

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041619\
 Data File : VU031210.D
 Acq On : 16 Apr 2019 13:05
 Operator : JC/SP
 Sample : VU0416WBSD01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:15:21 AM

Quant Time: Apr 17 03:48:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U041519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:55:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	5.74	96	33850	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	11891	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	11.86	152	12787	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.20	85	26604	1.817	ug/l	95
3) Chloromethane	1.32	50	31361	2.030	ug/l	98
4) Vinyl Chloride	1.40	62	30479	2.020	ug/l	98
5) Bromomethane	1.63	94	23613	2.671	ug/l	100
6) Chloroethane	1.70	64	19723	1.893	ug/l	98
7) Trichlorofluoromethane	1.89	101	41834	1.901	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	21428	1.956	ug/l	97
9) 1,1-Dichloroethene	2.29	96	21980	2.008	ug/l	97
10) Iodomethane	2.41	142	19271	1.304	ug/l	99
11) Allyl Chloride	2.59	41	43935	2.045	ug/l	99
12) Acrylonitrile	2.94	53	13196	4.122	ug/l	99
13) Acetone	2.33	43	26199	9.968	ug/l	100
14) Carbon Disulfide	2.48	76	79837	1.975	ug/l	99
15) Methylene Chloride	2.70	84	25822	1.830	ug/l	95
16) trans-1,2-Dichloroethene	2.98	96	24034	1.990	ug/l	99
17) 1,1-Dichloroethane	3.44	63	36483	1.907	ug/l	99
18) 2-Butanone	4.28	43	28603	9.613	ug/l	91
19) Cyclohexane	4.99	56	26430	1.964	ug/l	95
20) Methylcyclohexane	6.41	83	26062	1.909	ug/l	98
21) 2,2-Dichloropropane	4.22	77	29020	1.957	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	19726	1.873	ug/l	91
23) Diethyl Ether	2.10	59	19054	1.867	ug/l	98
24) tert-Butyl Alcohol	2.87	59	19666	18.089	ug/l #	83
25) Methyl tert-Butyl Ether	3.00	73	61806	1.937	ug/l	96
26) Bromochloromethane	4.54	128	9906	2.063	ug/l	98
27) Chloroform	4.67	83	37053	1.958	ug/l	97
28) 1,1,1-Trichloroethane	4.91	97	31145	1.936	ug/l	98
29) 1,1-Dichloropropene	5.13	75	27465	2.036	ug/l	99
30) Carbon Tetrachloride	5.13	117	27270	1.919	ug/l	95
31) Isopropyl Ether	3.57	45	51303	1.829	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	44023	1.851	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	40332	1.937	ug/l	97
34) Propionitrile	4.34	54	8196	9.969	ug/l #	85
35) Benzene	5.39	78	79396	1.977	ug/l	97
36) 1,2-Dichloroethane	5.40	62	25151	1.968	ug/l	99
37) Trichloroethene	6.18	130	19495	1.731	ug/l	89
38) 1,2-Dichloropropane	6.43	63	20293	1.898	ug/l	99
39) Methacrylonitrile	4.55	41	7292	1.969	ug/l #	78
40) Methyl acrylate	4.44	55	8724	1.936	ug/l #	91
41) Tetrahydrofuran	4.65	42	7793	4.121	ug/l #	74
42) 1-Chlorobutane	5.06	56	38381	1.997	ug/l	95

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 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Manual Integrations
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 4/17/2019 9:15:21 AM

Quant Time: Apr 17 03:48:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U041519DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Apr 16 04:55:56 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.56	93	11044	1.920	ug/l	96
44) Bromodichloromethane	6.76	83	27767	2.003	ug/l	95
45) 4-Methyl-2-Pentanone	7.46	43	63569	9.367	ug/l	97
46) t-1,4-Dichloro-2-butene	10.52	75	8138m	3.146	ug/l	
47) Methyl methacrylate	6.63	69	18433	3.797	ug/l	96
48) Ethyl methacrylate	8.02	69	15541	1.869	ug/l	91
49) Toluene	7.63	92	44170	2.004	ug/l	99
50) t-1,3-Dichloropropene	7.88	75	22786	1.928	ug/l	98
51) cis-1,3-Dichloropropene	7.27	75	26981	1.930	ug/l	98
52) 1,1,2-Trichloroethane	8.07	97	15151	1.952	ug/l	94
53) 1,3-Dichloropropane	8.24	76	25355	1.924	ug/l	96
54) 2-Hexanone	8.37	43	40316	8.803	ug/l	97
55) Dibromochloromethane	8.48	129	17717	1.926	ug/l	97
56) 1,2-Dibromoethane	8.59	107	14119	1.957	ug/l	98
58) Tetrachloroethene	8.22	164	18185	1.900	ug/l	94
59) Chlorobenzene	9.12	112	47670	1.948	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.20	131	18077	1.971	ug/l	98
61) Pentachloroethane	11.10	117	14417	2.020	ug/l	98
62) Hexachloroethane	12.14	117	13900	2.015	ug/l	96
63) Ethyl Benzene	9.25	91	76924	1.970	ug/l	97
64) m/p-Xylenes	9.37	106	58434	3.930	ug/l	98
65) o-Xylene	9.77	106	28032	1.970	ug/l	99
66) Styrene	9.79	104	46940	1.940	ug/l	99
67) Bromoform	9.95	173	10158	1.913	ug/l	98
69) Isopropylbenzene	10.16	105	73949	1.938	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	19597	1.946	ug/l	100
71) 1,2,3-Trichloropropane	10.49	75	15592m	2.142	ug/l	
72) Bromobenzene	10.45	156	20092	1.990	ug/l	96
73) n-propylbenzene	10.58	120	20132	1.976	ug/l	98
74) 2-Chlorotoluene	10.66	126	19064	2.029	ug/l	95
75) 1,3,5-Trimethylbenzene	10.77	105	62043	1.921	ug/l	99
76) 4-Chlorotoluene	10.77	126	18996	2.007	ug/l	97
77) tert-Butylbenzene	11.10	119	62801	1.988	ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	63748	1.958	ug/l	100
79) sec-Butylbenzene	11.32	105	87055	2.048	ug/l	99
80) Nitrobenzene	12.88	77	1709m	8.670	ug/l	
81) p-Isopropyltoluene	11.47	119	68965	2.020	ug/l	100
82) 1,3-Dichlorobenzene	11.41	146	40167	2.015	ug/l	97
83) 1,4-Dichlorobenzene	11.51	146	39950	2.069	ug/l	98
84) n-Butylbenzene	11.89	91	65051	1.972	ug/l	98
85) 1,2-Dichlorobenzene	11.88	146	38574	2.063	ug/l	97
86) 1,2-Dibromo-3-Chloropropan	12.65	75	2888	1.993	ug/l	98
87) 1,2,4-Trichlorobenzene	13.50	180	22701	1.987	ug/l	96
88) Hexachlorobutadiene	13.69	225	16204	2.123	ug/l	98
89) Naphthalene	13.74	128	35043	1.936	ug/l	97
90) 1,2,3-Trichlorobenzene	13.98	180	22682	1.983	ug/l	99

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

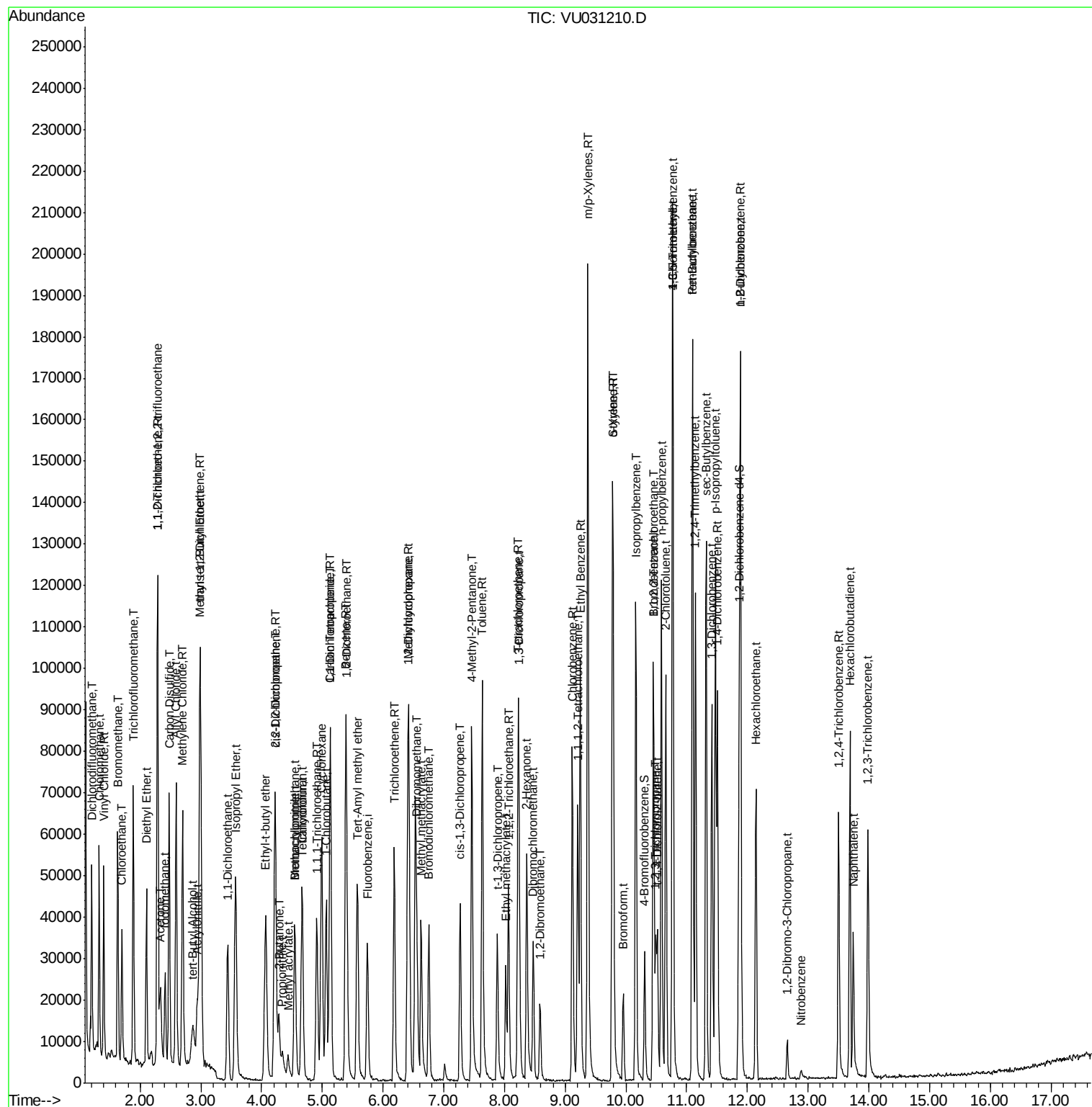
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU041619\
 Data File : VU031210.D
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 Operator : JC/SP
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 ALS Vial : 8 Sample Multiplier: 1

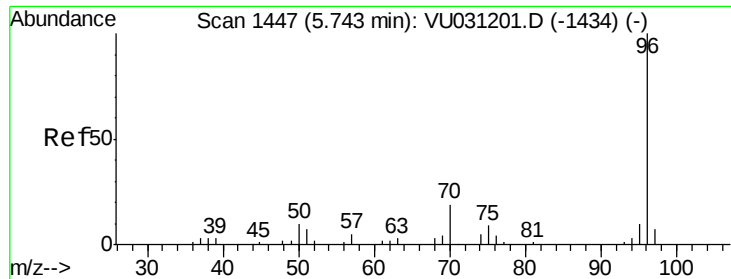
Instrument :
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 ClientSampleId :
 VU0416WBSD01

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#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 5.74 min Scan# 1447

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

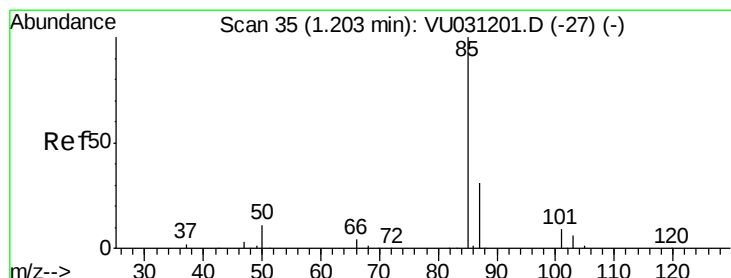
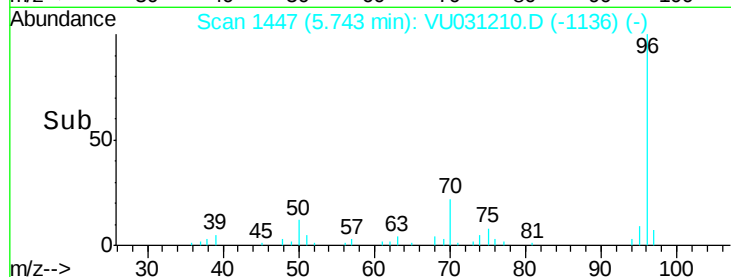
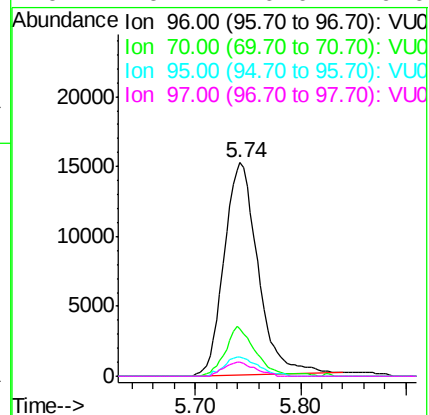
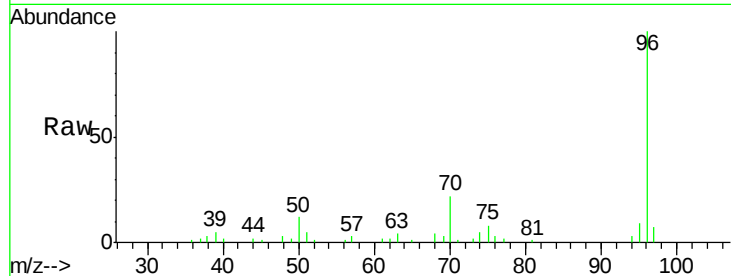
VU0416WBSD01

Tot Ion: 96 Resp: 33850

Ion	Ratio	Lower	Upper
96	100		
70	21.3	18.4	27.6
95	9.1	7.6	11.4
97	6.1	0.0	0.0#

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 1.817 ug/l

RT: 1.20 min Scan# 35

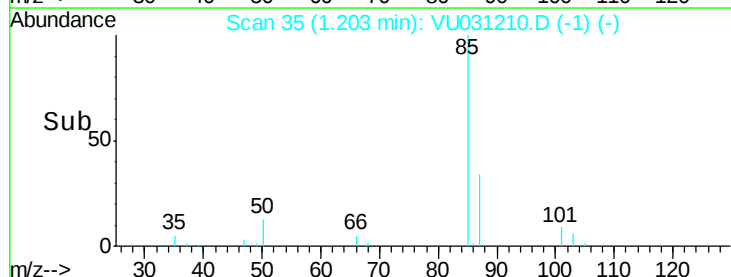
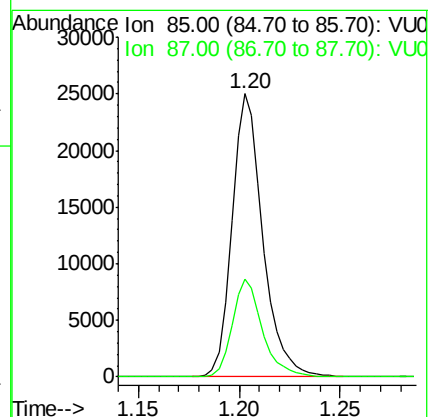
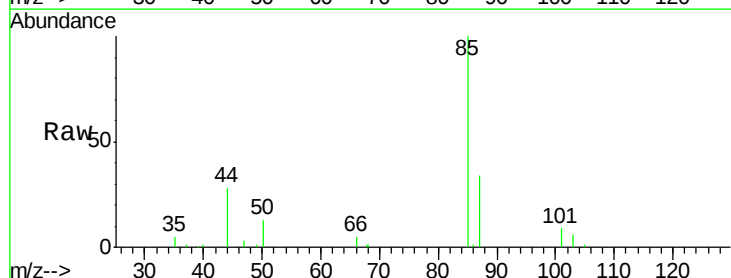
Delta R.T. 0.00 min

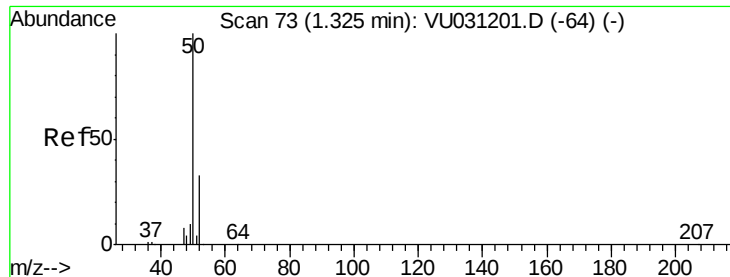
Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Tgt Ion: 85 Resp: 26604

Ion	Ratio	Lower	Upper
85	100		
87	34.4	15.8	47.3





#3

Chloromethane

Concen: 2.030 ug/l

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion: 50 Resp: 31361

Ion Ratio Lower Upper

50 100

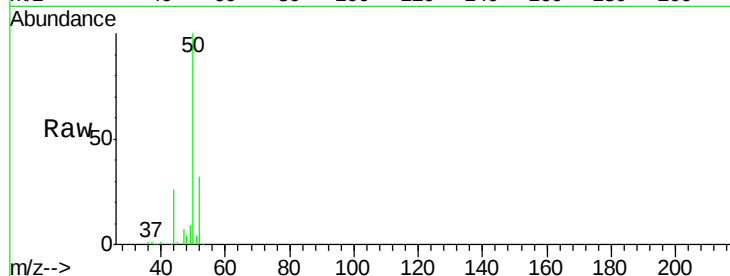
52 31.8 26.2 39.2

Manual Integrations

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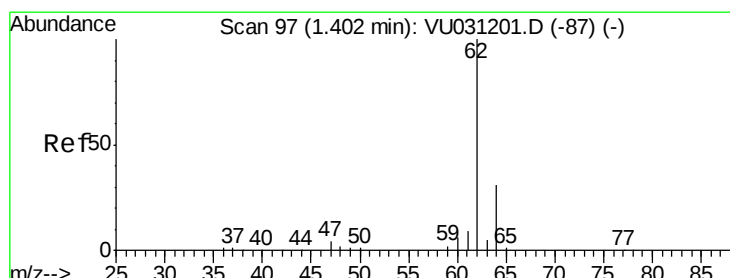
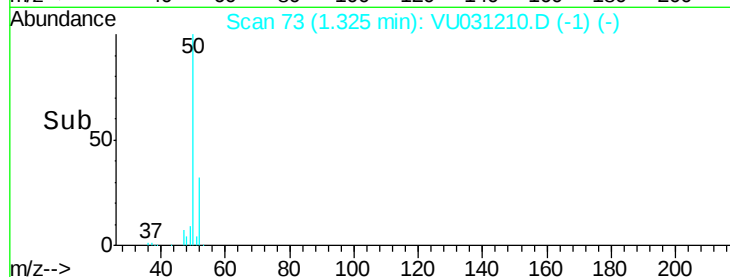
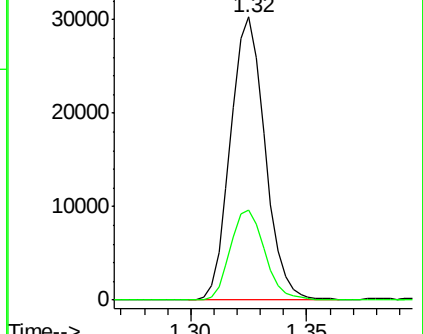
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Abundance Ion 50.00 (49.70 to 50.70): VU031210.D (-64) (-)

Ion 52.00 (51.70 to 52.70): VU031210.D (-64) (-)



#4

Vinyl Chloride

Concen: 2.020 ug/l

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU031210.D

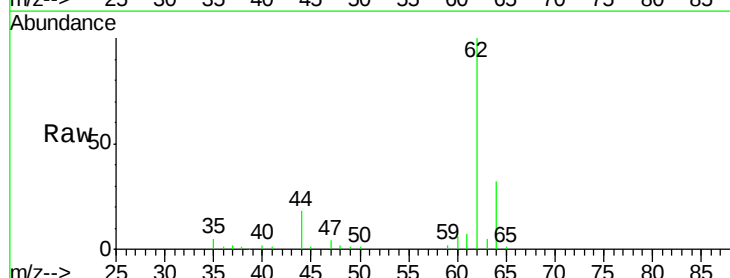
Acq: 16 Apr 2019 13:05

Tgt Ion: 62 Resp: 30479

Ion Ratio Lower Upper

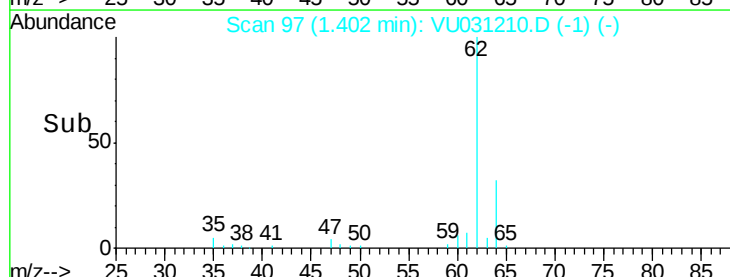
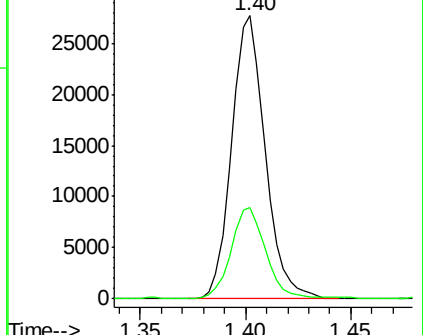
62 100

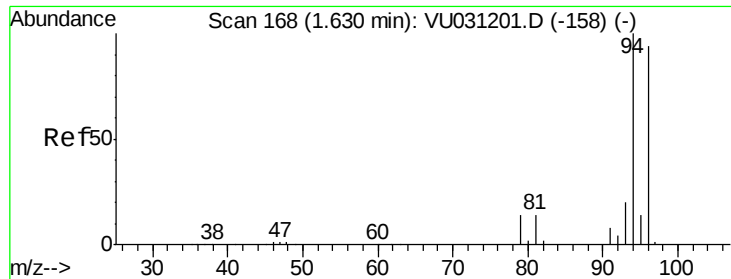
64 32.5 25.0 37.6



Abundance Ion 62.00 (61.70 to 62.70): VU031210.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU031210.D (-87) (-)





#5

Bromomethane

Concen: 2.671 ug/l

RT: 1.63 min Scan# 168

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion: 94 Resp: 23613

Ion Ratio Lower Upper

94 100

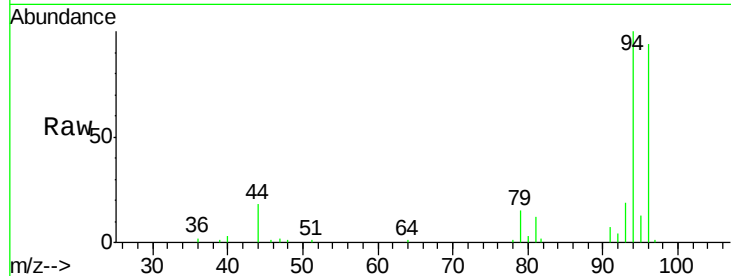
96 93.6 75.0 112.6

Manual Integrations

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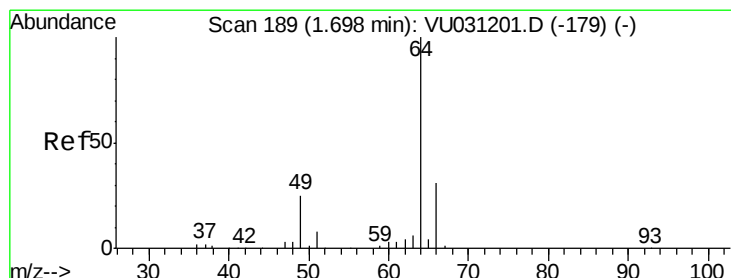
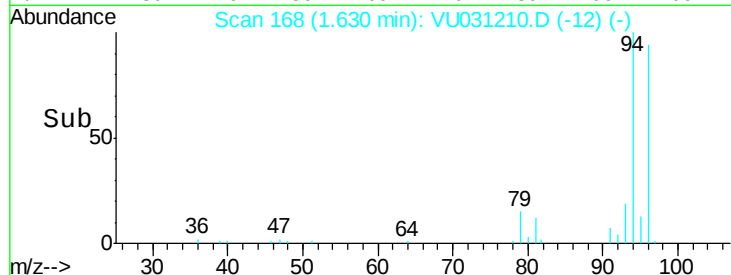
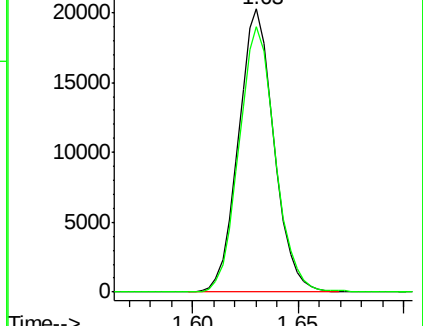
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Abundance Ion 94.00 (93.70 to 94.70): VU031210.D (-158) (-)

Ion 96.00 (95.70 to 96.70): VU031210.D (-158) (-)



#6

Chloroethane

Concen: 1.893 ug/l

RT: 1.70 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU031210.D

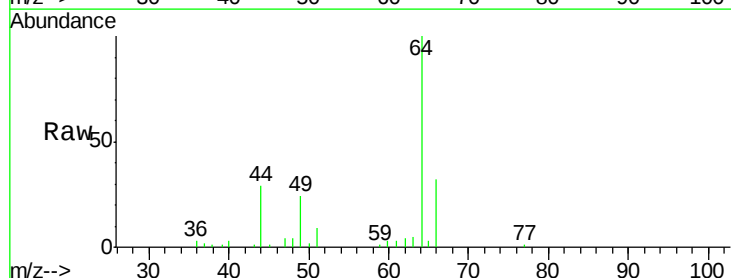
Acq: 16 Apr 2019 13:05

Tgt Ion: 64 Resp: 19723

Ion Ratio Lower Upper

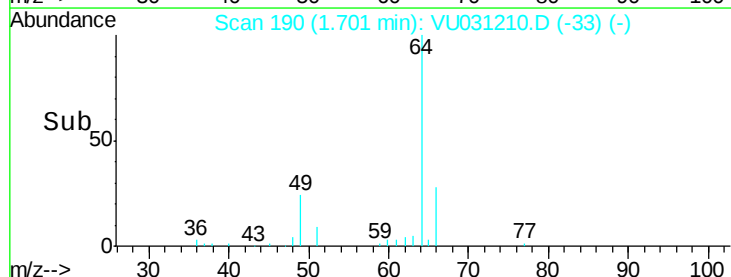
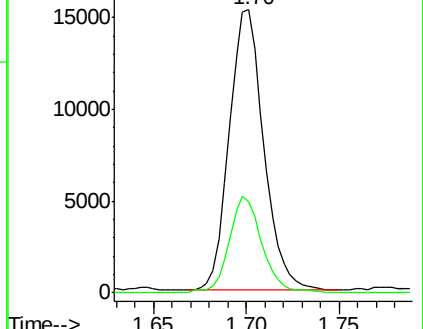
64 100

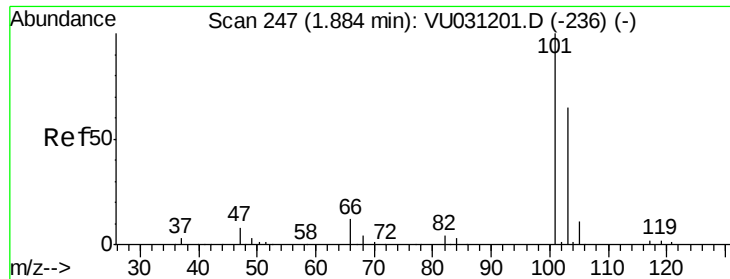
66 32.6 25.1 37.7



Abundance Ion 64.00 (63.70 to 64.70): VU031210.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU031210.D (-179) (-)





#7

Trichlorofluoromethane

Concen: 1.901 ug/l

RT: 1.89 min Scan# 248

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion:101 Resp: 41834

Ion Ratio Lower Upper

101 100

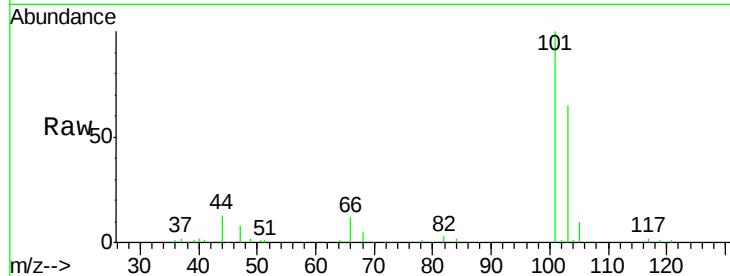
103 65.1 51.8 77.8

Manual Integrations

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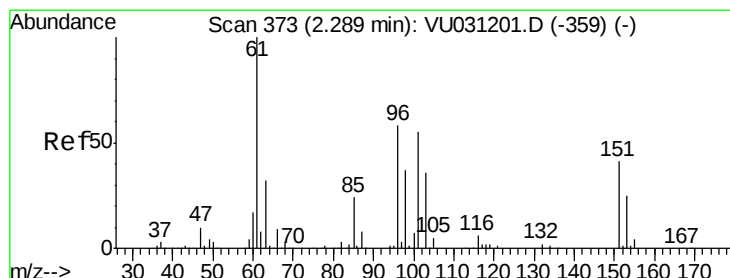
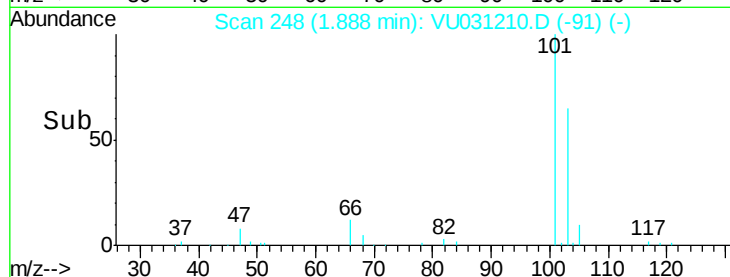
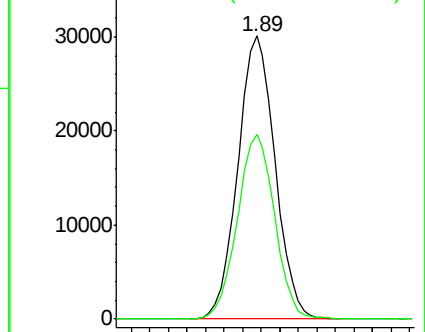
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Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

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

Concen: 1.956 ug/l

RT: 2.29 min Scan# 373

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

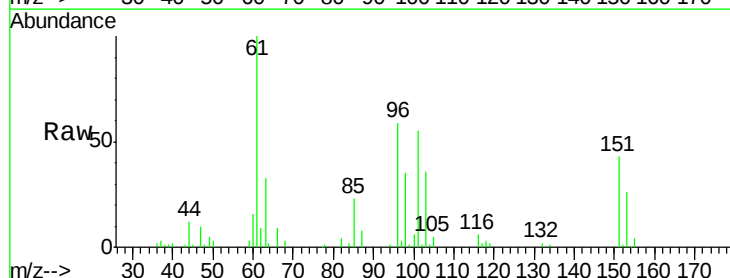
Tgt Ion:101 Resp: 21428

Ion Ratio Lower Upper

101 100

85 43.3 36.1 54.1

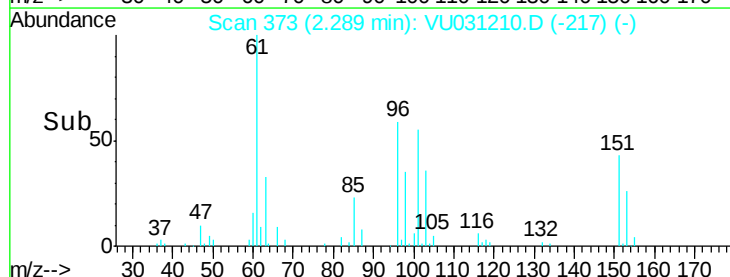
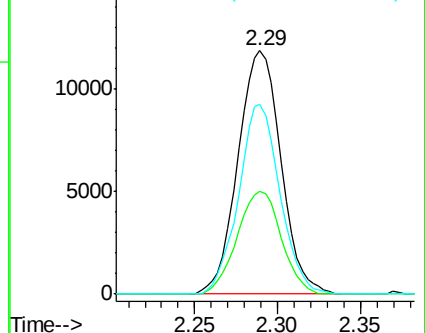
151 74.9 58.2 87.2

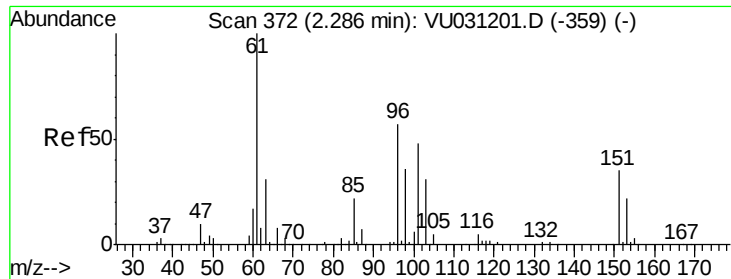


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V





#9

1,1-Dichloroethene

Concen: 2.008 ug/l

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

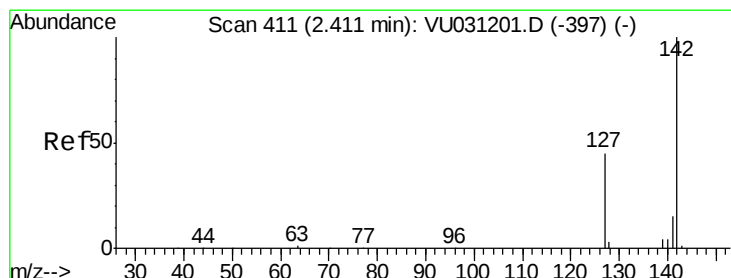
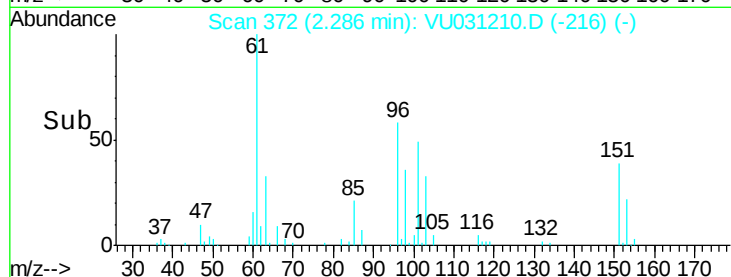
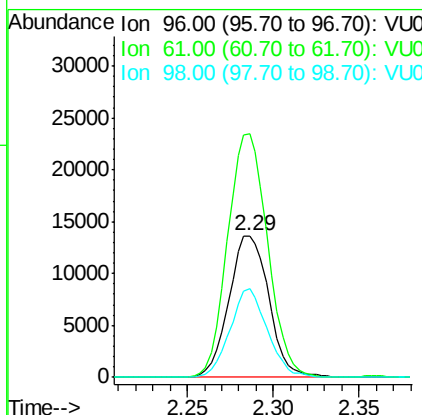
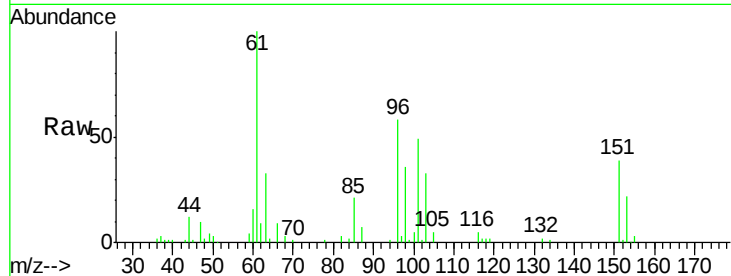
ClientSampleId :

VU0416WBSD01

Tot Ion:	96	Resp:	21980
Ion	Ratio	Lower	Upper
96	100		
61	171.8	0.0	527.7
98	62.6	0.0	127.6

Manual Integrations
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#10

Iodomethane

Concen: 1.304 ug/l

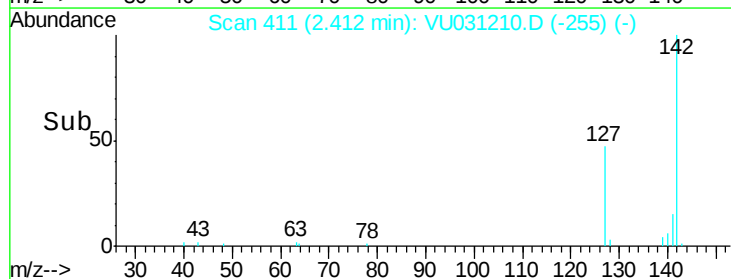
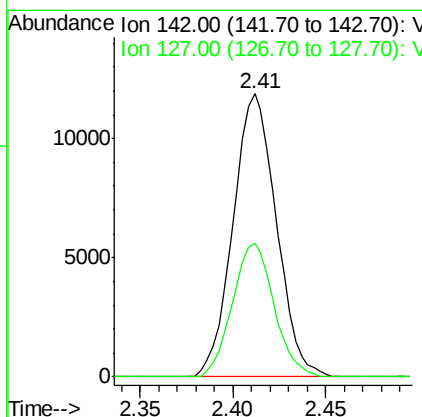
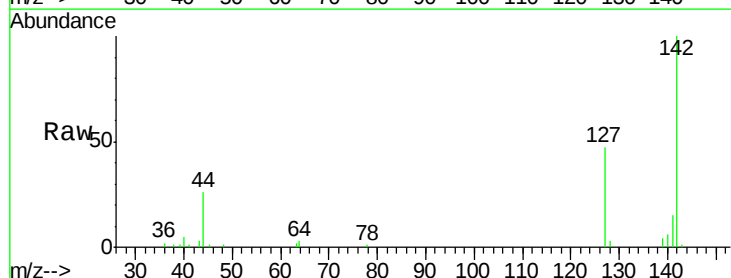
RT: 2.41 min Scan# 411

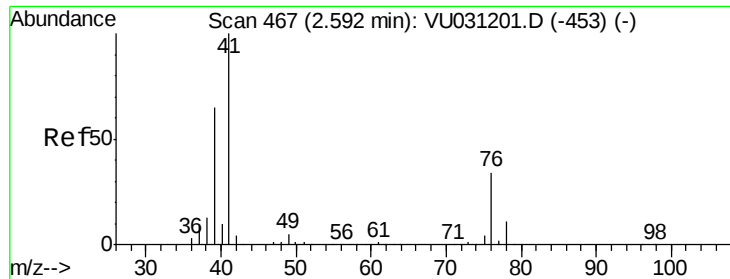
Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Tgt Ion:	142	Resp:	19271
Ion	Ratio	Lower	Upper
142	100		
127	45.3	35.9	53.9





#11

Allvl Chloride

Concen: 2.045 ug/l

RT: 2.59 min Scan# 467

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion: 41 Resp: 43935

Ion Ratio Lower Upper

41 100

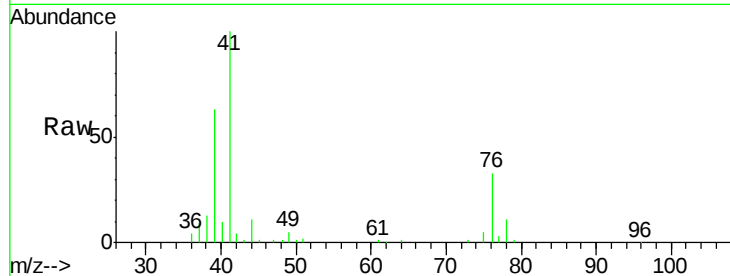
39 64.0 51.9 77.9

Manual Integrations

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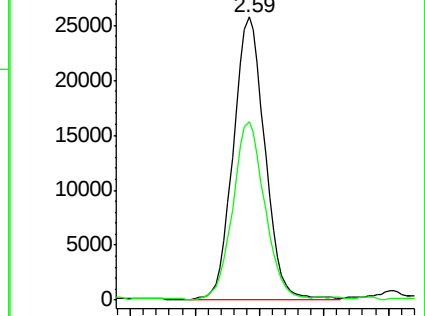
MMDadoda

4/17/2019 9:15:21 AM

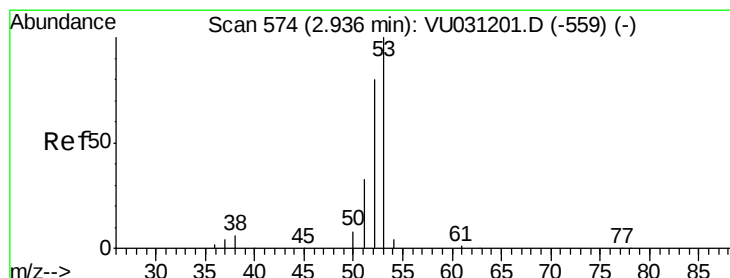
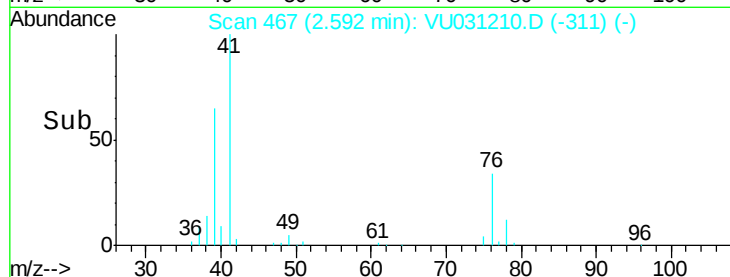


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



Time-->



#12

Acrylonitrile

Concen: 4.122 ug/l

RT: 2.94 min Scan# 575

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

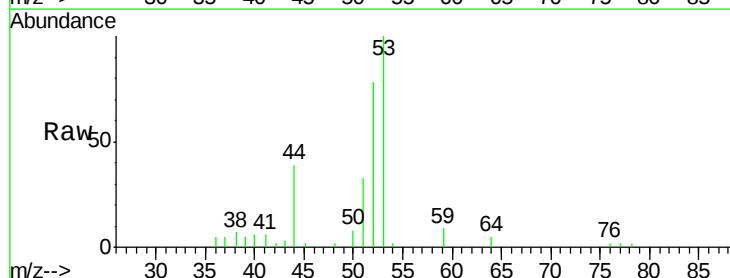
Tgt Ion: 53 Resp: 13196

Ion Ratio Lower Upper

53 100

52 85.2 67.8 101.8

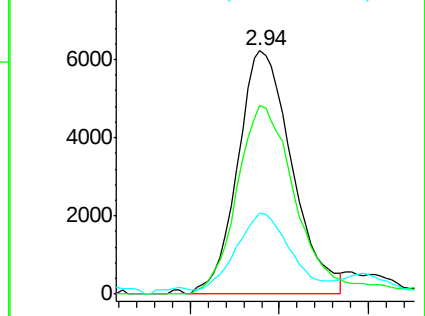
51 32.6 26.9 40.3



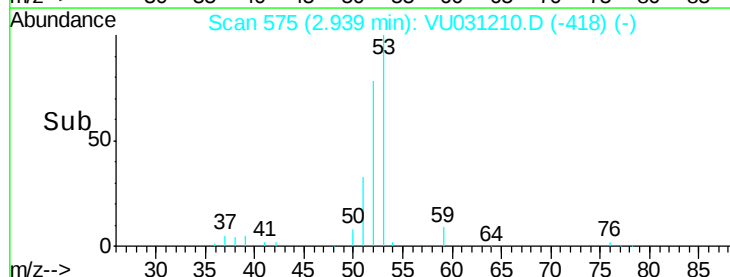
Abundance Ion 53.00 (52.70 to 53.70): VU0

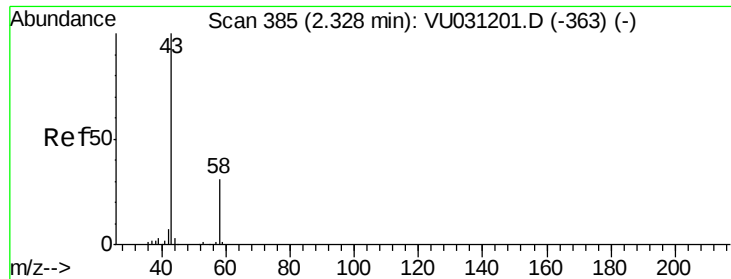
Ion 52.00 (51.70 to 52.70): VU0

Ion 51.00 (50.70 to 51.70): VU0



Time-->





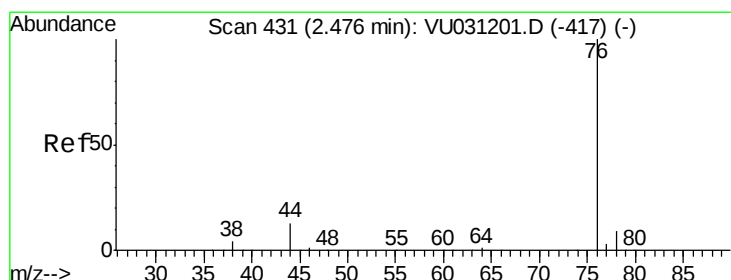
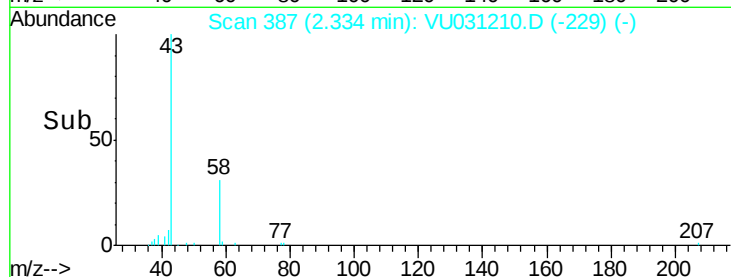
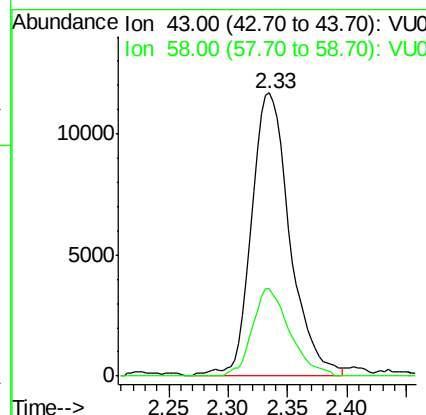
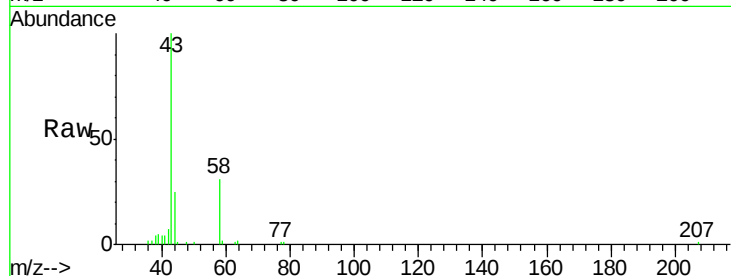
#13
Acetone
Concen: 9.968 ug/l
RT: 2.33 min Scan# 387
Delta R.T. 0.01 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Tot Ion: 43 Resp: 26199
Ion Ratio Lower Upper
43 100
58 30.8 24.7 37.1

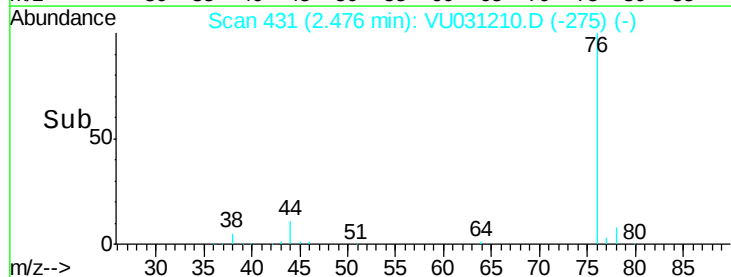
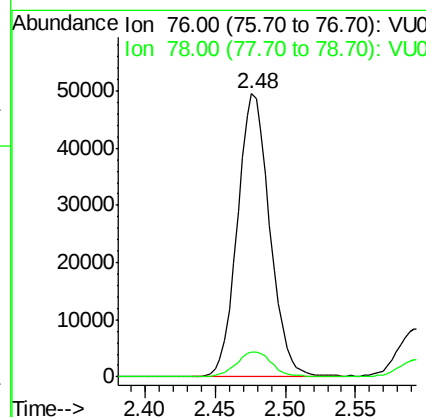
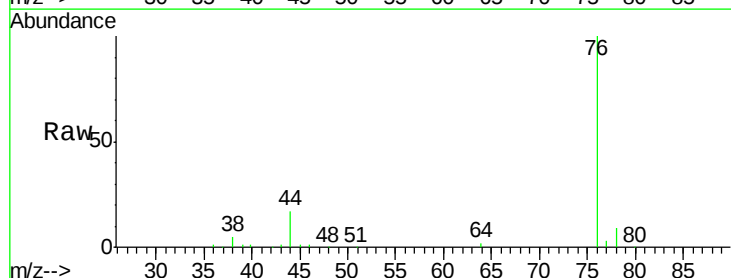
Manual Integrations
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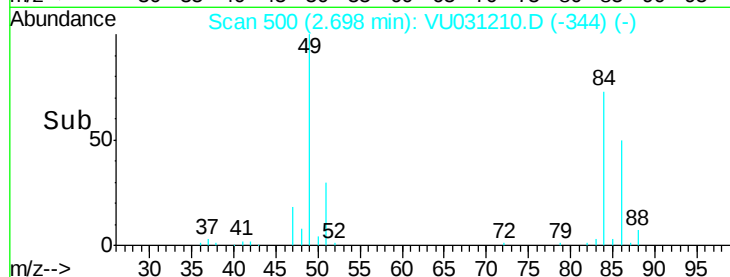
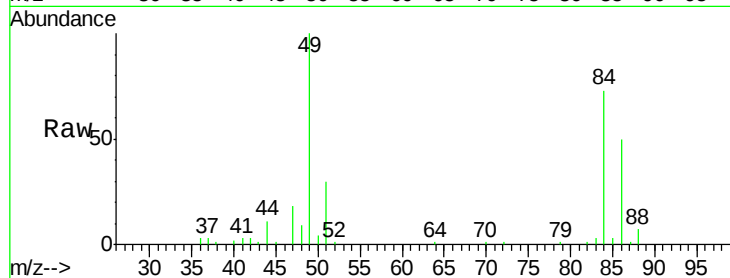
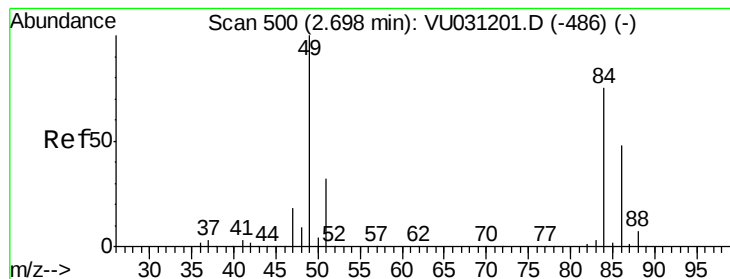
MMDadoda
4/17/2019 9:15:21 AM



#14
Carbon Disulfide
Concen: 1.975 ug/l
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion: 76 Resp: 79837
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8





#15

Methylene Chloride

Concen: 1.830 ug/l

RT: 2.70 min Scan# 500

Delta R.T. 0.00 min

Lab File: VU031210.D

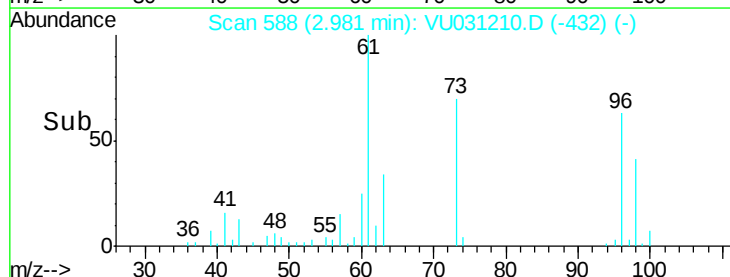
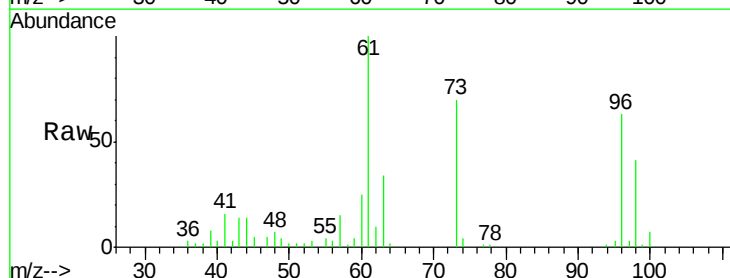
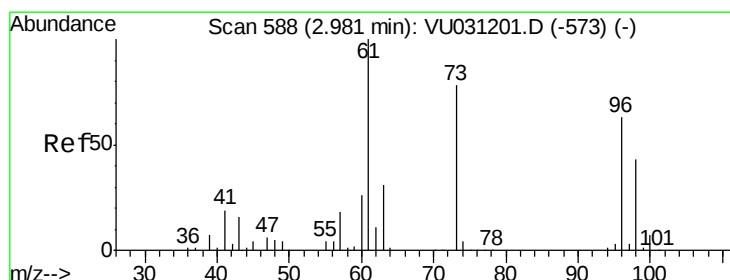
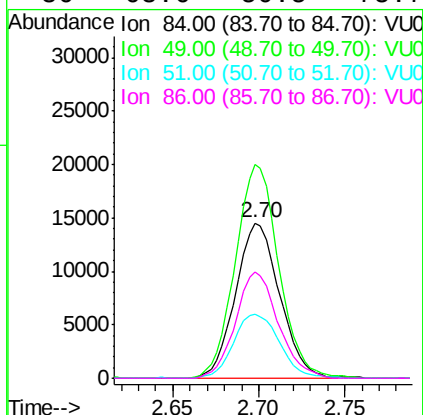
Acq: 16 Apr 2019 13:05

Tot Ion:	84	Resp:	25822
Ion	Ratio	Lower	Upper
84	100		
49	137.9	106.1	159.1
51	41.6	0.0	84.2
86	68.6	50.5	75.7

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Manual Integrations
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4/17/2019 9:15:21 AM



#16

trans-1,2-Dichloroethene

Concen: 1.990 ug/l

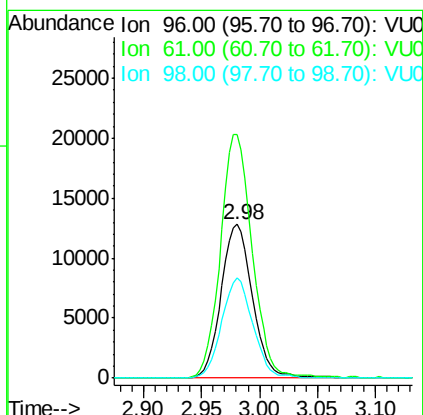
RT: 2.98 min Scan# 588

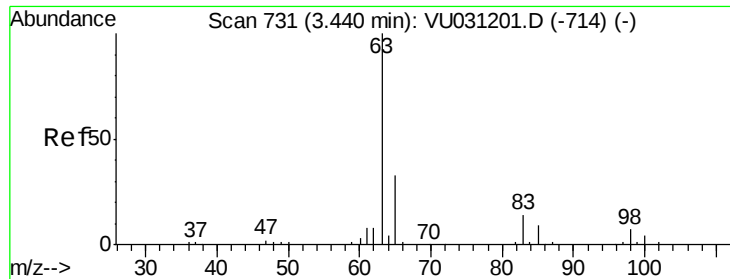
Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Tgt Ion:	96	Resp:	24034
Ion	Ratio	Lower	Upper
96	100		
61	157.9	126.6	189.8
98	64.9	53.9	80.9





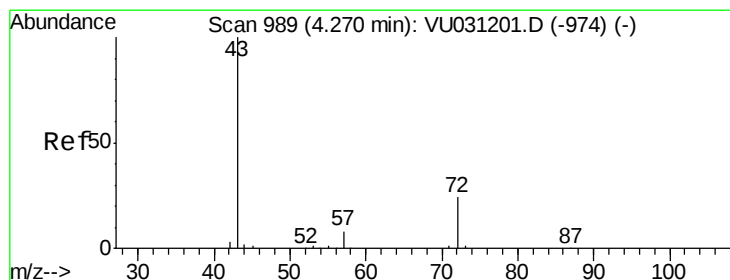
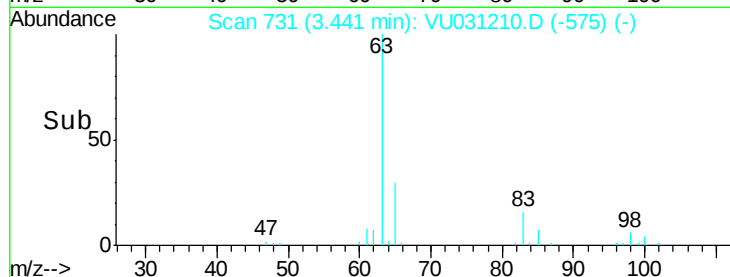
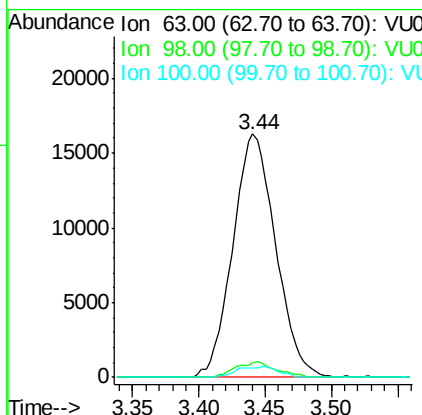
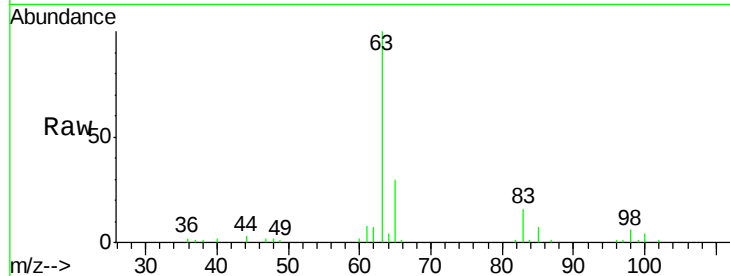
#17
 1,1-Dichloroethane
 Concen: 1.907 ug/l
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.3	9.8
100	3.7	2.0	5.8

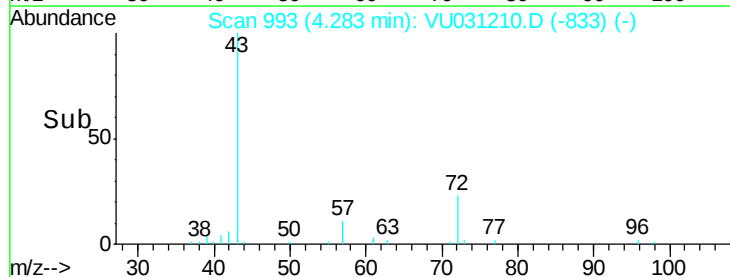
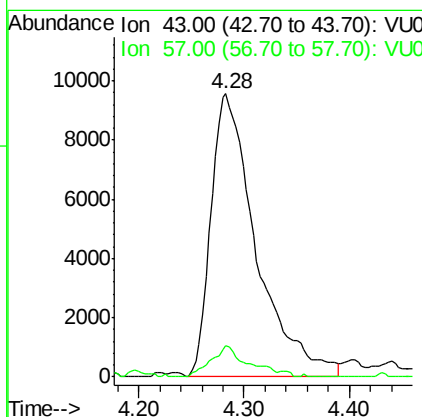
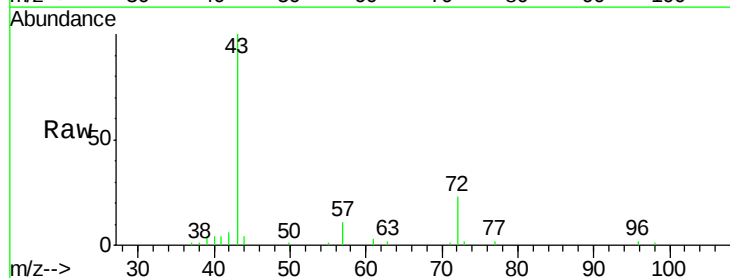
Manual Integrations
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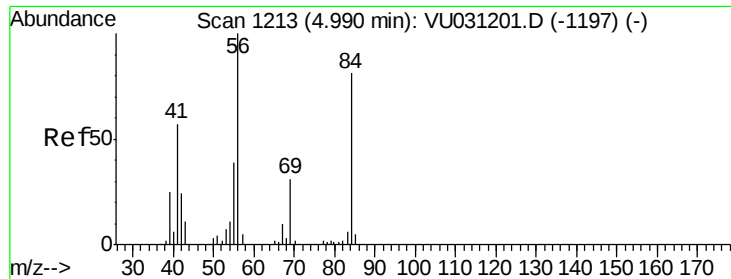
MMDadoda
 4/17/2019 9:15:21 AM



#18
 2-Butanone
 Concen: 9.613 ug/l
 RT: 4.28 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
43	100		
57	11.2	0.0	16.2





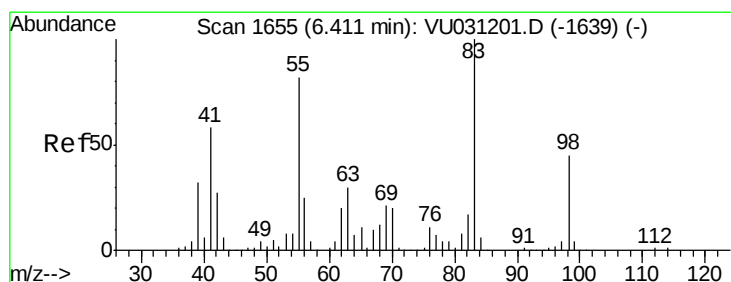
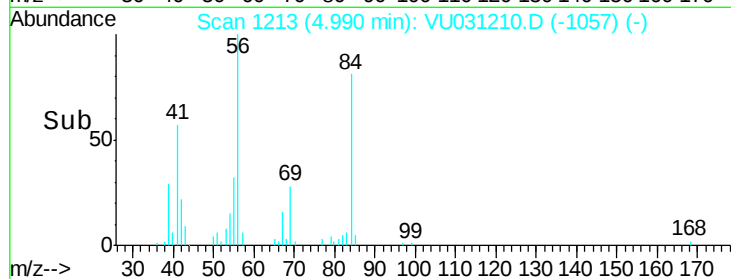
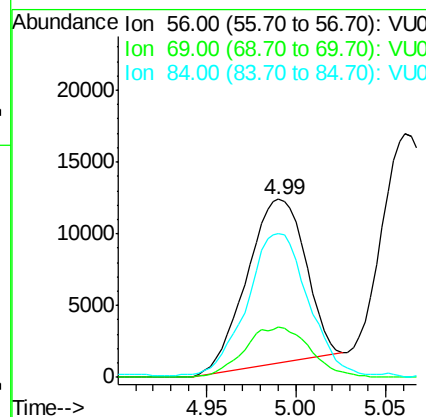
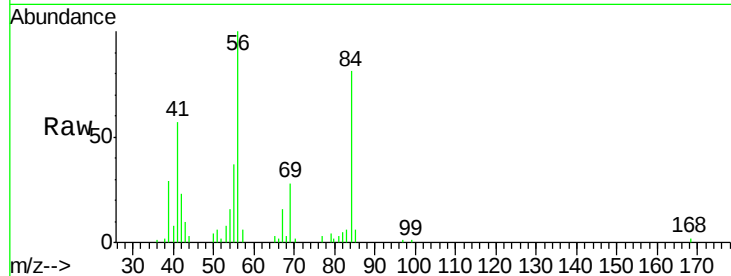
#19
Cyclohexane
Concen: 1.964 ug/l
RT: 4.99 min Scan# 1213
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.9	28.3	42.5
84	88.5	75.2	112.8

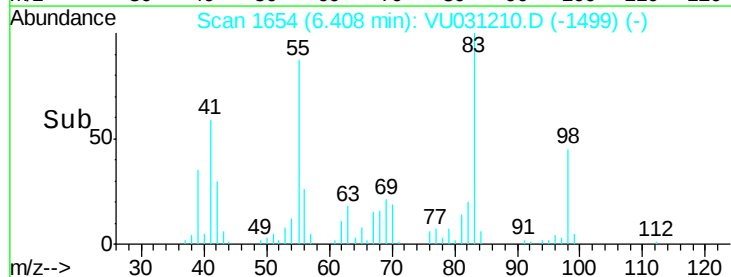
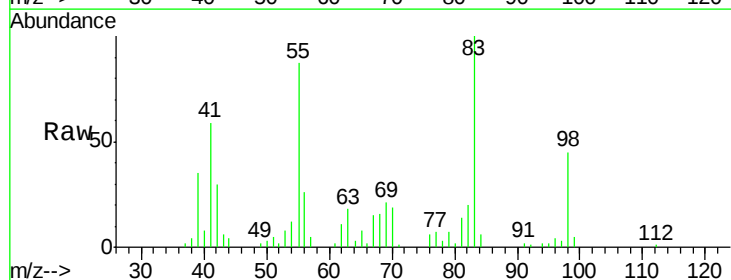
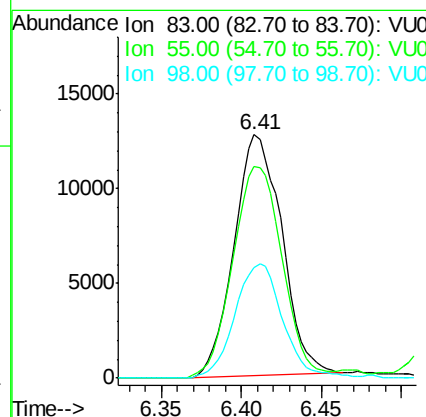
Manual Integrations
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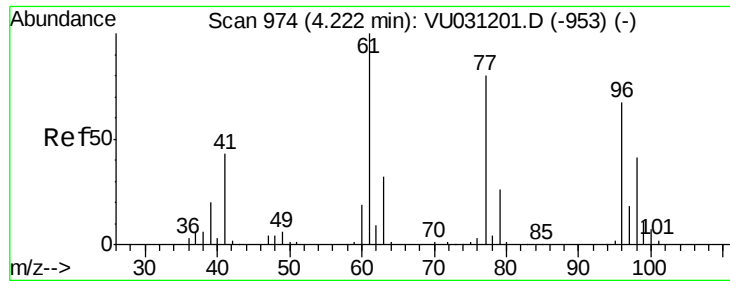
MMDadoda
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#20
Methylcyclohexane
Concen: 1.909 ug/l
RT: 6.41 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
83	100		
55	87.5	68.2	102.2
98	46.3	35.8	53.8





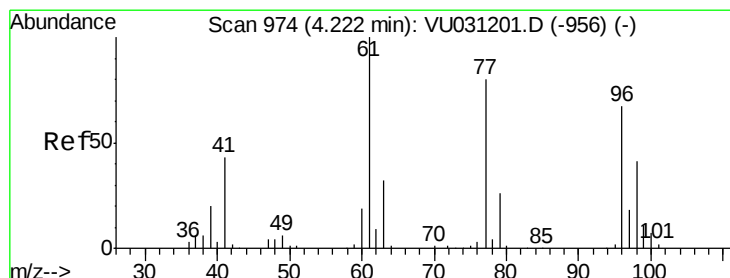
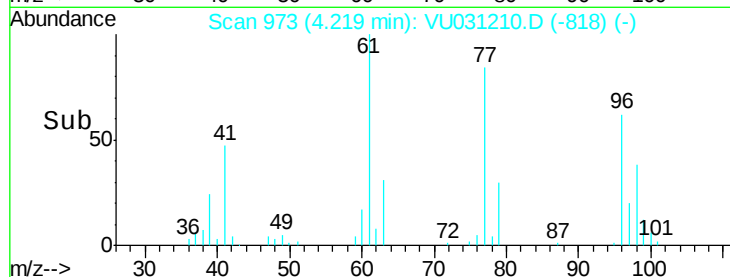
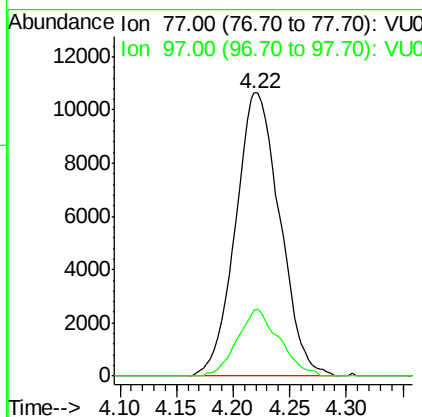
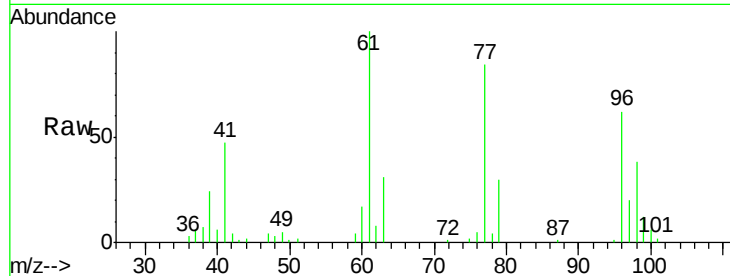
#21
 2,2-Dichloropropane
 Concen: 1.957 ug/l
 RT: 4.22 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Tot Ion: 77 Resp: 29020
 Ion Ratio Lower Upper
 77 100
 97 22.3 18.2 27.2

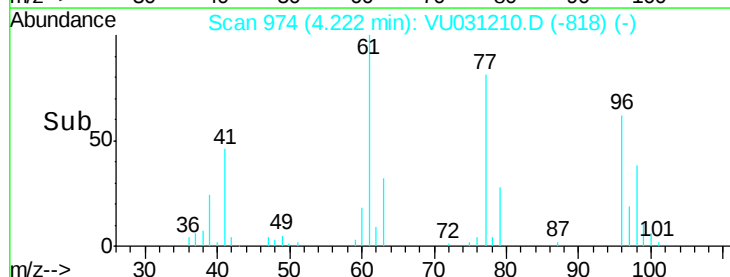
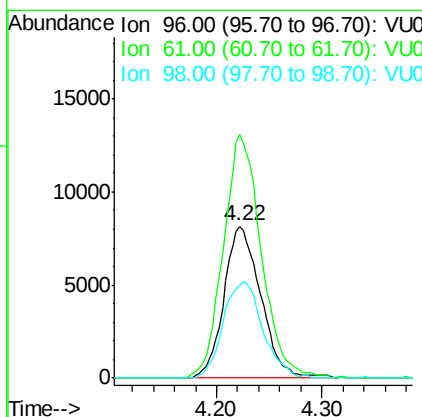
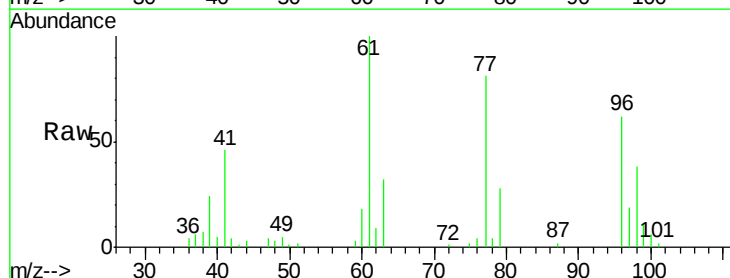
Manual Integrations
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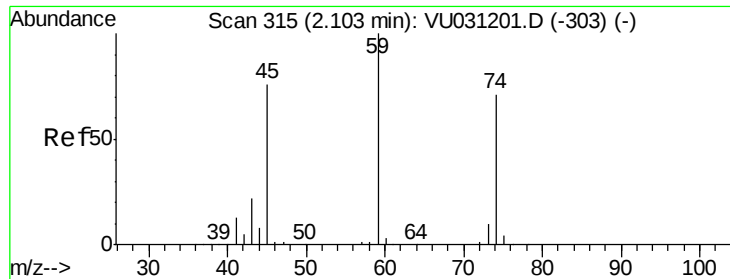
MMDadoda
 4/17/2019 9:15:21 AM



#22
 cis-1,2-Dichloroethene
 Concen: 1.873 ug/l
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion: 96 Resp: 19726
 Ion Ratio Lower Upper
 96 100
 61 165.3 0.0 380.0
 98 68.1 32.3 96.9





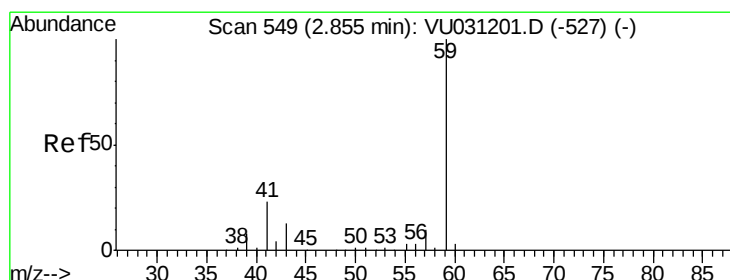
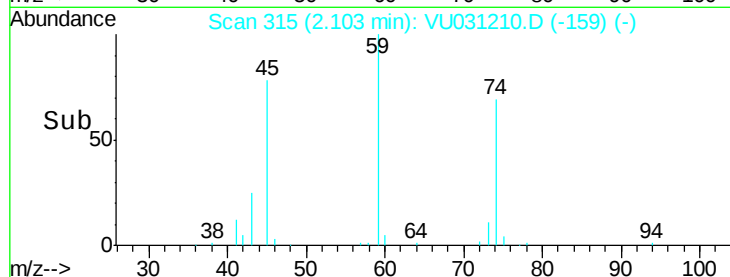
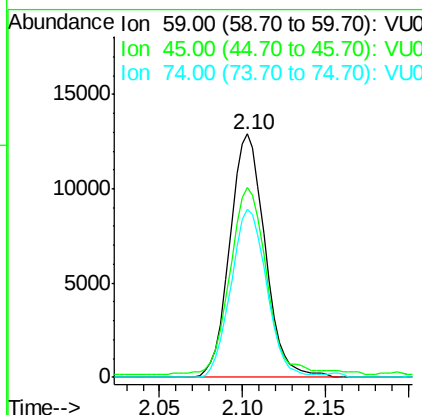
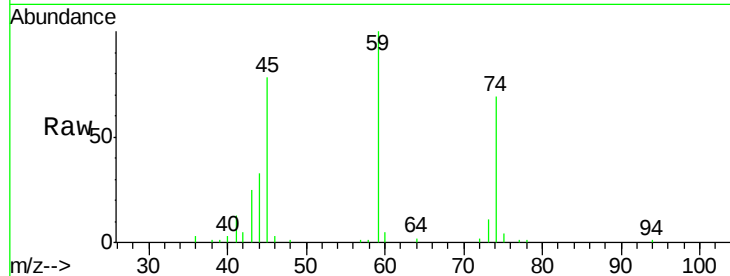
#23
Diethyl Ether
Concen: 1.867 ug/l
RT: 2.10 min Scan# 315
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
45	80.1	61.8	92.6
74	69.7	55.8	83.8

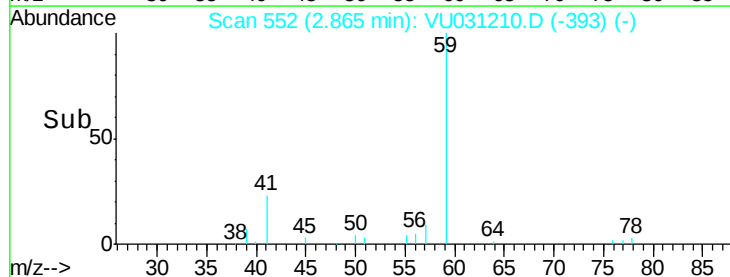
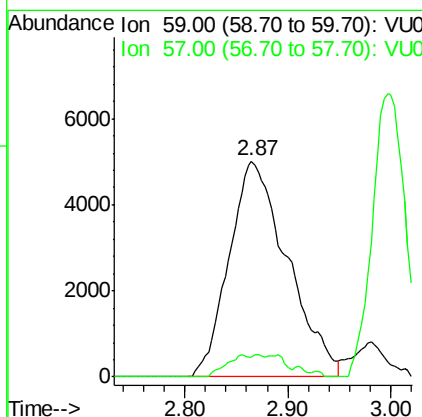
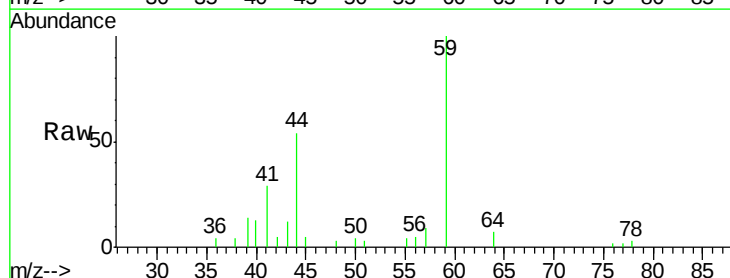
Manual Integrations
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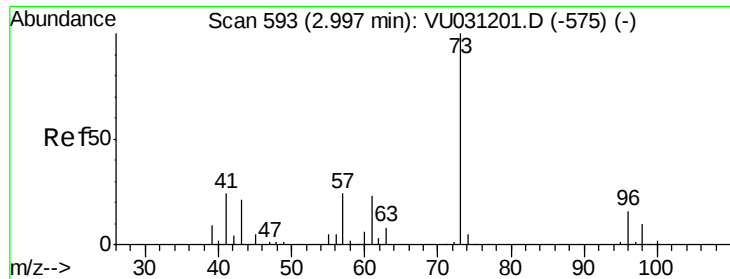
MMDadoda
4/17/2019 9:15:21 AM



#24
tert-Butyl Alcohol
Concen: 18.089 ug/l
RT: 2.87 min Scan# 552
Delta R.T. 0.01 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
59	100		
57	4.0	8.4	12.6





#25

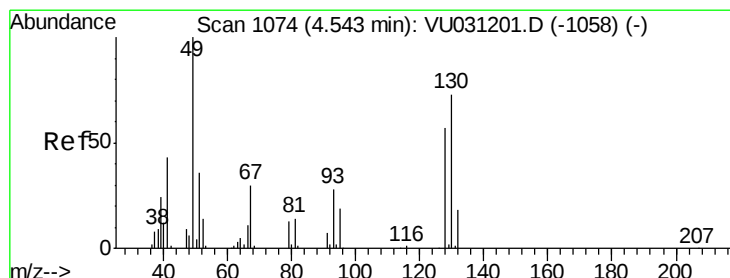
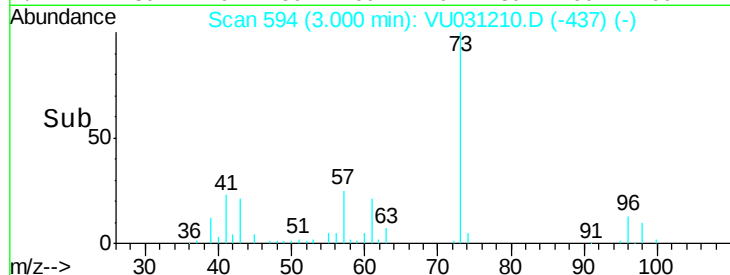
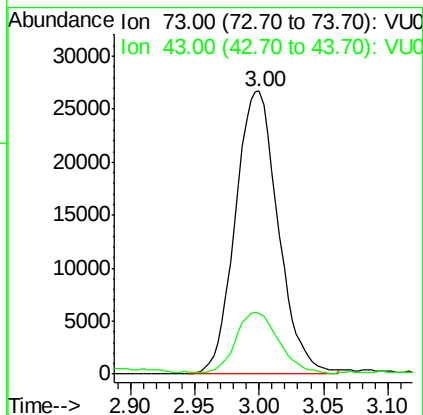
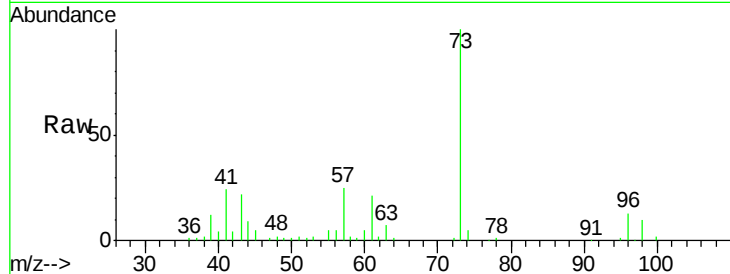
Methvl tert-Butvl Ether
 Concen: 1.937 ug/l
 RT: 3.00 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Tot Ion: 73 Resp: 61806
 Ion Ratio Lower Upper
 73 100
 43 22.3 16.2 24.4

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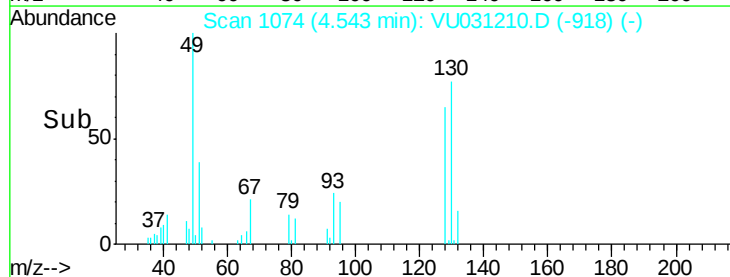
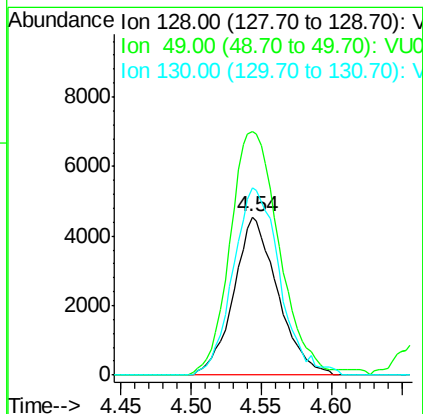
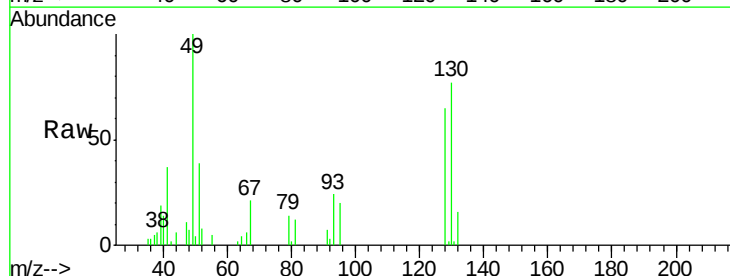
MMDadoda
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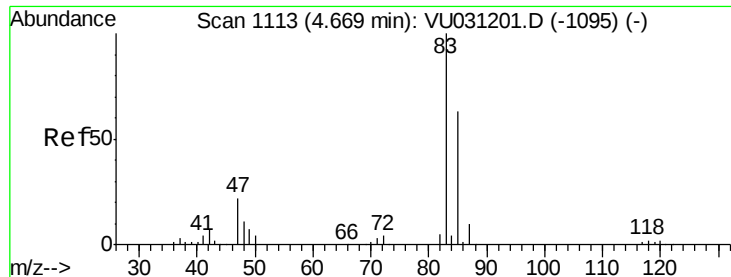


#26

Bromochloromethane
 Concen: 2.063 ug/l
 RT: 4.54 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion: 128 Resp: 9906
 Ion Ratio Lower Upper
 128 100
 49 171.9 0.0 345.8
 130 126.0 103.4 155.2





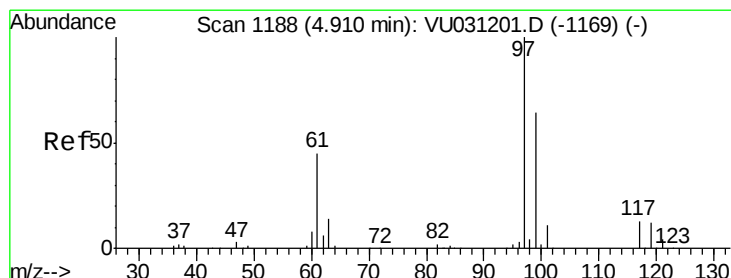
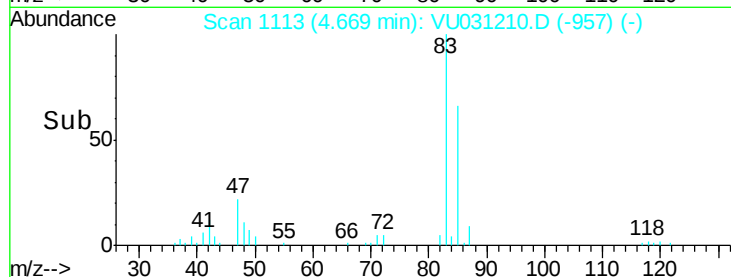
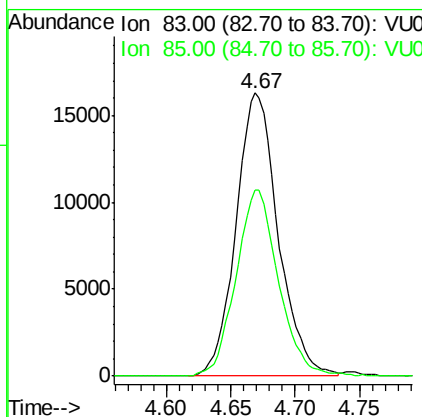
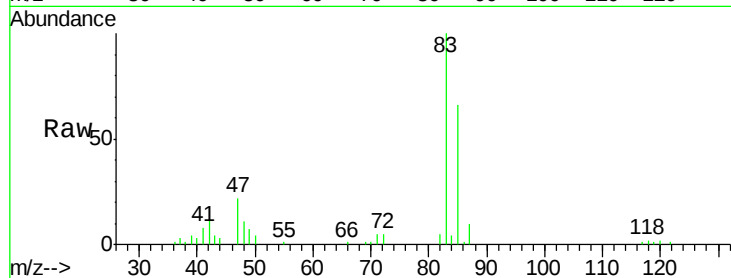
#27
Chloroform
Concen: 1.958 ug/l
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Tot Ion	83	Resp	37053
Ion Ratio	100	Lower	Upper
83	100		
85	65.9	0.0	126.6

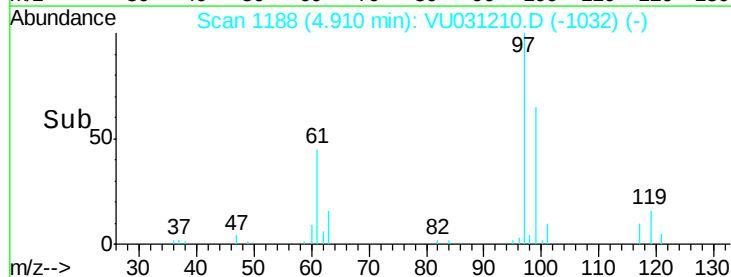
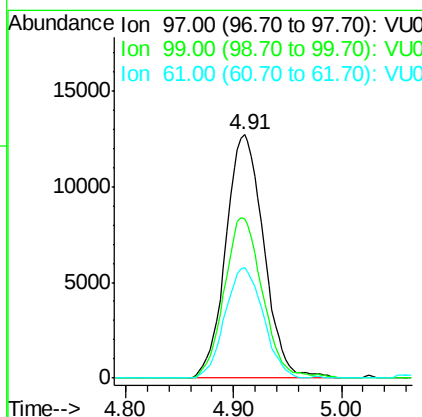
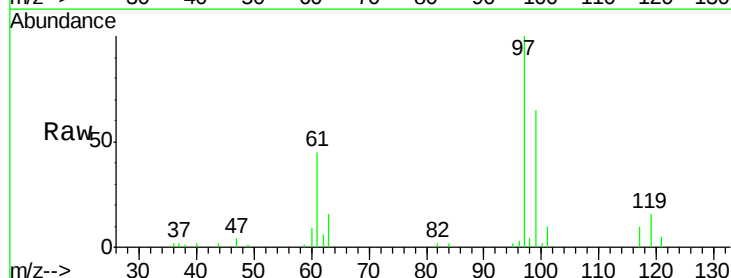
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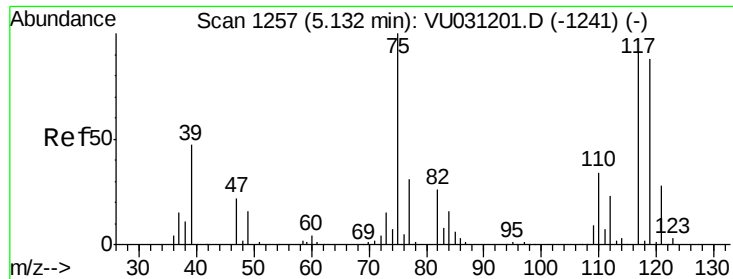
MMDadoda
4/17/2019 9:15:21 AM



#28
1,1,1-Trichloroethane
Concen: 1.936 ug/l
RT: 4.91 min Scan# 1188
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion	97	Resp	31145
Ion Ratio	100	Lower	Upper
97	100		
99	65.7	32.0	96.0
61	45.6	22.2	66.6





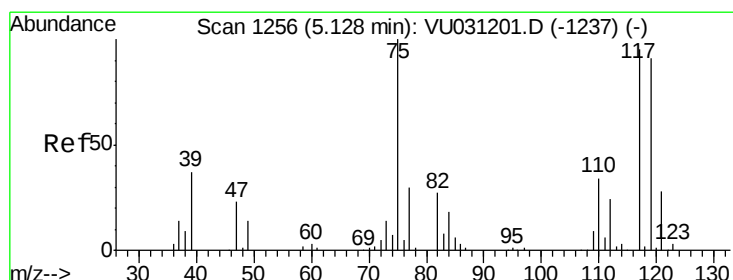
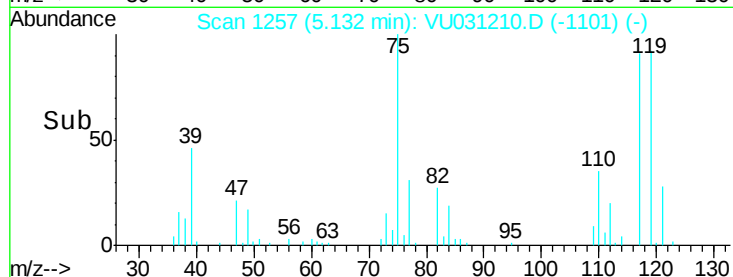
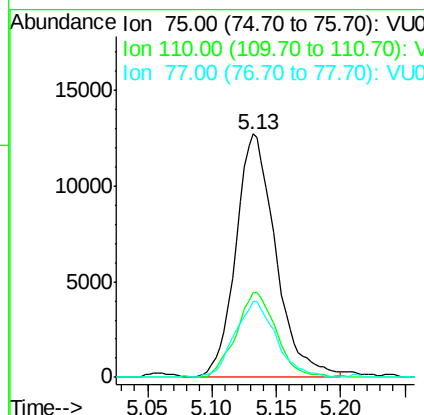
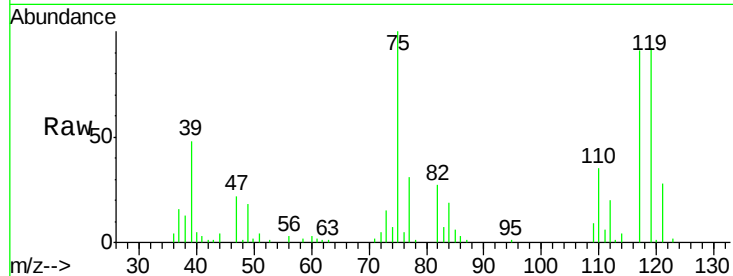
#29
 1,1-Dichloropropene
 Concen: 2.036 ug/l
 RT: 5.13 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.7	17.2	51.5
77	32.2	24.9	37.3

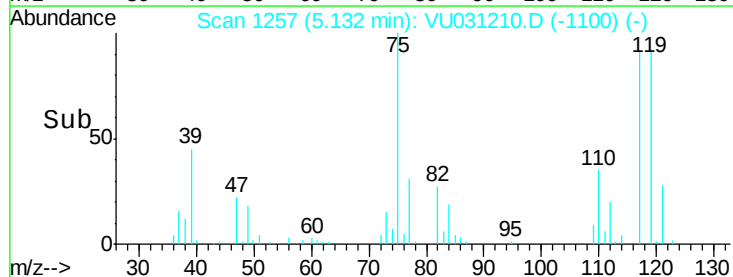
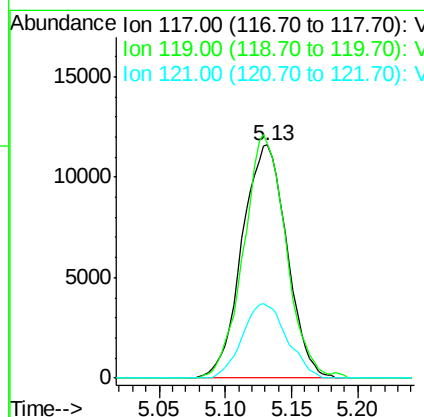
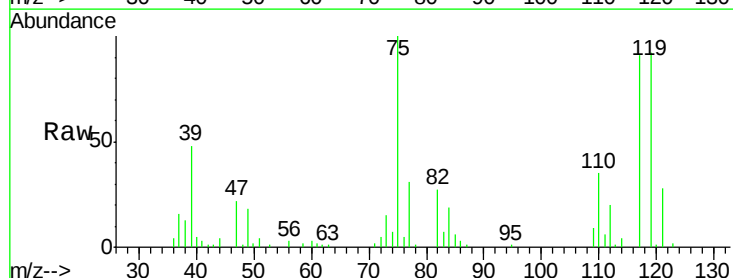
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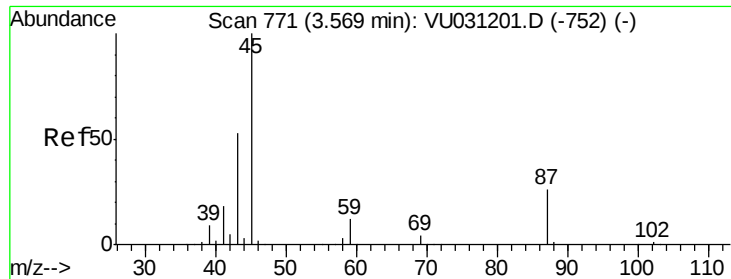
MMDadoda
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#30
 Carbon Tetrachloride
 Concen: 1.919 ug/l
 RT: 5.13 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.5	76.2	114.4
121	30.7	23.8	35.8





#31

Isopropyl Ether

Concen: 1.829 ug/l

RT: 3.57 min Scan# 772

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion: 45 Resp: 51303

Ion Ratio Lower Upper

45 100

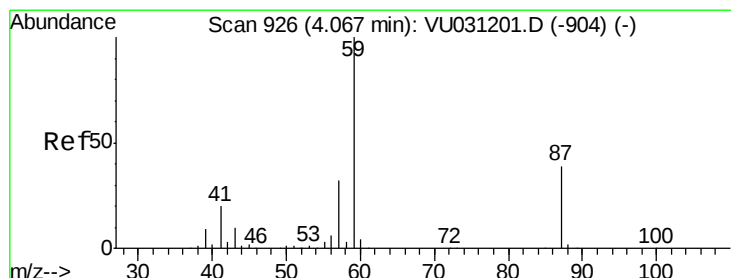
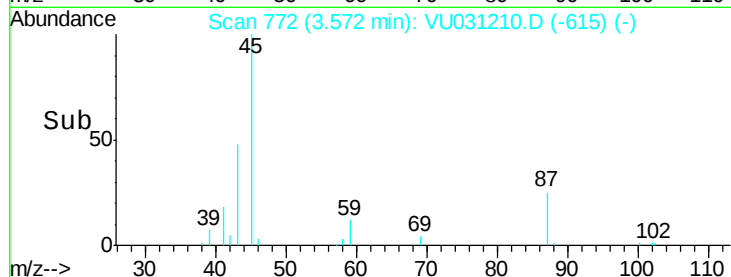
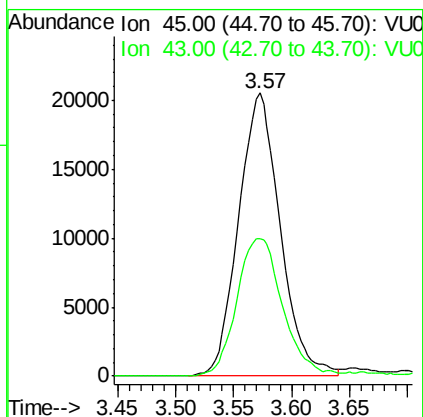
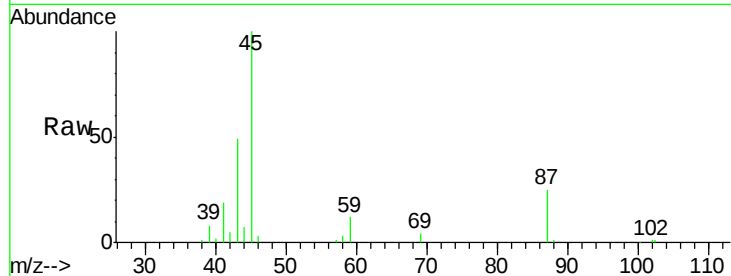
43 53.3 26.4 79.2

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#32

Ethyl-t-butyl ether

Concen: 1.851 ug/l

RT: 4.07 min Scan# 926

Delta R.T. 0.00 min

Lab File: VU031210.D

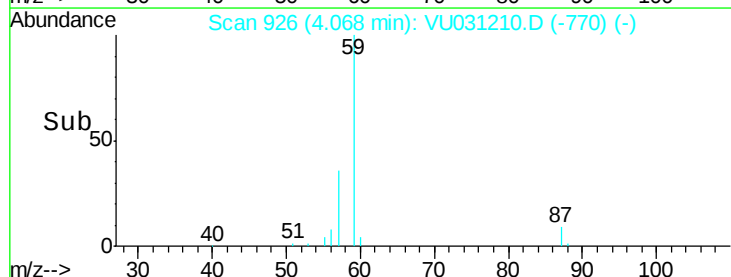
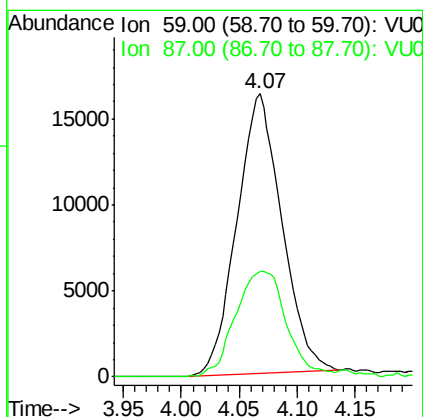
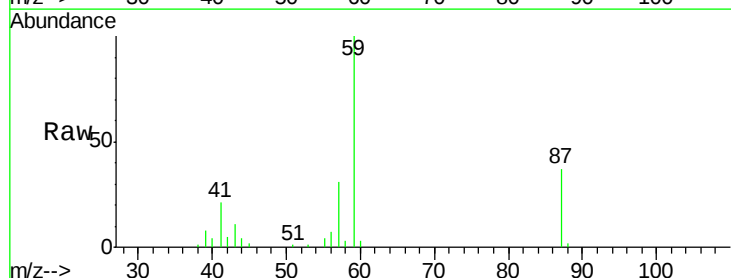
Acq: 16 Apr 2019 13:05

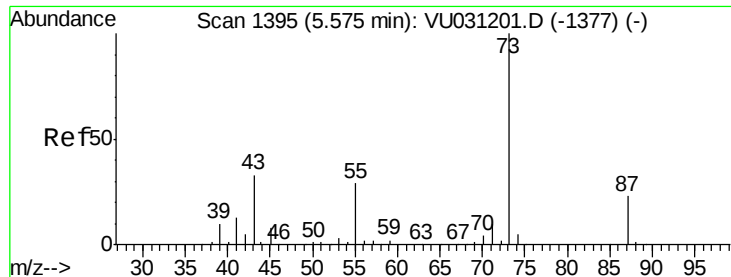
Tgt Ion: 59 Resp: 44023

Ion Ratio Lower Upper

59 100

87 40.3 32.2 48.2





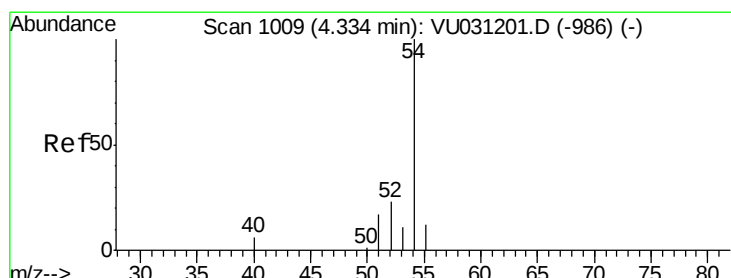
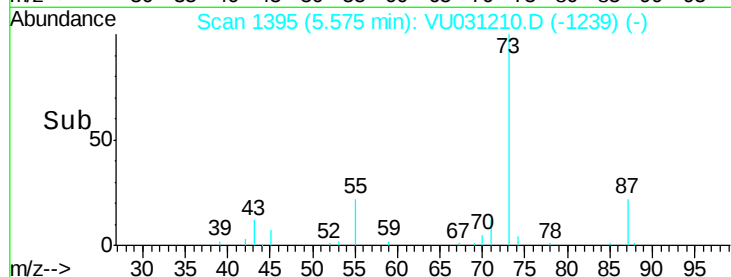
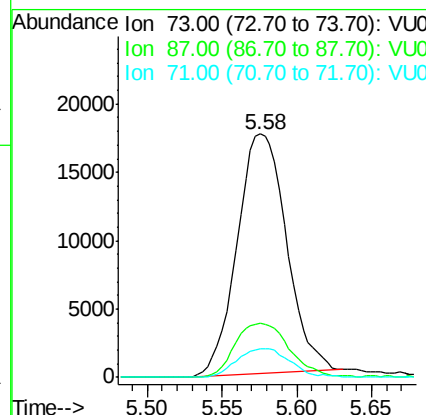
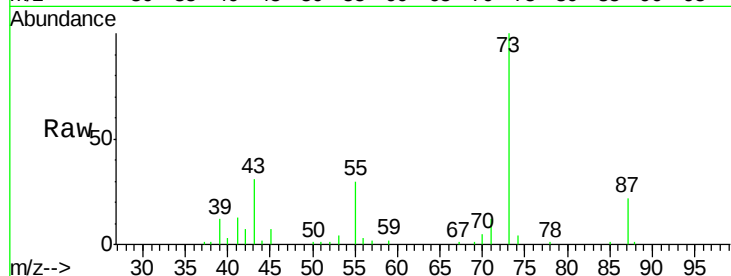
#33
Tert-Butyl methyl ether
Concen: 1.937 ug/l
RT: 5.58 min Scan# 1395
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
87	25.0	18.4	27.6
71	11.8	8.8	13.2

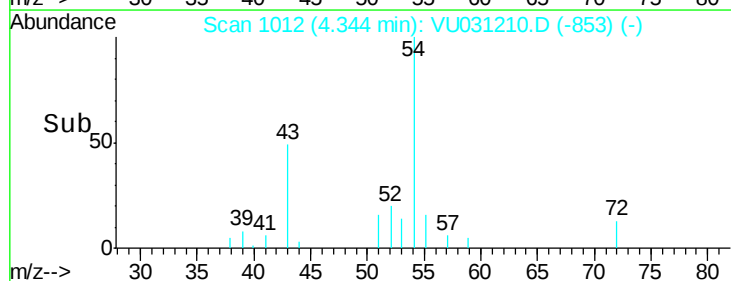
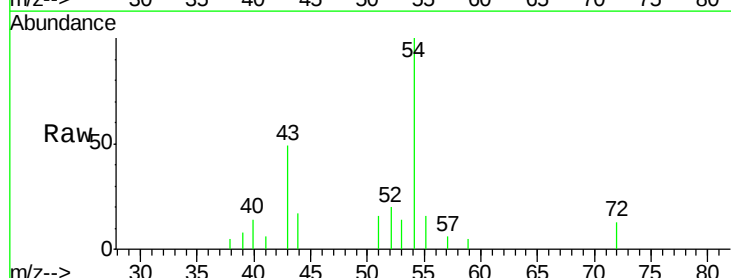
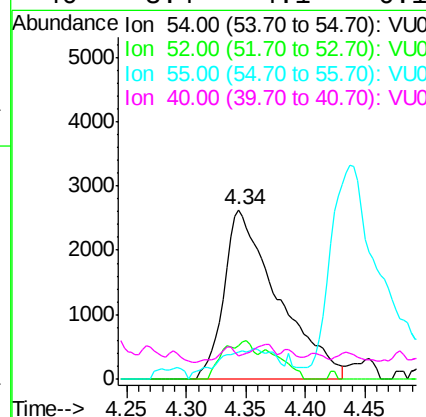
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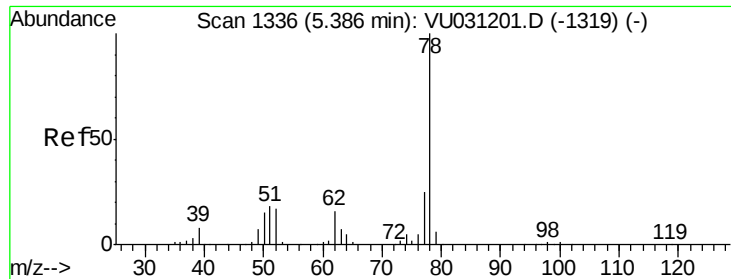
MMDadoda
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#34
Propionitrile
Concen: 9.969 ug/l
RT: 4.34 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
54	100		
52	13.4	15.9	23.9#
55	18.8	8.9	13.3#
40	3.4	4.1	6.1#





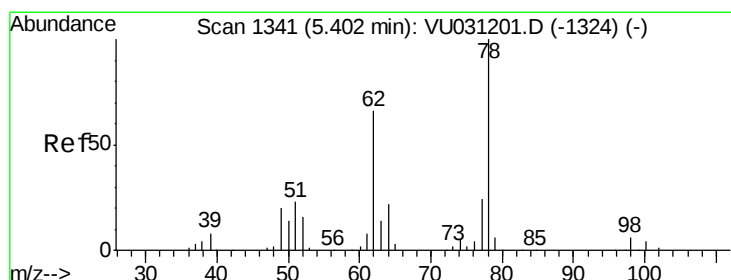
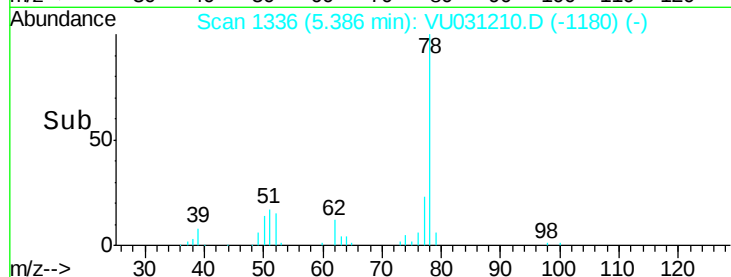
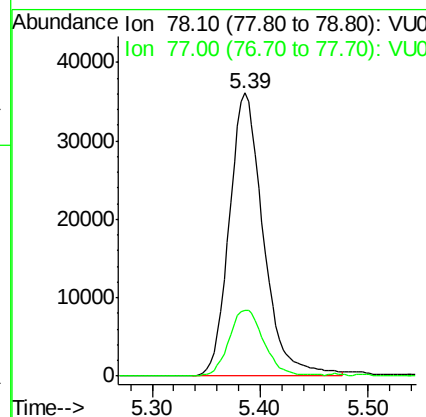
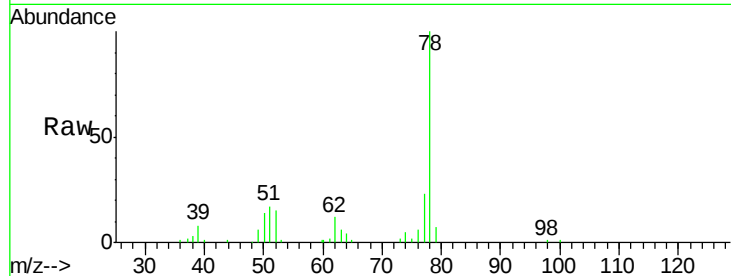
#35
Benzene
Concen: 1.977 ug/l
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Tot Ion: 78 Resp: 79396
Ion Ratio Lower Upper
78 100
77 23.3 19.6 29.4

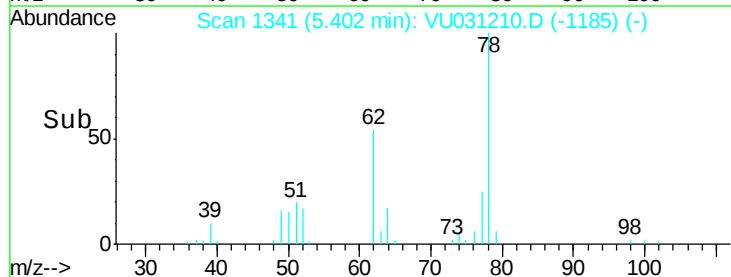
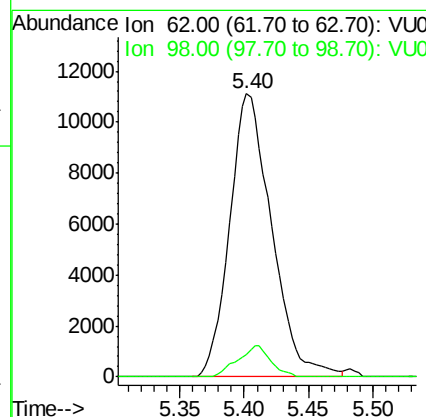
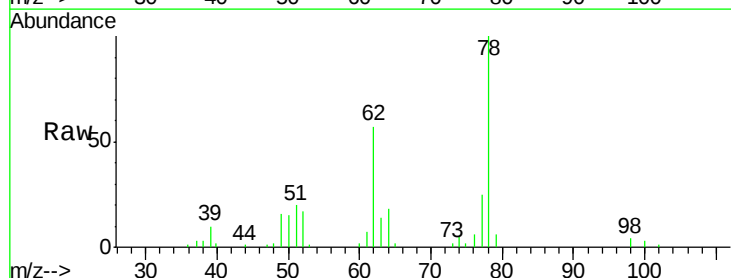
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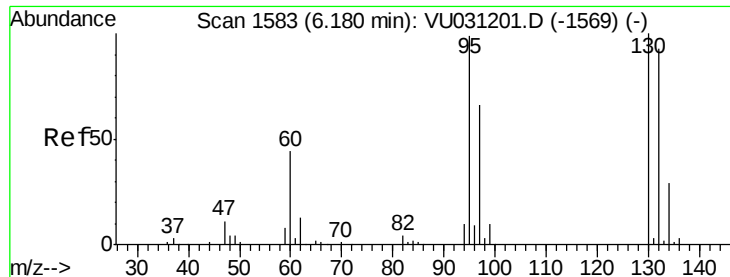
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#36
1,2-Dichloroethane
Concen: 1.968 ug/l
RT: 5.40 min Scan# 1341
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion: 62 Resp: 25151
Ion Ratio Lower Upper
62 100
98 8.5 7.0 10.6





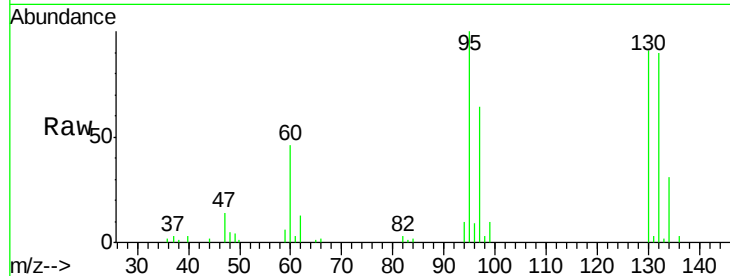
#37
 Trichloroethene
 Concen: 1.731 ug/l
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

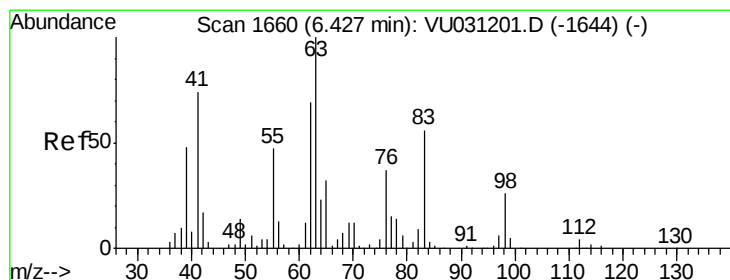
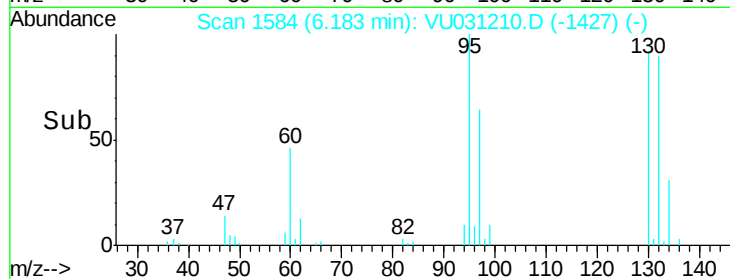
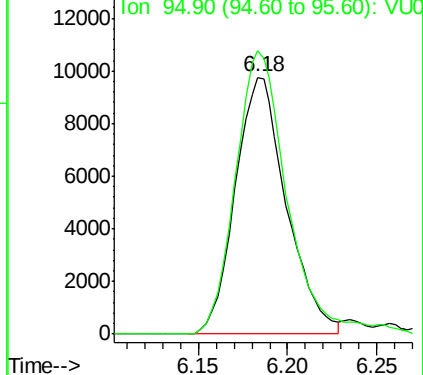
Tot Ion:130 Resp: 19495
 Ion Ratio Lower Upper
 130 100
 95 110.2 79.3 118.9

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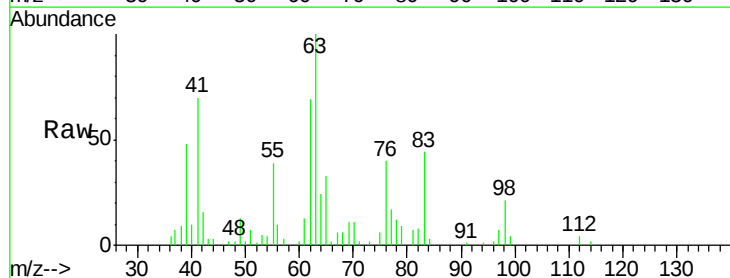


Abundance Ion 129.90 (129.60 to 130.60): VU031210.D (-1569) (-)
 Ion 94.90 (94.60 to 95.60): VU031210.D (-1569) (-)

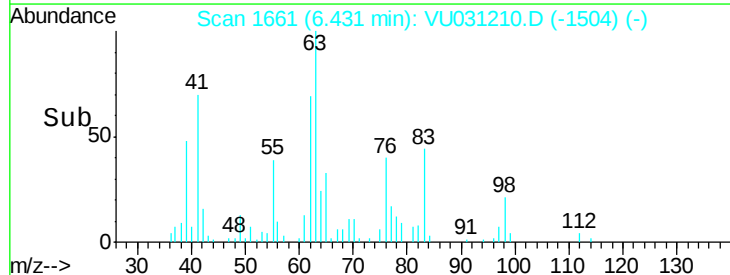
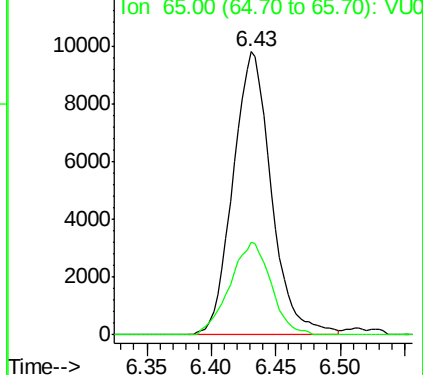


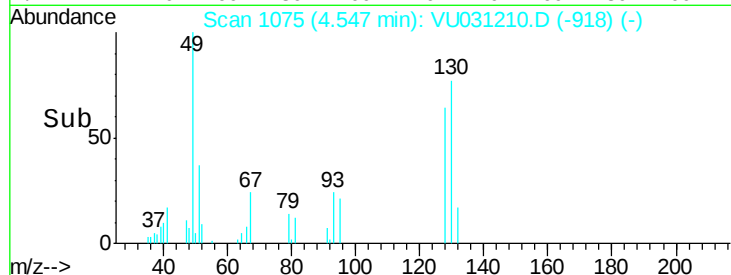
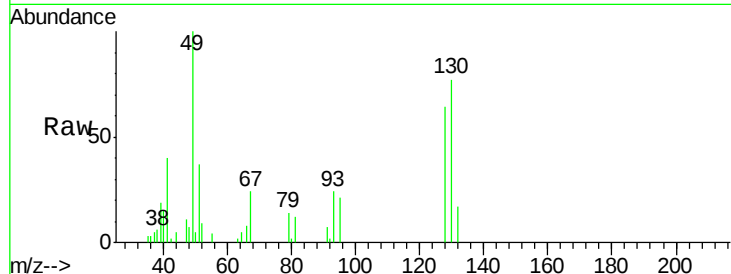
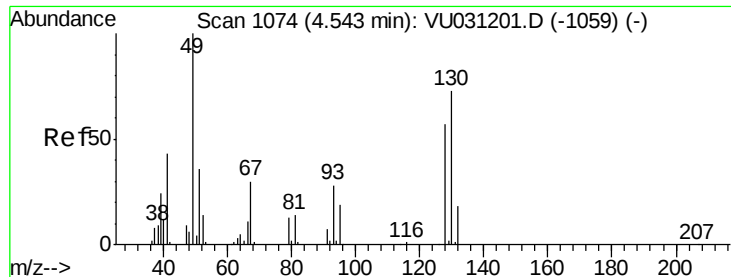
#38
 1,2-Dichloropropane
 Concen: 1.898 ug/l
 RT: 6.43 min Scan# 1661
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion: 63 Resp: 20293
 Ion Ratio Lower Upper
 63 100
 65 32.6 25.5 38.3



Abundance Ion 63.00 (62.70 to 63.70): VU031210.D (-1504) (-)
 Ion 65.00 (64.70 to 65.70): VU031210.D (-1504) (-)





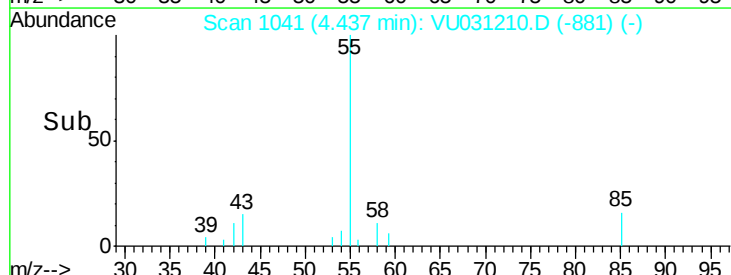
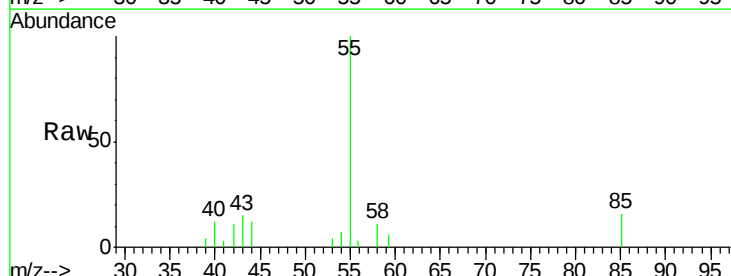
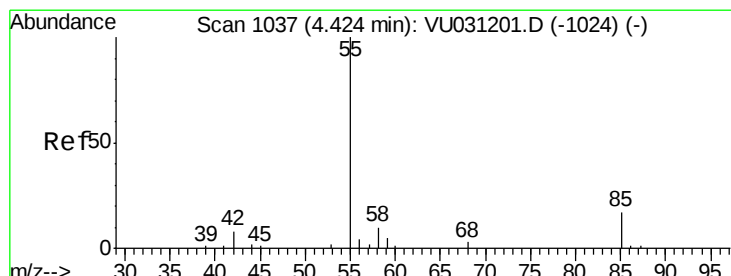
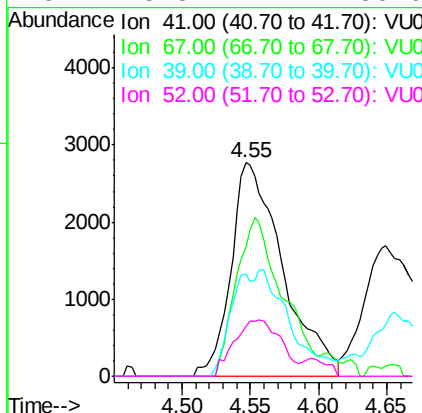
#39
Methacrylonitrile
Concen: 1.969 ug/l
RT: 4.55 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tot Ion	Ratio	Lower	Upper
41	100		
67	66.9	59.7	89.5
39	19.9	42.2	63.2#
52	23.8	24.4	36.6#

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

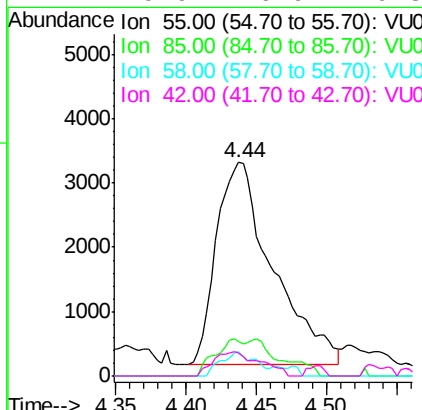
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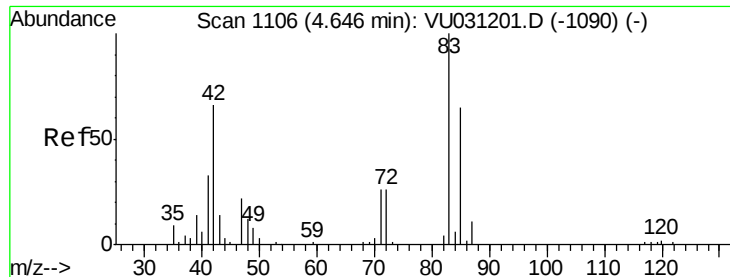
MMDadoda
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#40
Methyl acrylate
Concen: 1.936 ug/l
RT: 4.44 min Scan# 1041
Delta R.T. 0.01 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
55	100		
85	9.0	12.2	18.2#
58	7.0	7.0	10.6#
42	9.9	6.9	10.3





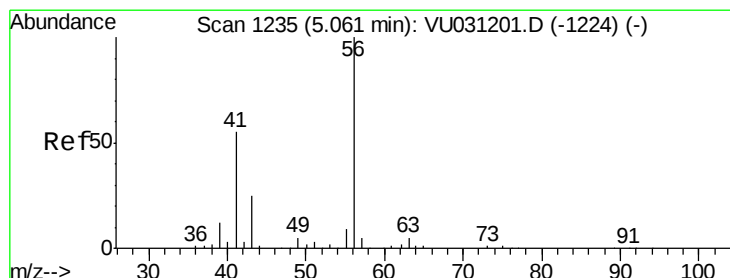
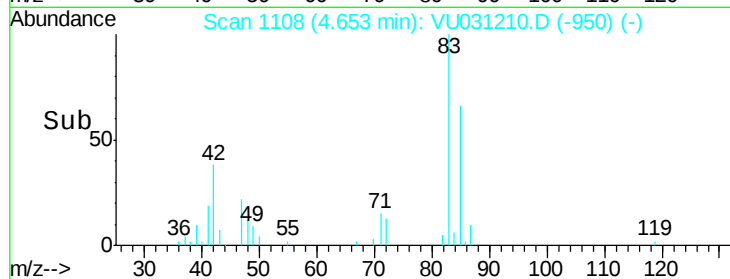
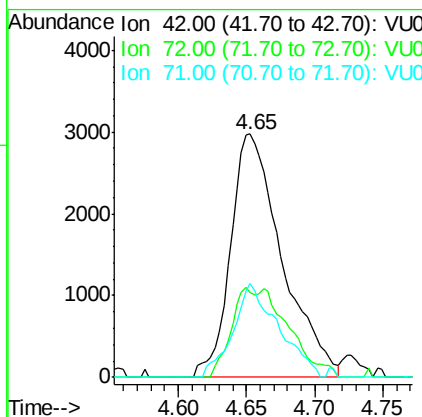
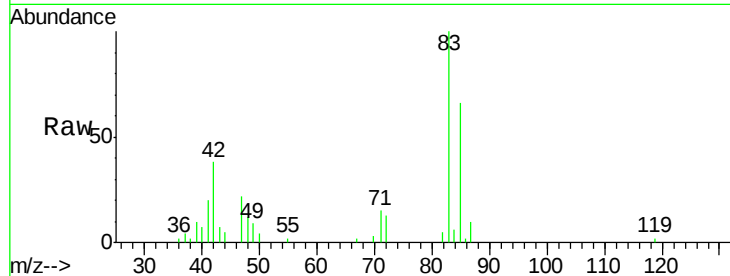
#41
Tetrahydrofuran
Concen: 4.121 ug/l
RT: 4.65 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	17.1	34.4	51.6#
71	34.1	32.0	48.0

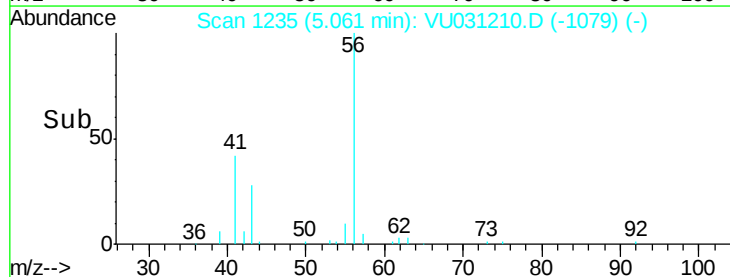
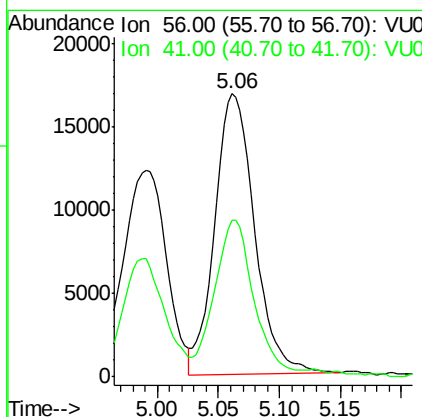
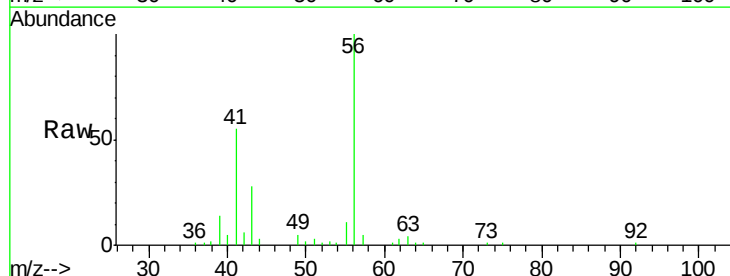
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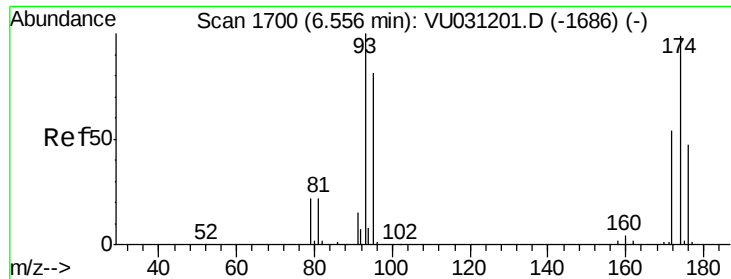
MMDadoda
4/17/2019 9:15:21 AM



#42
1-Chlorobutane
Concen: 1.997 ug/l
RT: 5.06 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
56	100		
41	51.2	27.3	81.9





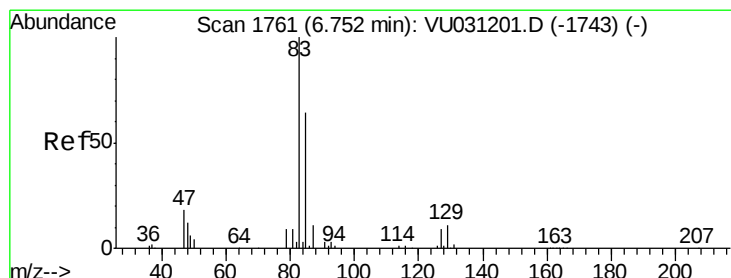
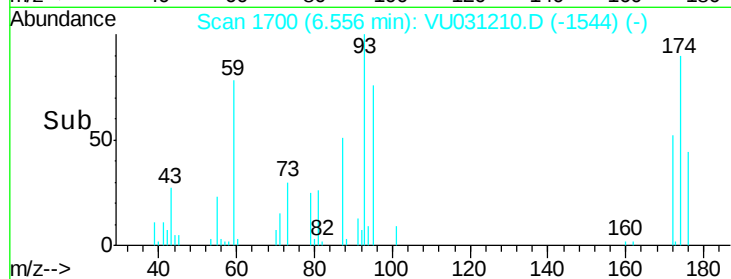
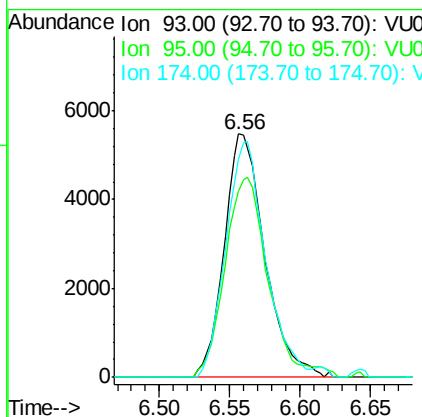
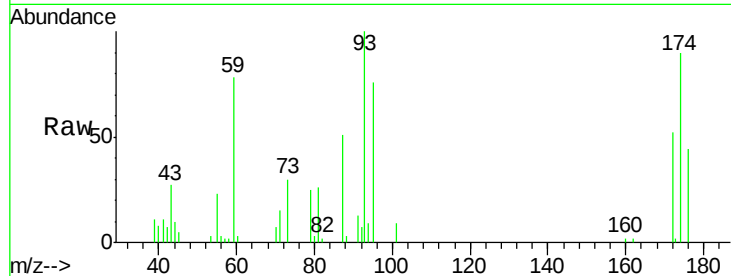
#43
Dibromomethane
Concen: 1.920 ug/l
RT: 6.56 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Tot Ion	93	Resp	11044
Ion	Ratio	Lower	Upper
93	100		
95	87.2	67.4	101.0
174	95.0	79.1	118.7

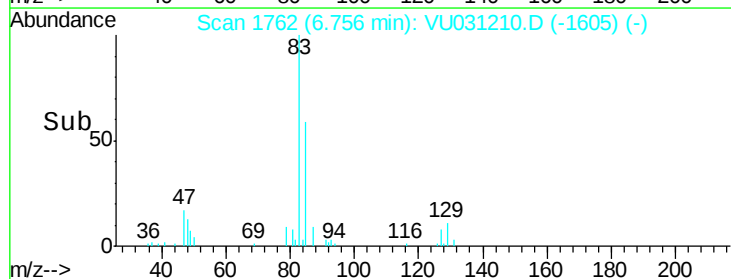
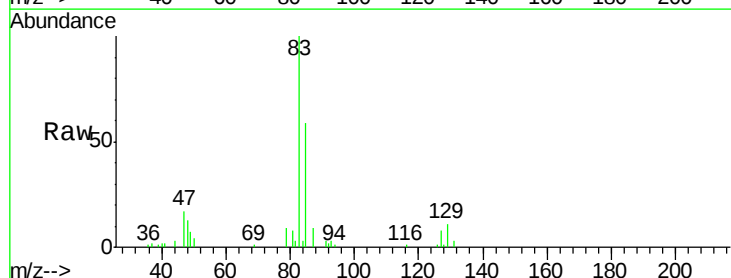
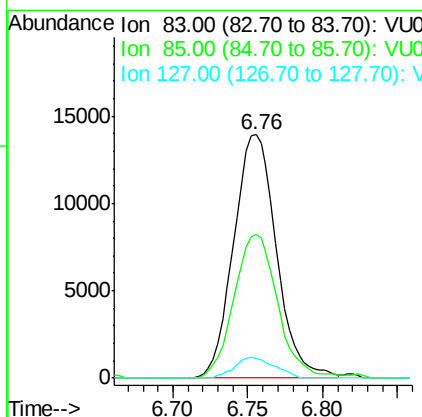
Manual Integrations
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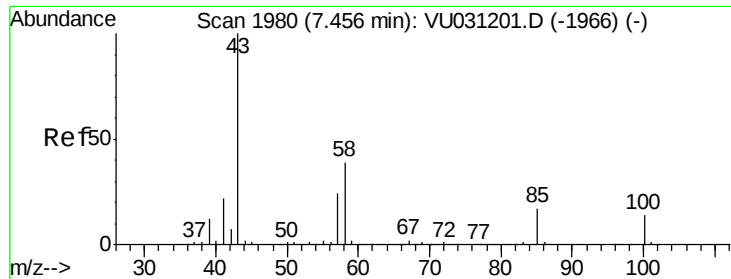
MMDadoda
4/17/2019 9:15:21 AM



#44
Bromodichloromethane
Concen: 2.003 ug/l
RT: 6.76 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion	83	Resp	27767
Ion	Ratio	Lower	Upper
83	100		
85	59.3	51.0	76.6
127	8.2	7.4	11.0





#45

4-Methyl-2-Pentanone

Concen: 9.367 ug/l

RT: 7.46 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

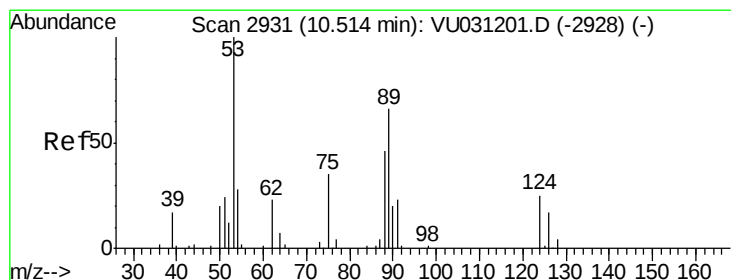
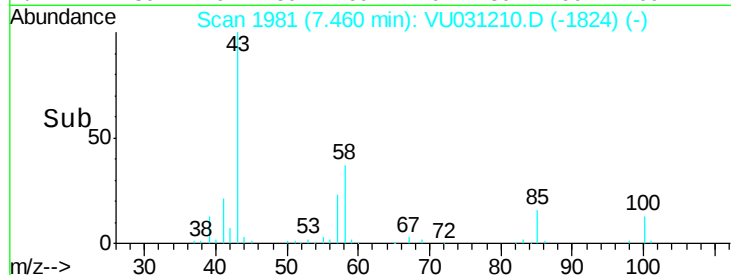
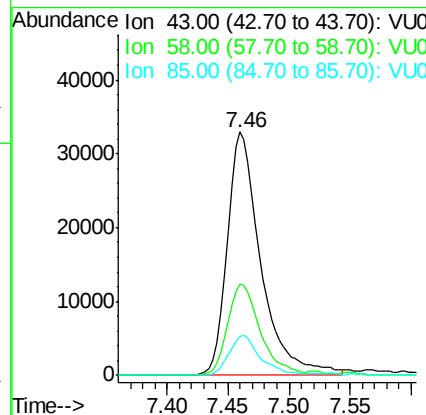
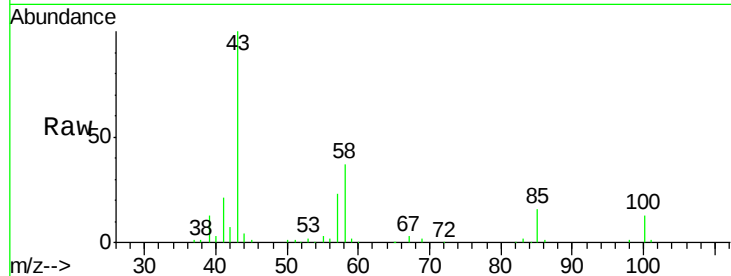
ClientSampleId :

VU0416WBSD01

Tot Ion:	43	Resp:	63569
Ion	Ratio	Lower	Upper
43	100		
58	36.6	19.4	58.2
85	15.6	13.2	19.8

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#46

t-1,4-Dichloro-2-butene

Concen: 3.146 ug/l m

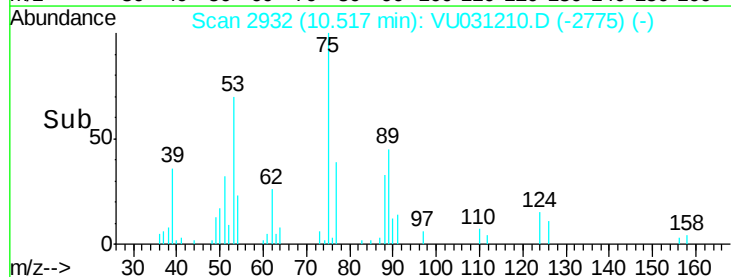
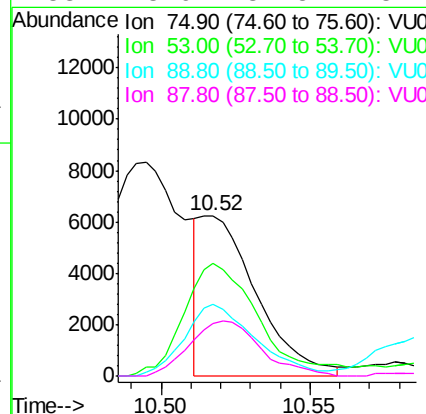
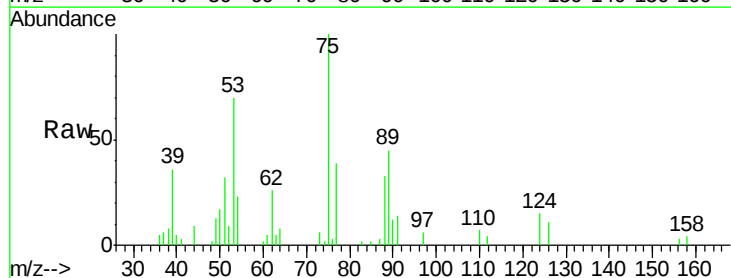
RT: 10.52 min Scan# 2932

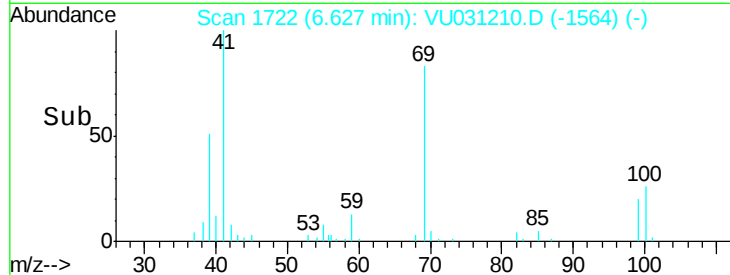
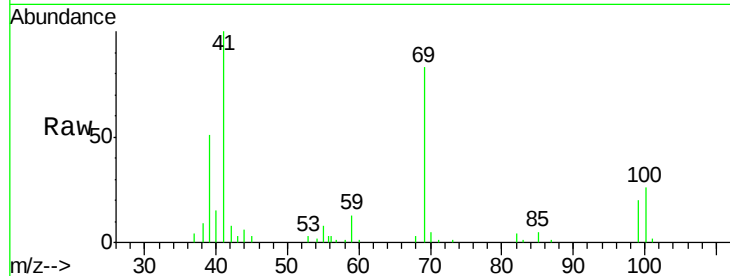
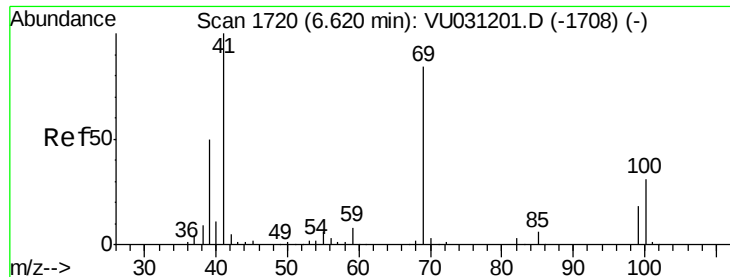
Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Tgt Ion:	75	Resp:	8138
Ion	Ratio	Lower	Upper
75	100		
53	95.0	65.2	97.8
89	56.6	43.0	64.4
88	43.9	32.5	48.7





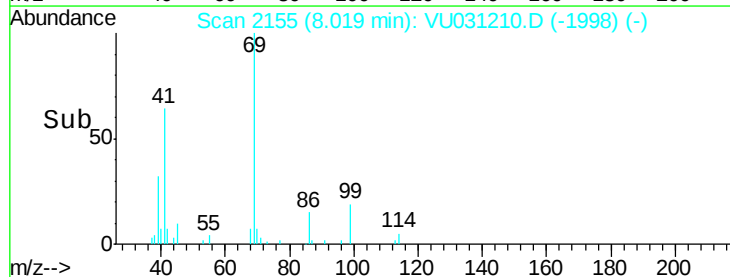
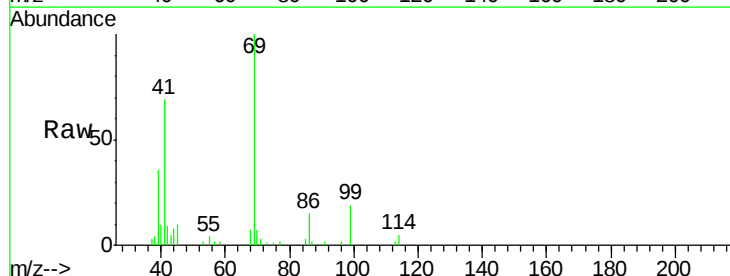
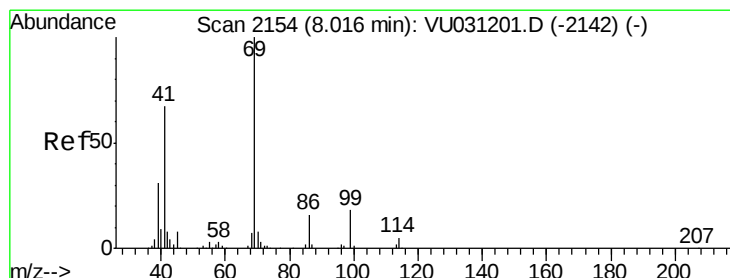
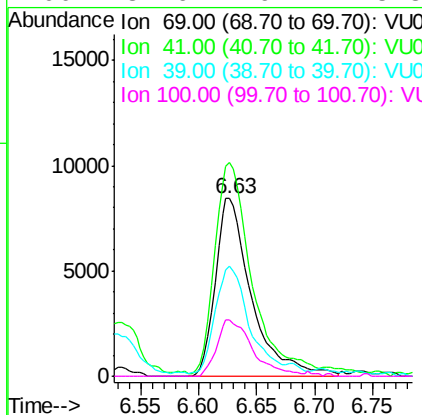
#47
Methyl methacrylate
Concen: 3.797 ug/l
RT: 6.63 min Scan# 1722
Delta R.T. 0.01 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100		18433		
41	120.9	0.0	237.2		
39	55.8	47.4	71.2		
100	31.6	29.2	43.8		

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

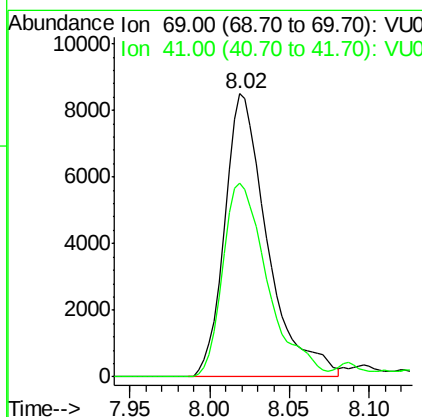
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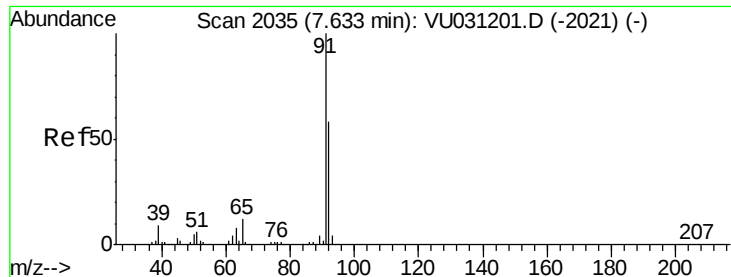
MMDadoda
4/17/2019 9:15:21 AM



#48
Ethyl methacrylate
Concen: 1.869 ug/l
RT: 8.02 min Scan# 2155
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		15541		
41	71.9	32.5	97.5		





#49

Toluene

Concen: 2.004 ug/l

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion: 92 Resp: 44170

Ion Ratio Lower Upper

92 100

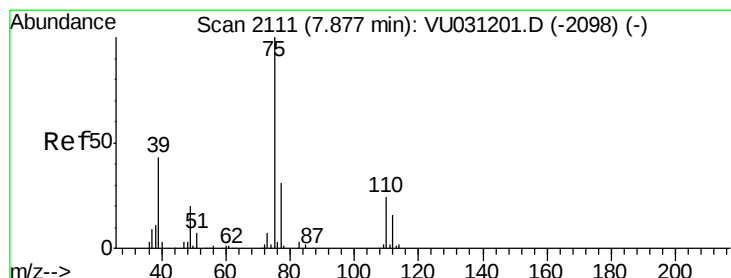
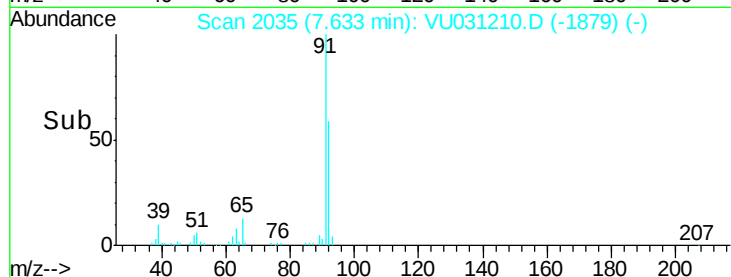
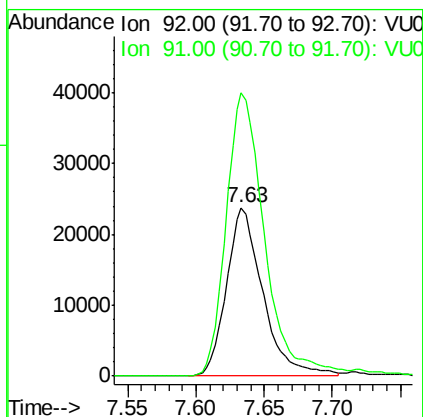
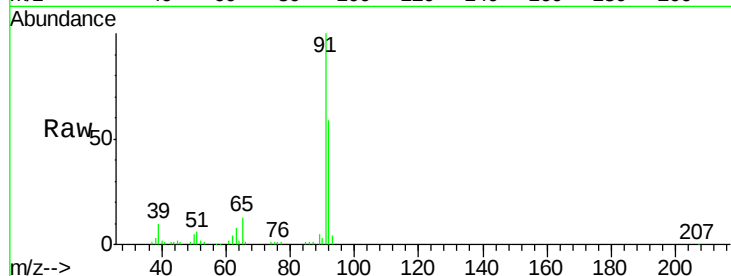
91 177.0 140.2 210.4

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#50

t-1,3-Dichloropropene

Concen: 1.928 ug/l

RT: 7.88 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VU031210.D

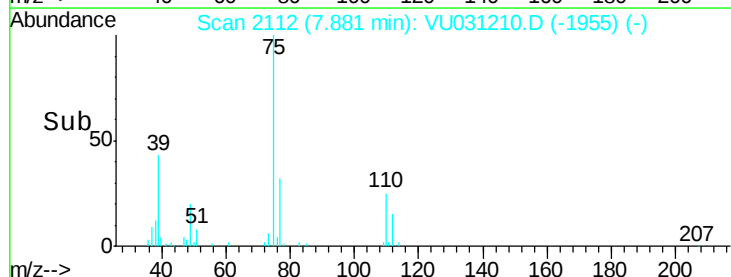
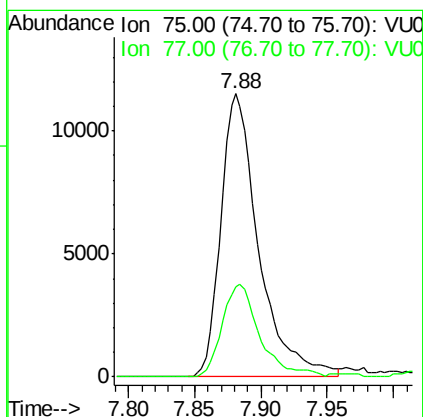
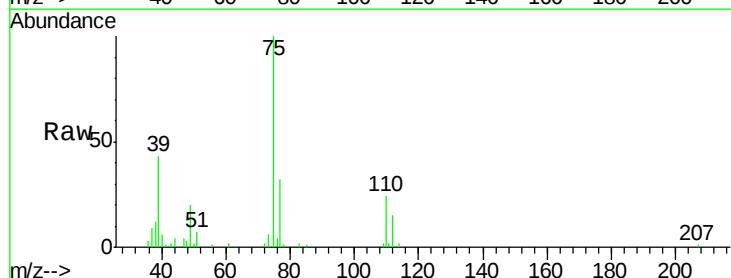
Acq: 16 Apr 2019 13:05

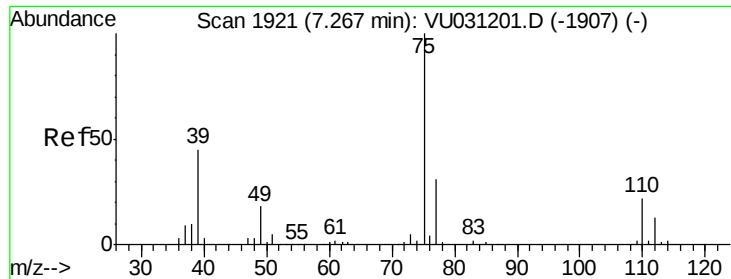
Tgt Ion: 75 Resp: 22786

Ion Ratio Lower Upper

75 100

77 31.7 24.6 37.0





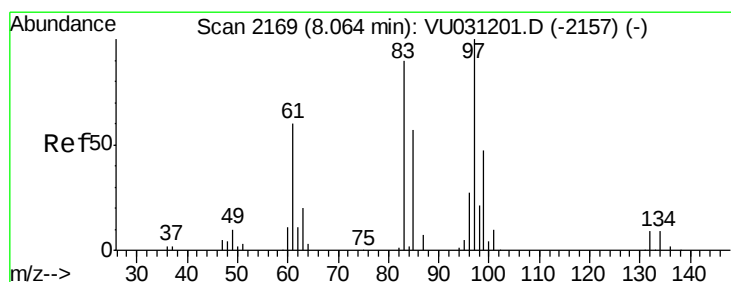
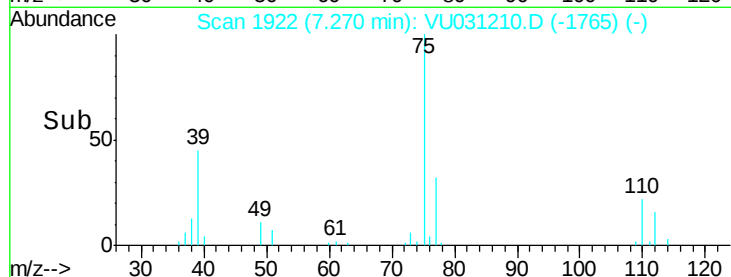
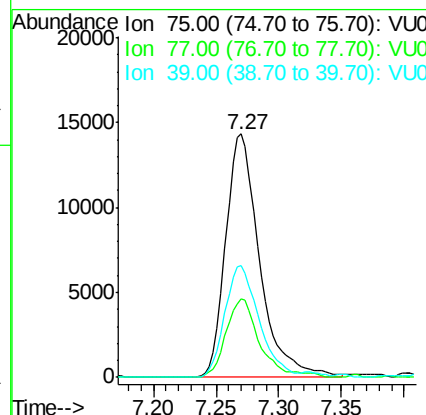
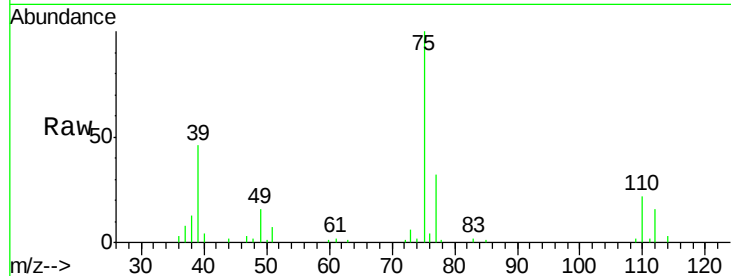
#51
 cis-1,3-Dichloropropene
 Concen: 1.930 ug/l
 RT: 7.27 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	24.6	37.0
39	46.1	36.1	54.1

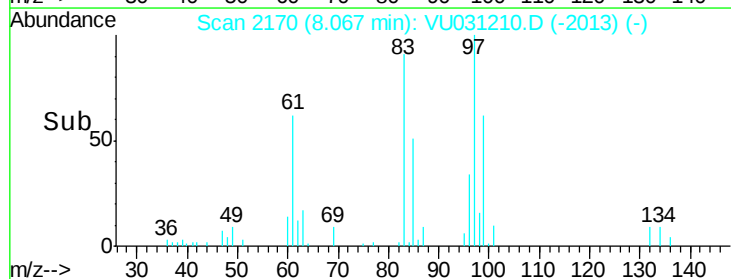
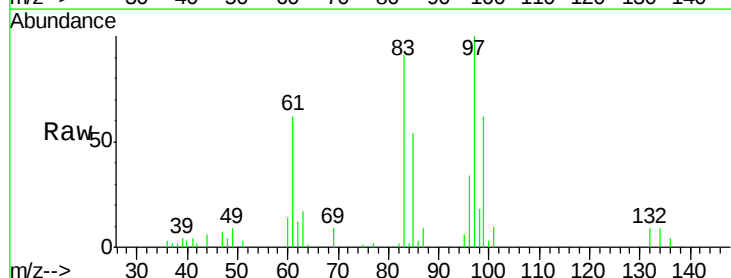
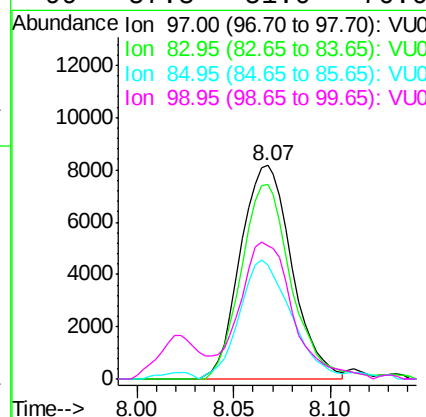
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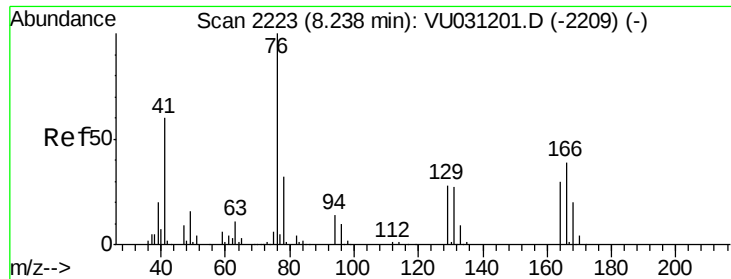
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#52
 1,1,2-Trichloroethane
 Concen: 1.952 ug/l
 RT: 8.07 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.4	71.5	107.3
85	51.8	46.7	70.1
99	57.8	51.0	76.6





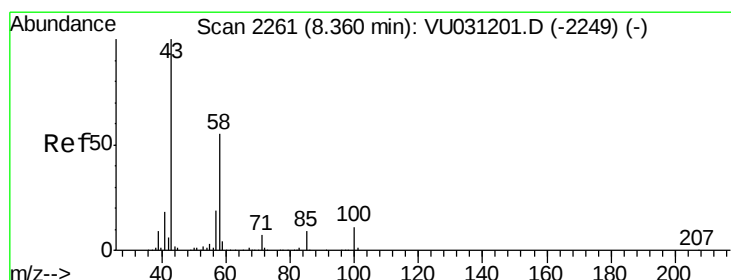
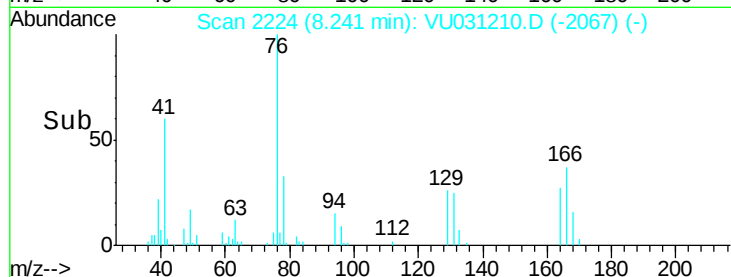
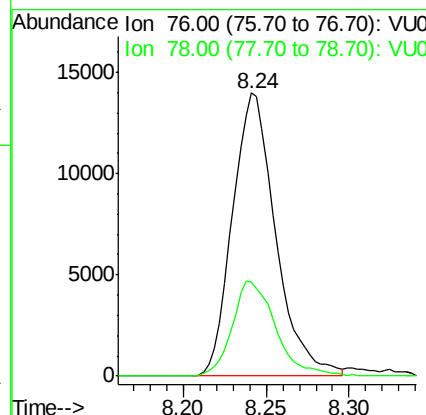
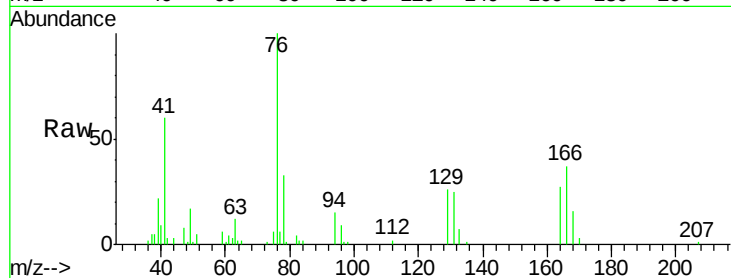
#53
 1,3-Dichloropropane
 Concen: 1.924 ug/l
 RT: 8.24 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Tot Ion: 76 Resp: 25355
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.3 37.9

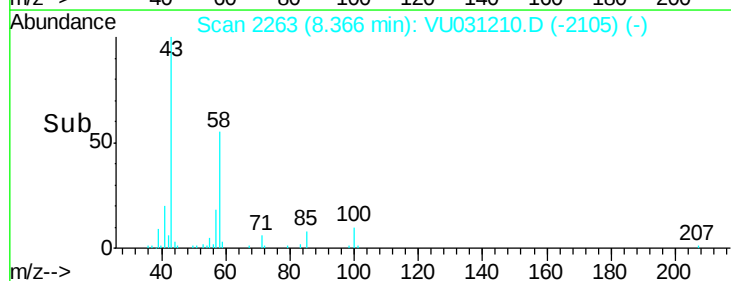
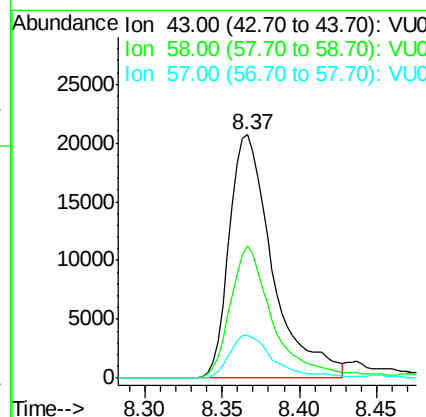
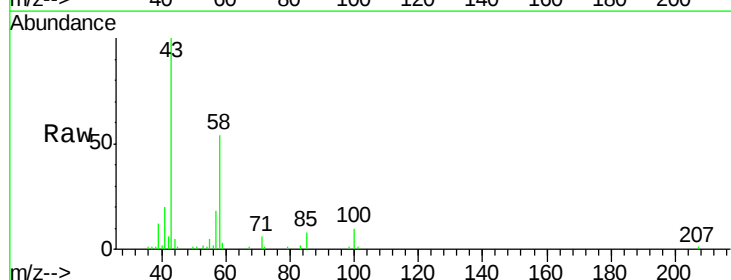
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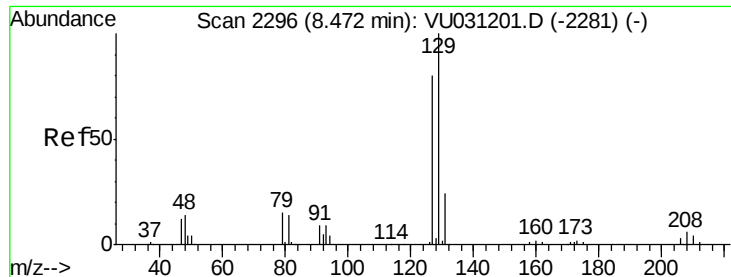
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#54
 2-Hexanone
 Concen: 8.803 ug/l
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion: 43 Resp: 40316
 Ion Ratio Lower Upper
 43 100
 58 53.7 35.5 75.5
 57 17.0 0.0 38.7





#55

Dibromochloromethane

Concen: 1.926 ug/l

RT: 8.48 min Scan# 2297

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion:129 Resp: 17717

Ion Ratio Lower Upper

129 100

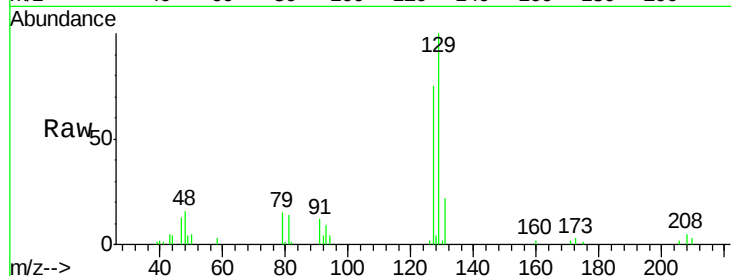
127 75.2 62.2 93.2

Manual Integrations

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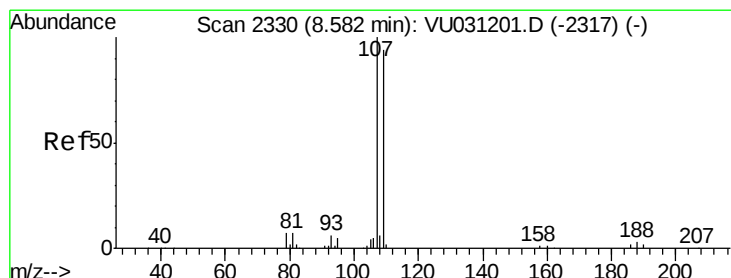
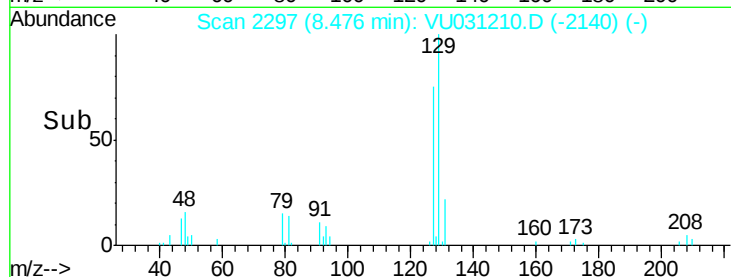
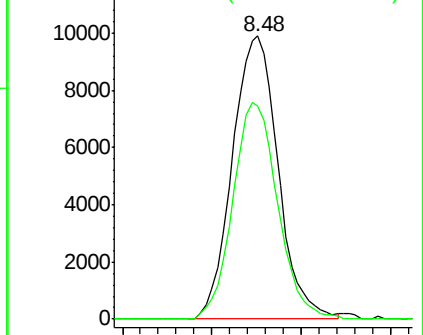
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.957 ug/l

RT: 8.59 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU031210.D

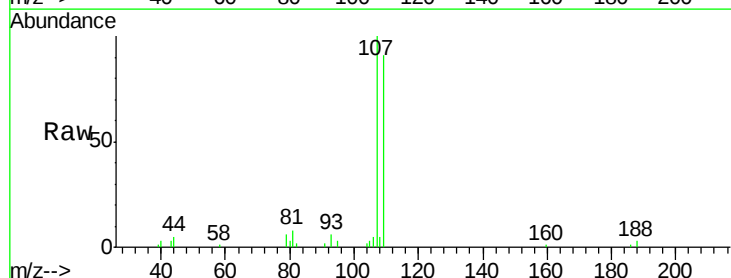
Acq: 16 Apr 2019 13:05

Tgt Ion:107 Resp: 14119

Ion Ratio Lower Upper

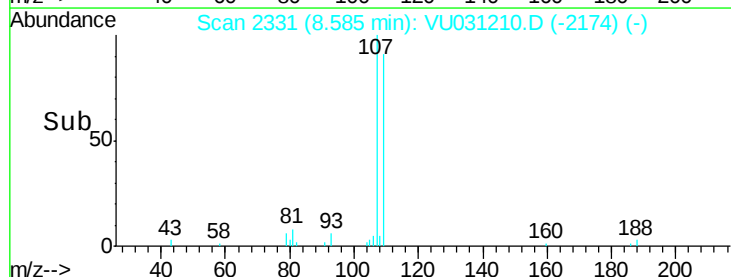
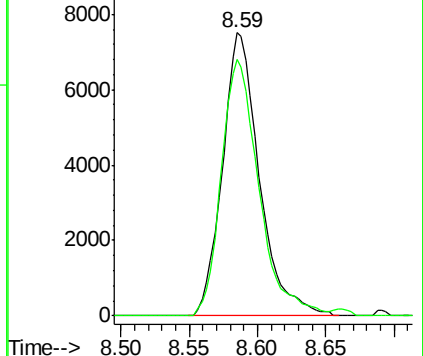
107 100

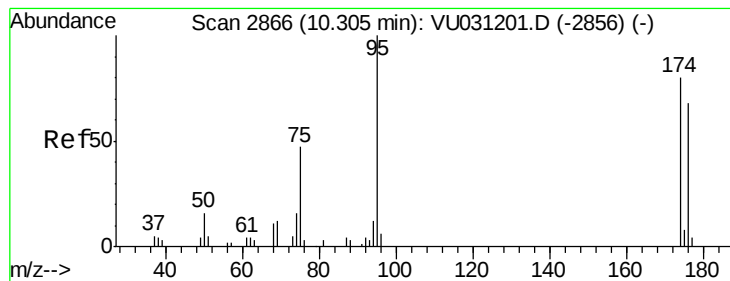
109 92.3 0.0 189.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#57

4-Bromofluorobenzene

Concen: 1.957 ug/l

RT: 10.31 min Scan# 2867

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

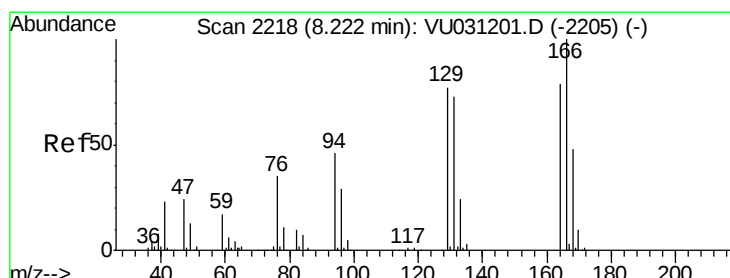
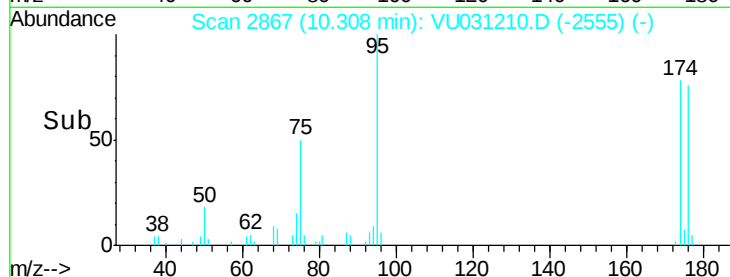
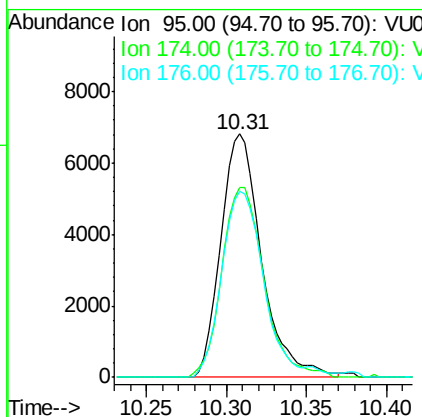
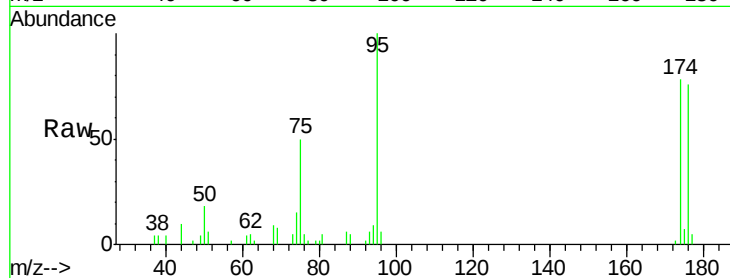
ClientSampleId :

VU0416WBSD01

Tot Ion:	95	Resp:	11891
Ion Ratio	Lower	Upper	
95	100		
174	80.8	64.2	96.2
176	77.3	58.0	87.0

Manual Integrations
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#58

Tetrachloroethene

Concen: 1.900 ug/l

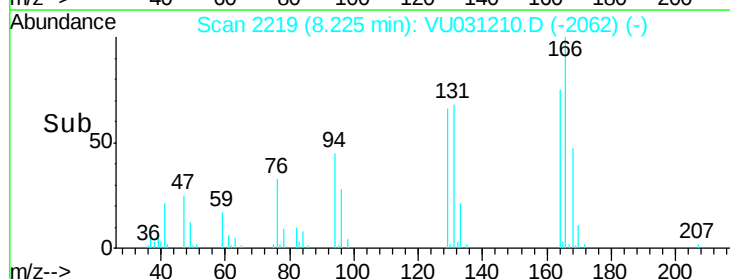
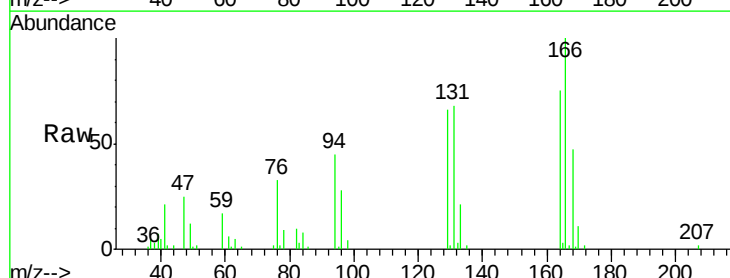
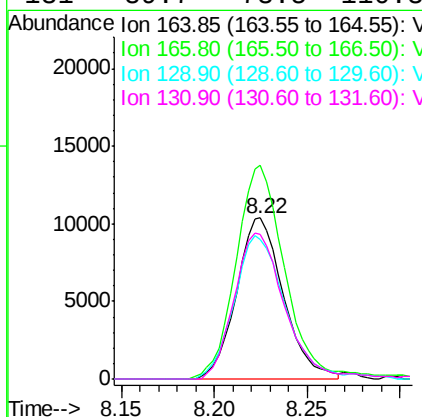
RT: 8.22 min Scan# 2219

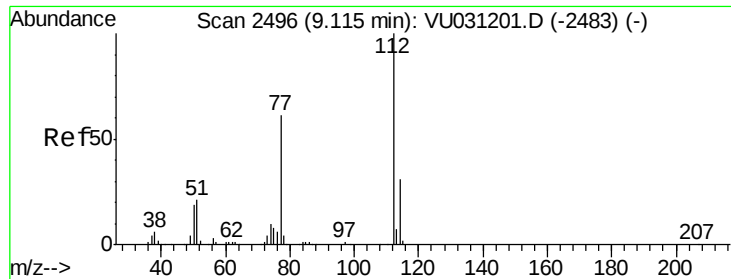
Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Tgt Ion:	164	Resp:	18185
Ion Ratio	Lower	Upper	
164	100		
166	132.7	100.9	151.3
129	87.0	77.6	116.4
131	89.7	73.5	110.3





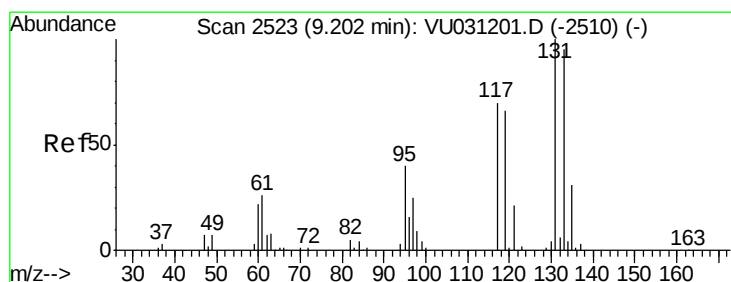
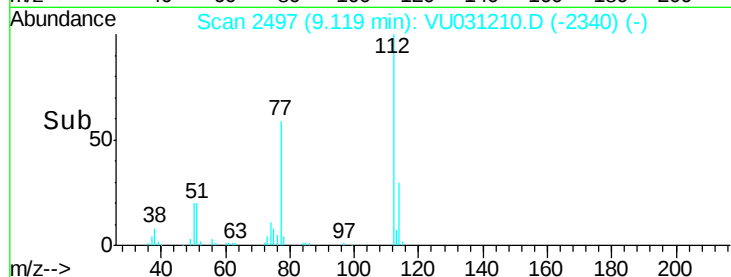
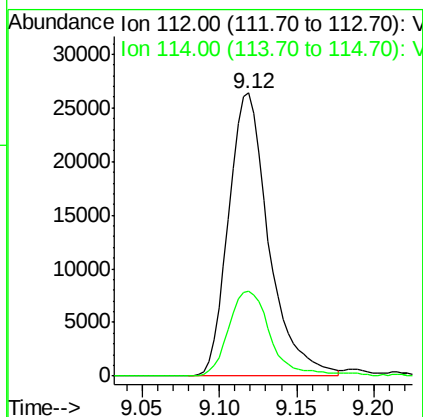
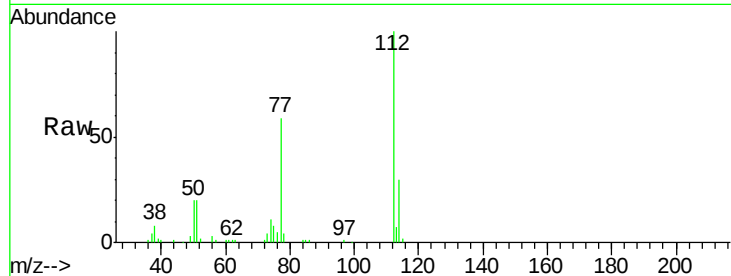
#59
Chlorobenzene
Concen: 1.948 ug/l
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Tot Ion:112 Resp: 47670
Ion Ratio Lower Upper
112 100
114 30.1 24.4 36.6

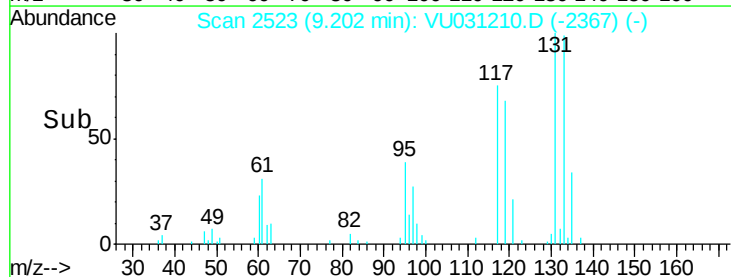
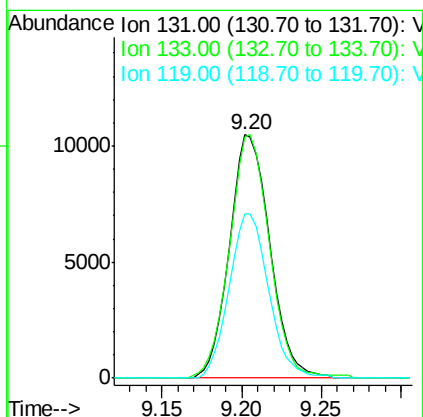
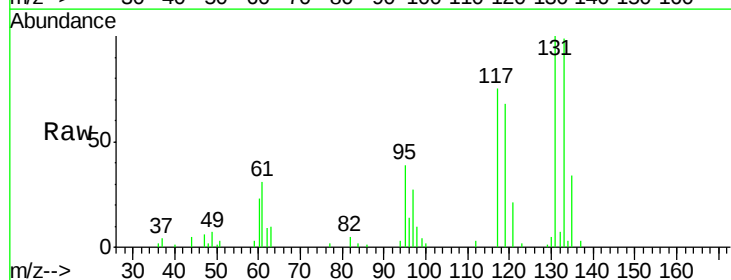
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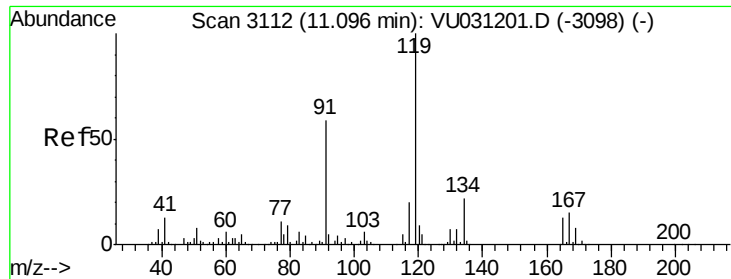
MMDadoda
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#60
1,1,1,2-Tetrachloroethane
Concen: 1.971 ug/l
RT: 9.20 min Scan# 2523
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion:131 Resp: 18077
Ion Ratio Lower Upper
131 100
133 99.1 77.2 115.8
119 65.8 51.4 77.2





#61

Pentachloroethane

Concen: 2.020 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion:117 Resp: 14417

Ion Ratio Lower Upper

117 100

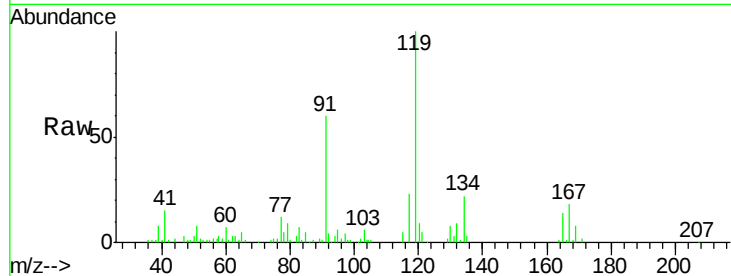
167 80.8 63.1 94.7

Manual Integrations

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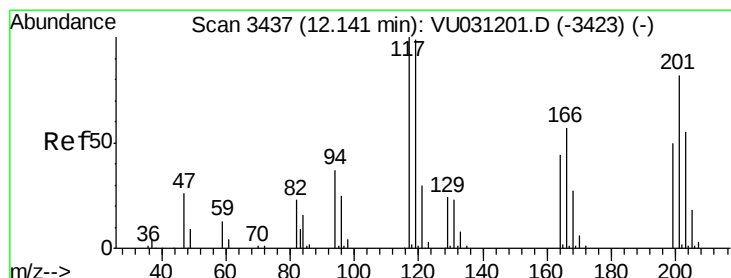
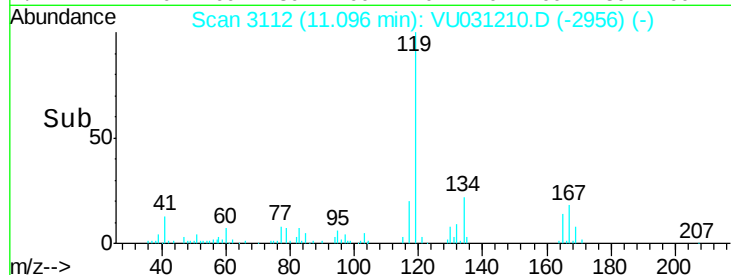
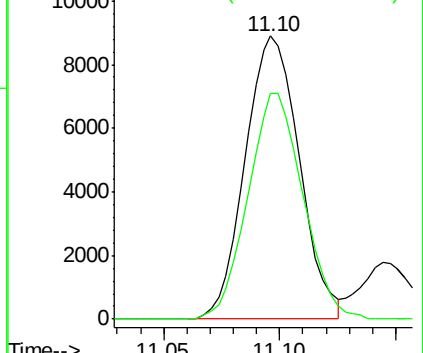
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Abundance Ion 116.80 (116.50 to 117.50): V

Ion 166.70 (166.40 to 167.40): V



#62

Hexachloroethane

Concen: 2.015 ug/l

RT: 12.14 min Scan# 3437

Delta R.T. 0.00 min

Lab File: VU031210.D

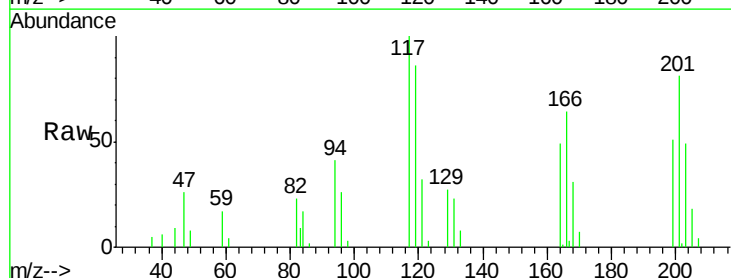
Acq: 16 Apr 2019 13:05

Tgt Ion:117 Resp: 13900

Ion Ratio Lower Upper

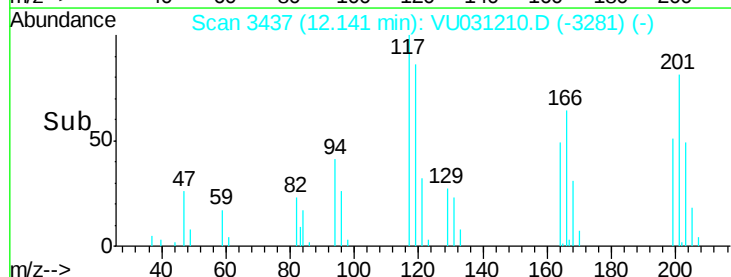
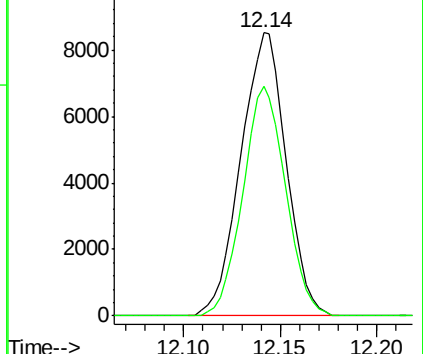
117 100

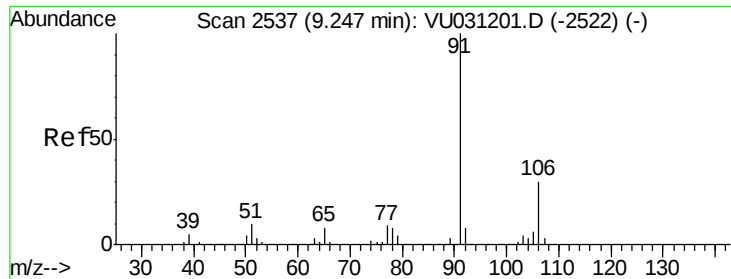
201 76.5 63.9 95.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.60 (200.30 to 201.30): V





#63

Ethyl Benzene

Concen: 1.970 ug/l

RT: 9.25 min Scan# 2537

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion: 91 Resp: 76924

Ion Ratio Lower Upper

91 100

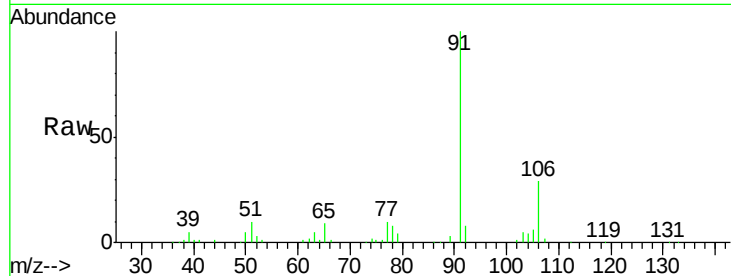
106 28.7 24.3 36.5

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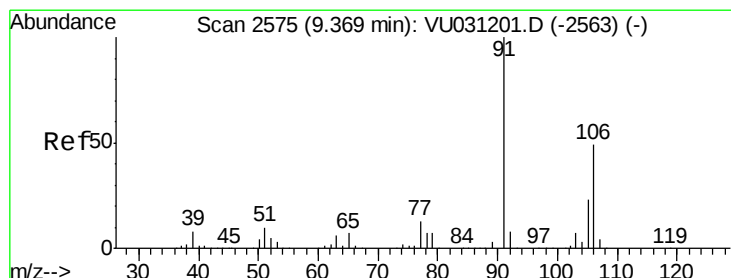
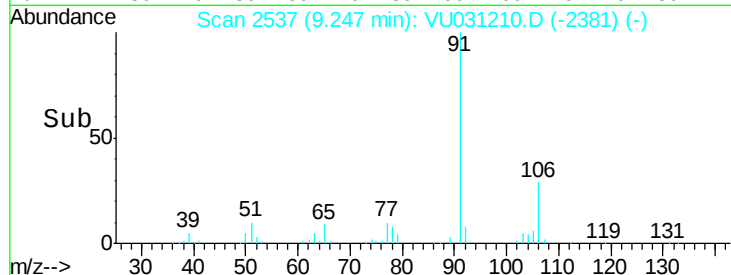
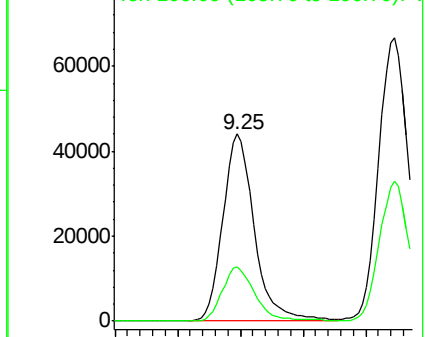
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Abundance Ion 91.00 (90.70 to 91.70): VU031210.D (-2381) (-)

Ion 106.00 (105.70 to 106.70): VU031210.D (-2381) (-)



#64

m/p-Xylenes

Concen: 3.930 ug/l

RT: 9.37 min Scan# 2576

Delta R.T. 0.00 min

Lab File: VU031210.D

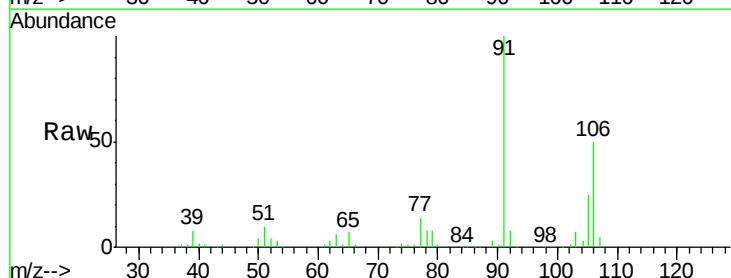
Acq: 16 Apr 2019 13:05

Tgt Ion: 106 Resp: 58434

Ion Ratio Lower Upper

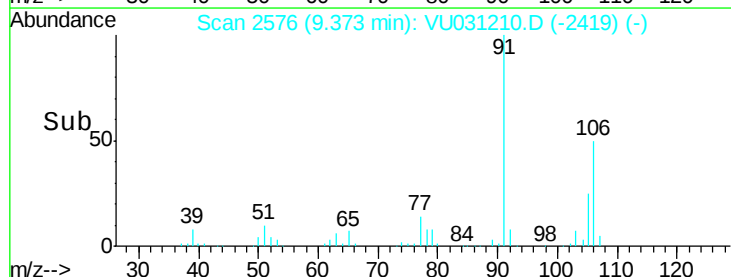
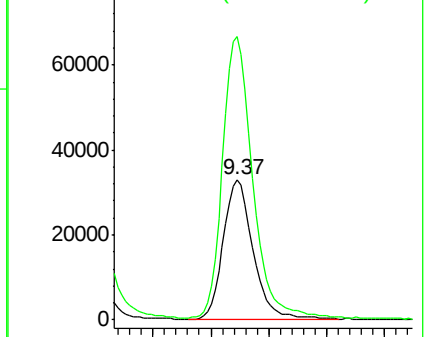
106 100

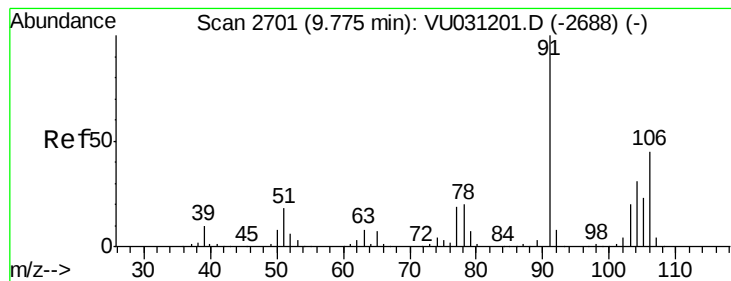
91 204.0 165.7 248.5



Abundance Ion 106.00 (105.70 to 106.70): VU031210.D (-2419) (-)

Ion 91.00 (90.70 to 91.70): VU031210.D (-2419) (-)





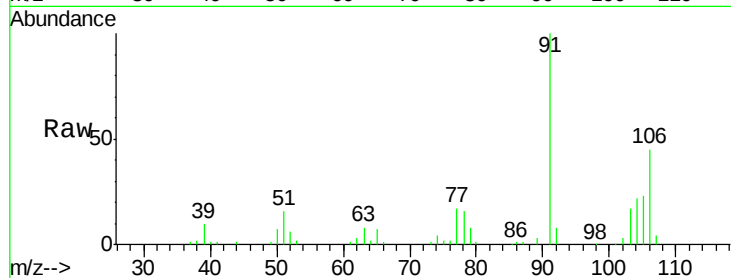
#65
o-Xylene
Concen: 1.970 ug/l
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

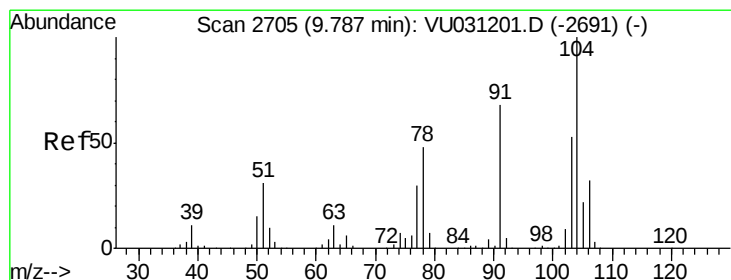
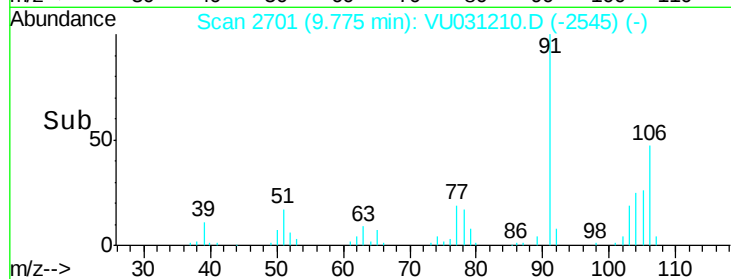
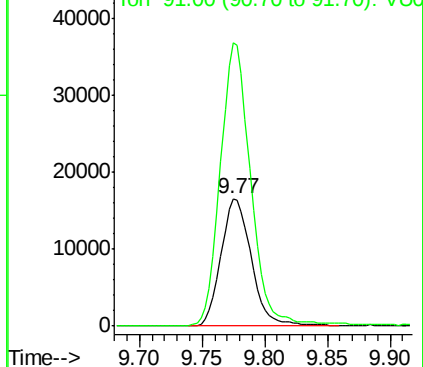
Tot Ion:106 Resp: 28032
Ion Ratio Lower Upper
106 100
91 220.8 111.3 333.8

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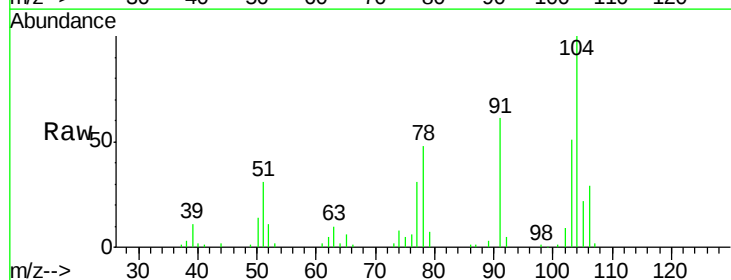


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

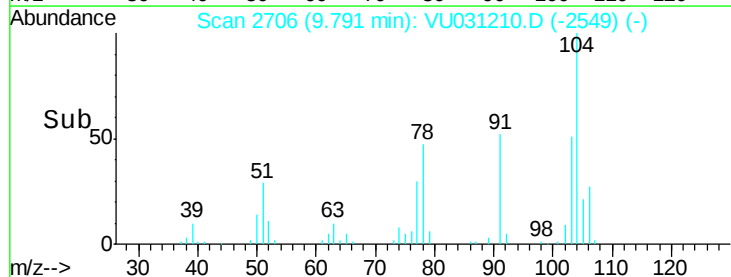
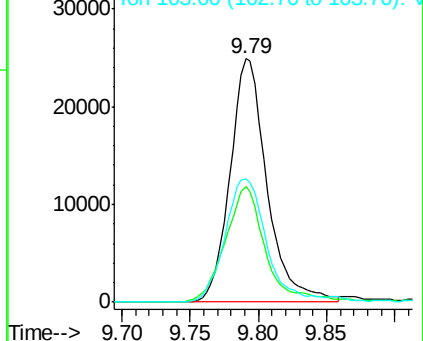


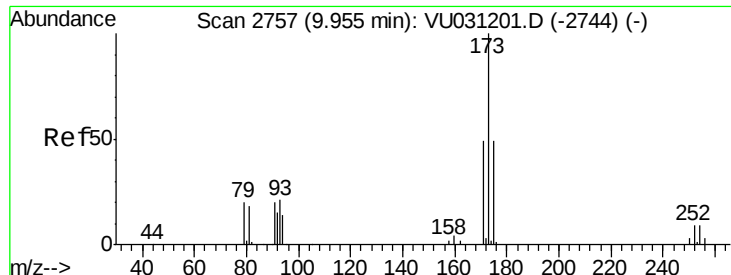
#66
Styrene
Concen: 1.940 ug/l
RT: 9.79 min Scan# 2706
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion:104 Resp: 46940
Ion Ratio Lower Upper
104 100
78 51.2 41.4 62.0
103 56.5 45.0 67.4



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





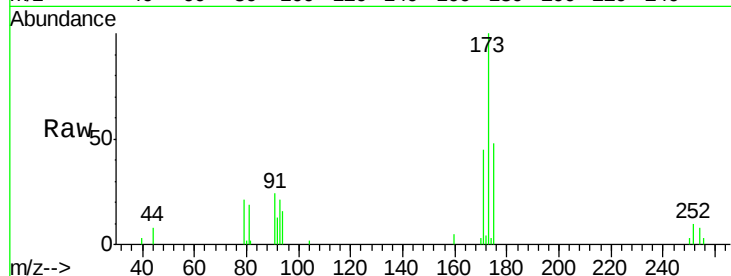
#67
Bromoform
Concen: 1.913 ug/l
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

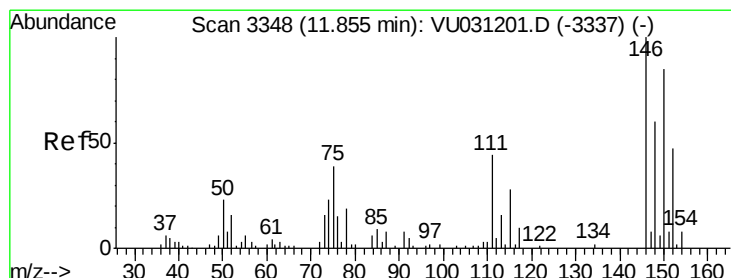
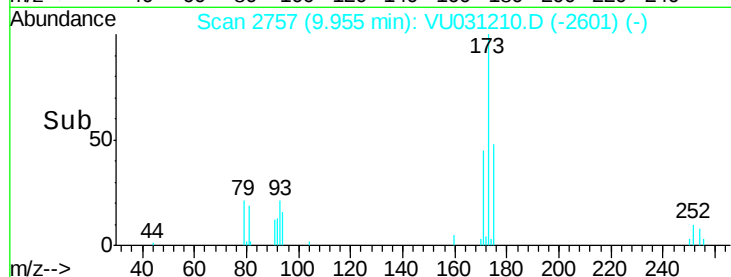
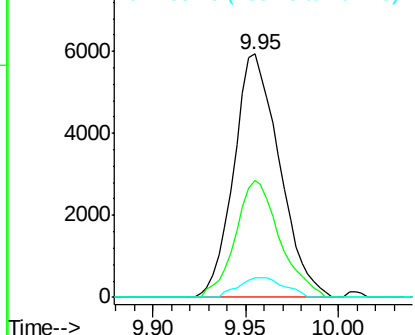
Tot Ion	Ratio	Lower	Upper
173	100		
175	46.5	38.0	57.0
254	8.1	7.1	10.7

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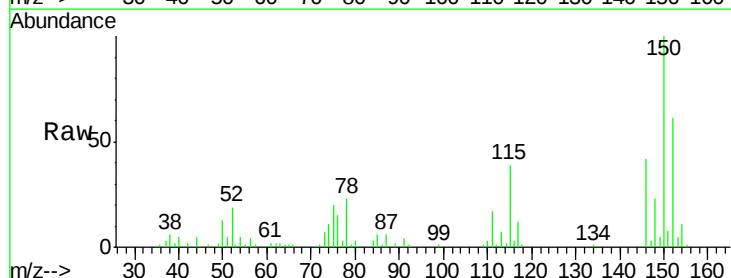


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

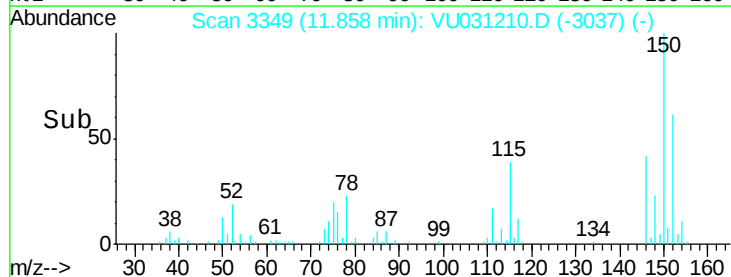
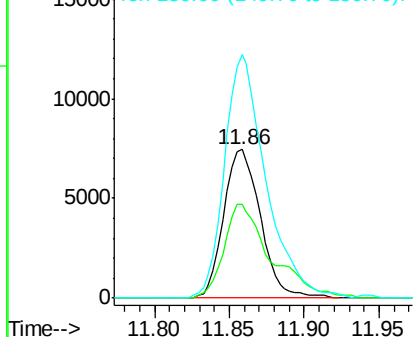


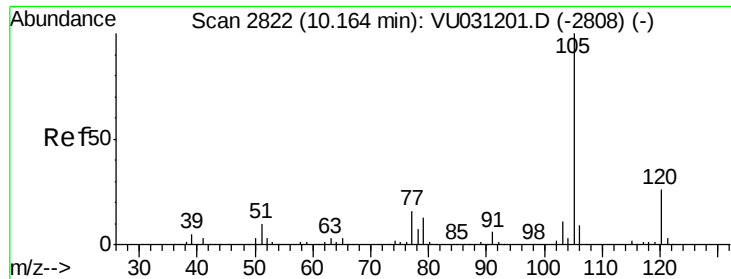
#68
1,2-Dichlorobenzene-d4
Concen: 1.913 ug/l
RT: 11.86 min Scan# 3349
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.3	0.0	130.0
150	183.8	0.0	639.0



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: 1.938 ug/l

RT: 10.16 min Scan# 2822

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion: 105 Resp: 73949

Ion Ratio Lower Upper

105 100

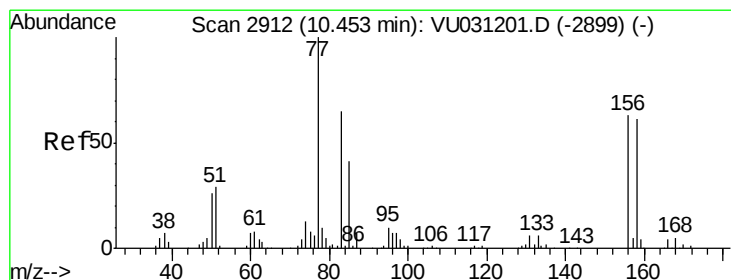
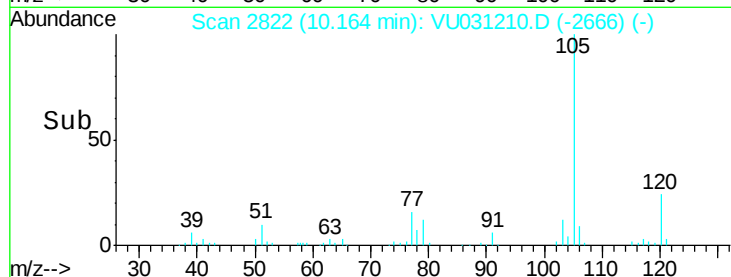
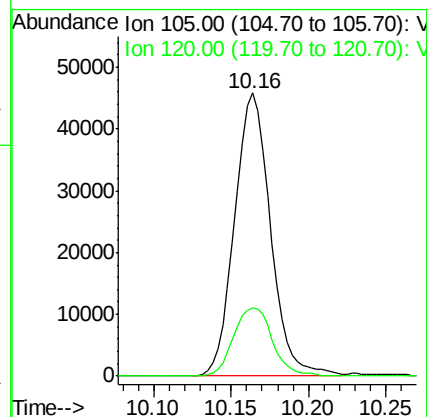
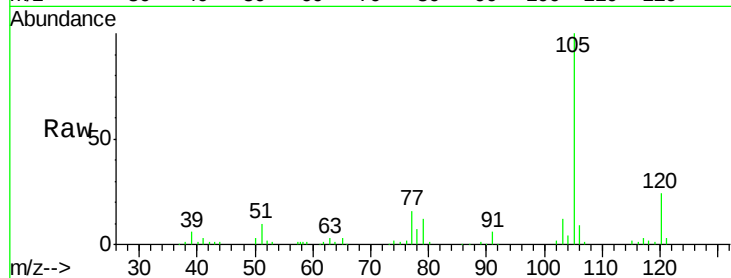
120 26.1 12.8 38.3

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#70

1,1,2,2-Tetrachloroethane

Concen: 1.946 ug/l

RT: 10.46 min Scan# 2913

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

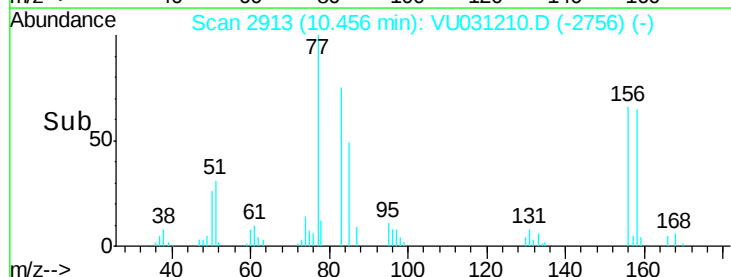
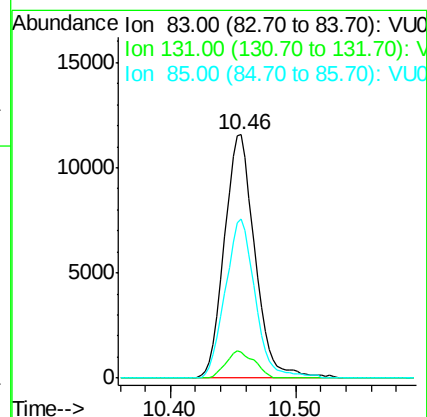
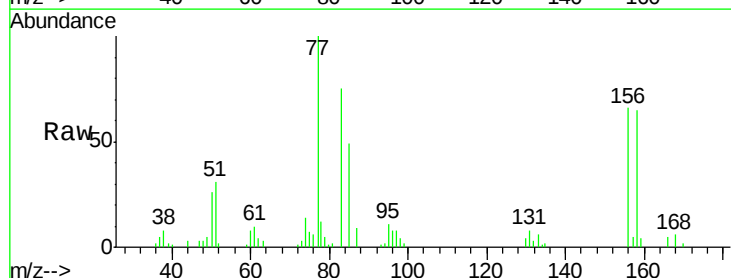
Tgt Ion: 83 Resp: 19597

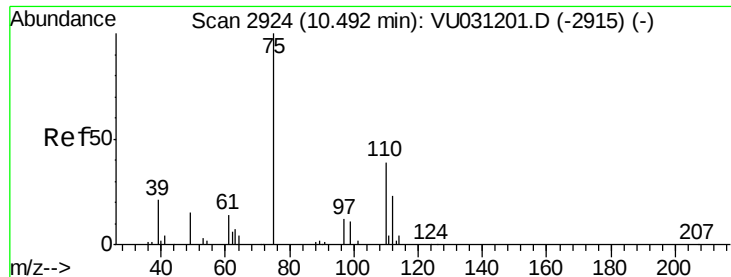
Ion Ratio Lower Upper

83 100

131 10.3 8.0 12.0

85 63.8 51.3 76.9





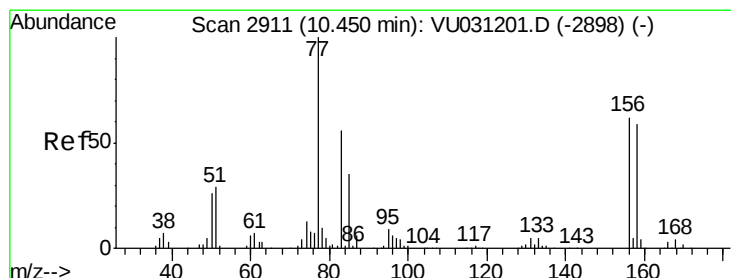
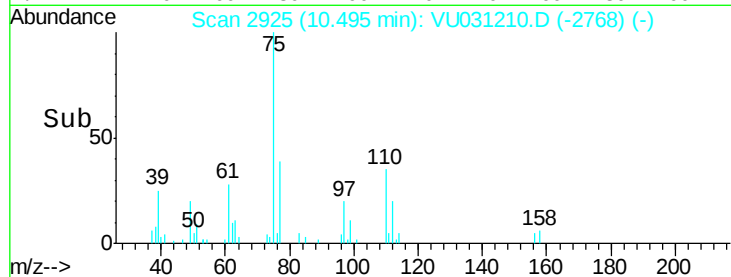
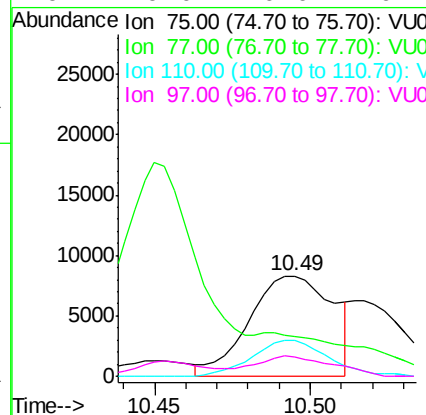
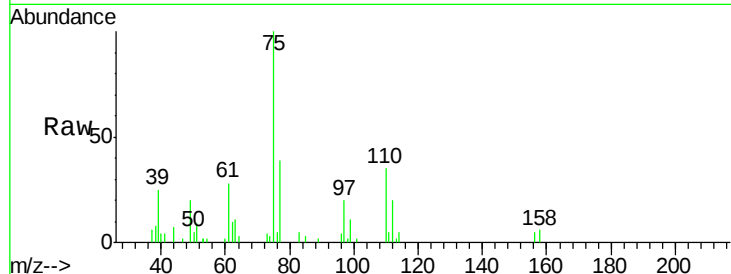
#71
 1,2,3-Trichloropropane
 Concen: 2.142 ug/l m
 RT: 10.49 min Scan# 2925
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Tot Ion:	75	Resp:	15592
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	32.3	0.0	71.0
97	19.0	0.0	40.4

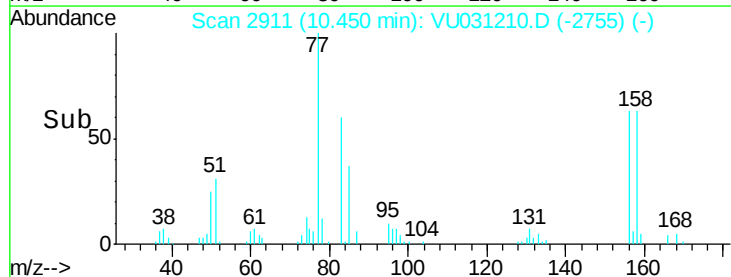
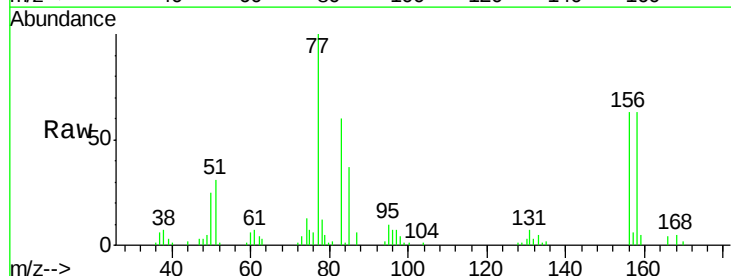
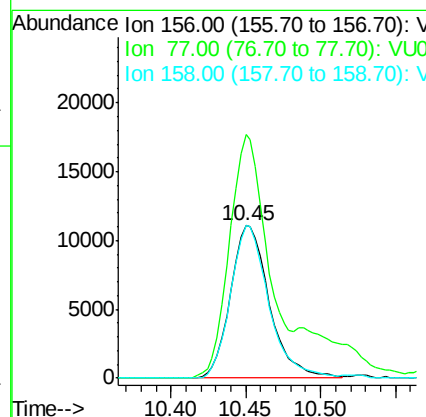
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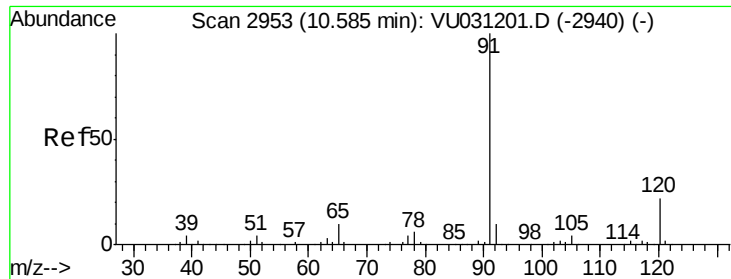
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#72
 Bromobenzene
 Concen: 1.990 ug/l
 RT: 10.45 min Scan# 2911
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion:	156	Resp:	20092
Ion Ratio	Lower	Upper	
156	100		
77	155.7	0.0	322.6
158	97.9	0.0	191.0





#73

n-propylbenzene

Concen: 1.976 ug/l

RT: 10.58 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion:120 Resp: 20132

Ion Ratio Lower Upper

120 100

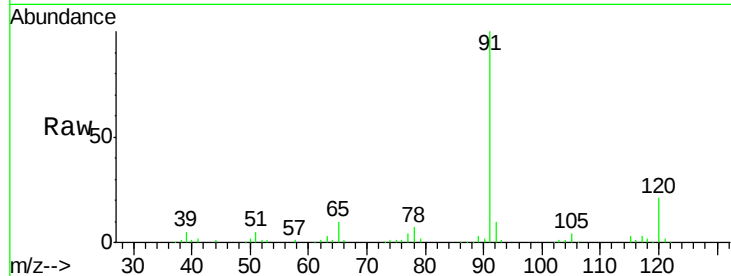
91 460.7 364.9 547.3

Manual Integrations

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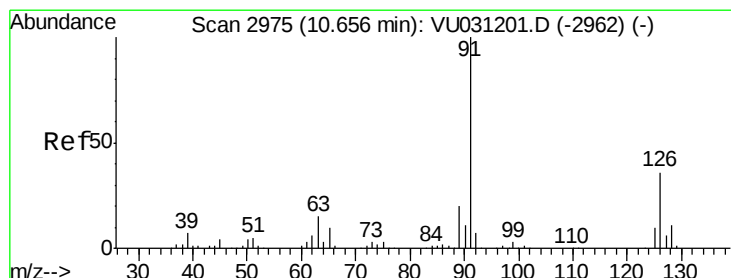
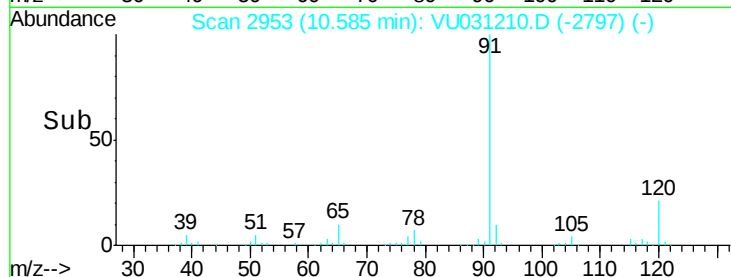
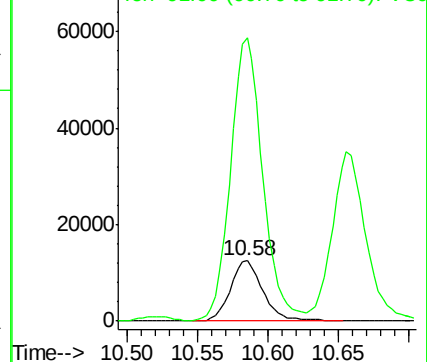
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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 2.029 ug/l

RT: 10.66 min Scan# 2976

Delta R.T. 0.00 min

Lab File: VU031210.D

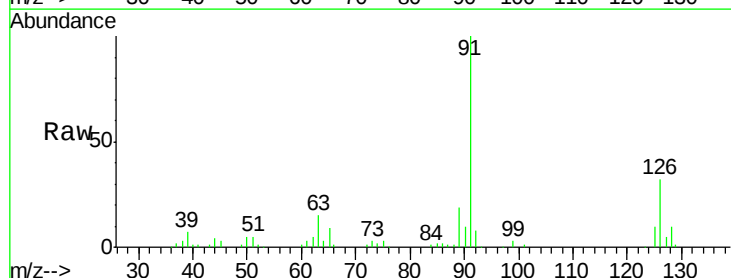
Acq: 16 Apr 2019 13:05

Tgt Ion:126 Resp: 19064

Ion Ratio Lower Upper

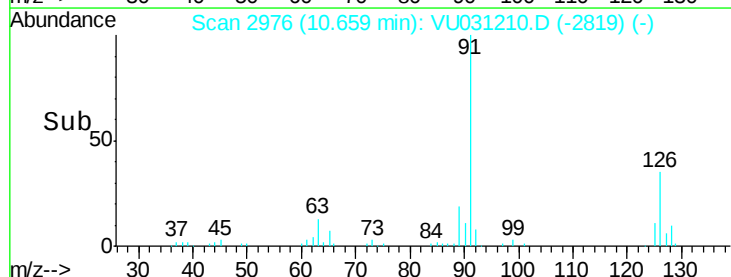
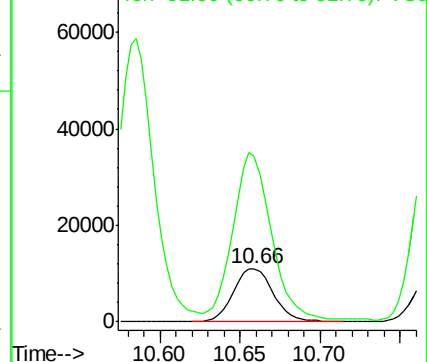
126 100

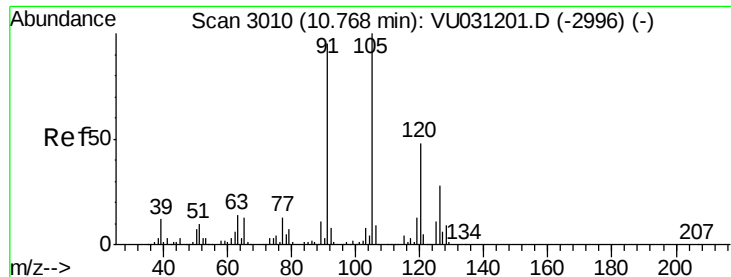
91 296.2 0.0 612.6



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: 1.921 ug/l

RT: 10.77 min Scan# 3010

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion:105 Resp: 62043

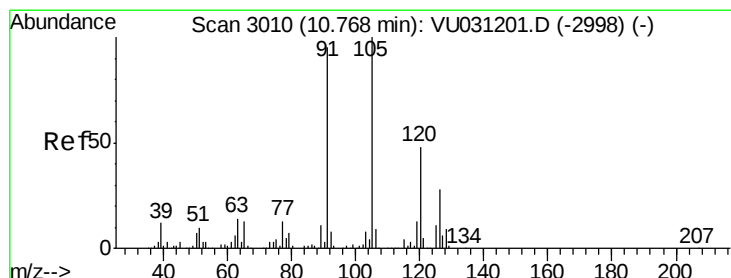
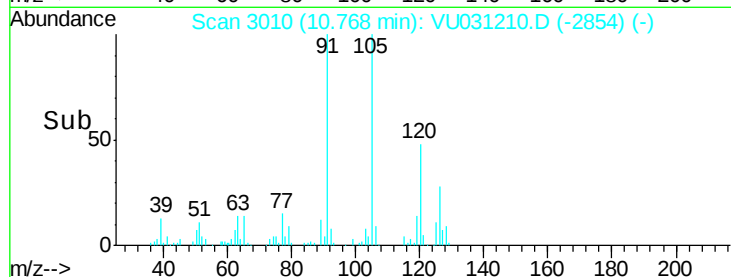
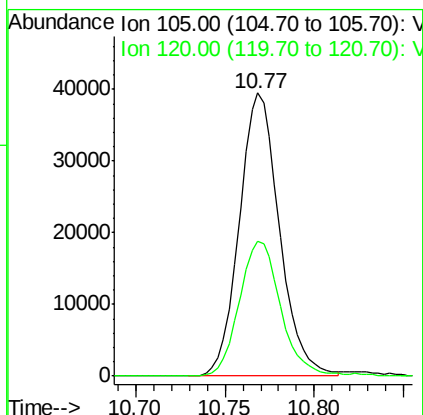
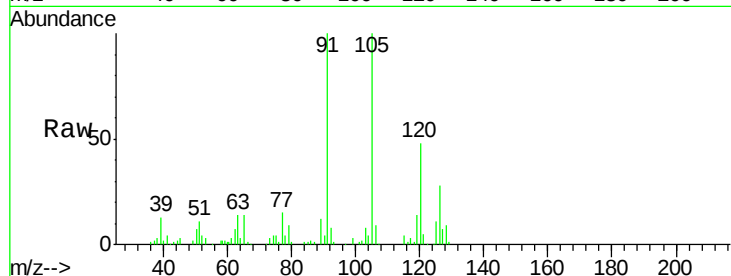
Ion Ratio Lower Upper

105 100

120 49.2 38.7 58.1

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#76

4-Chlorotoluene

Concen: 2.007 ug/l

RT: 10.77 min Scan# 3011

Delta R.T. 0.00 min

Lab File: VU031210.D

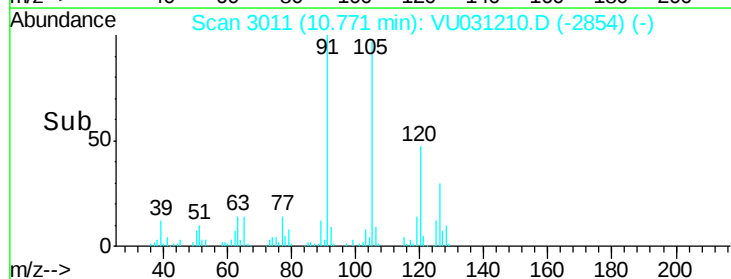
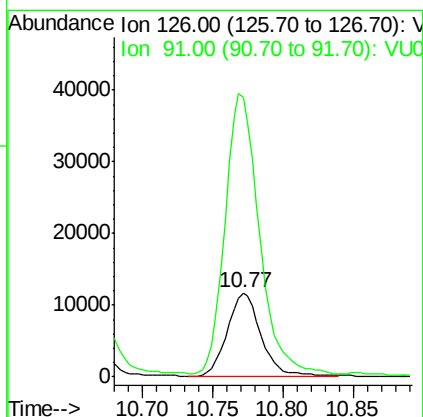
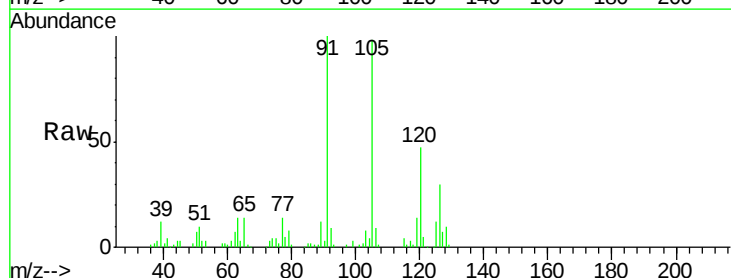
Acq: 16 Apr 2019 13:05

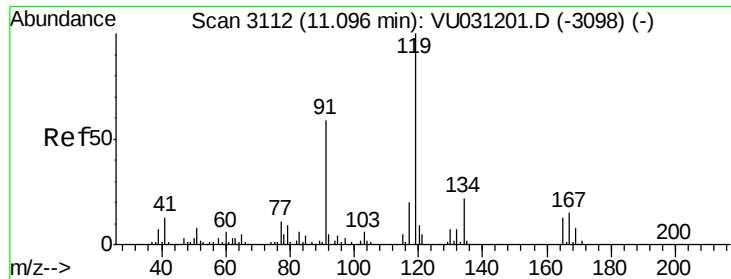
Tgt Ion:126 Resp: 18996

Ion Ratio Lower Upper

126 100

91 348.0 0.0 683.8





#77

tert-Butylbenzene

Concen: 1.988 ug/l

RT: 11.10 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

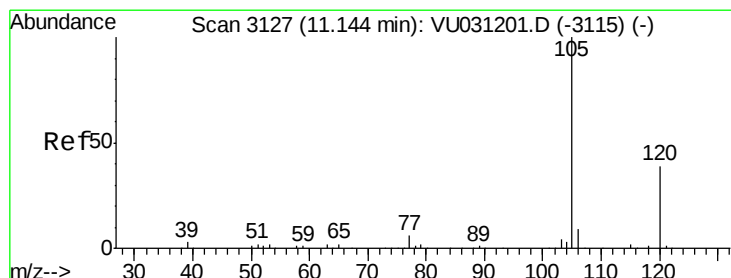
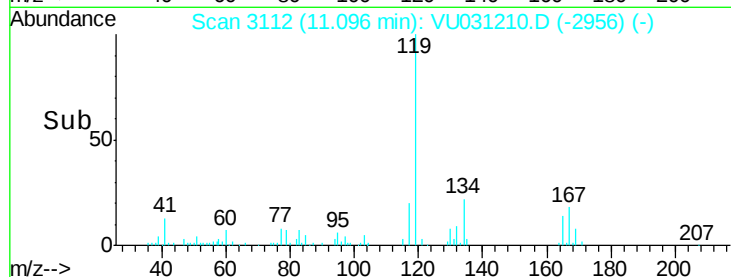
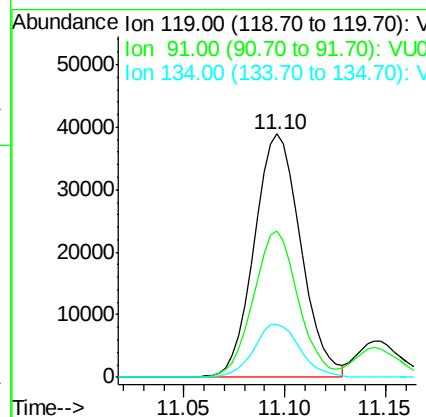
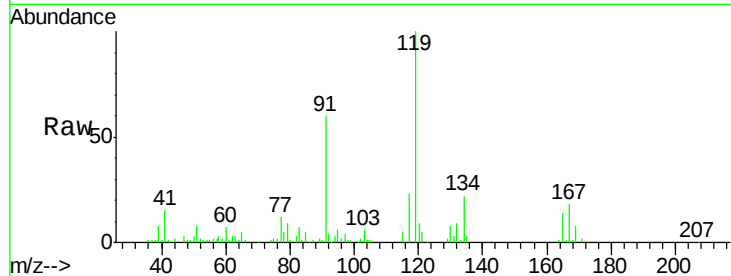
ClientSampleId :

VU0416WBSD01

Tot Ion:	119	Resp:	62801
Ion Ratio	Lower	Upper	
119	100		
91	58.2	29.4	88.3
134	21.6	17.9	26.9

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#78

1,2,4-Trimethylbenzene

Concen: 1.958 ug/l

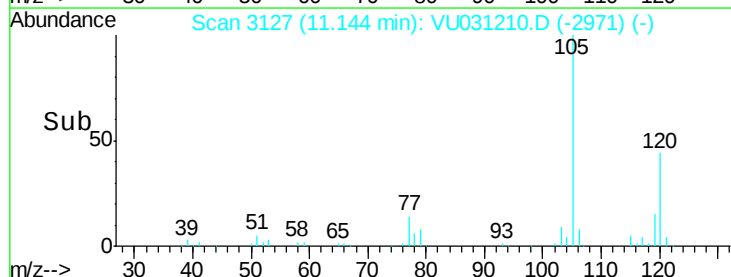
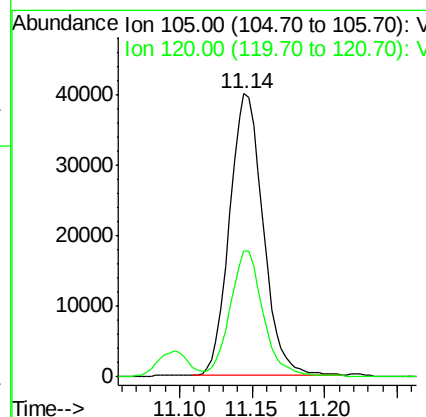
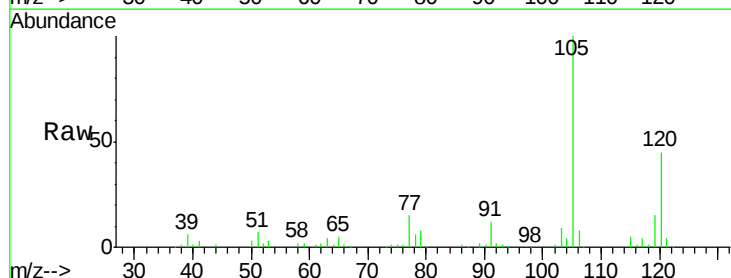
RT: 11.14 min Scan# 3127

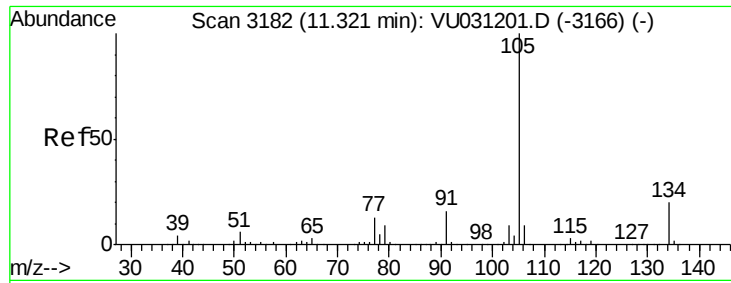
Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Tgt Ion:	105	Resp:	63748
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.4	67.0





#79

sec-Butylbenzene

Concen: 2.048 ug/l

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

Instrument :

MSVOA_U

ClientSampleId :

VU0416WBSD01

Tot Ion:105 Resp: 87055

Ion Ratio Lower Upper

105 100

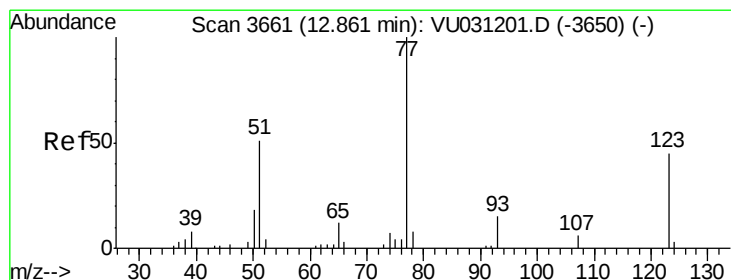
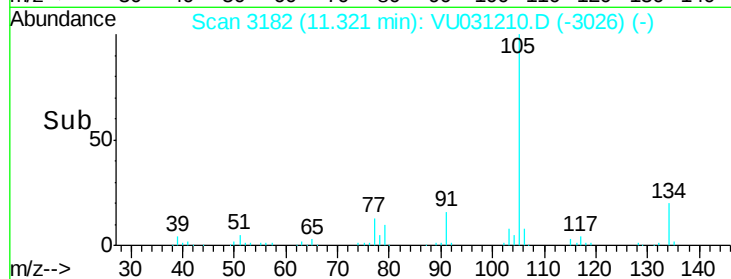
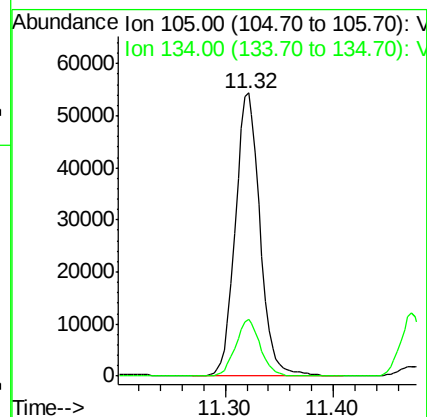
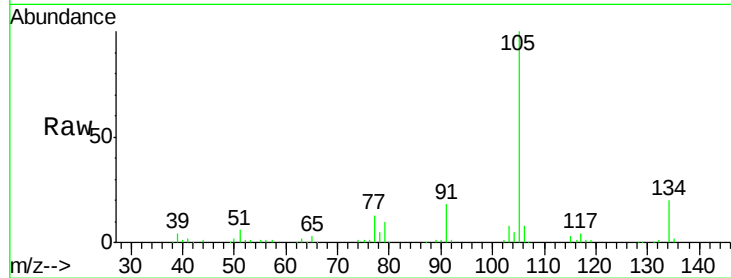
134 19.9 15.5 23.3

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#80

Nitrobenzene

Concen: 8.670 ug/l m

RT: 12.88 min Scan# 3668

Delta R.T. 0.02 min

Lab File: VU031210.D

Acq: 16 Apr 2019 13:05

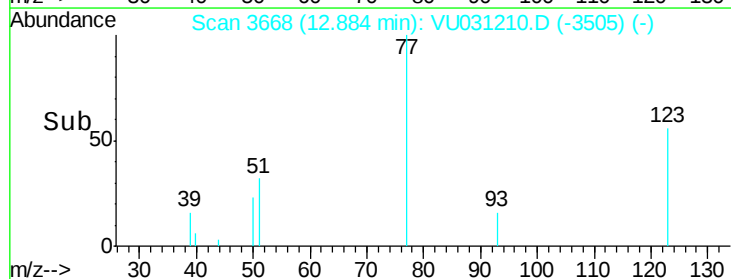
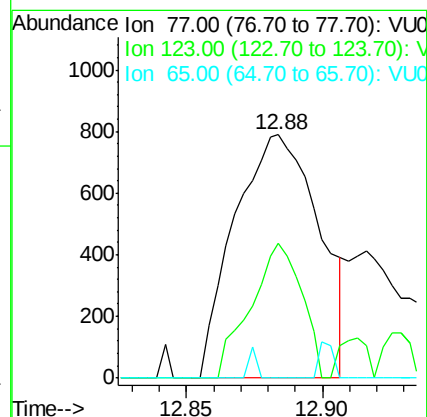
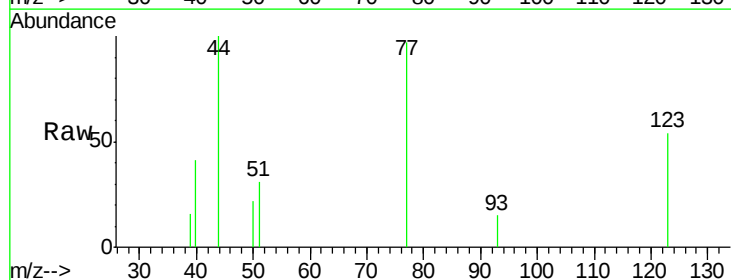
Tgt Ion: 77 Resp: 1709

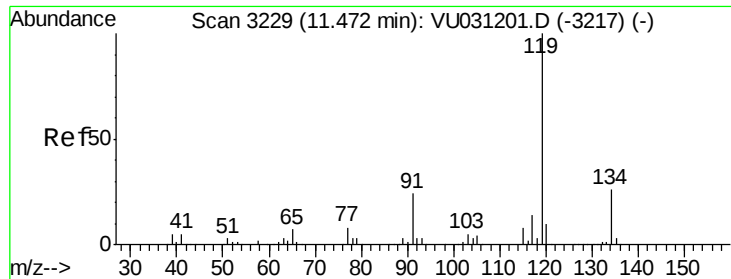
Ion Ratio Lower Upper

77 100

123 33.5 17.1 60.7

65 1.1 9.4 12.0#





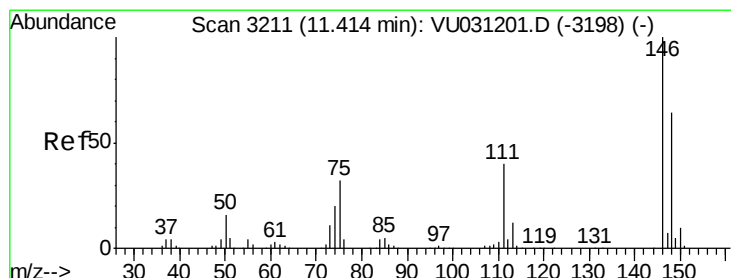
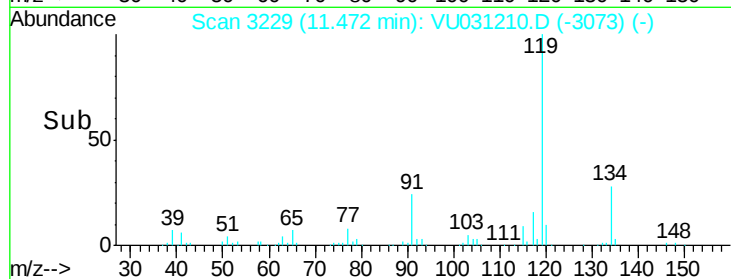
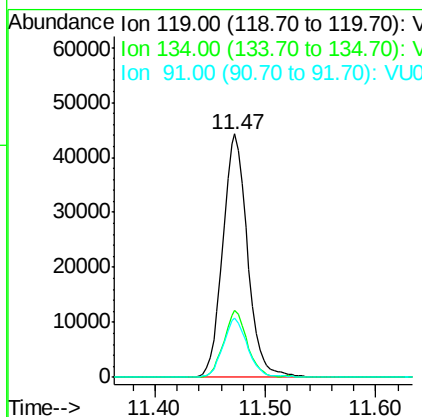
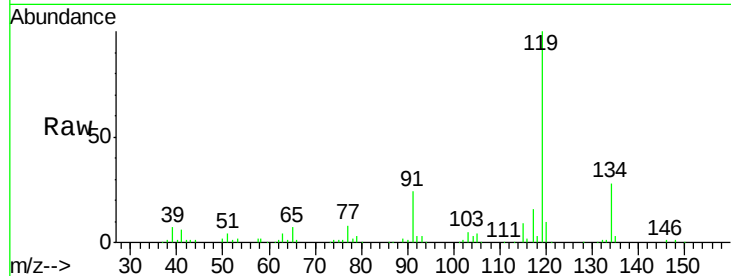
#81
 p-Isopropyltoluene
 Concen: 2.020 ug/l
 RT: 11.47 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	21.0	31.4
91	24.3	19.4	29.2

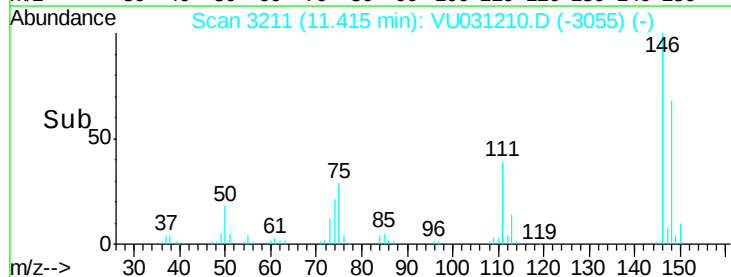
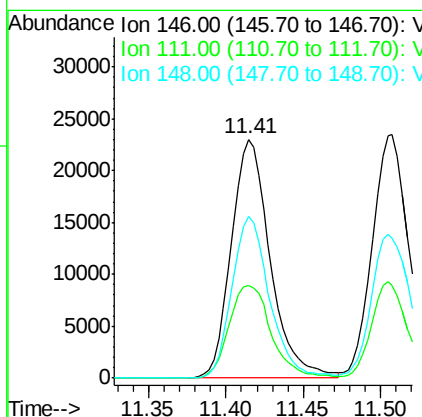
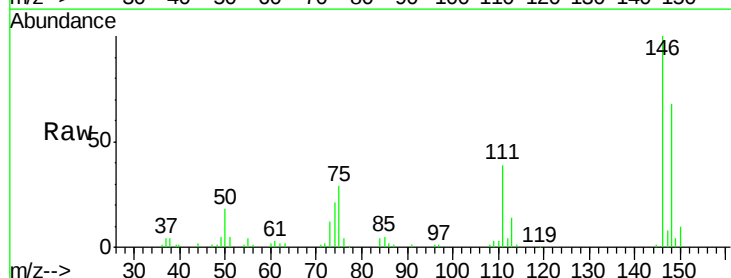
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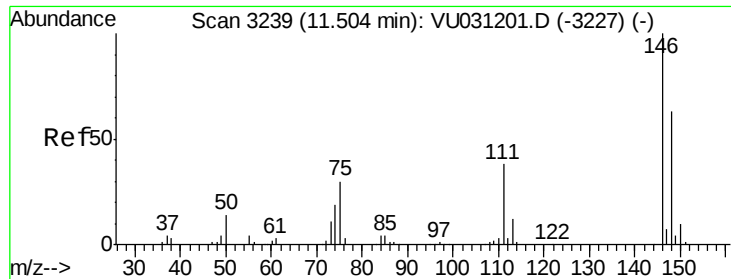
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#82
 1,3-Dichlorobenzene
 Concen: 2.015 ug/l
 RT: 11.41 min Scan# 3211
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	32.4	48.6
148	65.5	50.8	76.2





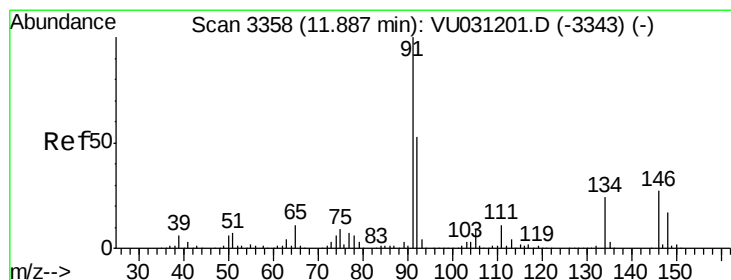
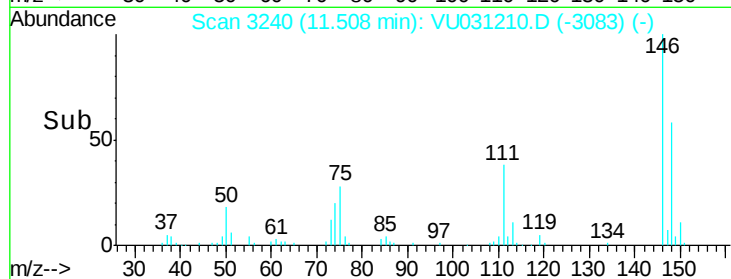
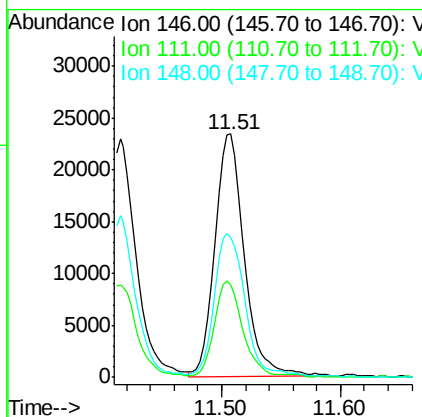
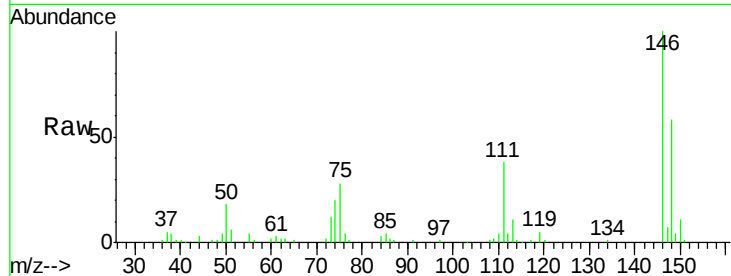
#83
 1,4-Dichlorobenzene
 Concen: 2.069 ug/l
 RT: 11.51 min Scan# 3240
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	30.6	46.0
148	61.8	51.1	76.7

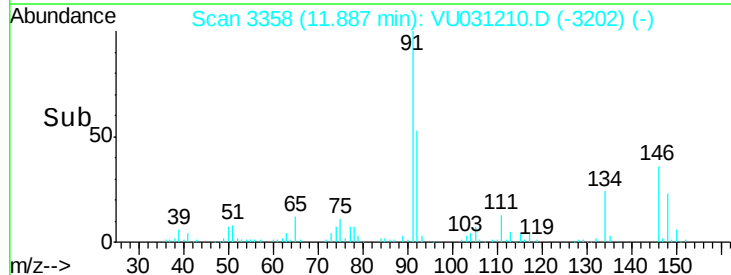
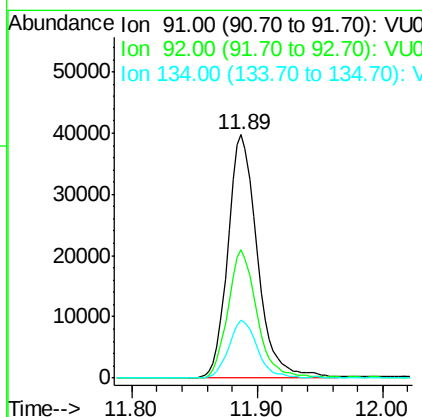
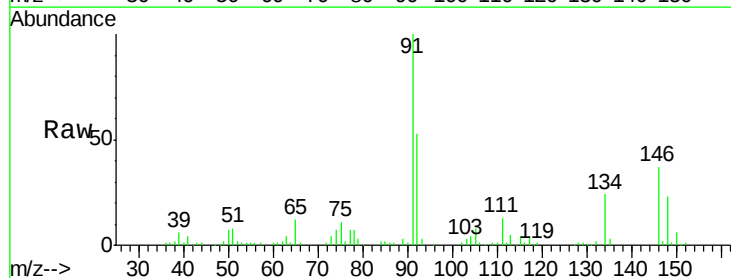
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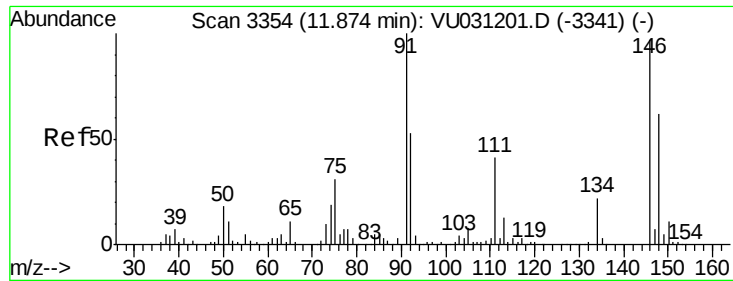
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#84
 n-Butylbenzene
 Concen: 1.972 ug/l
 RT: 11.89 min Scan# 3358
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	42.6	63.8
134	23.0	19.1	28.7





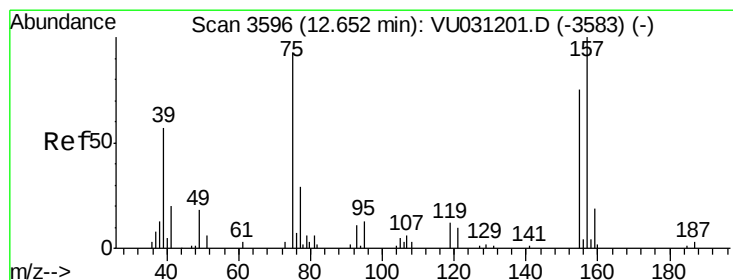
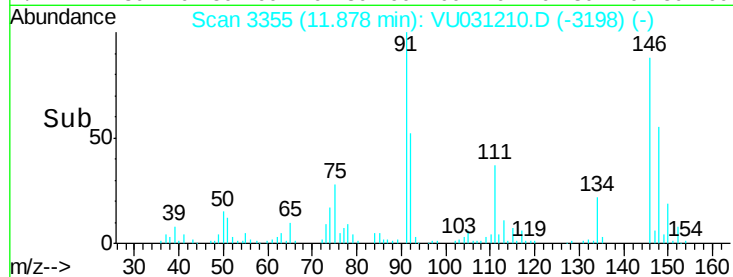
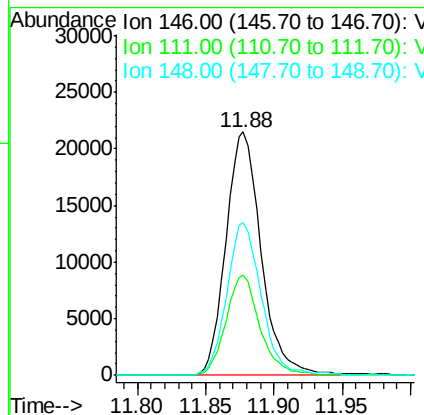
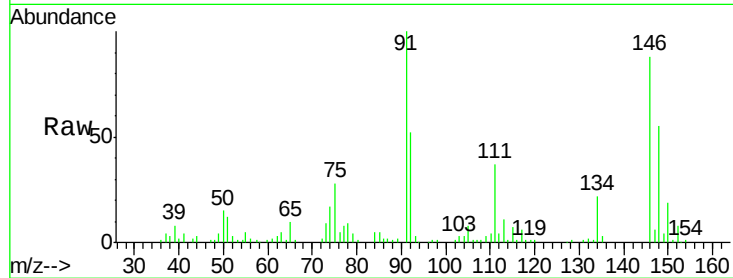
#85
 1,2-Dichlorobenzene
 Concen: 2.063 ug/l
 RT: 11.88 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.8	62.5
148	61.0	31.4	94.3

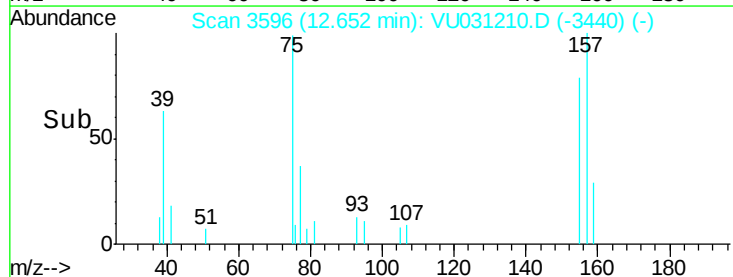
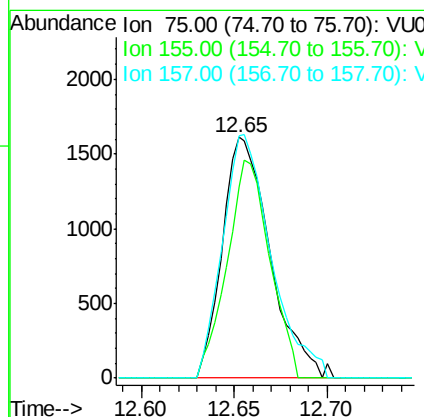
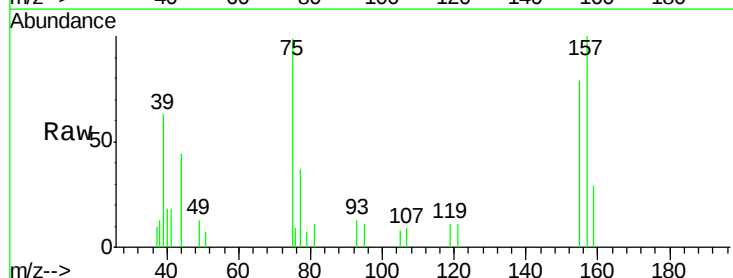
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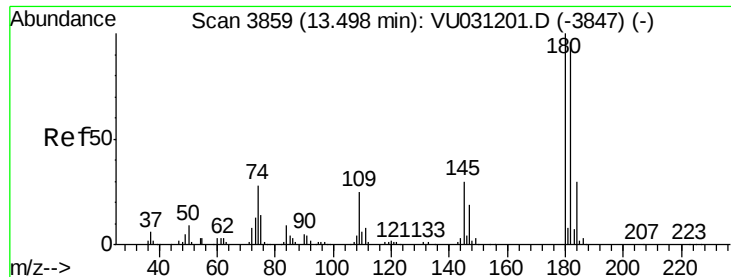
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.993 ug/l
 RT: 12.65 min Scan# 3596
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.5	61.7	92.5
157	102.4	81.3	121.9





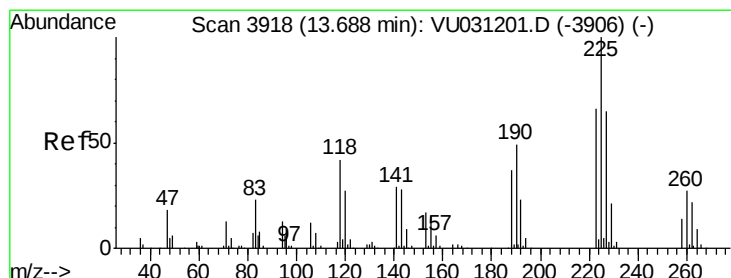
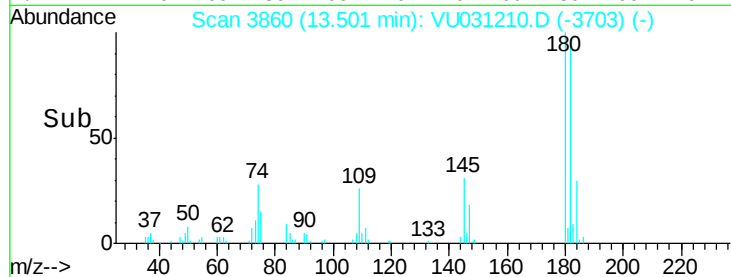
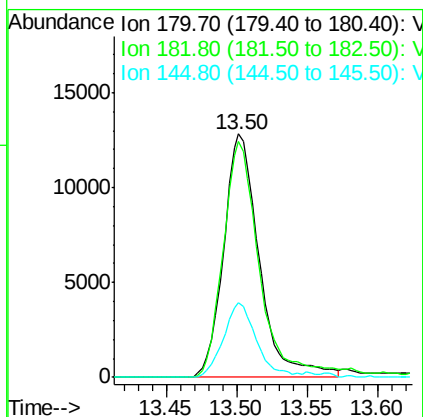
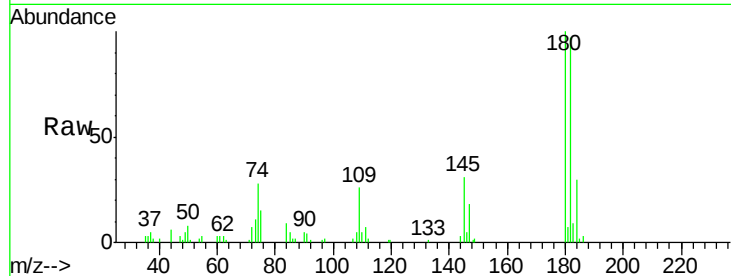
#87
 1,2,4-Trichlorobenzene
 Concen: 1.987 ug/l
 RT: 13.50 min Scan# 3860
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.3	75.0	112.6
145	27.8	23.4	35.2

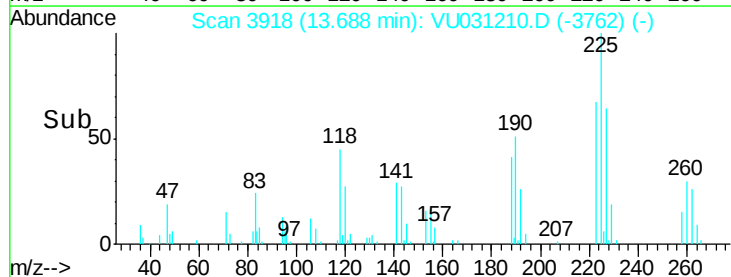
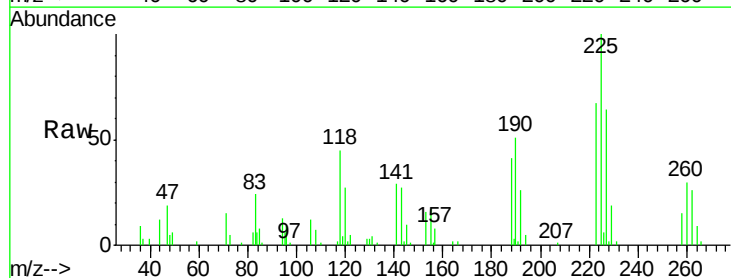
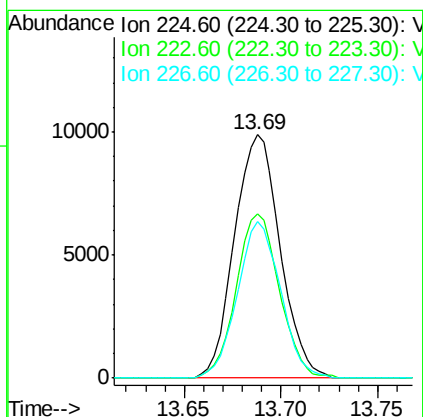
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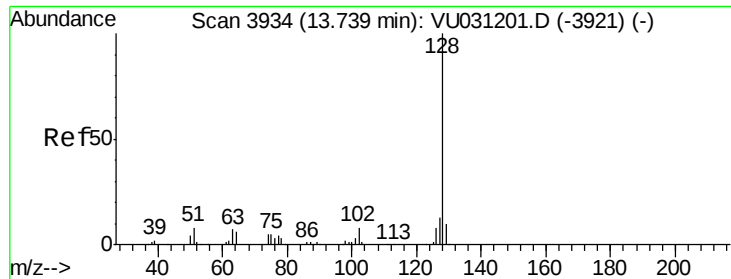
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#88
 Hexachlorobutadiene
 Concen: 2.123 ug/l
 RT: 13.69 min Scan# 3918
 Delta R.T. 0.00 min
 Lab File: VU031210.D
 Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.4	77.2
227	60.7	51.2	76.8





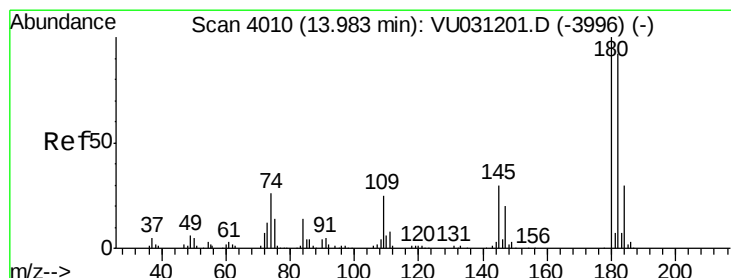
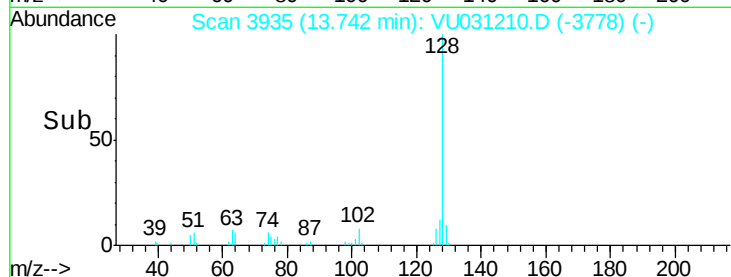
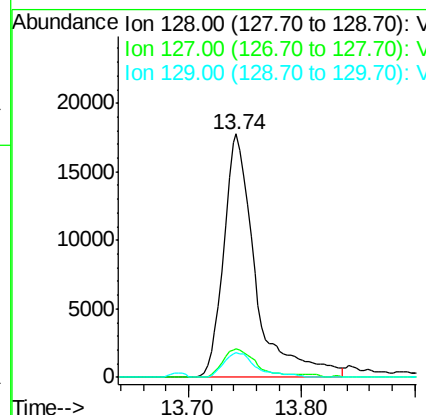
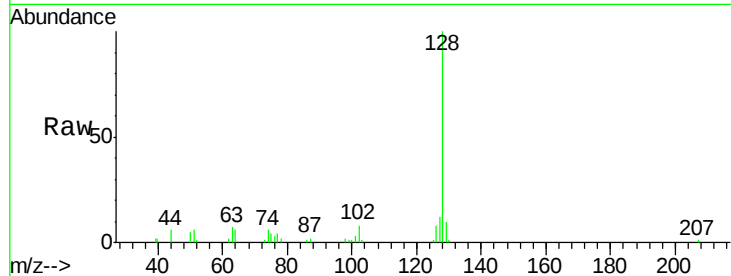
#89
Naphthalene
Concen: 1.936 ug/l
RT: 13.74 min Scan# 3935
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Instrument :
MSVOA_U
ClientSampleId :
VU0416WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.0	11.0	16.4
129	10.5	8.3	12.5

Manual Integrations
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#90
1,2,3-Trichlorobenzene
Concen: 1.983 ug/l
RT: 13.98 min Scan# 4010
Delta R.T. 0.00 min
Lab File: VU031210.D
Acq: 16 Apr 2019 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.4	114.6
145	32.6	25.3	37.9

