

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012219\
 Data File : VW008388.D
 Acq On : 22 Jan 2019 15:04
 Operator : SY/VA
 Sample : VW0122SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:42:29 AM

Quant Time: Jan 23 01:29:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	96257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	163776	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	157565	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	81613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	54784	54.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.42%	
35) Dibromofluoromethane	7.88	113	53917	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
50) Toluene-d8	10.32	98	231837	56.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.90%	
62) 4-Bromofluorobenzene	12.62	95	80296	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	11425	18.837	ug/l	99
3) Chloromethane	2.21	50	19610	22.056	ug/l	99
4) Vinyl Chloride	2.36	62	28056	24.697	ug/l	95
5) Bromomethane	2.78	94	24823	28.834	ug/l	93
6) Chloroethane	2.92	64	20273	27.265	ug/l	97
7) Trichlorofluoromethane	3.25	101	22481	26.952	ug/l	100
8) Diethyl Ether	3.67	74	10847	18.753	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	20603m	21.216	ug/l	
10) Methyl Iodide	4.26	142	26378	16.842	ug/l	94
11) Tert butyl alcohol	5.20	59	5154	76.449	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	18053	18.278	ug/l	89
13) Acrolein	3.89	56	4456	69.611	ug/l	99
14) Allyl chloride	4.65	41	35716	21.631	ug/l	96
15) Acrylonitrile	5.37	53	22316	100.439	ug/l	98
16) Acetone	4.12	43	21407	92.059	ug/l	93
17) Carbon Disulfide	4.37	76	53920	17.941	ug/l #	95
18) Methyl Acetate	4.67	43	11656	18.765	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	28357	18.756	ug/l #	88
20) Methylene Chloride	4.90	84	23295	19.420	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	21732	19.591	ug/l	93
22) Diisopropyl ether	6.31	45	71655	22.228	ug/l	97
23) Vinyl Acetate	6.26	43	177225	102.849	ug/l #	93
24) 1,1-Dichloroethane	6.21	63	42917	21.865	ug/l	98
25) 2-Butanone	7.17	43	29487	99.005	ug/l	98
26) 2,2-Dichloropropane	7.17	77	27374	21.854	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	24357	20.266	ug/l	93
28) Bromochloromethane	7.51	49	17404	21.522	ug/l #	98
29) Tetrahydrofuran	7.53	42	18809	101.301	ug/l	95
30) Chloroform	7.67	83	43063	22.175	ug/l	97
31) Cyclohexane	7.95	56	39288	21.008	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	35442	21.746	ug/l	97
36) 1,1-Dichloropropene	8.08	75	34488	20.931	ug/l	99
37) Ethyl Acetate	7.26	43	14003	20.608	ug/l	96
38) Carbon Tetrachloride	8.06	117	32588	20.029	ug/l	96

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	39403	20.104	ug/l	94
40) Benzene	8.32	78	95402	20.440	ug/l	99
41) Methacrylonitrile	7.48	41	7223	18.261	ug/l	92
42) 1,2-Dichloroethane	8.40	62	26643	20.414	ug/l	97
43) Isopropyl Acetate	8.42	43	24852	19.363	ug/l	99
44) Trichloroethene	9.09	130	24722	19.333	ug/l	93
45) 1,2-Dichloropropane	9.37	63	25121	21.667	ug/l	97
46) Dibromomethane	9.45	93	12437	20.582	ug/l	87
47) Bromodichloromethane	9.64	83	31047	20.830	ug/l	97
48) Methyl methacrylate	9.43	41	11828	19.576	ug/l	97
49) 1,4-Dioxane	9.46	88	4086	420.046	ug/l #	65
51) 4-Methyl-2-Pentanone	10.21	43	62820	96.660	ug/l	96
52) Toluene	10.38	92	63505	21.500	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	29347	19.727	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	35462	20.221	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	17251	20.583	ug/l #	89
56) Ethyl methacrylate	10.65	69	18446	18.740	ug/l	92
57) 1,3-Dichloropropane	10.93	76	30437	20.916	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	51721	108.937	ug/l	99
59) 2-Hexanone	10.97	43	44117	96.883	ug/l	93
60) Dibromochloromethane	11.13	129	19579	19.574	ug/l	98
61) 1,2-Dibromoethane	11.24	107	15864	19.547	ug/l	99
64) Tetrachloroethene	10.87	164	20641	18.683	ug/l	90
65) Chlorobenzene	11.66	112	69016	20.081	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	22365	18.907	ug/l	97
67) Ethyl Benzene	11.73	91	119794	20.074	ug/l	99
68) m/p-Xylenes	11.84	106	94714	40.891	ug/l	98
69) o-Xylene	12.16	106	41984	19.401	ug/l	93
70) Styrene	12.18	104	71553	20.585	ug/l	99
71) Bromoform	12.35	173	10609	18.004	ug/l #	98
73) Isopropylbenzene	12.47	105	121347	20.406	ug/l	97
74) N-amyl acetate	12.27	43	23160	18.174	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	20559	20.326	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	14947m	20.111	ug/l	
77) Bromobenzene	12.75	156	26114	18.283	ug/l	91
78) n-propylbenzene	12.81	91	150848	20.958	ug/l	97
79) 2-Chlorotoluene	12.90	91	84817	20.625	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	104692	21.098	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	5370	17.243	ug/l	91
82) 4-Chlorotoluene	12.99	91	89850	20.908	ug/l	94
83) tert-Butylbenzene	13.21	119	87156	19.956	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	108120	21.389	ug/l	95
85) sec-Butylbenzene	13.39	105	135180	21.557	ug/l	99
86) p-Isopropyltoluene	13.51	119	113864	20.790	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	55816	19.667	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	56158	19.751	ug/l	97
89) n-Butylbenzene	13.83	91	114338	21.764	ug/l	97
90) Hexachloroethane	14.10	117	21383	21.097	ug/l	85
91) 1,2-Dichlorobenzene	13.87	146	49901	19.915	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3255	19.681	ug/l	90

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QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	30323	17.877	ug/l	98
94) Hexachlorobutadiene	15.24	225	18102	18.936	ug/l	94
95) Naphthalene	15.38	128	50008	17.549	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	26646	18.036	ug/l	99

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

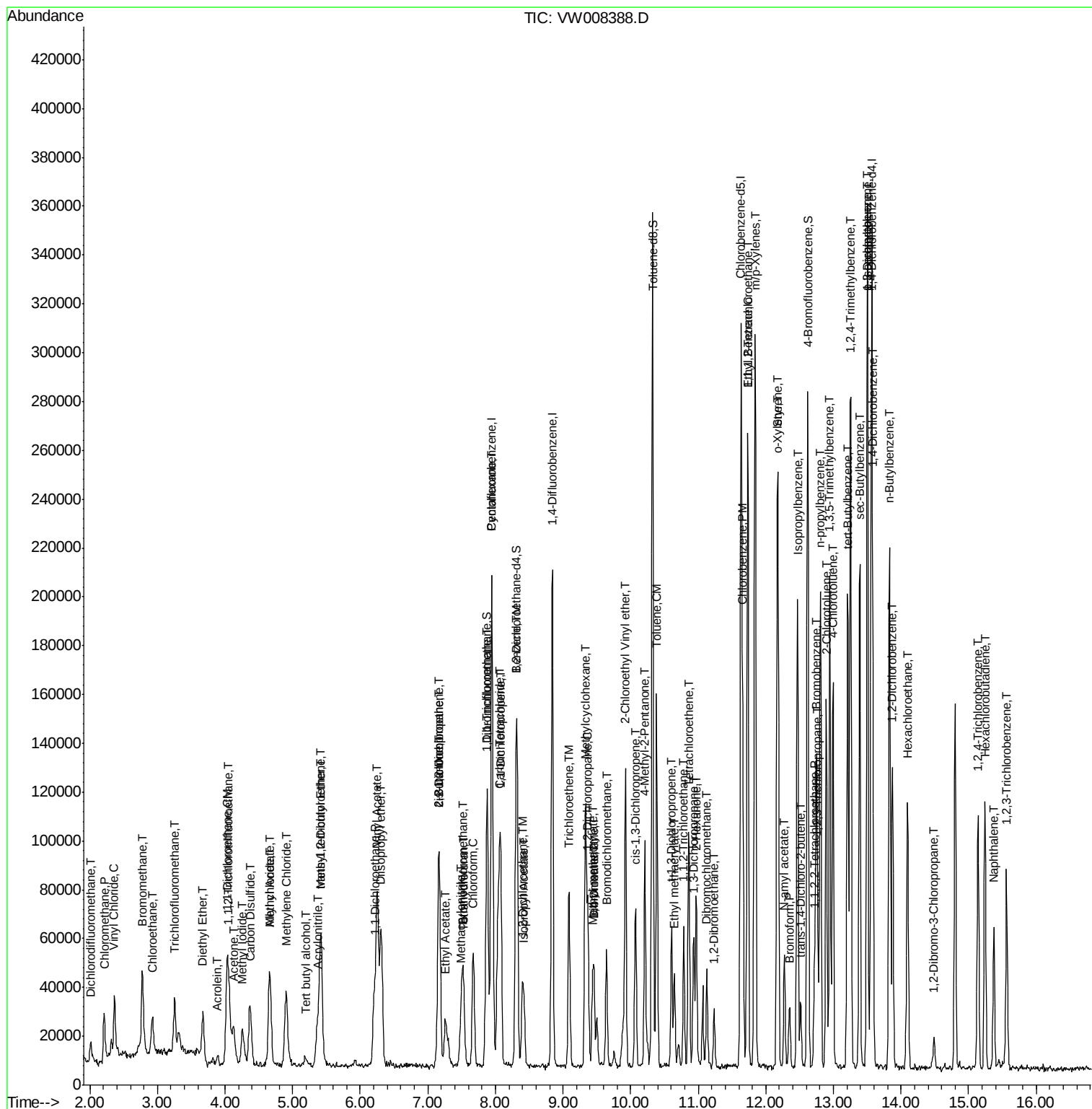
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Data File : VW008388.D
Acq On : 22 Jan 2019 15:04
Operator : SY/VA
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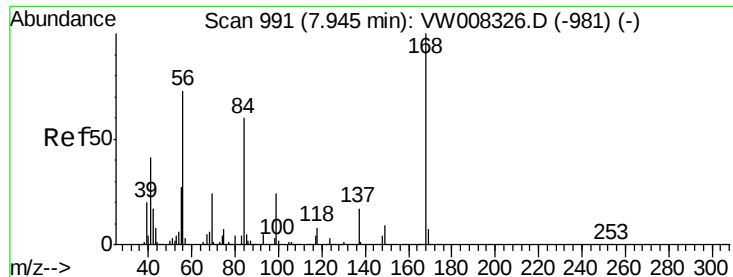
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion:168 Resp: 96257

Ion Ratio Lower Upper

168 100

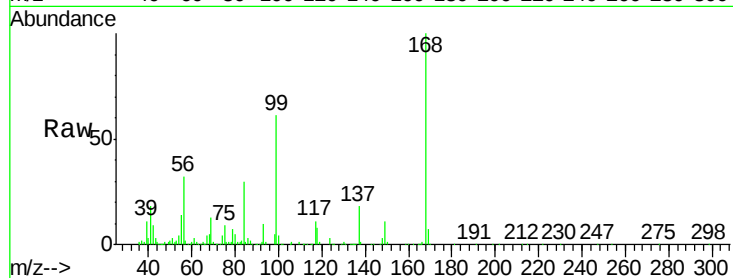
99 60.3 44.6 66.8

Manual Integrations

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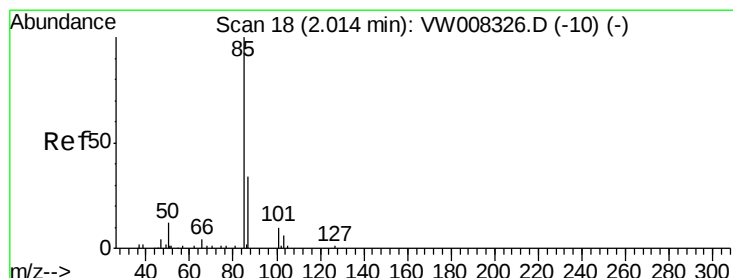
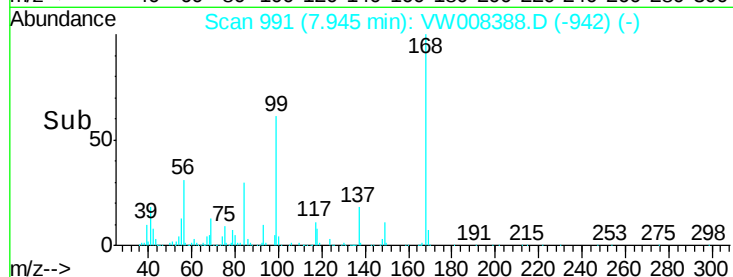
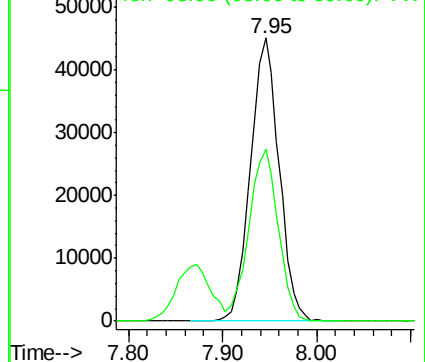
MMDadoda

1/23/2019 11:42:29 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.837 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW008388.D

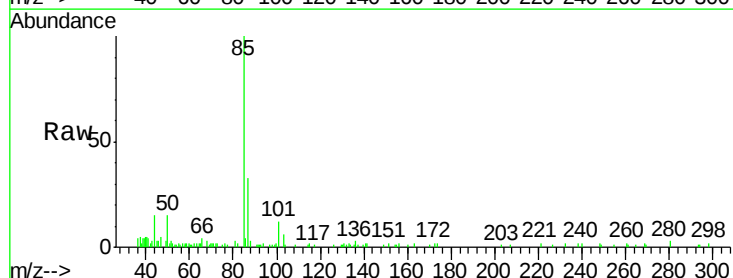
Acq: 22 Jan 2019 15:04

Tgt Ion: 85 Resp: 11425

Ion Ratio Lower Upper

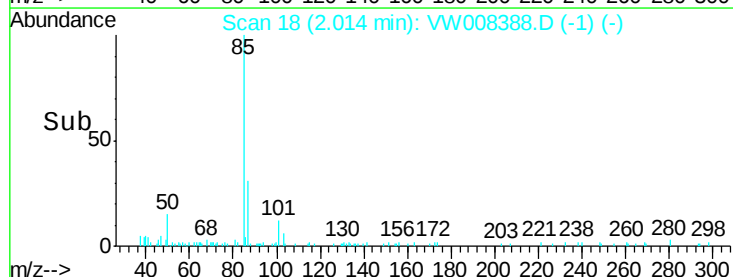
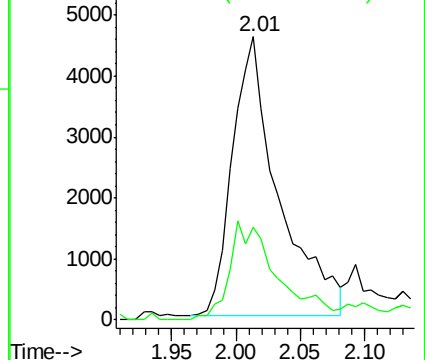
85 100

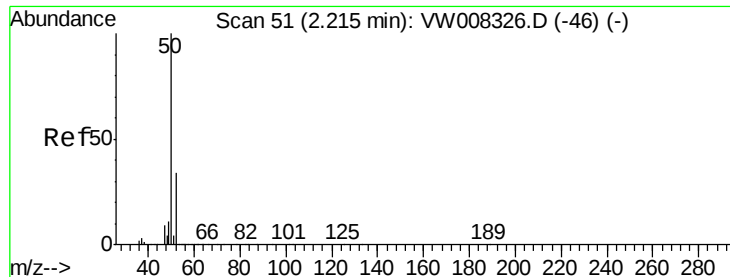
87 33.4 16.9 50.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 22.056 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 50 Resp: 19610

Ion Ratio Lower Upper

50 100

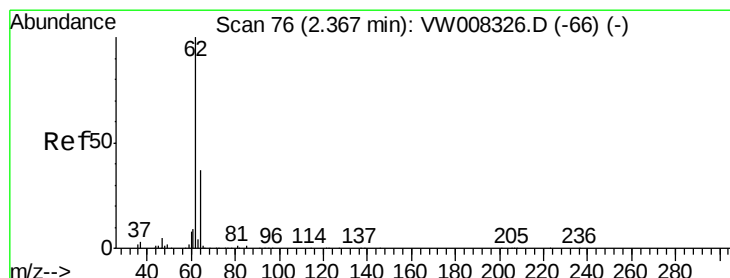
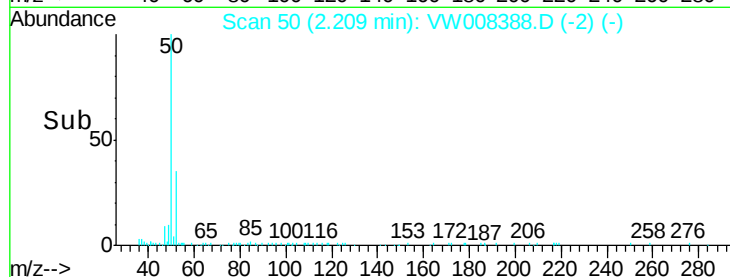
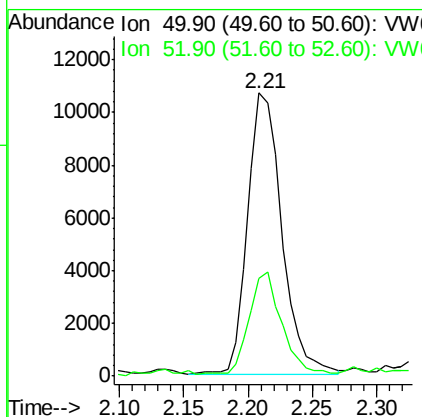
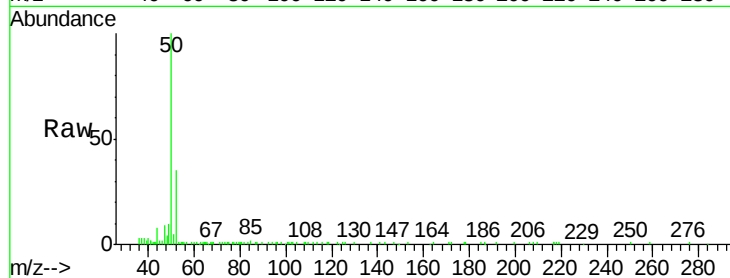
52 33.8 26.7 40.1

Manual Integrations

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1/23/2019 11:42:29 AM



#4

Vinyl Chloride

Concen: 24.697 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008388.D

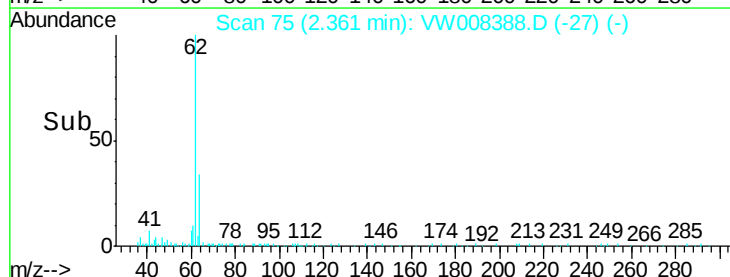
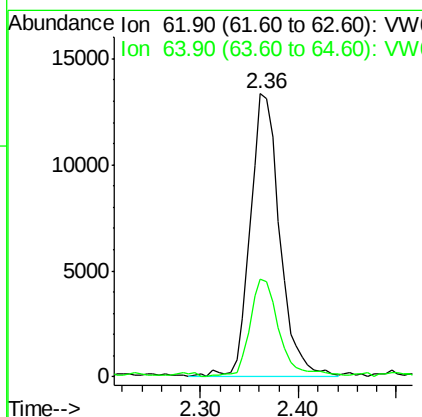
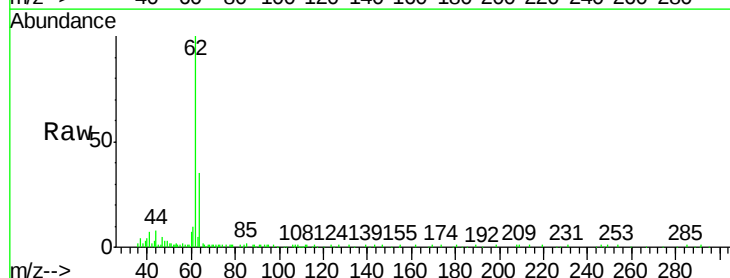
Acq: 22 Jan 2019 15:04

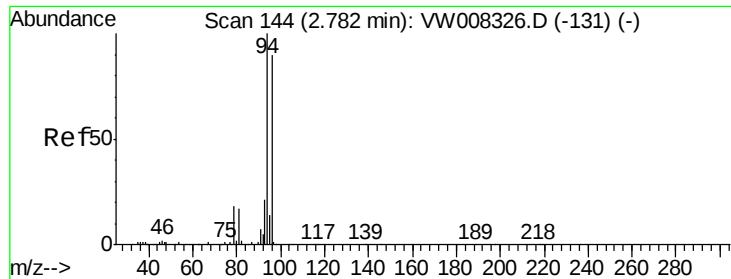
Tgt Ion: 62 Resp: 28056

Ion Ratio Lower Upper

62 100

64 33.6 29.4 44.2





#5

Bromomethane

Concen: 28.834 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

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Tot Ion: 94 Resp: 24823

Ion Ratio Lower Upper

94 100

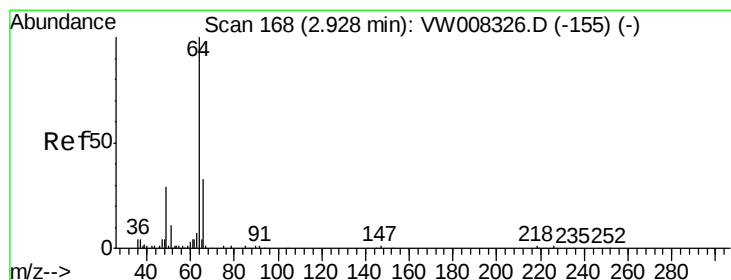
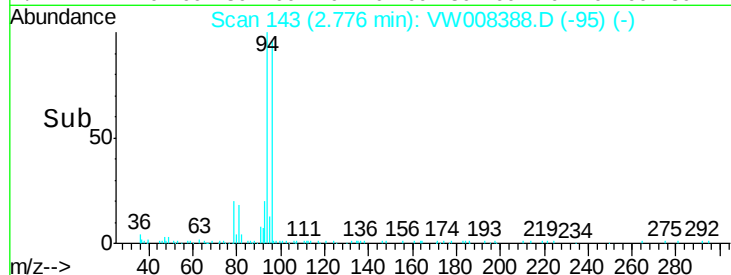
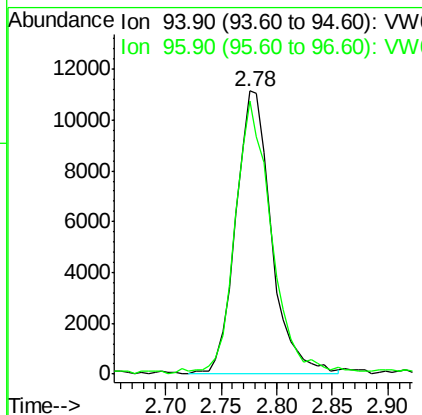
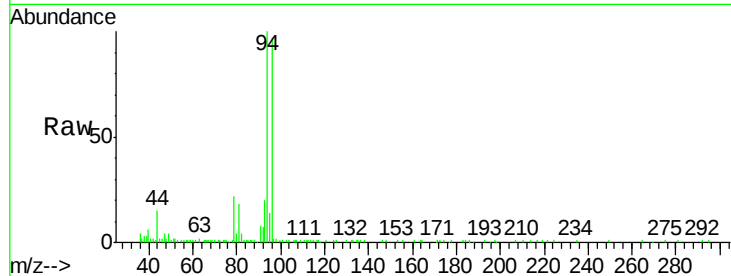
96 95.8 71.4 107.0

Manual Integrations

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1/23/2019 11:42:29 AM



#6

Chloroethane

Concen: 27.265 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008388.D

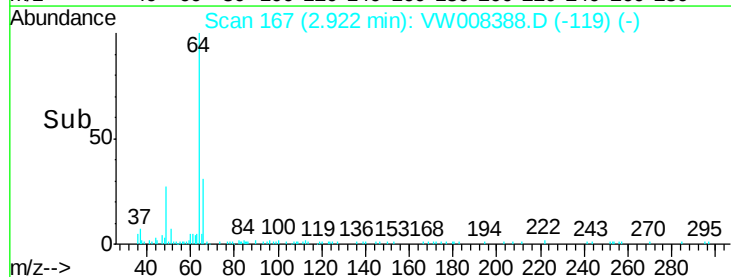
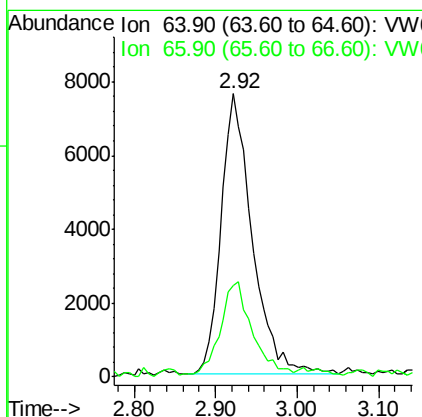
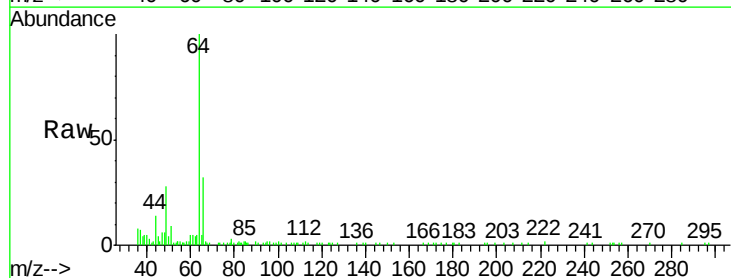
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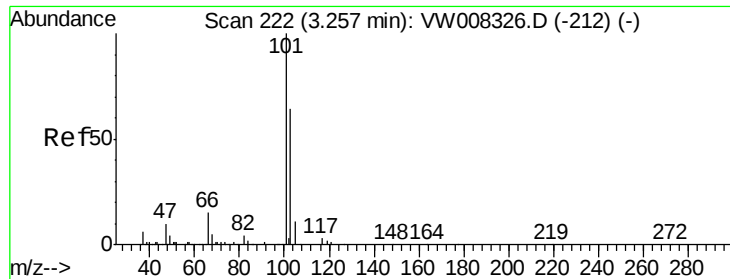
Tgt Ion: 64 Resp: 20273

Ion Ratio Lower Upper

64 100

66 31.2 26.2 39.4





#7

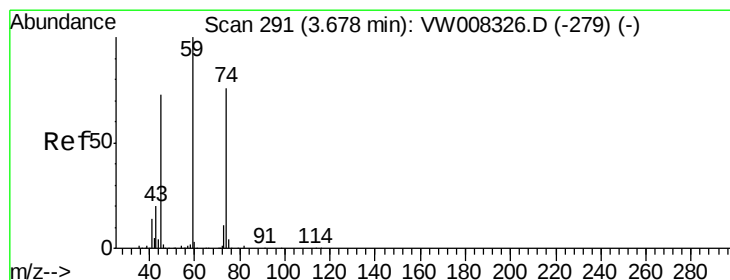
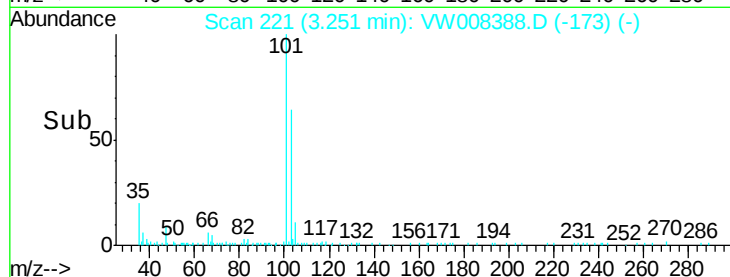
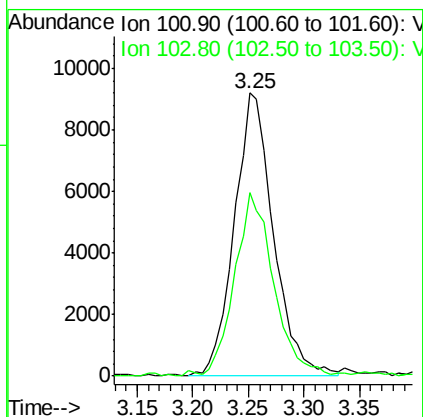
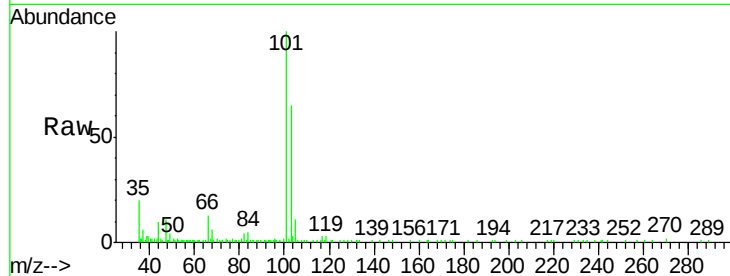
Trichlorofluoromethane
 Concen: 26.952 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.9	76.3

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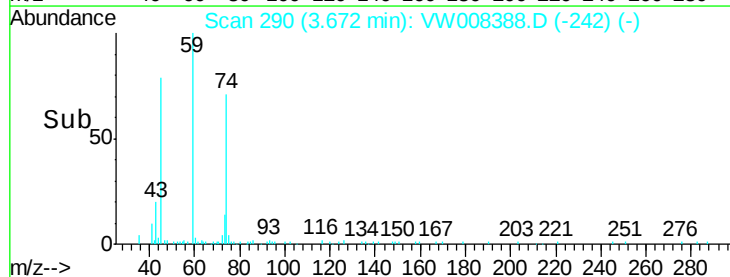
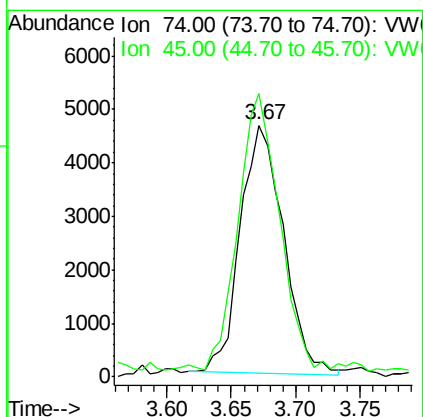
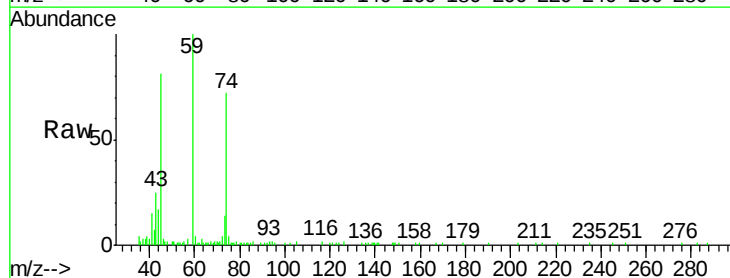
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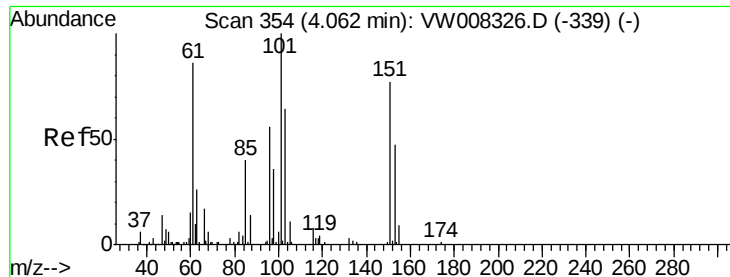


#8

Diethyl Ether
 Concen: 18.753 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.9	50.1	150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.216 ug/l m

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

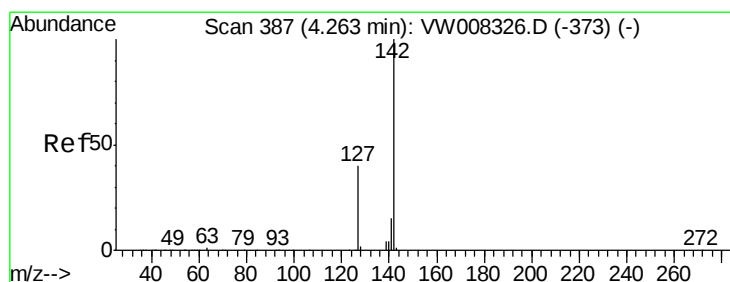
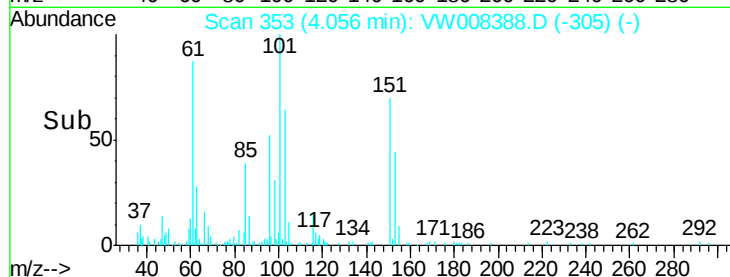
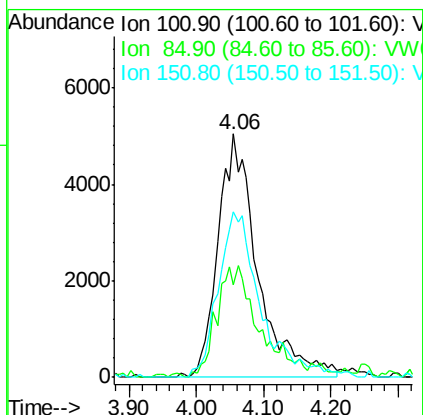
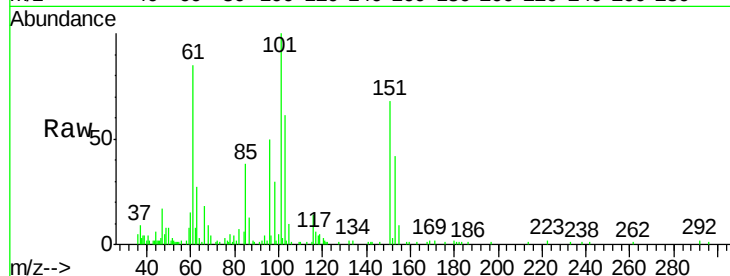
ClientSampleId :

VW0122SBS01

Tot Ion:	101	Resp:	20603
Ion Ratio	Lower	Upper	
101	100		
85	48.9	36.0	54.0
151	63.5	62.3	93.5

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#10

Methyl Iodide

Concen: 16.842 ug/l

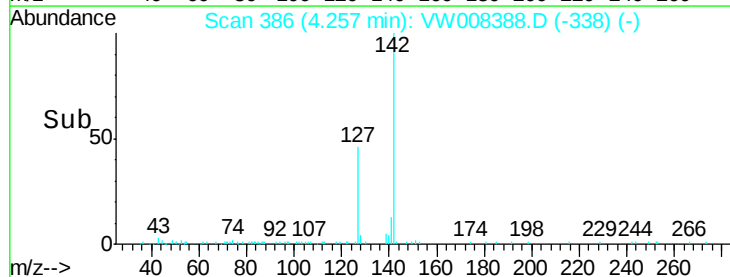
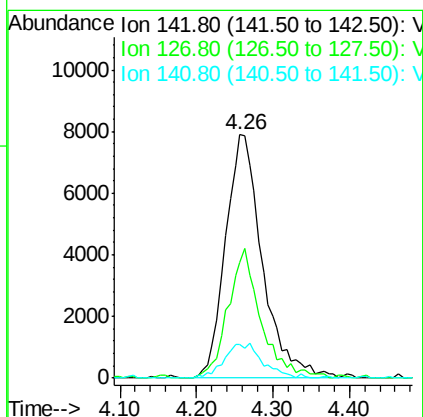
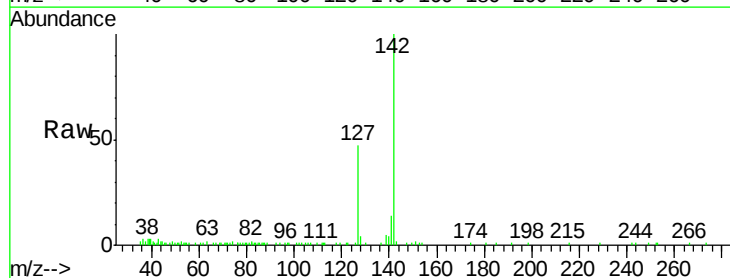
RT: 4.26 min Scan# 386

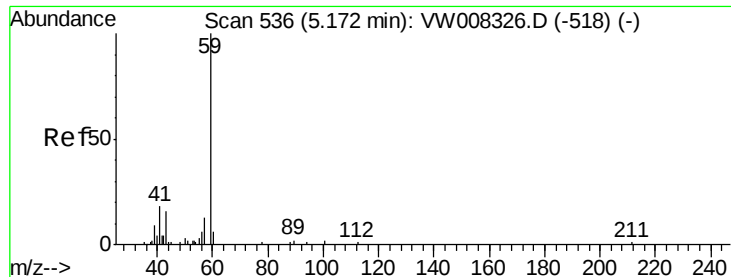
Delta R.T. -0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion:	142	Resp:	26378
Ion Ratio	Lower	Upper	
142	100		
127	47.6	34.3	51.5
141	14.6	12.2	18.2





#11

Tert butyl alcohol

Concen: 76.449 ug/l

RT: 5.20 min Scan# 540

Delta R.T. 0.02 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

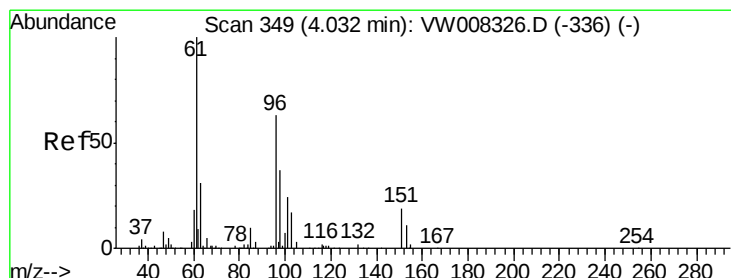
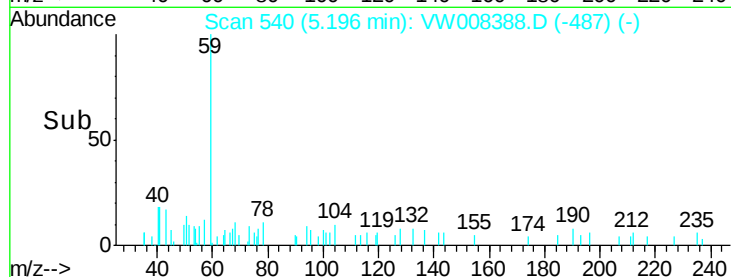
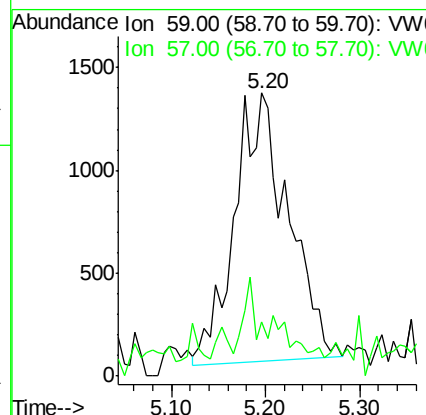
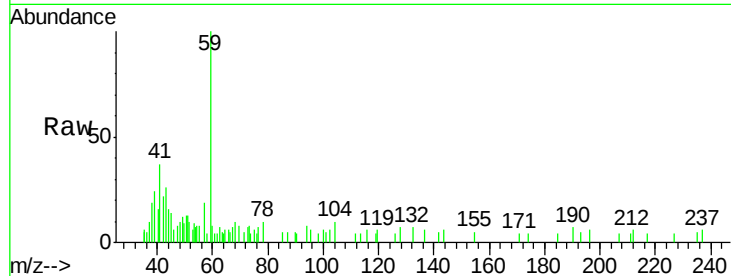
Instrument :
MSVOA_W

ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	5154		
57	7.0		9.4	14.2#

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#12

1,1-Dichloroethene

Concen: 18.278 ug/l

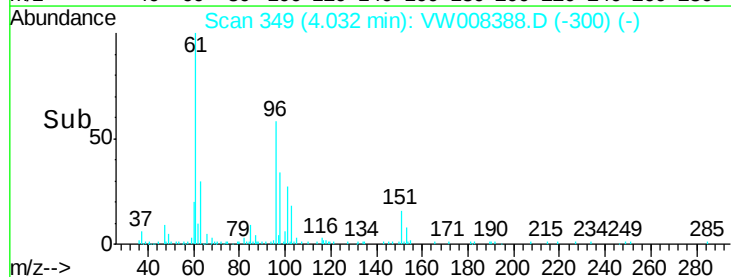
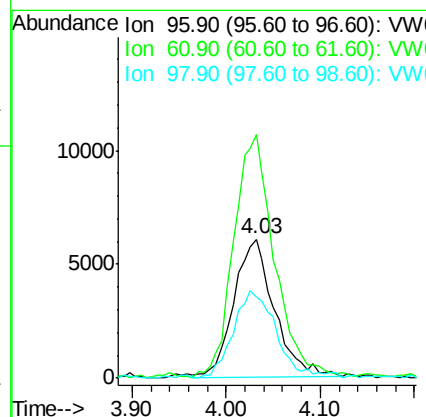
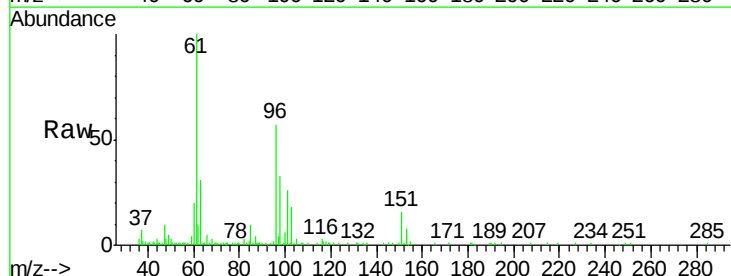
RT: 4.03 min Scan# 349

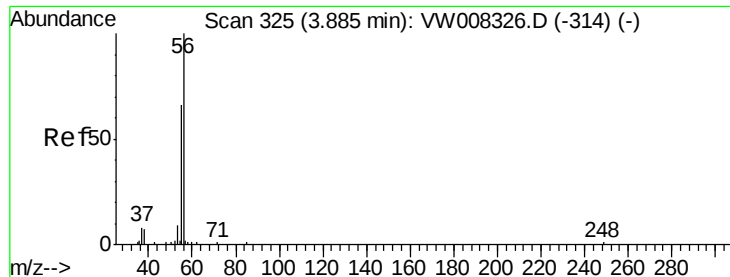
Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	18053		
61	176.9		126.4	189.6
98	59.1		46.7	70.1





#13

Acrolein

Concen: 69.611 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 56 Resp: 4456

Ion Ratio Lower Upper

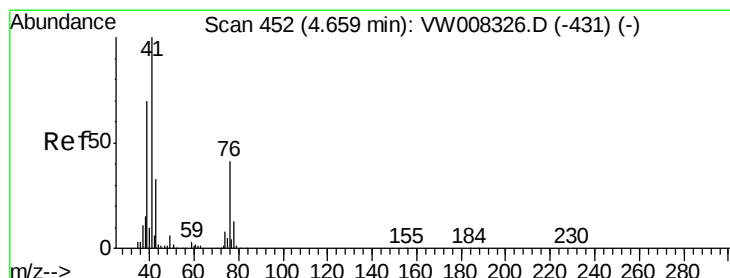
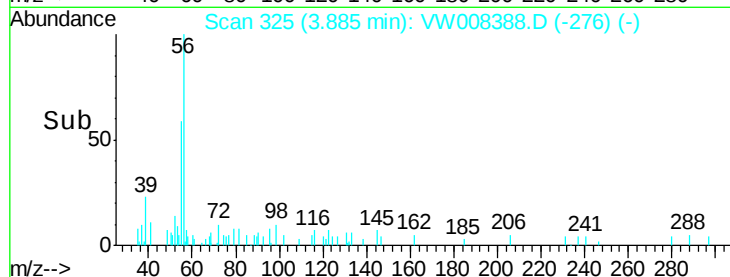
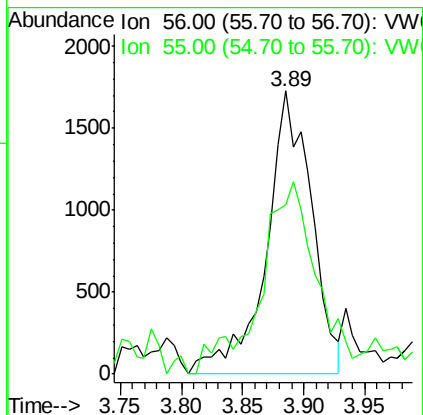
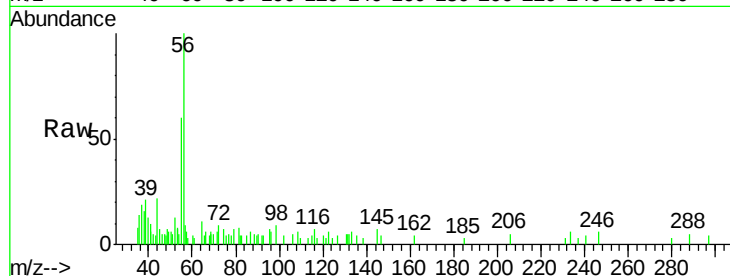
56 100

55 66.5 52.9 79.3

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#14

Allyl chloride

Concen: 21.631 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

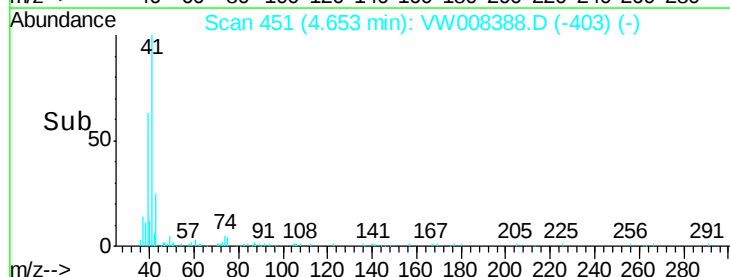
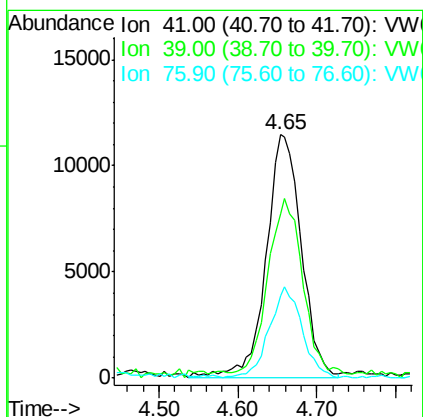
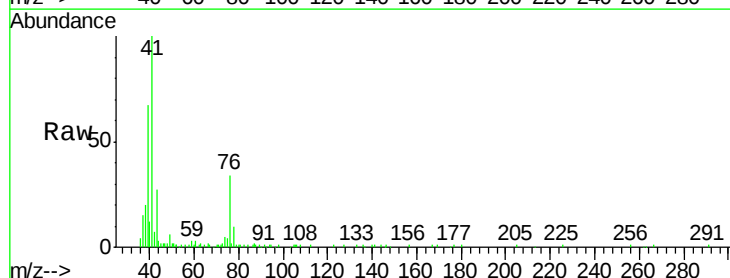
Tgt Ion: 41 Resp: 35716

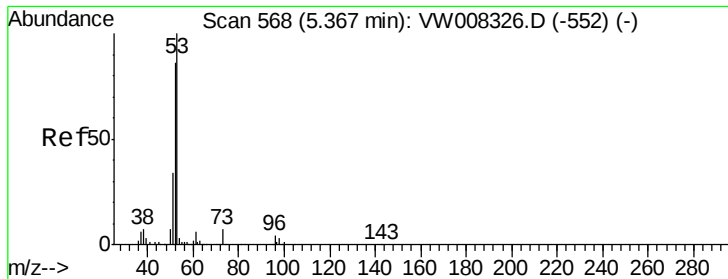
Ion Ratio Lower Upper

41 100

39 71.0 54.1 81.1

76 34.8 29.5 44.3





#15

Acrylonitrile

Concen: 100.439 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

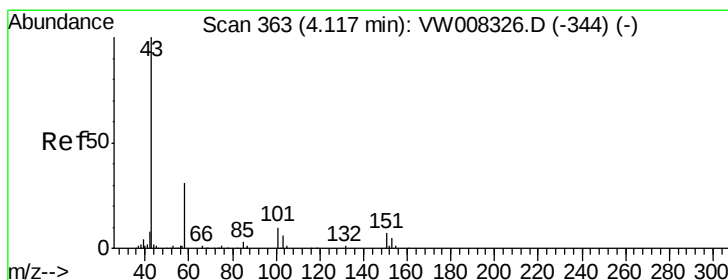
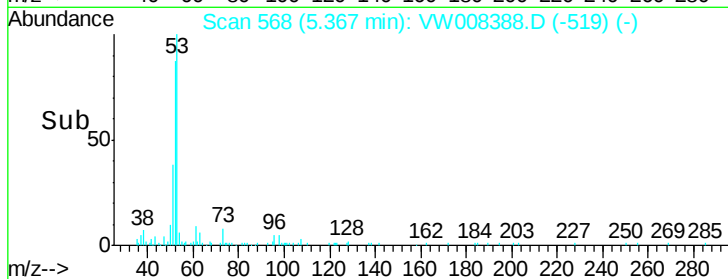
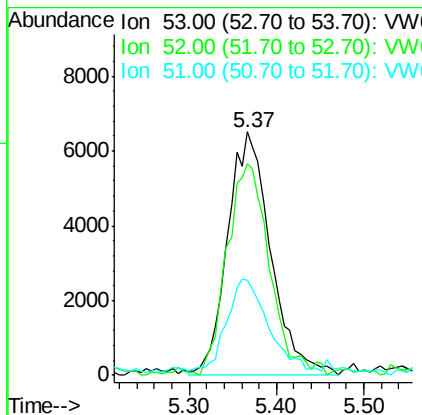
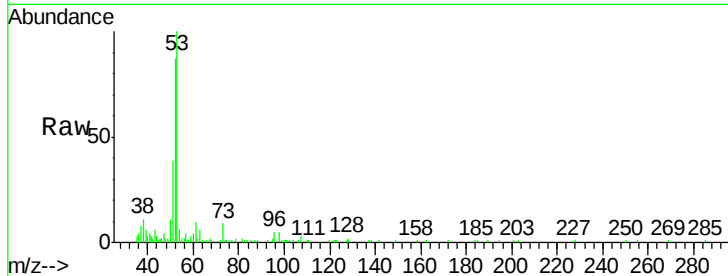
ClientSampleId :

VW0122SBS01

Tot Ion:	53	Resp:	22316
Ion	Ratio	Lower	Upper
53	100		
52	84.9	66.4	99.6
51	37.2	29.6	44.4

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#16

Acetone

Concen: 92.059 ug/l

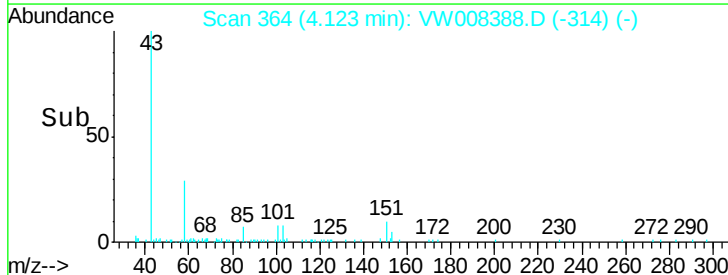
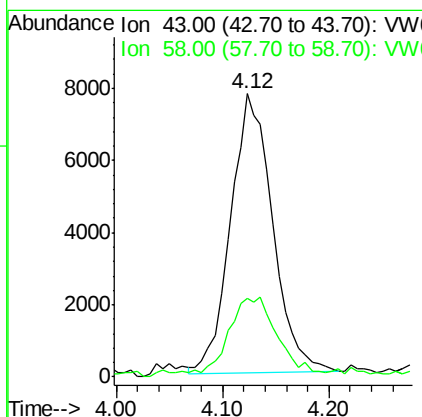
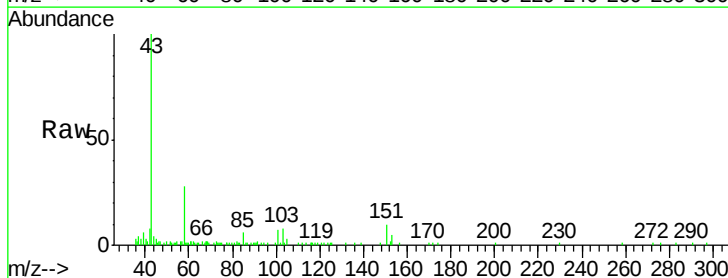
RT: 4.12 min Scan# 364

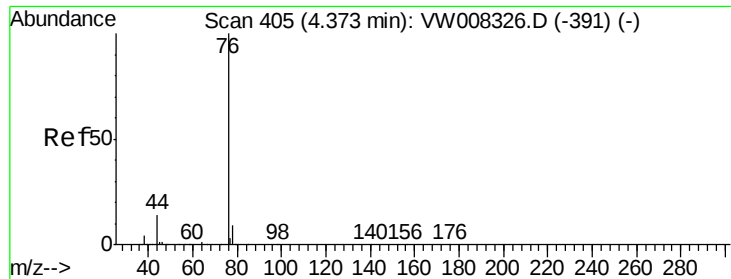
Delta R.T. 0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion:	43	Resp:	21407
Ion	Ratio	Lower	Upper
43	100		
58	26.8	24.7	37.1





#17

Carbon Disulfide

Concen: 17.941 ug/l

RT: 4.37 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 76 Resp: 53920

Ion Ratio Lower Upper

76 100

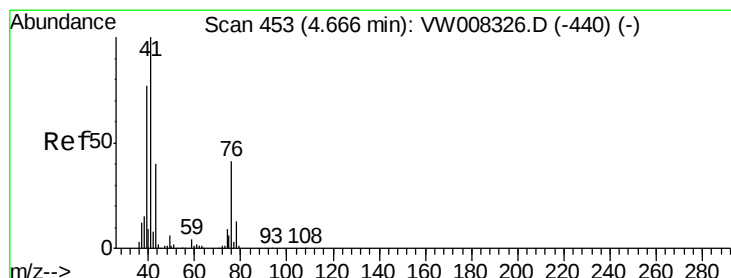
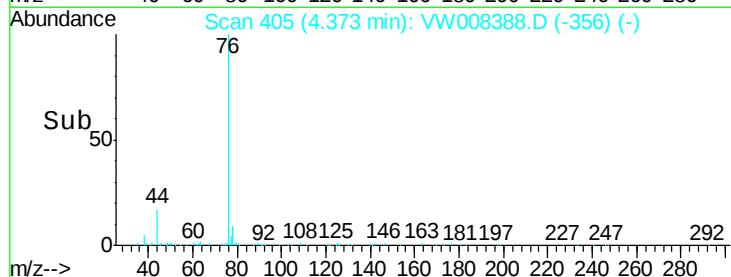
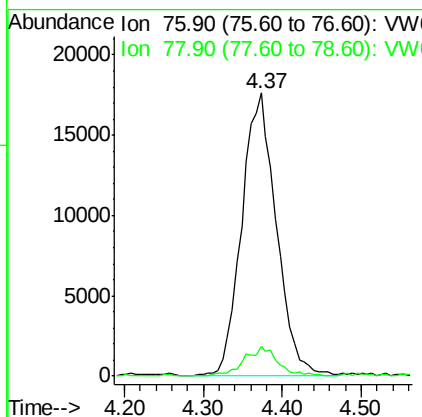
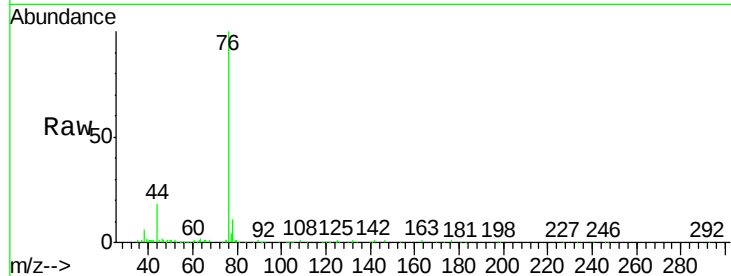
78 10.4 7.0 10.4#

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#18

Methyl Acetate

Concen: 18.765 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008388.D

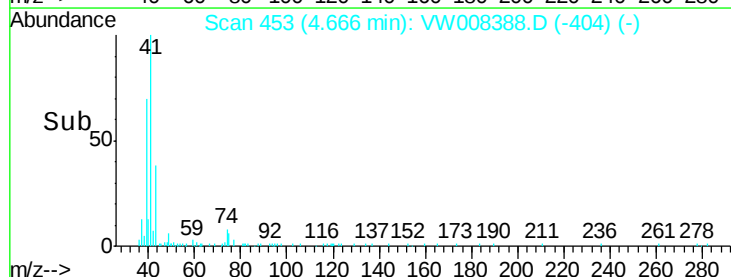
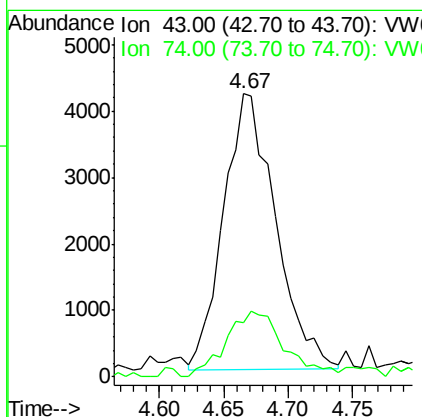
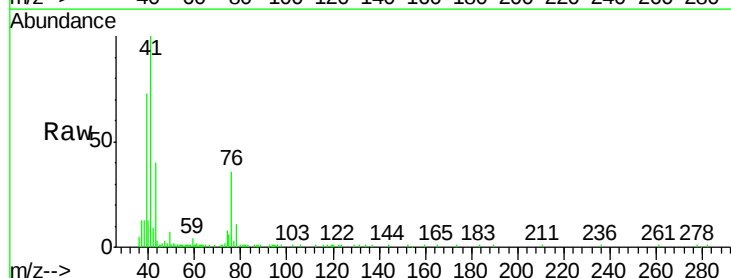
Acq: 22 Jan 2019 15:04

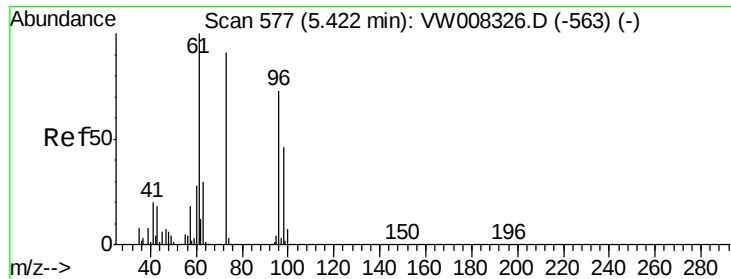
Tgt Ion: 43 Resp: 11656

Ion Ratio Lower Upper

43 100

74 26.6 19.4 29.0





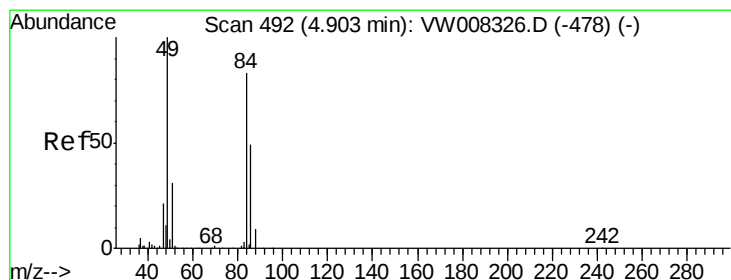
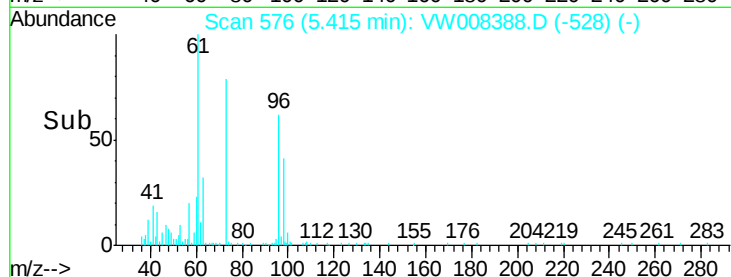
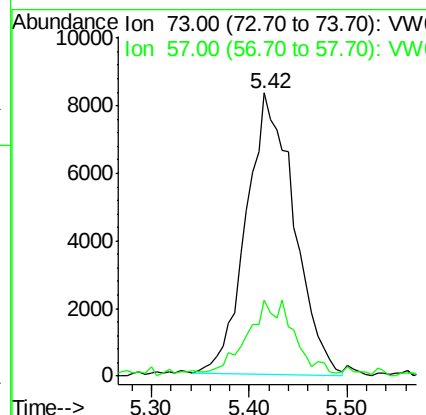
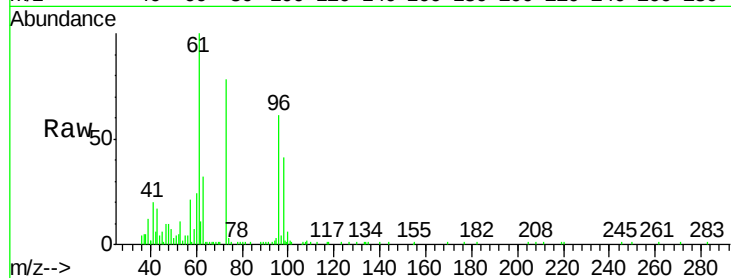
#19
Methvl tert-butvl Ether
Concen: 18.756 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion: 73 Resp: 28357
Ion Ratio Lower Upper
73 100
57 25.8 16.3 24.5#

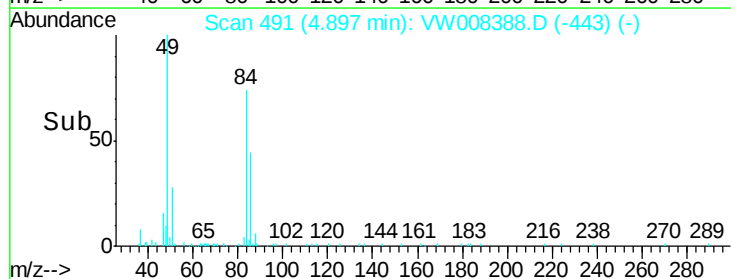
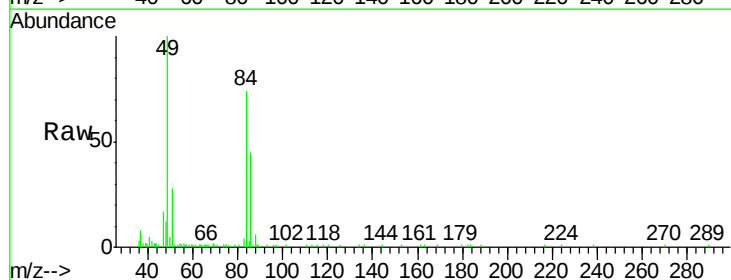
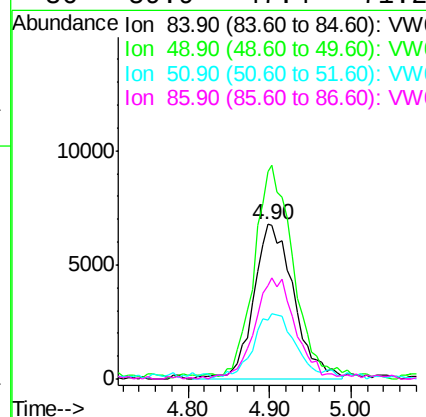
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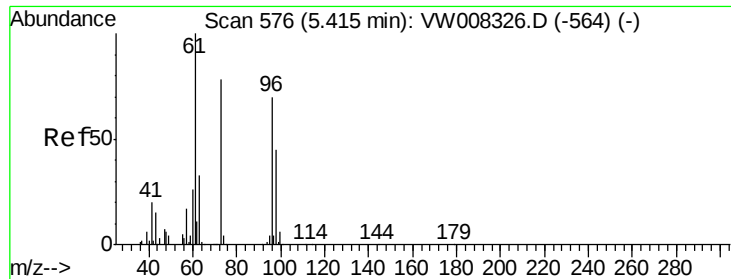
MMDadoda
1/23/2019 11:42:29 AM



#20
Methylene Chloride
Concen: 19.420 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion: 84 Resp: 23295
Ion Ratio Lower Upper
84 100
49 133.9 95.9 143.9
51 36.7 29.3 43.9
86 59.9 47.4 71.2





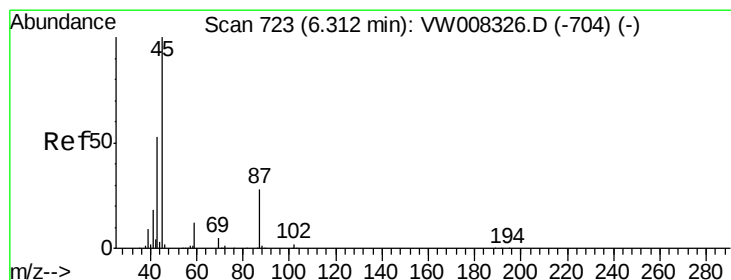
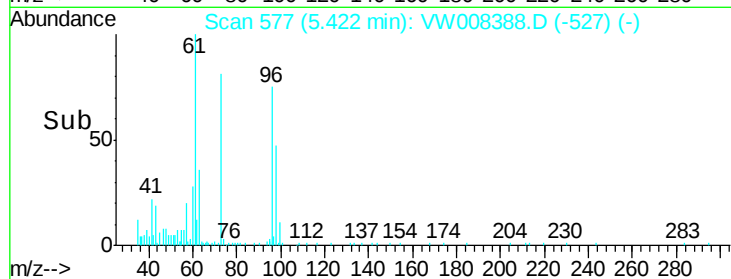
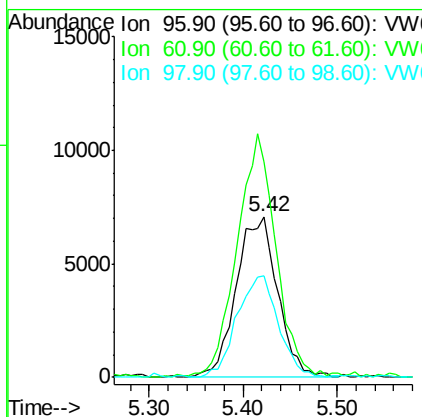
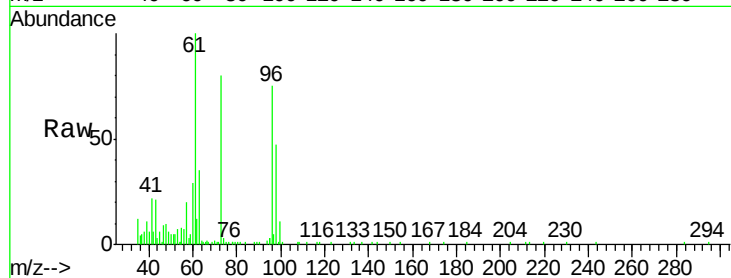
#21
trans-1,2-Dichloroethene
Concen: 19.591 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampled :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.9	114.5	171.7
98	62.8	52.0	78.0

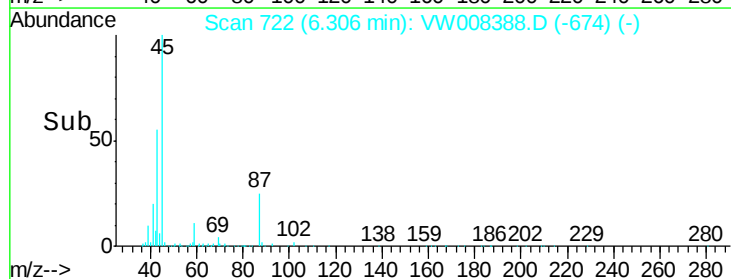
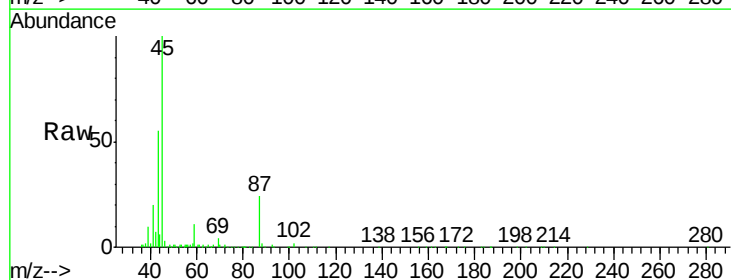
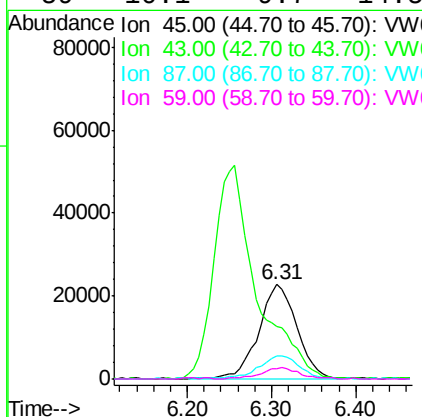
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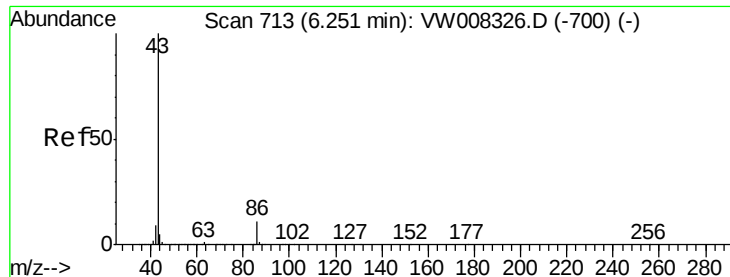
MMDadoda
1/23/2019 11:42:29 AM



#22
Diisopropyl ether
Concen: 22.228 ug/l
RT: 6.31 min Scan# 722
Delta R.T. -0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.6	42.5	63.7
87	24.1	22.2	33.2
59	10.1	9.7	14.5





#23

Vinyl Acetate

Concen: 102.849 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 43 Resp: 177225

Ion Ratio Lower Upper

43 100

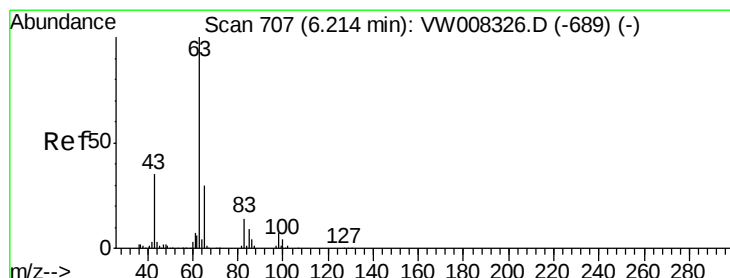
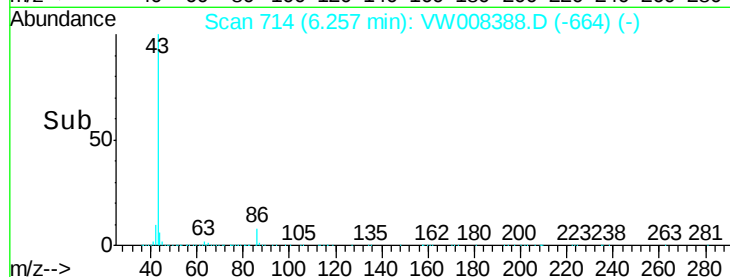
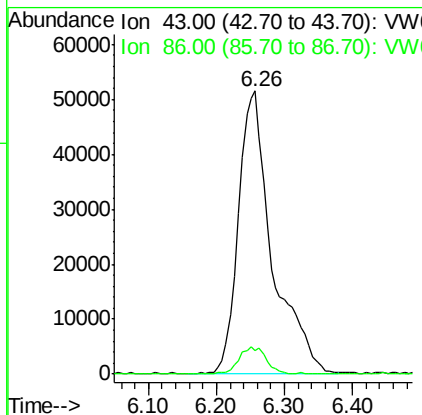
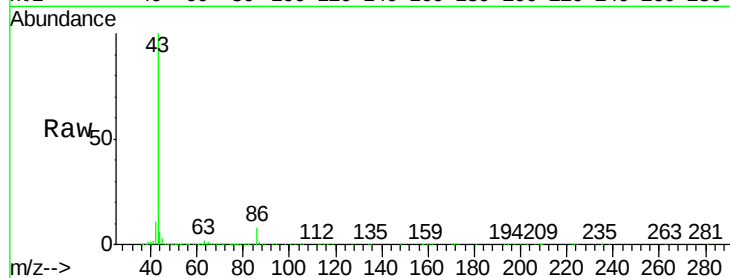
86 8.3 8.6 13.0#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 21.865 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

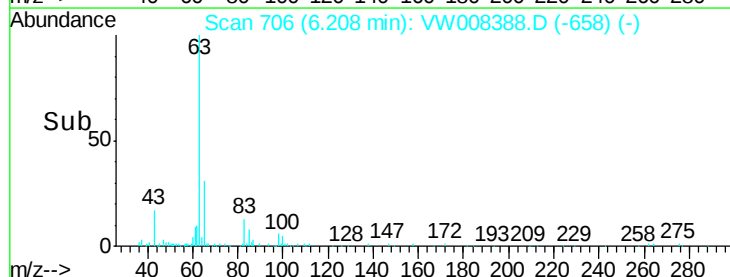
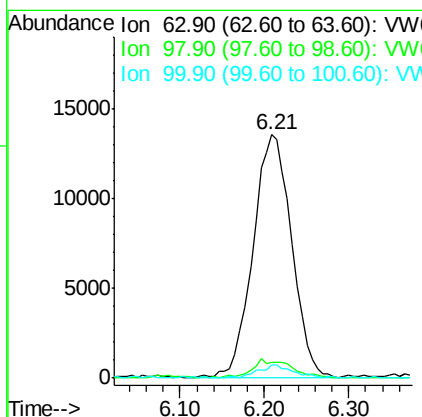
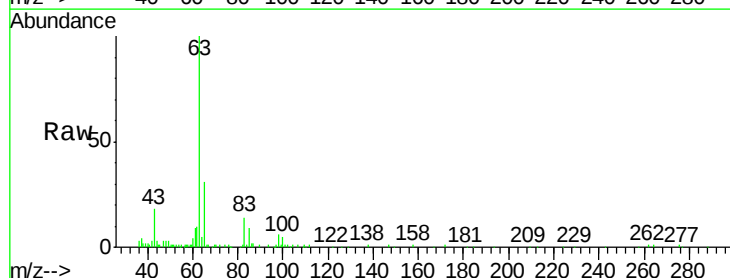
Tgt Ion: 63 Resp: 42917

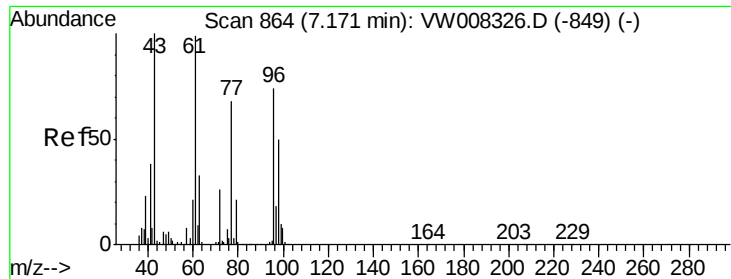
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.6

100 5.3 2.1 6.3





#25

2-Butanone

Concen: 99.005 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampled :

VW0122SBS01

Tot Ion: 43 Resp: 29487

Ion Ratio Lower Upper

43 100

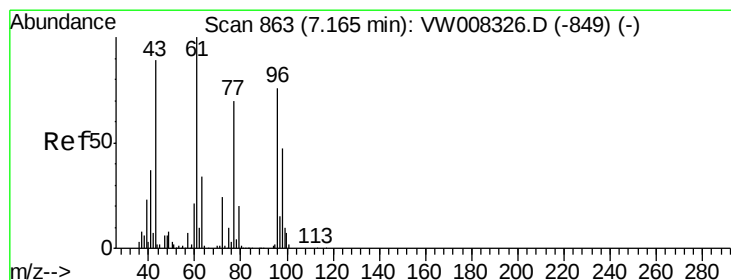
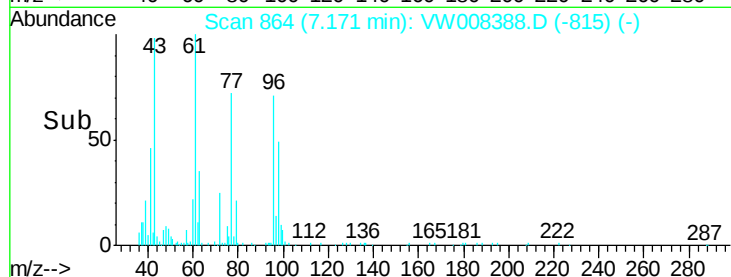
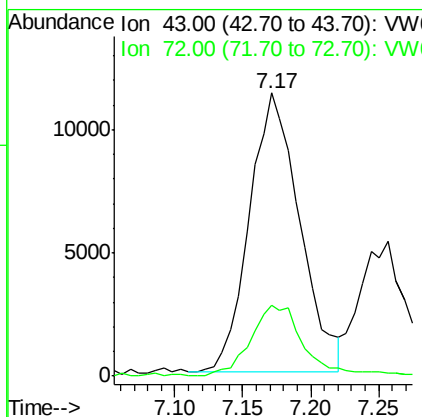
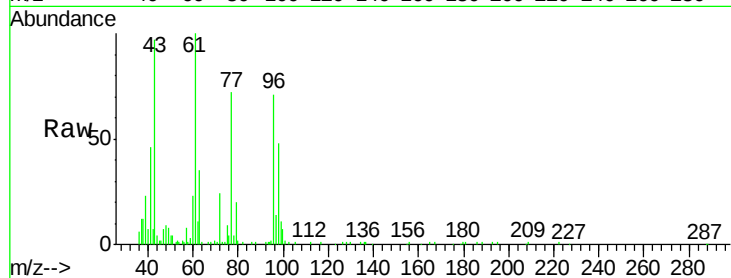
72 25.5 21.2 31.8

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1/23/2019 11:42:29 AM



#26

2,2-Dichloropropane

Concen: 21.854 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008388.D

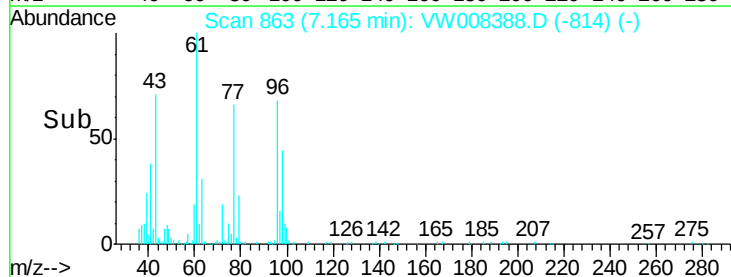
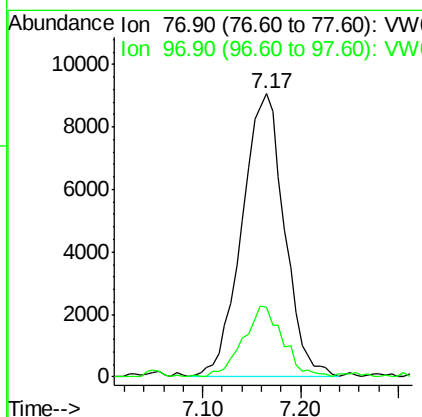
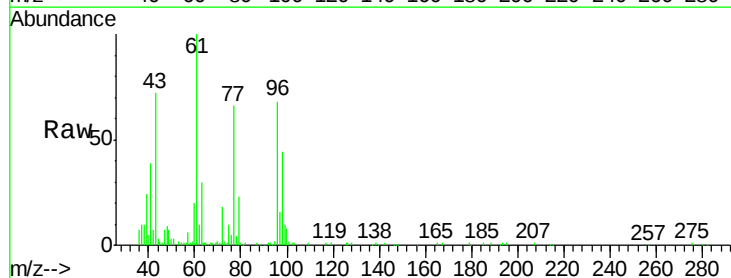
Acq: 22 Jan 2019 15:04

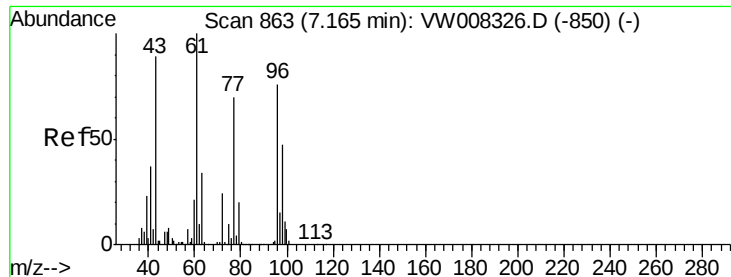
Tgt Ion: 77 Resp: 27374

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

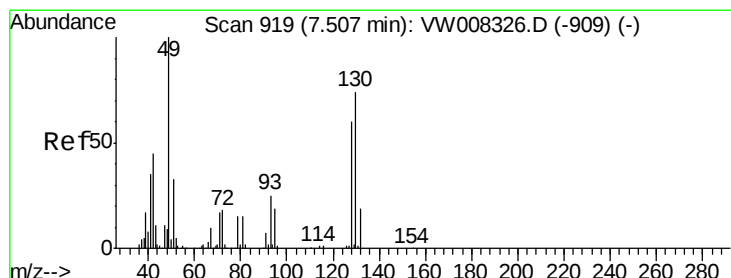
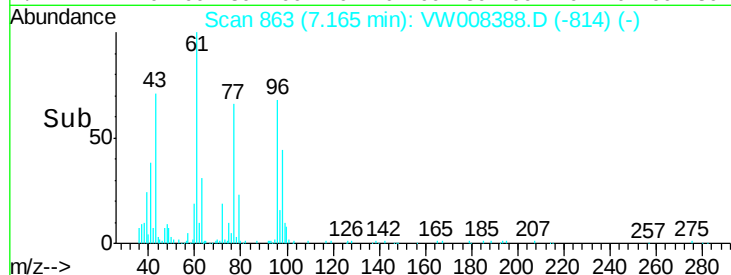
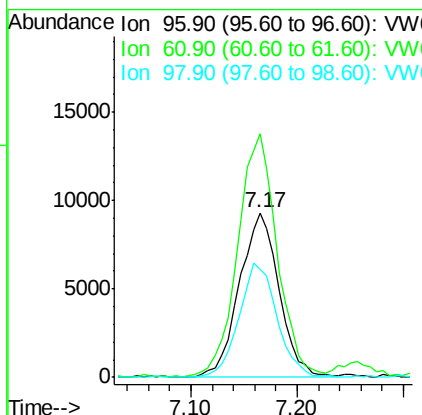
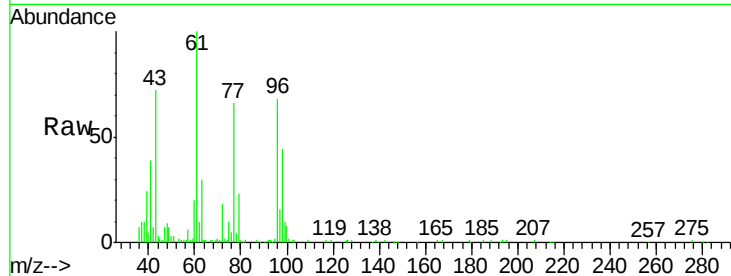
cis-1,2-Dichloroethene
Concen: 20.266 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	272.2
98	66.2	0.0	129.4

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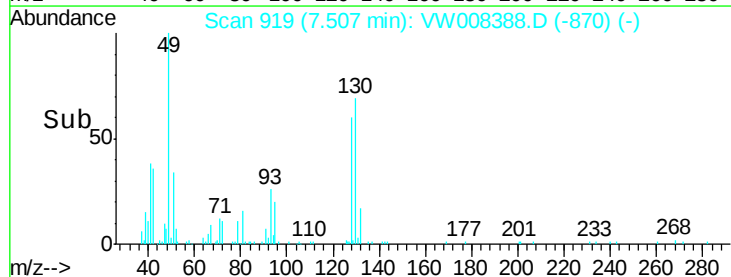
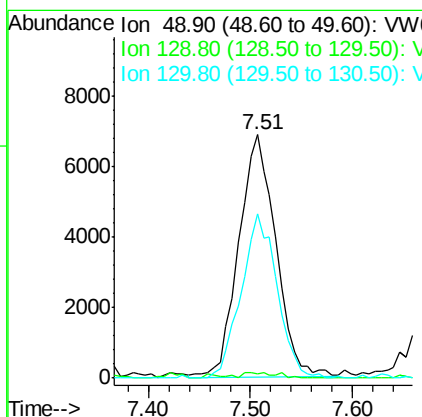
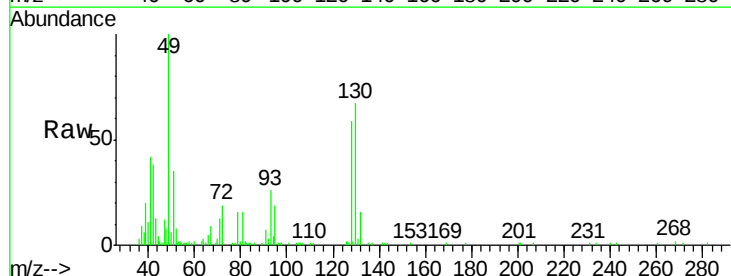
MMDadoda
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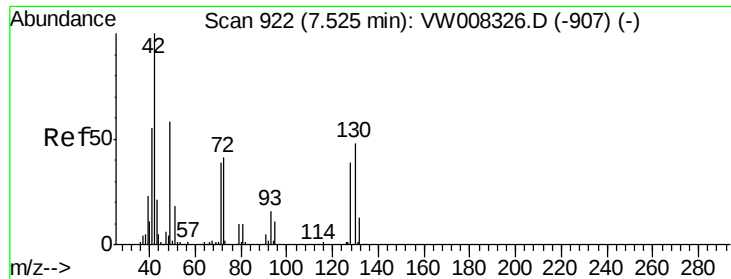


#28

Bromochloromethane
Concen: 21.522 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	2.6
130	65.6	0.0	0.0#





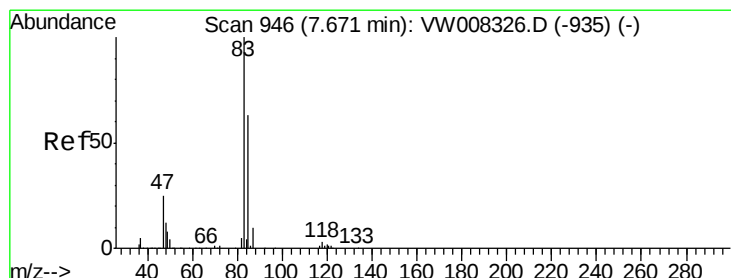
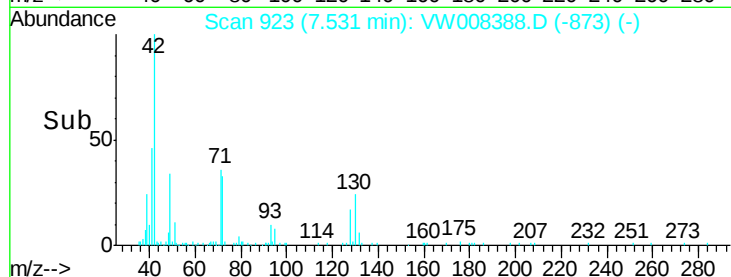
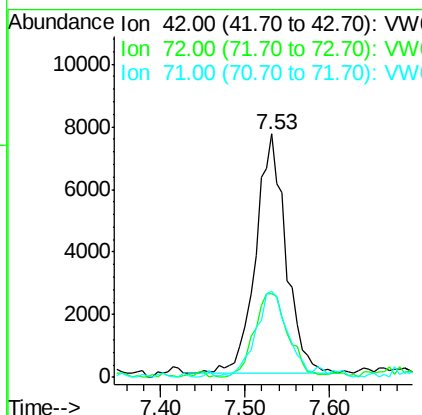
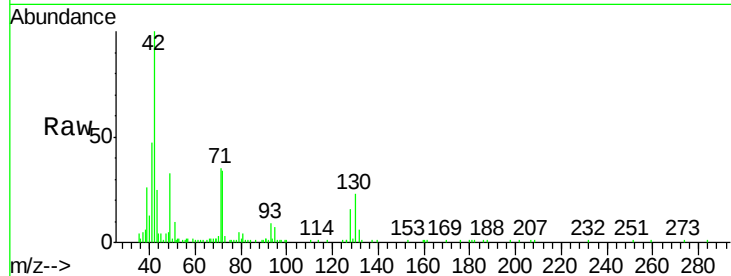
#29
Tetrahydrofuran
Concen: 101.301 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.9	34.0	51.0
71	35.9	32.0	48.0

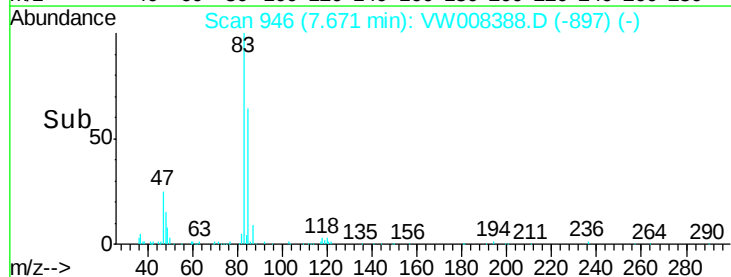
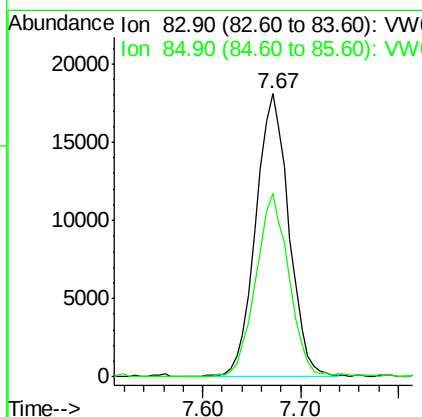
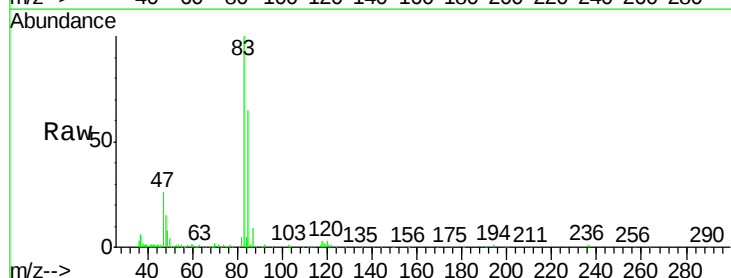
Manual Integrations
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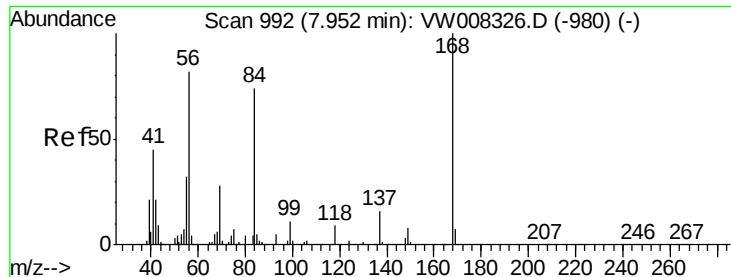
MMDadoda
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#30
Chloroform
Concen: 22.175 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.2	75.2





#31

Cyclohexane

Concen: 21.008 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

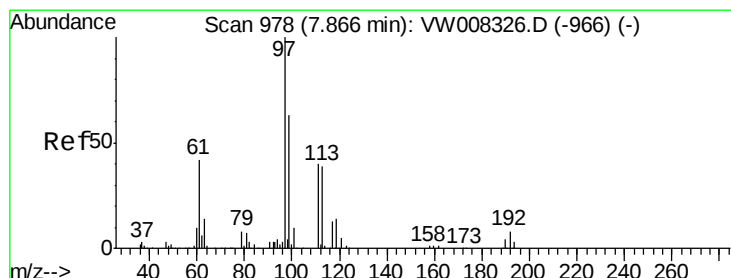
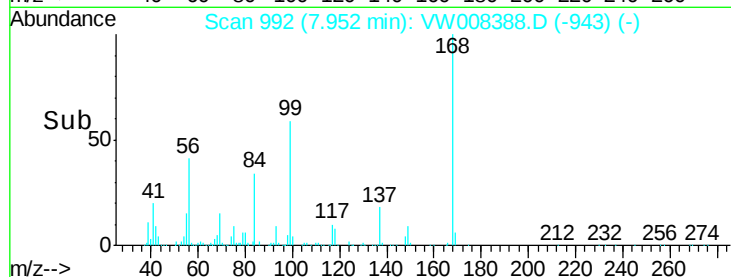
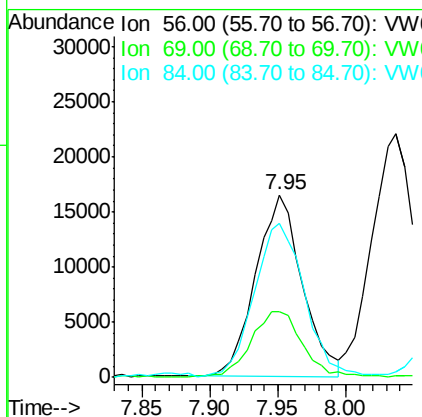
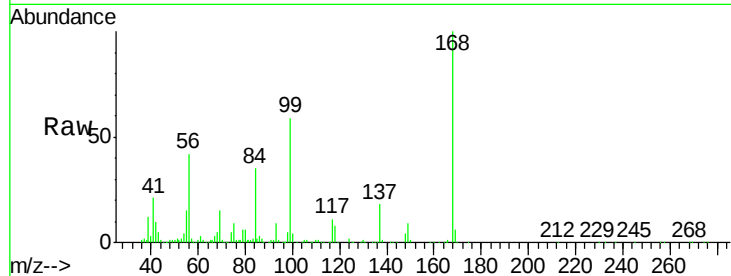
ClientSampleId :

VW0122SBS01

Tot Ion:	56	Resp:	39288
Ion Ratio	Lower	Upper	
56	100		
69	35.8	27.0	40.6
84	82.6	72.5	108.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 21.746 ug/l

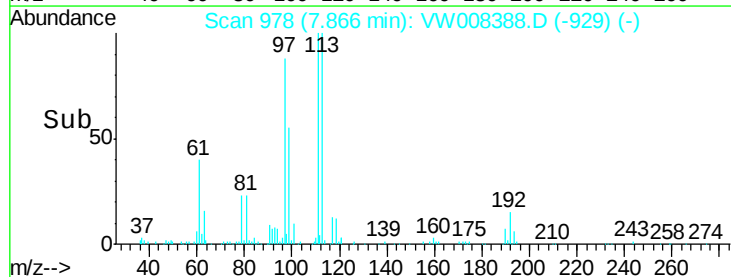
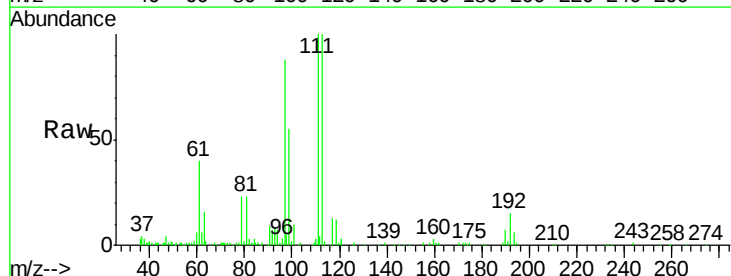
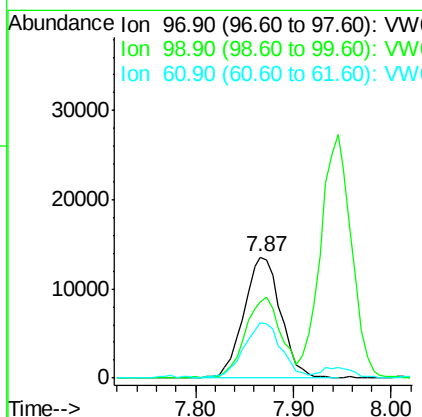
RT: 7.87 min Scan# 978

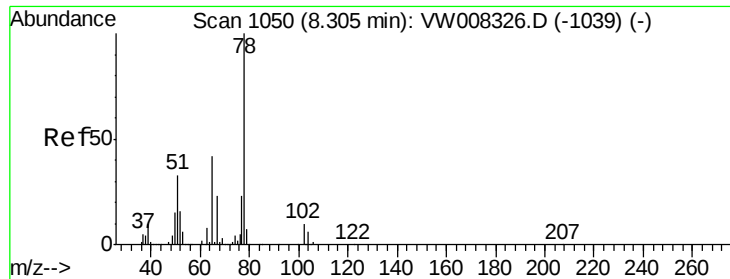
Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion:	97	Resp:	35442
Ion Ratio	Lower	Upper	
97	100		
99	65.2	51.1	76.7
61	46.3	34.0	51.0





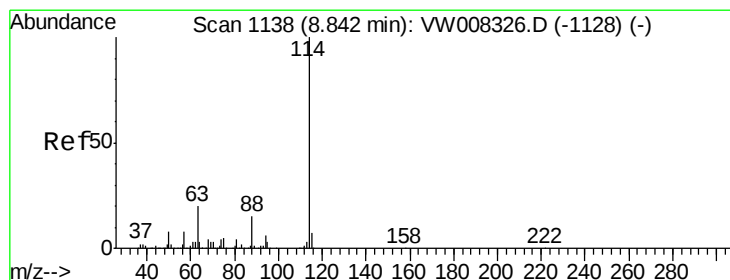
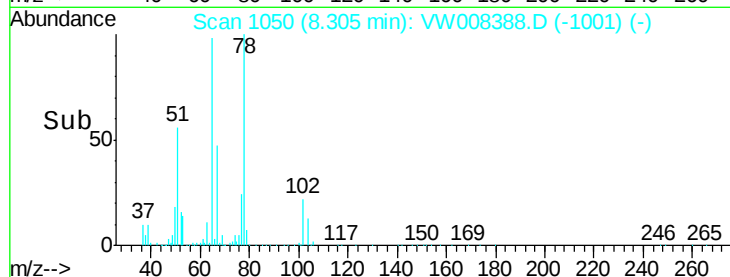
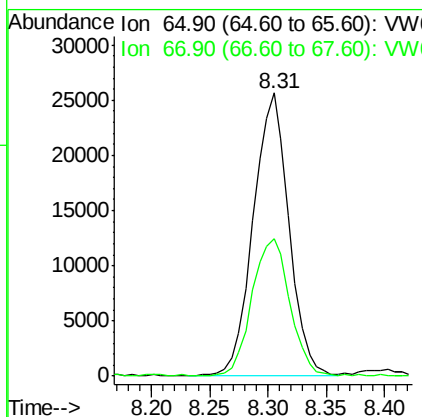
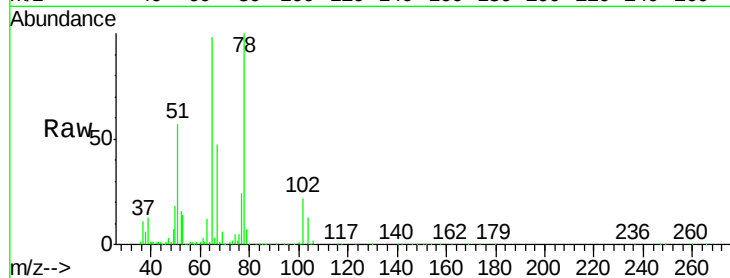
#33
 1,2-Dichloroethane-d4
 Concen: 54.713 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	106.2

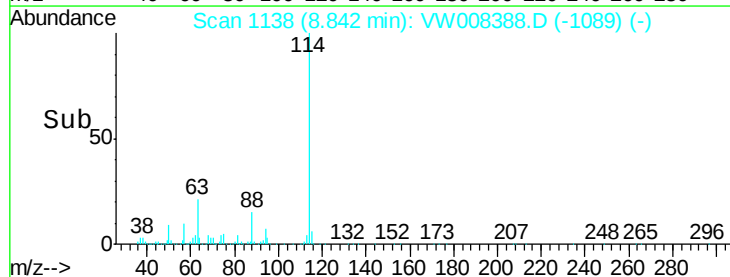
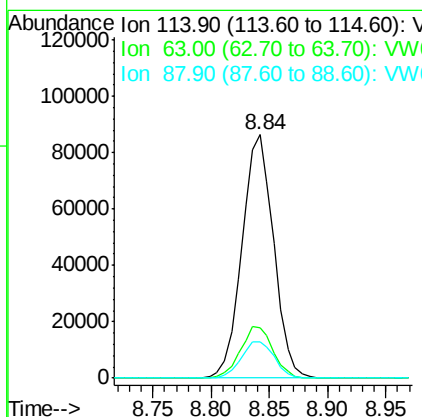
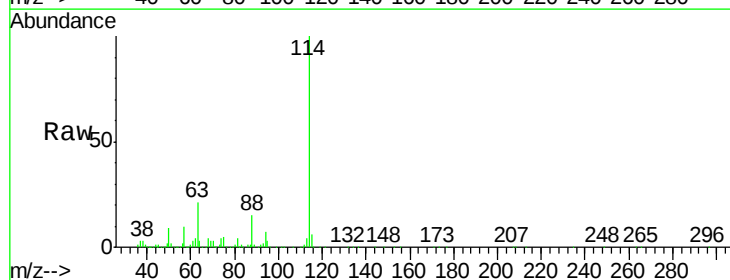
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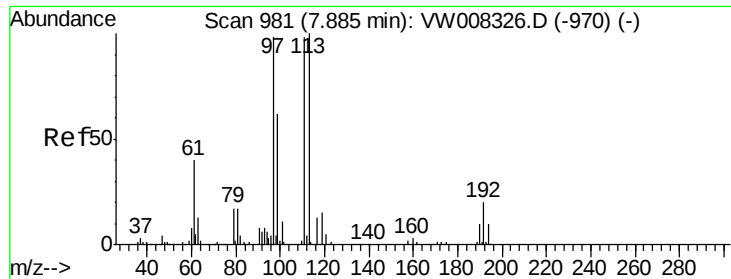
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	40.8
88	15.1	0.0	30.4





#35

Dibromofluoromethane

Concen: 51.574 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

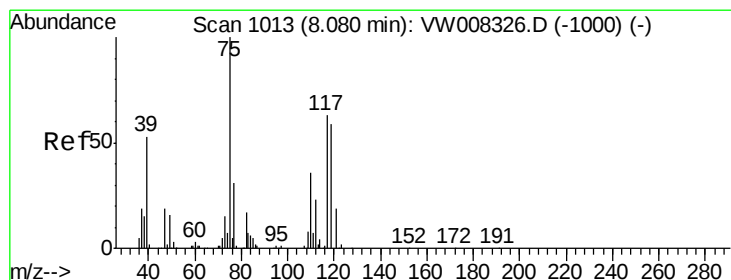
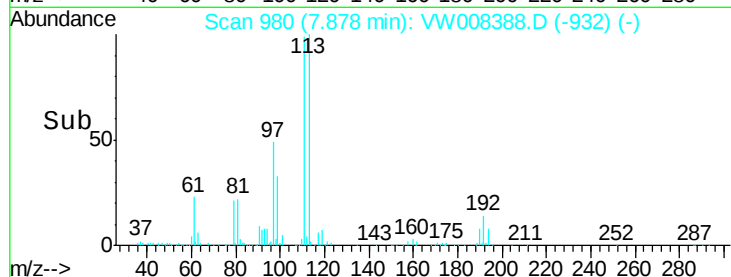
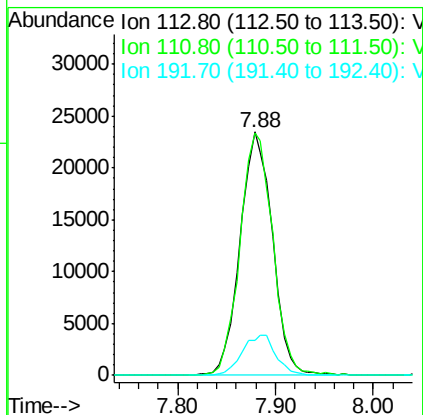
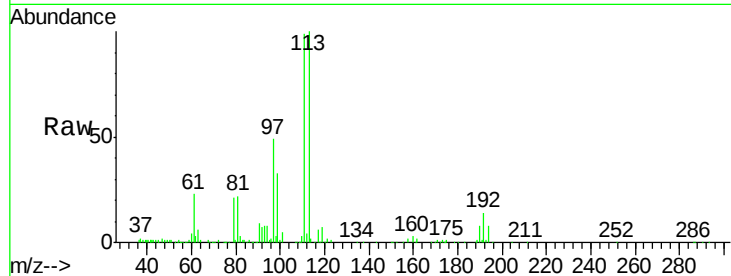
ClientSampleId :

VW0122SBS01

Tot Ion:	113	Resp:	53917
Ion Ratio	Lower	Upper	
113	100		
111	101.0	81.8	122.8
192	17.1	16.3	24.5

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#36

1,1-Dichloropropene

Concen: 20.931 ug/l

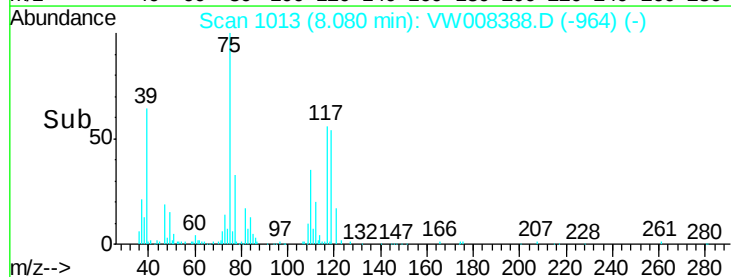
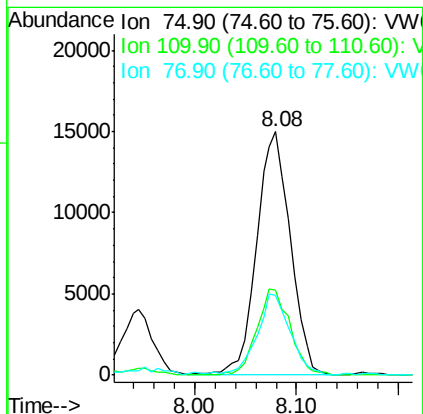
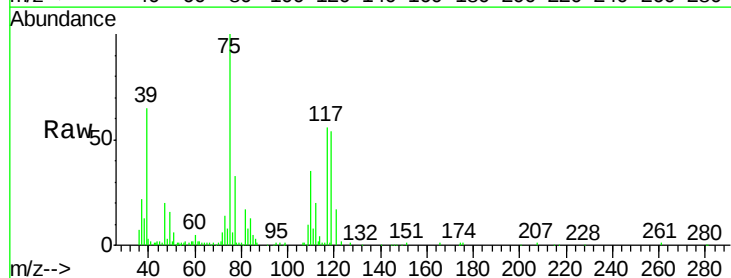
RT: 8.08 min Scan# 1013

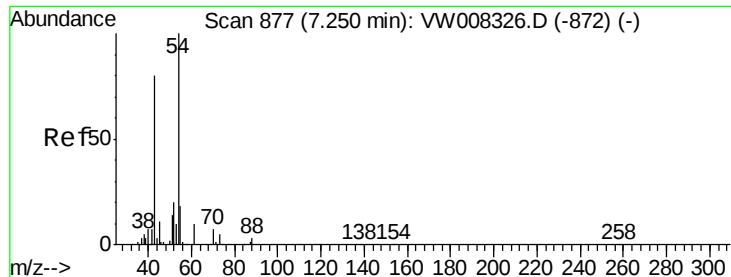
Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion:	75	Resp:	34488
Ion Ratio	Lower	Upper	
75	100		
110	34.8	17.5	52.6
77	31.7	25.0	37.6





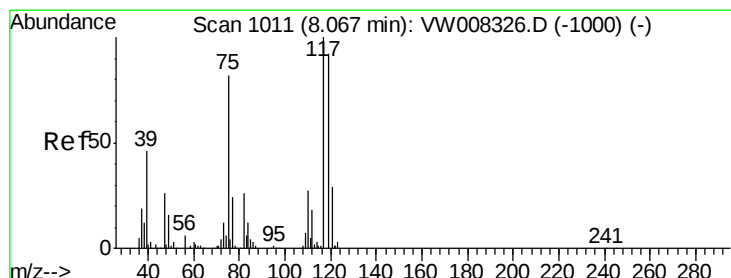
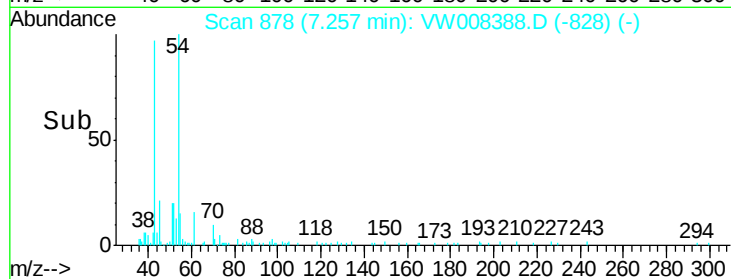
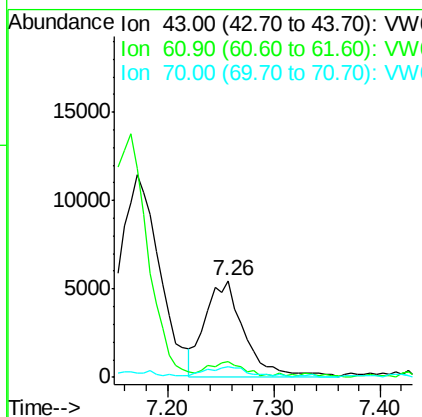
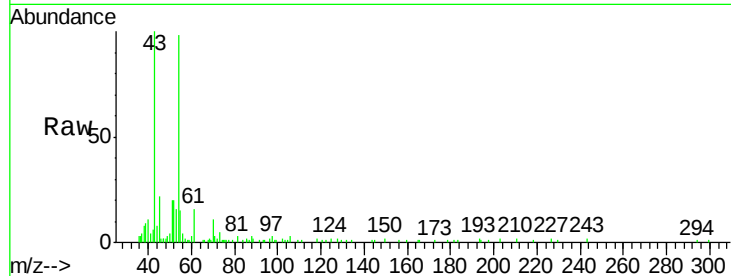
#37
Ethyl Acetate
Concen: 20.608 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.6	11.5	17.3
70	11.5	8.8	13.2

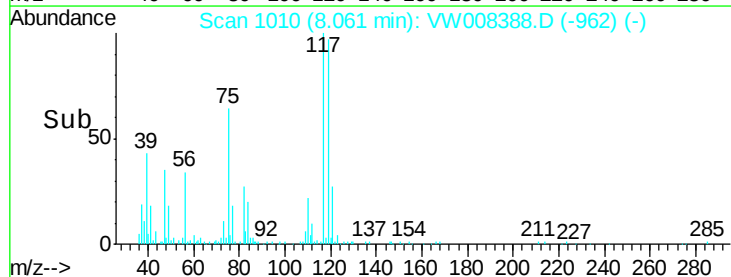
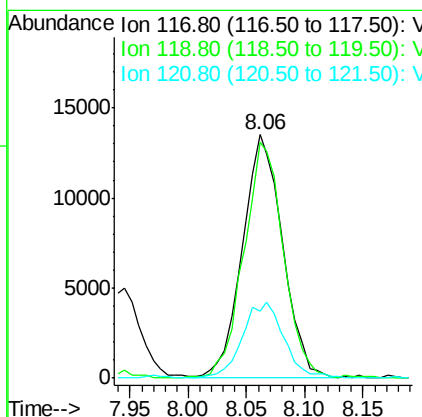
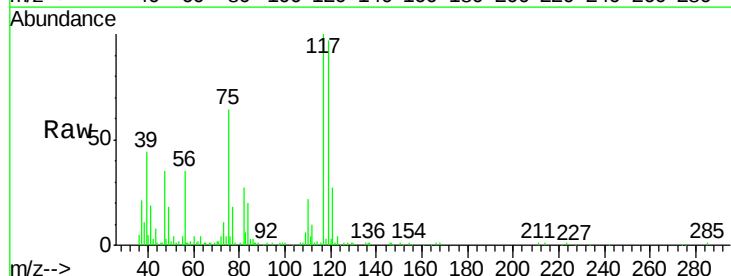
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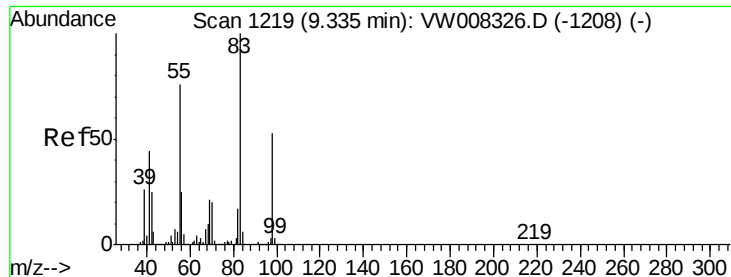
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#38
Carbon Tetrachloride
Concen: 20.029 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	73.8	110.6
121	27.3	23.4	35.0





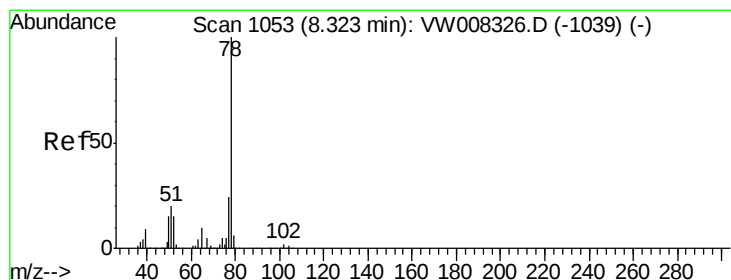
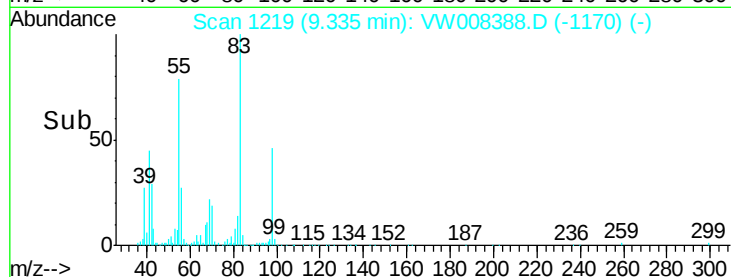
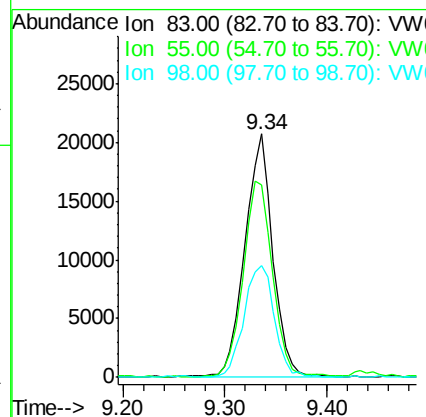
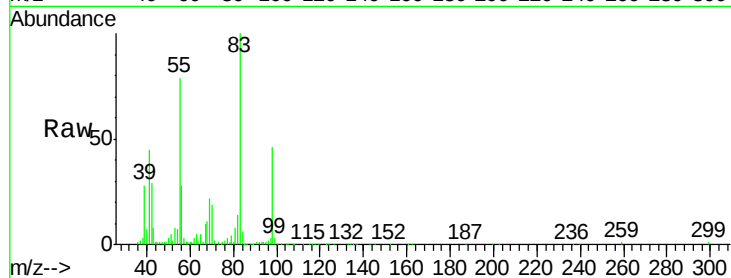
#39
Methylvlcvclohexane
Concen: 20.104 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.3	61.1	91.7
98	46.1	42.5	63.7

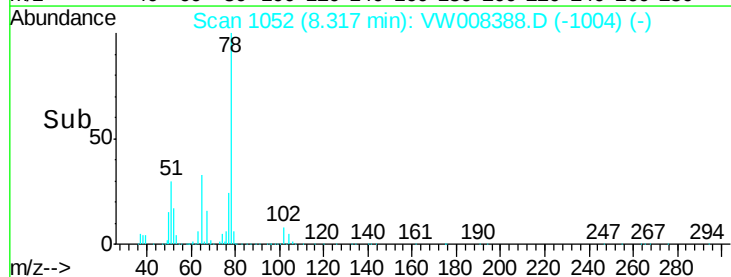
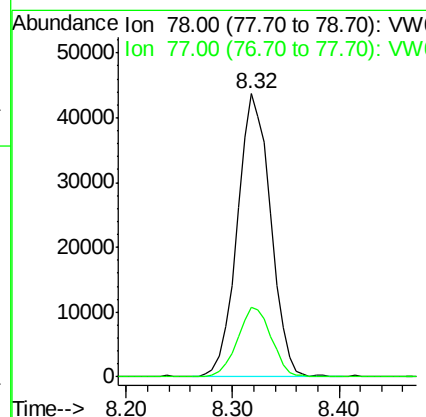
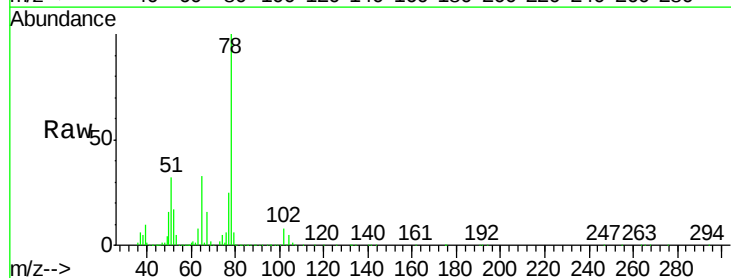
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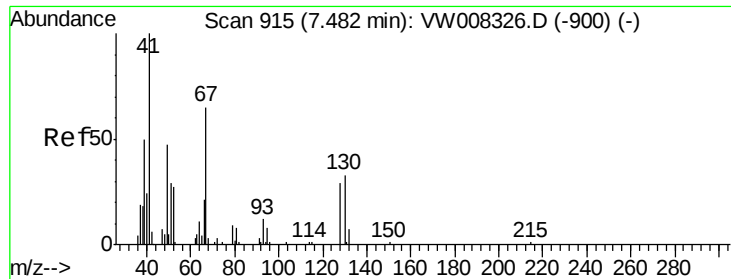
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#40
Benzene
Concen: 20.440 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	19.4	29.0





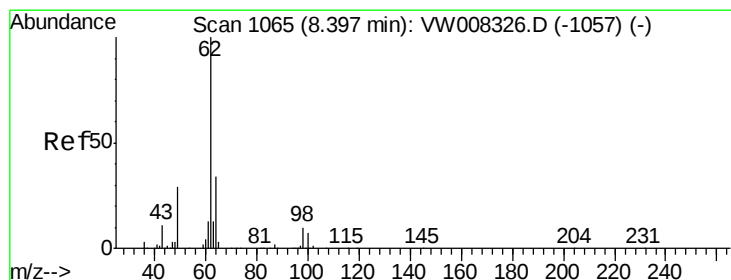
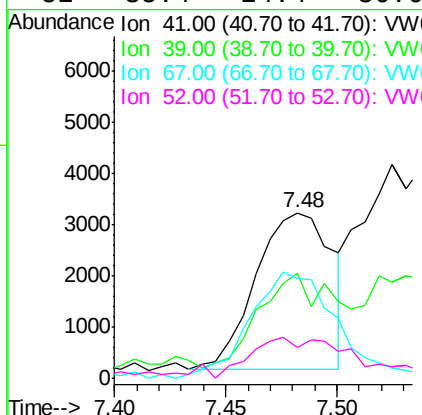
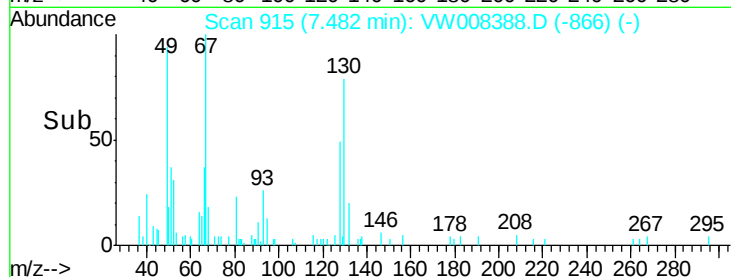
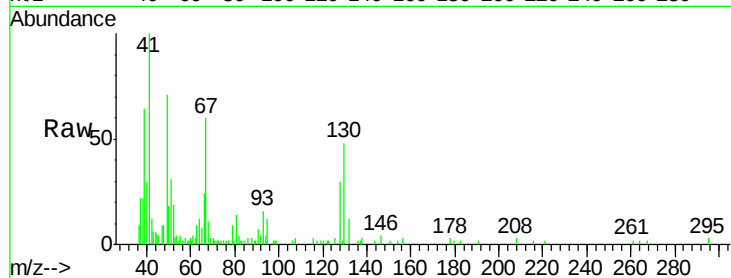
#41
Methacrylonitrile
Concen: 18.261 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	41	Resp:	7223
Ion	Ratio	Lower	Upper
41	100		
39	61.7	44.9	67.3
67	77.2	56.9	85.3
52	35.4	24.4	36.6

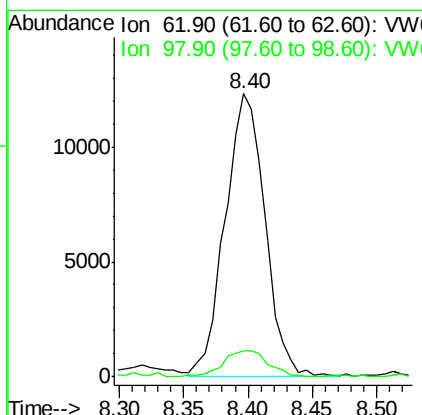
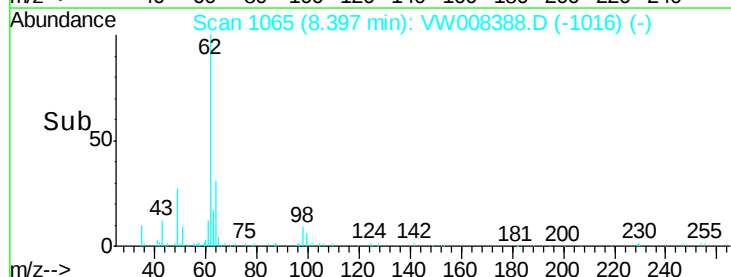
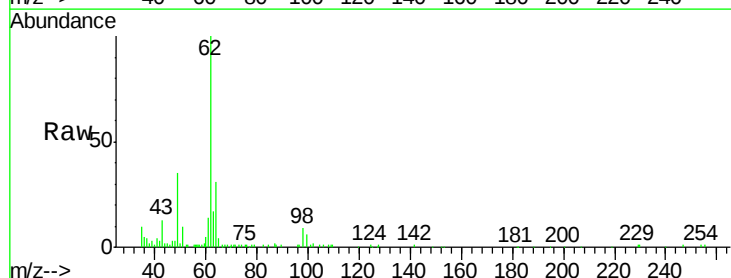
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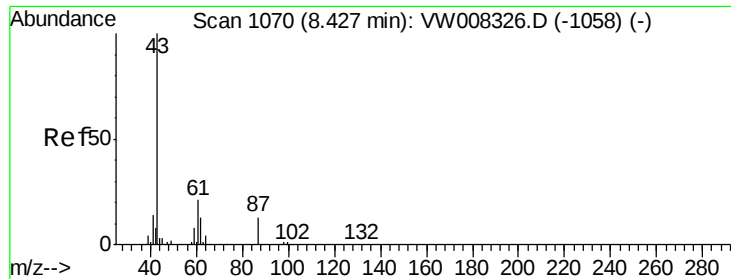
MMDadoda
1/23/2019 11:42:29 AM



#42
1,2-Dichloroethane
Concen: 20.414 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	62	Resp:	26643
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.0





#43

Isopropyl Acetate

Concen: 19.363 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

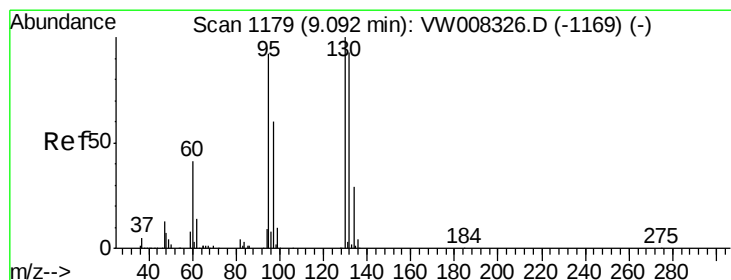
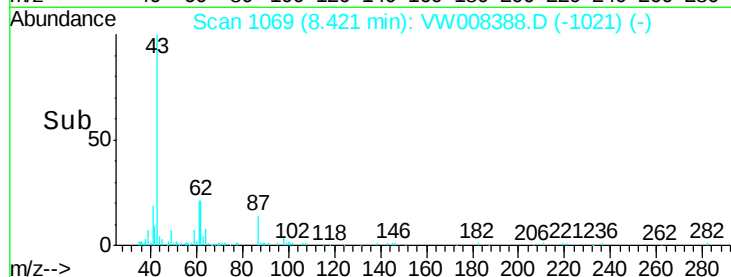
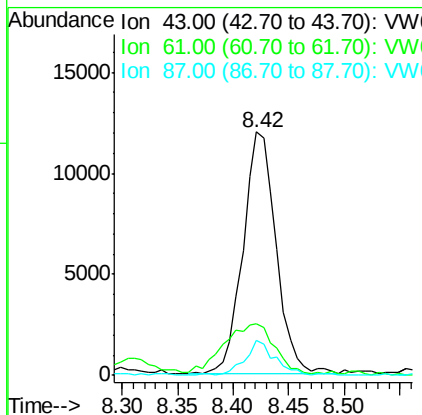
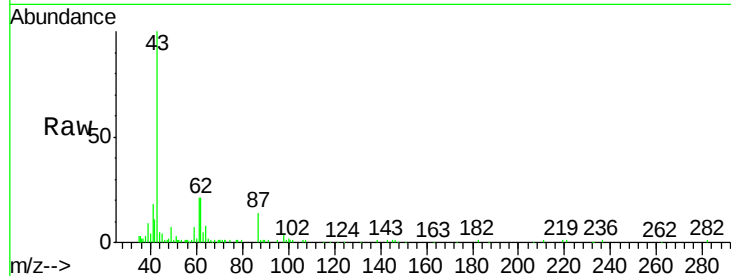
ClientSampleId :

VW0122SBS01

Tot Ion:	43	Resp:	24852
Ion	Ratio	Lower	Upper
43	100		
61	30.8	24.8	37.2
87	12.8	10.7	16.1

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#44

Trichloroethene

Concen: 19.333 ug/l

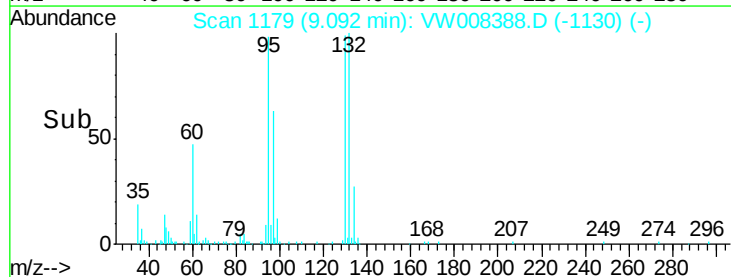
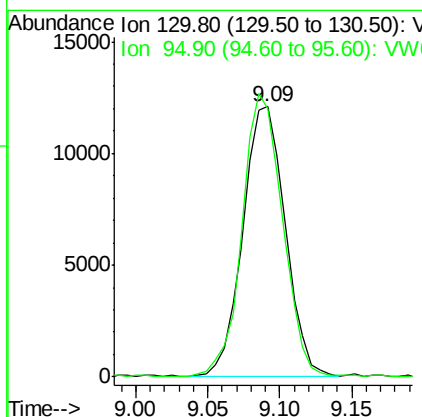
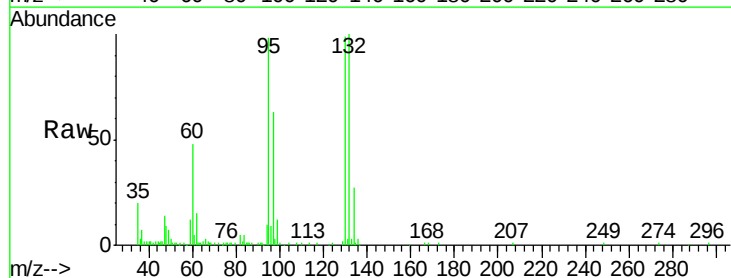
RT: 9.09 min Scan# 1179

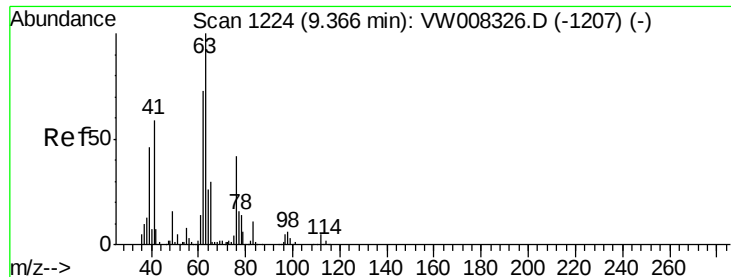
Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion:	130	Resp:	24722
Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	184.8





#45

1,2-Dichloropropane

Concen: 21.667 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 63 Resp: 25121

Ion Ratio Lower Upper

63 100

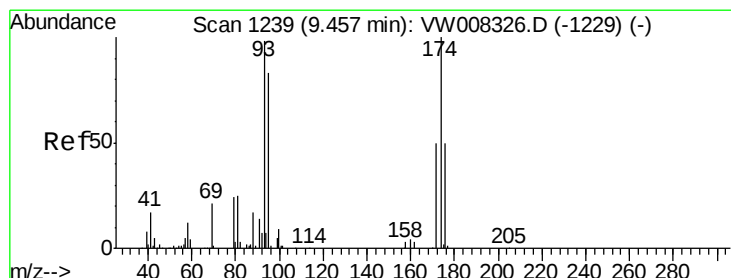
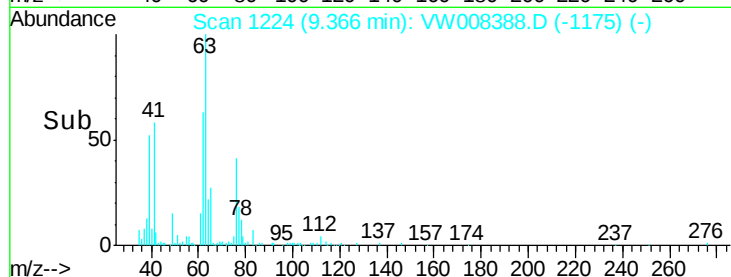
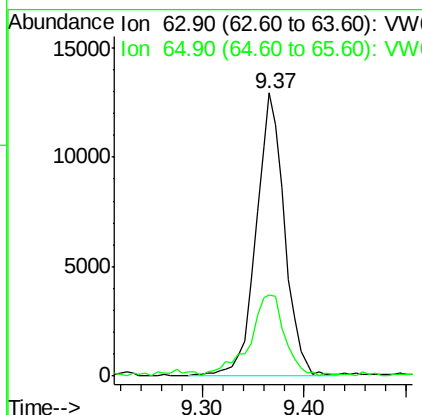
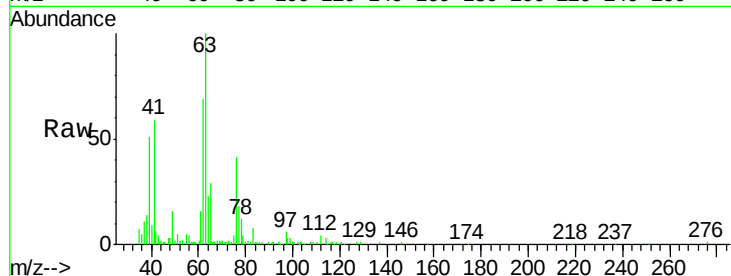
65 28.4 23.9 35.9

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1/23/2019 11:42:29 AM



#46

Dibromomethane

Concen: 20.582 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

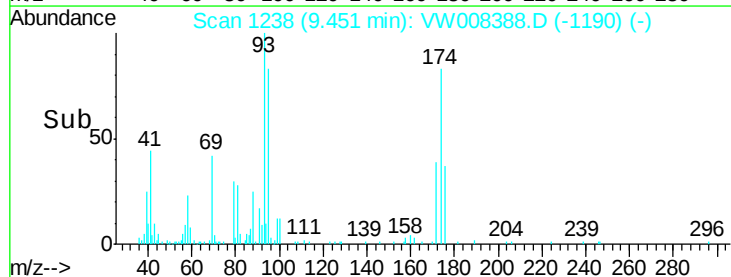
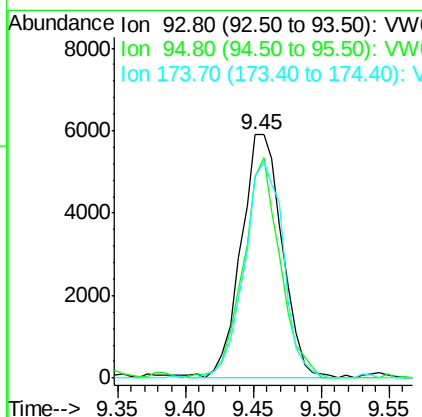
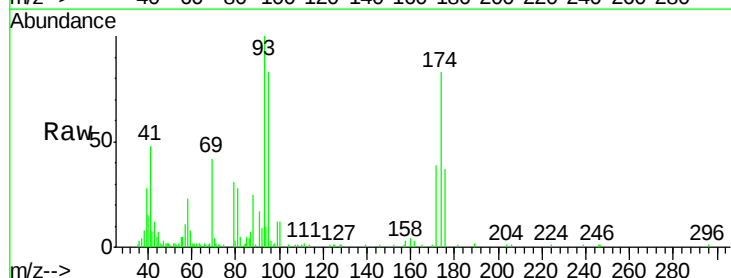
Tgt Ion: 93 Resp: 12437

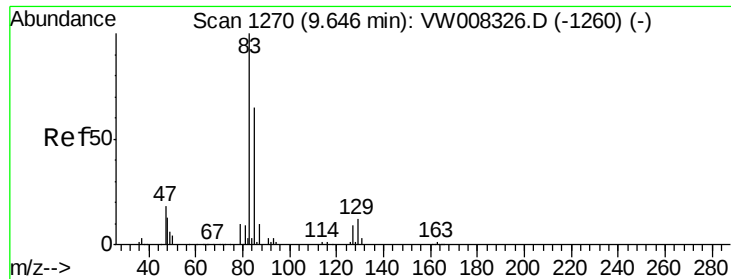
Ion Ratio Lower Upper

93 100

95 81.6 67.8 101.8

174 84.8 84.4 126.6





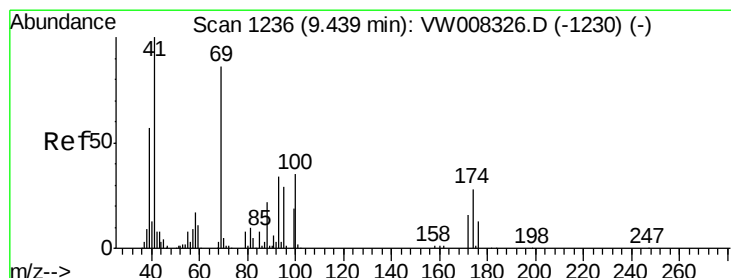
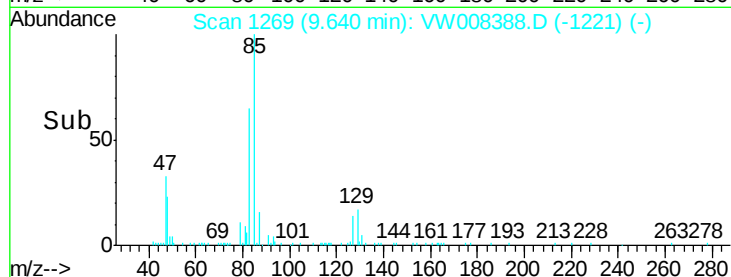
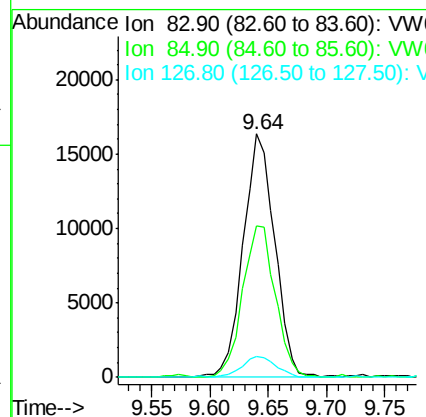
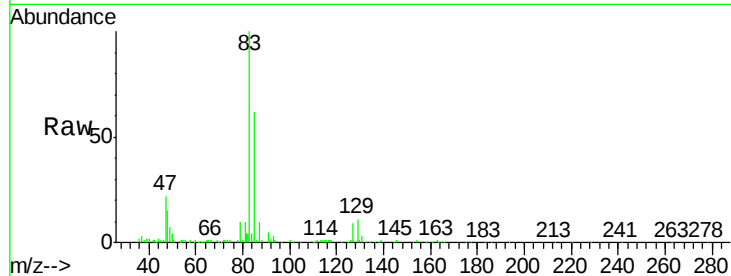
#47
Bromodichloromethane
Concen: 20.830 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.6	77.4
127	8.6	6.8	10.2

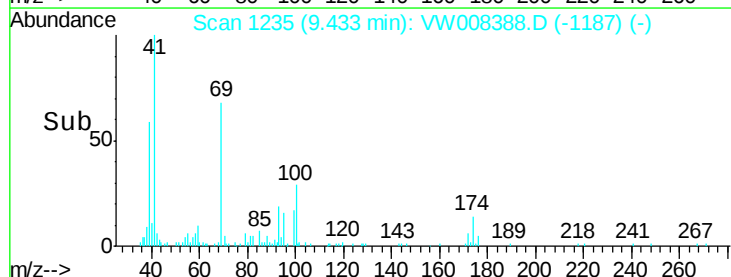
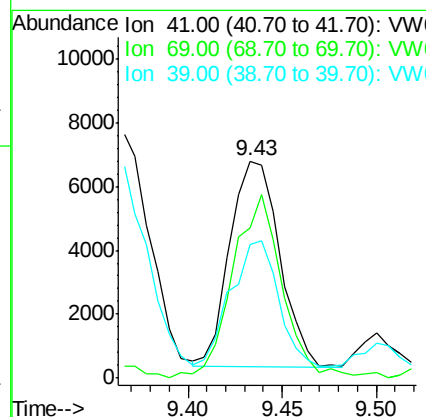
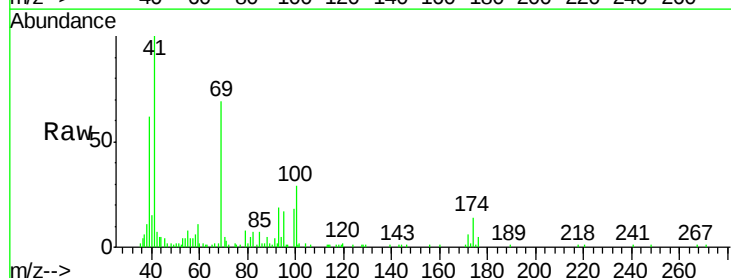
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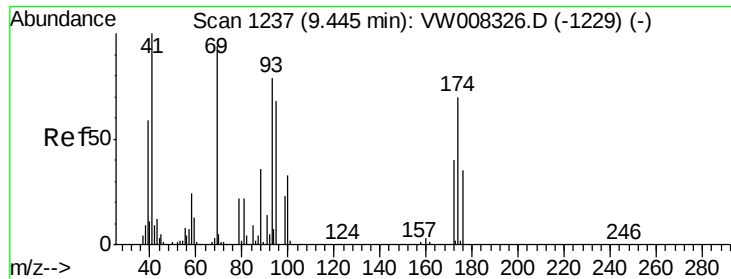
MMDadoda
1/23/2019 11:42:29 AM



#48
Methyl methacrylate
Concen: 19.576 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
41	100		
69	89.1	68.2	102.4
39	58.9	46.0	69.0





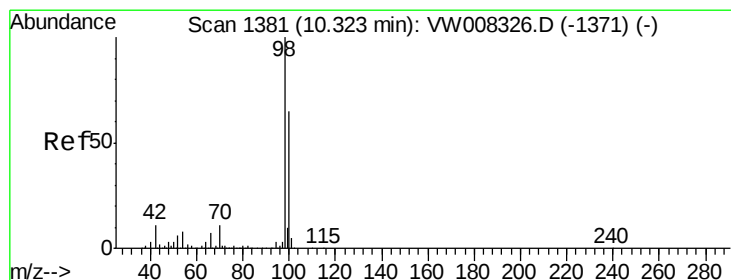
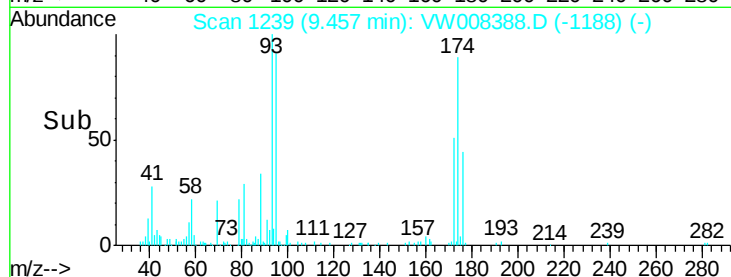
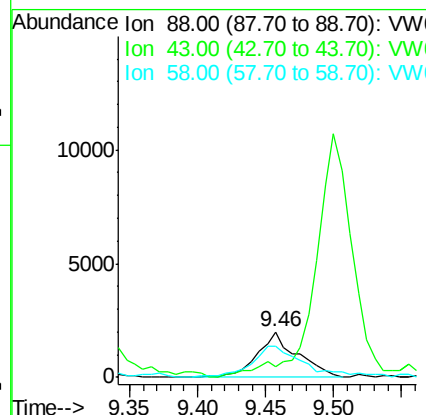
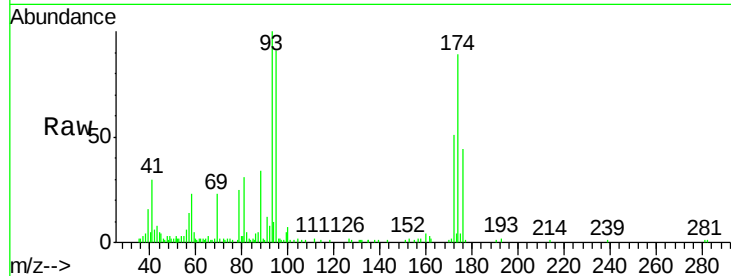
#49
1,4-Dioxane
Concen: 420.046 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.1	40.7#
58	92.6	57.9	86.9#

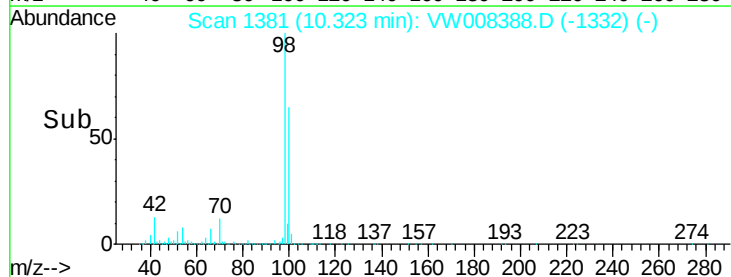
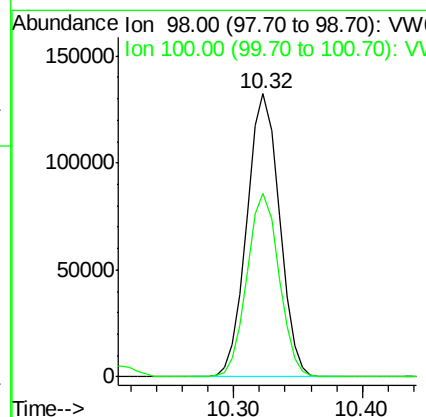
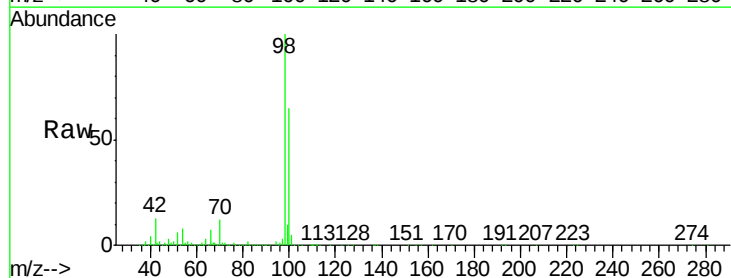
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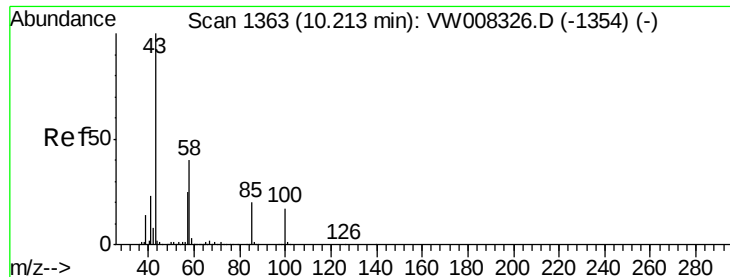
MMDadoda
1/23/2019 11:42:29 AM



#50
Toluene-d8
Concen: 56.448 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 96.660 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 43 Resp: 62820

Ion Ratio Lower Upper

43 100

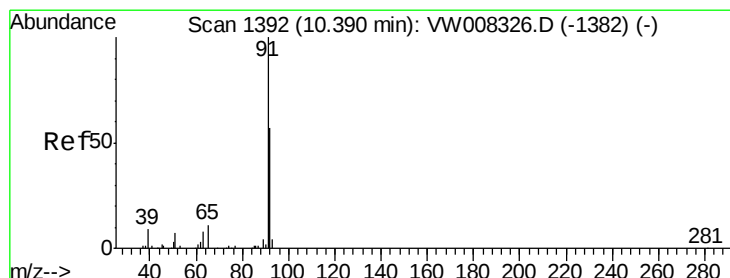
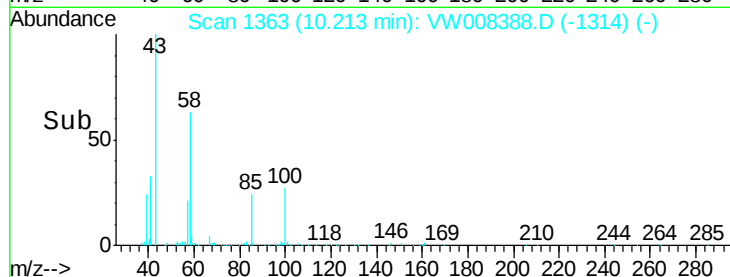
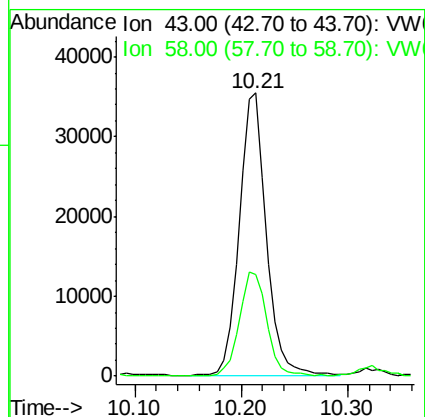
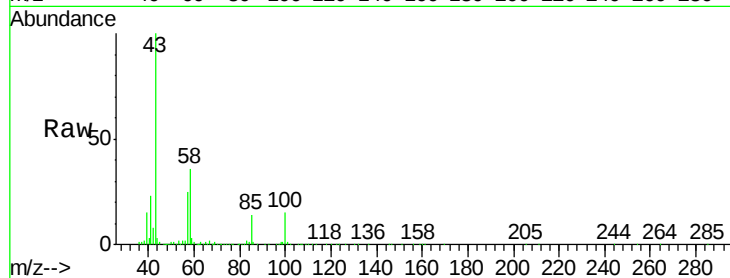
58 37.0 31.4 47.0

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MMDadoda

1/23/2019 11:42:29 AM



#52

Toluene

Concen: 21.500 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008388.D

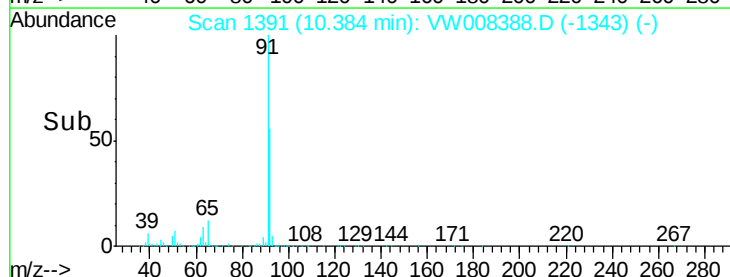
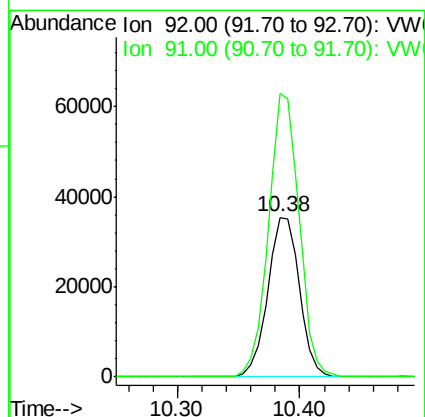
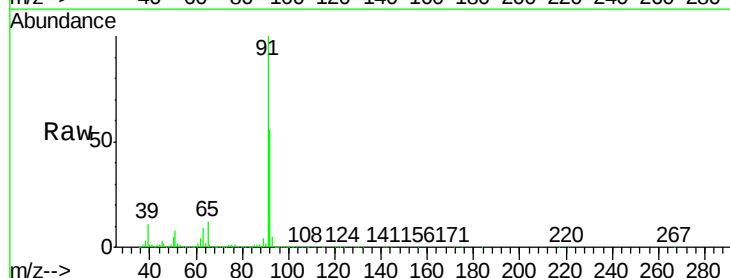
Acq: 22 Jan 2019 15:04

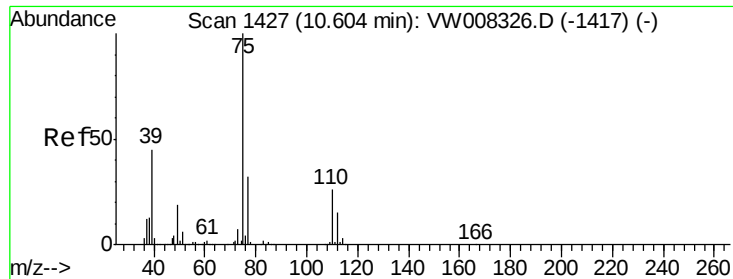
Tgt Ion: 92 Resp: 63505

Ion Ratio Lower Upper

92 100

91 172.1 140.2 210.2





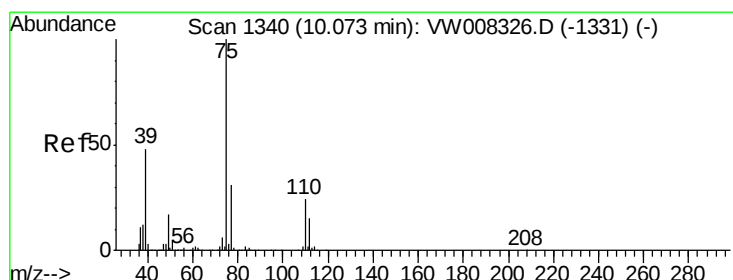
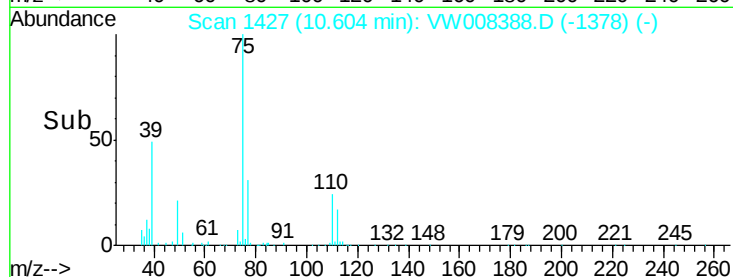
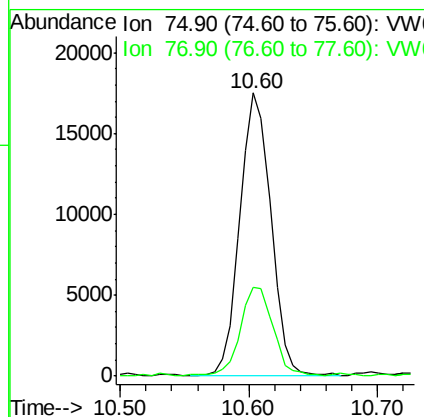
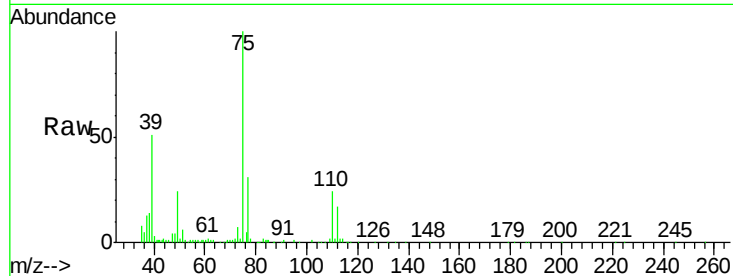
#53
 t-1,3-Dichloropropene
 Concen: 19.727 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion: 75 Resp: 29347
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.8 38.8

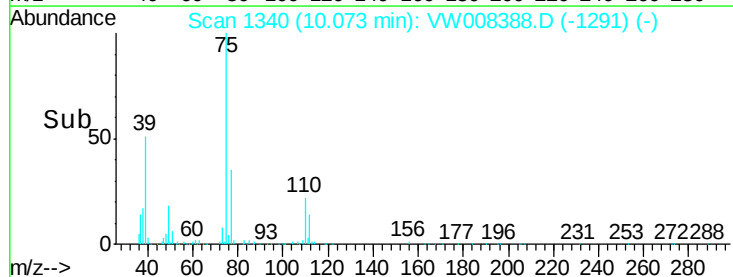
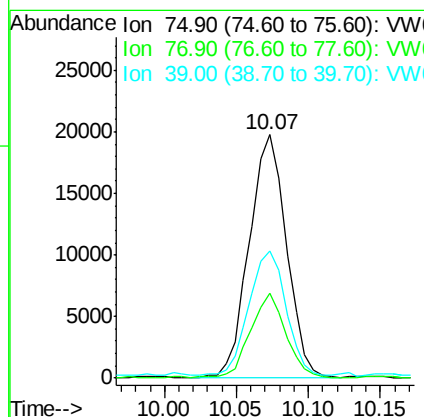
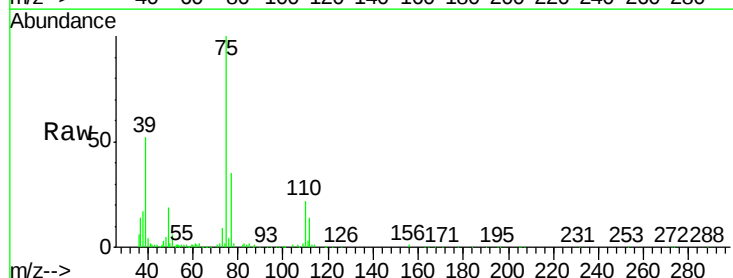
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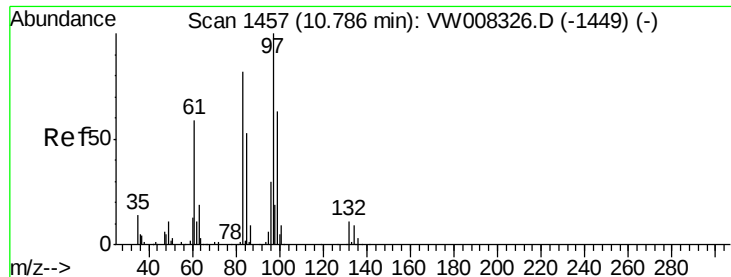
MMDadoda
 1/23/2019 11:42:29 AM



#54
 cis-1,3-Dichloropropene
 Concen: 20.221 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Tgt Ion: 75 Resp: 35462
 Ion Ratio Lower Upper
 75 100
 77 35.1 24.4 36.6
 39 51.3 38.6 57.8





#55

1,1,2-Trichloroethane

Concen: 20.583 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

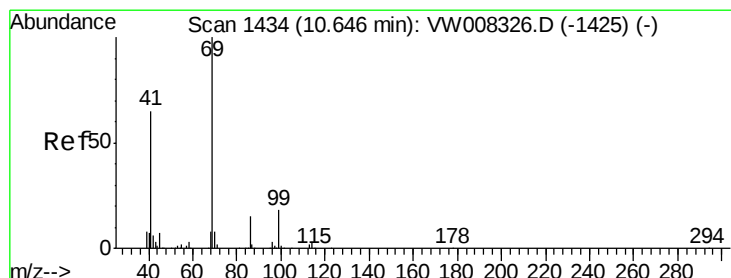
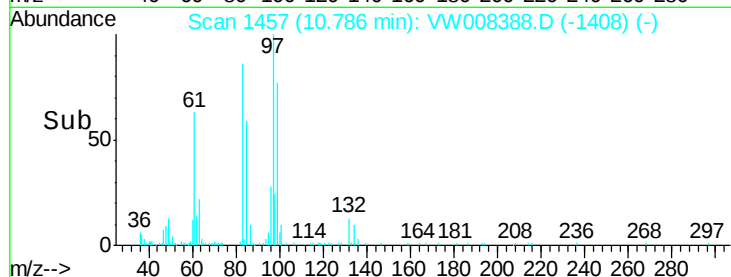
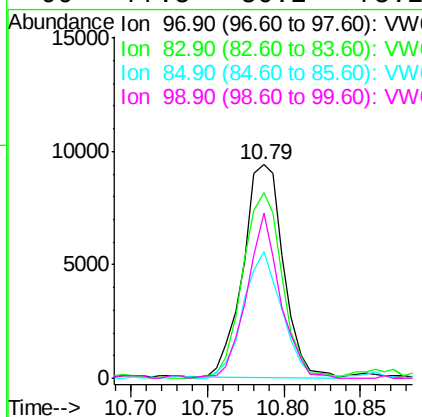
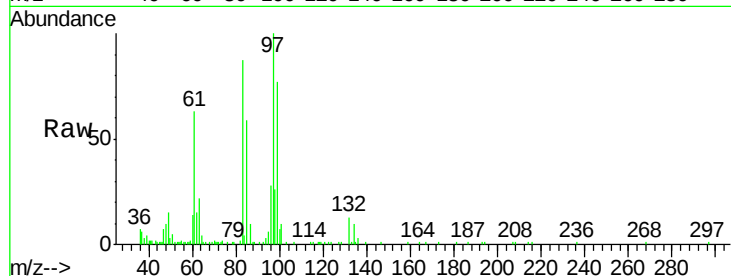
ClientSampleId :

VW0122SBS01

Tot Ion	97	Resp	17251
Ion	Ratio	Lower	Upper
97	100		
83	87.3	65.3	97.9
85	59.1	42.6	64.0
99	77.5	50.2	75.2#

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1/23/2019 11:42:29 AM



#56

Ethyl methacrylate

Concen: 18.740 ug/l

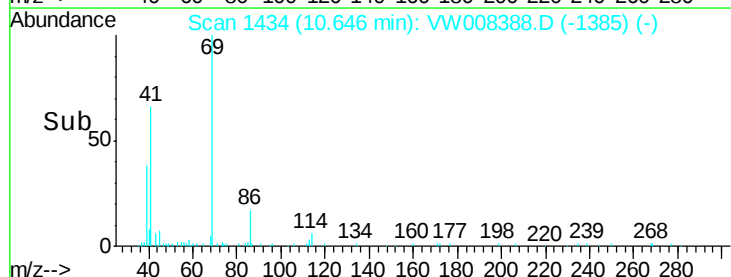
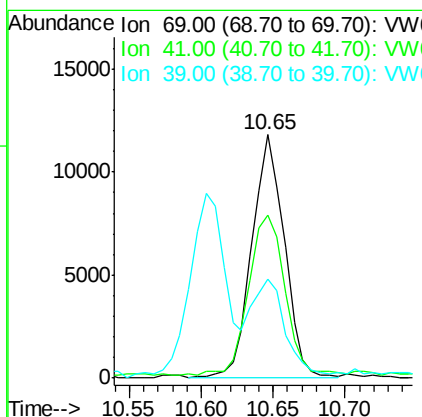
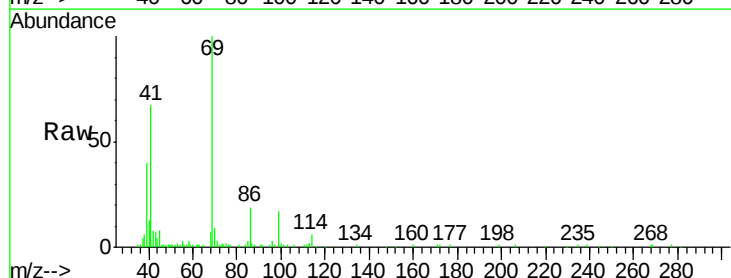
RT: 10.65 min Scan# 1434

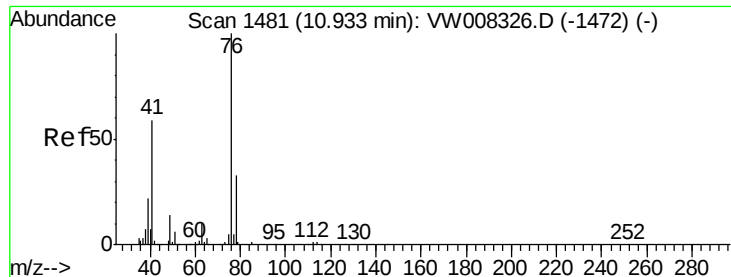
Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion	69	Resp	18446
Ion	Ratio	Lower	Upper
69	100		
41	72.8	52.9	79.3
39	39.7	28.4	42.6





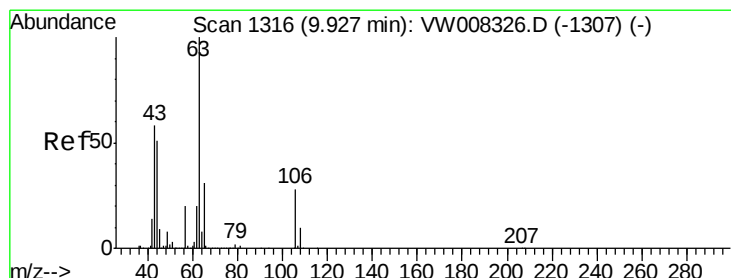
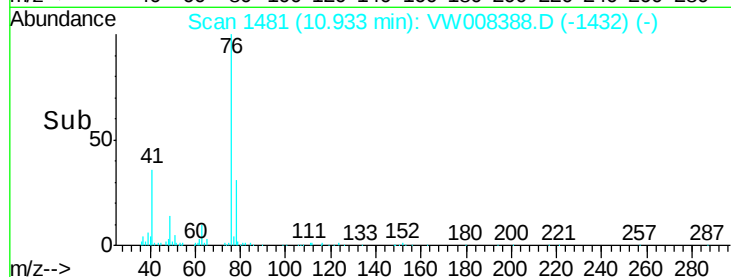
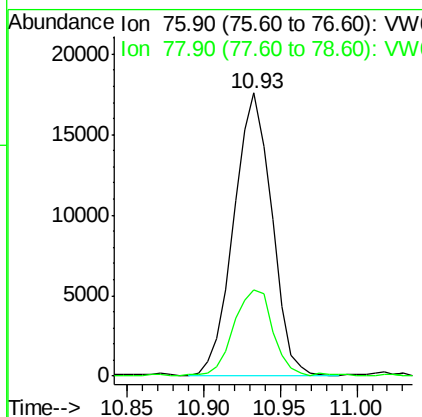
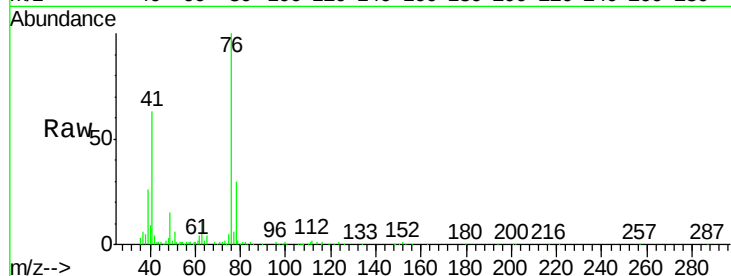
#57
 1,3-Dichloropropane
 Concen: 20.916 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.4	26.1	39.1

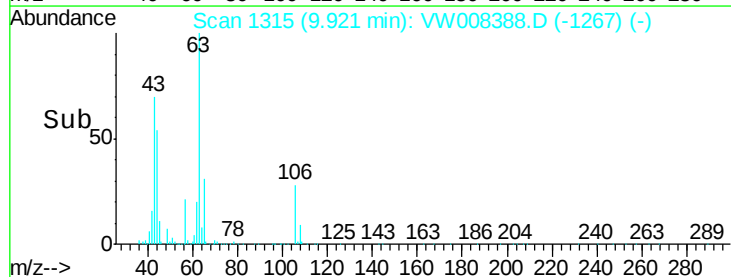
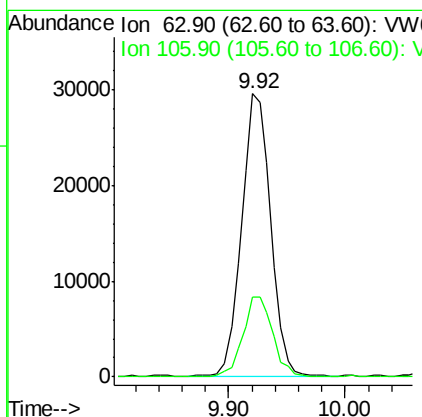
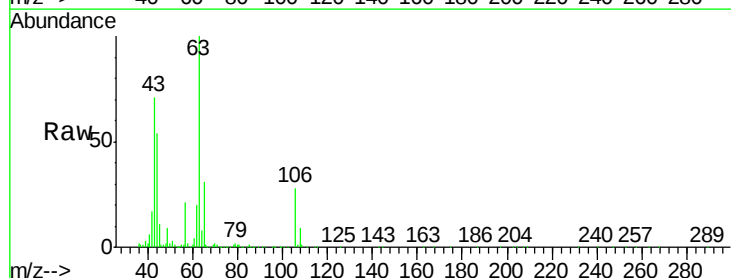
Manual Integrations
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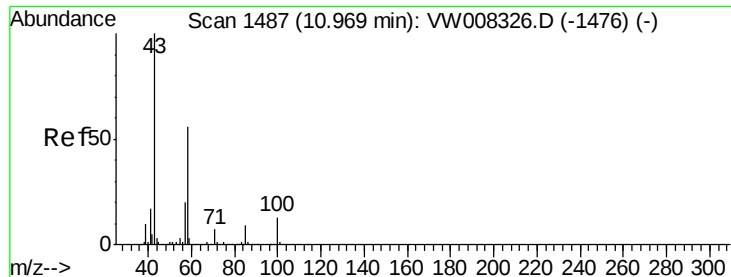
MMDadoda
 1/23/2019 11:42:29 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 108.937 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.9	34.3





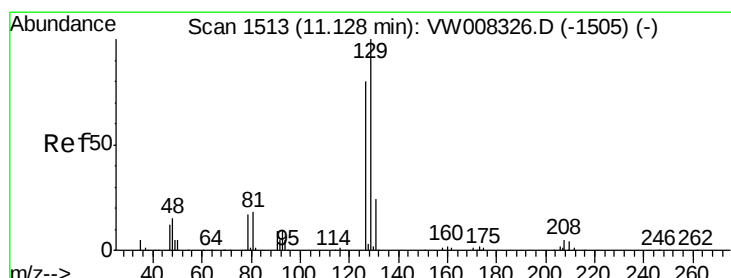
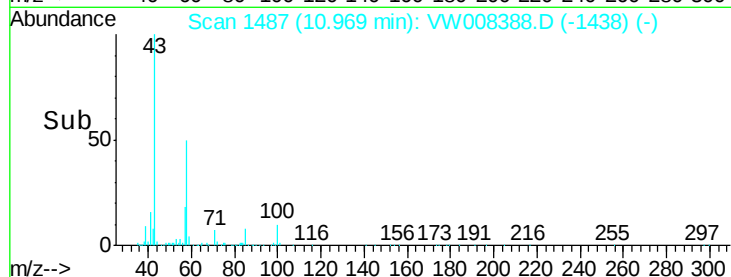
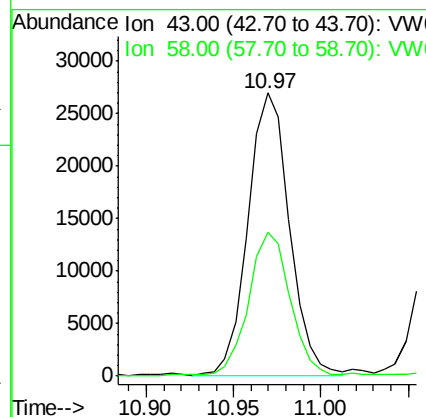
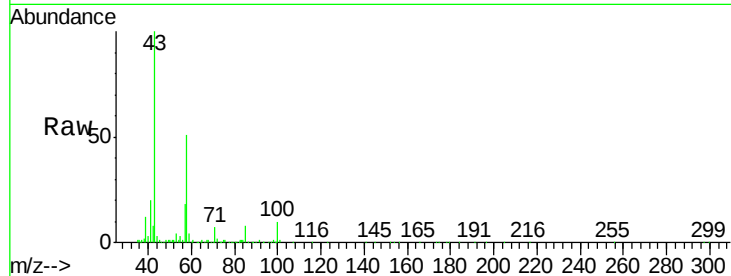
#59
2-Hexanone
Concen: 96.883 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion: 43 Resp: 44117
Ion Ratio Lower Upper
43 100
58 50.1 27.5 82.5

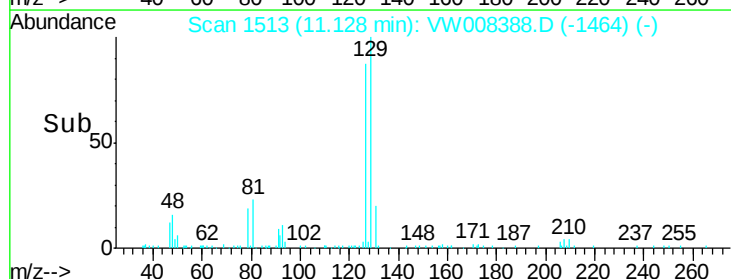
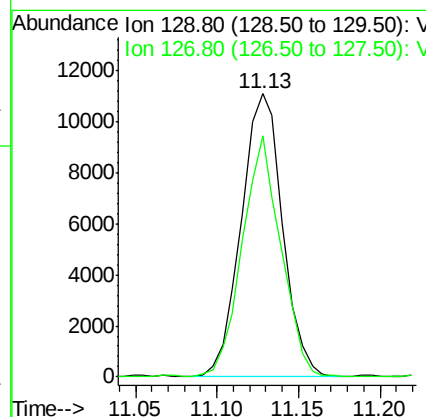
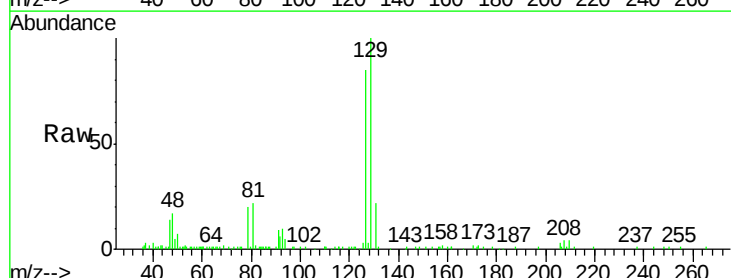
Manual Integrations
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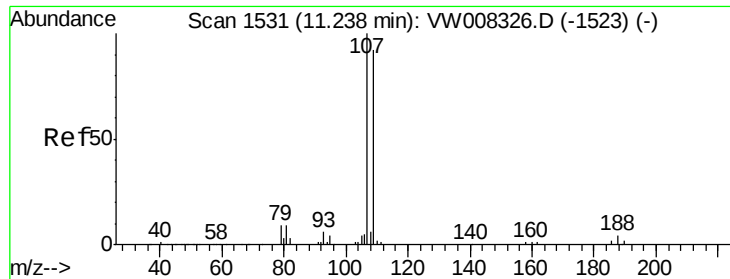
MMDadoda
1/23/2019 11:42:29 AM



#60
Dibromochloromethane
Concen: 19.574 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion: 129 Resp: 19579
Ion Ratio Lower Upper
129 100
127 79.7 39.1 117.2





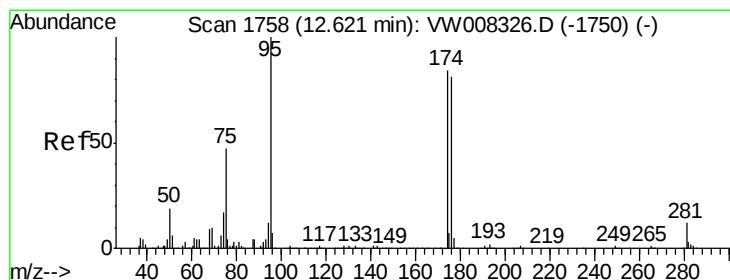
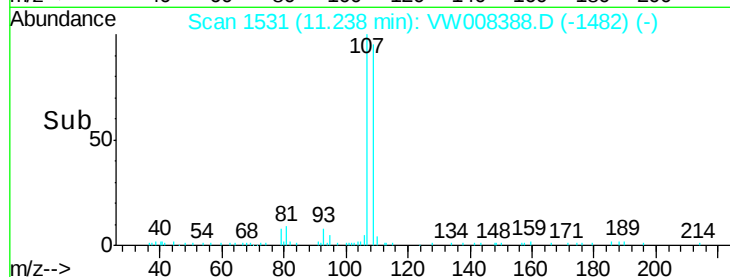
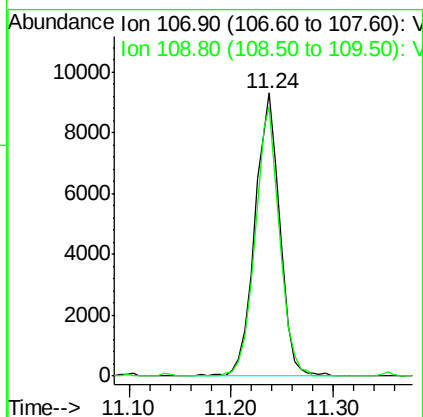
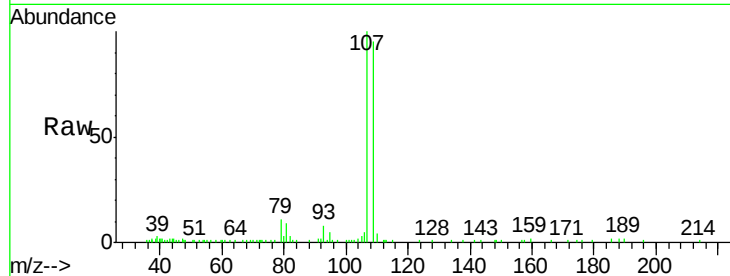
#61
 1,2-Dibromoethane
 Concen: 19.547 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion: 107 Resp: 15864
 Ion Ratio Lower Upper
 107 100
 109 93.6 74.0 111.0

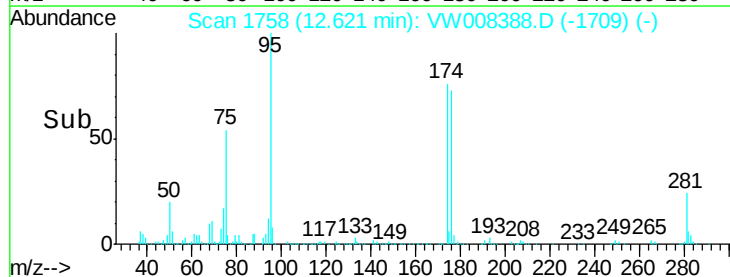
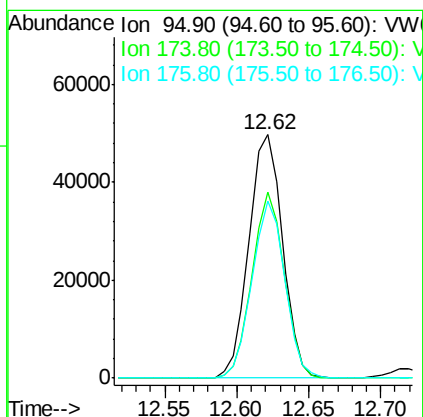
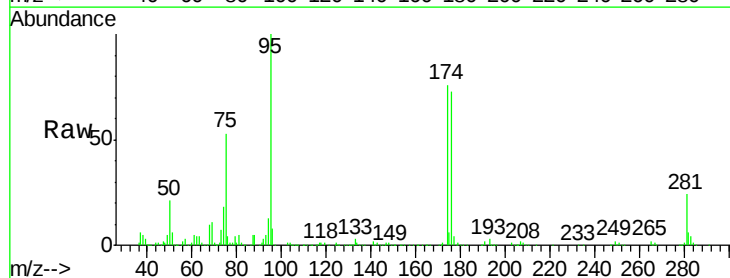
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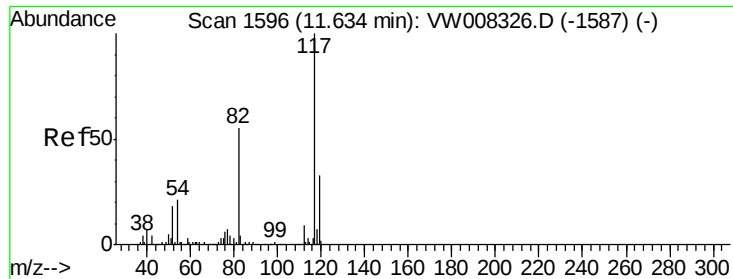
MMDadoda
 1/23/2019 11:42:29 AM



#62
 4-Bromofluorobenzene
 Concen: 54.512 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Tgt Ion: 95 Resp: 80296
 Ion Ratio Lower Upper
 95 100
 174 73.0 0.0 166.0
 176 71.0 0.0 160.0





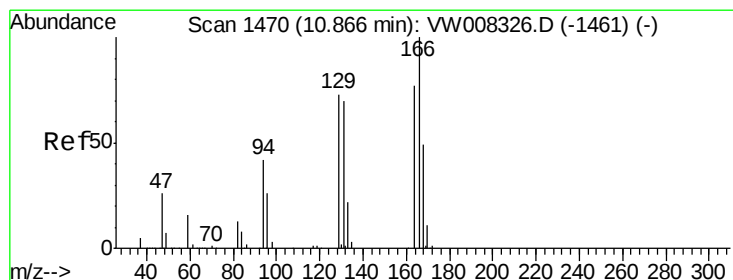
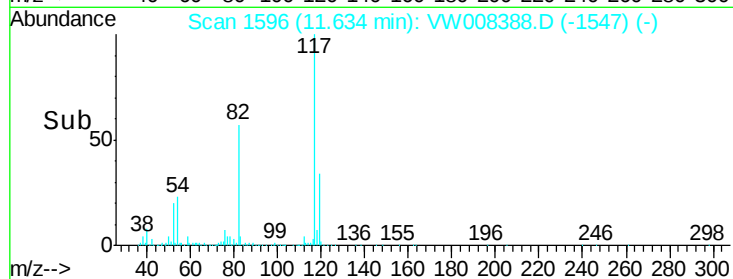
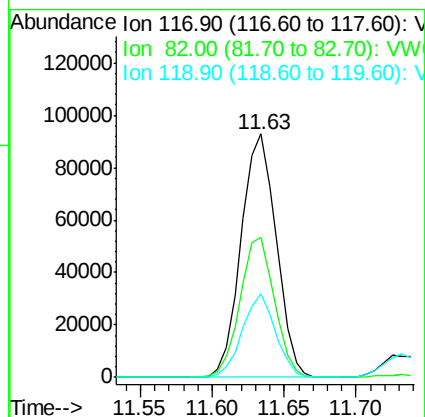
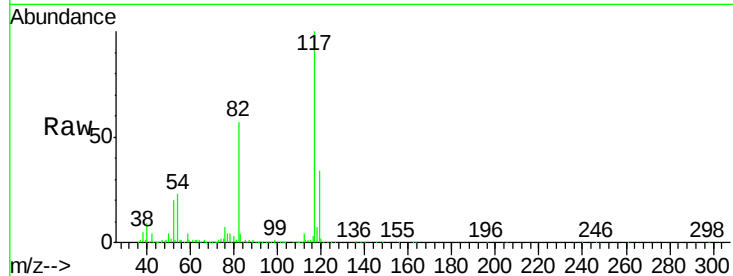
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	57.5	44.3	66.5
119	34.2	26.3	39.5

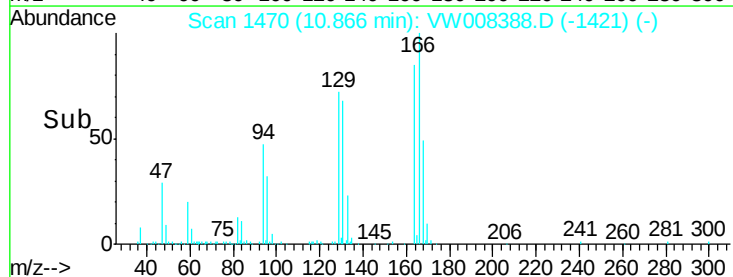
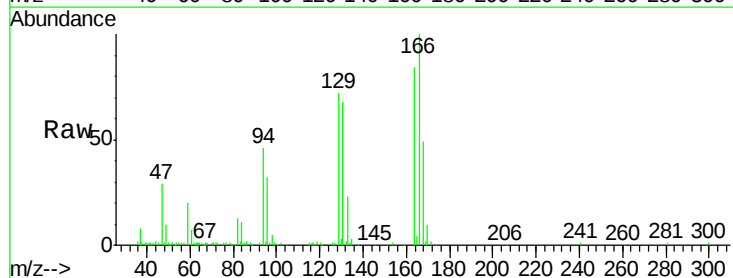
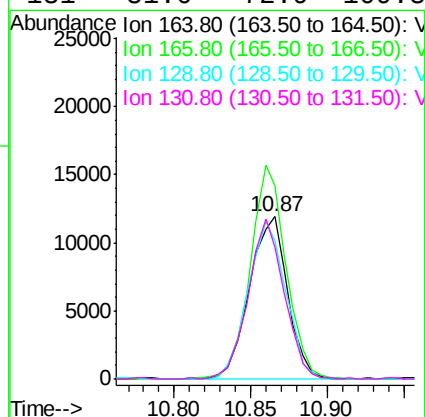
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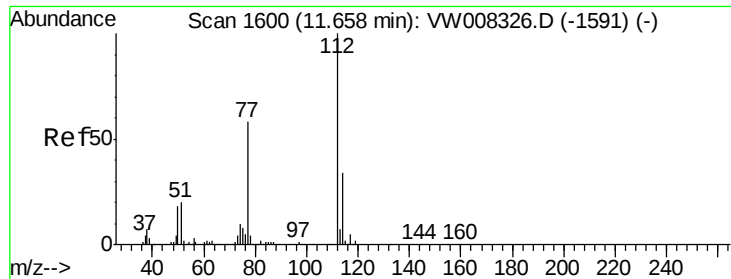
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#64
Tetrachloroethene
Concen: 18.683 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	118.3	103.4	155.2
129	85.5	75.0	112.6
131	81.0	72.9	109.3





#65

Chlorobenzene

Concen: 20.081 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion:112 Resp: 69016

Ion Ratio Lower Upper

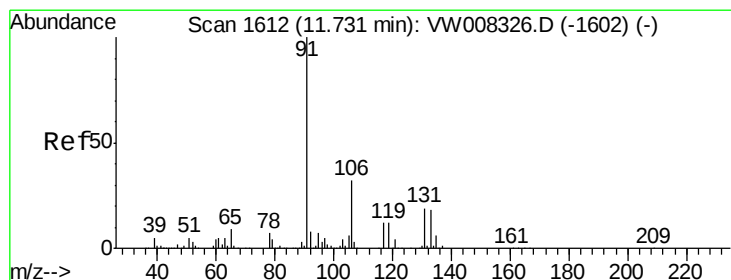
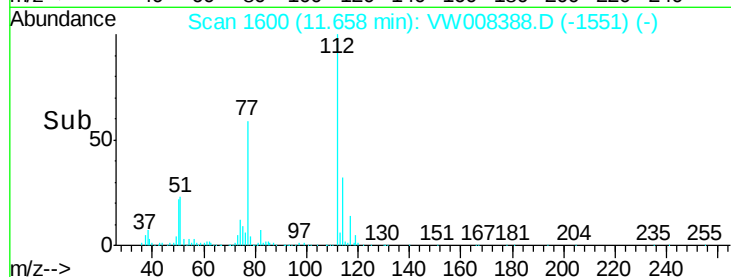
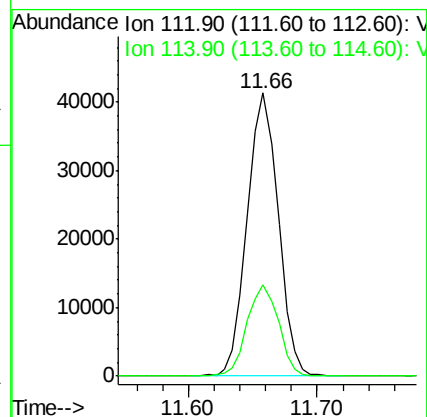
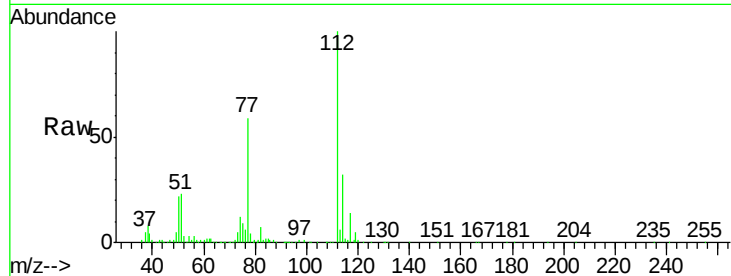
112 100

114 32.4 26.9 40.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 18.907 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

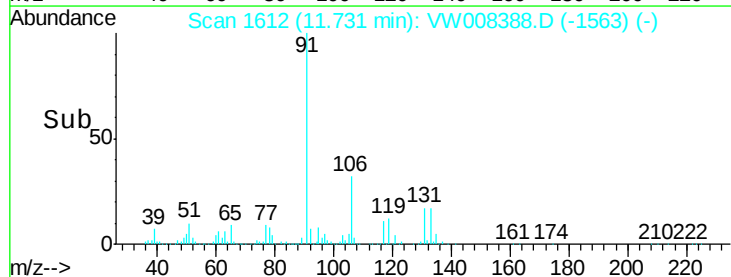
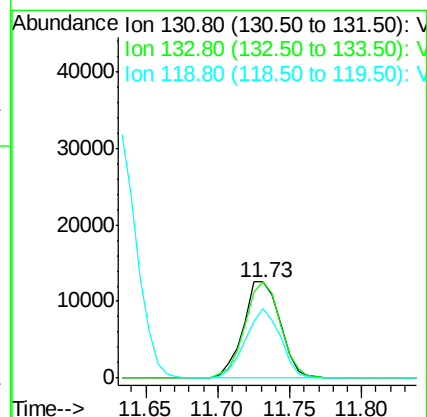
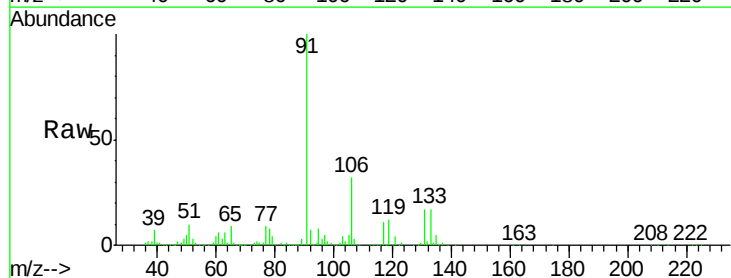
Tgt Ion:131 Resp: 22365

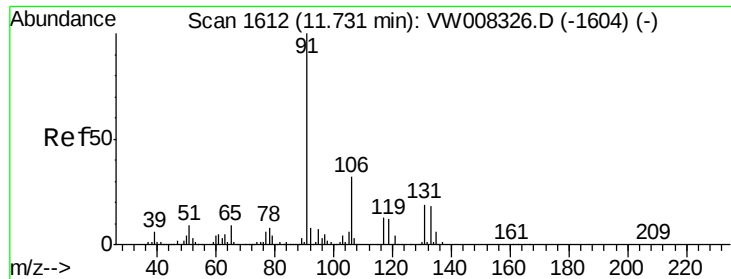
Ion Ratio Lower Upper

131 100

133 97.0 48.2 144.6

119 68.5 31.6 94.7





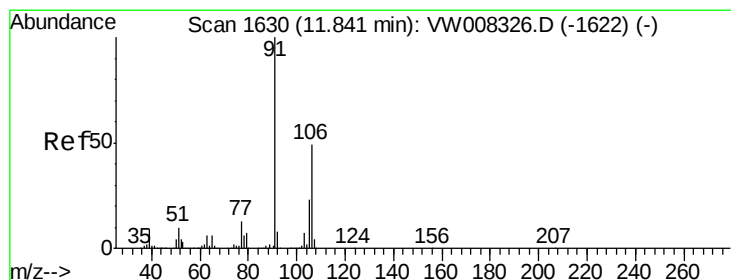
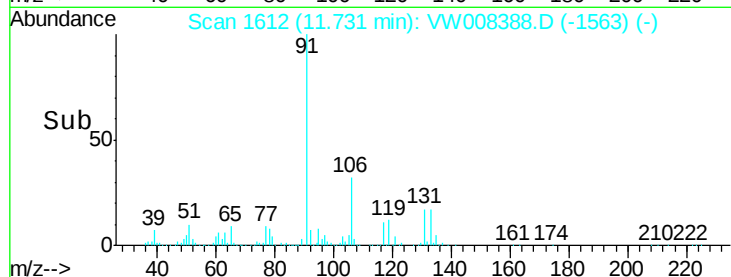
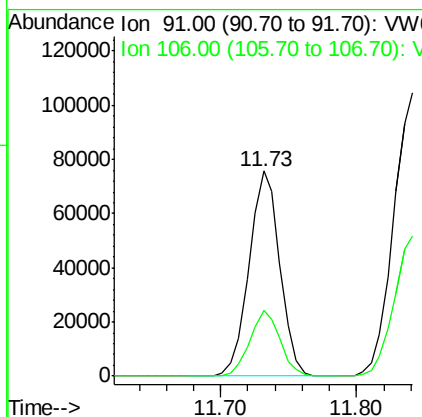
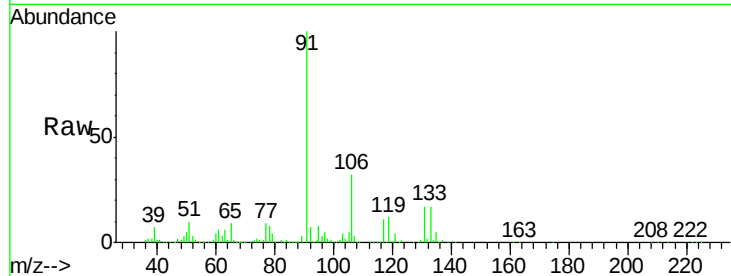
#67
Ethyl Benzene
Concen: 20.074 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion: 91 Resp: 119794
Ion Ratio Lower Upper
91 100
106 32.2 25.4 38.2

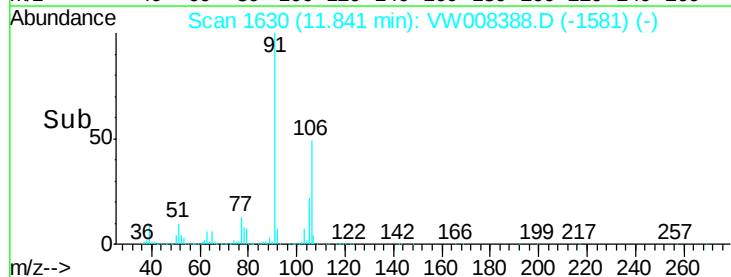
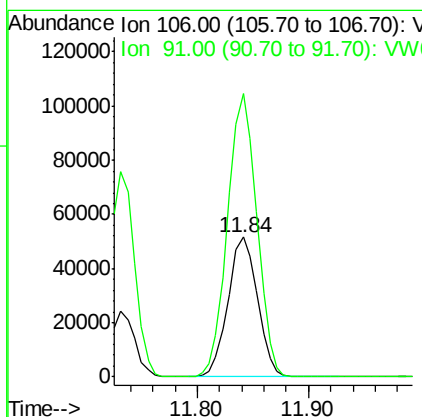
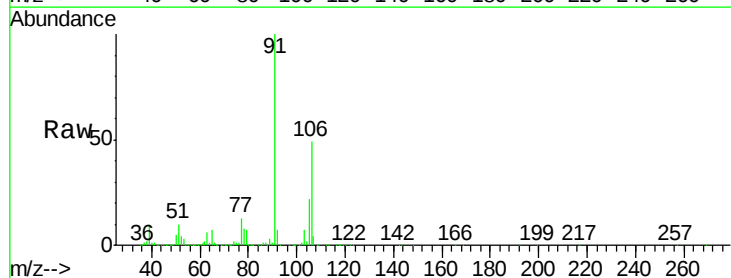
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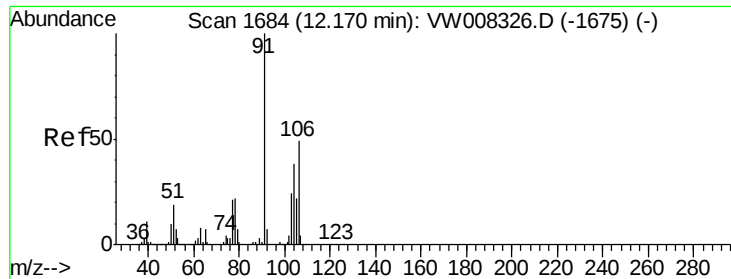
MMDadoda
1/23/2019 11:42:29 AM



#68
m/p-Xylenes
Concen: 40.891 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion: 106 Resp: 94714
Ion Ratio Lower Upper
106 100
91 201.1 158.4 237.6





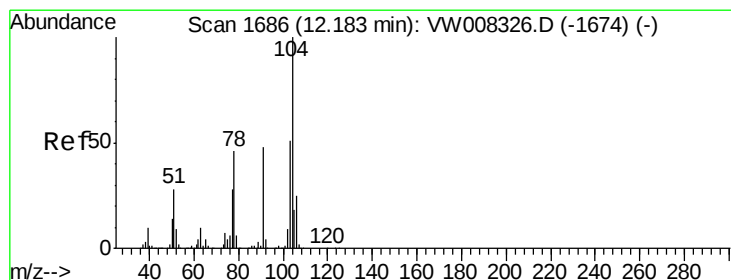
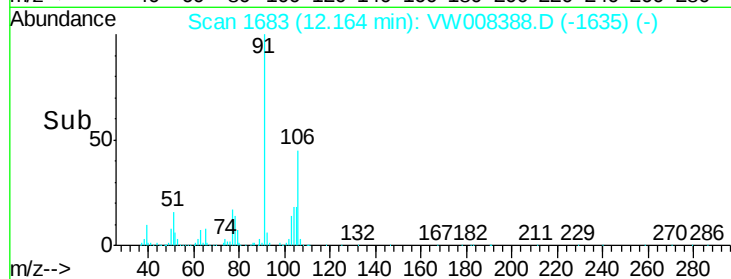
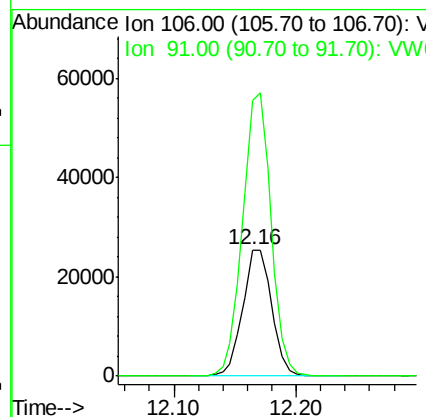
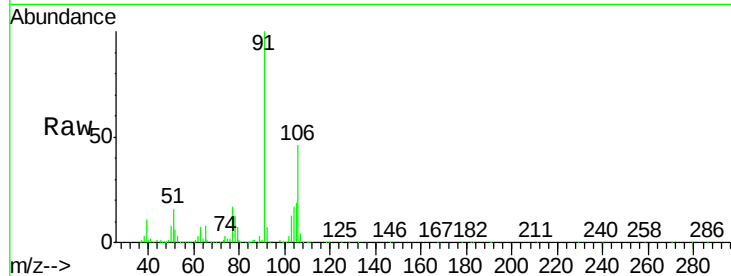
#69
o-Xylene
Concen: 19.401 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion:106 Resp: 41984
Ion Ratio Lower Upper
106 100
91 218.5 104.1 312.3

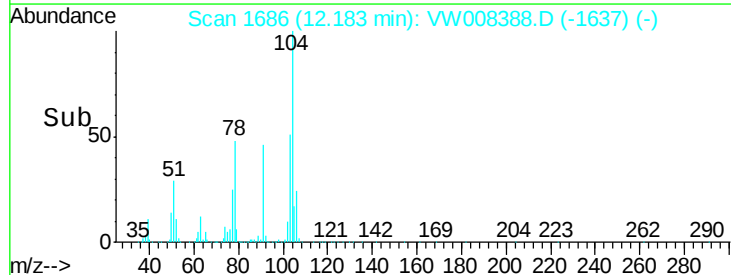
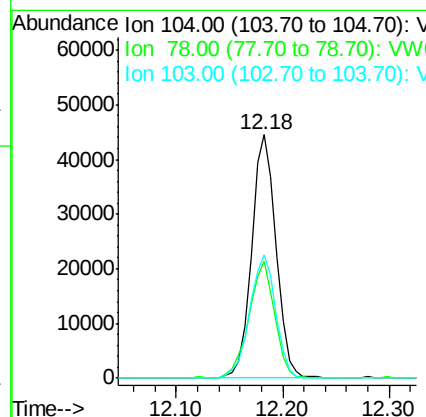
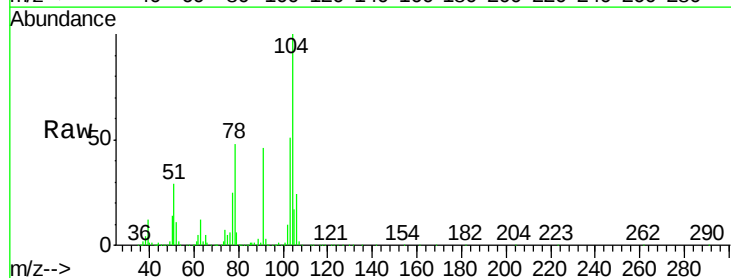
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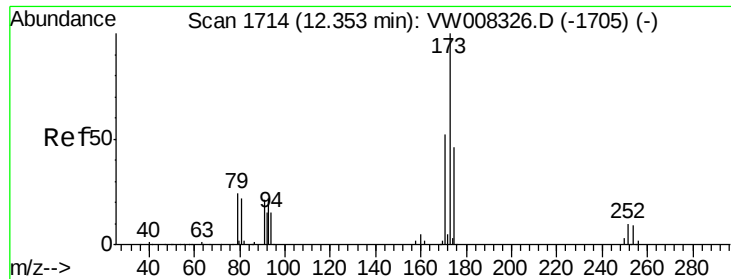
MMDadoda
1/23/2019 11:42:29 AM



#70
Styrene
Concen: 20.585 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion:104 Resp: 71553
Ion Ratio Lower Upper
104 100
78 50.0 39.8 59.6
103 54.2 44.0 66.0





#71

Bromoform

Concen: 18.004 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

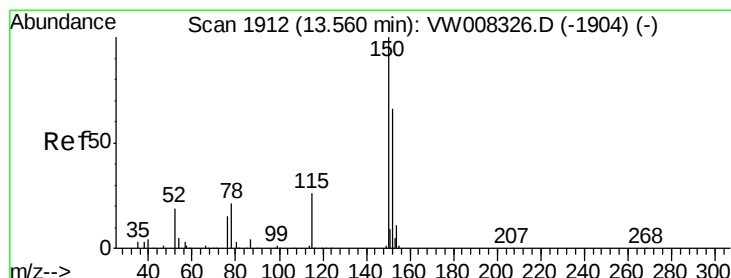
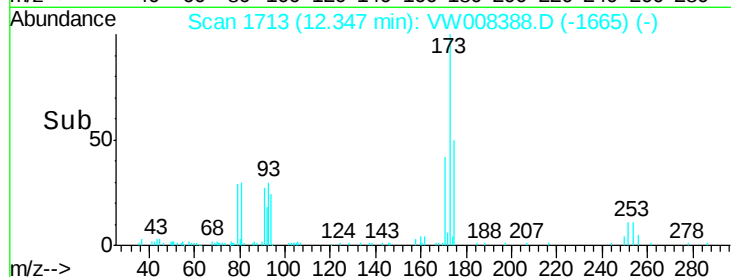
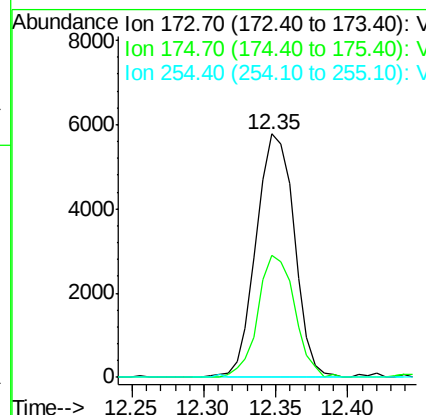
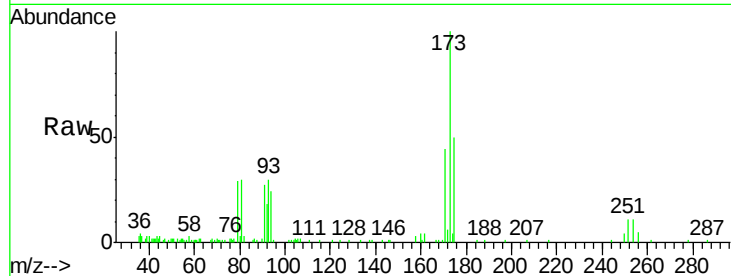
ClientSampleId :

VW0122SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	23.6	70.8
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

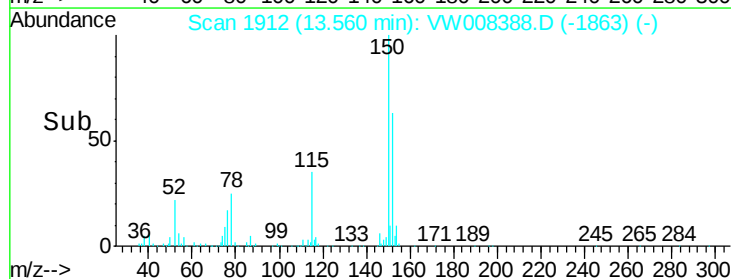
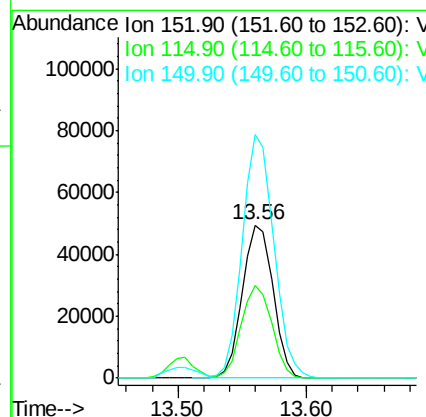
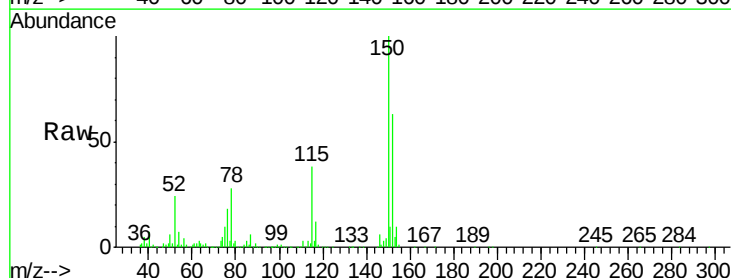
RT: 13.56 min Scan# 1912

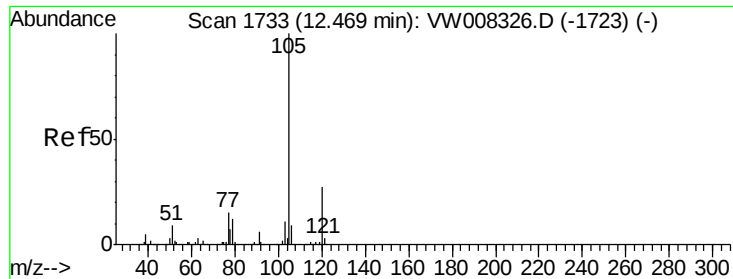
Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.4	28.8	86.4
150	163.6	0.0	351.4





#73

Isopropylbenzene

Concen: 20.406 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion:105 Resp: 121347

Ion Ratio Lower Upper

105 100

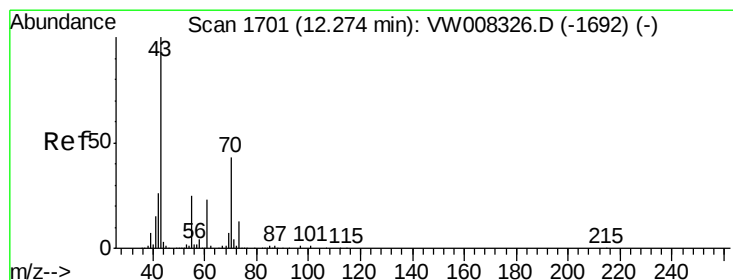
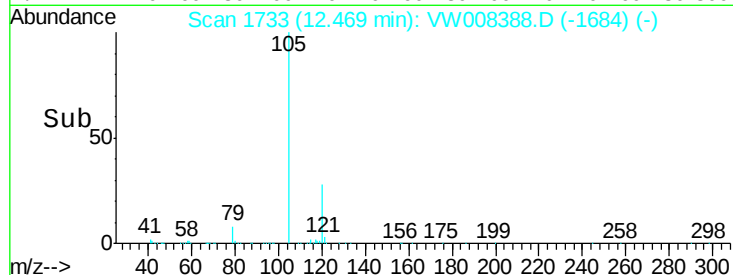
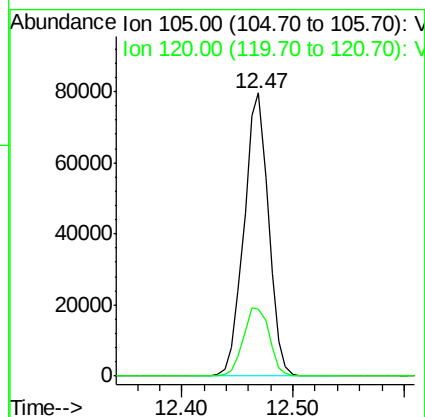
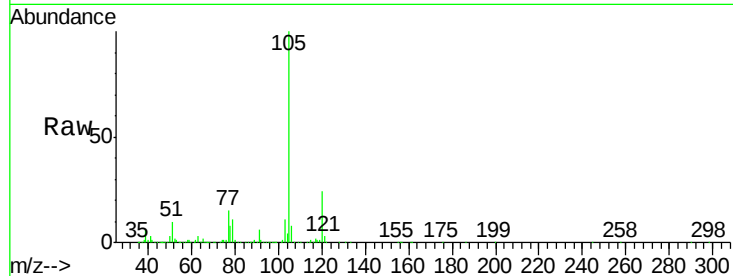
120 25.8 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.174 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion: 43 Resp: 23160

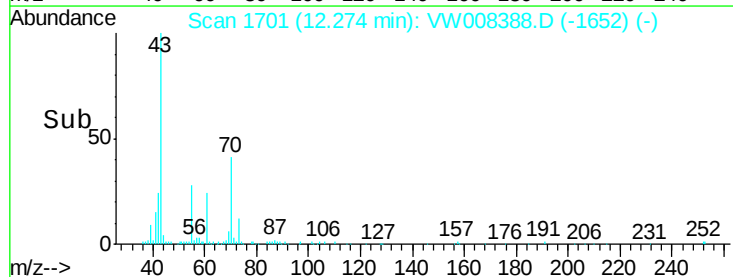
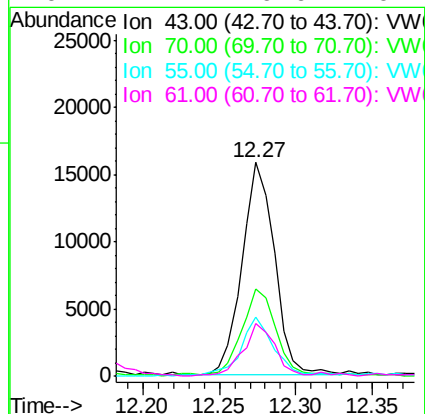
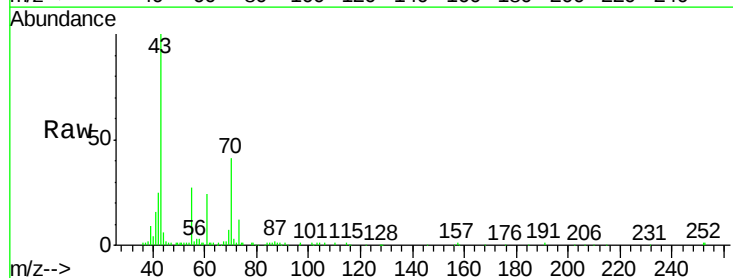
Ion Ratio Lower Upper

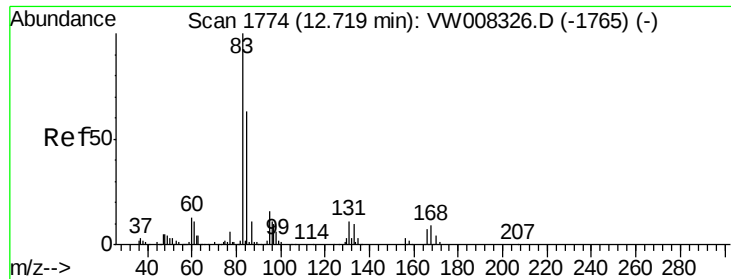
43 100

70 42.6 34.6 52.0

55 29.8 20.0 30.0

61 24.2 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.326 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

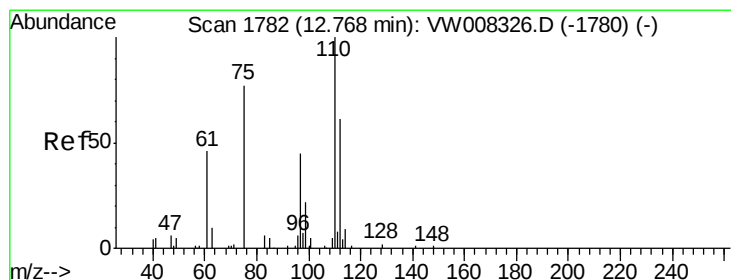
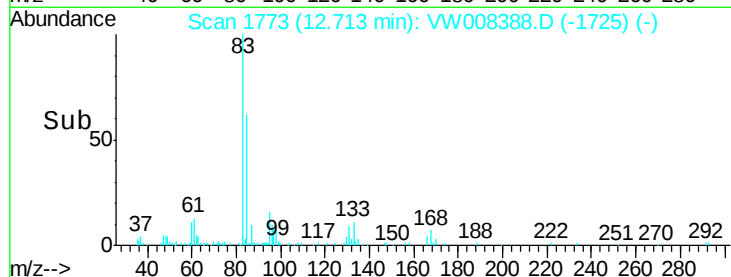
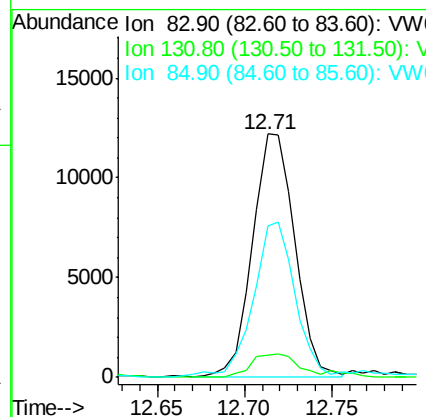
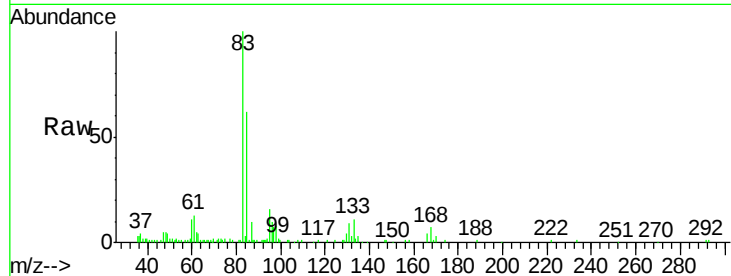
ClientSampleId :

VW0122SBS01

Tot Ion:	83	Resp:	20559
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.5	16.5
85	63.7	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.111 ug/l m

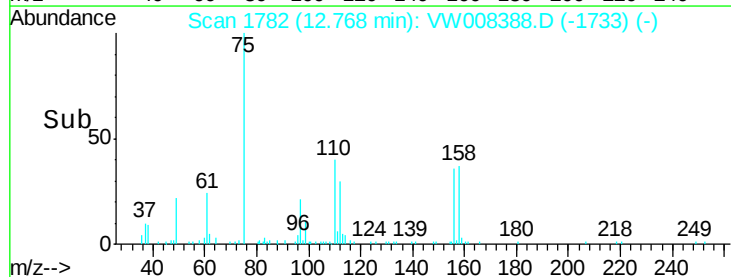
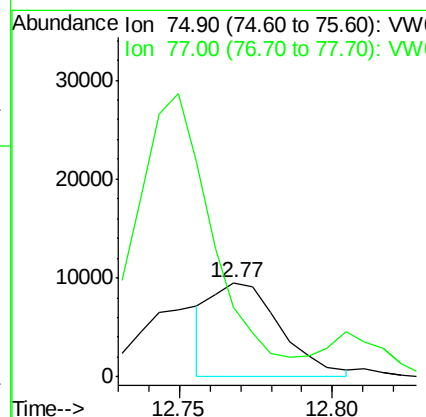
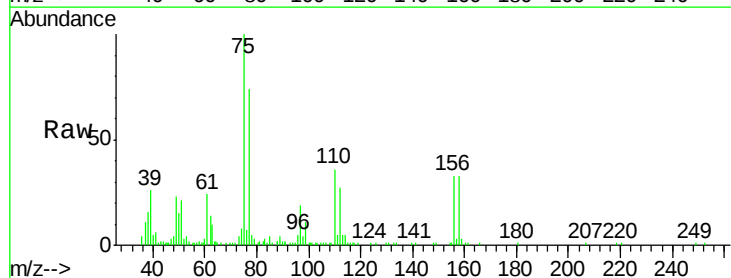
RT: 12.77 min Scan# 1782

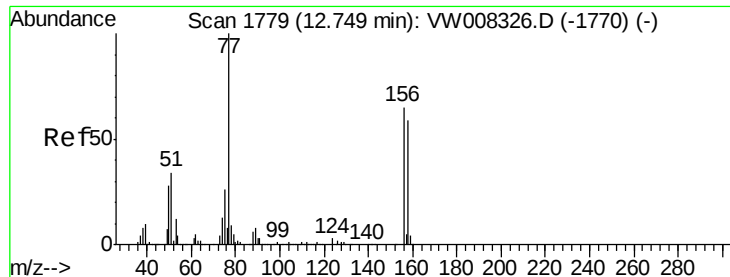
Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion:	75	Resp:	14947
Ion Ratio	Lower	Upper	
75	100		
77	341.0	175.3	526.1





#77

Bromobenzene

Concen: 18.283 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

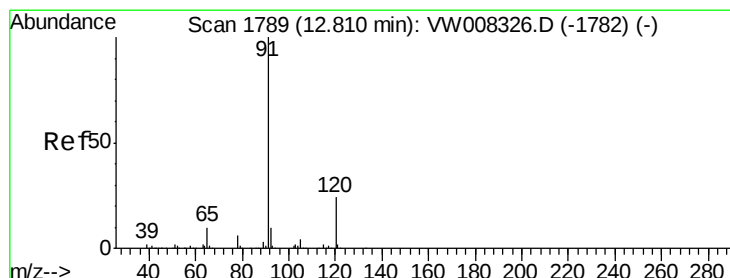
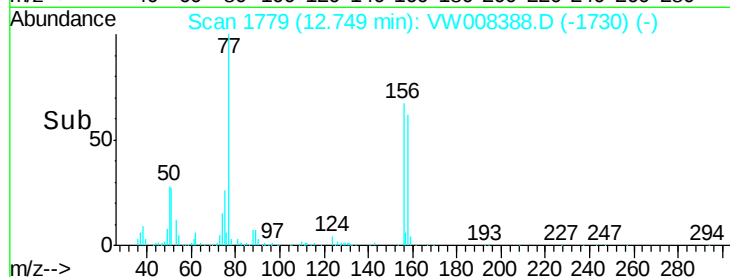
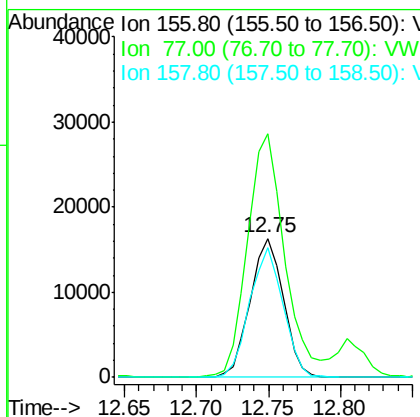
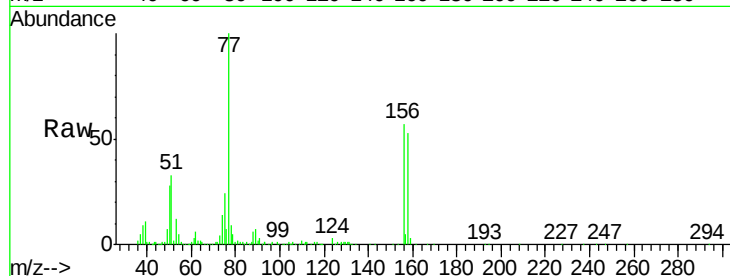
ClientSampleId :

VW0122SBS01

Tot Ion:	156	Resp:	26114
Ion Ratio	Lower	Upper	
156	100		
77	195.2	88.3	264.9
158	93.1	47.6	142.8

Manual Integrations
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1/23/2019 11:42:29 AM



#78

n-propylbenzene

Concen: 20.958 ug/l

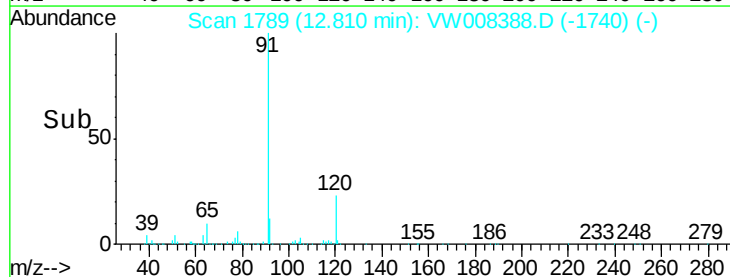
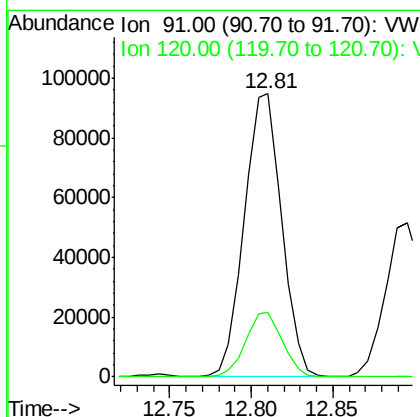
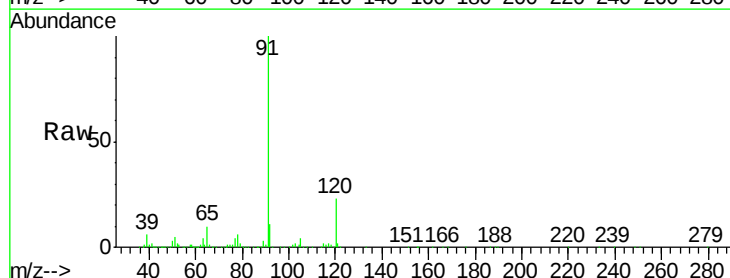
RT: 12.81 min Scan# 1789

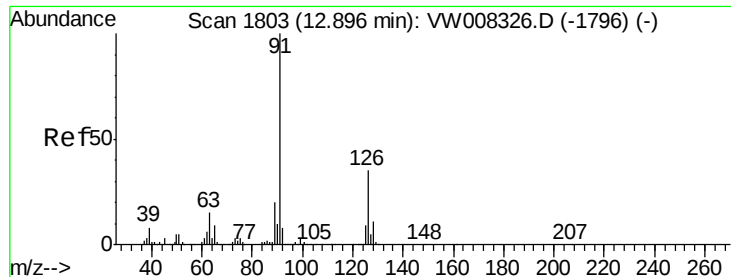
Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion:	91	Resp:	150848
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.9	35.7





#79

2-Chlorotoluene

Concen: 20.625 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 91 Resp: 84817

Ion Ratio Lower Upper

91 100

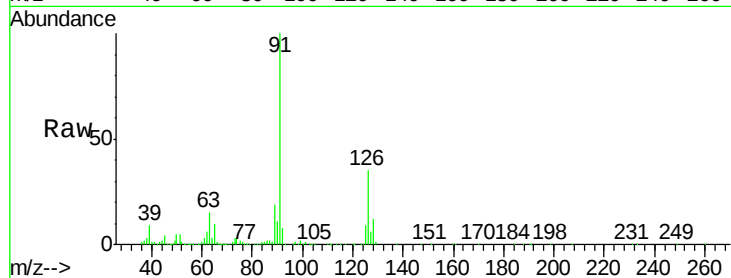
126 34.0 17.5 52.6

Manual Integrations

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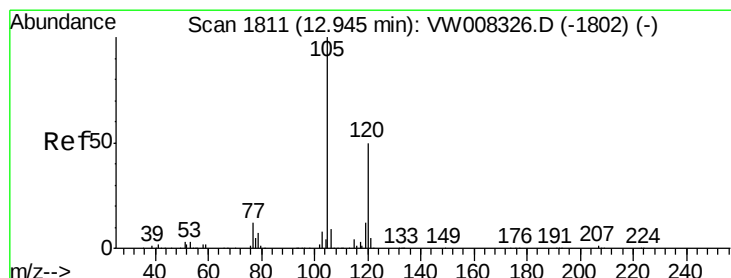
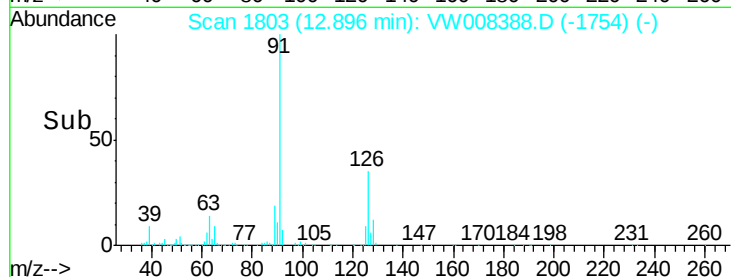
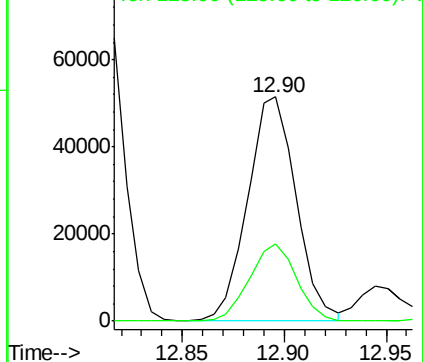
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.098 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008388.D

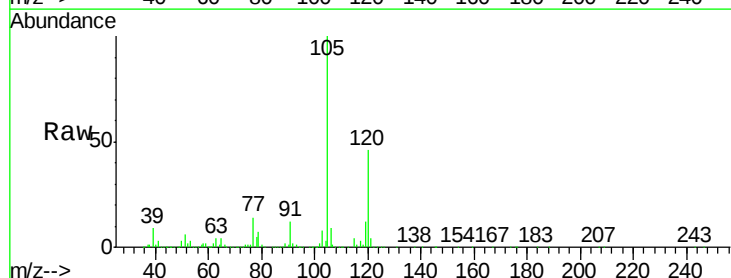
Acq: 22 Jan 2019 15:04

Tgt Ion: 105 Resp: 104692

Ion Ratio Lower Upper

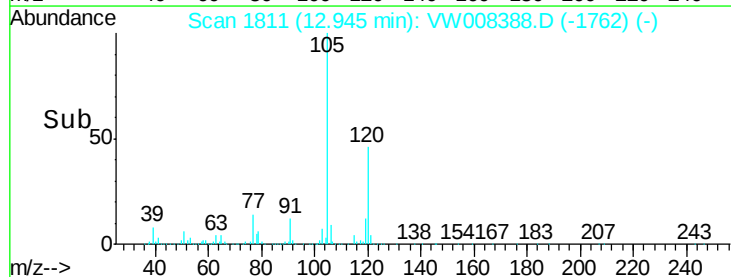
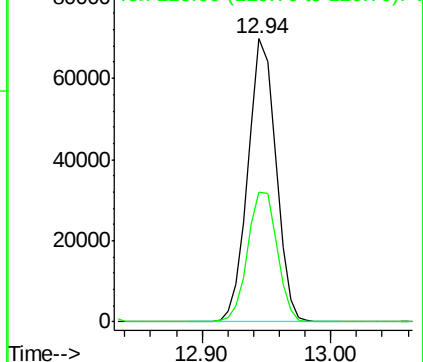
105 100

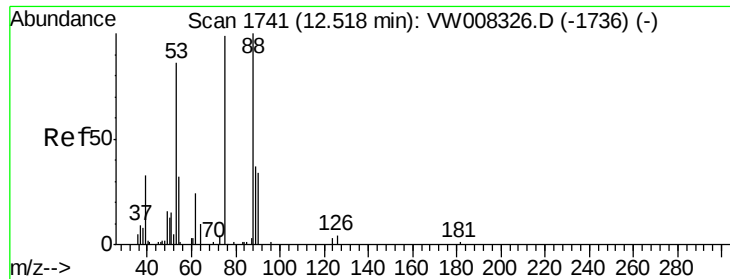
120 47.8 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.243 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 75 Resp: 5370

Ion Ratio Lower Upper

75 100

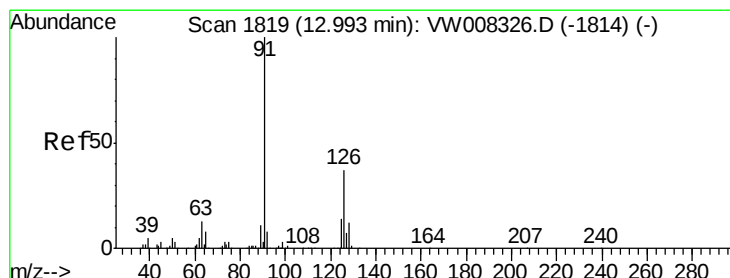
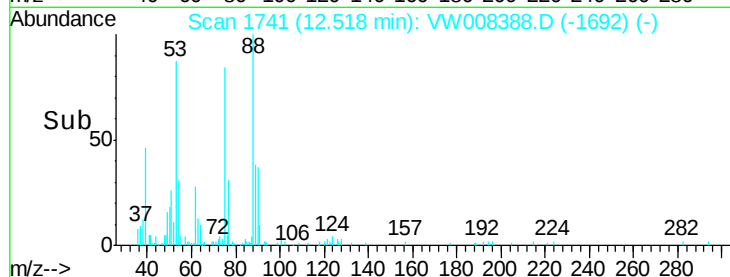
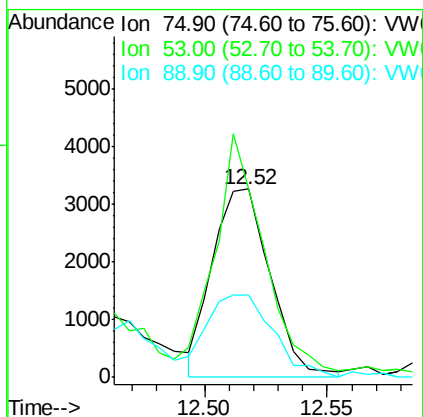
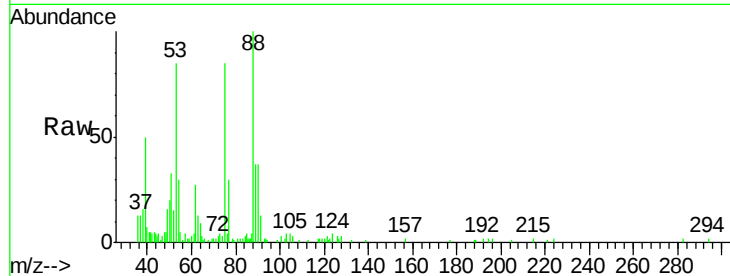
53 104.6 76.2 114.4

89 51.7 36.7 55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.908 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. 0.00 min

Lab File: VW008388.D

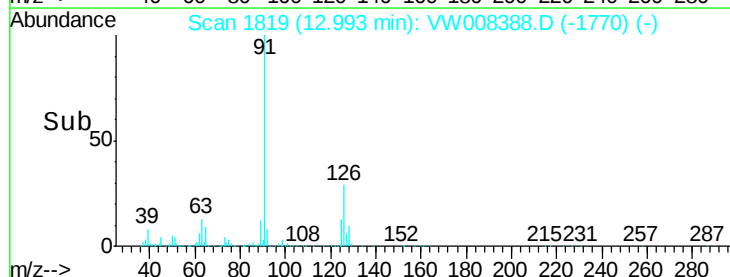
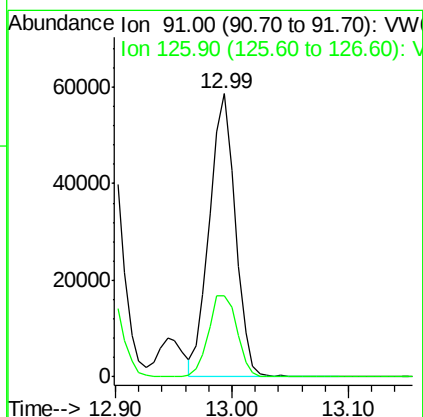
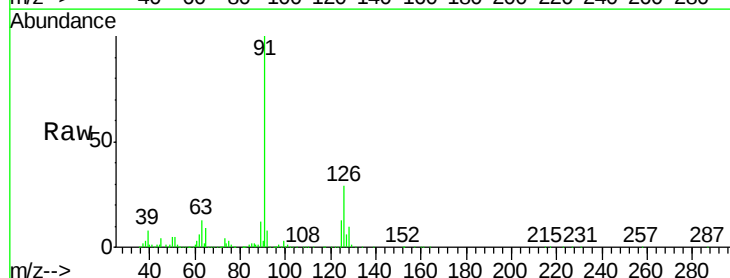
Acq: 22 Jan 2019 15:04

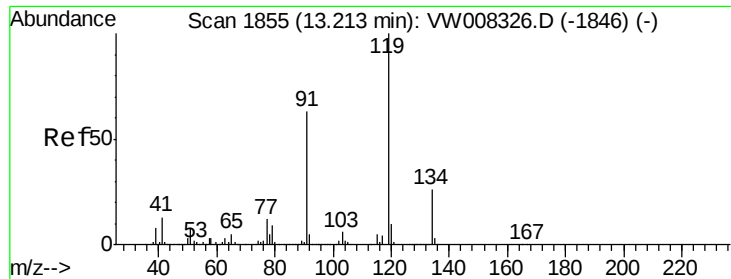
Tgt Ion: 91 Resp: 89850

Ion Ratio Lower Upper

91 100

126 31.9 17.8 53.3





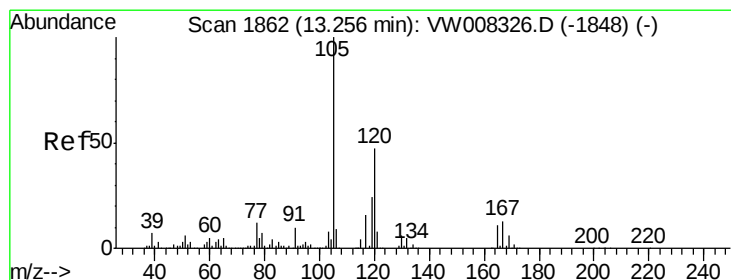
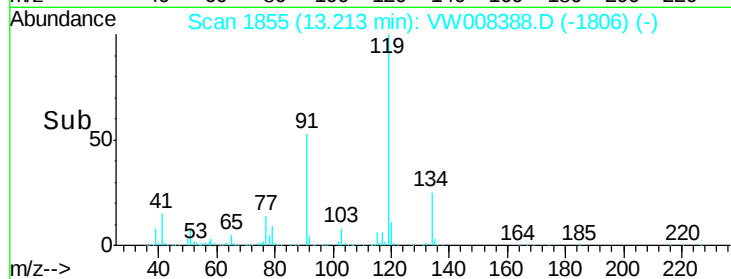
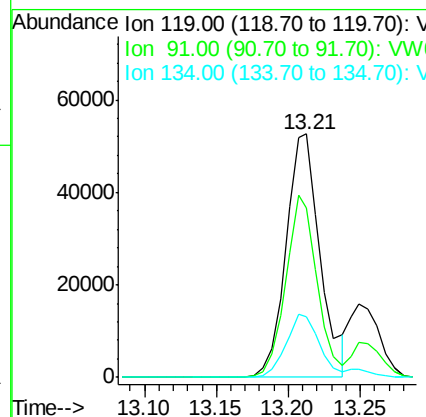
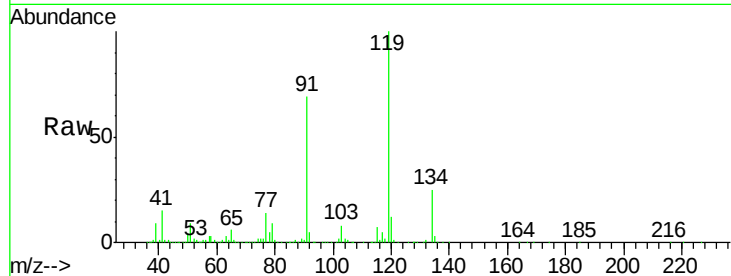
#83
tert-Butylbenzene
Concen: 19.956 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.8	32.4	97.0
134	25.2	13.9	41.7

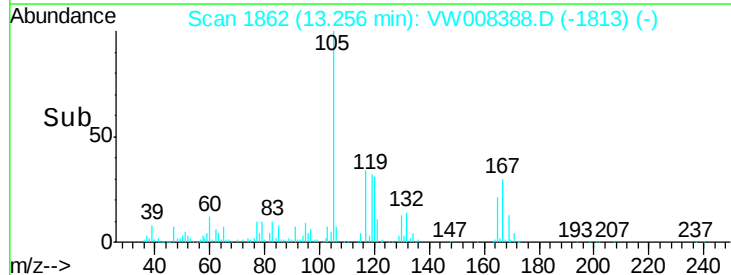
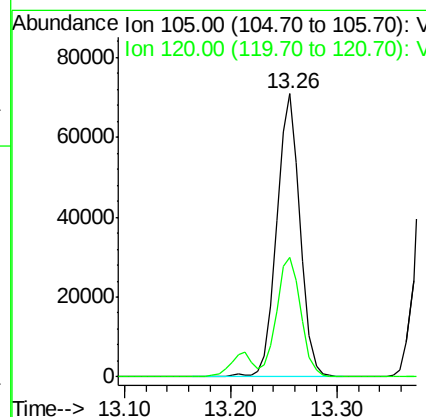
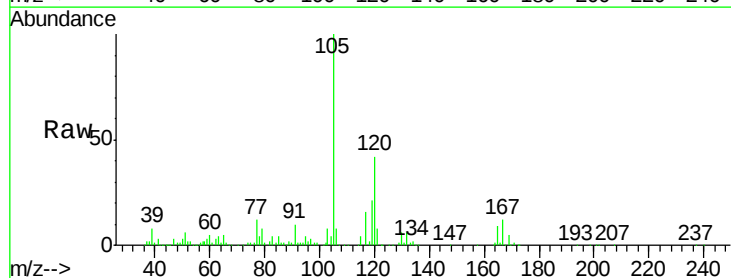
Manual Integrations
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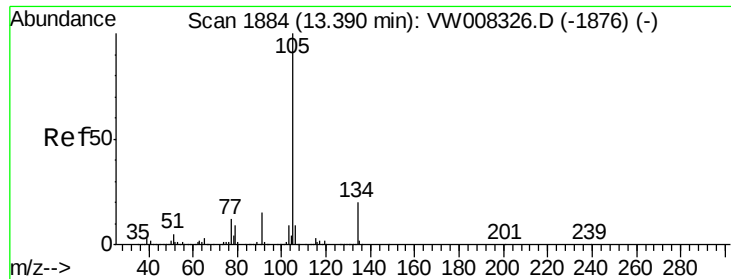
MMDadoda
1/23/2019 11:42:29 AM



#84
1,2,4-Trimethylbenzene
Concen: 21.389 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.0	23.5	70.6





#85

sec-Butylbenzene

Concen: 21.557 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion:105 Resp: 135180

Ion Ratio Lower Upper

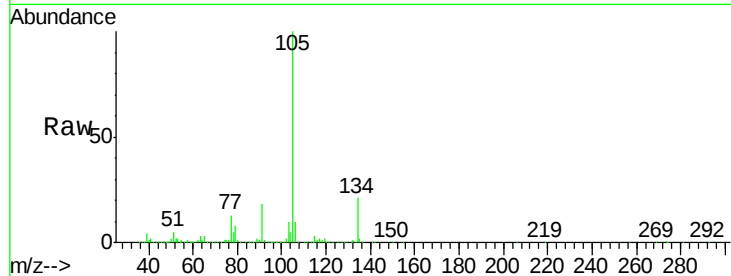
105 100

134 19.9 10.1 30.3

Manual Integrations
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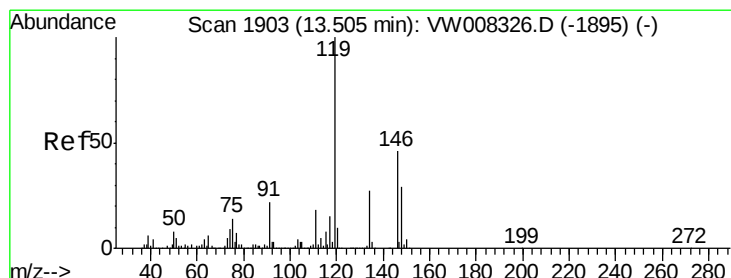
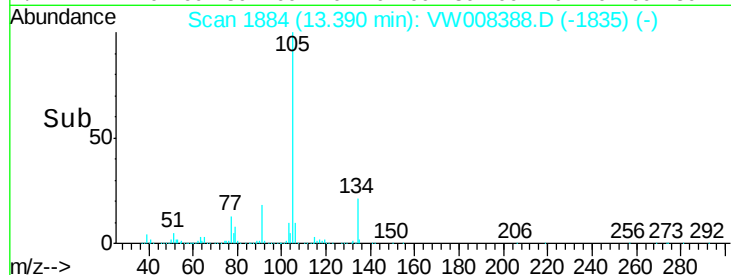
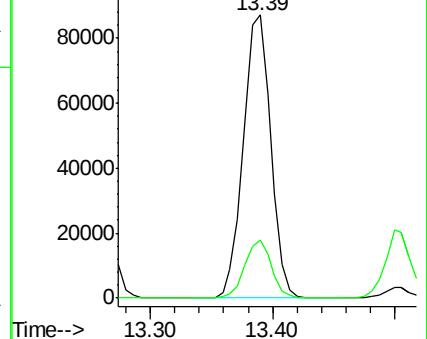
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.790 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

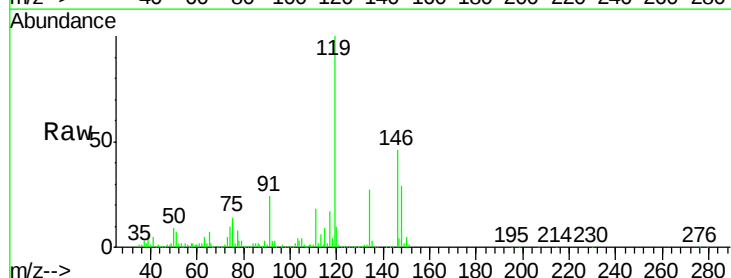
Tgt Ion:119 Resp: 113864

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.0

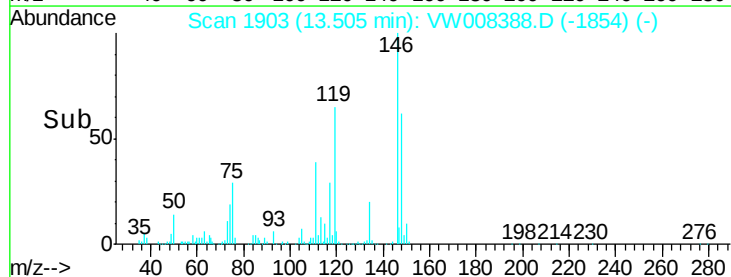
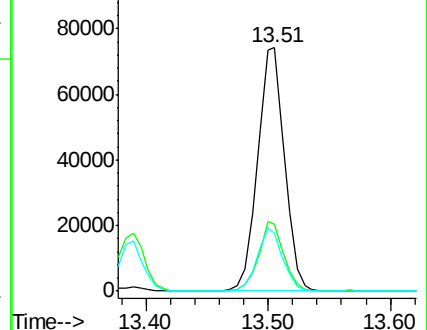
91 24.6 11.4 34.2

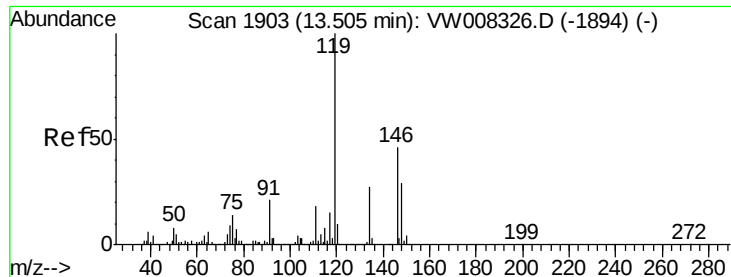


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.667 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

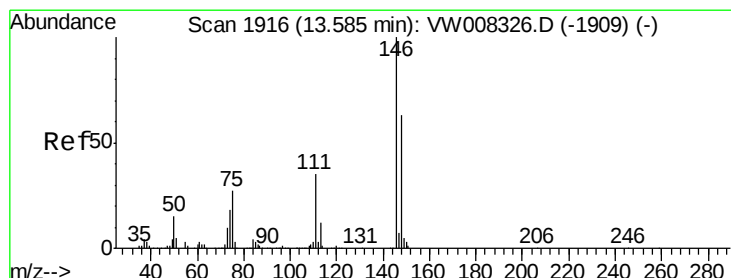
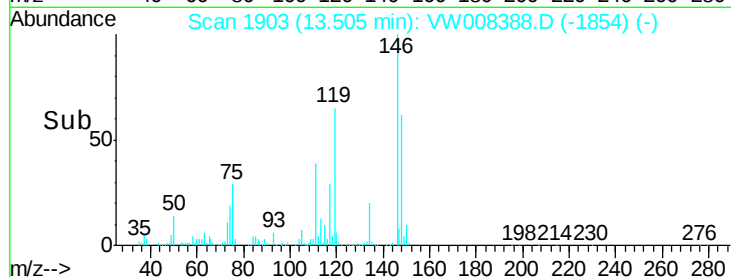
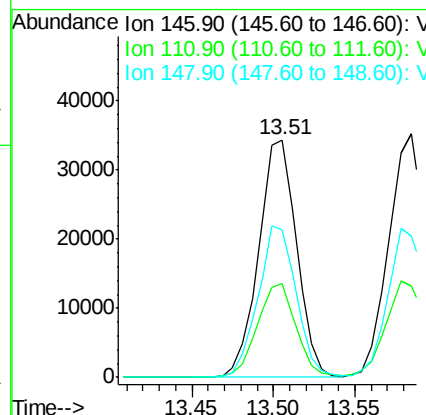
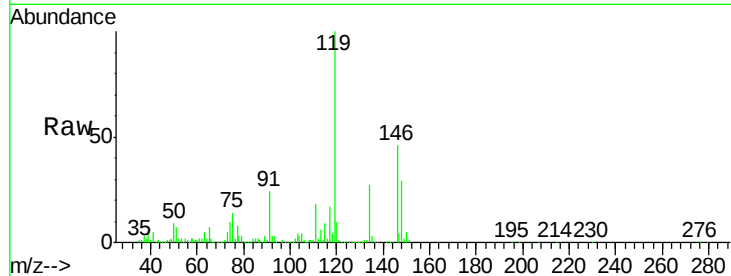
Instrument :
MSVOA_W

ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.9	59.7
148	64.2	31.4	94.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.751 ug/l

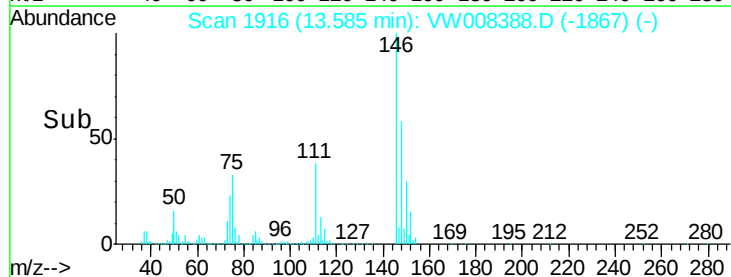
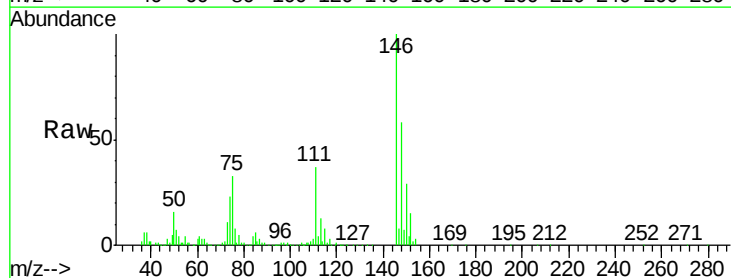
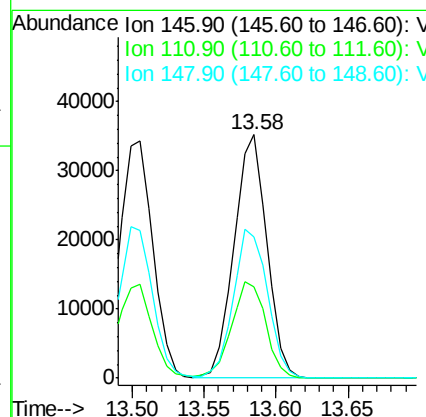
RT: 13.58 min Scan# 1916

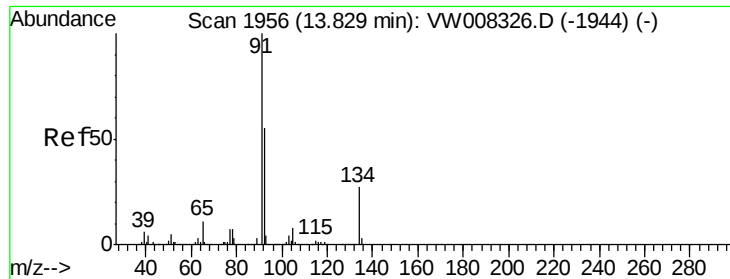
Delta R.T. 0.00 min

Lab File: VW008388.D

Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	18.9	56.5
148	63.6	31.6	94.8





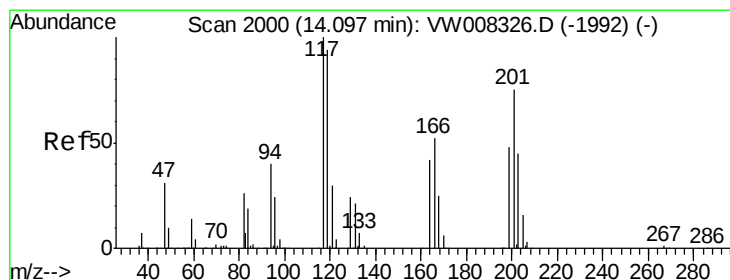
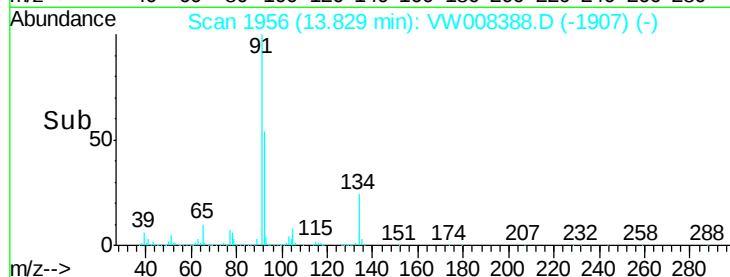
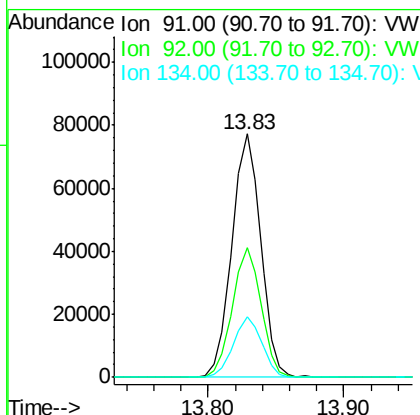
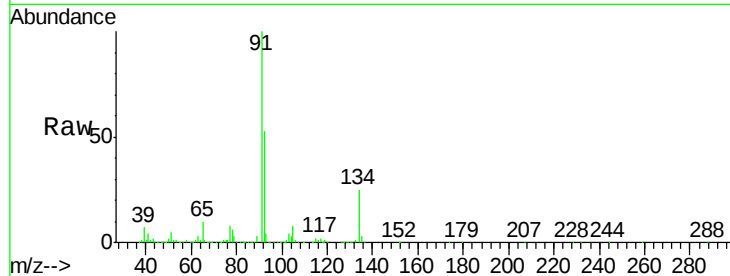
#89
n-Butylbenzene
Concen: 21.764 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.2	81.6
134	24.6	13.4	40.1

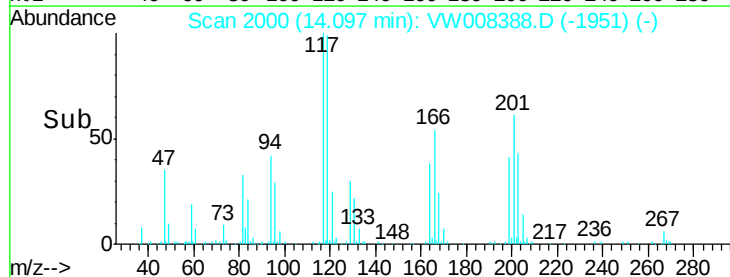
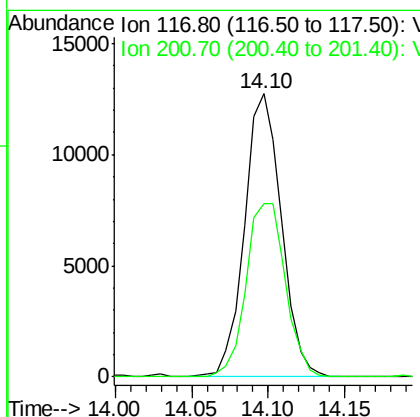
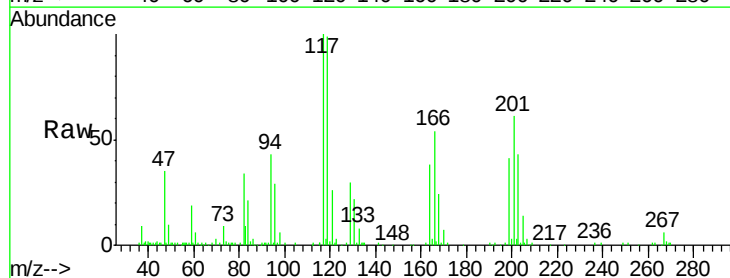
Manual Integrations
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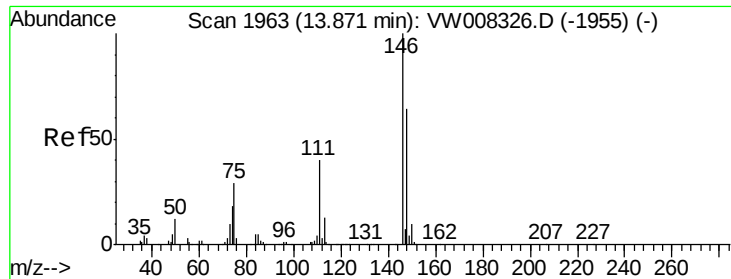
MMDadoda
1/23/2019 11:42:29 AM



#90
Hexachloroethane
Concen: 21.097 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.2	39.3	117.9





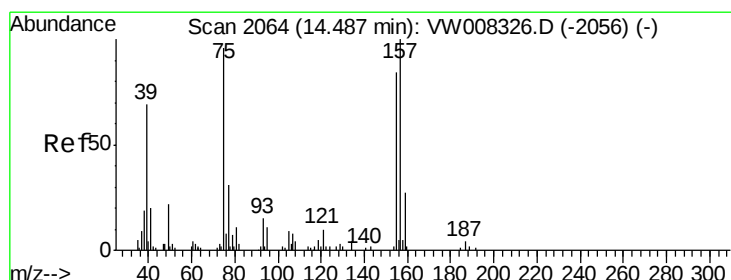
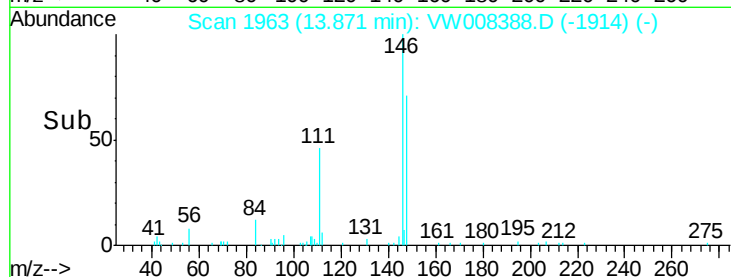
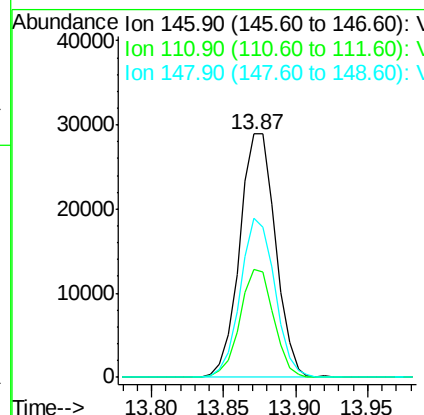
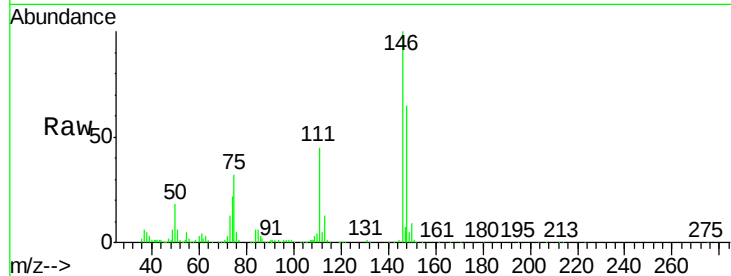
#91
 1,2-Dichlorobenzene
 Concen: 19.915 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	19.6	58.8
148	63.0	31.7	95.1

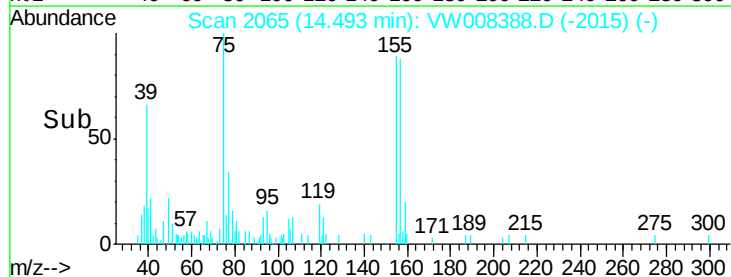
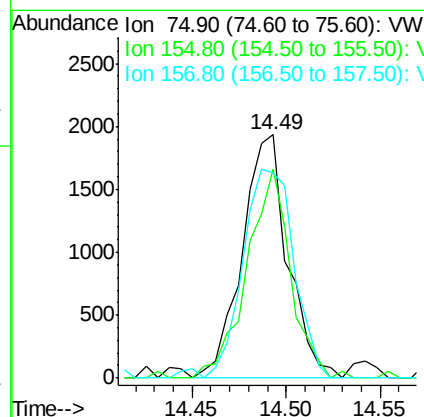
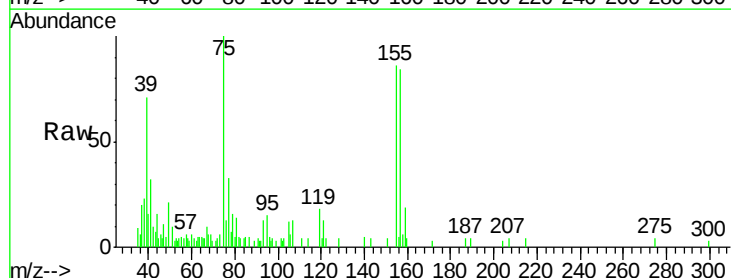
Manual Integrations
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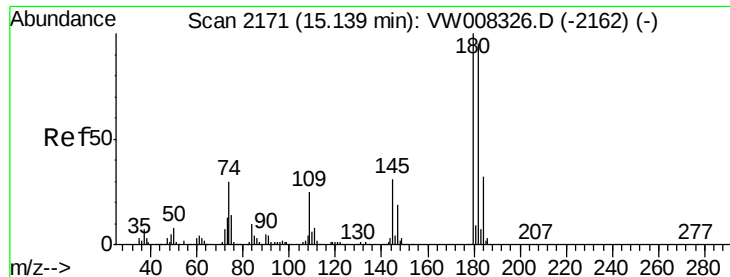
MMDadoda
 1/23/2019 11:42:29 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.681 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.5	44.7	134.1
157	96.9	53.9	161.8





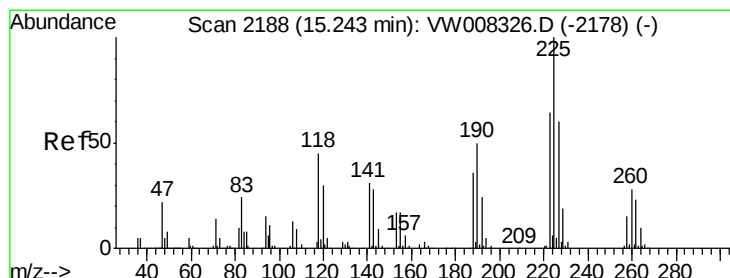
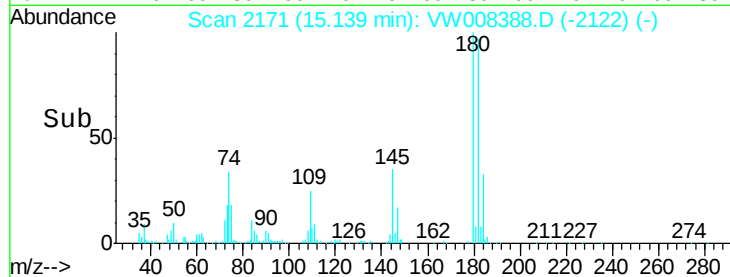
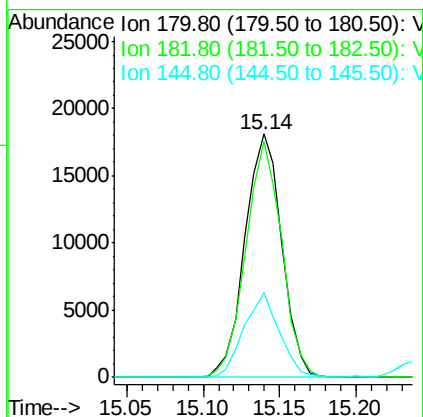
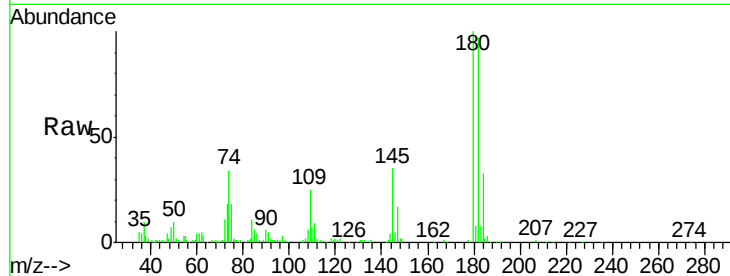
#93
 1,2,4-Trichlorobenzene
 Concen: 17.877 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.6	142.8
145	33.8	14.8	44.4

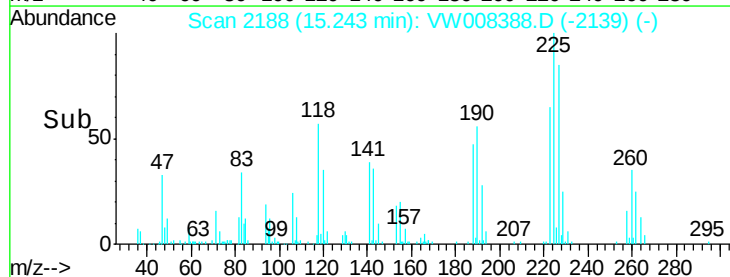
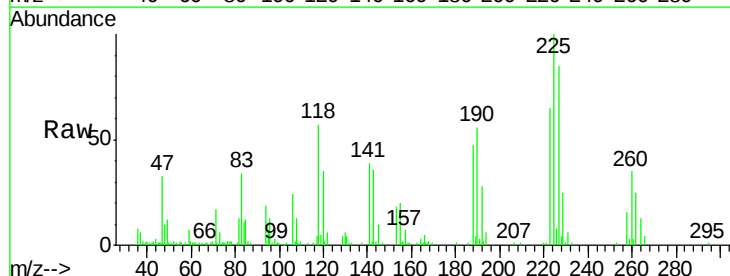
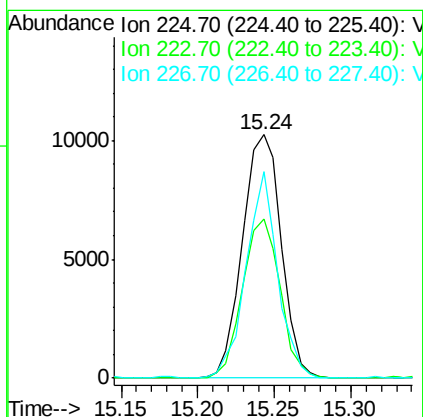
Manual Integrations
 APPROVED

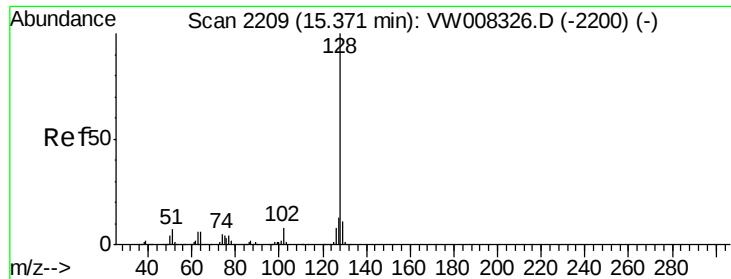
MMDadoda
 1/23/2019 11:42:29 AM



#94
 Hexachlorobutadiene
 Concen: 18.936 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008388.D
 Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.1	93.3
227	69.1	30.3	90.8





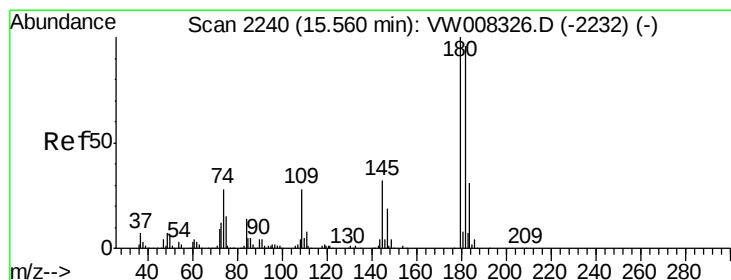
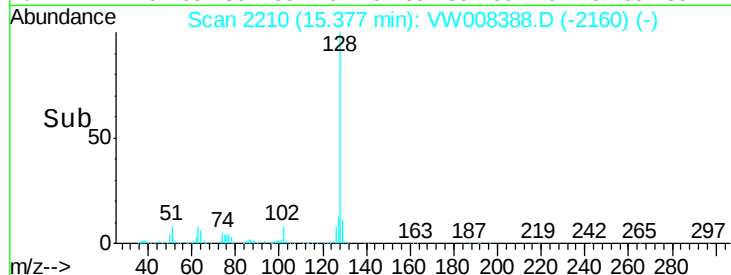
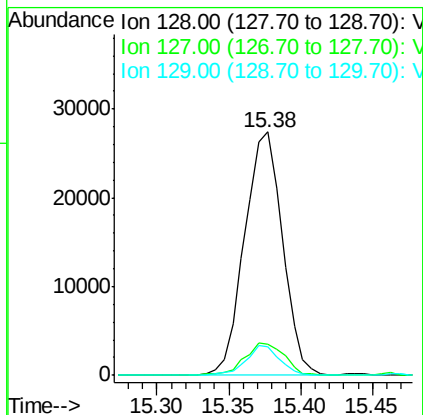
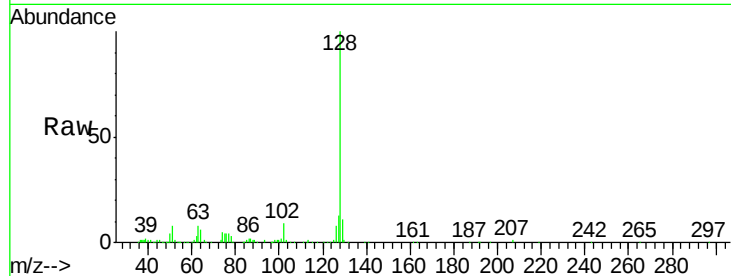
#95
Naphthalene
Concen: 17.549 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	10.8	8.8	13.2

Manual Integrations
APPROVED

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1/23/2019 11:42:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.036 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008388.D
Acq: 22 Jan 2019 15:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.9
145	33.1	16.2	48.6

