

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060619\
 Data File : VW010704.D
 Acq On : 06 Jun 2019 12:36
 Operator : SY/VA
 Sample : VW0606SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/7/2019 11:24:49 AM

Quant Time: Jun 07 08:14:07 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	278765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	450974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	403439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	193602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	164062	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
35) Dibromofluoromethane	7.88	113	129146	52.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.52%	
50) Toluene-d8	10.32	98	540988	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	200199	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	50672	19.670	ug/l 99
3) Chloromethane	2.21	50	72376	19.096	ug/l 97
4) Vinyl Chloride	2.35	62	66100	18.877	ug/l 98
5) Bromomethane	2.74	94	36055	18.750	ug/l 98
6) Chloroethane	2.90	64	39755	18.914	ug/l 100
7) Trichlorofluoromethane	3.25	101	91521	20.134	ug/l 100
8) Diethyl Ether	3.68	74	31337	19.291	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	55381	19.817	ug/l 99
10) Methyl Iodide	4.26	142	45670	19.140	ug/l 98
11) Tert butyl alcohol	5.17	59	36797	137.466	ug/l 95
12) 1,1-Dichloroethene	4.03	96	52287	19.395	ug/l 97
13) Acrolein	3.89	56	10034	91.733	ug/l 98
14) Allyl chloride	4.67	41	120026	20.192	ug/l 98
15) Acrylonitrile	5.37	53	76520	96.962	ug/l 99
16) Acetone	4.12	43	82609	93.831	ug/l 99
17) Carbon Disulfide	4.37	76	166245	19.426	ug/l 100
18) Methyl Acetate	4.67	43	35581	18.775	ug/l 97
19) Methyl tert-butyl Ether	5.43	73	150965	19.416	ug/l 97
20) Methylene Chloride	4.92	84	60092	19.456	ug/l 98
21) trans-1,2-Dichloroethene	5.42	96	60435	19.748	ug/l 99
22) Diisopropyl ether	6.31	45	239116	20.093	ug/l 98
23) Vinyl Acetate	6.26	43	716822	99.810	ug/l 100
24) 1,1-Dichloroethane	6.21	63	119337	20.010	ug/l 98
25) 2-Butanone	7.17	43	121725	99.709	ug/l 100
26) 2,2-Dichloropropane	7.17	77	103429	21.313	ug/l 98
27) cis-1,2-Dichloroethene	7.17	96	66238	19.667	ug/l 96
28) Bromochloromethane	7.51	49	53597	20.138	ug/l 98
29) Tetrahydrofuran	7.53	42	73861	96.189	ug/l 100
30) Chloroform	7.68	83	108144	19.825	ug/l 98
31) Cyclohexane	7.95	56	130827	19.734	ug/l 97
32) 1,1,1-Trichloroethane	7.87	97	95084	19.955	ug/l 99
36) 1,1-Dichloropropene	8.08	75	93513	20.257	ug/l 100
37) Ethyl Acetate	7.25	43	50990	19.933	ug/l 100
38) Carbon Tetrachloride	8.07	117	80438	20.185	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	117814	20.076	ug/l	99
40) Benzene	8.32	78	251282	19.954	ug/l	100
41) Methacrylonitrile	7.48	41	29800	19.599	ug/l	99
42) 1,2-Dichloroethane	8.40	62	80204	20.067	ug/l	99
43) Isopropyl Acetate	8.43	43	97548	19.739	ug/l	100
44) Trichloroethene	9.09	130	60426	19.452	ug/l	97
45) 1,2-Dichloropropane	9.37	63	67166	20.148	ug/l	98
46) Dibromomethane	9.46	93	30282	19.557	ug/l	99
47) Bromodichloromethane	9.65	83	79483	19.803	ug/l	96
48) Methyl methacrylate	9.43	41	46642	19.575	ug/l	99
49) 1,4-Dioxane	9.45	88	9660	399.038	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	251323	99.545	ug/l	100
52) Toluene	10.39	92	155138	20.022	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	84405	19.854	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	100304	20.051	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	43450	19.479	ug/l	97
56) Ethyl methacrylate	10.65	69	67522	19.672	ug/l	98
57) 1,3-Dichloropropane	10.93	76	82905	19.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	179119	99.634	ug/l	100
59) 2-Hexanone	10.97	43	178310	97.722	ug/l	99
60) Dibromochloromethane	11.13	129	47643	19.268	ug/l	98
61) 1,2-Dibromoethane	11.24	107	41818	19.787	ug/l	98
64) Tetrachloroethene	10.86	164	52003	19.414	ug/l	99
65) Chlorobenzene	11.66	112	156907	19.778	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	53196	19.370	ug/l	98
67) Ethyl Benzene	11.73	91	301063	19.745	ug/l	99
68) m/p-Xylenes	11.84	106	216741	39.710	ug/l	99
69) o-Xylene	12.16	106	101270	19.563	ug/l	97
70) Styrene	12.18	104	175703	19.539	ug/l	99
71) Bromoform	12.35	173	26594	18.723	ug/l #	100
73) Isopropylbenzene	12.46	105	286796	19.713	ug/l	99
74) N-amyl acetate	12.27	43	91283	19.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	52255	18.867	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39306m	19.333	ug/l	
77) Bromobenzene	12.75	156	61856	19.478	ug/l	98
78) n-propylbenzene	12.80	91	351342	20.028	ug/l	100
79) 2-Chlorotoluene	12.90	91	197590	19.715	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	236705	19.878	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16396	18.535	ug/l	96
82) 4-Chlorotoluene	12.99	91	204476	19.770	ug/l	100
83) tert-Butylbenzene	13.21	119	199155	19.706	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	236121	19.705	ug/l	100
85) sec-Butylbenzene	13.38	105	290964	19.774	ug/l	100
86) p-Isopropyltoluene	13.50	119	261189	19.850	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	120734	19.714	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	120237	19.804	ug/l	98
89) n-Butylbenzene	13.83	91	265055	20.189	ug/l	99
90) Hexachloroethane	14.10	117	45957	19.503	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	106728	19.379	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9098	19.129	ug/l	96

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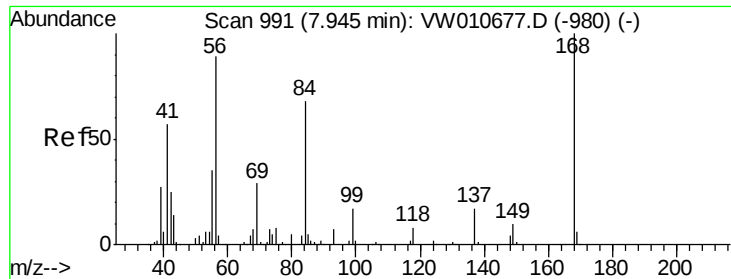
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	76805	19.873	ug/l	98
94) Hexachlorobutadiene	15.24	225	48408	19.957	ug/l	100
95) Naphthalene	15.37	128	132140	18.818	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	65057	19.793	ug/l	99

(#) = 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: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion:168 Resp: 278765

Ion Ratio Lower Upper

168 100

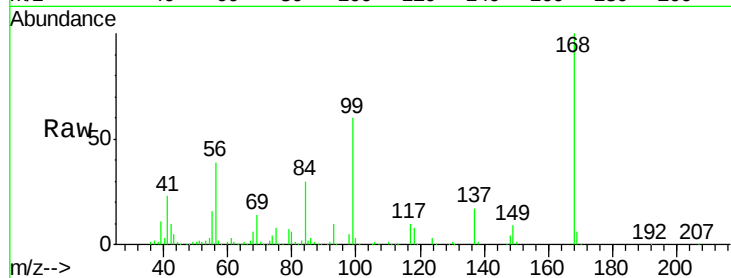
99 60.1 47.7 71.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

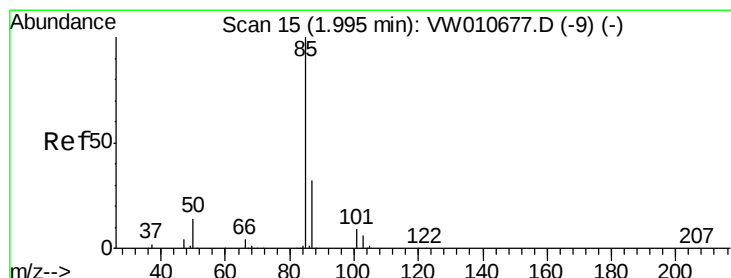
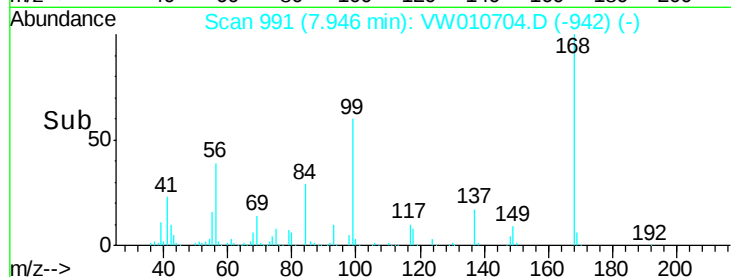
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.670 ug/l

RT: 2.00 min Scan# 15

Delta R.T. 0.00 min

Lab File: VW010704.D

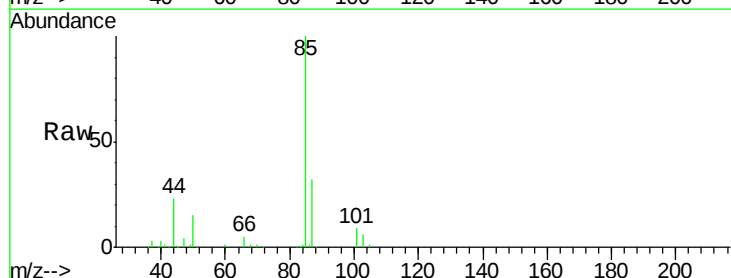
Acq: 06 Jun 2019 12:36

Tgt Ion: 85 Resp: 50672

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

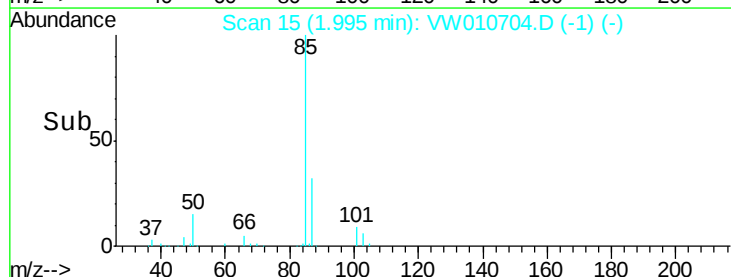
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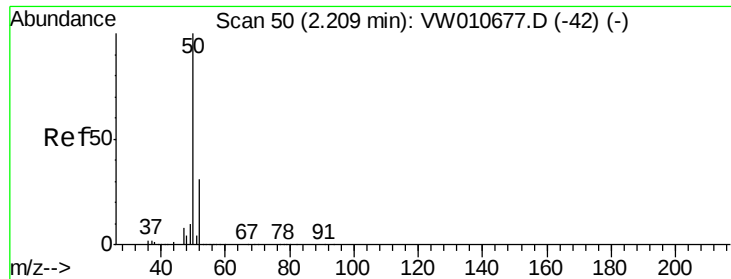
20000

10000

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Time-->





#3

Chloromethane

Concen: 19.096 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion: 50 Resp: 72376

Ion Ratio Lower Upper

50 100

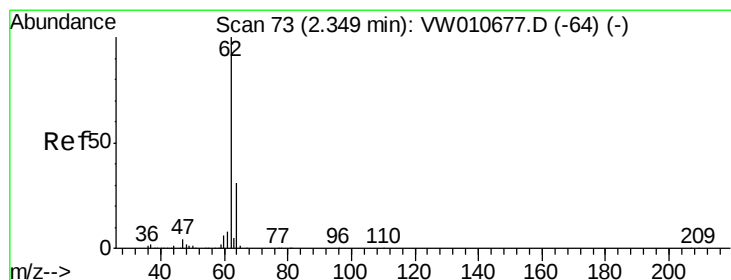
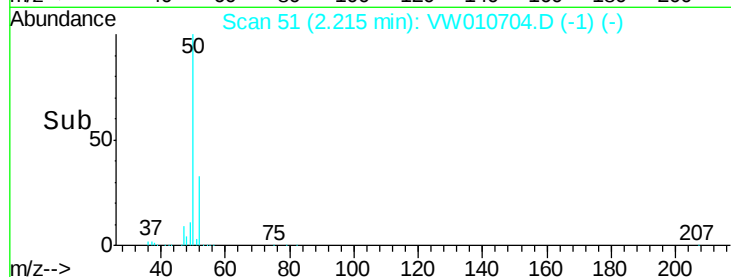
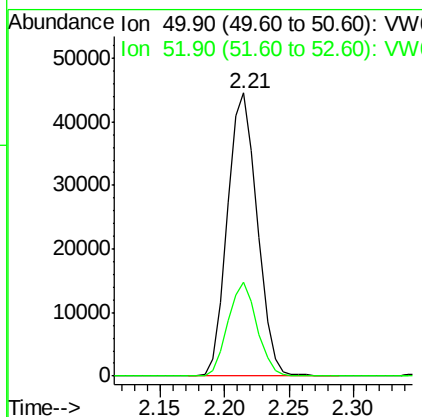
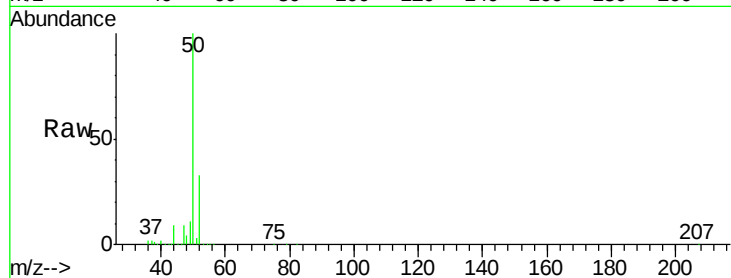
52 33.4 25.2 37.8

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#4

Vinyl Chloride

Concen: 18.877 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VW010704.D

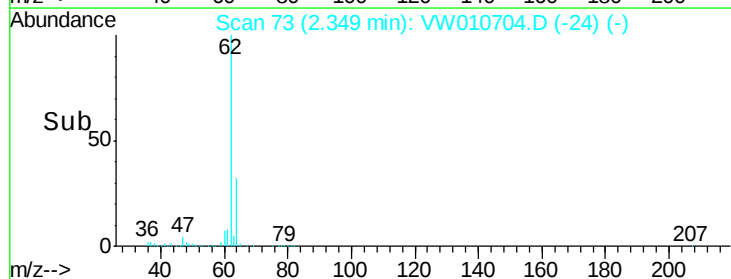
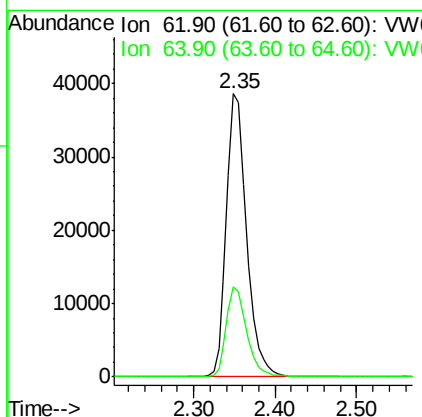
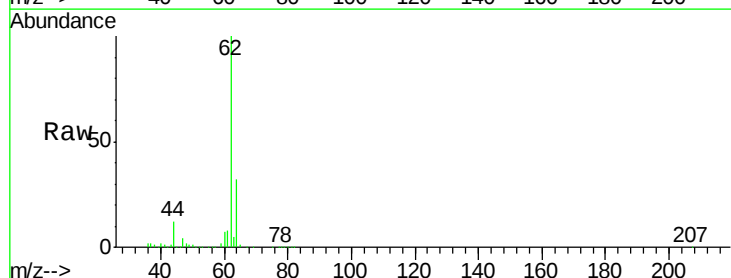
Acq: 06 Jun 2019 12:36

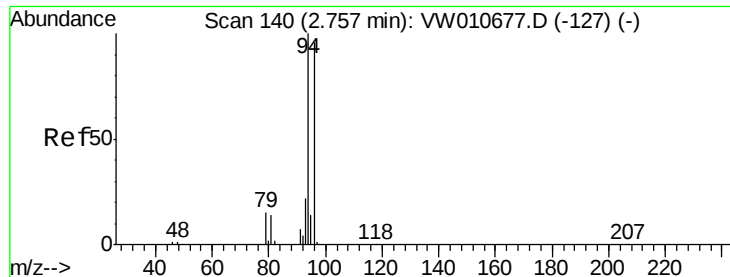
Tgt Ion: 62 Resp: 66100

Ion Ratio Lower Upper

62 100

64 31.6 24.5 36.7





#5

Bromomethane

Concen: 18.750 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

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VW0606SBS01

Tot Ion: 94 Resp: 36055

Ion Ratio Lower Upper

94 100

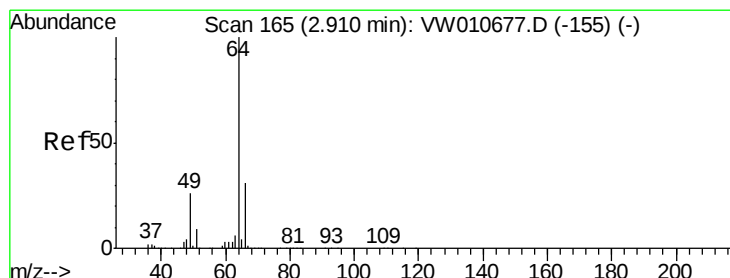
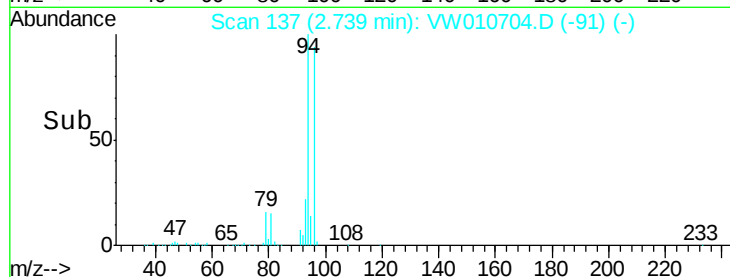
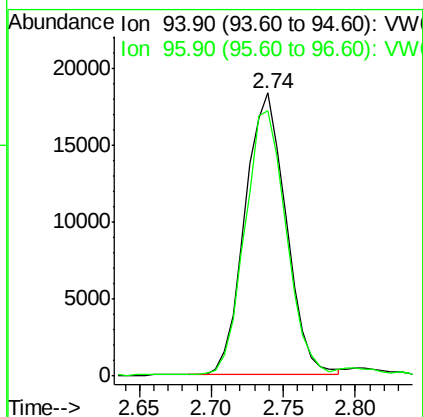
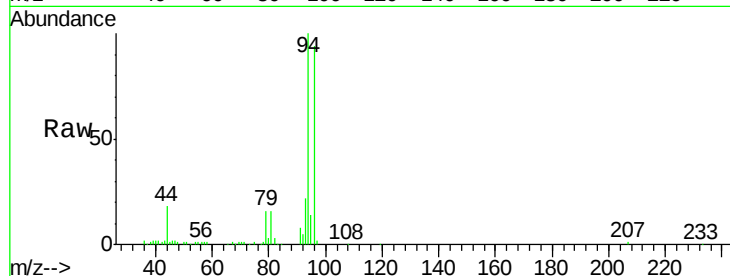
96 93.5 76.5 114.7

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#6

Chloroethane

Concen: 18.914 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010704.D

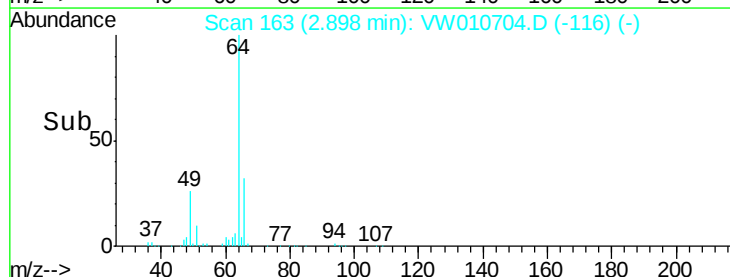
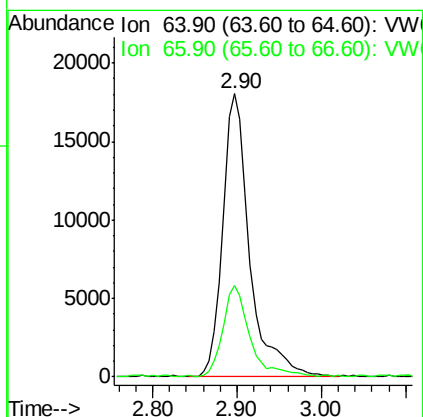
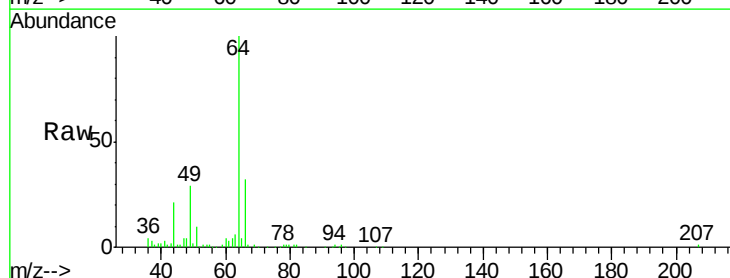
Acq: 06 Jun 2019 12:36

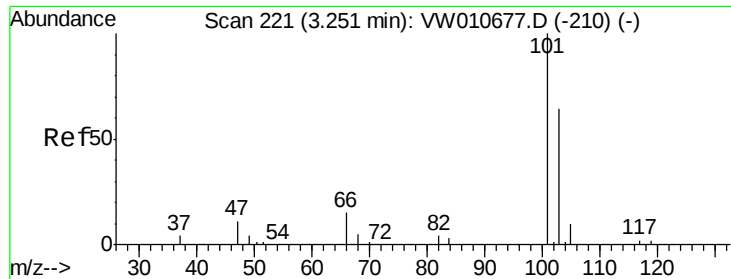
Tgt Ion: 64 Resp: 39755

Ion Ratio Lower Upper

64 100

66 31.7 25.1 37.7





#7

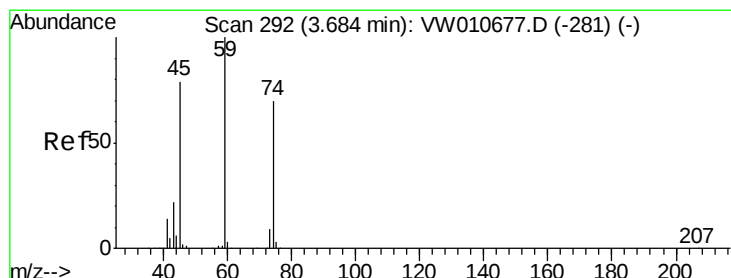
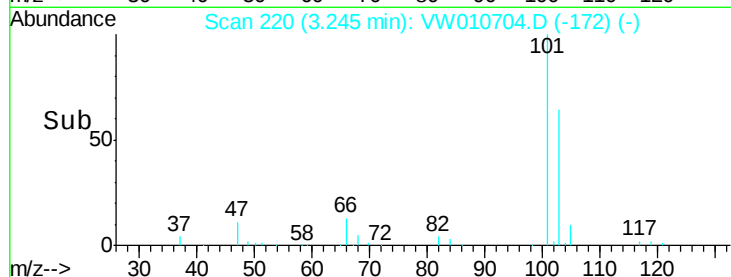
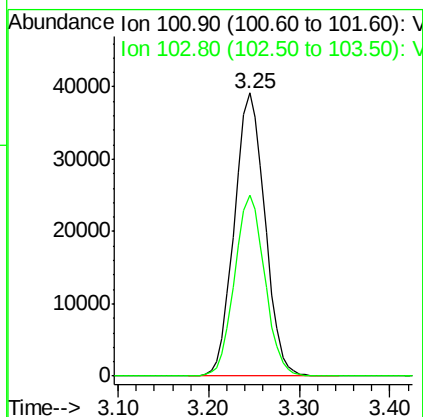
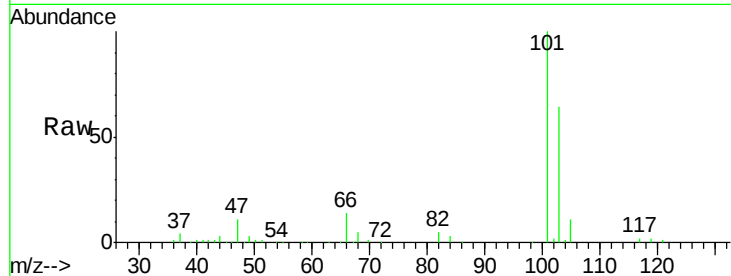
Trichlorofluoromethane
 Concen: 20.134 ug/l
 RT: 3.25 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW010704.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		91521		
103	63.9	51.2	76.8		

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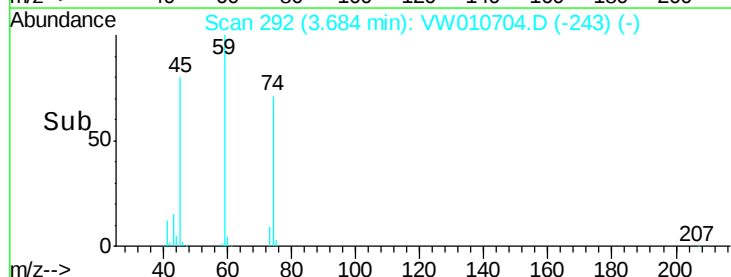
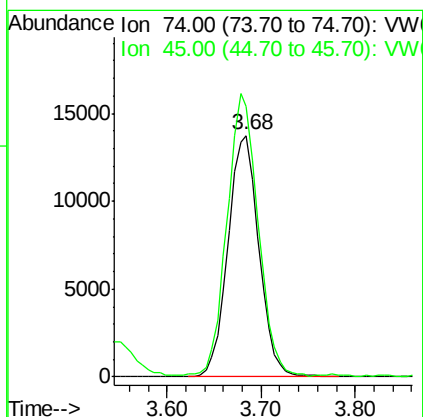
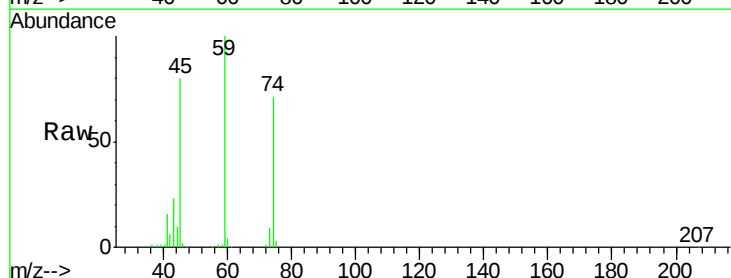
MMDadoda
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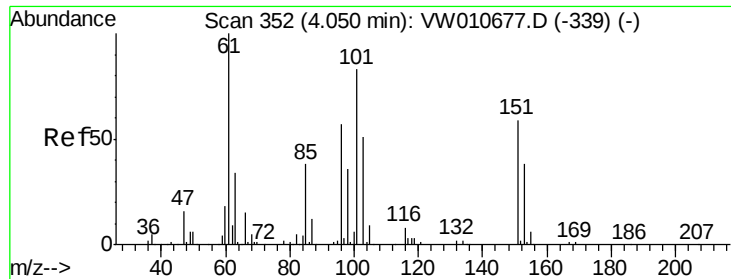


#8

Diethyl Ether
 Concen: 19.291 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		31337		
45	117.3	56.9	170.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.817 ug/l

RT: 4.05 min Scan# 352

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

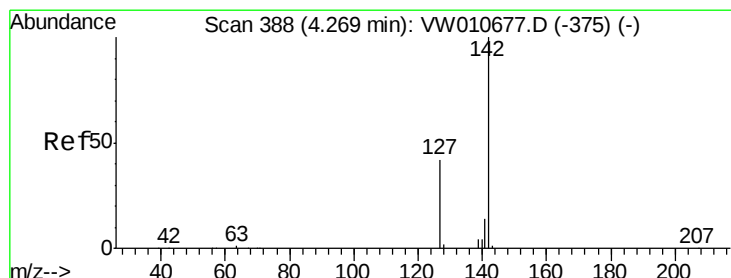
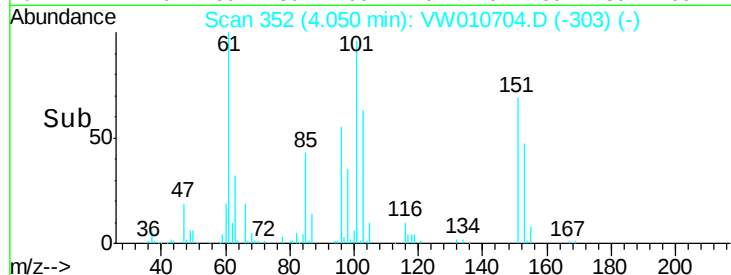
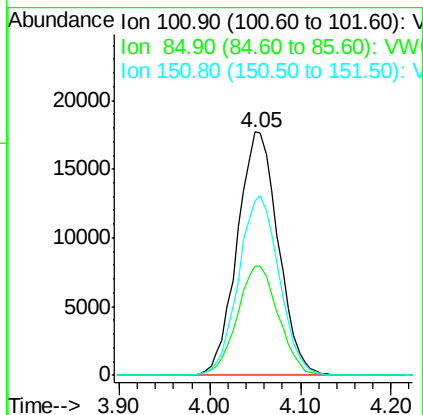
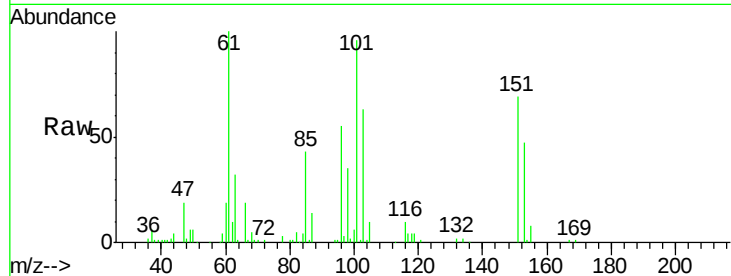
ClientSampleId :

VW0606SBS01

Tot Ion:	101	Resp:	55381
Ion Ratio	Lower	Upper	
101	100		
85	45.4	35.8	53.8
151	73.1	58.1	87.1

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#10

Methyl Iodide

Concen: 19.140 ug/l

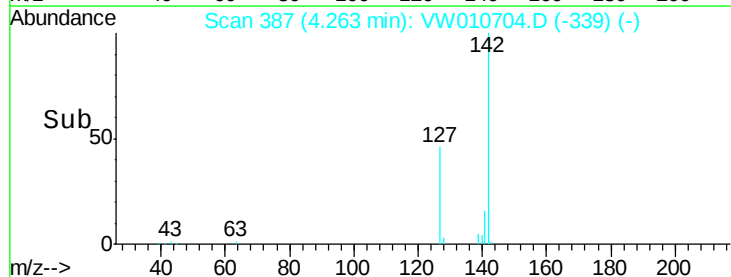
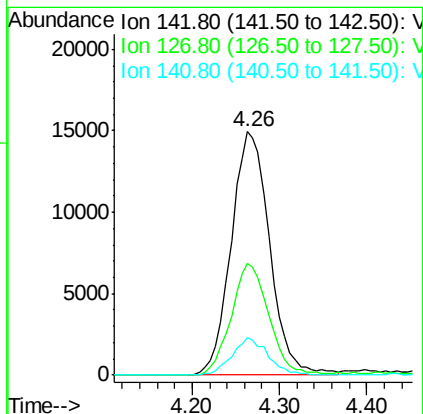
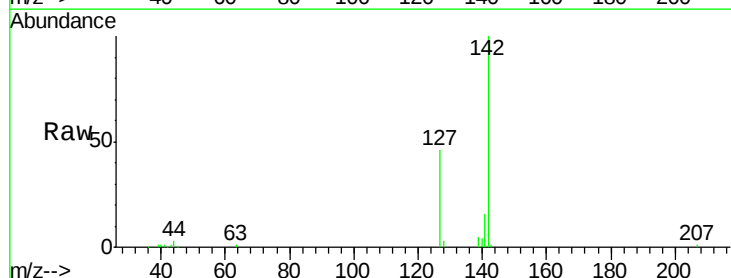
RT: 4.26 min Scan# 387

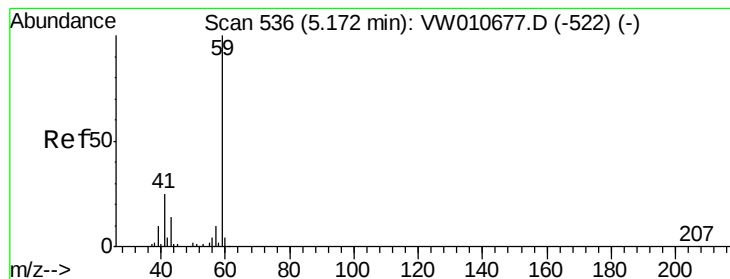
Delta R.T. -0.01 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Tgt Ion:	142	Resp:	45670
Ion Ratio	Lower	Upper	
142	100		
127	44.9	34.6	51.8
141	14.4	11.6	17.4





#11

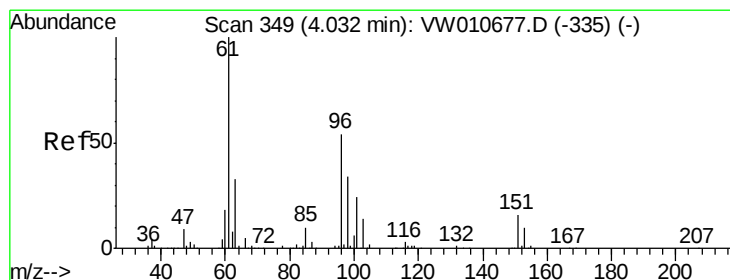
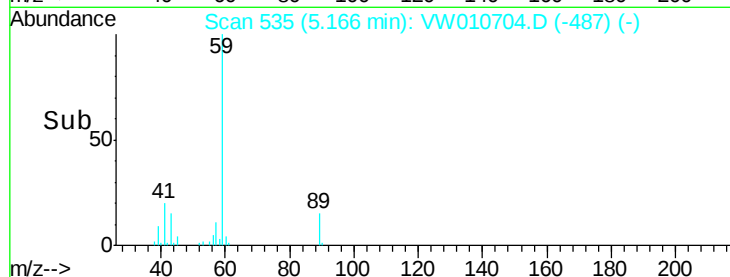
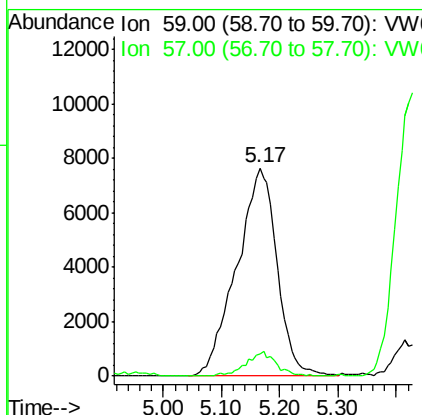
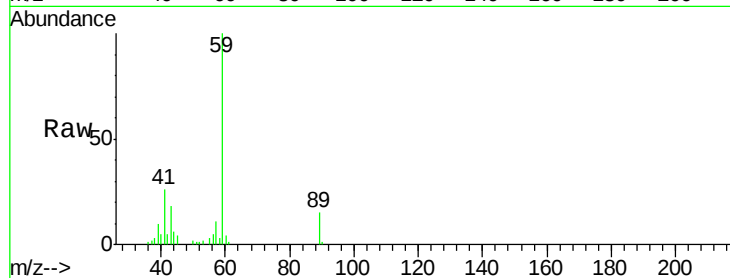
Tert butyl alcohol
Concen: 137.466 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	59	Resp	36797
Ion Ratio	100	Lower	Upper
57	8.7	8.6	12.8

Manual Integrations
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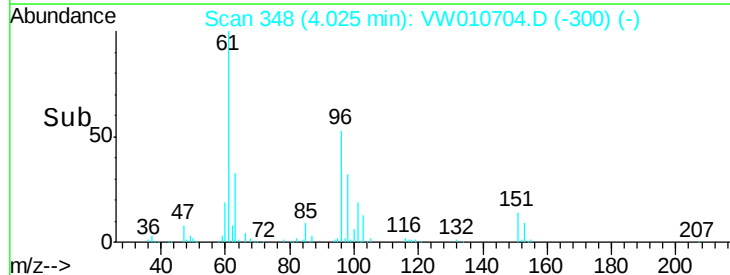
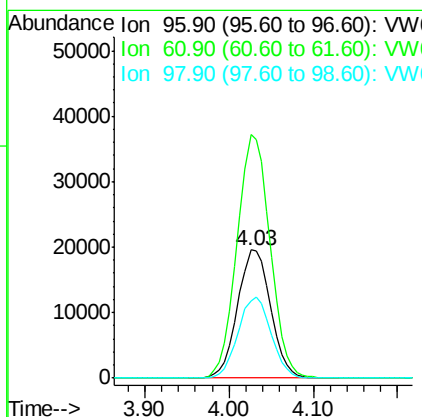
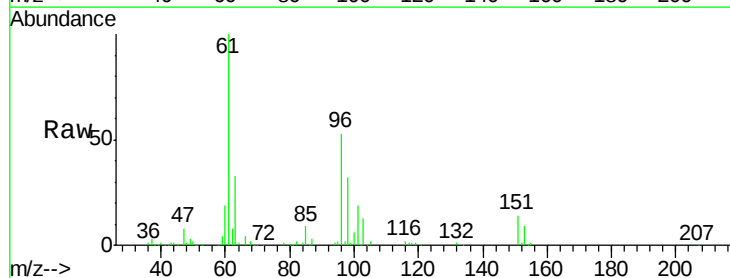
MMDadoda
6/7/2019 11:24:49 AM

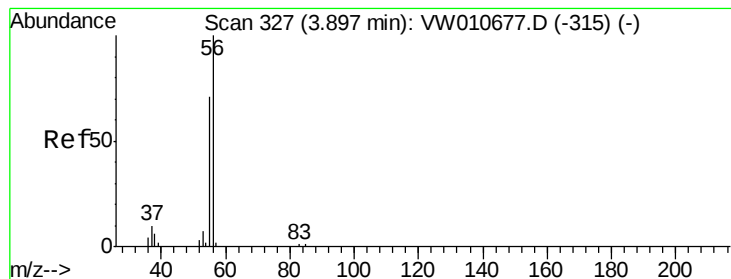


#12

1,1-Dichloroethene
Concen: 19.395 ug/l
RT: 4.03 min Scan# 348
Delta R.T. -0.01 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	96	Resp	52287
Ion Ratio	100	Lower	Upper
61	190.2	149.1	223.7
98	60.6	51.1	76.7





#13

Acrolein

Concen: 91.733 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion: 56 Resp: 10034

Ion Ratio Lower Upper

56 100

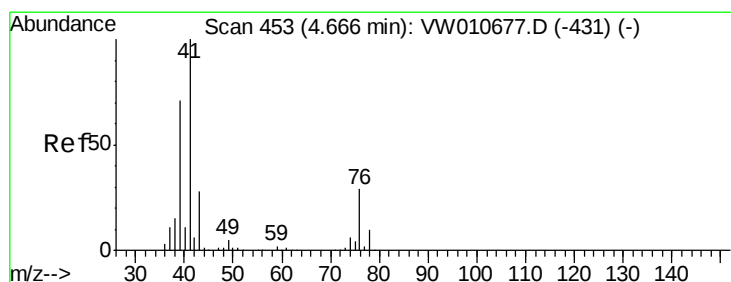
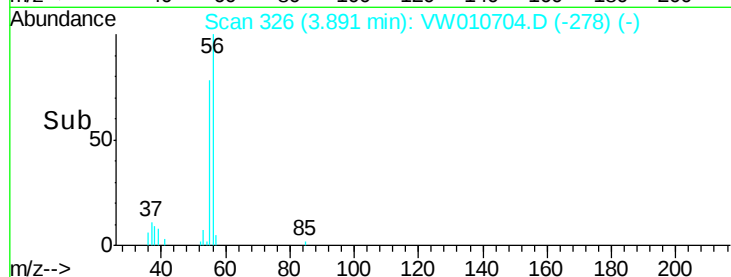
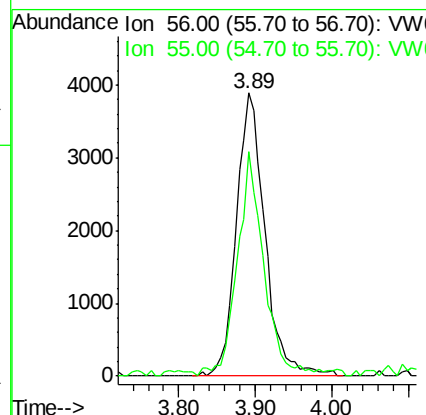
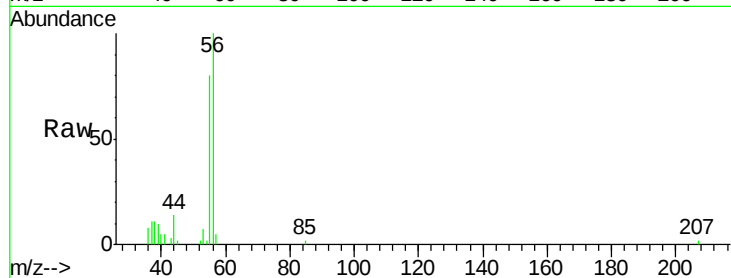
55 73.4 57.6 86.4

Manual Integrations

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#14

Allyl chloride

Concen: 20.192 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

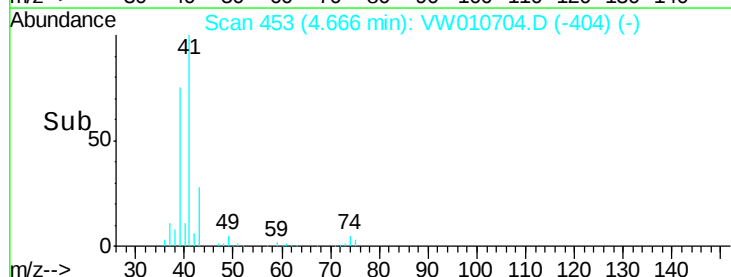
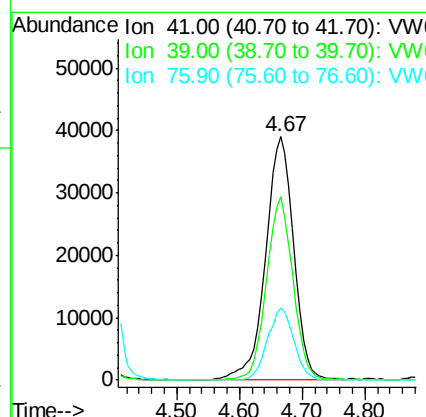
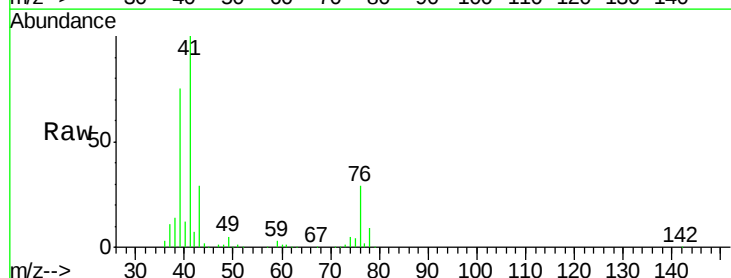
Tgt Ion: 41 Resp: 120026

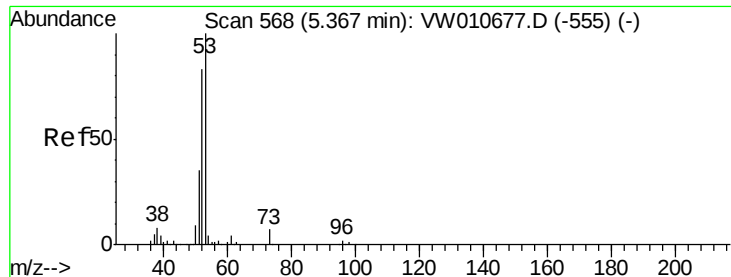
Ion Ratio Lower Upper

41 100

39 71.9 55.8 83.6

76 28.0 22.7 34.1





#15

Acrylonitrile

Concen: 96.962 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

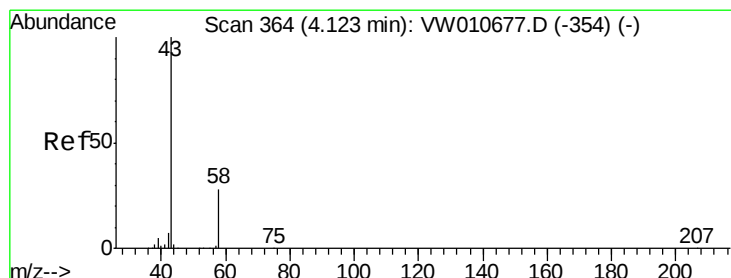
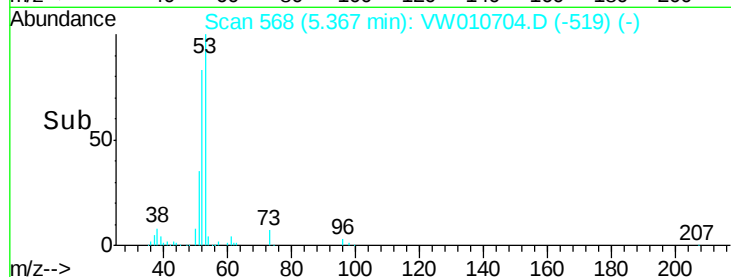
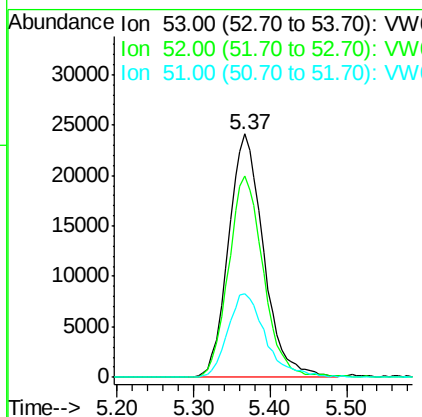
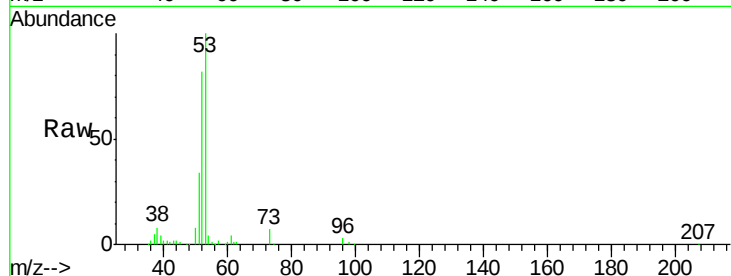
ClientSampleId :

VW0606SBS01

Tot Ion:	53	Resp:	76520
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.6	100.0
51	37.0	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 93.831 ug/l

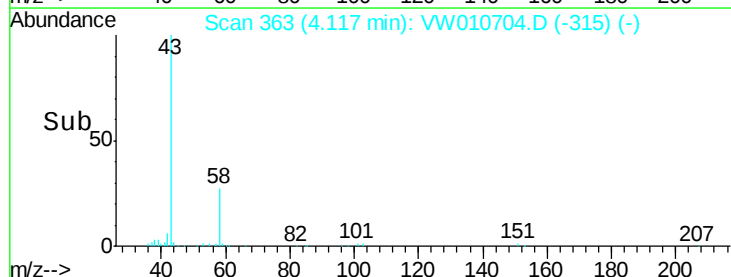
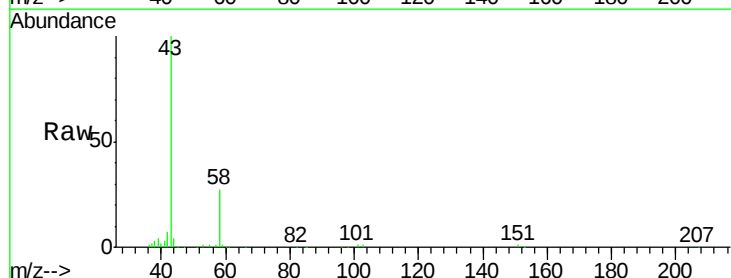
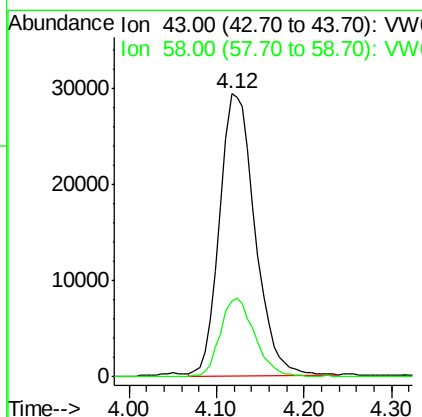
RT: 4.12 min Scan# 363

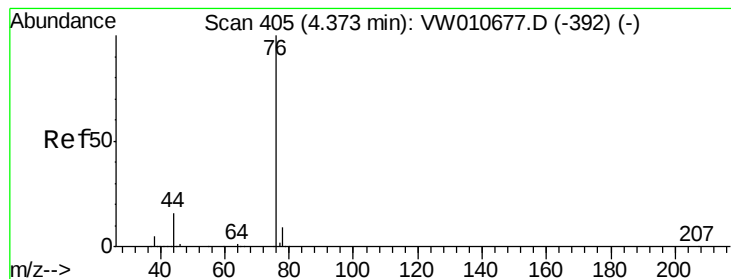
Delta R.T. -0.01 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Tgt Ion:	43	Resp:	82609
Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.1	33.1





#17

Carbon Disulfide

Concen: 19.426 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion: 76 Resp: 166245

Ion Ratio Lower Upper

76 100

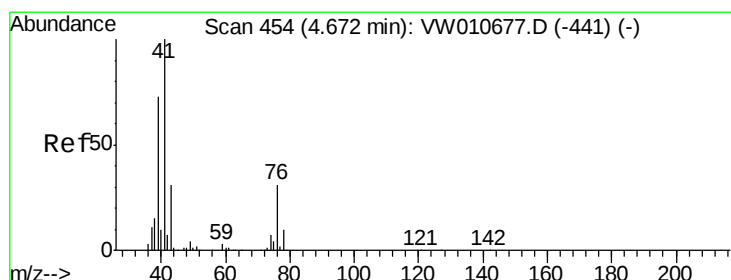
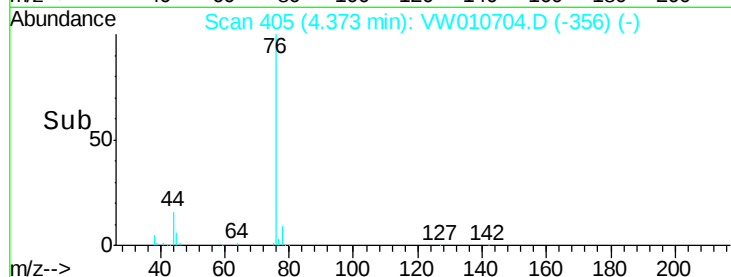
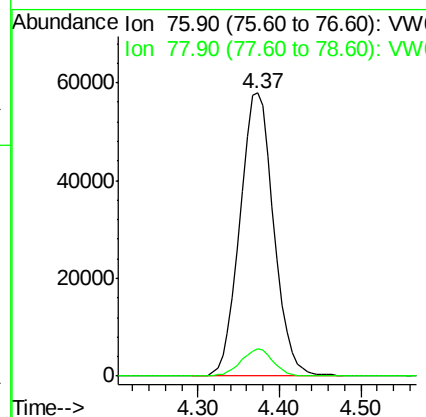
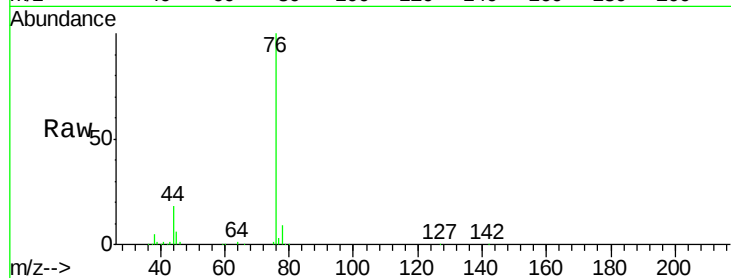
78 9.5 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 18.775 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW010704.D

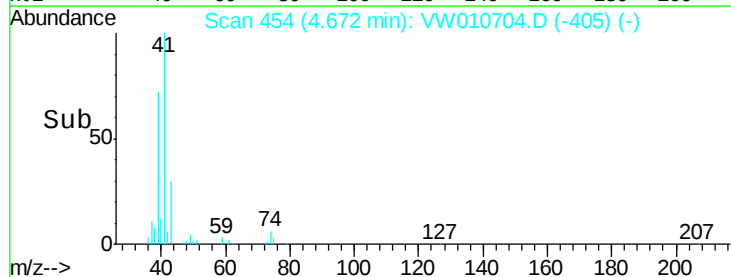
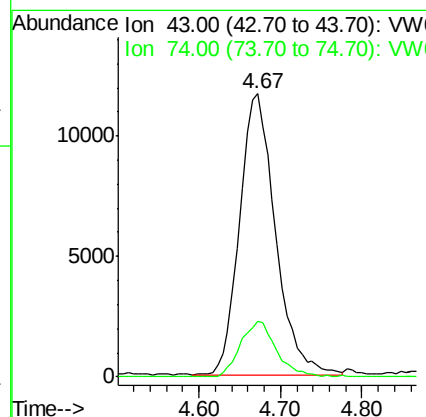
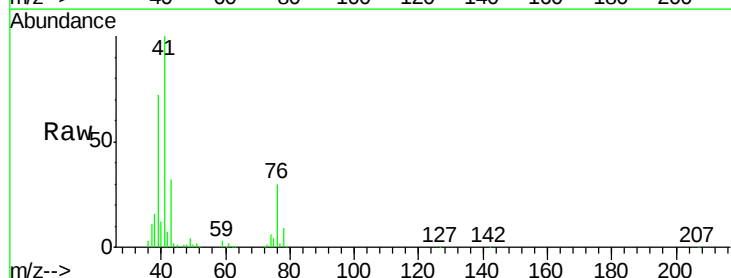
Acq: 06 Jun 2019 12:36

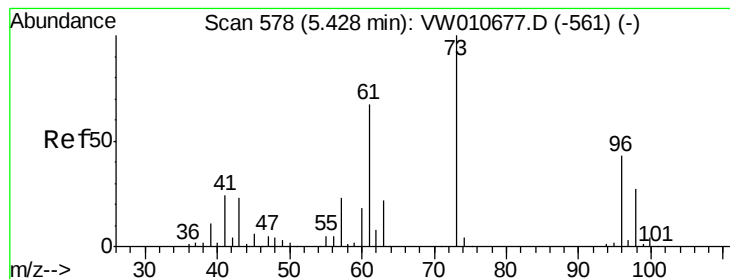
Tgt Ion: 43 Resp: 35581

Ion Ratio Lower Upper

43 100

74 19.7 16.7 25.1





#19

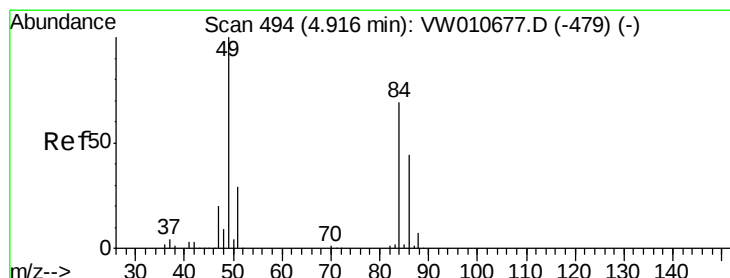
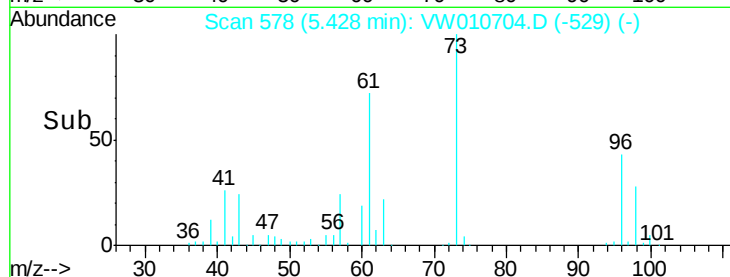
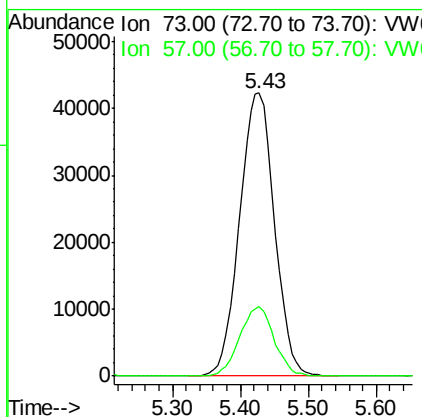
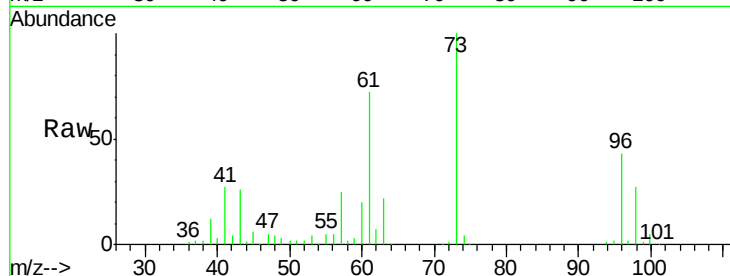
Methyl tert-butyl Ether
 Concen: 19.416 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.6	18.6	27.8

Manual Integrations
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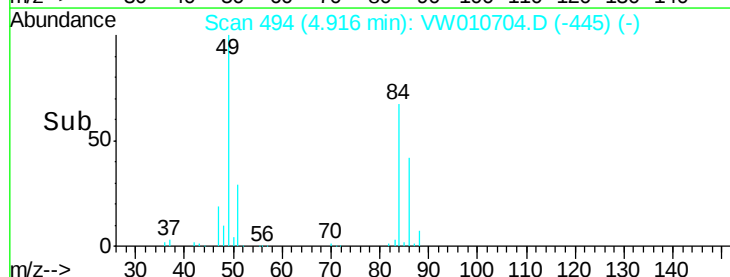
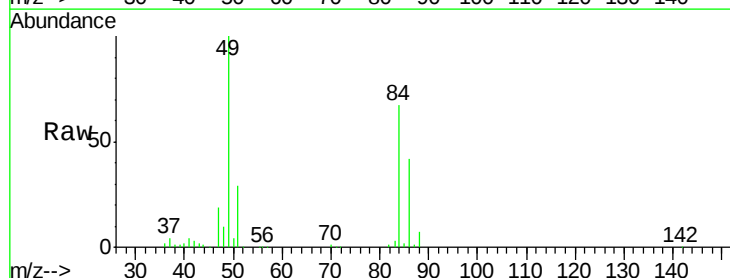
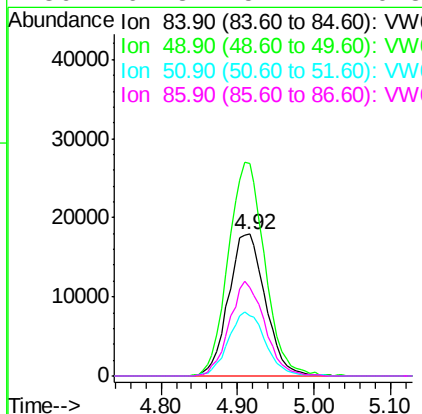
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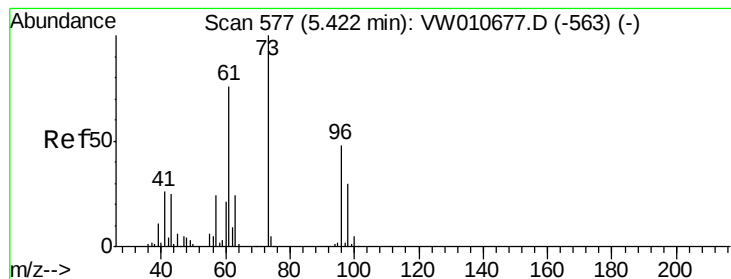


#20

Methylene Chloride
 Concen: 19.456 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	149.7	116.7	175.1
51	42.7	34.2	51.2
86	62.3	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 19.748 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

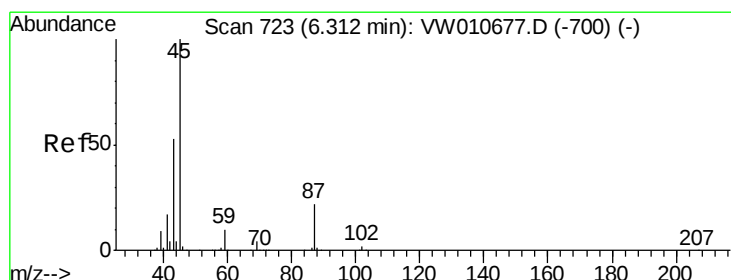
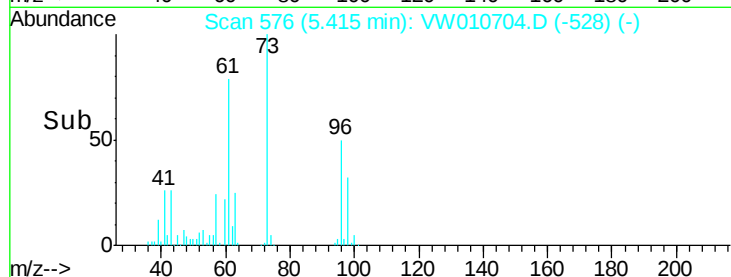
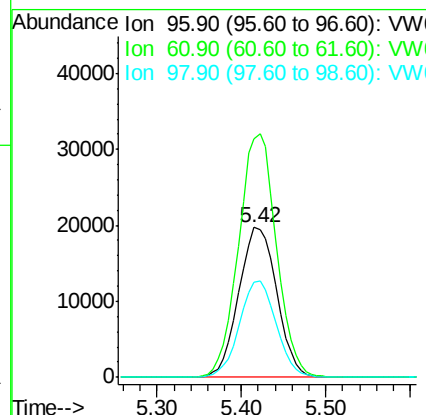
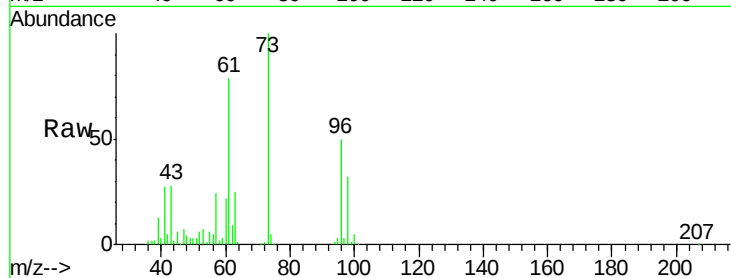
ClientSampled :

VW0606SBS01

Tot Ion:	96	Resp:	60435
Ion	Ratio	Lower	Upper
96	100		
61	158.9	126.0	189.0
98	63.8	49.6	74.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.093 ug/l

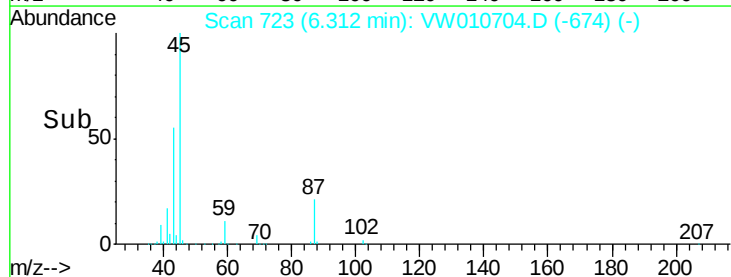
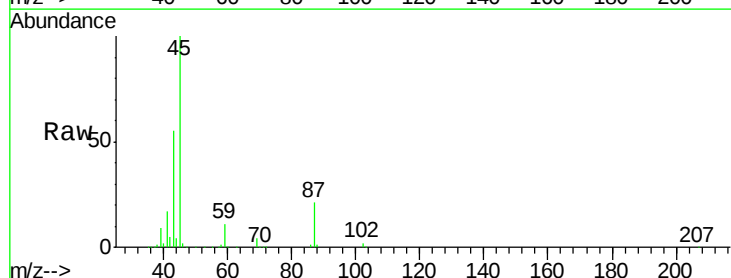
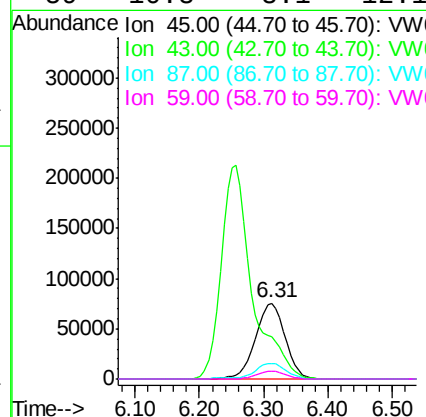
RT: 6.31 min Scan# 723

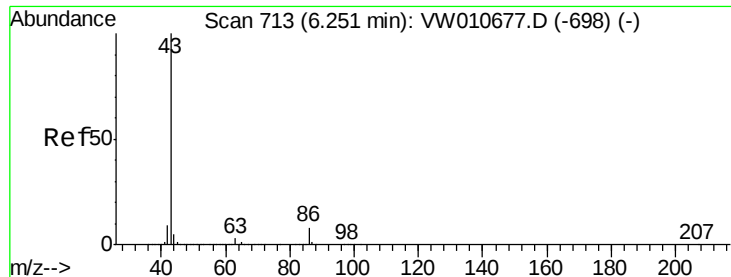
Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Tgt Ion:	45	Resp:	239116
Ion	Ratio	Lower	Upper
45	100		
43	54.7	42.5	63.7
87	21.0	17.4	26.2
59	10.8	8.1	12.1





#23

Vinyl Acetate

Concen: 99.810 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion: 43 Resp: 716822

Ion Ratio Lower Upper

43 100

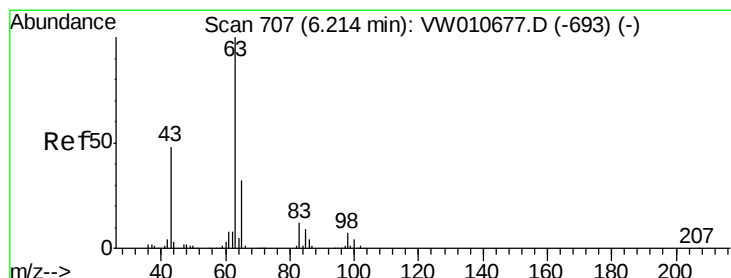
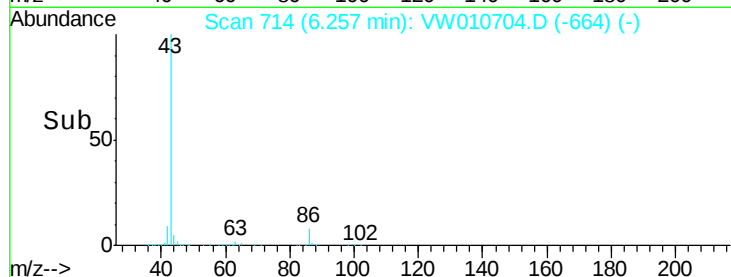
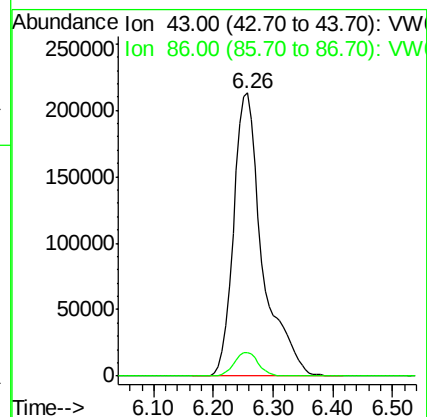
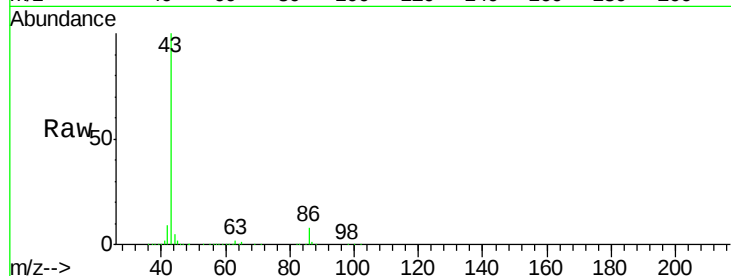
86 8.4 6.6 10.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.010 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

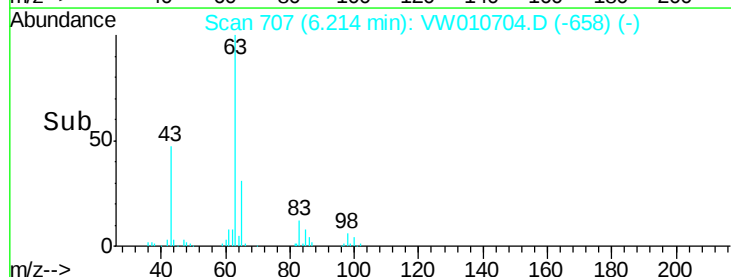
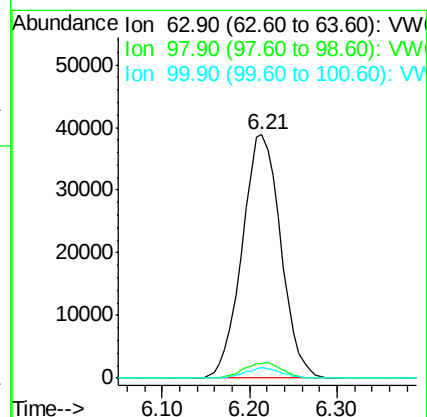
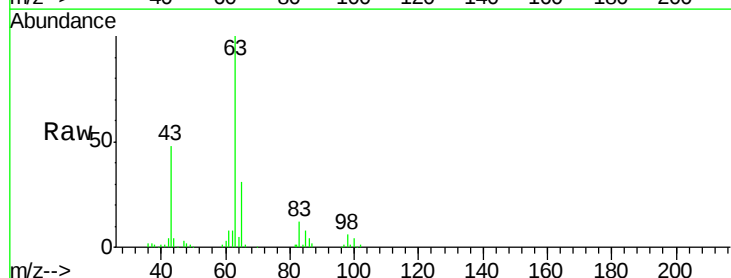
Tgt Ion: 63 Resp: 119337

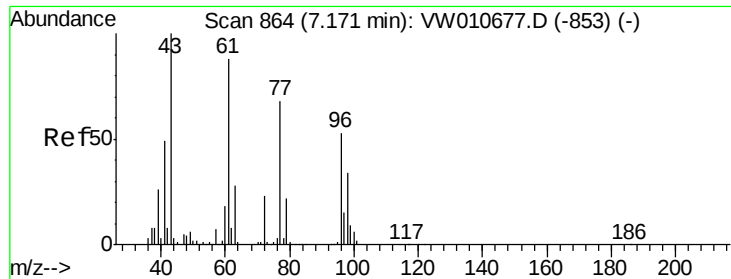
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 4.4 2.1 6.3





#25

2-Butanone

Concen: 99.709 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

ClientSampled :

VW0606SBS01

Tot Ion: 43 Resp: 121725

Ion Ratio Lower Upper

43 100

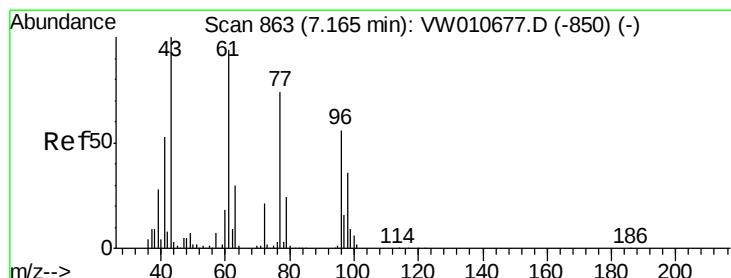
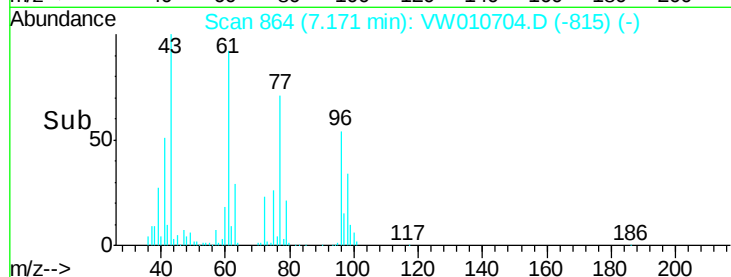
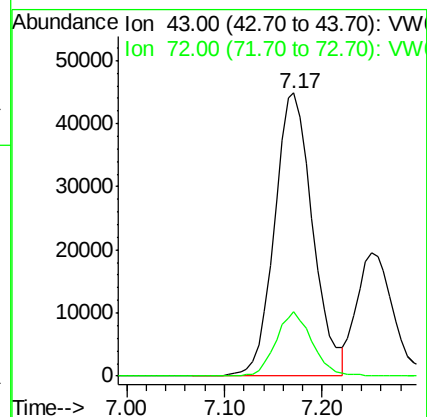
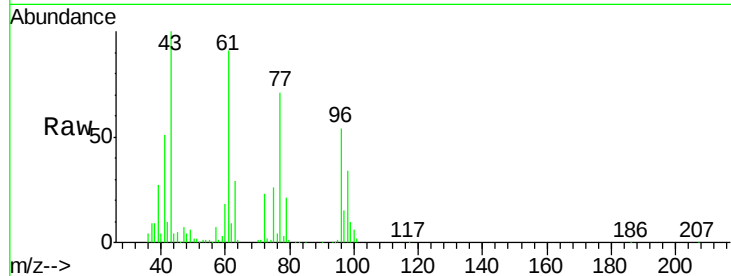
72 22.8 18.1 27.1

Manual Integrations

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6/7/2019 11:24:49 AM



#26

2,2-Dichloropropane

Concen: 21.313 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW010704.D

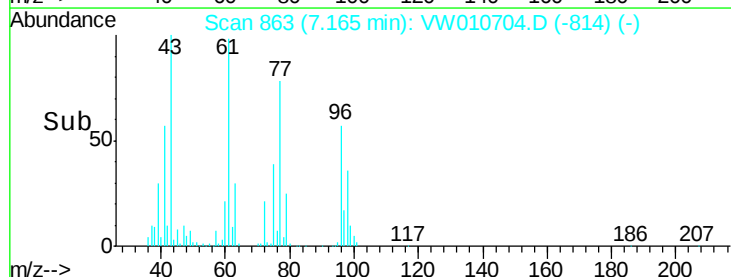
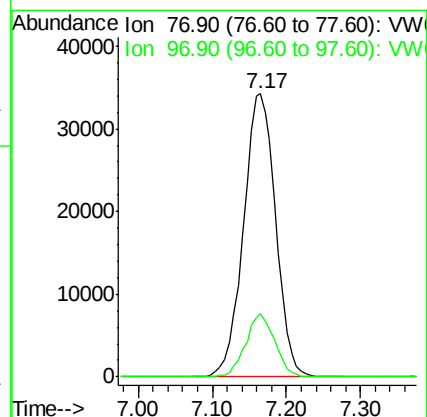
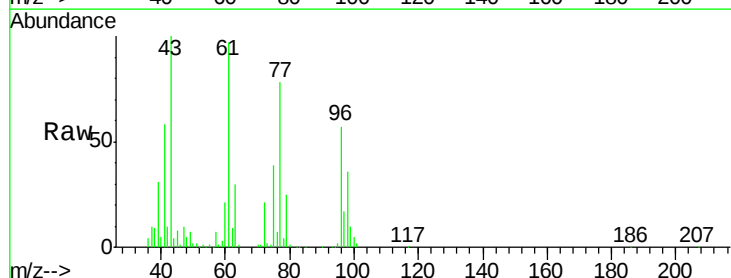
Acq: 06 Jun 2019 12:36

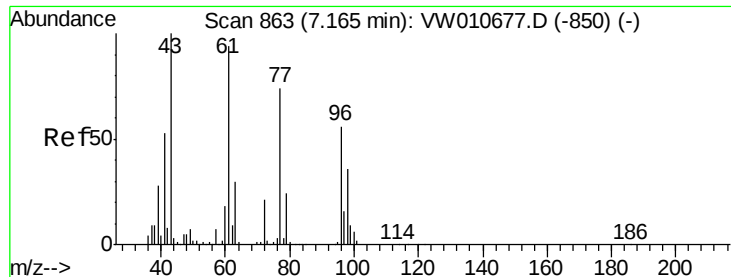
Tgt Ion: 77 Resp: 103429

Ion Ratio Lower Upper

77 100

97 20.3 10.5 31.6





#27

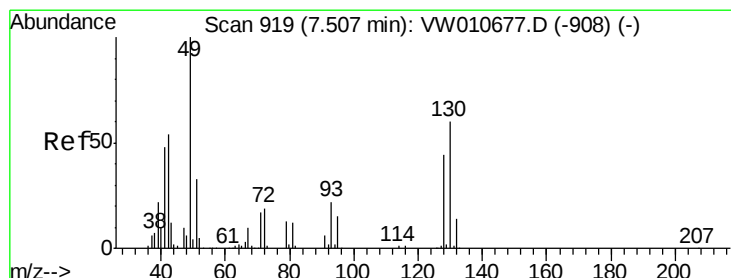
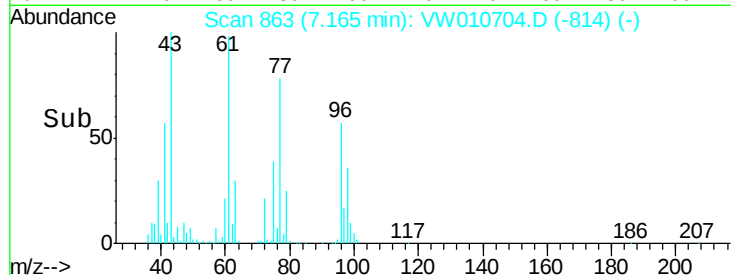
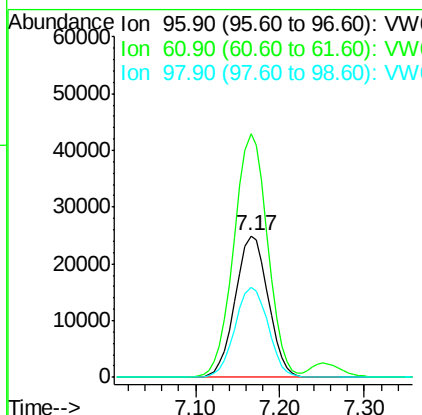
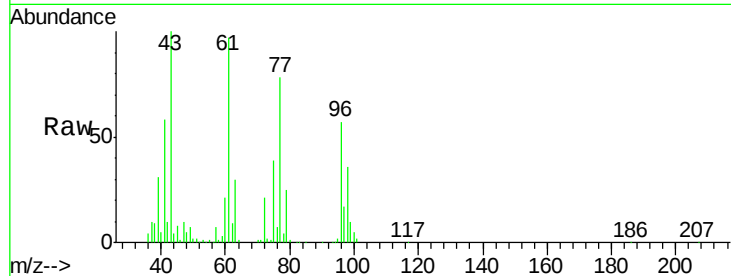
cis-1,2-Dichloroethene
Concen: 19.667 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	66238		
61	175.6	0.0	336.4	
98	63.8	0.0	128.0	

Manual Integrations
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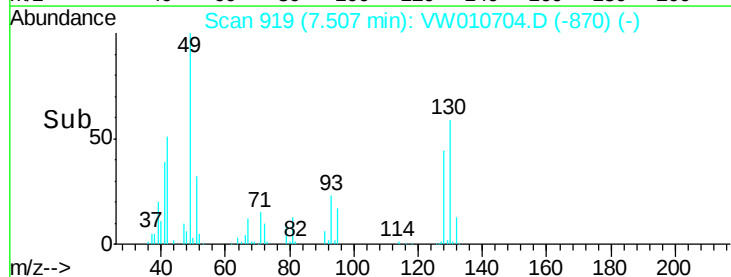
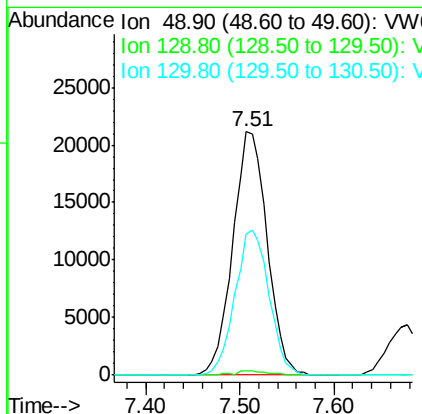
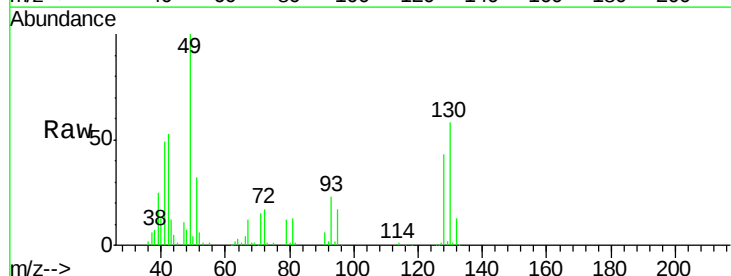
MMDadoda
6/7/2019 11:24:49 AM

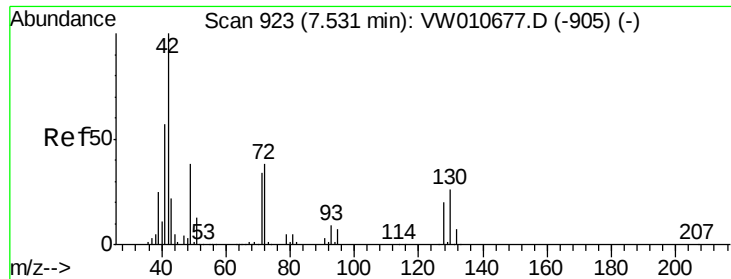


#28

Bromochloromethane
Concen: 20.138 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	53597		
129	1.5	0.0	3.2	
130	58.9	48.3	72.5	





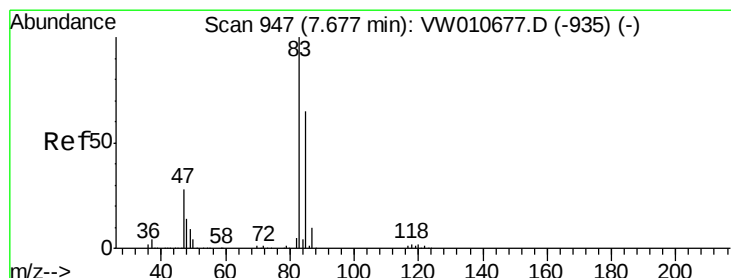
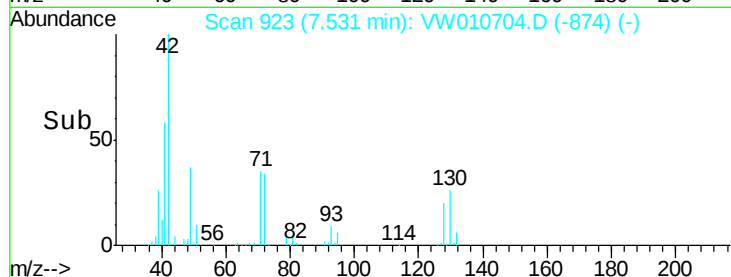
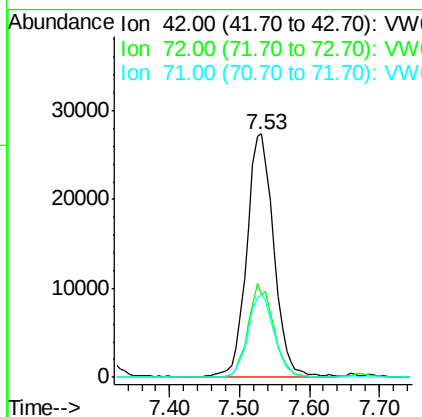
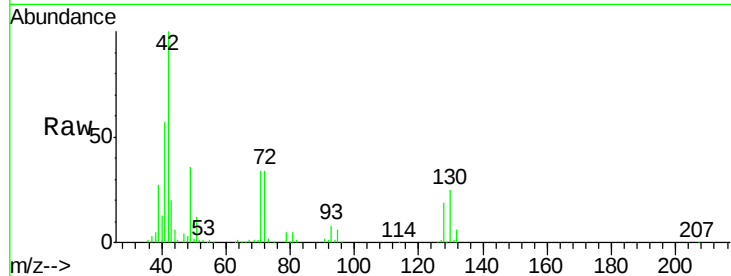
#29
Tetrahydrofuran
Concen: 96.189 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampled :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.9	28.7	43.1
71	32.9	26.6	39.8

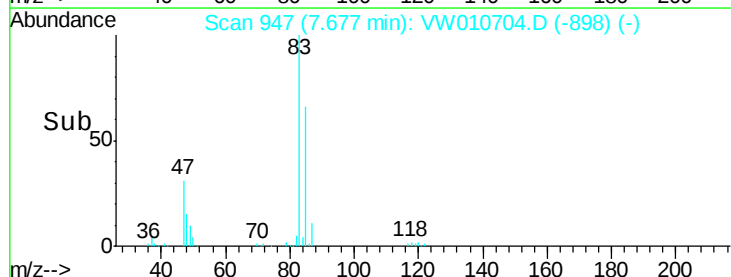
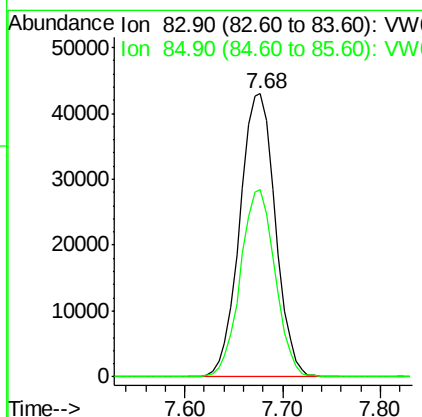
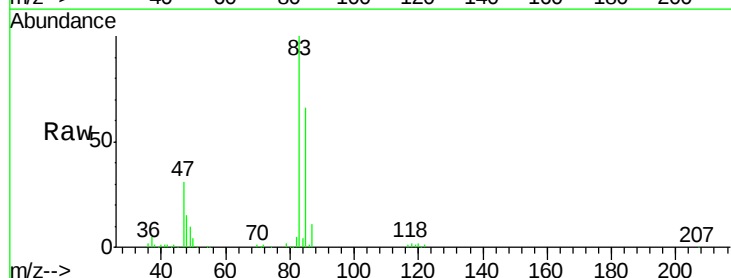
Manual Integrations
APPROVED

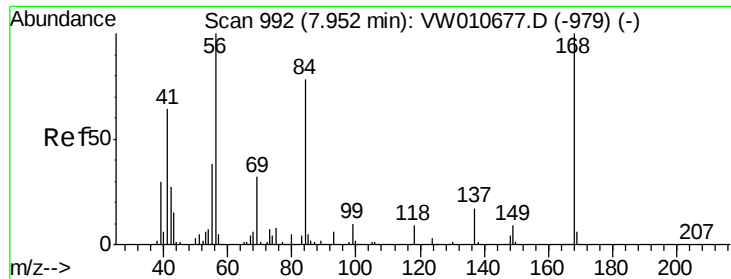
MMDadoda
6/7/2019 11:24:49 AM



#30
Chloroform
Concen: 19.825 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.8	77.8





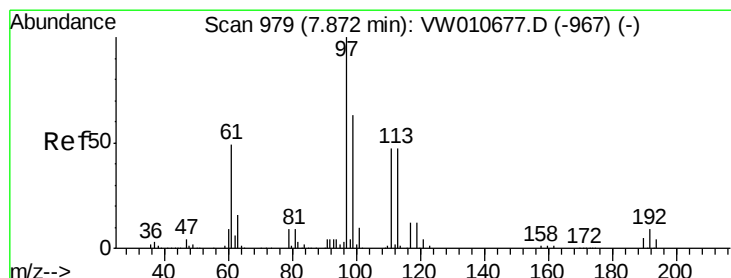
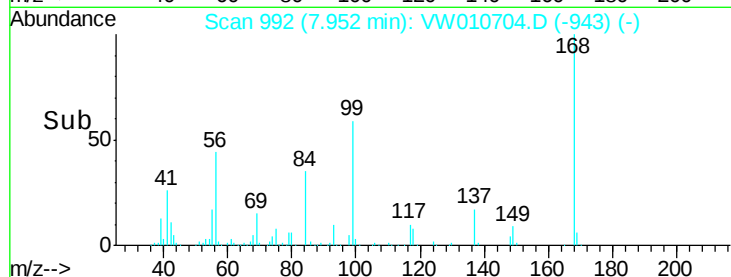
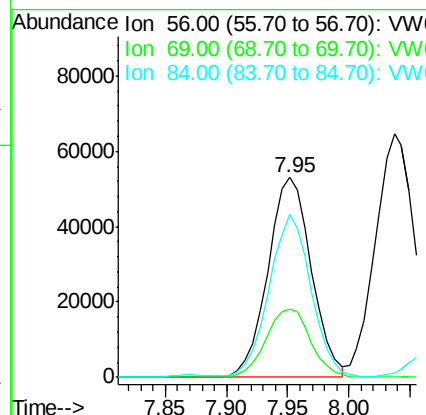
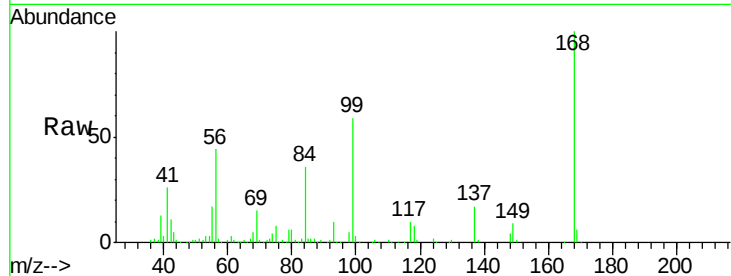
#31
Cyclohexane
Concen: 19.734 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	25.2	37.8
84	80.1	62.2	93.2

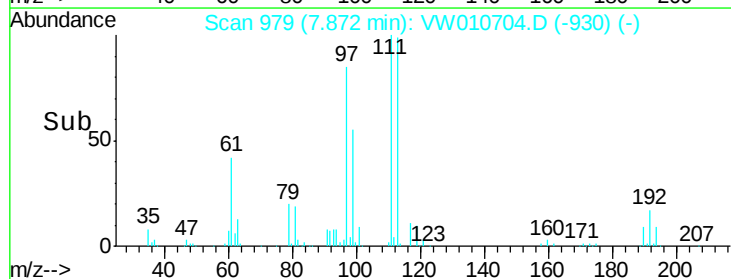
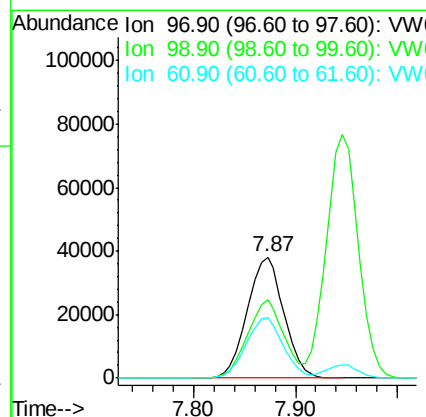
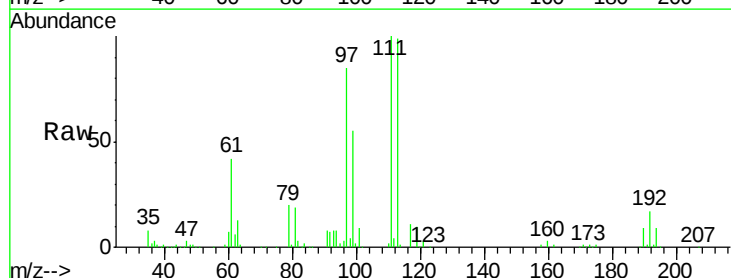
Manual Integrations
APPROVED

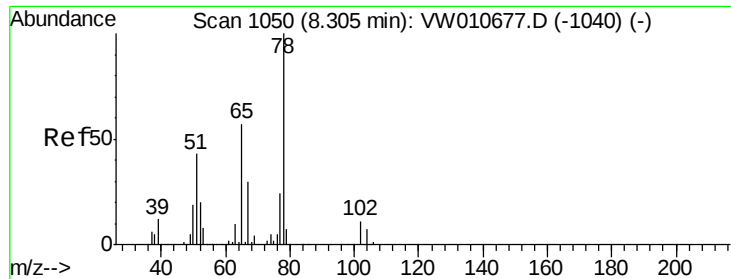
MMDadoda
6/7/2019 11:24:49 AM



#32
1,1,1-Trichloroethane
Concen: 19.955 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	50.6	40.4	60.6





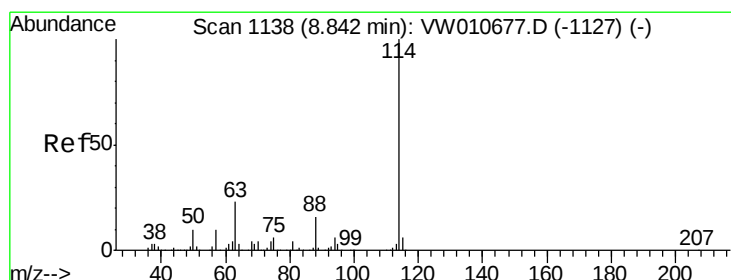
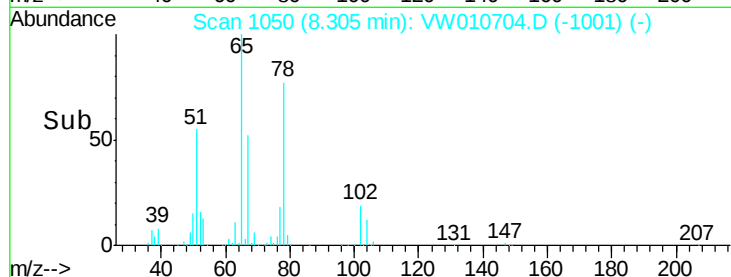
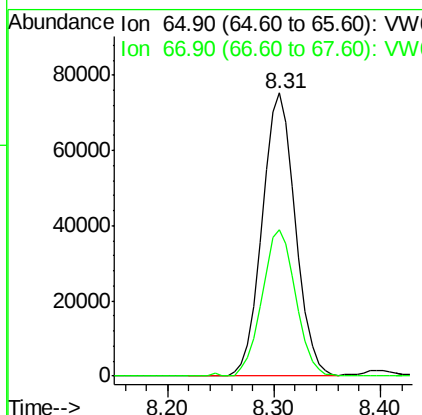
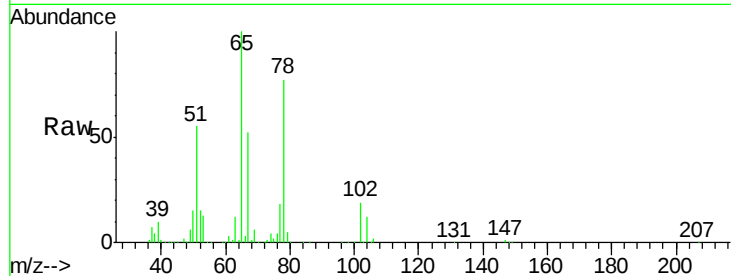
#33
 1,2-Dichloroethane-d4
 Concen: 49.932 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	164062		
67	52.2	0.0	102.6	

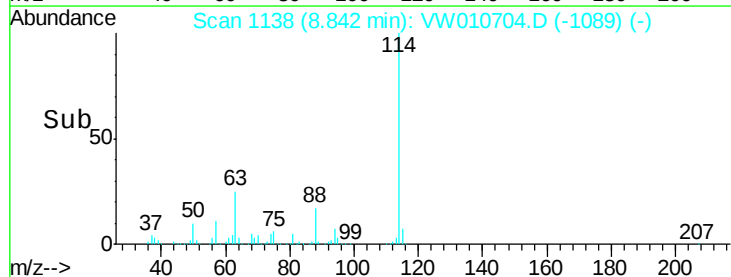
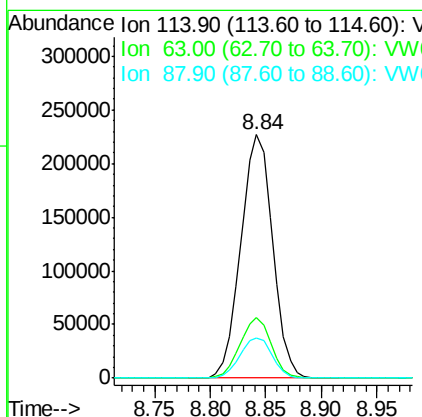
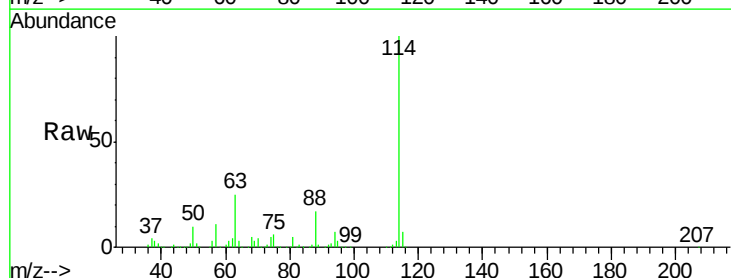
Manual Integrations
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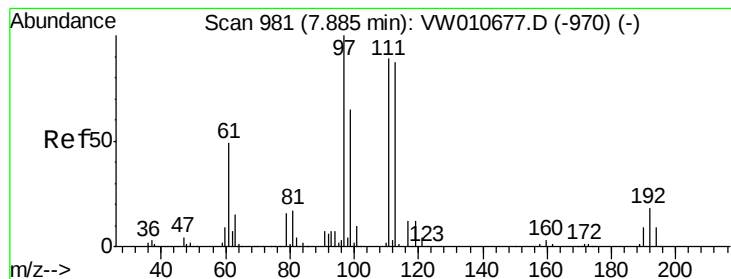
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 6/7/2019 11:24:49 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	450974		
63	25.0	0.0	46.4	
88	16.7	0.0	32.2	





#35

Dibromofluoromethane

Concen: 52.760 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

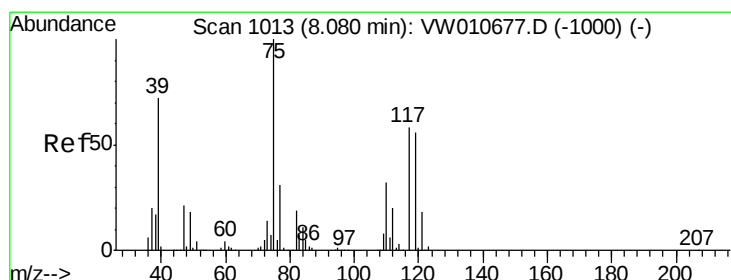
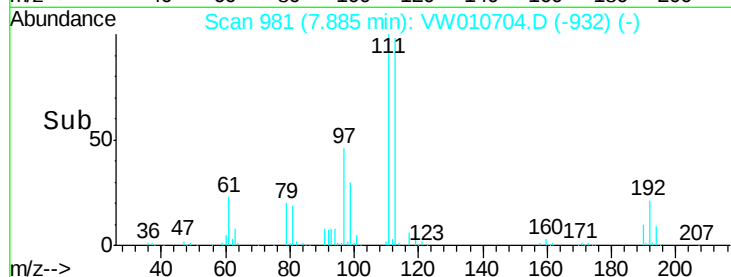
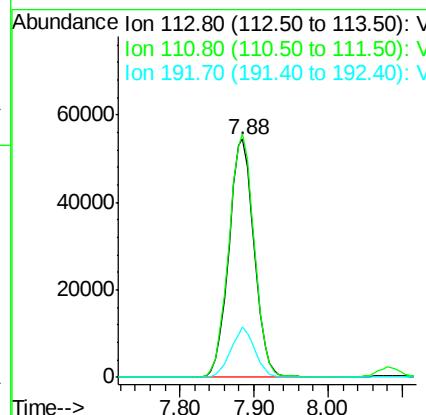
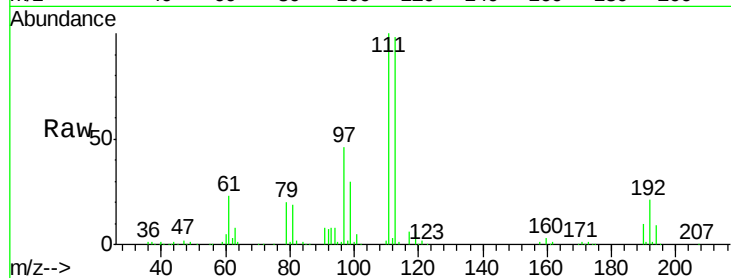
ClientSampled :

VW0606SBS01

Tot Ion:	113	Resp:	129146
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.6	123.8
192	19.8	16.4	24.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.257 ug/l

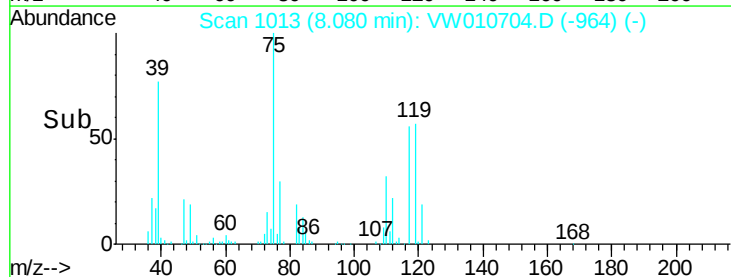
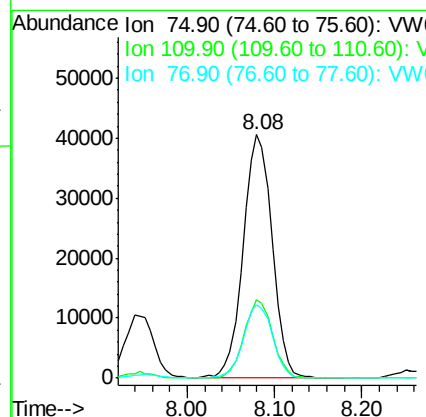
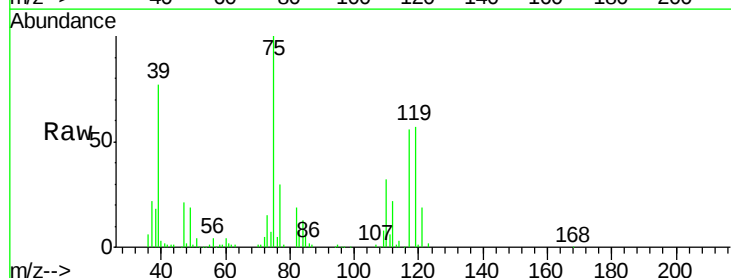
RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Tgt Ion:	75	Resp:	93513
Ion Ratio	Lower	Upper	
75	100		
110	31.5	15.8	47.3
77	30.4	24.7	37.1





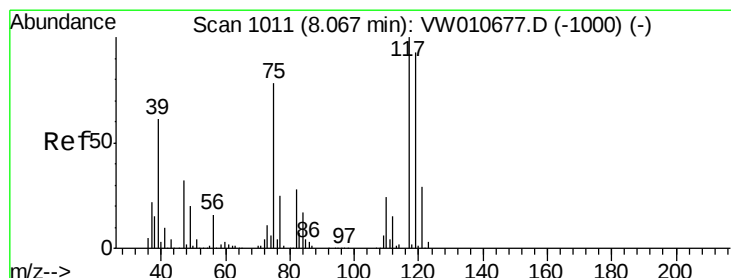
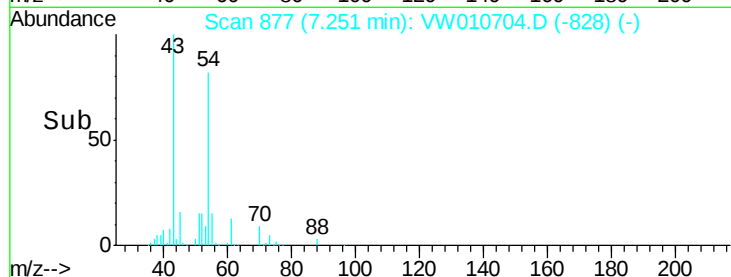
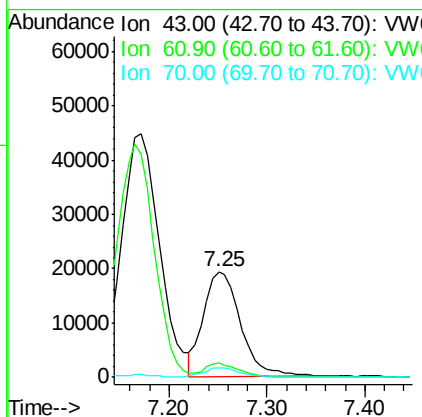
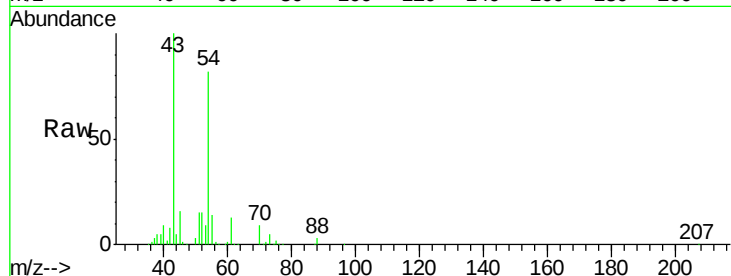
#37
Ethyl Acetate
Concen: 19.933 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.7	14.5
70	8.9	7.2	10.8

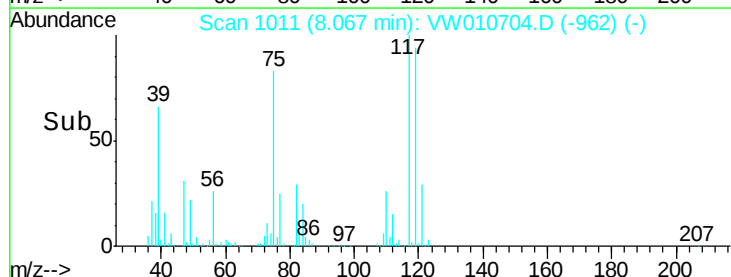
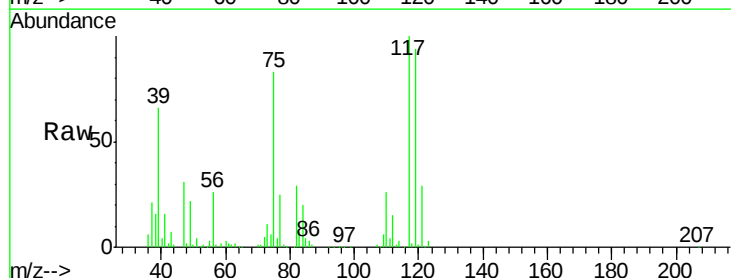
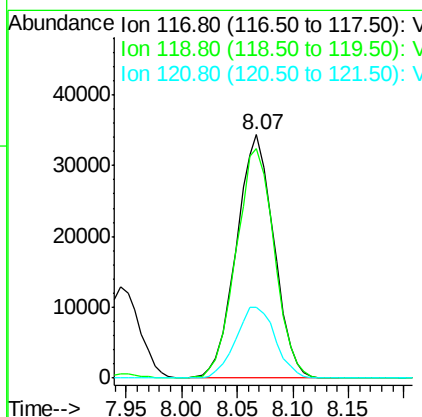
Manual Integrations
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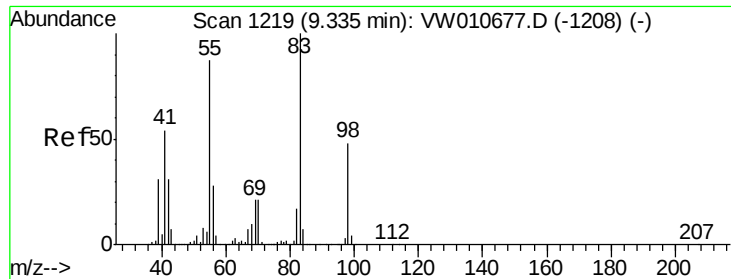
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#38
Carbon Tetrachloride
Concen: 20.185 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	74.2	111.4
121	29.3	22.9	34.3





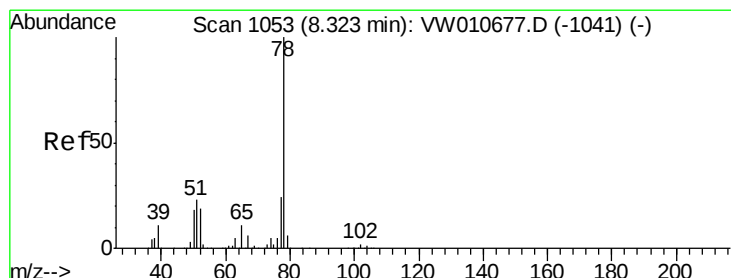
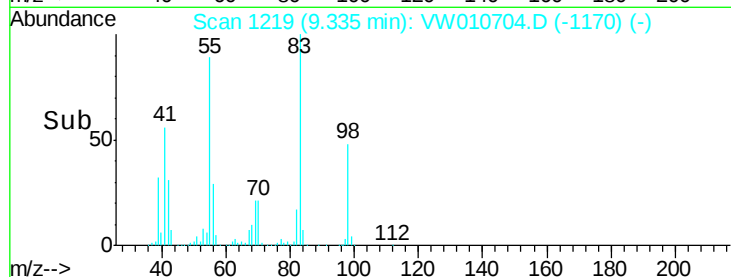
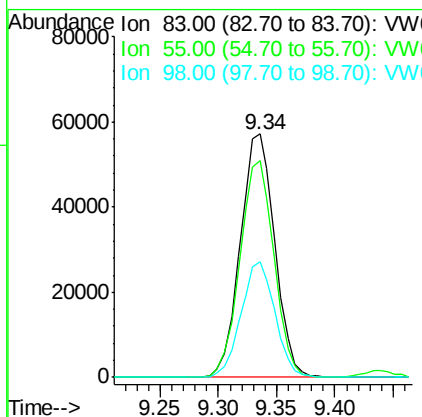
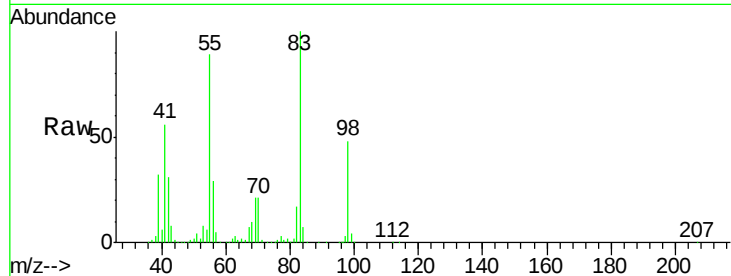
#39
Methvlcvclohexane
Concen: 20.076 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	117814		
55	89.0	70.0	105.0	
98	47.5	38.1	57.1	

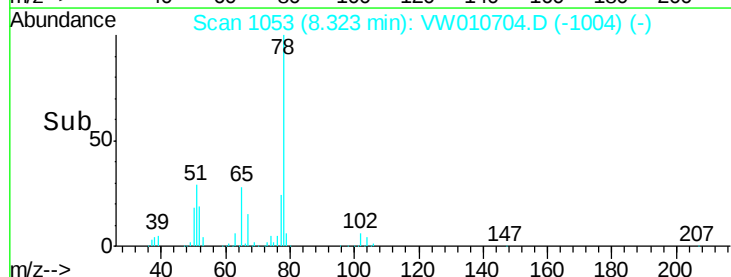
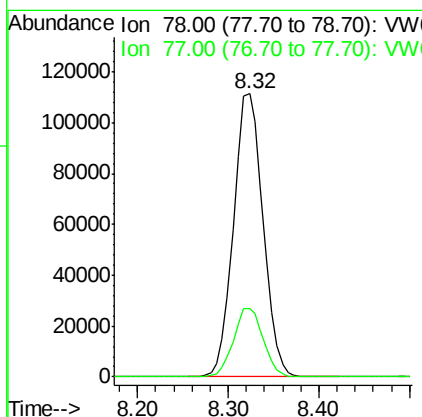
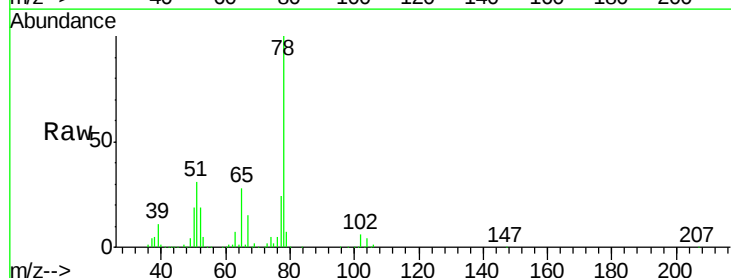
Manual Integrations
APPROVED

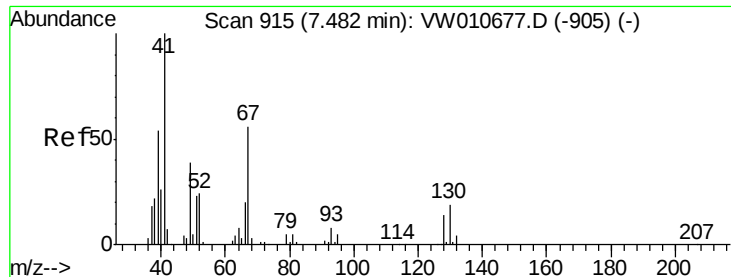
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#40
Benzene
Concen: 19.954 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	251282		
77	24.0	19.1	28.7	





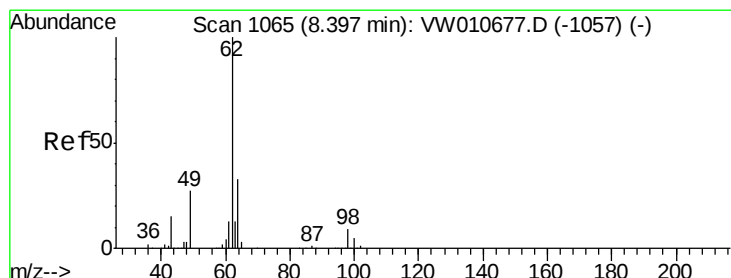
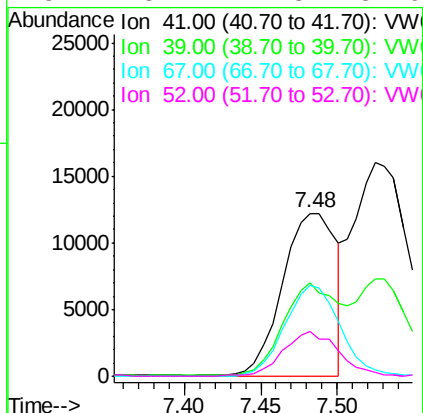
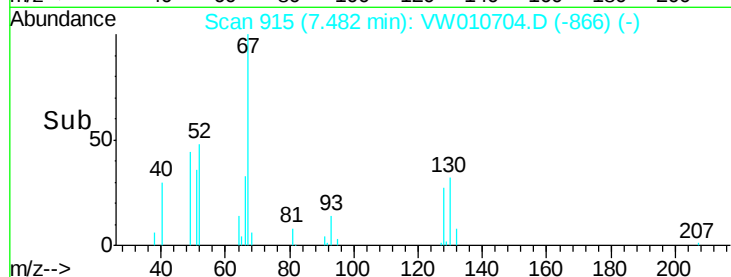
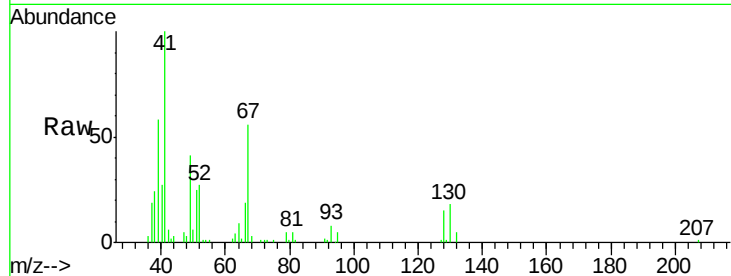
#41
Methacrylonitrile
Concen: 19.599 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	41	Resp	29800
Ion Ratio	Lower	Upper	
41	100		
39	59.7	47.3	70.9
67	58.2	47.2	70.8
52	28.4	21.3	31.9

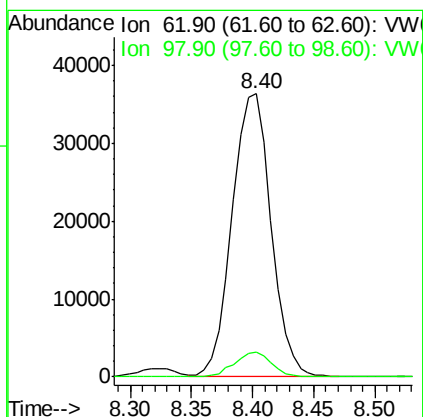
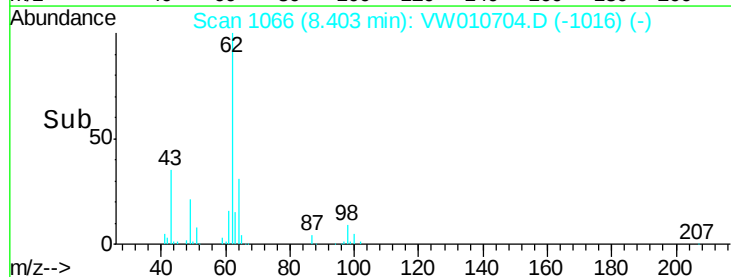
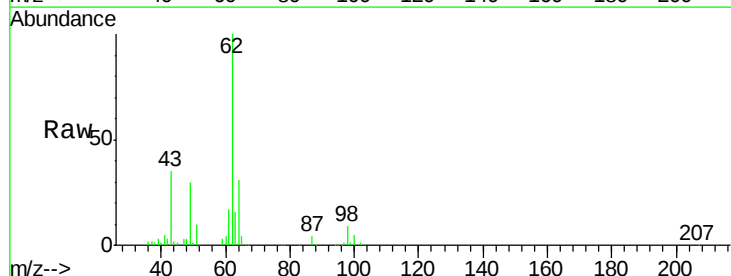
Manual Integrations
APPROVED

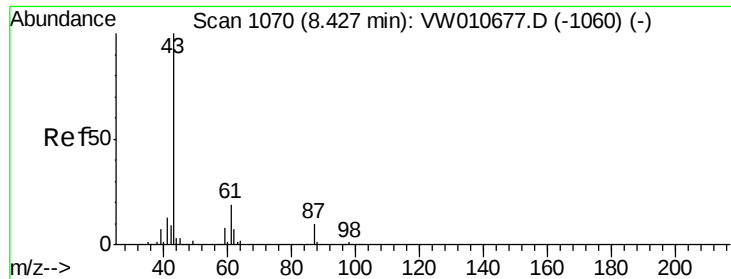
MMDadoda
6/7/2019 11:24:49 AM



#42
1,2-Dichloroethane
Concen: 20.067 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	62	Resp	80204
Ion Ratio	Lower	Upper	
62	100		
98	8.4	0.0	17.2





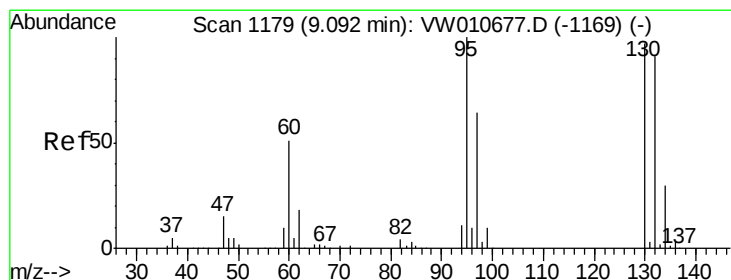
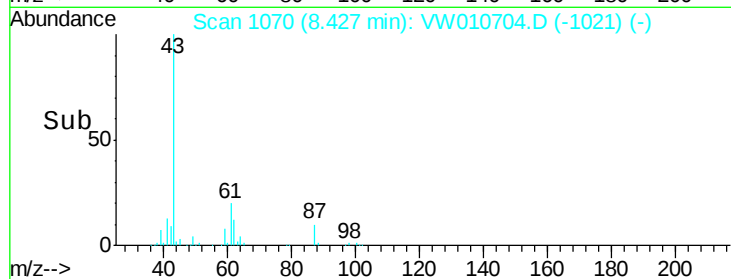
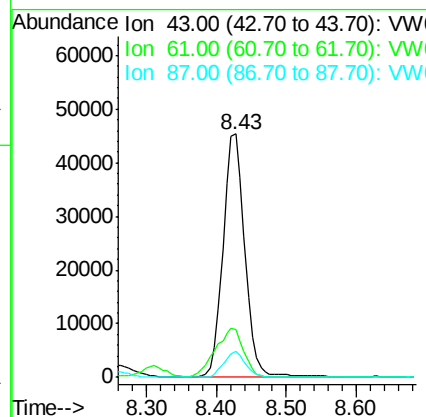
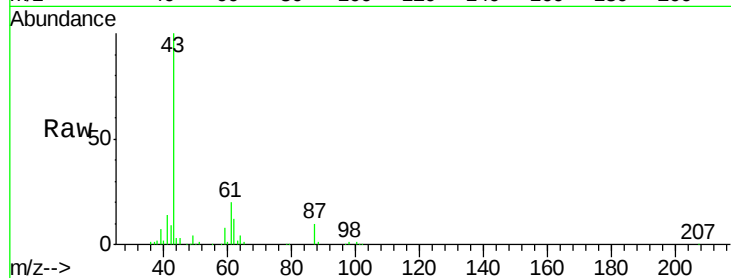
#43
Isopropyl Acetate
Concen: 19.739 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.5	21.2	31.8
87	10.5	8.3	12.5

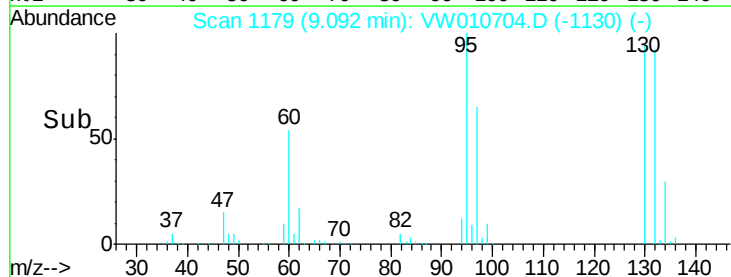
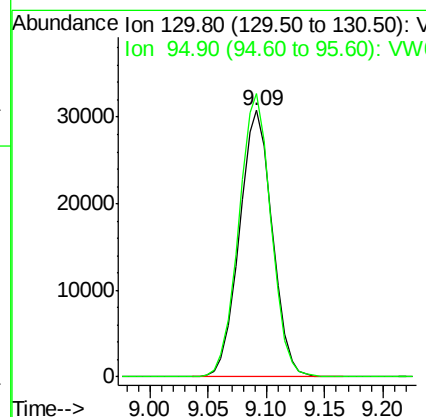
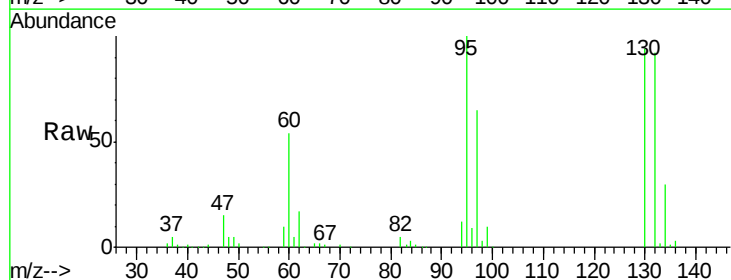
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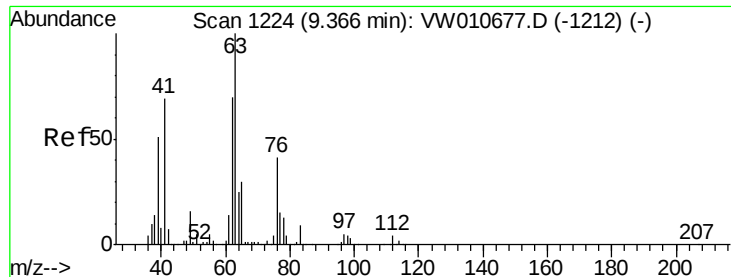
MMDadoda
6/7/2019 11:24:49 AM



#44
Trichloroethene
Concen: 19.452 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.3	0.0	207.0





#45

1,2-Dichloropropane

Concen: 20.148 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

ClientSampled :

VW0606SBS01

Tot Ion: 63 Resp: 67166

Ion Ratio Lower Upper

63 100

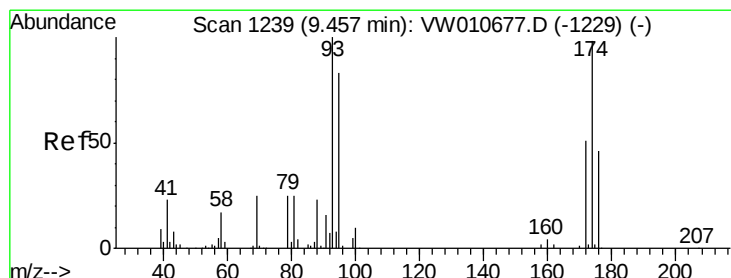
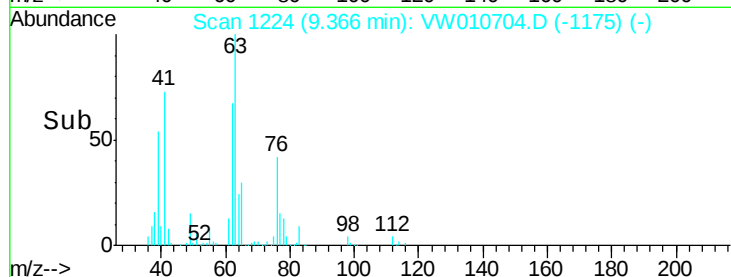
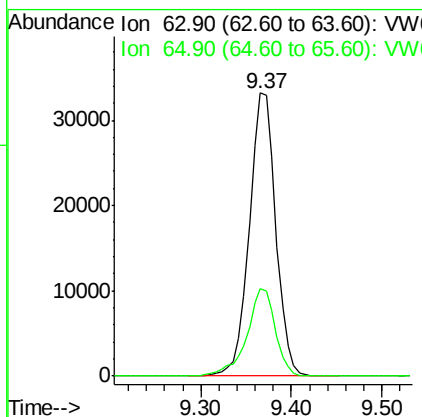
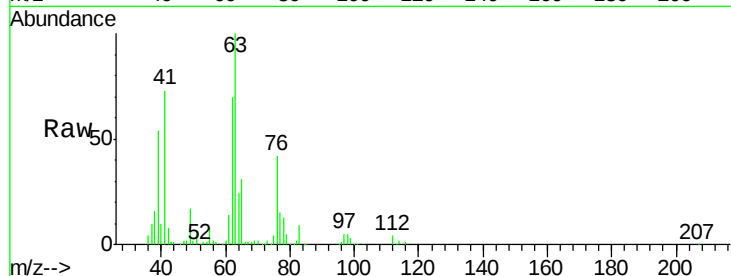
65 30.8 23.8 35.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.557 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

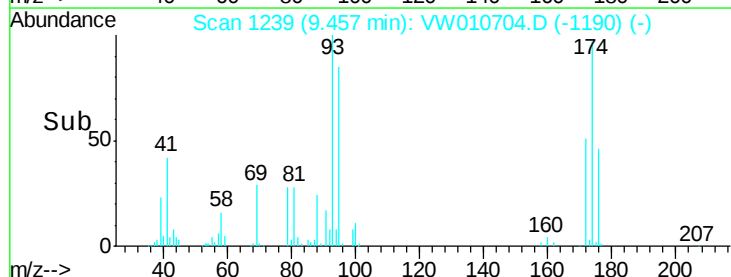
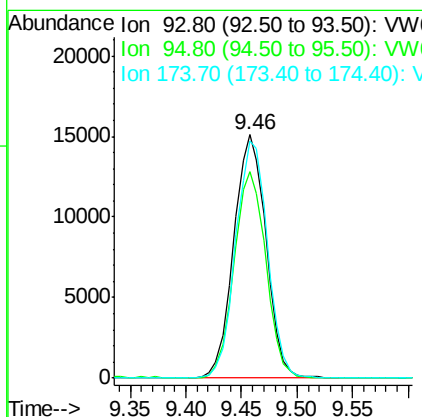
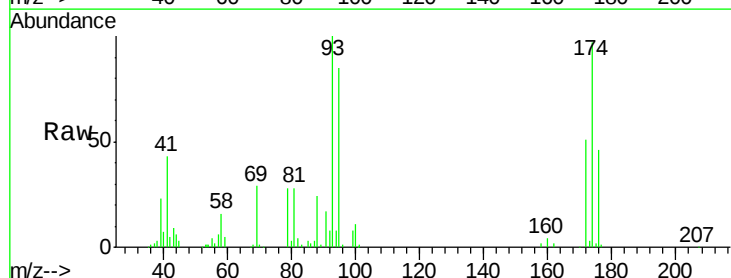
Tgt Ion: 93 Resp: 30282

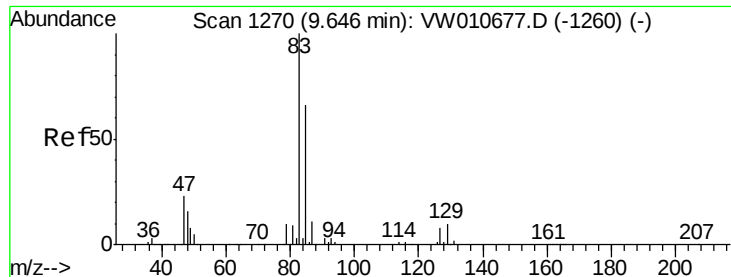
Ion Ratio Lower Upper

93 100

95 83.7 65.8 98.8

174 96.5 77.4 116.0





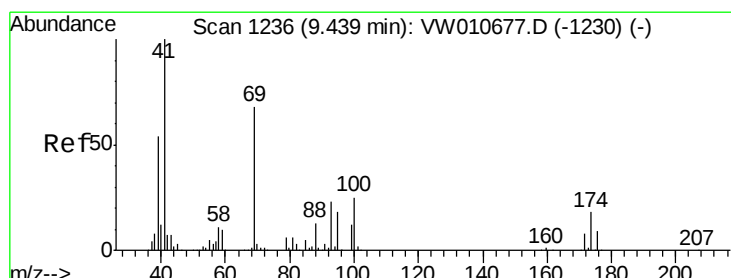
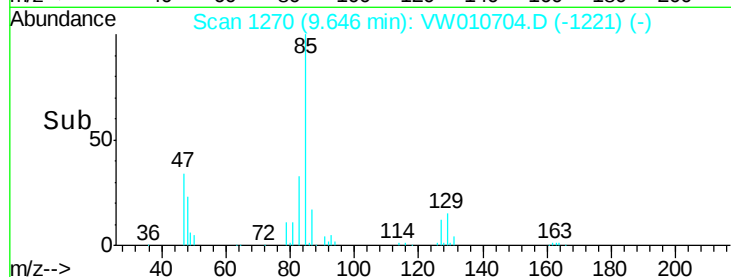
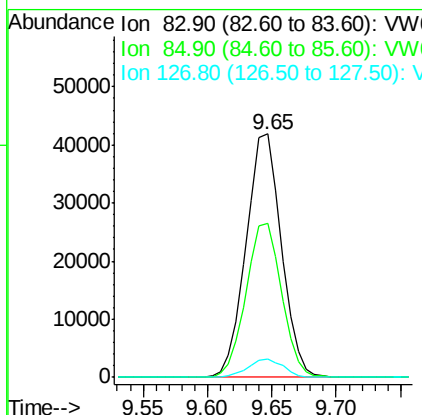
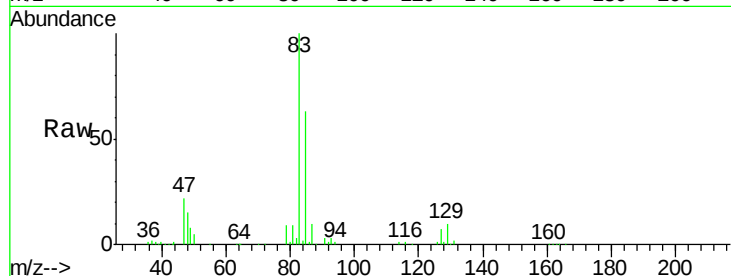
#47
Bromodichloromethane
Concen: 19.803 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	79483		
85	63.2	53.0	79.4	
127	7.3	6.4	9.6	

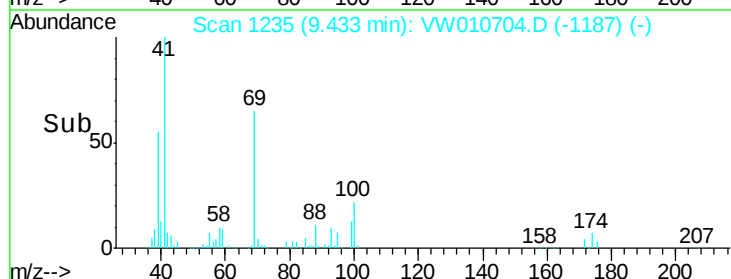
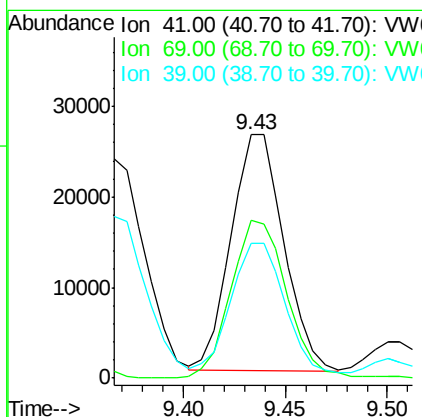
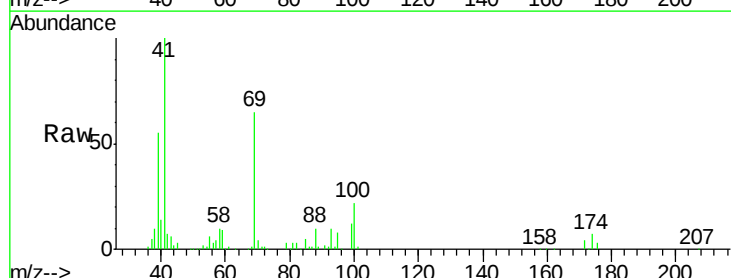
Manual Integrations
APPROVED

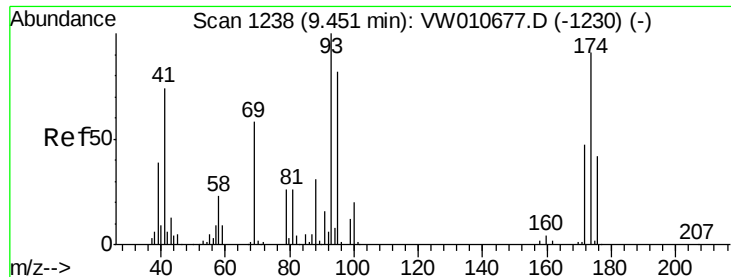
MMDadoda
6/7/2019 11:24:49 AM



#48
Methyl methacrylate
Concen: 19.575 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	46642		
69	71.7	56.6	85.0	
39	55.4	44.4	66.6	





#49

1,4-Dioxane

Concen: 399.038 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

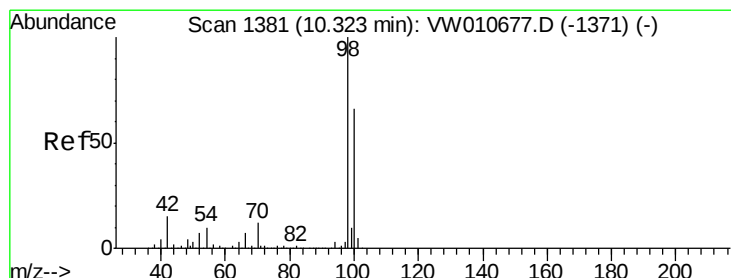
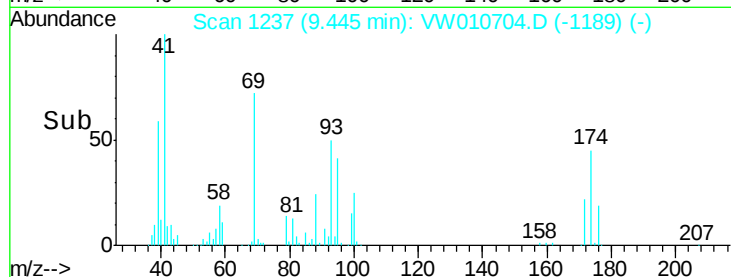
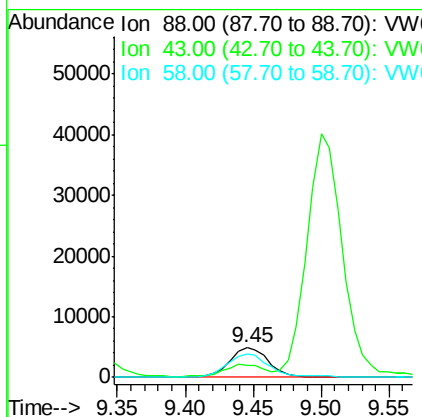
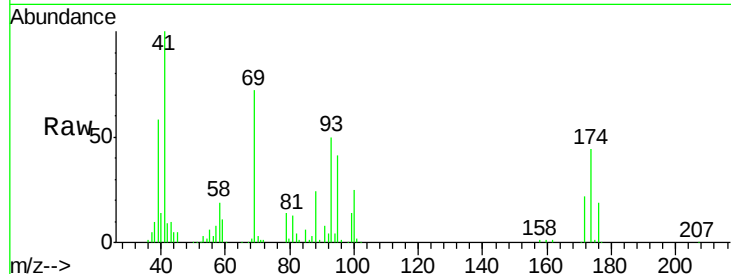
ClientSampled :

VW0606SBS01

Tot Ion	88	Resp	9660
Ion	Ratio	Lower	Upper
88	100		
43	41.9	34.2	51.4
58	83.5	69.0	103.4

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#50

Toluene-d8

Concen: 50.400 ug/l

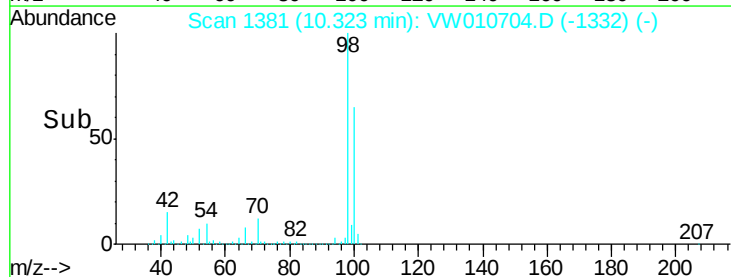
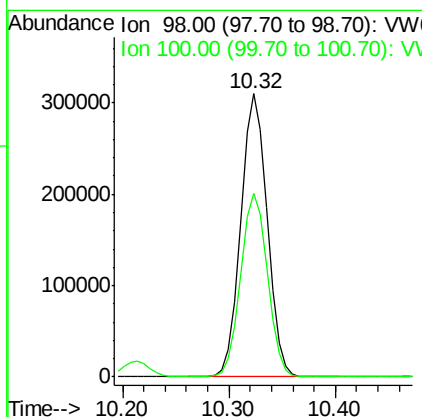
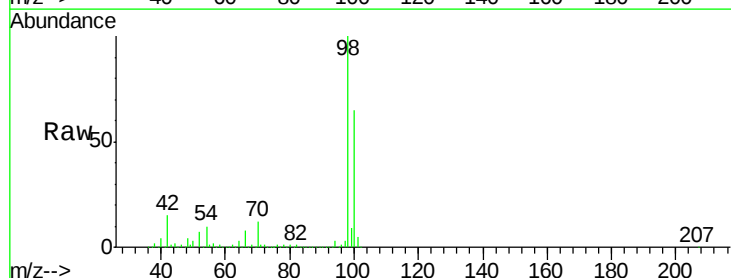
RT: 10.32 min Scan# 1381

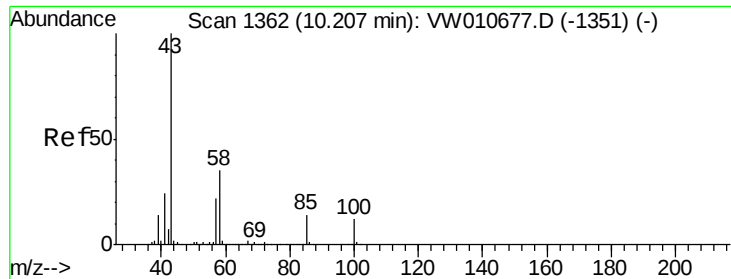
Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Tgt Ion	98	Resp	540988
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 99.545 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion: 43 Resp: 251323

Ion Ratio Lower Upper

43 100

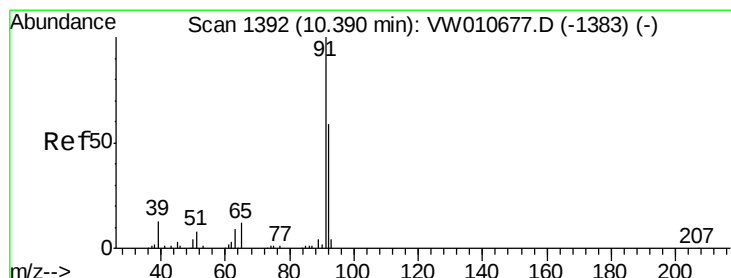
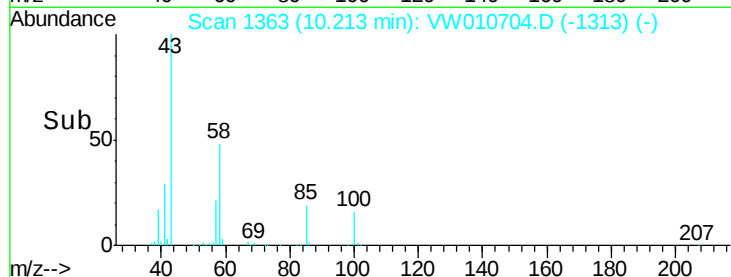
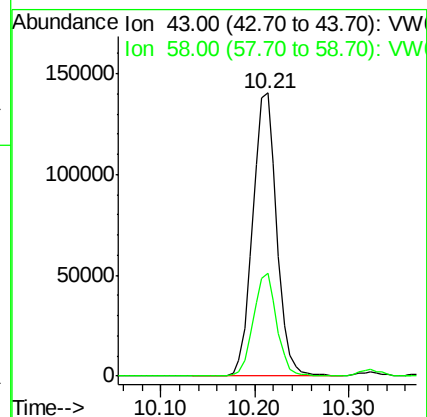
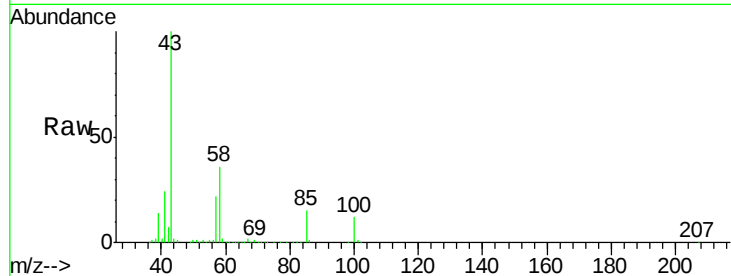
58 35.5 28.4 42.6

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#52

Toluene

Concen: 20.022 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW010704.D

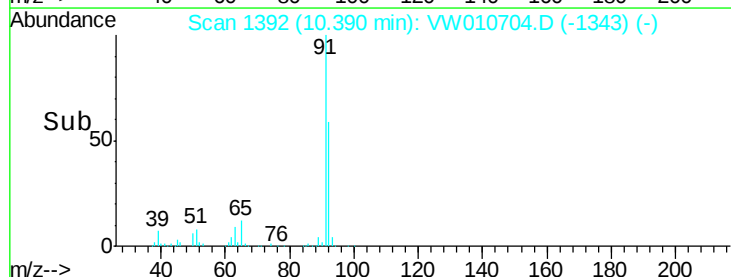
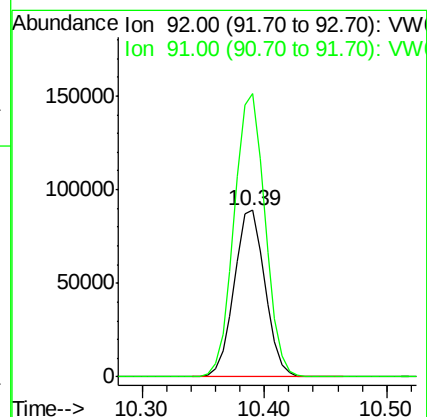
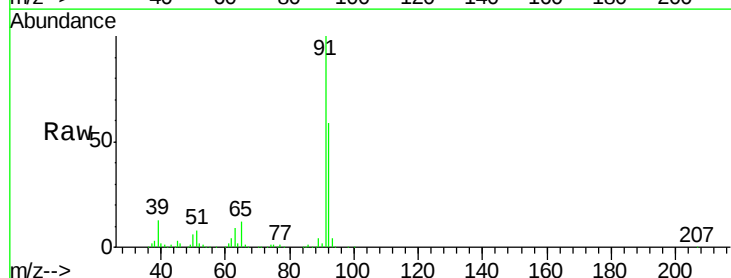
Acq: 06 Jun 2019 12:36

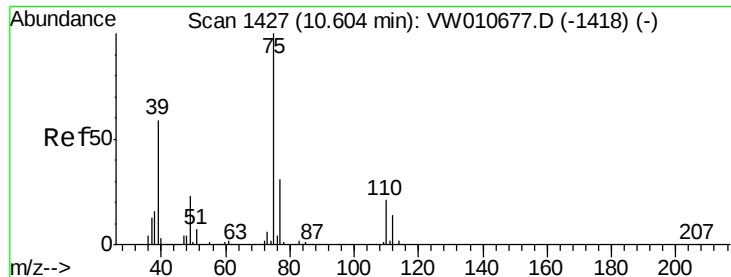
Tgt Ion: 92 Resp: 155138

Ion Ratio Lower Upper

92 100

91 170.4 134.9 202.3





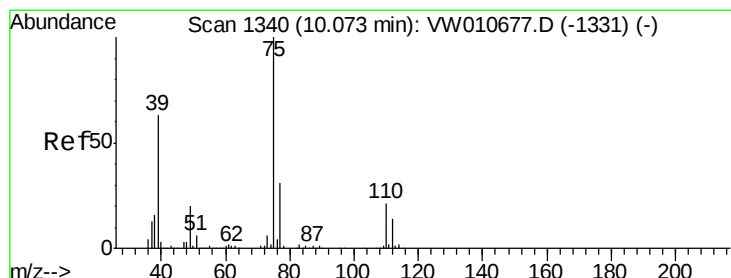
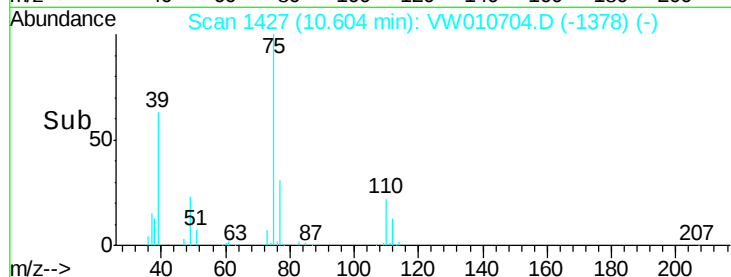
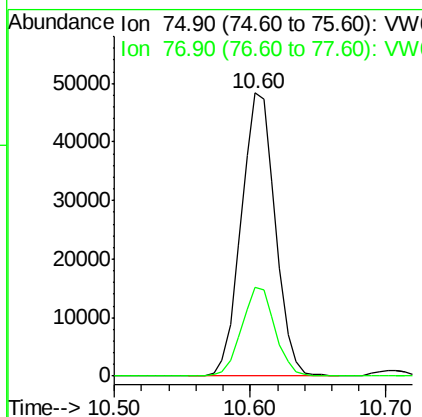
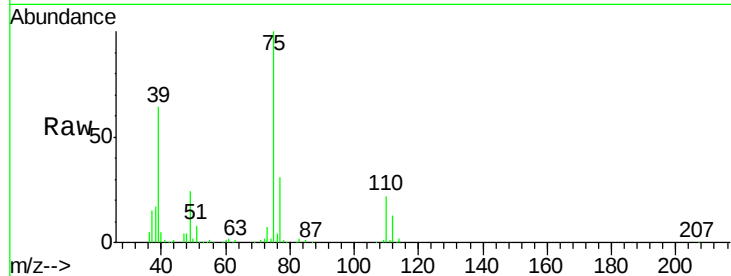
#53
t-1,3-Dichloropropene
Concen: 19.854 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion: 75 Resp: 84405
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8

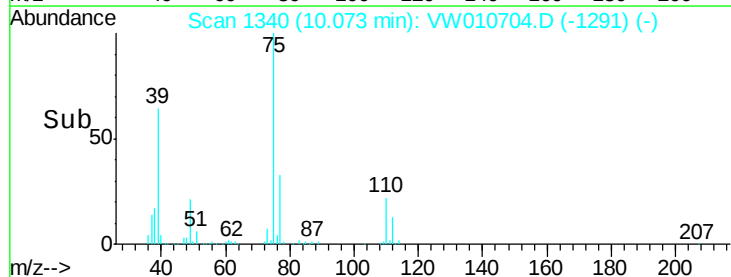
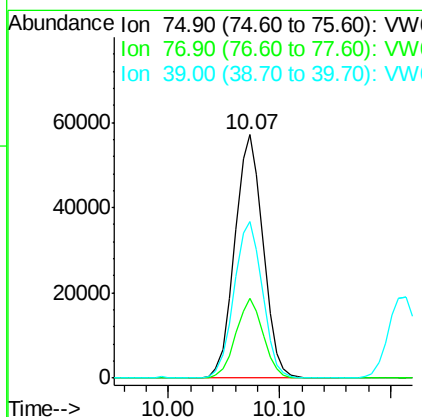
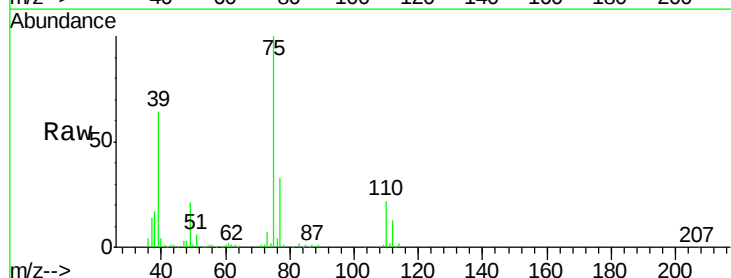
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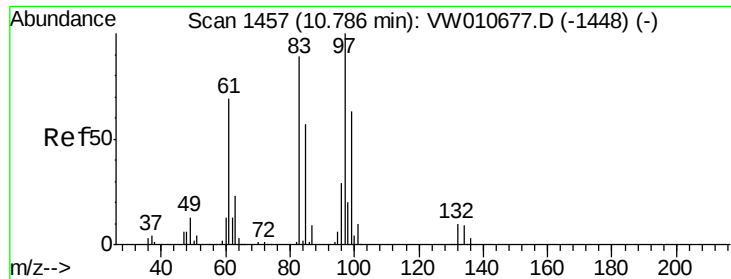
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#54
cis-1,3-Dichloropropene
Concen: 20.051 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion: 75 Resp: 100304
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
39 64.4 50.1 75.1





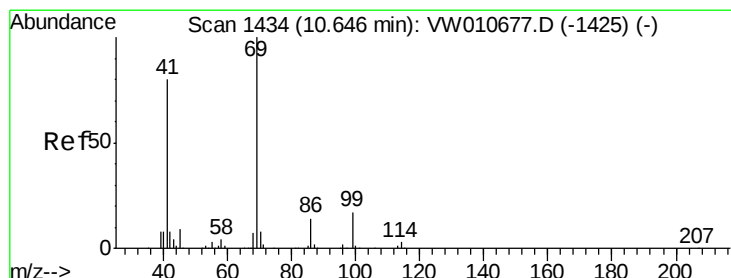
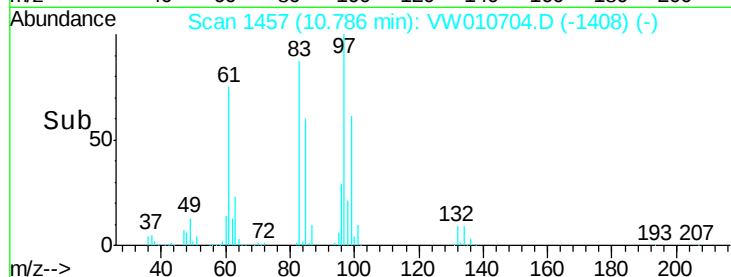
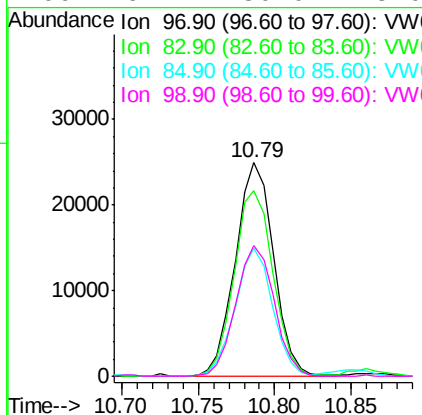
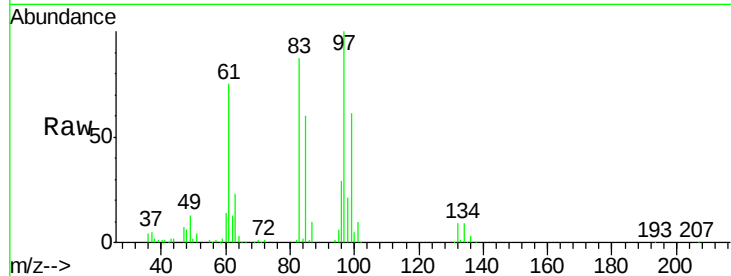
#55
 1,1,2-Trichloroethane
 Concen: 19.479 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion:	97	Resp:	43450
Ion	Ratio	Lower	Upper
97	100		
83	87.0	71.1	106.7
85	59.8	45.2	67.8
99	61.1	50.0	75.0

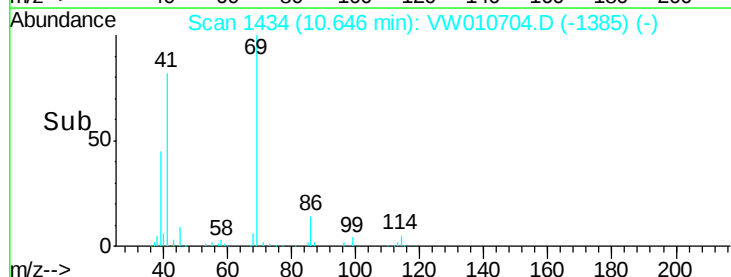
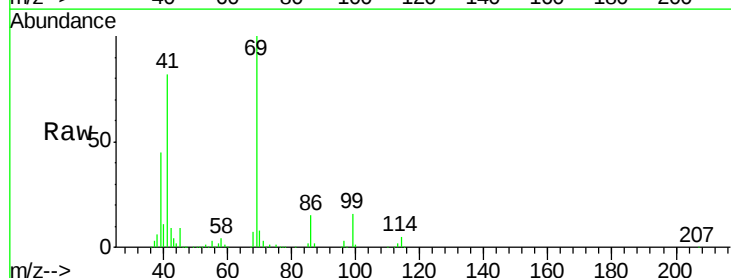
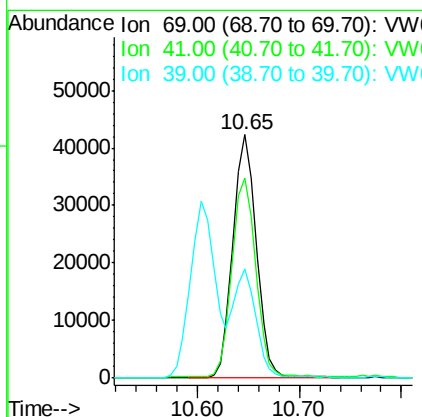
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#56
 Ethyl methacrylate
 Concen: 19.672 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Tgt Ion:	69	Resp:	67522
Ion	Ratio	Lower	Upper
69	100		
41	82.7	64.8	97.2
39	42.0	32.2	48.2





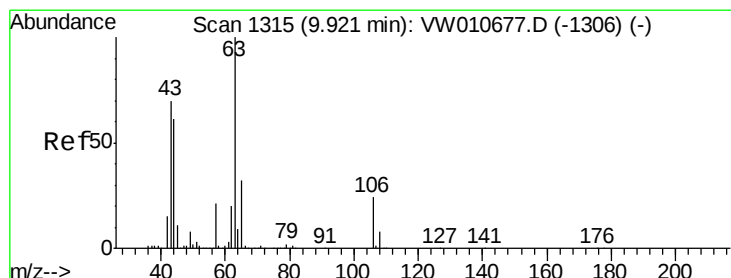
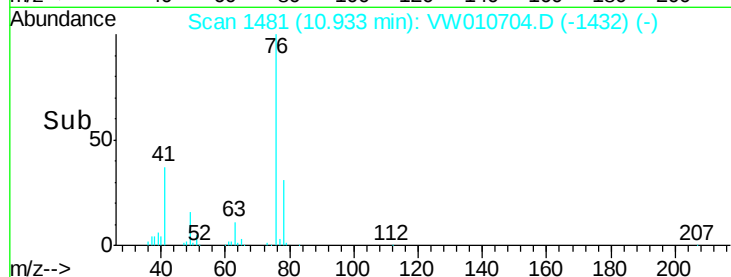
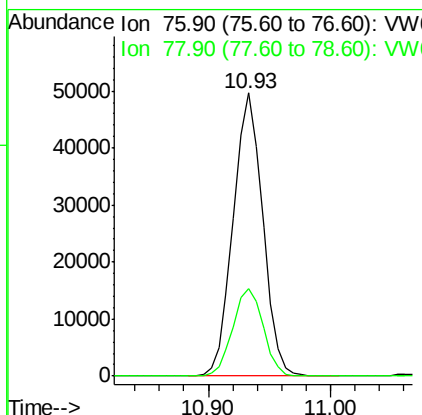
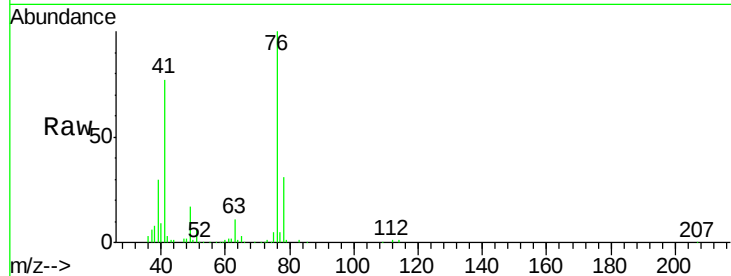
#57
 1,3-Dichloropropane
 Concen: 19.722 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion: 76 Resp: 82905
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5

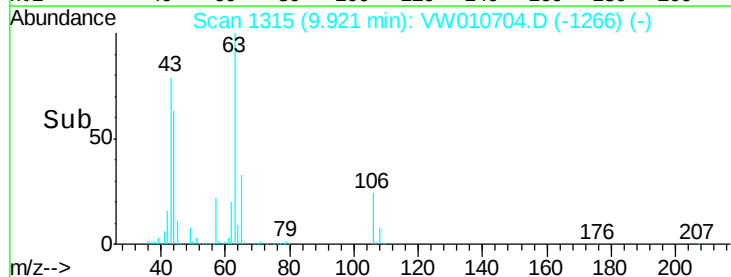
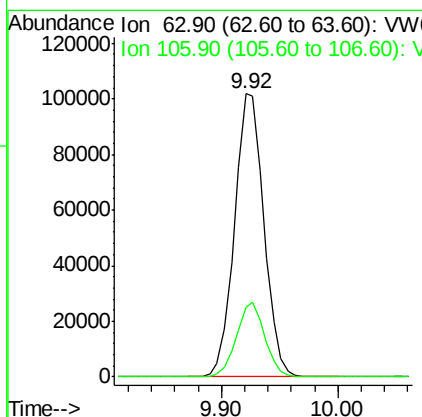
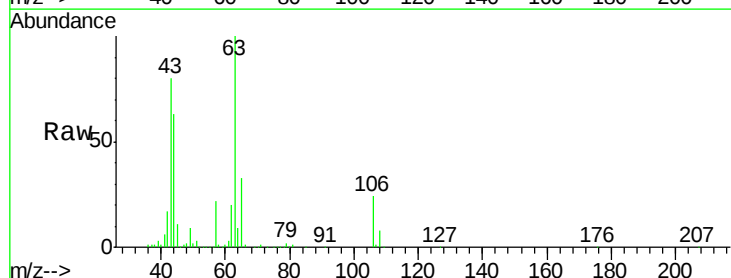
Manual Integrations
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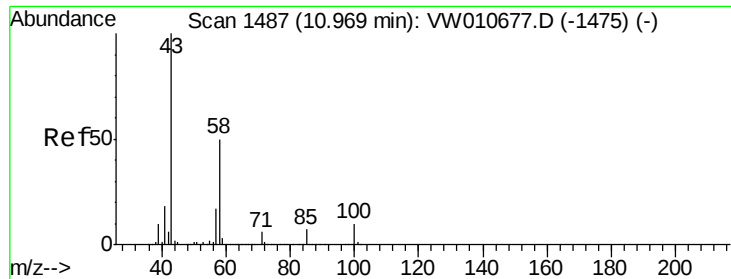
MMDadoda
 6/7/2019 11:24:49 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.634 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Tgt Ion: 63 Resp: 179119
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.1 30.1





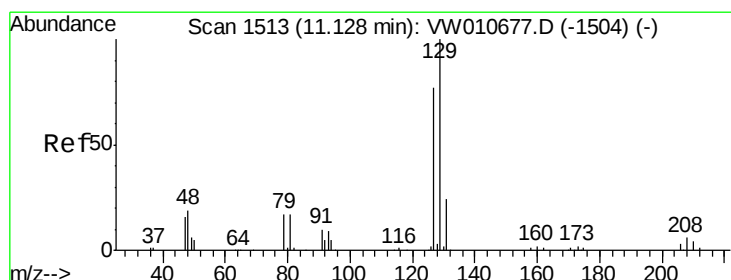
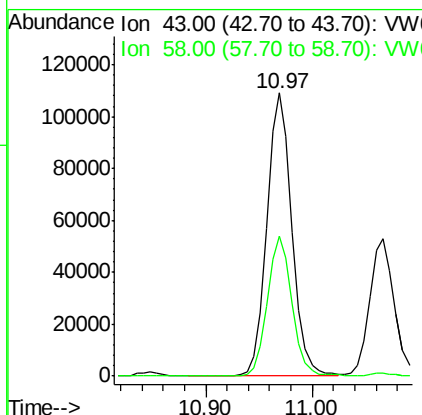
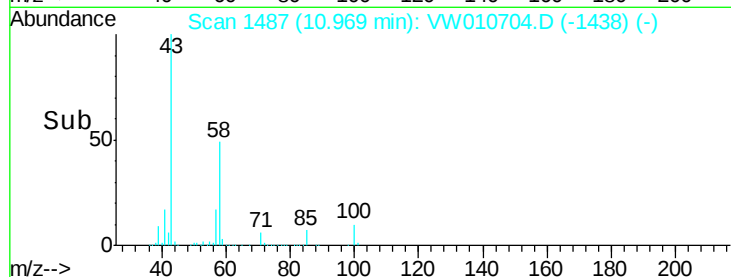
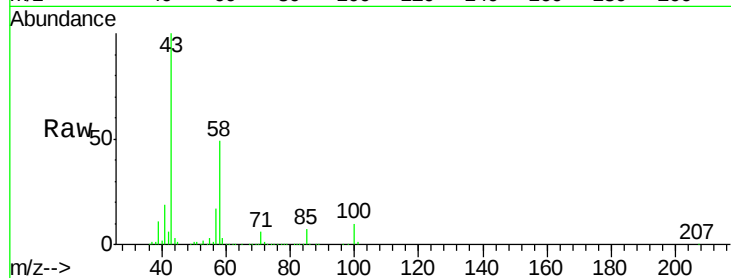
#59
2-Hexanone
Concen: 97.722 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion: 43 Resp: 178310
Ion Ratio Lower Upper
43 100
58 48.7 24.9 74.6

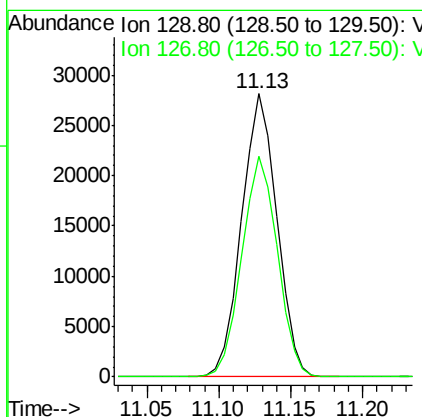
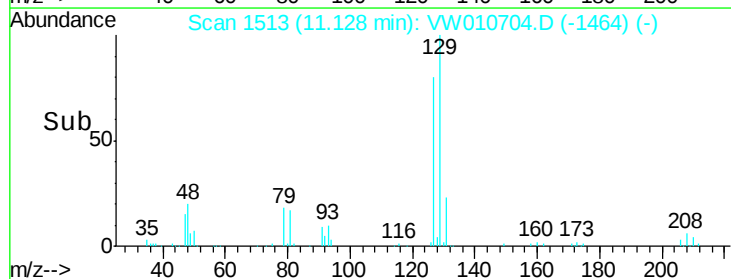
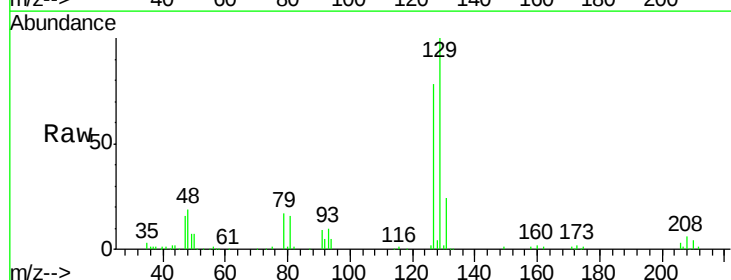
Manual Integrations
APPROVED

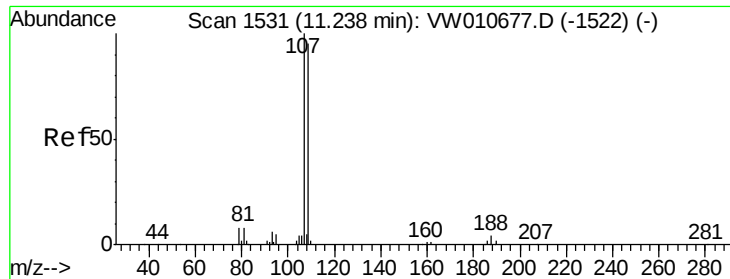
MMDadoda
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#60
Dibromochloromethane
Concen: 19.268 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion: 129 Resp: 47643
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0





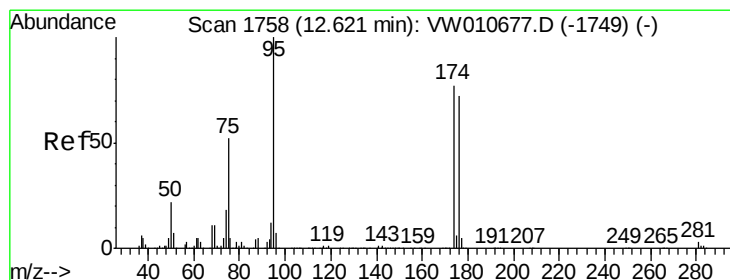
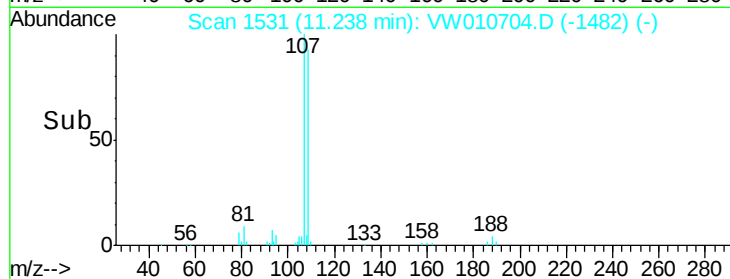
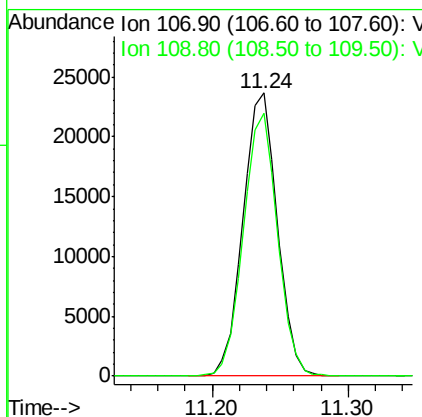
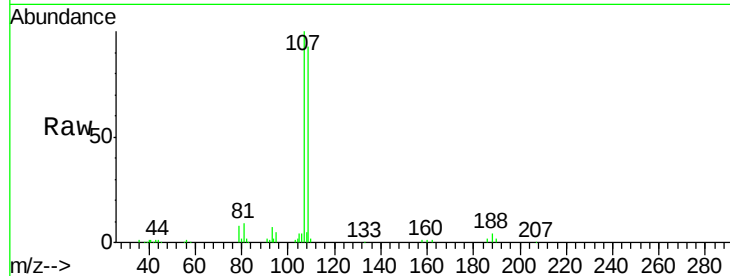
#61
 1,2-Dibromoethane
 Concen: 19.787 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Instrument :
 MSVOA_W
 ClientSampled :
 VW0606SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.8	113.8

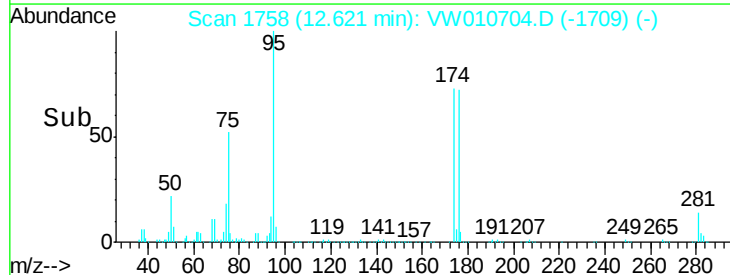
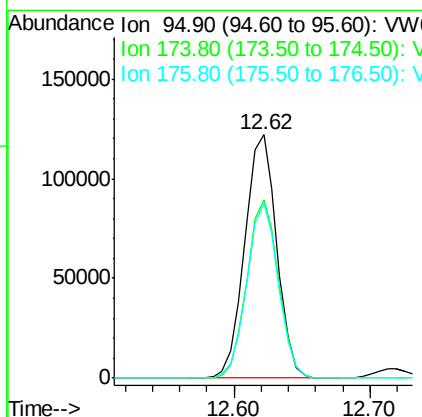
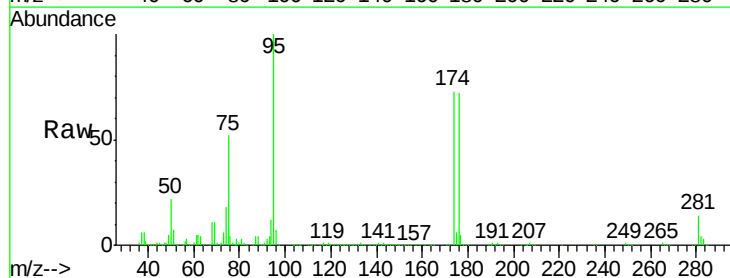
Manual Integrations
 APPROVED

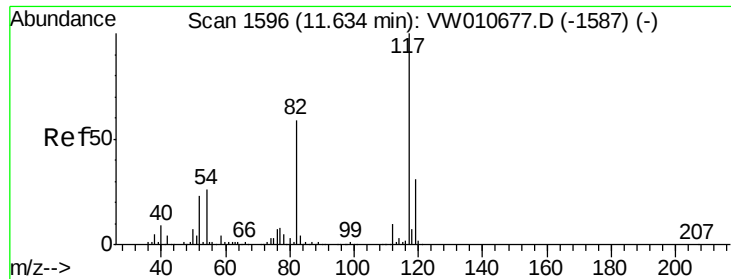
MMDadoda
 6/7/2019 11:24:49 AM



#62
 4-Bromofluorobenzene
 Concen: 51.256 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	150.4
176	71.0	0.0	144.8





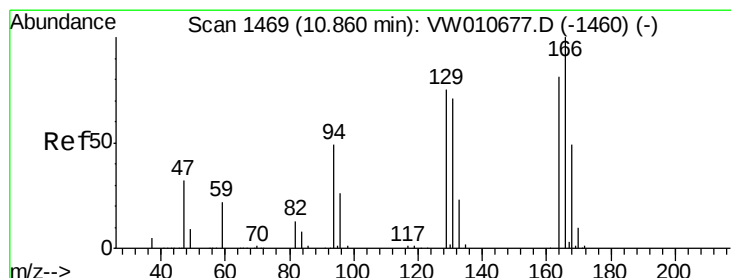
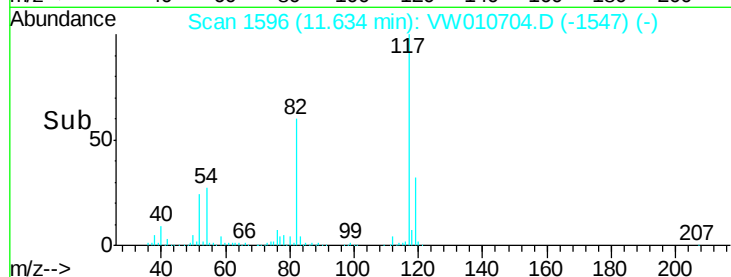
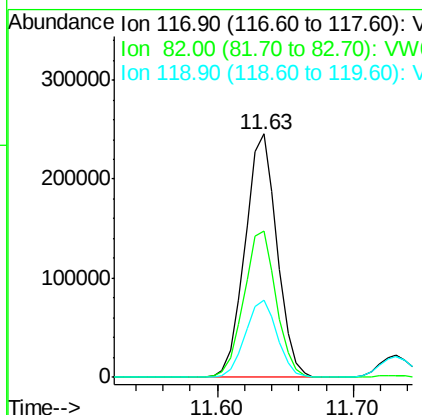
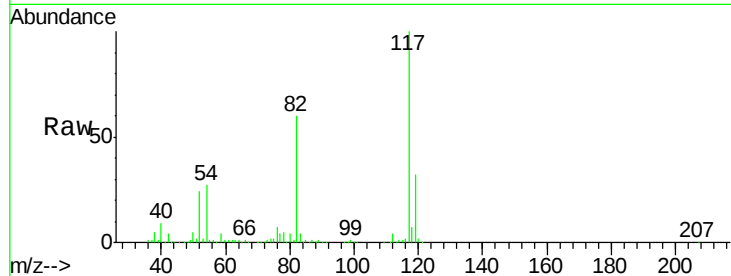
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	47.0	70.4
119	31.7	25.1	37.7

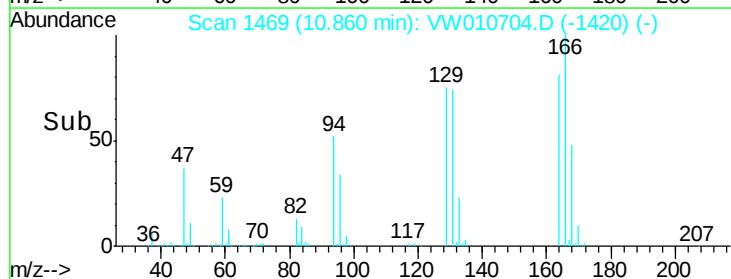
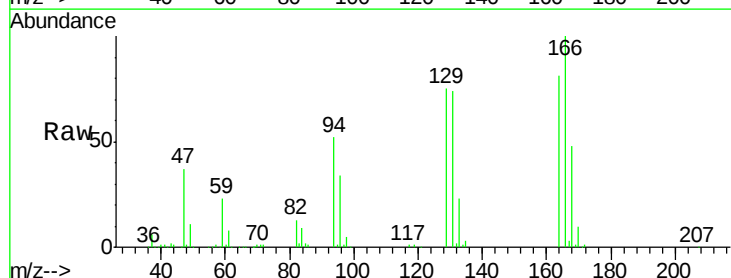
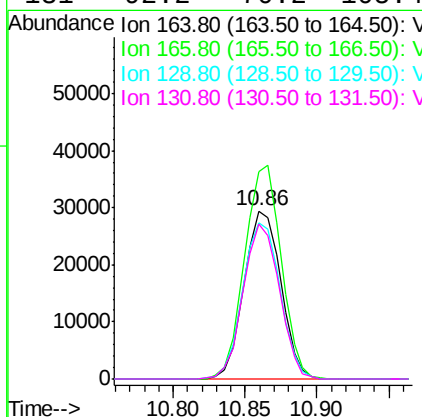
Manual Integrations
APPROVED

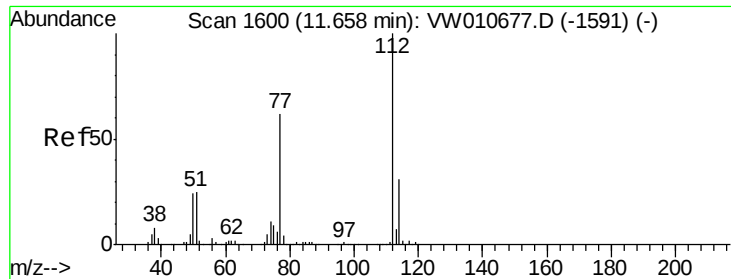
MMDadoda
6/7/2019 11:24:49 AM



#64
Tetrachloroethene
Concen: 19.414 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	99.2	148.8
129	93.2	74.6	112.0
131	92.2	70.2	105.4





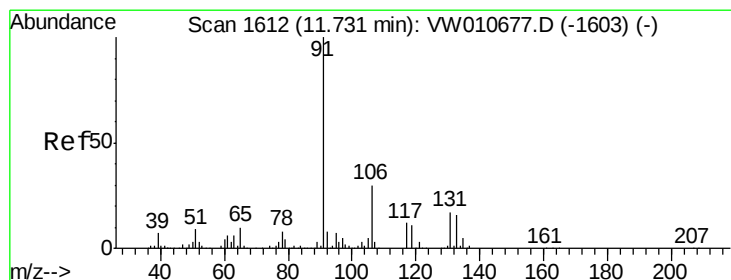
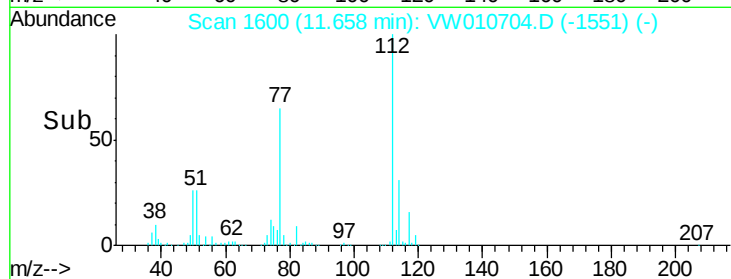
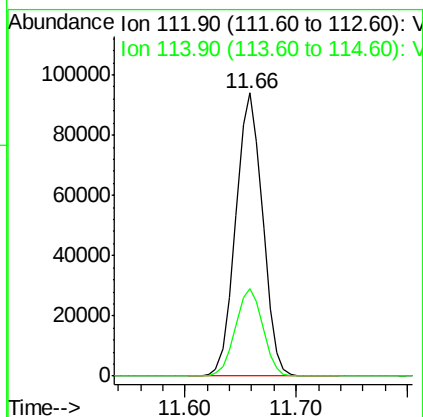
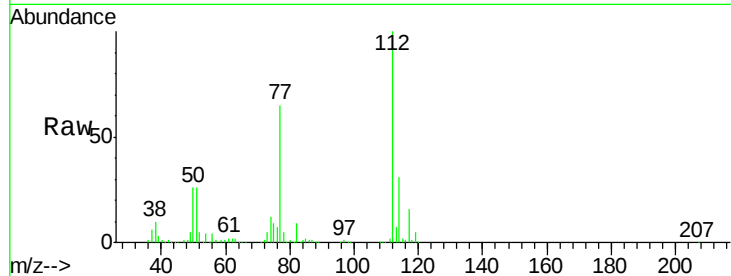
#65
Chlorobenzene
Concen: 19.778 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.1	24.8	37.2

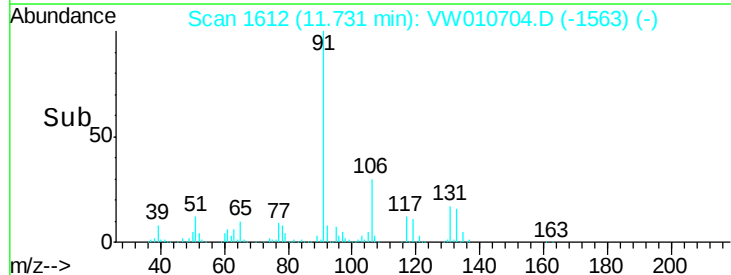
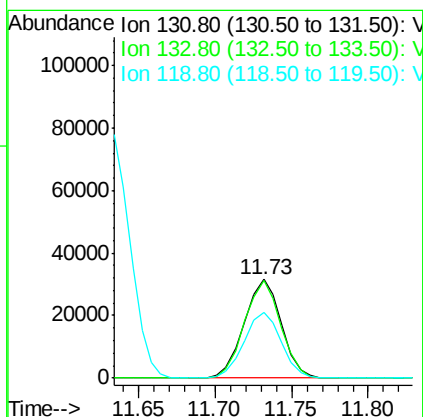
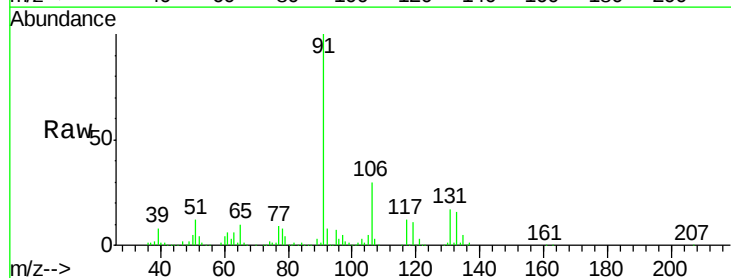
Manual Integrations
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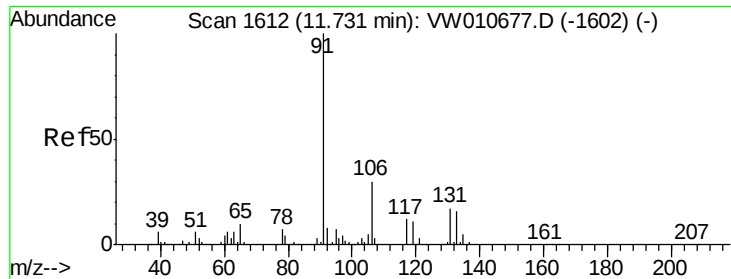
MMDadoda
6/7/2019 11:24:49 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.370 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.3	141.9
119	66.8	32.4	97.0





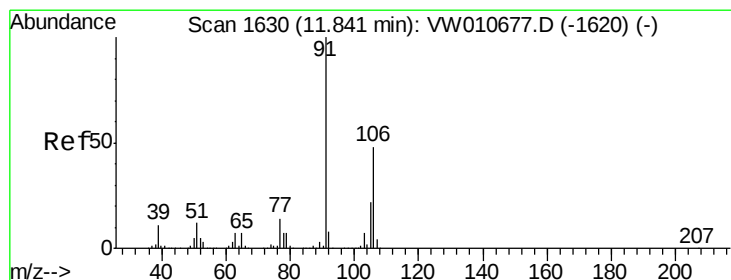
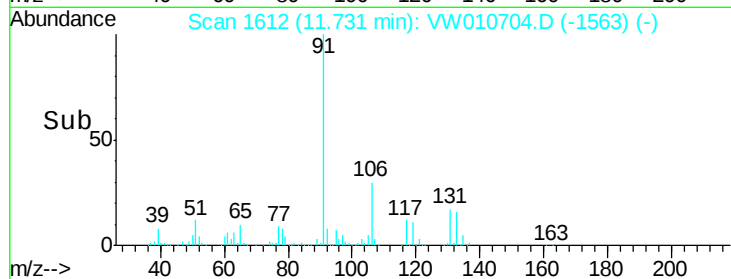
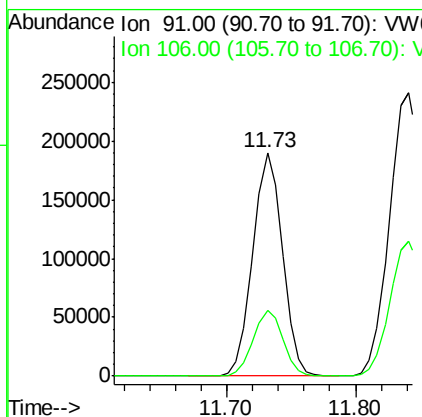
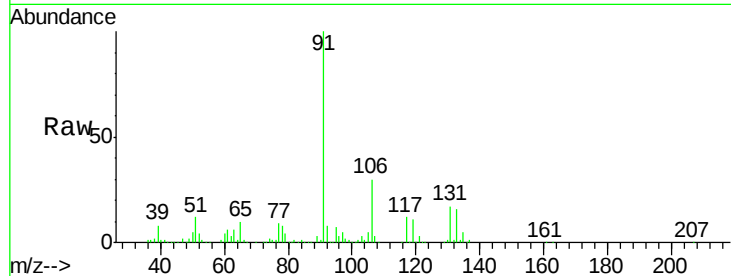
#67
Ethyl Benzene
Concen: 19.745 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion: 91 Resp: 301063
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.4

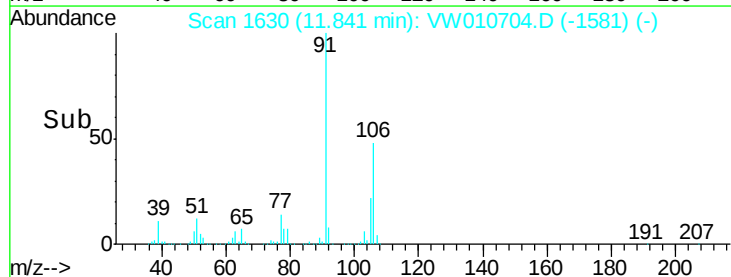
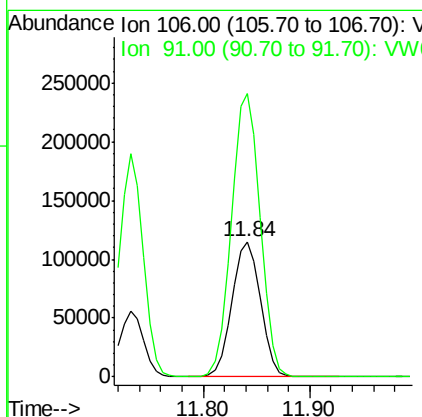
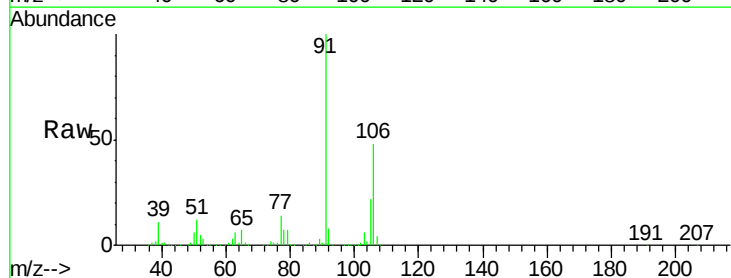
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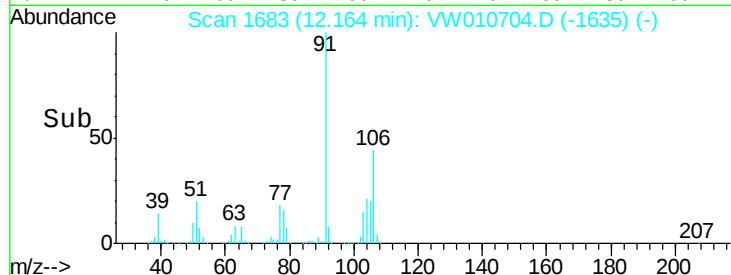
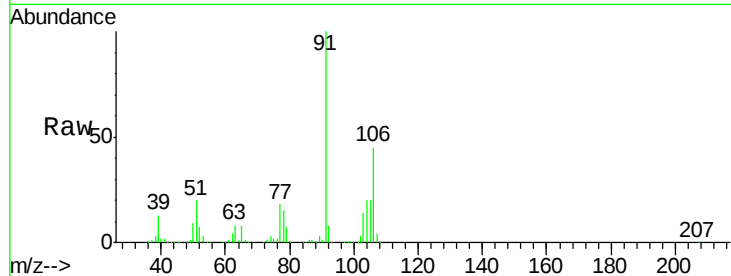
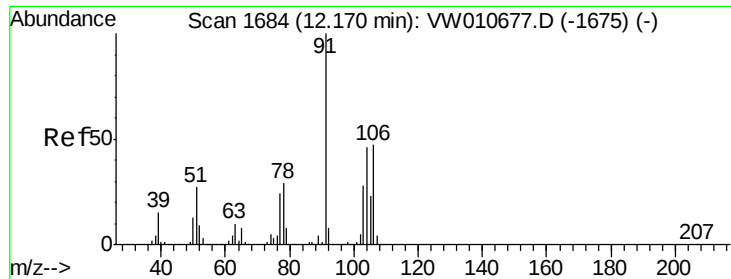
MMDadoda
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#68
m/p-Xylenes
Concen: 39.710 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion: 106 Resp: 216741
Ion Ratio Lower Upper
106 100
91 210.0 166.5 249.7





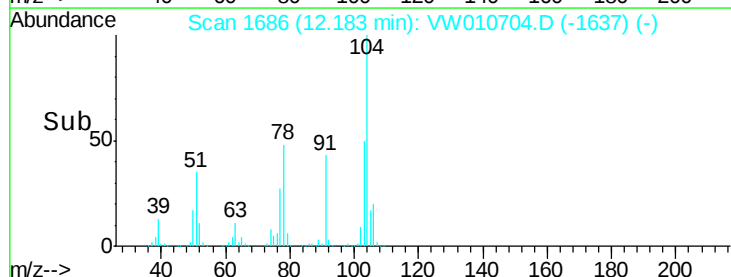
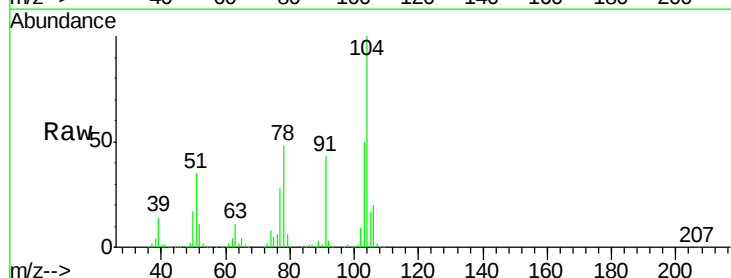
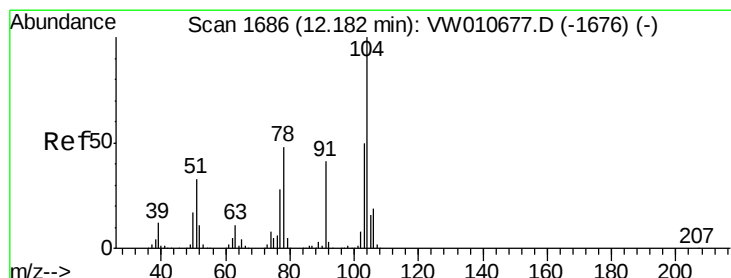
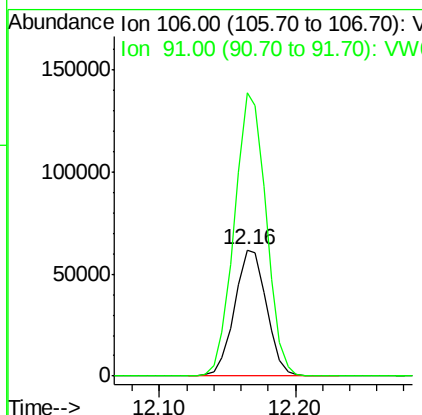
#69
o-Xylene
Concen: 19.563 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	101270		
91	91	223.1	108.9	326.6	

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

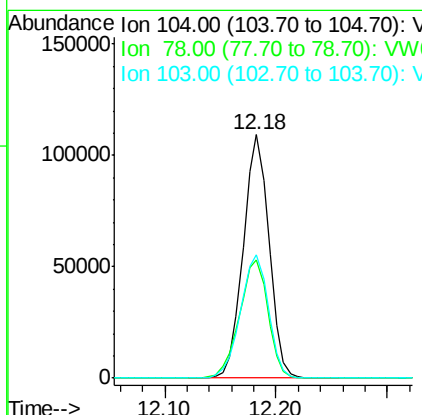
Manual Integrations
APPROVED

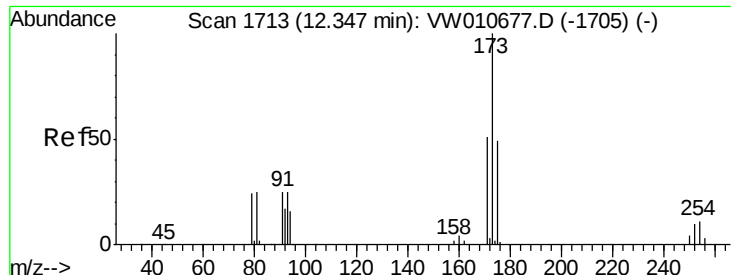
MMDadoda
6/7/2019 11:24:49 AM



#70
Styrene
Concen: 19.539 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	175703		
78	78	53.7	42.7	64.1	
103	103	55.0	43.6	65.4	





#71

Bromoform

Concen: 18.723 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

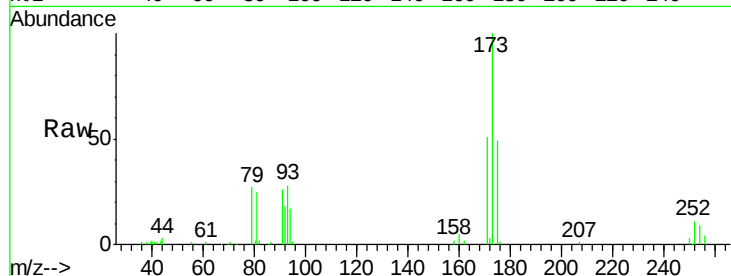
ClientSampleId :

VW0606SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.3	72.8
254	0.0	0.1	0.1#

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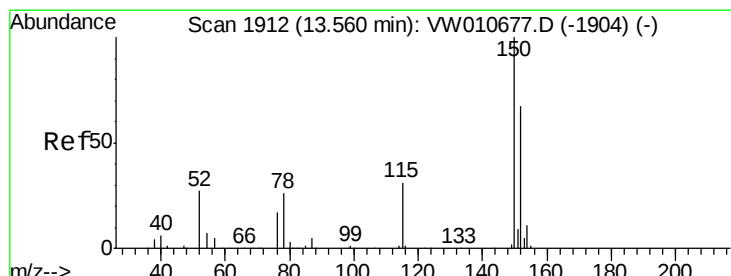
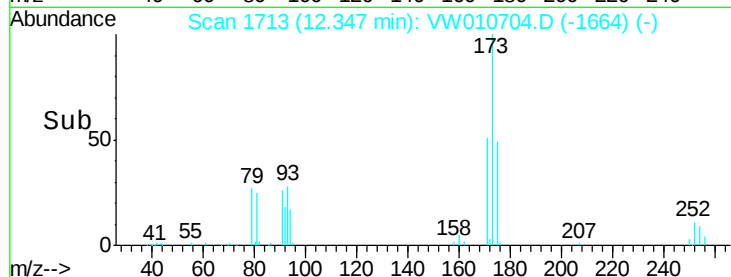
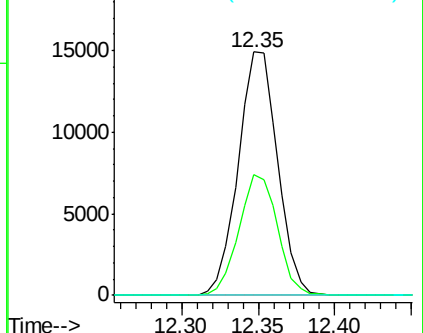


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

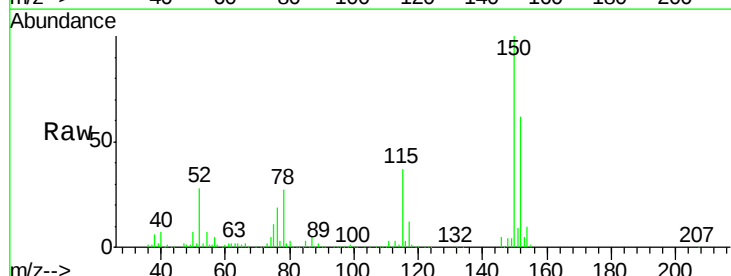
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.3	29.8	89.3
150	163.2	0.0	345.0

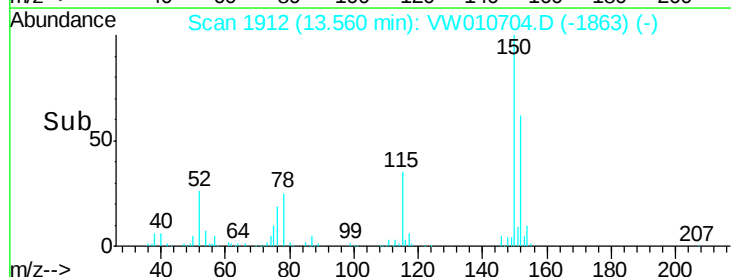
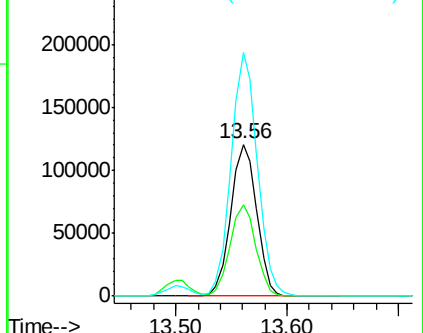


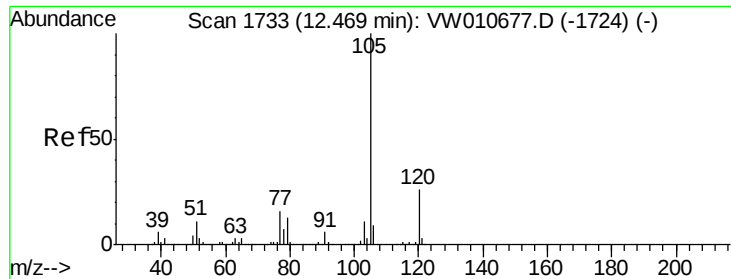
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.713 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion:105 Resp: 286796

Ion Ratio Lower Upper

105 100

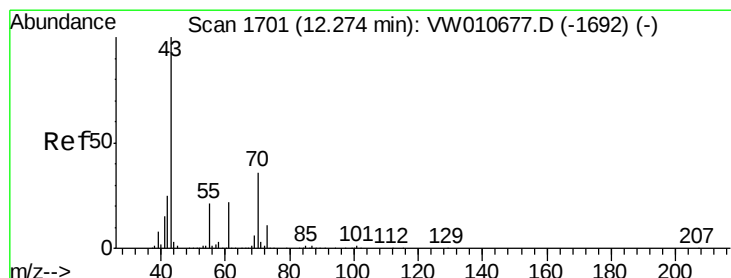
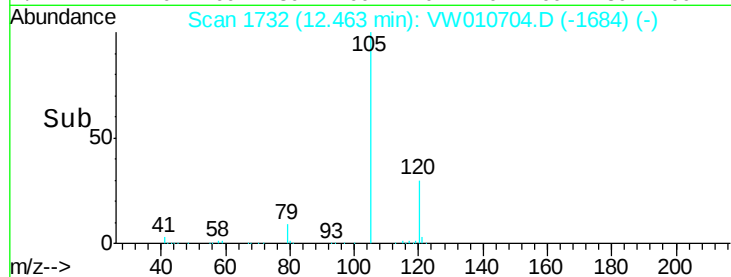
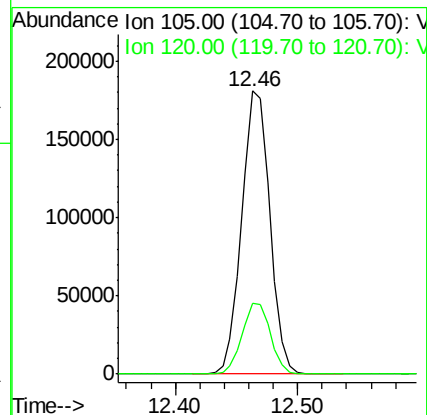
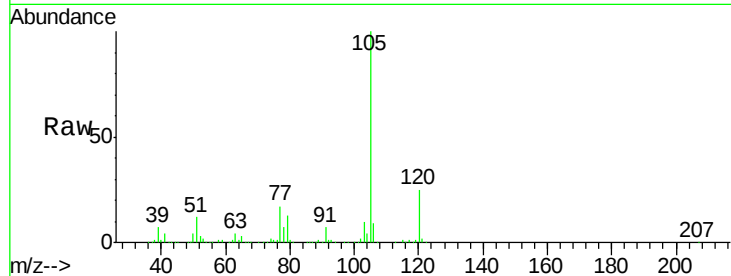
120 25.4 13.1 39.1

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#74

N-ethyl acetate

Concen: 19.414 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Tgt Ion: 43 Resp: 91283

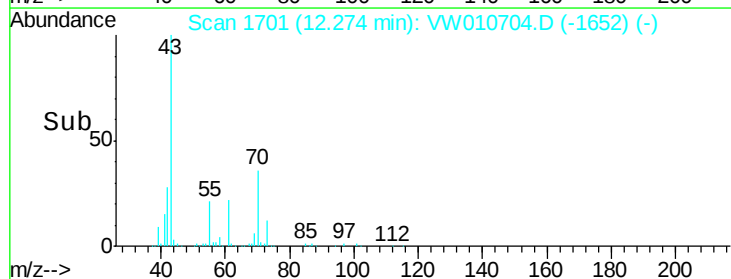
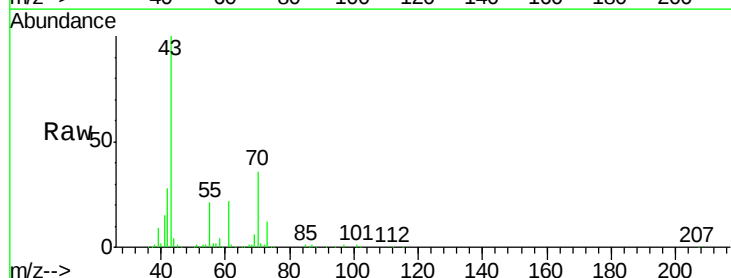
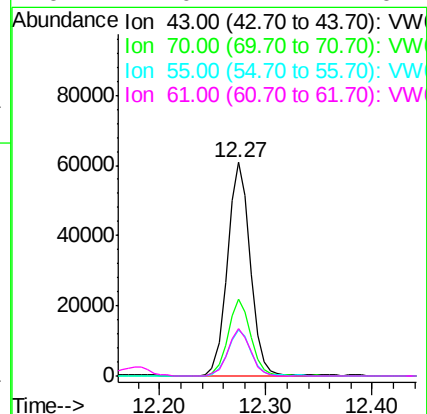
Ion Ratio Lower Upper

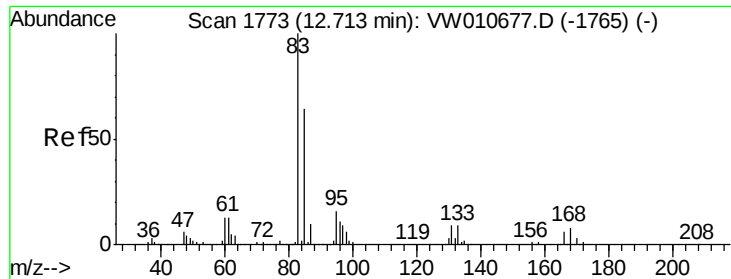
43 100

70 35.9 29.2 43.8

55 21.8 17.5 26.3

61 22.0 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.867 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

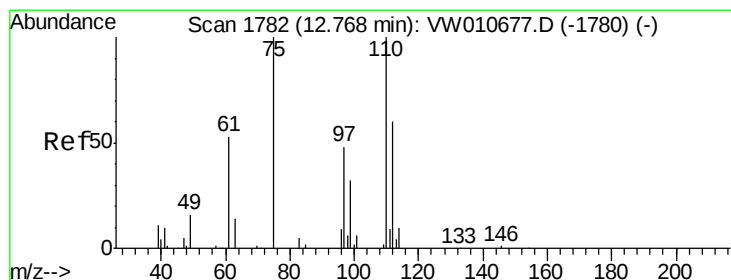
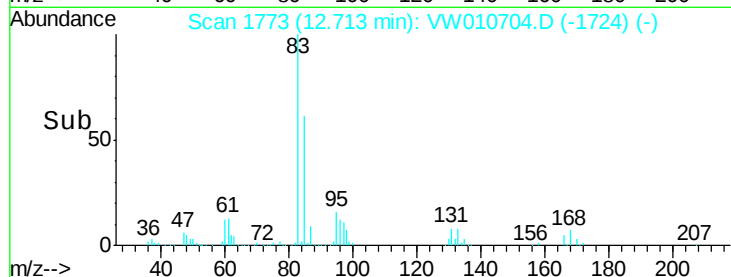
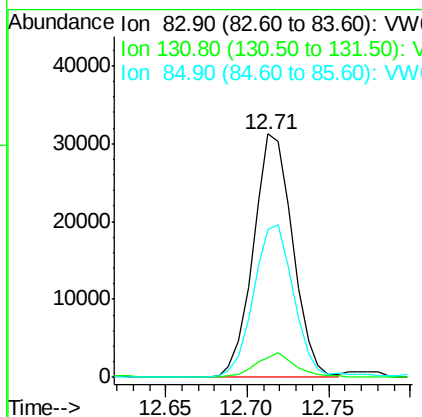
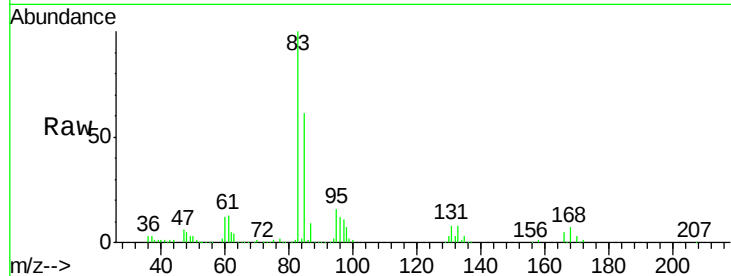
ClientSampleId :

VW0606SBS01

Tot Ion:	83	Resp:	52255
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.9	14.7
85	64.9	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.333 ug/l m

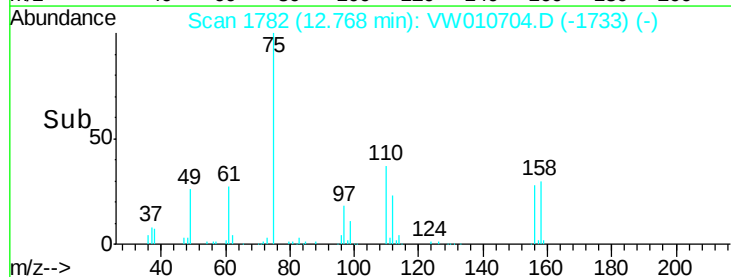
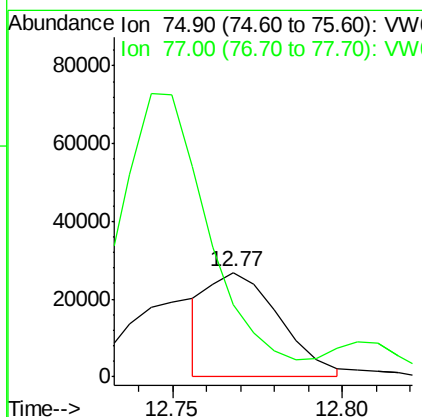
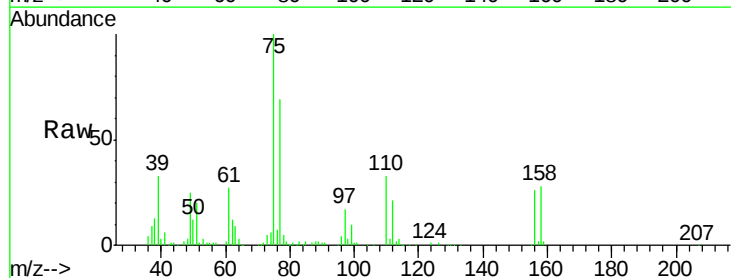
RT: 12.77 min Scan# 1782

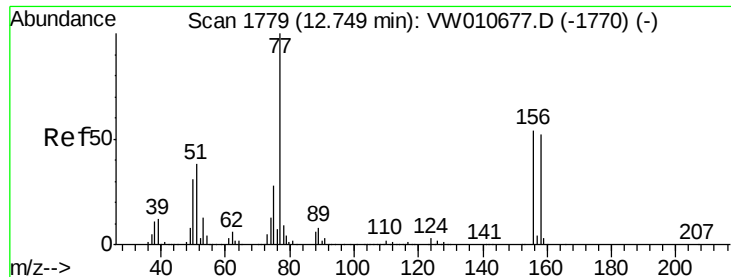
Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Tgt Ion:	75	Resp:	39306
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.478 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

ClientSampleId :

VW0606SBS01

Tot Ion:156 Resp: 61856

Ion Ratio Lower Upper

156 100

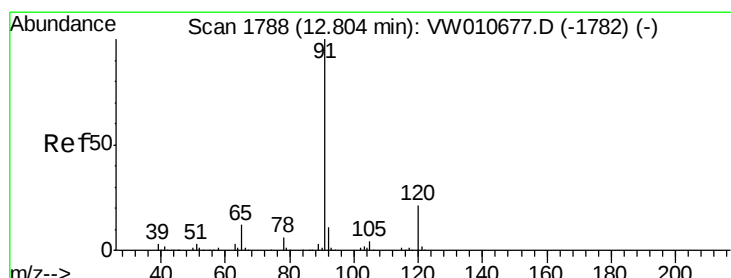
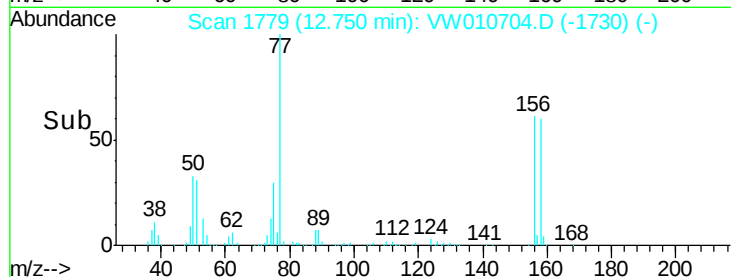
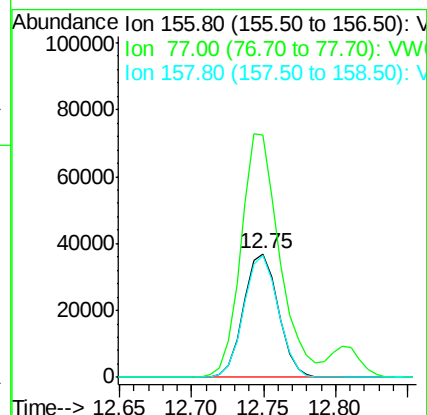
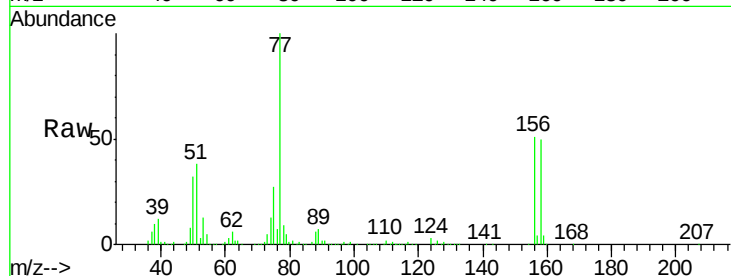
77 217.6 106.5 319.4

158 97.9 48.3 144.9

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#78

n-propylbenzene

Concen: 20.028 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW010704.D

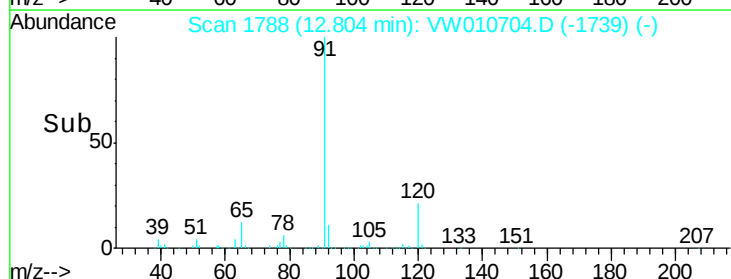
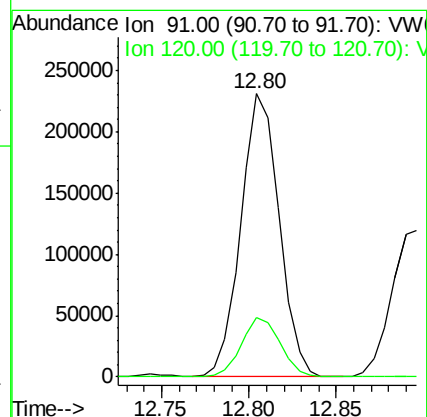
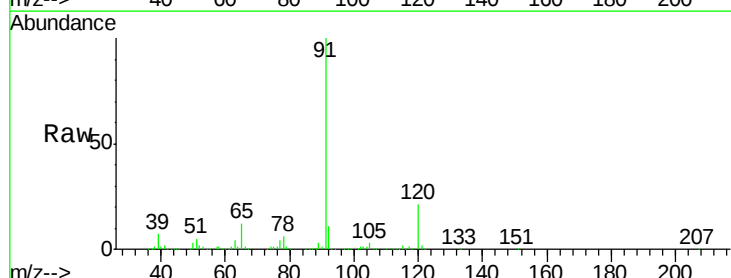
Acq: 06 Jun 2019 12:36

Tgt Ion: 91 Resp: 351342

Ion Ratio Lower Upper

91 100

120 21.4 10.8 32.4





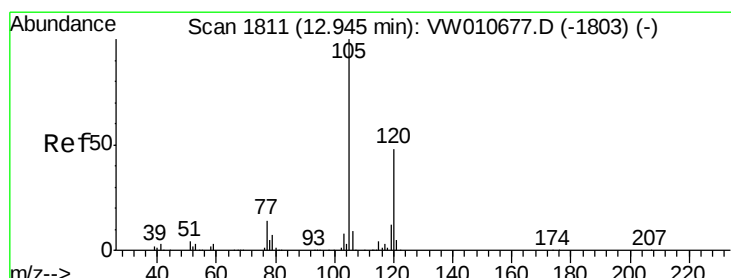
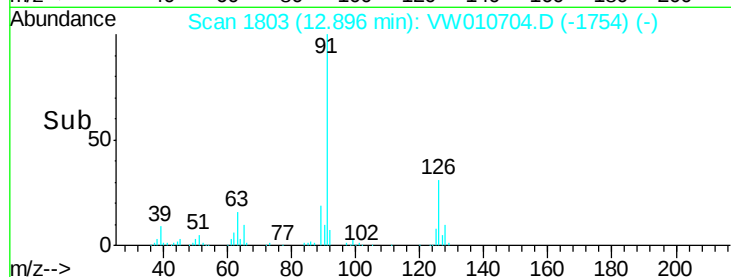
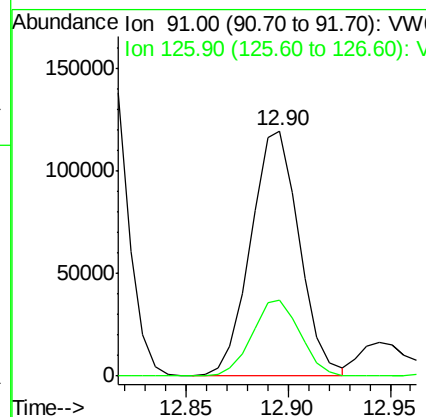
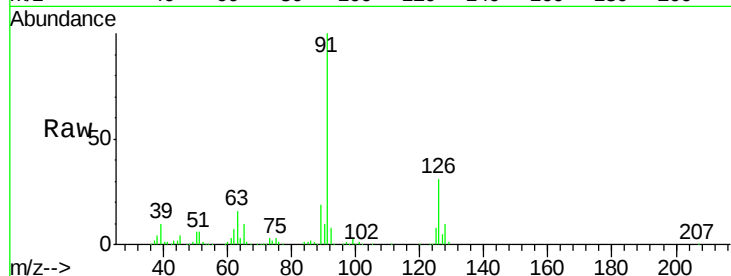
#79
2-Chlorotoluene
Concen: 19.715 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion: 91 Resp: 197590
Ion Ratio Lower Upper
91 100
126 30.6 15.7 47.0

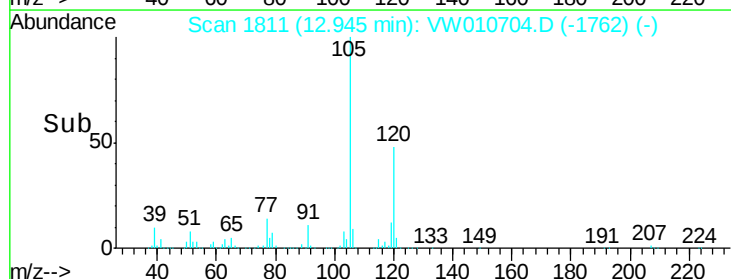
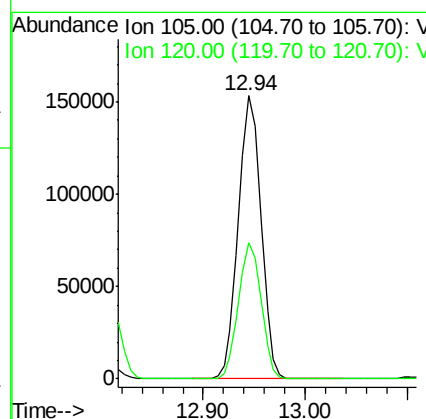
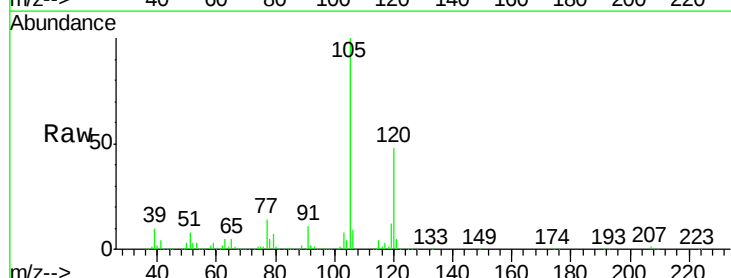
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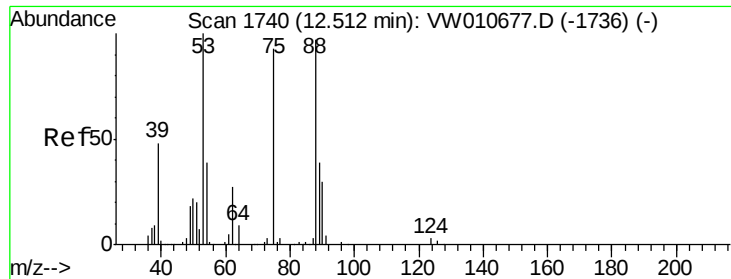
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 19.878 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion: 105 Resp: 236705
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8





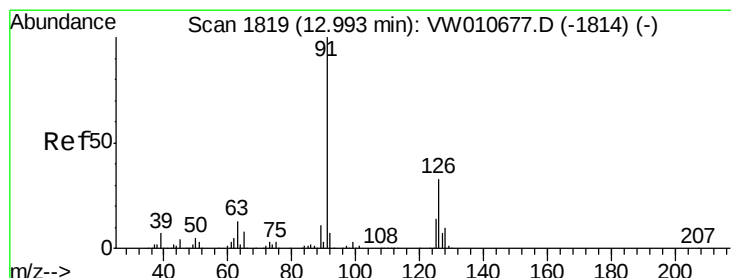
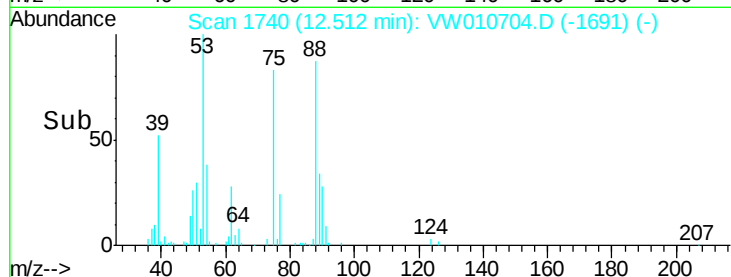
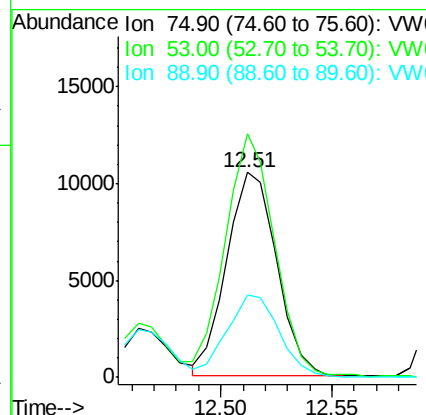
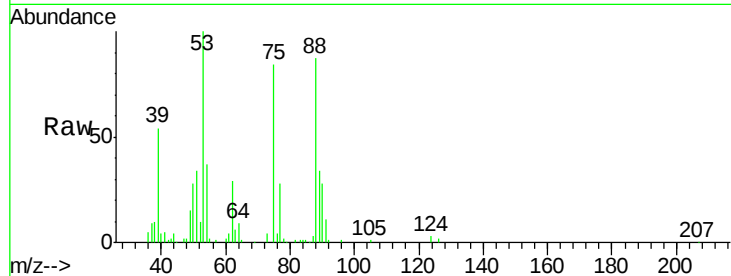
#81
trans-1,4-Dichloro-2-butene
Concen: 18.535 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	118.3	90.1	135.1
89	42.4	34.6	52.0

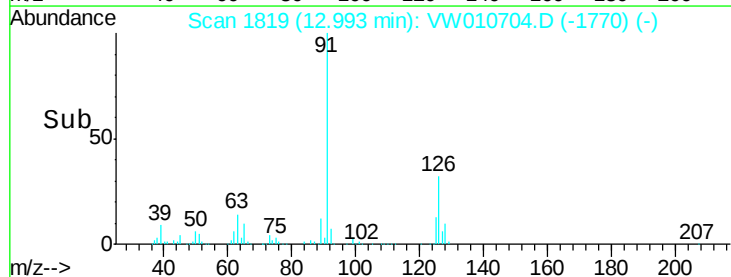
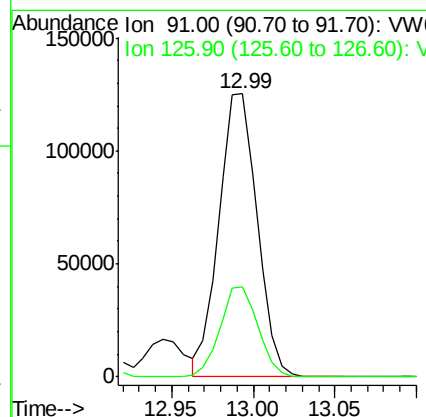
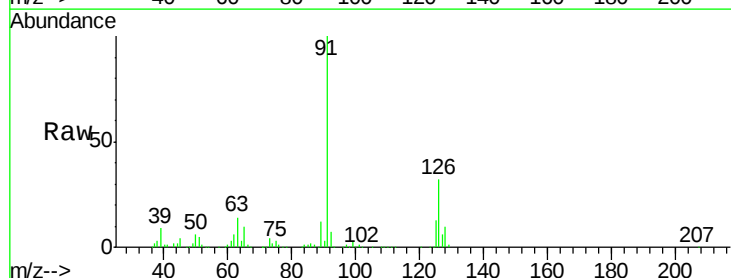
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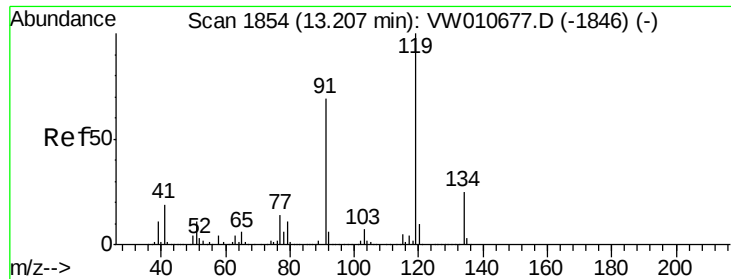
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#82
4-Chlorotoluene
Concen: 19.770 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.9	47.7





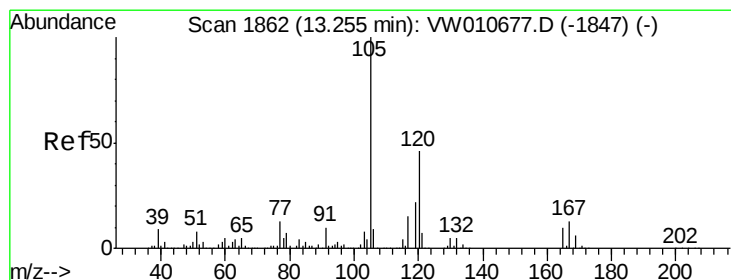
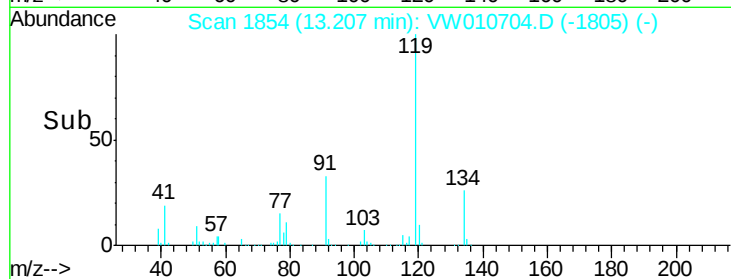
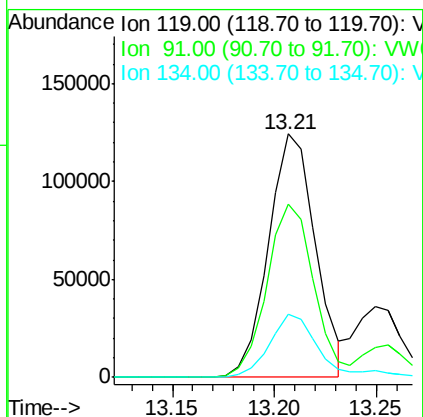
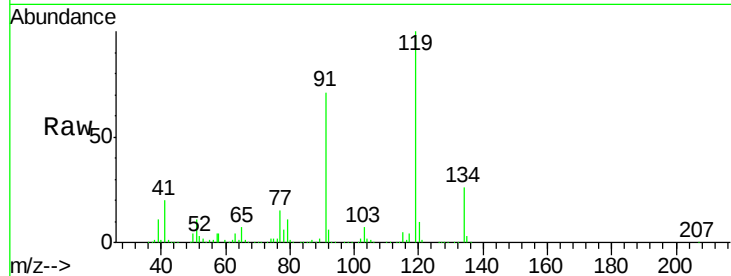
#83
tert-Butylbenzene
Concen: 19.706 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	199155		
91	71.5	35.1	105.3	
134	27.3	13.6	40.7	

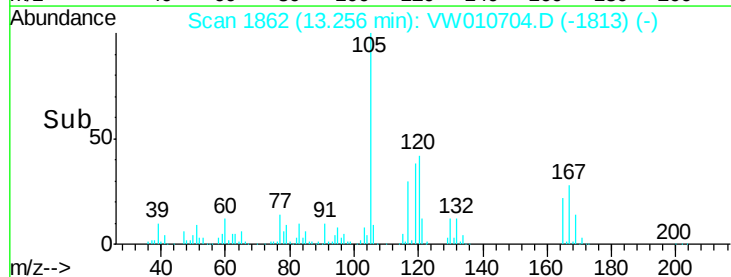
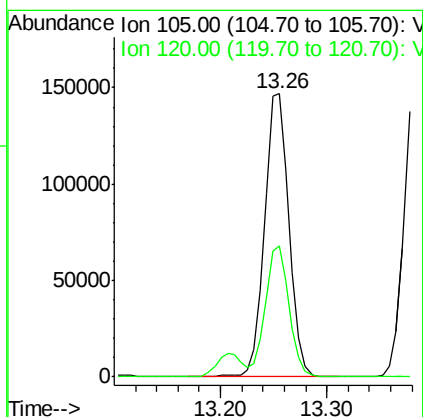
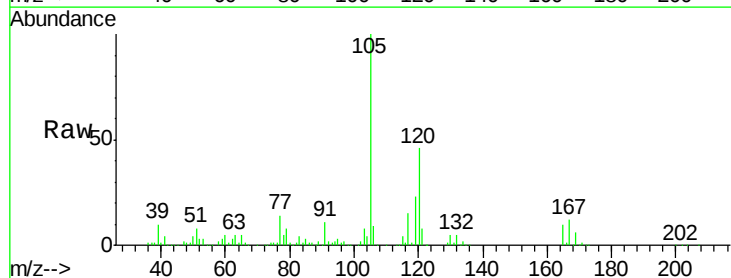
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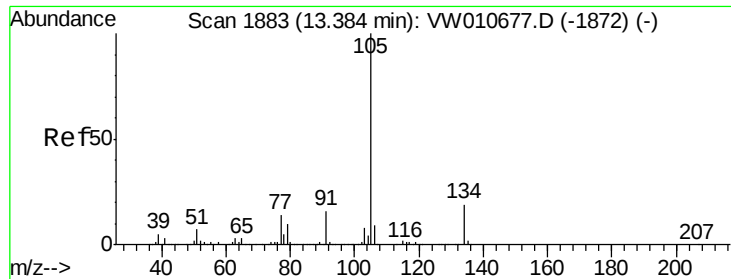
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#84
1,2,4-Trimethylbenzene
Concen: 19.705 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	236121		
120	44.9	22.5	67.5	





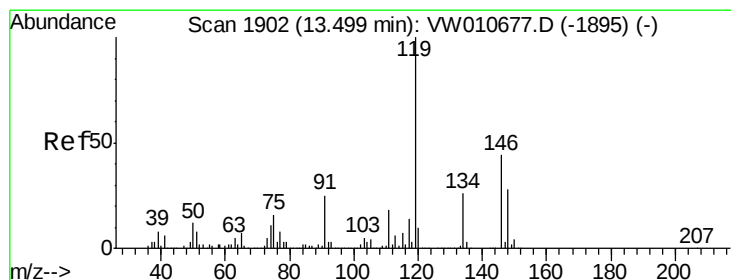
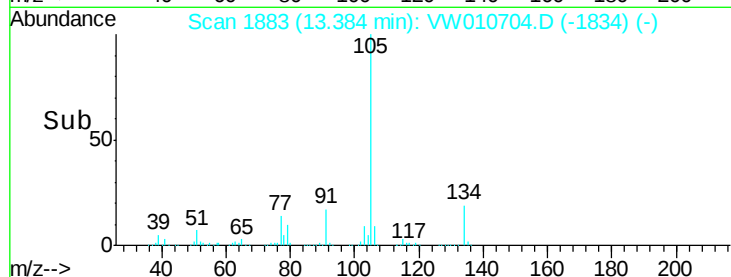
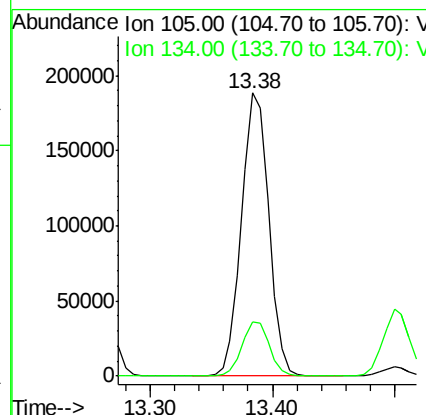
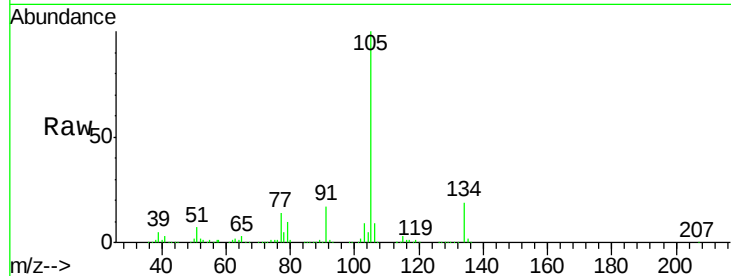
#85
 sec-Butylbenzene
 Concen: 19.774 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

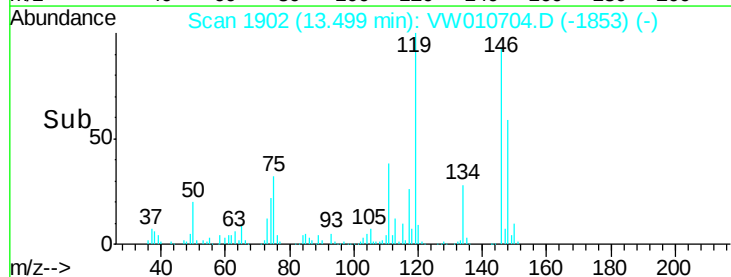
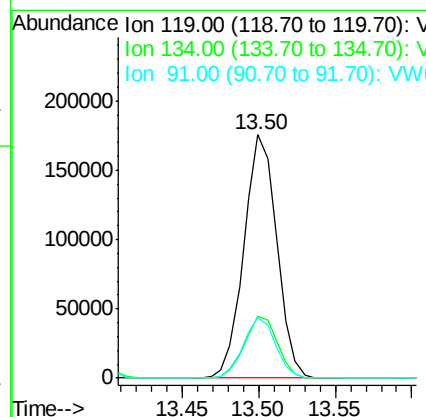
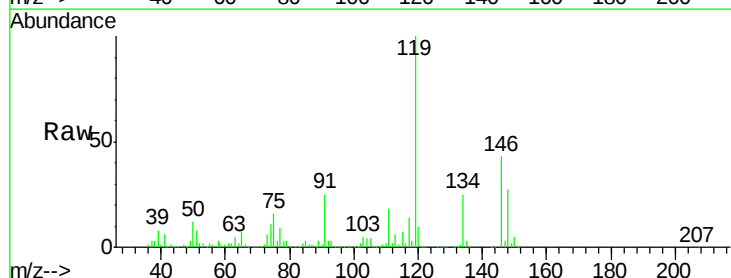
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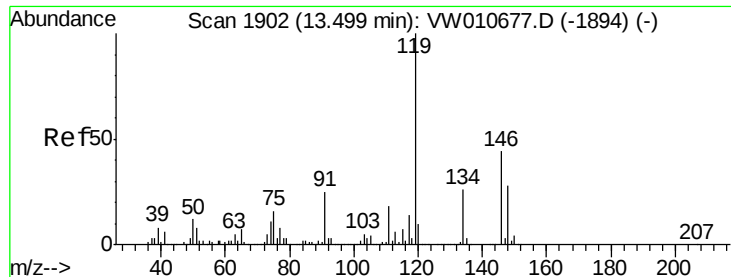
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#86
 p-Isopropyltoluene
 Concen: 19.850 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	39.0
91	24.8	12.2	36.4





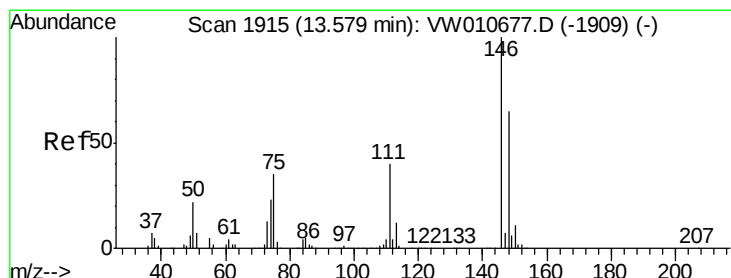
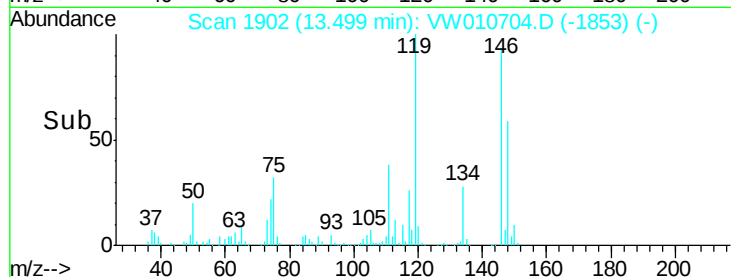
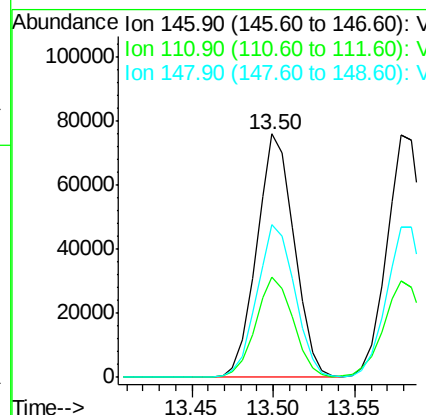
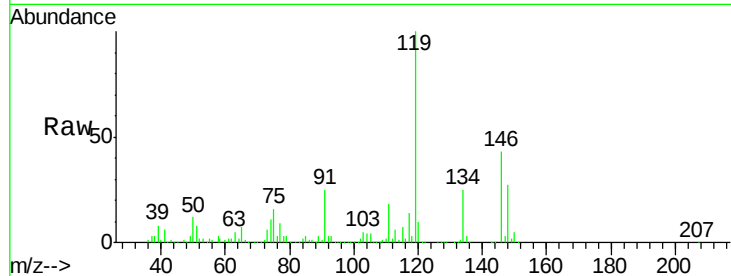
#87
 1,3-Dichlorobenzene
 Concen: 19.714 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.4	61.3
148	63.6	31.5	94.5

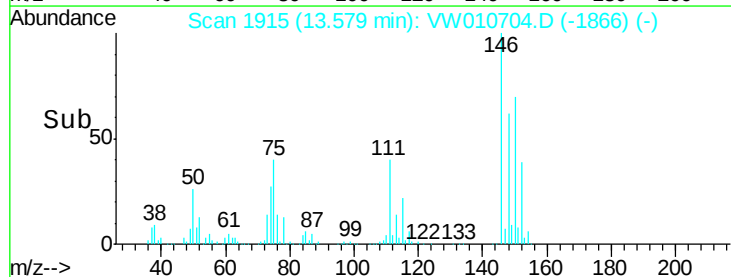
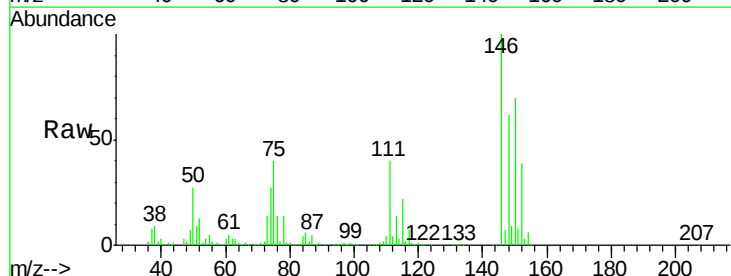
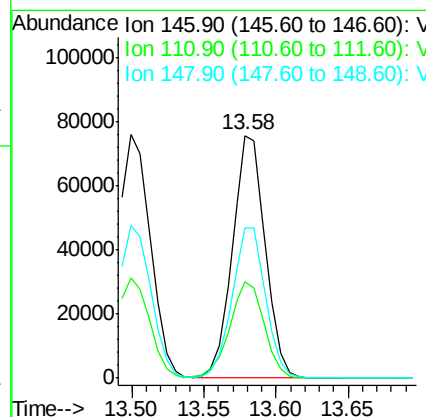
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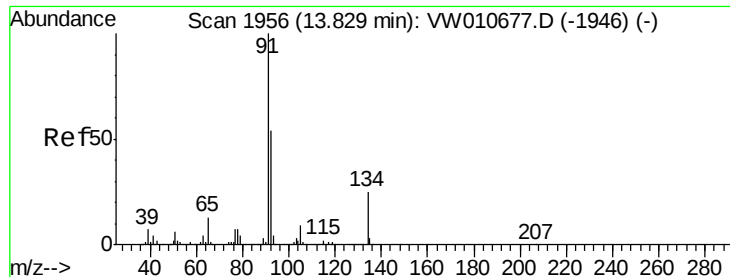
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#88
 1,4-Dichlorobenzene
 Concen: 19.804 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.3	60.9
148	63.6	32.4	97.2





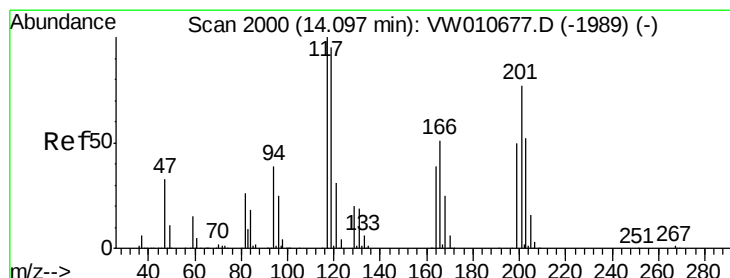
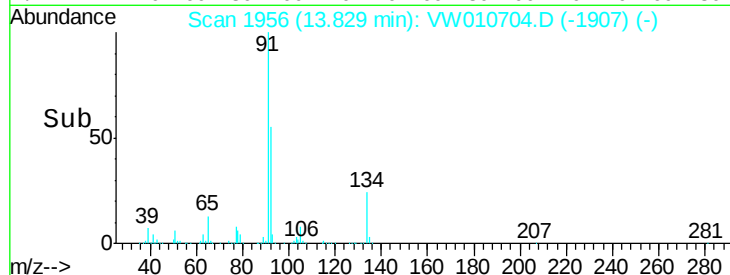
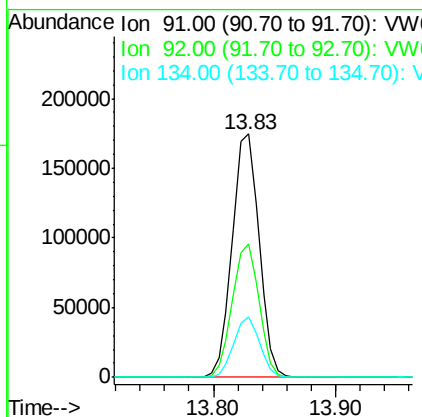
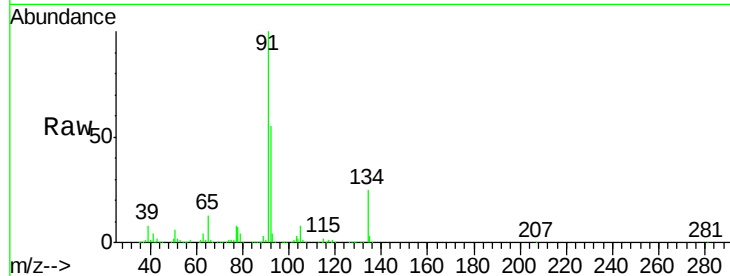
#89
n-Butylbenzene
Concen: 20.189 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Instrument :
MSVOA_W
ClientSampleId :
VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	265055		
92	54.6		27.3	81.8
134	23.8		12.3	36.9

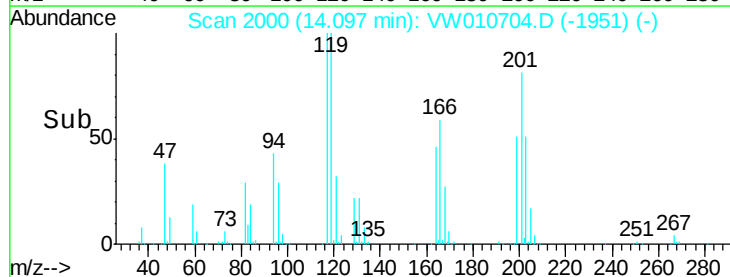
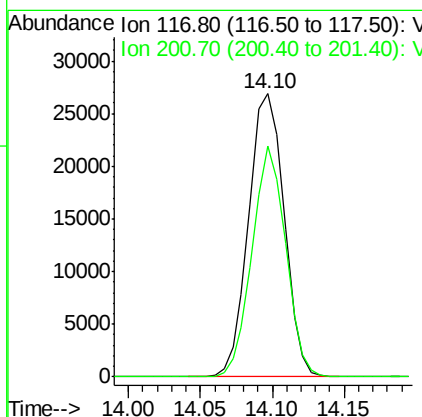
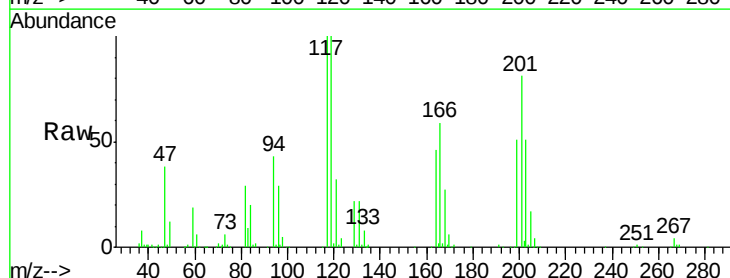
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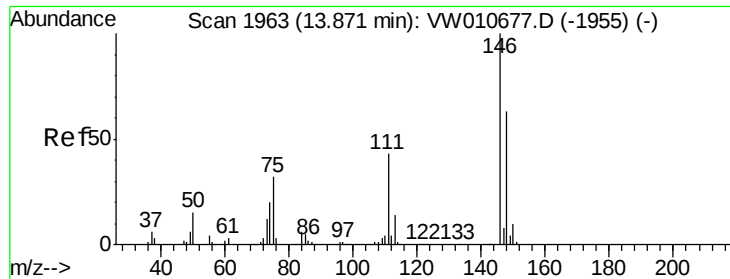
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#90
Hexachloroethane
Concen: 19.503 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW010704.D
Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	45957		
201	76.9		38.8	116.4





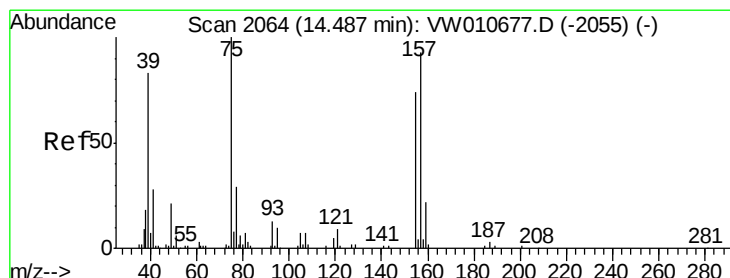
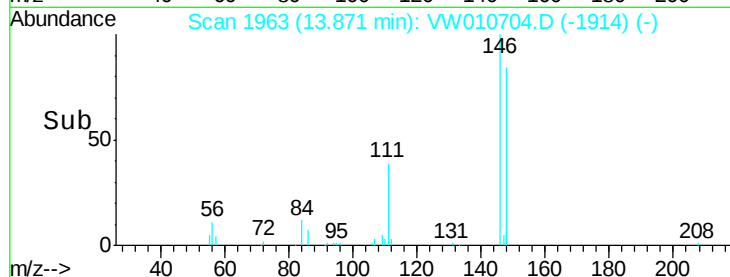
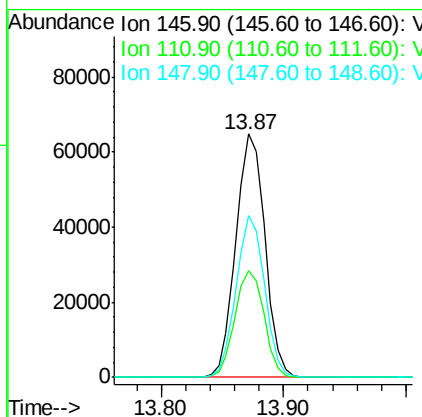
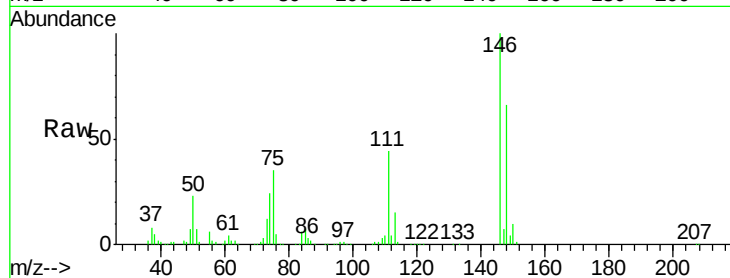
#91
 1,2-Dichlorobenzene
 Concen: 19.379 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.5	64.5
148	64.9	31.9	95.5

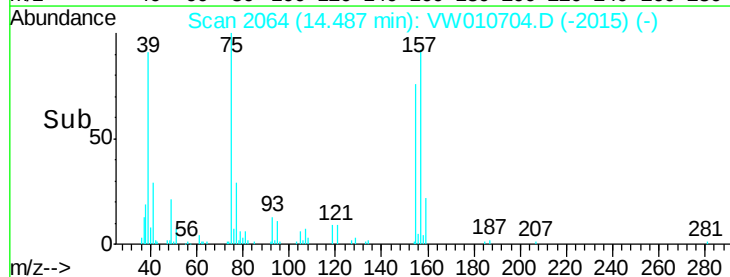
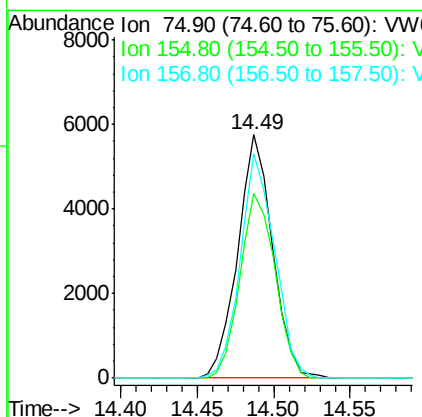
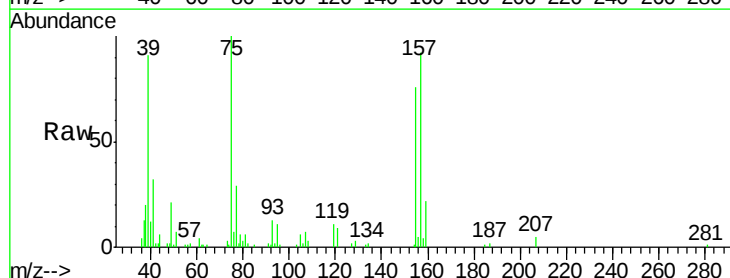
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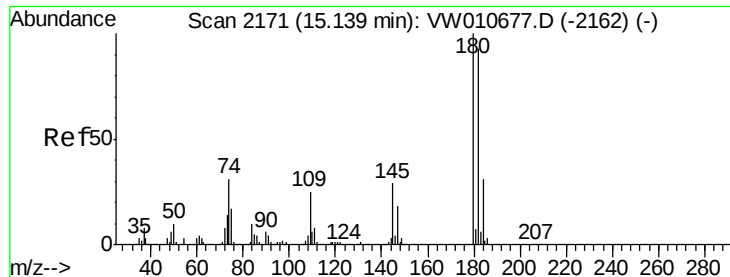
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.129 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.4	38.8	116.4
157	91.1	48.4	145.0





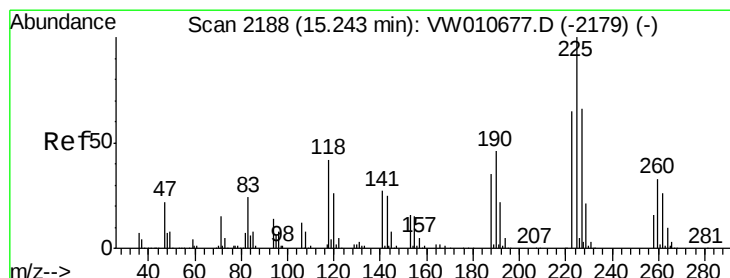
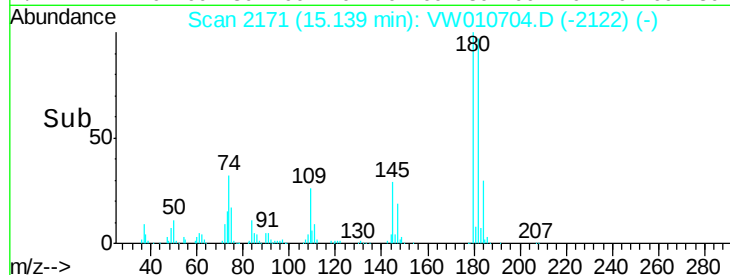
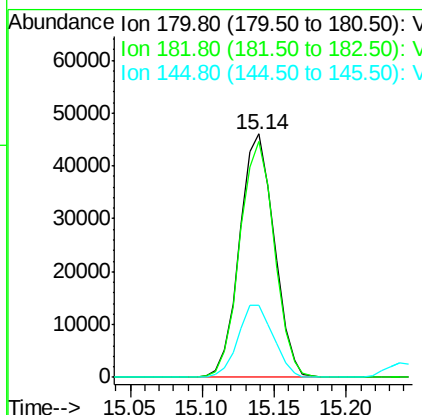
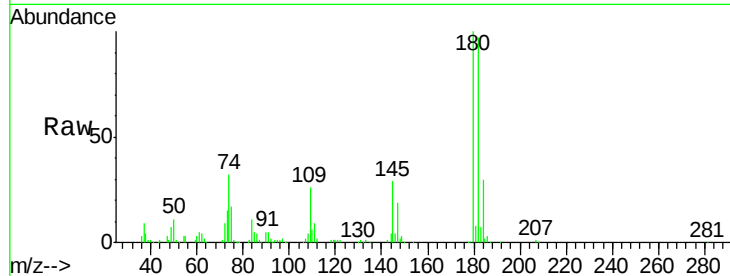
#93
 1,2,4-Trichlorobenzene
 Concen: 19.873 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0606SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	76805		
182	96.4	47.1	141.4	
145	30.3	15.2	45.5	

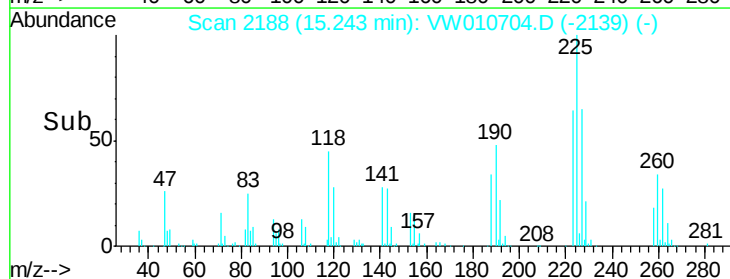
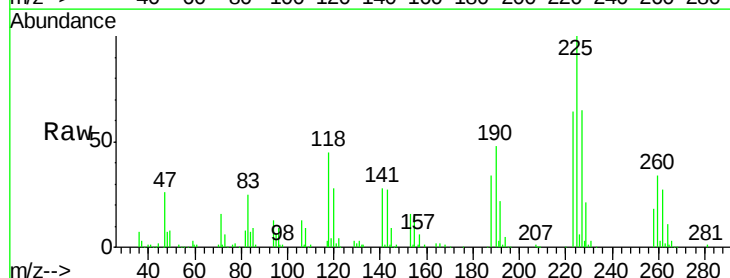
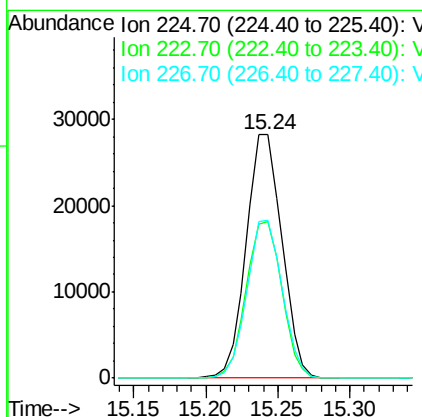
Manual Integrations
 APPROVED

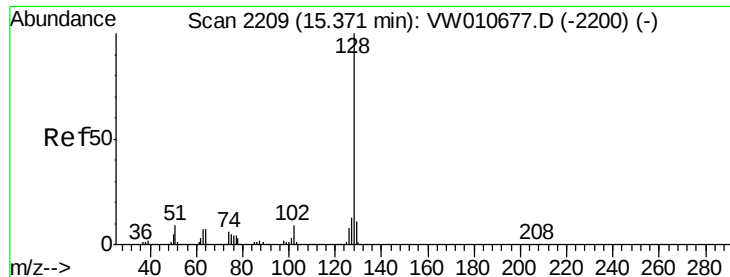
MMDadoda
 6/7/2019 11:24:49 AM



#94
 Hexachlorobutadiene
 Concen: 19.957 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW010704.D
 Acq: 06 Jun 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	48408		
223	64.3	32.2	96.6	
227	64.2	32.0	96.0	





#95

Naphthalene

Concen: 18.818 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Instrument :

MSVOA_W

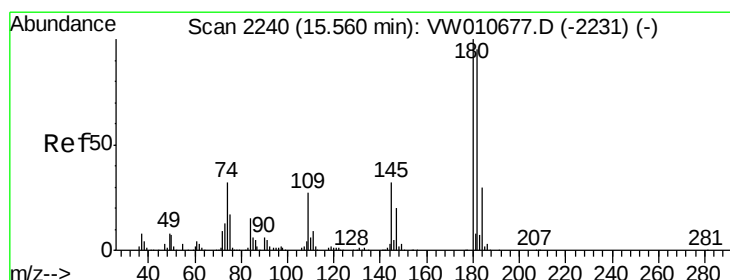
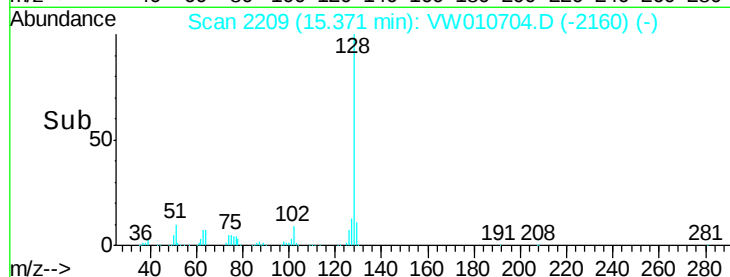
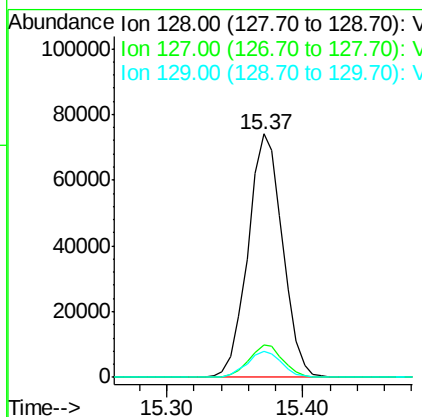
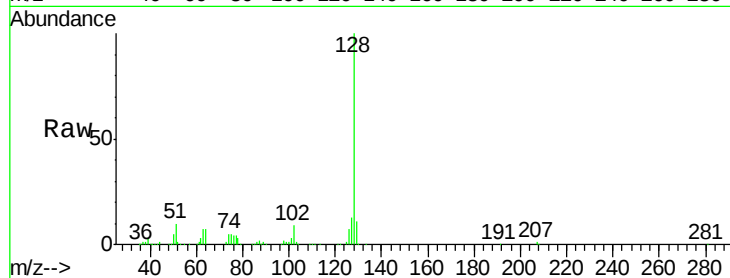
ClientSampleId :

VW0606SBS01

Tot Ion:	128	Resp:	132140
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/7/2019 11:24:49 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.793 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW010704.D

Acq: 06 Jun 2019 12:36

Tgt Ion:	180	Resp:	65057
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.0	141.0
145	32.5	16.1	48.3

