

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060419\
 Data File : VW010680.D
 Acq On : 04 Jun 2019 18:04
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW060419

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 3:05:16 PM

Quant Time: Jun 05 03:33:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	179335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	160638	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
35) Dibromofluoromethane	7.88	113	127569	57.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.08%	
50) Toluene-d8	10.32	98	532248	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	12.62	95	193804	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	121504	51.529	ug/l	99
3) Chloromethane	2.21	50	187281	53.984	ug/l	100
4) Vinyl Chloride	2.35	62	171445	53.489	ug/l	98
5) Bromomethane	2.75	94	95210	54.092	ug/l	98
6) Chloroethane	2.91	64	106669	55.443	ug/l	98
7) Trichlorofluoromethane	3.25	101	228257	54.860	ug/l	100
8) Diethyl Ether	3.68	74	81523	54.828	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	139765	54.638	ug/l	98
10) Methyl Iodide	4.27	142	149462	56.074	ug/l	99
11) Tert butyl alcohol	5.17	59	67872	277.010	ug/l	99
12) 1,1-Dichloroethene	4.04	96	135593	54.949	ug/l	97
13) Acrolein	3.90	56	24886	248.557	ug/l	98
14) Allyl chloride	4.67	41	308505	56.701	ug/l	100
15) Acrylonitrile	5.37	53	202454	280.268	ug/l	99
16) Acetone	4.12	43	229878	285.257	ug/l	100
17) Carbon Disulfide	4.38	76	443059	56.561	ug/l	100
18) Methyl Acetate	4.67	43	93816	54.082	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	394465	55.426	ug/l	97
20) Methylene Chloride	4.92	84	153034	54.132	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	154785	55.256	ug/l	98
22) Diisopropyl ether	6.31	45	614280	56.393	ug/l	99
23) Vinyl Acetate	6.26	43	1864677	283.654	ug/l	100
24) 1,1-Dichloroethane	6.21	63	305434	55.952	ug/l	98
25) 2-Butanone	7.17	43	316078	282.859	ug/l	100
26) 2,2-Dichloropropane	7.17	77	250536	56.401	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	171842	55.743	ug/l	99
28) Bromochloromethane	7.51	49	137178	56.309	ug/l	100
29) Tetrahydrofuran	7.53	42	192723	274.198	ug/l	99
30) Chloroform	7.68	83	280201	56.118	ug/l	97
31) Cyclohexane	7.95	56	319113	52.588	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	244276	56.006	ug/l	99
36) 1,1-Dichloropropene	8.08	75	237486	56.308	ug/l	100
37) Ethyl Acetate	7.25	43	128112	54.815	ug/l	99
38) Carbon Tetrachloride	8.07	117	206994	56.853	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	301432	56.221	ug/l	98
40) Benzene	8.32	78	647882	56.309	ug/l	100
41) Methacrylonitrile	7.48	41	77825	56.021	ug/l	96
42) 1,2-Dichloroethane	8.40	62	206508	56.550	ug/l	100
43) Isopropyl Acetate	8.43	43	258109	57.164	ug/l	100
44) Trichloroethene	9.09	130	158925	55.994	ug/l	100
45) 1,2-Dichloropropane	9.37	63	173715	57.035	ug/l	98
46) Dibromomethane	9.46	93	79947	56.512	ug/l	99
47) Bromodichloromethane	9.65	83	211760	57.746	ug/l	99
48) Methyl methacrylate	9.43	41	123671	56.808	ug/l	98
49) 1,4-Dioxane	9.45	88	25858	1169.098	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	654523	283.747	ug/l	100
52) Toluene	10.39	92	398496	56.290	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	227555	58.585	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	266899	58.395	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	114367	56.118	ug/l	99
56) Ethyl methacrylate	10.65	69	181160	57.769	ug/l	98
57) 1,3-Dichloropropane	10.93	76	218010	56.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	445873	271.455	ug/l	99
59) 2-Hexanone	10.97	43	481044	288.549	ug/l	100
60) Dibromochloromethane	11.13	129	132202	58.518	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108243	56.057	ug/l	99
64) Tetrachloroethene	10.87	164	135420	55.289	ug/l	99
65) Chlorobenzene	11.66	112	401731	55.379	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	144073	57.373	ug/l	100
67) Ethyl Benzene	11.73	91	778827	55.863	ug/l	99
68) m/p-Xylenes	11.84	106	565222	113.254	ug/l	100
69) o-Xylene	12.17	106	266688	56.343	ug/l	99
70) Styrene	12.18	104	469937	57.153	ug/l	100
71) Bromoform	12.35	173	74598	57.439	ug/l #	99
73) Isopropylbenzene	12.47	105	742599	55.104	ug/l	100
74) N-amyl acetate	12.27	43	247841	56.905	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	139838	54.506	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	102994m	54.689	ug/l	
77) Bromobenzene	12.75	156	163151	55.462	ug/l	99
78) n-propylbenzene	12.80	91	903801	55.619	ug/l	100
79) 2-Chlorotoluene	12.90	91	511826	55.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	617360	55.968	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	47931	58.495	ug/l	96
82) 4-Chlorotoluene	12.99	91	532706	55.603	ug/l	100
83) tert-Butylbenzene	13.21	119	518428	55.379	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	628279	56.602	ug/l	100
85) sec-Butylbenzene	13.38	105	758570	55.655	ug/l	100
86) p-Isopropyltoluene	13.50	119	685681	56.256	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	316207	55.740	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	310290	55.172	ug/l	100
89) n-Butylbenzene	13.83	91	693057	56.989	ug/l	100
90) Hexachloroethane	14.10	117	123708	56.674	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	281379	55.155	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25521	57.929	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	208735	58.305	ug/l	98
94) Hexachlorobutadiene	15.24	225	127805	56.881	ug/l	100
95) Naphthalene	15.37	128	378889	58.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	178961	58.779	ug/l	99

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

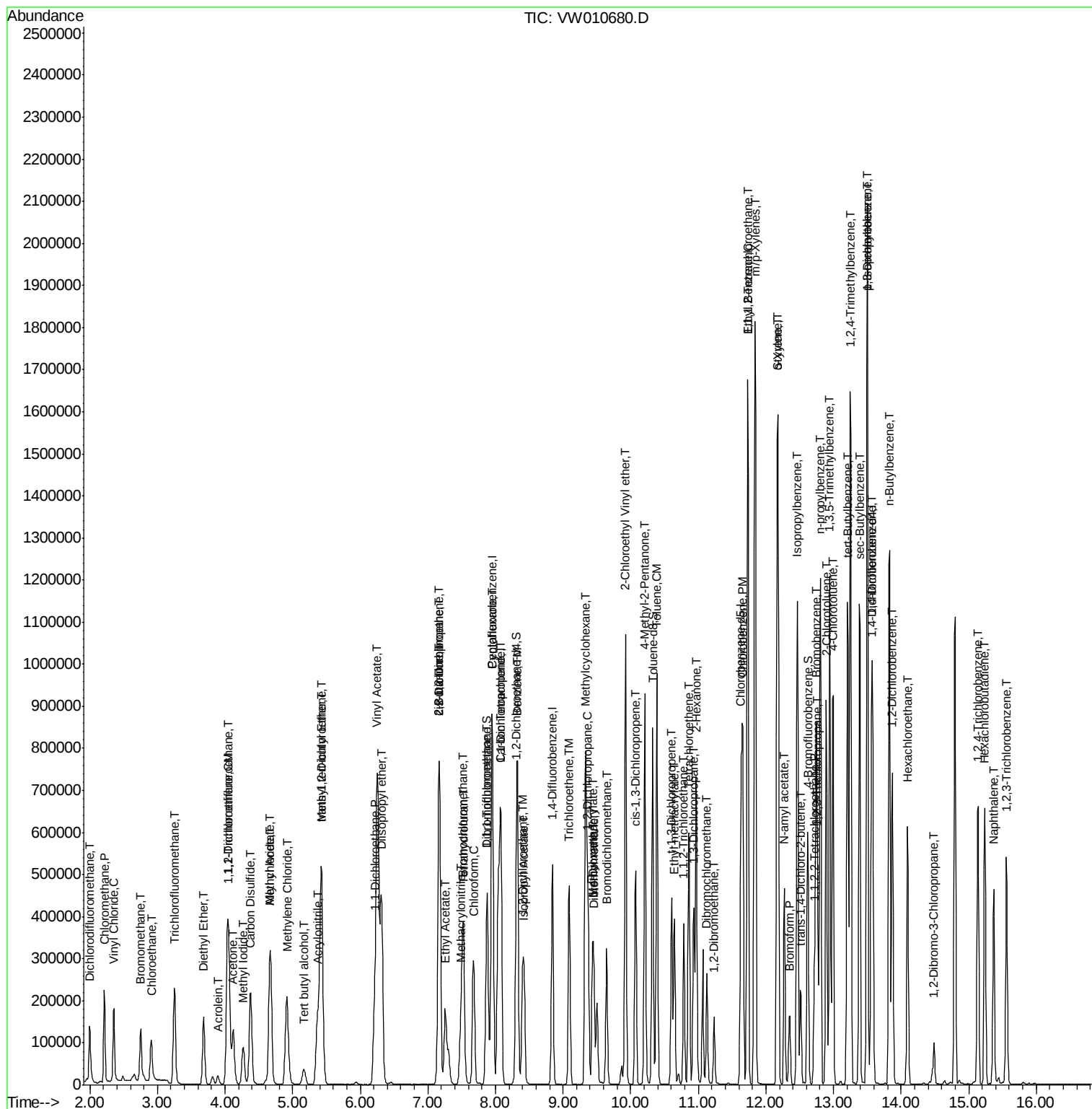
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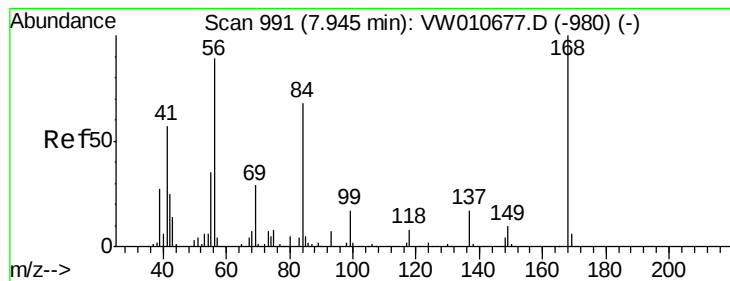
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

Tot Ion:168 Resp: 255163

Ion Ratio Lower Upper

168 100

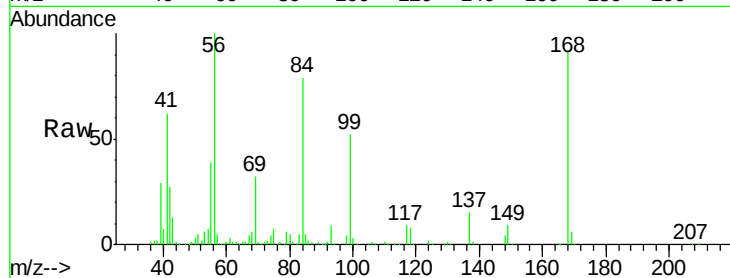
99 57.7 47.7 71.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

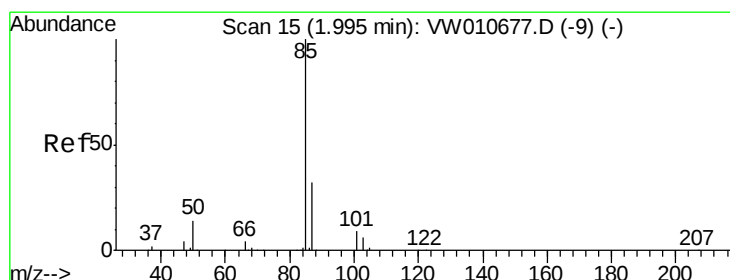
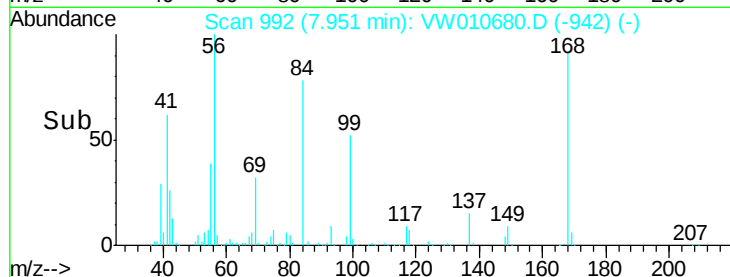
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 51.529 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010680.D

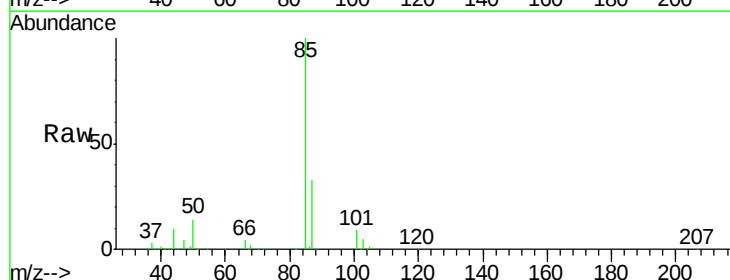
Acq: 04 Jun 2019 18:04

Tgt Ion: 85 Resp: 121504

Ion Ratio Lower Upper

85 100

87 32.8 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

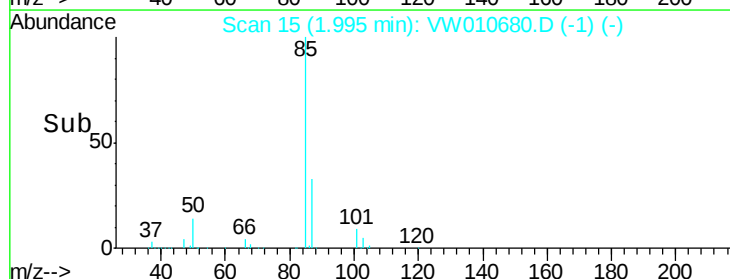
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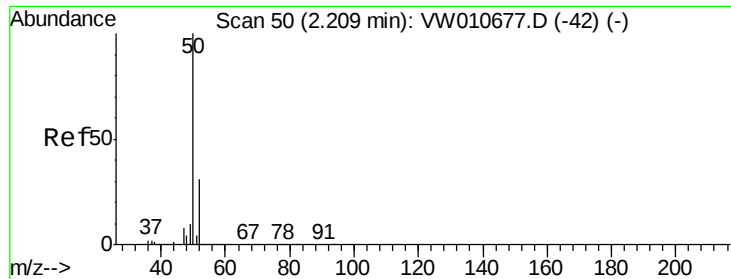
40000

20000

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Time-->





#3

Chloromethane

Concen: 53.984 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

Tot Ion: 50 Resp: 187281

Ion Ratio Lower Upper

50 100

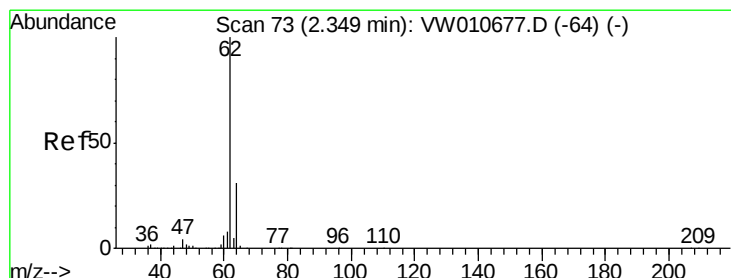
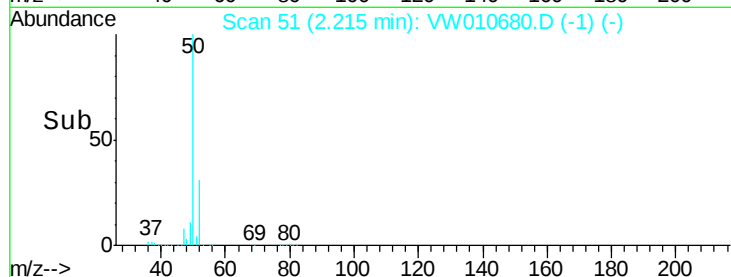
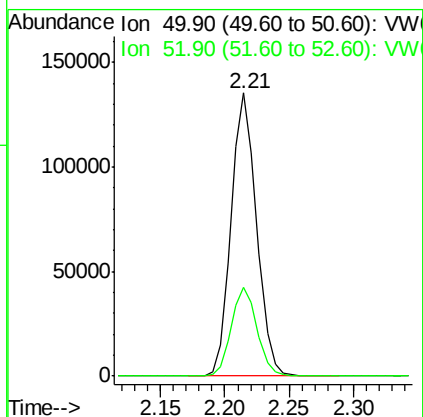
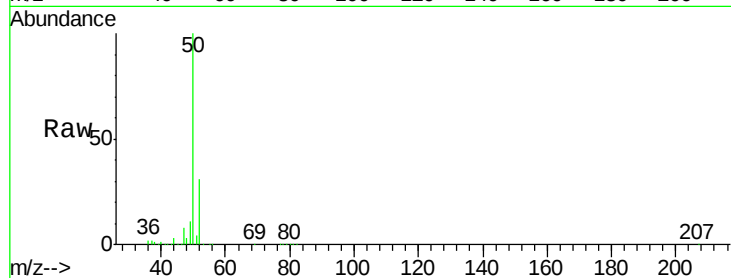
52 31.4 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.489 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010680.D

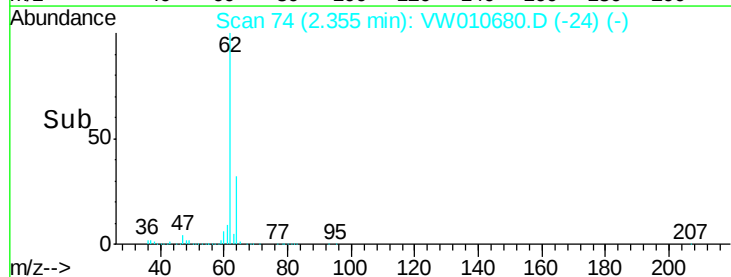
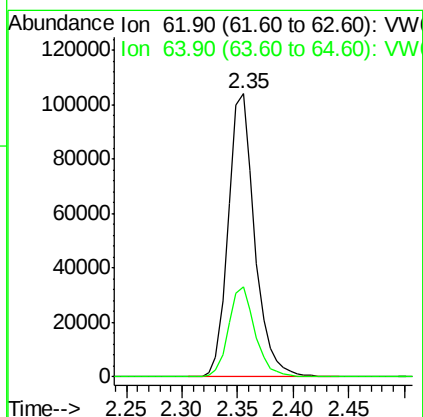
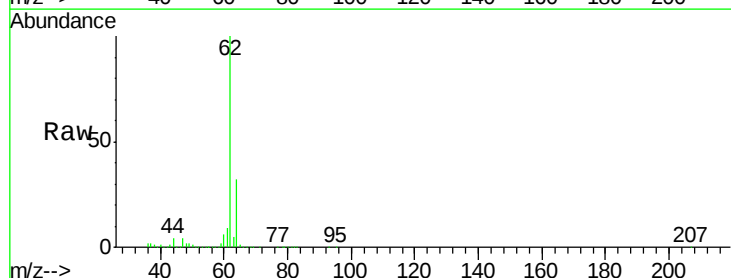
Acq: 04 Jun 2019 18:04

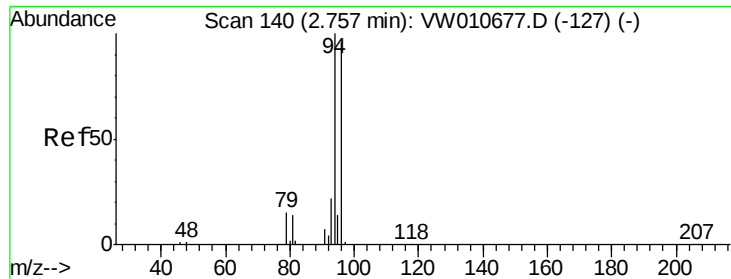
Tgt Ion: 62 Resp: 171445

Ion Ratio Lower Upper

62 100

64 31.9 24.5 36.7





#5

Bromomethane

Concen: 54.092 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

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ClientSampleId :

ICVW060419

Tot Ion: 94 Resp: 95210

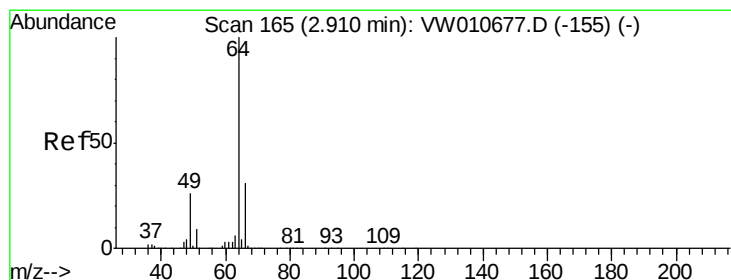
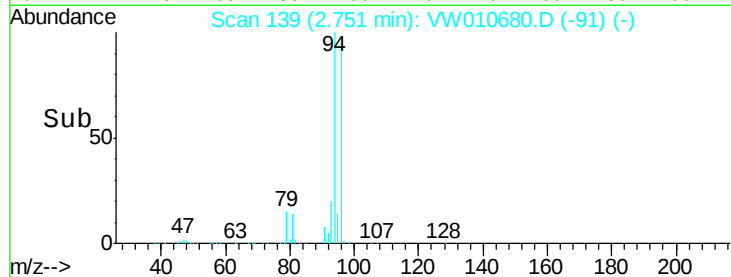
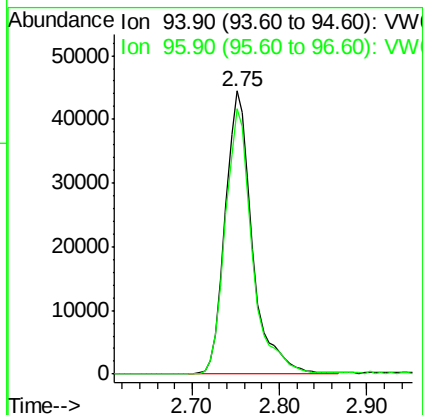
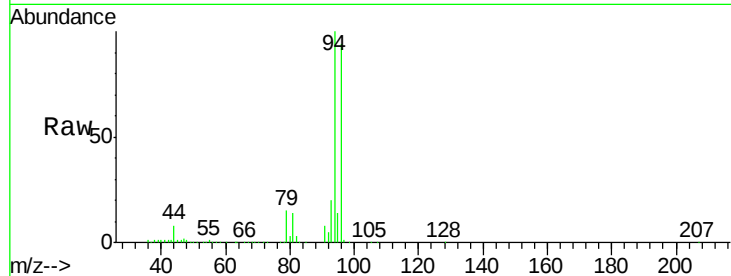
Ion Ratio Lower Upper

94 100

96 93.6 76.5 114.7

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#6

Chloroethane

Concen: 55.443 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010680.D

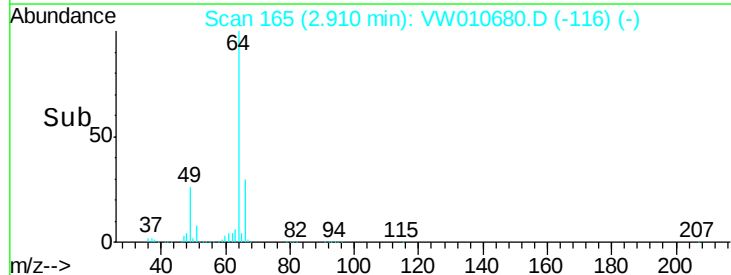
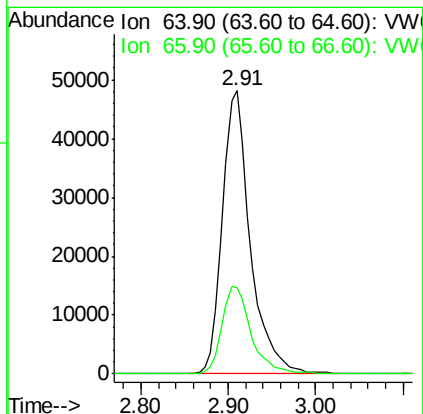
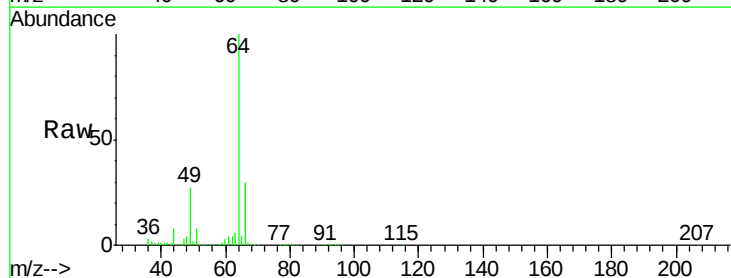
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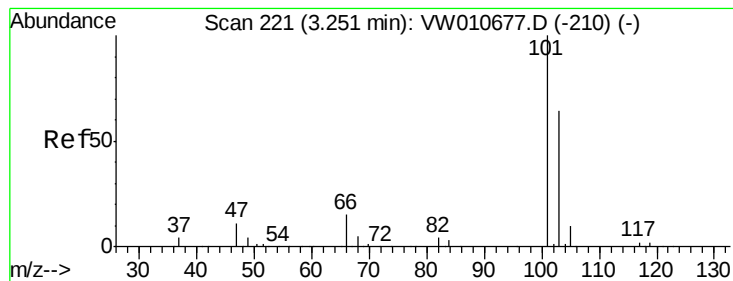
Tgt Ion: 64 Resp: 106669

Ion Ratio Lower Upper

64 100

66 30.2 25.1 37.7





#7

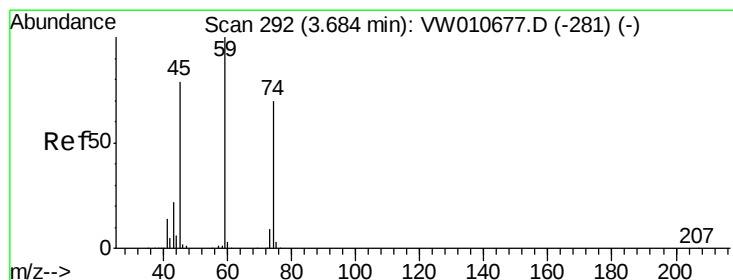
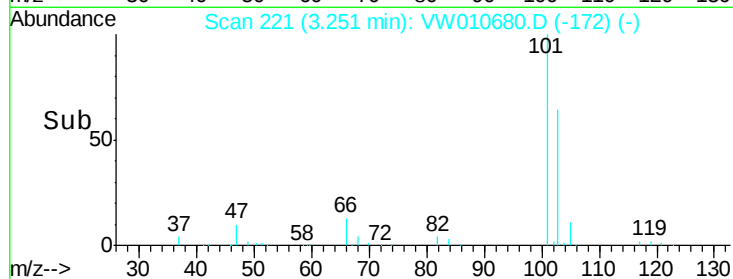
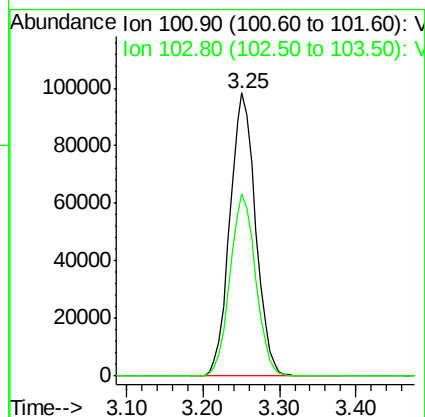
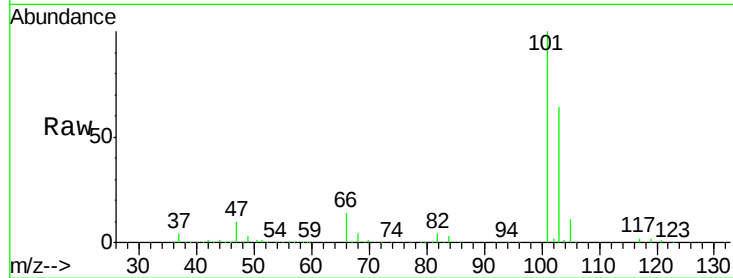
Trichlorofluoromethane
 Concen: 54.860 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

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Tot Ion	101	Resp	228257
Ion Ratio	100	Lower	Upper
101	100		
103	64.3	51.2	76.8

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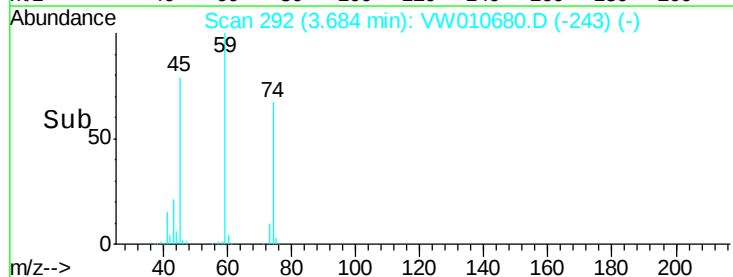
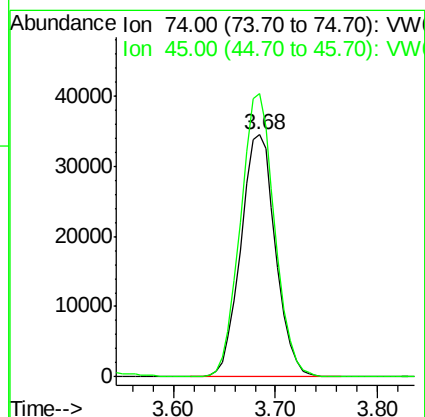
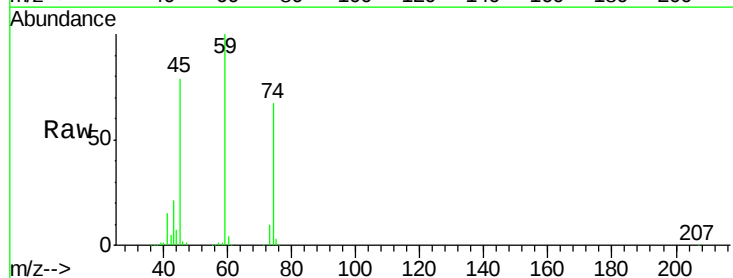
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 6/5/2019 3:05:16 PM

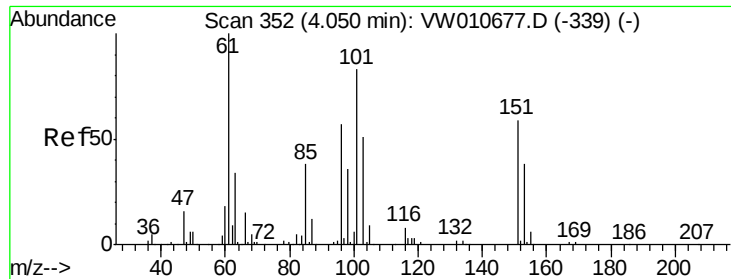


#8

Diethyl Ether
 Concen: 54.828 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	74	Resp	81523
Ion Ratio	100	Lower	Upper
74	100		
45	114.9	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.638 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010680.D

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MSVOA_W

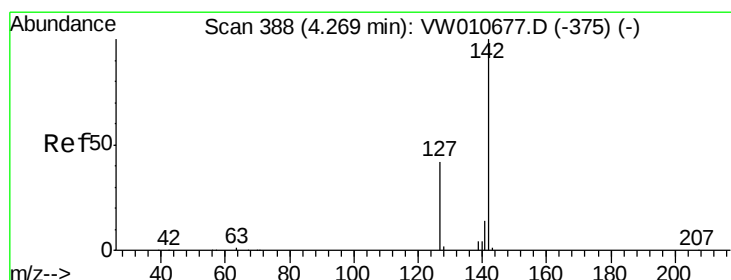
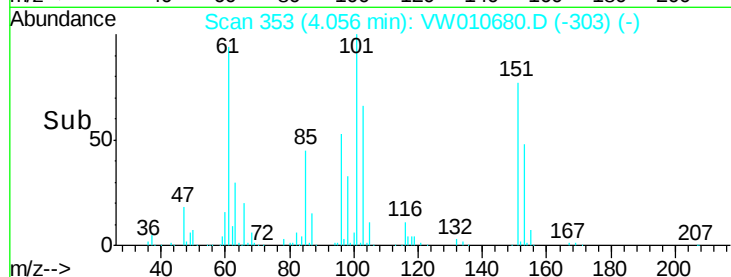
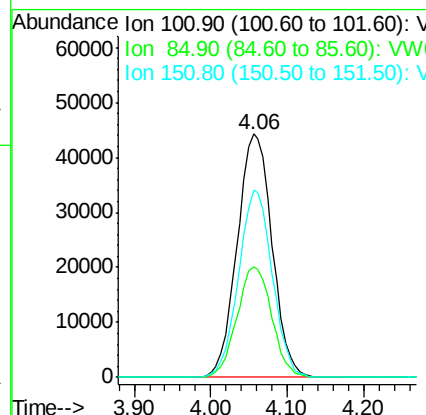
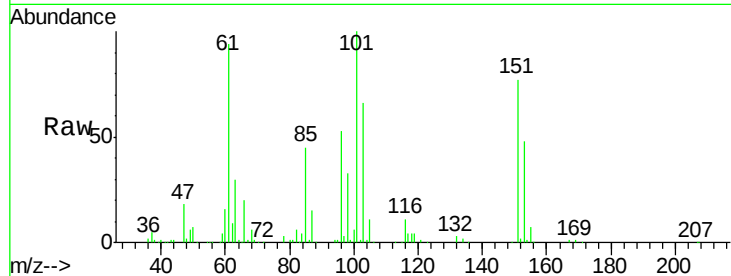
ClientSampled :

ICVW060419

Tot Ion:	101	Resp:	139765
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.8	53.8
151	74.7	58.1	87.1

Manual Integrations
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#10

Methyl Iodide

Concen: 56.074 ug/l

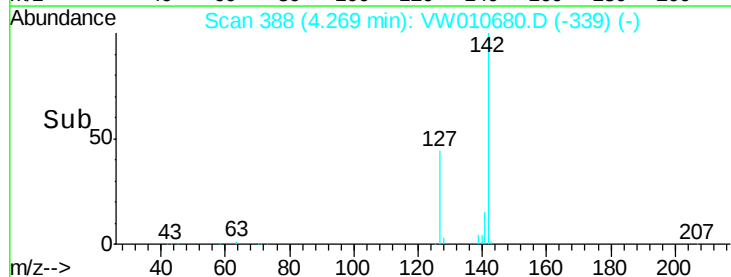
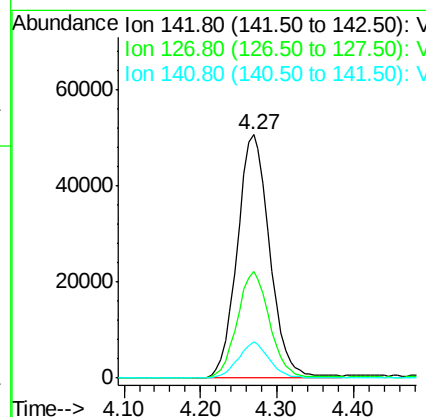
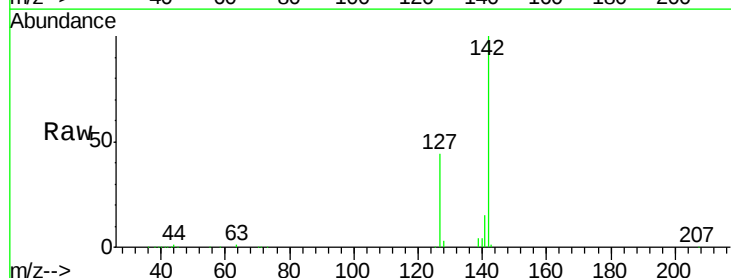
RT: 4.27 min Scan# 388

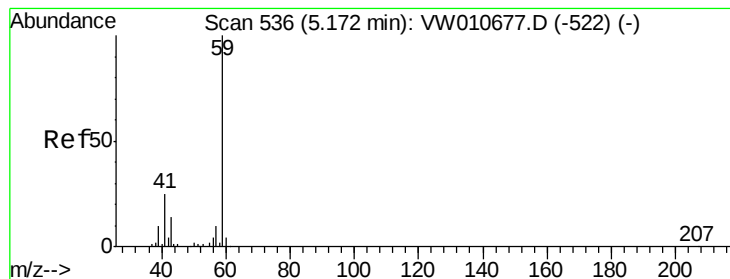
Delta R.T. 0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Tgt Ion:	142	Resp:	149462
Ion Ratio	Lower	Upper	
142	100		
127	43.7	34.6	51.8
141	14.1	11.6	17.4





#11

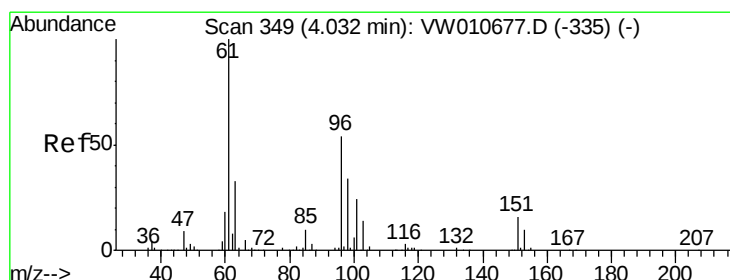
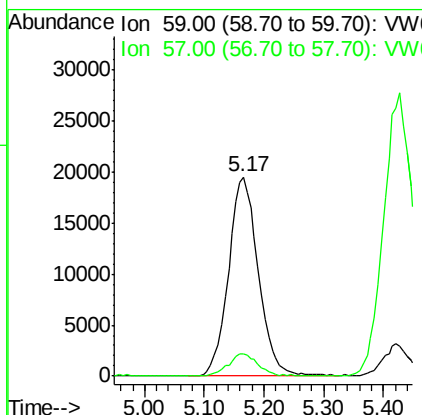
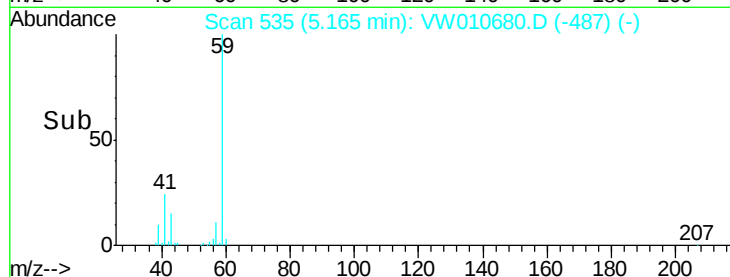
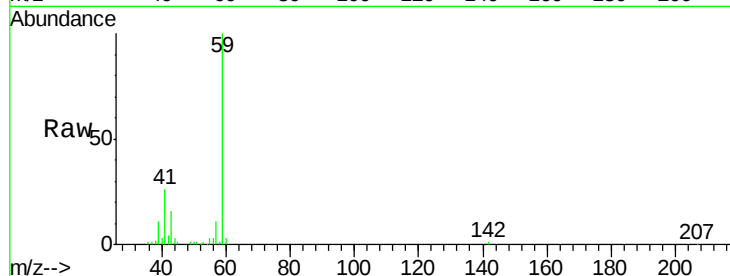
Tert butyl alcohol
Concen: 277.010 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion	59	57	Ratio	100	11.0	Resp	67872	Lower	8.6	Upper	12.8
Ion	59	57	Ratio	100	11.0	Resp	67872	Lower	8.6	Upper	12.8

Manual Integrations
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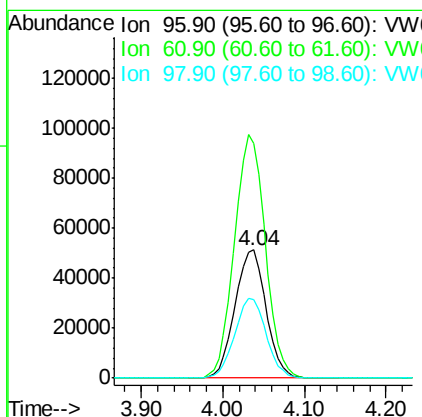
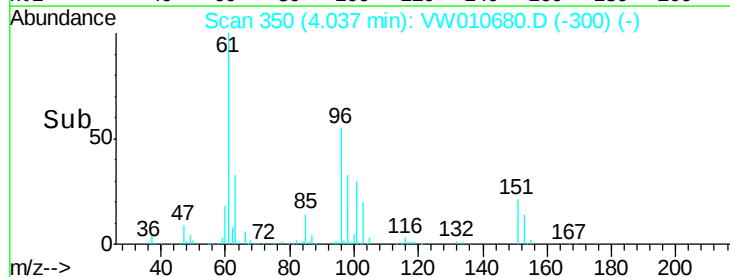
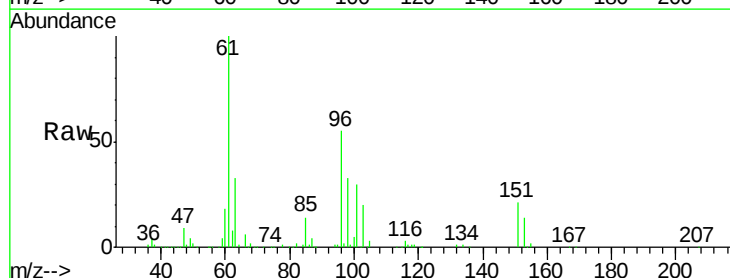
MMDadoda
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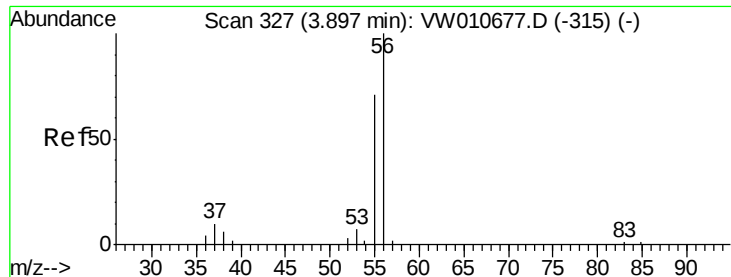


#12

1,1-Dichloroethene
Concen: 54.949 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	96	61	98	Ratio	100	182.8	61.0	Resp	135593	Lower	149.1	Upper	223.7	76.7
Ion	96	61	98	Ratio	100	182.8	61.0	Resp	135593	Lower	149.1	Upper	223.7	76.7





#13

Acrolein

Concen: 248.557 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampled :

ICVW060419

Tot Ion: 56 Resp: 24886

Ion Ratio Lower Upper

56 100

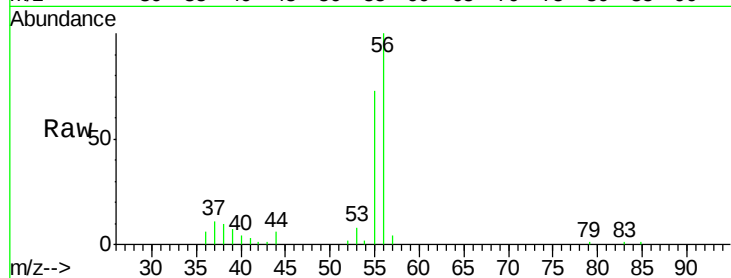
55 70.0 57.6 86.4

Manual Integrations

APPROVED

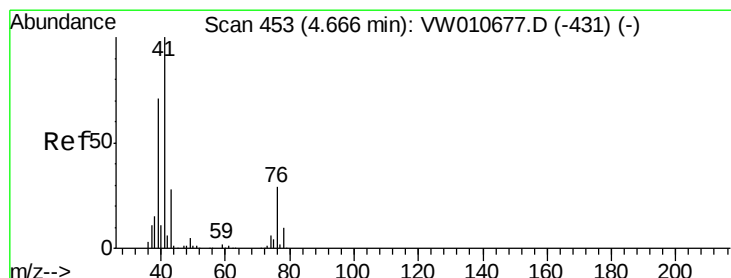
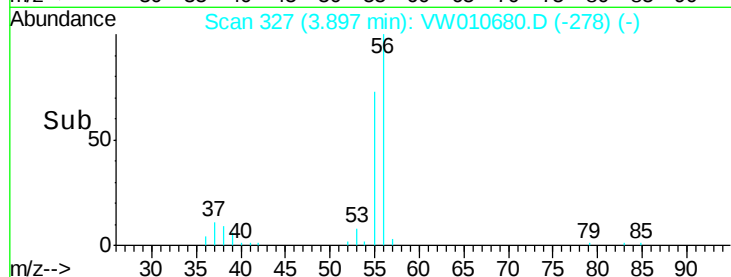
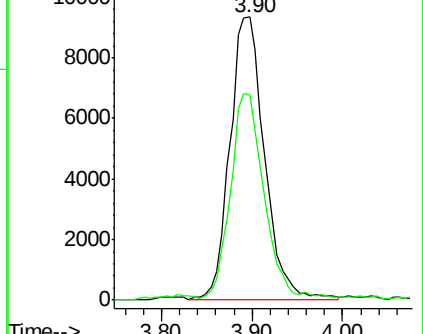
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 56.701 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

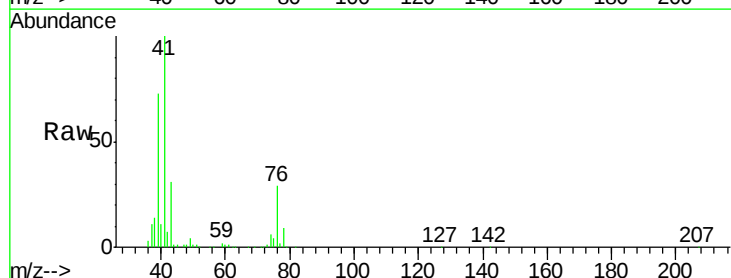
Tgt Ion: 41 Resp: 308505

Ion Ratio Lower Upper

41 100

39 69.9 55.8 83.6

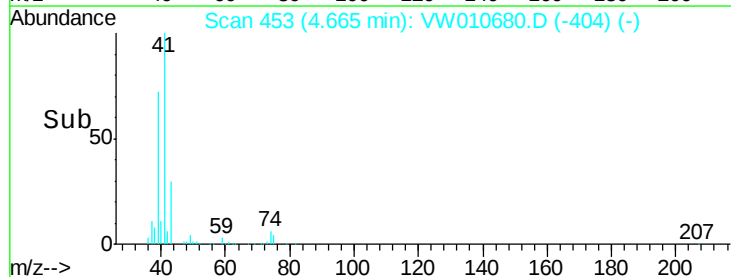
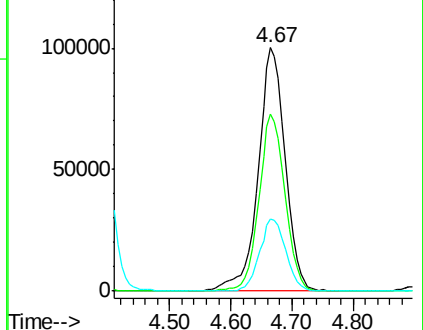
76 28.6 22.7 34.1

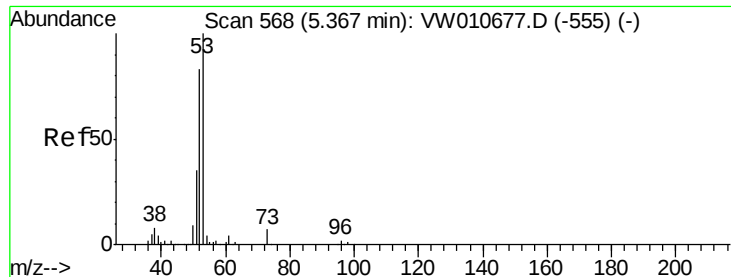


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 280.268 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

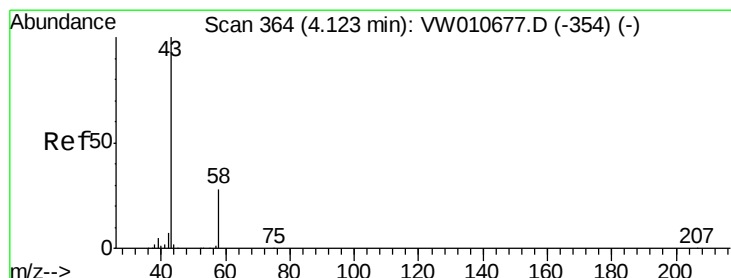
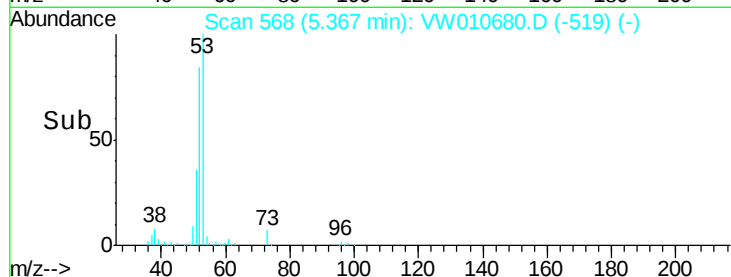
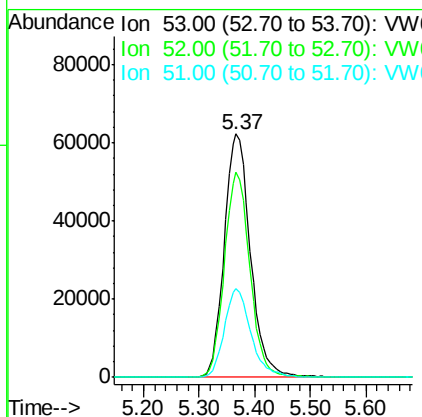
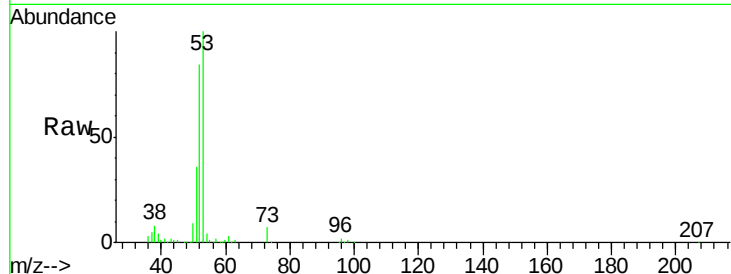
ClientSampleId :

ICVW060419

Tot Ion:	53	Resp:	202454
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.6	100.0
51	37.0	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 285.257 ug/l

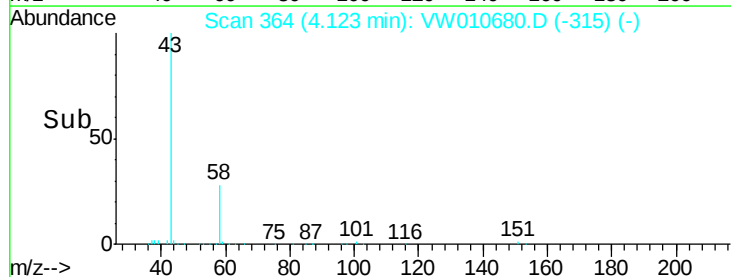
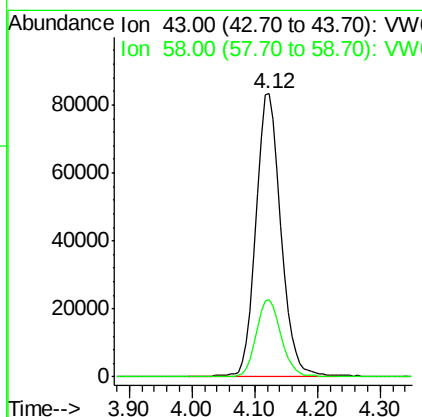
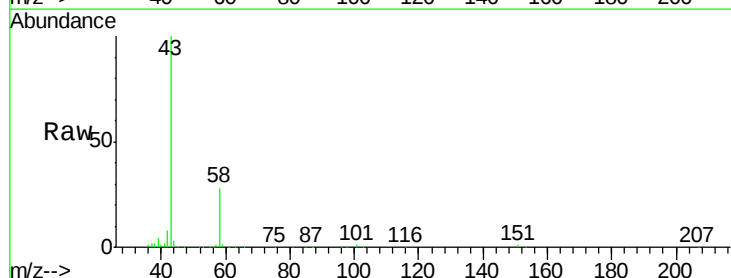
RT: 4.12 min Scan# 364

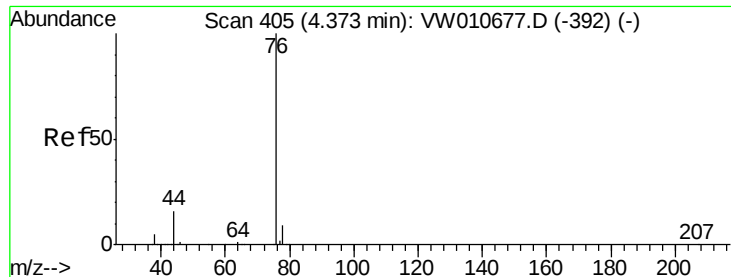
Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Tgt Ion:	43	Resp:	229878
Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.1	33.1





#17

Carbon Disulfide

Concen: 56.561 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

Tot Ion: 76 Resp: 443059

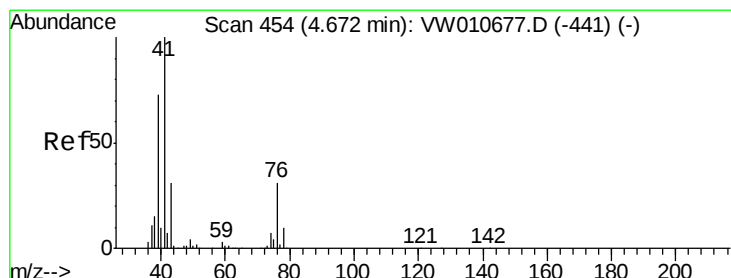
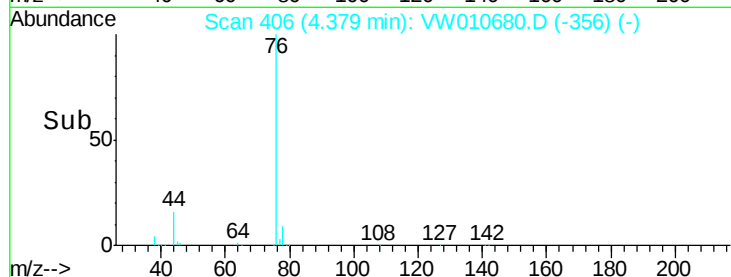
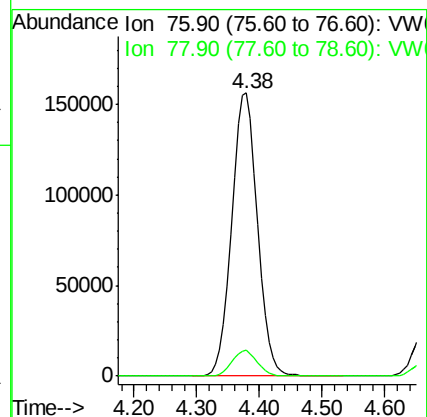
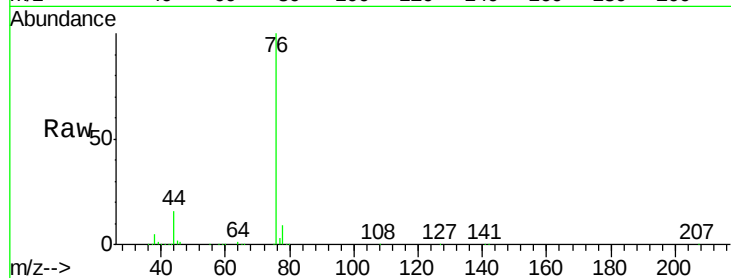
Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

Manual Integrations
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#18

Methyl Acetate

Concen: 54.082 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.00 min

Lab File: VW010680.D

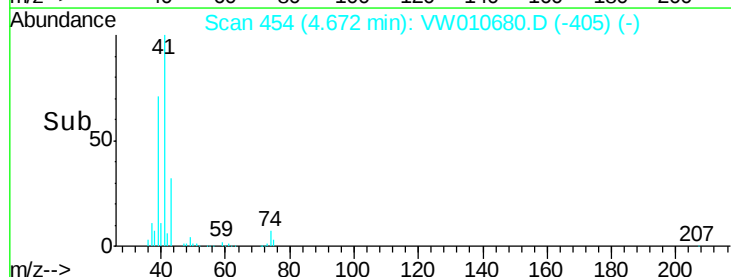
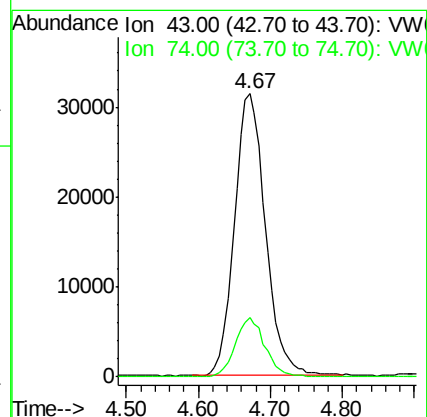
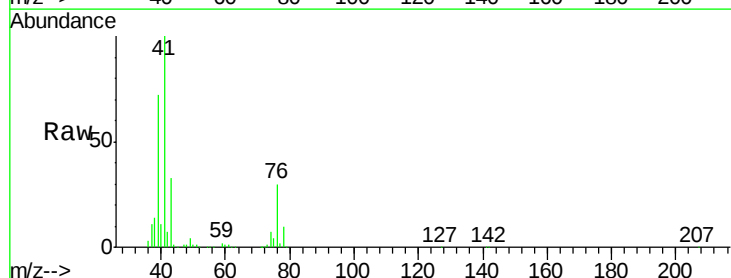
Acq: 04 Jun 2019 18:04

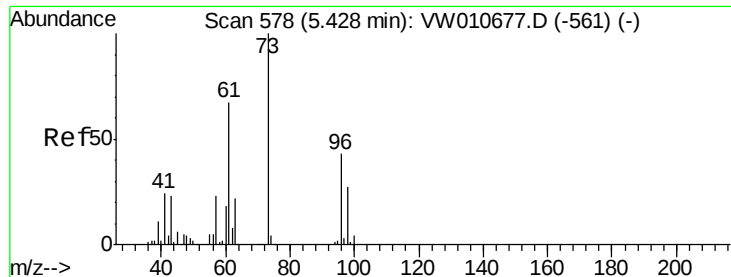
Tgt Ion: 43 Resp: 93816

Ion Ratio Lower Upper

43 100

74 20.4 16.7 25.1





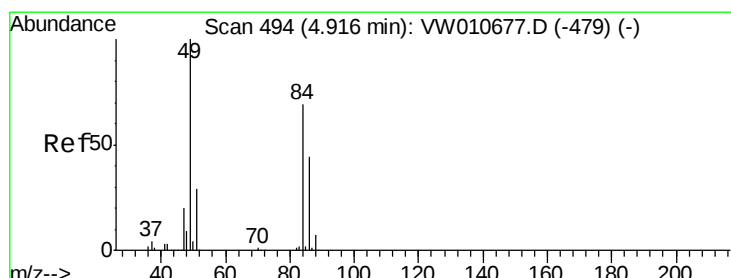
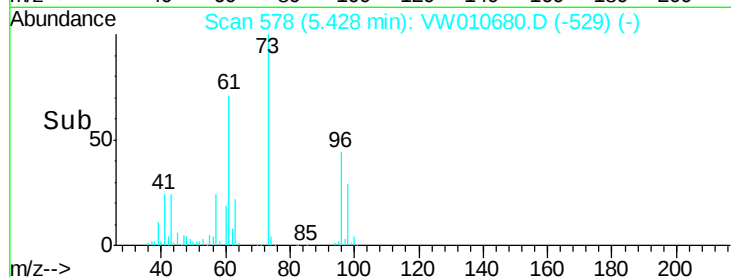
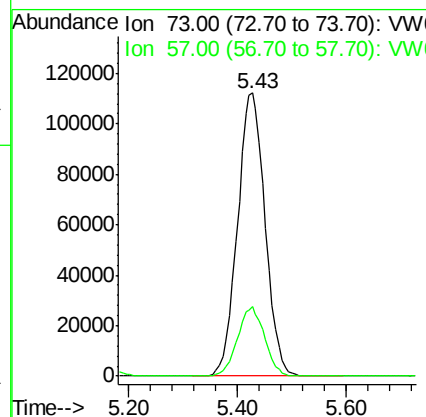
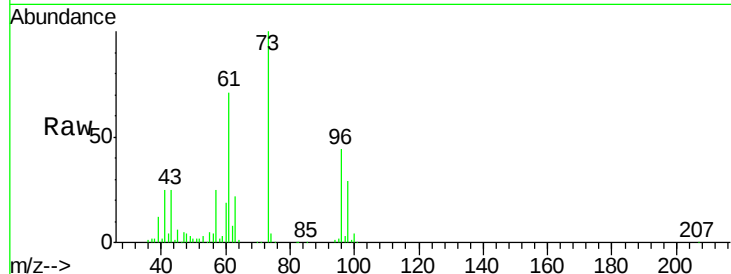
#19
Methvl tert-butvl Ether
Concen: 55.426 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion: 73 Resp: 394465
Ion Ratio Lower Upper
73 100
57 24.7 18.6 27.8

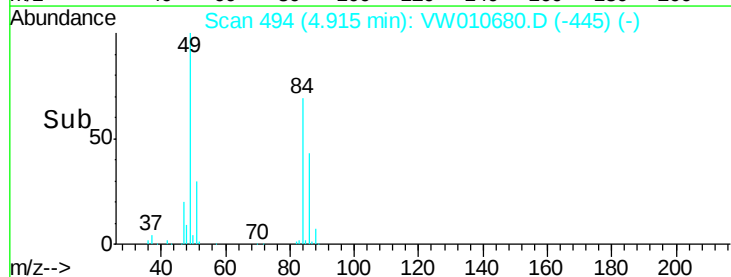
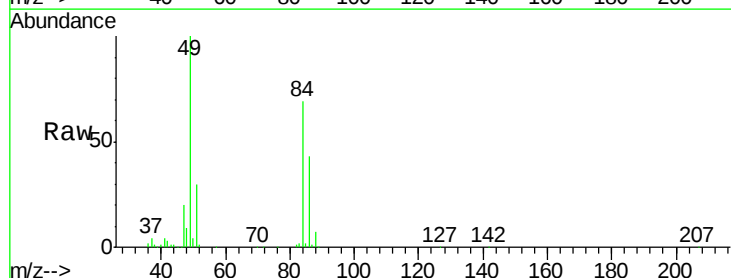
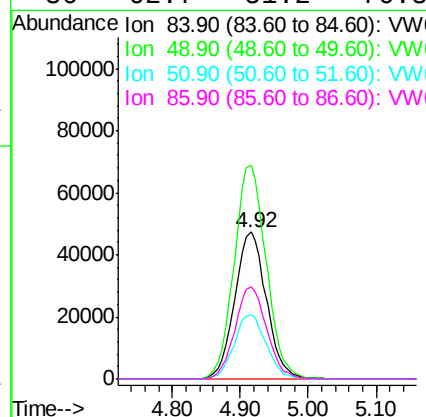
Manual Integrations
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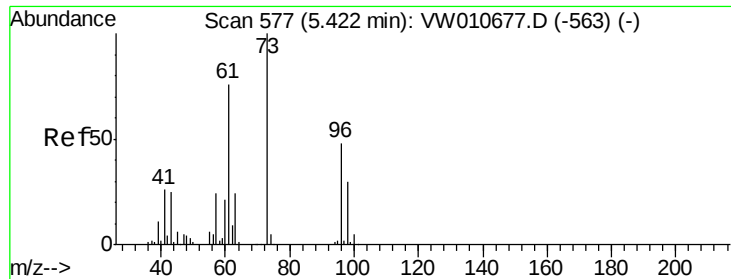
MMDadoda
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#20
Methylene Chloride
Concen: 54.132 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 84 Resp: 153034
Ion Ratio Lower Upper
84 100
49 145.3 116.7 175.1
51 43.7 34.2 51.2
86 62.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 55.256 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

Tot Ion: 96 Resp: 154785

Ion Ratio Lower Upper

96 100

61 161.2 126.0 189.0

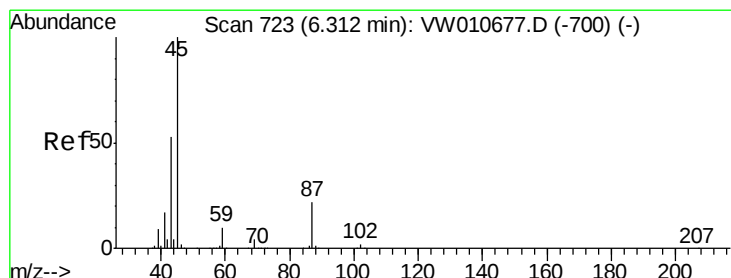
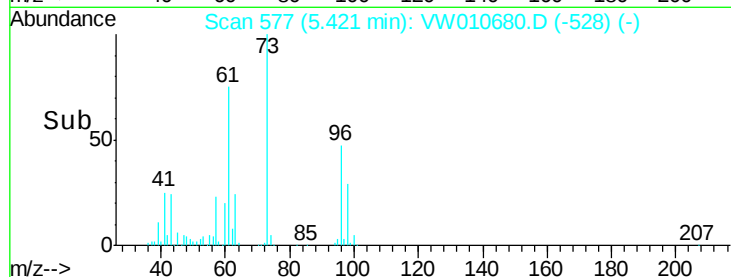
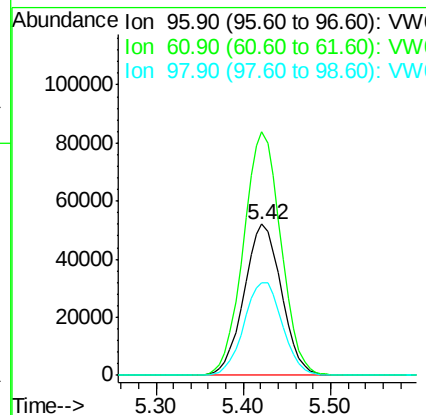
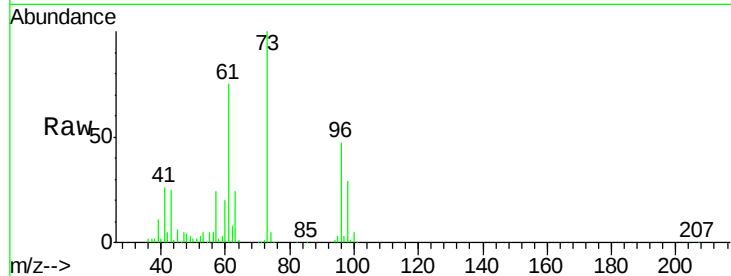
98 61.7 49.6 74.4

Manual Integrations

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MMDadoda

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#22

Diisopropyl ether

Concen: 56.393 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Tgt Ion: 45 Resp: 614280

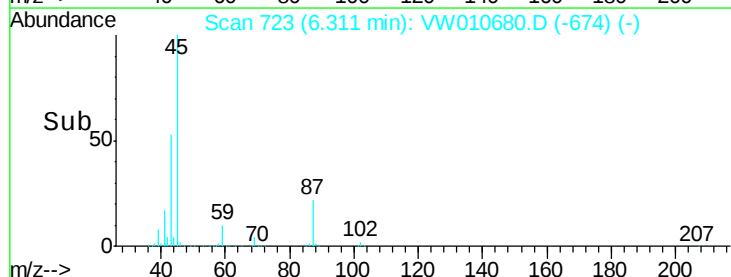
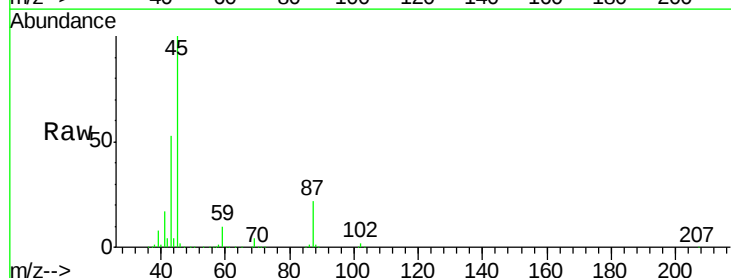
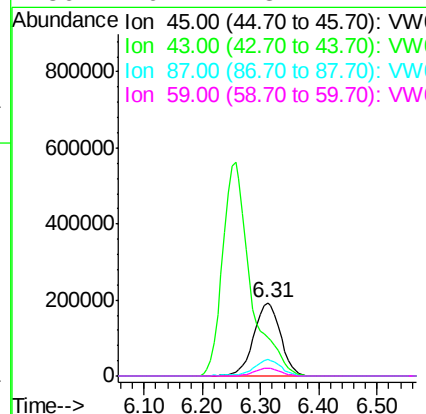
Ion Ratio Lower Upper

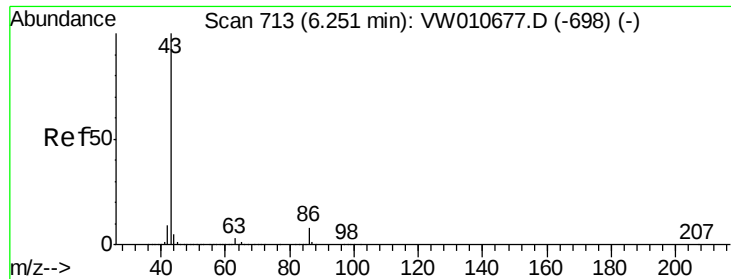
45 100

43 52.6 42.5 63.7

87 22.3 17.4 26.2

59 10.2 8.1 12.1





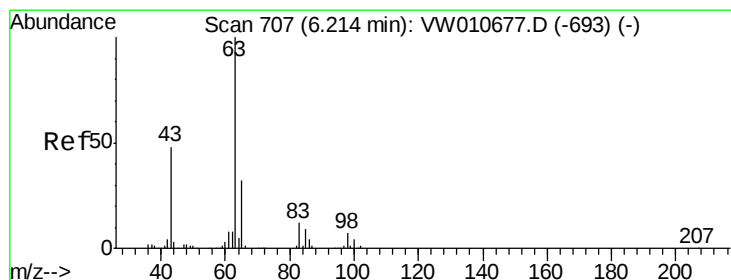
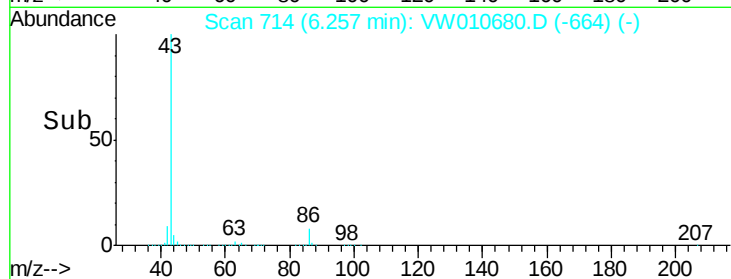
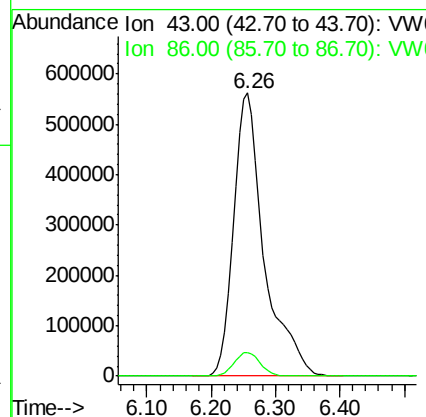
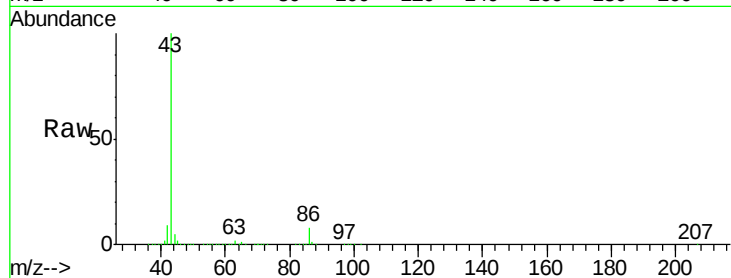
#23
 Vinyl Acetate
 Concen: 283.654 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

Tot Ion: 43 Resp: 1864677
 Ion Ratio Lower Upper
 43 100
 86 8.4 6.6 10.0

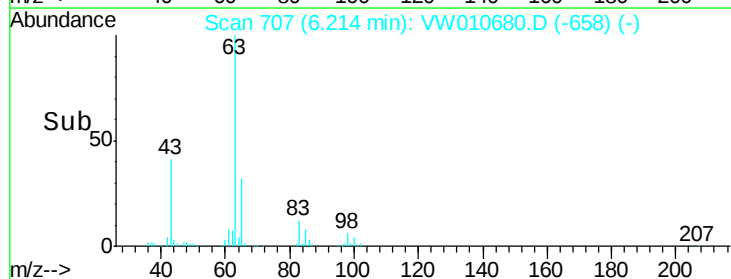
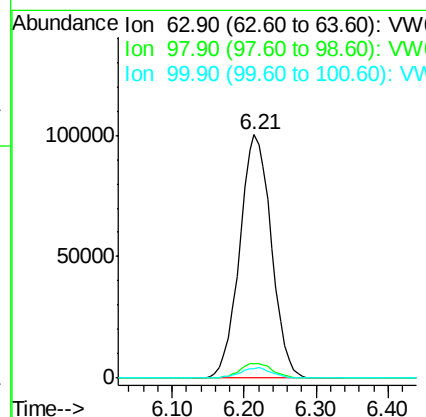
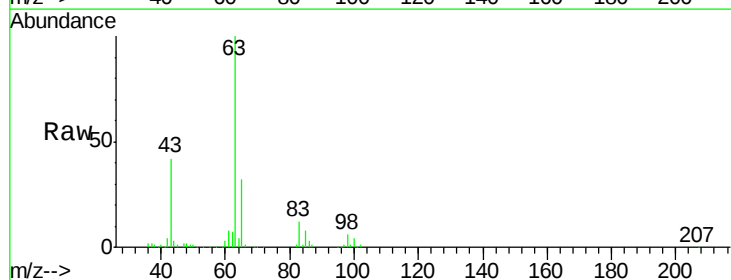
Manual Integrations
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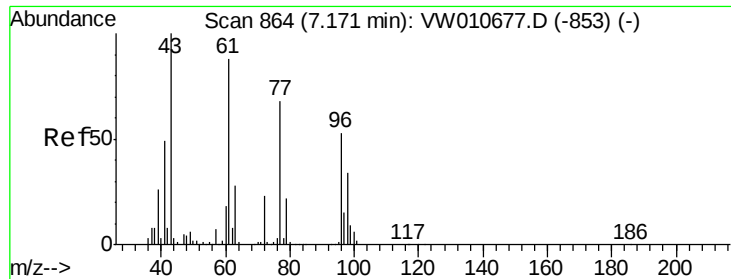
MMDadoda
 6/5/2019 3:05:16 PM



#24
 1,1-Dichloroethane
 Concen: 55.952 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion: 63 Resp: 305434
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.4 10.2
 100 3.9 2.1 6.3





#25

2-Butanone

Concen: 282.859 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

Tot Ion: 43 Resp: 316078

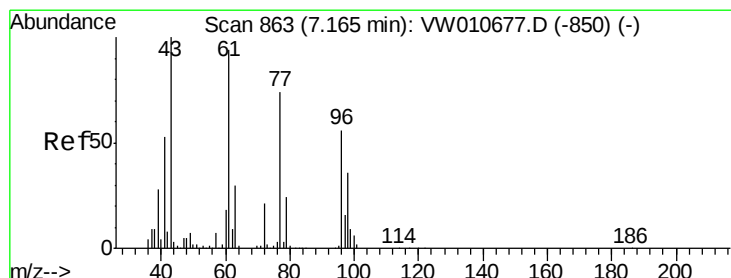
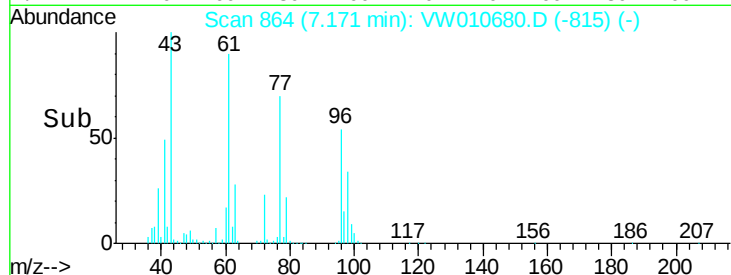
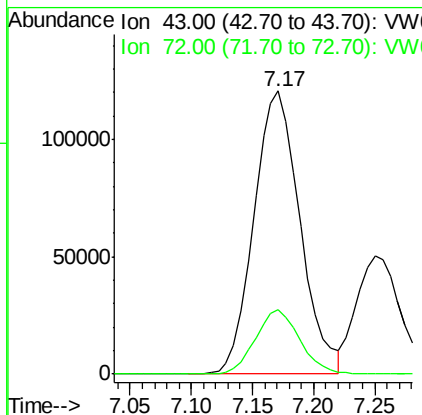
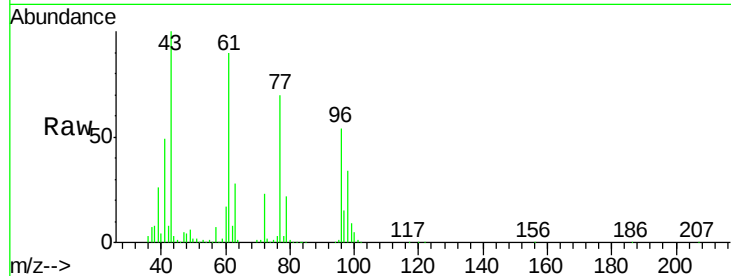
Ion Ratio Lower Upper

43 100

72 22.7 18.1 27.1

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#26

2,2-Dichloropropane

Concen: 56.401 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010680.D

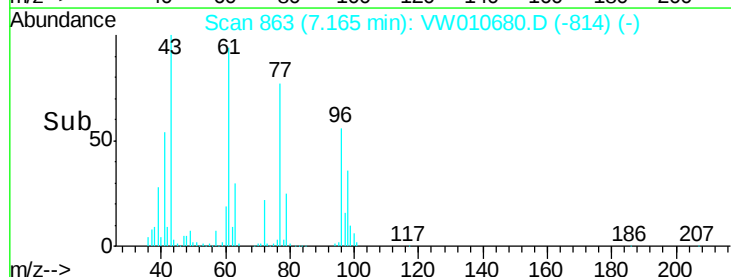
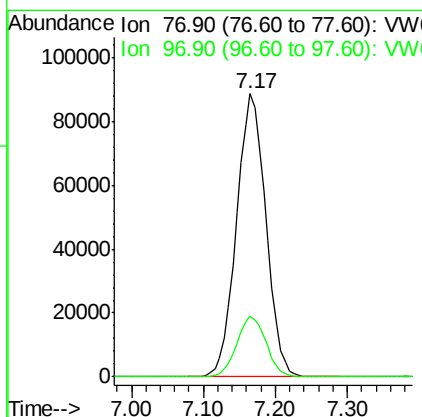
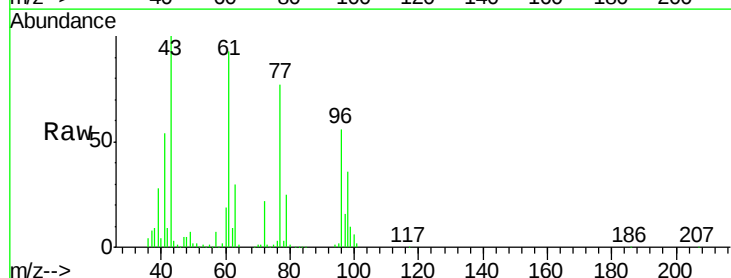
Acq: 04 Jun 2019 18:04

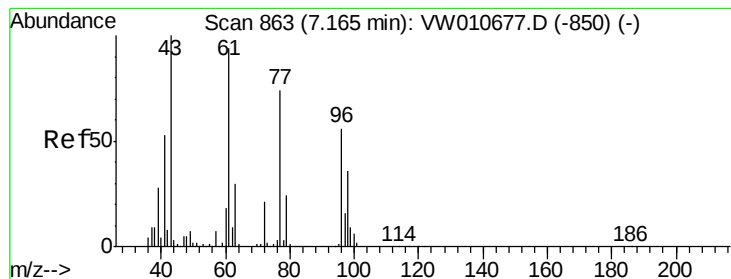
Tgt Ion: 77 Resp: 250536

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.6





#27

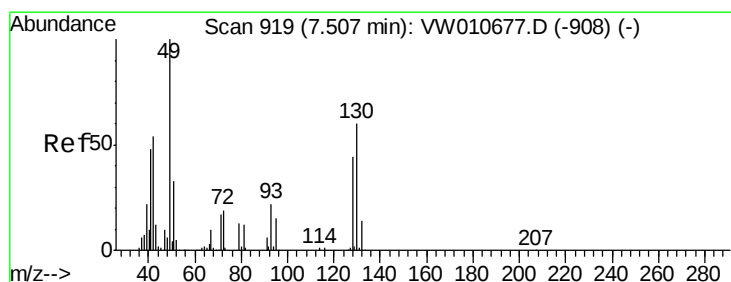
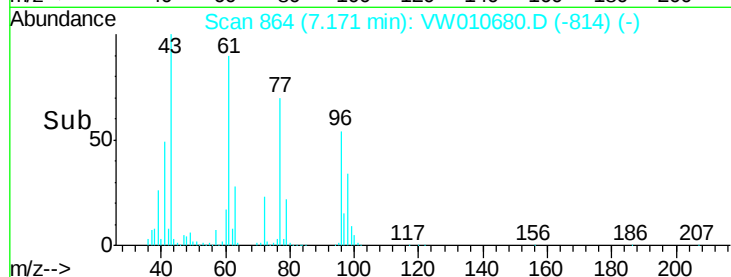
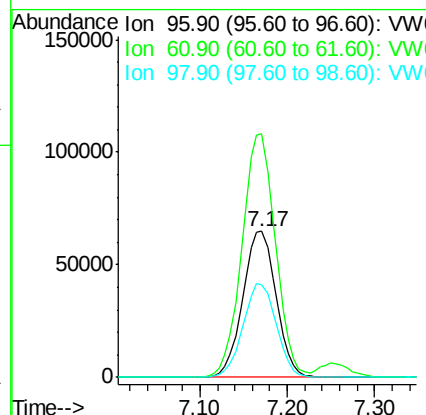
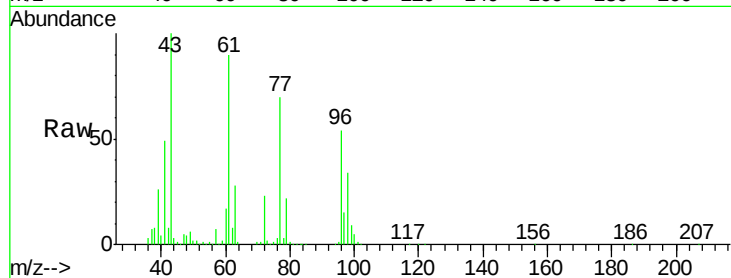
cis-1,2-Dichloroethene
Concen: 55.743 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampled :
ICVW060419

Tot Ion	Ratio	Resp	Lower	Upper
96	100	171842		
61	167.4	0.0	336.4	
98	64.3	0.0	128.0	

Manual Integrations
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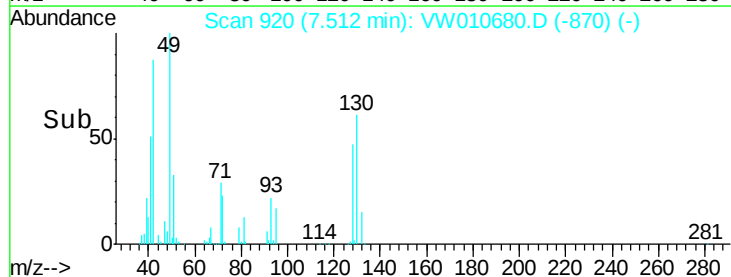
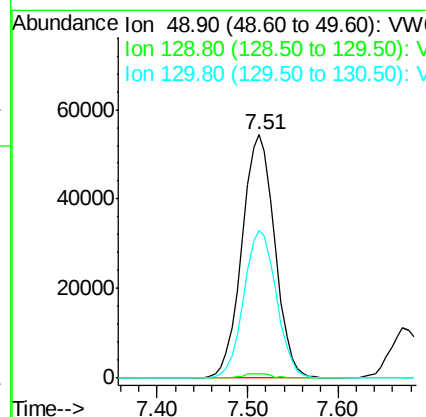
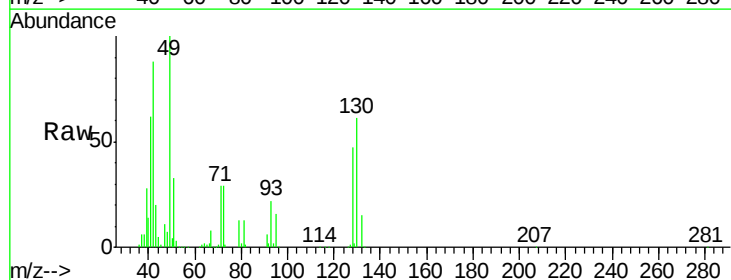
MMDadoda
6/5/2019 3:05:16 PM

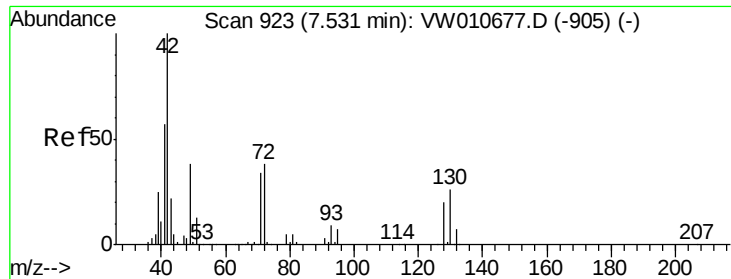


#28

Bromochloromethane
Concen: 56.309 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	137178		
129	1.6	0.0	3.2	
130	60.1	48.3	72.5	





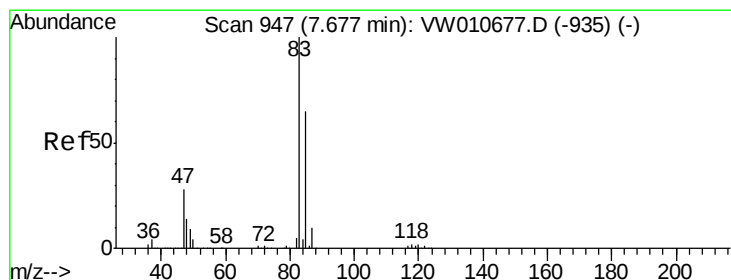
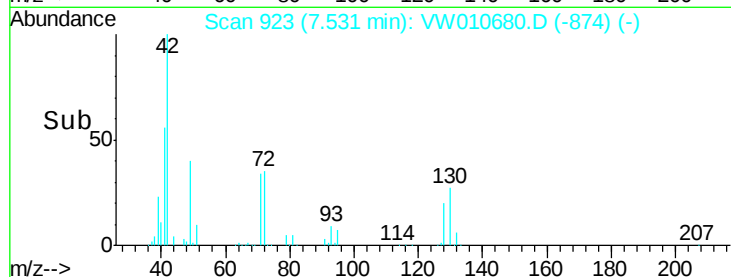
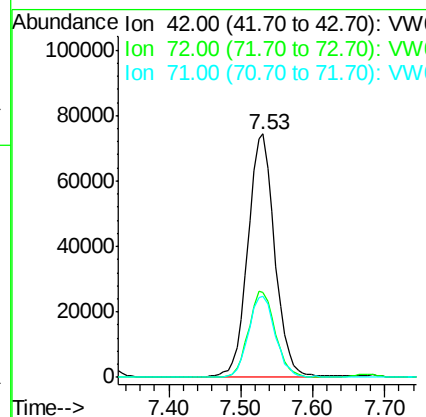
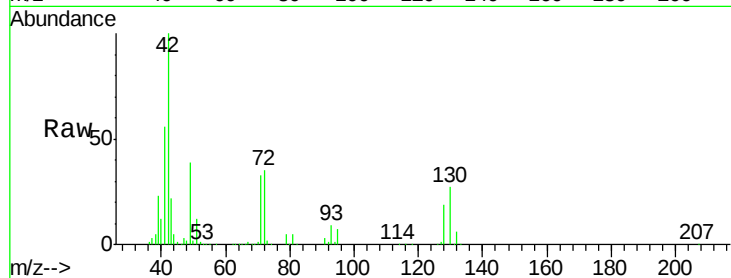
#29
Tetrahydrofuran
Concen: 274.198 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampled :
ICVW060419

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.1	28.7	43.1
71	33.5	26.6	39.8

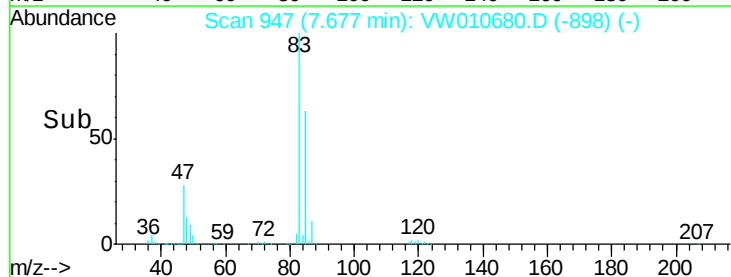
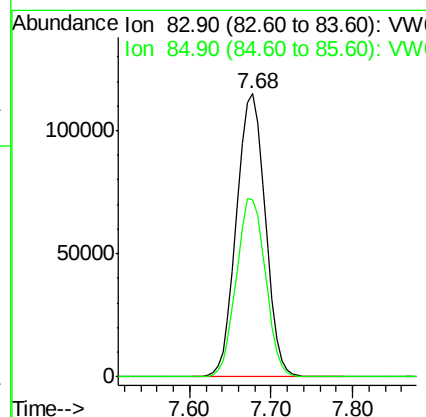
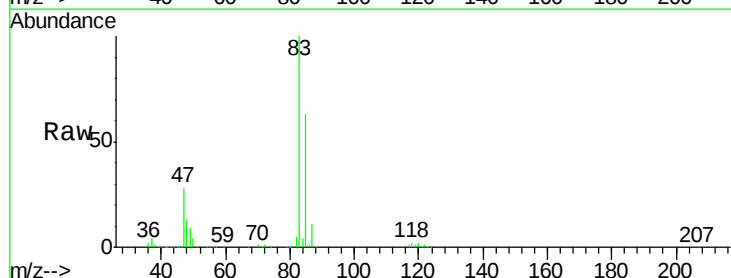
Manual Integrations
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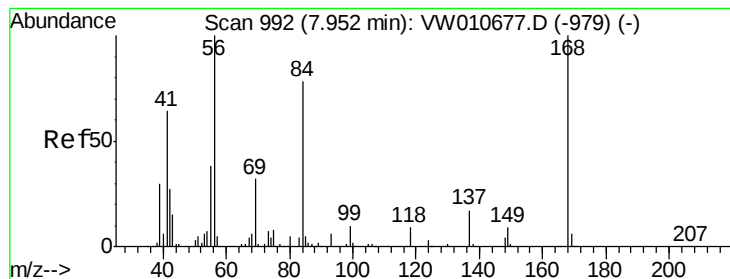
MMDadoda
6/5/2019 3:05:16 PM



#30
Chloroform
Concen: 56.118 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.8	77.8





#31

Cyclohexane

Concen: 52.588 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

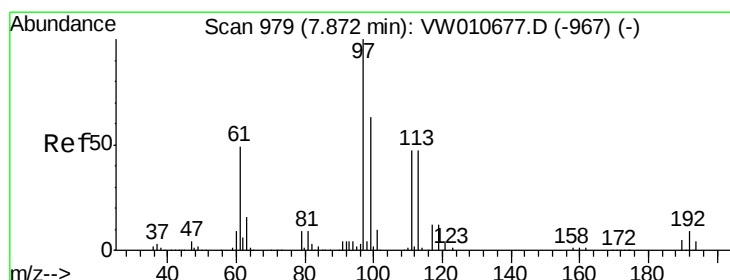
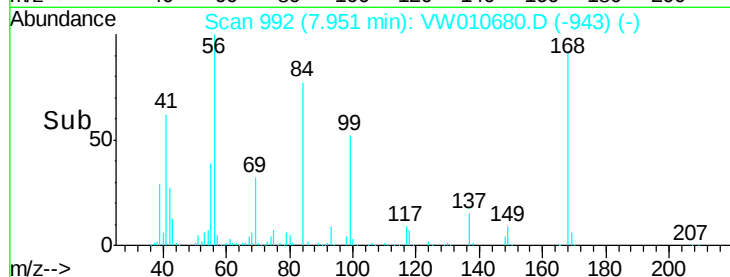
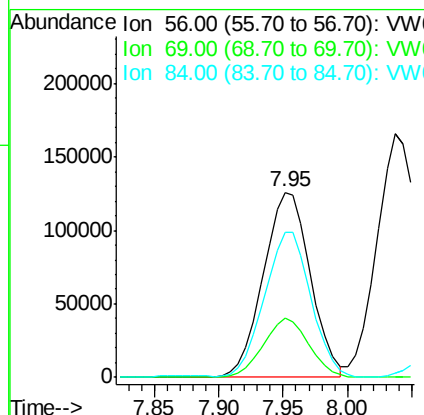
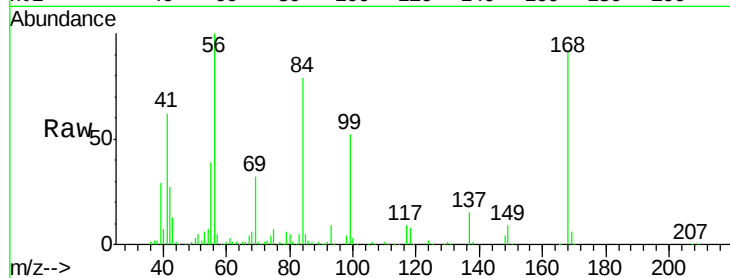
ClientSampleId :

ICVW060419

Tot Ion:	56	Resp:	319113
Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.2	37.8
84	77.5	62.2	93.2

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#32

1,1,1-Trichloroethane

Concen: 56.006 ug/l

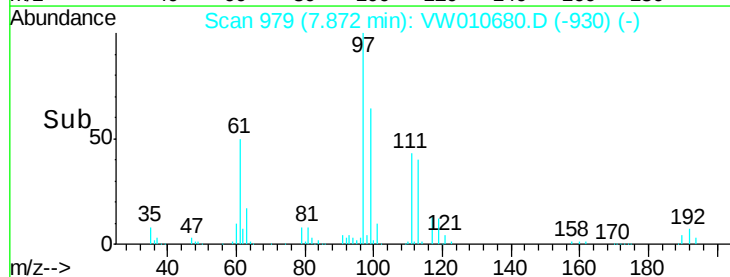
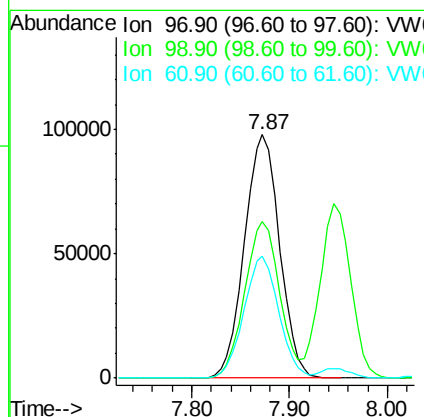
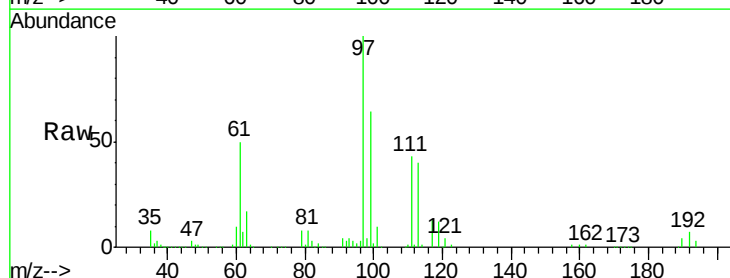
RT: 7.87 min Scan# 979

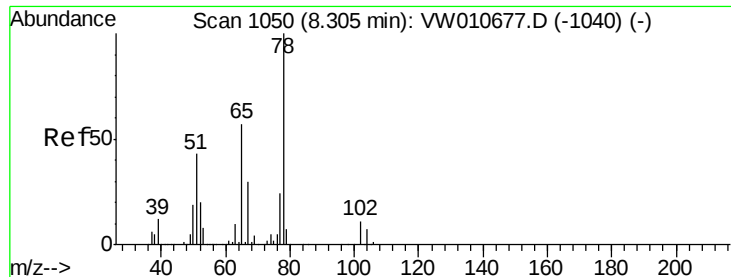
Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Tgt Ion:	97	Resp:	244276
Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.3	76.9
61	49.6	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 53.412 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

Tot Ion: 65 Resp: 160638

Ion Ratio Lower Upper

65 100

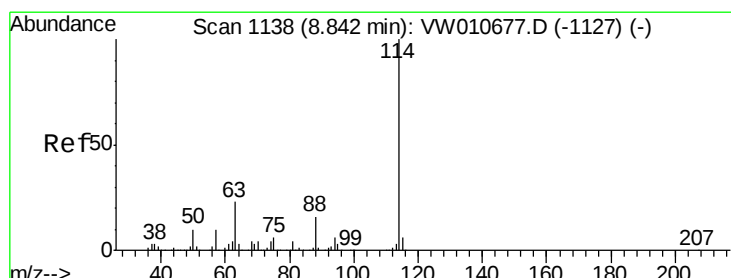
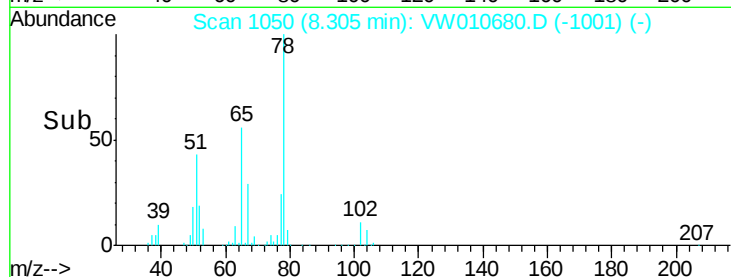
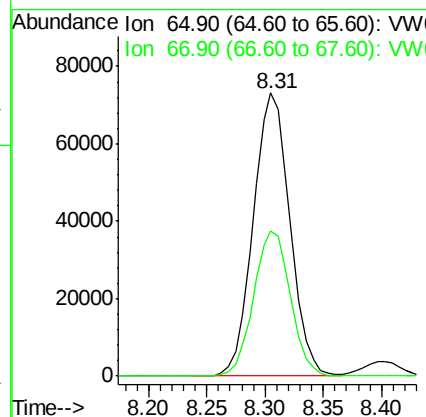
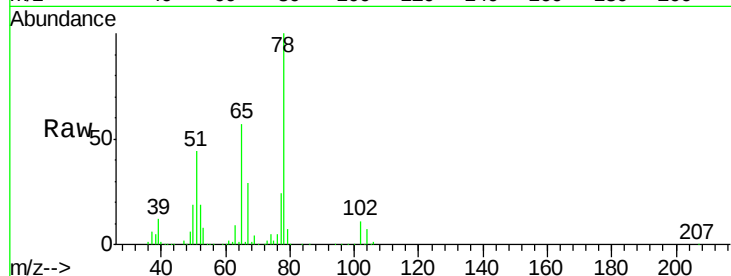
67 51.6 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

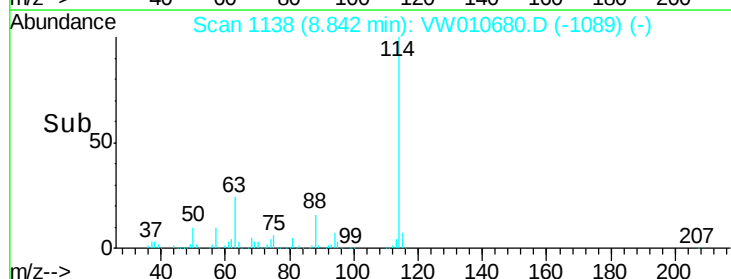
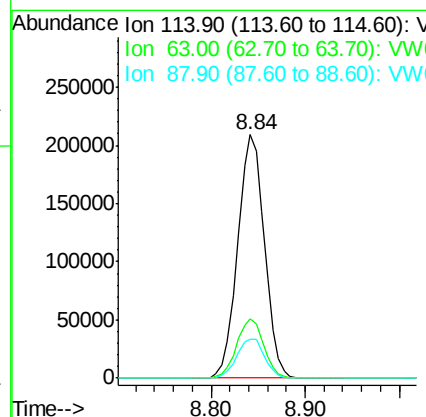
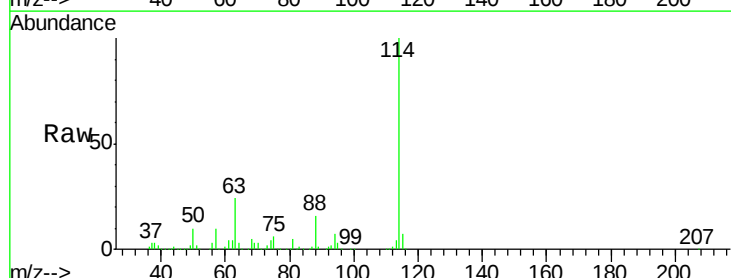
Tgt Ion: 114 Resp: 412033

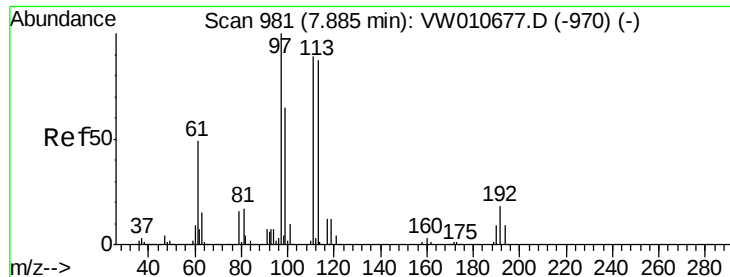
Ion Ratio Lower Upper

114 100

63 24.2 0.0 46.4

88 16.2 0.0 32.2





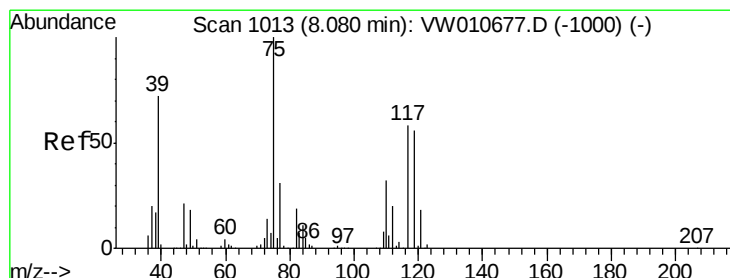
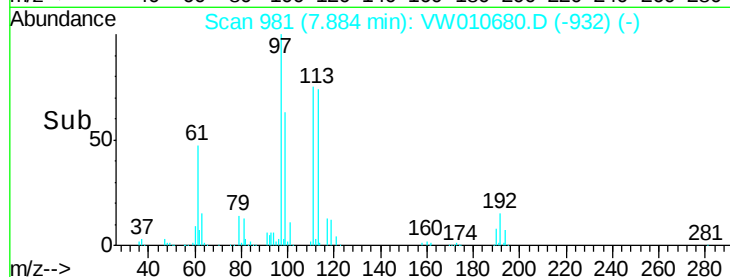
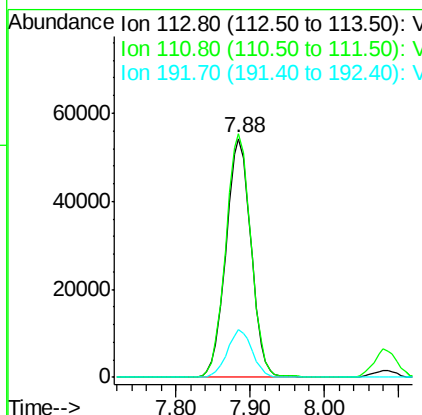
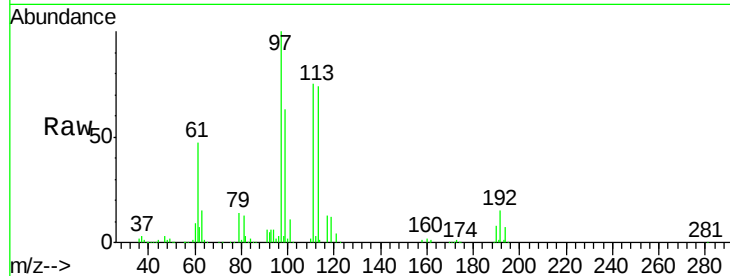
#35
 Dibromofluoromethane
 Concen: 57.041 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.6	123.8
192	19.9	16.4	24.6

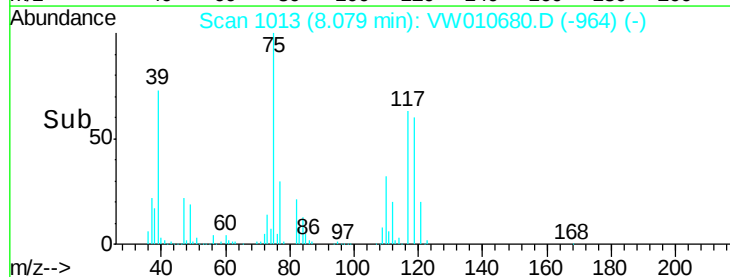
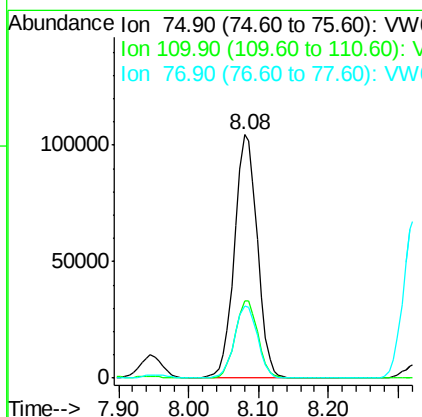
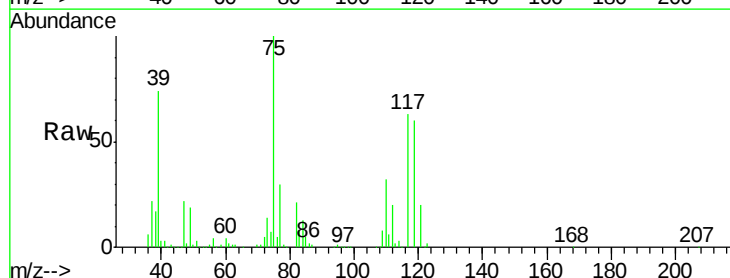
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 56.308 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.5	15.8	47.3
77	30.4	24.7	37.1





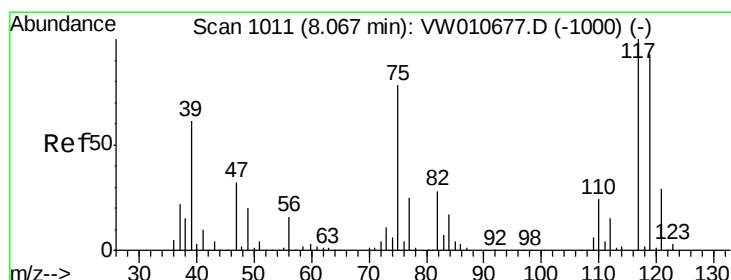
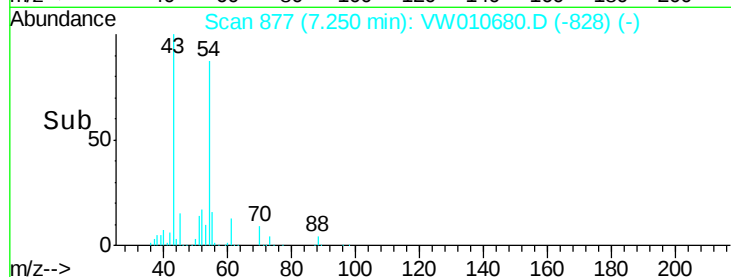
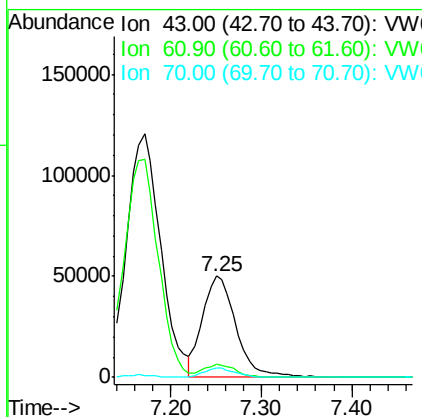
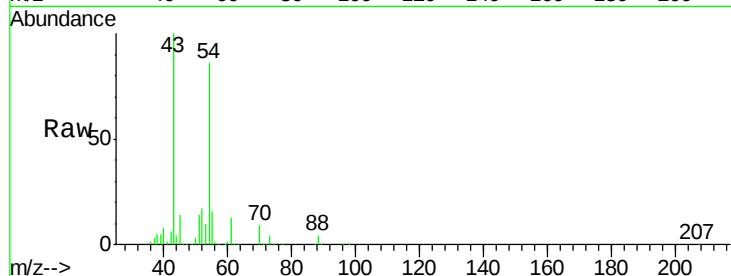
#37
Ethyl Acetate
Concen: 54.815 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.6	9.7	14.5
70	8.8	7.2	10.8

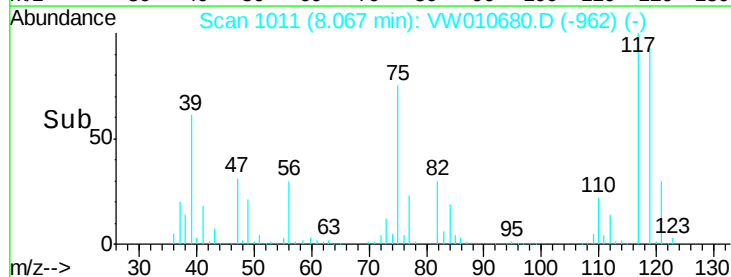
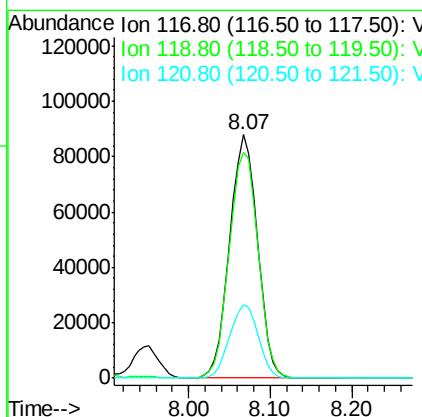
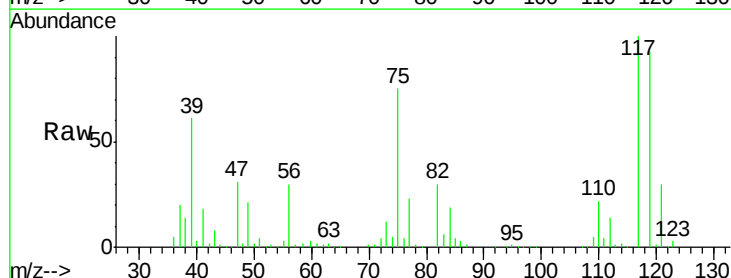
Manual Integrations
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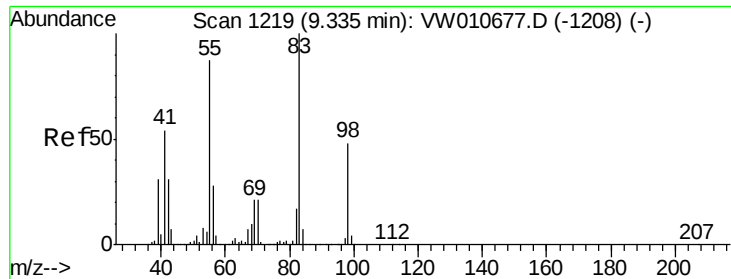
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#38
Carbon Tetrachloride
Concen: 56.853 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.2	111.4
121	30.3	22.9	34.3





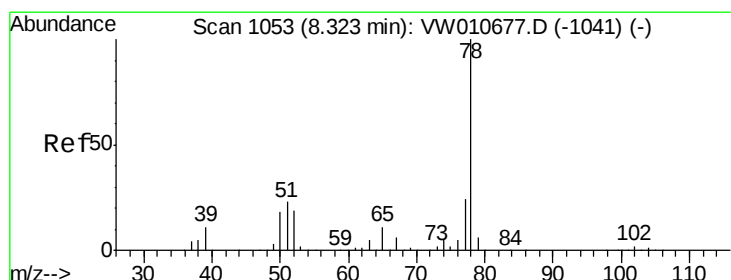
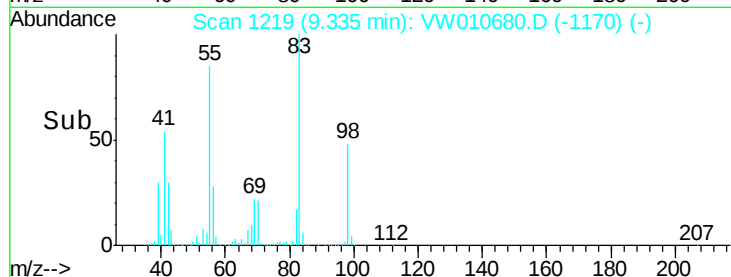
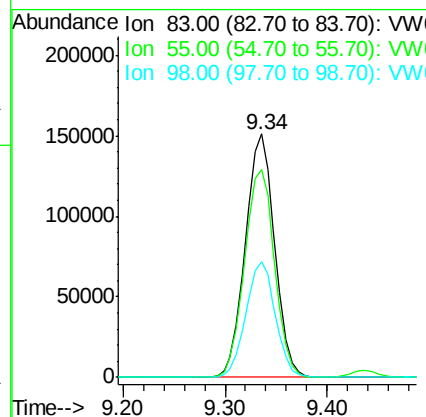
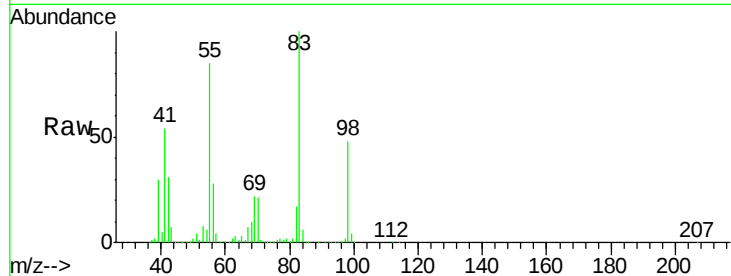
#39
Methvlcvclohexane
Concen: 56.221 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.1	70.0	105.0
98	47.6	38.1	57.1

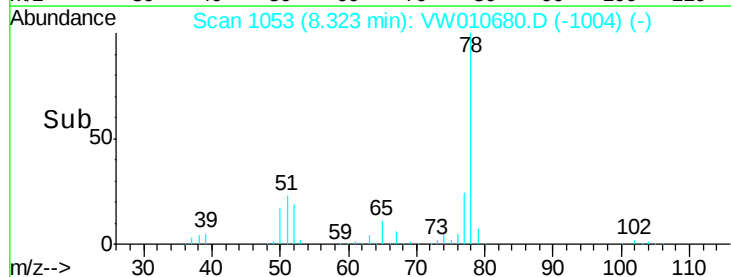
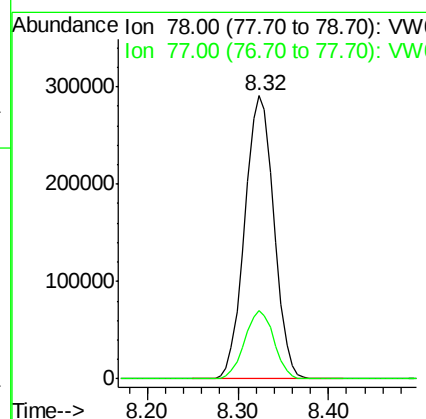
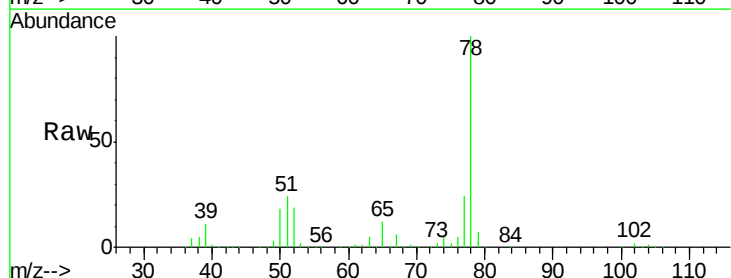
Manual Integrations
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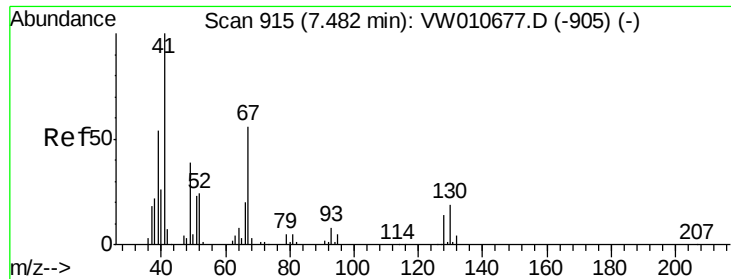
MMDadoda
6/5/2019 3:05:16 PM



#40
Benzene
Concen: 56.309 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





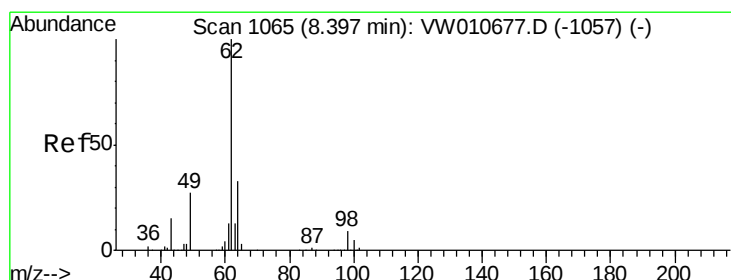
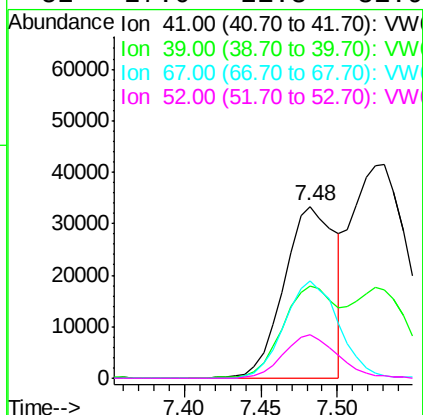
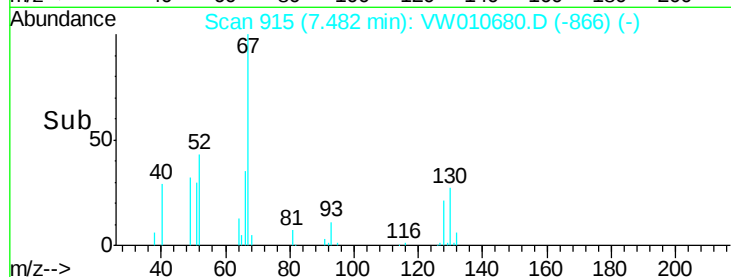
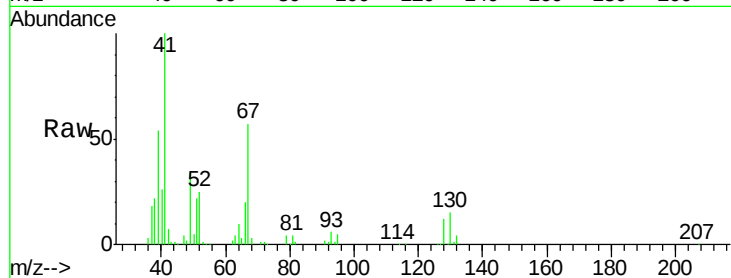
#41
Methacrylonitrile
Concen: 56.021 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.8	47.3	70.9	
67	60.0	47.2	70.8	
52	27.0	21.3	31.9	

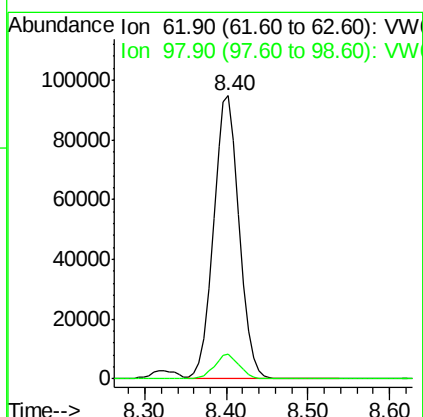
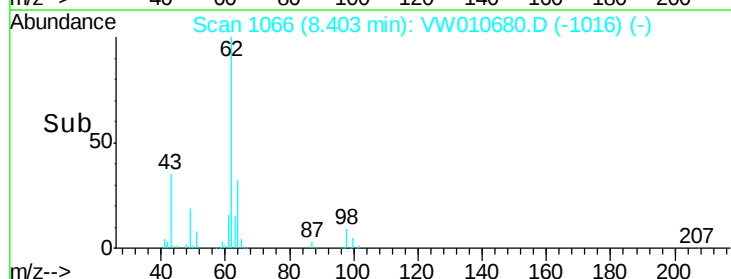
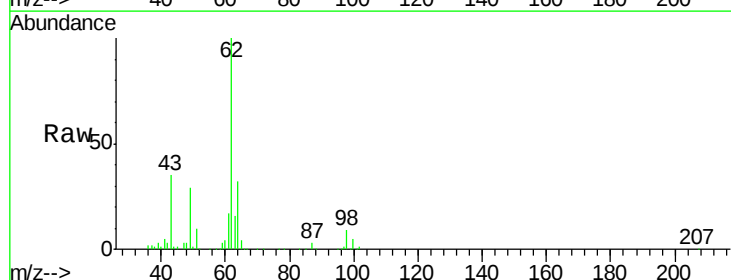
Manual Integrations
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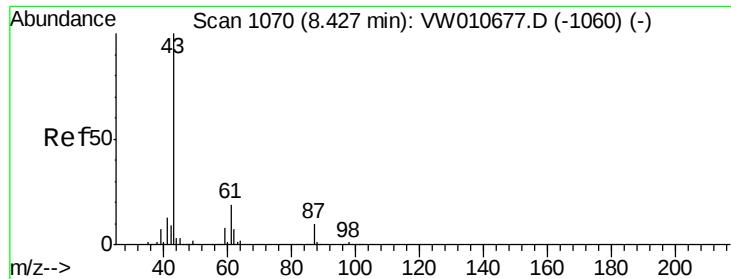
MMDadoda
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#42
1,2-Dichloroethane
Concen: 56.550 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.2	





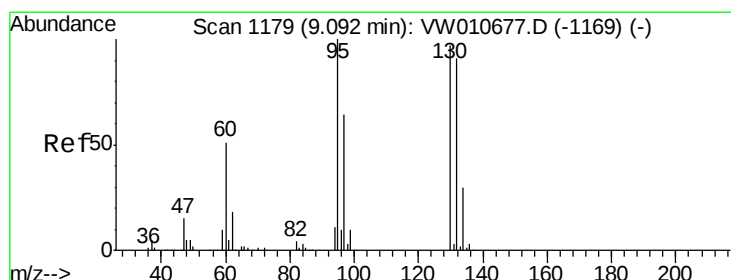
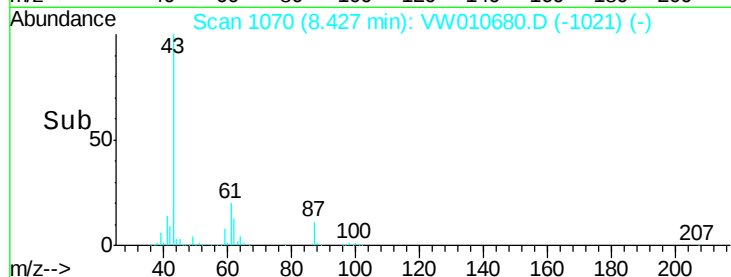
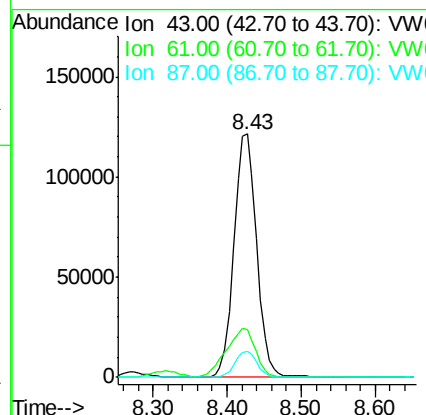
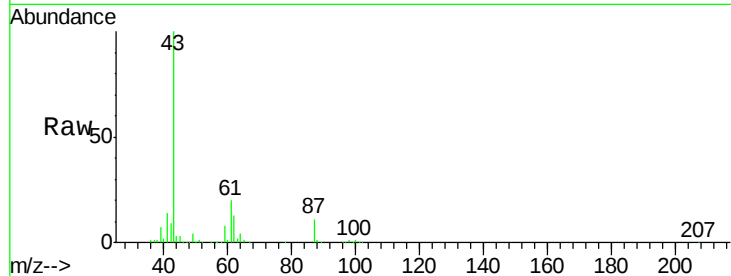
#43
Isopropyl Acetate
Concen: 57.164 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.3	21.2	31.8
87	10.6	8.3	12.5

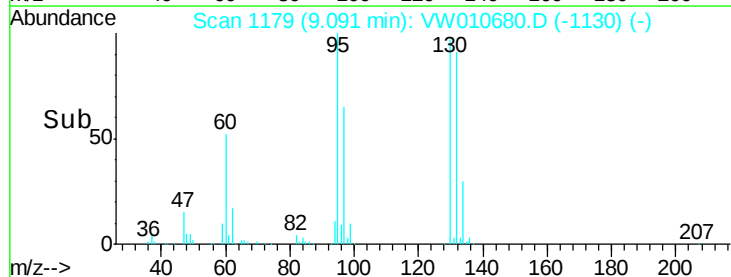
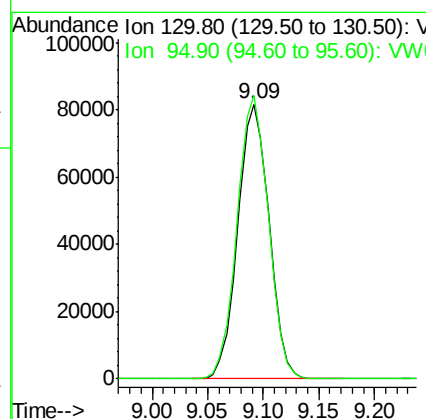
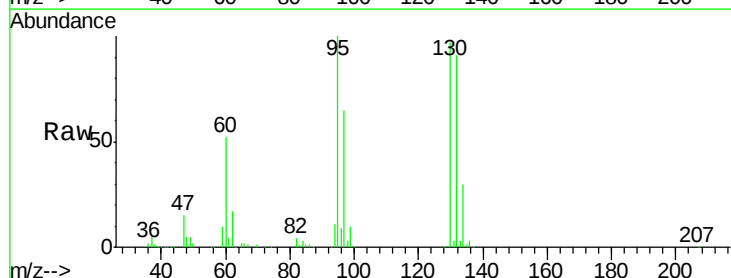
Manual Integrations
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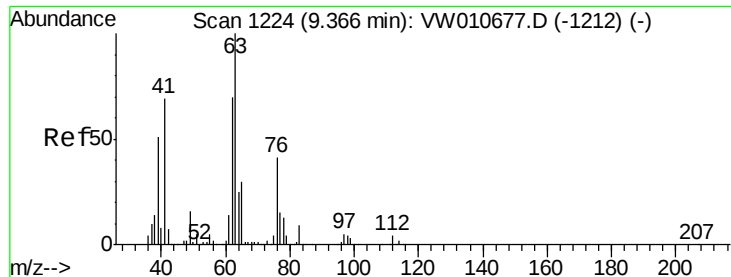
MMDadoda
6/5/2019 3:05:16 PM



#44
Trichloroethene
Concen: 55.994 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	207.0





#45

1,2-Dichloropropane

Concen: 57.035 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

Tot Ion: 63 Resp: 173715

Ion Ratio Lower Upper

63 100

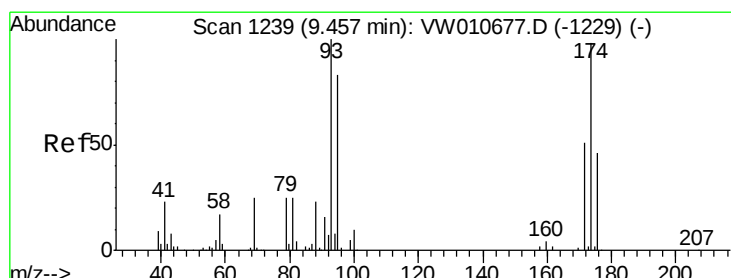
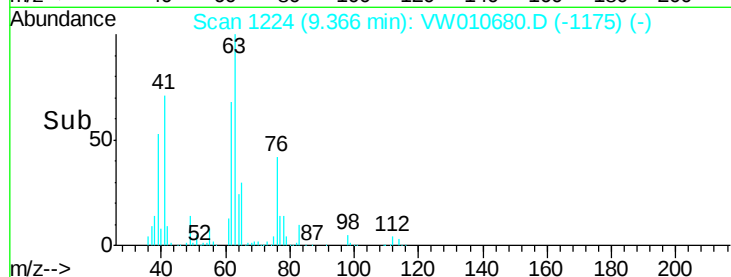
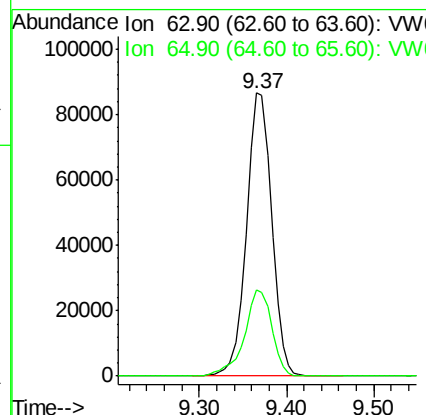
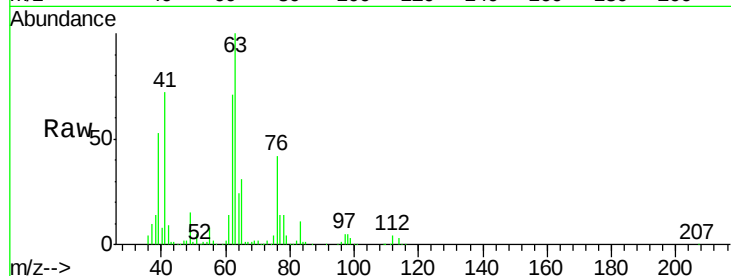
65 30.7 23.8 35.6

Manual Integrations

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#46

Dibromomethane

Concen: 56.512 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

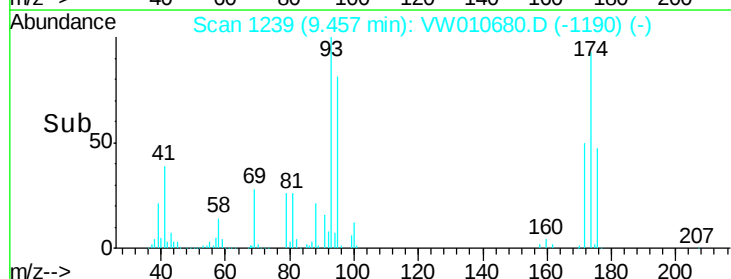
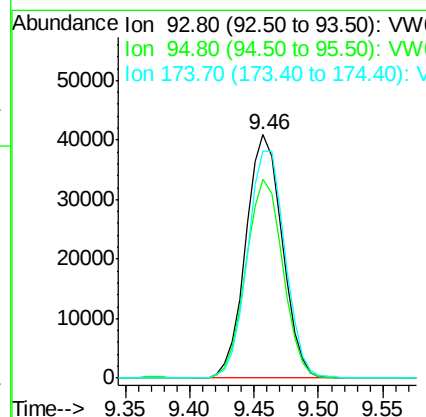
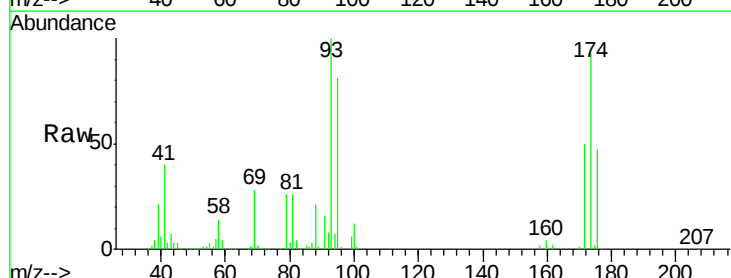
Tgt Ion: 93 Resp: 79947

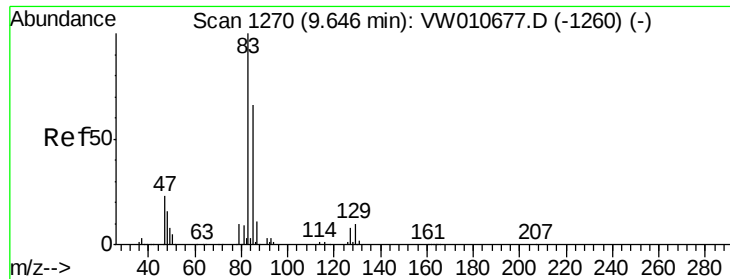
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 95.9 77.4 116.0





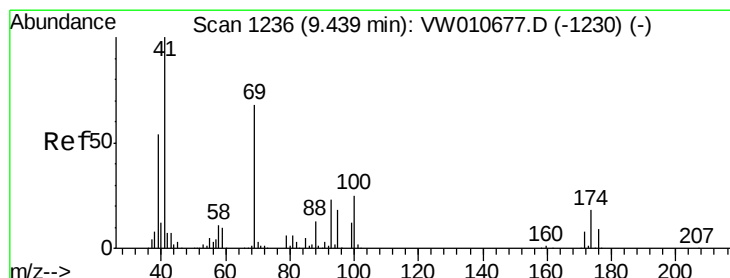
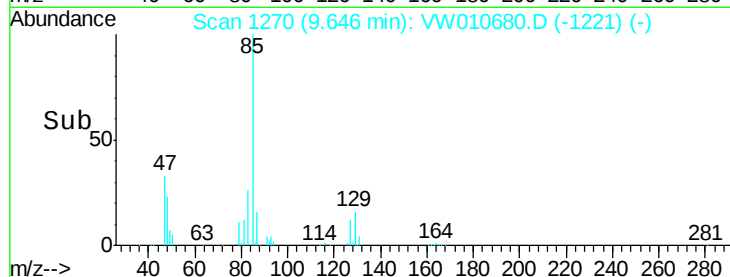
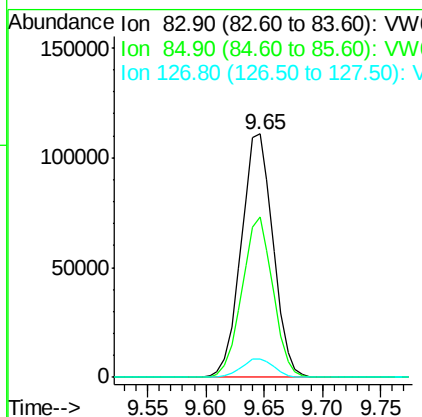
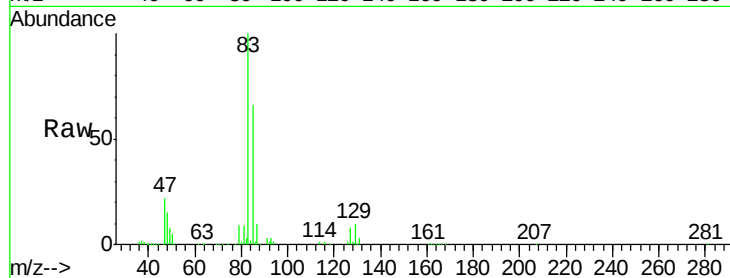
#47
Bromodichloromethane
Concen: 57.746 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.7	53.0	79.4
127	7.6	6.4	9.6

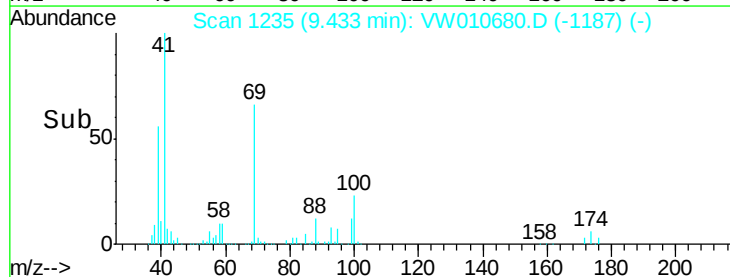
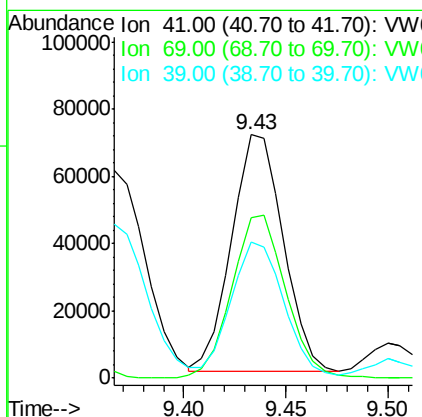
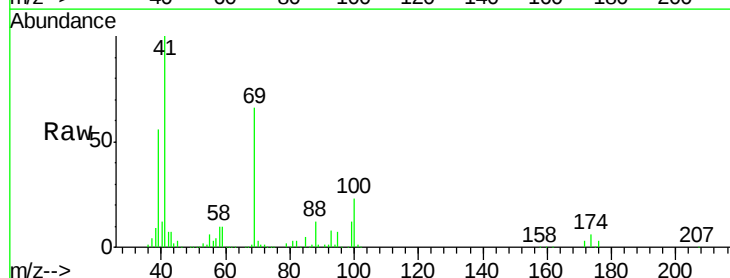
Manual Integrations
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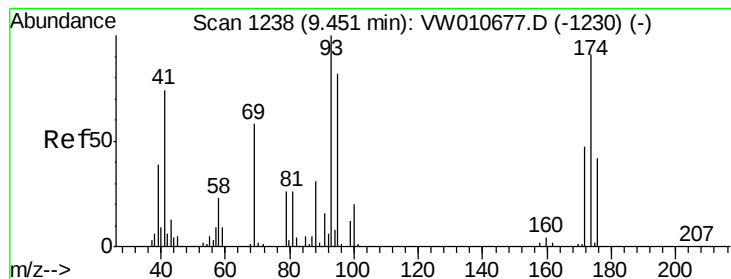
MMDadoda
6/5/2019 3:05:16 PM



#48
Methyl methacrylate
Concen: 56.808 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.3	56.6	85.0
39	56.6	44.4	66.6





#49

1,4-Dioxane

Concen: 1169.098 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

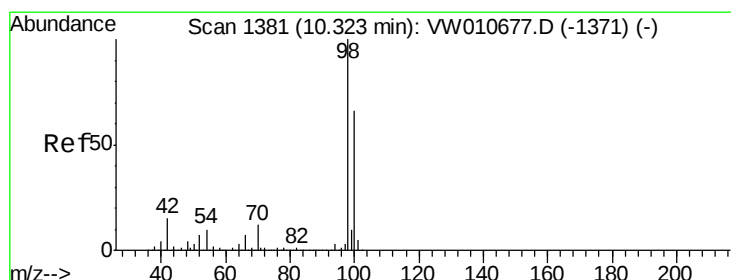
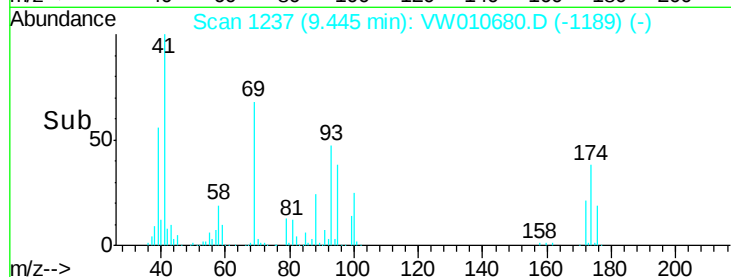
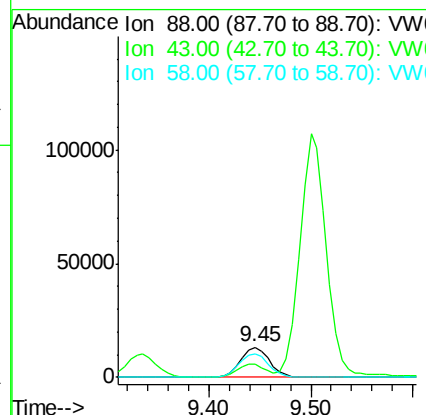
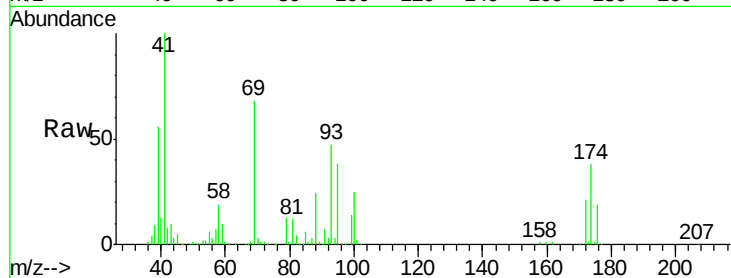
ClientSampled :

ICVW060419

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.1	34.2	51.4
58	79.6	69.0	103.4

Manual Integrations
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#50

Toluene-d8

Concen: 54.272 ug/l

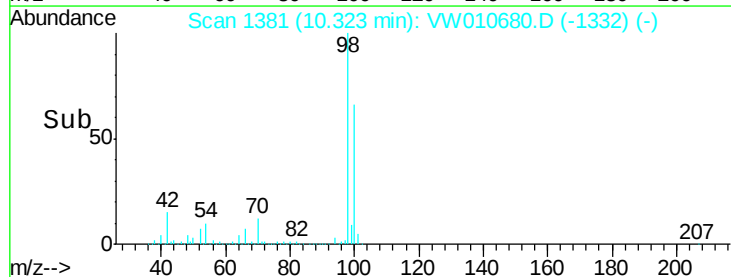
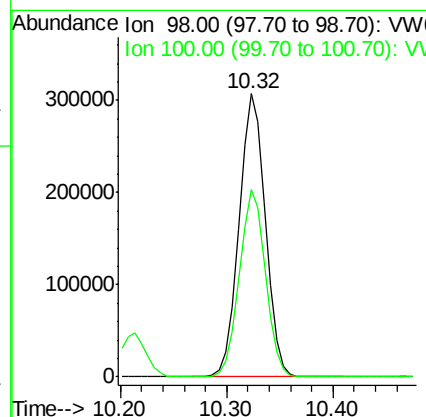
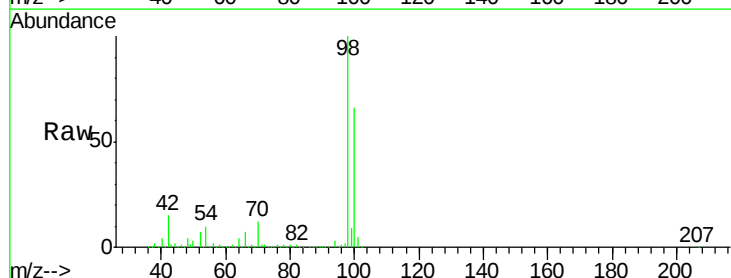
RT: 10.32 min Scan# 1381

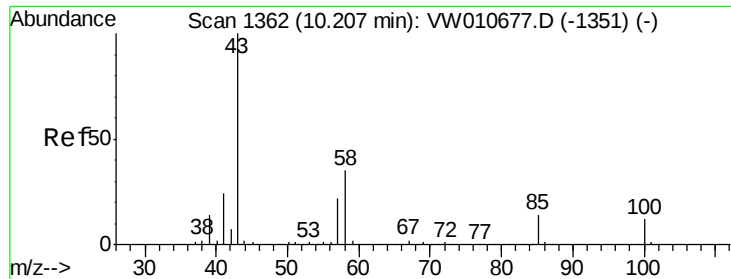
Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 283.747 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

Tot Ion: 43 Resp: 654523

Ion Ratio Lower Upper

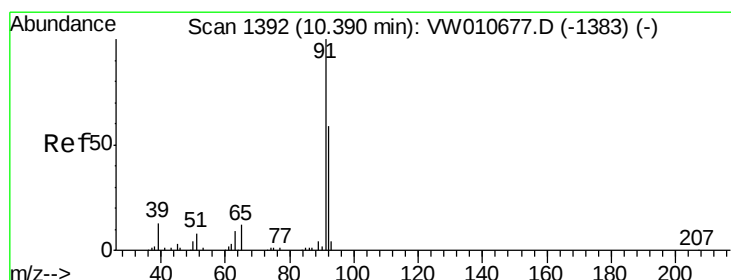
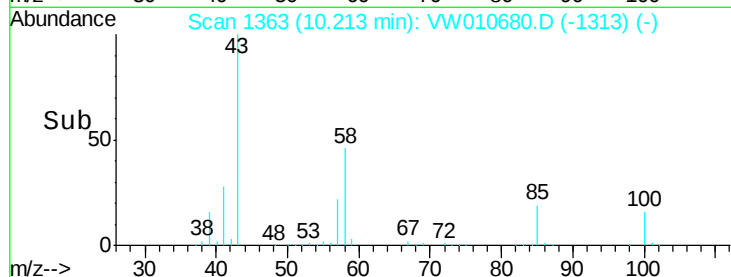
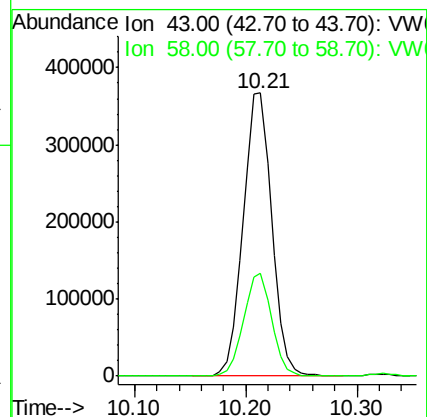
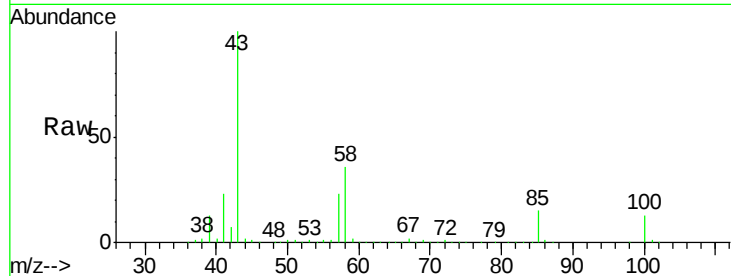
43 100

58 35.8 28.4 42.6

Manual Integrations
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#52

Toluene

Concen: 56.290 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010680.D

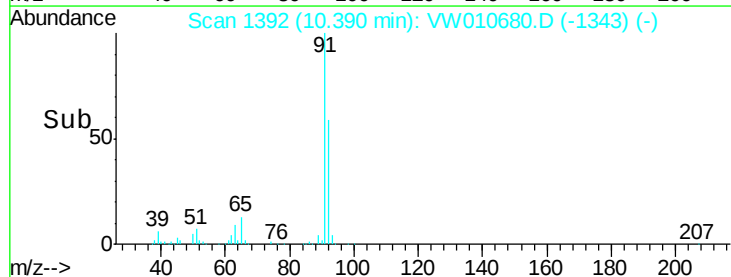
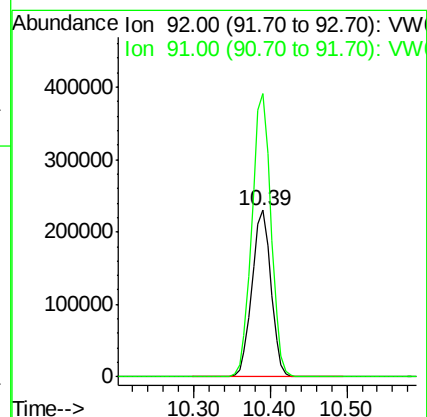
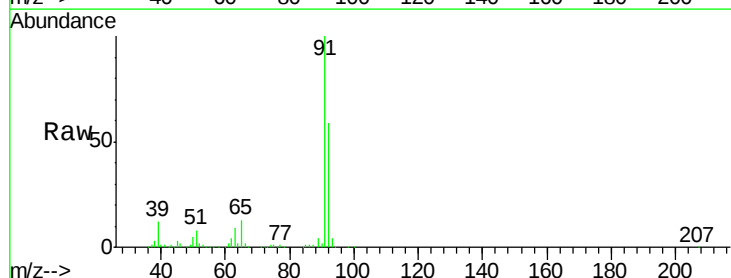
Acq: 04 Jun 2019 18:04

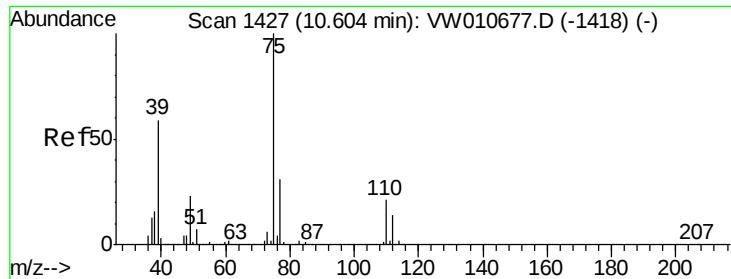
Tgt Ion: 92 Resp: 398496

Ion Ratio Lower Upper

92 100

91 170.4 134.9 202.3





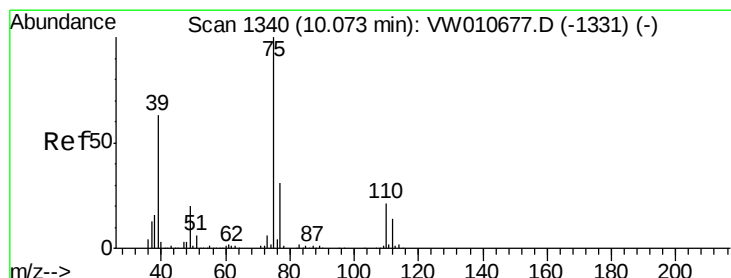
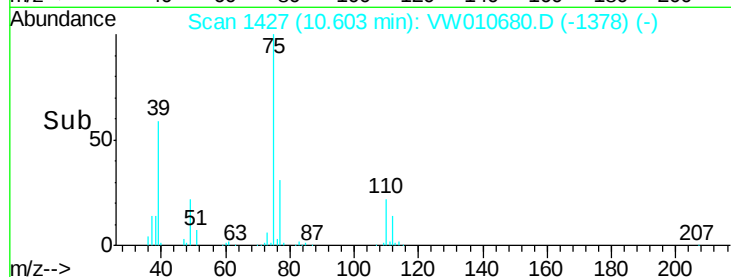
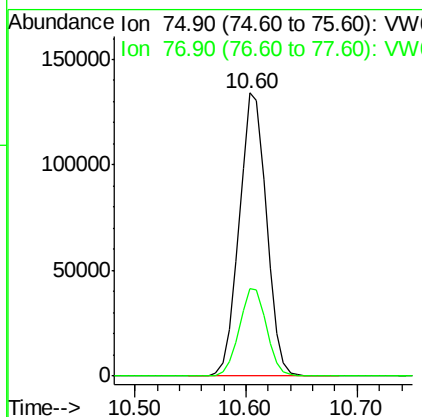
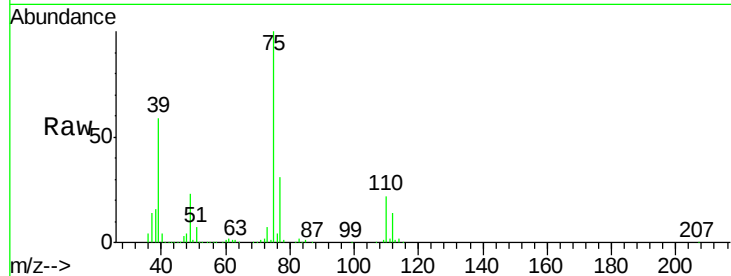
#53
 t-1,3-Dichloropropene
 Concen: 58.585 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW060419

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.6	36.8

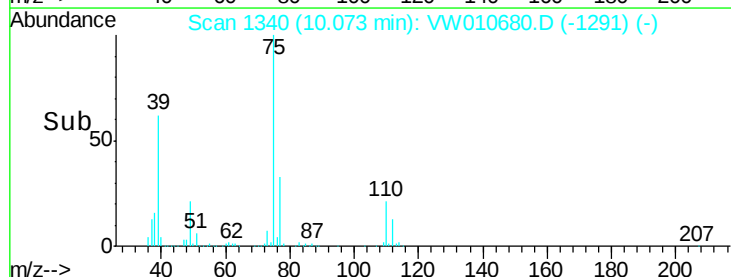
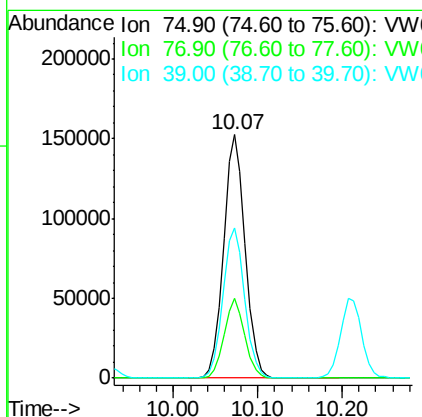
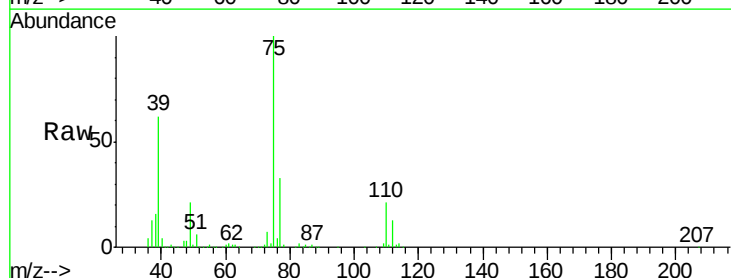
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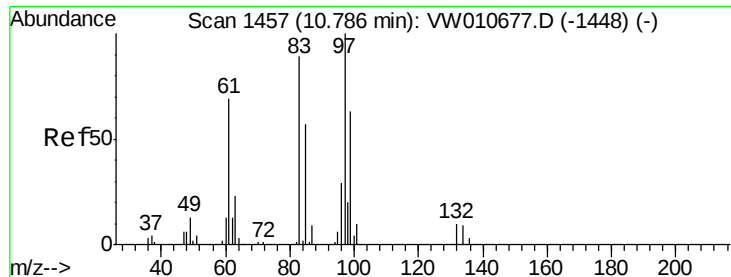
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#54
 cis-1,3-Dichloropropene
 Concen: 58.395 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.2	37.8
39	61.6	50.1	75.1





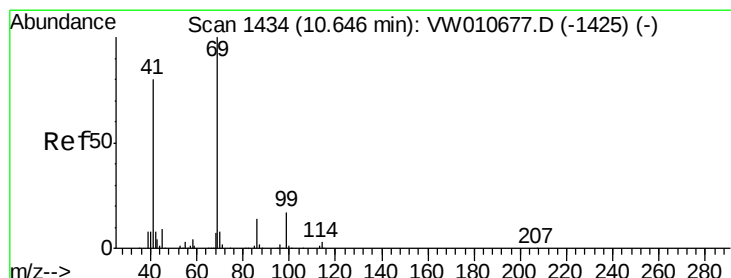
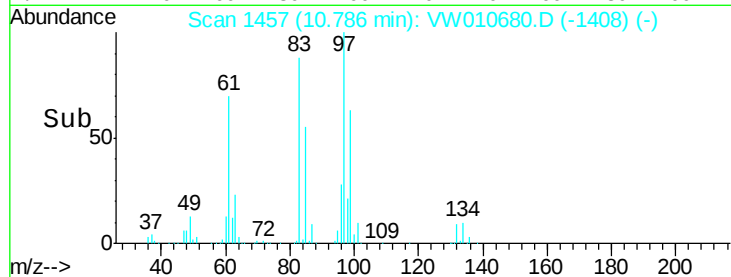
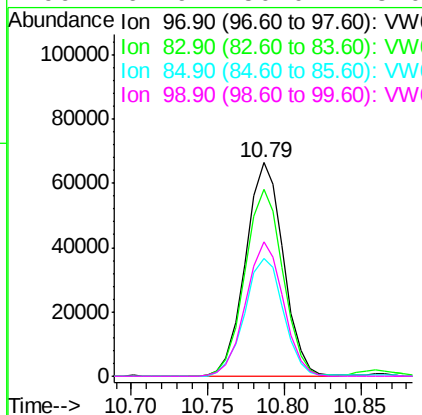
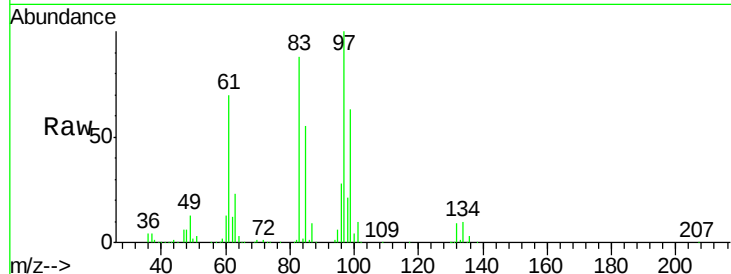
#55
 1,1,2-Trichloroethane
 Concen: 56.118 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW060419

Tot Ion:	97	Resp:	114367
Ion	Ratio	Lower	Upper
97	100		
83	87.5	71.1	106.7
85	55.3	45.2	67.8
99	62.9	50.0	75.0

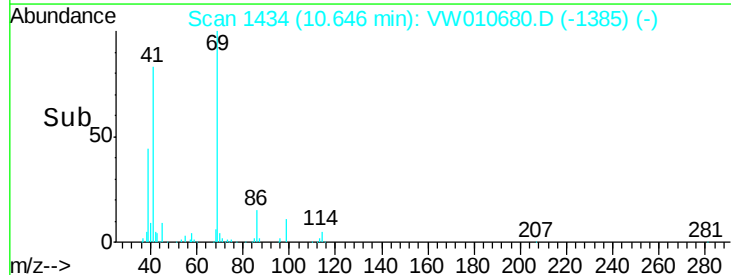
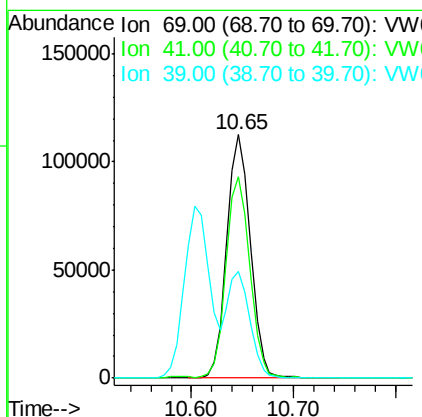
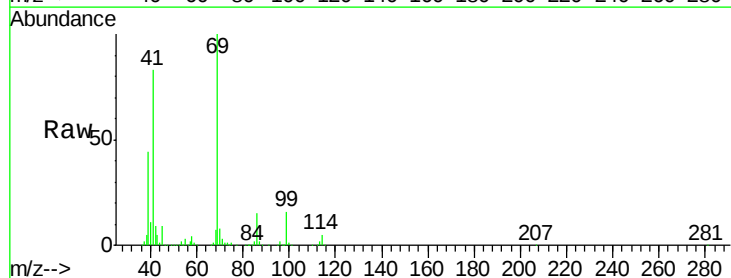
Manual Integrations
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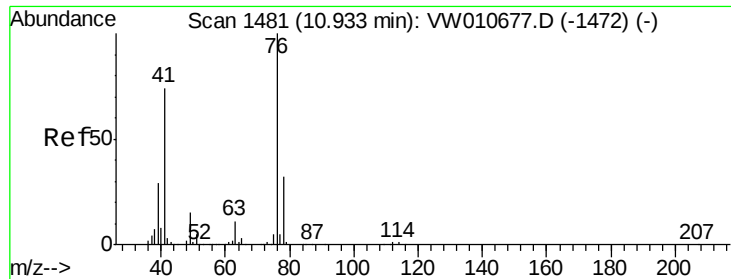
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 57.769 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion:	69	Resp:	181160
Ion	Ratio	Lower	Upper
69	100		
41	82.6	64.8	97.2
39	41.5	32.2	48.2





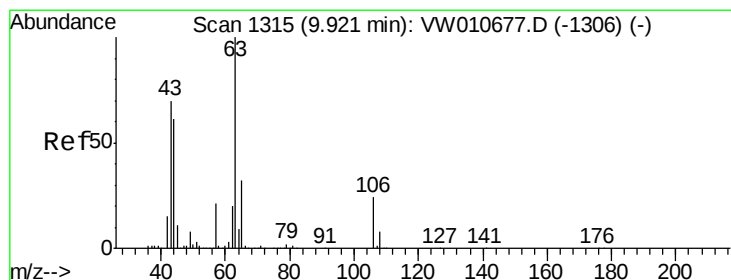
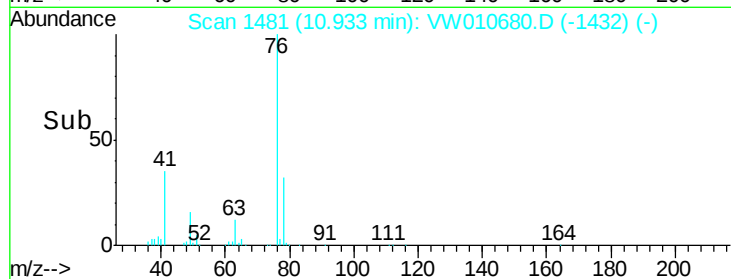
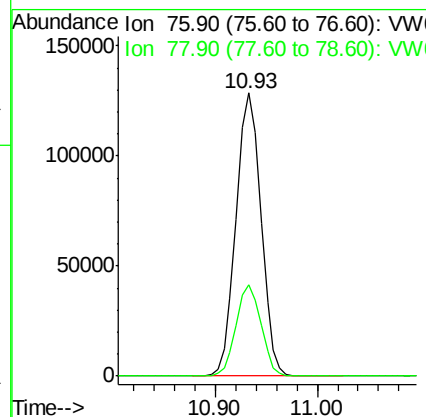
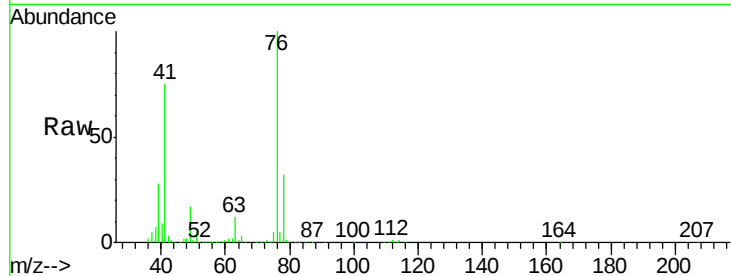
#57
 1,3-Dichloropropane
 Concen: 56.763 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW060419

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.7	38.5

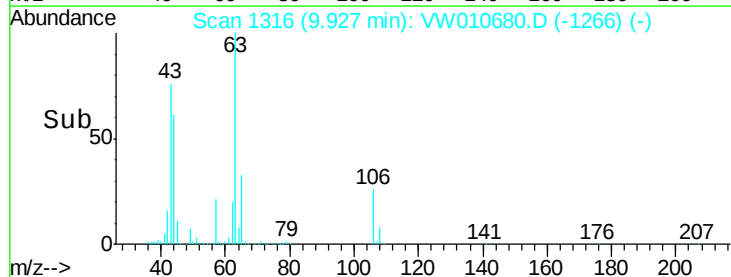
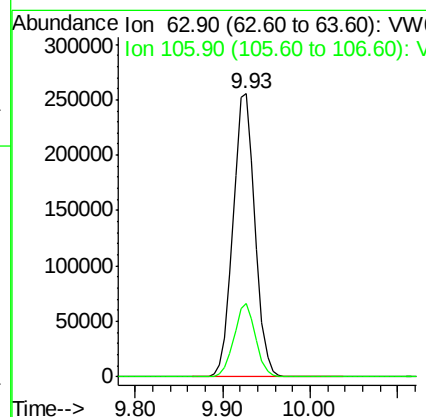
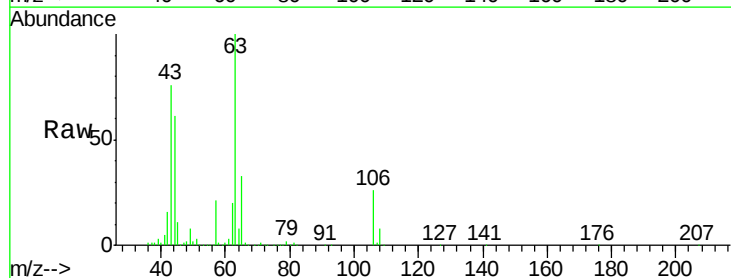
Manual Integrations
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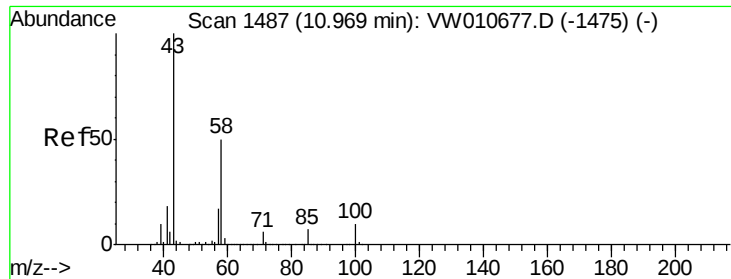
MMDadoda
 6/5/2019 3:05:16 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 271.455 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.4	20.1	30.1





#59

2-Hexanone

Concen: 288.549 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

Tot Ion: 43 Resp: 481044

Ion Ratio Lower Upper

43 100

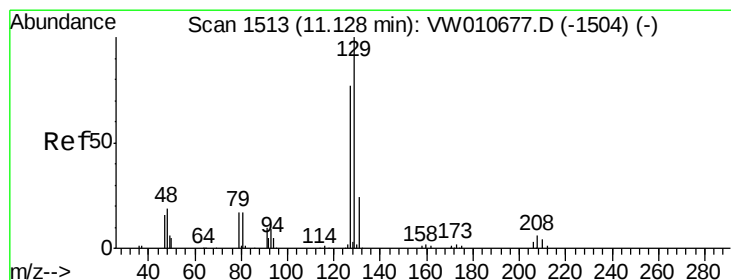
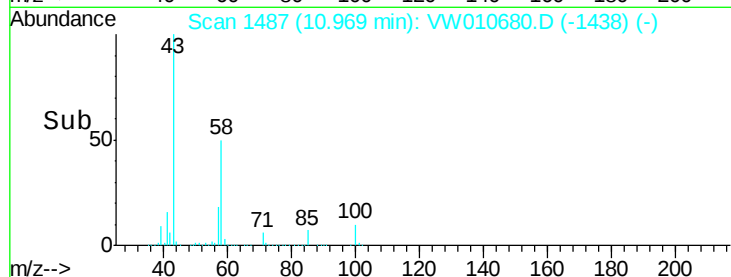
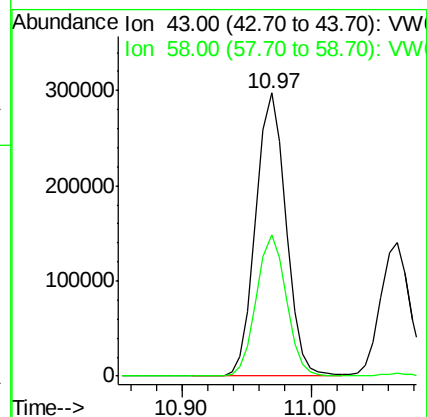
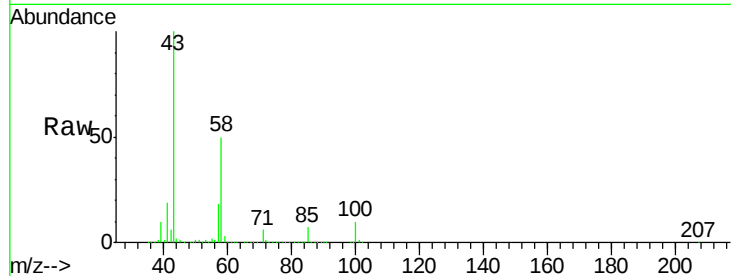
58 49.6 24.9 74.6

Manual Integrations

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#60

Dibromochloromethane

Concen: 58.518 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW010680.D

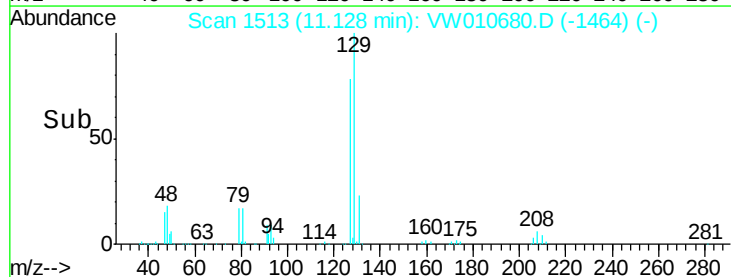
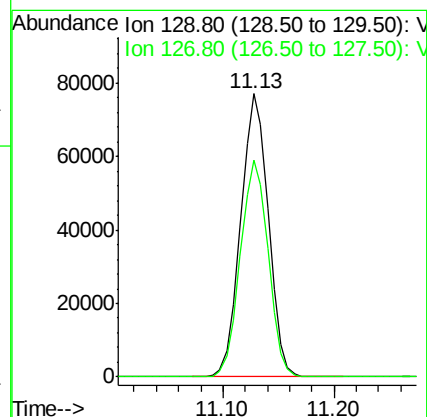
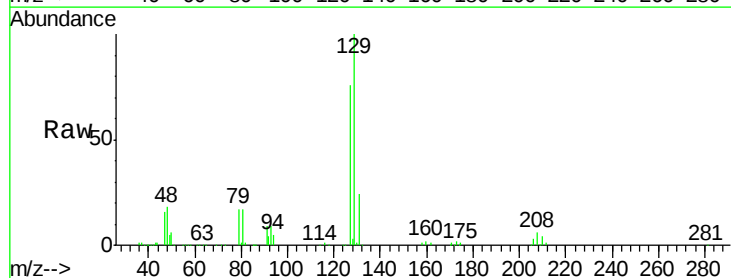
Acq: 04 Jun 2019 18:04

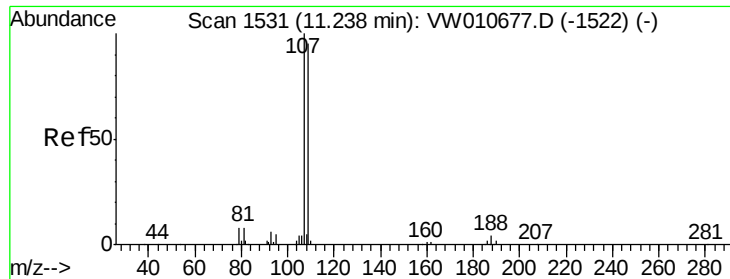
Tgt Ion: 129 Resp: 132202

Ion Ratio Lower Upper

129 100

127 77.3 38.6 116.0





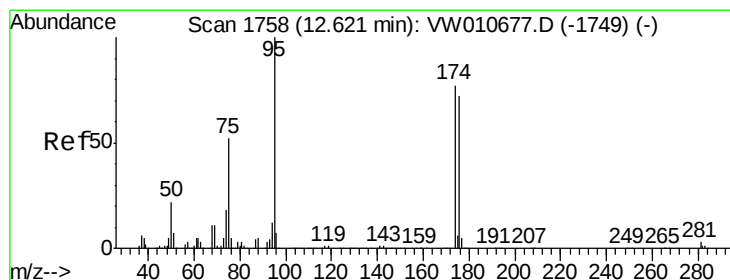
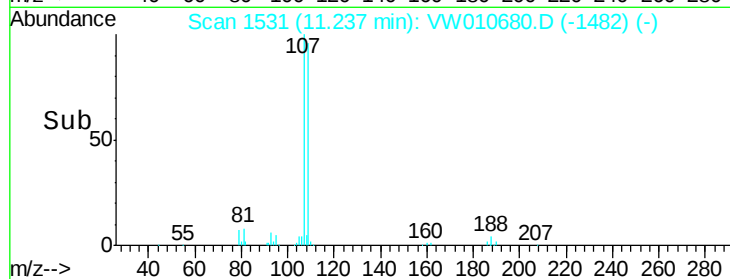
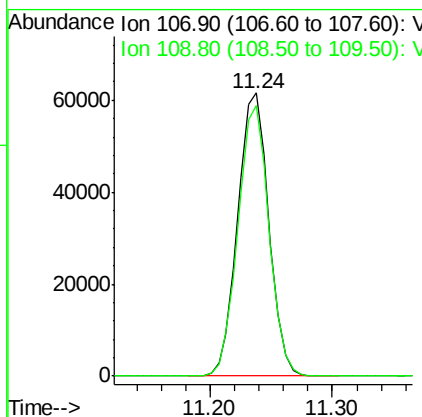
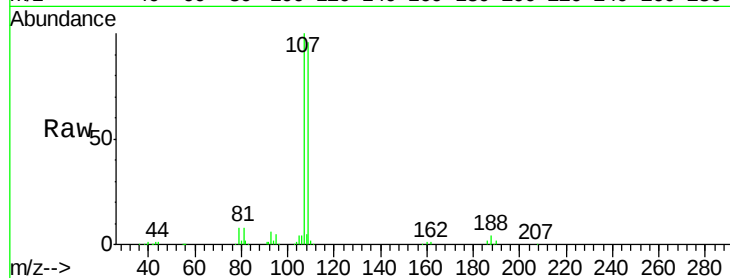
#61
 1,2-Dibromoethane
 Concen: 56.057 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.8	113.8

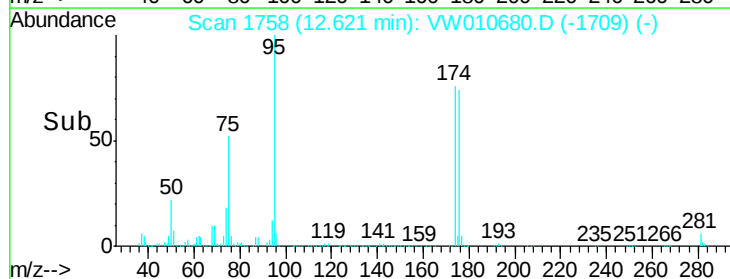
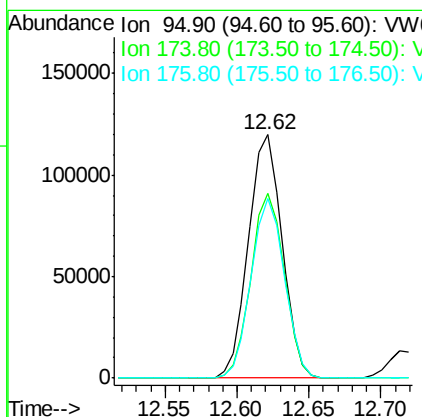
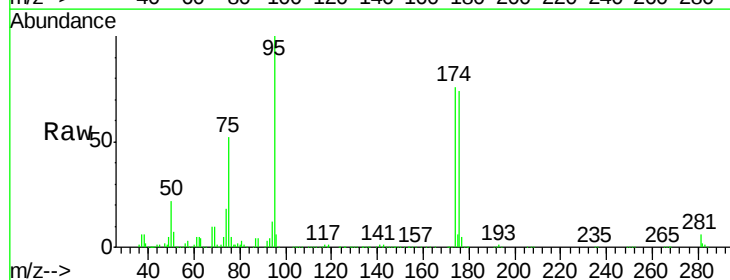
Manual Integrations
 APPROVED

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#62
 4-Bromofluorobenzene
 Concen: 54.308 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	150.4
176	73.3	0.0	144.8





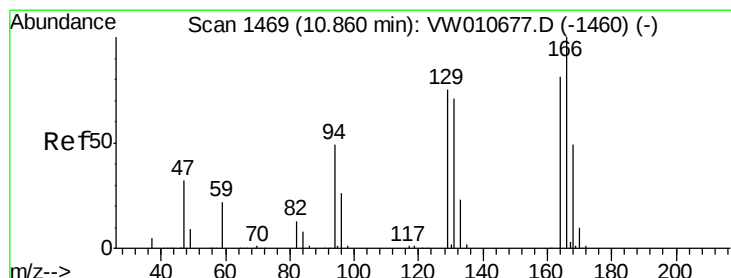
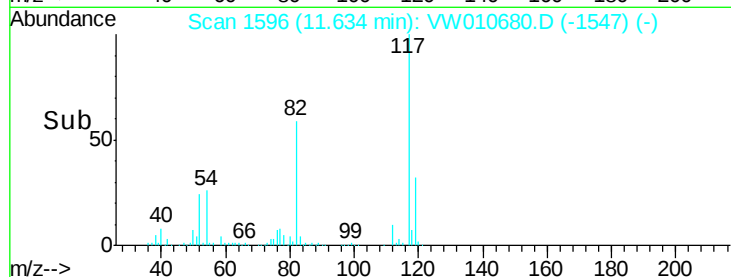
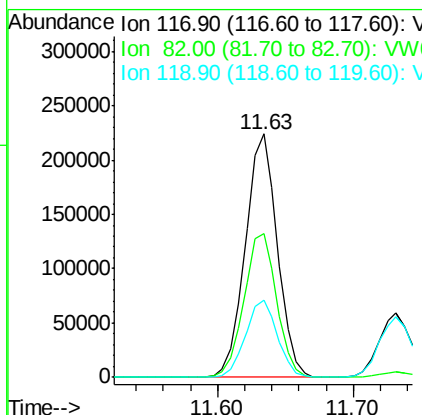
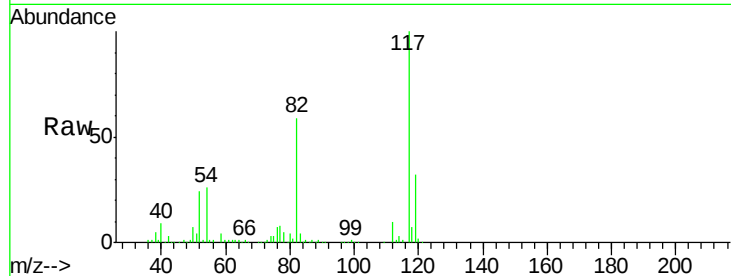
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.8	47.0	70.4
119	31.8	25.1	37.7

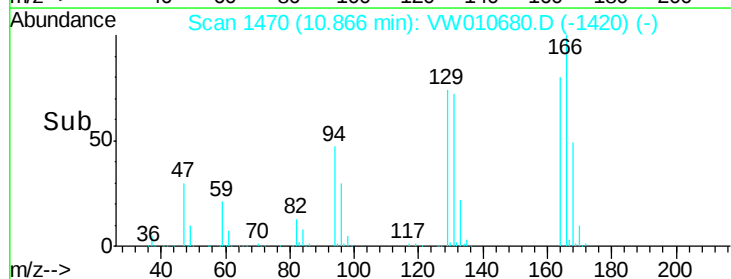
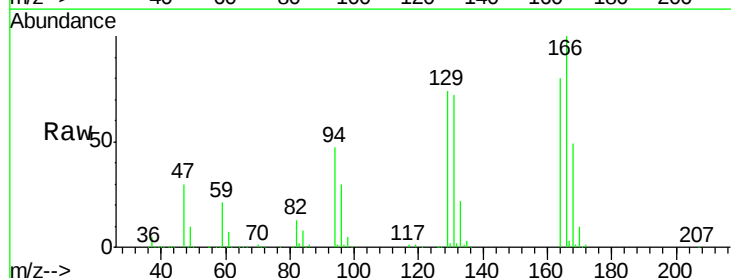
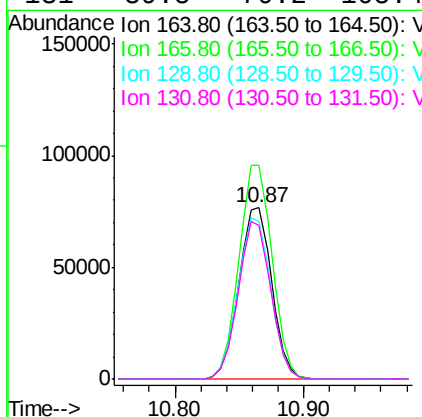
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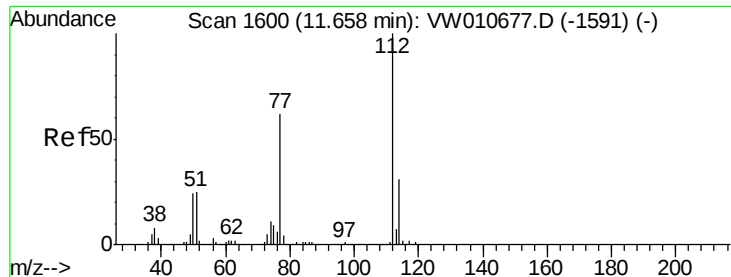
MMDadoda
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#64
Tetrachloroethene
Concen: 55.289 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.7	99.2	148.8
129	92.2	74.6	112.0
131	89.5	70.2	105.4





#65

Chlorobenzene

Concen: 55.379 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

Tot Ion:112 Resp: 401731

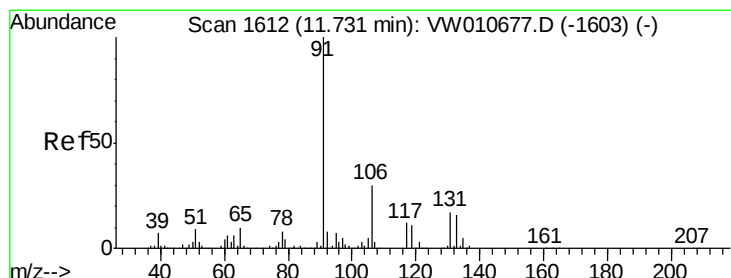
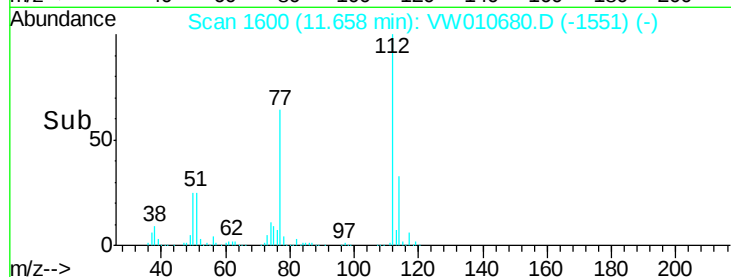
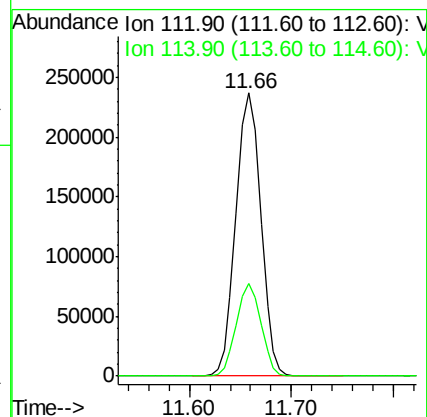
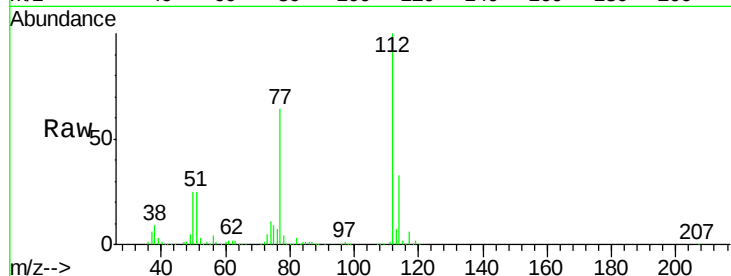
Ion Ratio Lower Upper

112 100

114 32.8 24.8 37.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 57.373 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

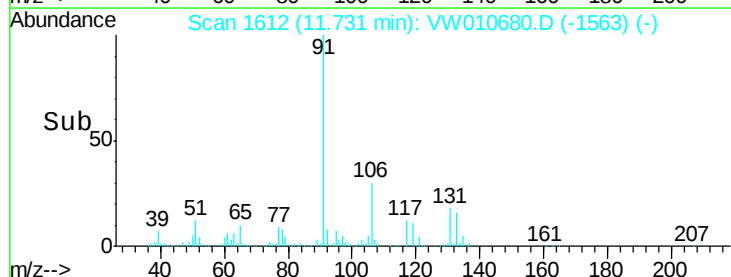
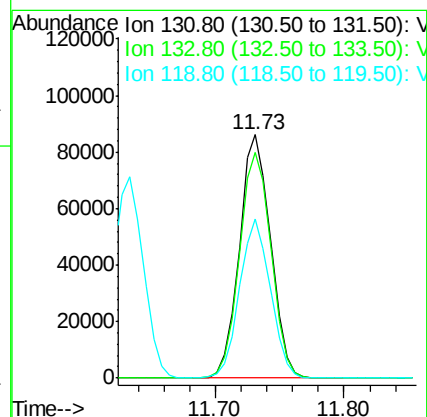
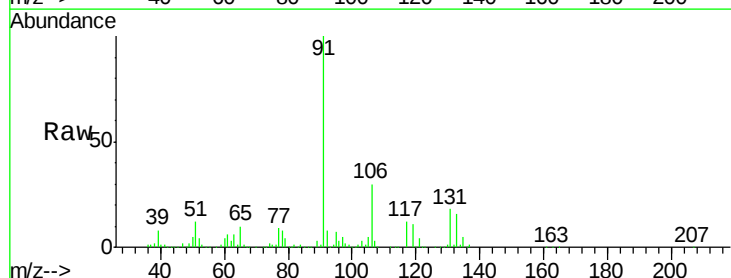
Tgt Ion:131 Resp: 144073

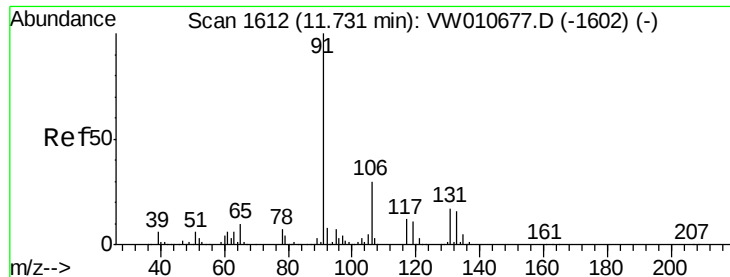
Ion Ratio Lower Upper

131 100

133 94.1 47.3 141.9

119 64.6 32.4 97.0





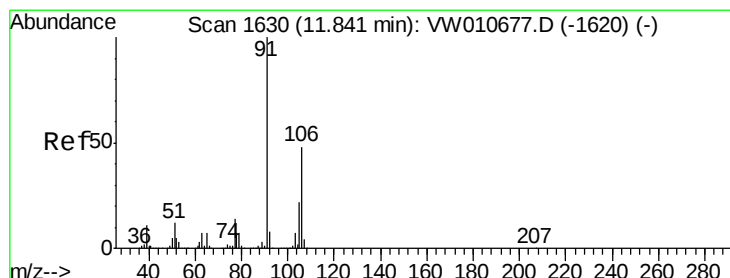
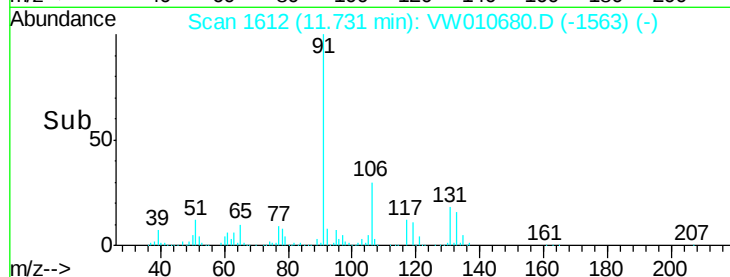
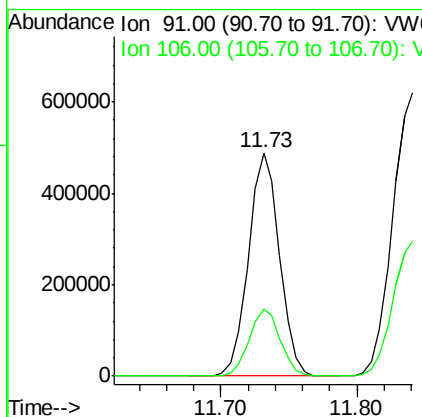
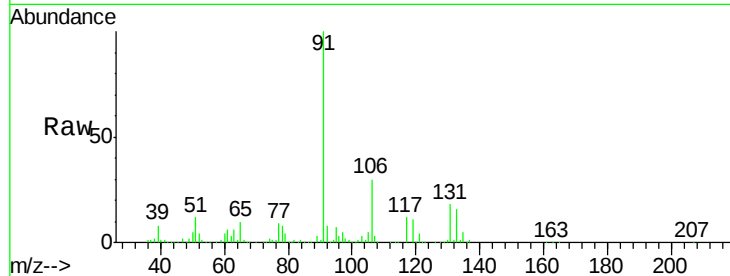
#67
Ethyl Benzene
Concen: 55.863 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion: 91 Resp: 778827
Ion Ratio Lower Upper
91 100
106 30.0 24.2 36.4

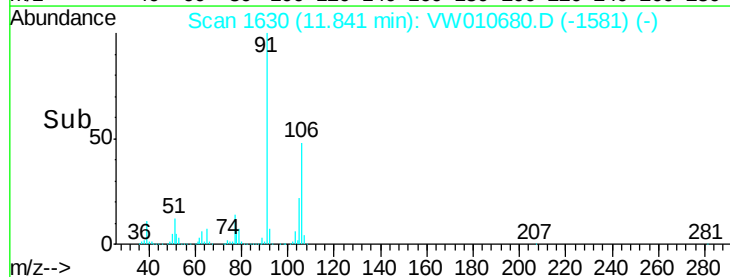
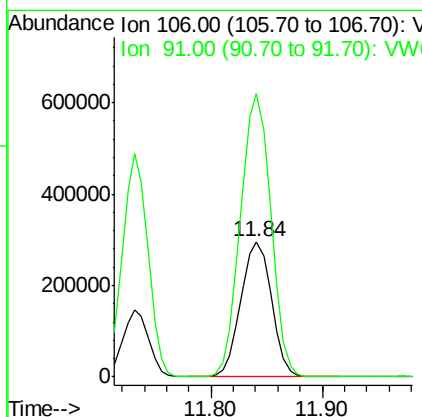
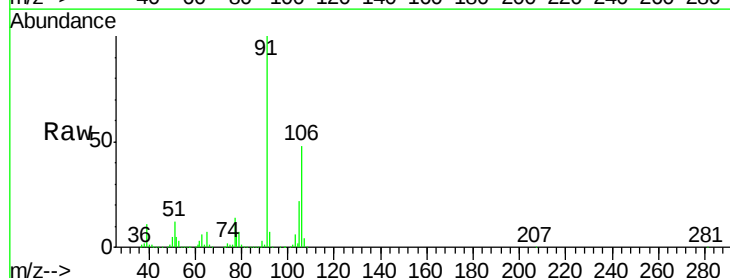
Manual Integrations
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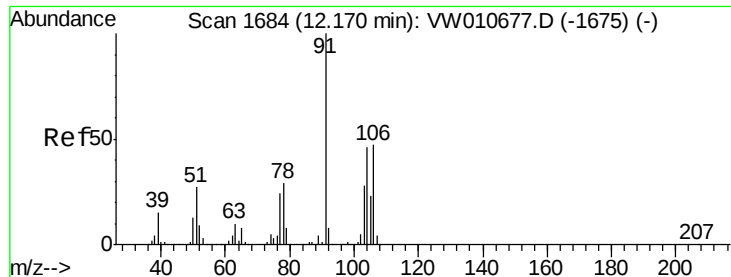
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#68
m/p-Xylenes
Concen: 113.254 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 106 Resp: 565222
Ion Ratio Lower Upper
106 100
91 208.2 166.5 249.7





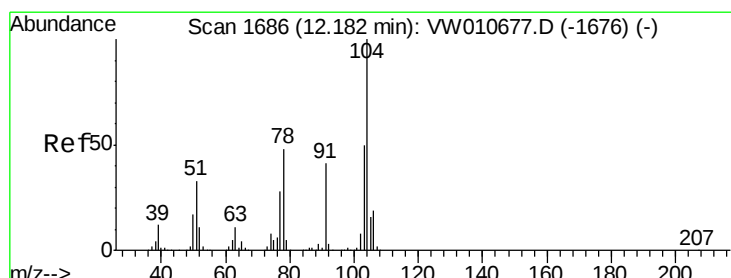
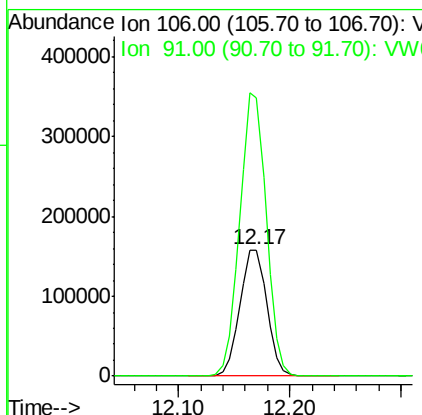
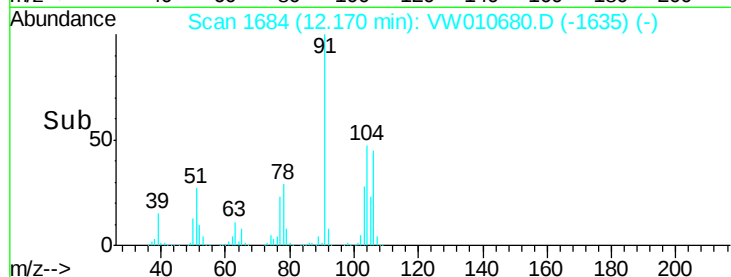
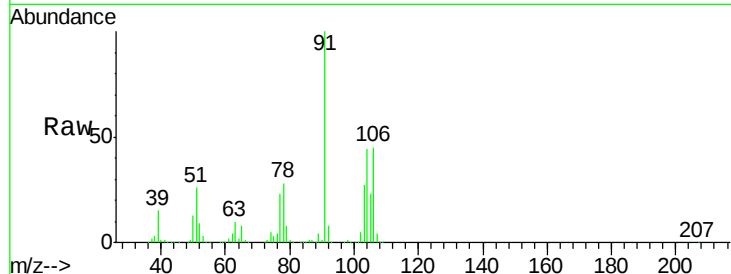
#69
o-Xylene
Concen: 56.343 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampled :
ICVW060419

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.0	108.9	326.6

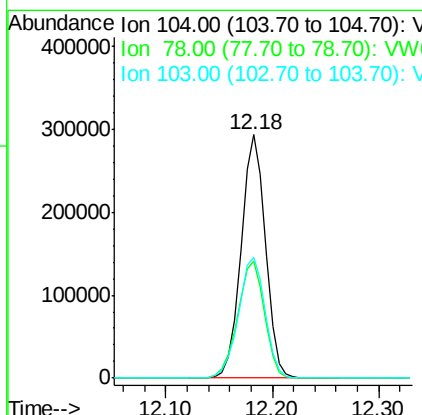
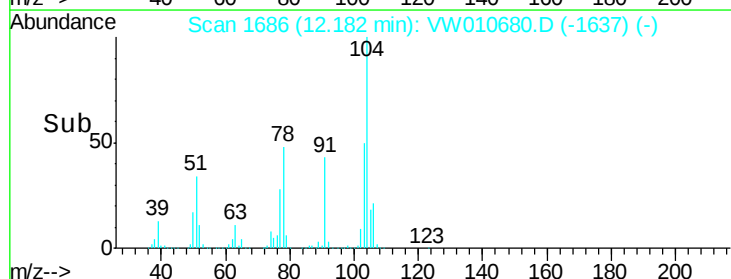
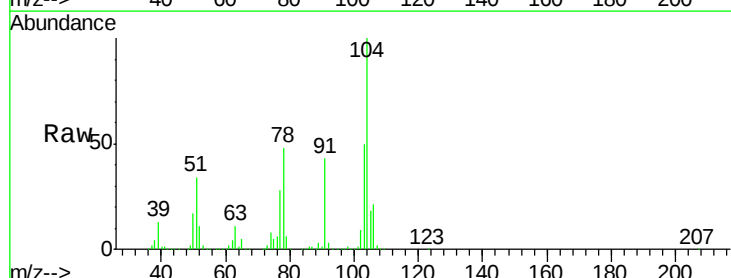
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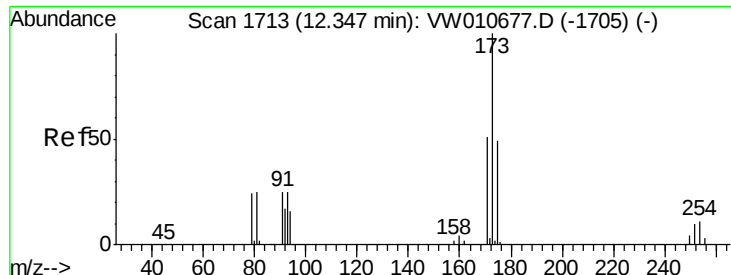
MMDadoda
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#70
Styrene
Concen: 57.153 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.0	42.7	64.1
103	54.5	43.6	65.4





#71

Bromoform

Concen: 57.439 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

ClientSampleId :

ICVW060419

Tot Ion:173 Resp: 74598

Ion Ratio Lower Upper

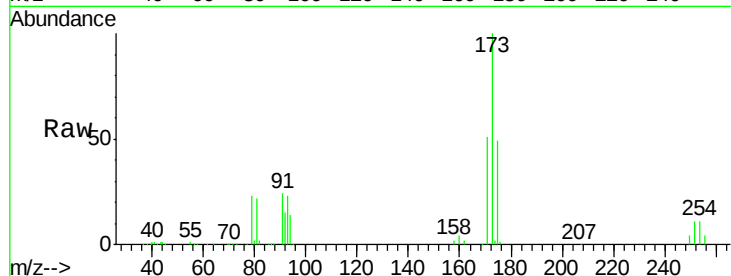
173 100

175 48.9 24.3 72.8

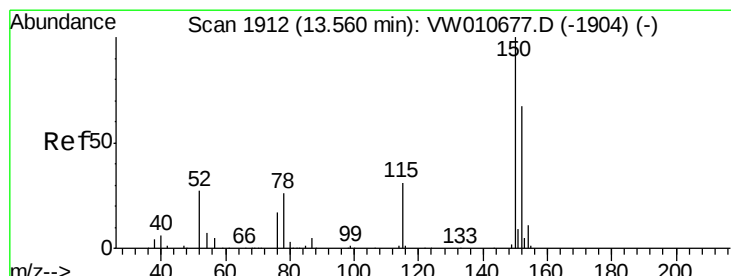
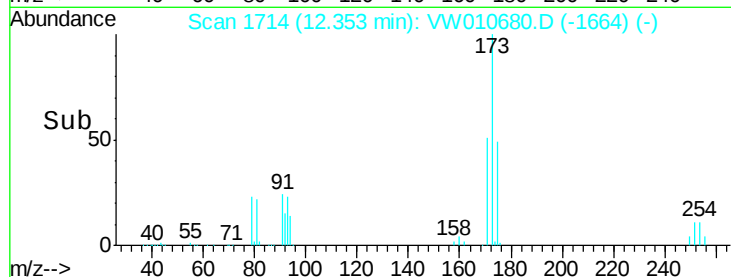
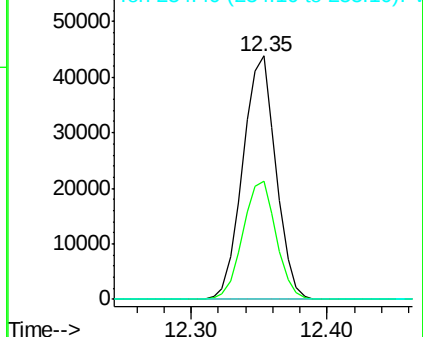
254 0.1 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

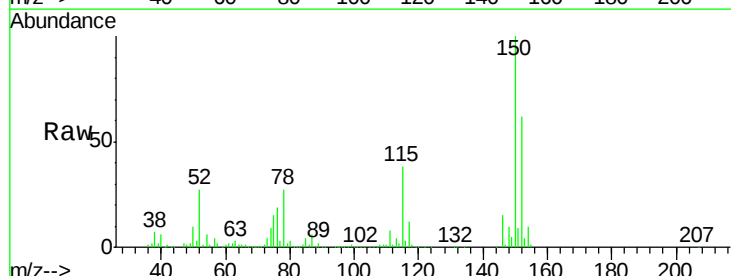
Tgt Ion:152 Resp: 179335

Ion Ratio Lower Upper

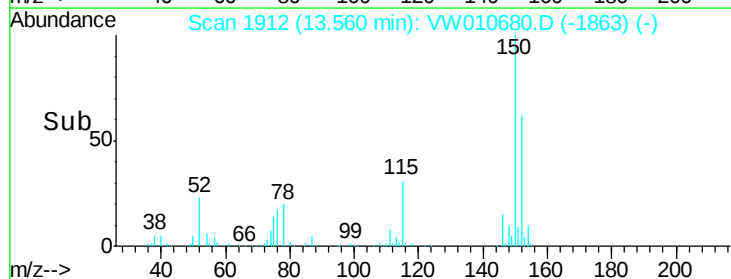
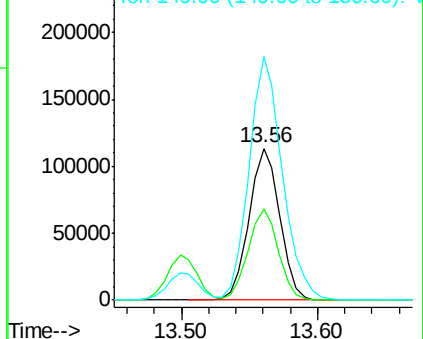
152 100

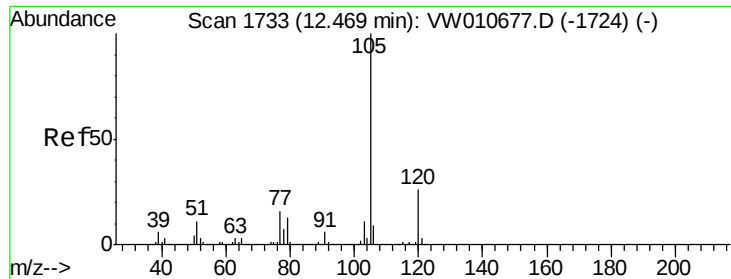
115 59.2 29.8 89.3

150 174.1 0.0 345.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





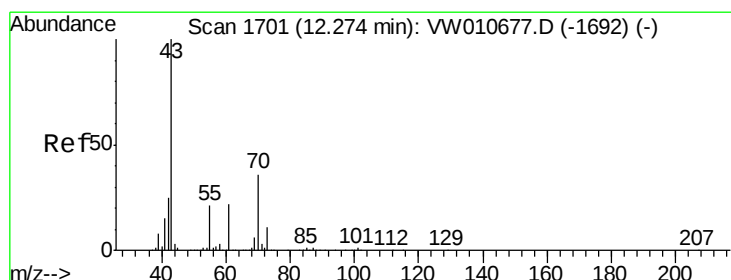
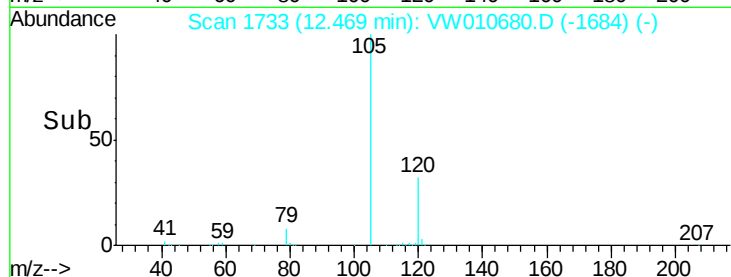
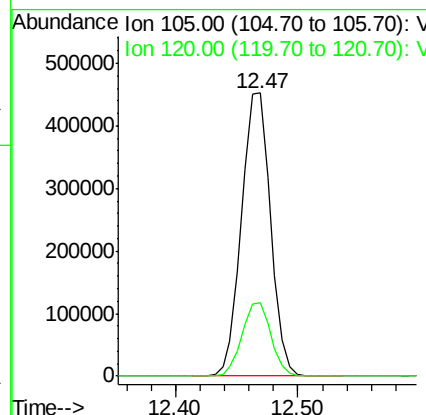
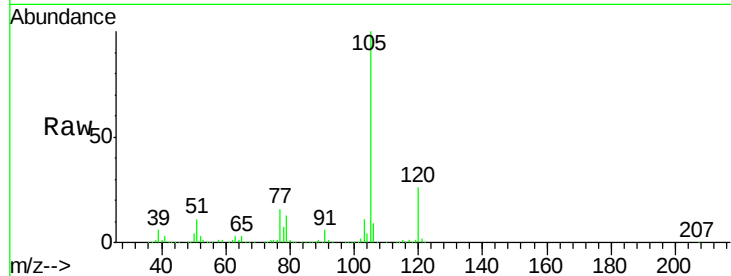
#73
Isopropylbenzene
Concen: 55.104 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.1	39.1

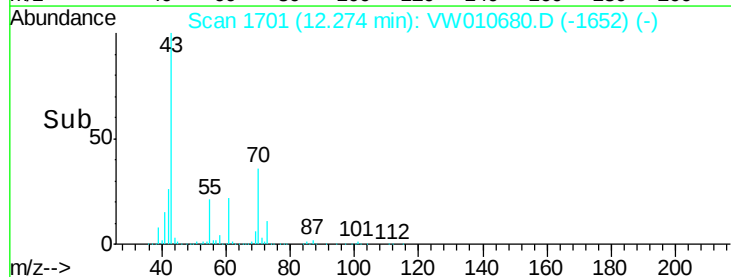
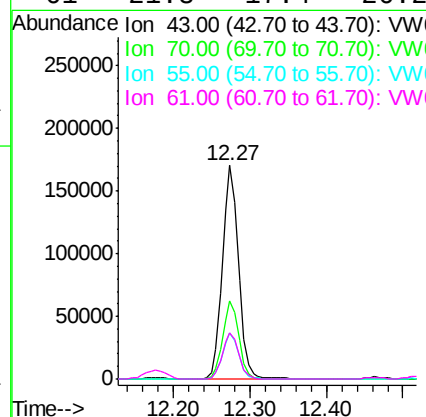
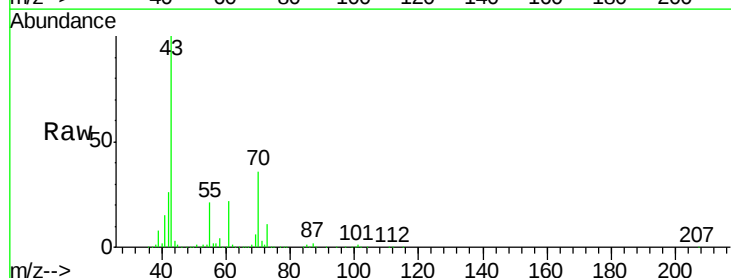
Manual Integrations
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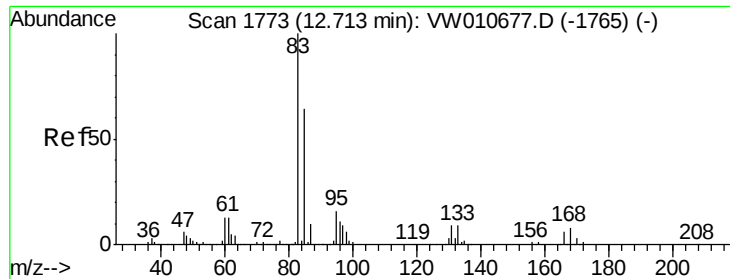
MMDadoda
6/5/2019 3:05:16 PM



#74
N-ethyl acetate
Concen: 56.905 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.6	29.2	43.8
55	21.9	17.5	26.3
61	21.8	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 54.506 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

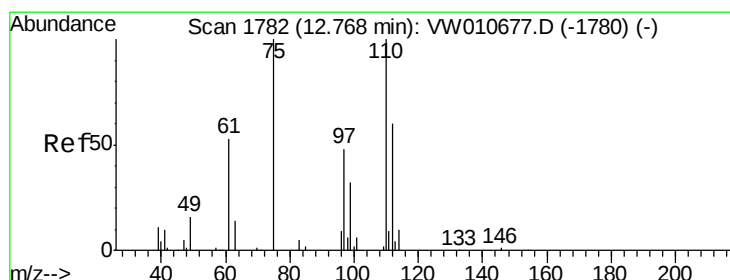
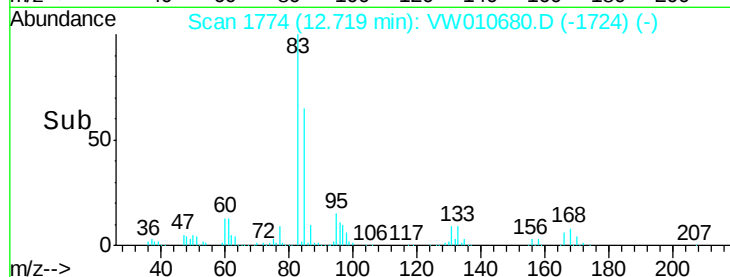
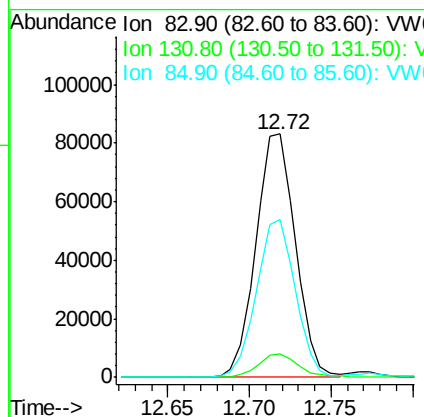
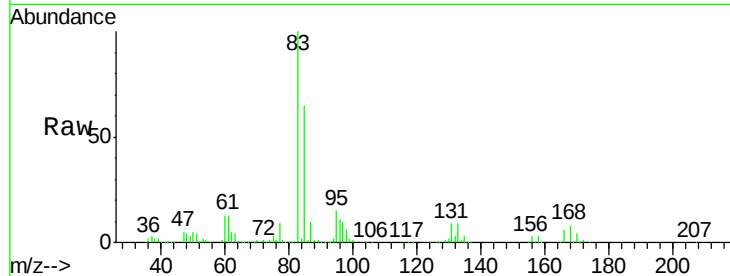
ClientSampled :

ICVW060419

Tot Ion:	83	Resp:	139838
Ion Ratio	Lower	Upper	
83	100		
131	10.0	4.9	14.7
85	63.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 54.689 ug/l m

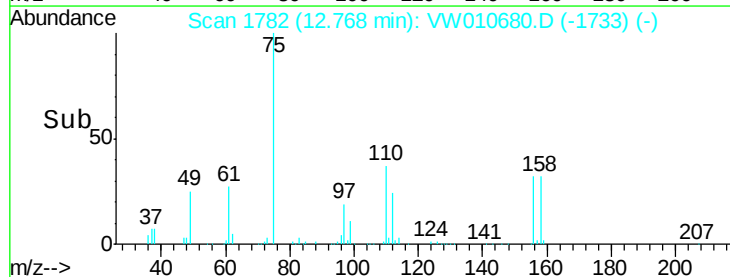
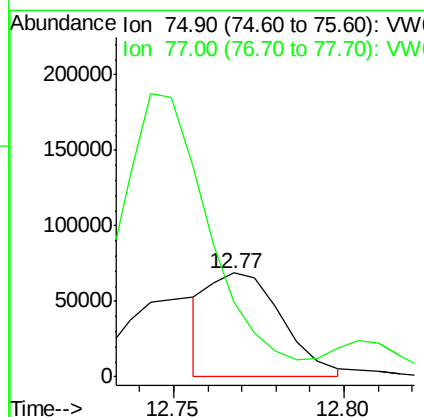
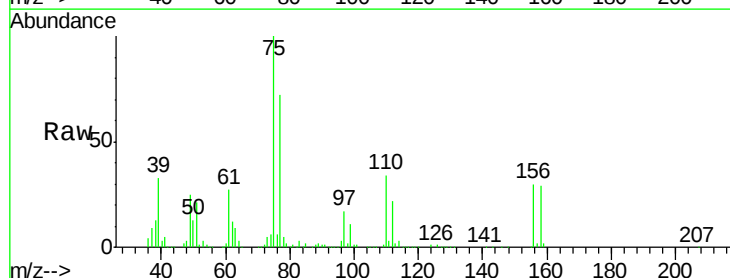
RT: 12.77 min Scan# 1782

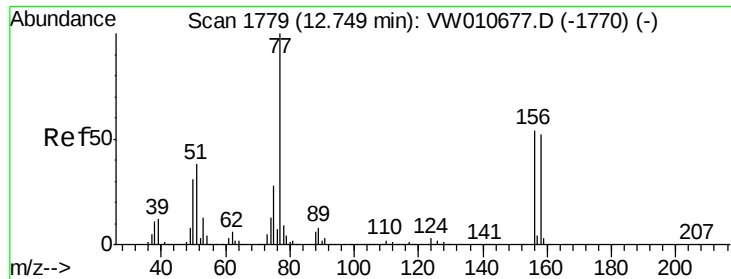
Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Tgt Ion:	75	Resp:	102994
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.462 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

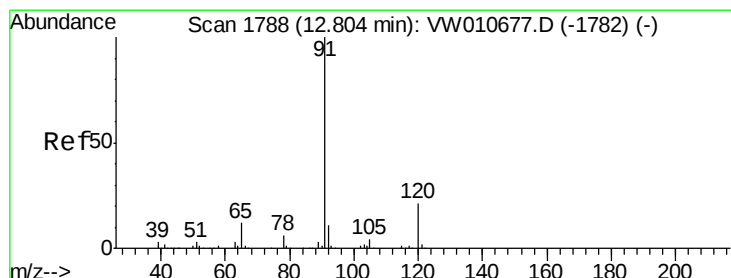
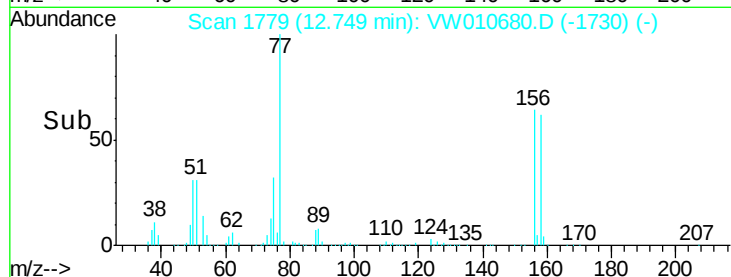
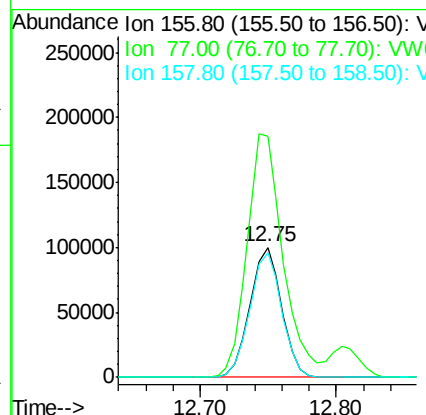
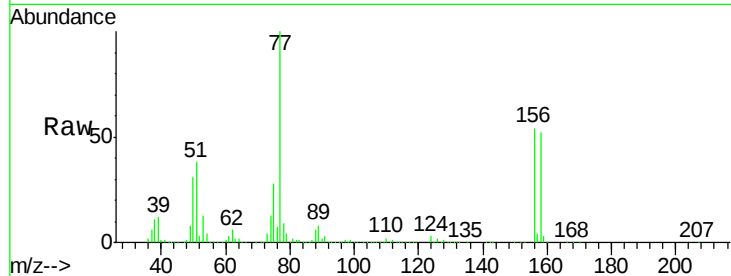
ClientSampled :

ICVW060419

Tot Ion:	156	Resp:	163151
Ion Ratio	Lower	Upper	
156	100		
77	211.8	106.5	319.4
158	96.8	48.3	144.9

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#78

n-propylbenzene

Concen: 55.619 ug/l

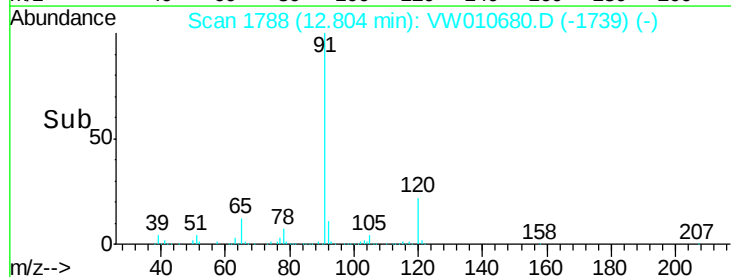
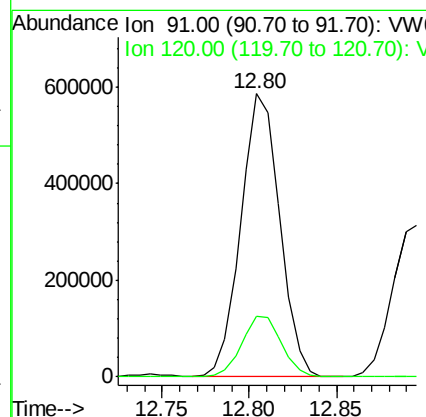
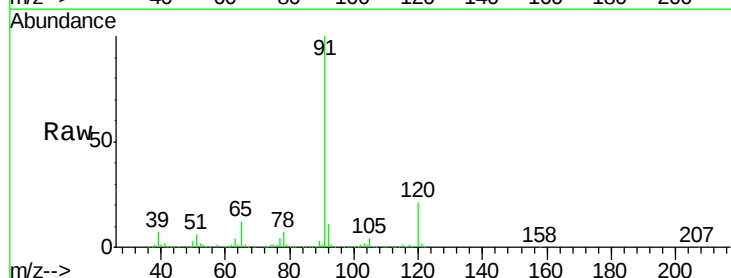
RT: 12.80 min Scan# 1788

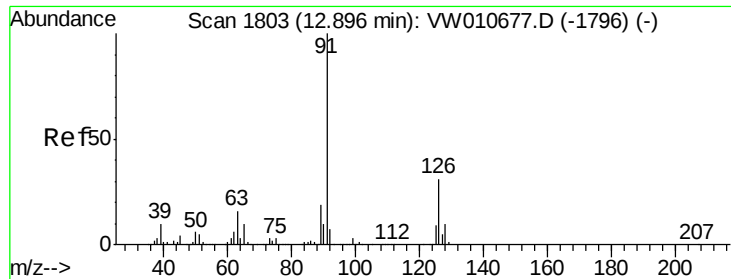
Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Tgt Ion:	91	Resp:	903801
Ion Ratio	Lower	Upper	
91	100		
120	21.8	10.8	32.4





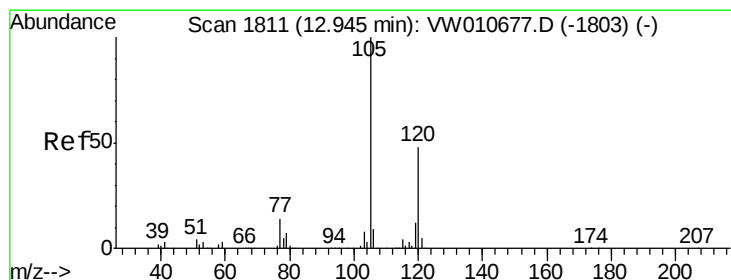
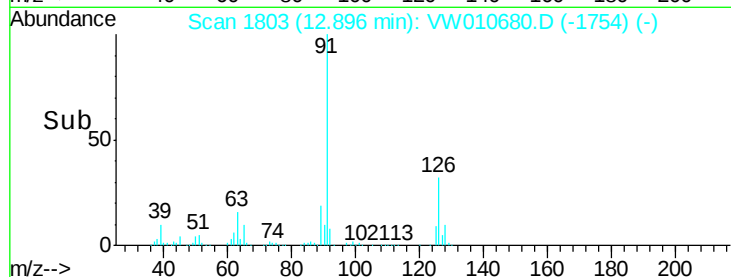
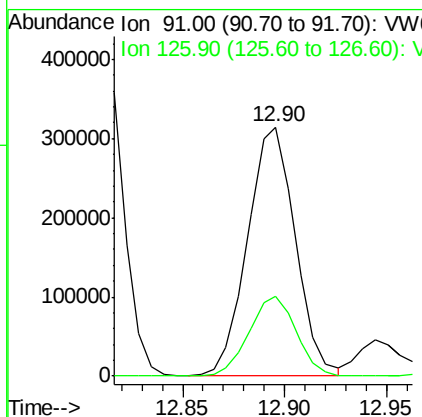
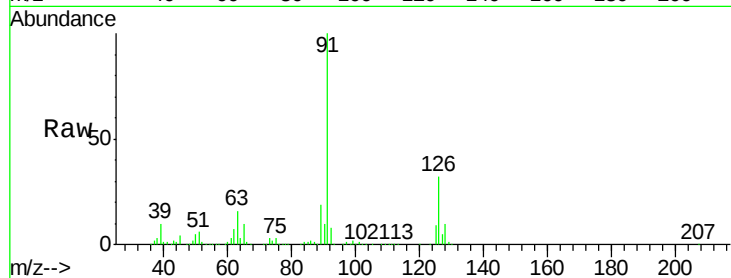
#79
2-Chlorotoluene
Concen: 55.131 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion: 91 Resp: 511826
Ion Ratio Lower Upper
91 100
126 31.7 15.7 47.0

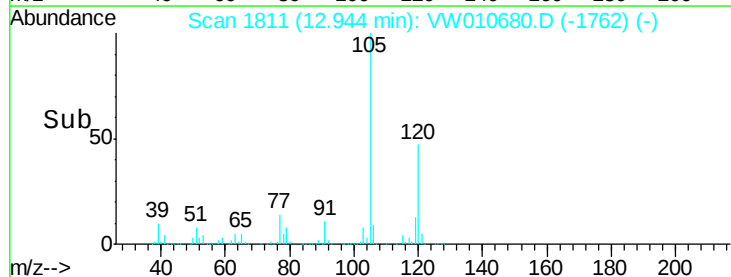
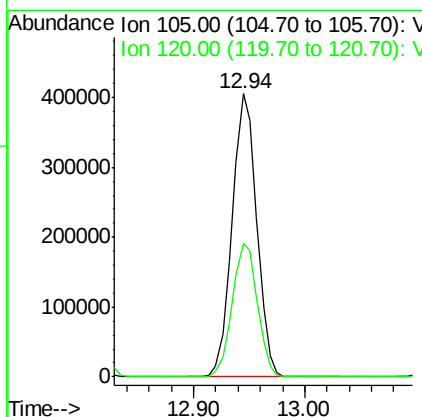
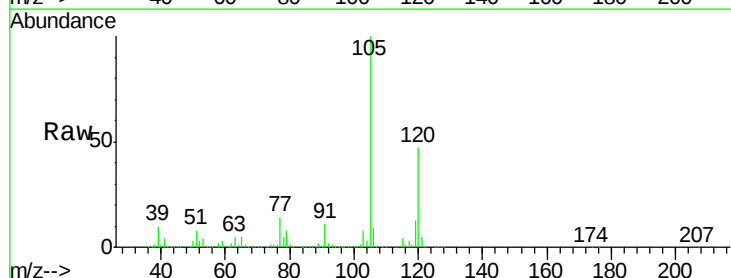
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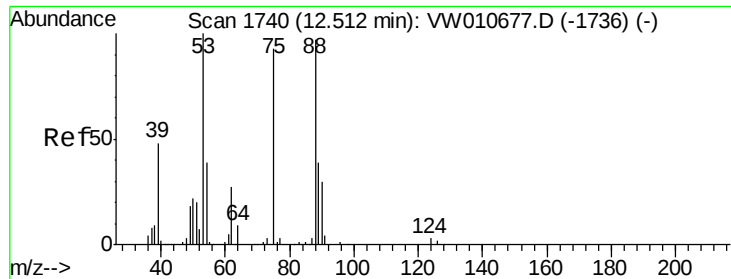
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#80
1,3,5-Trimethylbenzene
Concen: 55.968 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion: 105 Resp: 617360
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 58.495 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Instrument :

MSVOA_W

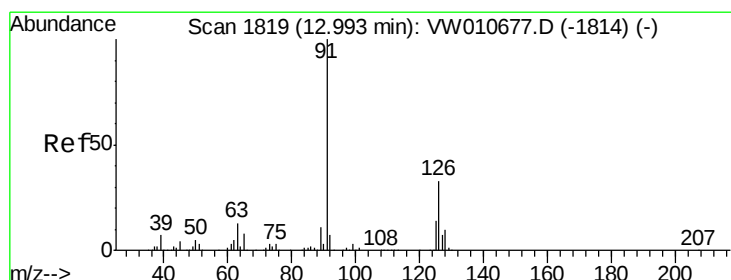
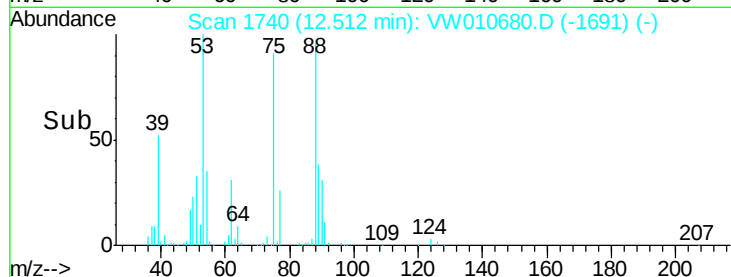
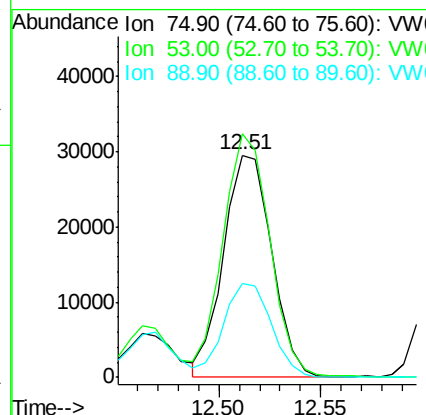
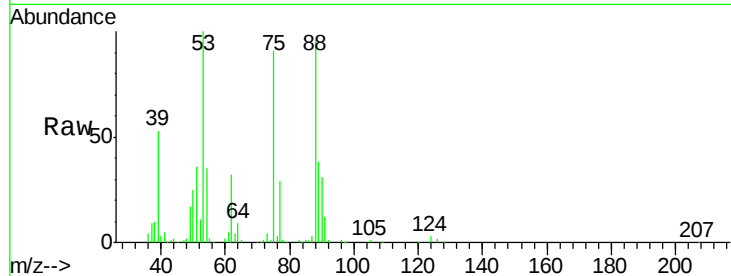
ClientSampleId :

ICVW060419

Tot Ion:	75	Resp:	47931
Ion	Ratio	Lower	Upper
75	100		
53	107.6	90.1	135.1
89	42.4	34.6	52.0

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#82

4-Chlorotoluene

Concen: 55.603 ug/l

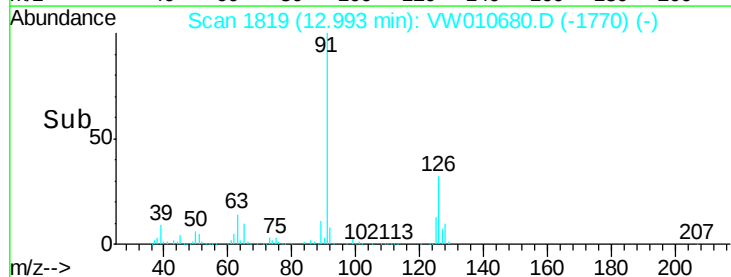
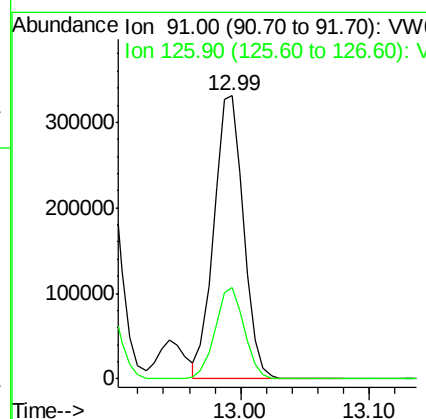
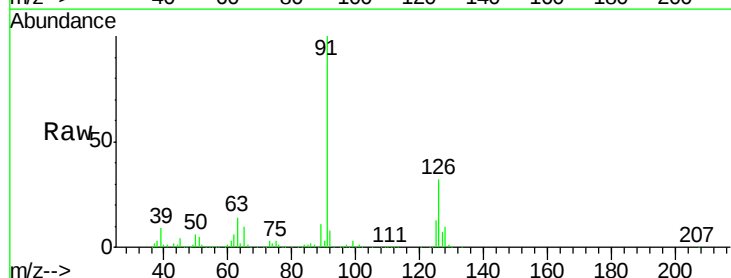
RT: 12.99 min Scan# 1819

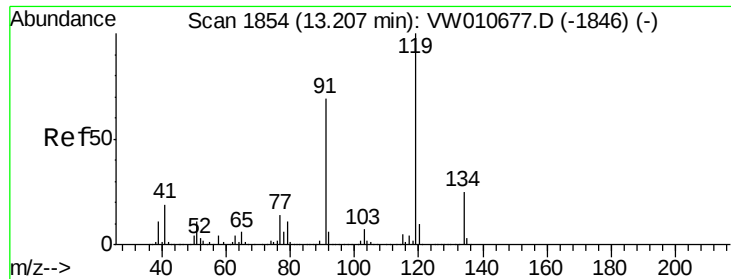
Delta R.T. -0.00 min

Lab File: VW010680.D

Acq: 04 Jun 2019 18:04

Tgt Ion:	91	Resp:	532706
Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.9	47.7





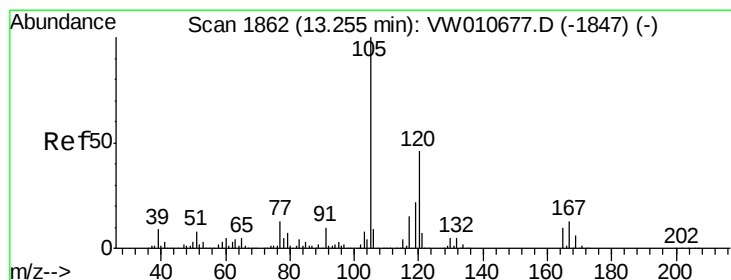
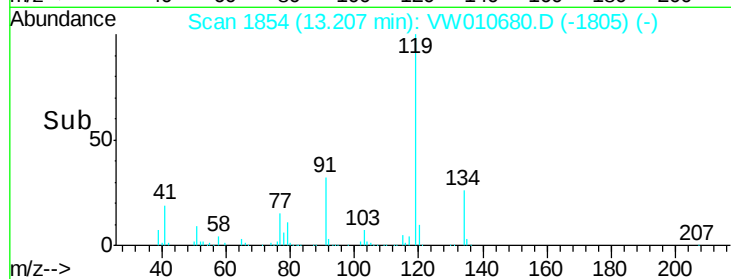
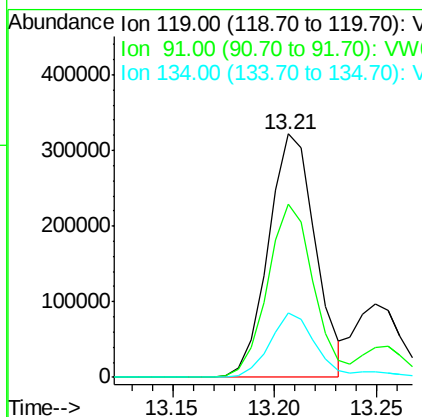
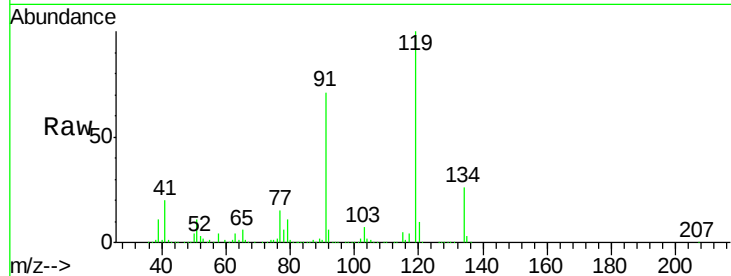
#83
 tert-Butylbenzene
 Concen: 55.379 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.0	35.1	105.3
134	27.4	13.6	40.7

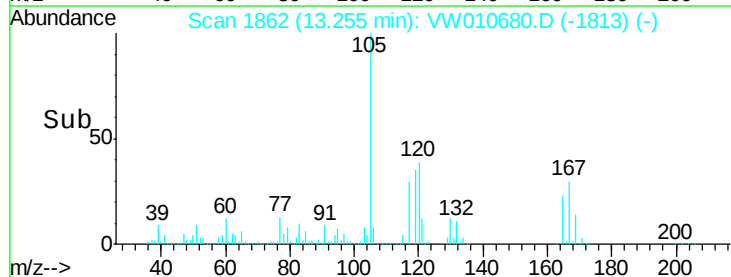
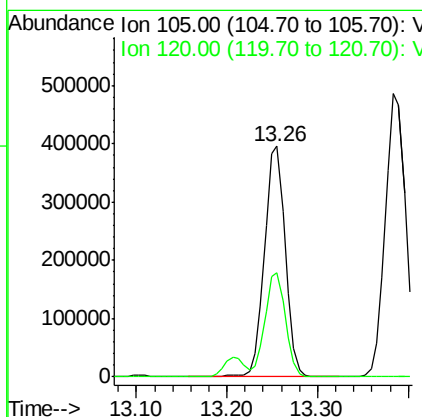
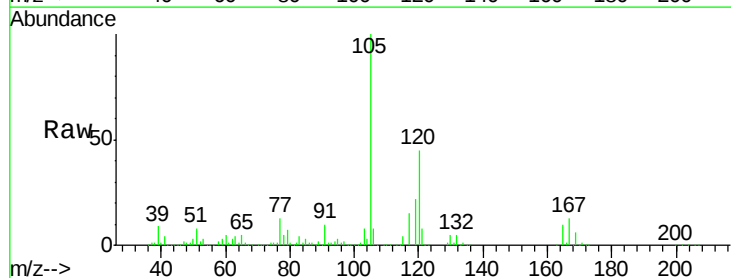
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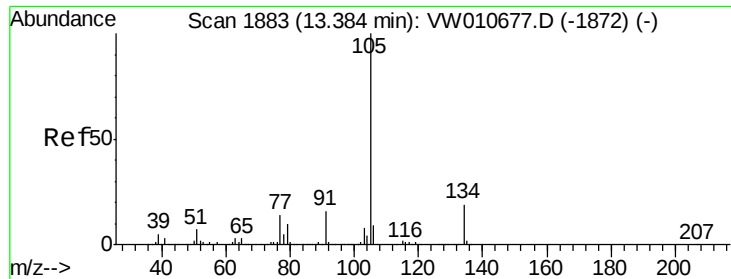
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#84
 1,2,4-Trimethylbenzene
 Concen: 56.602 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.7	22.5	67.5





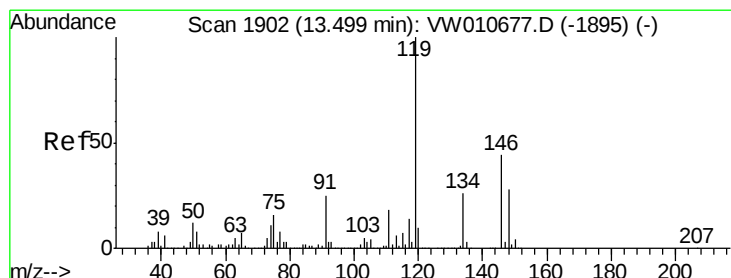
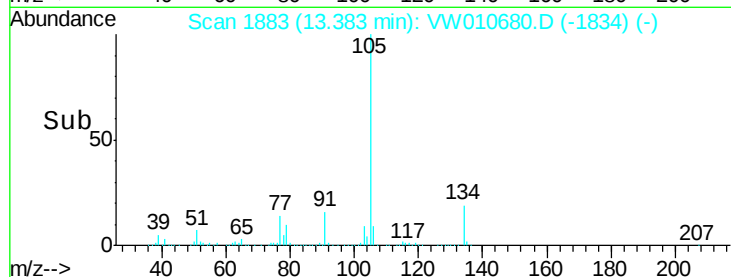
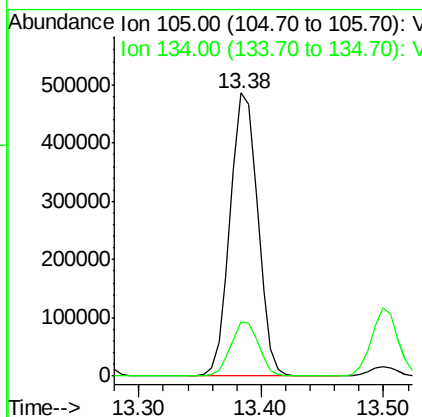
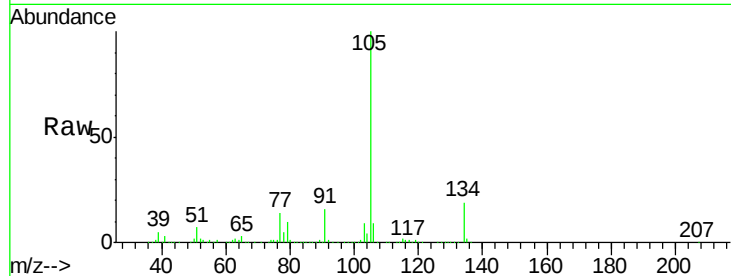
#85
 sec-Butylbenzene
 Concen: 55.655 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW060419

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

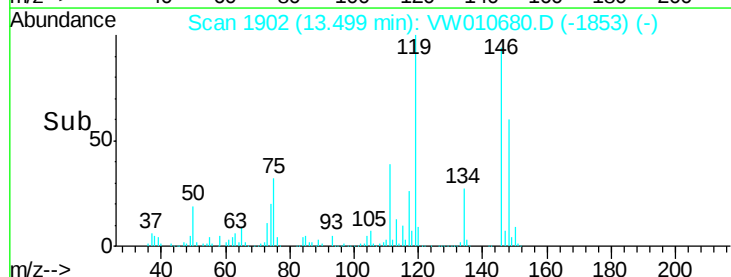
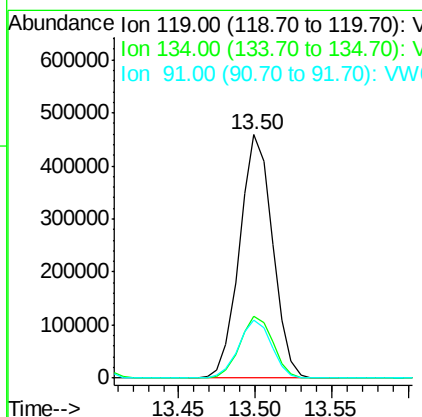
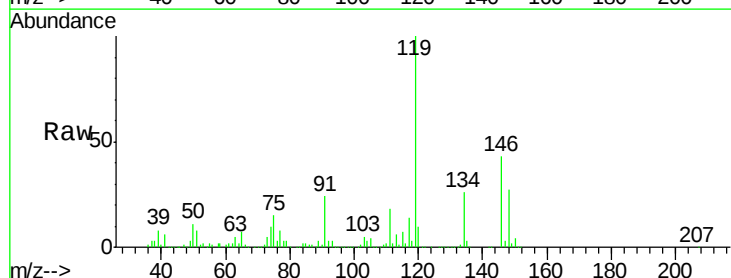
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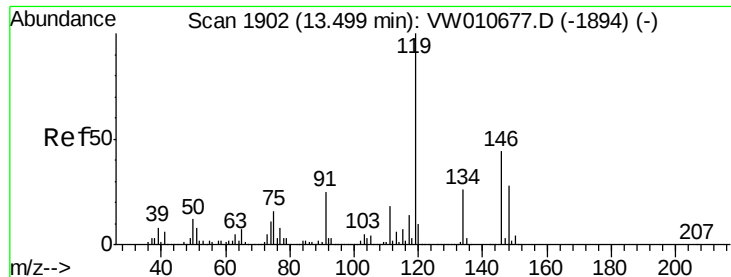
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#86
 p-Isopropyltoluene
 Concen: 56.256 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.0	39.0
91	24.1	12.2	36.4





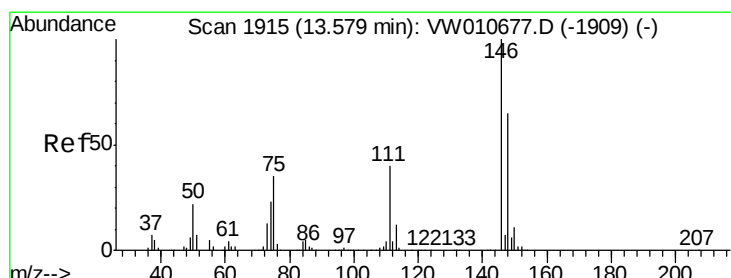
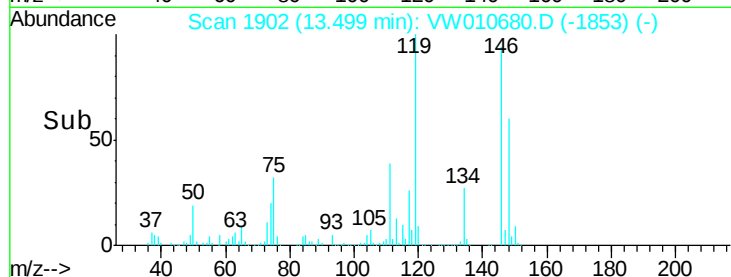
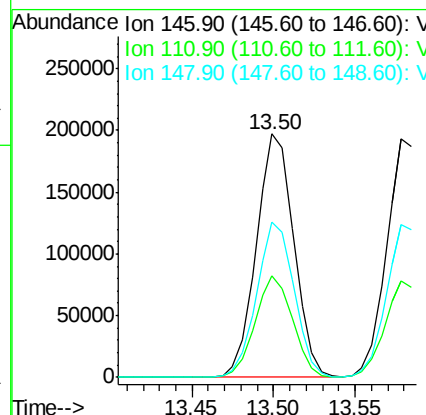
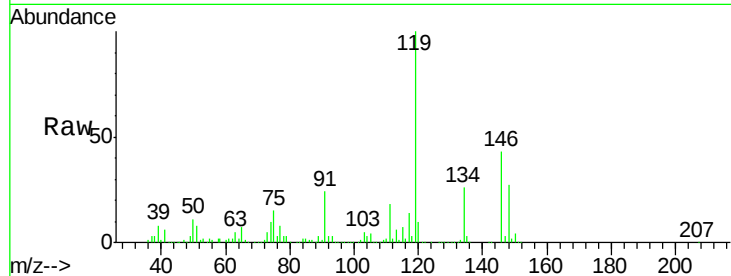
#87
 1,3-Dichlorobenzene
 Concen: 55.740 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

Tot Ion	Ratio	Resp	Lower	Upper
146	100	316207		
111	41.4	20.4	61.3	
148	63.6	31.5	94.5	

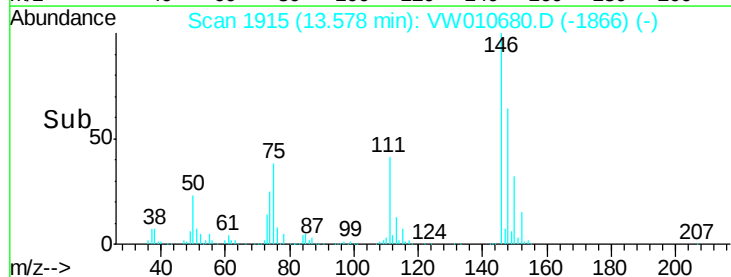
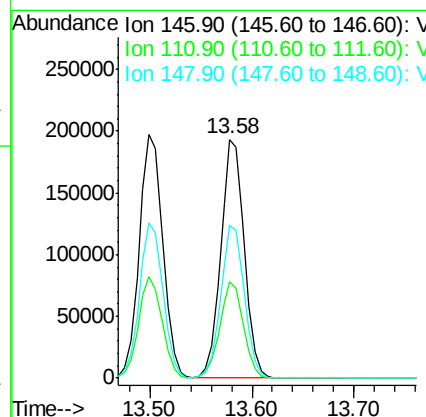
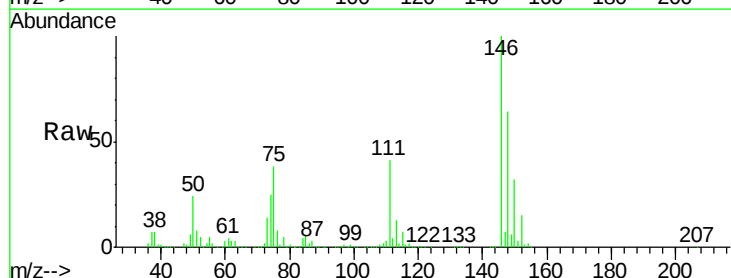
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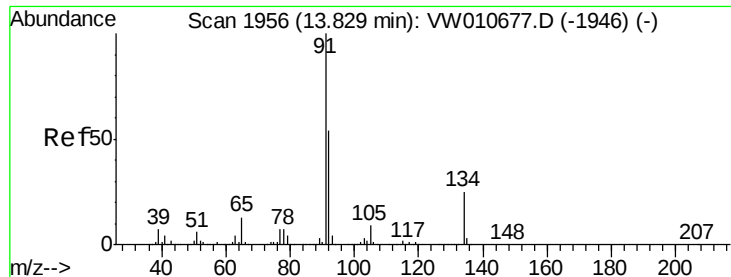
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#88
 1,4-Dichlorobenzene
 Concen: 55.172 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	310290		
111	41.0	20.3	60.9	
148	64.5	32.4	97.2	





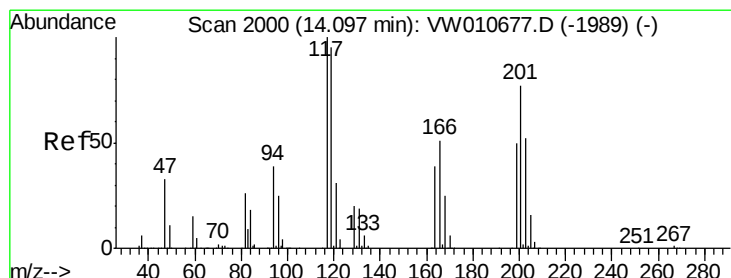
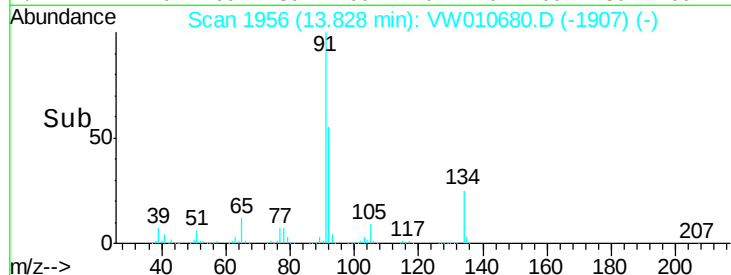
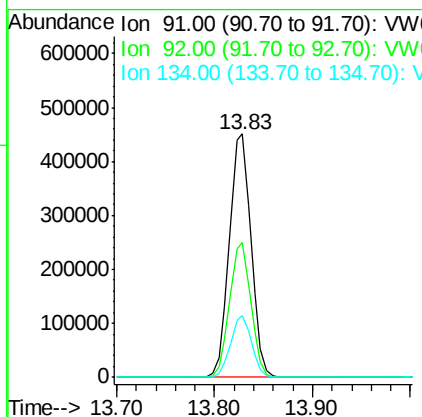
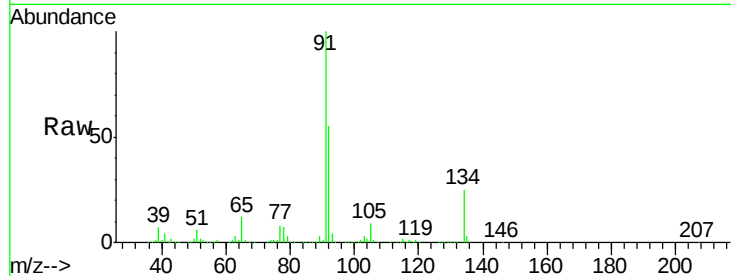
#89
n-Butylbenzene
Concen: 56.989 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.3	81.8
134	24.6	12.3	36.9

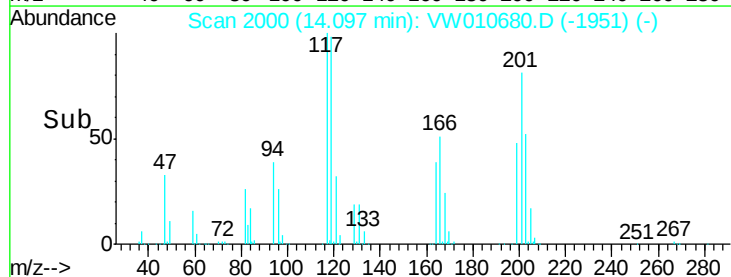
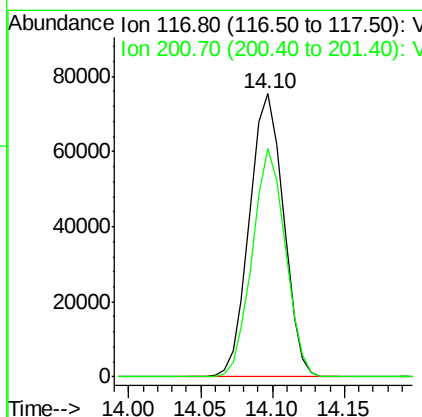
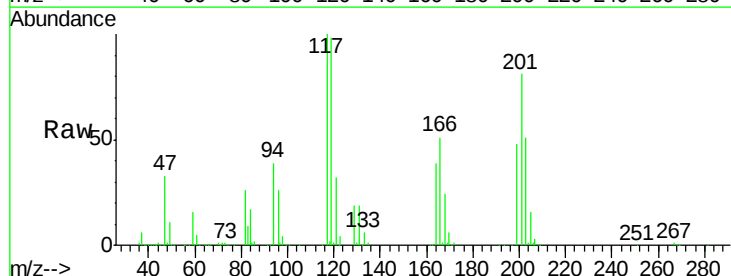
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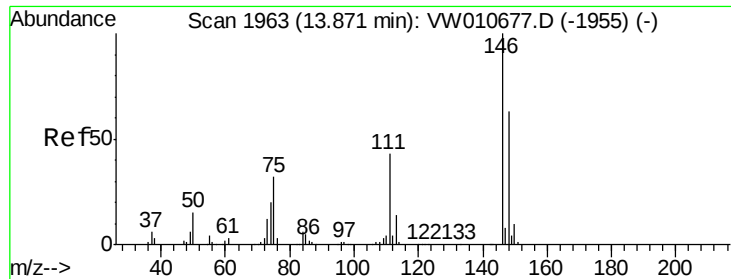
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#90
Hexachloroethane
Concen: 56.674 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.1	38.8	116.4





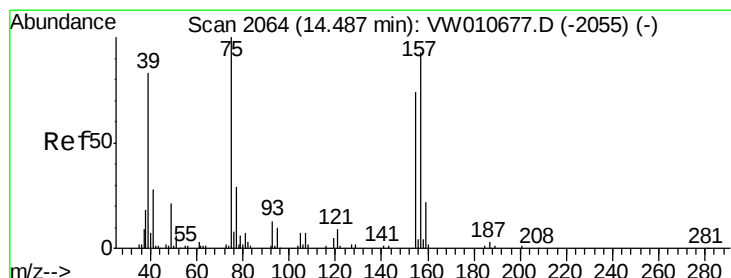
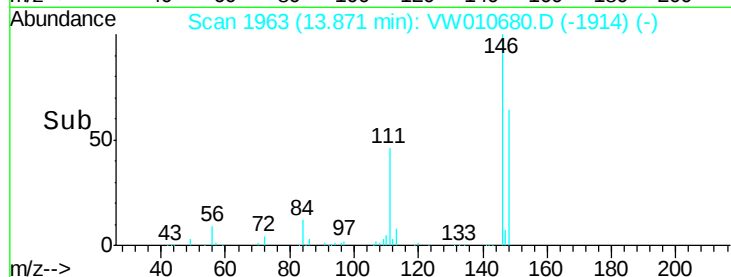
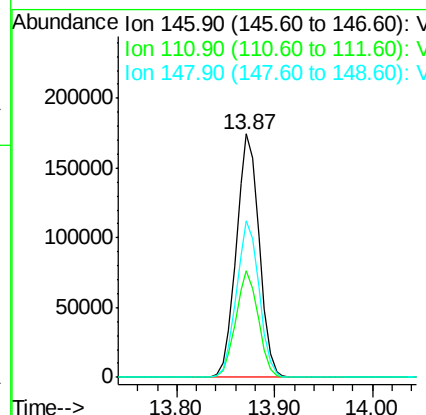
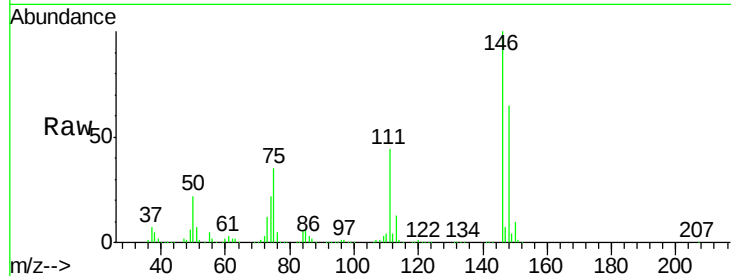
#91
 1,2-Dichlorobenzene
 Concen: 55.155 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

Tot Ion	Ratio	Resp	Lower	Upper
146	100	281379		
111	43.1		21.5	64.5
148	64.0		31.9	95.5

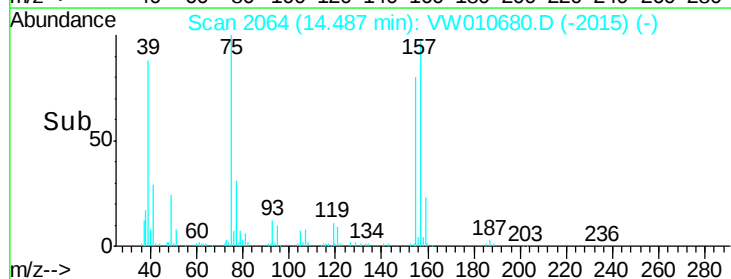
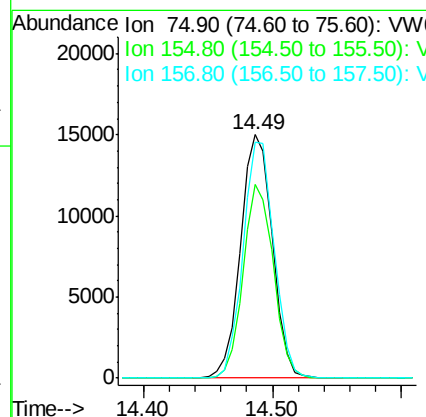
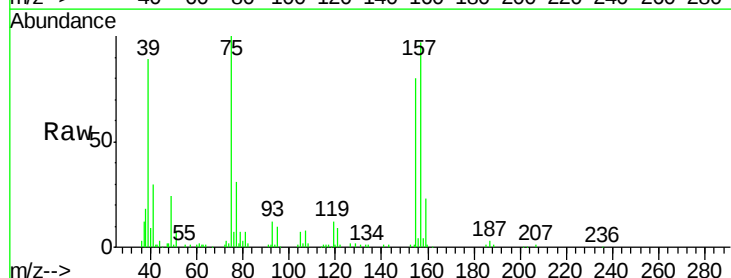
Manual Integrations
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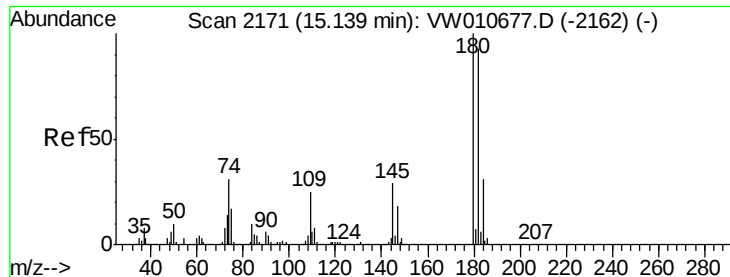
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.929 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25521		
155	75.8		38.8	116.4
157	94.7		48.4	145.0





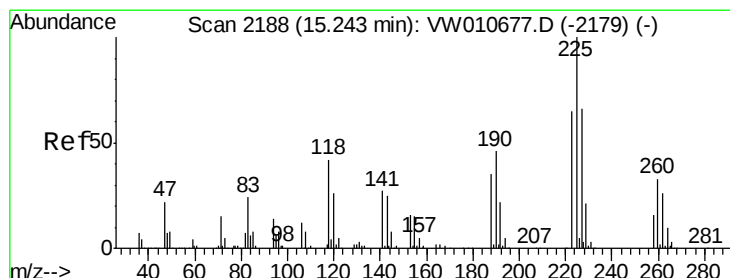
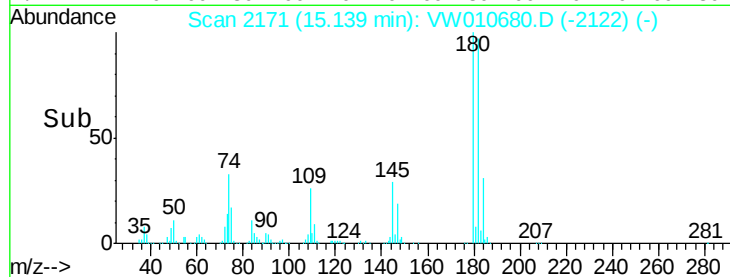
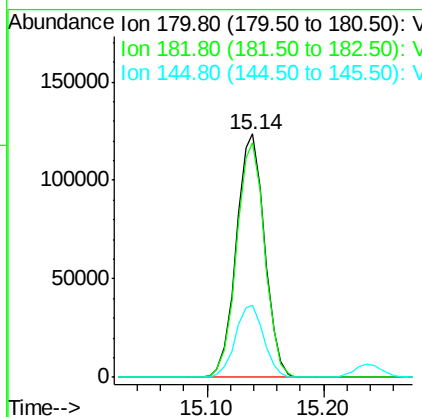
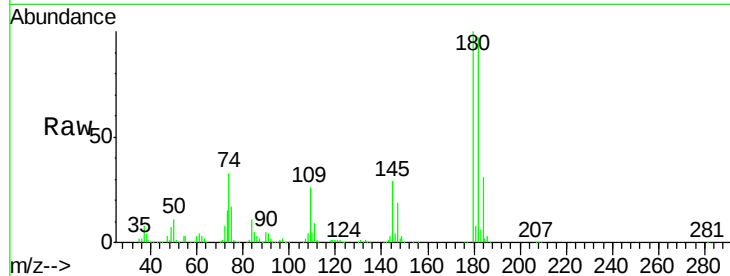
#93
 1,2,4-Trichlorobenzene
 Concen: 58.305 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW060419

Tot Ion	Ratio	Resp	Lower	Upper
180	100	208735		
182	96.1	47.1	141.4	
145	29.8	15.2	45.5	

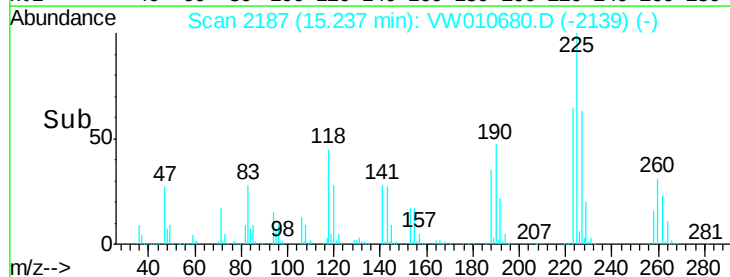
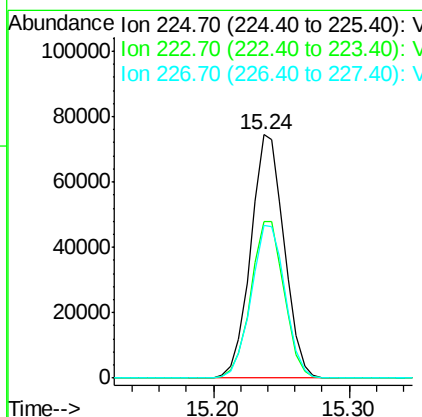
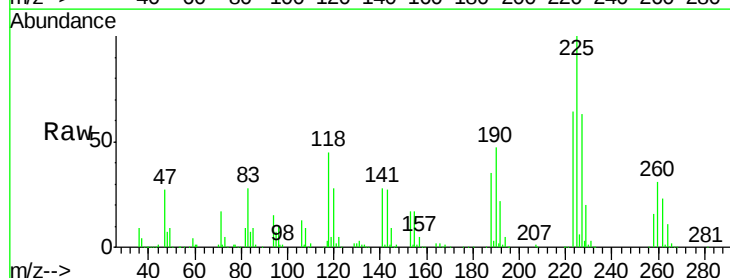
Manual Integrations
 APPROVED

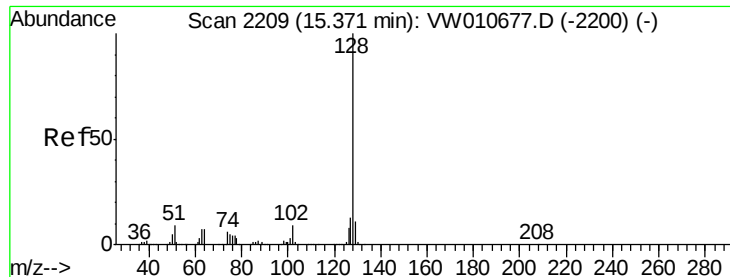
MMDadoda
 6/5/2019 3:05:16 PM



#94
 Hexachlorobutadiene
 Concen: 56.881 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW010680.D
 Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	127805		
223	64.5	32.2	96.6	
227	63.8	32.0	96.0	





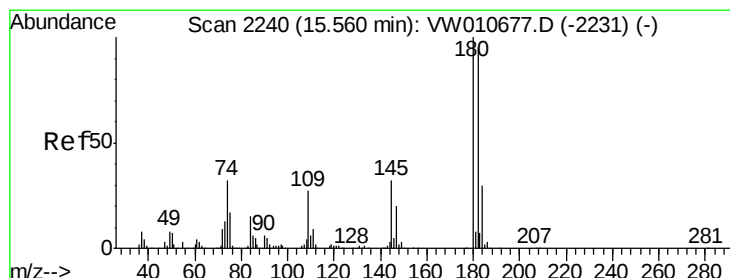
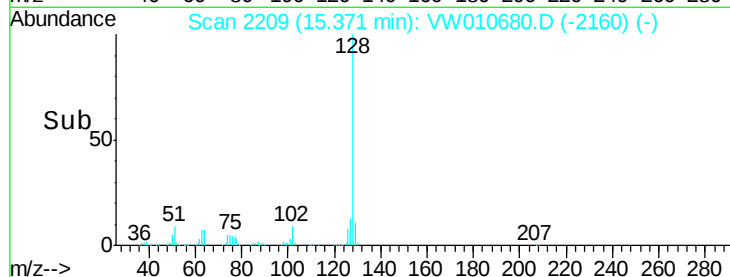
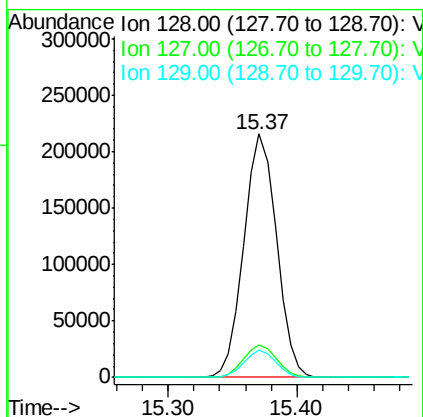
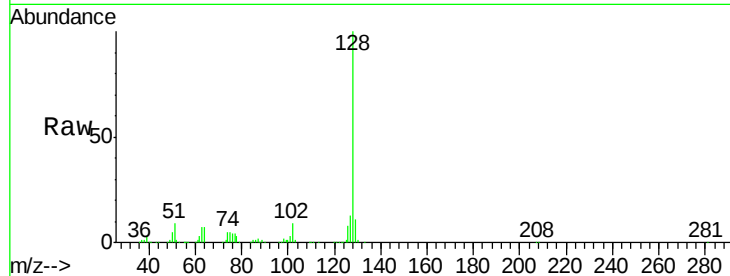
#95
Naphthalene
Concen: 58.250 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Instrument :
MSVOA_W
ClientSampleId :
ICVW060419

Tot Ion	Ratio	Resp	Lower	Upper
128	100	378889		
127	13.3		10.6	15.8
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/5/2019 3:05:16 PM



#96
1,2,3-Trichlorobenzene
Concen: 58.779 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010680.D
Acq: 04 Jun 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	178961		
182	95.4		47.0	141.0
145	31.9		16.1	48.3

