

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010703.D
 Acq On : 06 Jun 2019 12:10
 Operator : SY/VA
 Sample : VW0606SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 11:24:44 AM

Quant Time: Jun 07 08:12:59 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	280700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	461385	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	183473	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	142977	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
35) Dibromofluoromethane	7.88	113	112827	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
50) Toluene-d8	10.32	98	483250	44.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.02%	
62) 4-Bromofluorobenzene	12.62	95	170634	42.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	50184	19.347	ug/l	99
3) Chloromethane	2.21	50	70826	18.558	ug/l	98
4) Vinyl Chloride	2.35	62	66822	18.951	ug/l	100
5) Bromomethane	2.75	94	38547	19.908	ug/l	99
6) Chloroethane	2.91	64	40136	18.963	ug/l	100
7) Trichlorofluoromethane	3.25	101	92986	20.315	ug/l	99
8) Diethyl Ether	3.68	74	28956	17.702	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55489	19.719	ug/l	99
10) Methyl Iodide	4.27	142	40399	17.397	ug/l	98
11) Tert butyl alcohol	5.18	59	29082	107.896	ug/l #	94
12) 1,1-Dichloroethene	4.03	96	52729	19.424	ug/l	94
13) Acrolein	3.90	56	8950	81.259	ug/l	99
14) Allyl chloride	4.67	41	119685	19.996	ug/l	98
15) Acrylonitrile	5.37	53	65426	82.333	ug/l	100
16) Acetone	4.12	43	71900	81.104	ug/l	99
17) Carbon Disulfide	4.37	76	165904	19.253	ug/l	100
18) Methyl Acetate	4.67	43	33381	17.492	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	139073	17.763	ug/l	97
20) Methylene Chloride	4.91	84	57394	18.455	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	60841	19.743	ug/l	98
22) Diisopropyl ether	6.31	45	231435	19.314	ug/l	100
23) Vinyl Acetate	6.26	43	653207	90.326	ug/l	100
24) 1,1-Dichloroethane	6.21	63	119638	19.922	ug/l	98
25) 2-Butanone	7.17	43	102329	83.244	ug/l	98
26) 2,2-Dichloropropane	7.16	77	105323	21.553	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	66009	19.464	ug/l	96
28) Bromochloromethane	7.51	49	49067	18.309	ug/l	99
29) Tetrahydrofuran	7.53	42	62179	80.417	ug/l	99
30) Chloroform	7.68	83	108184	19.696	ug/l	99
31) Cyclohexane	7.95	56	130351	19.527	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	97719	20.366	ug/l	98
36) 1,1-Dichloropropene	8.08	75	94545	20.019	ug/l	100
37) Ethyl Acetate	7.25	43	44409	16.969	ug/l	100
38) Carbon Tetrachloride	8.07	117	82450	20.223	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	118638	19.761	ug/l	97
40) Benzene	8.32	78	254007	19.715	ug/l	99
41) Methacrylonitrile	7.48	41	25704	16.524	ug/l	98
42) 1,2-Dichloroethane	8.40	62	76843	18.792	ug/l	99
43) Isopropyl Acetate	8.43	43	84413	16.695	ug/l	99
44) Trichloroethene	9.09	130	62424	19.641	ug/l	100
45) 1,2-Dichloropropane	9.37	63	65146	19.101	ug/l	99
46) Dibromomethane	9.46	93	28866	18.222	ug/l	99
47) Bromodichloromethane	9.64	83	78583	19.137	ug/l	98
48) Methyl methacrylate	9.44	41	40350	16.552	ug/l	99
49) 1,4-Dioxane	9.45	88	7076	285.701	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	211004	81.689	ug/l	99
52) Toluene	10.39	92	156121	19.694	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	79918	18.375	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	98031	19.154	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	40462	17.730	ug/l	97
56) Ethyl methacrylate	10.65	69	59296	16.886	ug/l	97
57) 1,3-Dichloropropane	10.93	76	77615	18.047	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	163482	88.884	ug/l	100
59) 2-Hexanone	10.97	43	146106	78.266	ug/l	98
60) Dibromochloromethane	11.13	129	46442	18.358	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37896	17.527	ug/l	99
64) Tetrachloroethene	10.86	164	50536	19.167	ug/l	94
65) Chlorobenzene	11.66	112	152751	19.561	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	52720	19.502	ug/l	99
67) Ethyl Benzene	11.73	91	300626	20.031	ug/l	98
68) m/p-Xylenes	11.84	106	214210	39.872	ug/l	100
69) o-Xylene	12.16	106	100159	19.657	ug/l	98
70) Styrene	12.18	104	171418	19.366	ug/l	99
71) Bromoform	12.35	173	24443	17.483	ug/l #	99
73) Isopropylbenzene	12.46	105	285122	20.680	ug/l	99
74) N-amyl acetate	12.27	43	75439	16.930	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46093	17.561	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34081m	17.689	ug/l	
77) Bromobenzene	12.75	156	58959	19.591	ug/l	98
78) n-propylbenzene	12.80	91	342512	20.602	ug/l	100
79) 2-Chlorotoluene	12.90	91	192799	20.299	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	230518	20.427	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14285	17.040	ug/l	93
82) 4-Chlorotoluene	12.99	91	198190	20.220	ug/l	100
83) tert-Butylbenzene	13.21	119	194922	20.352	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	231069	20.348	ug/l	99
85) sec-Butylbenzene	13.38	105	283885	20.358	ug/l	99
86) p-Isopropyltoluene	13.50	119	253014	20.290	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	114669	19.758	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112788	19.602	ug/l	99
89) n-Butylbenzene	13.83	91	253890	20.406	ug/l	100
90) Hexachloroethane	14.10	117	45299	20.285	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	99795	19.120	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7548	16.746	ug/l	95

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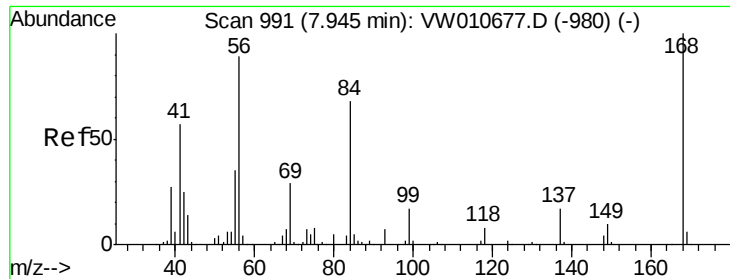
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	69093	18.864	ug/l	99
94) Hexachlorobutadiene	15.24	225	45255	19.687	ug/l	100
95) Naphthalene	15.37	128	111818	16.803	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	56704	18.204	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion:168 Resp: 280700

Ion Ratio Lower Upper

168 100

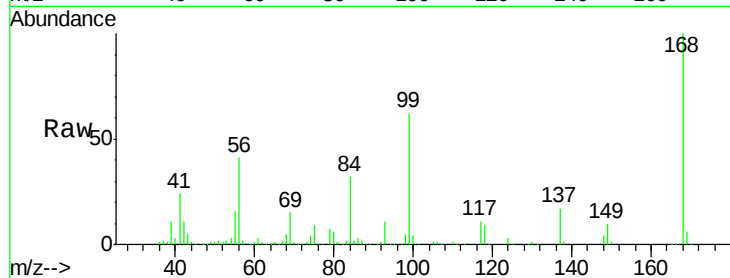
99 62.1 47.7 71.5

Manual Integrations

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6/7/2019 11:24:44 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

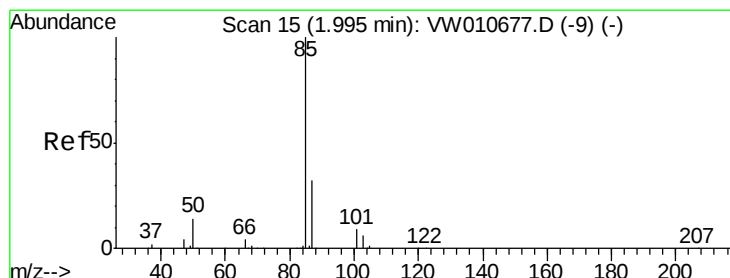
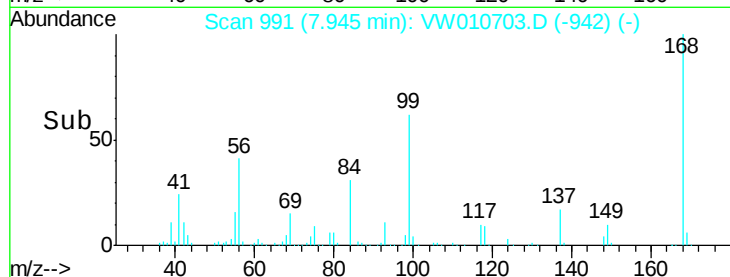
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.347 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010703.D

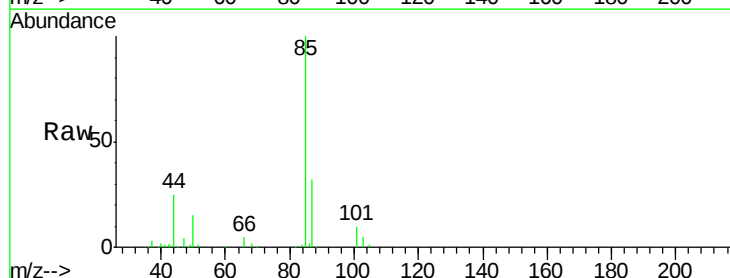
Acq: 06 Jun 2019 12:10

Tgt Ion: 85 Resp: 50184

Ion Ratio Lower Upper

85 100

87 31.6 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

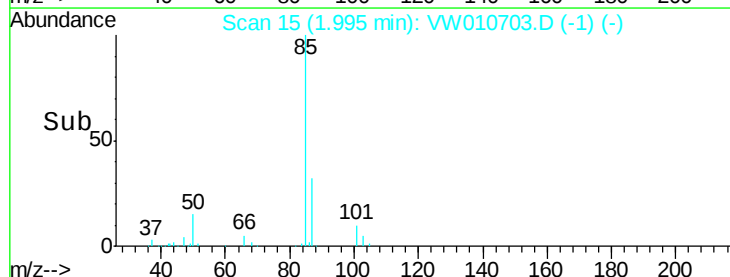
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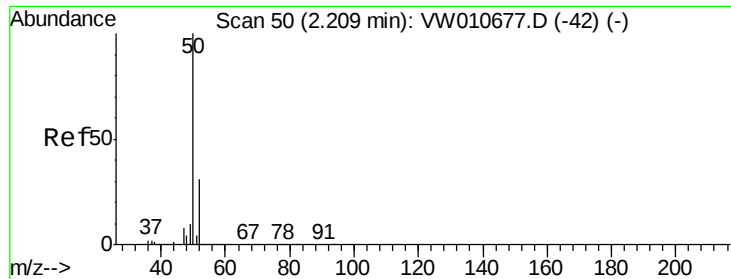
20000

10000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 18.558 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion: 50 Resp: 70826

Ion Ratio Lower Upper

50 100

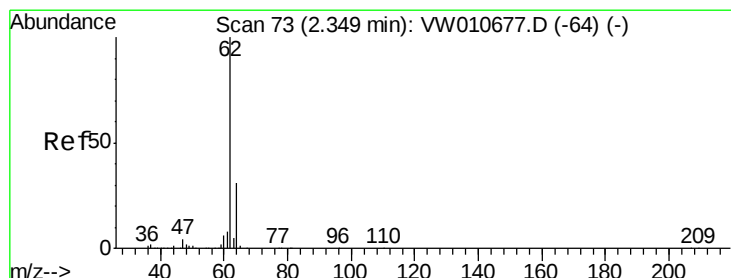
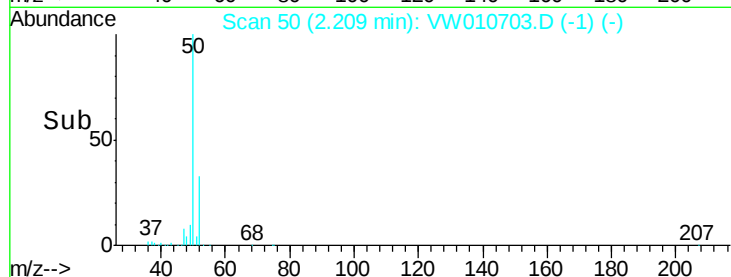
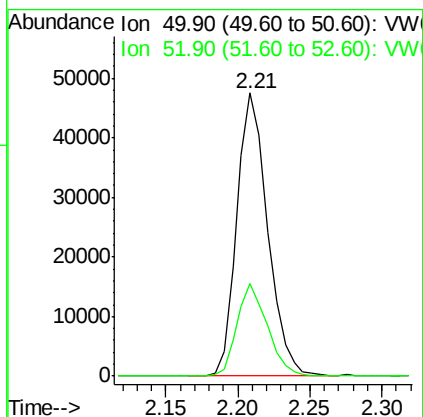
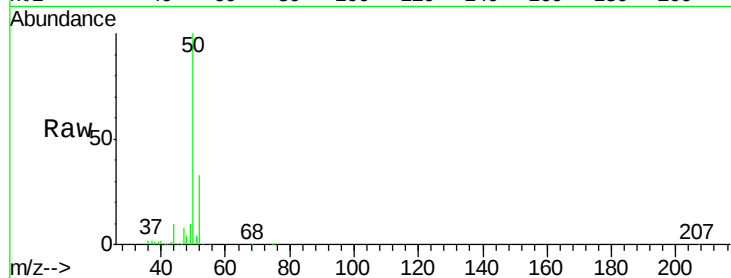
52 32.6 25.2 37.8

Manual Integrations

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6/7/2019 11:24:44 AM



#4

Vinyl Chloride

Concen: 18.951 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010703.D

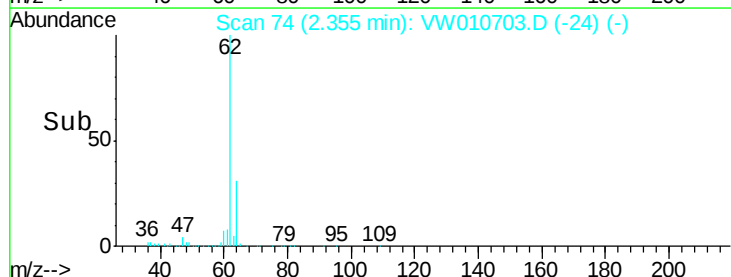
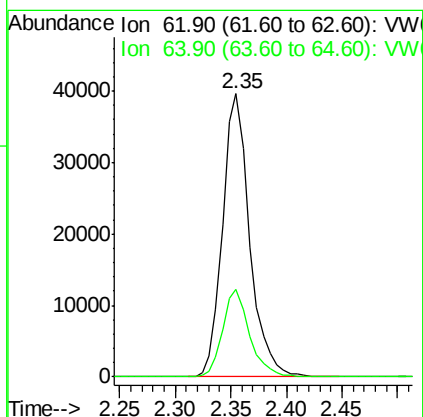
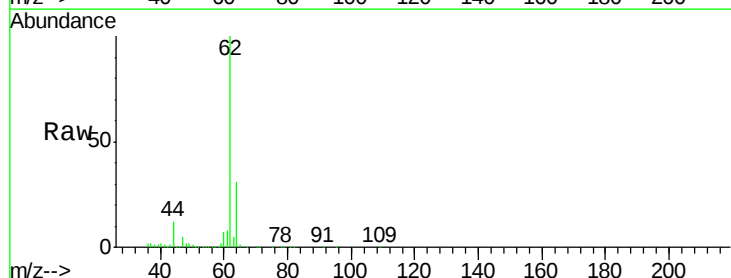
Acq: 06 Jun 2019 12:10

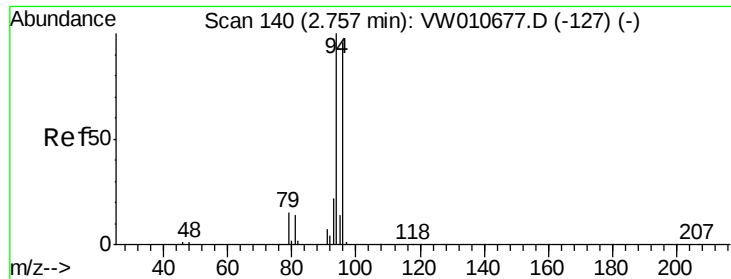
Tgt Ion: 62 Resp: 66822

Ion Ratio Lower Upper

62 100

64 30.8 24.5 36.7





#5

Bromomethane

Concen: 19.908 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion: 94 Resp: 38547

Ion Ratio Lower Upper

94 100

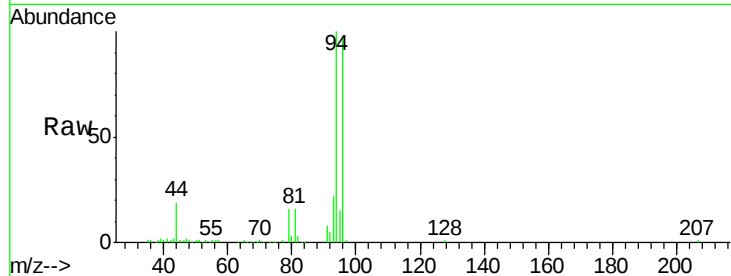
96 97.0 76.5 114.7

Manual Integrations

APPROVED

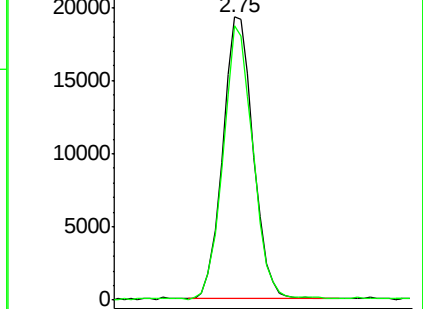
MMDadoda

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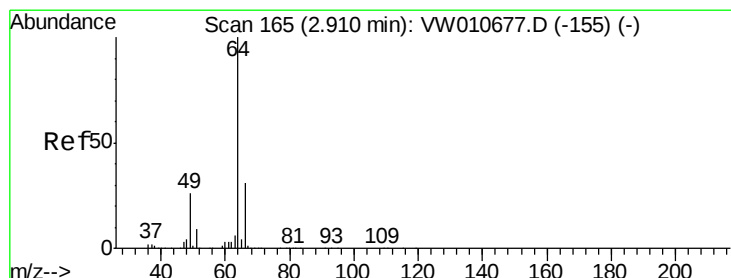
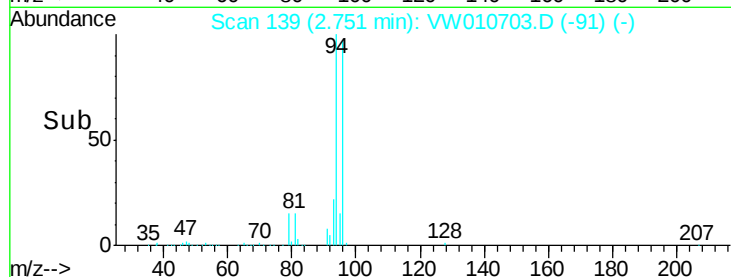


Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



Time-->



#6

Chloroethane

Concen: 18.963 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.00 min

Lab File: VW010703.D

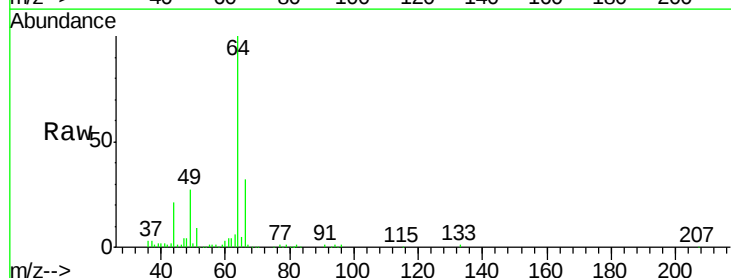
Acq: 06 Jun 2019 12:10

Tgt Ion: 64 Resp: 40136

Ion Ratio Lower Upper

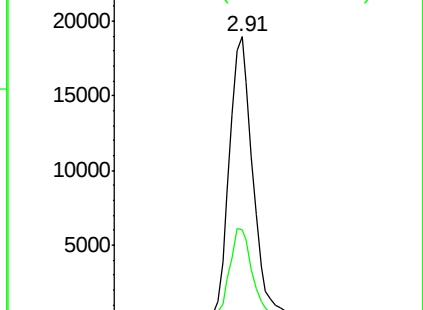
64 100

66 31.4 25.1 37.7

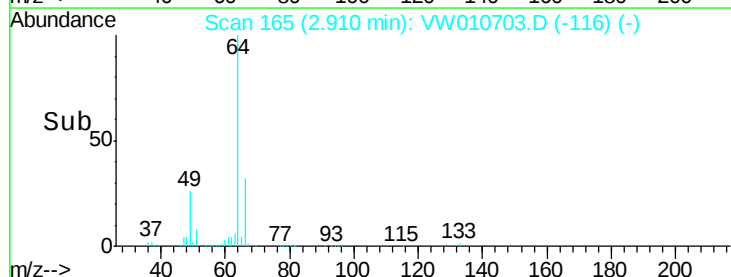


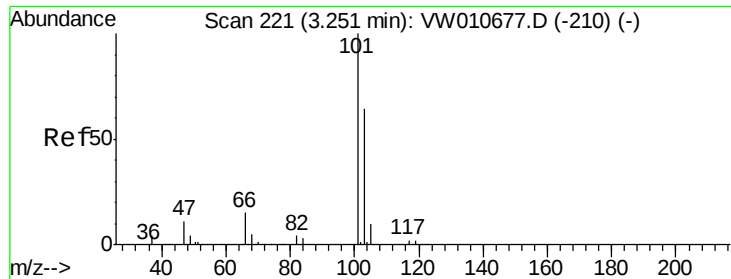
Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



Time-->





#7

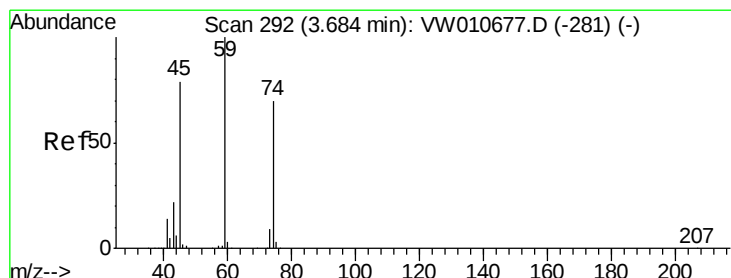
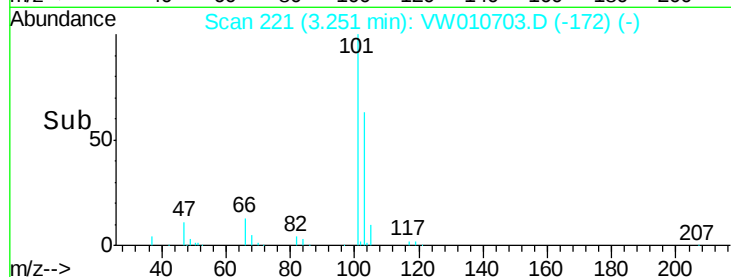
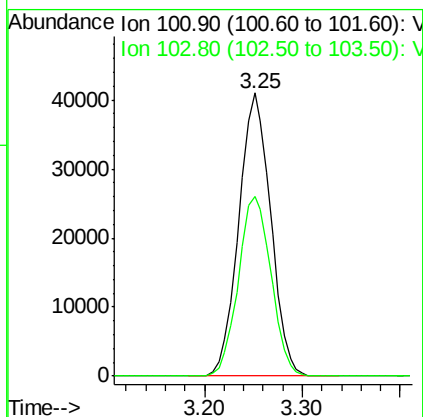
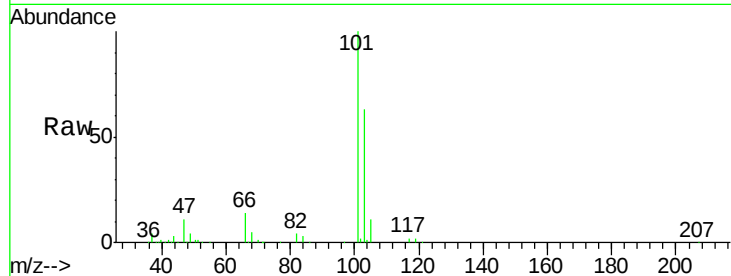
Trichlorofluoromethane
Concen: 20.315 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010703.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.2	76.8

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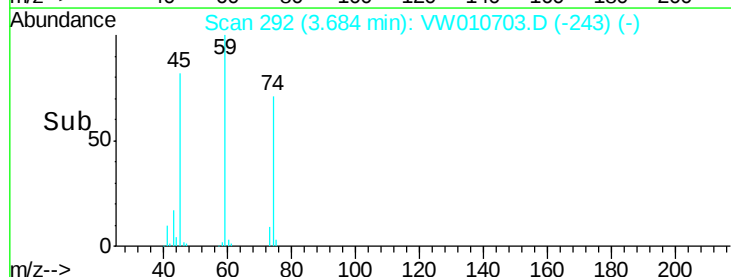
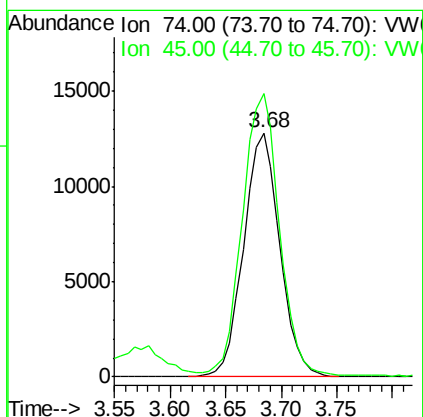
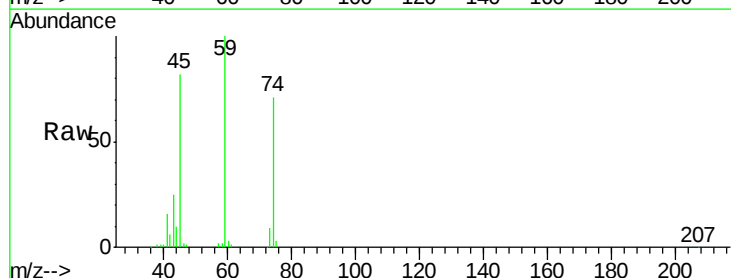
MMDadoda
6/7/2019 11:24:44 AM

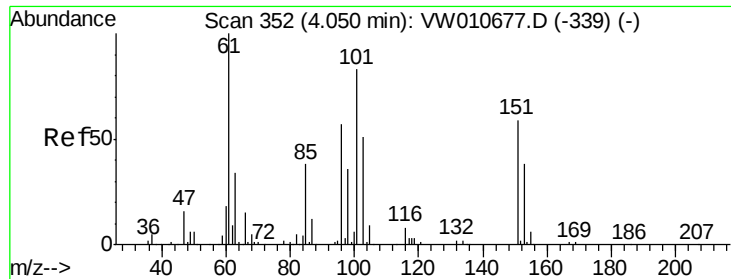


#8

Diethyl Ether
Concen: 17.702 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.5	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.719 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

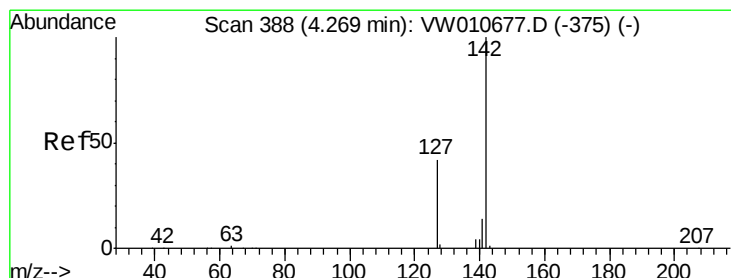
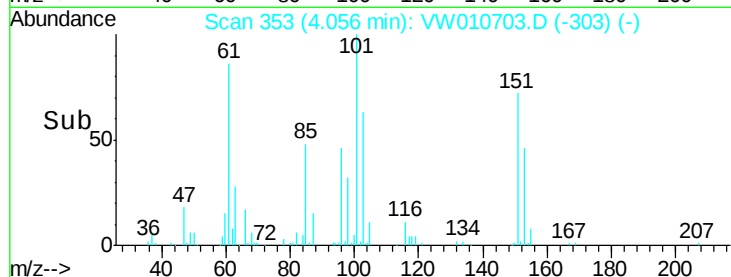
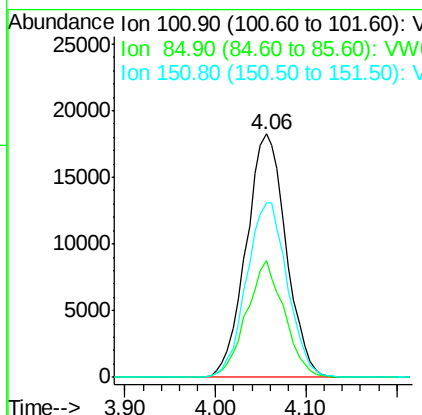
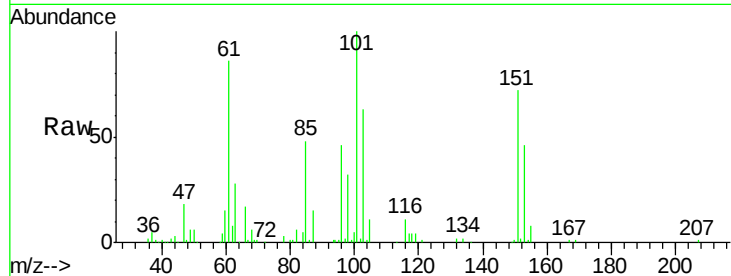
ClientSampled :

VW0606SBS01

Tot Ion:	101	Resp:	55489
Ion Ratio	Lower	Upper	
101	100		
85	45.4	35.8	53.8
151	73.6	58.1	87.1

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#10

Methyl Iodide

Concen: 17.397 ug/l

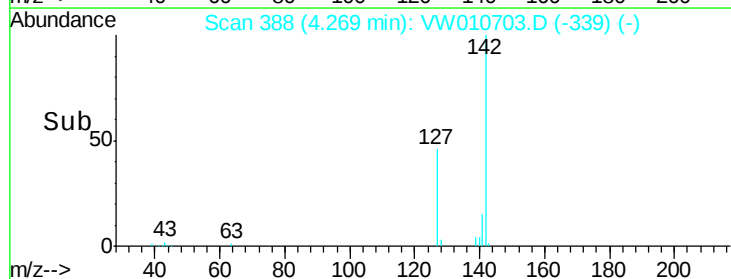
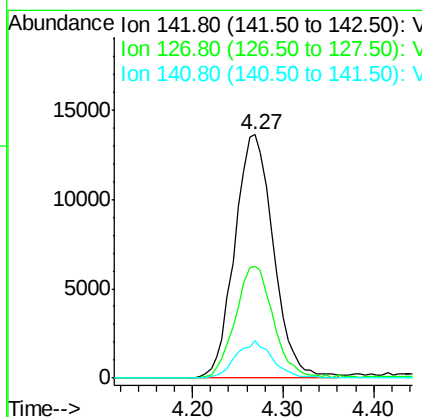
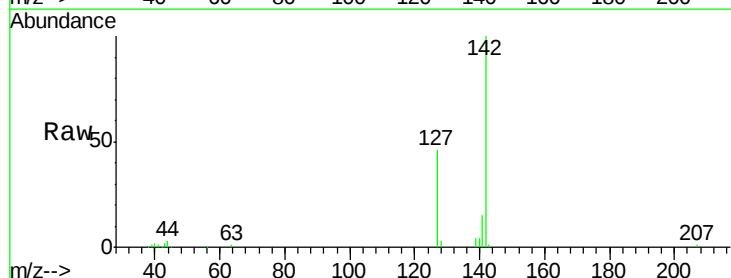
RT: 4.27 min Scan# 388

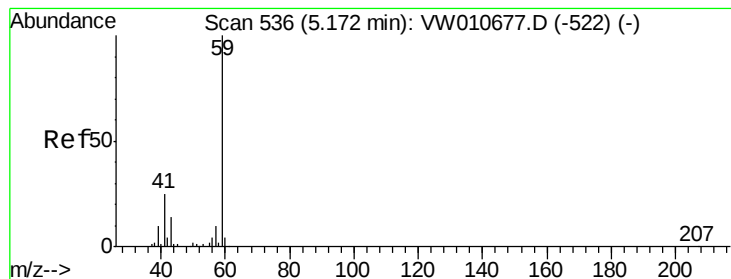
Delta R.T. 0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion:	142	Resp:	40399
Ion Ratio	Lower	Upper	
142	100		
127	45.1	34.6	51.8
141	14.3	11.6	17.4





#11

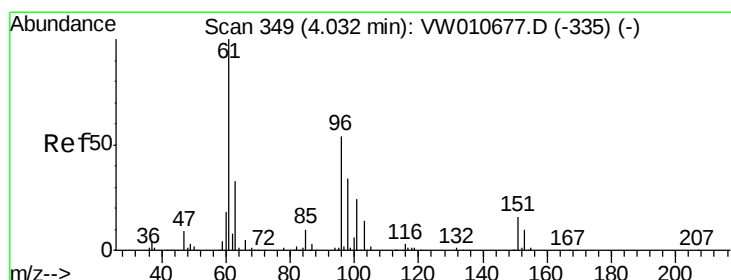
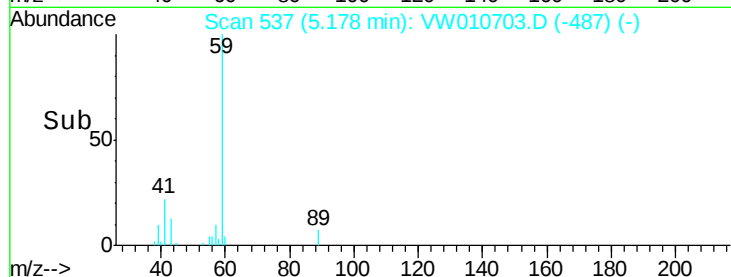
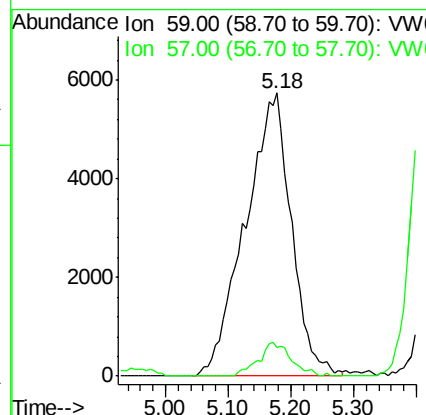
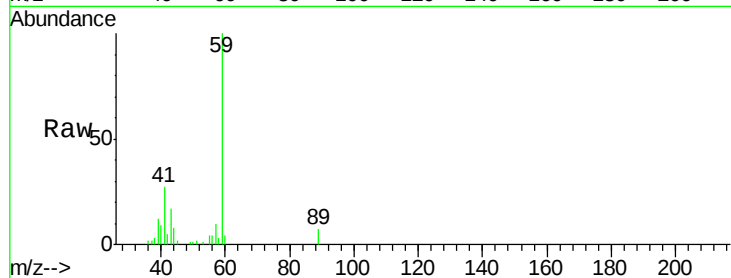
Tert butyl alcohol
Concen: 107.896 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.3	8.6	12.8#

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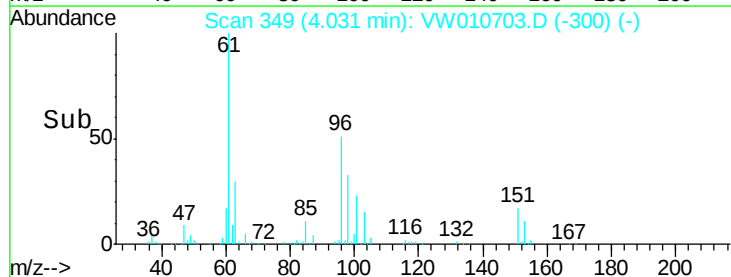
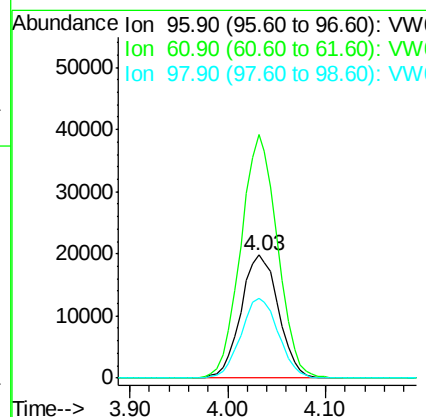
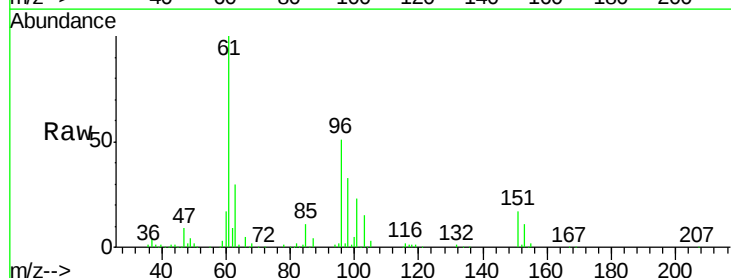
MMDadoda
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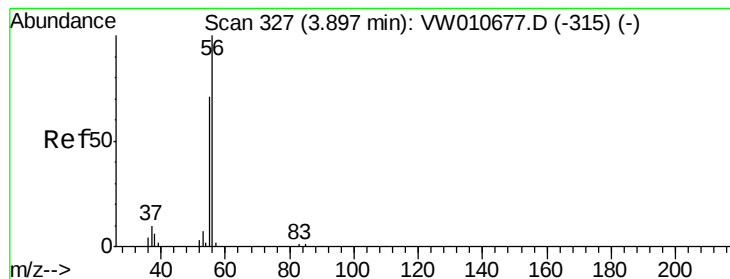


#12

1,1-Dichloroethene
Concen: 19.424 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
96	100		
61	197.6	149.1	223.7
98	64.8	51.1	76.7





#13

Acrolein

Concen: 81.259 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion: 56 Resp: 8950

Ion Ratio Lower Upper

56 100

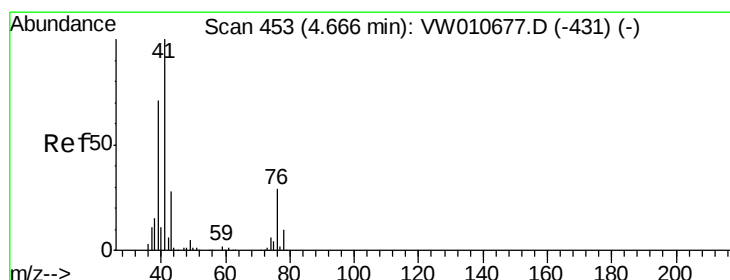
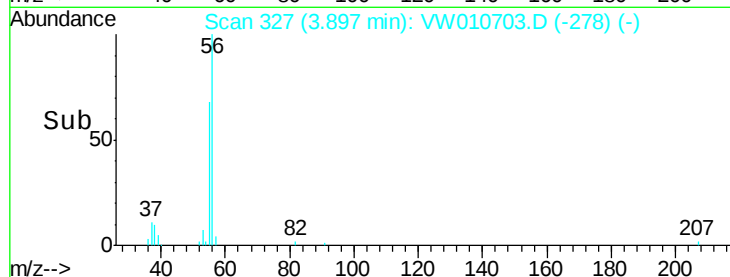
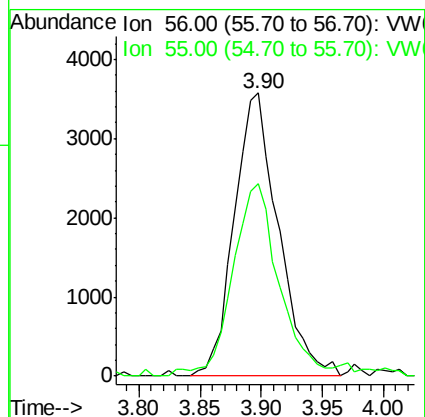
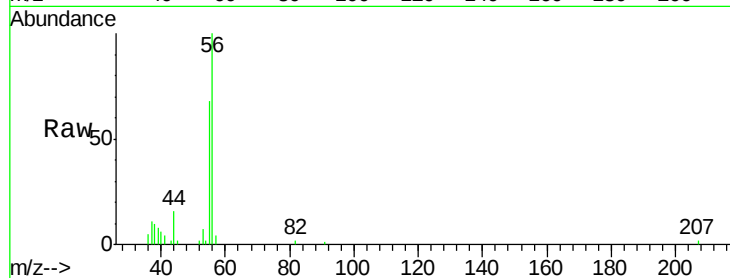
55 70.9 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 19.996 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

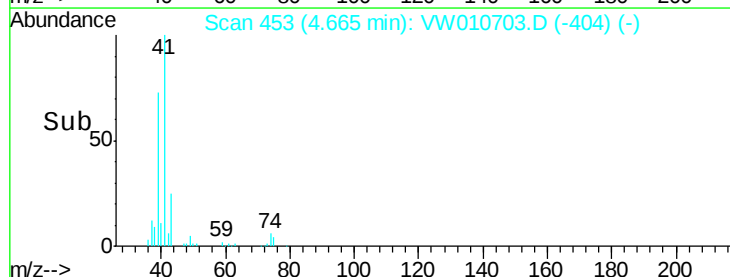
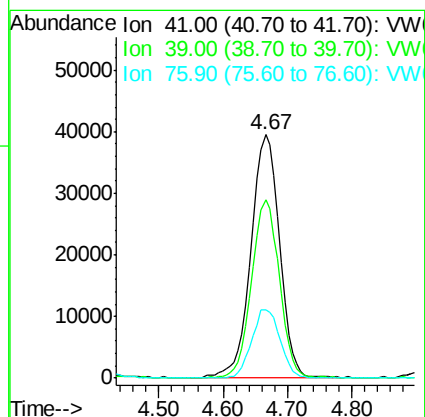
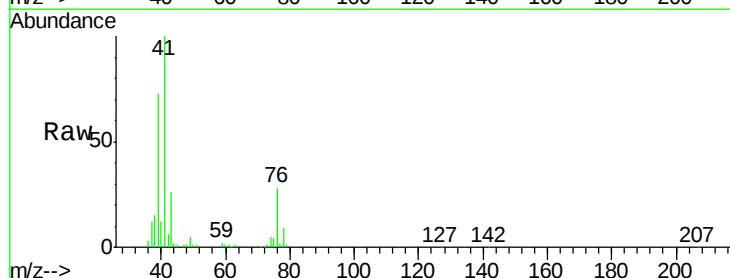
Tgt Ion: 41 Resp: 119685

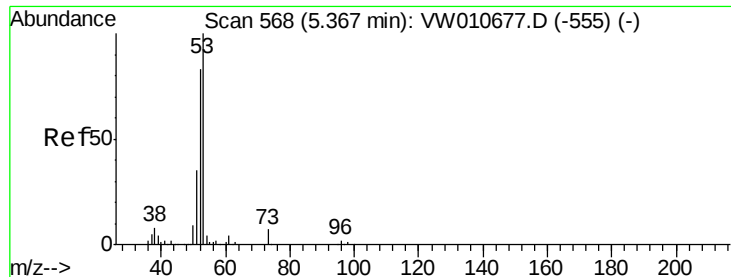
Ion Ratio Lower Upper

41 100

39 71.8 55.8 83.6

76 28.0 22.7 34.1





#15

Acrylonitrile

Concen: 82.333 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

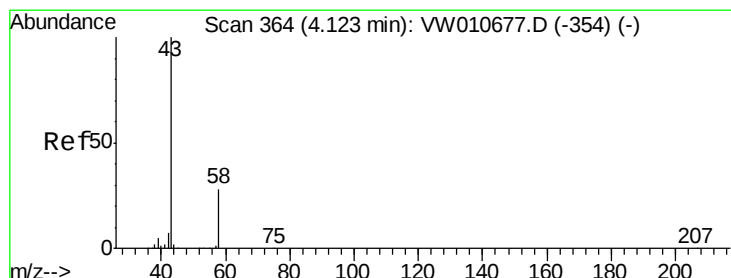
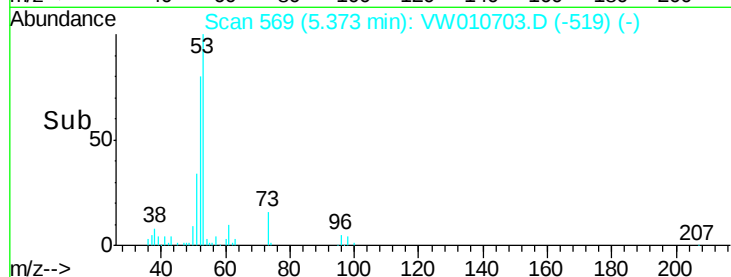
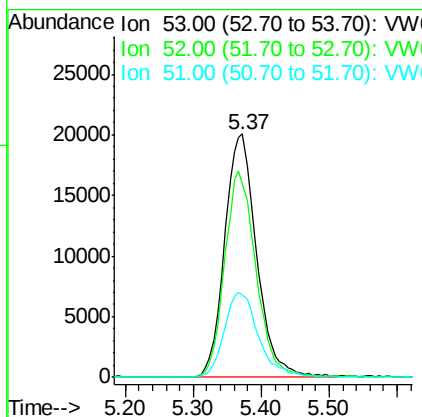
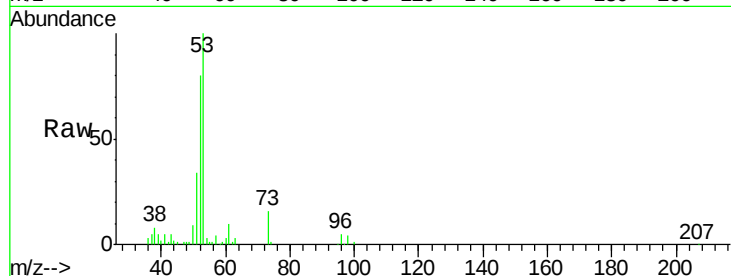
ClientSampled :

VW0606SBS01

Tot Ion:	53	Resp:	65426
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.6	100.0
51	37.5	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 81.104 ug/l

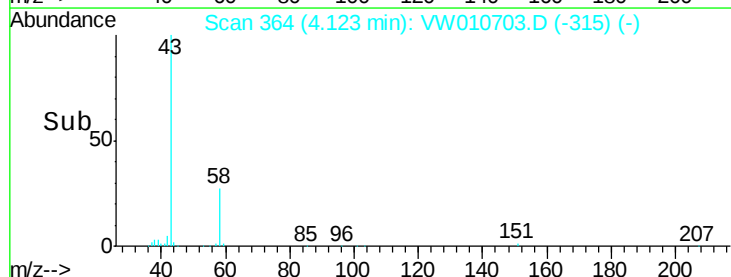
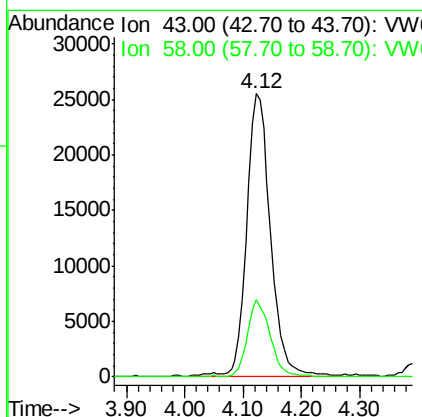
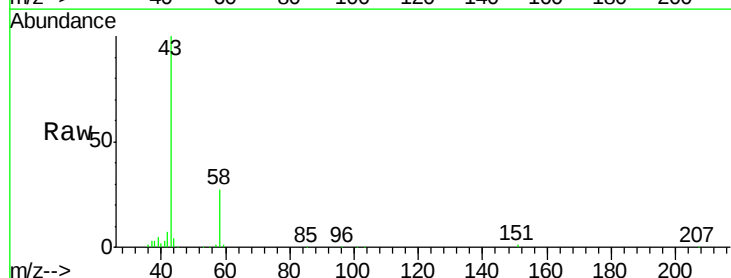
RT: 4.12 min Scan# 364

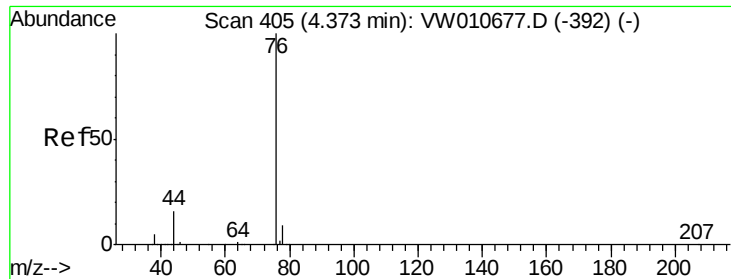
Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion:	43	Resp:	71900
Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.1	33.1





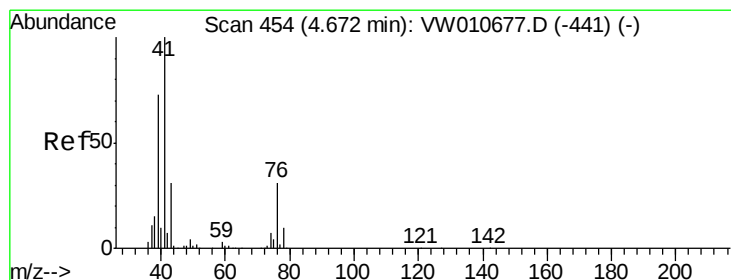
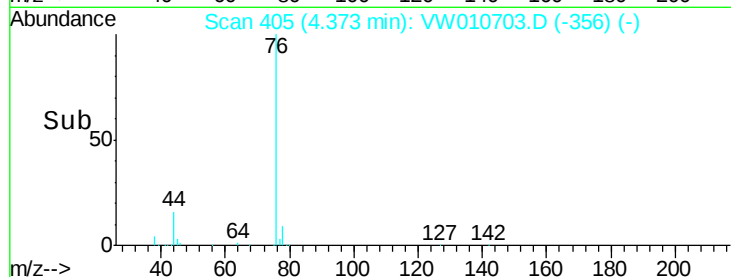
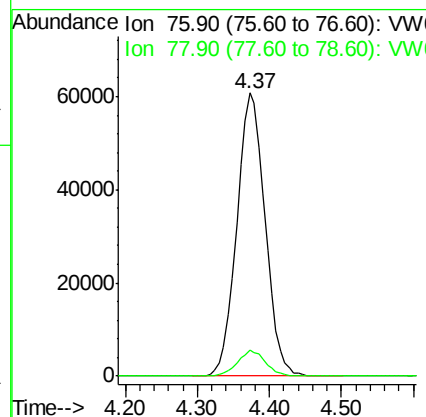
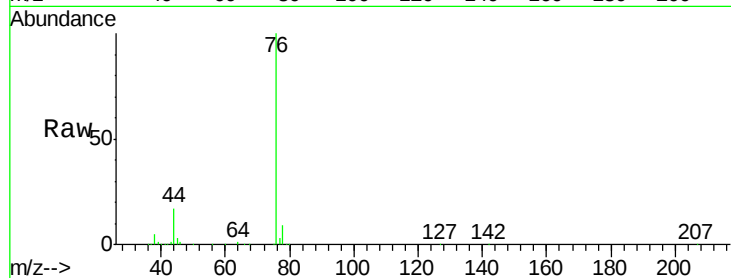
#17
Carbon Disulfide
Concen: 19.253 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.5	11.3

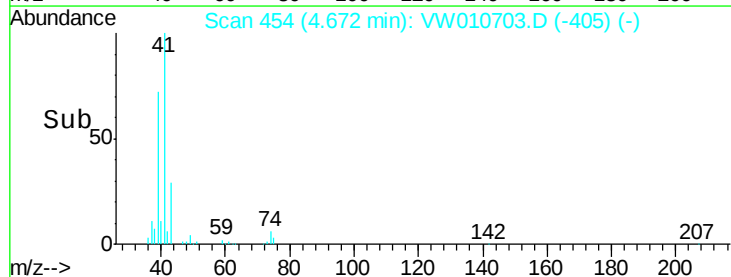
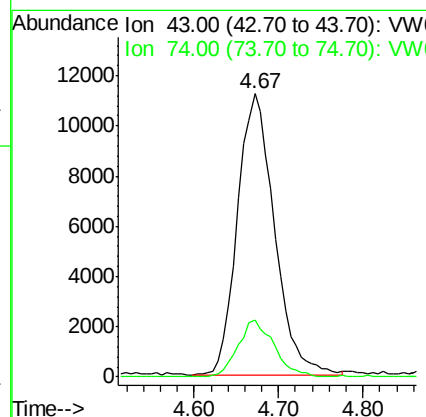
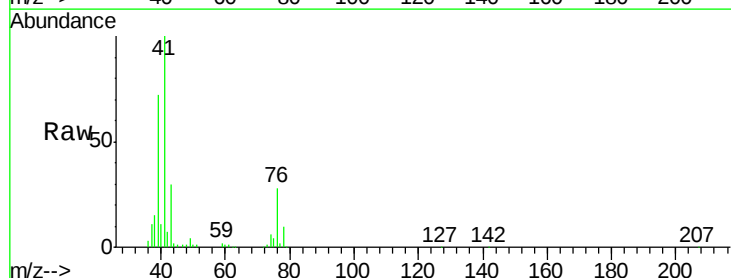
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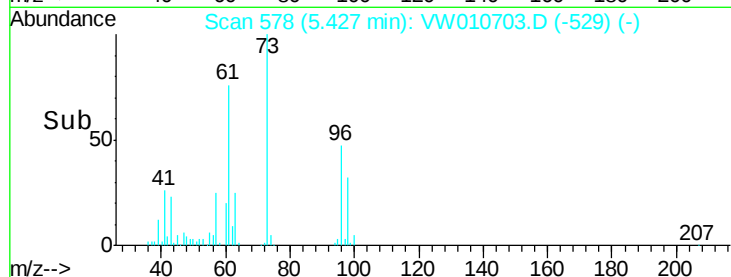
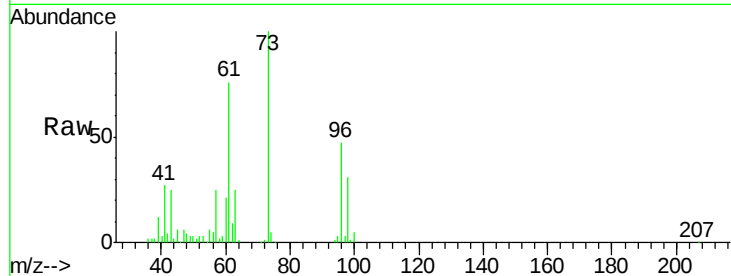
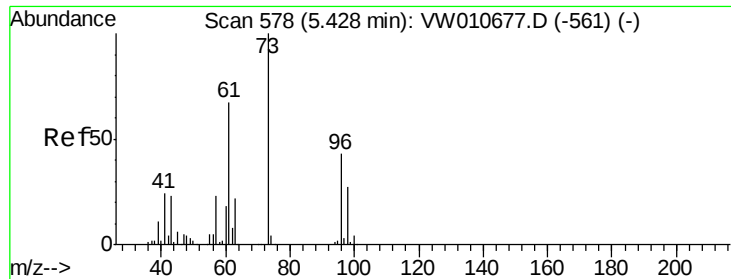
MMDadoda
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#18
Methyl Acetate
Concen: 17.492 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.4	16.7	25.1





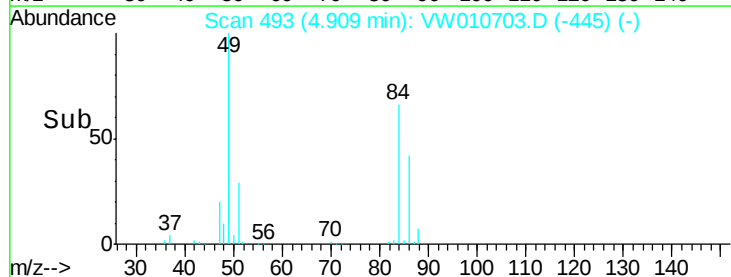
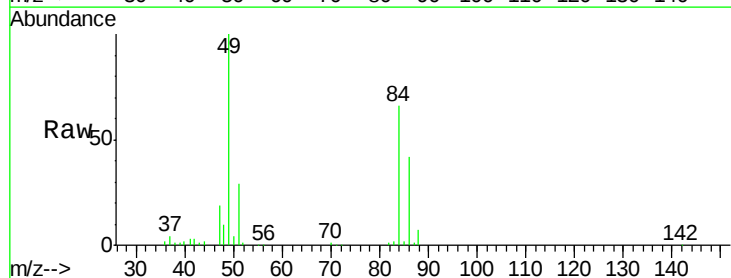
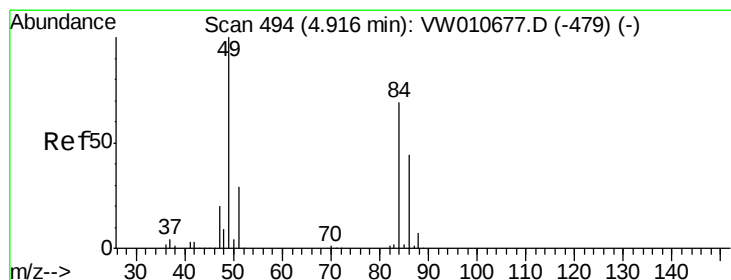
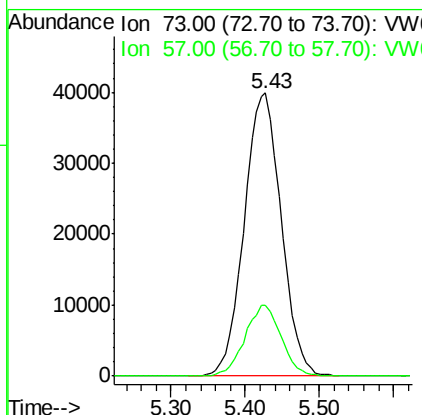
#19
Methvl tert-butvl Ether
Concen: 17.763 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tot Ion: 73 Resp: 139073
Ion Ratio Lower Upper
73 100
57 24.9 18.6 27.8

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

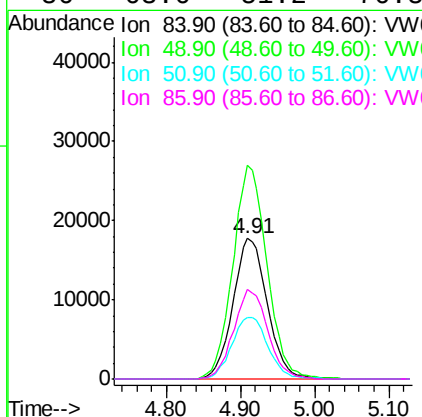
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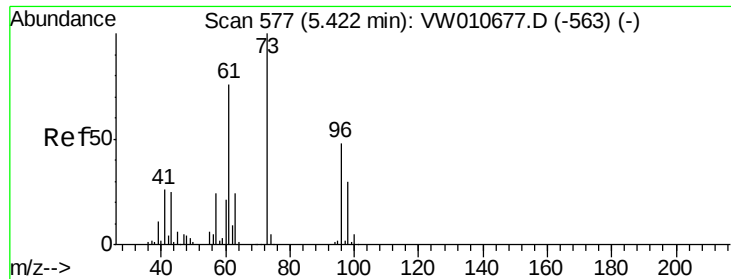
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#20
Methylene Chloride
Concen: 18.455 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 84 Resp: 57394
Ion Ratio Lower Upper
84 100
49 152.0 116.7 175.1
51 44.2 34.2 51.2
86 63.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.743 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

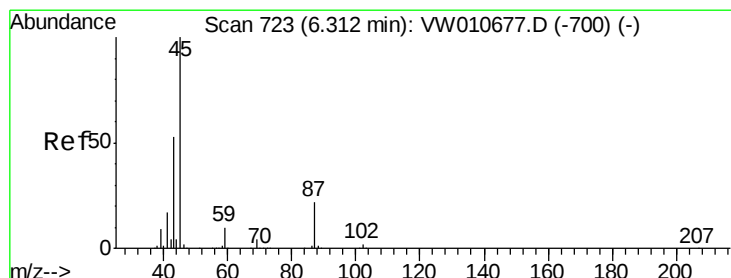
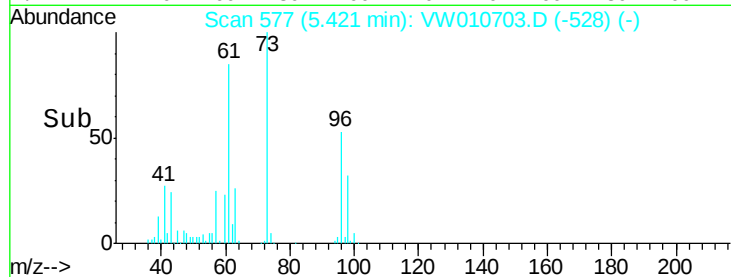
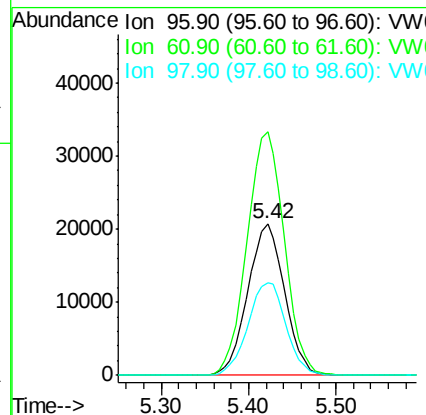
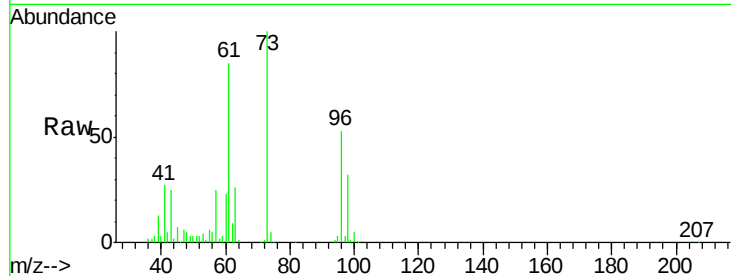
ClientSampleId :

VW0606SBS01

Tot Ion:	96	Resp:	60841
Ion	Ratio	Lower	Upper
96	100		
61	160.4	126.0	189.0
98	60.9	49.6	74.4

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#22

Diisopropyl ether

Concen: 19.314 ug/l

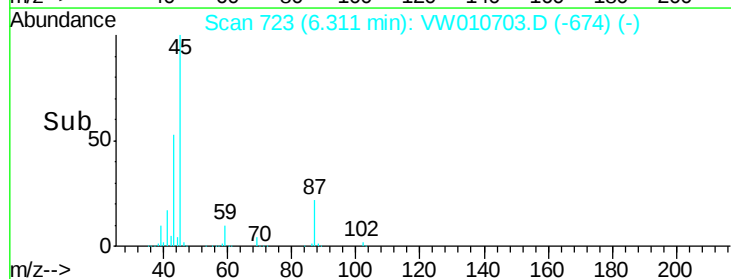
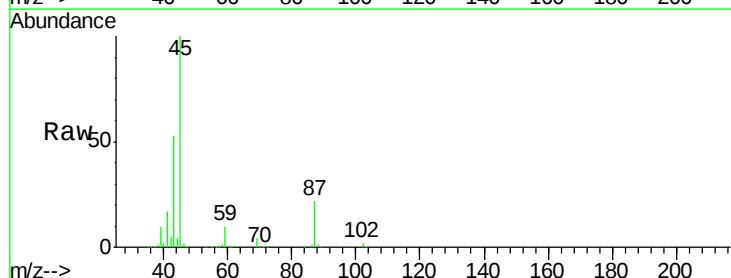
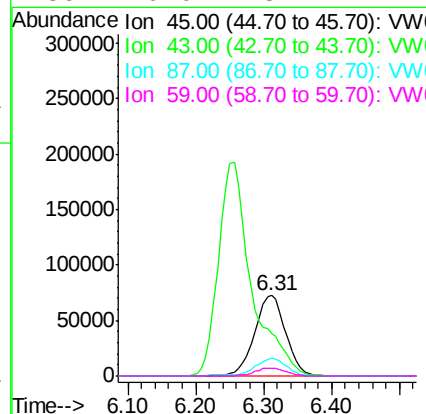
RT: 6.31 min Scan# 723

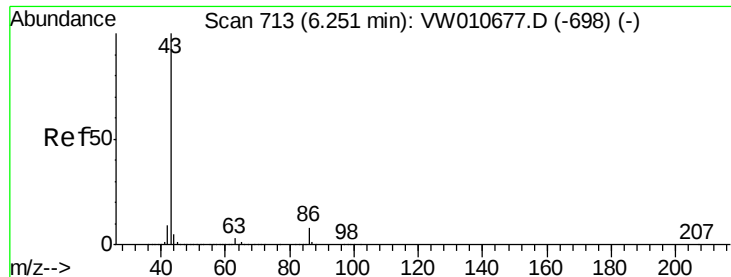
Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion:	45	Resp:	231435
Ion	Ratio	Lower	Upper
45	100		
43	52.8	42.5	63.7
87	22.0	17.4	26.2
59	10.0	8.1	12.1





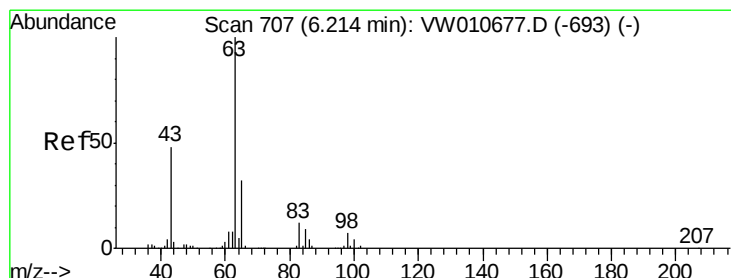
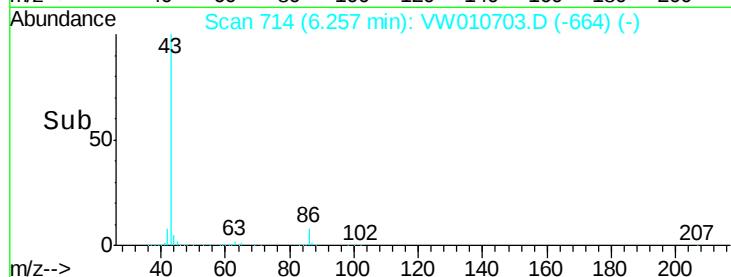
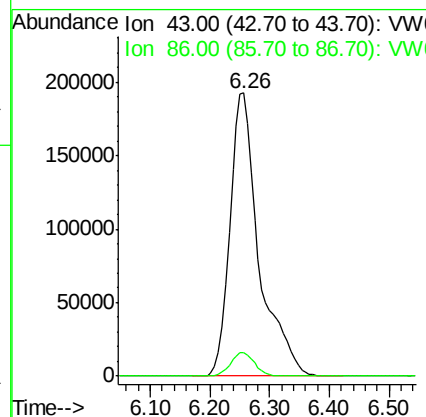
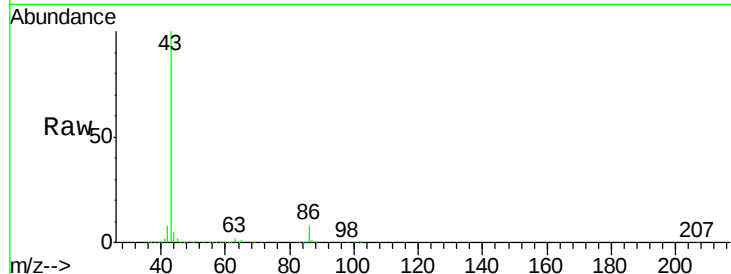
#23
 Vinyl Acetate
 Concen: 90.326 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	653207		
86	8.1		6.6	10.0

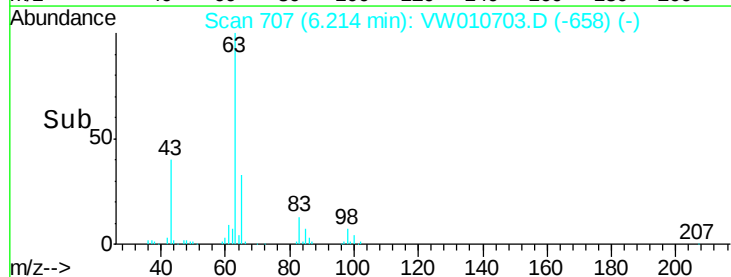
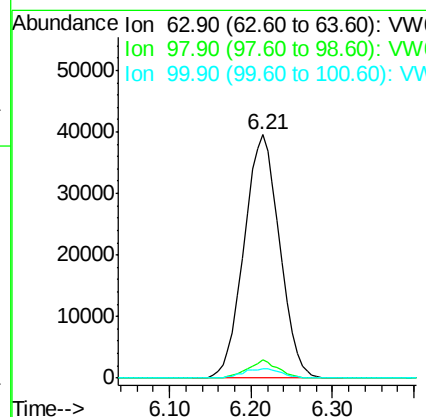
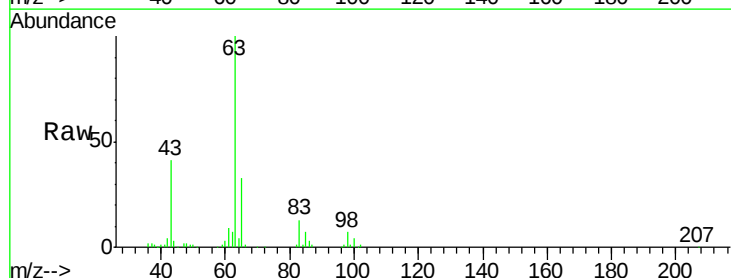
Manual Integrations
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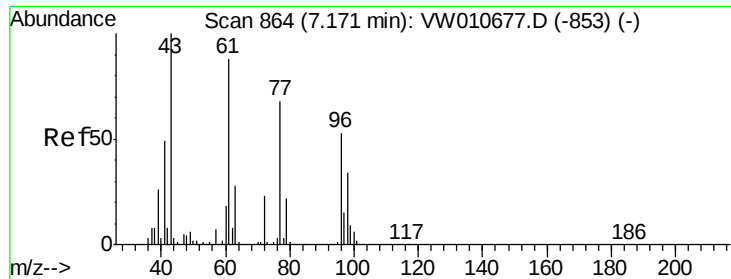
MMDadoda
 6/7/2019 11:24:44 AM



#24
 1,1-Dichloroethane
 Concen: 19.922 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	119638		
98	7.4		3.4	10.2
100	3.6		2.1	6.3





#25

2-Butanone

Concen: 83.244 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampled :

VW0606SBS01

Tot Ion: 43 Resp: 102329

Ion Ratio Lower Upper

43 100

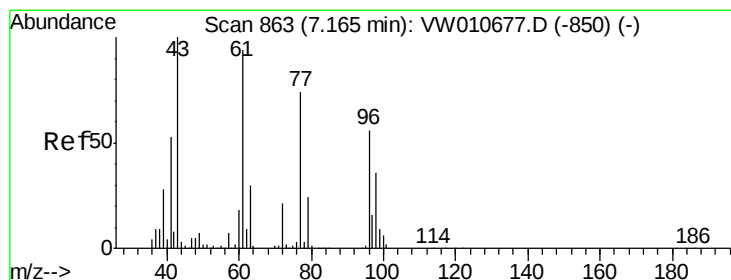
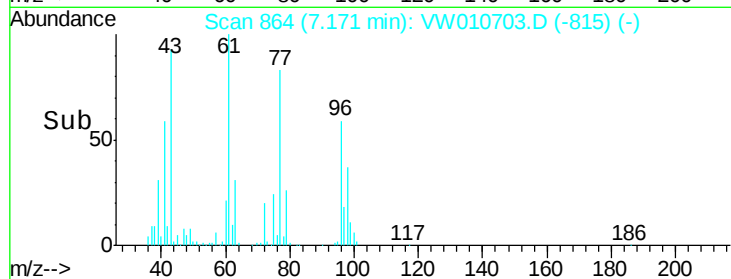
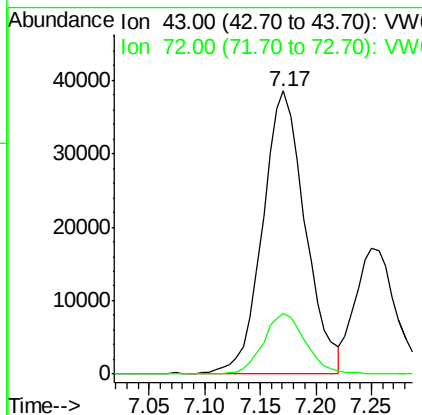
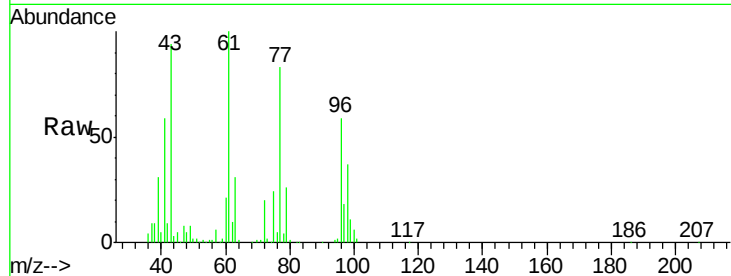
72 21.5 18.1 27.1

Manual Integrations

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MMDadoda

6/7/2019 11:24:44 AM



#26

2,2-Dichloropropane

Concen: 21.553 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010703.D

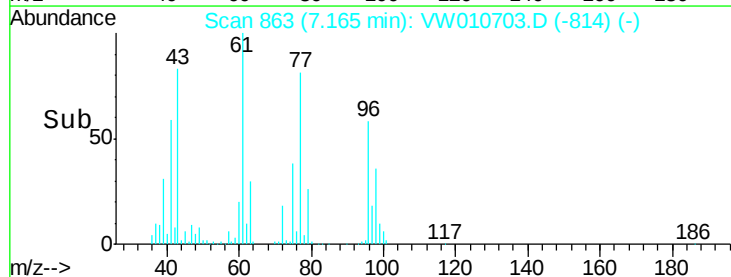
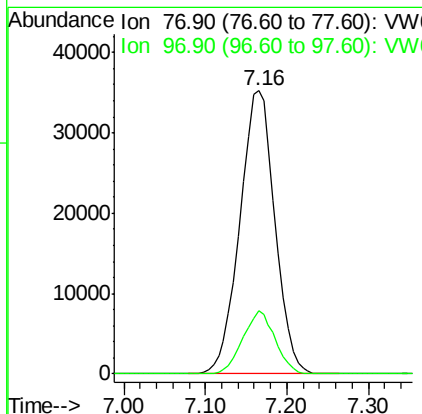
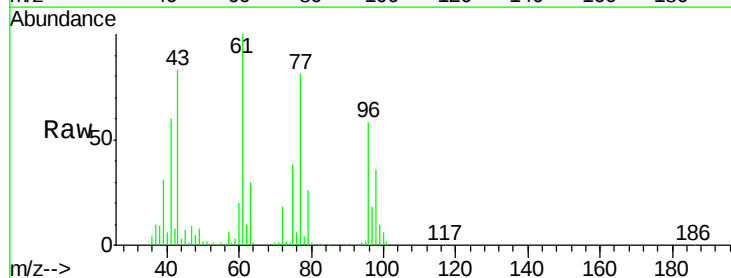
Acq: 06 Jun 2019 12:10

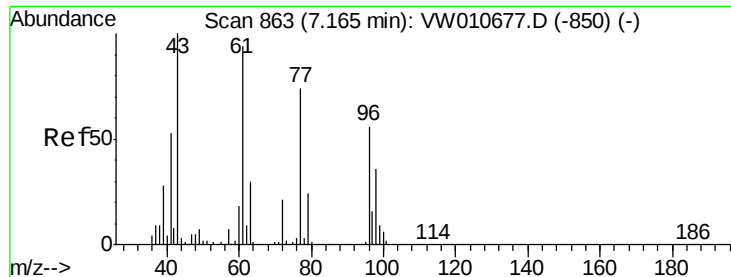
Tgt Ion: 77 Resp: 105323

Ion Ratio Lower Upper

77 100

97 20.6 10.5 31.6





#27

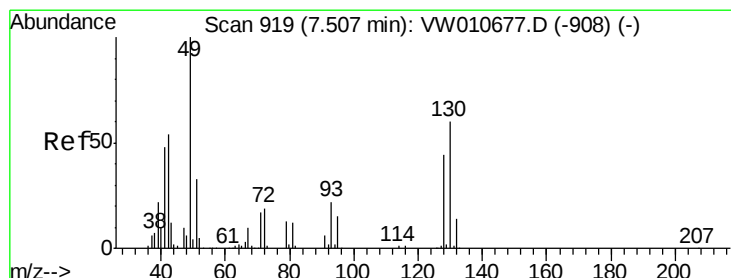
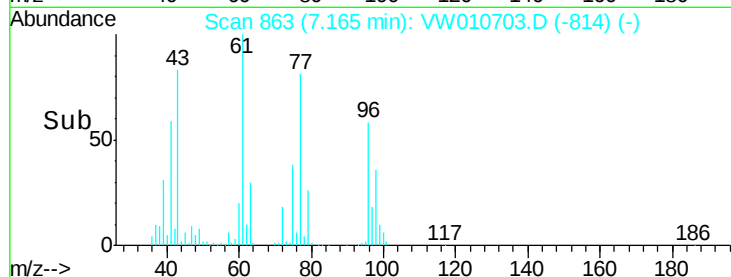
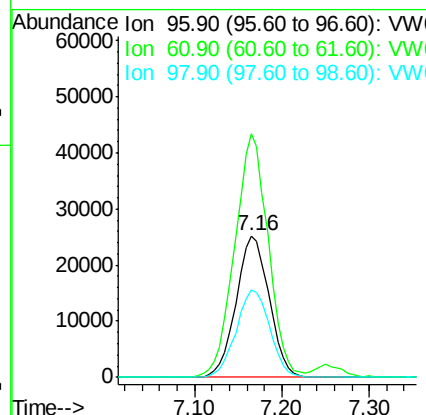
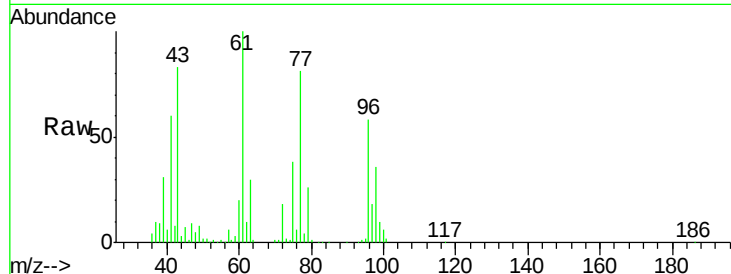
cis-1,2-Dichloroethene
Concen: 19.464 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampled :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	174.7	0.0	336.4
98	63.1	0.0	128.0

Manual Integrations
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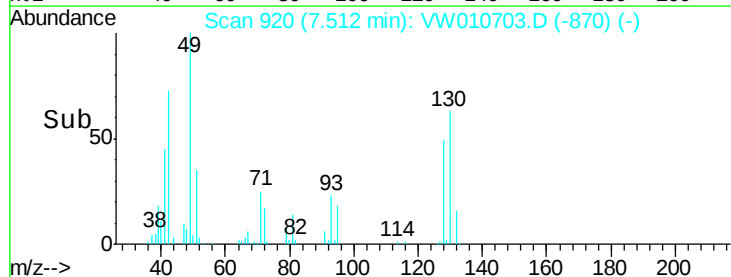
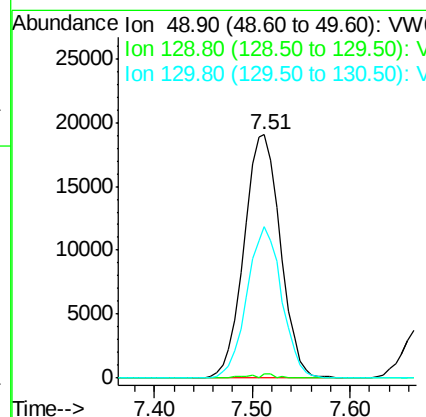
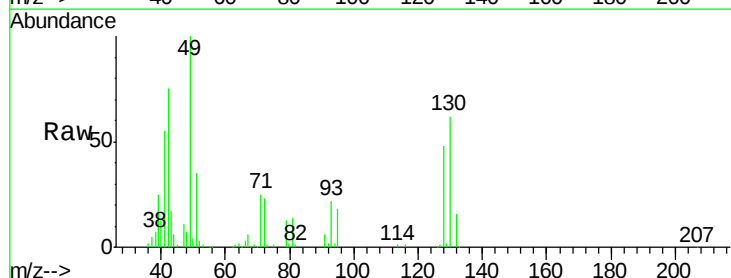
MMDadoda
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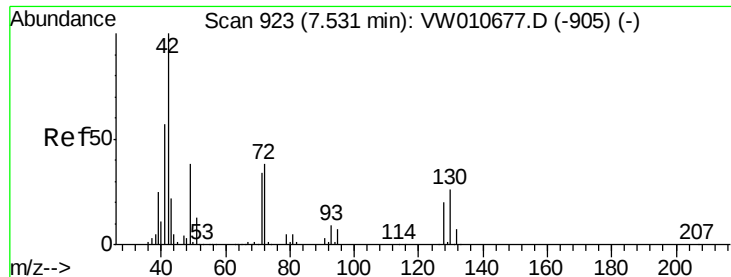


#28

Bromochloromethane
Concen: 18.309 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.2
130	59.4	48.3	72.5





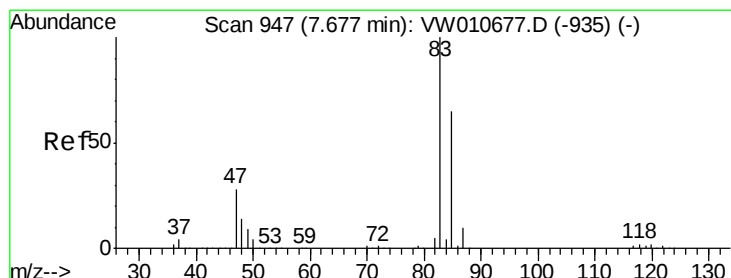
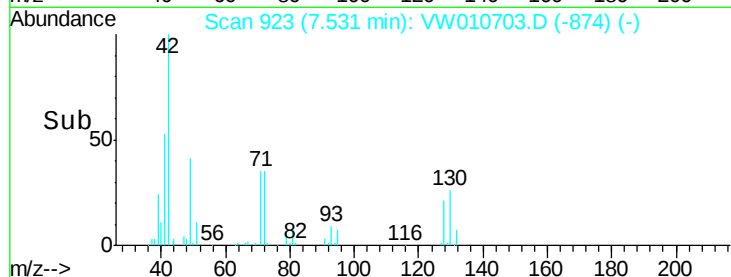
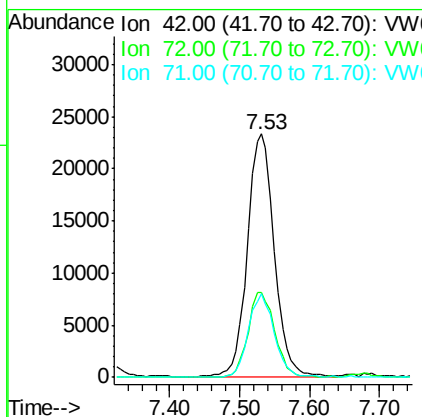
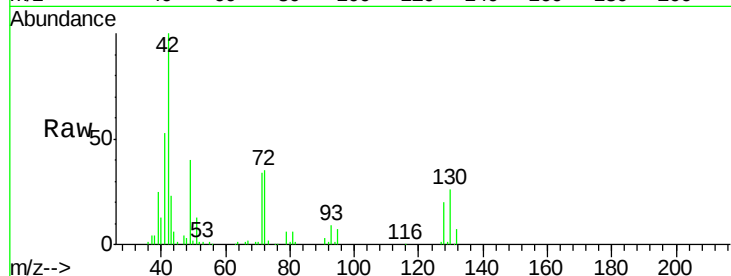
#29
Tetrahydrofuran
Concen: 80.417 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.8	28.7	43.1
71	33.3	26.6	39.8

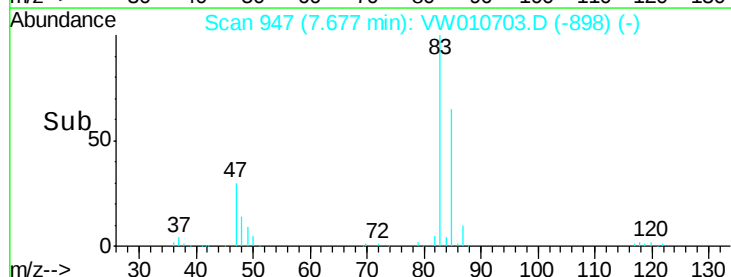
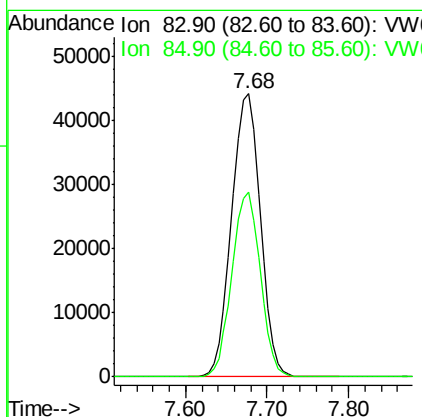
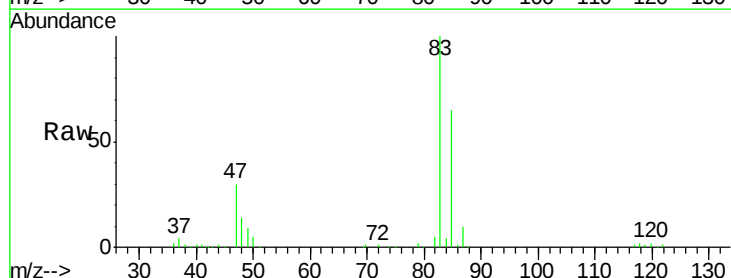
Manual Integrations
APPROVED

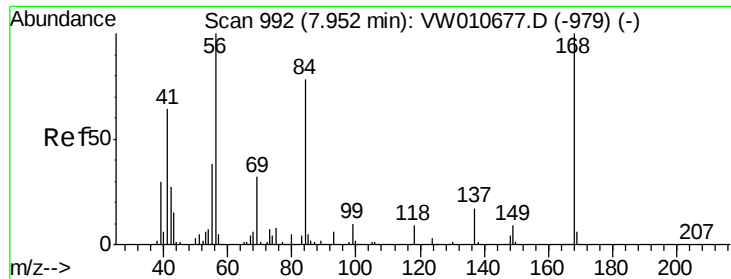
MMDadoda
6/7/2019 11:24:44 AM



#30
Chloroform
Concen: 19.696 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.8	77.8





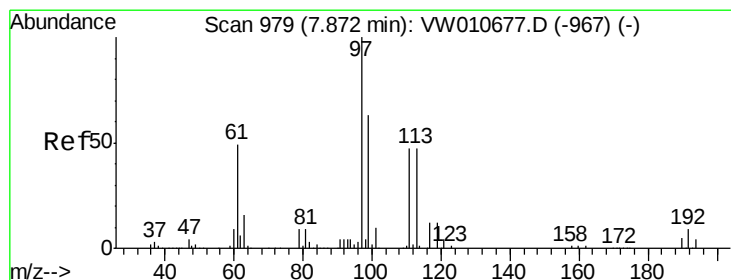
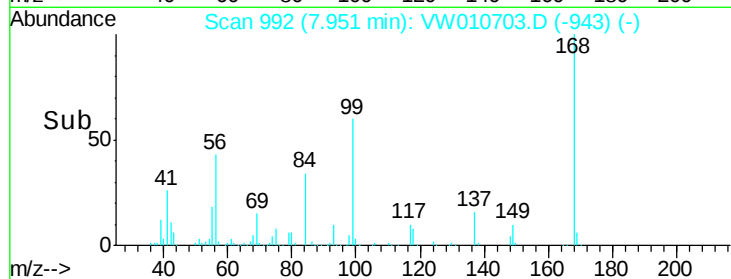
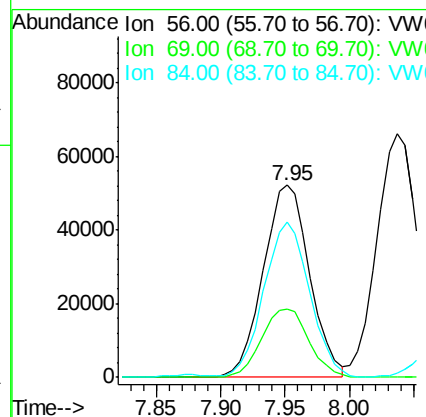
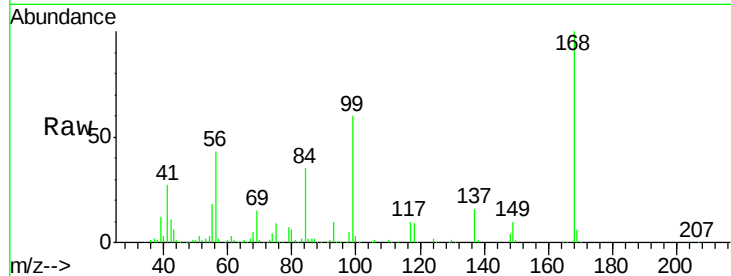
#31
Cyclohexane
Concen: 19.527 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.3	25.2	37.8
84	79.7	62.2	93.2

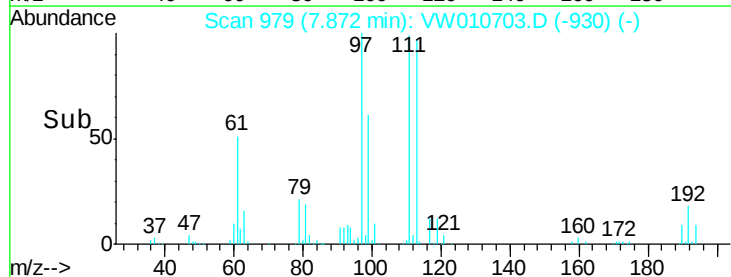
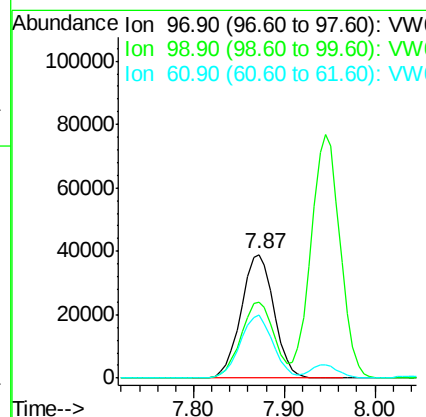
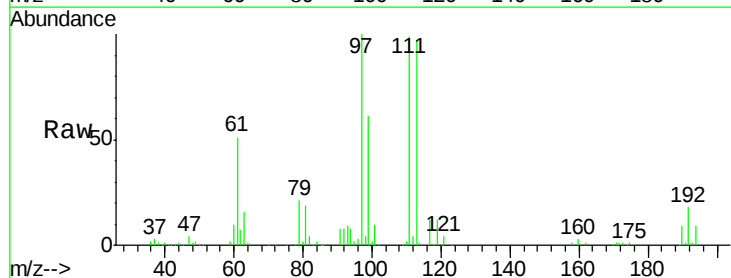
Manual Integrations
APPROVED

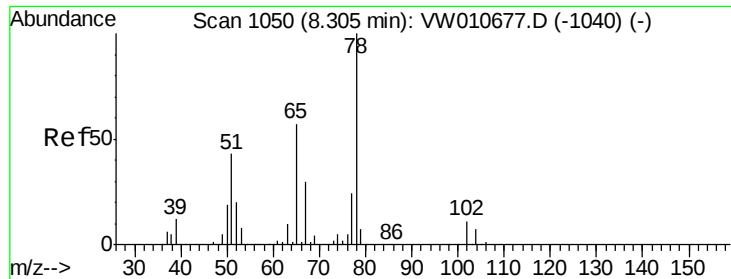
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.366 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.7	51.3	76.9
61	50.9	40.4	60.6





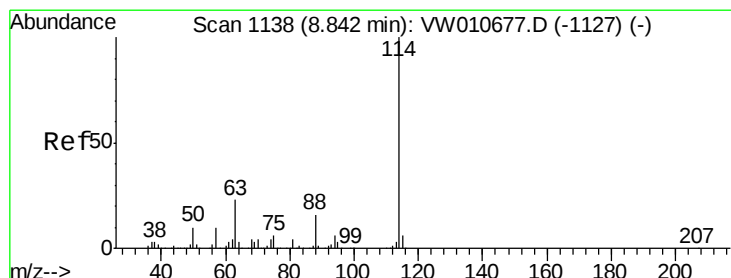
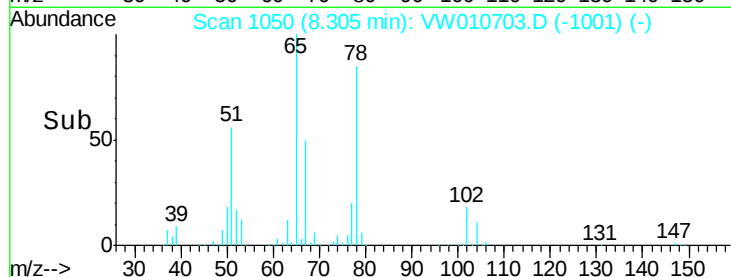
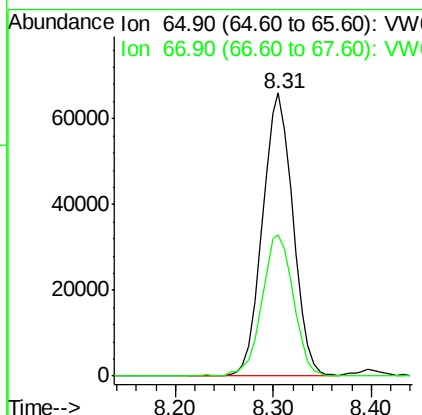
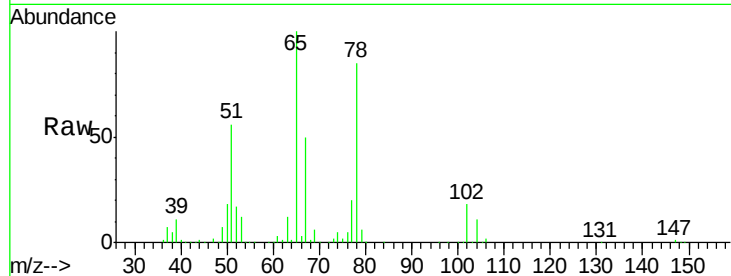
#33
 1,2-Dichloroethane-d4
 Concen: 43.215 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Instrument :
 MSVOA_W
 ClientSampled :
 VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	142977		
67	51.5	0.0	102.6	

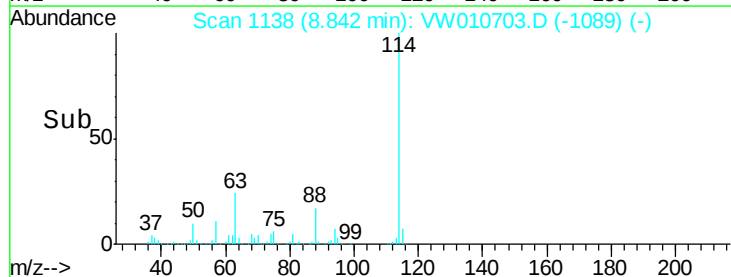
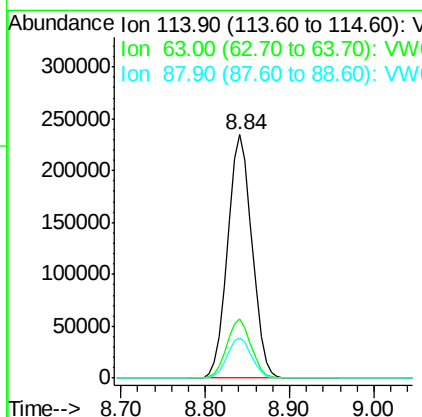
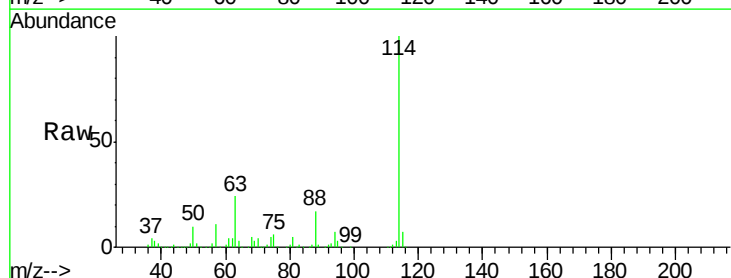
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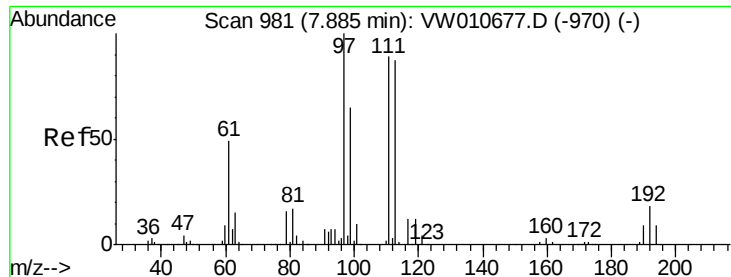
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	461385		
63	24.4	0.0	46.4	
88	16.5	0.0	32.2	





#35

Dibromofluoromethane

Concen: 45.053 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

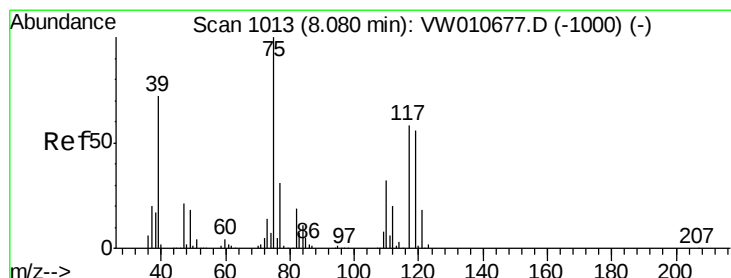
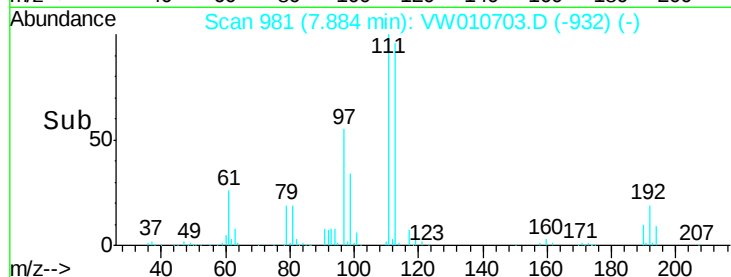
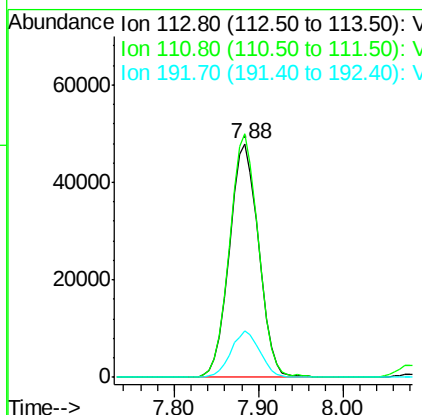
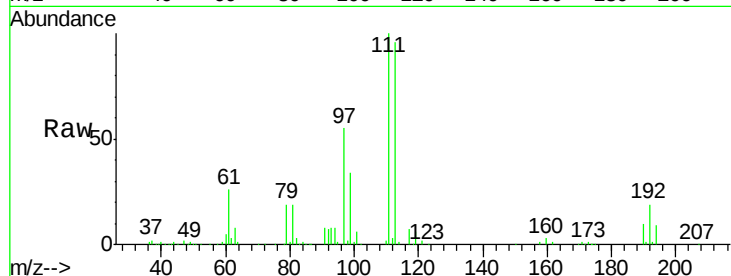
ClientSampleId :

VW0606SBS01

Tot Ion:	113	Resp:	112827
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.6	123.8
192	19.3	16.4	24.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.019 ug/l

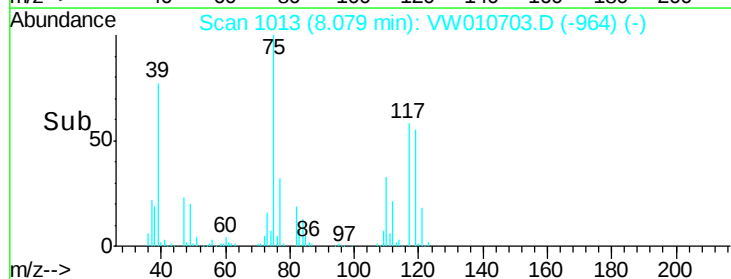
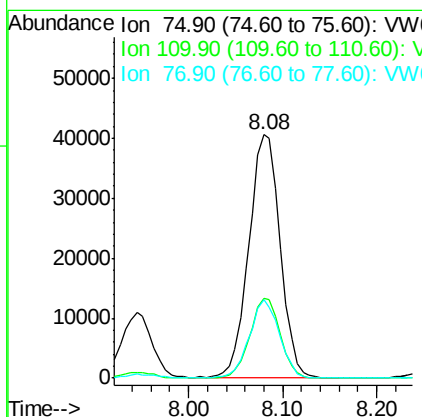
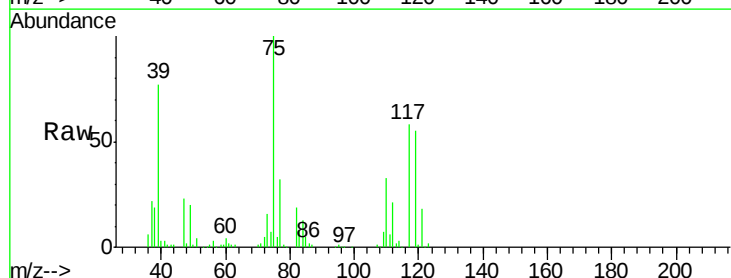
RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion:	75	Resp:	94545
Ion Ratio	Lower	Upper	
75	100		
110	31.6	15.8	47.3
77	31.2	24.7	37.1





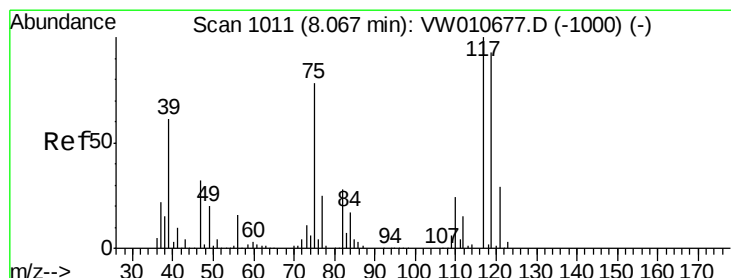
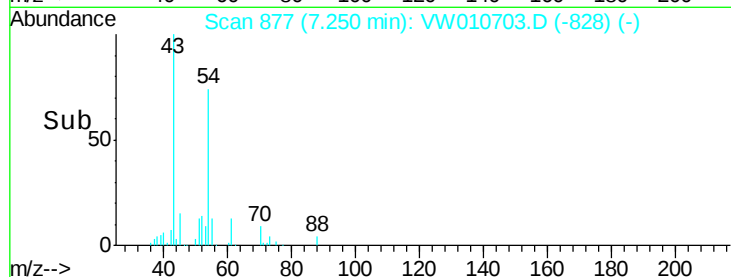
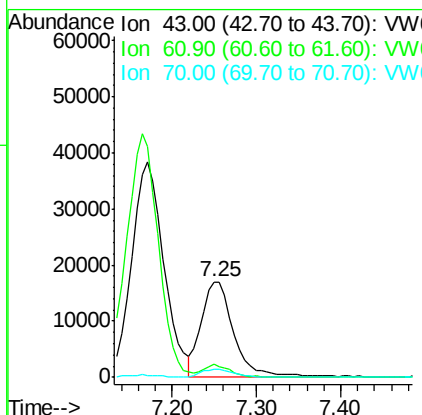
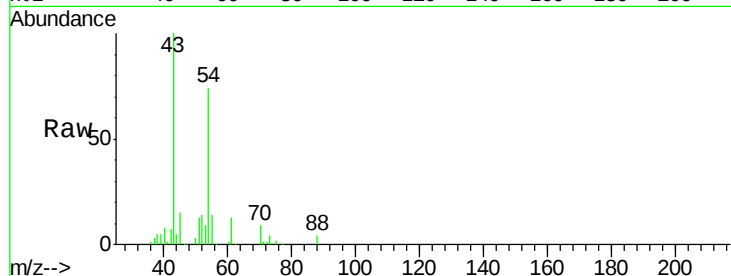
#37
Ethyl Acetate
Concen: 16.969 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.9	9.7	14.5
70	9.0	7.2	10.8

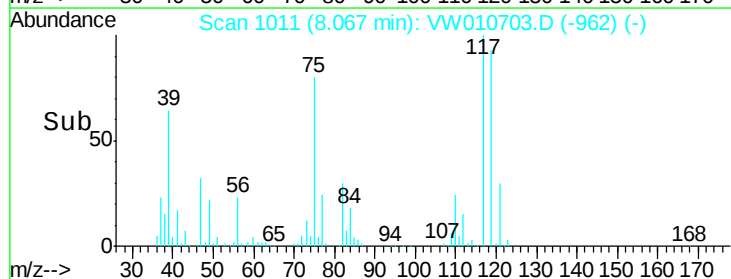
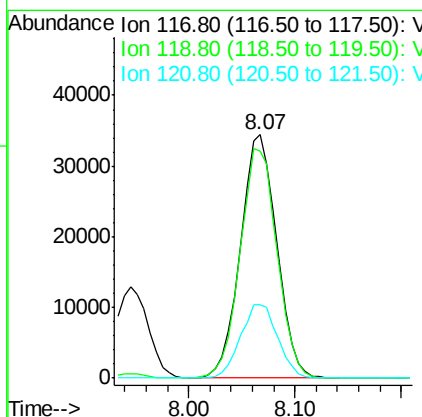
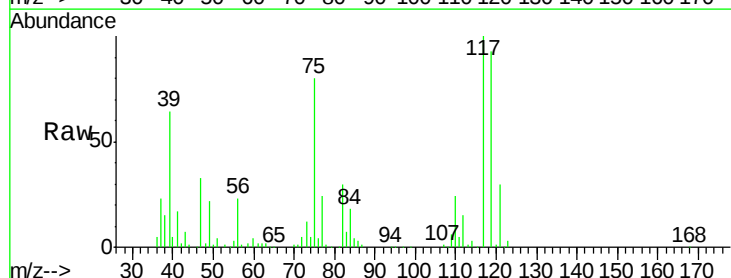
Manual Integrations
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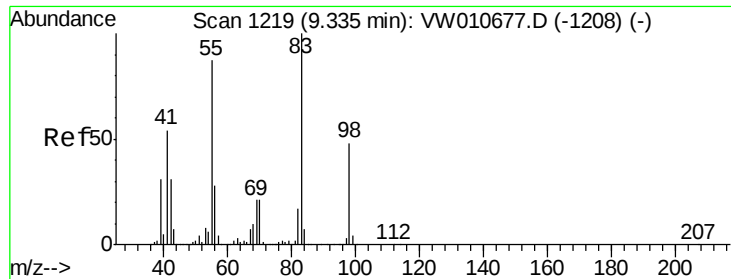
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#38
Carbon Tetrachloride
Concen: 20.223 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	74.2	111.4
121	30.1	22.9	34.3





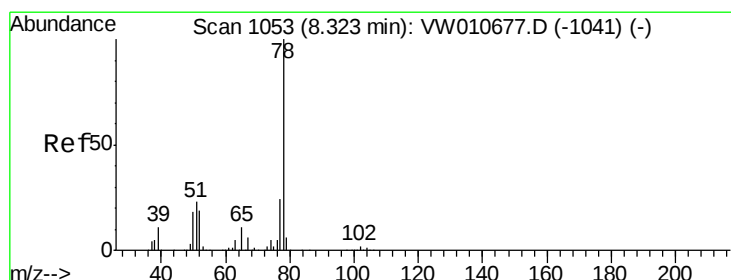
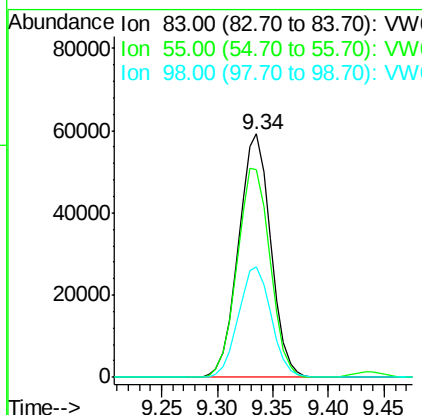
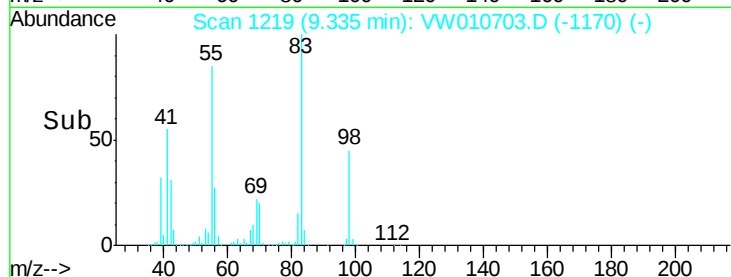
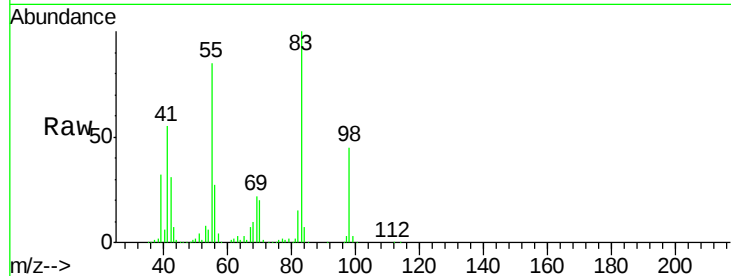
#39
Methvlcvclohexane
Concen: 19.761 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	85.3	70.0	105.0	
98	45.3	38.1	57.1	

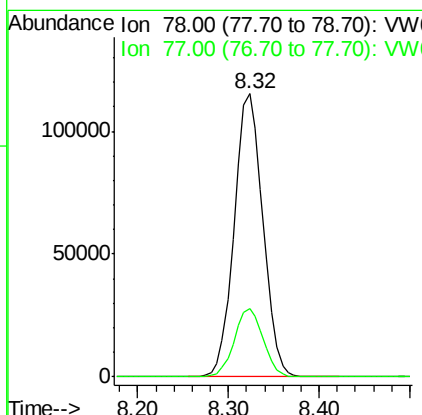
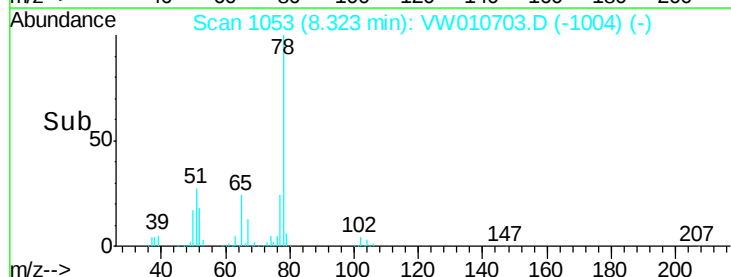
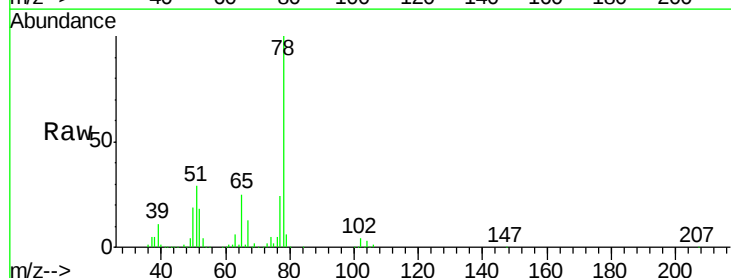
Manual Integrations
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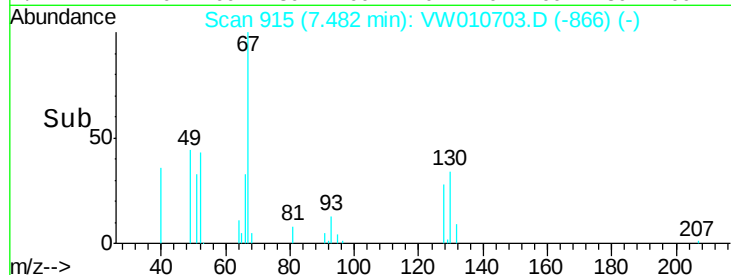
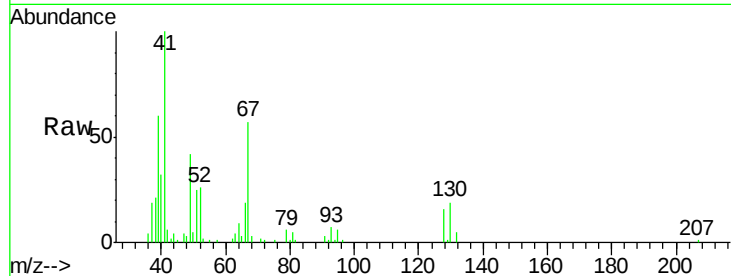
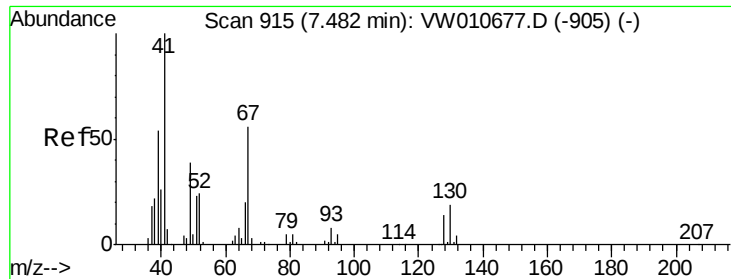
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#40
Benzene
Concen: 19.715 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.2	19.1	28.7	





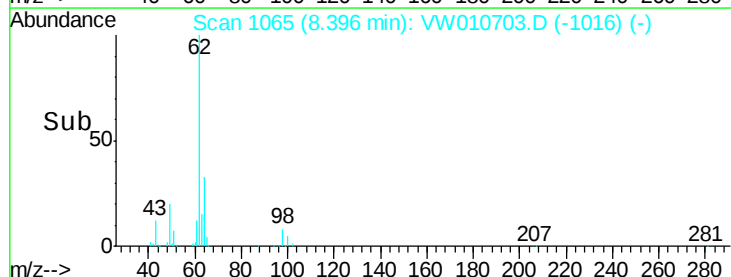
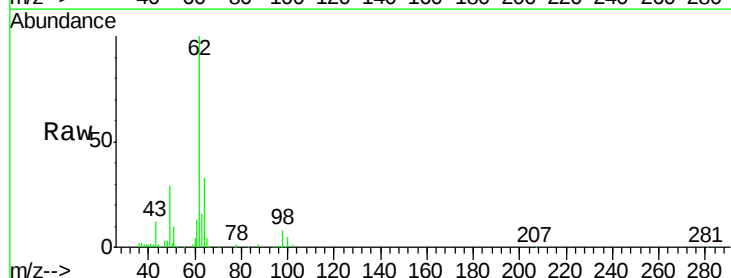
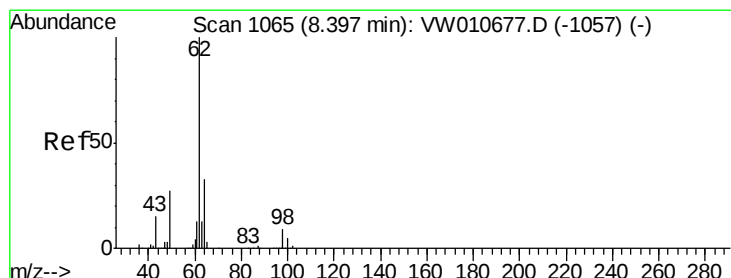
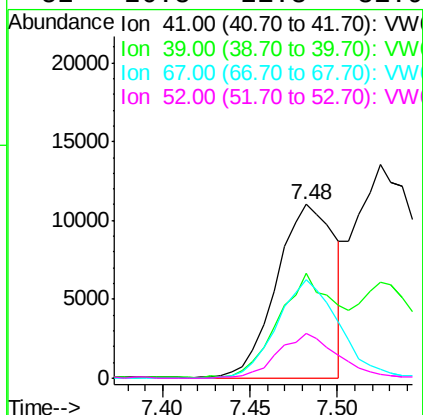
#41
Methacrylonitrile
Concen: 16.524 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tot Ion	41	Resp	25704
Ion Ratio	Lower	Upper	
41	100		
39	61.6	47.3	70.9
67	60.8	47.2	70.8
52	26.8	21.3	31.9

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

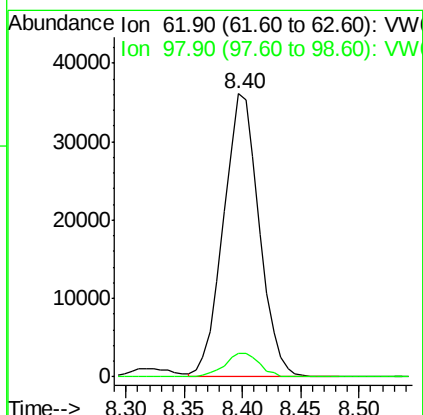
Manual Integrations
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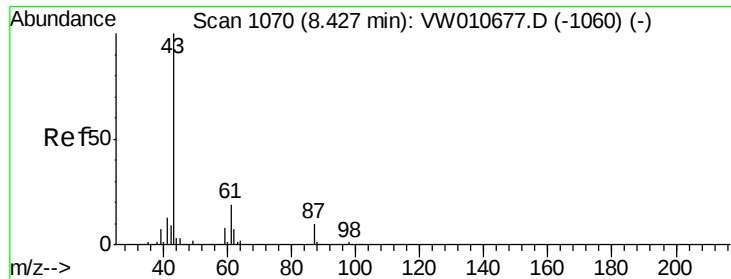
MMDadoda
6/7/2019 11:24:44 AM



#42
1,2-Dichloroethane
Concen: 18.792 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	62	Resp	76843
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	17.2





#43

Isopropyl Acetate

Concen: 16.695 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

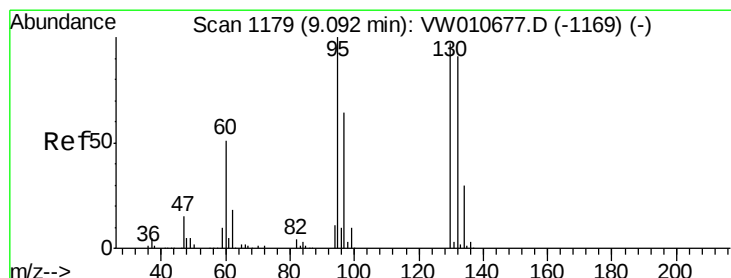
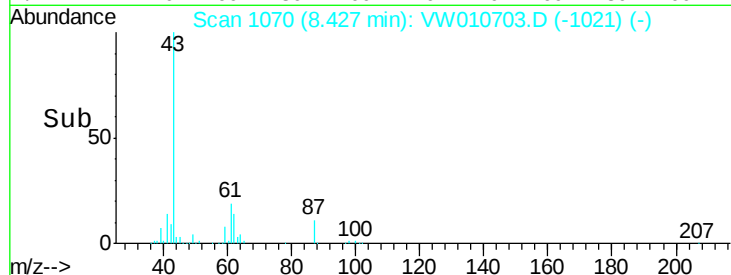
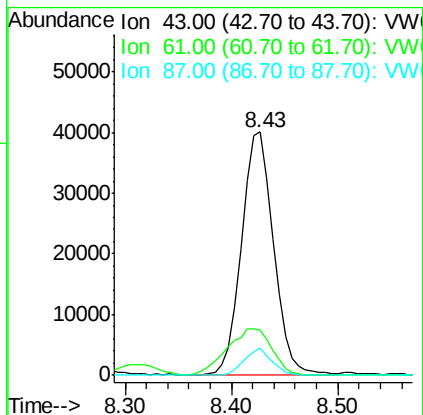
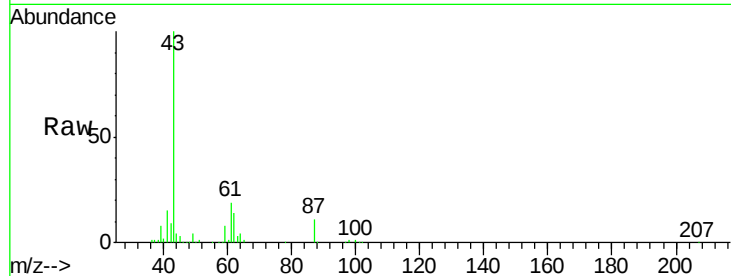
ClientSampleId :

VW0606SBS01

Tot Ion:	43	Resp:	84413
Ion	Ratio	Lower	Upper
43	100		
61	27.1	21.2	31.8
87	9.9	8.3	12.5

Manual Integrations
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6/7/2019 11:24:44 AM



#44

Trichloroethene

Concen: 19.641 ug/l

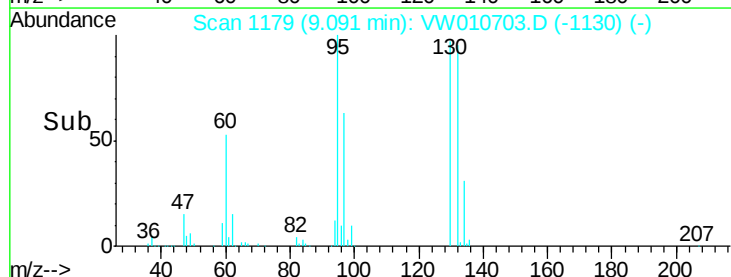
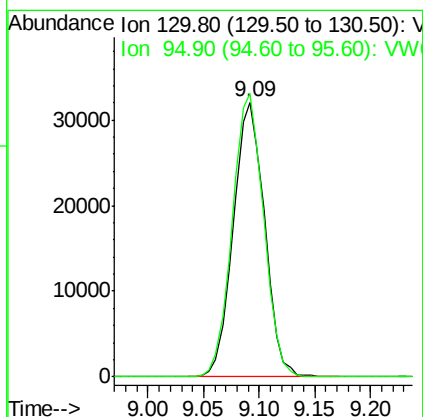
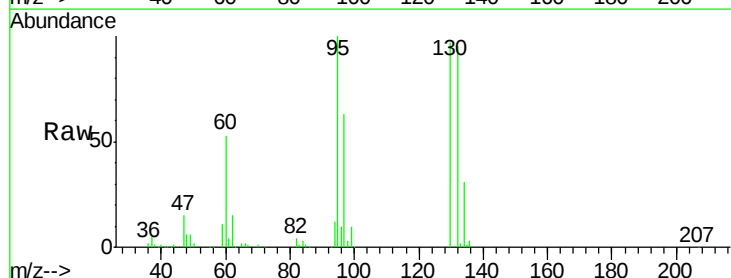
RT: 9.09 min Scan# 1179

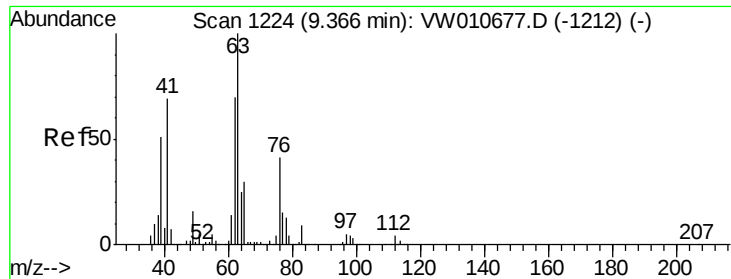
Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion:	130	Resp:	62424
Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	207.0





#45

1,2-Dichloropropane

Concen: 19.101 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampled :

VW0606SBS01

Tot Ion: 63 Resp: 65146

Ion Ratio Lower Upper

63 100

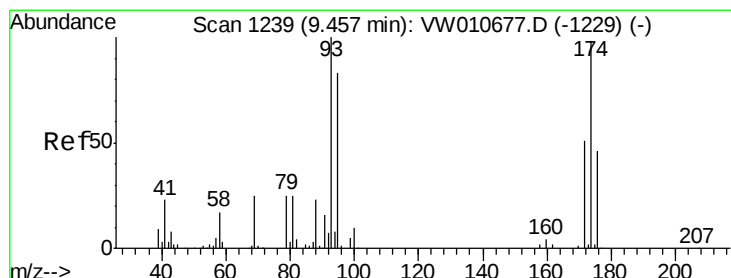
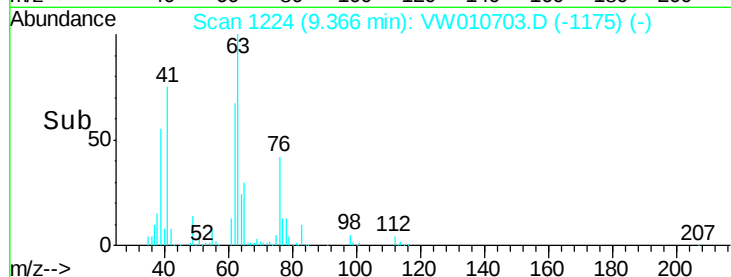
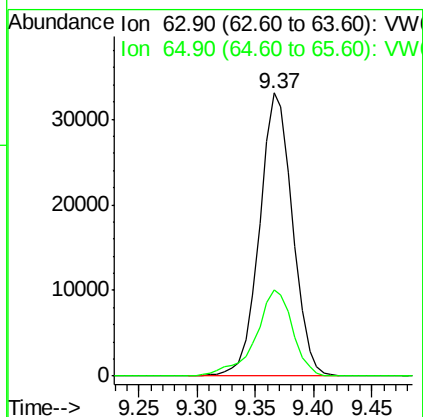
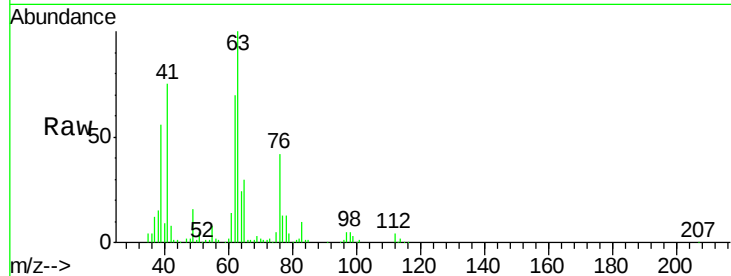
65 30.5 23.8 35.6

Manual Integrations

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MMDadoda

6/7/2019 11:24:44 AM



#46

Dibromomethane

Concen: 18.222 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

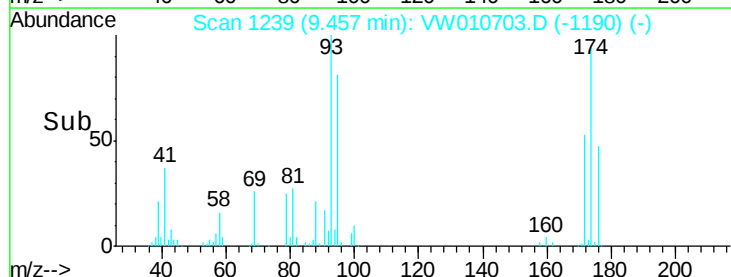
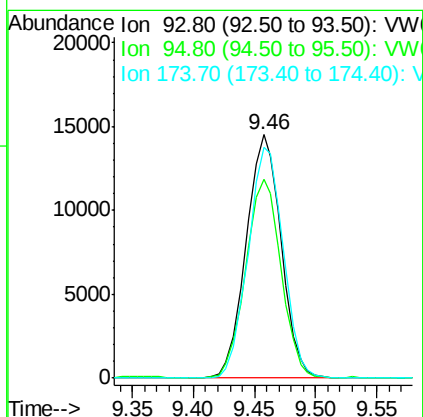
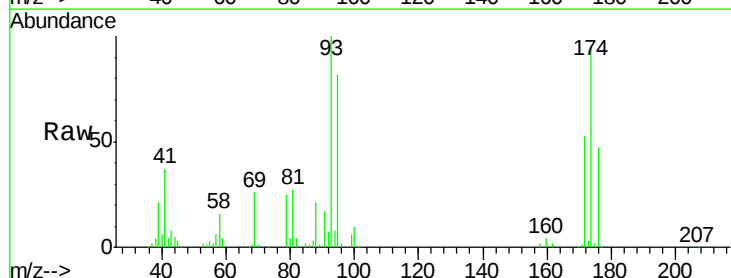
Tgt Ion: 93 Resp: 28866

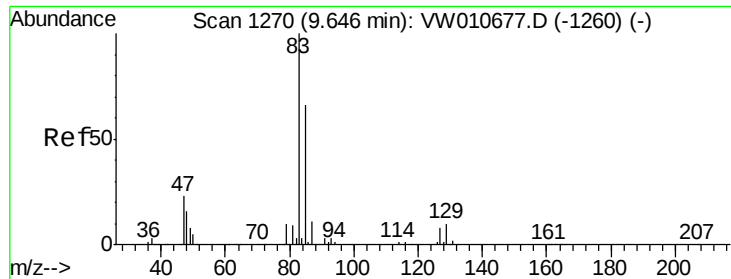
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 95.3 77.4 116.0





#47

Bromodichloromethane

Concen: 19.137 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

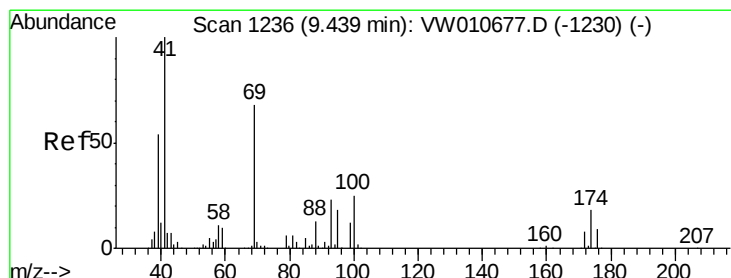
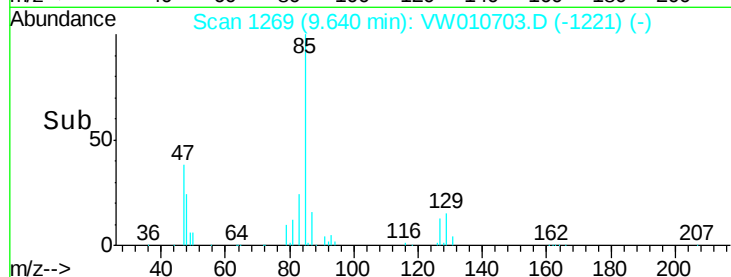
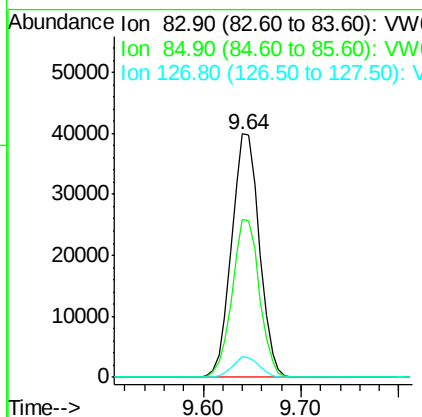
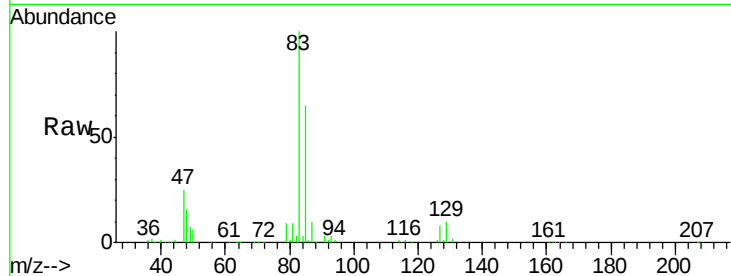
ClientSampled :

VW0606SBS01

Tot Ion:	83	Resp:	78583
Ion Ratio	Lower	Upper	
83	100		
85	64.9	53.0	79.4
127	8.4	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 16.552 ug/l

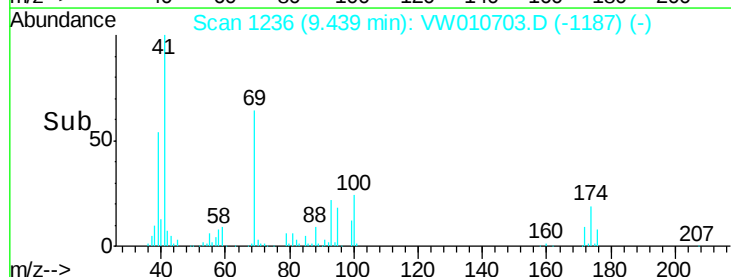
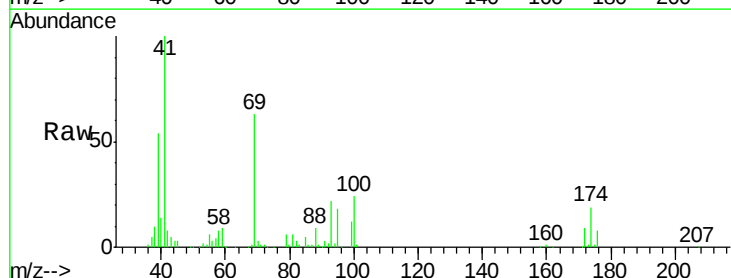
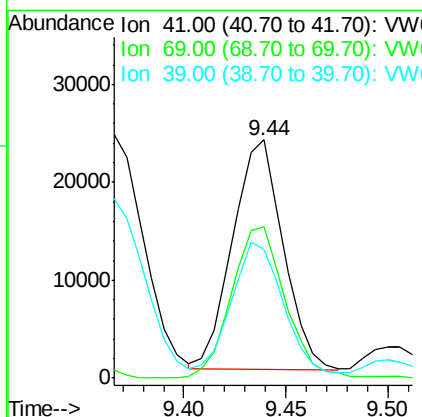
RT: 9.44 min Scan# 1236

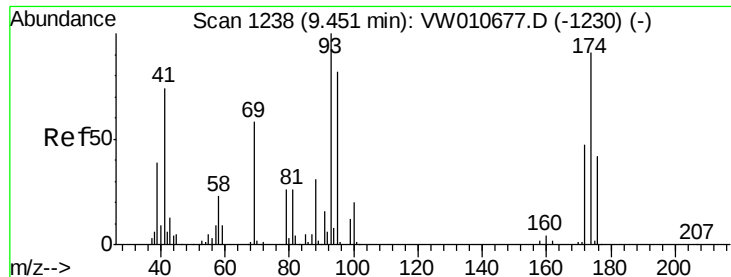
Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion:	41	Resp:	40350
Ion Ratio	Lower	Upper	
41	100		
69	70.7	56.6	85.0
39	57.2	44.4	66.6





#49

1,4-Dioxane

Concen: 285.701 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion: 88 Resp: 7076

Ion Ratio Lower Upper

88 100

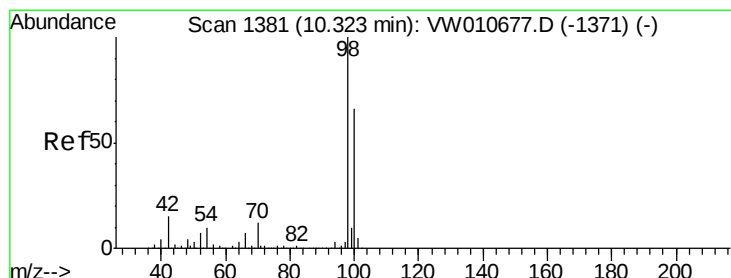
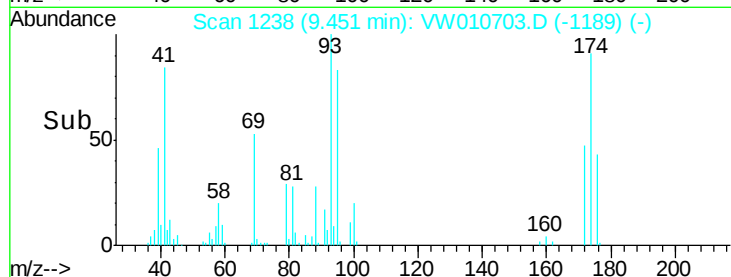
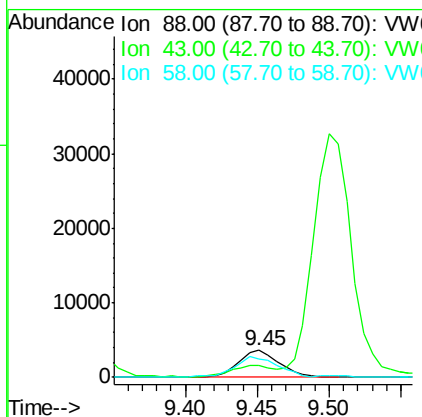
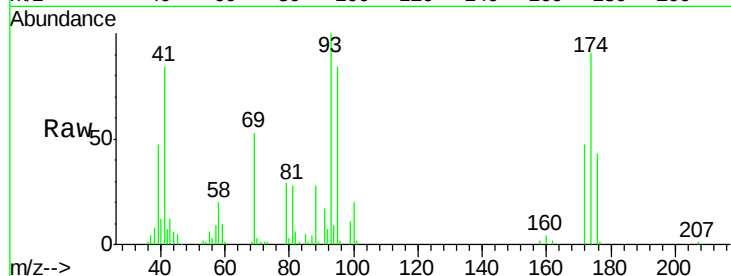
43 42.5 34.2 51.4

58 81.6 69.0 103.4

Manual Integrations
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6/7/2019 11:24:44 AM



#50

Toluene-d8

Concen: 44.005 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010703.D

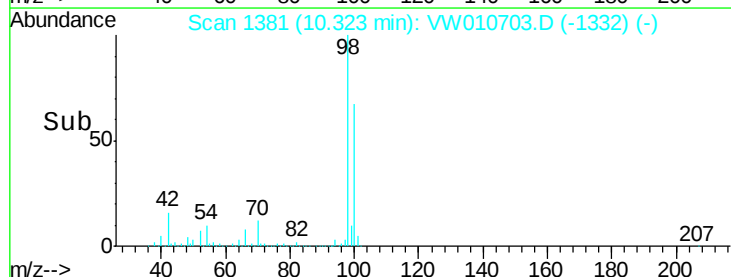
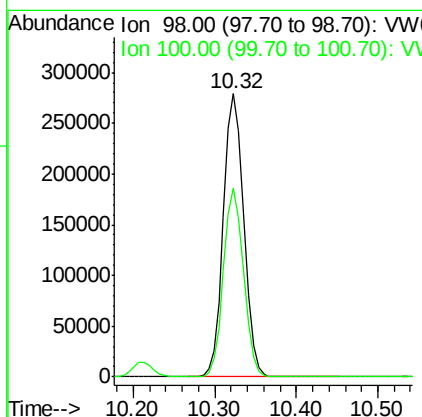
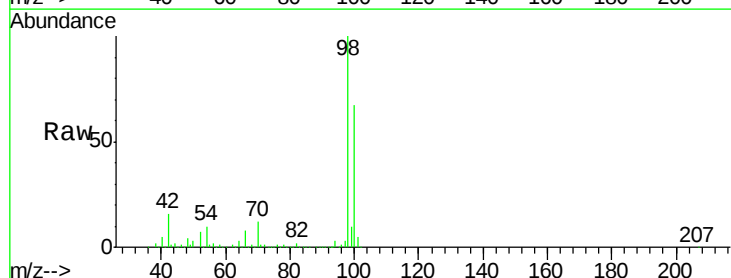
Acq: 06 Jun 2019 12:10

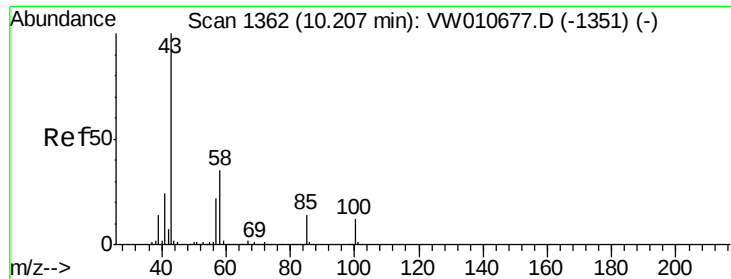
Tgt Ion: 98 Resp: 483250

Ion Ratio Lower Upper

98 100

100 65.5 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 81.689 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampled :

VW0606SBS01

Tot Ion: 43 Resp: 211004

Ion Ratio Lower Upper

43 100

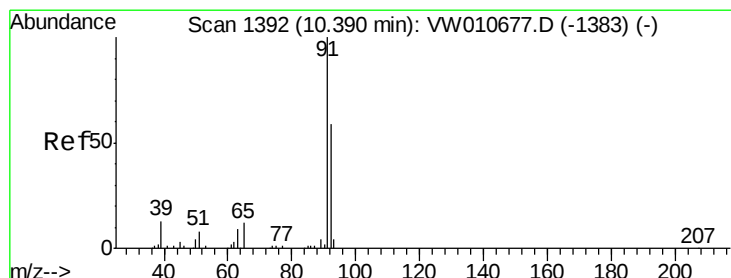
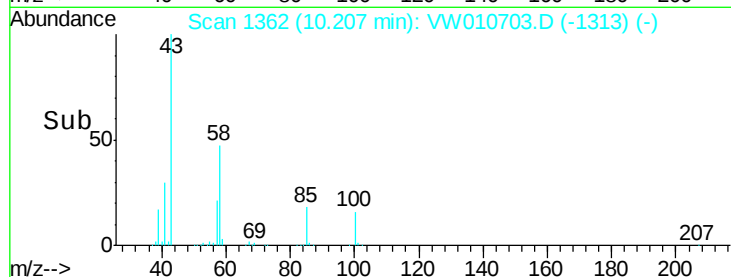
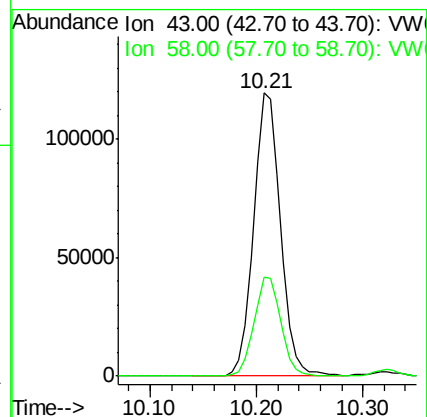
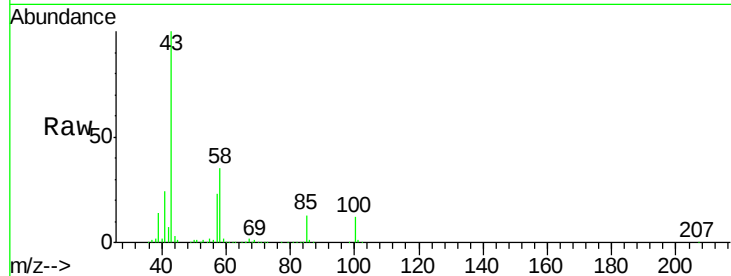
58 35.1 28.4 42.6

Manual Integrations

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#52

Toluene

Concen: 19.694 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010703.D

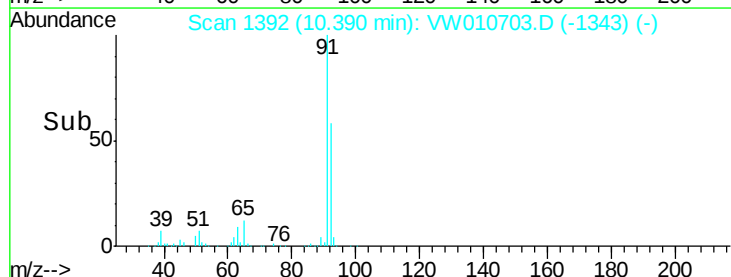
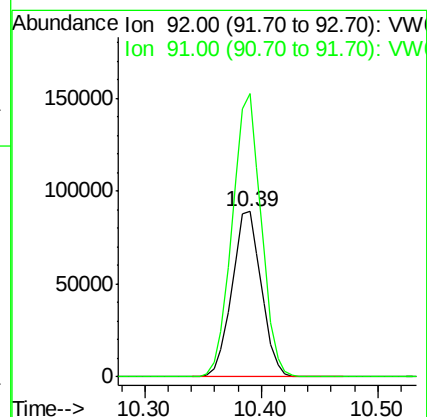
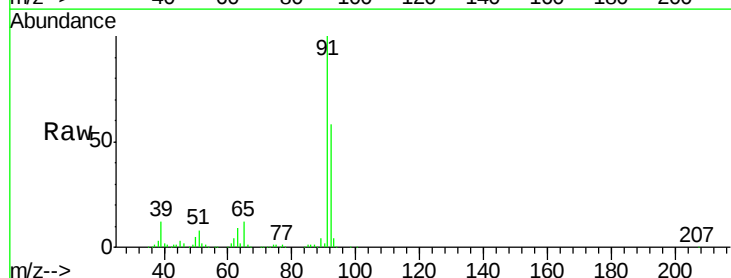
Acq: 06 Jun 2019 12:10

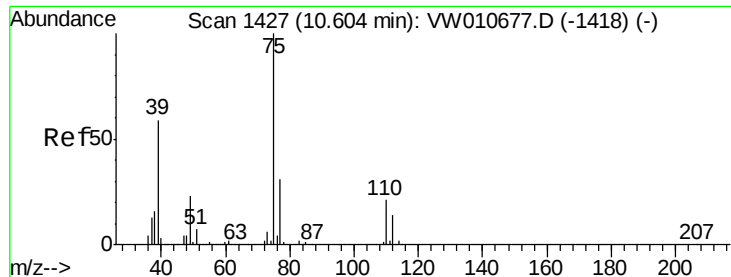
Tgt Ion: 92 Resp: 156121

Ion Ratio Lower Upper

92 100

91 169.2 134.9 202.3





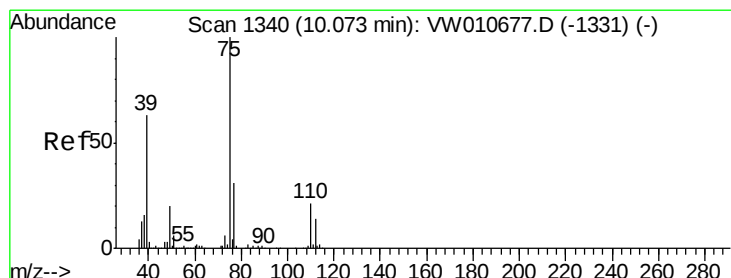
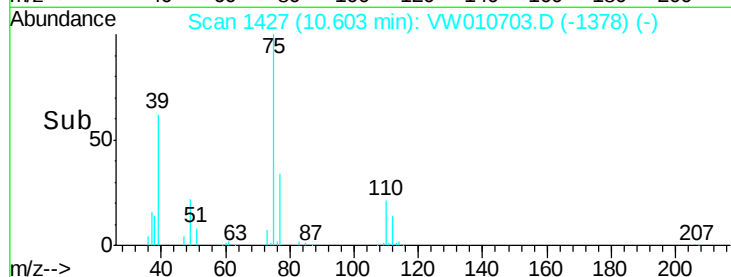
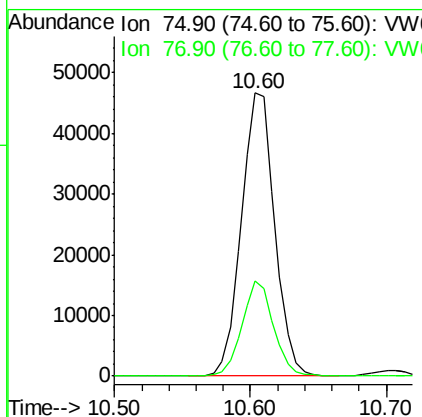
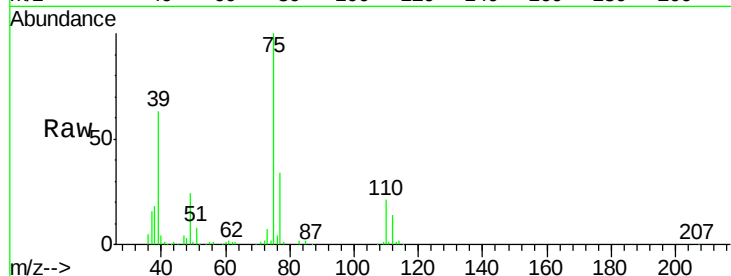
#53
t-1,3-Dichloropropene
Concen: 18.375 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampled :
VW0606SBS01

Tot Ion: 75 Resp: 79918
Ion Ratio Lower Upper
75 100
77 33.8 24.6 36.8

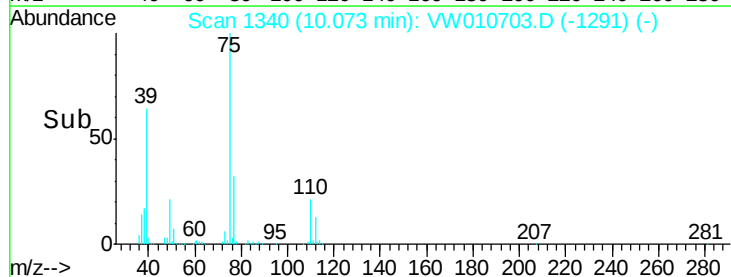
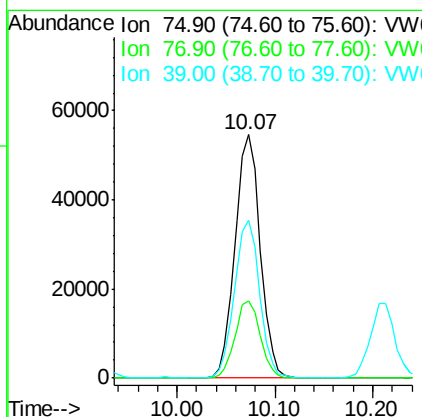
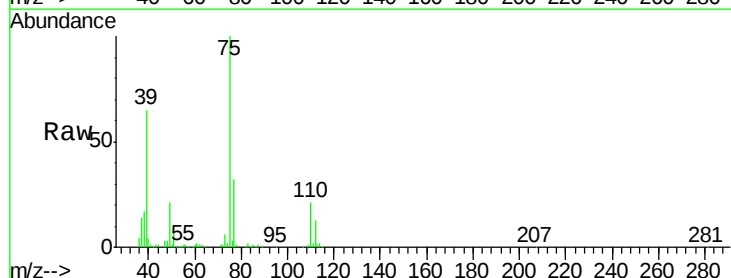
Manual Integrations
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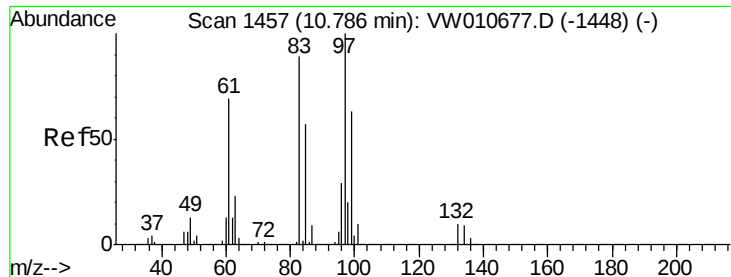
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.154 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 75 Resp: 98031
Ion Ratio Lower Upper
75 100
77 31.6 25.2 37.8
39 64.6 50.1 75.1





#55

1,1,2-Trichloroethane

Concen: 17.730 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

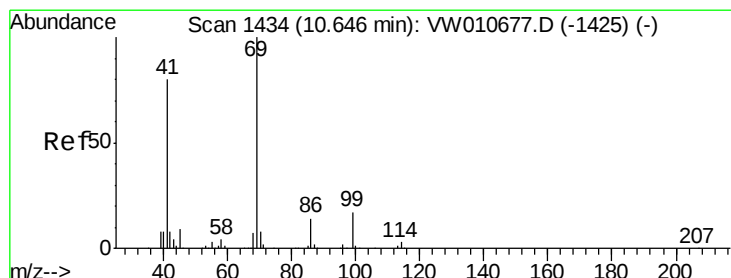
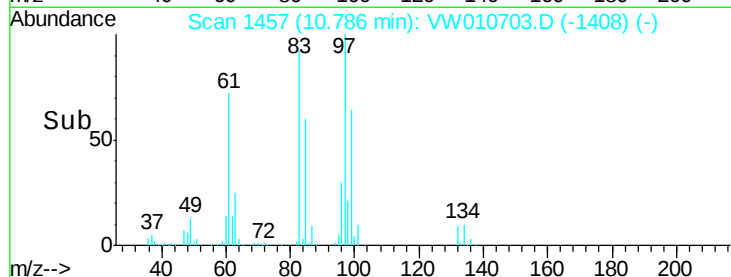
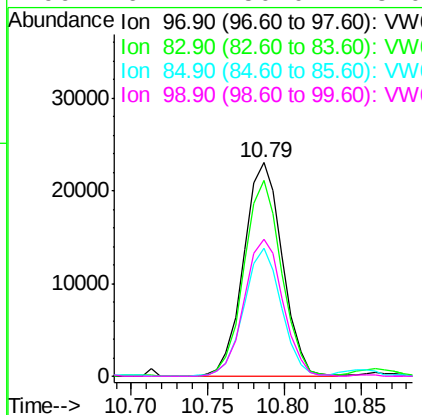
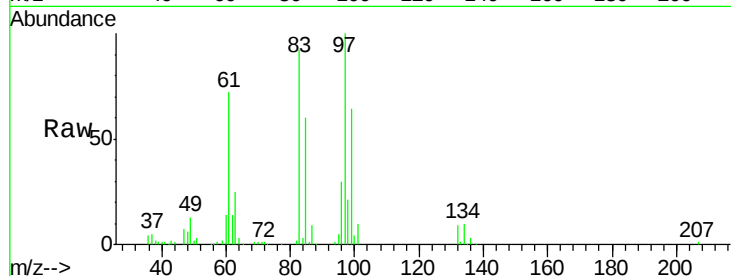
ClientSampleId :

VW0606SBS01

Tot Ion:	97	Resp:	40462
Ion	Ratio	Lower	Upper
97	100		
83	91.7	71.1	106.7
85	59.8	45.2	67.8
99	64.1	50.0	75.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 16.886 ug/l

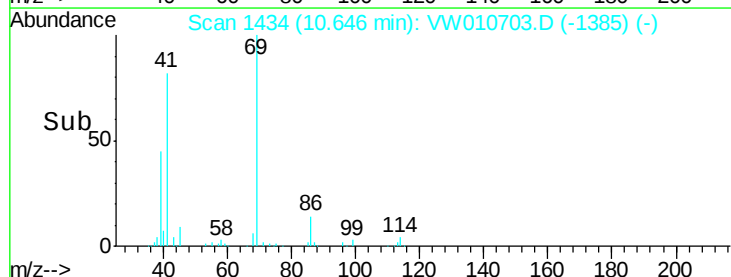
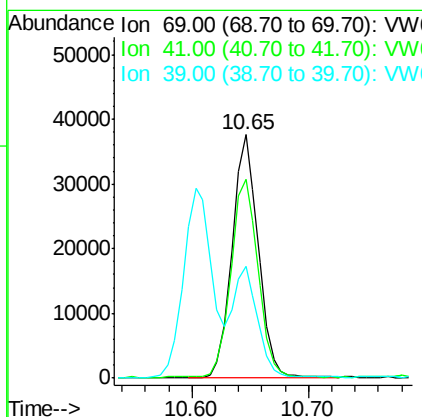
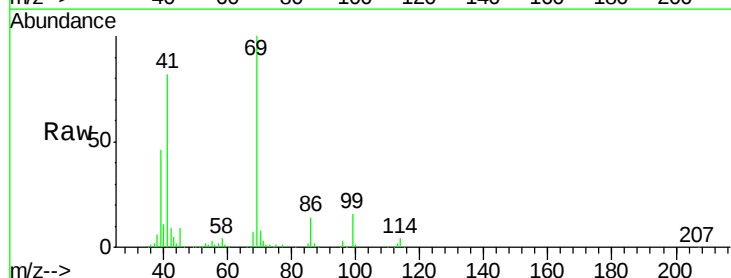
RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion:	69	Resp:	59296
Ion	Ratio	Lower	Upper
69	100		
41	83.3	64.8	97.2
39	42.7	32.2	48.2





#57

1,3-Dichloropropane

Concen: 18.047 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion: 76 Resp: 77615

Ion Ratio Lower Upper

76 100

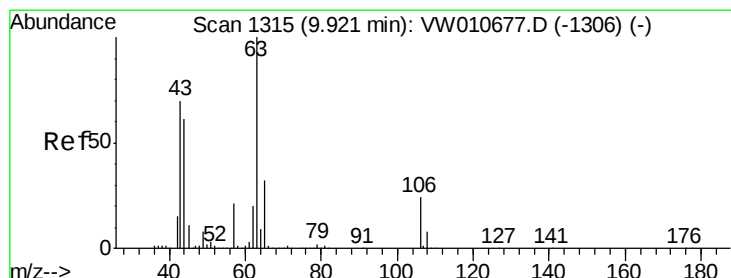
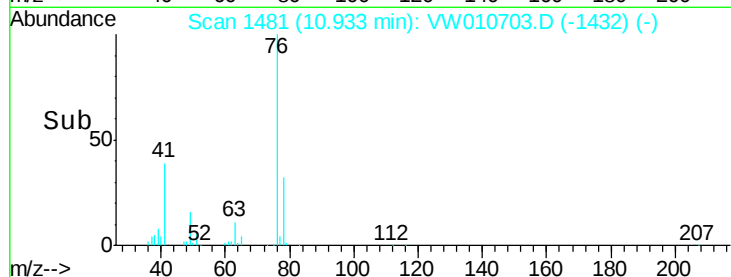
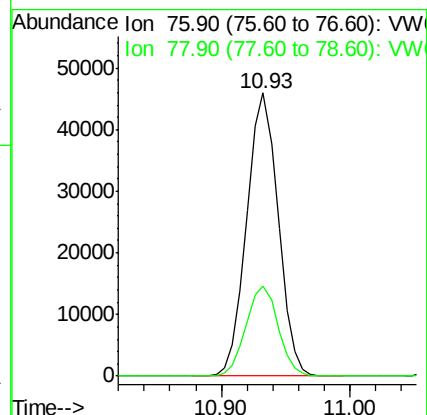
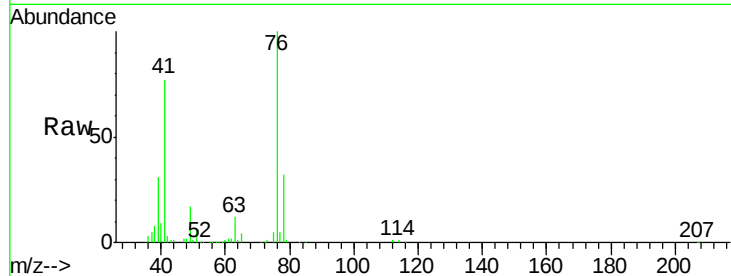
78 32.4 25.7 38.5

Manual Integrations

APPROVED

MMDadoda

6/7/2019 11:24:44 AM



#58

2-Chloroethyl Vinyl ether

Concen: 88.884 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.01 min

Lab File: VW010703.D

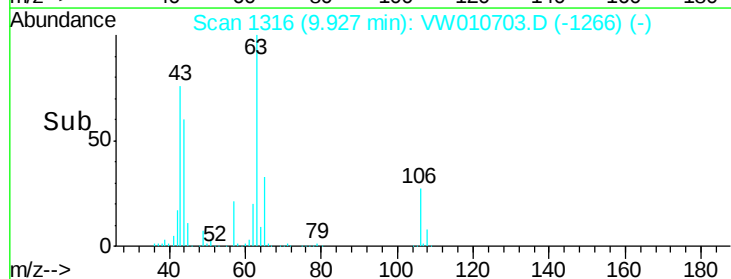
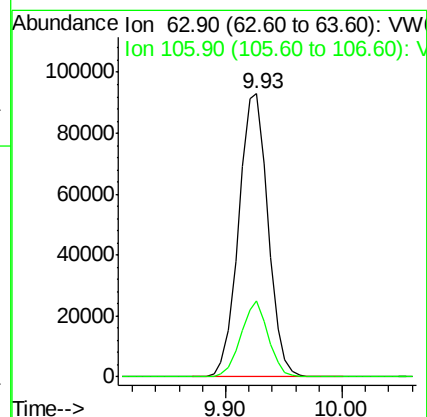
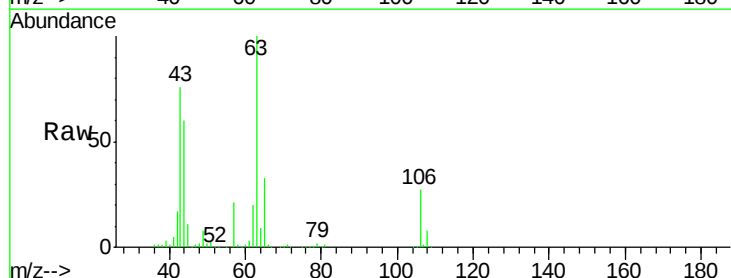
Acq: 06 Jun 2019 12:10

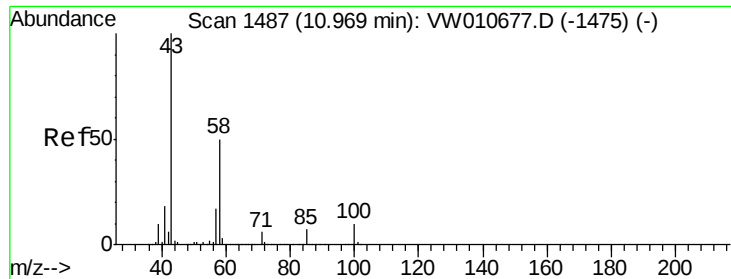
Tgt Ion: 63 Resp: 163482

Ion Ratio Lower Upper

63 100

106 24.9 20.1 30.1





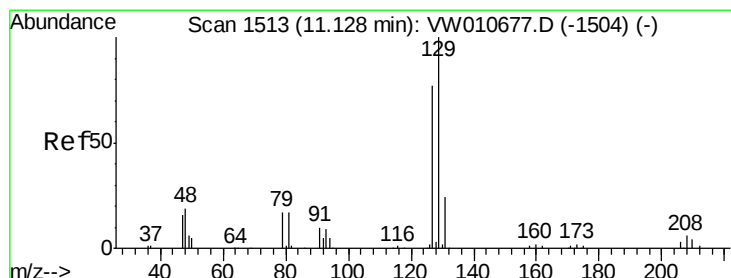
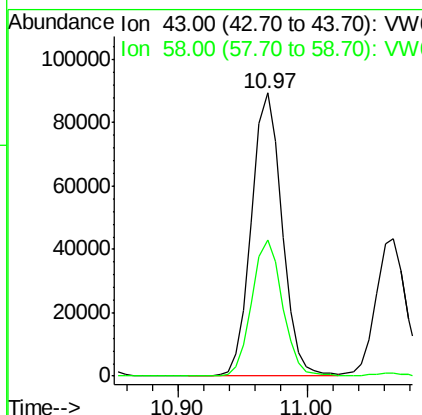
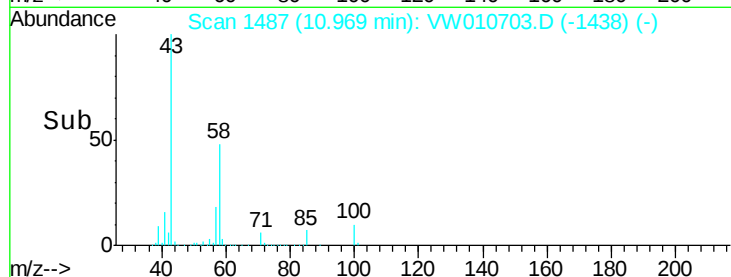
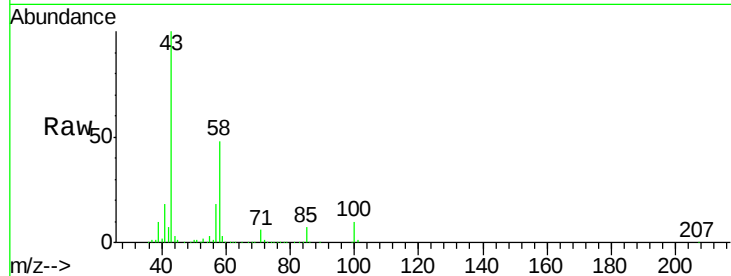
#59
2-Hexanone
Concen: 78.266 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampled :
VW0606SBS01

Tot Ion: 43 Resp: 146106
Ion Ratio Lower Upper
43 100
58 48.3 24.9 74.6

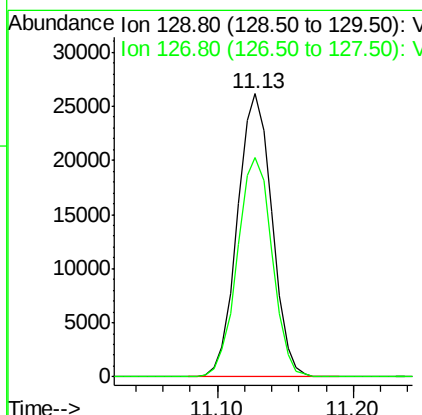
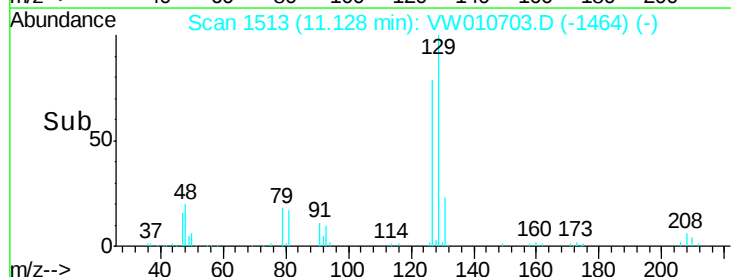
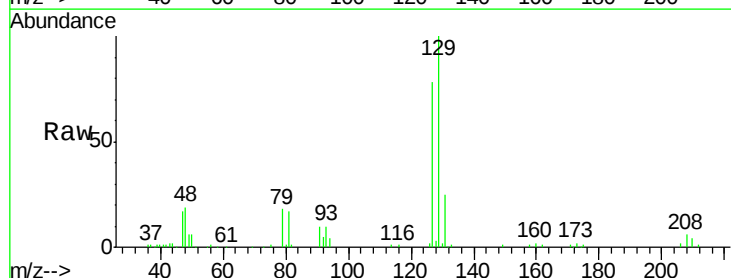
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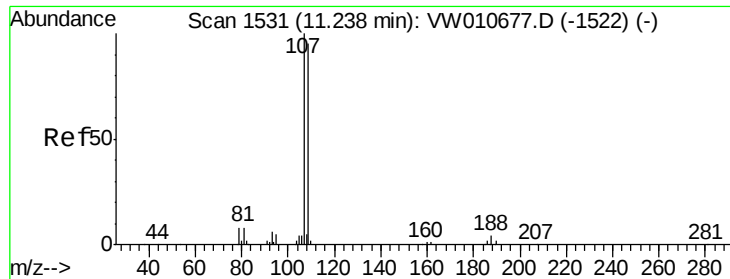
MMDadoda
6/7/2019 11:24:44 AM



#60
Dibromochloromethane
Concen: 18.358 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion:129 Resp: 46442
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





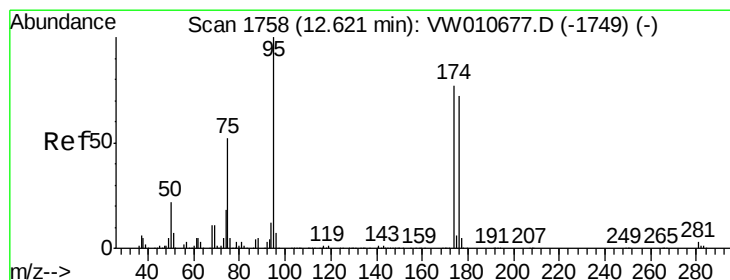
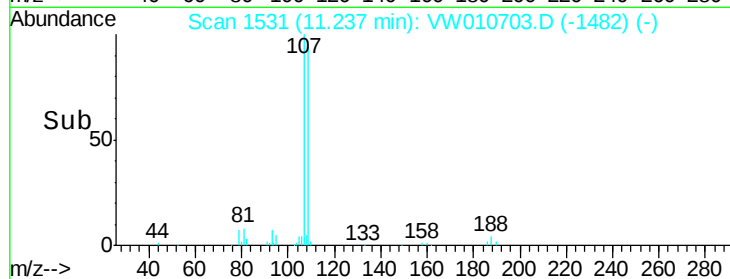
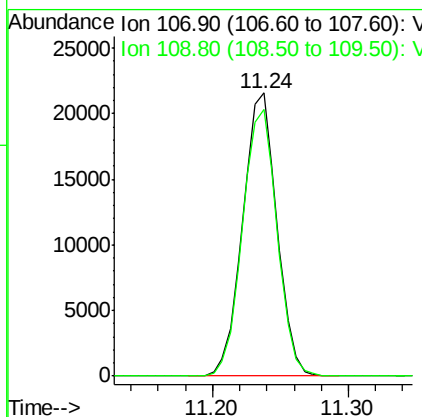
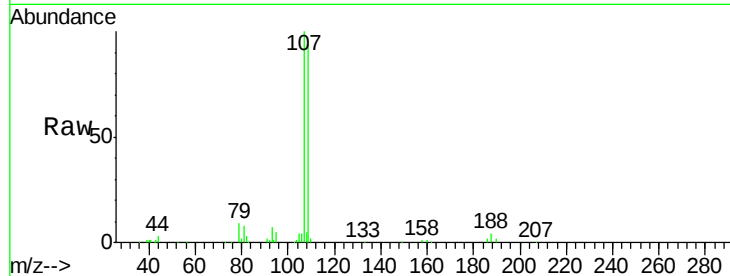
#61
 1,2-Dibromoethane
 Concen: 17.527 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Instrument :
 MSVOA_W
 ClientSampled :
 VW0606SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.7	75.8	113.8

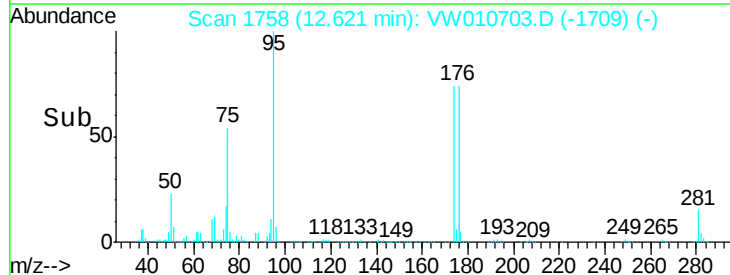
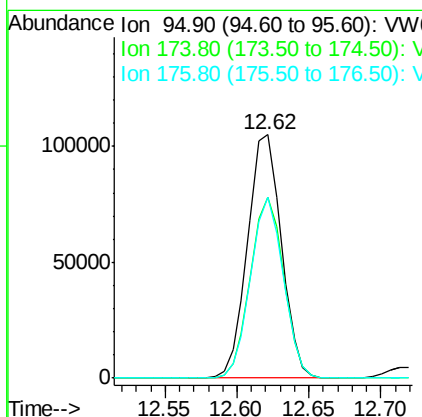
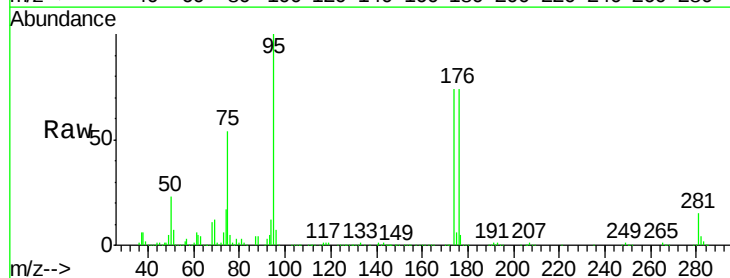
Manual Integrations
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 6/7/2019 11:24:44 AM



#62
 4-Bromofluorobenzene
 Concen: 42.700 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	150.4
176	72.0	0.0	144.8





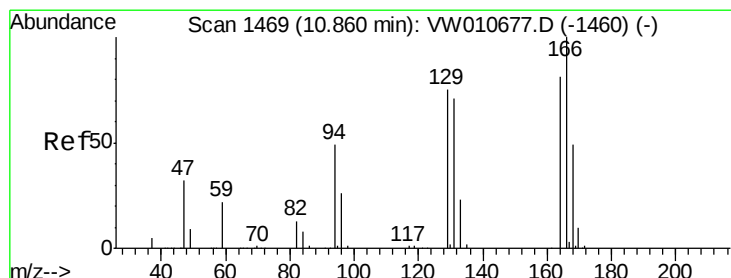
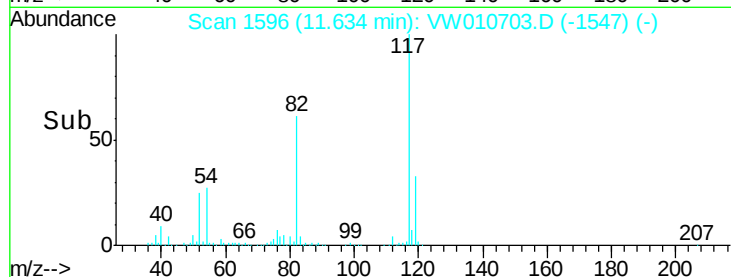
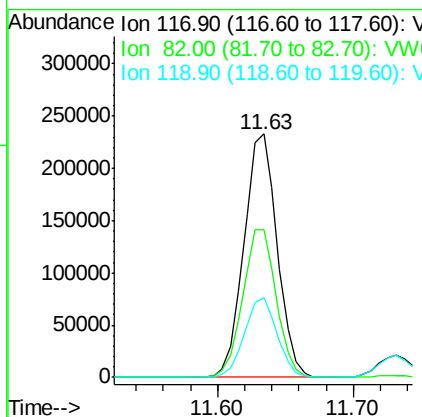
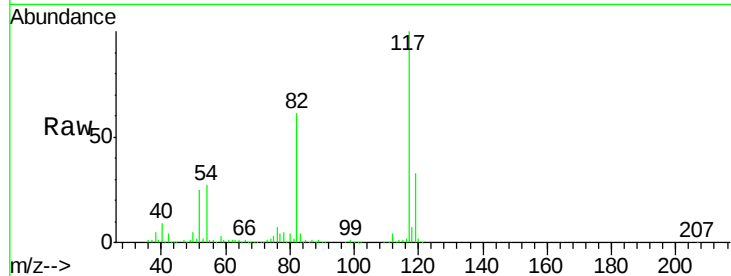
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	397111		
82	60.5	47.0	70.4	
119	32.6	25.1	37.7	

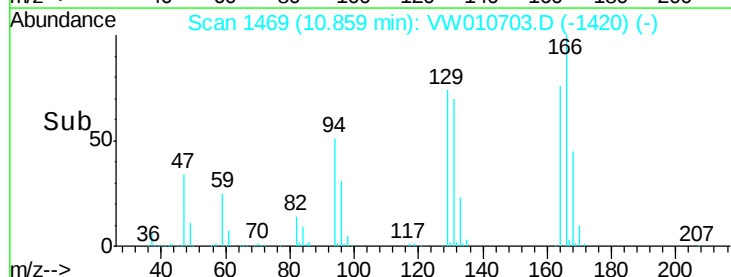
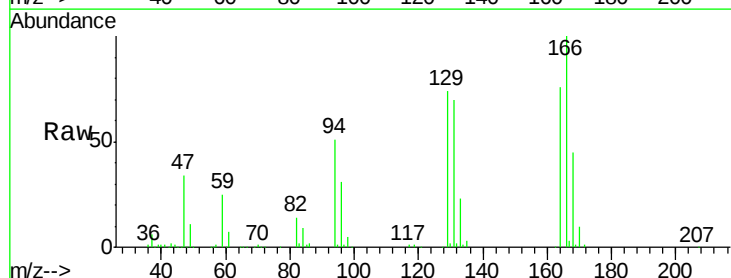
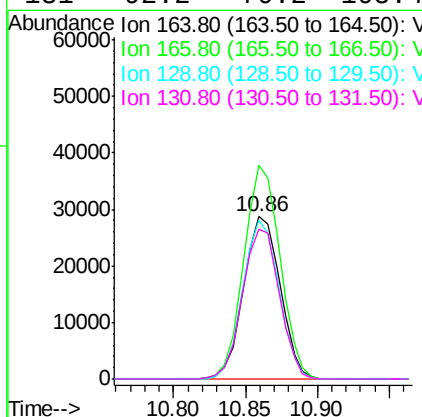
Manual Integrations
APPROVED

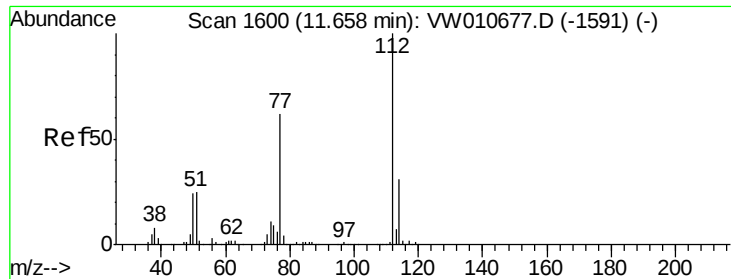
MMDadoda
6/7/2019 11:24:44 AM



#64
Tetrachloroethene
Concen: 19.167 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	50536		
166	131.8	99.2	148.8	
129	97.9	74.6	112.0	
131	92.2	70.2	105.4	





#65

Chlorobenzene

Concen: 19.561 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampled :

VW0606SBS01

Tot Ion:112 Resp: 152751

Ion Ratio Lower Upper

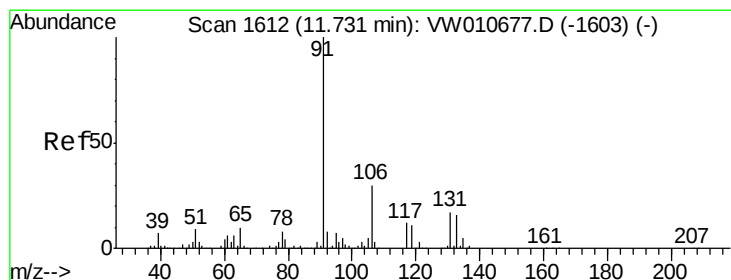
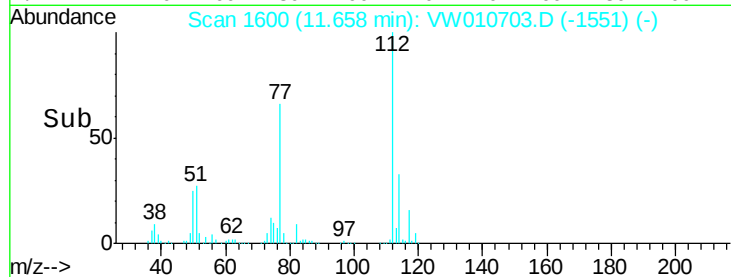
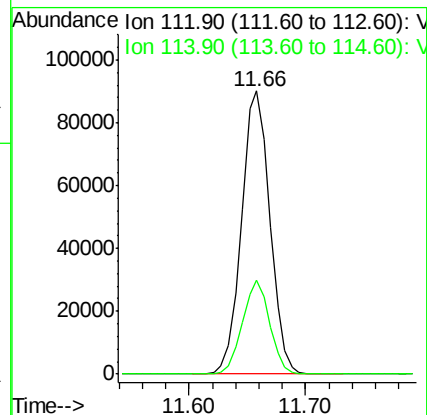
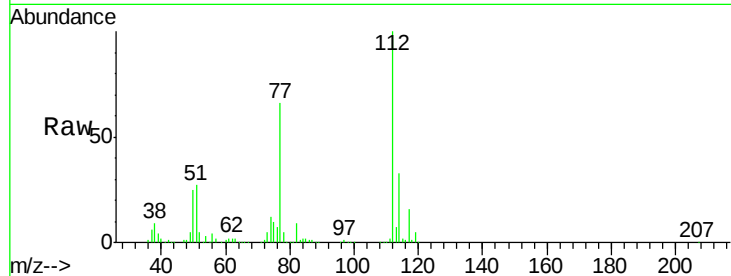
112 100

114 33.0 24.8 37.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 19.502 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

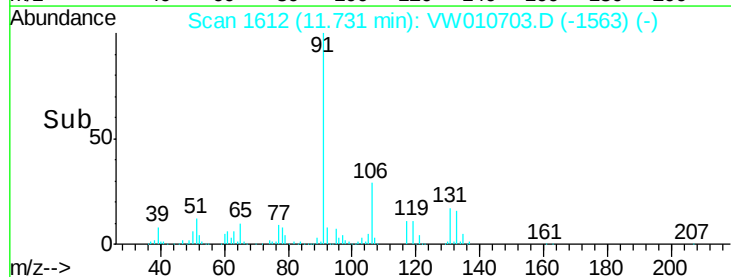
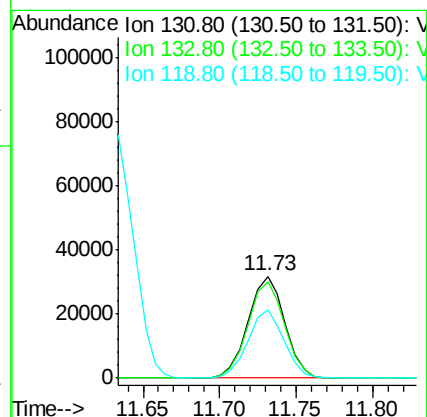
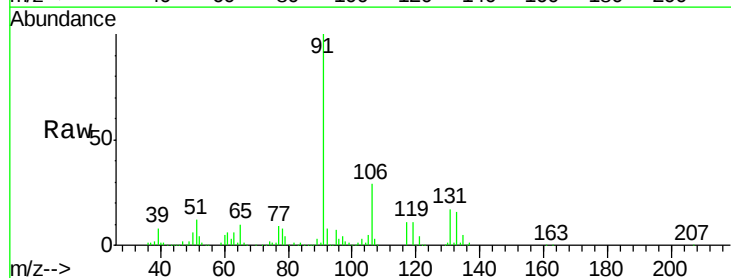
Tgt Ion:131 Resp: 52720

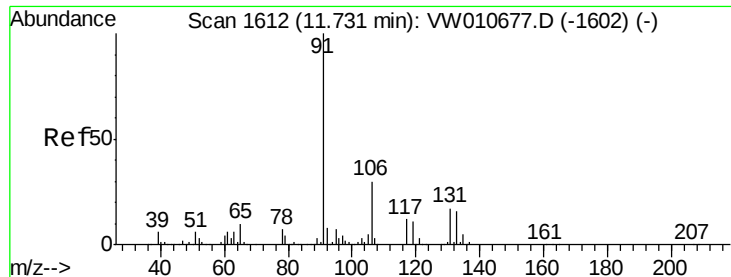
Ion Ratio Lower Upper

131 100

133 95.2 47.3 141.9

119 66.8 32.4 97.0





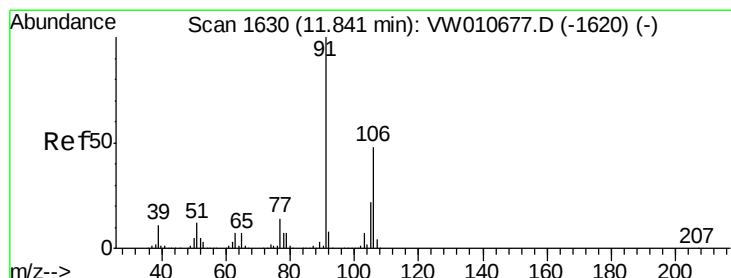
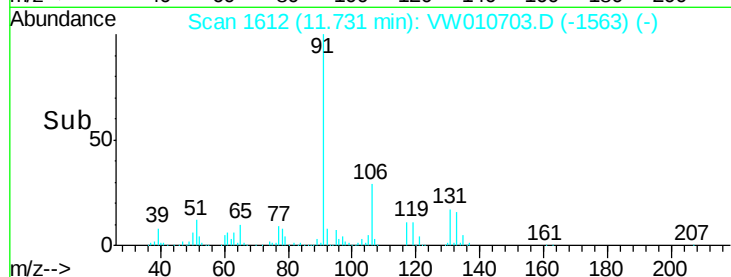
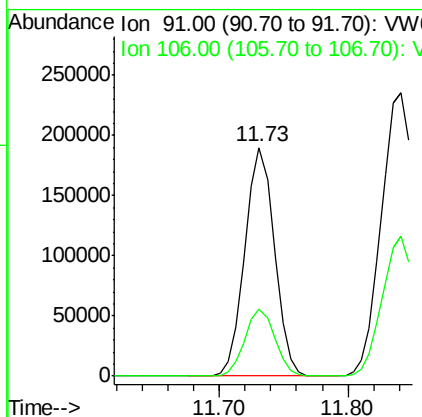
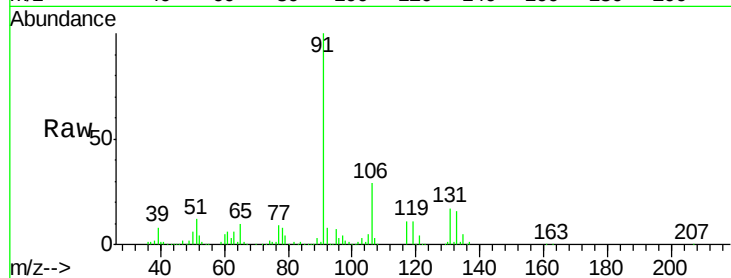
#67
Ethyl Benzene
Concen: 20.031 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion: 91 Resp: 300626
Ion Ratio Lower Upper
91 100
106 29.4 24.2 36.4

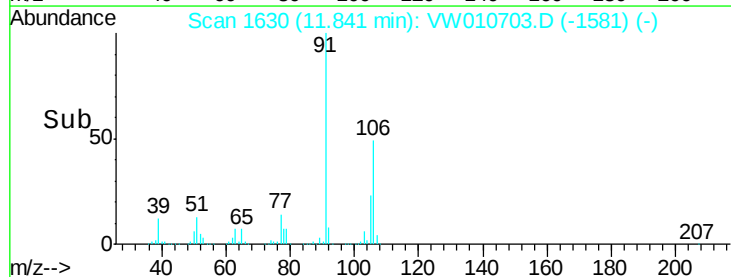
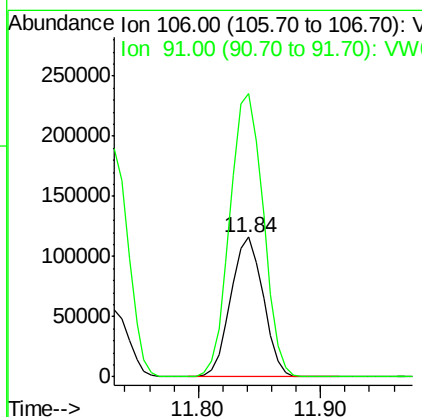
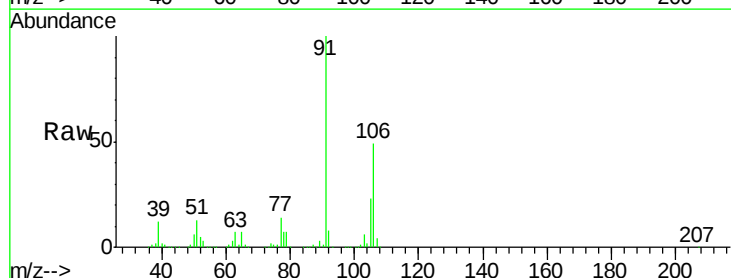
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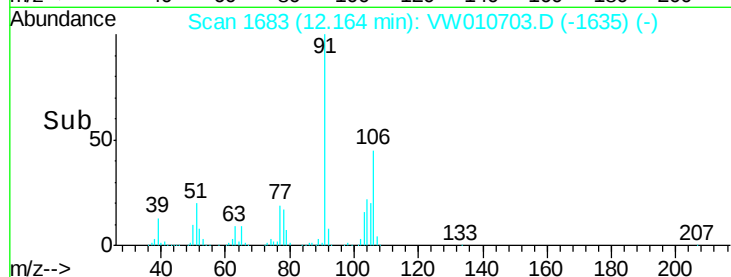
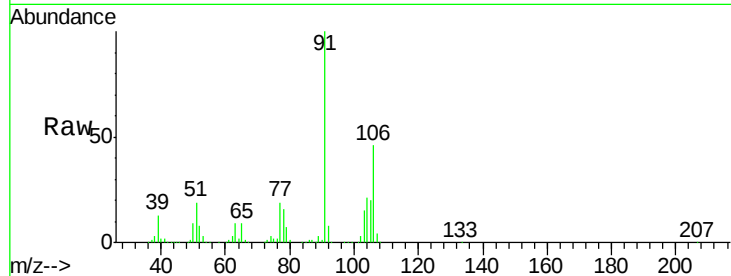
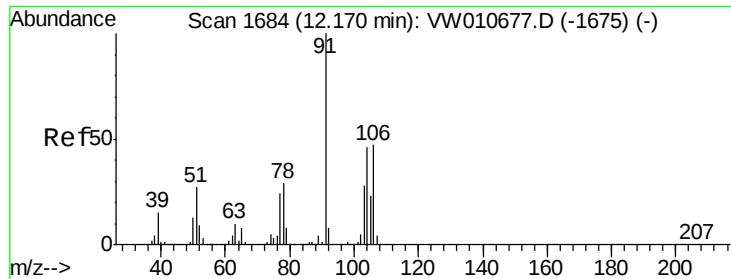
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6/7/2019 11:24:44 AM



#68
m/p-Xylenes
Concen: 39.872 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion: 106 Resp: 214210
Ion Ratio Lower Upper
106 100
91 208.0 166.5 249.7





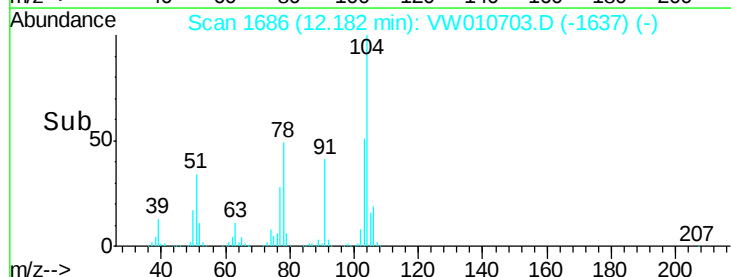
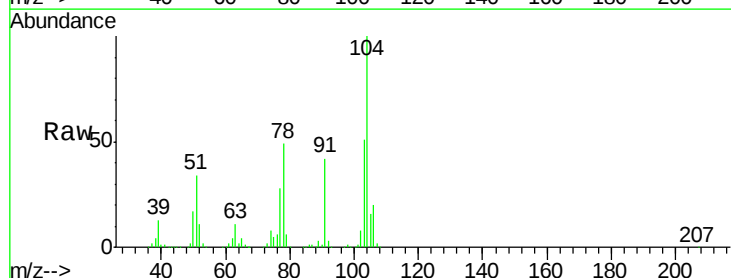
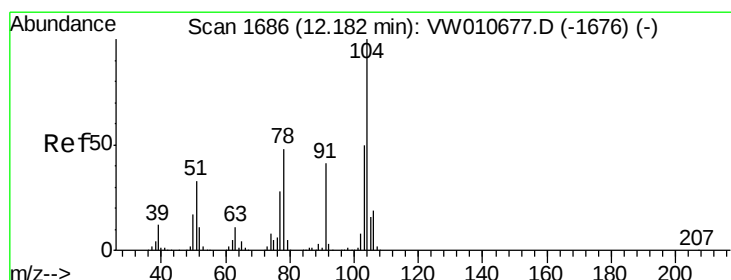
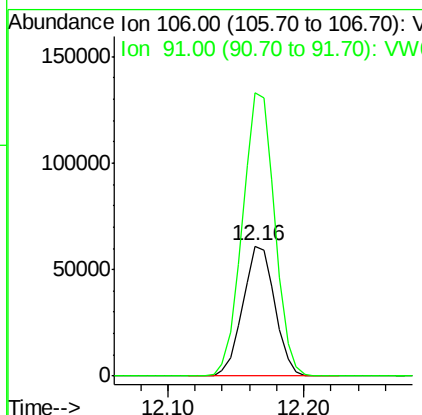
#69
o-Xylene
Concen: 19.657 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tot Ion	Ratio	Resp	Lower	Upper
106	100	100159		
91	220.2	108.9	326.6	

Instrument :
MSVOA_W
ClientSampled :
VW0606SBS01

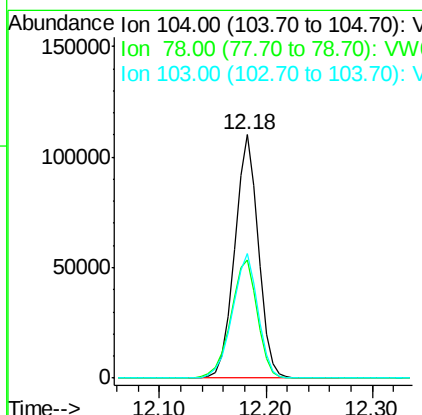
Manual Integrations
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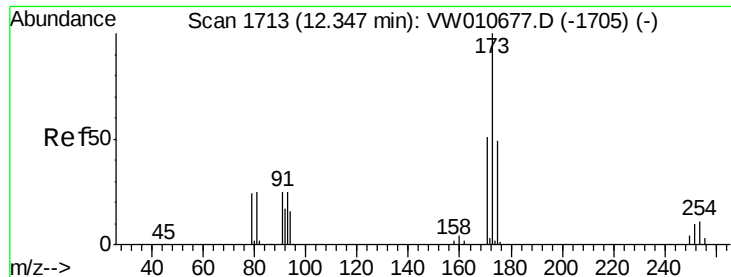
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#70
Styrene
Concen: 19.366 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	171418		
78	54.4	42.7	64.1	
103	55.1	43.6	65.4	





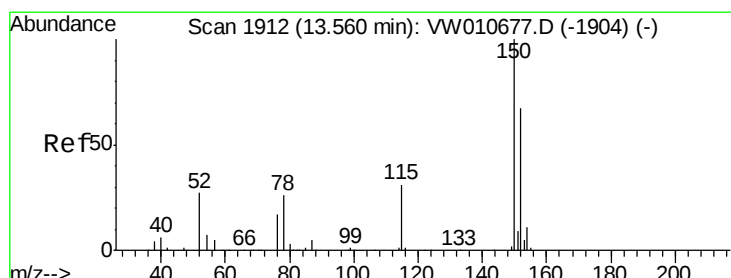
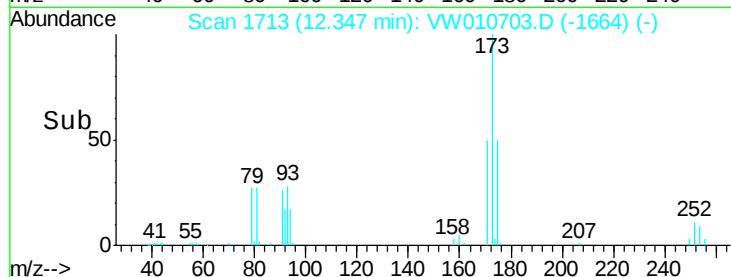
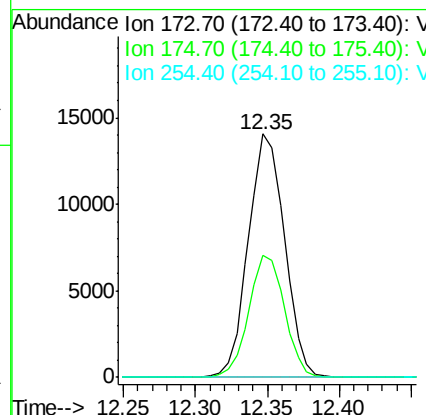
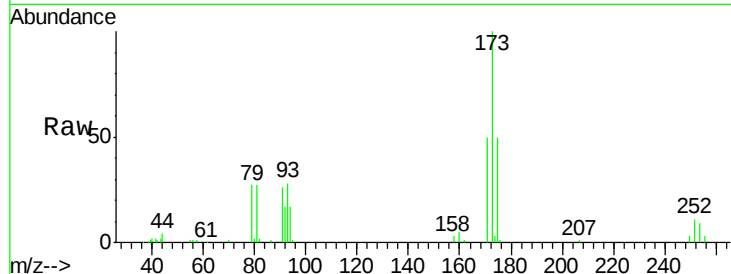
#71
Bromoform
Concen: 17.483 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.4	24.3	72.8
254	0.0	0.1	0.1#

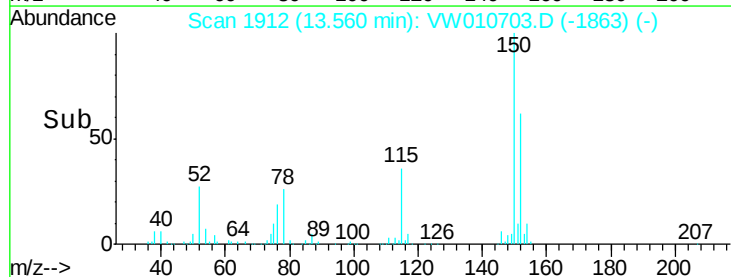
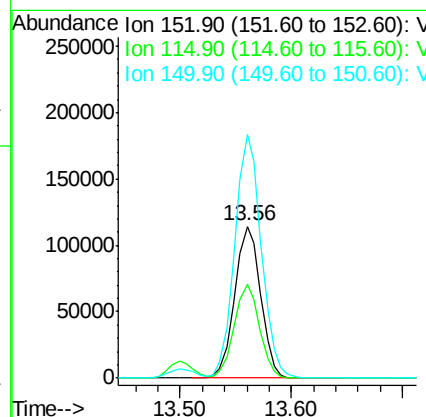
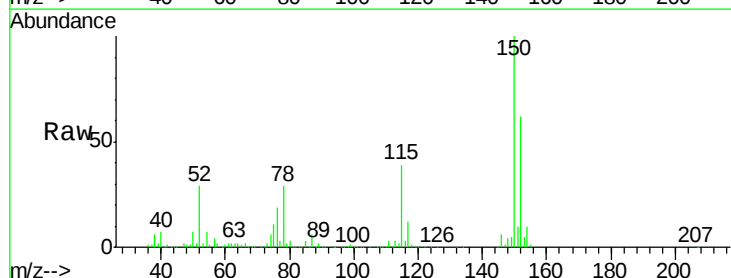
Manual Integrations
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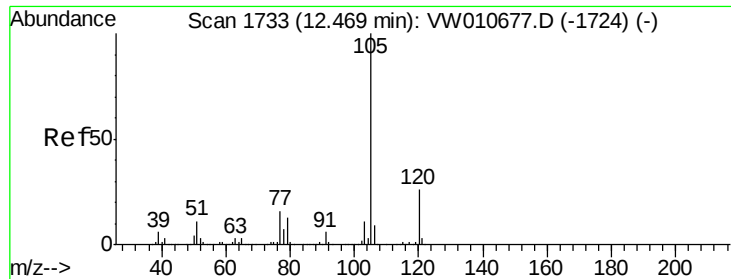
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.8	29.8	89.3
150	164.4	0.0	345.0





#73

Isopropylbenzene

Concen: 20.680 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion:105 Resp: 285122

Ion Ratio Lower Upper

105 100

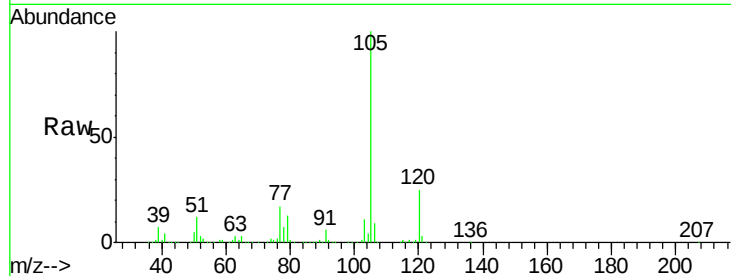
120 25.4 13.1 39.1

Manual Integrations

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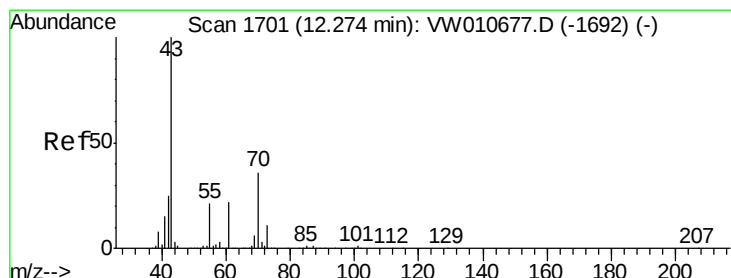
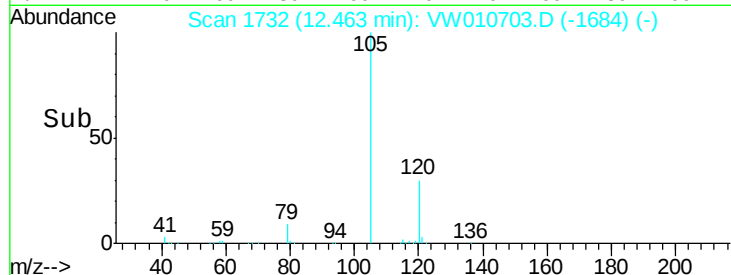
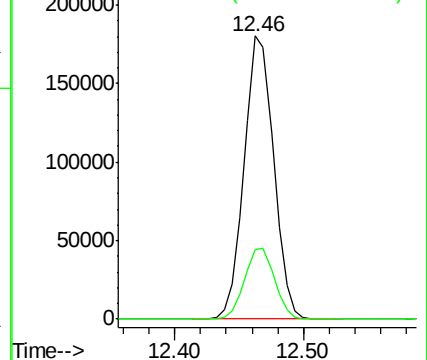
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.930 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion: 43 Resp: 75439

Ion Ratio Lower Upper

43 100

70 35.5 29.2 43.8

55 22.5 17.5 26.3

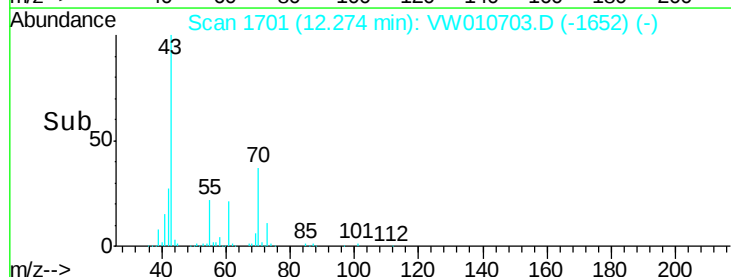
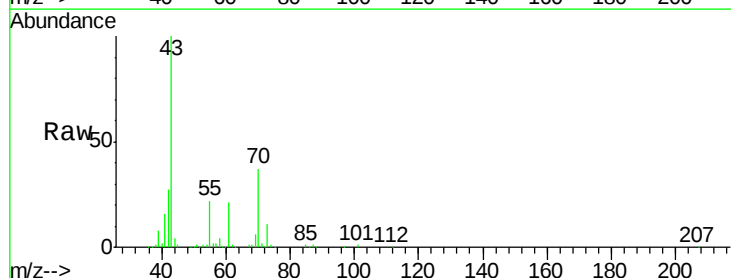
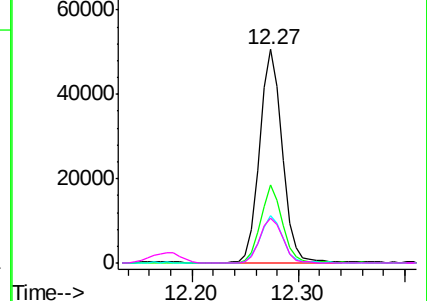
61 21.8 17.4 26.2

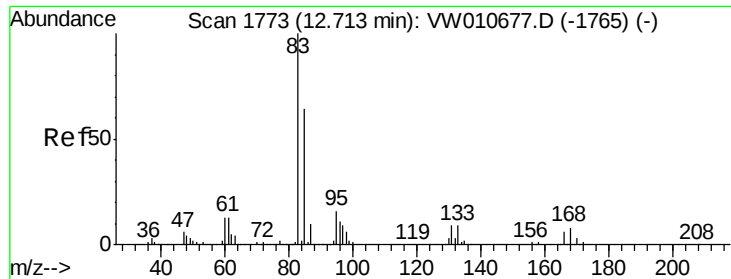
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 17.561 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

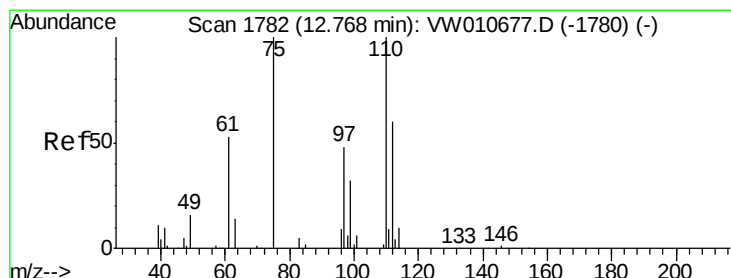
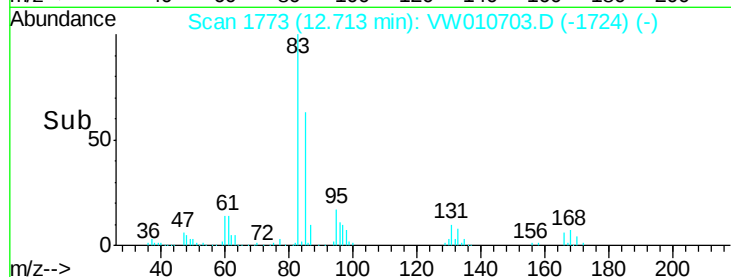
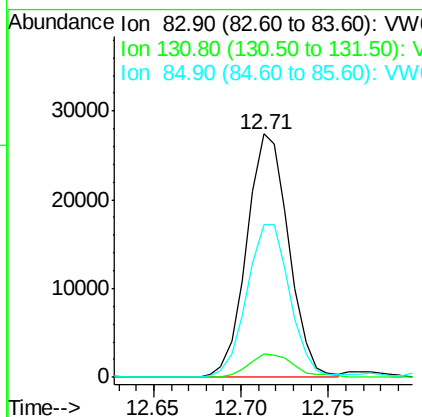
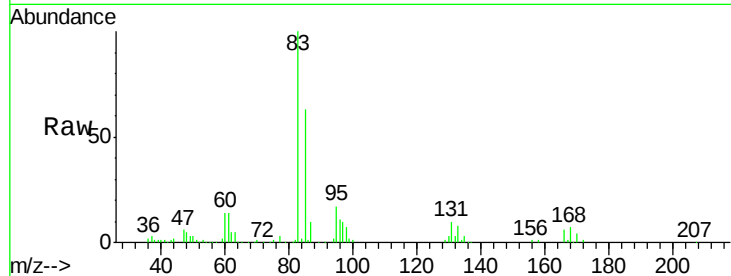
ClientSampleId :

VW0606SBS01

Tot Ion:	83	Resp:	46093
Ion Ratio	Lower	Upper	
83	100		
131	10.4	4.9	14.7
85	64.2	31.9	95.9

Manual Integrations
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6/7/2019 11:24:44 AM



#76

1,2,3-Trichloropropane

Concen: 17.689 ug/l m

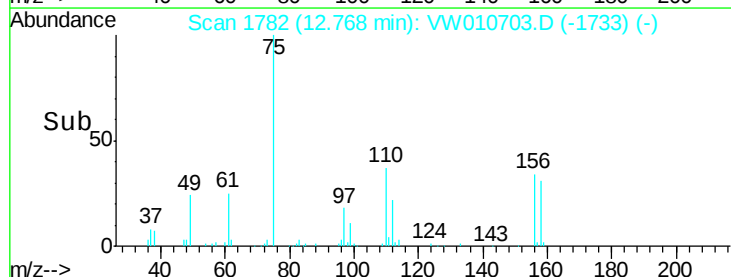
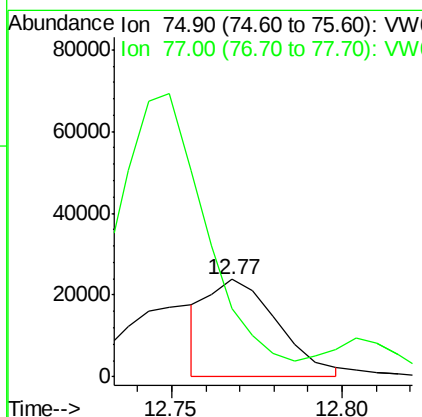
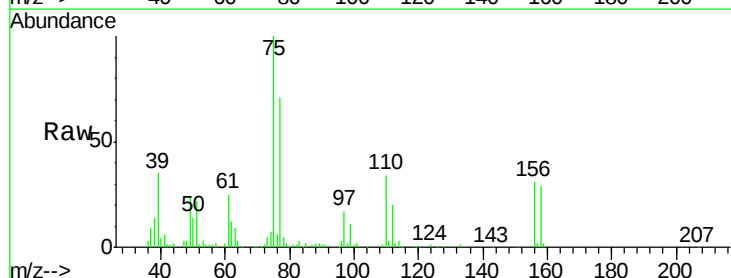
RT: 12.77 min Scan# 1782

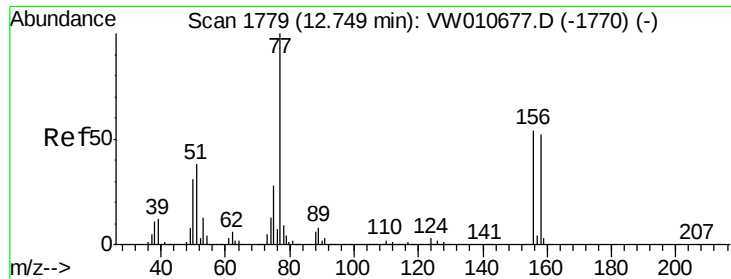
Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion:	75	Resp:	34081
Ion Ratio	Lower	Upper	
75	100		
77	373.1	0.0	0.0#





#77

Bromobenzene

Concen: 19.591 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

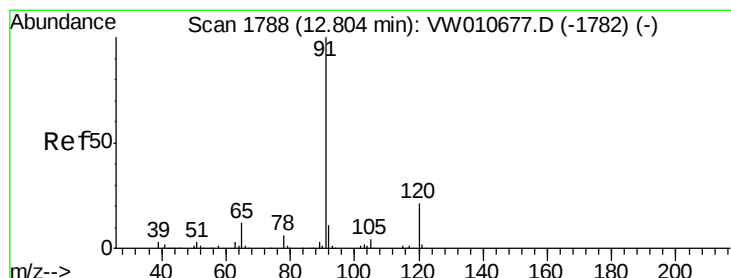
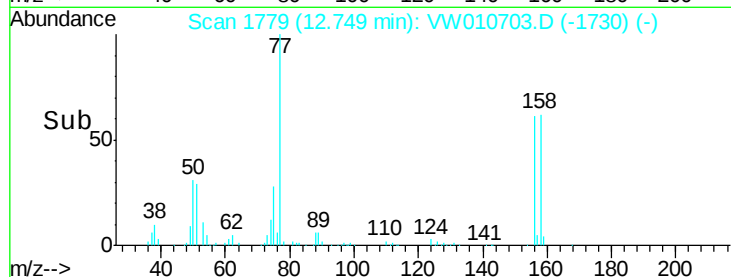
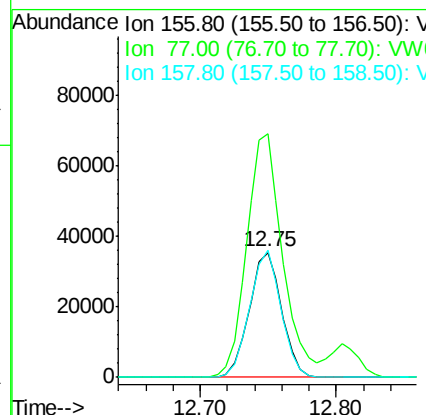
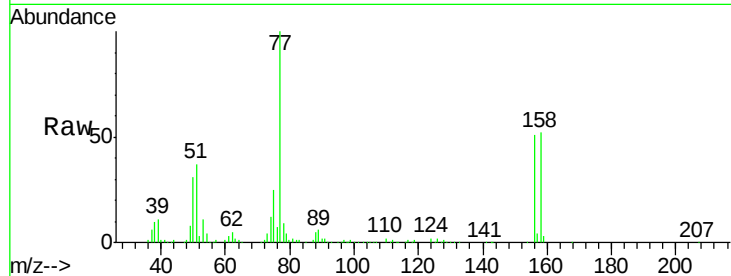
ClientSampleId :

VW0606SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	215.7	106.5	319.4
158	98.8	48.3	144.9

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#78

n-propylbenzene

Concen: 20.602 ug/l

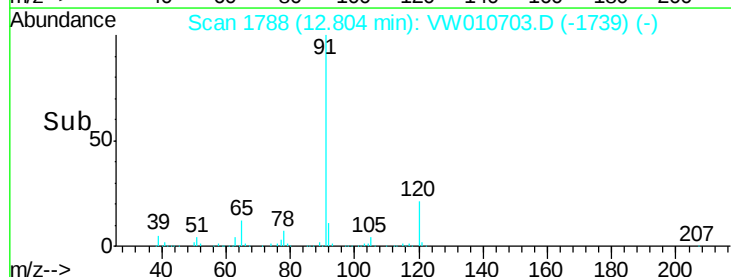
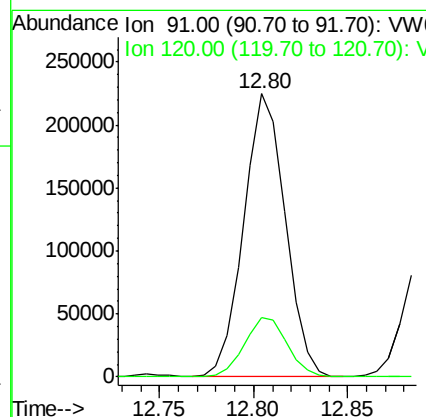
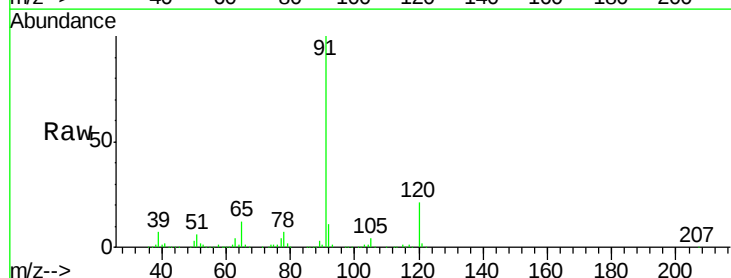
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	10.8	32.4





#79

2-Chlorotoluene

Concen: 20.299 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion: 91 Resp: 192799

Ion Ratio Lower Upper

91 100

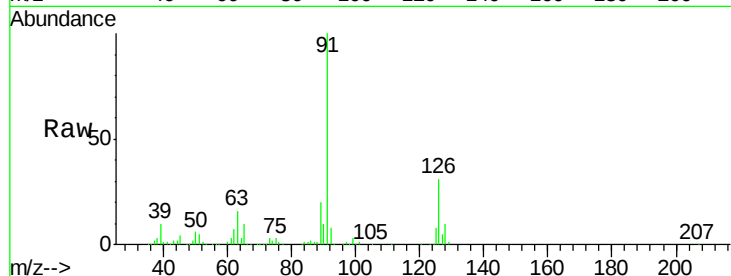
126 31.1 15.7 47.0

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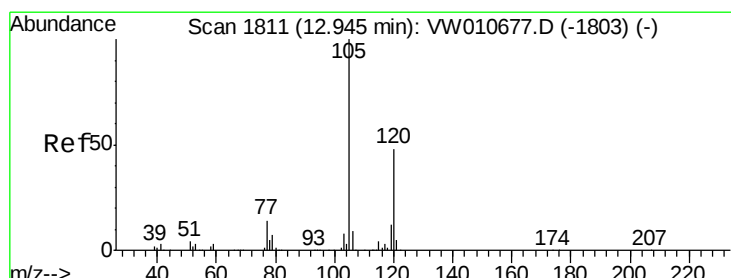
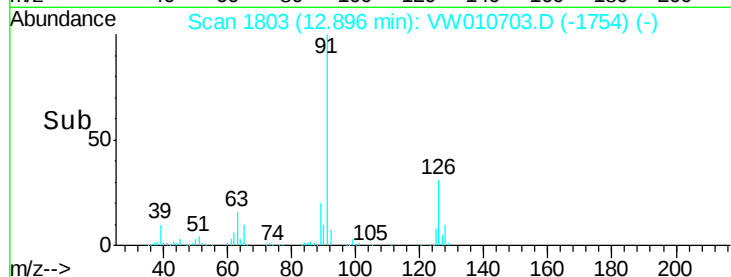
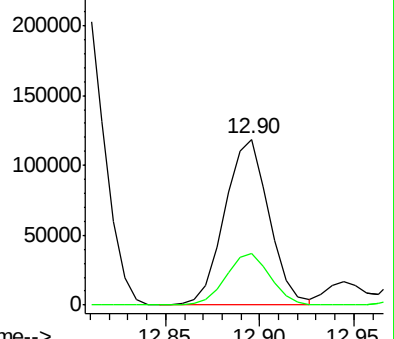
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.427 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010703.D

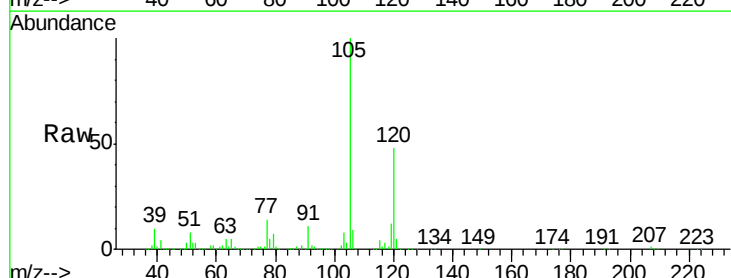
Acq: 06 Jun 2019 12:10

Tgt Ion:105 Resp: 230518

Ion Ratio Lower Upper

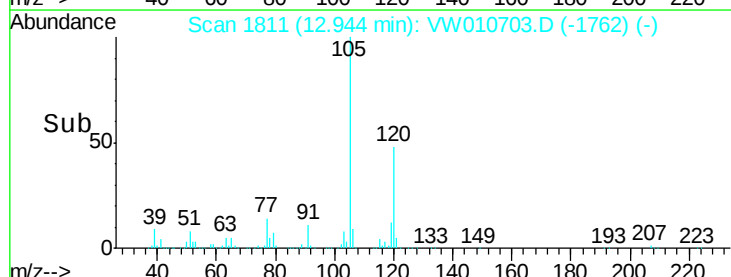
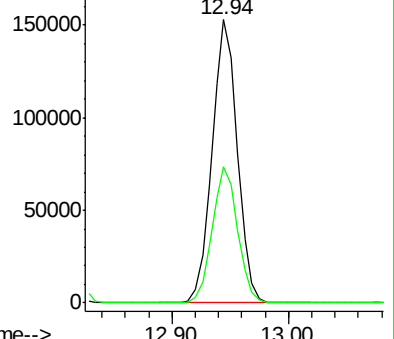
105 100

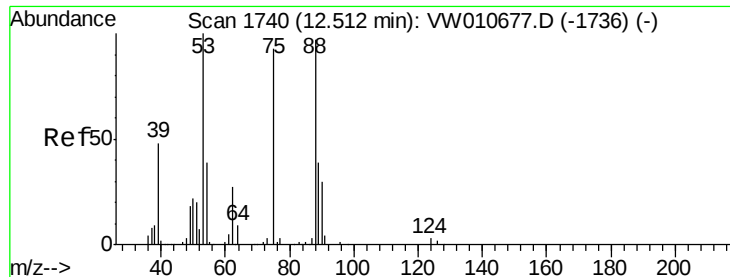
120 48.3 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.040 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

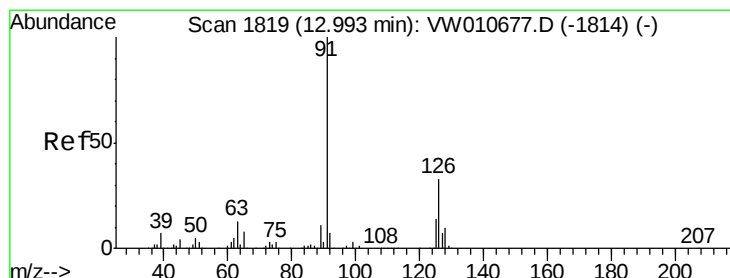
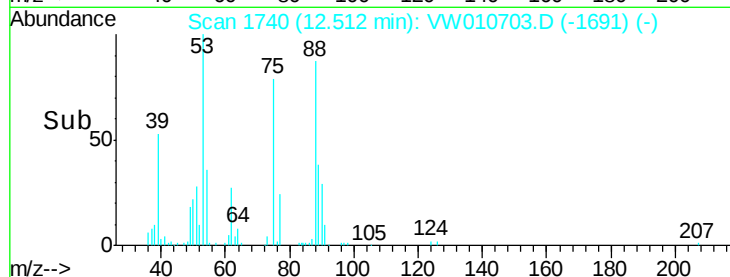
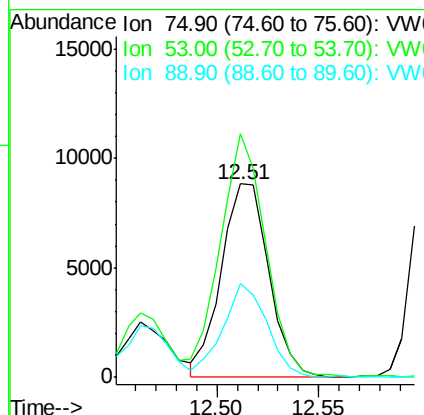
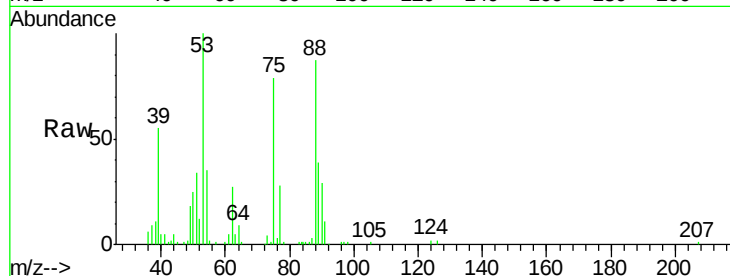
ClientSampled :

VW0606SBS01

Tot Ion:	75	Resp:	14285
Ion	Ratio	Lower	Upper
75	100		
53	121.5	90.1	135.1
89	45.2	34.6	52.0

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#82

4-Chlorotoluene

Concen: 20.220 ug/l

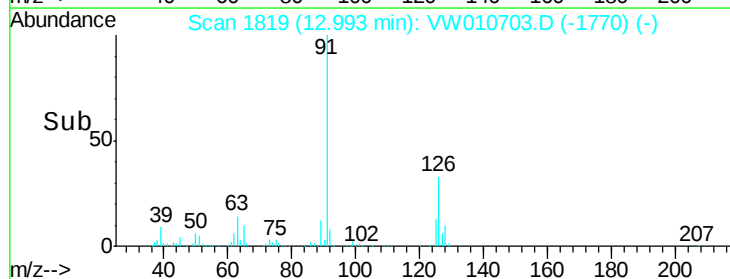
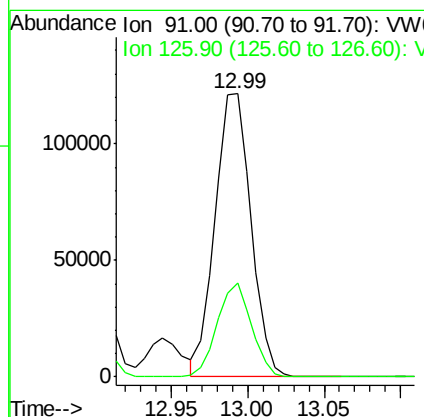
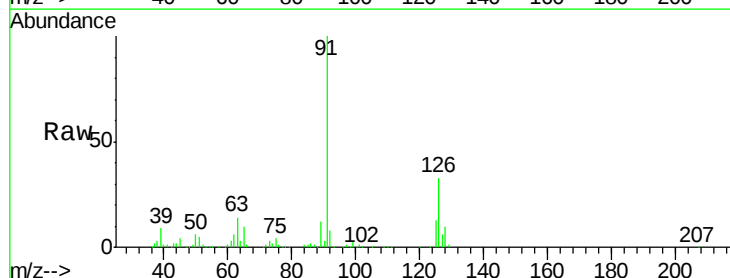
RT: 12.99 min Scan# 1819

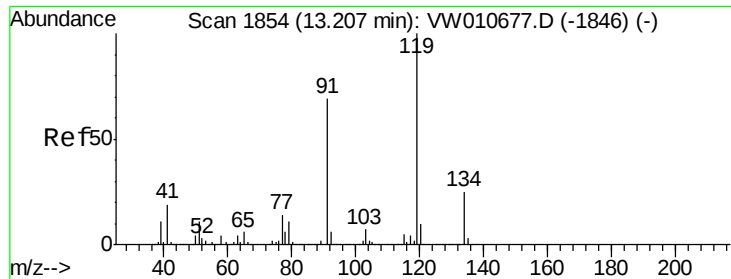
Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Tgt Ion:	91	Resp:	198190
Ion	Ratio	Lower	Upper
91	100		
126	31.7	15.9	47.7





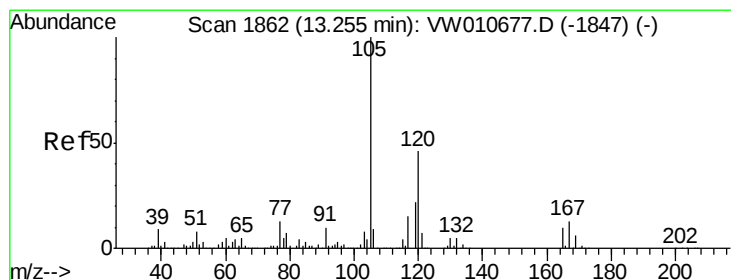
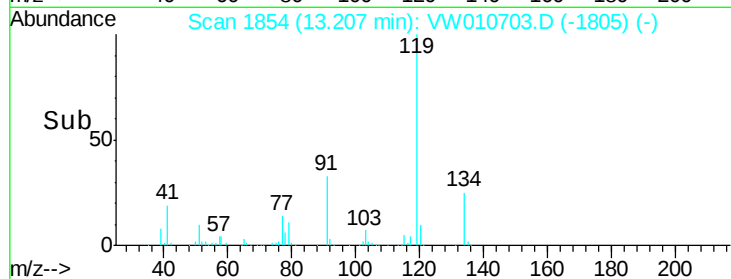
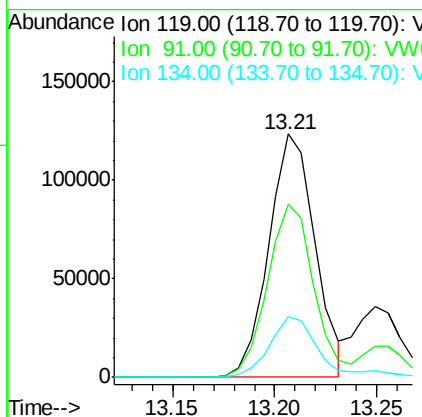
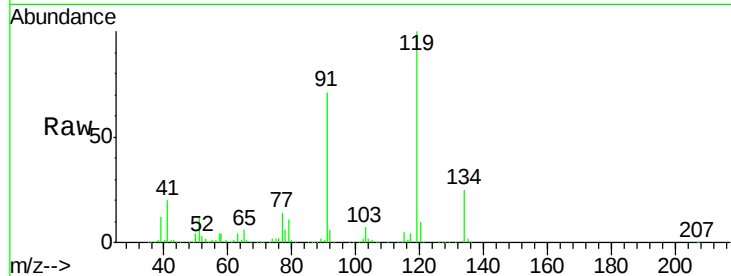
#83
tert-Butylbenzene
Concen: 20.352 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	194922		
91	71.7	35.1	105.3	
134	26.9	13.6	40.7	

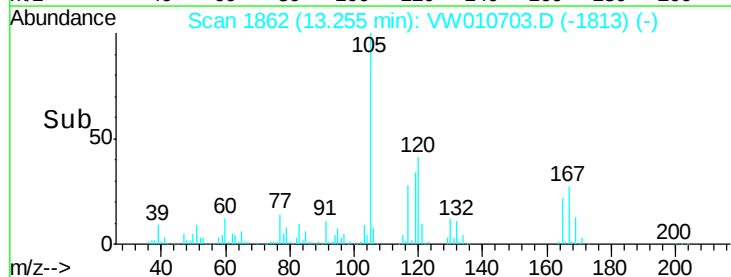
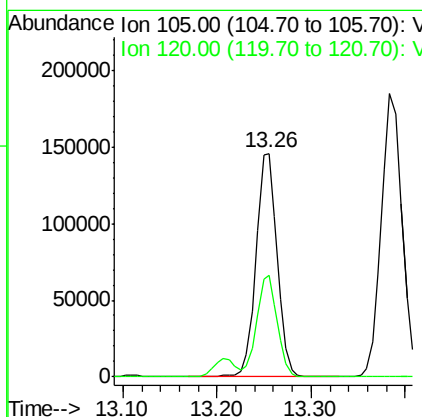
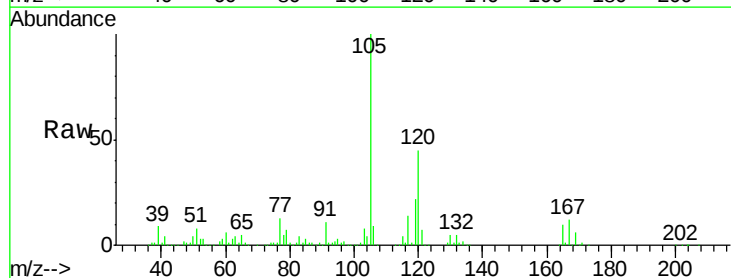
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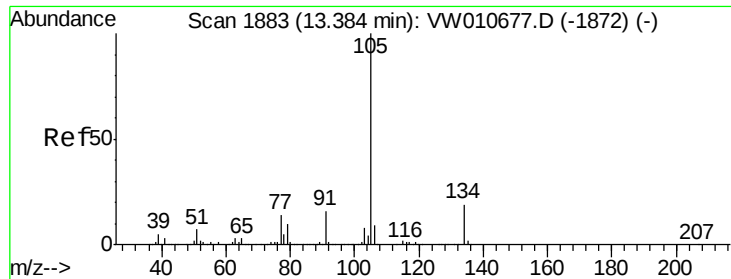
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#84
1,2,4-Trimethylbenzene
Concen: 20.348 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	231069		
120	44.2	22.5	67.5	





#85

sec-Butylbenzene

Concen: 20.358 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion:105 Resp: 283885

Ion Ratio Lower Upper

105 100

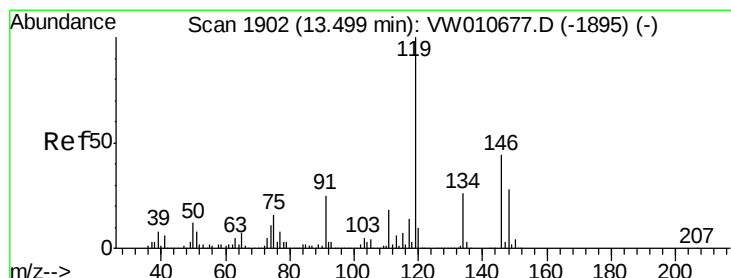
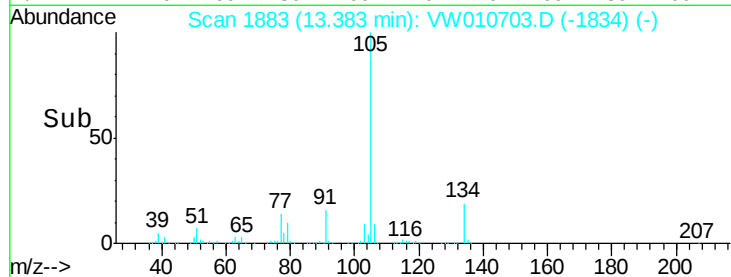
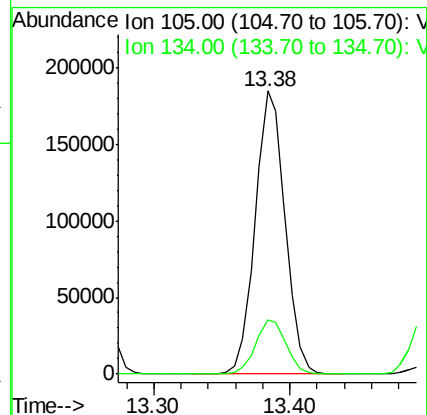
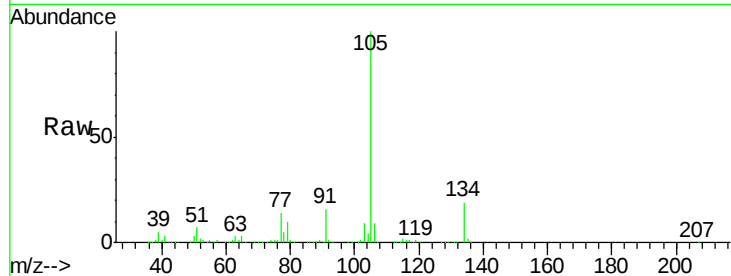
134 19.5 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 20.290 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010703.D

Acq: 06 Jun 2019 12:10

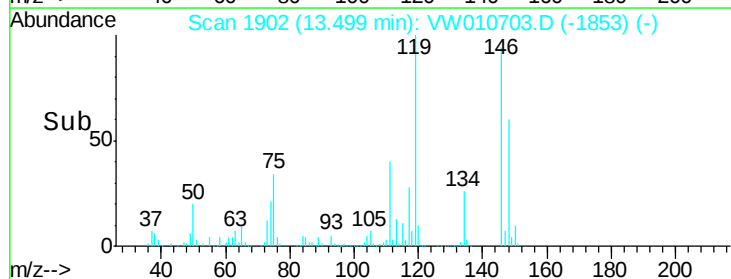
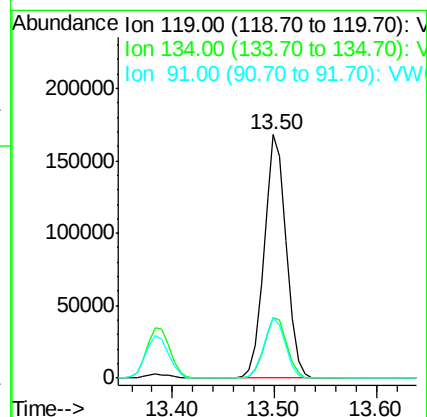
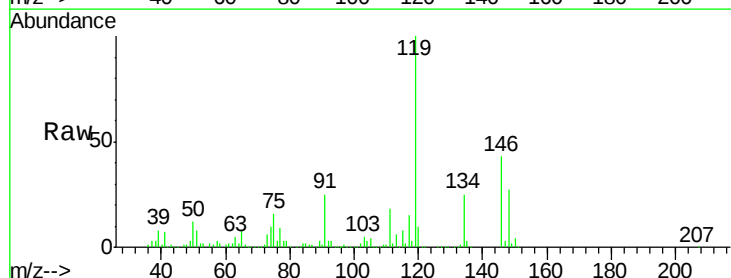
Tgt Ion:119 Resp: 253014

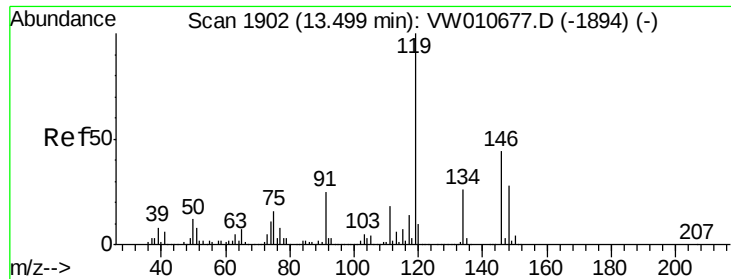
Ion Ratio Lower Upper

119 100

134 25.4 13.0 39.0

91 24.4 12.2 36.4





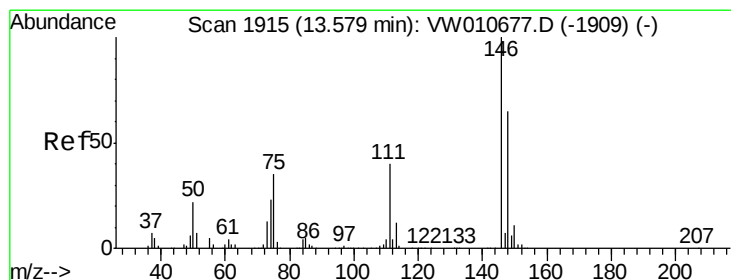
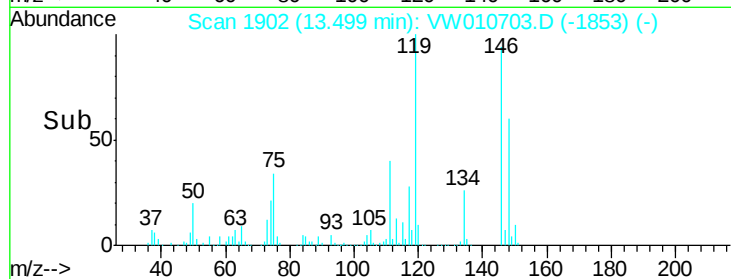
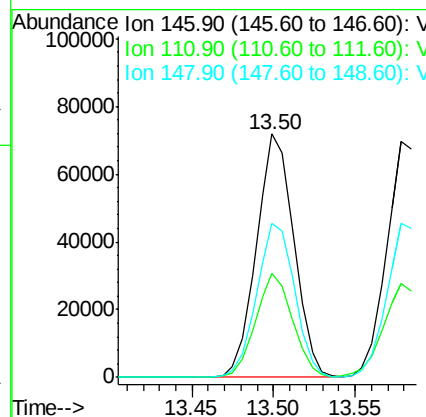
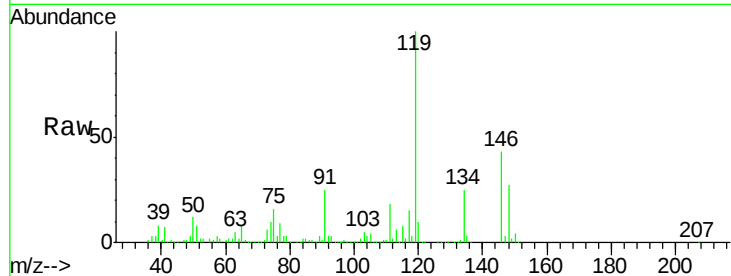
#87
 1,3-Dichlorobenzene
 Concen: 19.758 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	114669		
111	41.9	20.4	61.3	
148	63.9	31.5	94.5	

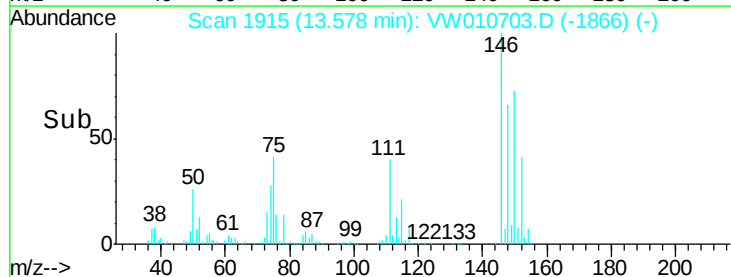
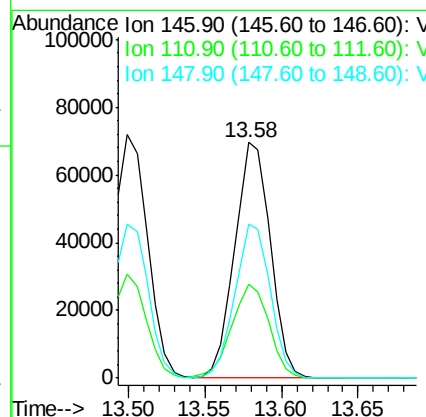
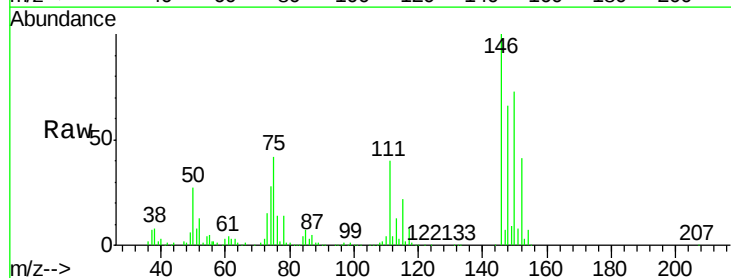
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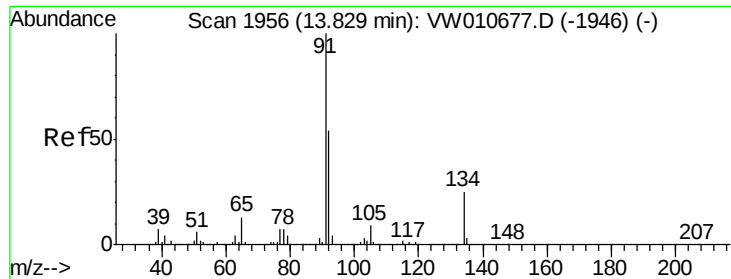
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#88
 1,4-Dichlorobenzene
 Concen: 19.602 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	112788		
111	41.6	20.3	60.9	
148	64.9	32.4	97.2	





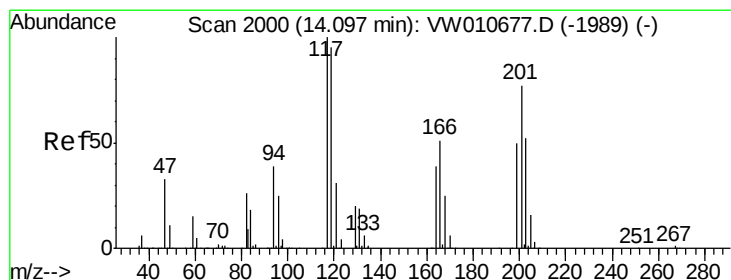
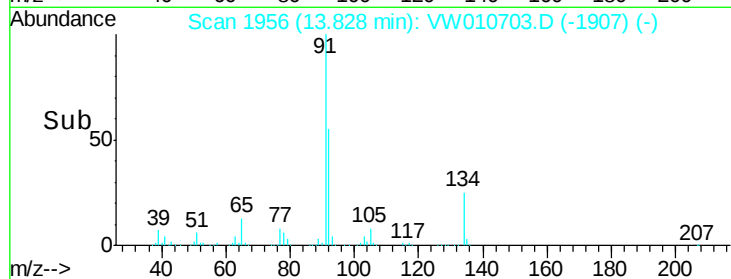
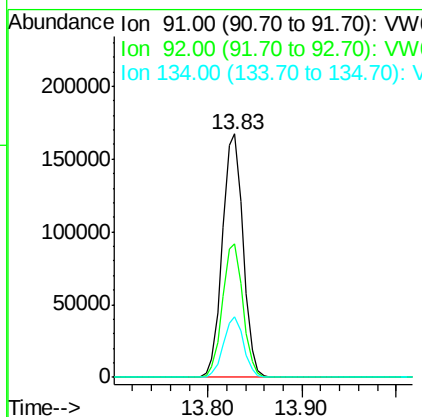
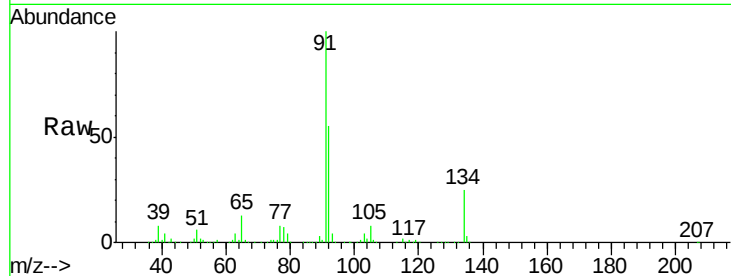
#89
n-Butylbenzene
Concen: 20.406 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	253890		
92	54.5		27.3	81.8
134	24.2		12.3	36.9

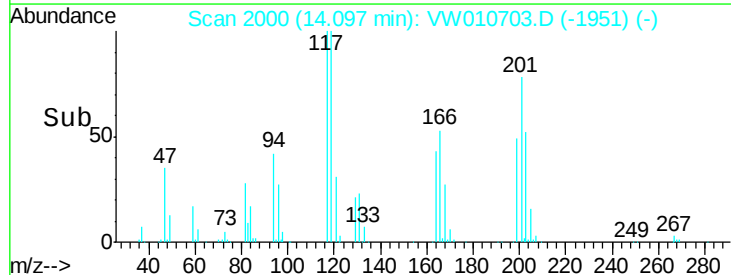
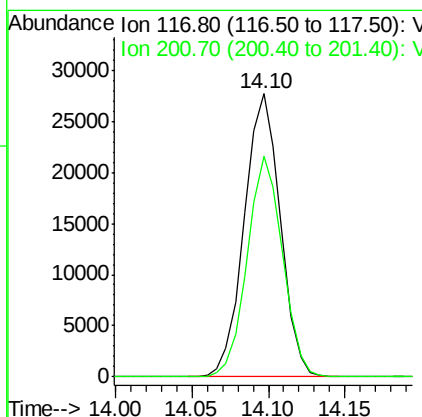
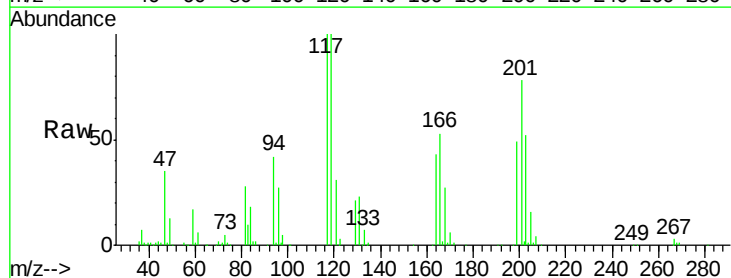
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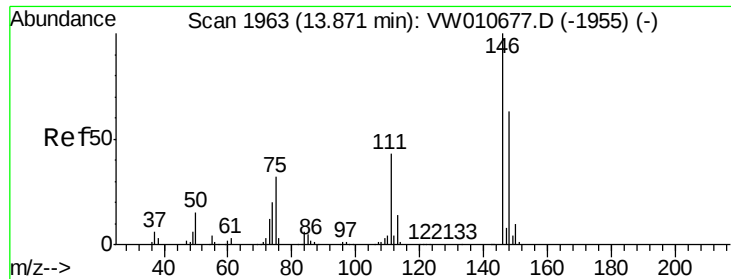
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#90
Hexachloroethane
Concen: 20.285 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	45299		
201	76.3		38.8	116.4





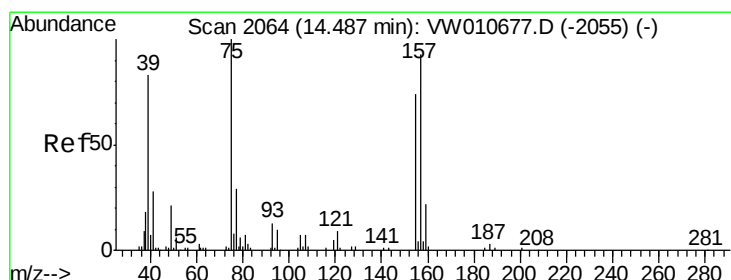
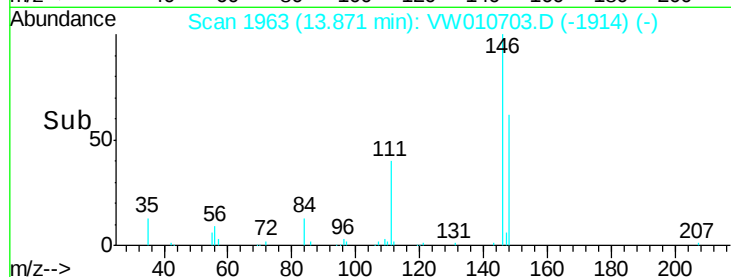
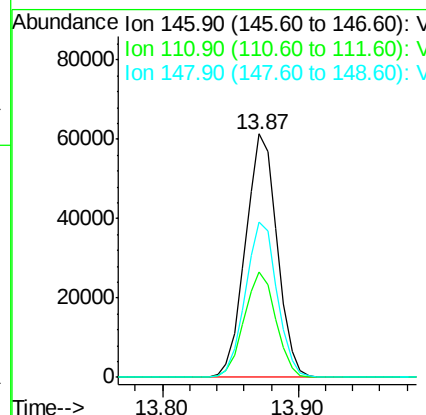
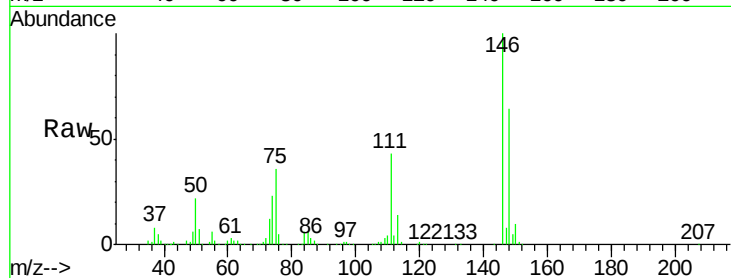
#91
 1,2-Dichlorobenzene
 Concen: 19.120 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.5	64.5
148	63.9	31.9	95.5

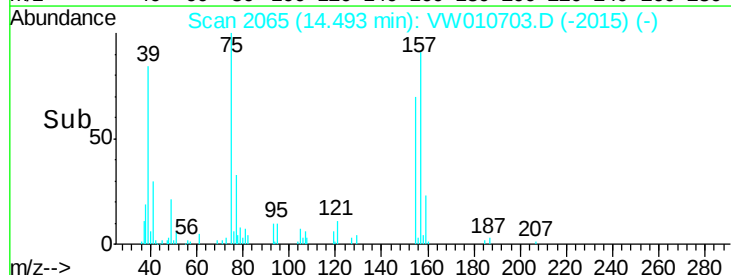
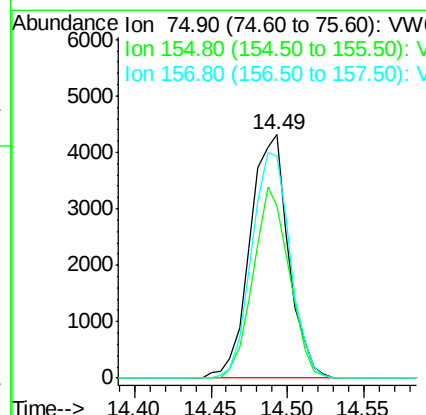
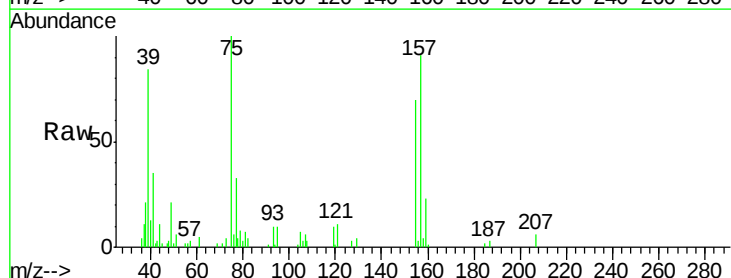
Manual Integrations
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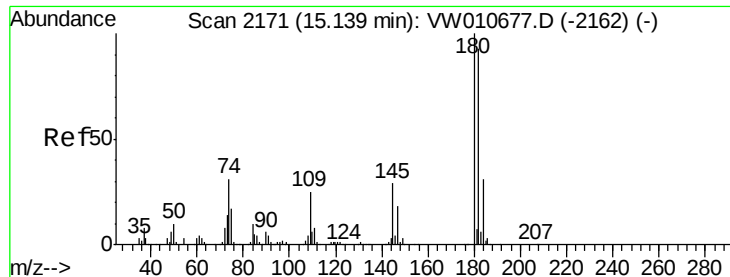
MMDadoda
 6/7/2019 11:24:44 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.746 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.4	38.8	116.4
157	92.5	48.4	145.0





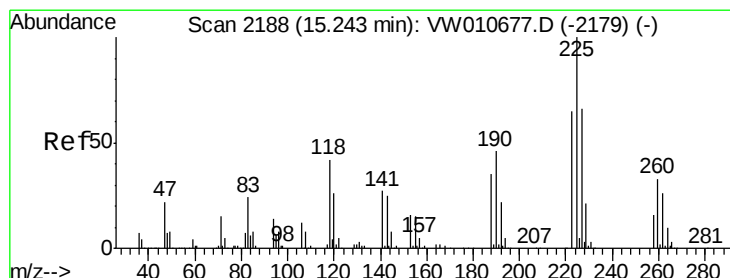
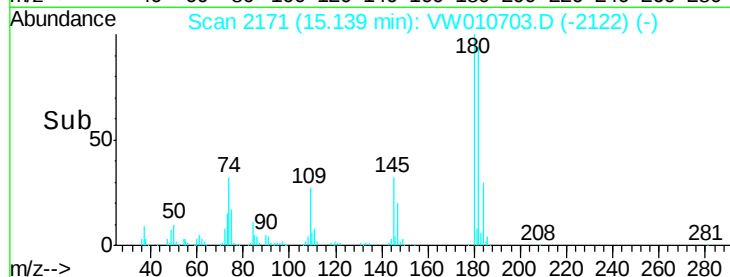
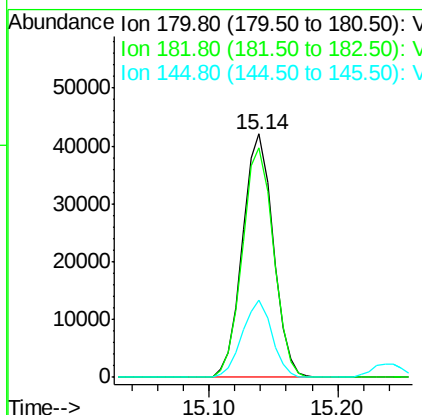
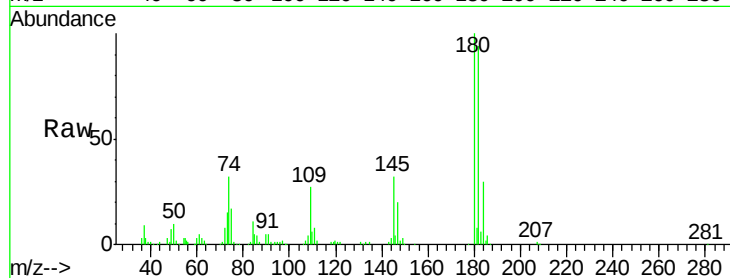
#93
 1,2,4-Trichlorobenzene
 Concen: 18.864 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	69093		
182	95.3		47.1	141.4
145	30.7		15.2	45.5

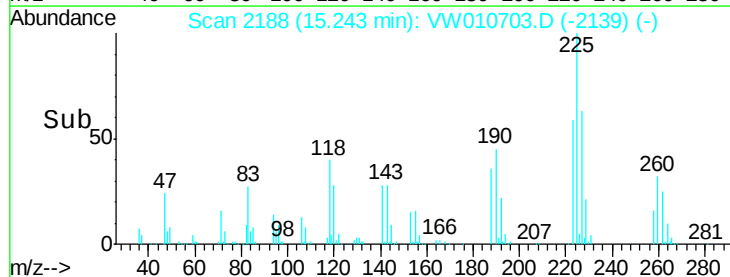
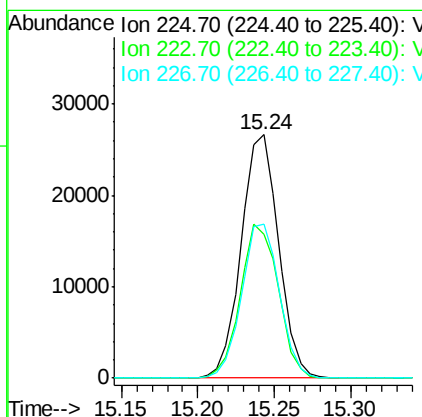
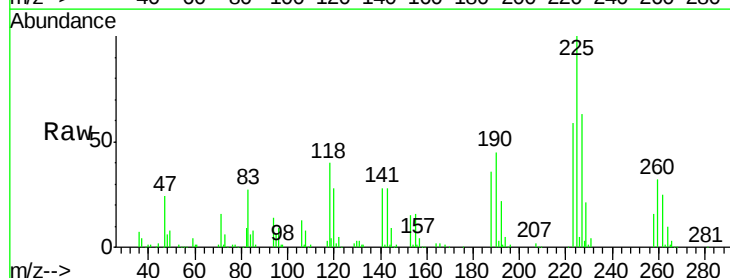
Manual Integrations
 APPROVED

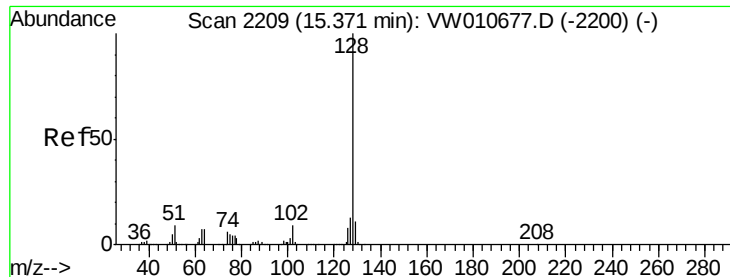
MMDadoda
 6/7/2019 11:24:44 AM



#94
 Hexachlorobutadiene
 Concen: 19.687 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010703.D
 Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45255		
223	64.0		32.2	96.6
227	63.9		32.0	96.0





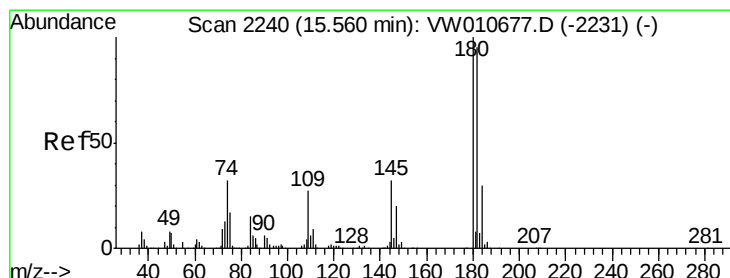
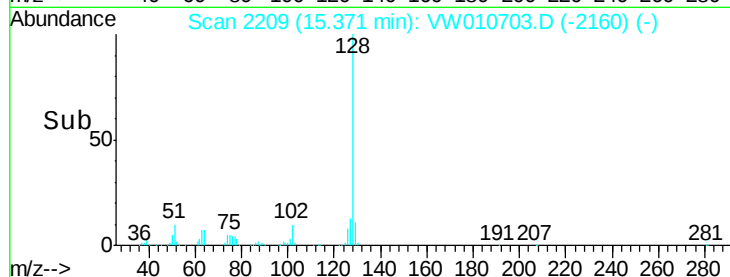
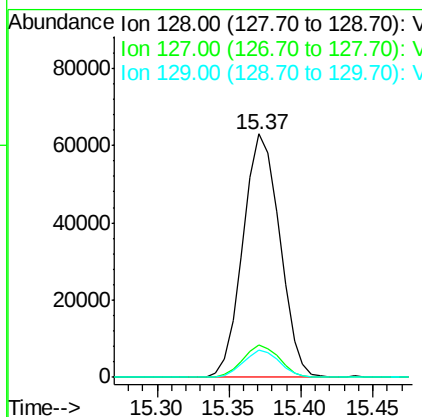
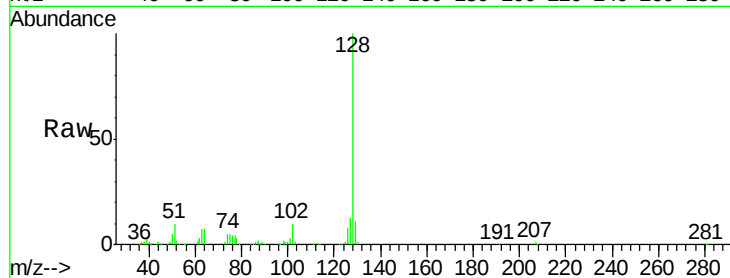
#95
Naphthalene
Concen: 16.803 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/7/2019 11:24:44 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.204 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010703.D
Acq: 06 Jun 2019 12:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.0	141.0
145	32.3	16.1	48.3

