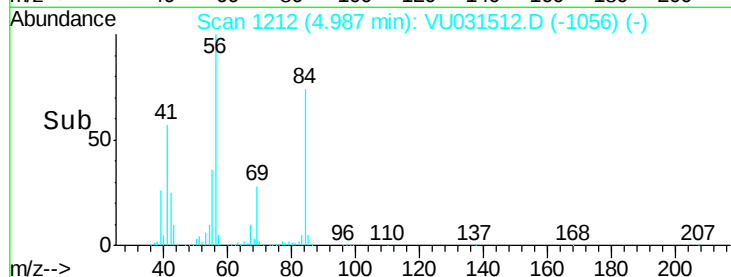
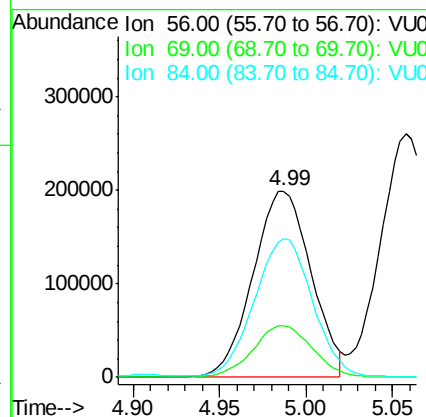
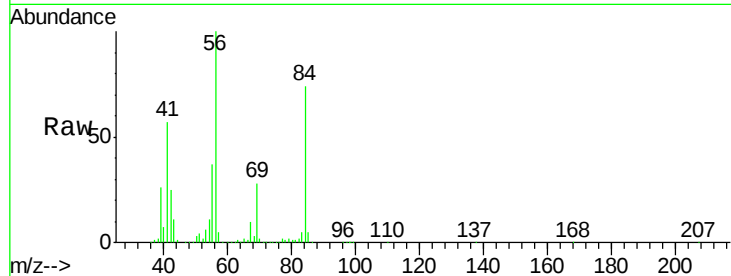
#19
Cyclohexane
Concen: 11.358 ug/l m
RT: 4.99 min Scan# 1212
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.3	22.4	33.6
84	74.1	59.0	88.4

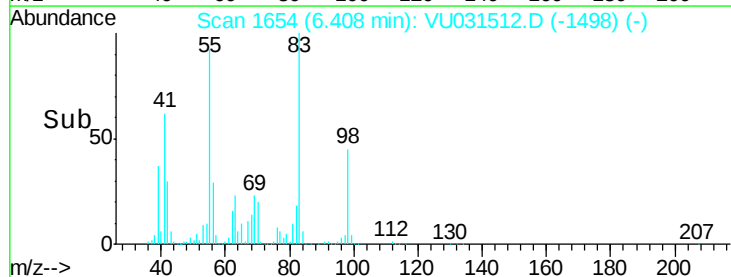
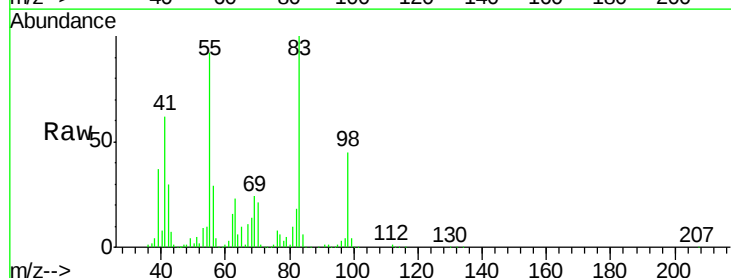
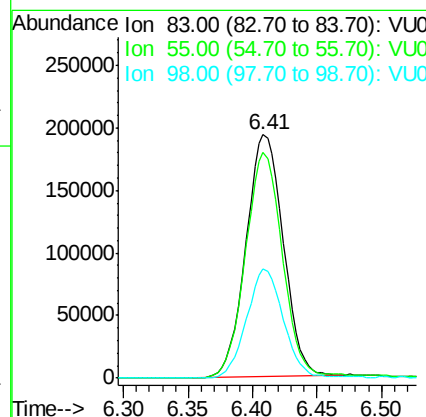
Manual Integrations
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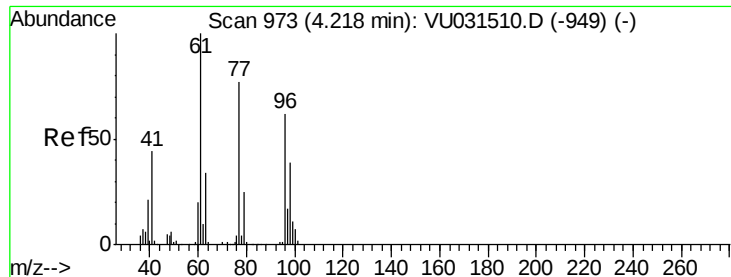
MMDadoda
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#20
Methylcyclohexane
Concen: 11.818 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion	Ratio	Lower	Upper
83	100		
55	90.4	73.7	110.5
98	44.6	35.2	52.8





#21

2,2-Dichloropropane

Concen: 9.142 ug/l

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampled :

ICVVU042619

Tot Ion: 77 Resp: 355081

Ion Ratio Lower Upper

77 100

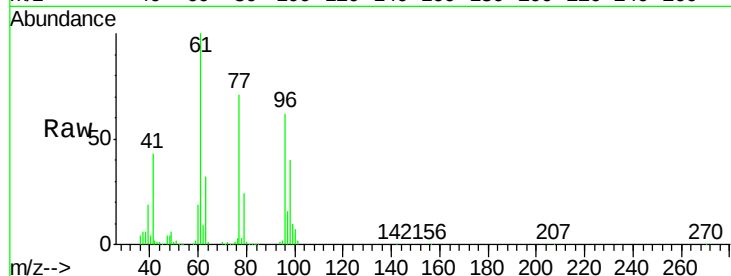
97 22.1 17.5 26.3

Manual Integrations

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Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

150000

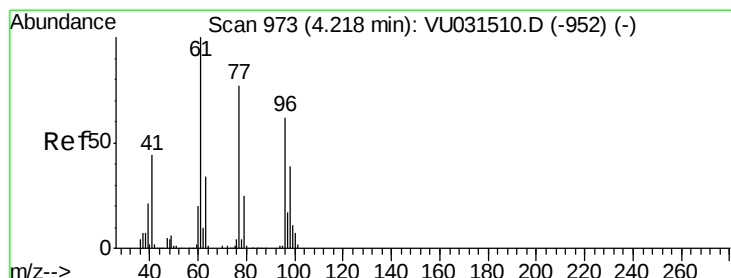
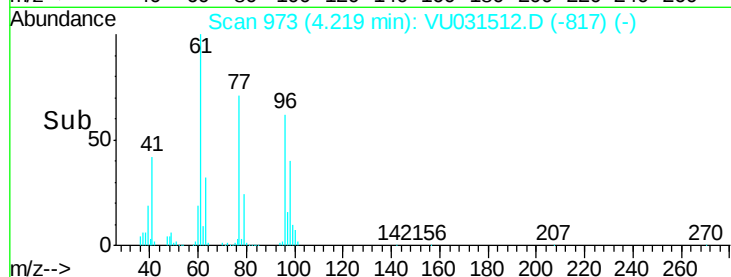
100000

50000

0

4.10 4.20 4.30

Time-->



#22

cis-1,2-Dichloroethene

Concen: 10.200 ug/l

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

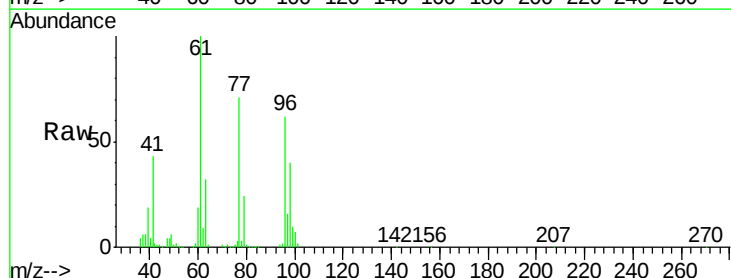
Tgt Ion: 96 Resp: 278177

Ion Ratio Lower Upper

96 100

61 162.1 0.0 408.8

98 62.7 31.1 93.3



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

250000

200000

150000

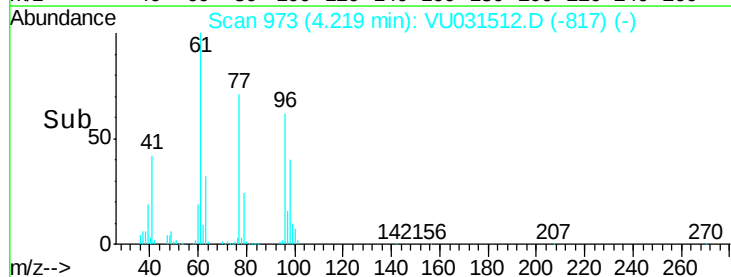
100000

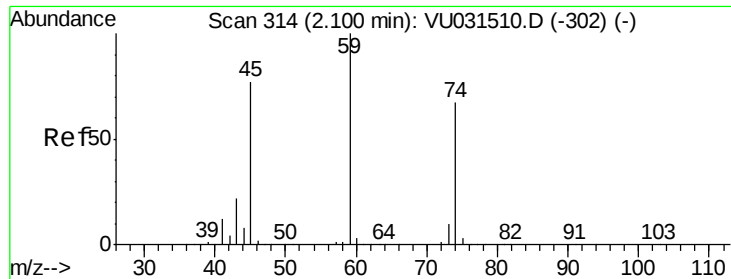
50000

0

4.10 4.20 4.30

Time-->





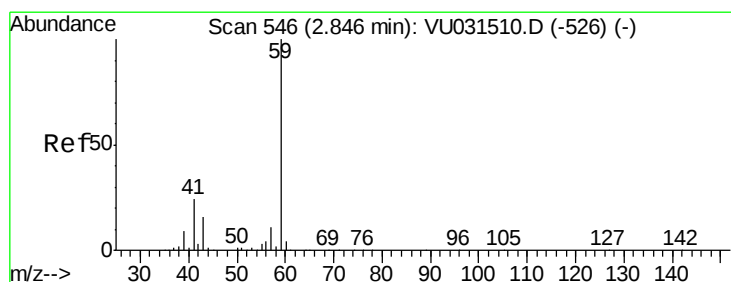
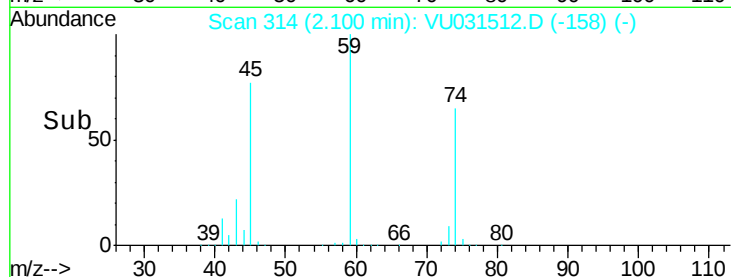
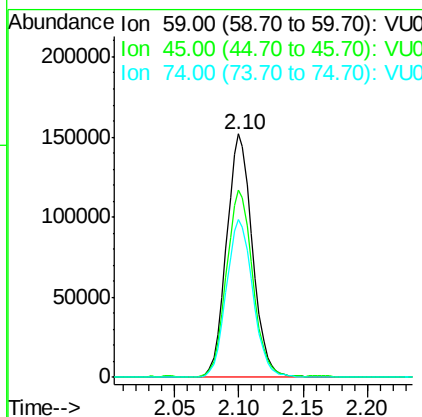
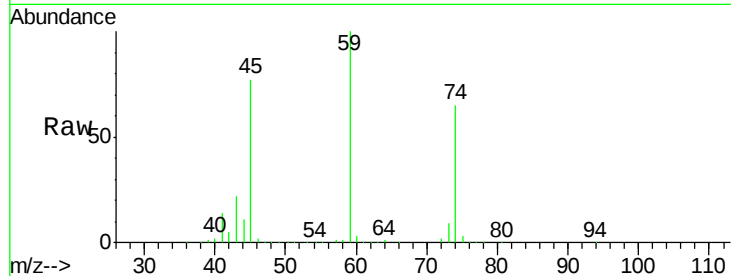
#23
Diethyl Ether
Concen: 9.671 ug/l
RT: 2.10 min Scan# 314
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		211212		
45	77.3		64.5	96.7	
74	66.7		54.6	81.8	

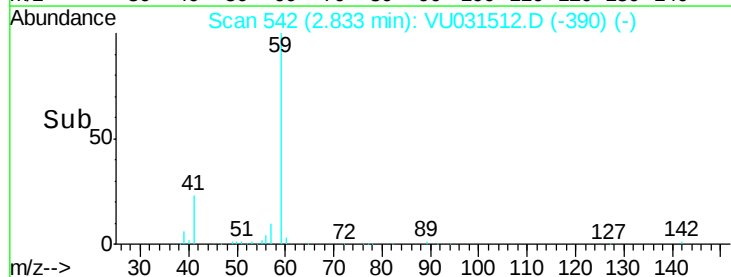
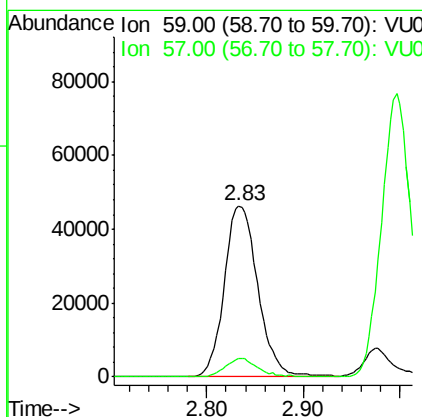
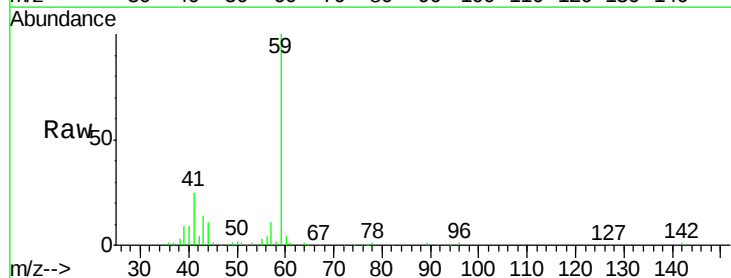
Manual Integrations
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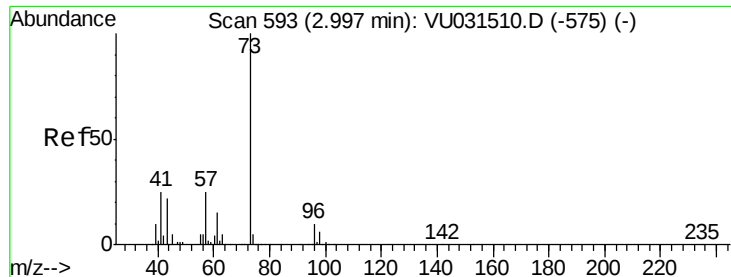
MMDadoda
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#24
tert-Butyl Alcohol
Concen: 49.314 ug/l
RT: 2.83 min Scan# 542
Delta R.T. -0.01 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
59	100		111701		
57	10.2		8.2	12.2	





#25

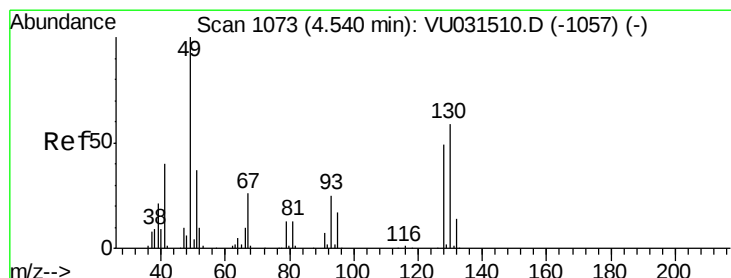
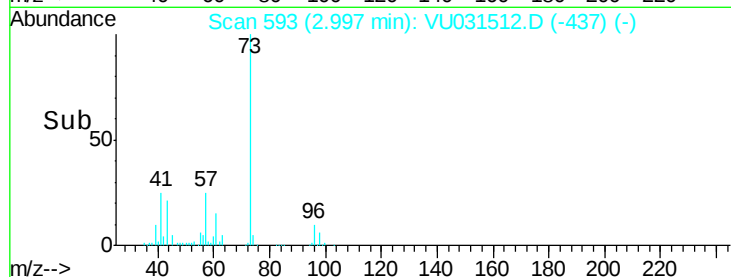
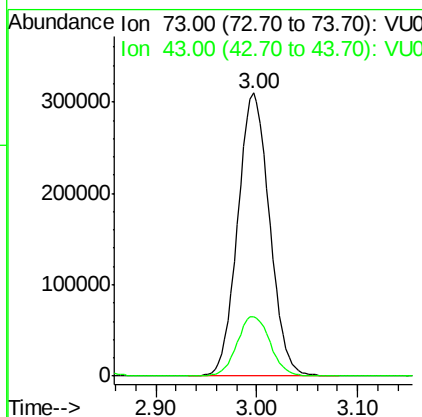
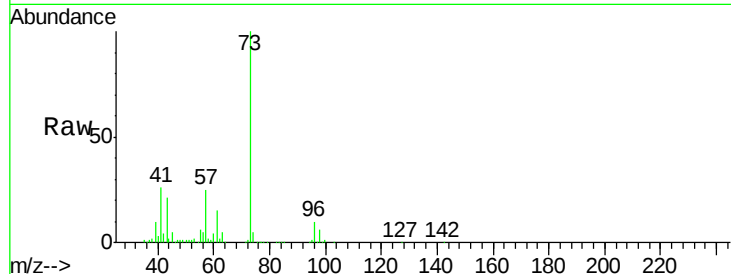
Methvl tert-Butvl Ether
 Concen: 10.206 ug/l
 RT: 3.00 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Tot Ion	73	Resp	677188
Ion Ratio	Lower	Upper	
73	100		
43	21.7	16.9	25.3

Manual Integrations
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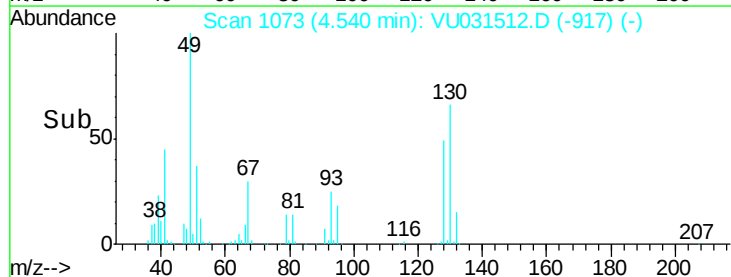
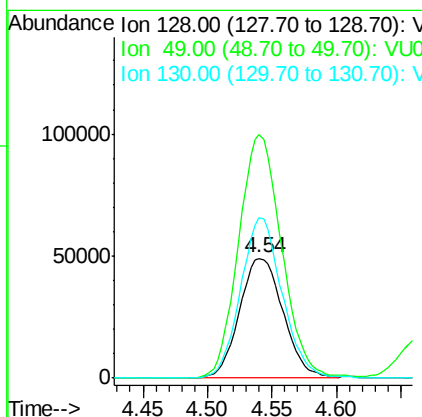
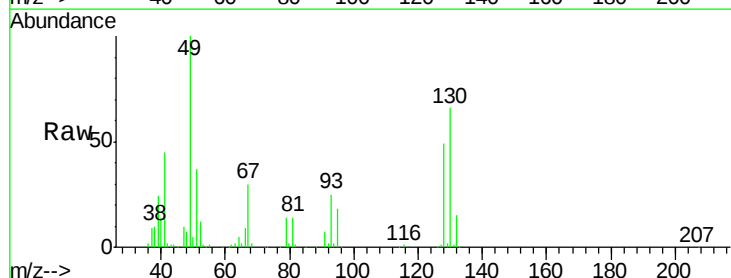
MMDadoda
 4/26/2019 12:22:52 PM

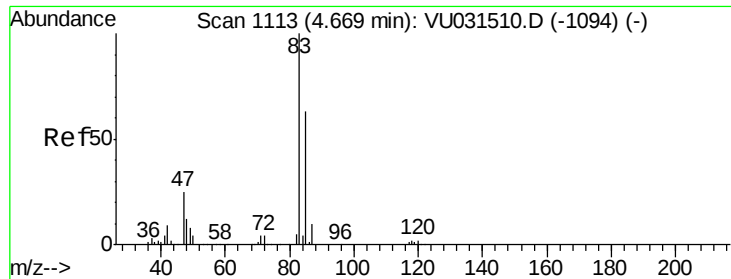


#26

Bromochloromethane
 Concen: 10.057 ug/l
 RT: 4.54 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Tgt Ion	128	Resp	115911
Ion Ratio	Lower	Upper	
128	100		
49	200.1	0.0	407.2
130	127.4	101.4	152.2





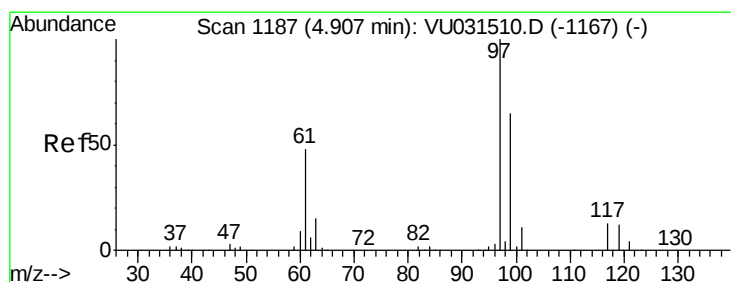
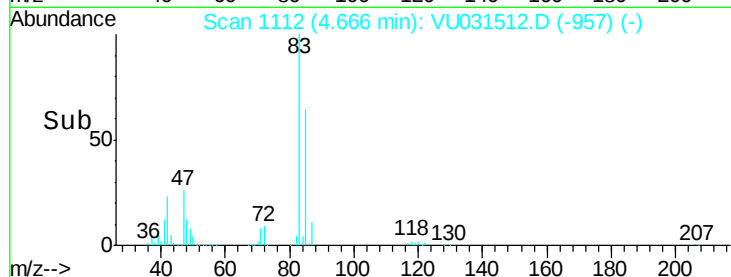
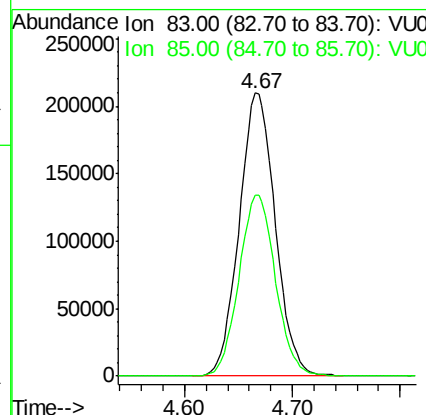
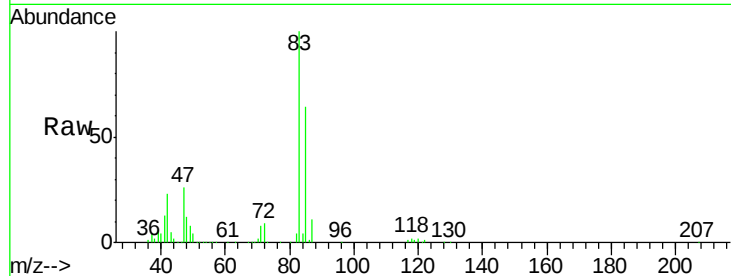
#27
Chloroform
Concen: 9.899 ug/l
RT: 4.67 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

Tot Ion	83	Resp	487855
Ion Ratio	100	Lower	Upper
85	63.8	0.0	126.2

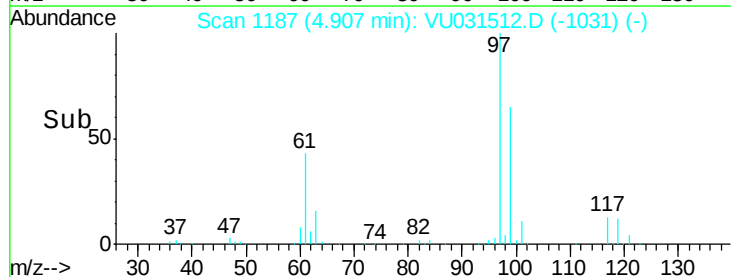
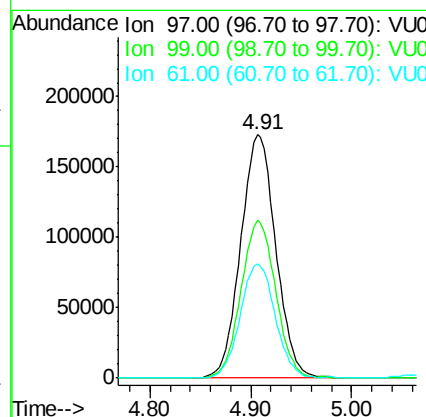
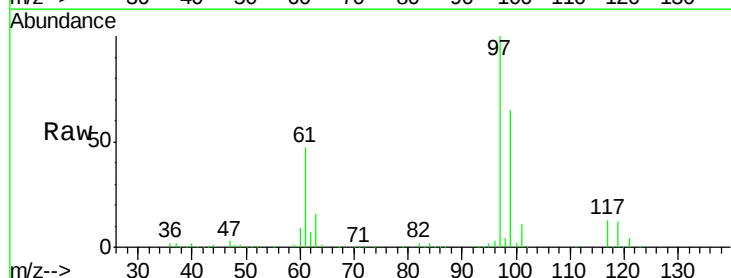
Manual Integrations
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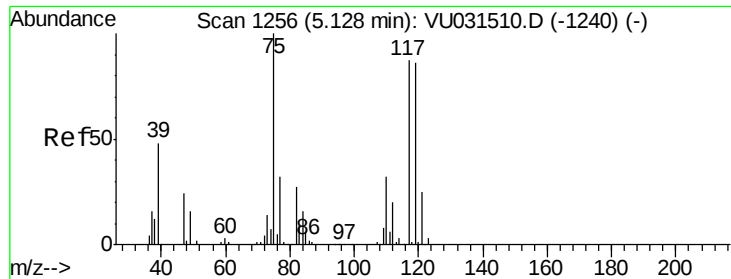
MMdadoda
4/26/2019 12:22:52 PM



#28
1,1,1-Trichloroethane
Concen: 10.046 ug/l
RT: 4.91 min Scan# 1187
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion	97	Resp	417020
Ion Ratio	100	Lower	Upper
99	63.9	32.0	96.2
61	46.9	24.0	72.0





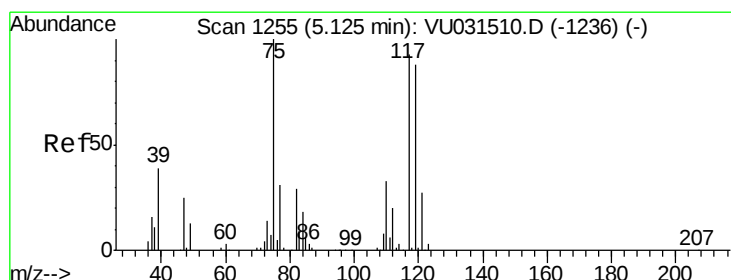
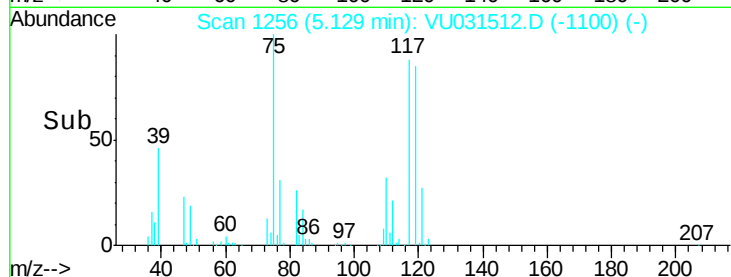
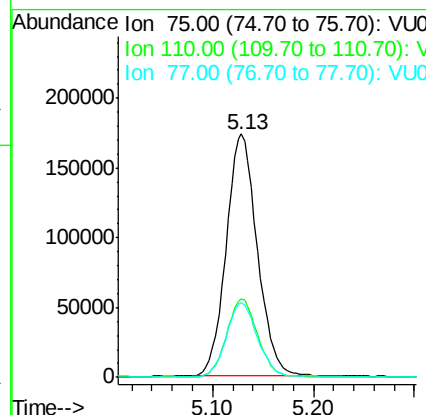
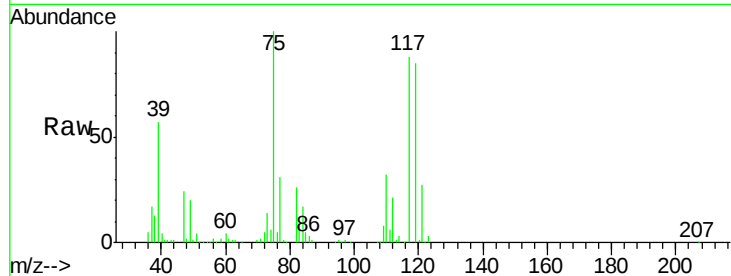
#29
 1,1-Dichloropropene
 Concen: 11.056 ug/l
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Tot Ion	Ratio	Resp	Lower	Upper
75	100	371680		
110	32.8	16.4	49.1	
77	30.8	25.0	37.6	

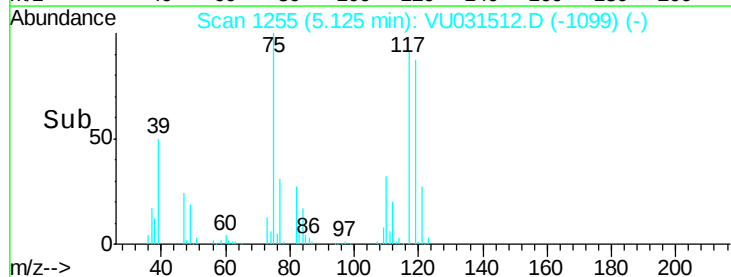
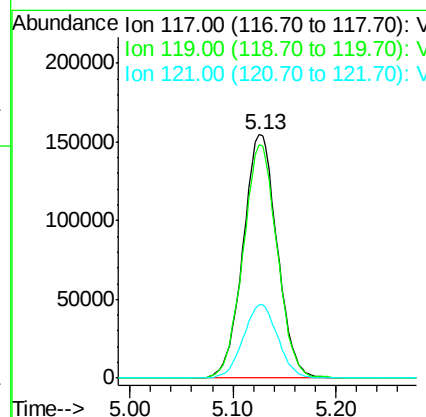
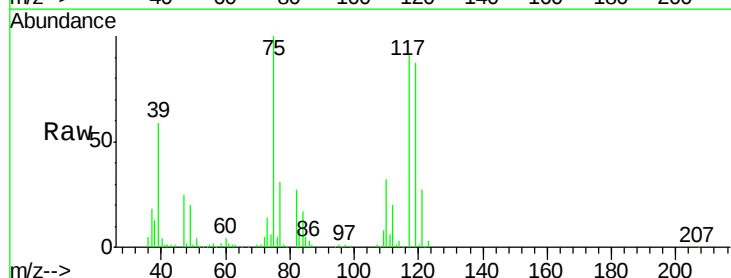
Manual Integrations
 APPROVED

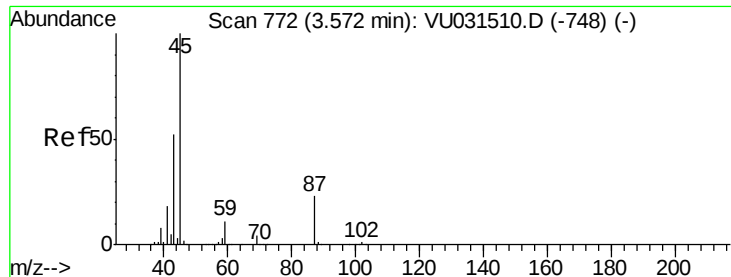
MMDadoda
 4/26/2019 12:22:52 PM



#30
 Carbon Tetrachloride
 Concen: 10.043 ug/l
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	355107		
119	96.0	76.1	114.1	
121	30.1	23.3	34.9	





#31

Isopropyl Ether

Concen: 11.524 ug/l

RT: 3.57 min Scan# 771

Delta R.T. -0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU042619

Tot Ion: 45 Resp: 917491

Ion Ratio Lower Upper

45 100

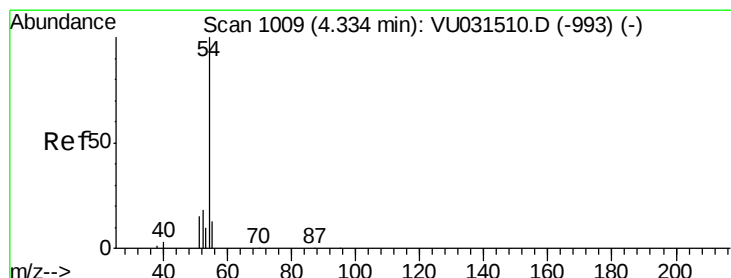
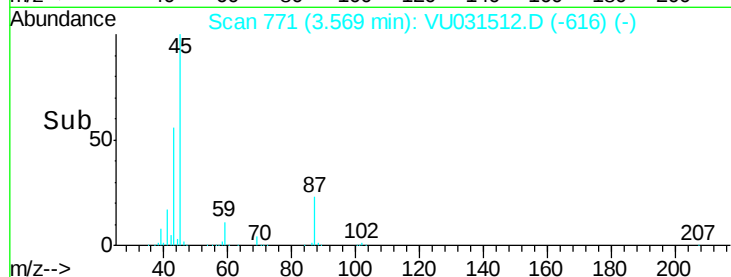
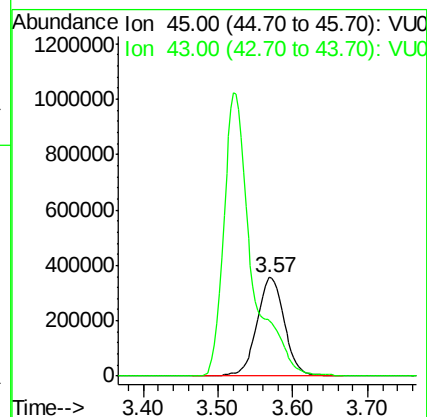
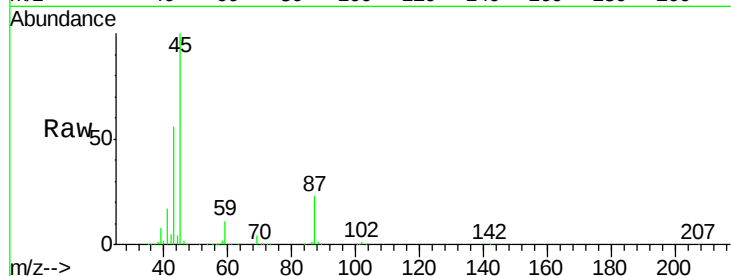
43 286.2 26.0 78.0#

Manual Integrations

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#34

Propionitrile

Concen: 115.932 ug/l

RT: 4.33 min Scan# 1007

Delta R.T. -0.01 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Tgt Ion: 54 Resp: 255623

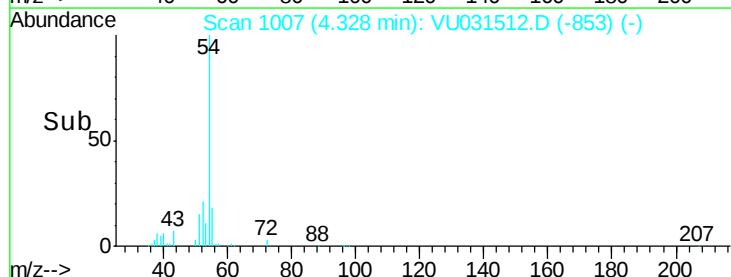
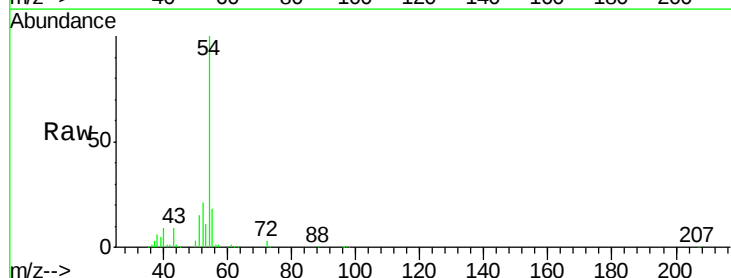
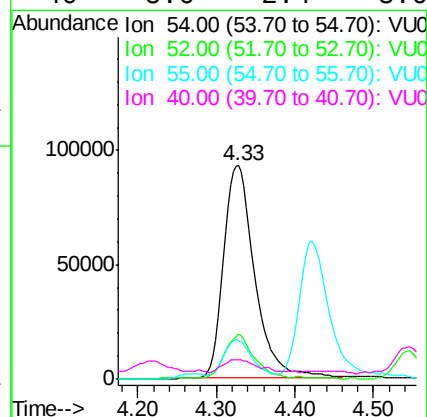
Ion Ratio Lower Upper

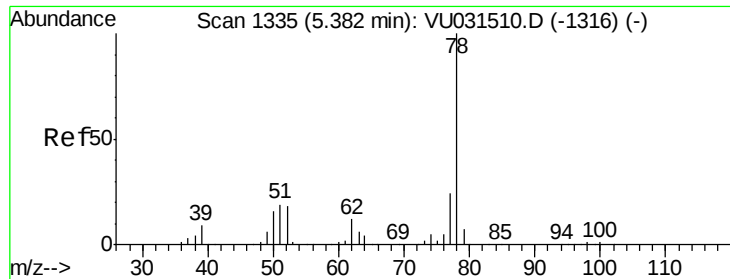
54 100

52 18.7 15.0 22.4

55 15.5 13.5 20.3

40 5.6 2.4 3.6#





#35

Benzene

Concen: 10.580 ug/l

RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU042619

Tot Ion: 78 Resp: 1087693

Ion Ratio Lower Upper

78 100

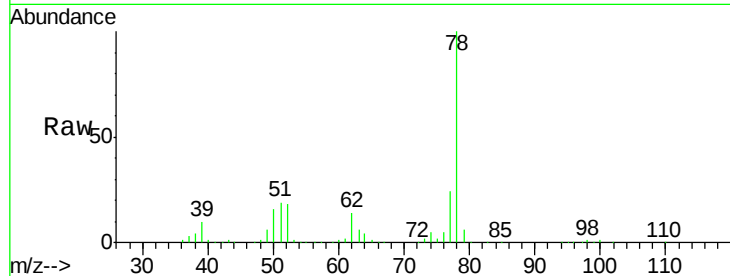
77 24.1 19.2 28.8

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Abundance Ion 78.10 (77.80 to 78.80): VU0

Ion 77.00 (76.70 to 77.70): VU0

5.38

500000

400000

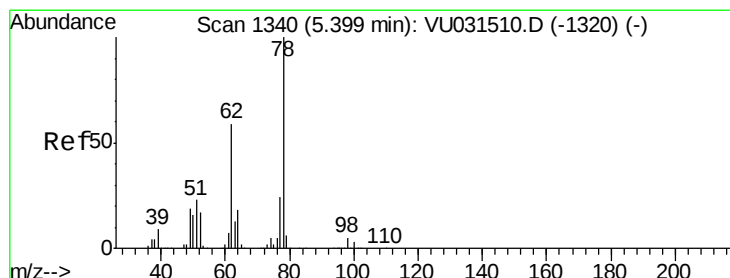
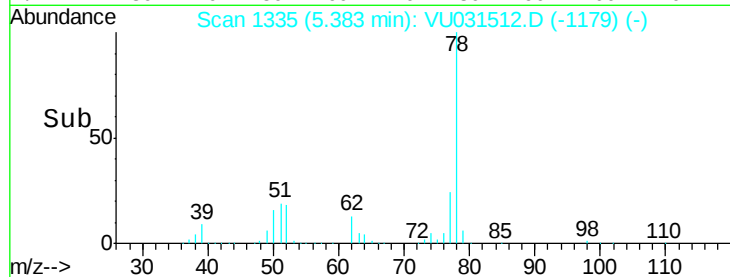
300000

200000

100000

0

Time-->



#36

1,2-Dichloroethane

Concen: 10.149 ug/l

RT: 5.40 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VU031512.D

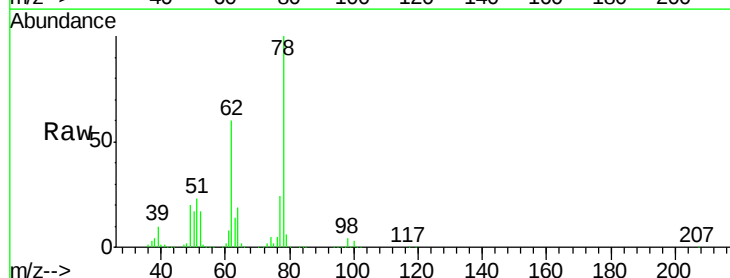
Acq: 25 Apr 2019 22:03

Tgt Ion: 62 Resp: 339999

Ion Ratio Lower Upper

62 100

98 8.0 6.7 10.1



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

5.40

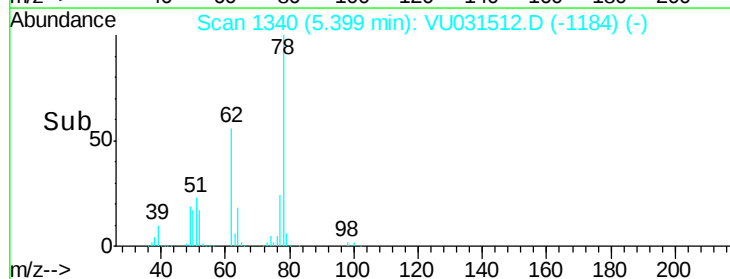
150000

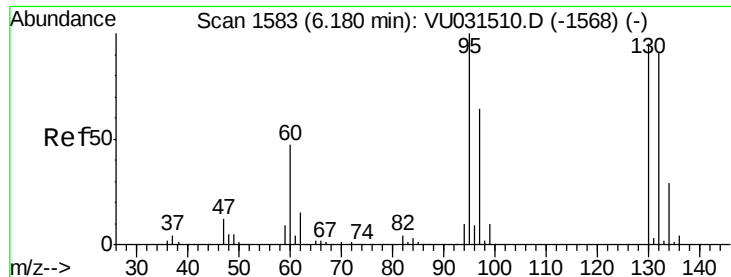
100000

50000

0

Time-->





#37

Trichloroethene

Concen: 9.985 ug/l

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU042619

Tot Ion:130 Resp: 251168

Ion Ratio Lower Upper

130 100

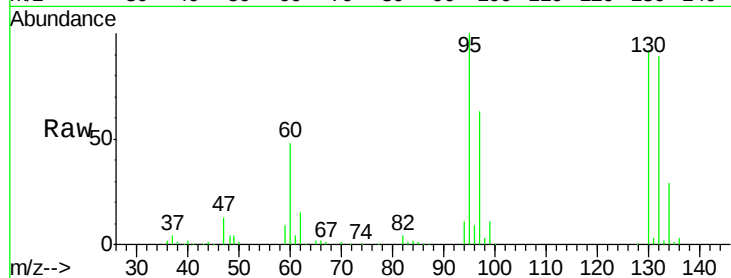
95 108.4 83.8 125.8

Manual Integrations

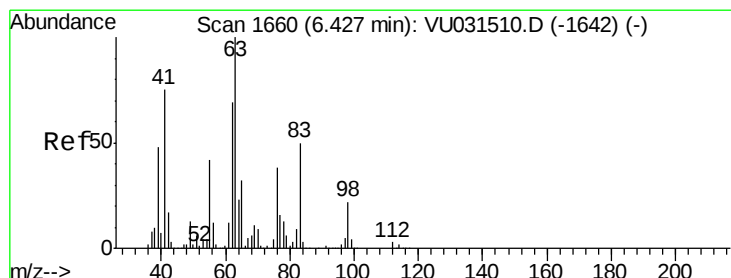
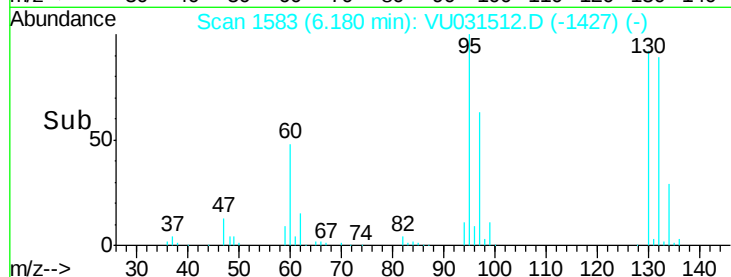
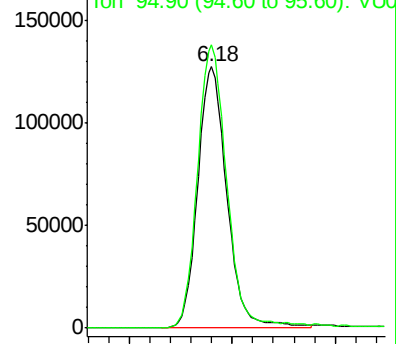
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Abundance Ion 129.90 (129.60 to 130.60): VU031512.D (-1427) (-)



#38

1,2-Dichloropropane

Concen: 10.464 ug/l

RT: 6.43 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VU031512.D

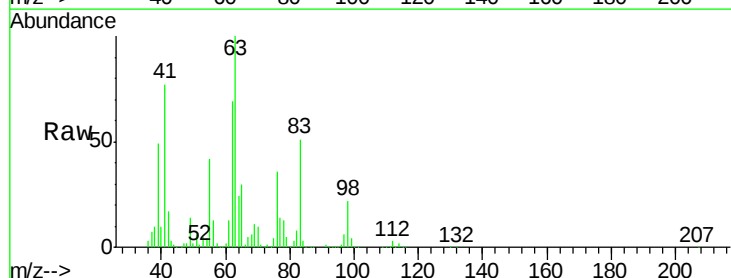
Acq: 25 Apr 2019 22:03

Tgt Ion: 63 Resp: 303942

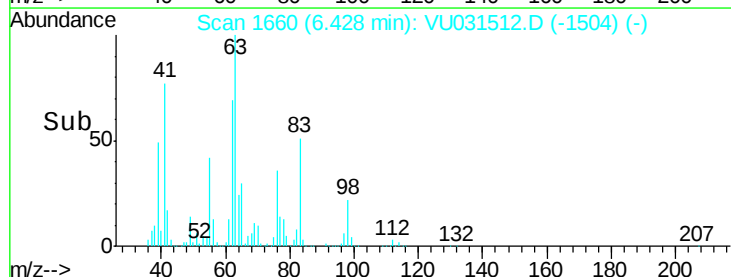
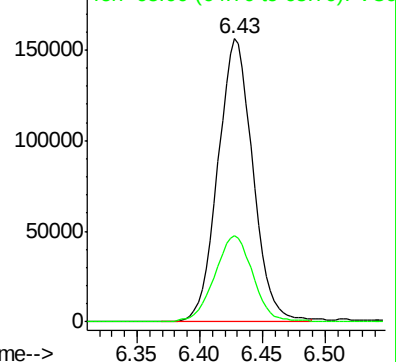
Ion Ratio Lower Upper

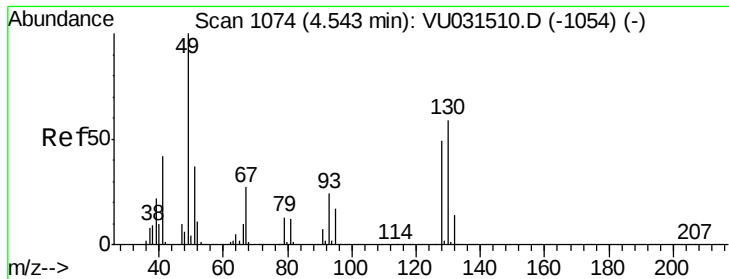
63 100

65 30.5 25.3 37.9



Abundance Ion 63.00 (62.70 to 63.70): VU031512.D (-1504) (-)





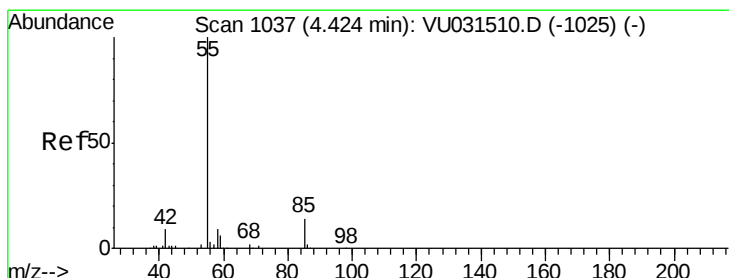
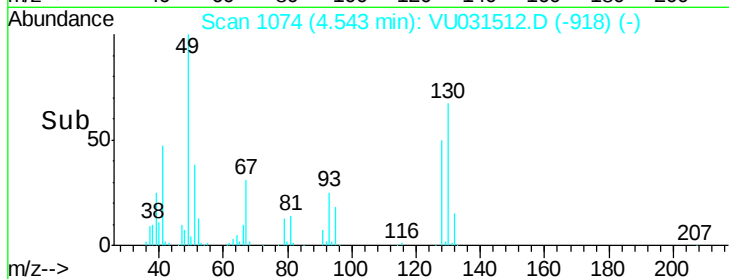
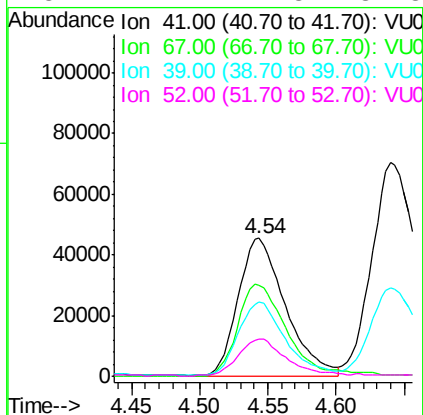
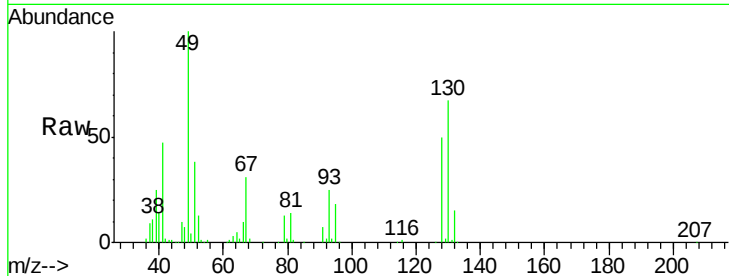
#39
Methacrylonitrile
Concen: 11.784 ug/l
RT: 4.54 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Instrument :
MSVOA_U
ClientSampled :
ICVVU042619

Tot Ion	41	Resp	109013
Ion	Ratio	Lower	Upper
41	100		
67	70.2	54.2	81.4
39	52.9	43.8	65.8
52	27.1	21.8	32.8

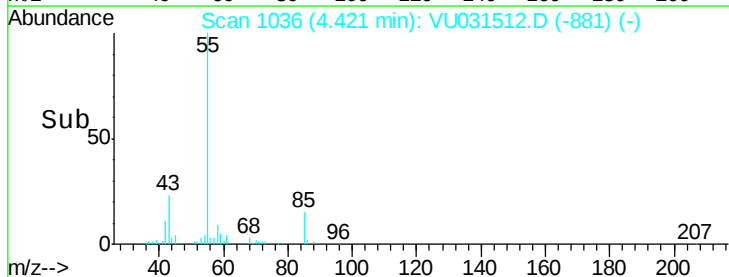
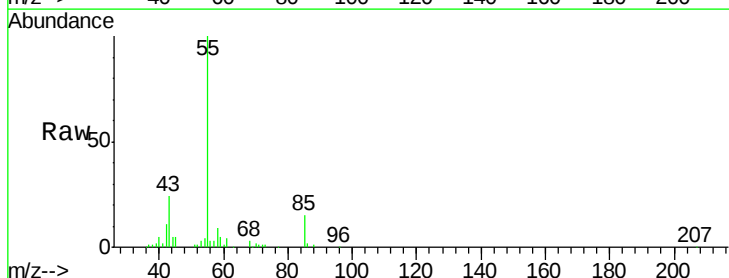
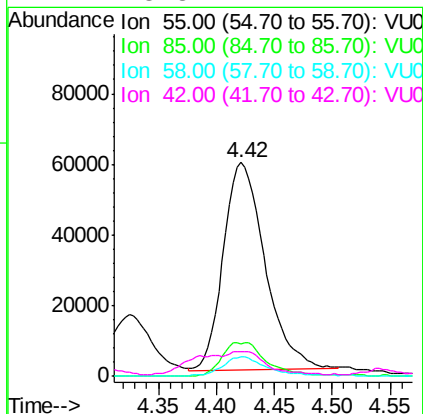
Manual Integrations
APPROVED

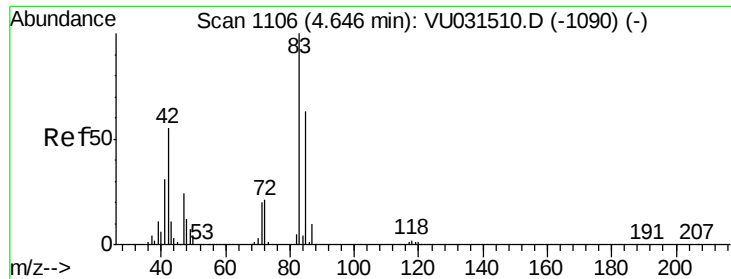
MMdadoda
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#40
Methyl acrylate
Concen: 10.172 ug/l
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion	55	Resp	147801
Ion	Ratio	Lower	Upper
55	100		
85	17.0	11.5	17.3
58	9.6	6.5	9.7
42	8.3	7.4	11.2





#41

Tetrahydrofuran

Concen: 58.355 ug/l

RT: 4.64 min Scan# 1105

Delta R.T. -0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

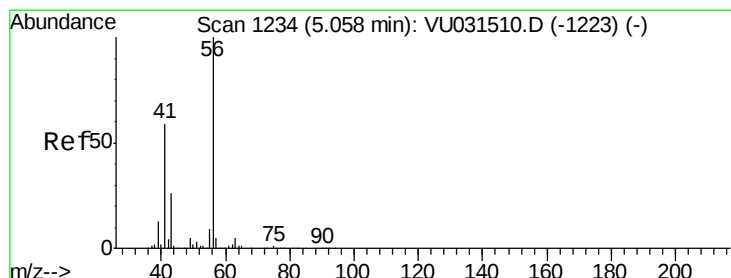
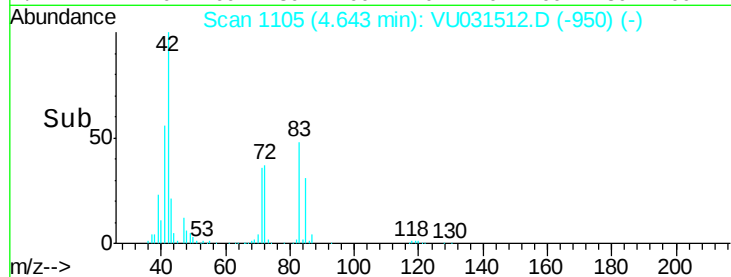
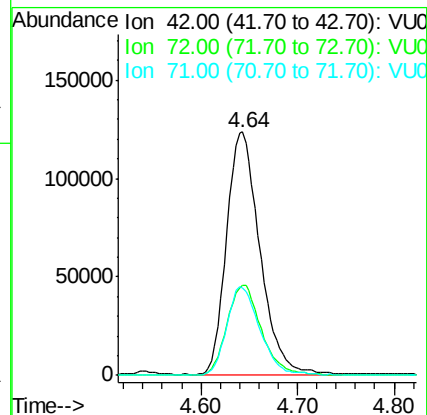
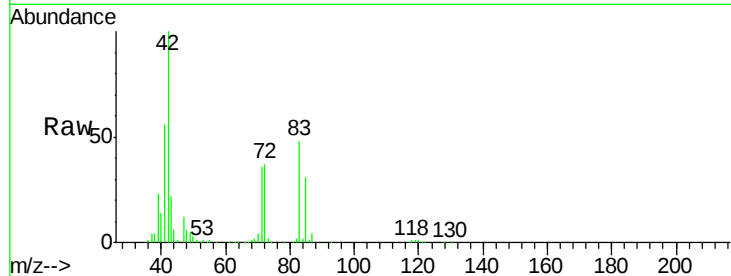
ClientSampleId :

ICVVU042619

Tot Ion:	42	Resp:	295788
Ion	Ratio	Lower	Upper
42	100		
72	38.4	32.1	48.1
71	36.4	29.2	43.8

Manual Integrations
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#42

1-Chlorobutane

Concen: 11.109 ug/l

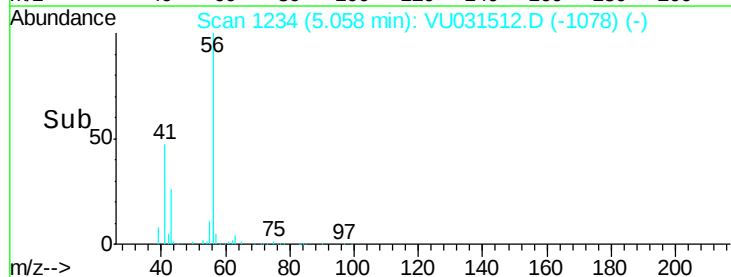
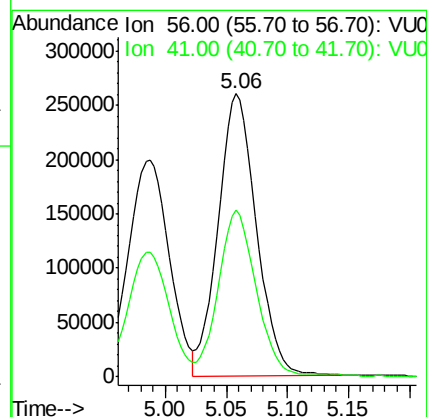
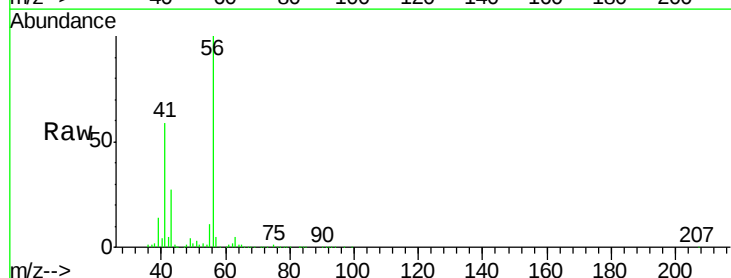
RT: 5.06 min Scan# 1234

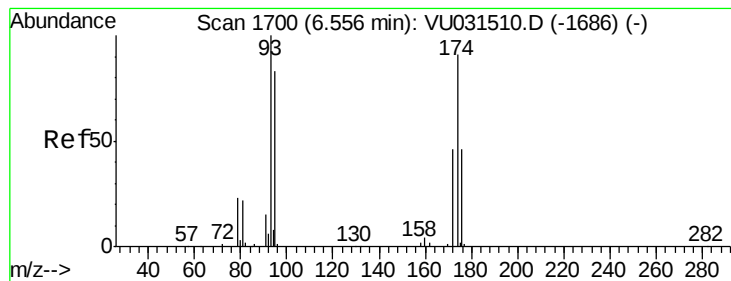
Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Tgt Ion:	56	Resp:	566578
Ion	Ratio	Lower	Upper
56	100		
41	57.0	29.3	88.0





#43

Dibromomethane

Concen: 10.332 ug/l

RT: 6.56 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

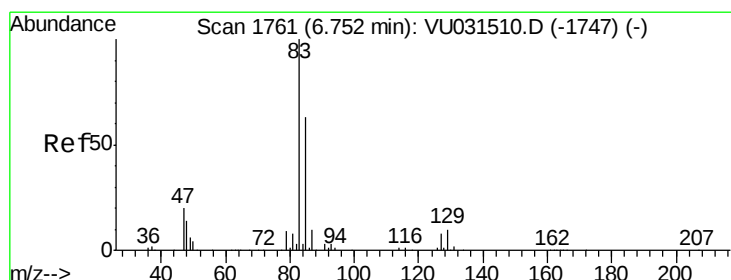
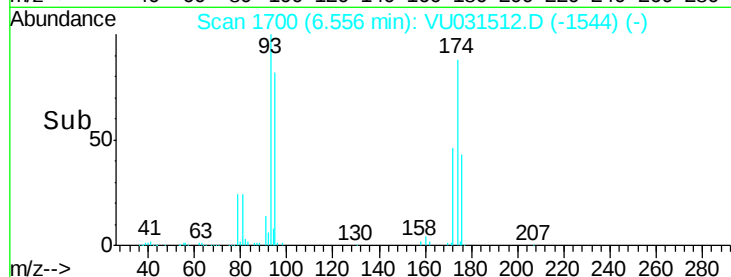
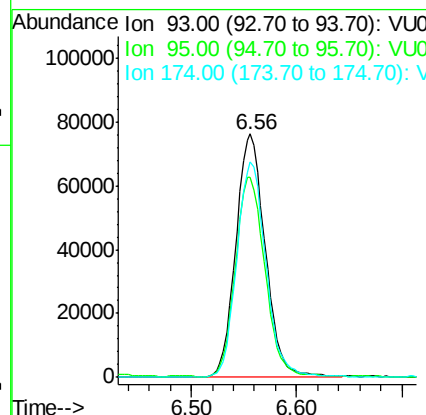
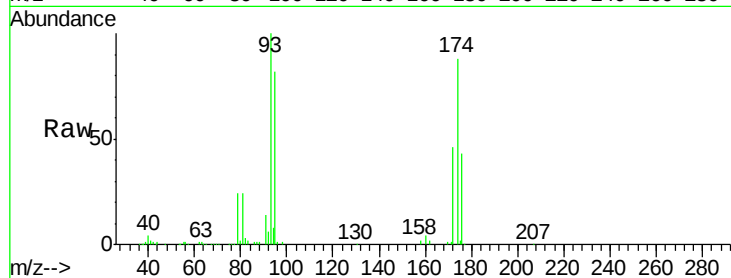
ClientSampled :

ICVVU042619

Tot Ion:	93	Resp:	147483
Ion	Ratio	Lower	Upper
93	100		
95	82.2	65.7	98.5
174	88.0	71.8	107.8

Manual Integrations
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#44

Bromodichloromethane

Concen: 10.559 ug/l

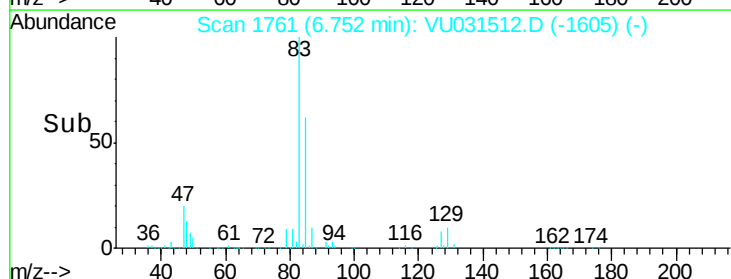
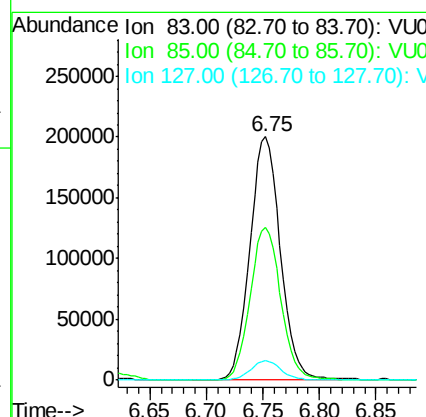
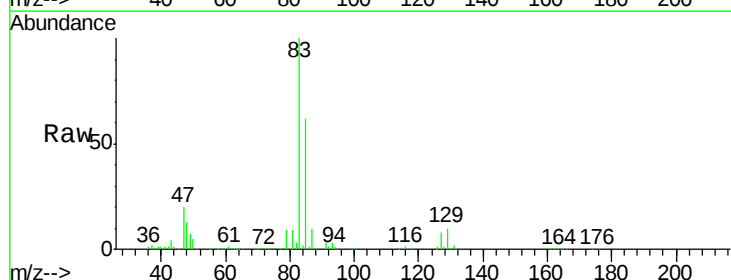
RT: 6.75 min Scan# 1761

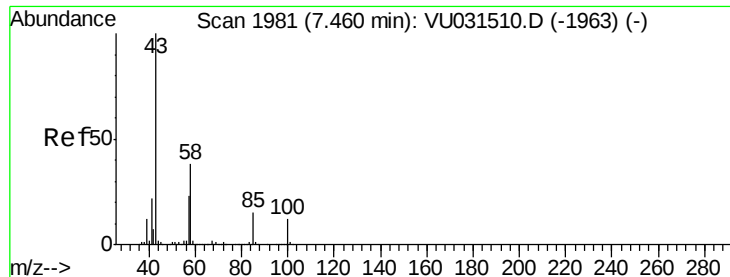
Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Tgt Ion:	83	Resp:	374497
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.3	75.5
127	7.9	6.6	9.8





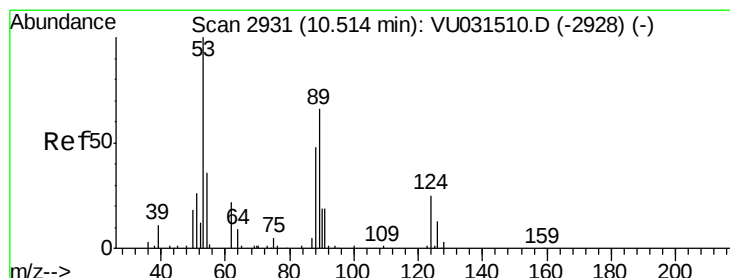
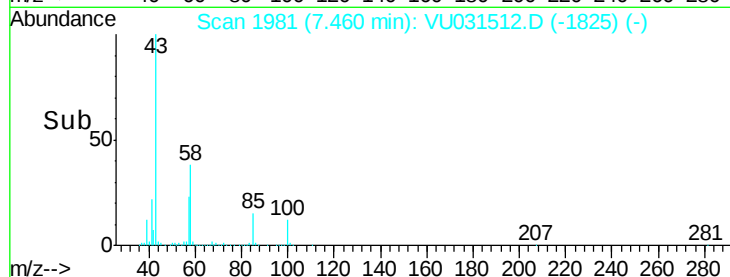
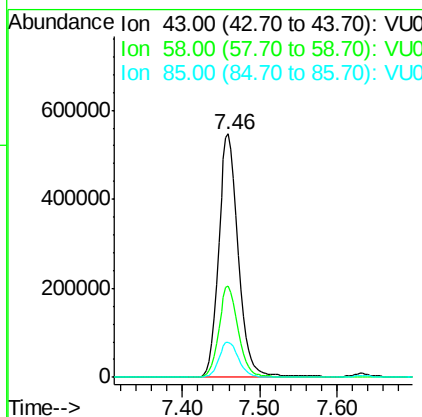
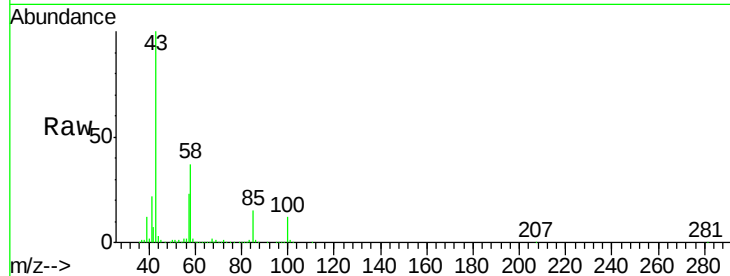
#45
 4-Methyl-2-Pentanone
 Concen: 57.328 ug/l
 RT: 7.46 min Scan# 1981
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.9	18.7	56.1
85	14.6	12.1	18.1

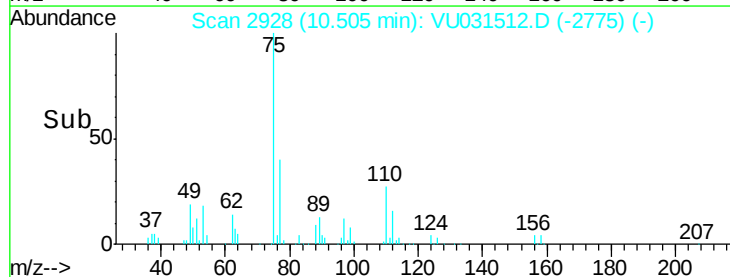
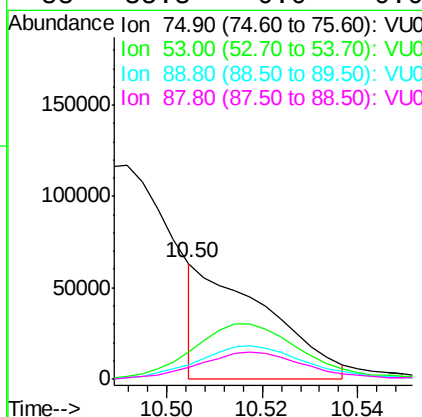
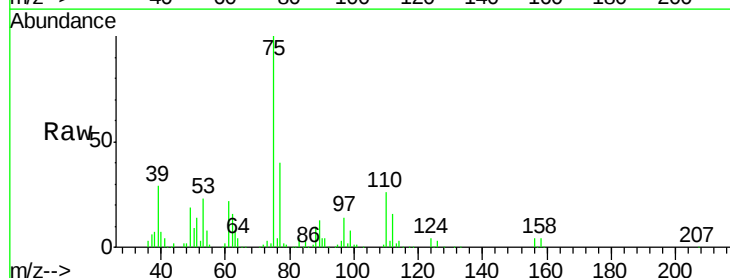
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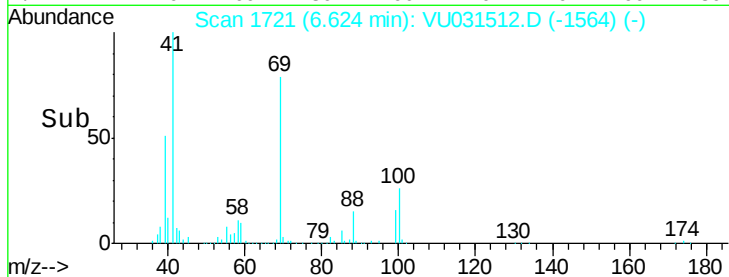
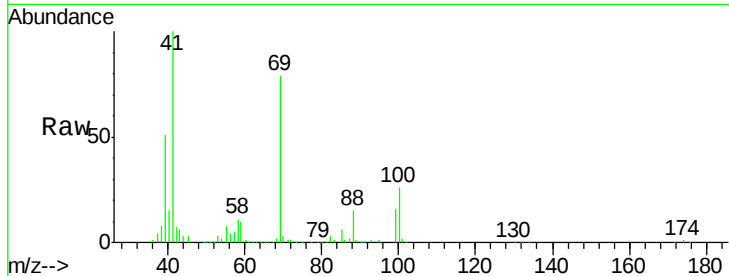
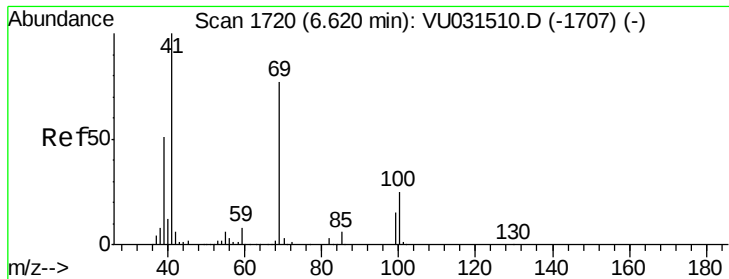
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#46
 t-1,4-Dichloro-2-butene
 Concen: 12.316 ug/l m
 RT: 10.50 min Scan# 2928
 Delta R.T. -0.01 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Tgt Ion	Ratio	Lower	Upper
75	100		
53	74.0	63.8	95.8
89	44.7	38.6	57.8
88	35.3	0.0	0.0#





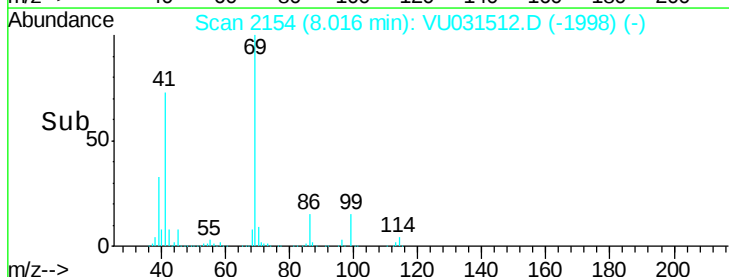
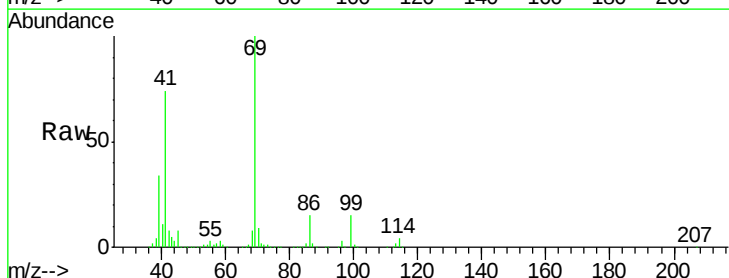
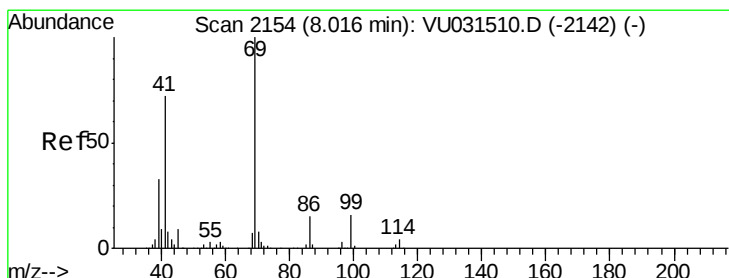
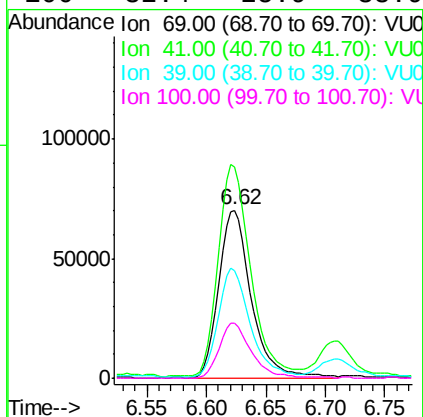
#47
Methyl methacrylate
Concen: 12.035 ug/l
RT: 6.62 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	124.7	0.0	256.4		
39	63.9	52.2	78.4		
100	32.4	25.9	38.9		

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

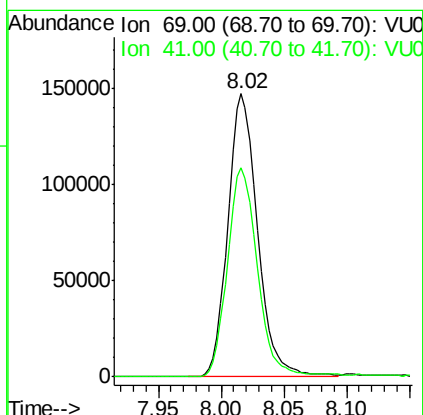
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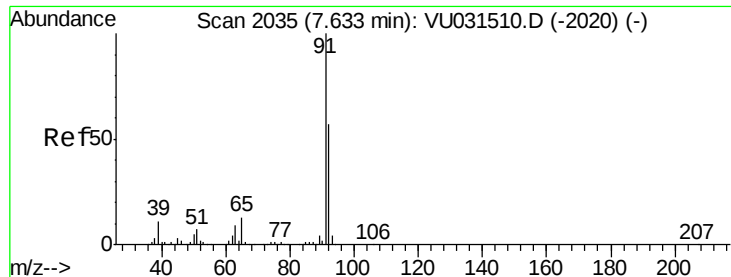
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#48
Ethyl methacrylate
Concen: 12.666 ug/l
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100				
41	73.7	35.5	106.5		





#49

Toluene

Concen: 11.756 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU042619

Tot Ion: 92 Resp: 628311

Ion Ratio Lower Upper

92 100

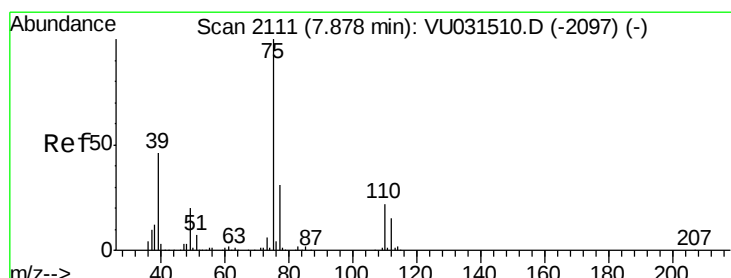
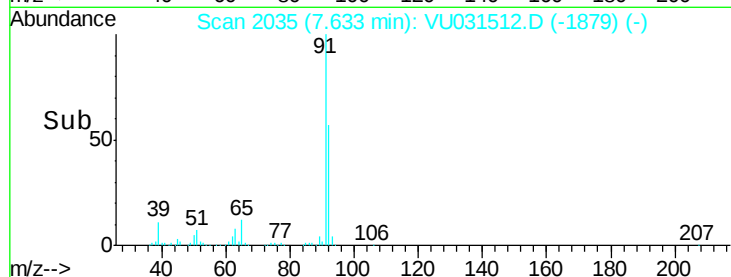
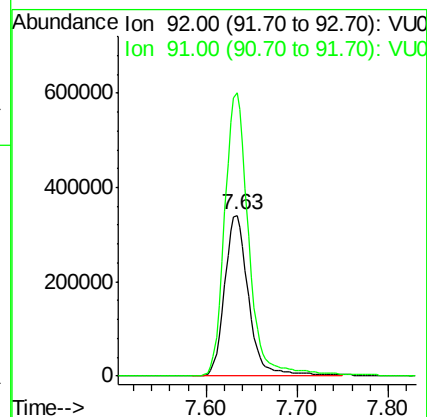
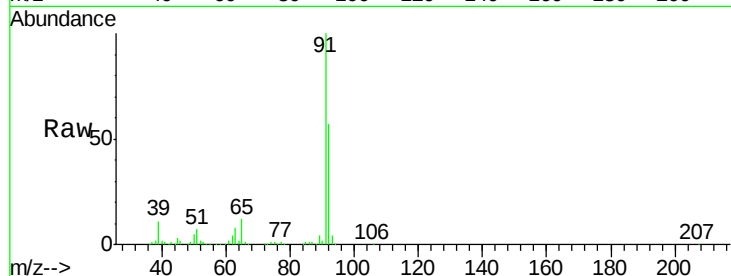
91 178.3 142.0 213.0

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#50

t-1,3-Dichloropropene

Concen: 11.740 ug/l

RT: 7.88 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VU031512.D

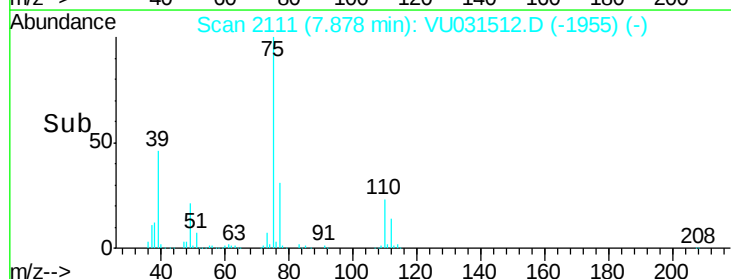
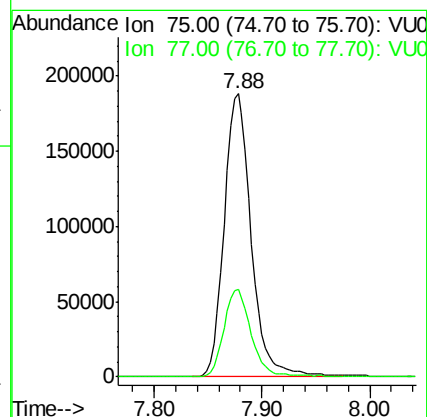
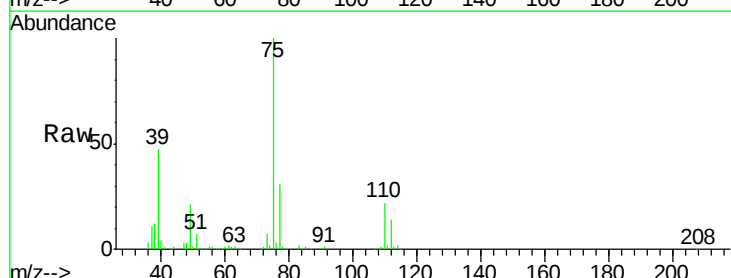
Acq: 25 Apr 2019 22:03

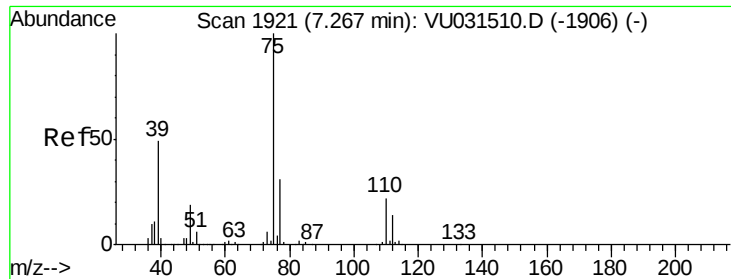
Tgt Ion: 75 Resp: 328003

Ion Ratio Lower Upper

75 100

77 30.7 25.0 37.4





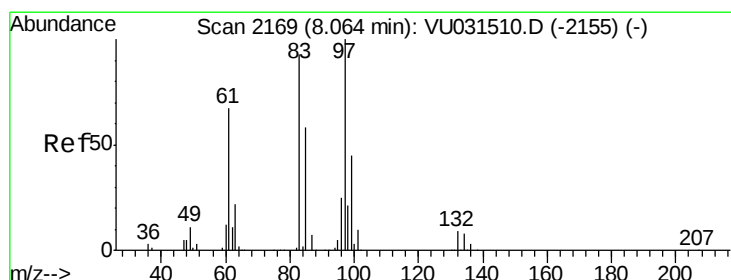
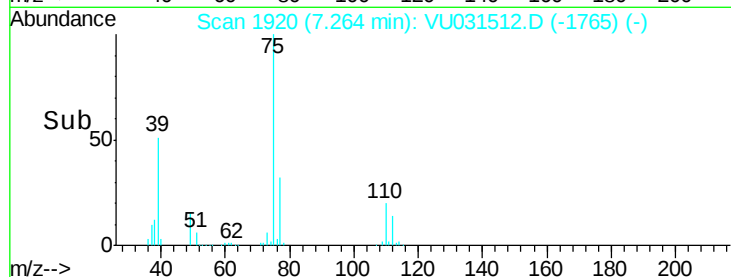
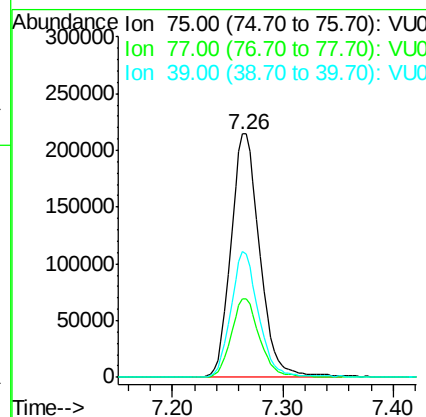
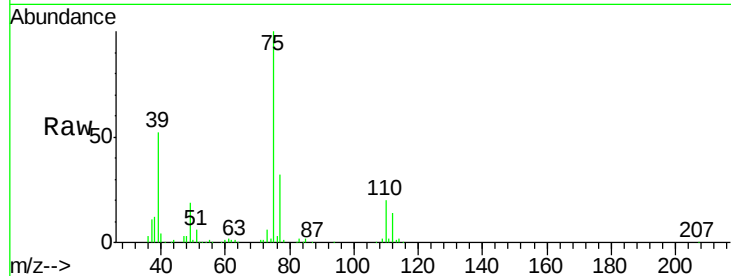
#51
 cis-1,3-Dichloropropene
 Concen: 11.446 ug/l
 RT: 7.26 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Tot Ion:	75	Resp:	389534
Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.0	37.4
39	51.5	39.0	58.6

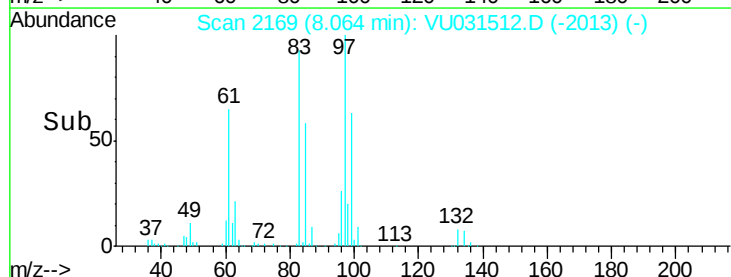
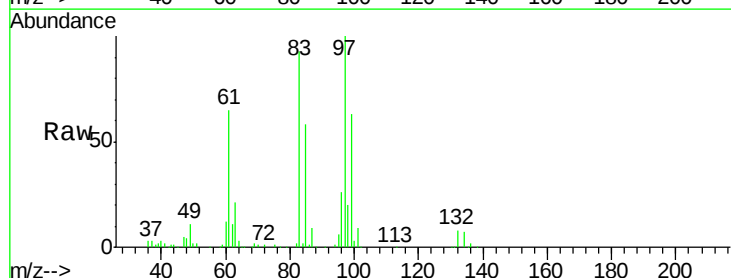
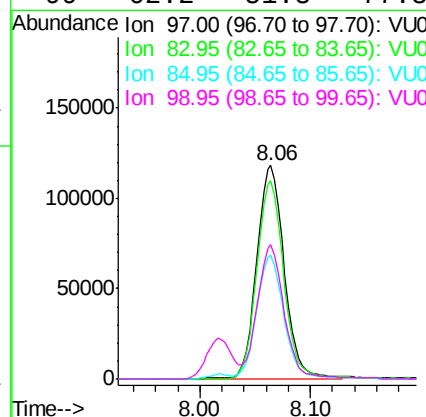
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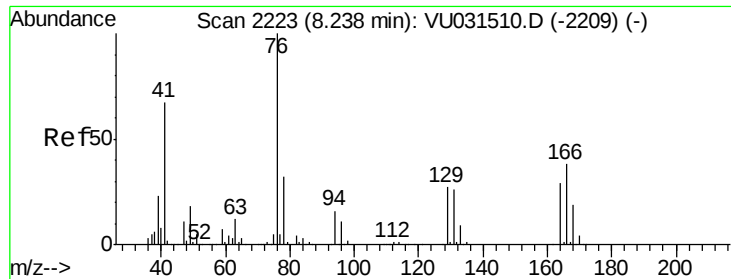
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#52
 1,1,2-Trichloroethane
 Concen: 10.985 ug/l
 RT: 8.06 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Tgt Ion:	97	Resp:	204642
Ion	Ratio	Lower	Upper
97	100		
83	92.8	74.8	112.2
85	57.8	48.3	72.5
99	62.2	51.8	77.8





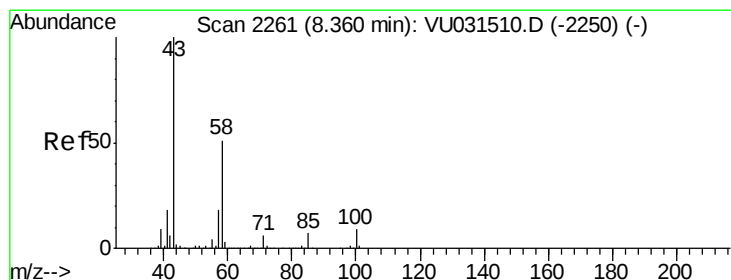
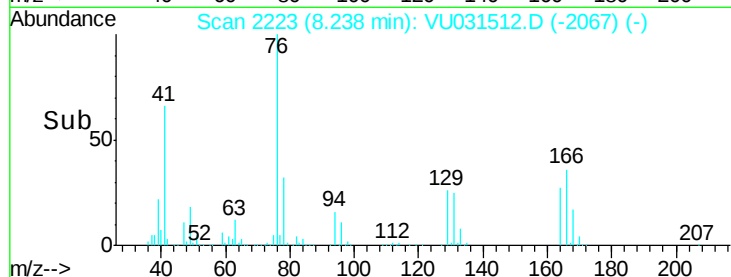
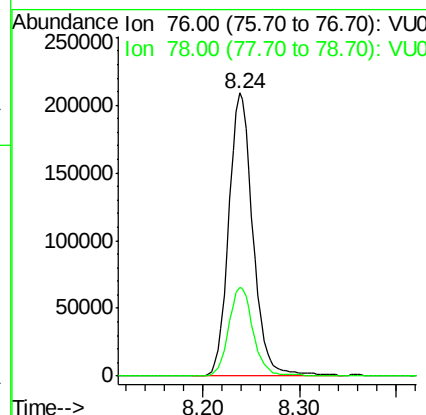
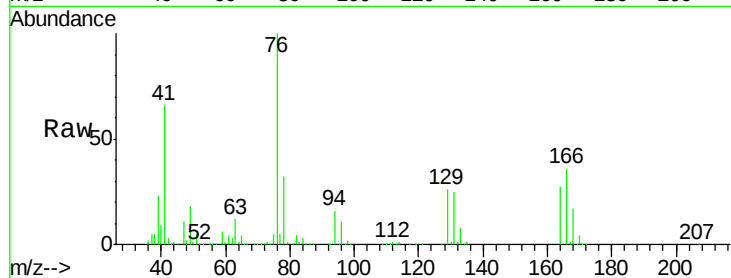
#53
 1,3-Dichloropropane
 Concen: 11.113 ug/l
 RT: 8.24 min Scan# 2223
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Tot Ion: 76 Resp: 363093
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.7 38.5

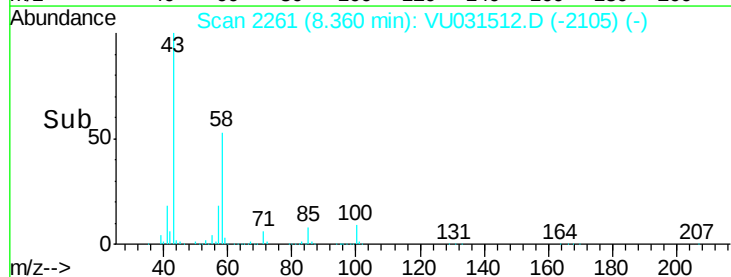
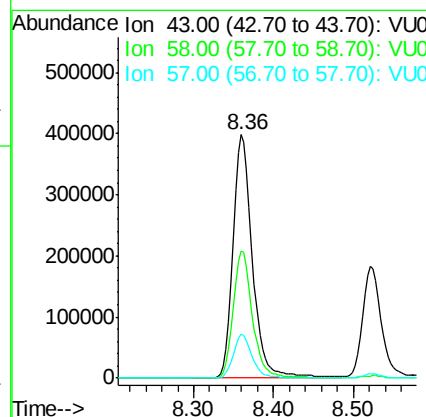
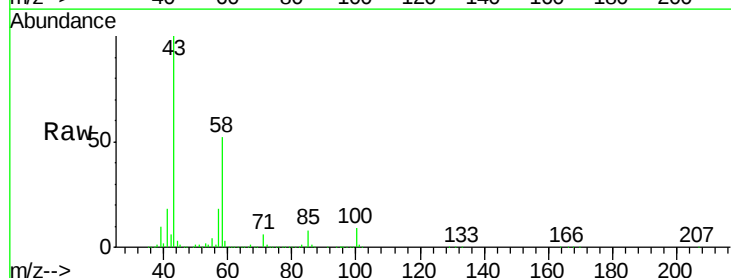
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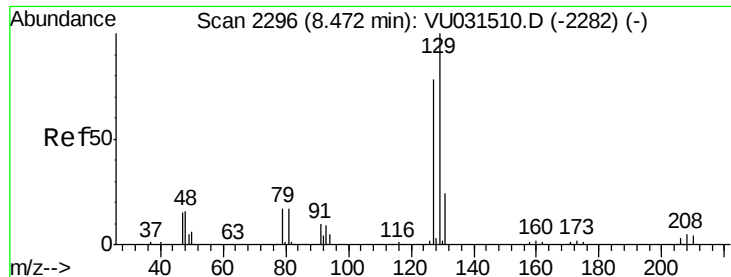
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#54
 2-Hexanone
 Concen: 57.531 ug/l
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Tgt Ion: 43 Resp: 662718
 Ion Ratio Lower Upper
 43 100
 58 51.7 30.3 70.3
 57 17.6 0.0 37.8





#55

Dibromochloromethane

Concen: 10.699 ug/l

RT: 8.47 min Scan# 2296

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU042619

Tot Ion:129 Resp: 224743

Ion Ratio Lower Upper

129 100

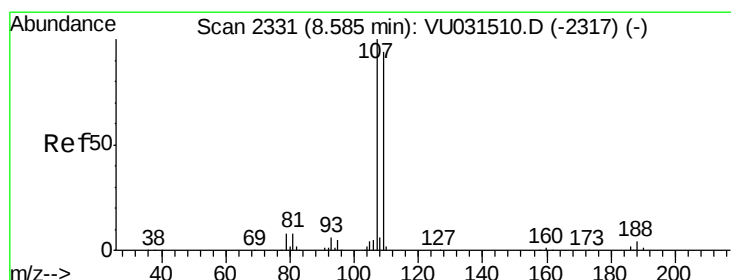
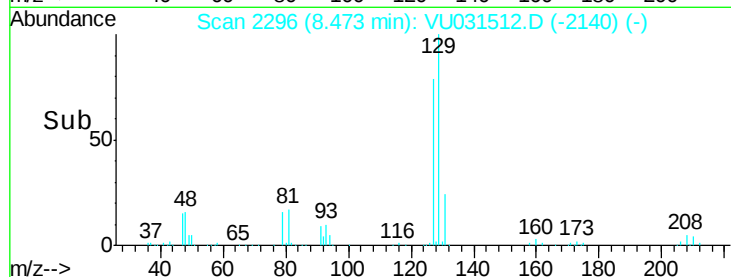
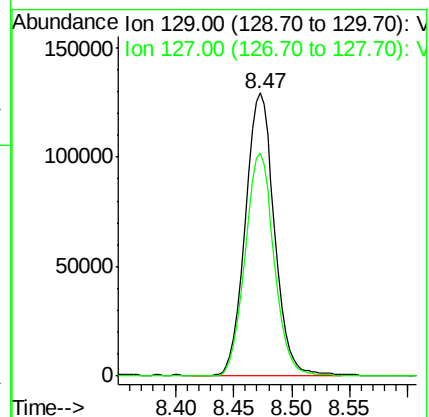
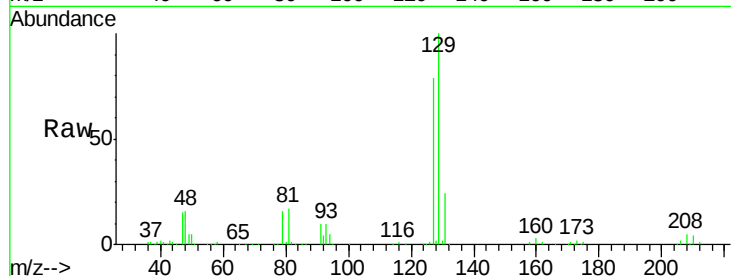
127 79.0 62.6 94.0

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#56

1,2-Dibromoethane

Concen: 10.838 ug/l

RT: 8.58 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU031512.D

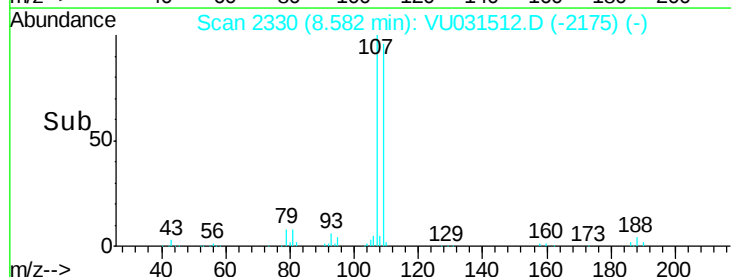
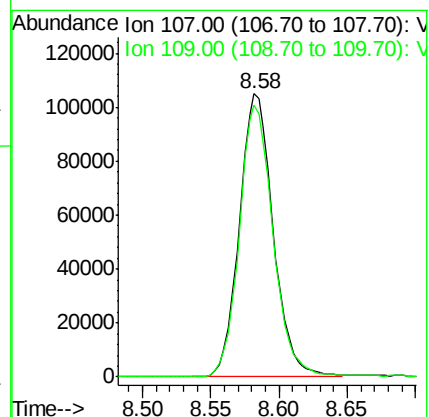
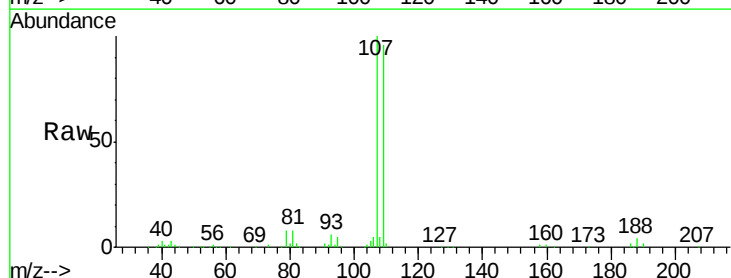
Acq: 25 Apr 2019 22:03

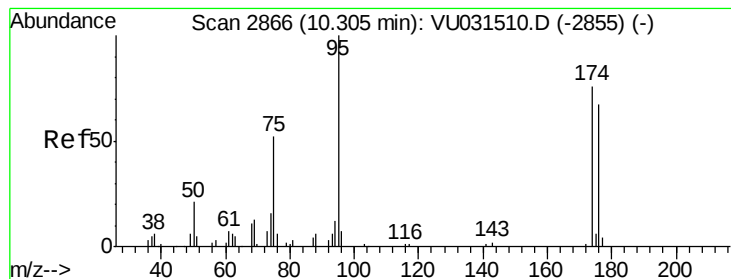
Tgt Ion:107 Resp: 180667

Ion Ratio Lower Upper

107 100

109 96.5 0.0 186.0





#57

4-Bromofluorobenzene

Concen: 1.022 ug/l

RT: 10.31 min Scan# 2866

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

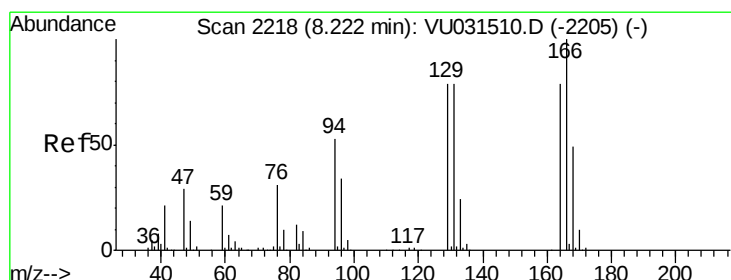
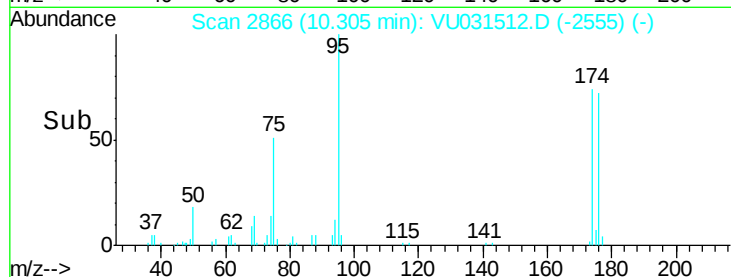
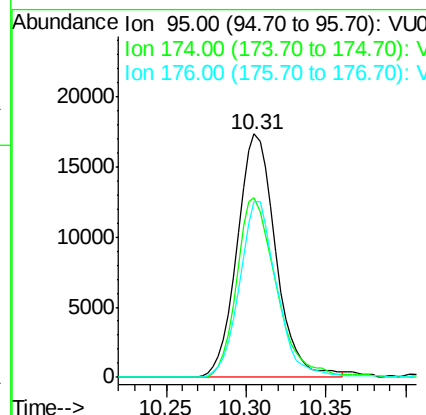
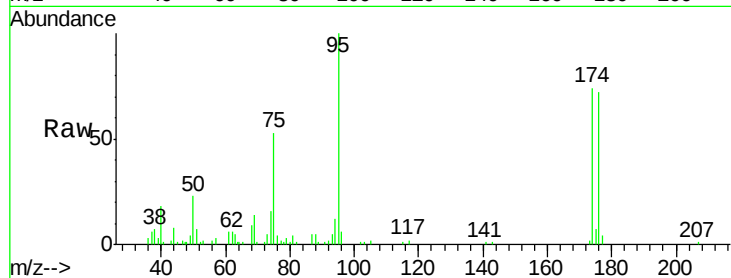
ClientSampleId :

ICVVU042619

Tot Ion:	95	Resp:	28473
Ion Ratio	Lower	Upper	
95	100		
174	75.2	57.9	86.9
176	69.7	54.0	81.0

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#58

Tetrachloroethene

Concen: 10.356 ug/l

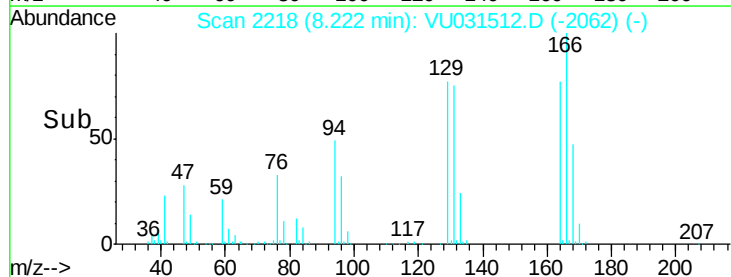
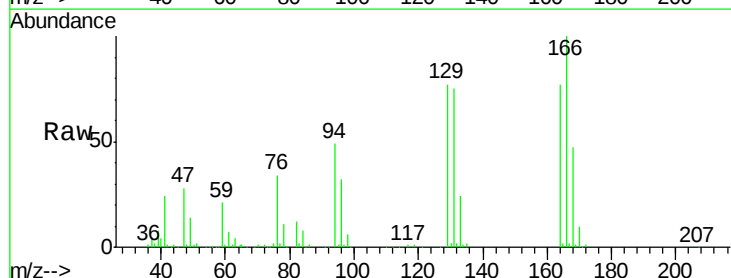
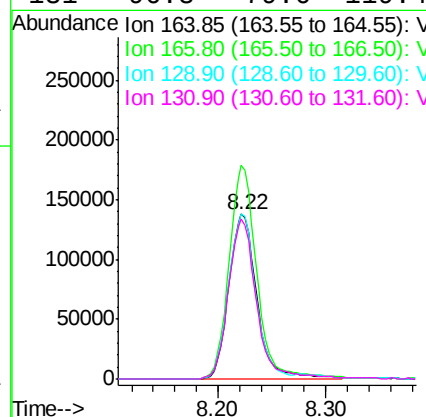
RT: 8.22 min Scan# 2218

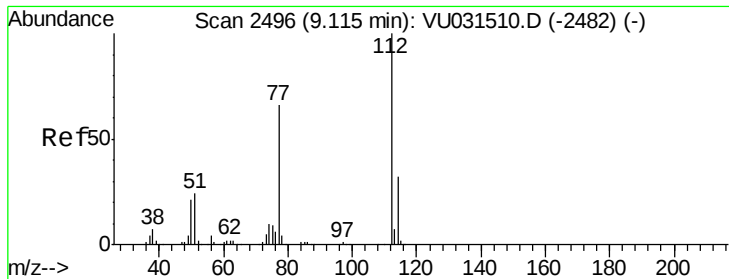
Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Tgt Ion:	164	Resp:	251247
Ion Ratio	Lower	Upper	
164	100		
166	129.8	101.2	151.8
129	100.4	80.2	120.4
131	96.8	79.6	119.4





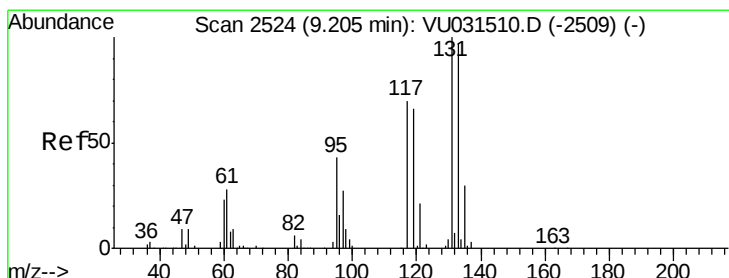
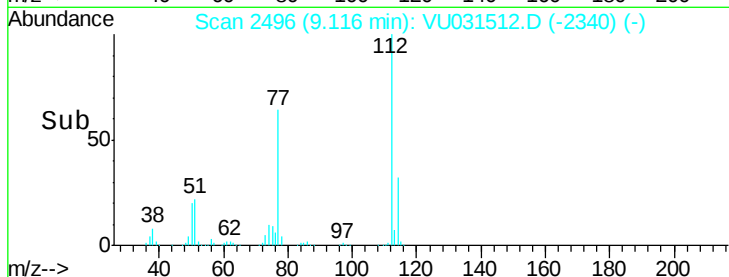
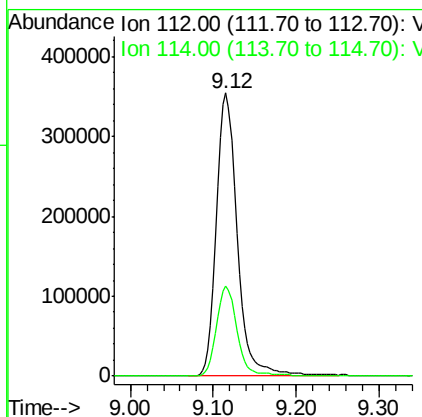
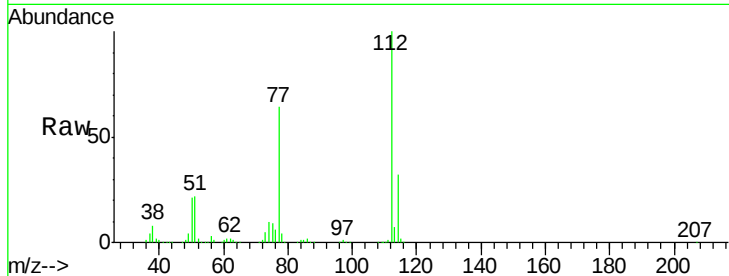
#59
Chlorobenzene
Concen: 11.085 ug/l
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.8	38.6

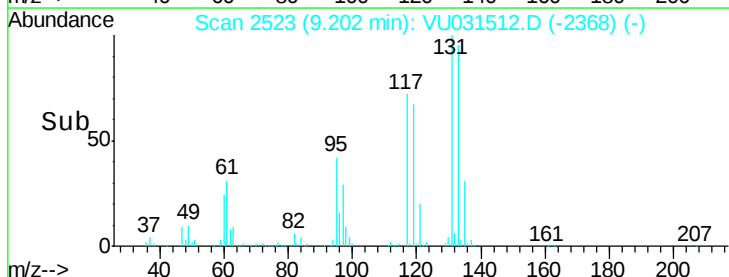
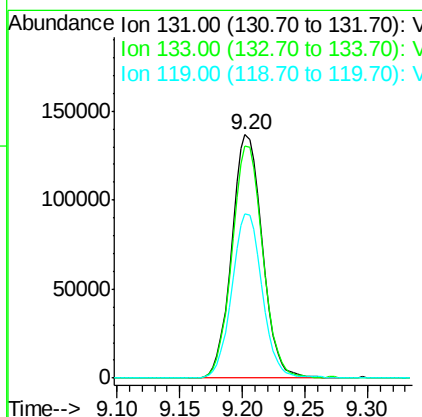
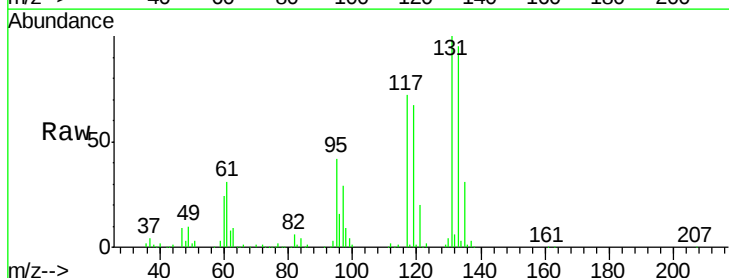
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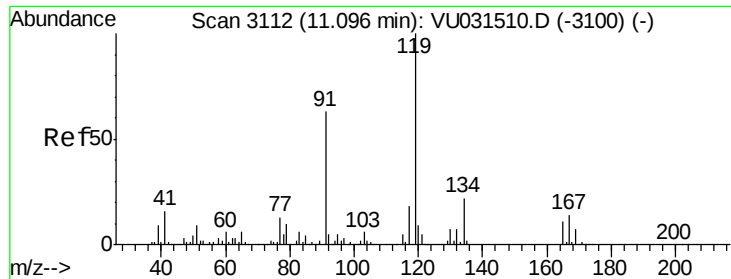
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#60
1,1,1,2-Tetrachloroethane
Concen: 10.638 ug/l
RT: 9.20 min Scan# 2523
Delta R.T. -0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	77.7	116.5
119	66.6	53.4	80.0





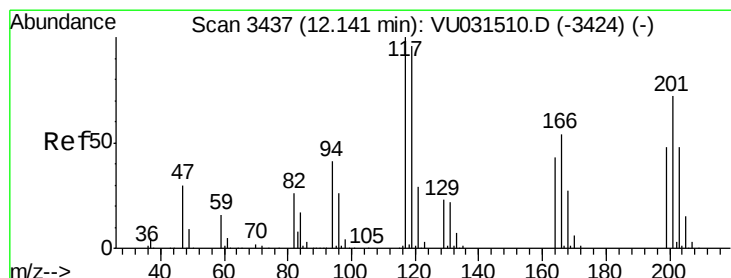
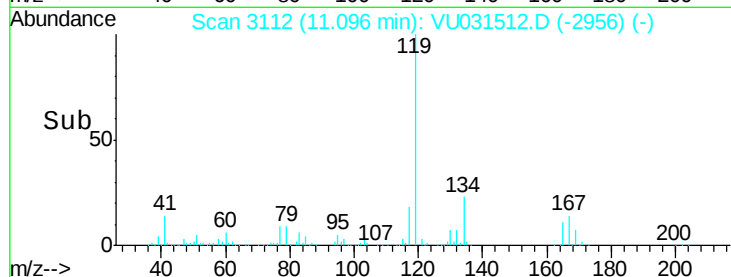
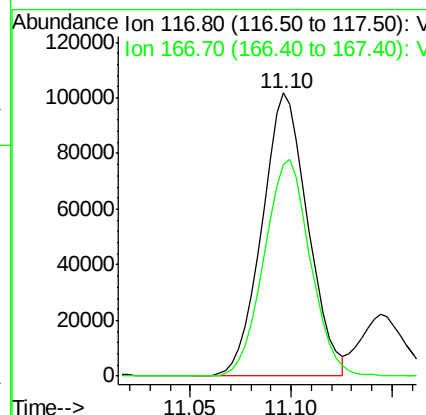
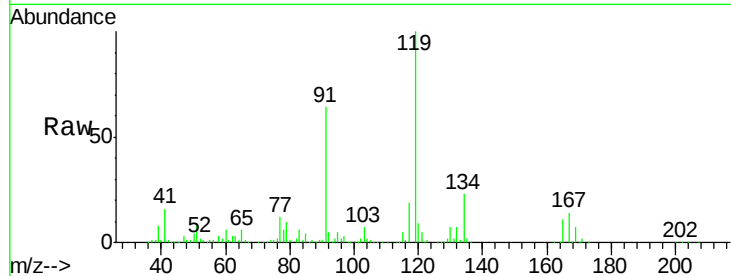
#61
 Pentachloroethane
 Concen: 10.387 ug/l
 RT: 11.10 min Scan# 3112
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Tot Ion	Ratio	Resp	Lower	Upper
117	100	160956		
167	77.0	62.5	93.7	

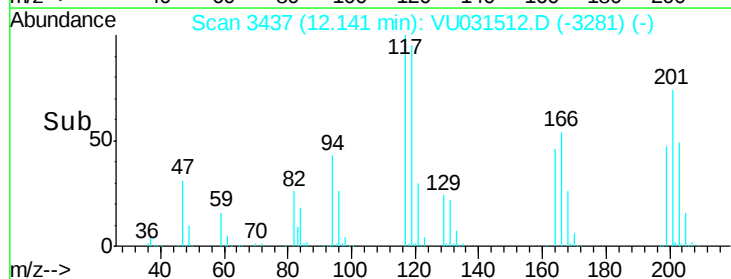
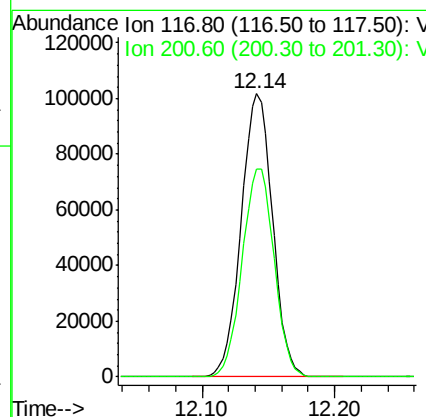
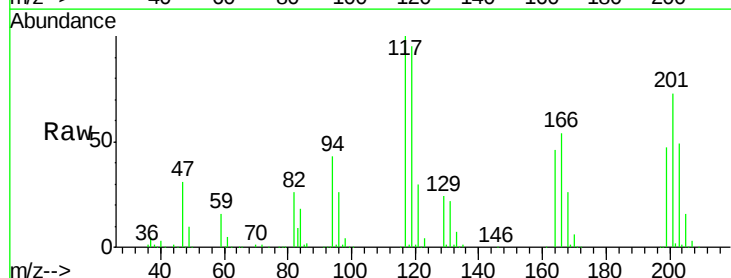
Manual Integrations
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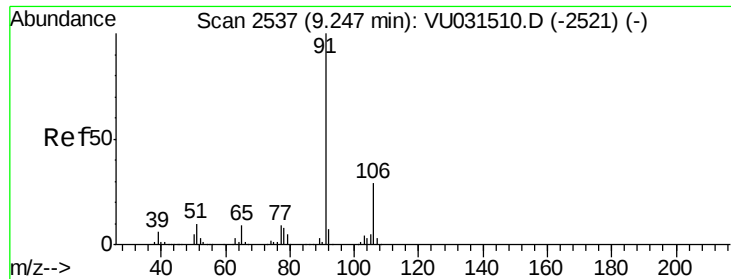
MMDadoda
 4/26/2019 12:22:52 PM



#62
 Hexachloroethane
 Concen: 10.980 ug/l
 RT: 12.14 min Scan# 3437
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	167560		
201	74.6	60.0	90.0	





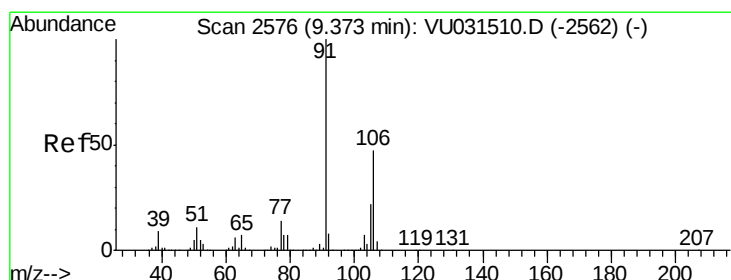
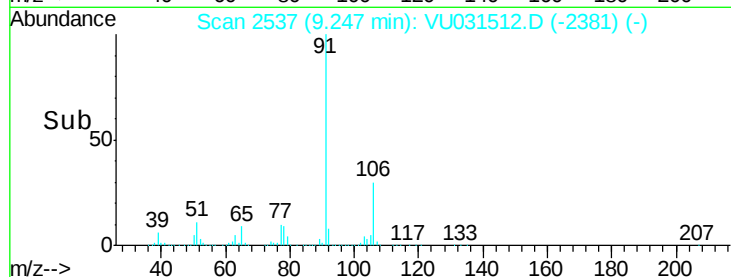
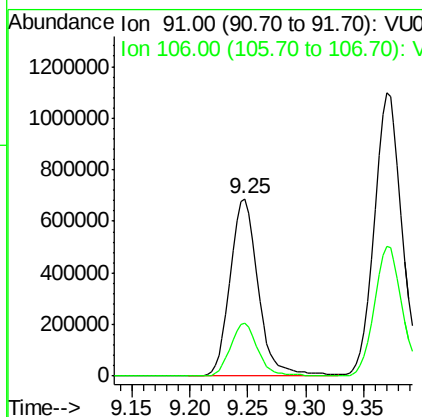
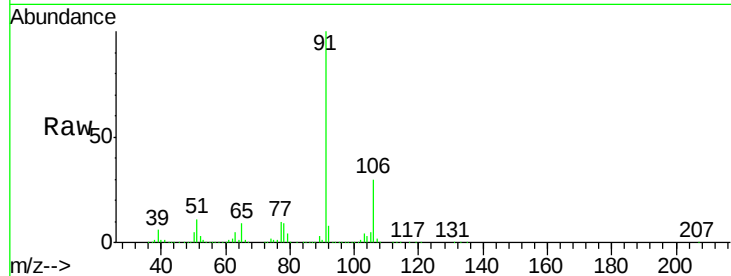
#63
Ethyl Benzene
Concen: 12.530 ug/l
RT: 9.25 min Scan# 2537
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

Tot Ion: 91 Resp: 1150394
Ion Ratio Lower Upper
91 100
106 30.1 23.4 35.2

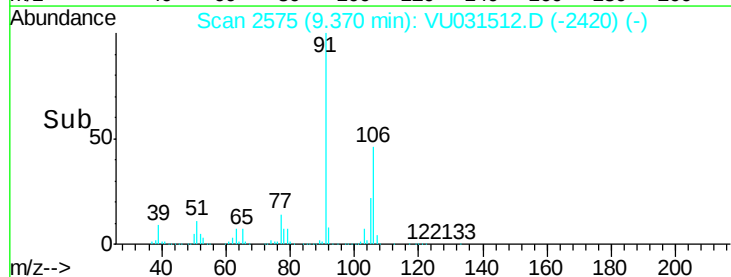
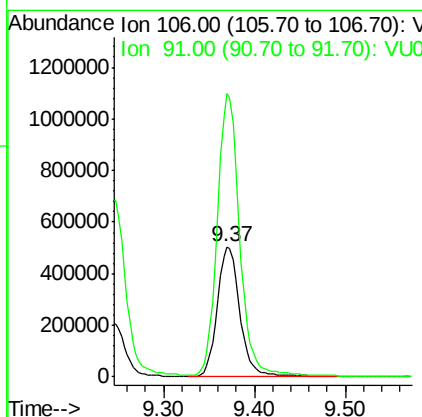
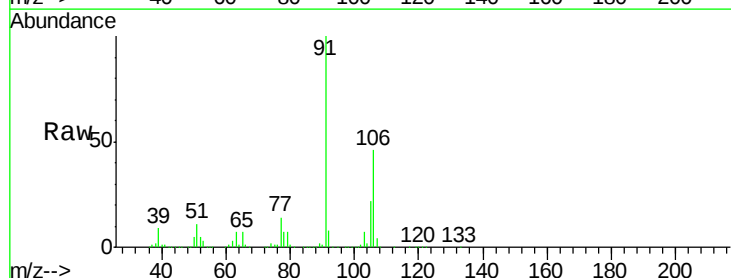
Manual Integrations
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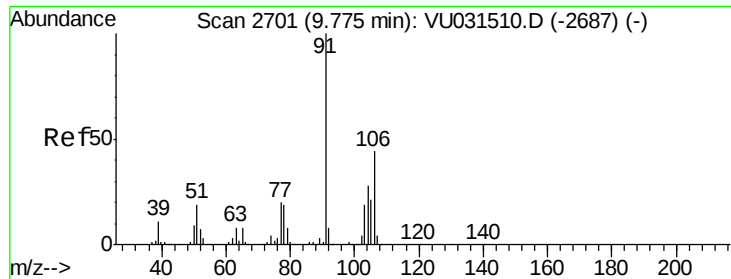
MMdadoda
4/26/2019 12:22:52 PM



#64
m/p-Xylenes
Concen: 25.225 ug/l
RT: 9.37 min Scan# 2575
Delta R.T. -0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion: 106 Resp: 866560
Ion Ratio Lower Upper
106 100
91 219.9 171.0 256.4





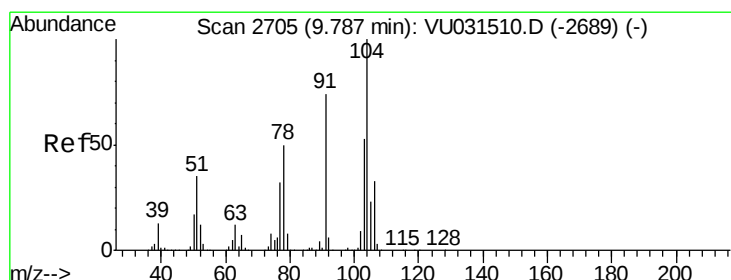
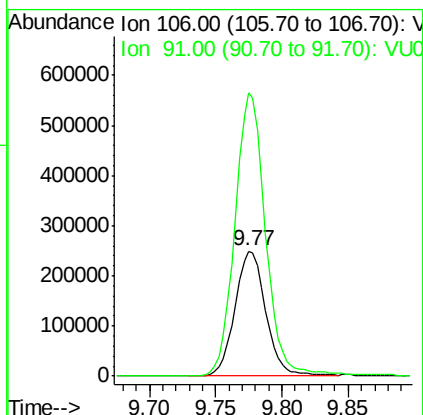
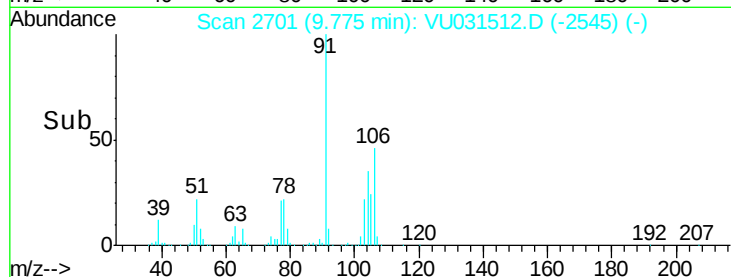
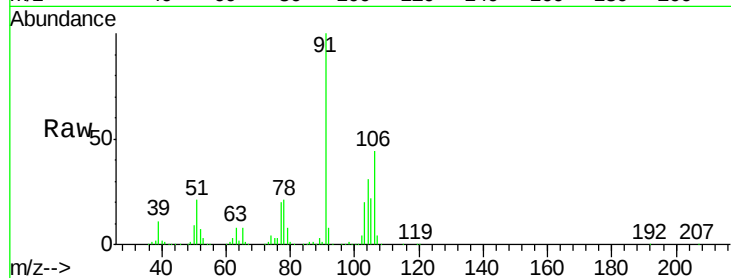
#65
o-Xylene
Concen: 12.107 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

Tot Ion:106 Resp: 404136
Ion Ratio Lower Upper
106 100
91 226.0 113.8 341.4

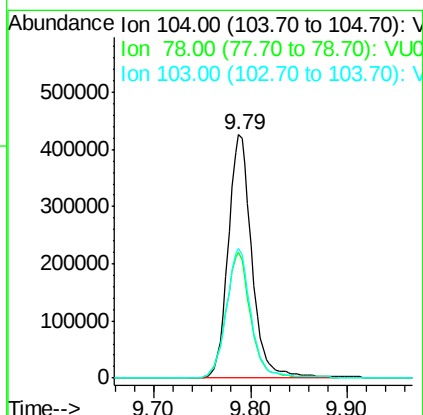
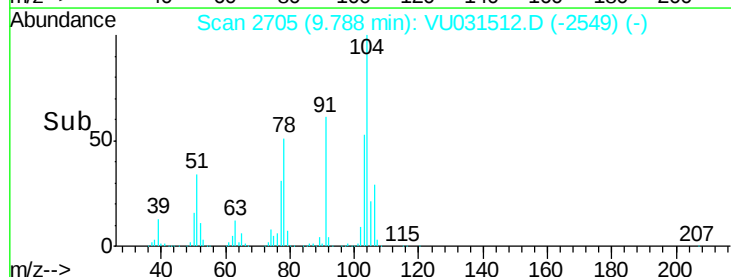
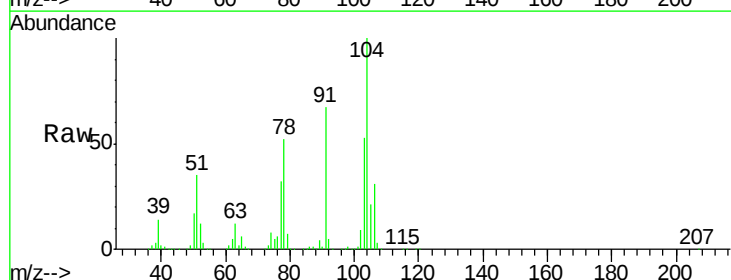
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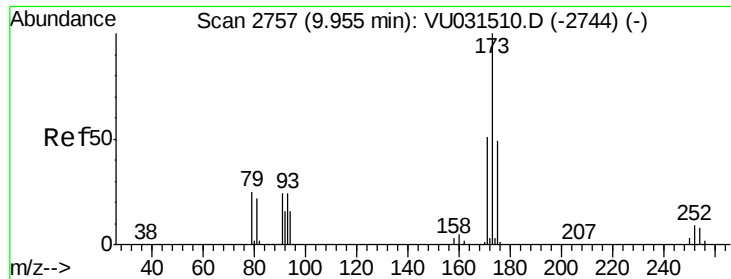
MMdadoda
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#66
Styrene
Concen: 11.002 ug/l
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion:104 Resp: 725131
Ion Ratio Lower Upper
104 100
78 53.8 42.5 63.7
103 56.0 44.5 66.7





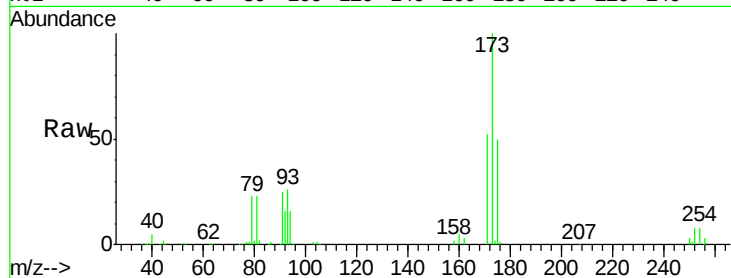
#67
Bromoform
Concen: 10.804 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.7	58.1
254	8.2	6.0	9.0

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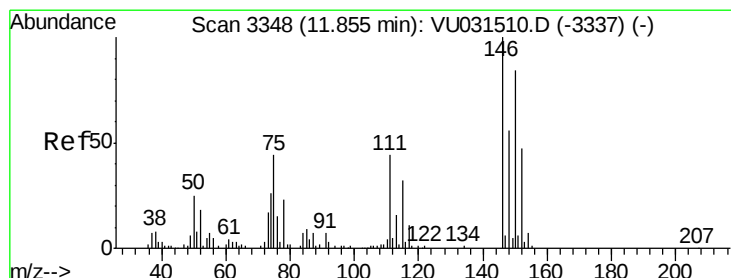
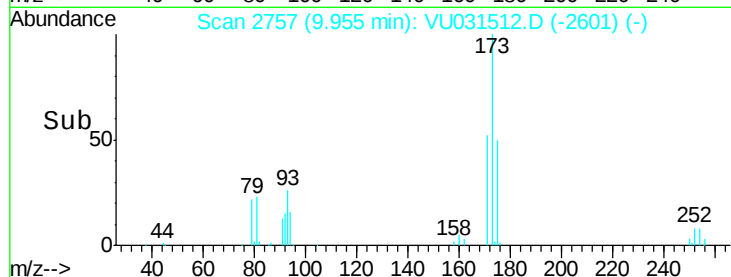
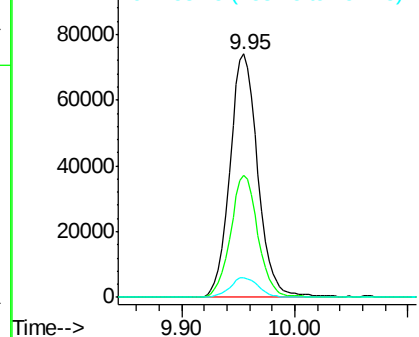


Abundance

Ion 172.90 (172.60 to 173.60): V

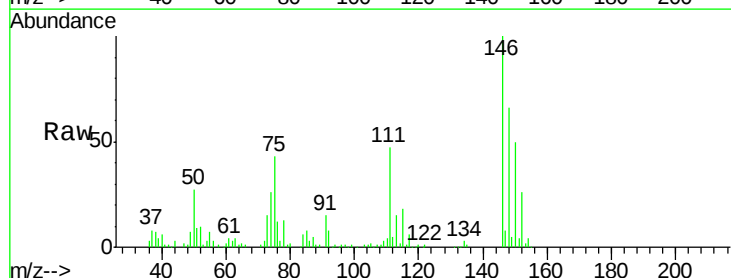
Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#68
1,2-Dichlorobenzene-d4
Concen: 1.016 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	0.0	123.2
150	331.0	0.0	658.2

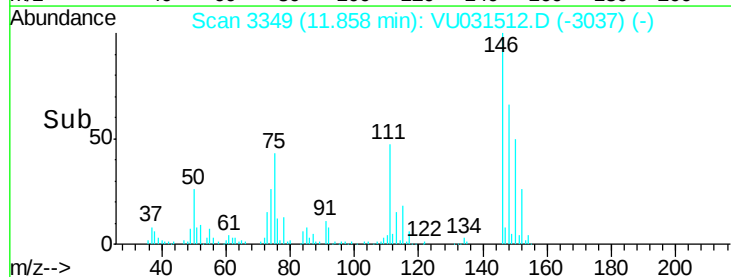
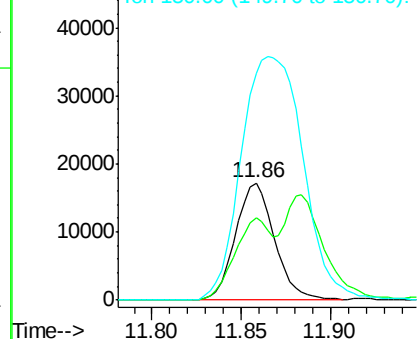


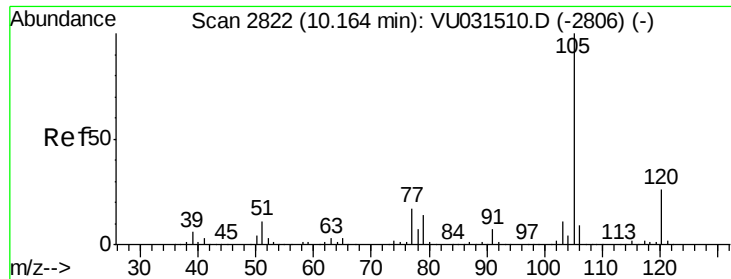
Abundance

Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 12.709 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU042619

Tot Ion:105 Resp: 1111003

Ion Ratio Lower Upper

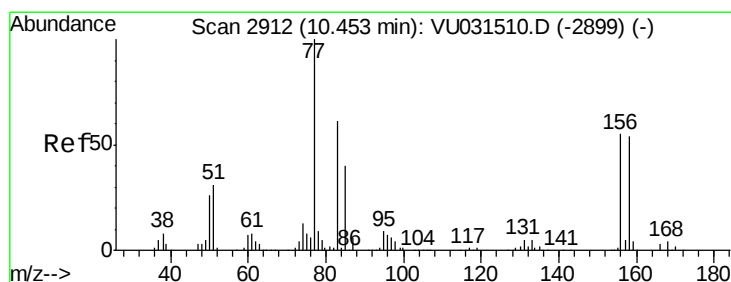
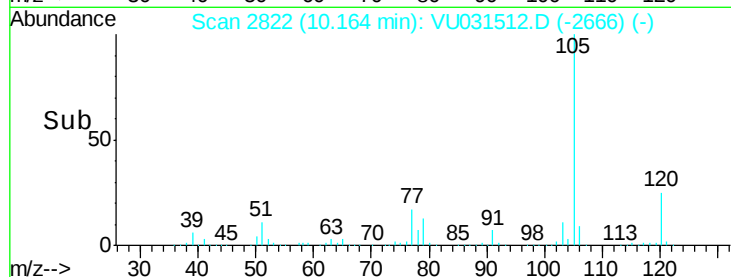
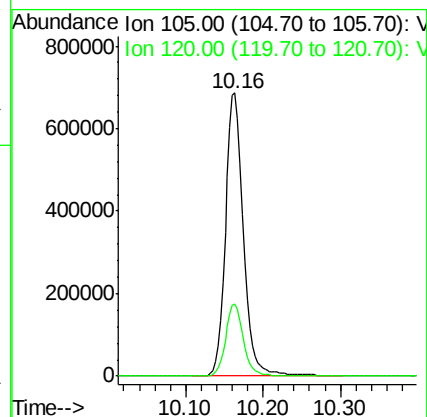
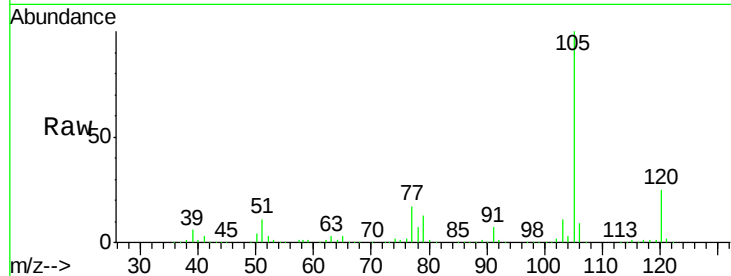
105 100

120 25.3 12.4 37.4

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#70

1,1,2,2-Tetrachloroethane

Concen: 10.415 ug/l

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

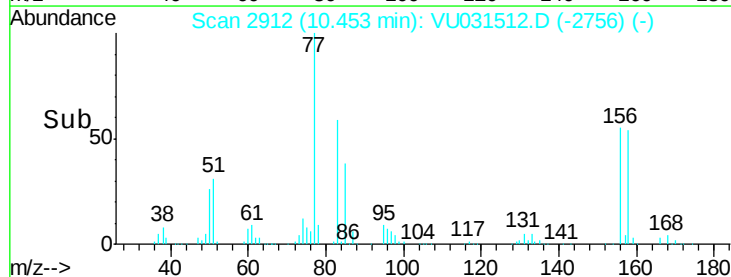
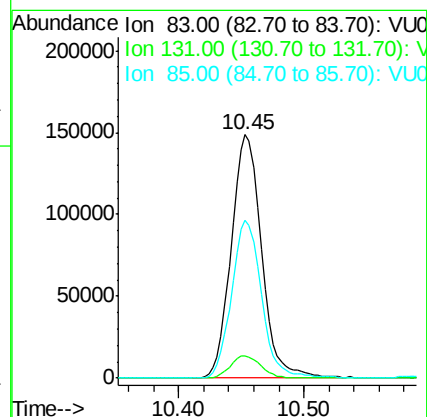
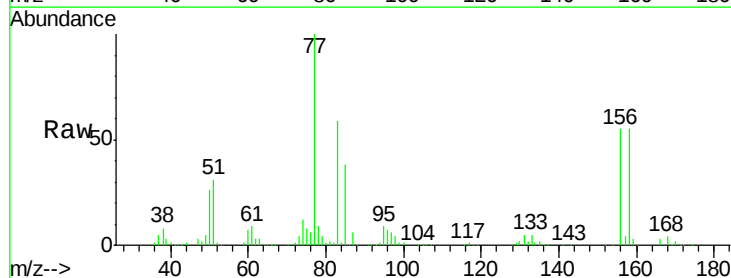
Tgt Ion: 83 Resp: 249740

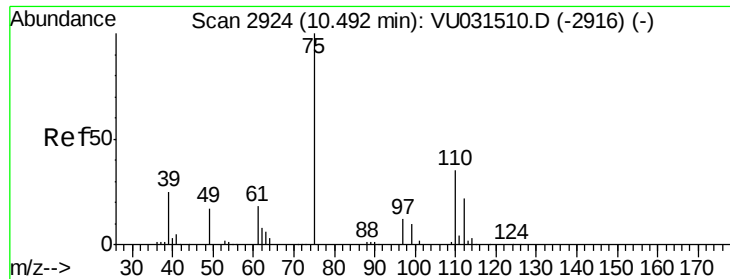
Ion Ratio Lower Upper

83 100

131 9.3 7.2 10.8

85 64.2 52.8 79.2





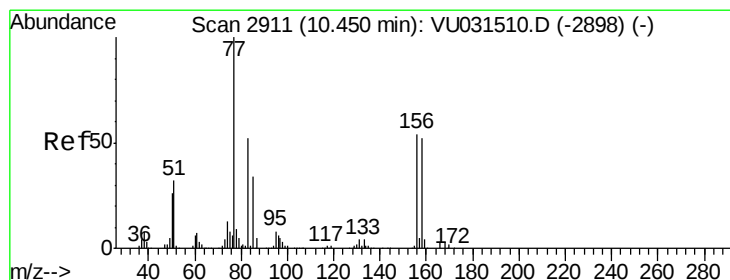
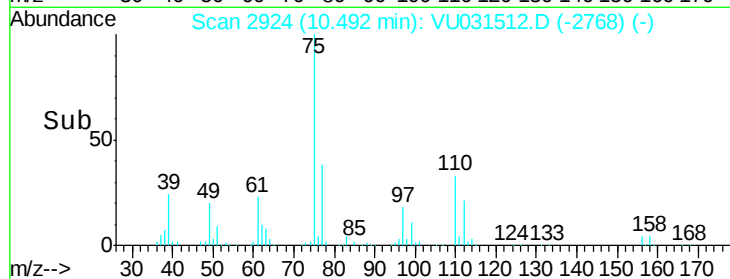
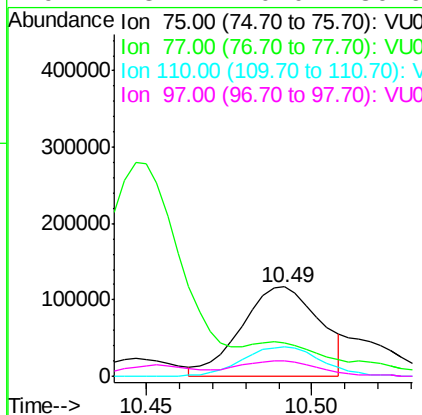
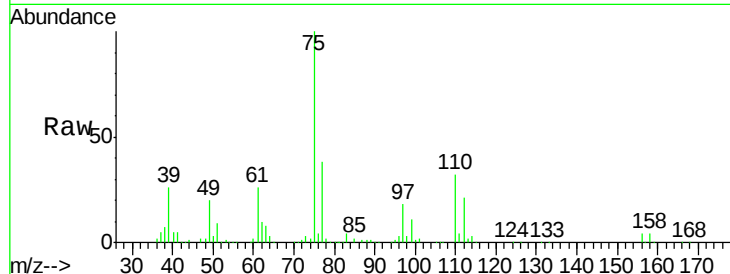
#71
1,2,3-Trichloropropane
Concen: 10.989 ug/l m
RT: 10.49 min Scan# 2924
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

Tot Ion	Ion	Ratio	Resp	Lower	Upper
75	100		192026		
77	0.0	0.0	0.0		
110	33.2	0.0	68.2		
97	18.4	0.0	36.6		

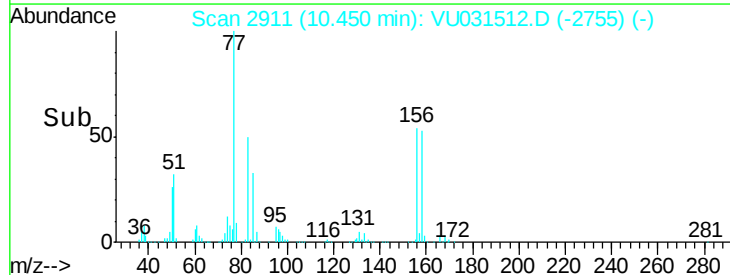
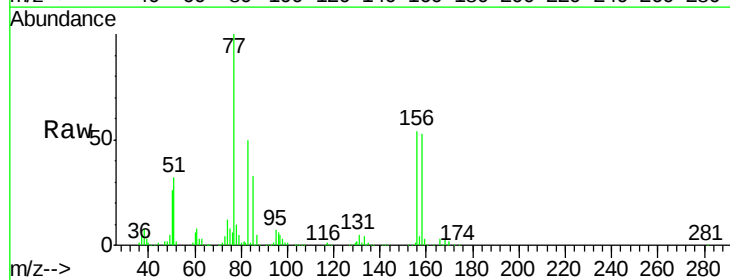
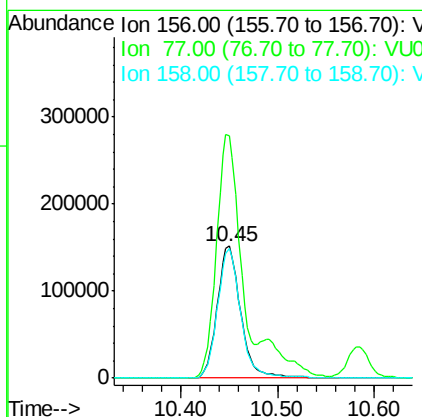
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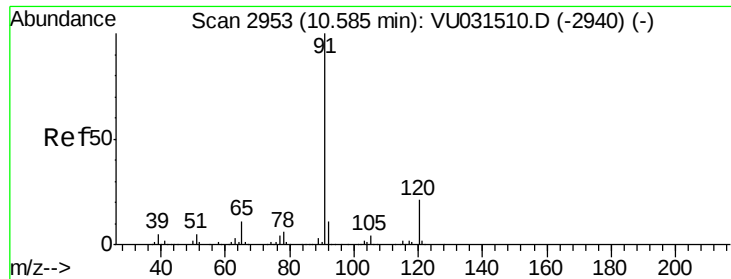
MMdadoda
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#72
Bromobenzene
Concen: 11.582 ug/l
RT: 10.45 min Scan# 2911
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
156	100		256816		
77	179.9	0.0	353.4		
158	97.0	0.0	190.6		





#73

n-propylbenzene

Concen: 12.283 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU042619

Tot Ion:120 Resp: 277899

Ion Ratio Lower Upper

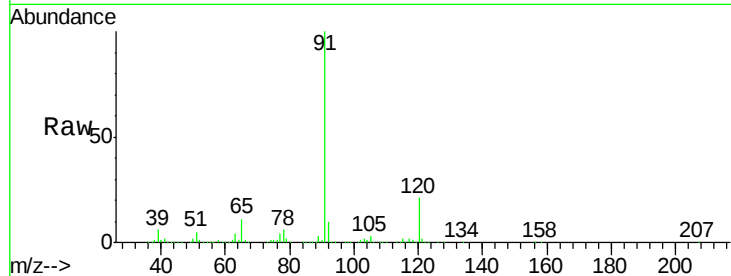
120 100

91 483.7 373.9 560.9

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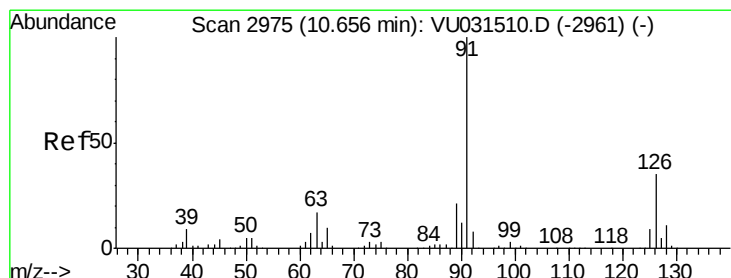
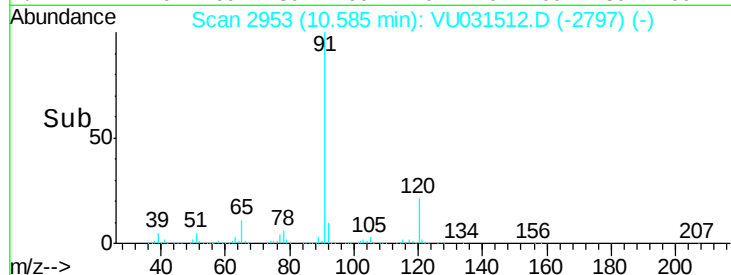
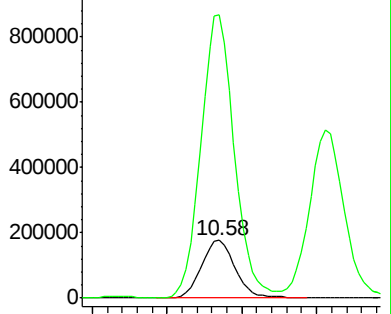
MMdadoda

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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: 11.753 ug/l

RT: 10.66 min Scan# 2975

Delta R.T. 0.00 min

Lab File: VU031512.D

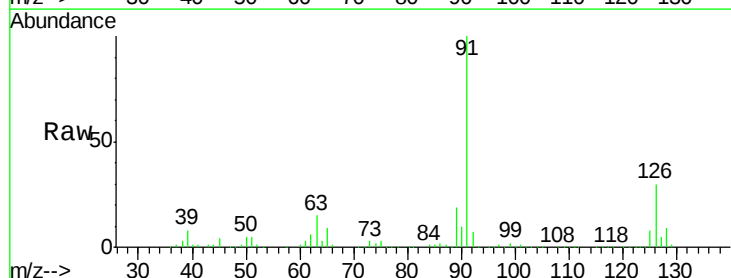
Acq: 25 Apr 2019 22:03

Tgt Ion:126 Resp: 253434

Ion Ratio Lower Upper

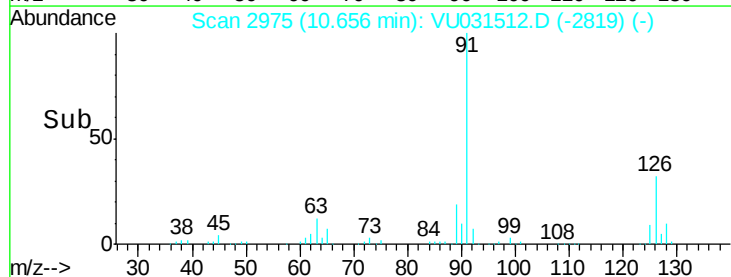
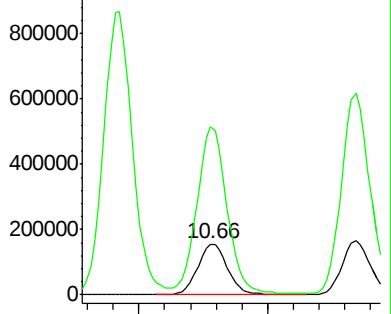
126 100

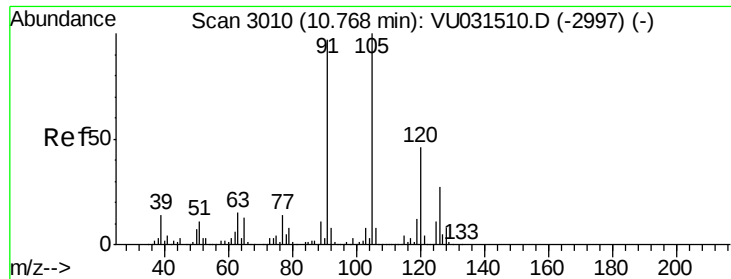
91 333.3 0.0 659.6



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: 11.325 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

ClientSampleId :

ICVVU042619

Tot Ion:105 Resp: 980233

Ion Ratio Lower Upper

105 100

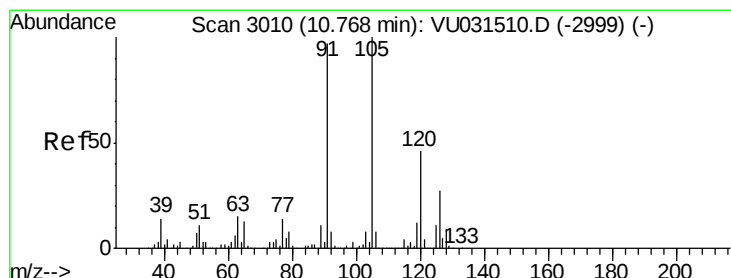
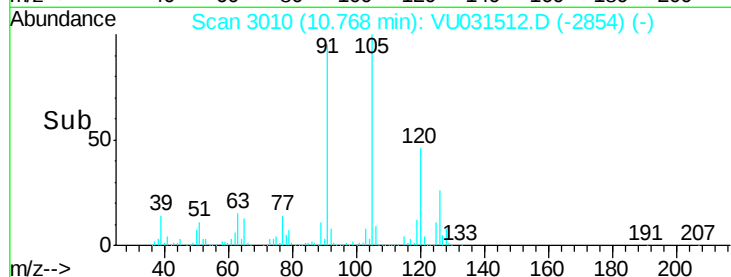
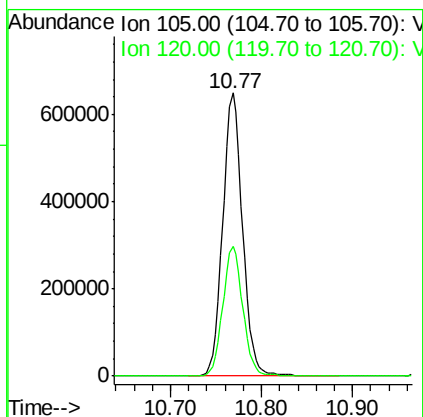
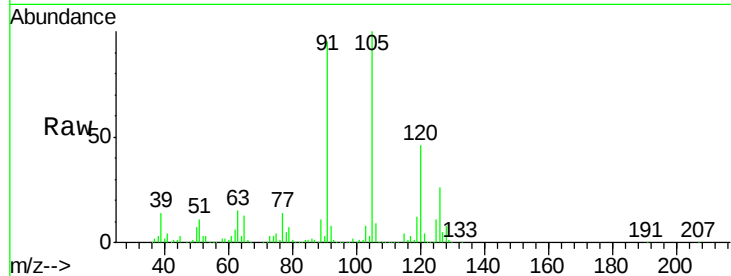
120 46.6 36.8 55.2

Manual Integrations

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#76

4-Chlorotoluene

Concen: 10.902 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031512.D

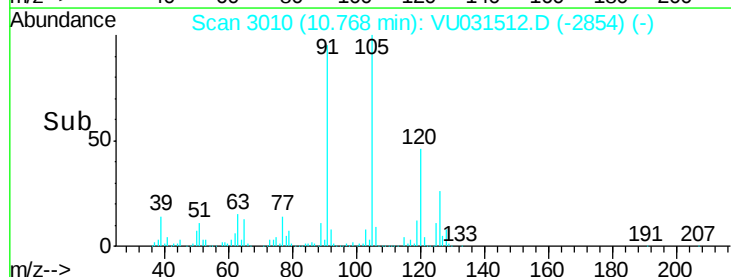
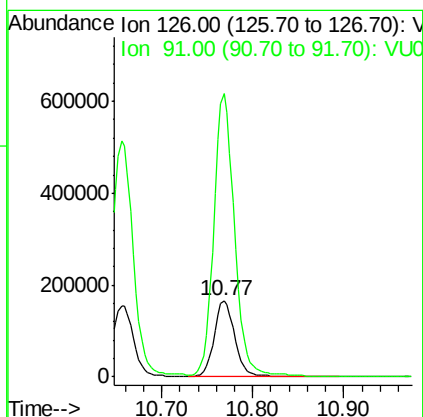
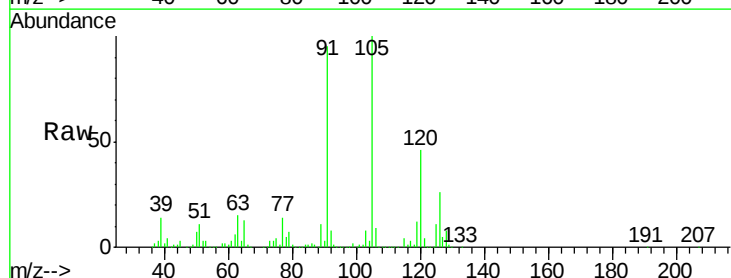
Acq: 25 Apr 2019 22:03

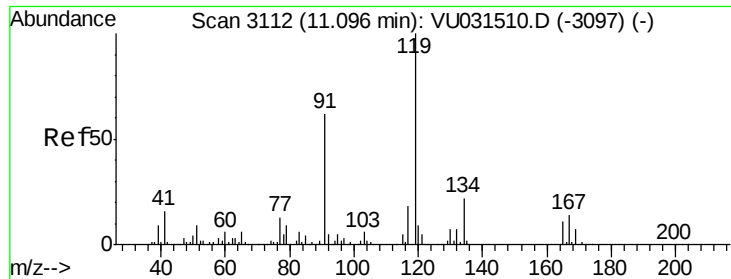
Tgt Ion:126 Resp: 263168

Ion Ratio Lower Upper

126 100

91 371.1 0.0 732.0





#77

tert-Butylbenzene

Concen: 11.894 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

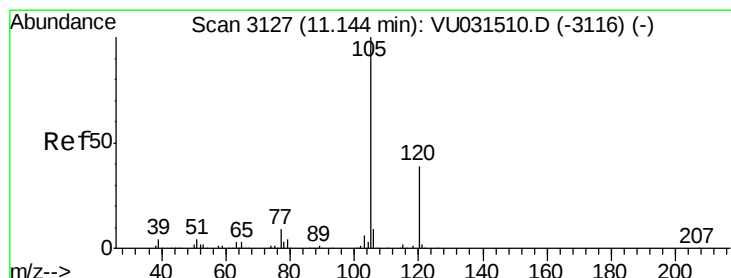
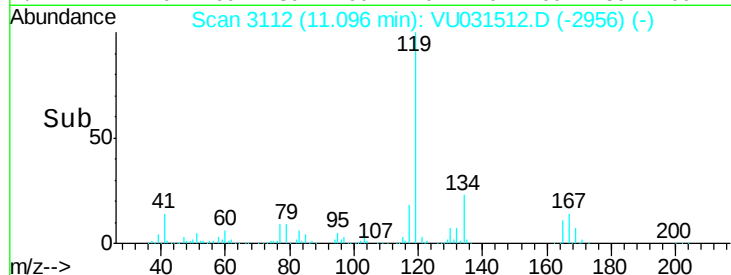
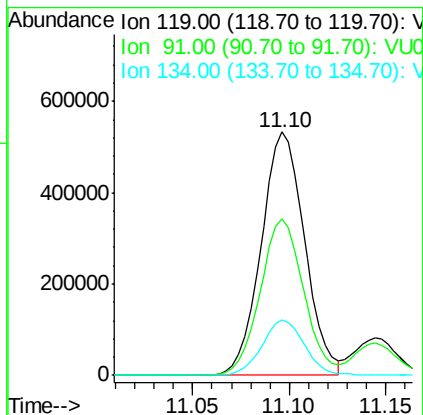
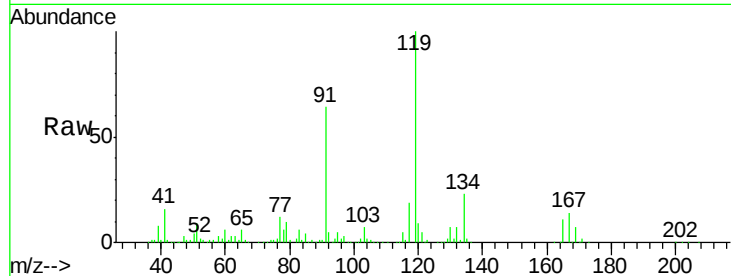
ClientSampleId :

ICVVU042619

Tot Ion:	119	Resp:	831037
Ion Ratio	Lower	Upper	
119	100		
91	63.9	31.4	94.2
134	22.6	17.4	26.2

Manual Integrations
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#78

1,2,4-Trimethylbenzene

Concen: 11.070 ug/l

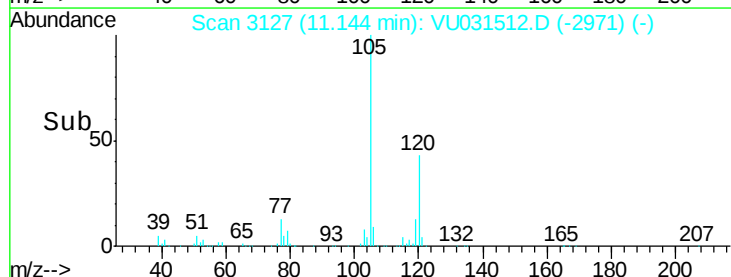
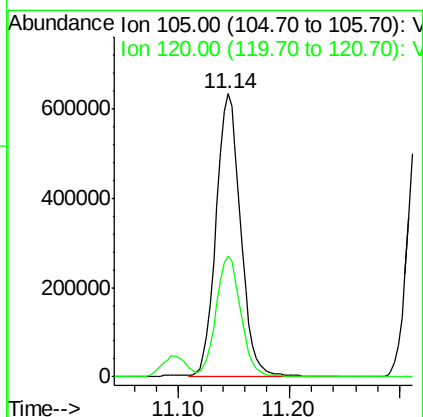
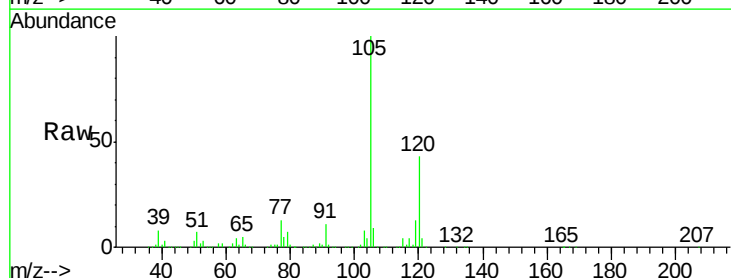
RT: 11.14 min Scan# 3127

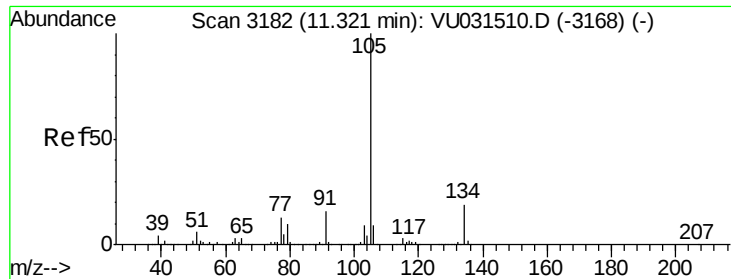
Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Tgt Ion:	105	Resp:	972674
Ion Ratio	Lower	Upper	
105	100		
120	43.5	21.6	65.0





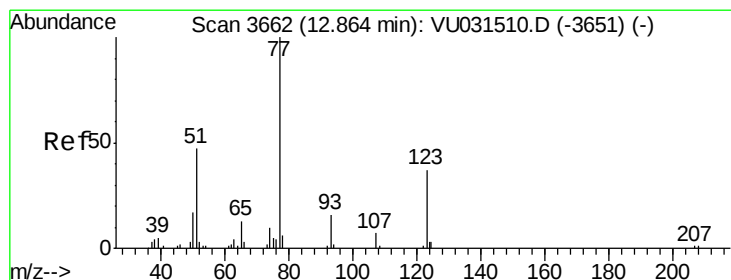
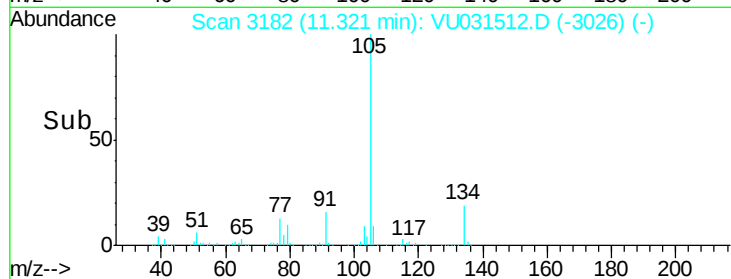
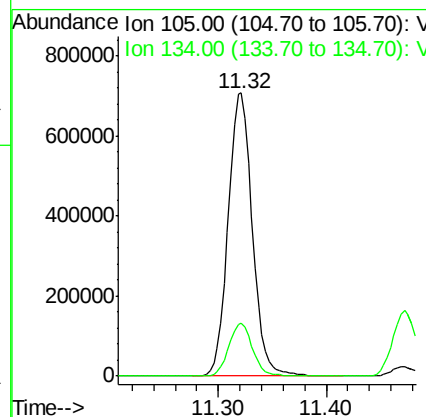
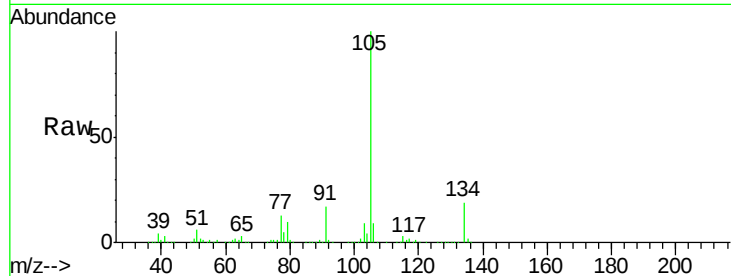
#79
 sec-Butylbenzene
 Concen: 11.549 ug/l
 RT: 11.32 min Scan# 3182
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Tot Ion:105 Resp: 1100694
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.0 22.6

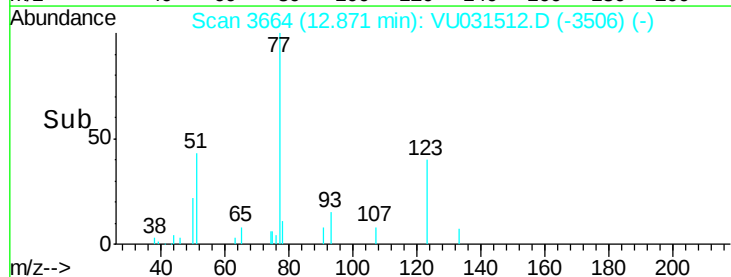
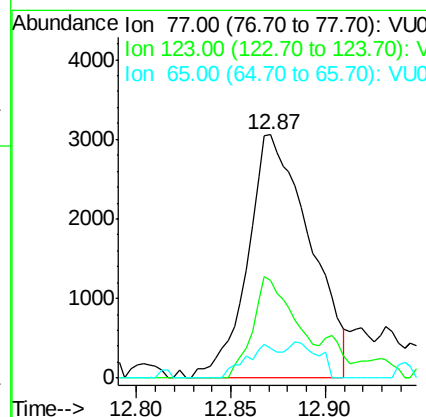
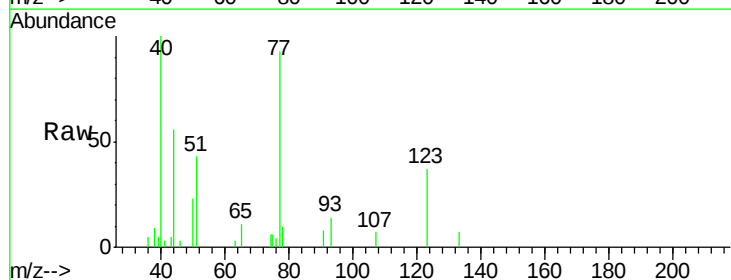
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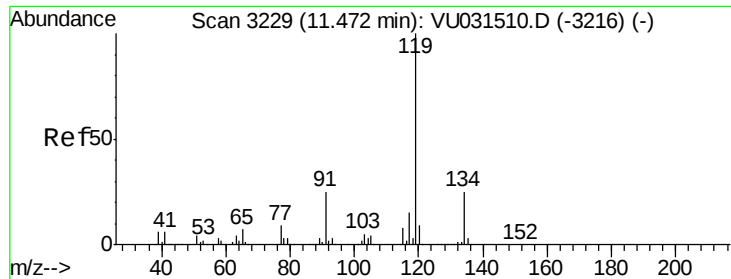
MMdadoda
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#80
 Nitrobenzene
 Concen: 12.071 ug/l m
 RT: 12.87 min Scan# 3664
 Delta R.T. 0.01 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Tgt Ion: 77 Resp: 6968
 Ion Ratio Lower Upper
 77 100
 123 20.6 17.2 61.0
 65 0.0 9.7 12.3#





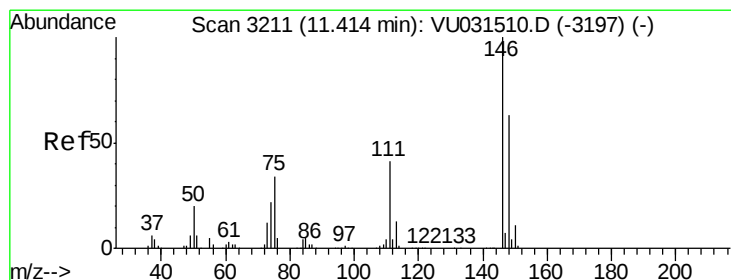
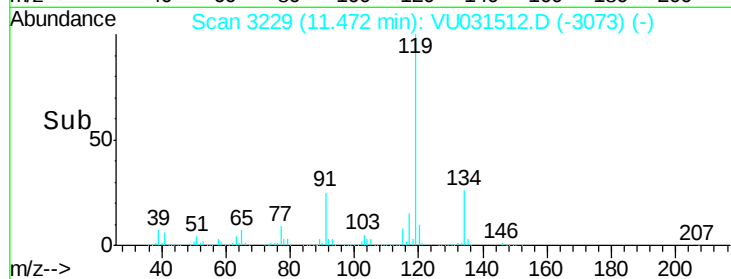
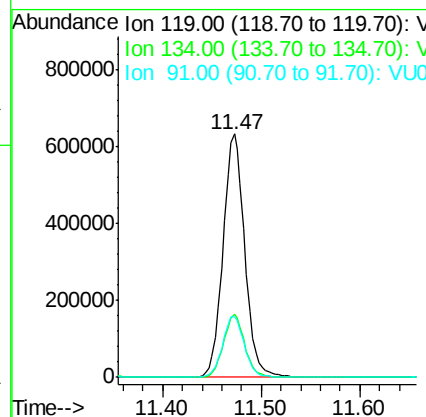
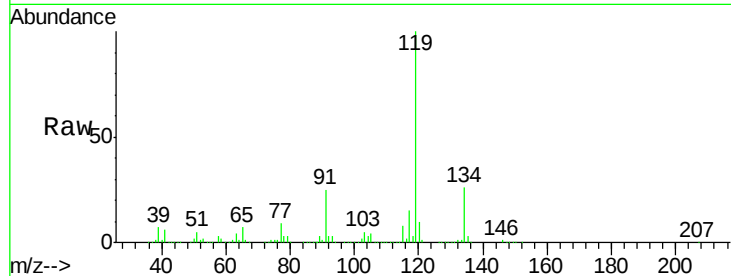
#81
 p-Isopropyltoluene
 Concen: 11.108 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Tot Ion	Ratio	Resp	Lower	Upper
119	100	975471		
134	25.5		20.3	30.5
91	25.2		20.3	30.5

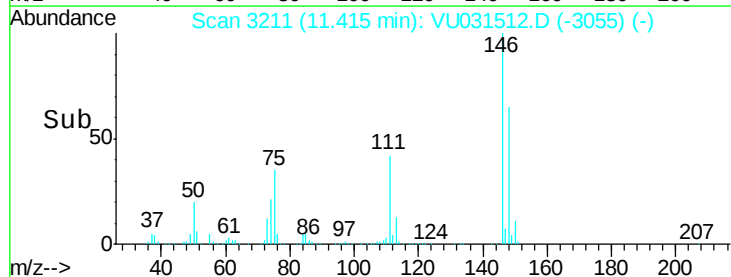
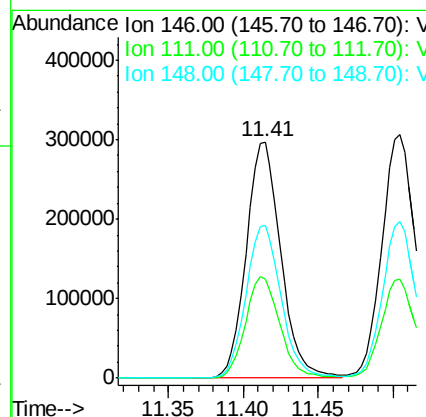
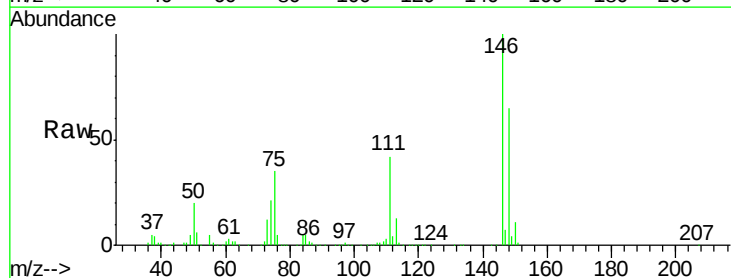
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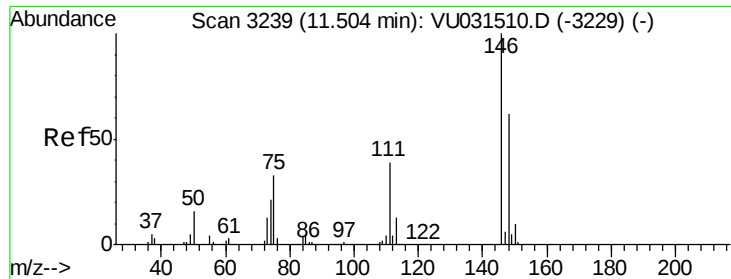
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#82
 1,3-Dichlorobenzene
 Concen: 10.935 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	479487		
111	42.7		33.4	50.0
148	65.6		50.2	75.4





#83

1,4-Dichlorobenzene

Concen: 11.861 ug/l

RT: 11.50 min Scan# 3239

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

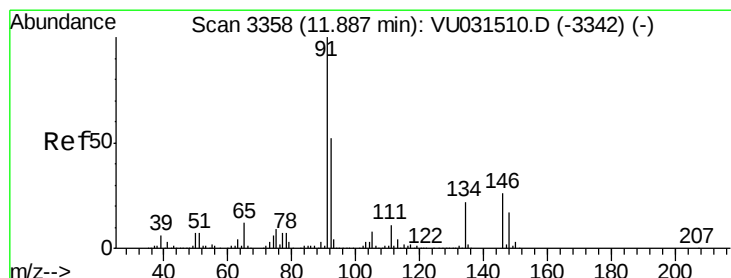
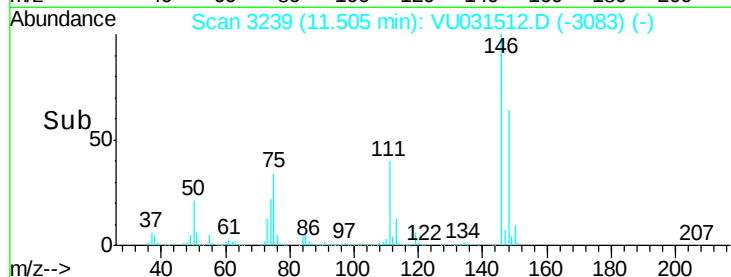
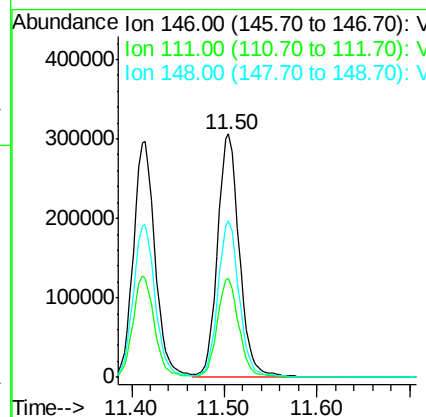
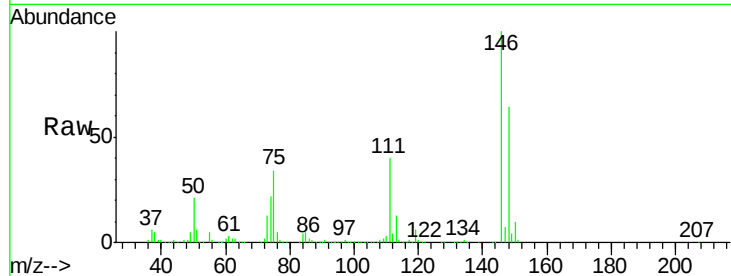
ClientSampleId :

ICVVU042619

Tot Ion:	146	Resp:	499399
Ion Ratio	Lower	Upper	
146	100		
111	39.7	32.2	48.4
148	62.9	51.2	76.8

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#84

n-Butylbenzene

Concen: 10.959 ug/l

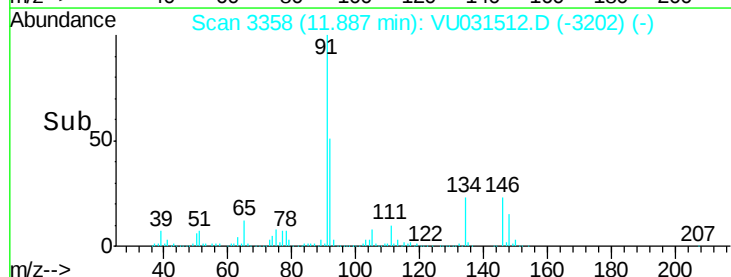
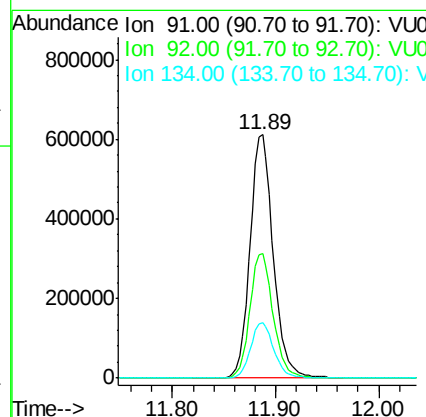
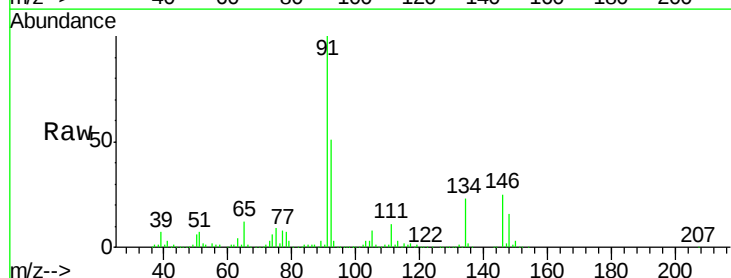
RT: 11.89 min Scan# 3358

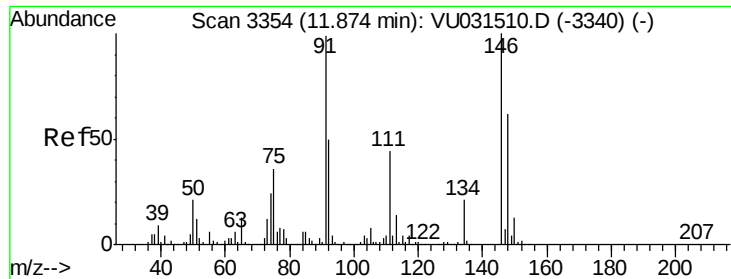
Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Tgt Ion:	91	Resp:	952557
Ion Ratio	Lower	Upper	
91	100		
92	51.4	41.2	61.8
134	22.9	18.1	27.1





#85

1,2-Dichlorobenzene

Concen: 10.766 ug/l

RT: 11.87 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Instrument :

MSVOA_U

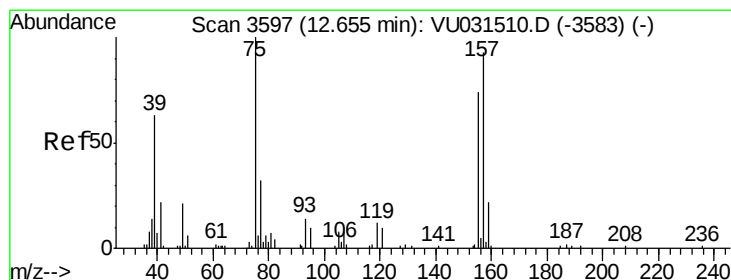
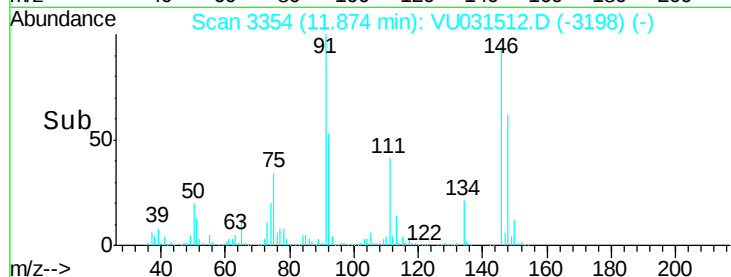
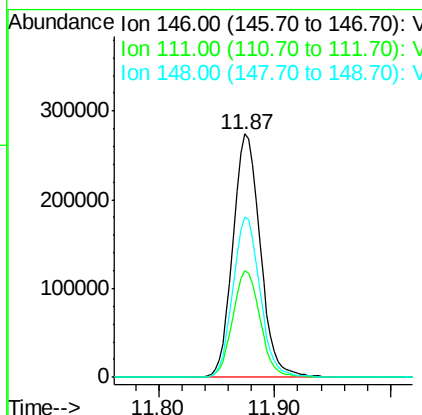
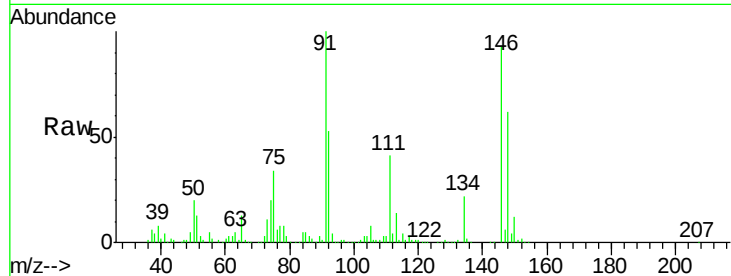
ClientSampleId :

ICVVU042619

Tot Ion:	146	Resp:	448692
Ion Ratio	Lower	Upper	
146	100		
111	44.0	21.7	65.1
148	65.1	31.6	94.7

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#86

1,2-Dibromo-3-Chloropropane

Concen: 11.253 ug/l

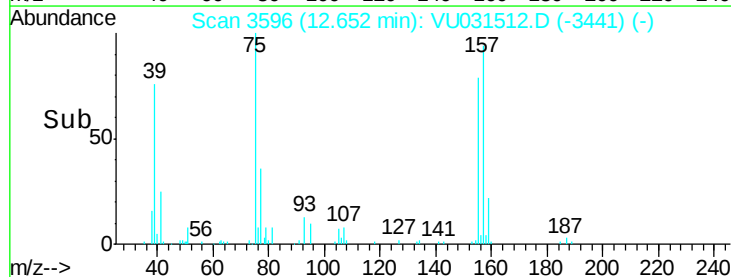
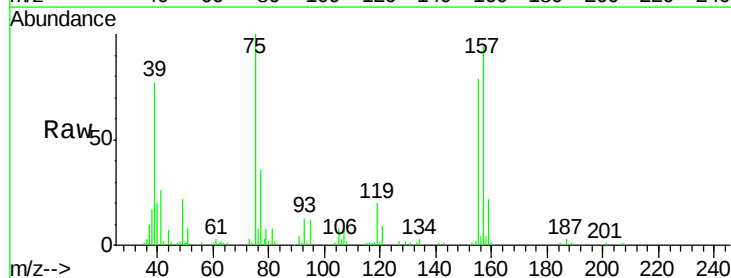
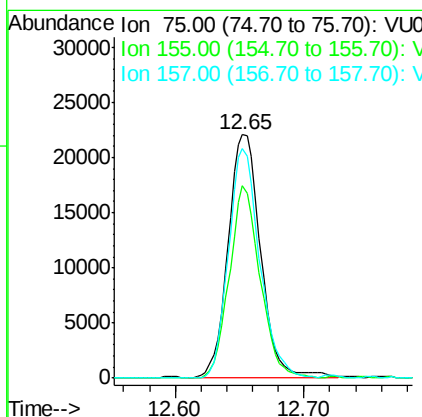
RT: 12.65 min Scan# 3596

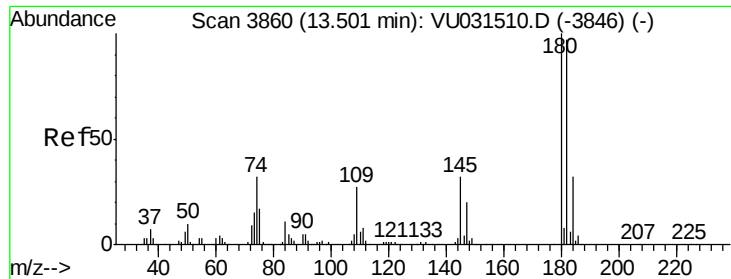
Delta R.T. -0.00 min

Lab File: VU031512.D

Acq: 25 Apr 2019 22:03

Tgt Ion:	75	Resp:	38845
Ion Ratio	Lower	Upper	
75	100		
155	74.3	58.5	87.7
157	90.1	75.0	112.4





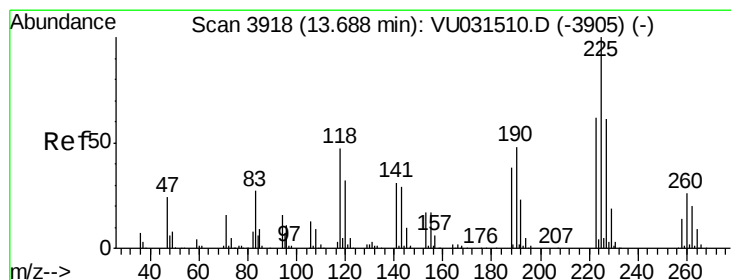
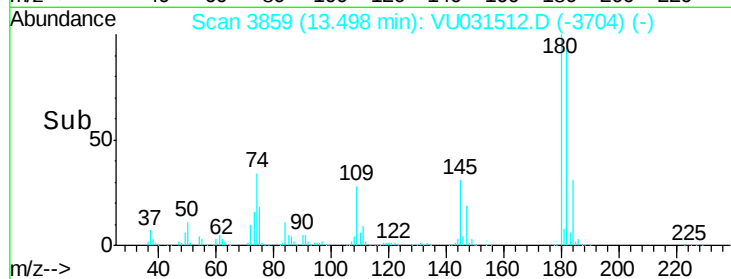
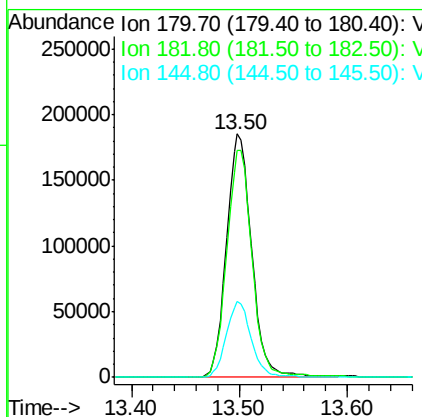
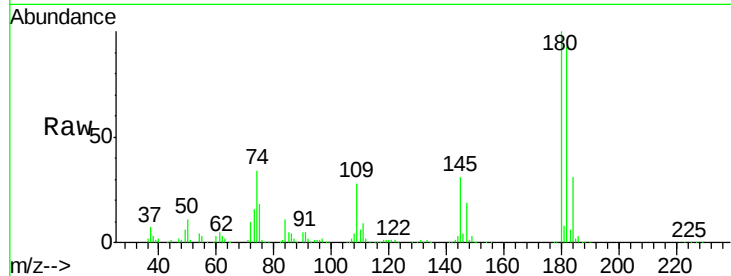
#87
 1,2,4-Trichlorobenzene
 Concen: 11.787 ug/l
 RT: 13.50 min Scan# 3859
 Delta R.T. -0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU042619

Tot Ion	Ratio	Resp	Lower	Upper
180	100	301720		
182	93.8	75.5	113.3	
145	31.0	23.9	35.9	

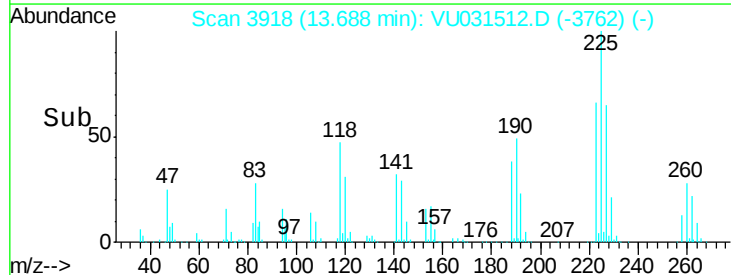
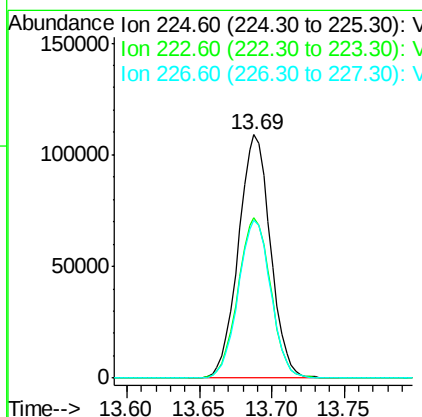
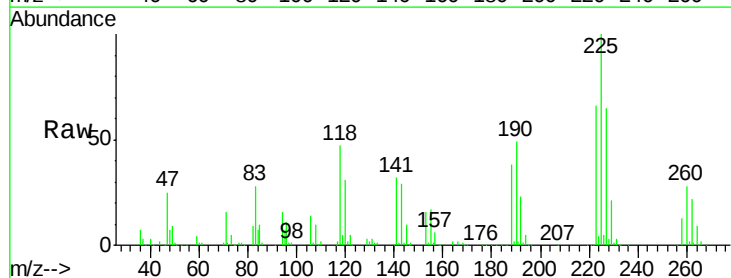
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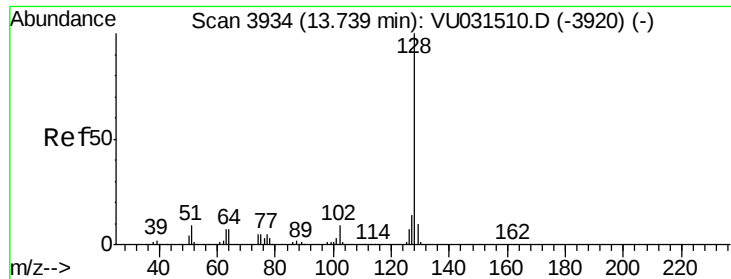
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#88
 Hexachlorobutadiene
 Concen: 10.962 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU031512.D
 Acq: 25 Apr 2019 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167848		
223	67.2	50.2	75.4	
227	65.5	50.4	75.6	





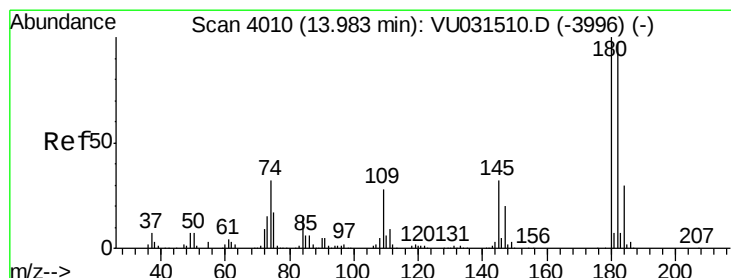
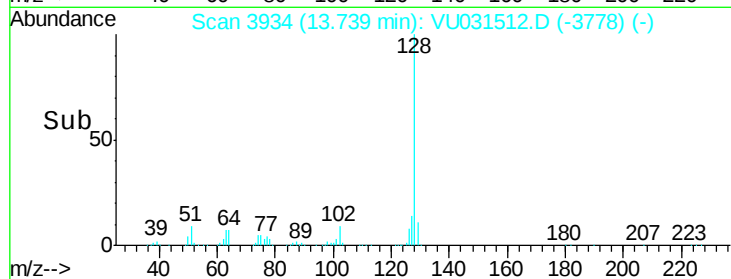
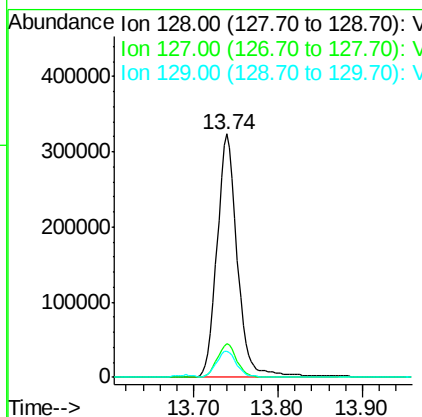
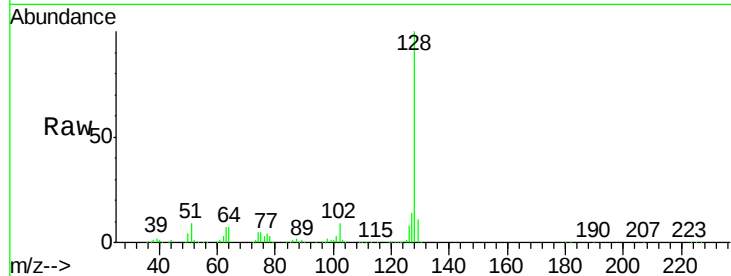
#89
Naphthalene
Concen: 11.408 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Instrument :
MSVOA_U
ClientSampleId :
ICVVU042619

Tot Ion	Ratio	Resp	Lower	Upper
128	100	546056		
127	13.3		10.8	16.2
129	10.7		8.2	12.2

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#90
1,2,3-Trichlorobenzene
Concen: 12.840 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU031512.D
Acq: 25 Apr 2019 22:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	277583		
182	96.7		77.1	115.7
145	32.8		25.9	38.9

