

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011819\
 Data File : VW008351.D
 Acq On : 18 Jan 2019 13:01
 Operator : SY/VA
 Sample : VW0118SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 11:09:45 AM

Quant Time: Jan 19 04:47:14 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	92903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	156110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	147846	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	76201	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	52433	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	
35) Dibromofluoromethane	7.88	113	52219	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
50) Toluene-d8	10.32	98	216069	55.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.38%	
62) 4-Bromofluorobenzene	12.62	95	75090	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	12641	21.594	ug/l	95
3) Chloromethane	2.21	50	17826	20.774	ug/l	98
4) Vinyl Chloride	2.37	62	24076	21.959	ug/l	94
5) Bromomethane	2.78	94	17851	21.484	ug/l	100
6) Chloroethane	2.93	64	16272	22.674	ug/l #	88
7) Trichlorofluoromethane	3.26	101	18106	22.491	ug/l	96
8) Diethyl Ether	3.68	74	10308	18.465	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	19816	21.142	ug/l	93
10) Methyl Iodide	4.26	142	26548	17.563	ug/l	98
11) Tert butyl alcohol	5.16	59	6878	105.704	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	18823	19.746	ug/l	94
13) Acrolein	3.89	56	4155	67.516	ug/l	90
14) Allyl chloride	4.67	41	30728	19.282	ug/l	99
15) Acrylonitrile	5.36	53	21241	99.052	ug/l	99
16) Acetone	4.12	43	20616	91.858	ug/l	99
17) Carbon Disulfide	4.37	76	53531	18.455	ug/l	99
18) Methyl Acetate	4.67	43	11253	18.770	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	27679	18.968	ug/l	97
20) Methylene Chloride	4.90	84	22645	19.587	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	20803	19.430	ug/l	97
22) Diisopropyl ether	6.31	45	64357	20.685	ug/l	96
23) Vinyl Acetate	6.26	43	162024	97.422	ug/l	99
24) 1,1-Dichloroethane	6.21	63	37962	20.039	ug/l	94
25) 2-Butanone	7.17	43	27229	94.724	ug/l	95
26) 2,2-Dichloropropane	7.17	77	24214	20.029	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	22717	19.584	ug/l	97
28) Bromochloromethane	7.51	49	14973	19.184	ug/l #	98
29) Tetrahydrofuran	7.52	42	17090	95.366	ug/l	99
30) Chloroform	7.68	83	38090	20.322	ug/l	93
31) Cyclohexane	7.95	56	36345	20.136	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	32479	20.647	ug/l	98
36) 1,1-Dichloropropene	8.08	75	30528	19.437	ug/l	99
37) Ethyl Acetate	7.26	43	11664	18.009	ug/l	96
38) Carbon Tetrachloride	8.06	117	29791	19.209	ug/l	94

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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	38099	20.393	ug/l	94
40) Benzene	8.32	78	86860	19.523	ug/l	98
41) Methacrylonitrile	7.48	41	8351	22.149	ug/l	95
42) 1,2-Dichloroethane	8.40	62	23701	19.051	ug/l	98
43) Isopropyl Acetate	8.43	43	22433	18.336	ug/l	97
44) Trichloroethene	9.09	130	22361	18.345	ug/l	90
45) 1,2-Dichloropropane	9.37	63	21903	19.819	ug/l	96
46) Dibromomethane	9.46	93	10949	19.009	ug/l	91
47) Bromodichloromethane	9.64	83	27821	19.582	ug/l	97
48) Methyl methacrylate	9.44	41	11150	19.360	ug/l	99
49) 1,4-Dioxane	9.45	88	3643	392.896	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	56819	91.720	ug/l	99
52) Toluene	10.39	92	56249	19.978	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	26919	18.984	ug/l	93
54) cis-1,3-Dichloropropene	10.07	75	32604	19.505	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	15883	19.881	ug/l	98
56) Ethyl methacrylate	10.65	69	17502	18.654	ug/l	97
57) 1,3-Dichloropropane	10.93	76	27491	19.819	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	45391	100.299	ug/l	99
59) 2-Hexanone	10.97	43	39966	92.077	ug/l	98
60) Dibromochloromethane	11.13	129	18281	19.174	ug/l	100
61) 1,2-Dibromoethane	11.24	107	14523	18.773	ug/l	97
64) Tetrachloroethene	10.87	164	18196	17.552	ug/l	96
65) Chlorobenzene	11.66	112	60347	18.713	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	20341	18.327	ug/l	97
67) Ethyl Benzene	11.73	91	106802	19.074	ug/l	100
68) m/p-Xylenes	11.84	106	84323	38.798	ug/l	99
69) o-Xylene	12.17	106	38750	19.084	ug/l	100
70) Styrene	12.18	104	63080	19.341	ug/l	99
71) Bromoform	12.35	173	9837	17.791	ug/l #	99
73) Isopropylbenzene	12.47	105	107856	19.426	ug/l	98
74) N-amyl acetate	12.27	43	21785	18.309	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	18246	19.320	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	12692m	18.290	ug/l	
77) Bromobenzene	12.75	156	23974	17.976	ug/l	93
78) n-propylbenzene	12.81	91	133796	19.909	ug/l	99
79) 2-Chlorotoluene	12.90	91	74986	19.529	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	92036	19.865	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	5350	18.399	ug/l	95
82) 4-Chlorotoluene	12.99	91	79778	19.883	ug/l	99
83) tert-Butylbenzene	13.21	119	78531	19.258	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	93803	19.874	ug/l	99
85) sec-Butylbenzene	13.39	105	118981	20.321	ug/l	99
86) p-Isopropyltoluene	13.50	119	103169	20.175	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	50656	19.117	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	49981	18.827	ug/l	96
89) n-Butylbenzene	13.83	91	100349	20.458	ug/l	99
90) Hexachloroethane	14.10	117	18448	19.494	ug/l	89
91) 1,2-Dichlorobenzene	13.88	146	43383	18.544	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2928	18.961	ug/l	93

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ClientSampleId :
VW0118SBSD01

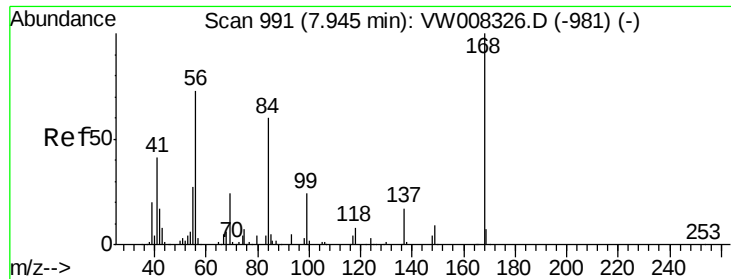
Manual Integrations
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MMDadoda
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	29224	18.453	ug/l	96
94) Hexachlorobutadiene	15.24	225	17151	19.216	ug/l	99
95) Naphthalene	15.38	128	49325	18.407	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	25476	18.468	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion:168 Resp: 92903

Ion Ratio Lower Upper

168 100

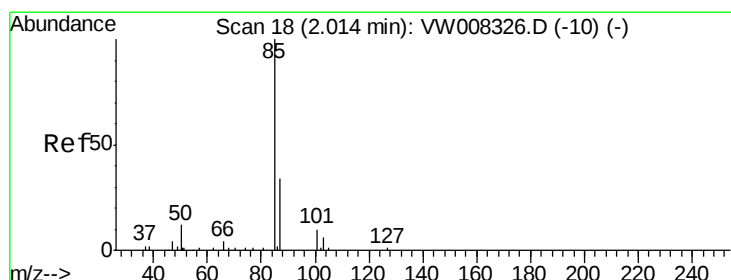
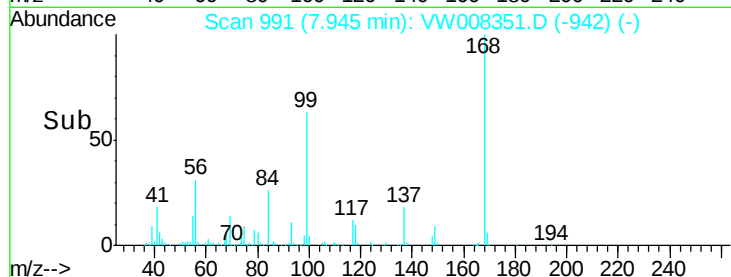
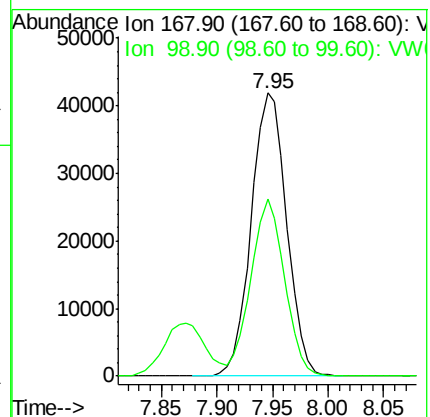
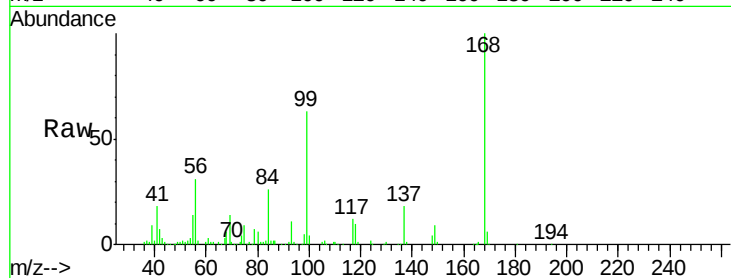
99 62.7 44.6 66.8

Manual Integrations

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1/21/2019 11:09:45 AM



#2

Dichlorodifluoromethane

Concen: 21.594 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW008351.D

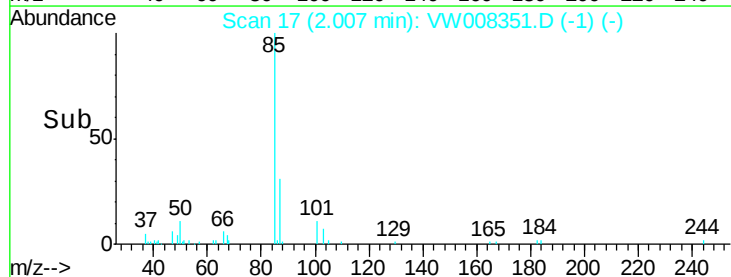
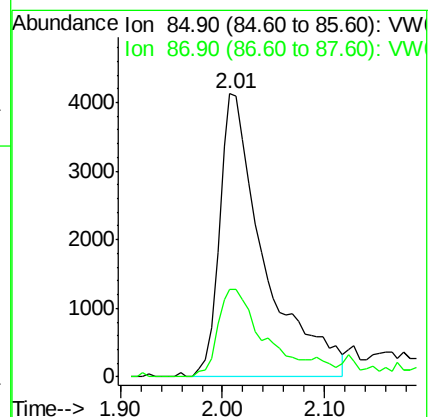
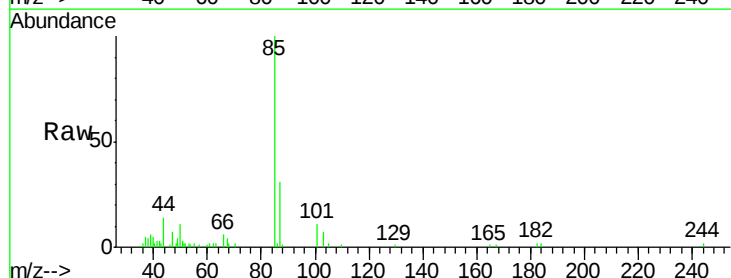
Acq: 18 Jan 2019 13:01

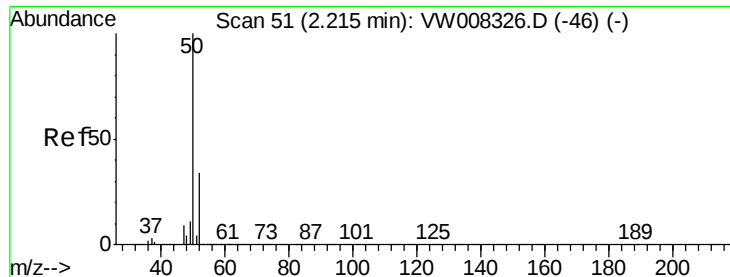
Tgt Ion: 85 Resp: 12641

Ion Ratio Lower Upper

85 100

87 30.7 16.9 50.6





#3

Chloromethane

Concen: 20.774 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion: 50 Resp: 17826

Ion Ratio Lower Upper

50 100

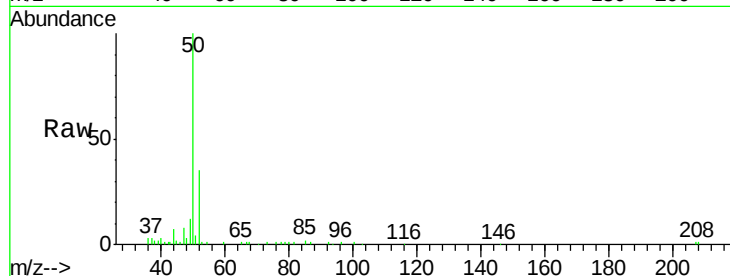
52 34.4 26.7 40.1

Manual Integrations

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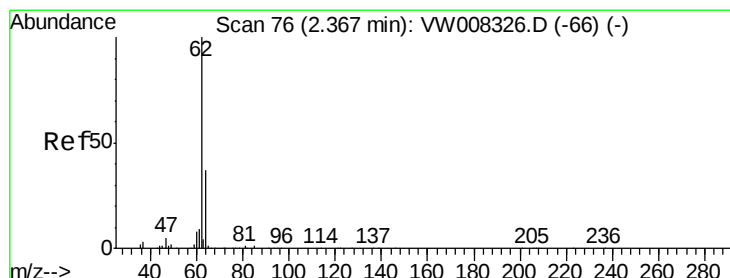
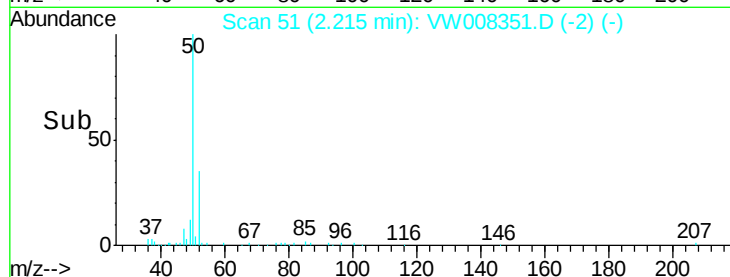
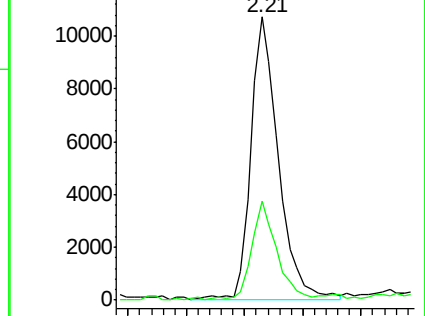
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.959 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW008351.D

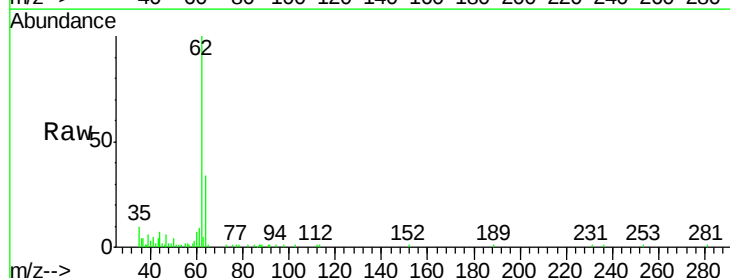
Acq: 18 Jan 2019 13:01

Tgt Ion: 62 Resp: 24076

Ion Ratio Lower Upper

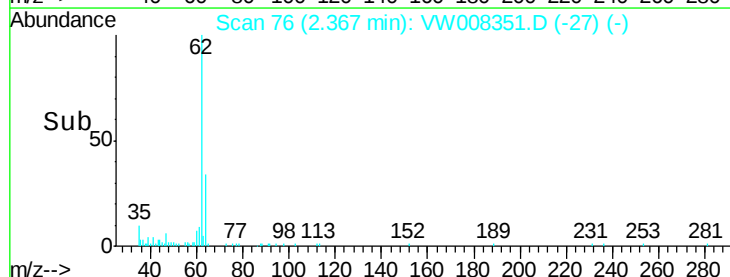
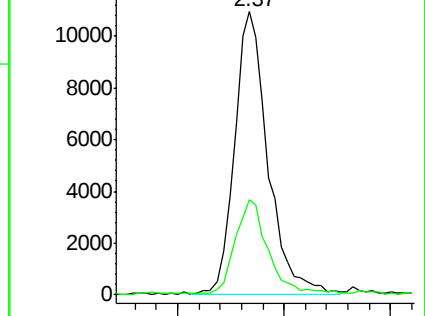
62 100

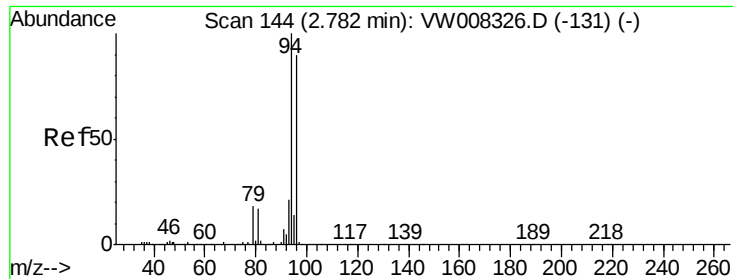
64 33.0 29.4 44.2



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.484 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion: 94 Resp: 17851

Ion Ratio Lower Upper

94 100

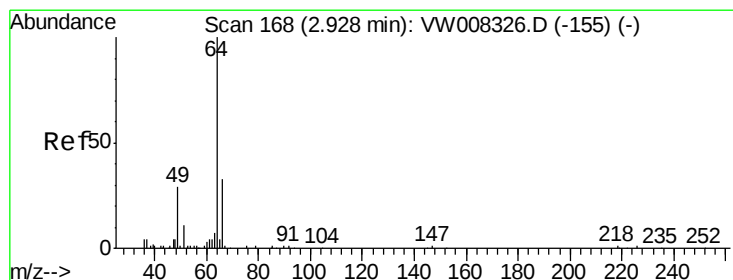
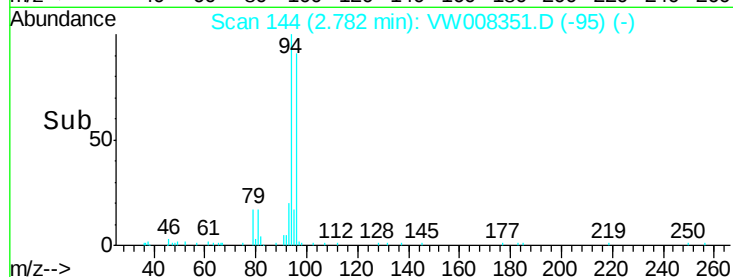
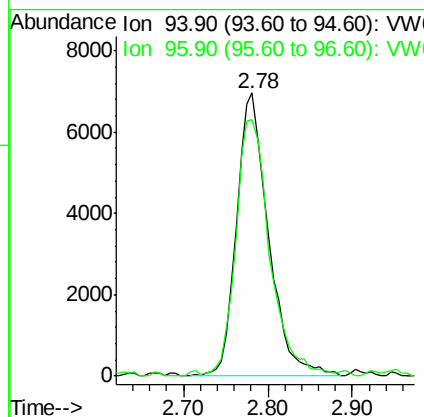
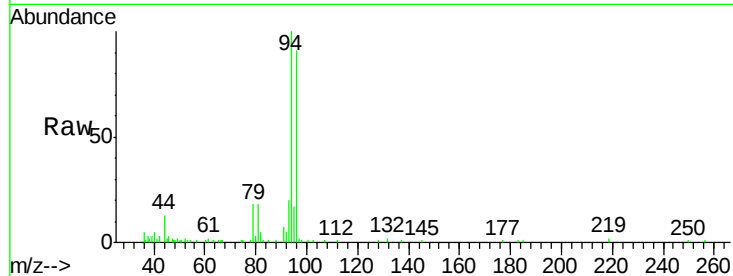
96 89.3 71.4 107.0

Manual Integrations

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1/21/2019 11:09:45 AM



#6

Chloroethane

Concen: 22.674 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW008351.D

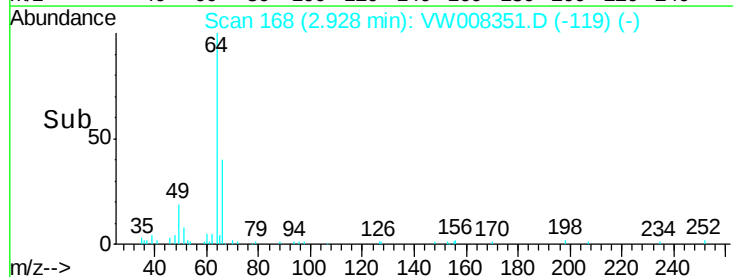
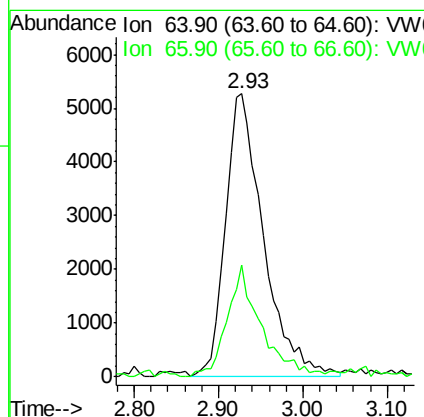
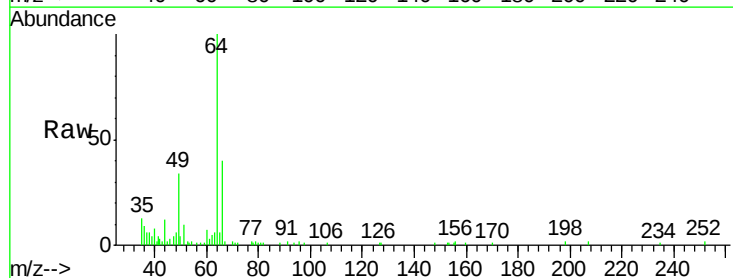
Acq: 18 Jan 2019 13:01

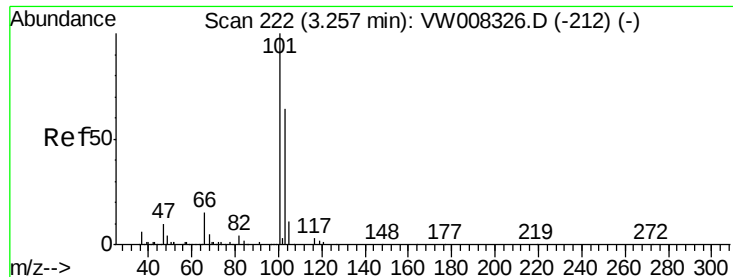
Tgt Ion: 64 Resp: 16272

Ion Ratio Lower Upper

64 100

66 39.7 26.2 39.4#





#7

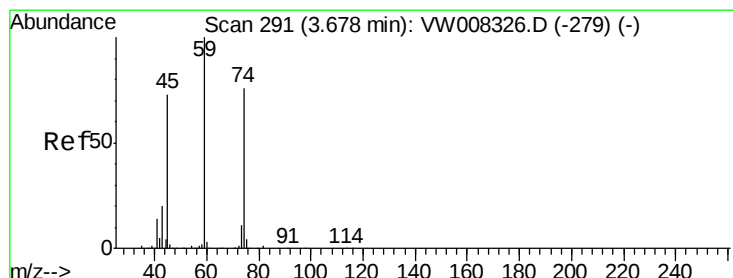
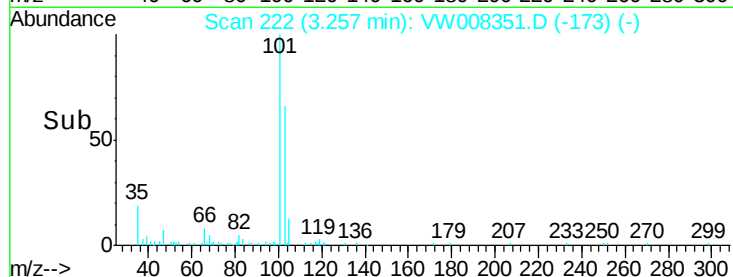
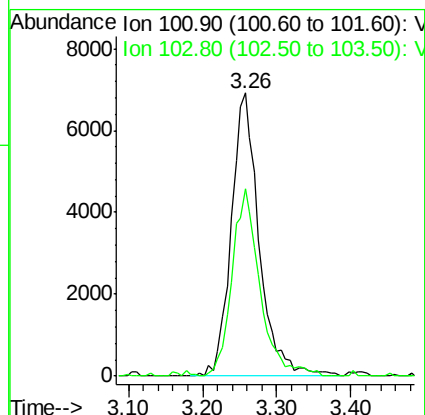
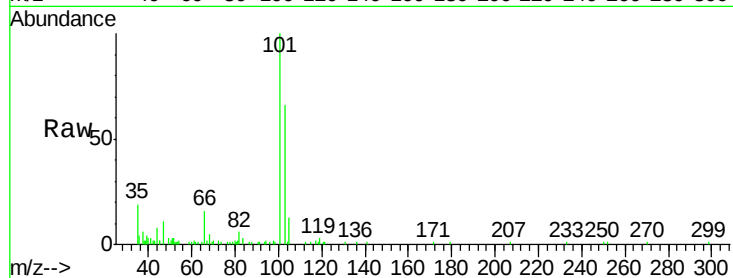
Trichlorofluoromethane
Concen: 22.491 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	50.9	76.3

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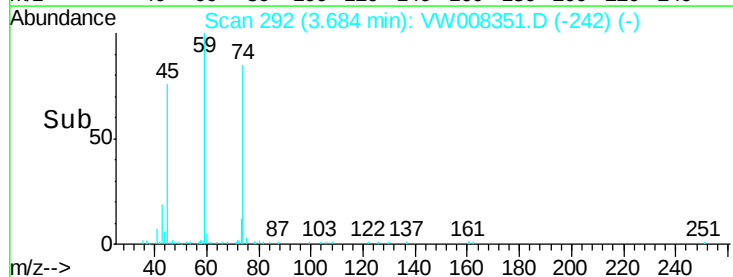
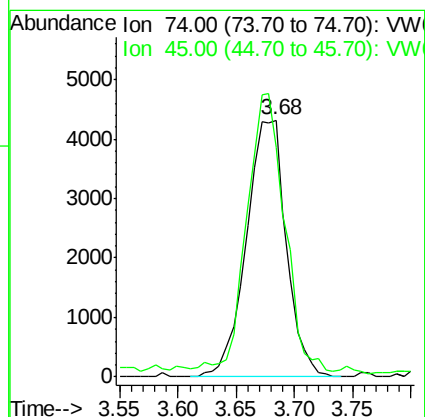
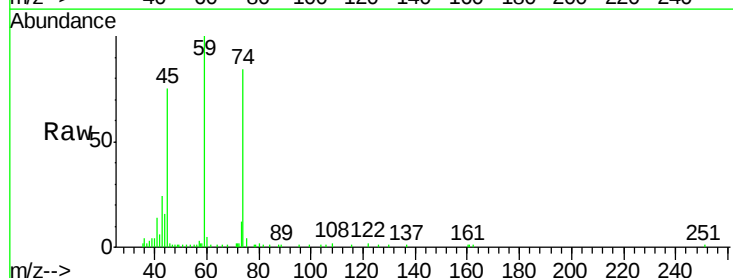
MMDadoda
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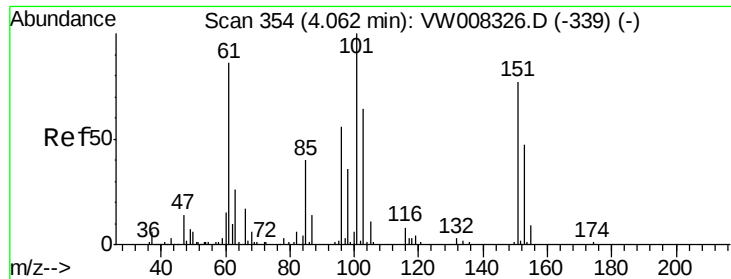


#8

Diethyl Ether
Concen: 18.465 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.01 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	50.1	150.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.142 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

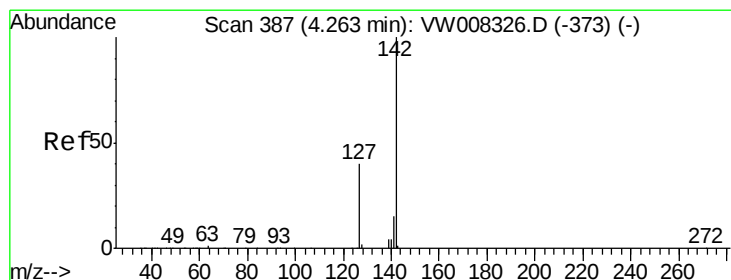
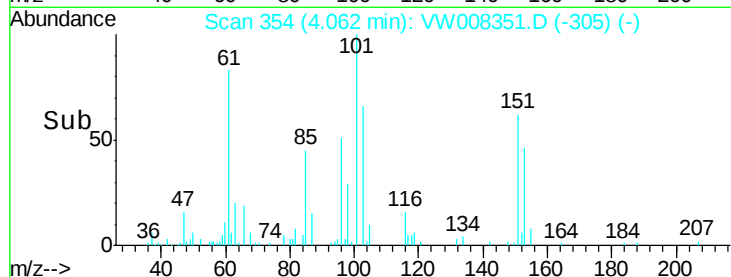
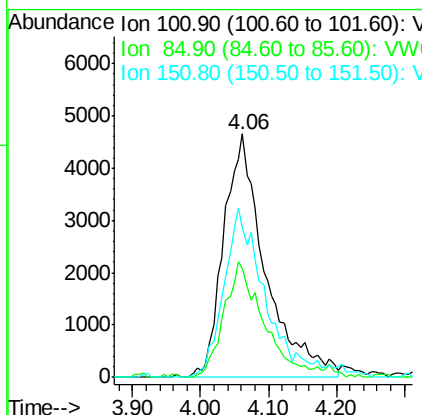
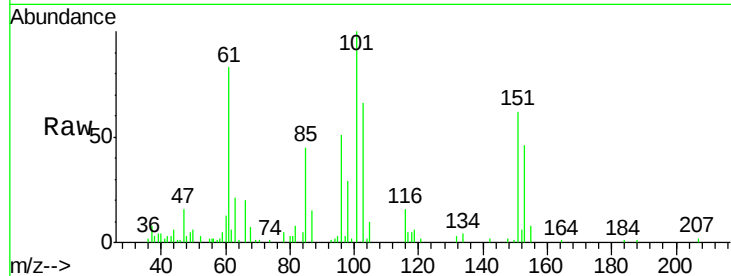
ClientSampleId :

VW0118SBS01

Tot Ion:	101	Resp:	19816
Ion Ratio	Lower	Upper	
101	100		
85	44.5	36.0	54.0
151	68.3	62.3	93.5

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#10

Methyl Iodide

Concen: 17.563 ug/l

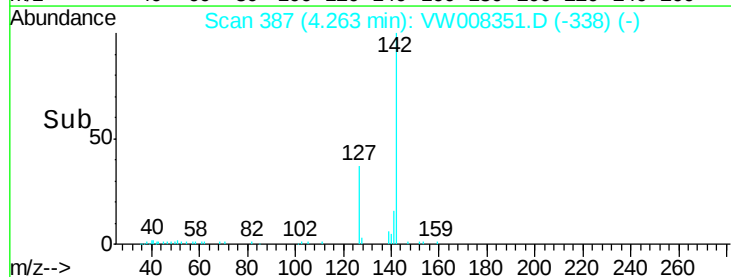
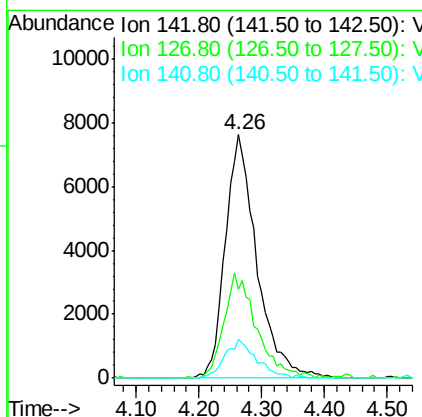
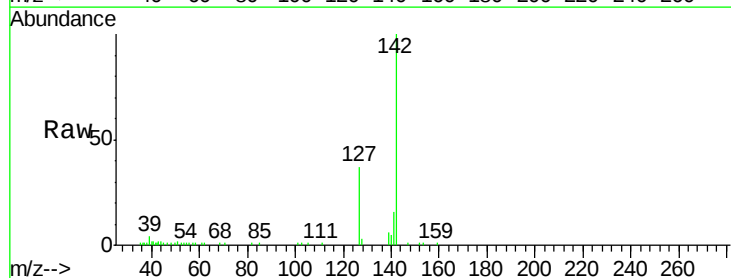
RT: 4.26 min Scan# 387

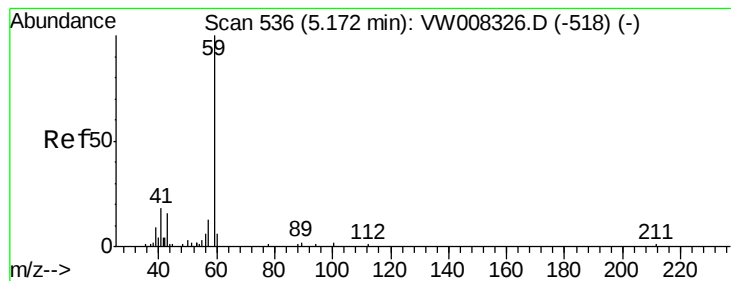
Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Tgt Ion:	142	Resp:	26548
Ion Ratio	Lower	Upper	
142	100		
127	44.3	34.3	51.5
141	15.7	12.2	18.2





#11

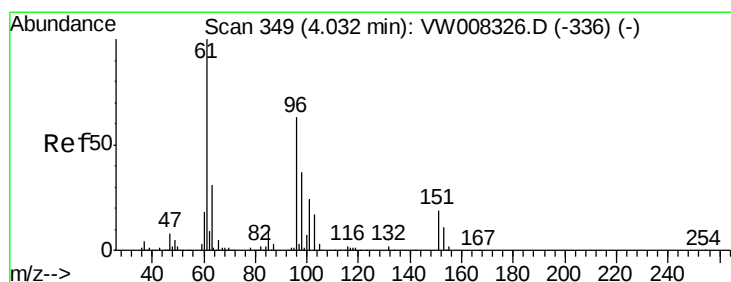
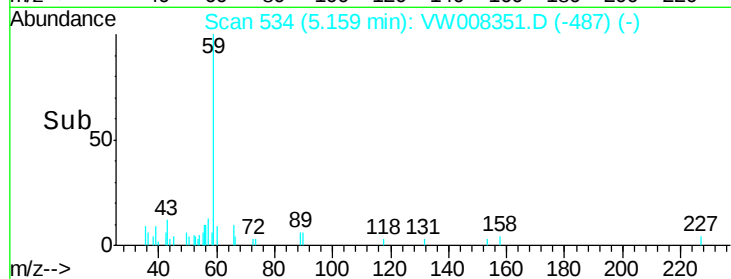
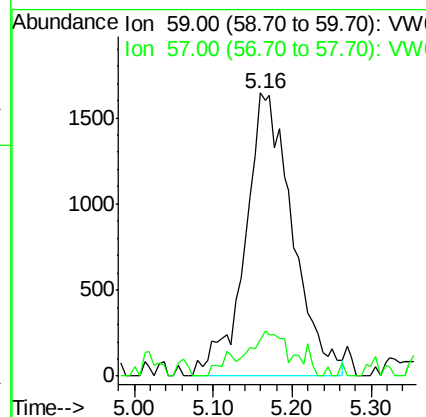
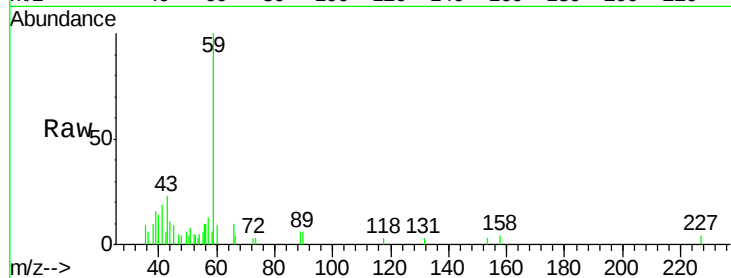
Tert butyl alcohol
Concen: 105.704 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.1	9.4	14.2#

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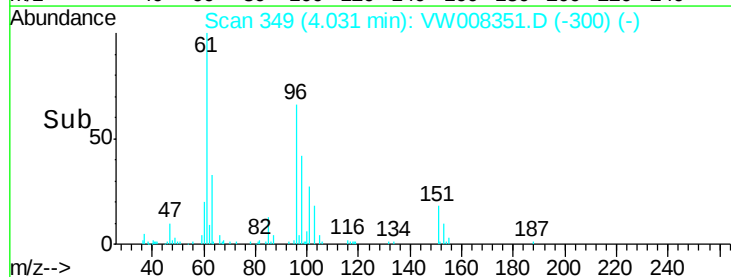
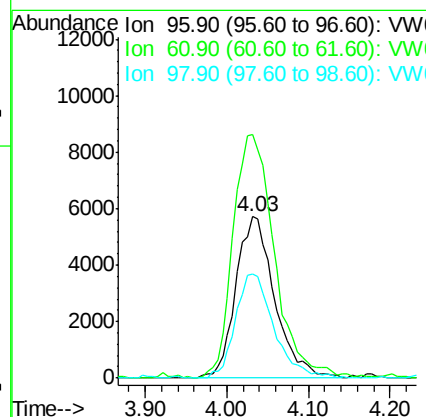
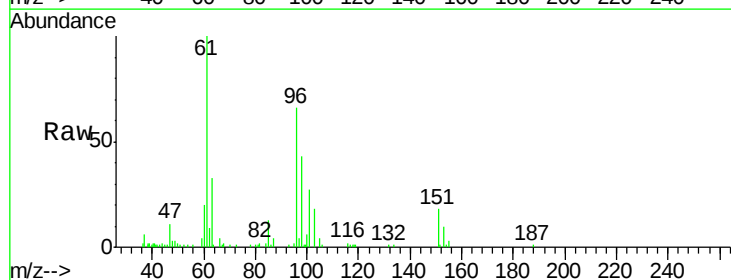
MMDadoda
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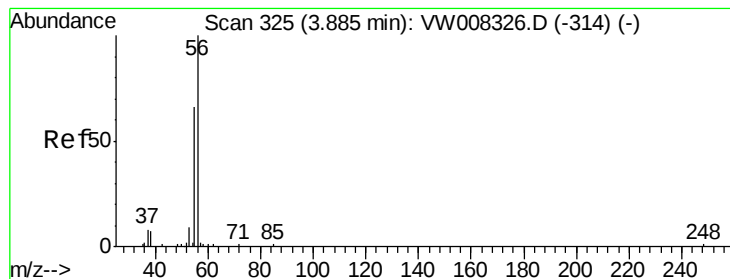


#12

1,1-Dichloroethene
Concen: 19.746 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.9	126.4	189.6
98	64.7	46.7	70.1





#13

Acrolein

Concen: 67.516 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion: 56 Resp: 4155

Ion Ratio Lower Upper

56 100

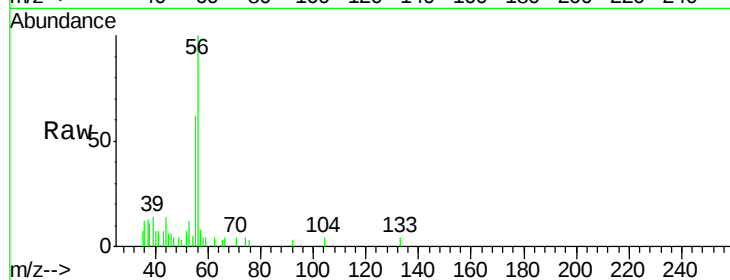
55 74.2 52.9 79.3

Manual Integrations

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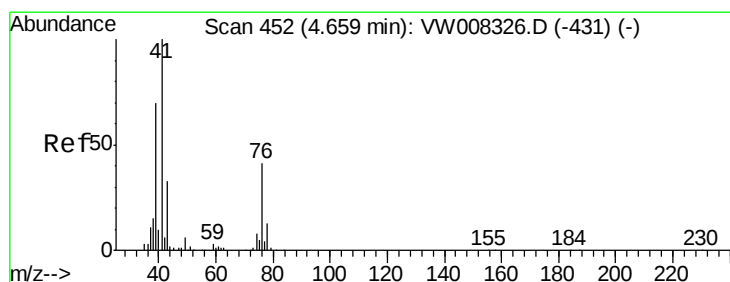
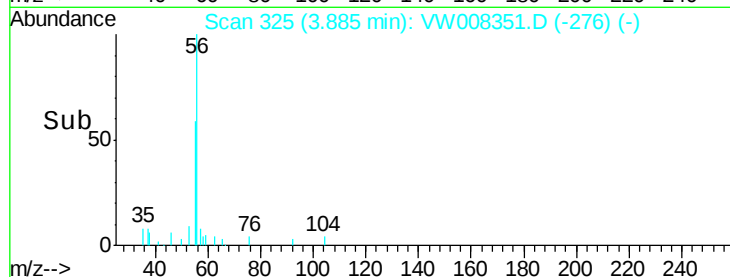
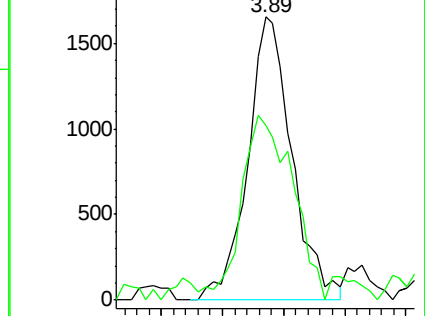
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.282 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

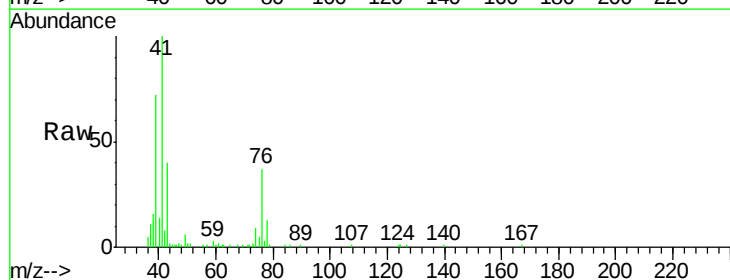
Tgt Ion: 41 Resp: 30728

Ion Ratio Lower Upper

41 100

39 68.4 54.1 81.1

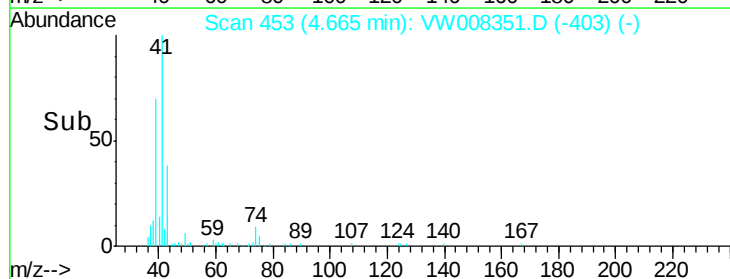
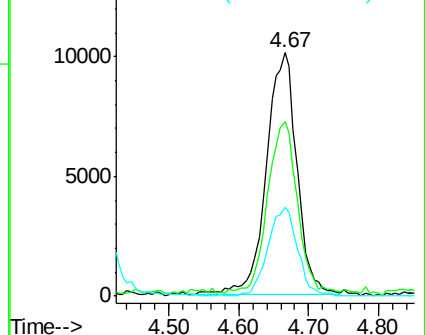
76 35.6 29.5 44.3

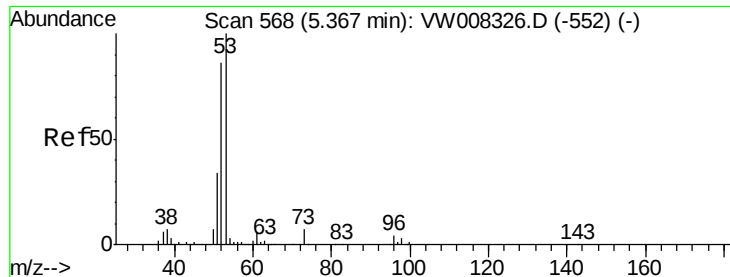


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 99.052 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

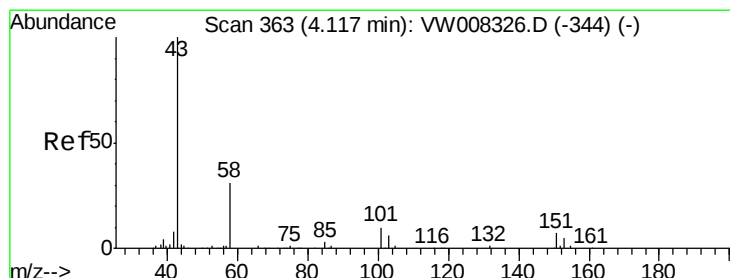
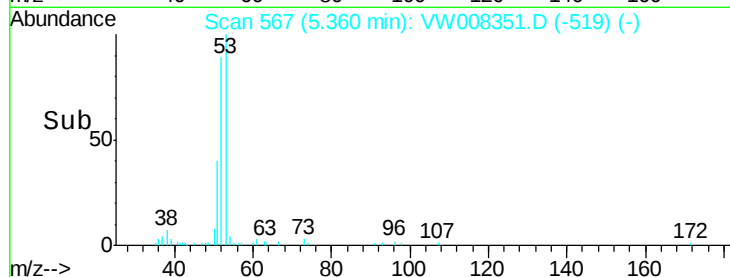
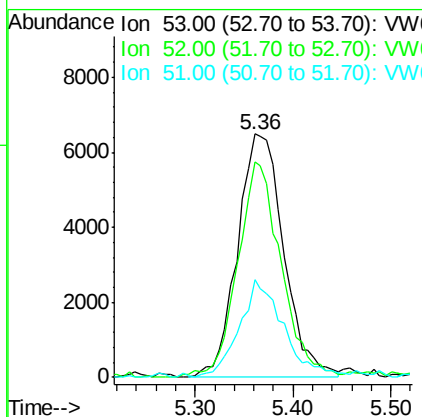
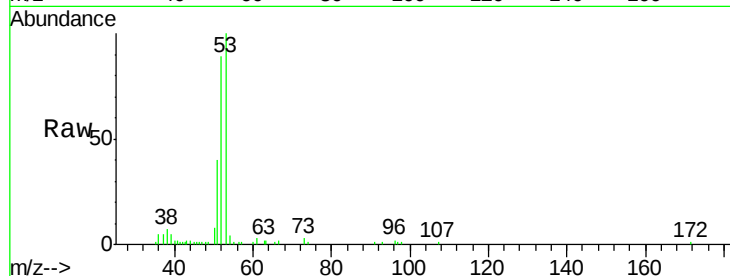
ClientSampleId :

VW0118SBS01

Tot Ion:	53	Resp:	21241
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.4	99.6
51	38.5	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 91.858 ug/l

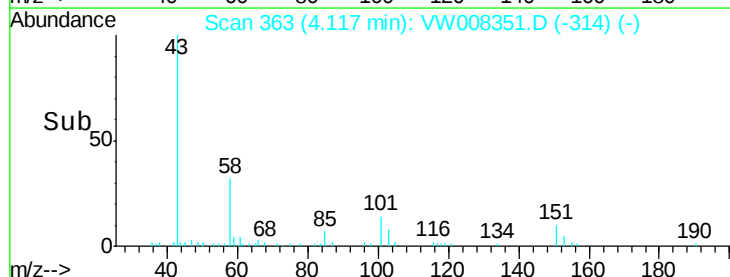
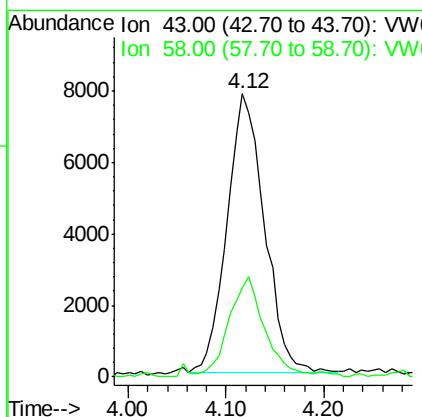
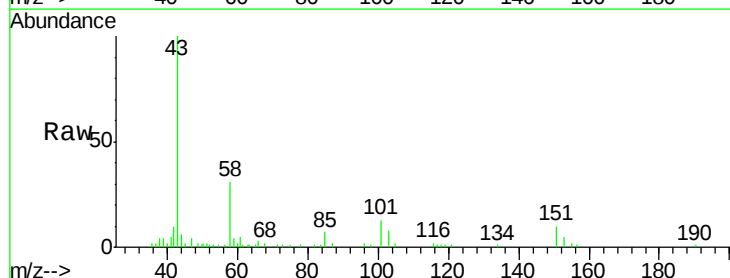
RT: 4.12 min Scan# 363

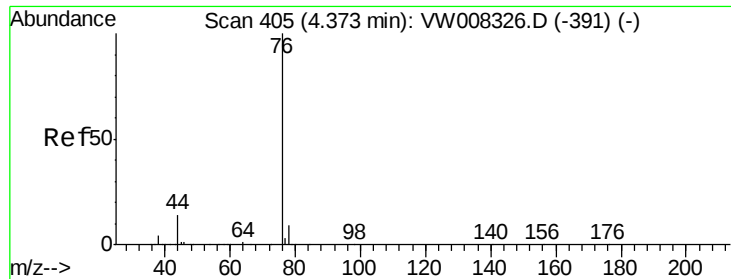
Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Tgt Ion:	43	Resp:	20616
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.7	37.1





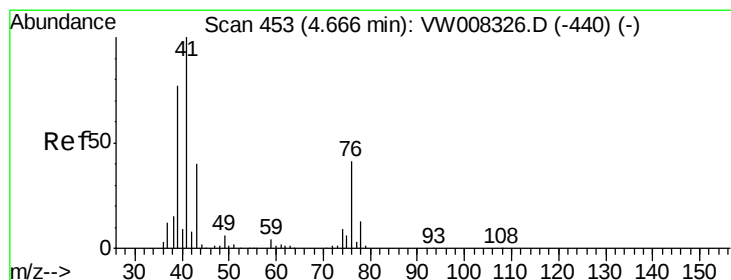
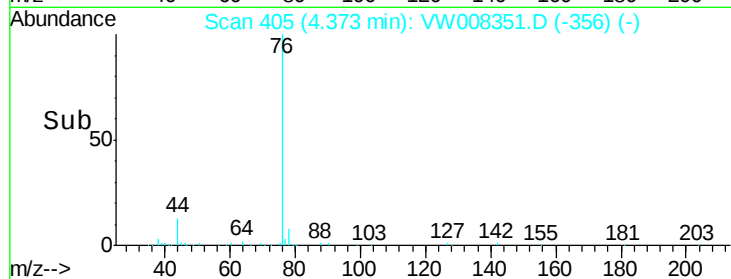
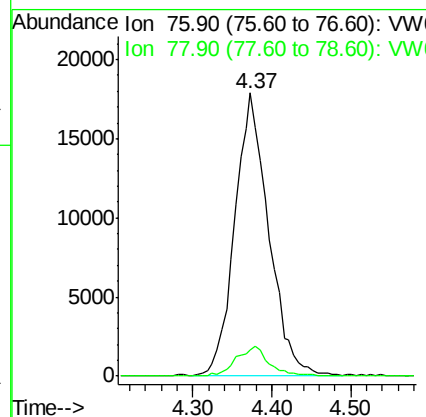
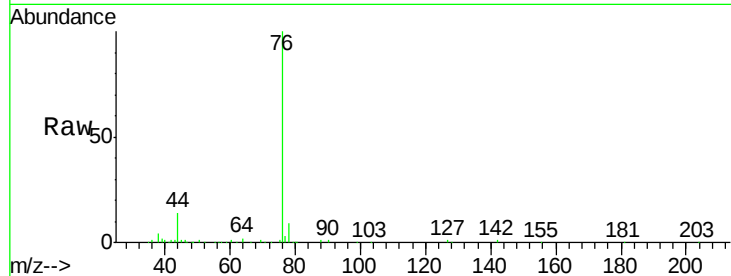
#17
Carbon Disulfide
Concen: 18.455 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.4

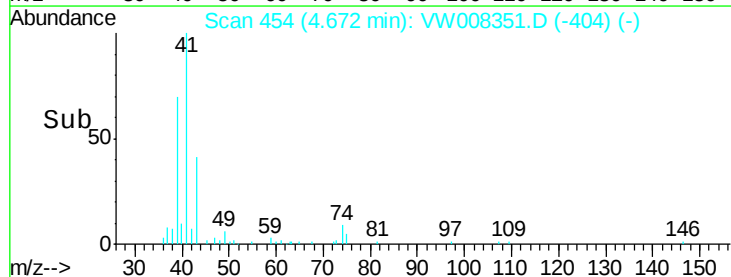
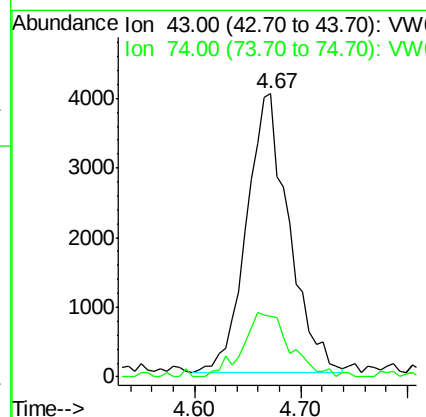
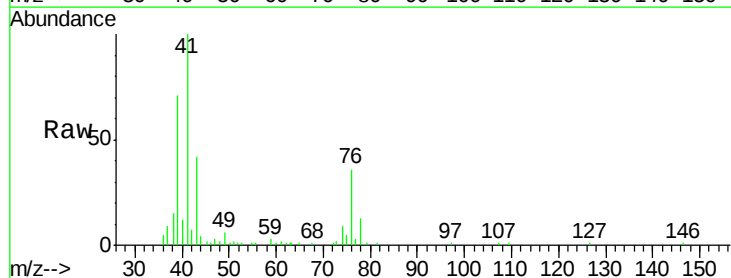
Manual Integrations
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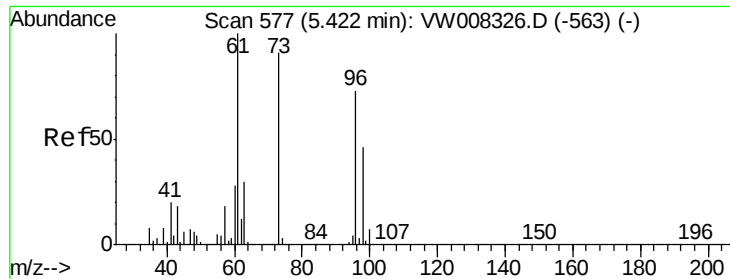
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#18
Methyl Acetate
Concen: 18.770 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.6	19.4	29.0





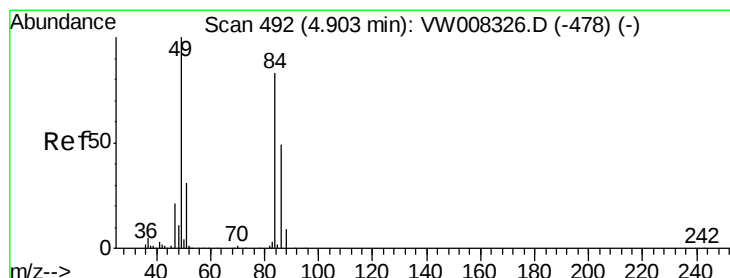
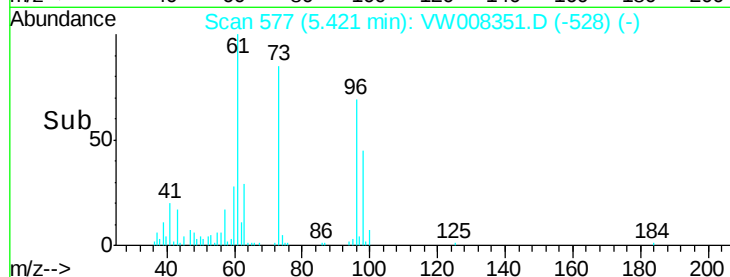
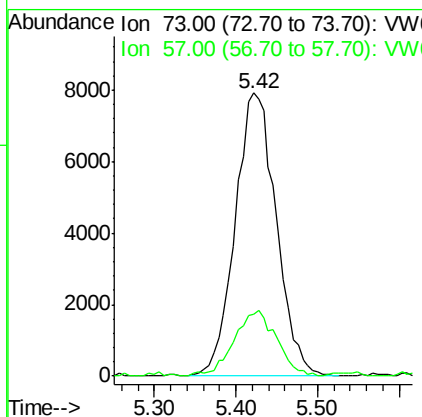
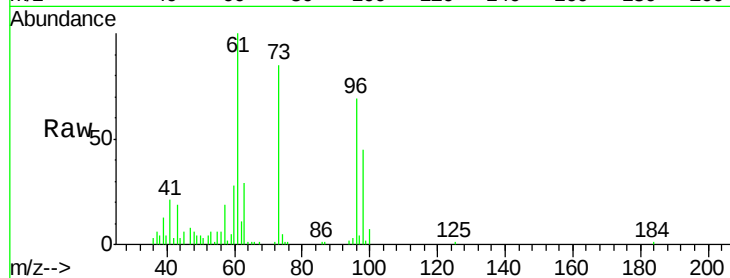
#19
Methyl tert-butyl Ether
Concen: 18.968 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion: 73 Resp: 27679
Ion Ratio Lower Upper
73 100
57 21.9 16.3 24.5

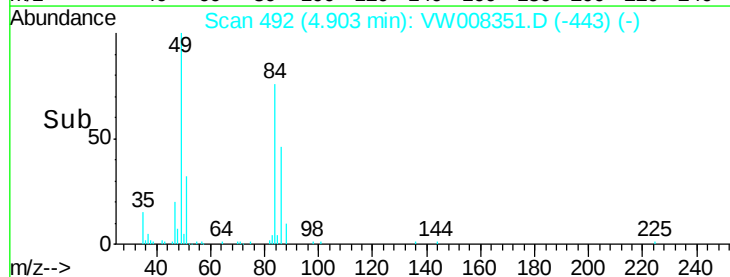
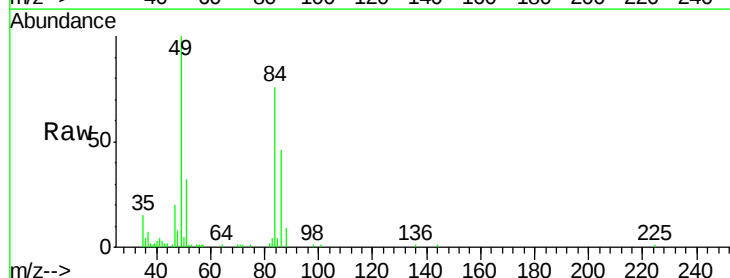
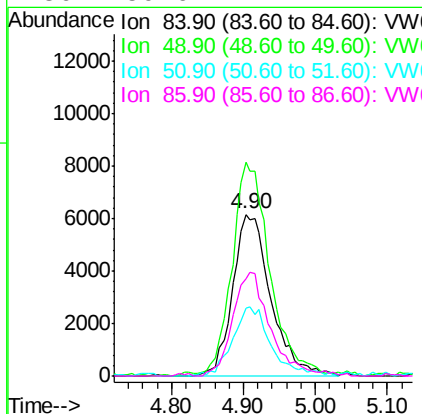
Manual Integrations
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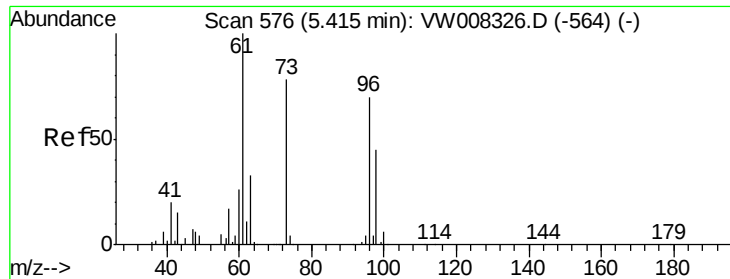
MMDadoda
1/21/2019 11:09:45 AM



#20
Methylene Chloride
Concen: 19.587 ug/l
RT: 4.90 min Scan# 492
Delta R.T. 0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion: 84 Resp: 22645
Ion Ratio Lower Upper
84 100
49 130.2 95.9 143.9
51 41.9 29.3 43.9
86 59.6 47.4 71.2





#21

trans-1,2-Dichloroethene

Concen: 19.430 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

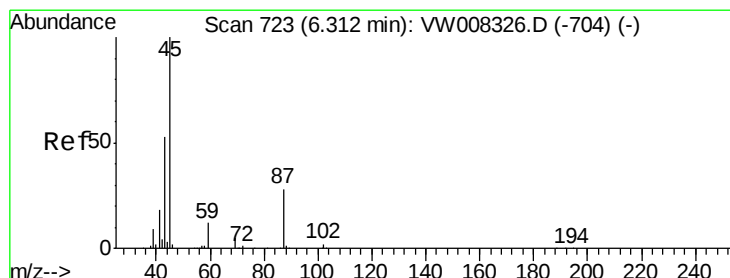
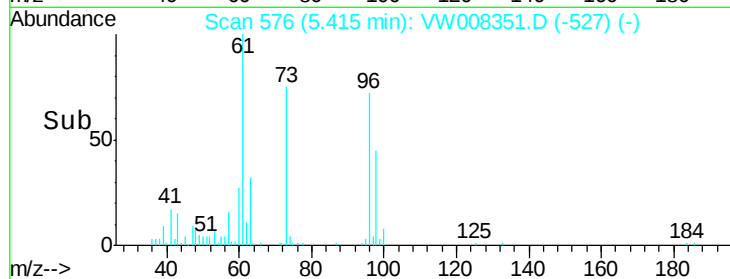
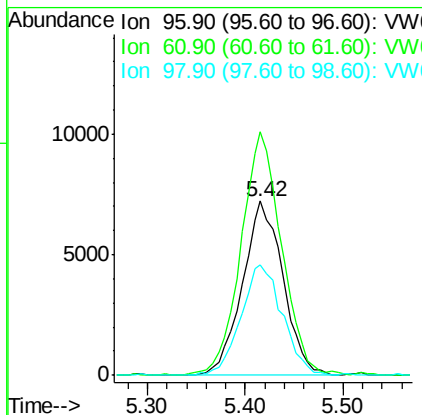
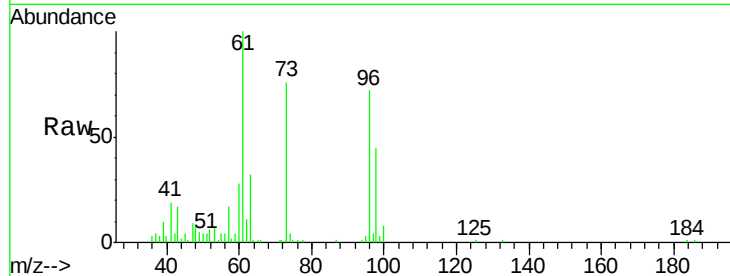
ClientSampleId :

VW0118SBS01

Tot Ion:	96	Resp:	20803
Ion	Ratio	Lower	Upper
96	100		
61	138.7	114.5	171.7
98	63.4	52.0	78.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 20.685 ug/l

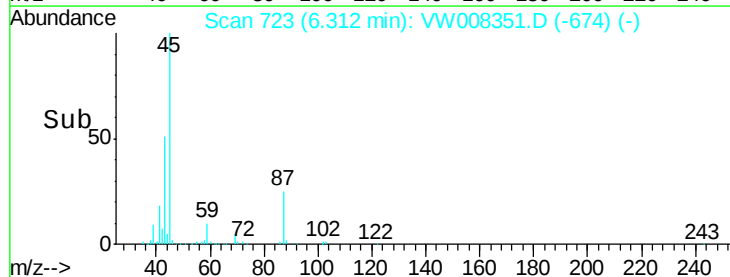
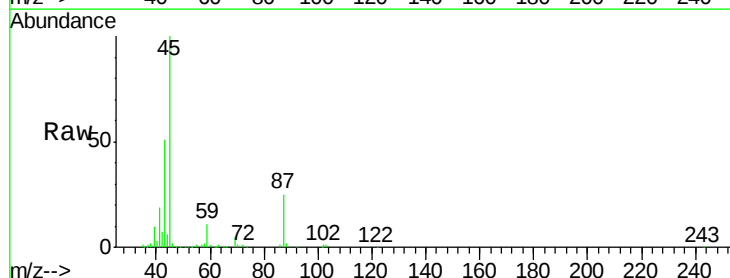
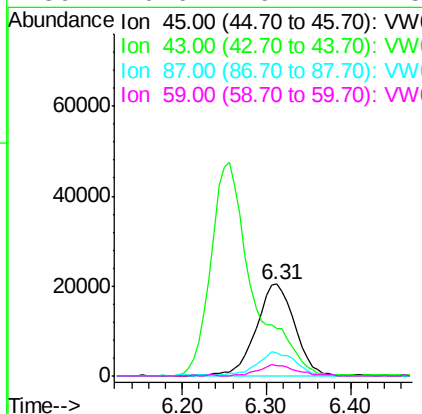
RT: 6.31 min Scan# 723

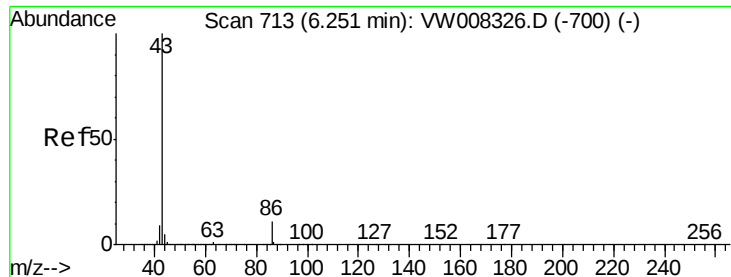
Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Tgt Ion:	45	Resp:	64357
Ion	Ratio	Lower	Upper
45	100		
43	50.2	42.5	63.7
87	25.1	22.2	33.2
59	10.6	9.7	14.5





#23

Vinyl Acetate

Concen: 97.422 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleID :

VW0118SBS01

Tot Ion: 43 Resp: 162024

Ion Ratio Lower Upper

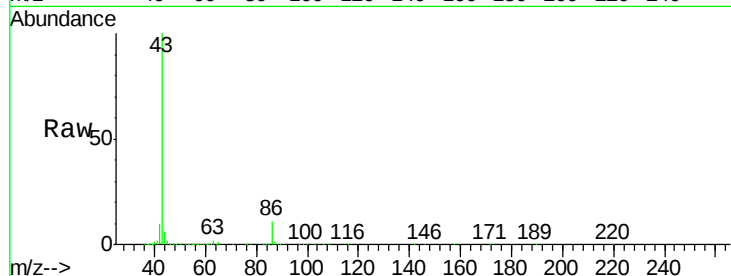
43 100

86 11.0 8.6 13.0

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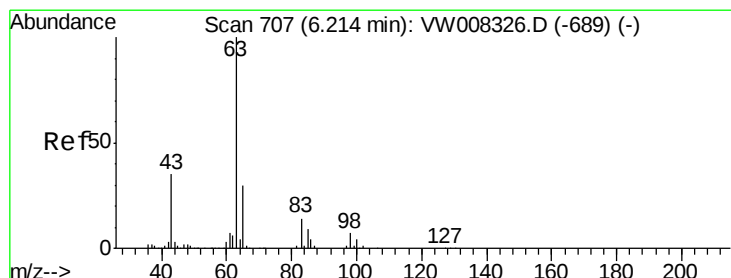
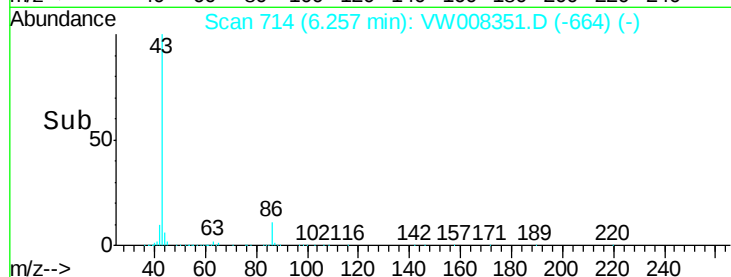
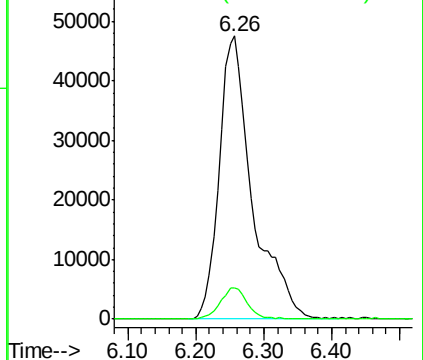
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 20.039 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

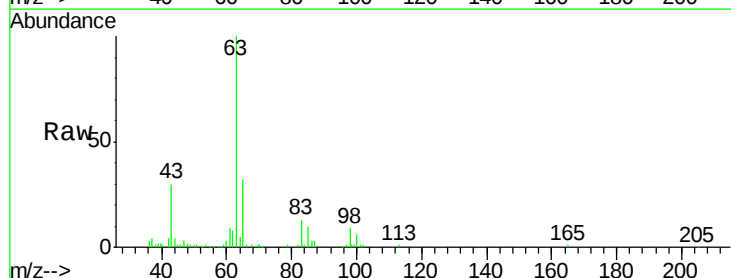
Tgt Ion: 63 Resp: 37962

Ion Ratio Lower Upper

63 100

98 9.2 3.5 10.6

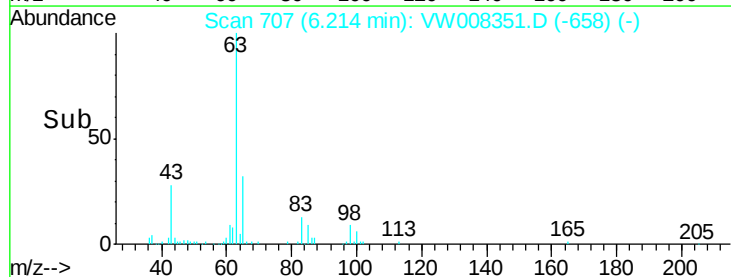
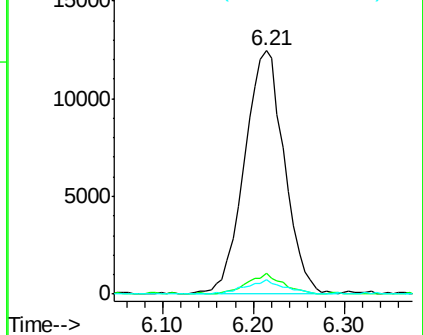
100 6.1 2.1 6.3

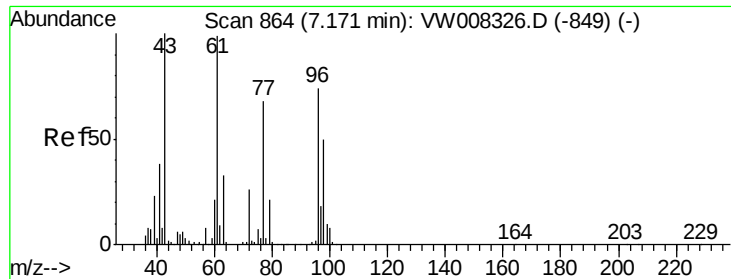


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 94.724 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion: 43 Resp: 27229

Ion Ratio Lower Upper

43 100

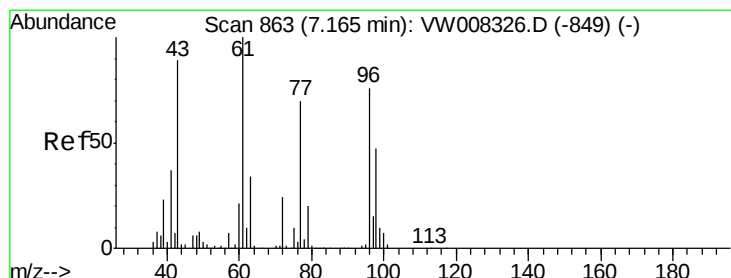
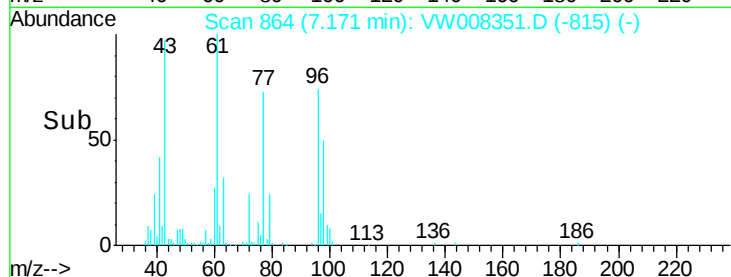
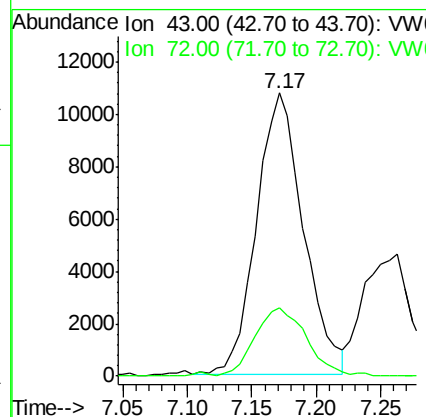
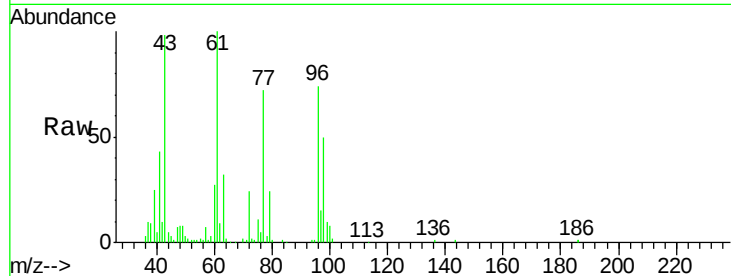
72 24.0 21.2 31.8

Manual Integrations

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MMDadoda

1/21/2019 11:09:45 AM



#26

2,2-Dichloropropane

Concen: 20.029 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW008351.D

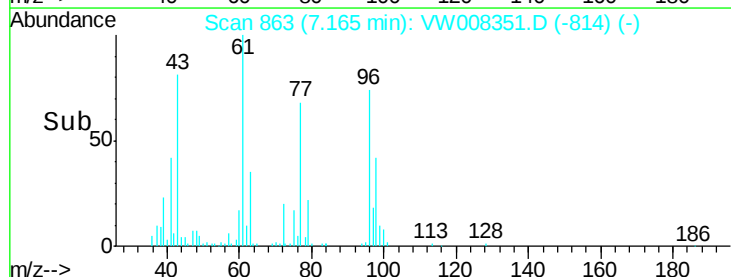
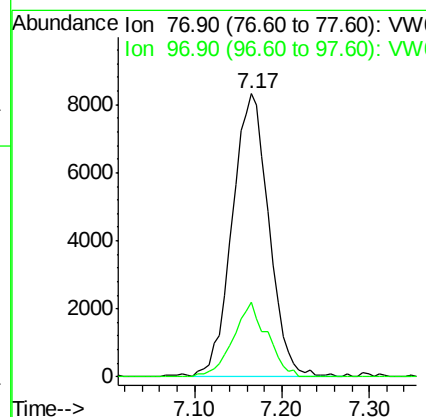
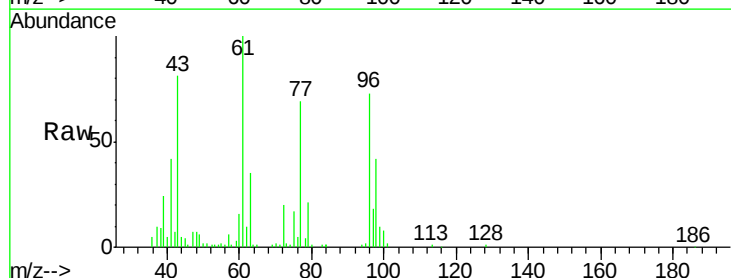
Acq: 18 Jan 2019 13:01

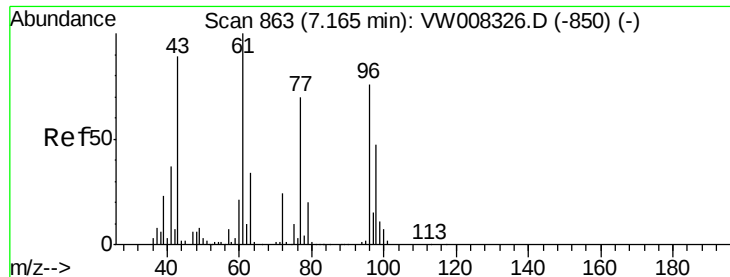
Tgt Ion: 77 Resp: 24214

Ion Ratio Lower Upper

77 100

97 24.4 11.7 35.1





#27

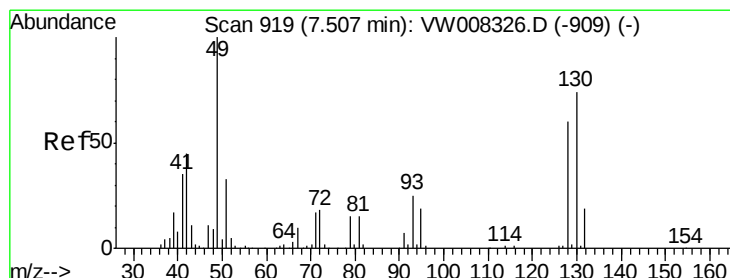
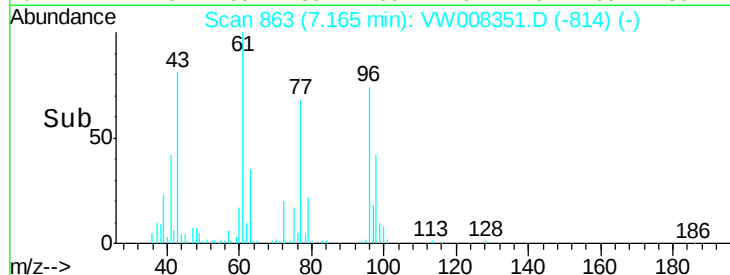
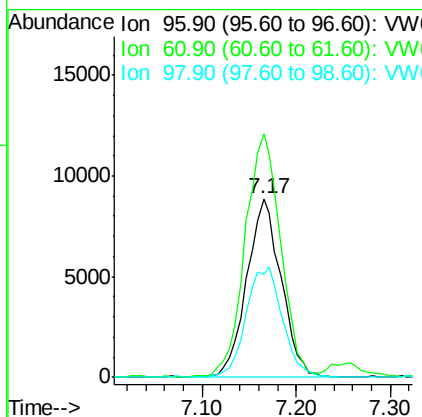
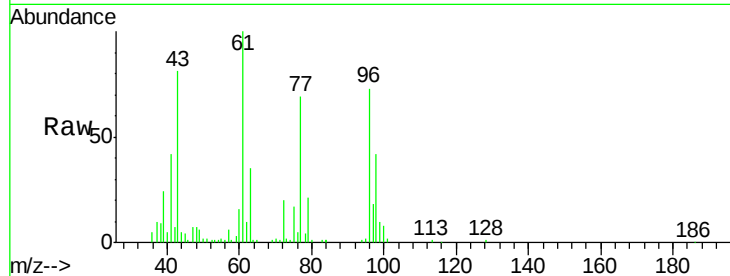
cis-1,2-Dichloroethene
 Concen: 19.584 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	272.2
98	65.3	0.0	129.4

Manual Integrations
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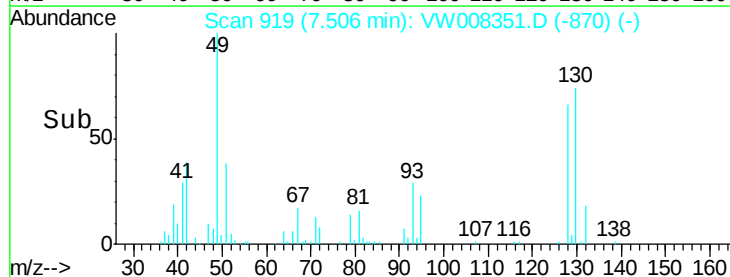
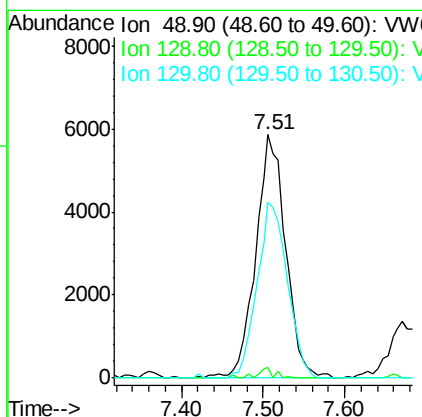
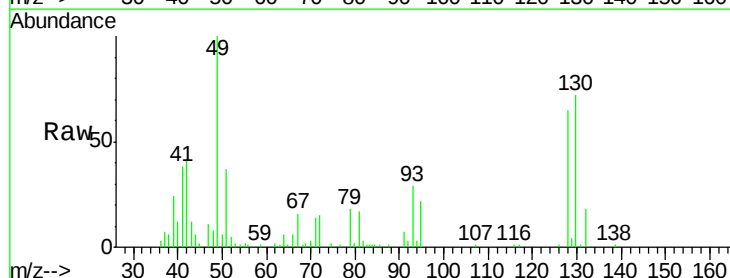
MMDadoda
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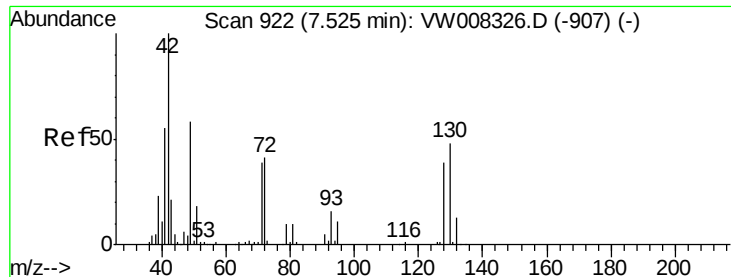


#28

Bromochloromethane
 Concen: 19.184 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.6
130	73.1	0.0	0.0#





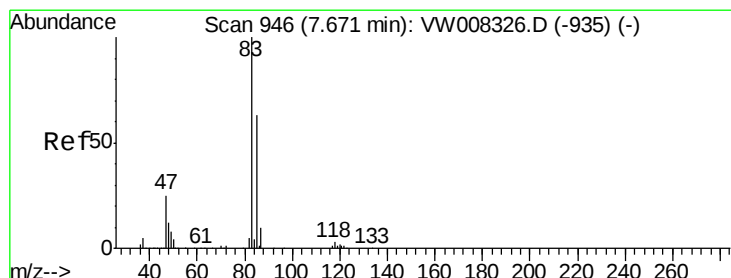
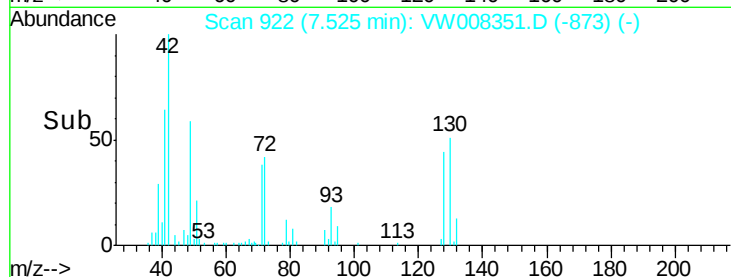
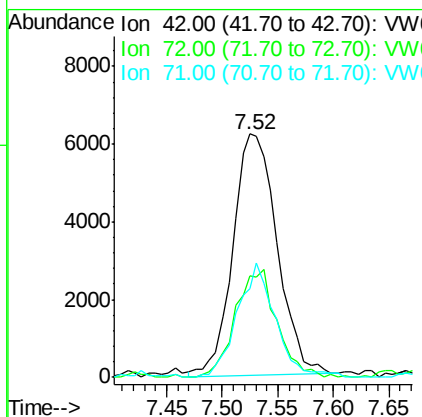
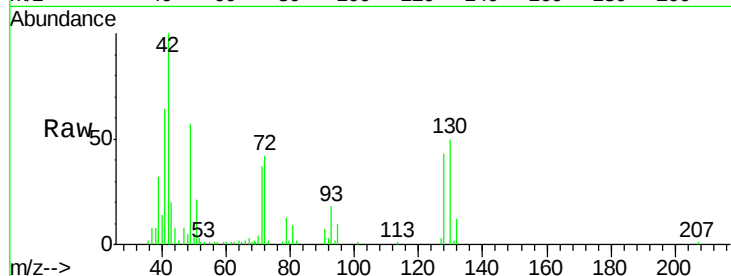
#29
Tetrahydrofuran
Concen: 95.366 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.3	34.0	51.0
71	41.1	32.0	48.0

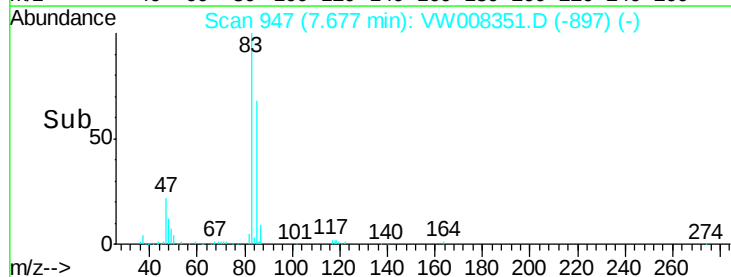
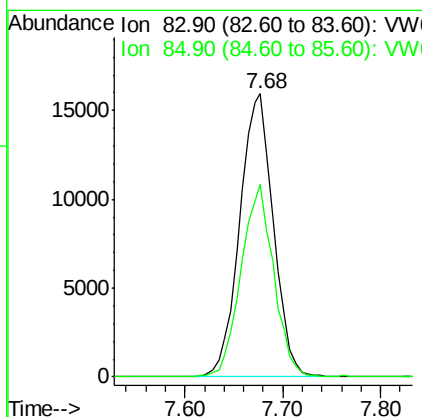
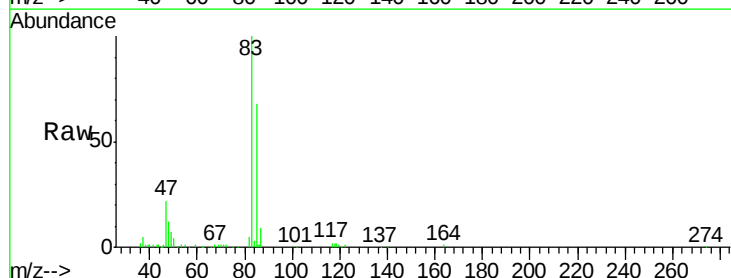
Manual Integrations
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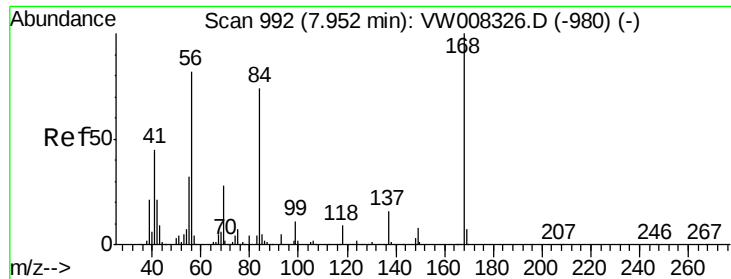
MMDadoda
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#30
Chloroform
Concen: 20.322 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.8	50.2	75.2





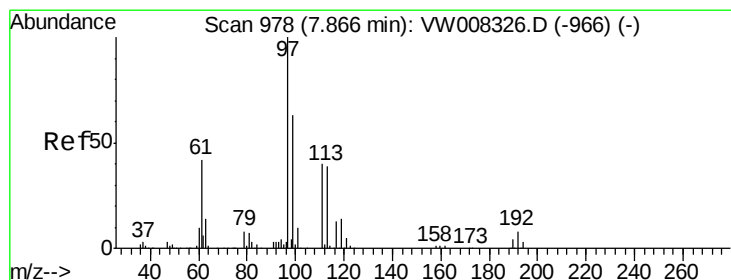
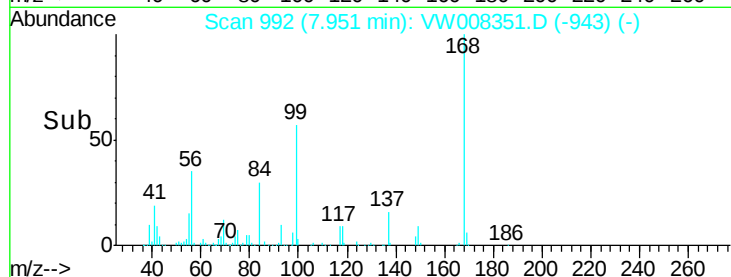
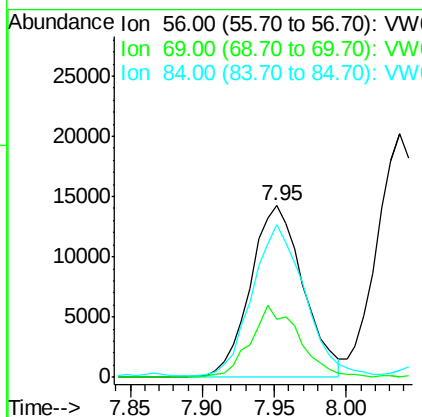
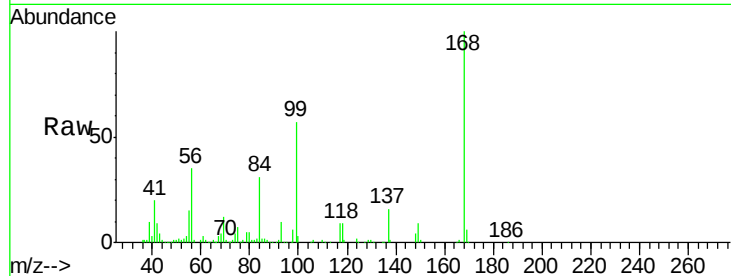
#31
Cyclohexane
Concen: 20.136 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	27.0	40.6
84	88.2	72.5	108.7

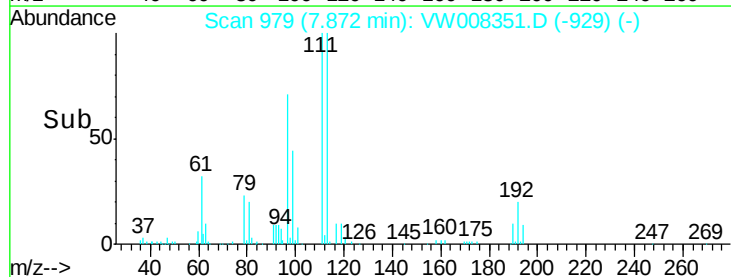
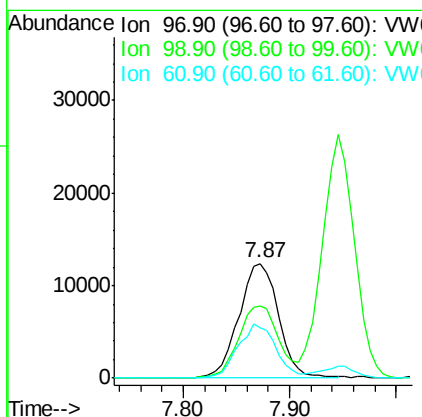
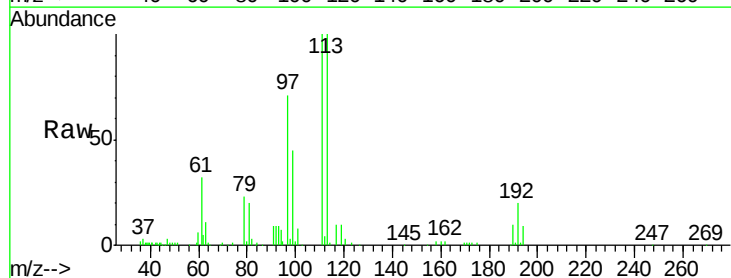
Manual Integrations
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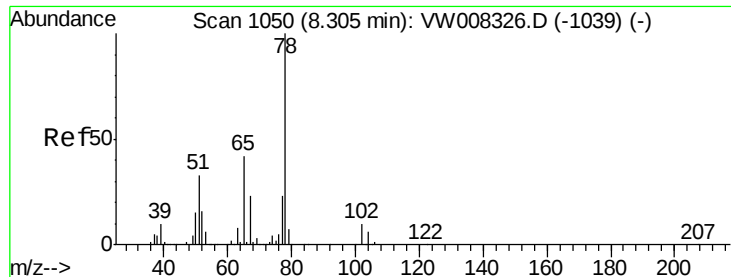
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#32
1,1,1-Trichloroethane
Concen: 20.647 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.1	76.7
61	45.2	34.0	51.0





#33

1,2-Dichloroethane-d4

Concen: 54.256 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion: 65 Resp: 52433

Ion Ratio Lower Upper

65 100

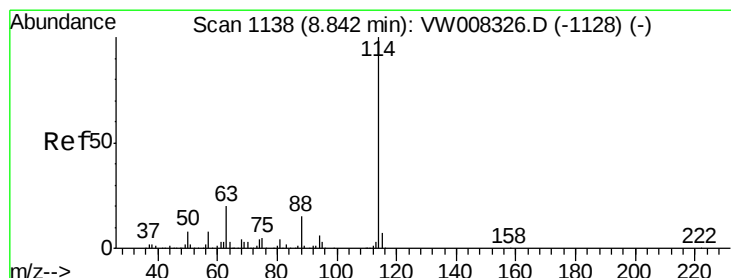
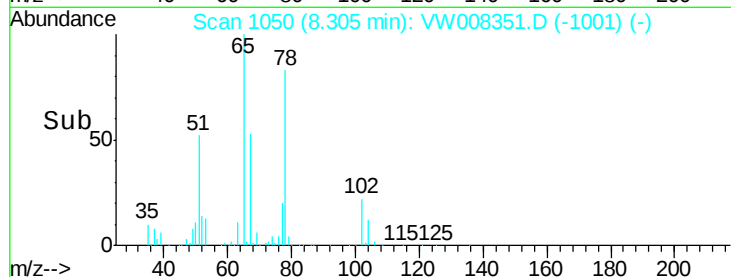
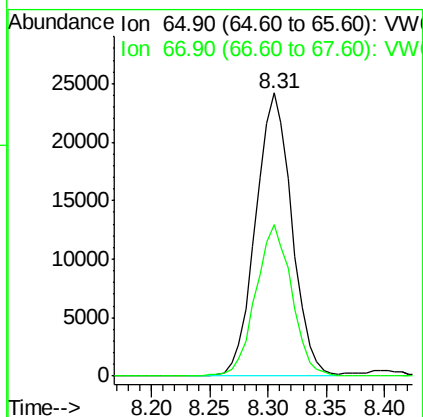
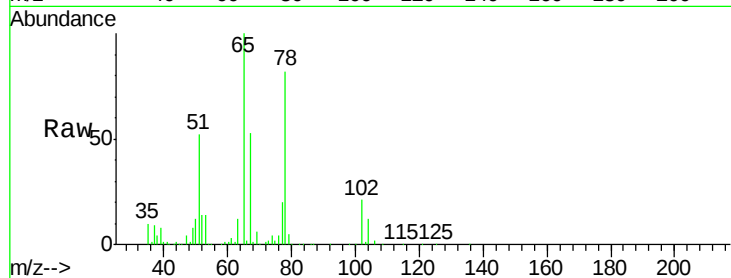
67 53.0 0.0 106.2

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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: VW008351.D

Acq: 18 Jan 2019 13:01

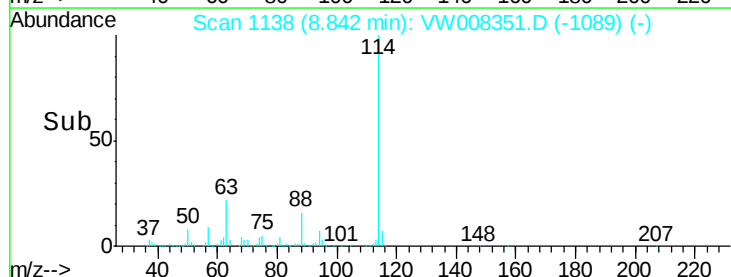
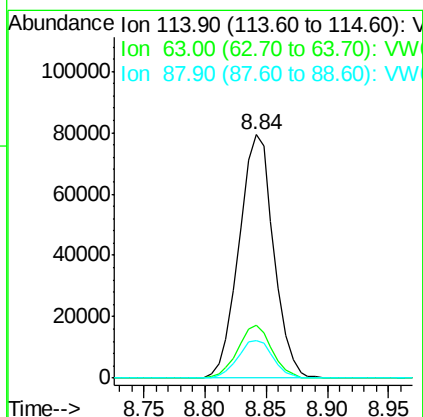
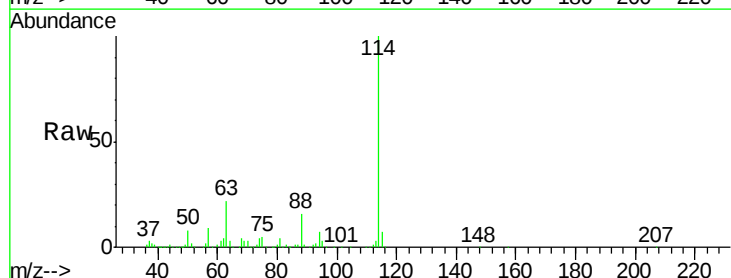
Tgt Ion: 114 Resp: 156110

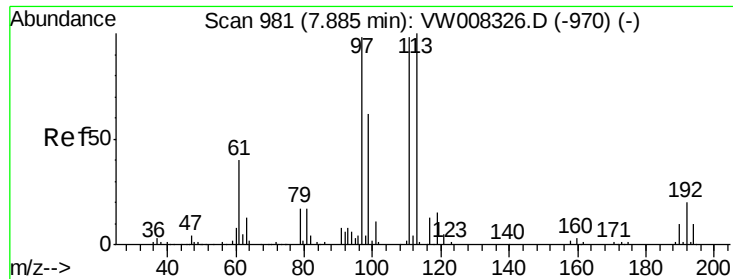
Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.8

88 15.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 52.402 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

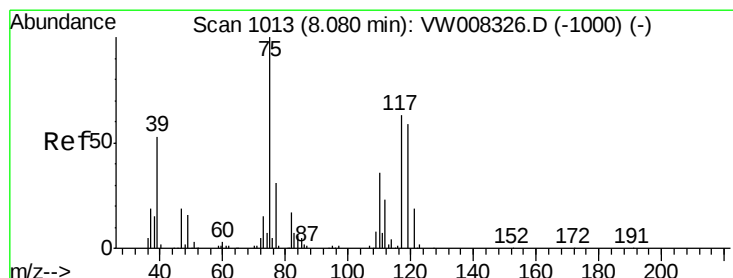
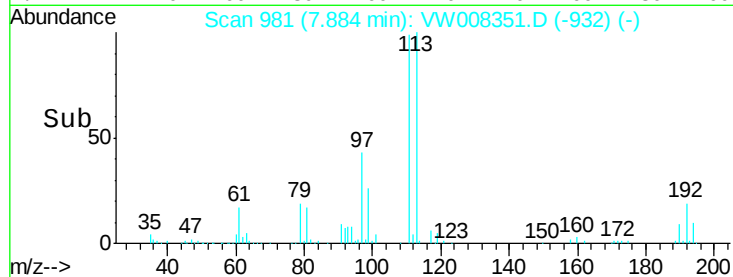
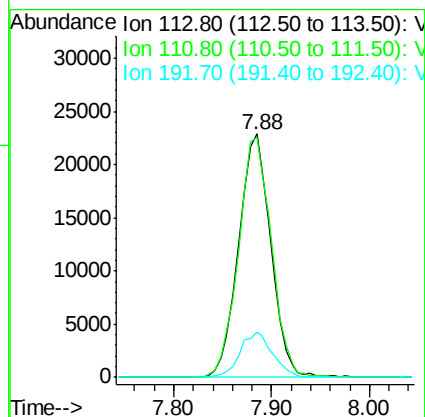
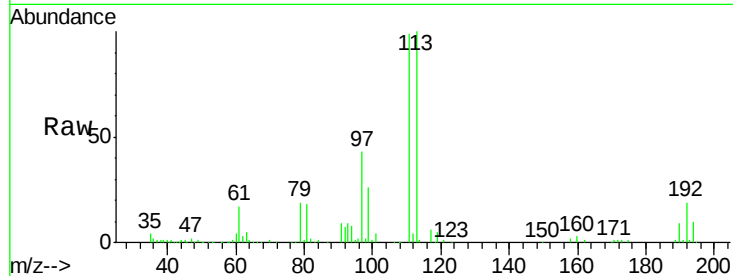
ClientSampleId :

VW0118SBSD01

Tot Ion:	113	Resp:	52219
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.8
192	18.7	16.3	24.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.437 ug/l

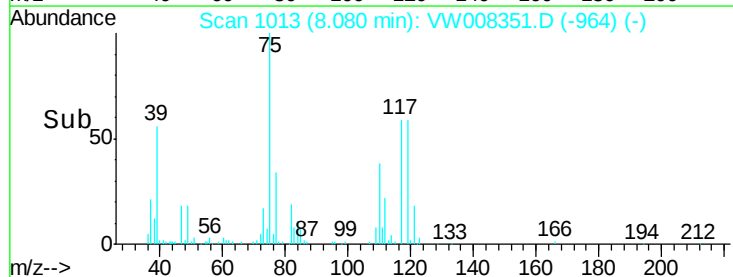
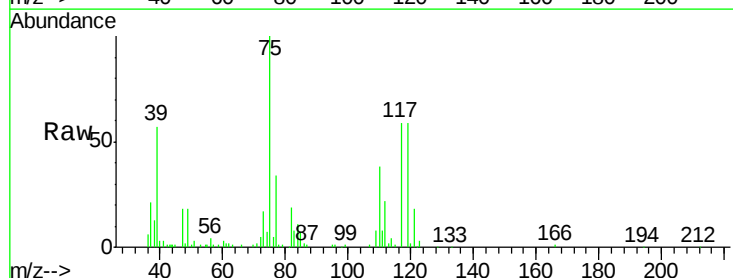
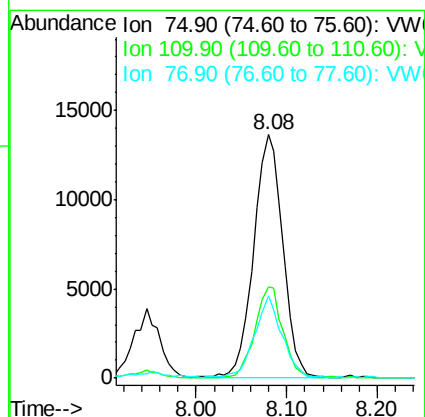
RT: 8.08 min Scan# 1013

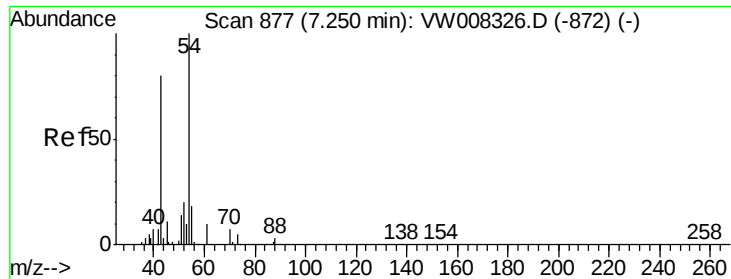
Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Tgt Ion:	75	Resp:	30528
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.5	52.6
77	32.1	25.0	37.6





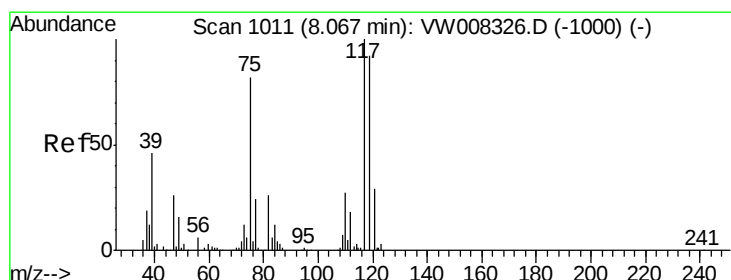
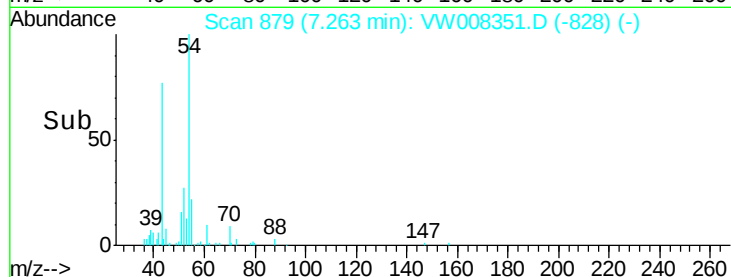
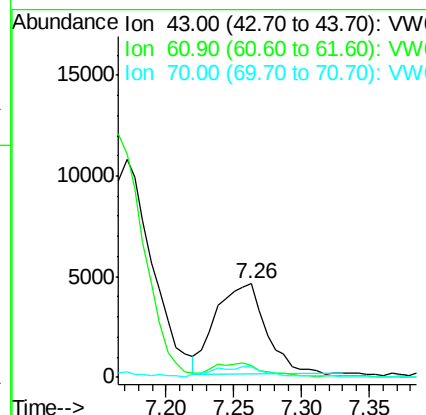
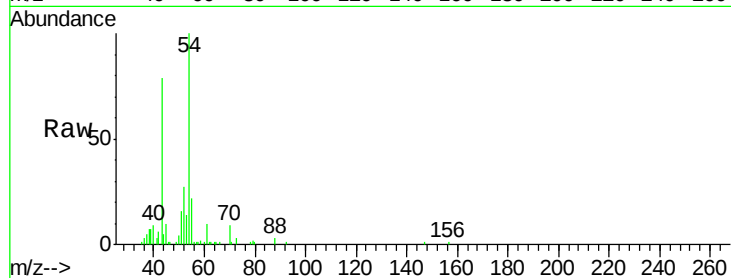
#37
Ethyl Acetate
Concen: 18.009 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	11.5	17.3
70	12.7	8.8	13.2

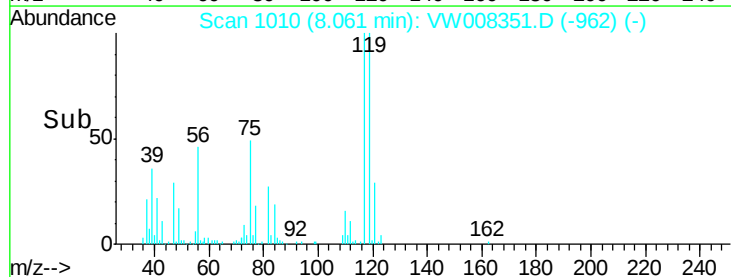
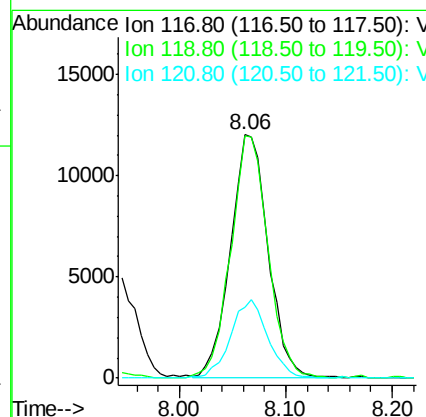
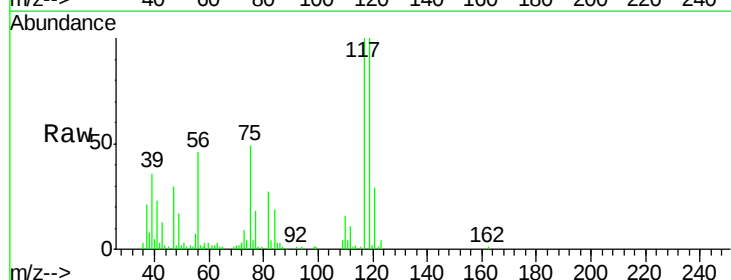
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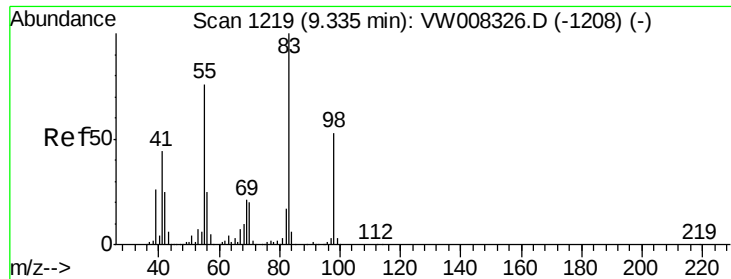
MMDadoda
1/21/2019 11:09:45 AM



#38
Carbon Tetrachloride
Concen: 19.209 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	73.8	110.6
121	28.6	23.4	35.0





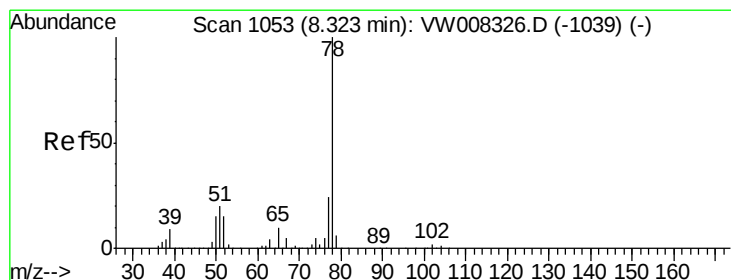
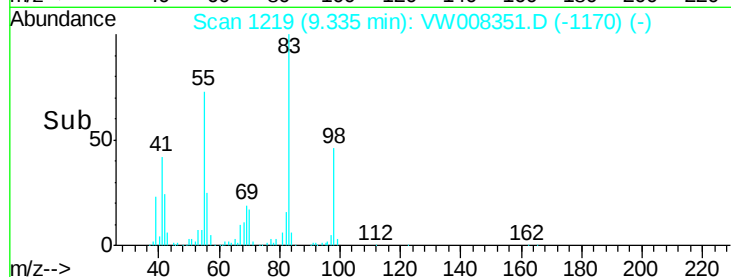
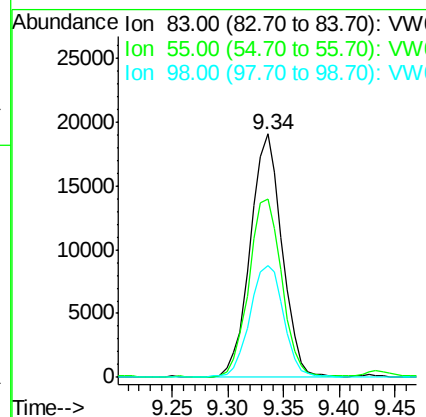
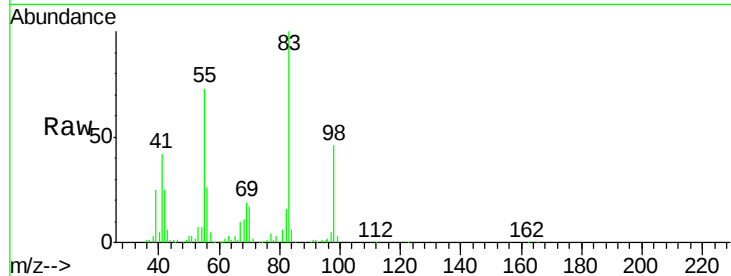
#39
Methvlcvclohexane
Concen: 20.393 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.1	61.1	91.7
98	45.8	42.5	63.7

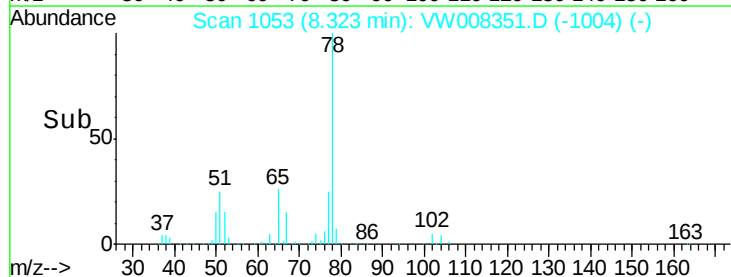
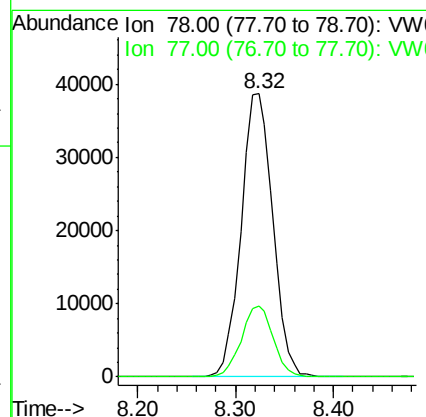
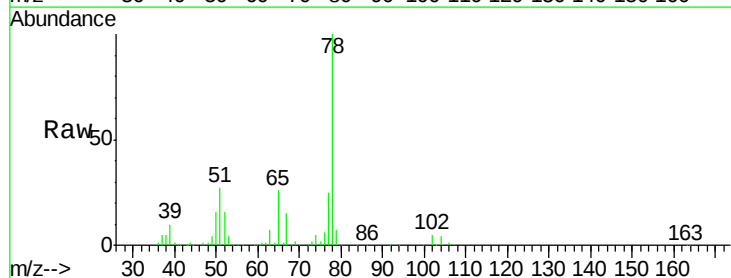
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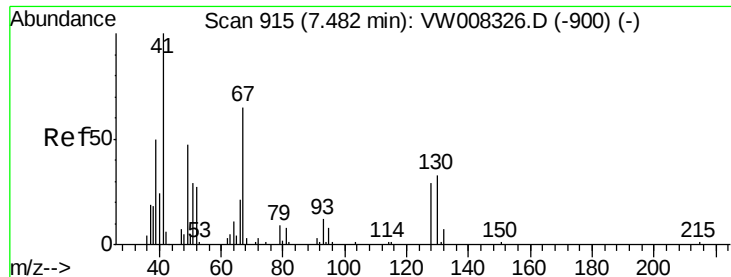
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#40
Benzene
Concen: 19.523 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.4	29.0





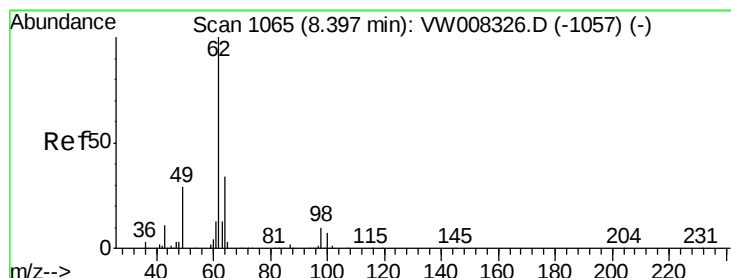
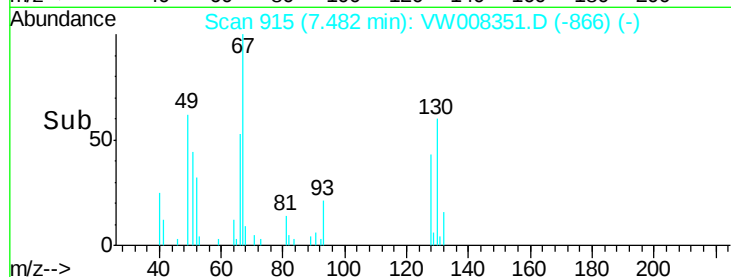
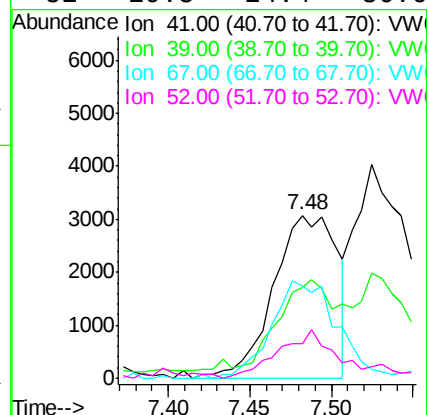
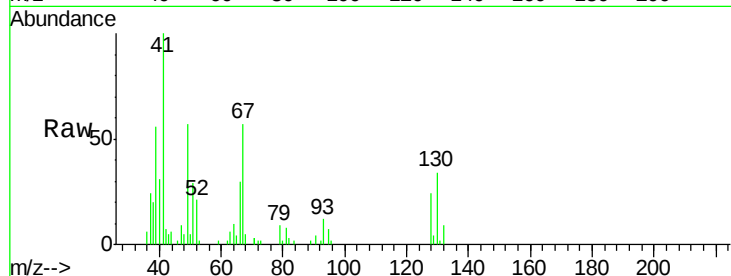
#41
Methacrylonitrile
Concen: 22.149 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.5	44.9	67.3
67	63.0	56.9	85.3
52	29.5	24.4	36.6

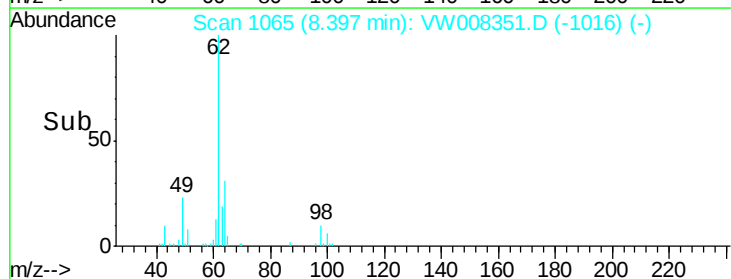
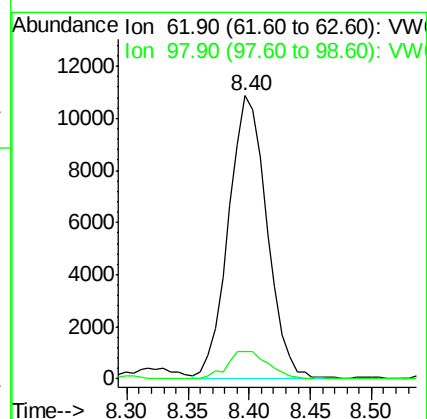
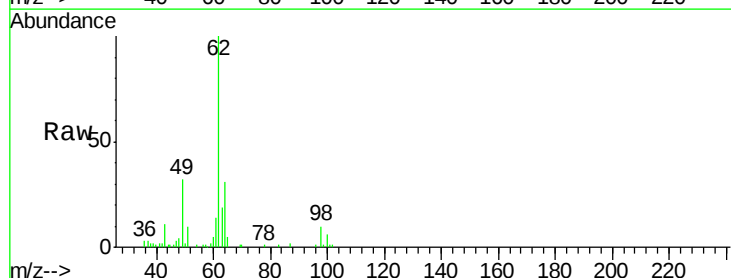
Manual Integrations
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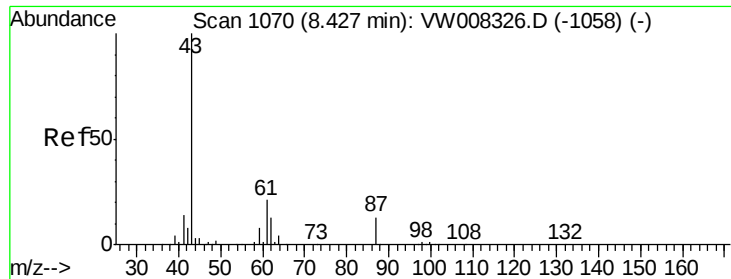
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.051 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	19.0





#43

Isopropyl Acetate

Concen: 18.336 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

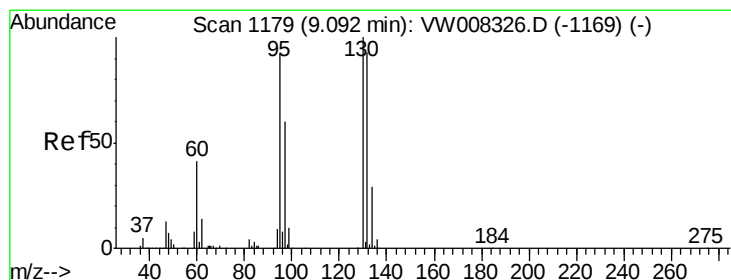
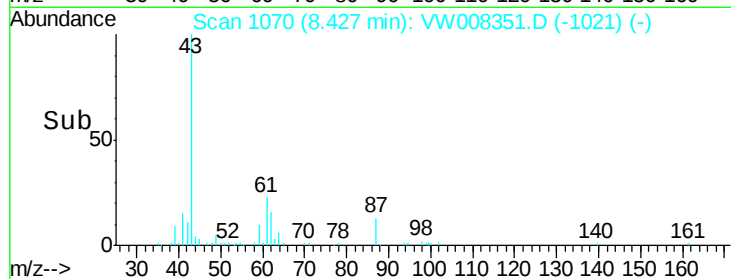
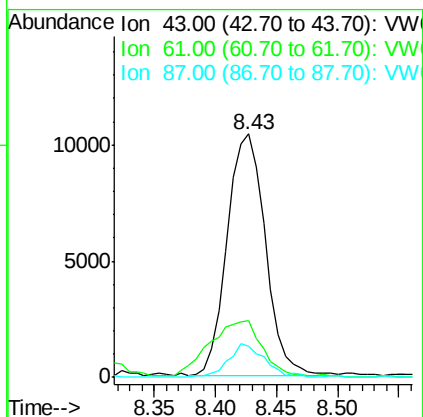
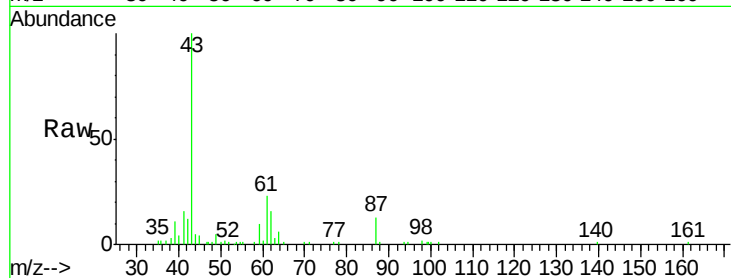
ClientSampleId :

VW0118SBS01

Tot Ion:	43	Resp:	22433
Ion	Ratio	Lower	Upper
43	100		
61	33.3	24.8	37.2
87	13.3	10.7	16.1

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#44

Trichloroethene

Concen: 18.345 ug/l

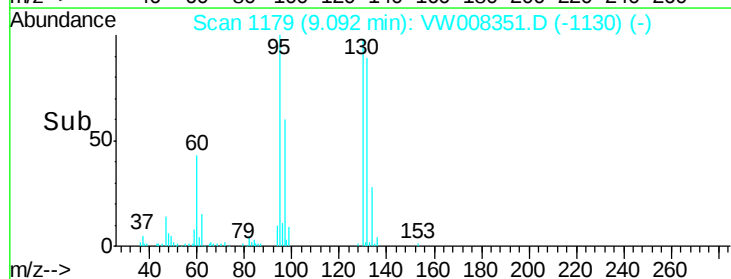
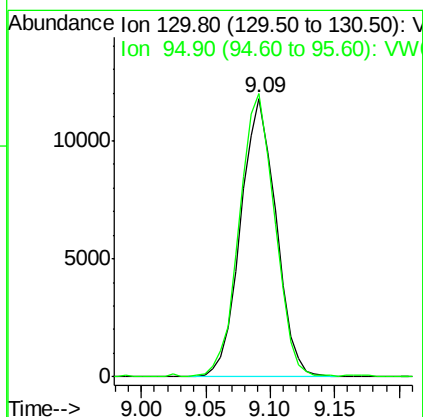
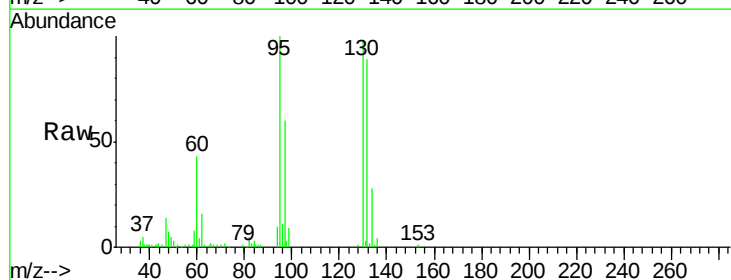
RT: 9.09 min Scan# 1179

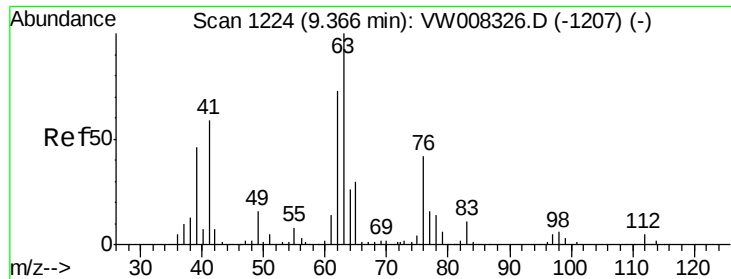
Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Tgt Ion:	130	Resp:	22361
Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	184.8





#45

1,2-Dichloropropane

Concen: 19.819 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion: 63 Resp: 21903

Ion Ratio Lower Upper

63 100

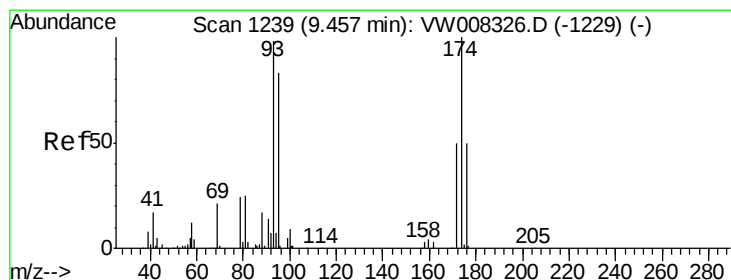
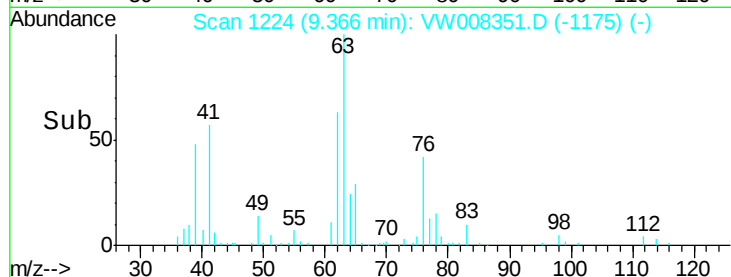
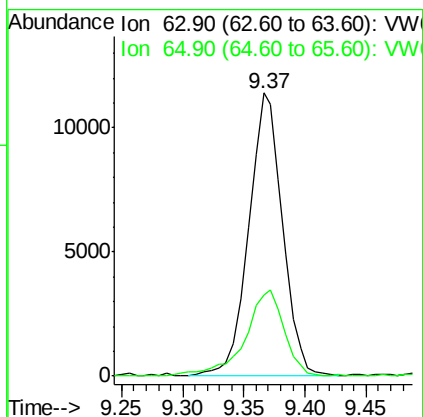
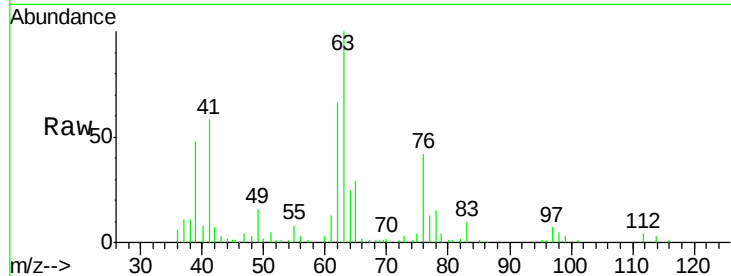
65 27.8 23.9 35.9

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#46

Dibromomethane

Concen: 19.009 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

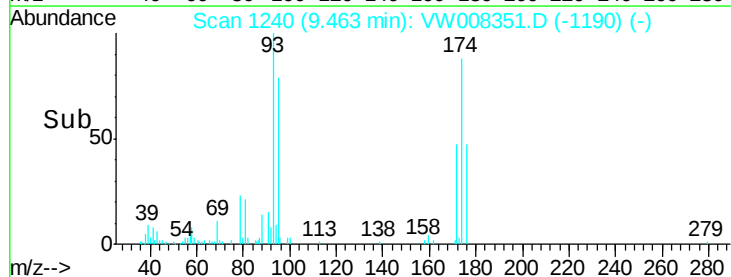
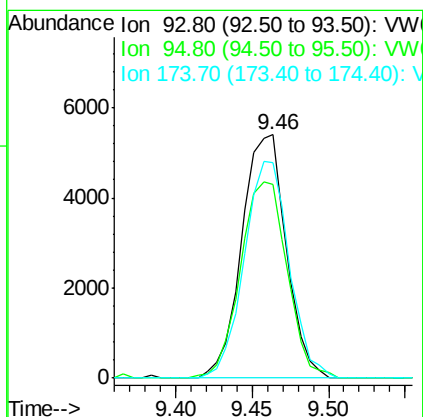
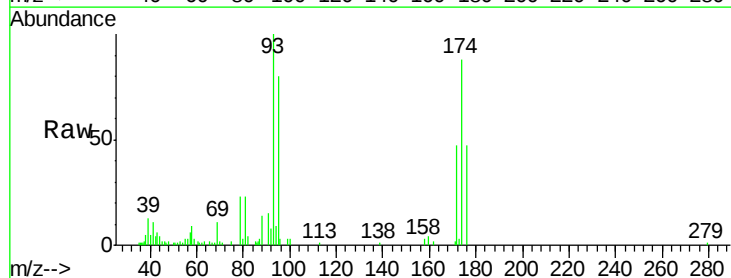
Tgt Ion: 93 Resp: 10949

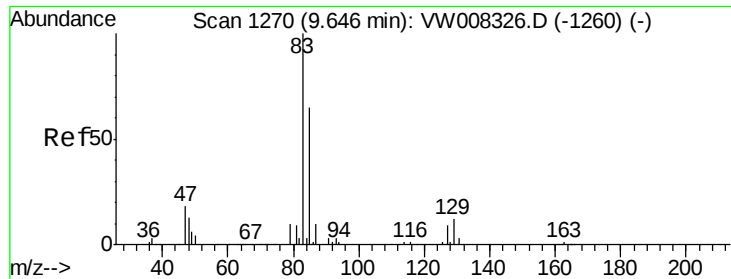
Ion Ratio Lower Upper

93 100

95 84.6 67.8 101.8

174 89.7 84.4 126.6





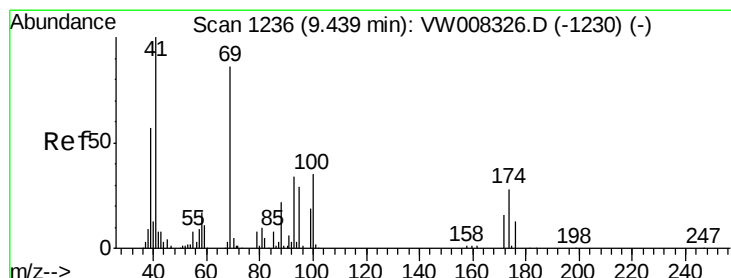
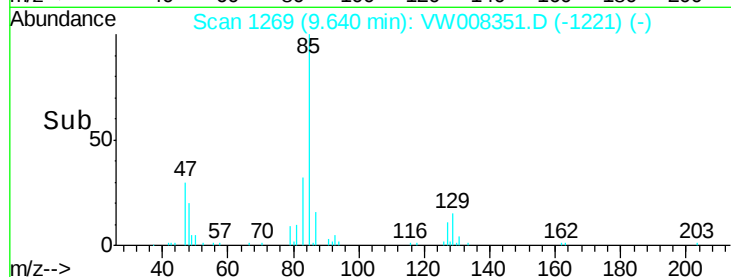
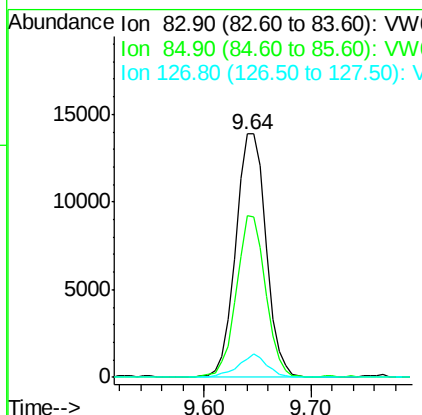
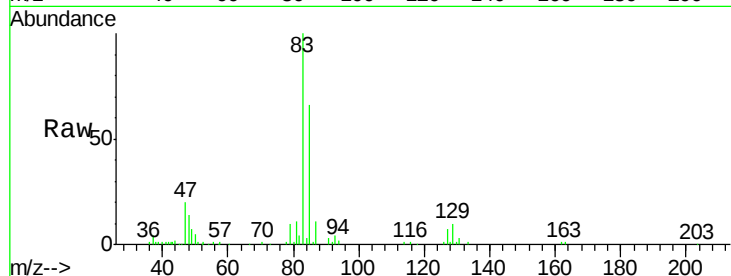
#47
Bromodichloromethane
Concen: 19.582 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampled :
VW0118SBS01

Tot Ion	83	Resp	27821
Ion Ratio	100	Lower	Upper
83	100		
85	66.5	51.6	77.4
127	7.5	6.8	10.2

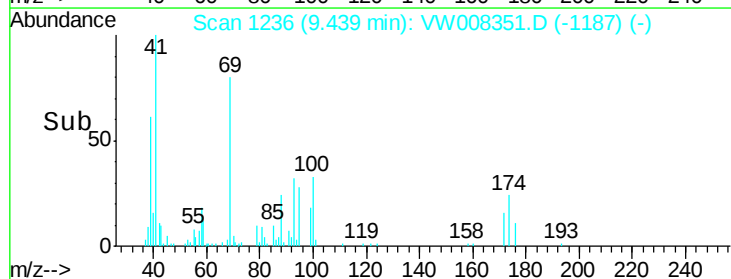
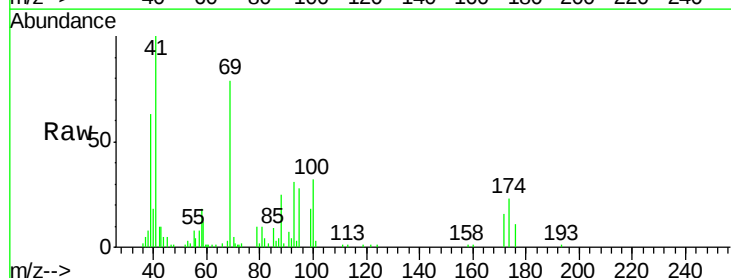
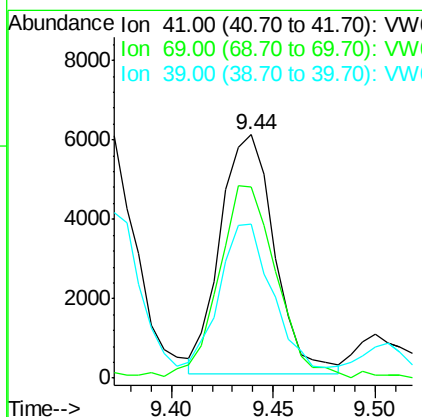
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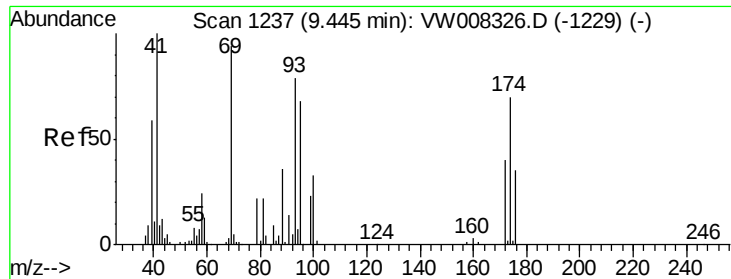
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#48
Methyl methacrylate
Concen: 19.360 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	41	Resp	11150
Ion Ratio	100	Lower	Upper
41	100		
69	85.5	68.2	102.4
39	56.7	46.0	69.0





#49

1,4-Dioxane

Concen: 392.896 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

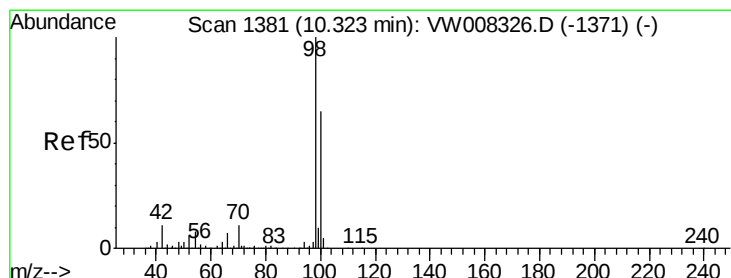
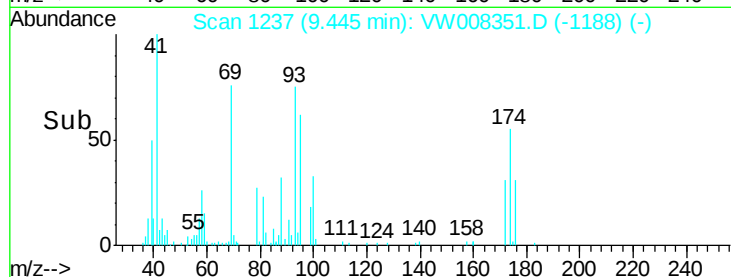
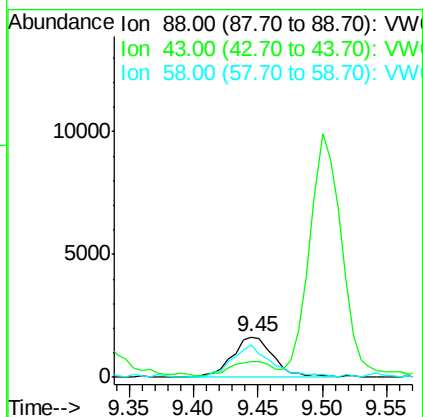
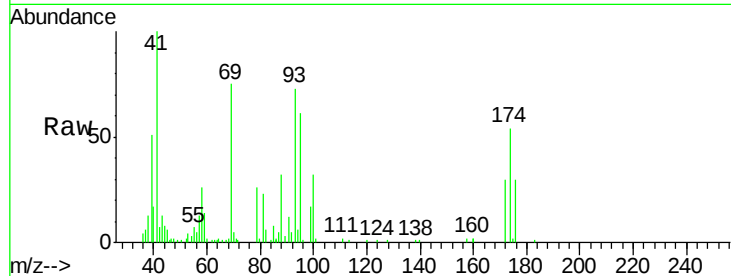
ClientSampleId :

VW0118SBS01

Tot Ion:	88	Resp:	3643
Ion	Ratio	Lower	Upper
88	100		
43	34.4	27.1	40.7
58	77.9	57.9	86.9

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#50

Toluene-d8

Concen: 55.193 ug/l

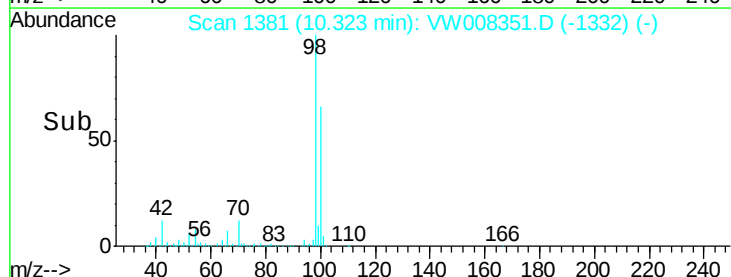
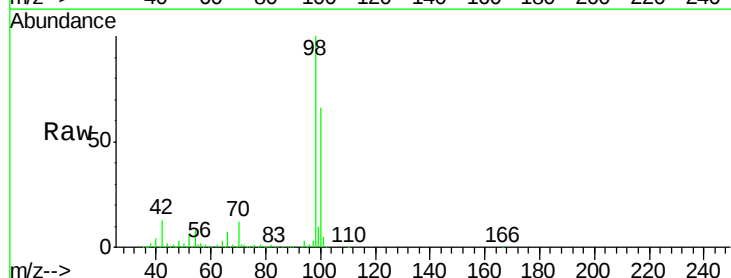
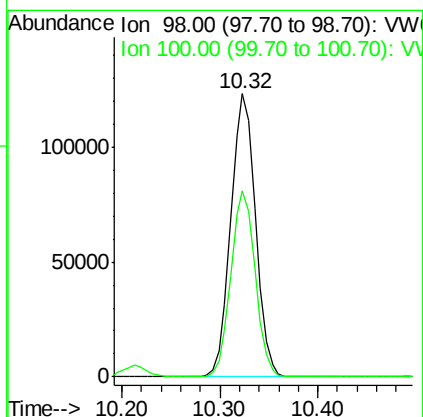
RT: 10.32 min Scan# 1381

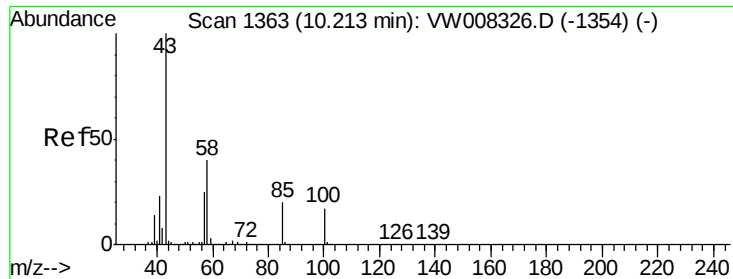
Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Tgt Ion:	98	Resp:	216069
Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 91.720 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion: 43 Resp: 56819

Ion Ratio Lower Upper

43 100

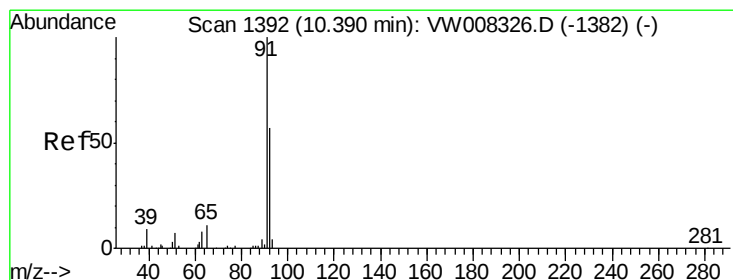
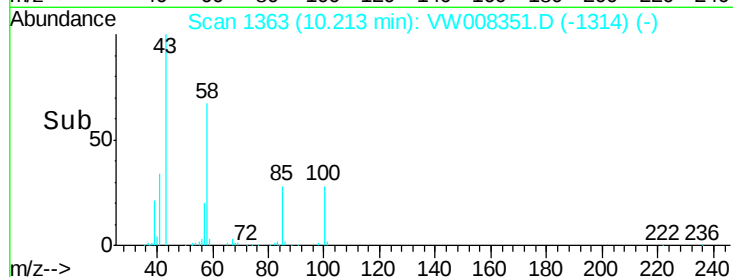
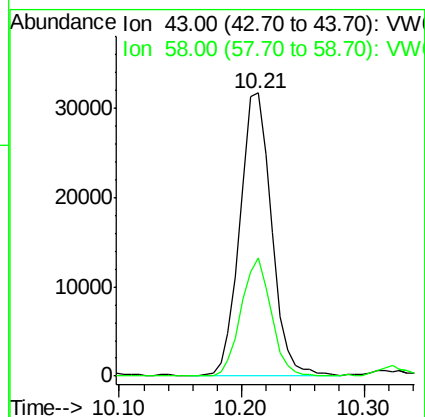
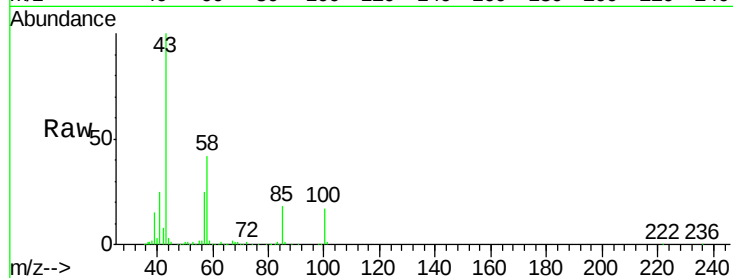
58 39.8 31.4 47.0

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#52

Toluene

Concen: 19.978 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008351.D

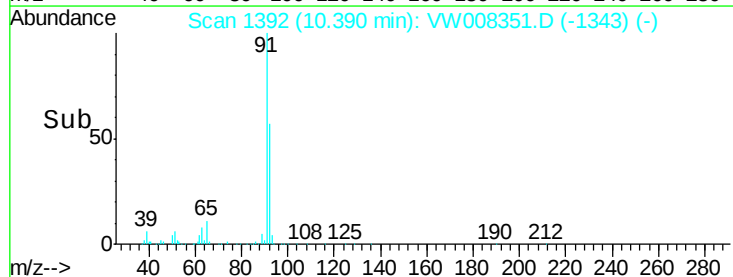
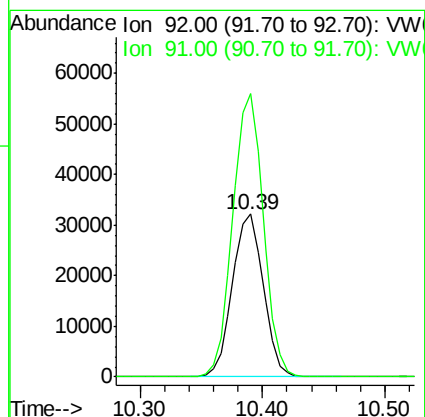
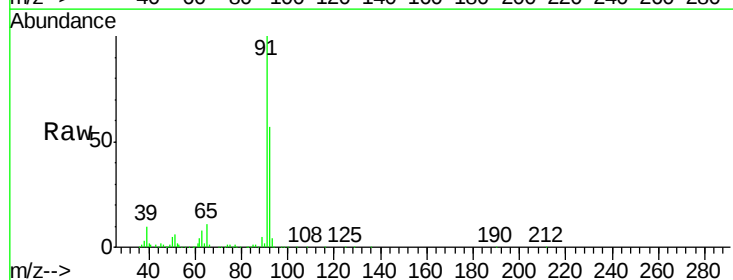
Acq: 18 Jan 2019 13:01

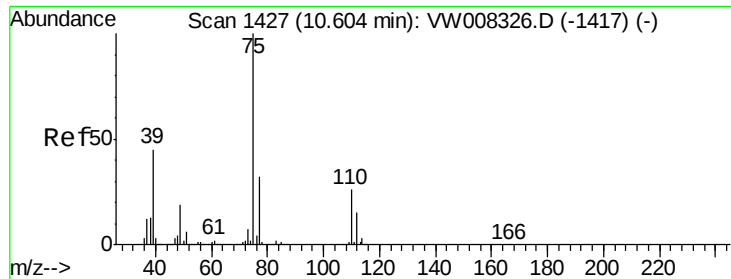
Tgt Ion: 92 Resp: 56249

Ion Ratio Lower Upper

92 100

91 171.9 140.2 210.2





#53

t-1,3-Dichloropropene

Concen: 18.984 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.01 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion: 75 Resp: 26919

Ion Ratio Lower Upper

75 100

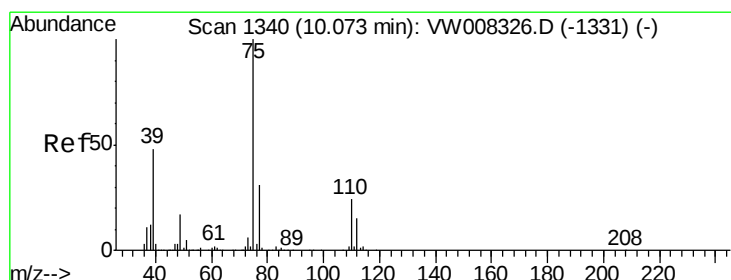
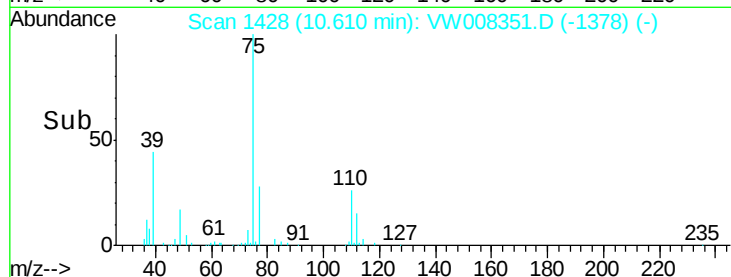
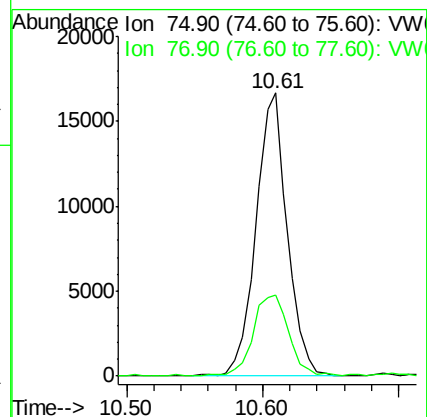
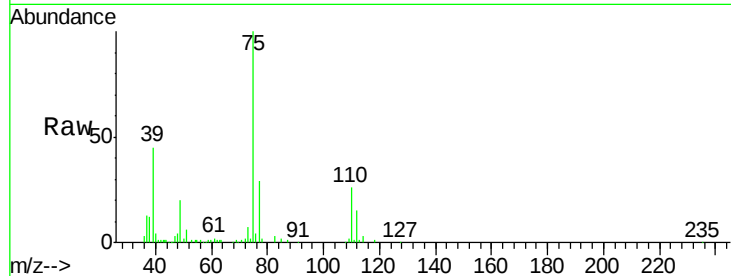
77 28.2 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 19.505 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

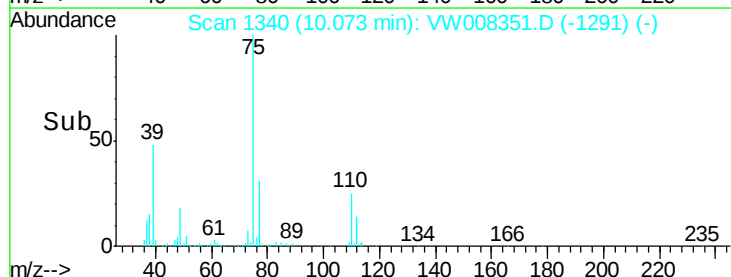
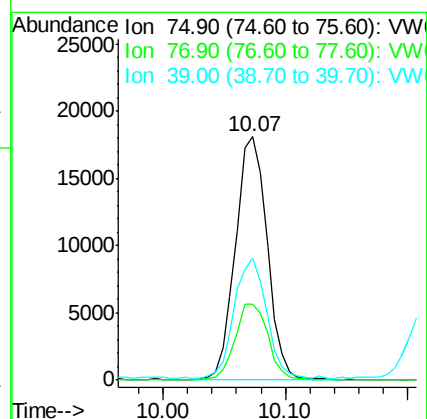
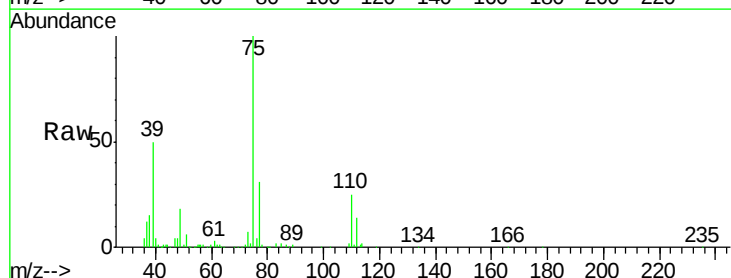
Tgt Ion: 75 Resp: 32604

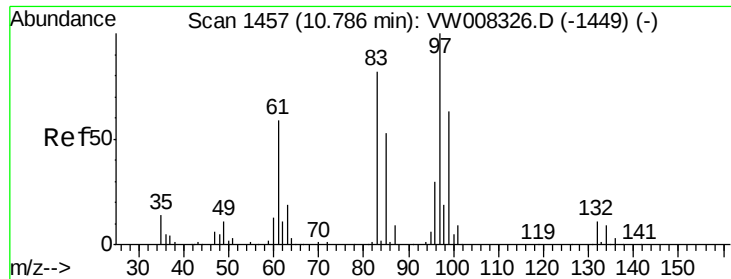
Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6

39 49.1 38.6 57.8





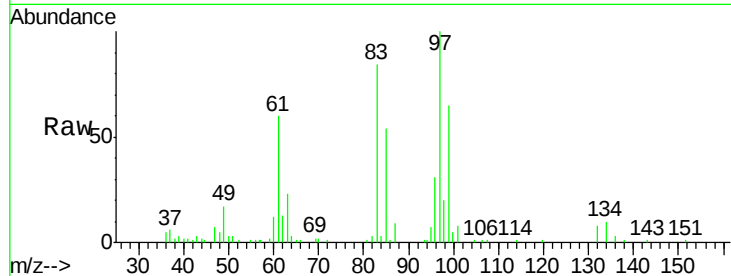
#55
 1,1,2-Trichloroethane
 Concen: 19.881 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

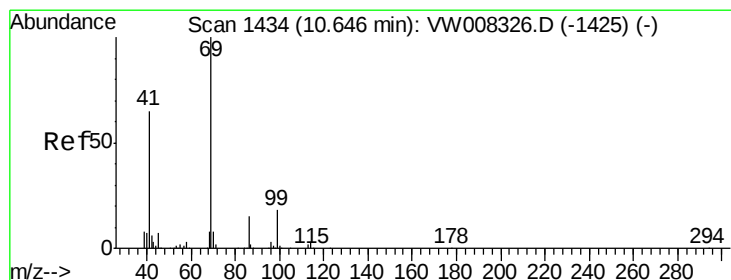
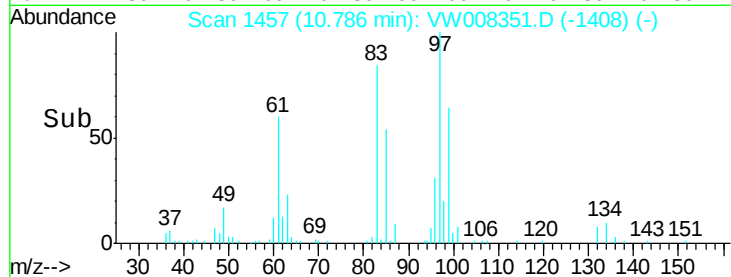
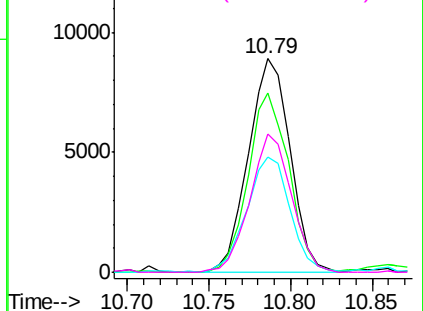
Tot Ion:	97	Resp:	15883
Ion	Ratio	Lower	Upper
97	100		
83	84.2	65.3	97.9
85	53.3	42.6	64.0
99	64.7	50.2	75.2

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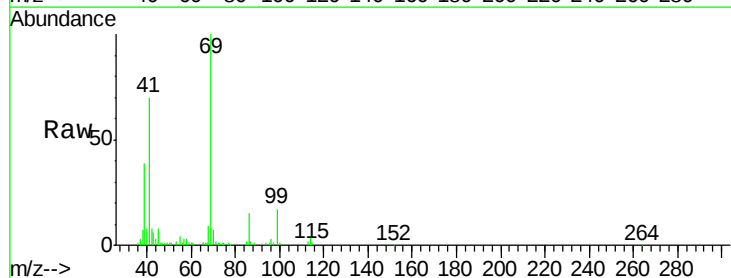


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

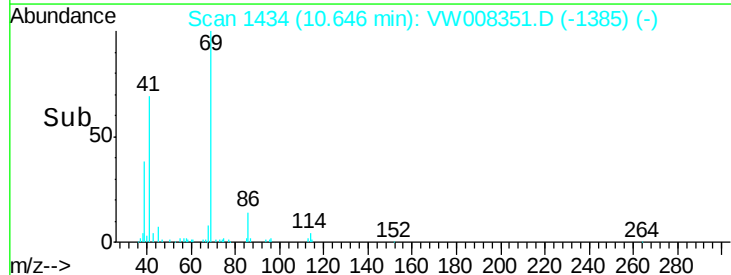
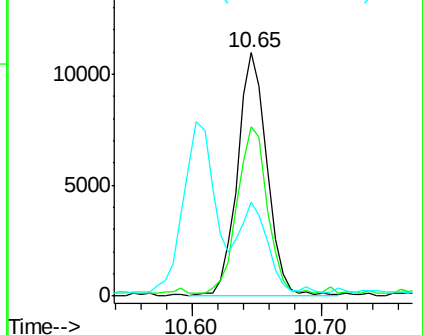


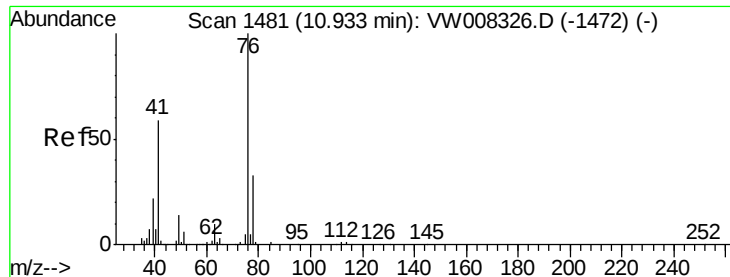
#56
 Ethyl methacrylate
 Concen: 18.654 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Tgt Ion:	69	Resp:	17502
Ion	Ratio	Lower	Upper
69	100		
41	69.4	52.9	79.3
39	34.8	28.4	42.6



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 19.819 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion: 76 Resp: 27491

Ion Ratio Lower Upper

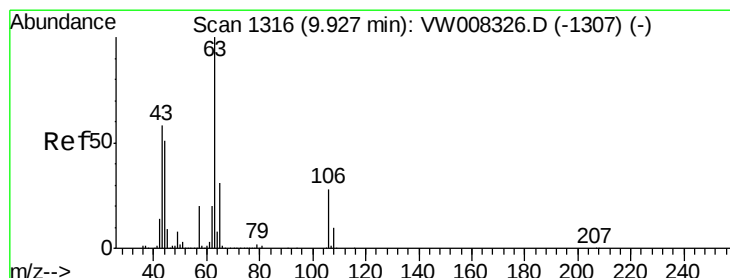
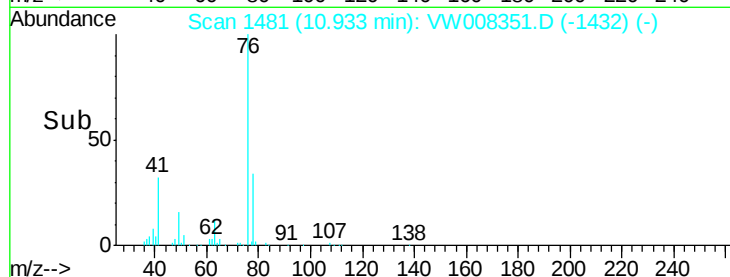
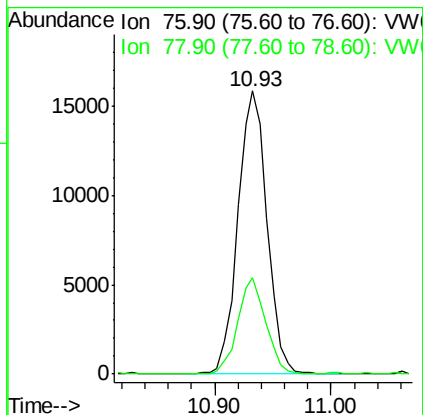
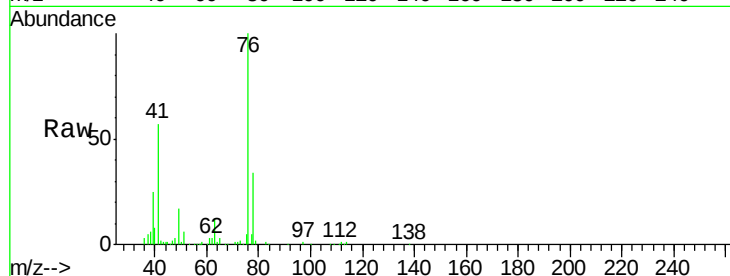
76 100

78 33.1 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 100.299 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW008351.D

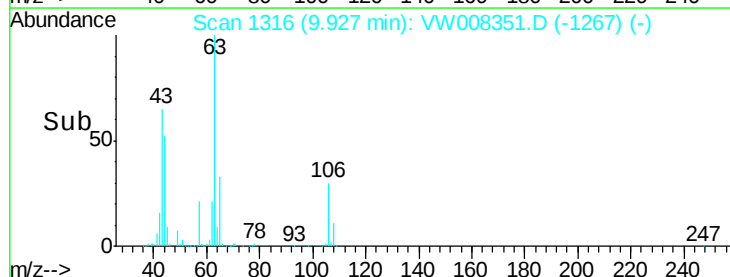
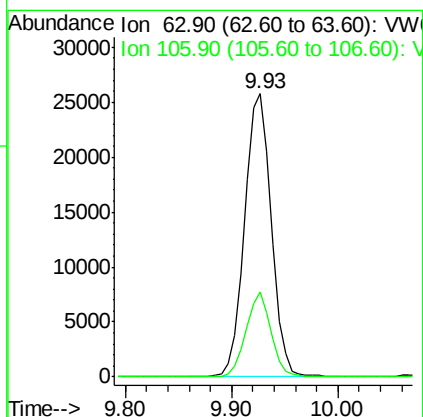
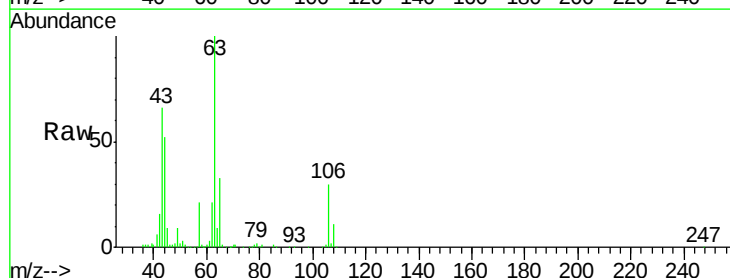
Acq: 18 Jan 2019 13:01

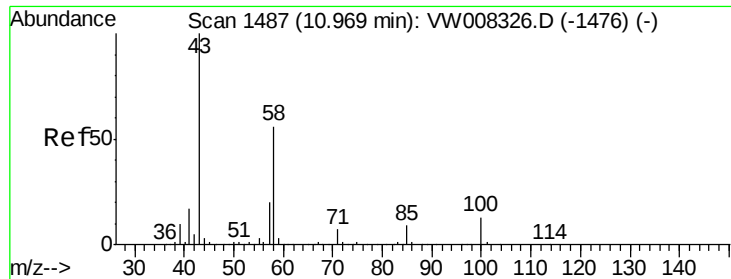
Tgt Ion: 63 Resp: 45391

Ion Ratio Lower Upper

63 100

106 27.9 22.9 34.3





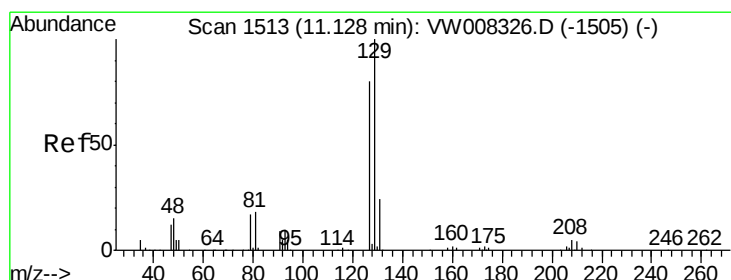
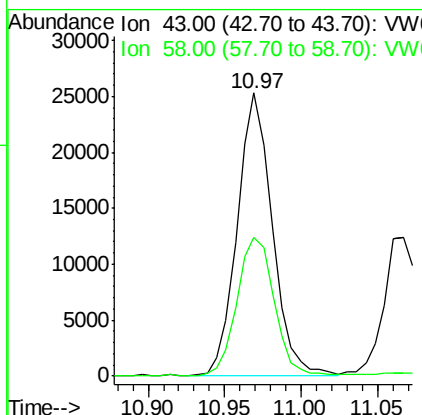
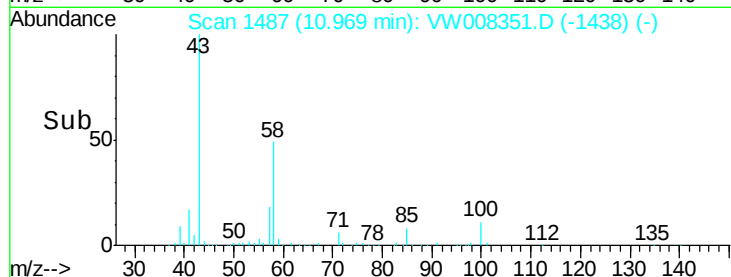
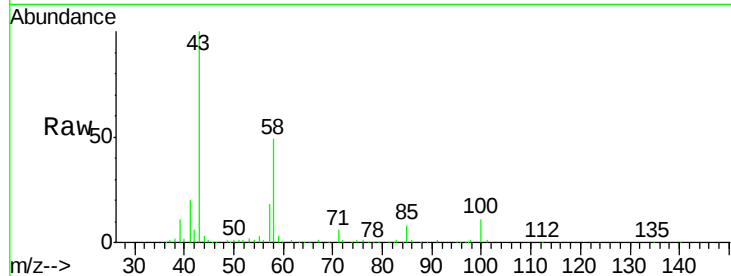
#59
2-Hexanone
Concen: 92.077 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion: 43 Resp: 39966
Ion Ratio Lower Upper
43 100
58 53.4 27.5 82.5

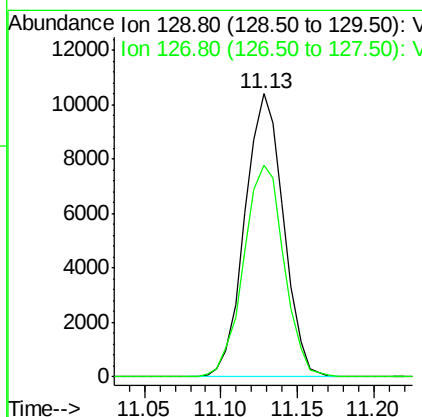
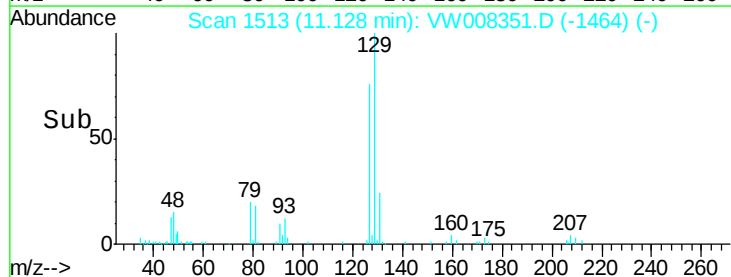
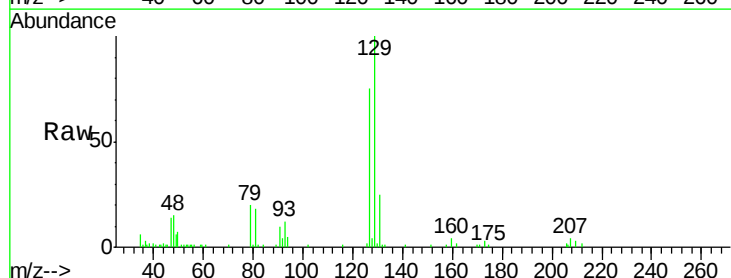
Manual Integrations
APPROVED

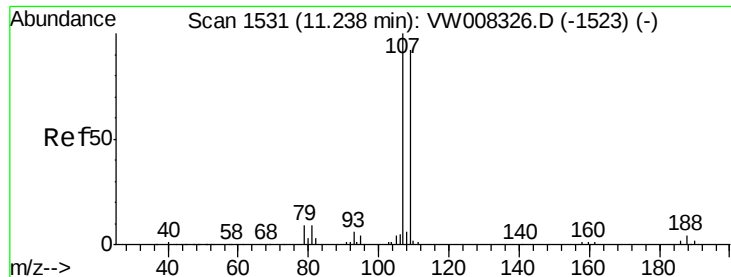
MMDadoda
1/21/2019 11:09:45 AM



#60
Dibromochloromethane
Concen: 19.174 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion: 129 Resp: 18281
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.773 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion:107 Resp: 14523

Ion Ratio Lower Upper

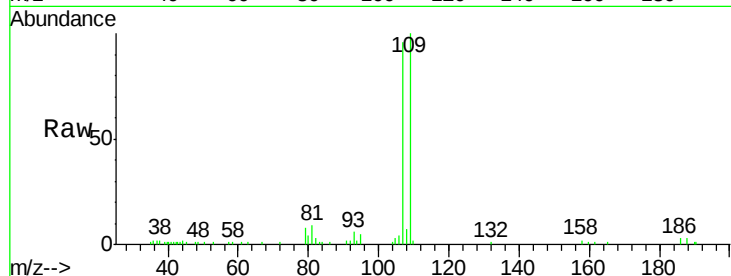
107 100

109 94.9 74.0 111.0

Manual Integrations
APPROVED

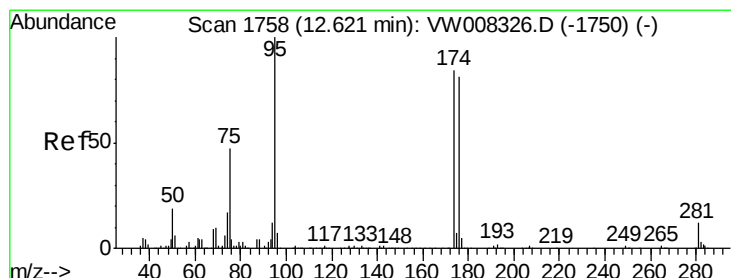
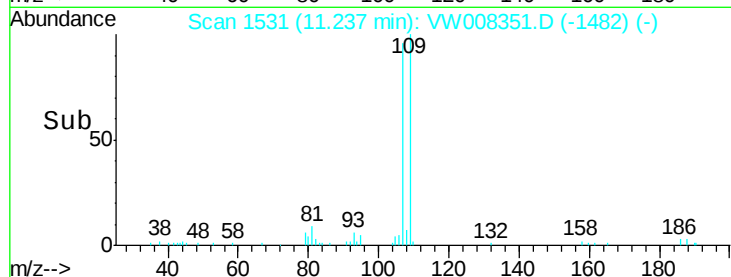
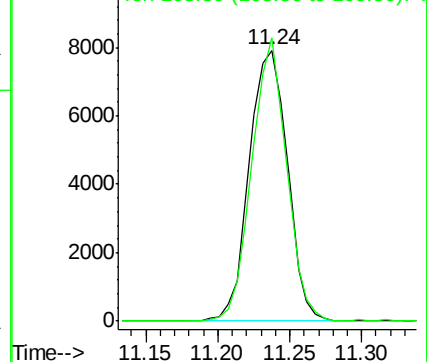
MMDadoda

1/21/2019 11:09:45 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.481 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

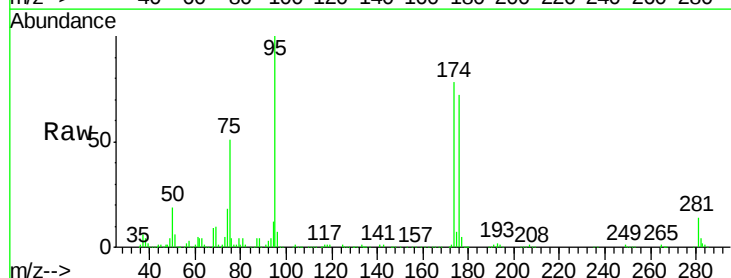
Tgt Ion: 95 Resp: 75090

Ion Ratio Lower Upper

95 100

174 76.5 0.0 166.0

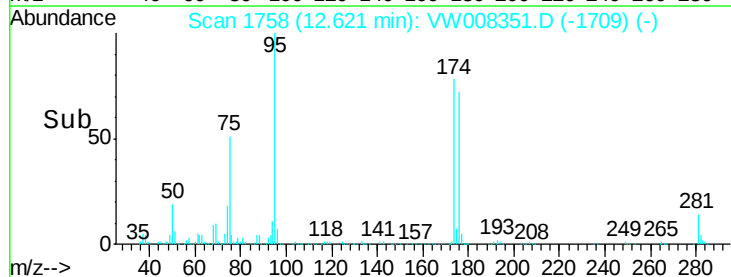
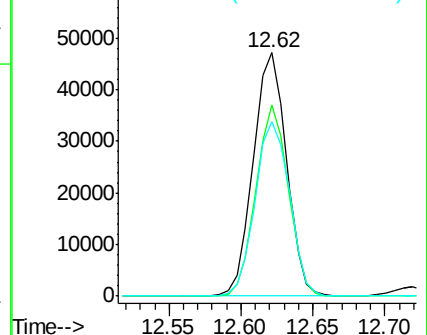
176 74.2 0.0 160.0

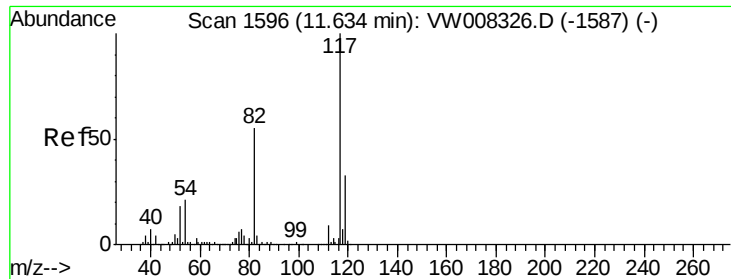


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





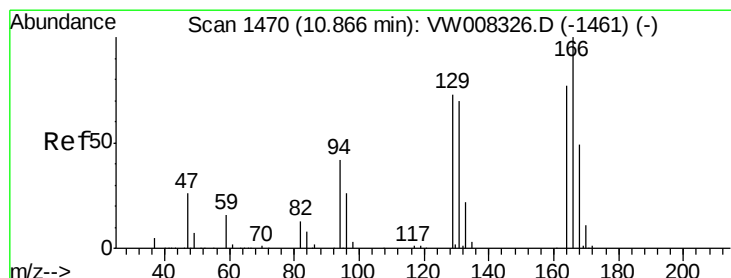
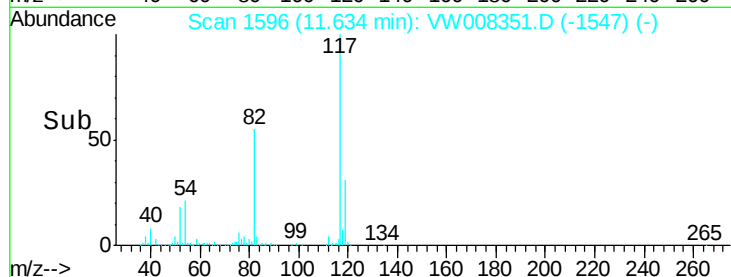
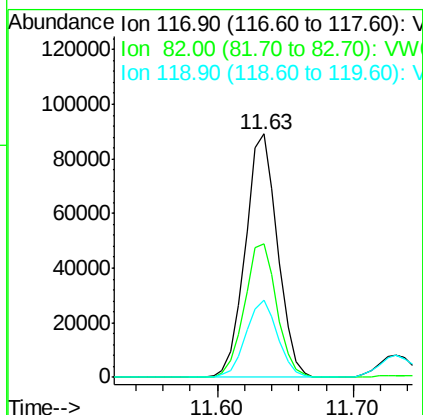
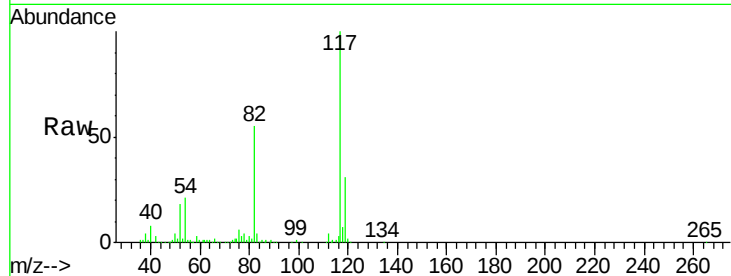
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	44.3	66.5
119	31.5	26.3	39.5

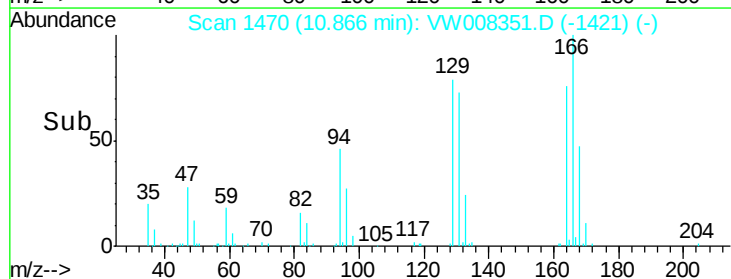
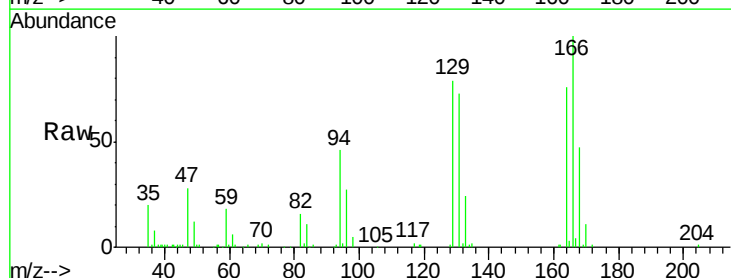
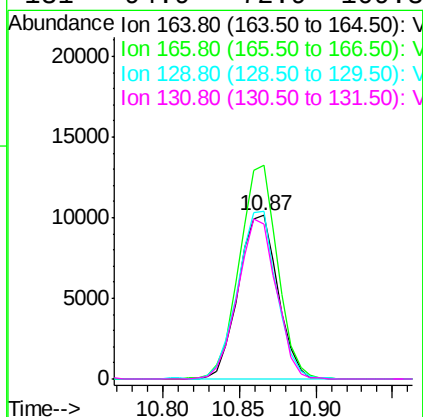
Manual Integrations
APPROVED

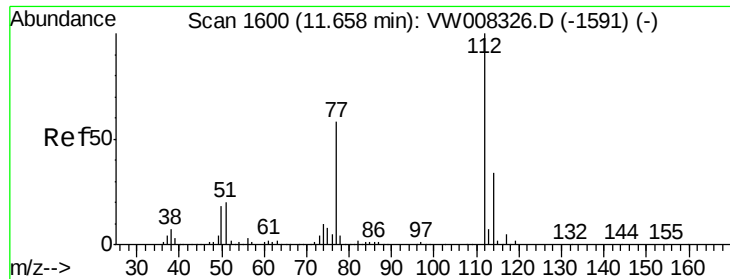
MMDadoda
1/21/2019 11:09:45 AM



#64
Tetrachloroethene
Concen: 17.552 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.8	103.4	155.2
129	102.8	75.0	112.6
131	94.9	72.9	109.3





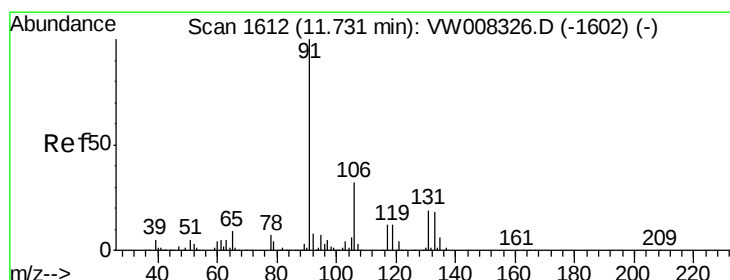
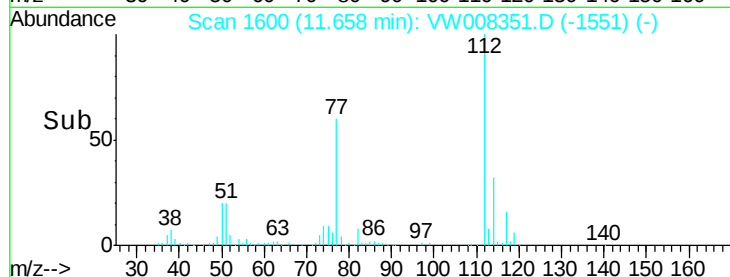
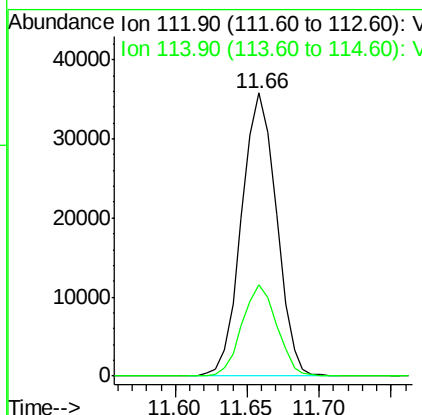
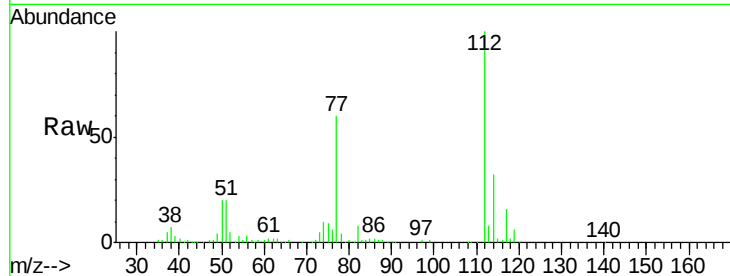
#65
Chlorobenzene
Concen: 18.713 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBSD01

Tot Ion:112 Resp: 60347
Ion Ratio Lower Upper
112 100
114 32.5 26.9 40.3

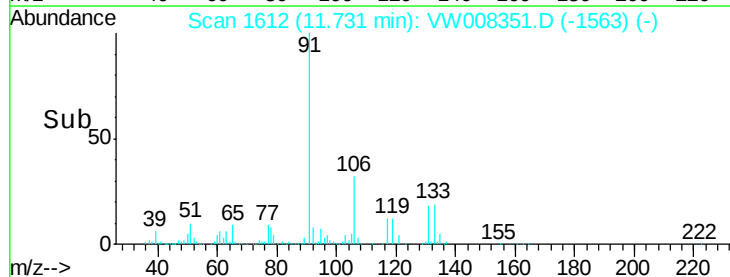
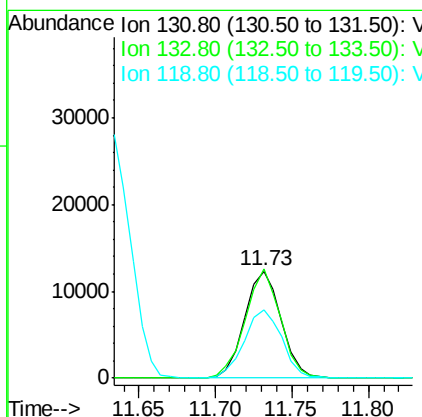
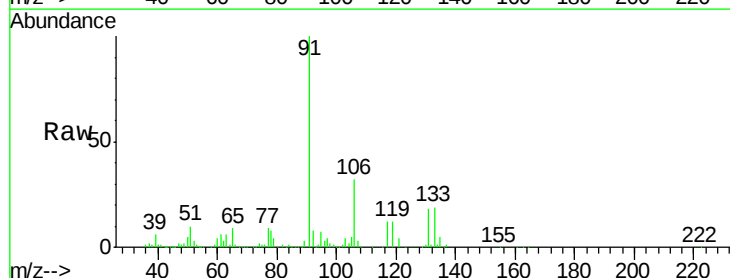
Manual Integrations
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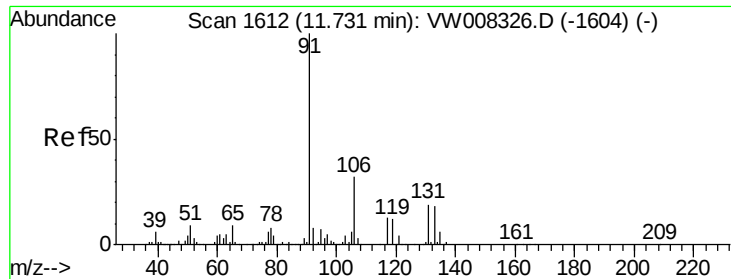
MMDadoda
1/21/2019 11:09:45 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.327 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion:131 Resp: 20341
Ion Ratio Lower Upper
131 100
133 98.6 48.2 144.6
119 66.6 31.6 94.7





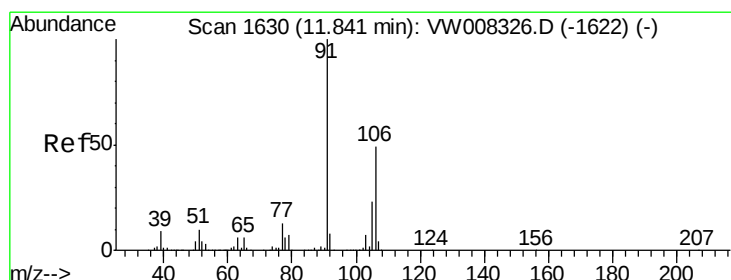
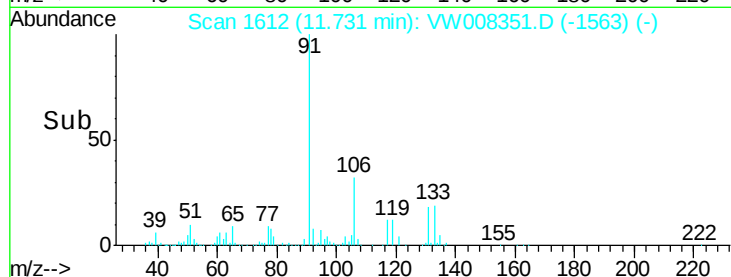
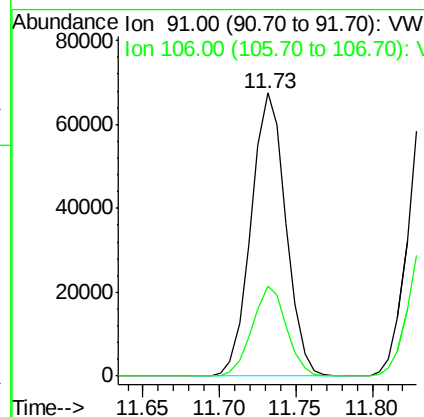
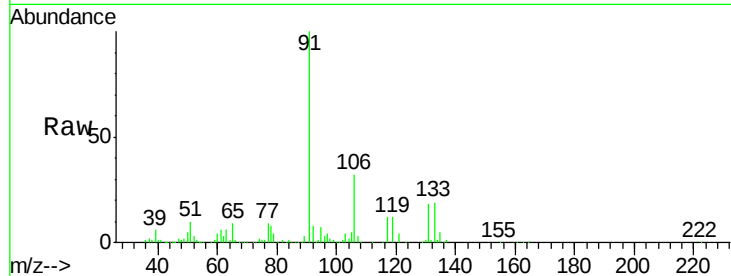
#67
Ethyl Benzene
Concen: 19.074 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion: 91 Resp: 106802
Ion Ratio Lower Upper
91 100
106 32.0 25.4 38.2

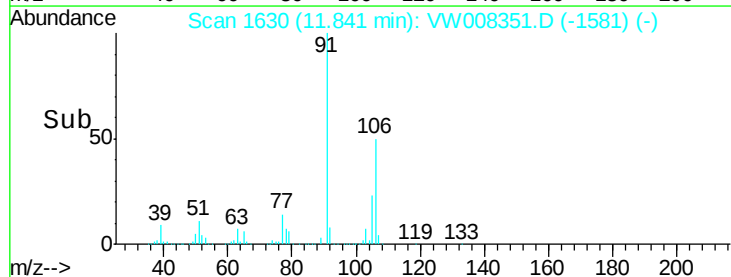
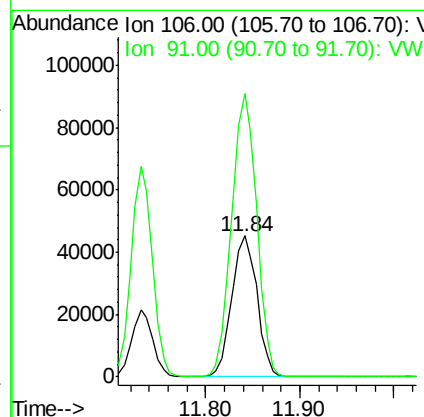
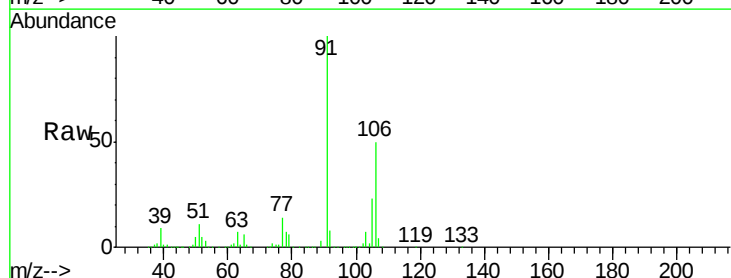
Manual Integrations
APPROVED

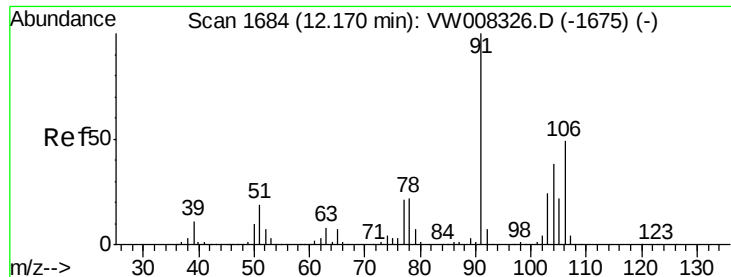
MMDadoda
1/21/2019 11:09:45 AM



#68
m/p-Xylenes
Concen: 38.798 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion: 106 Resp: 84323
Ion Ratio Lower Upper
106 100
91 199.8 158.4 237.6





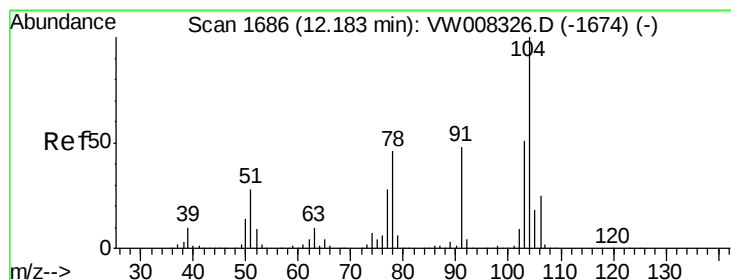
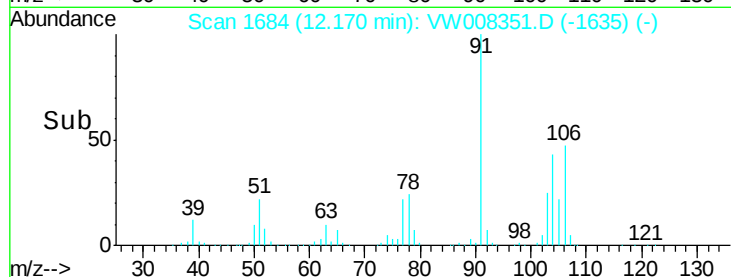
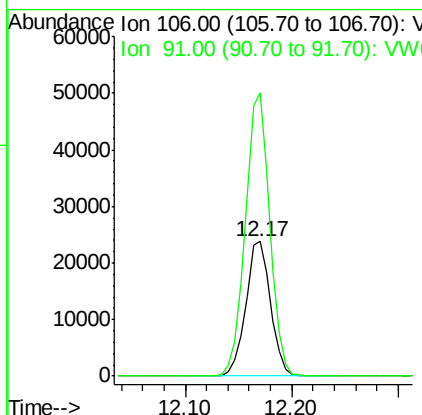
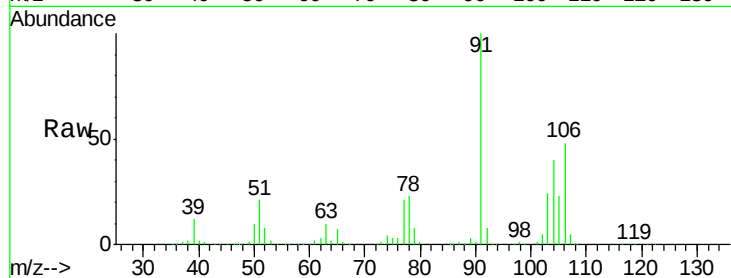
#69
o-Xylene
Concen: 19.084 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion:106 Resp: 38750
Ion Ratio Lower Upper
106 100
91 207.8 104.1 312.3

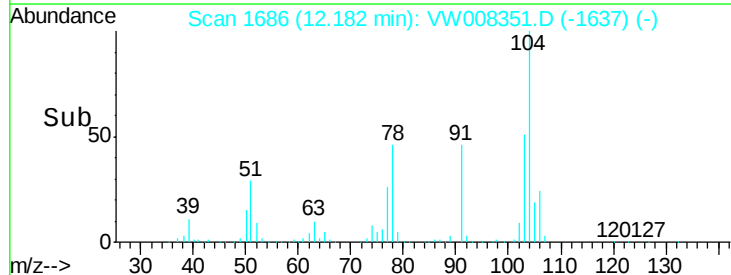
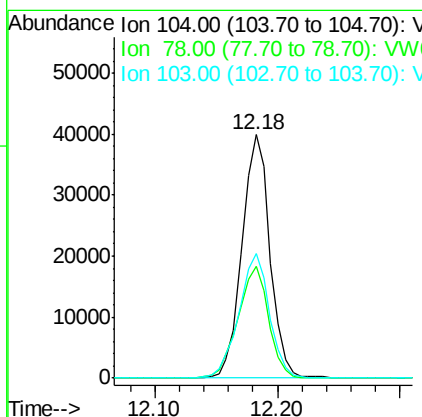
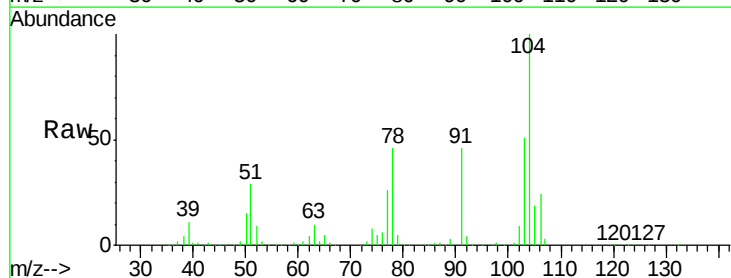
Manual Integrations
APPROVED

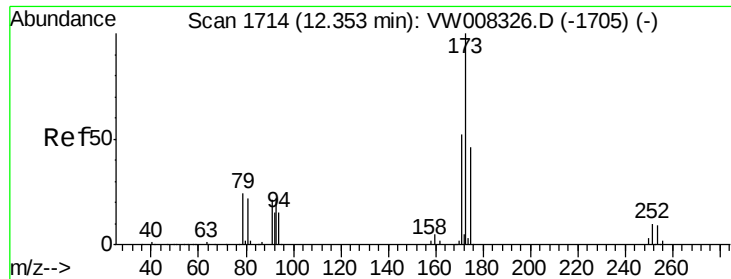
MMDadoda
1/21/2019 11:09:45 AM



#70
Styrene
Concen: 19.341 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion:104 Resp: 63080
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.6
103 55.7 44.0 66.0





#71

Bromoform

Concen: 17.791 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

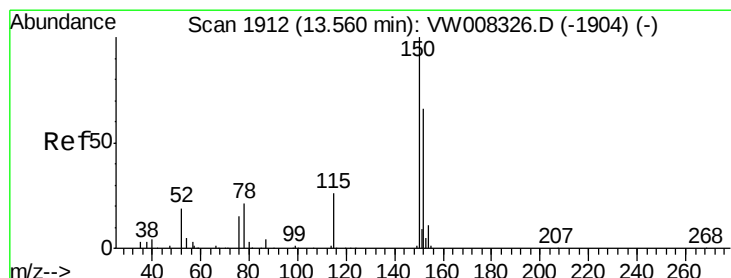
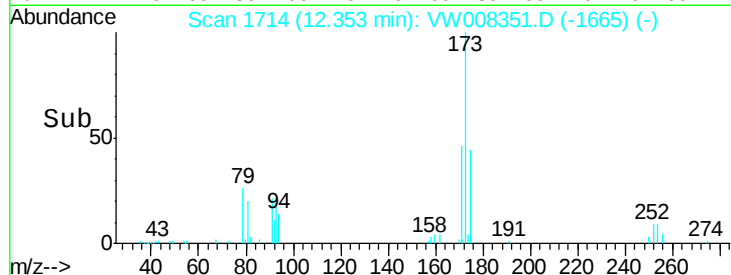
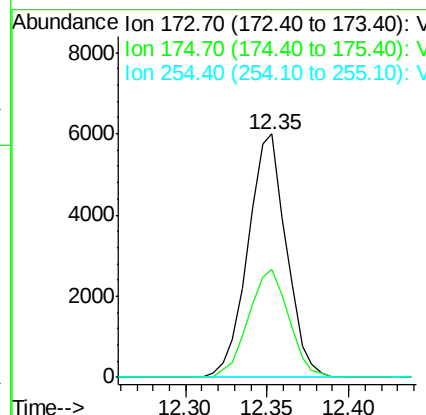
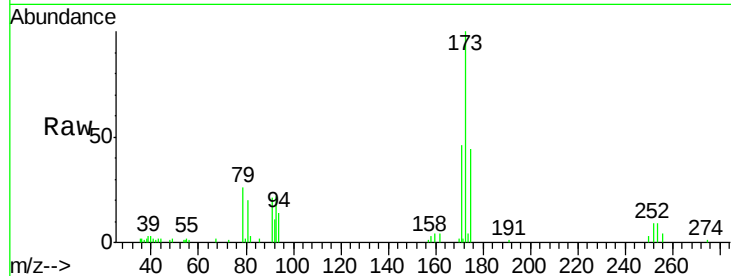
ClientSampleId :

VW0118SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.5	23.6	70.8
254	0.0	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
1/21/2019 11:09:45 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

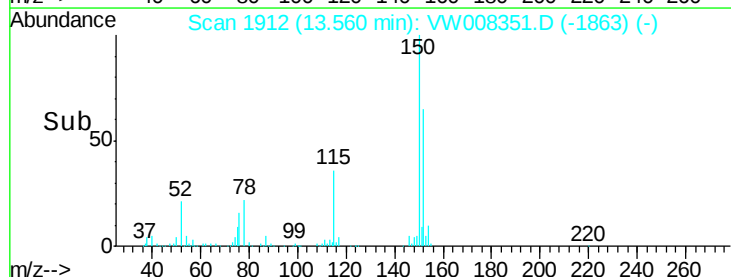
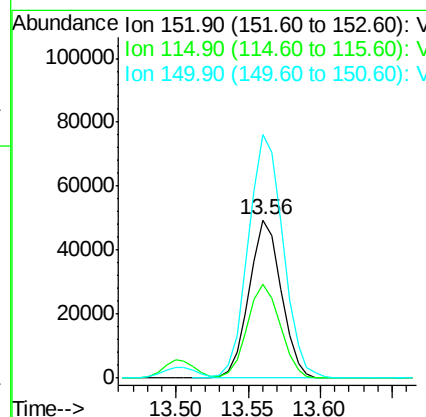
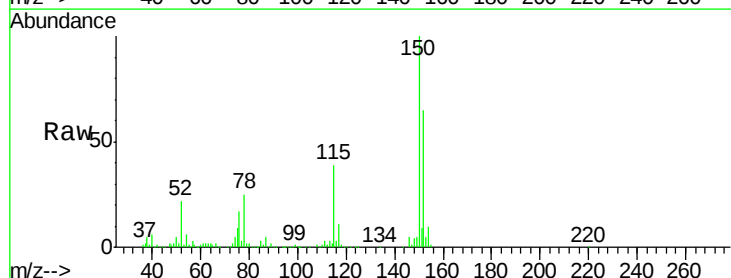
RT: 13.56 min Scan# 1912

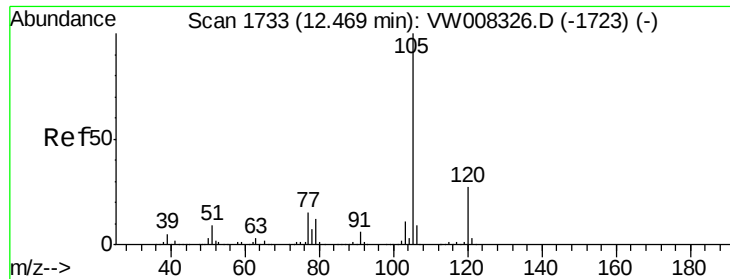
Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.0	28.8	86.4
150	166.4	0.0	351.4





#73

Isopropylbenzene

Concen: 19.426 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

ClientSampleId :

VW0118SBS01

Tot Ion: 105 Resp: 107856

Ion Ratio Lower Upper

105 100

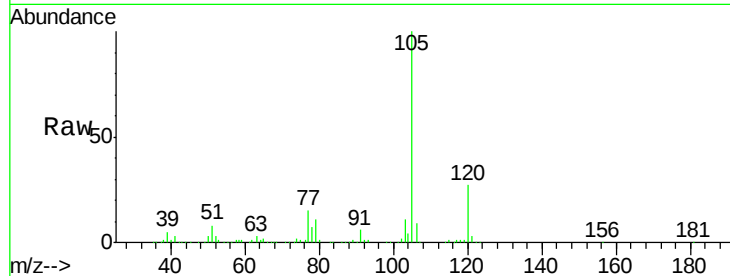
120 26.3 13.6 40.8

Manual Integrations

APPROVED

MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

80000

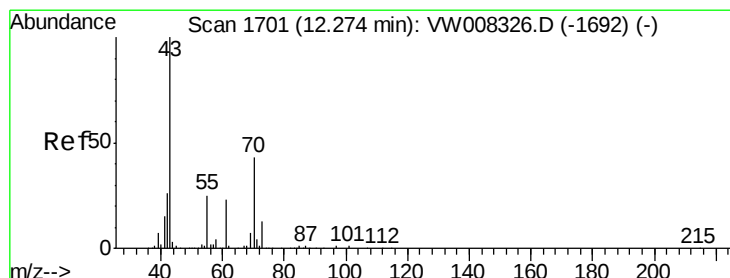
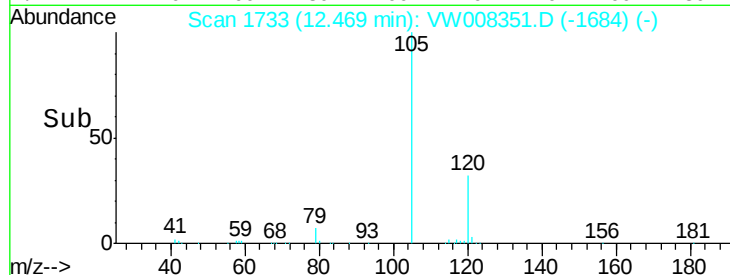
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 18.309 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Tgt Ion: 43 Resp: 21785

Ion Ratio Lower Upper

43 100

70 41.5 34.6 52.0

55 25.5 20.0 30.0

61 23.6 19.6 29.4

Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

20000

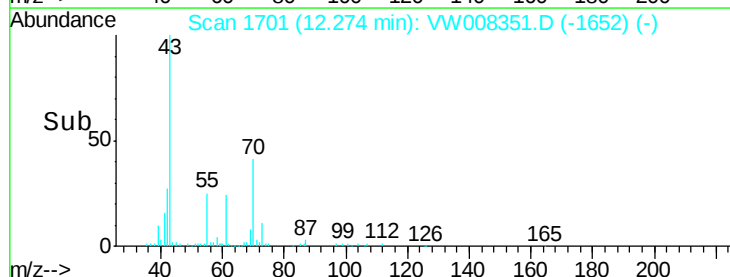
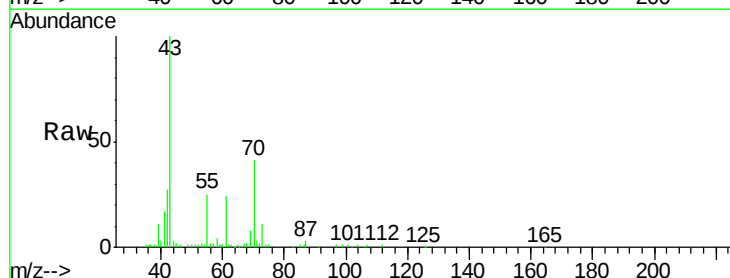
15000

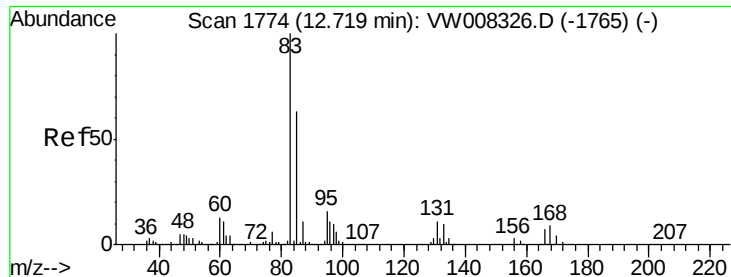
10000

5000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.320 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

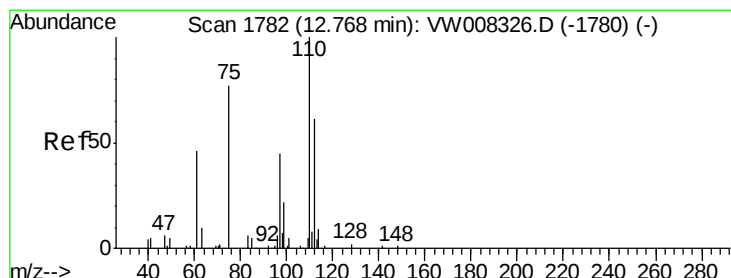
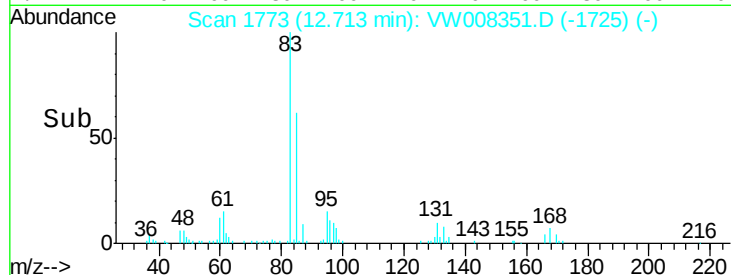
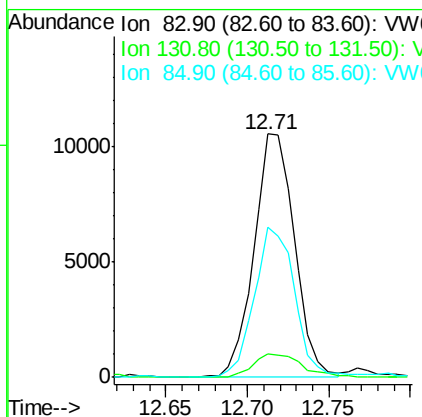
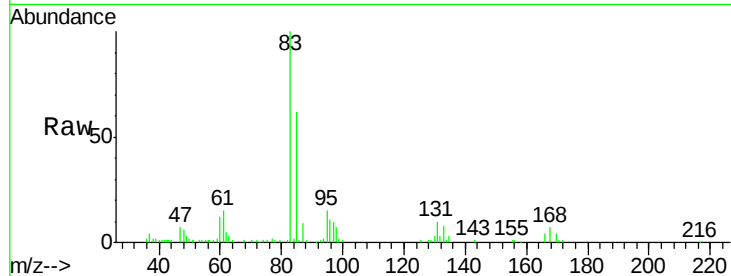
ClientSampleId :

VW0118SBS01

Tot Ion:	83	Resp:	18246
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.5	16.5
85	61.9	31.6	94.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.290 ug/l m

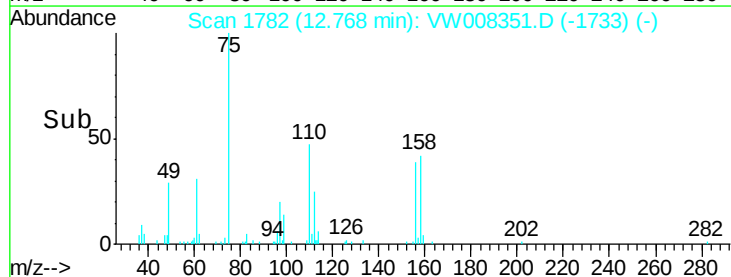
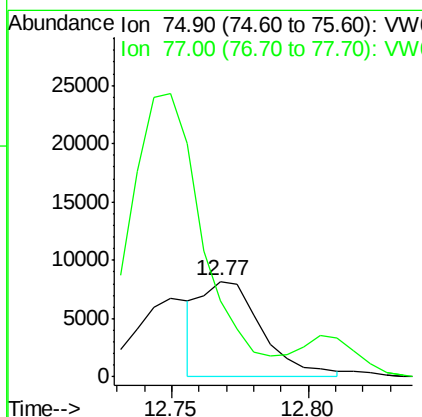
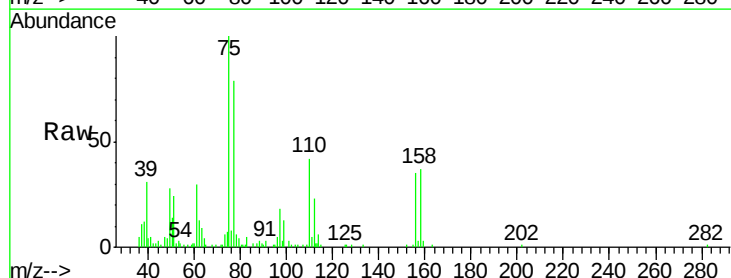
RT: 12.77 min Scan# 1782

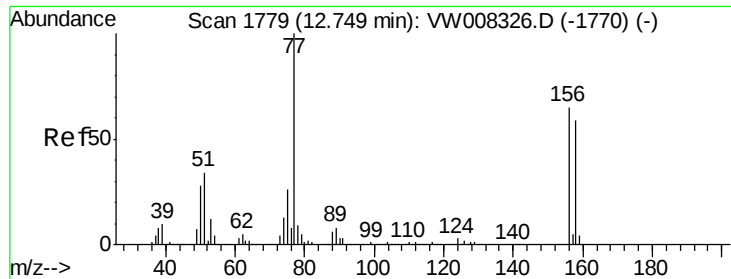
Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Tgt Ion:	75	Resp:	12692
Ion Ratio	Lower	Upper	
75	100		
77	360.7	175.3	526.1





#77

Bromobenzene

Concen: 17.976 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

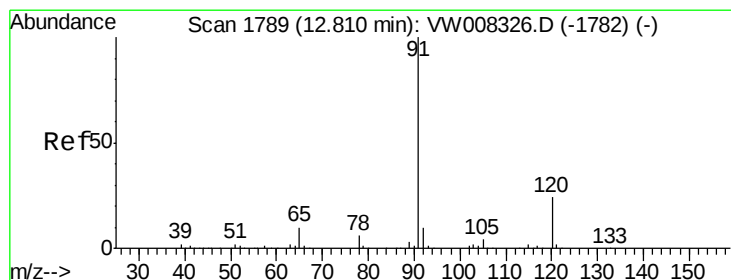
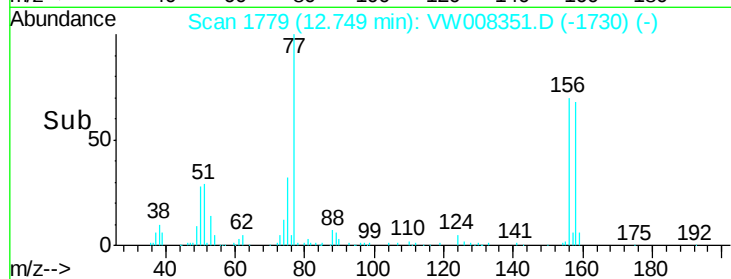
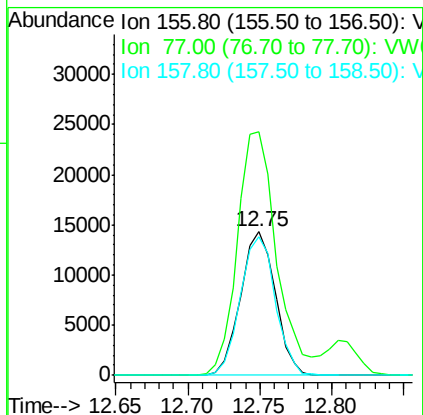
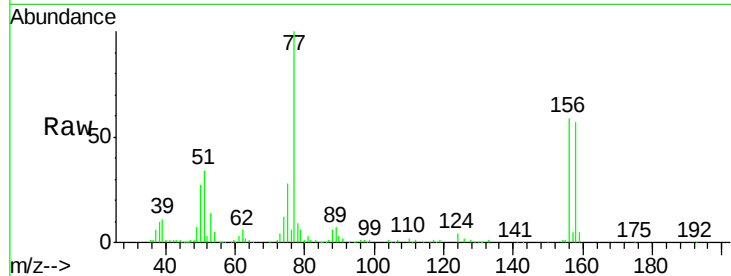
ClientSampleId :

VW0118SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	191.0	88.3	264.9	
158	97.0	47.6	142.8	

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#78

n-propylbenzene

Concen: 19.909 ug/l

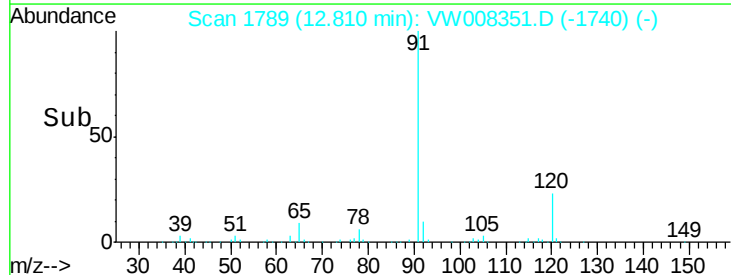
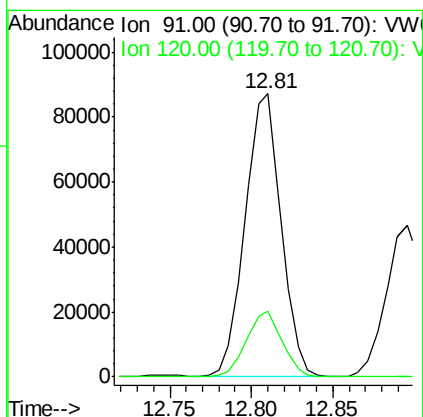
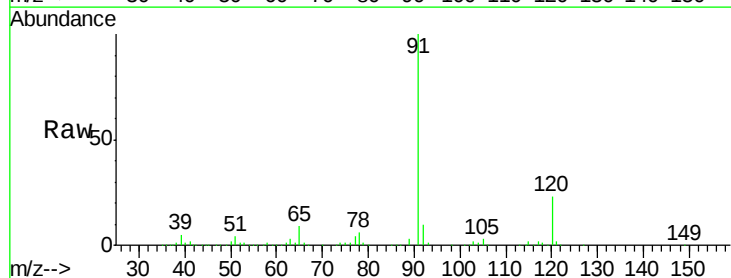
RT: 12.81 min Scan# 1789

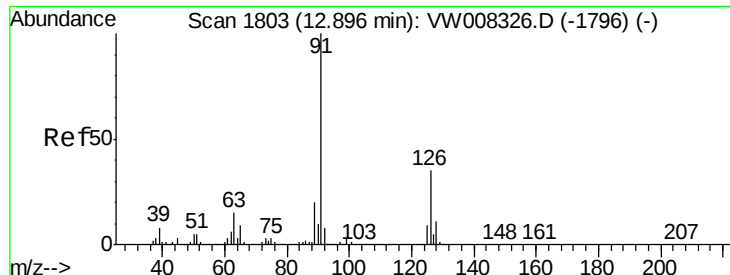
Delta R.T. -0.00 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	23.1	11.9	35.7	





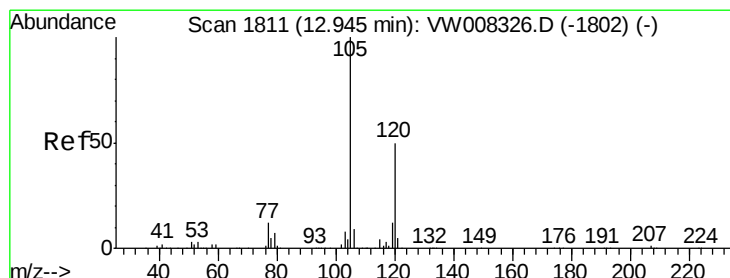
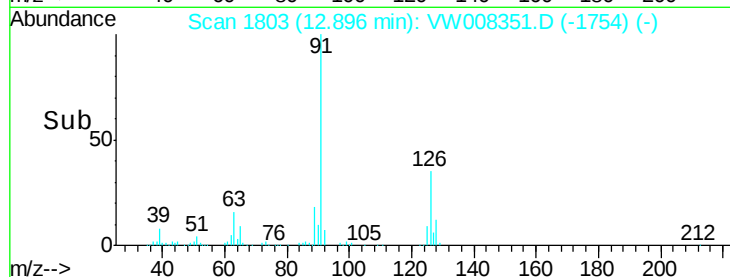
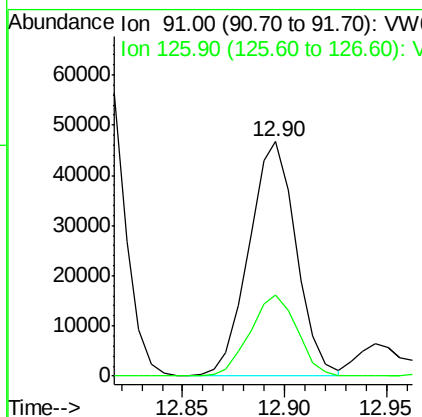
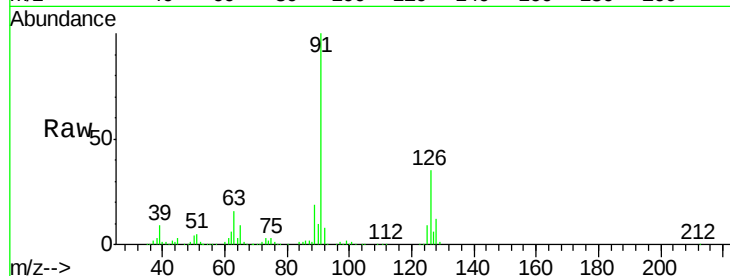
#79
 2-Chlorotoluene
 Concen: 19.529 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

Tot Ion: 91 Resp: 74986
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.5 52.6

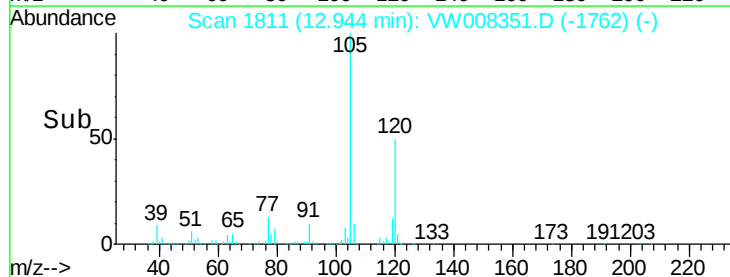
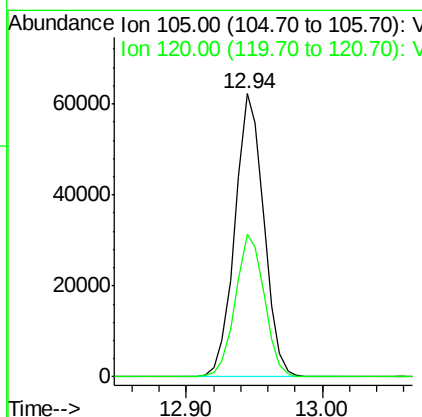
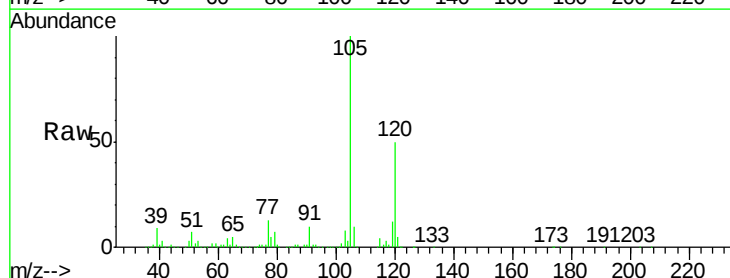
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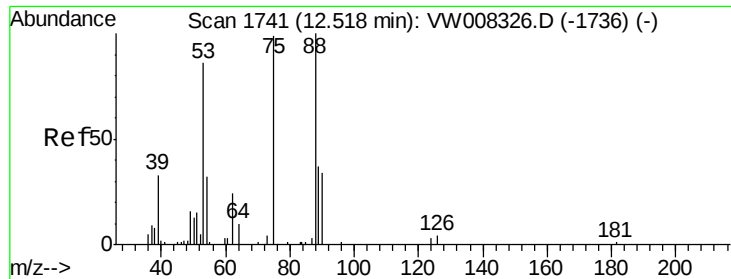
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.865 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Tgt Ion: 105 Resp: 92036
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.6 76.8





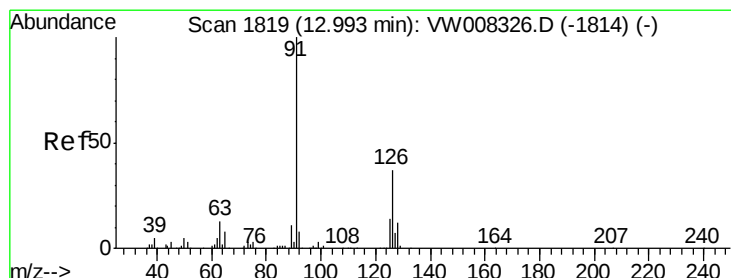
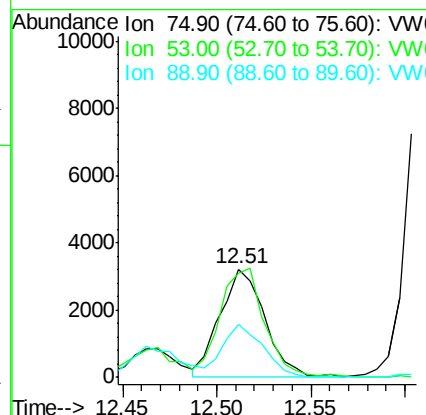
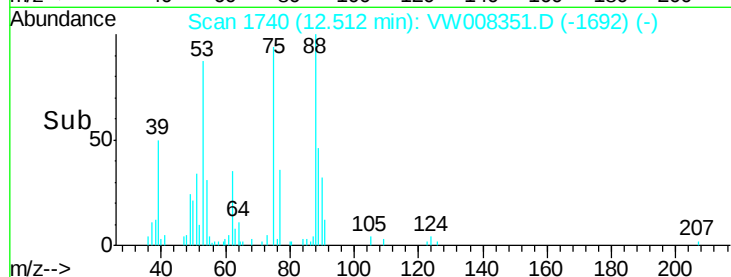
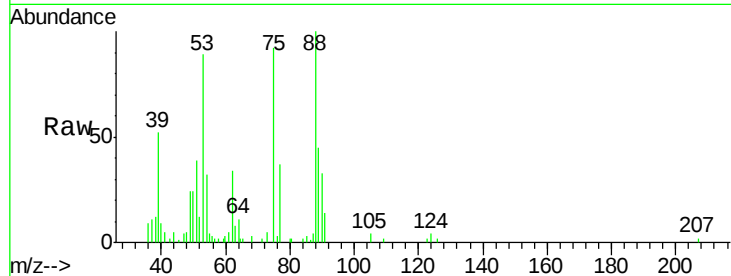
#81
trans-1,4-Dichloro-2-butene
Concen: 18.399 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.01 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.7	76.2	114.4
89	43.9	36.7	55.1

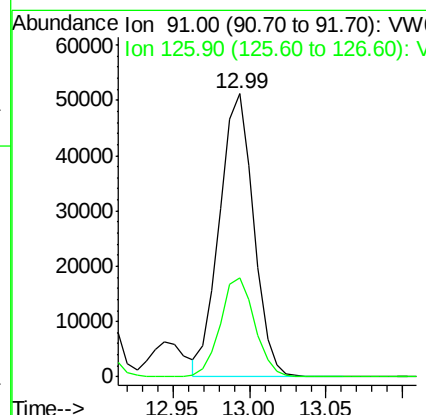
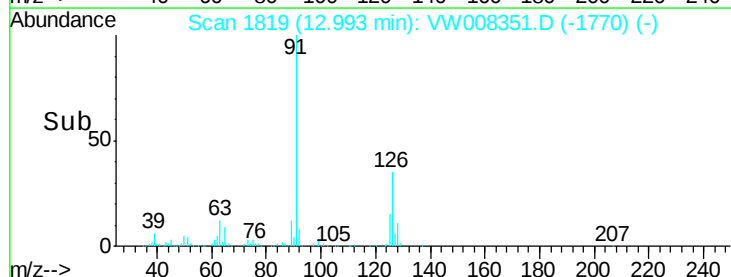
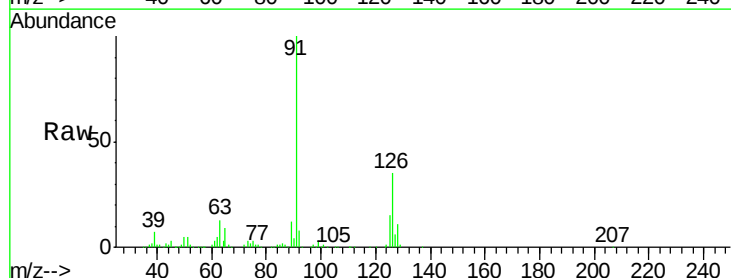
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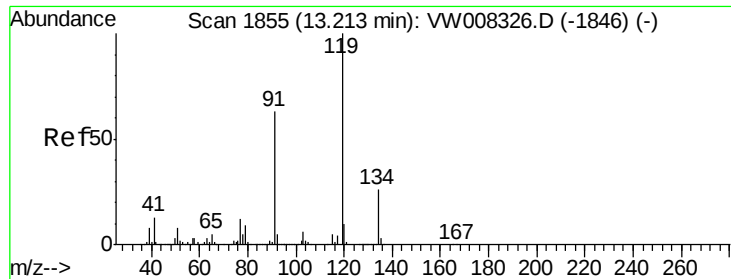
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#82
4-Chlorotoluene
Concen: 19.883 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.8	53.3





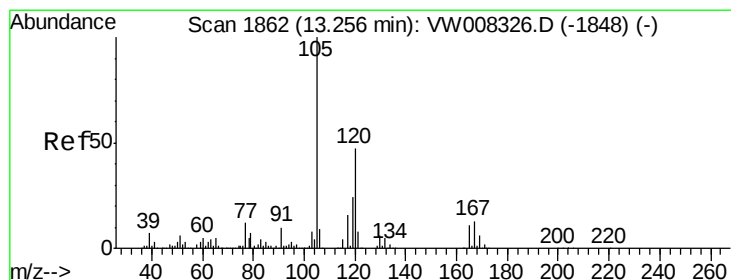
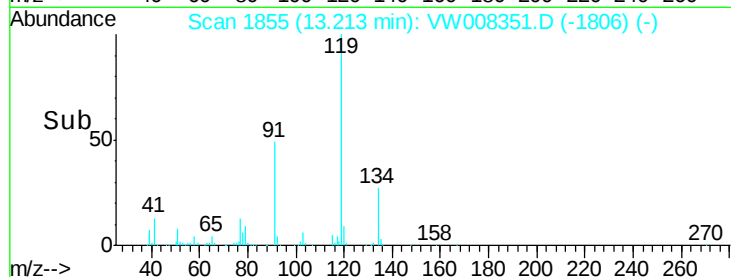
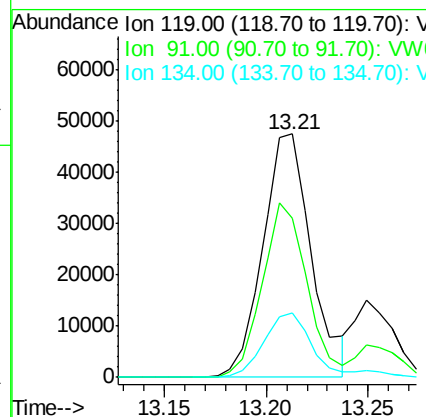
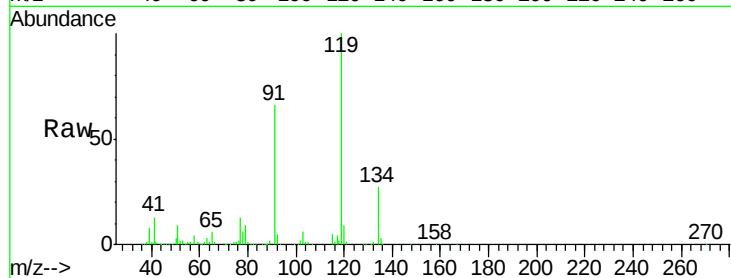
#83
 tert-Butylbenzene
 Concen: 19.258 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.4	32.4	97.0
134	27.7	13.9	41.7

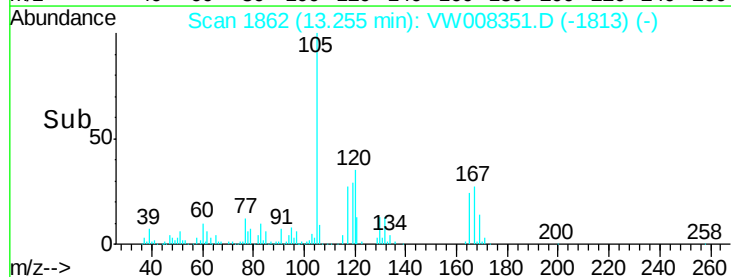
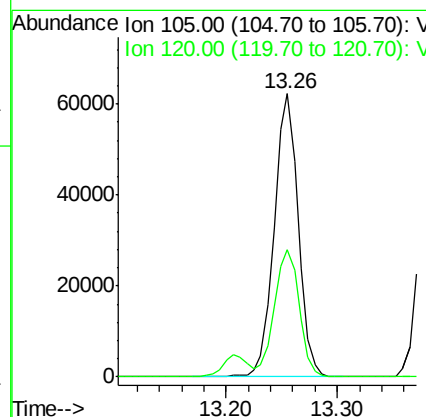
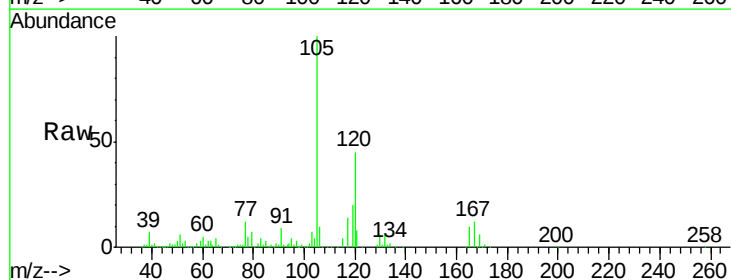
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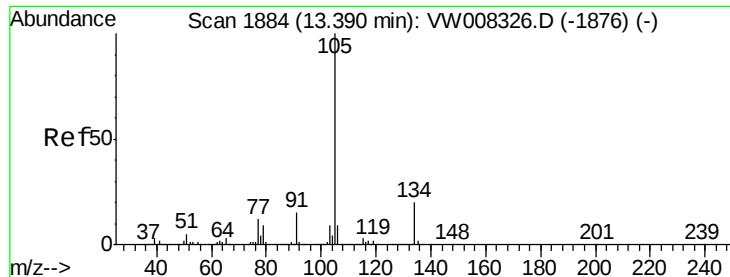
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.874 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.5	70.6





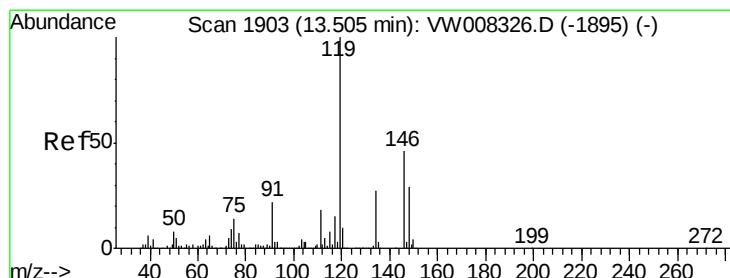
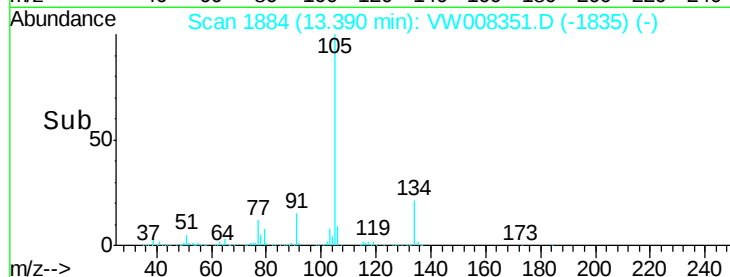
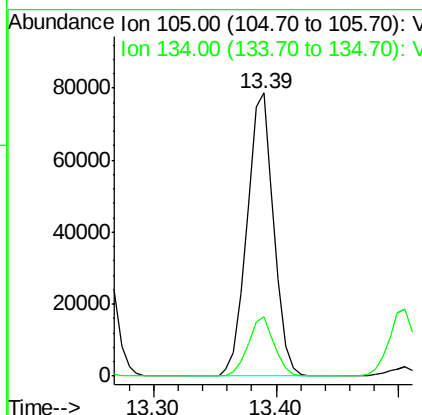
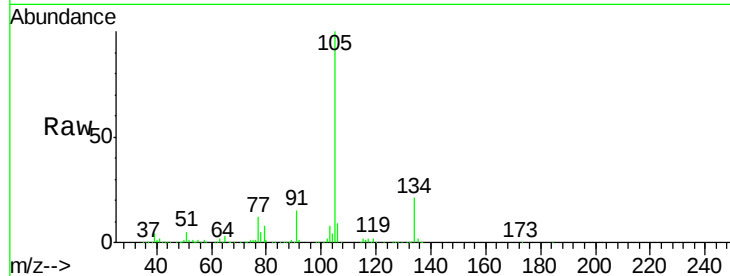
#85
 sec-Butylbenzene
 Concen: 20.321 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.1	30.3

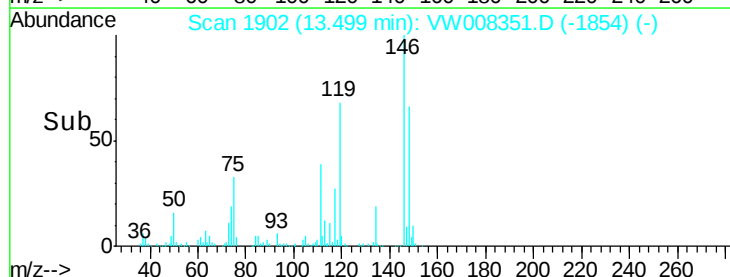
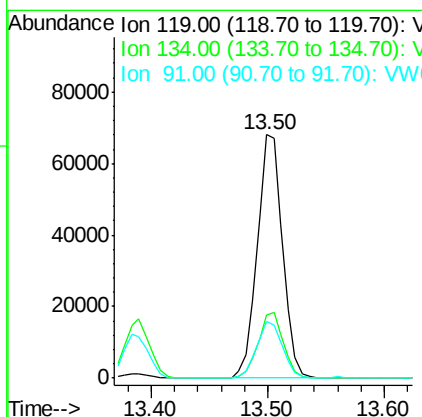
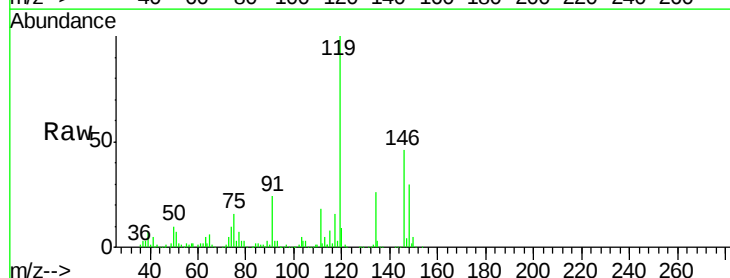
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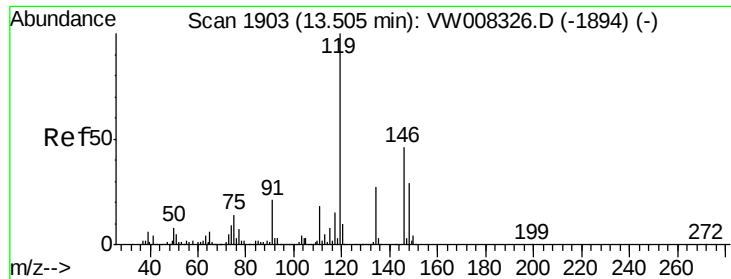
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#86
 p-Isopropyltoluene
 Concen: 20.175 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.7	41.0
91	24.1	11.4	34.2





#87

1,3-Dichlorobenzene

Concen: 19.117 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Instrument :

MSVOA_W

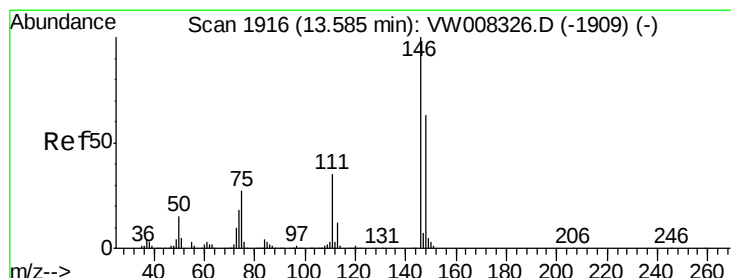
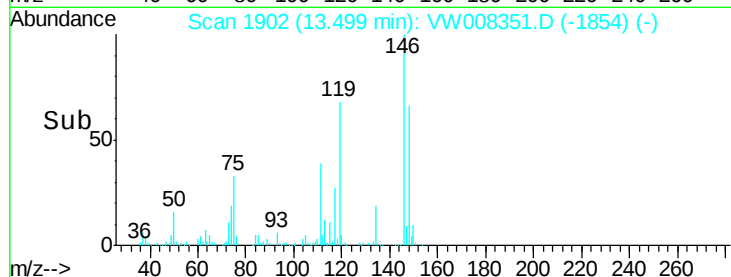
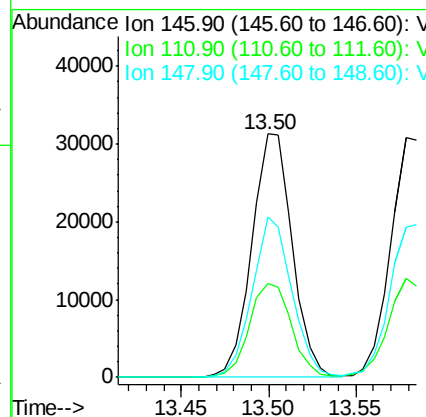
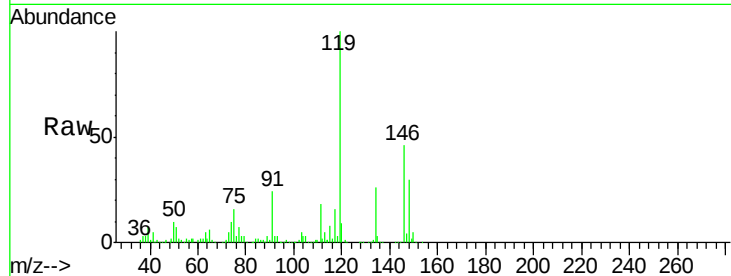
ClientSampleId :

VW0118SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.7
148	64.8	31.4	94.3

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#88

1,4-Dichlorobenzene

Concen: 18.827 ug/l

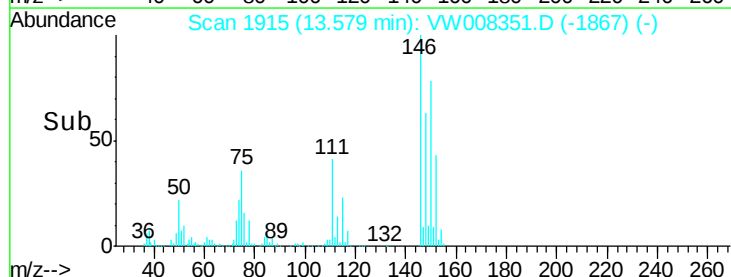
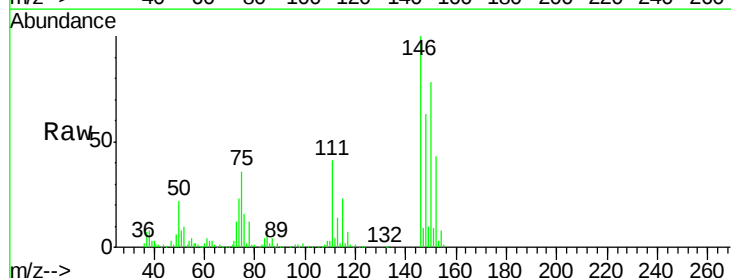
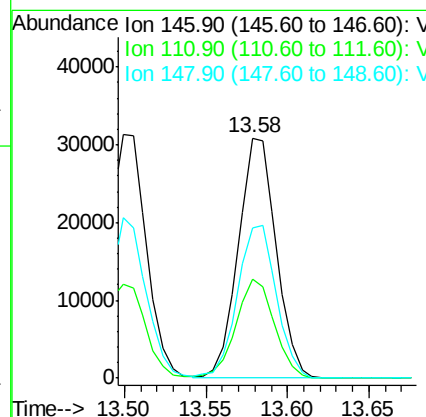
RT: 13.58 min Scan# 1915

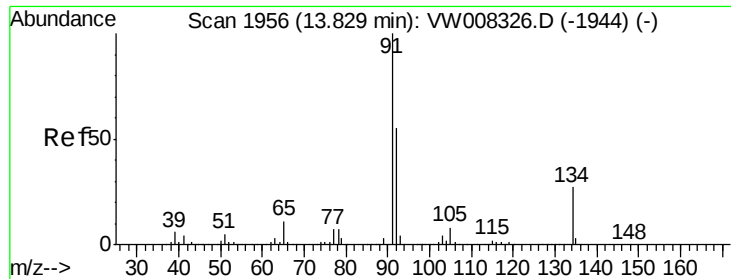
Delta R.T. -0.01 min

Lab File: VW008351.D

Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	18.9	56.5
148	65.2	31.6	94.8





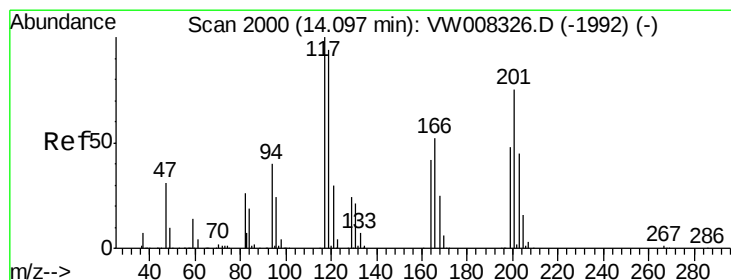
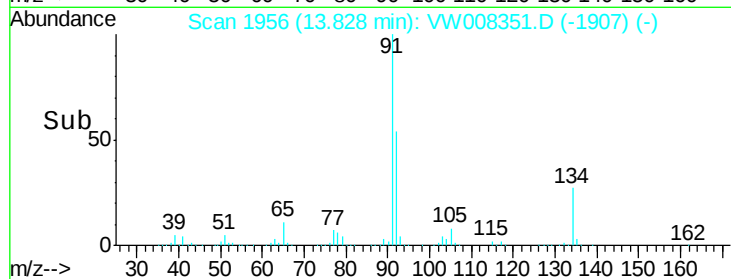
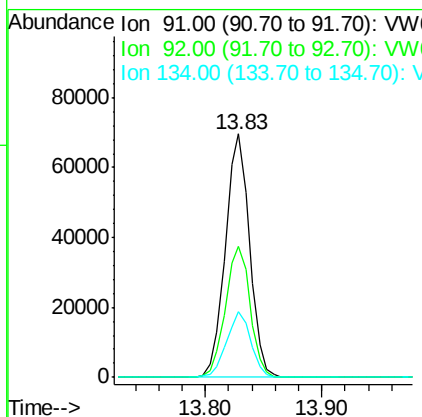
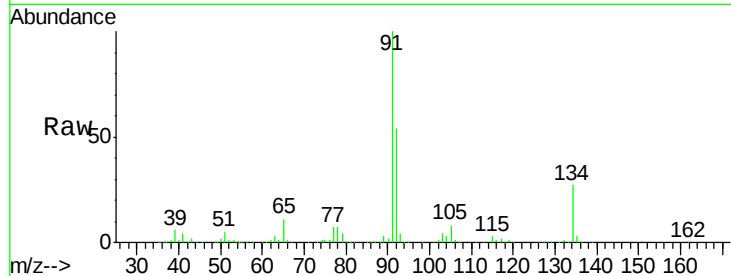
#89
n-Butylbenzene
Concen: 20.458 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.6
134	27.1	13.4	40.1

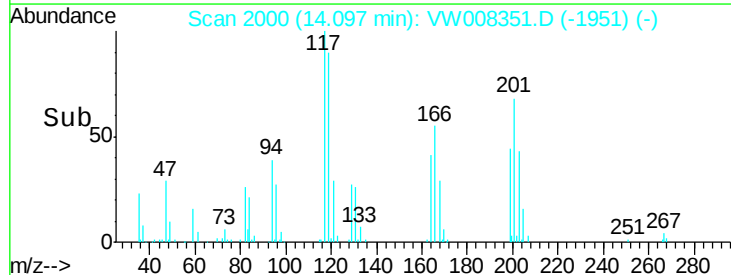
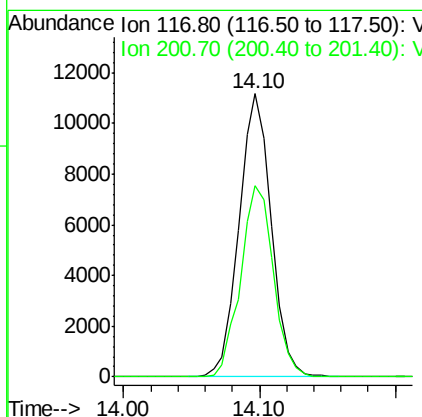
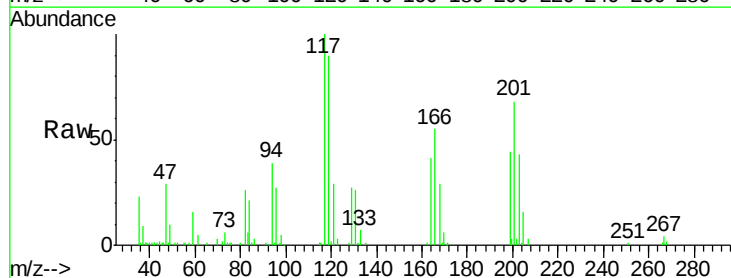
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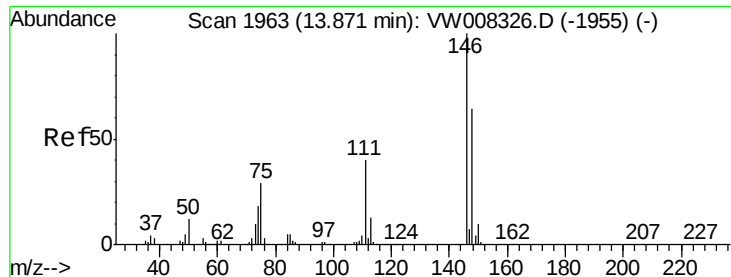
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#90
Hexachloroethane
Concen: 19.494 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.8	39.3	117.9





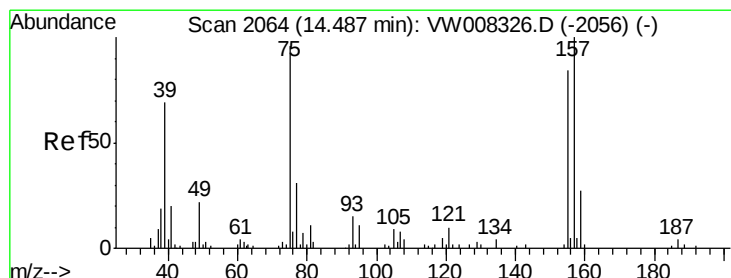
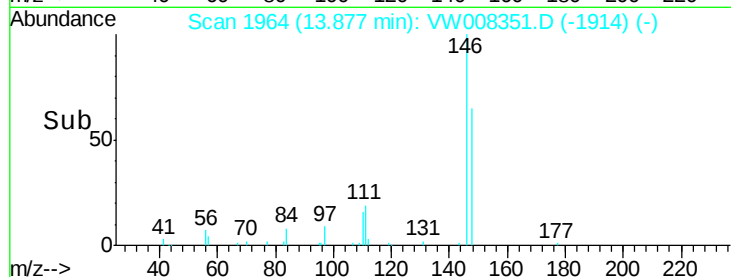
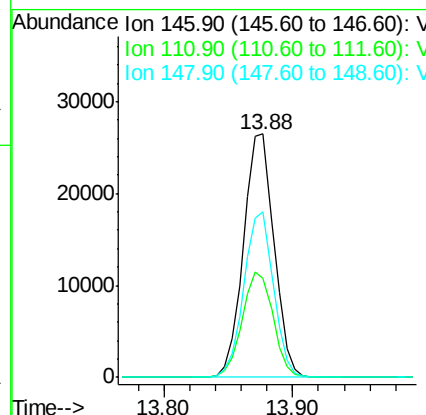
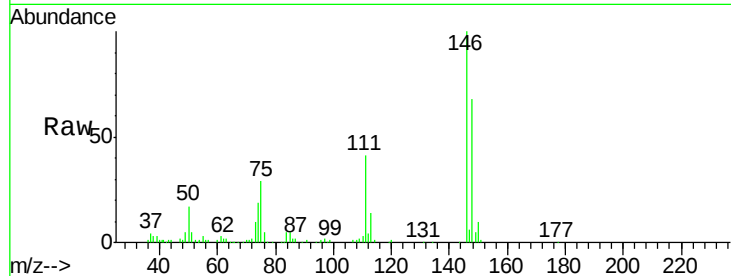
#91
 1,2-Dichlorobenzene
 Concen: 18.544 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0118SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	19.6	58.8
148	65.7	31.7	95.1

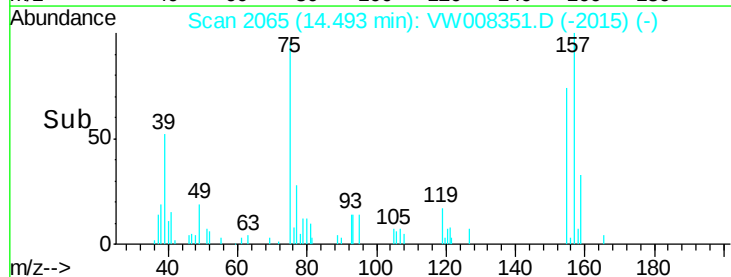
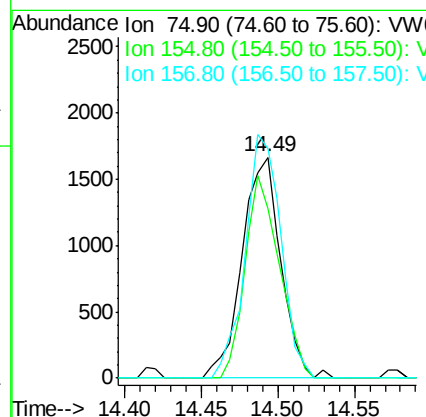
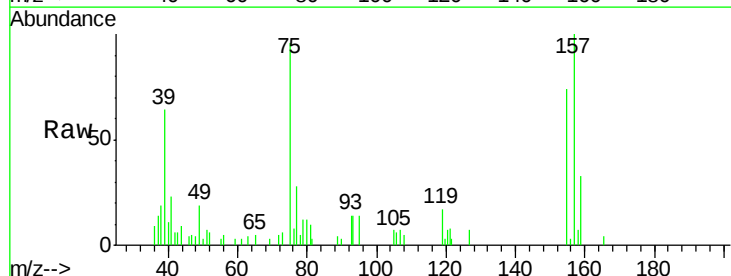
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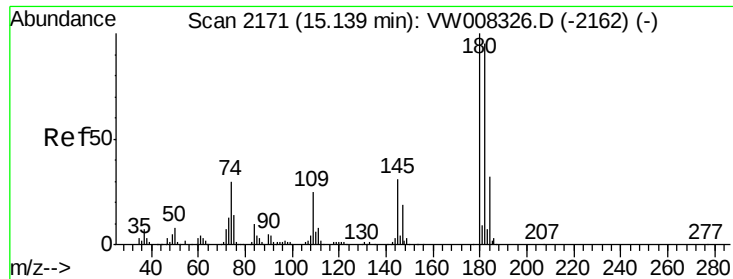
MMDadoda
 1/21/2019 11:09:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.961 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW008351.D
 Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.2	44.7	134.1
157	101.9	53.9	161.8





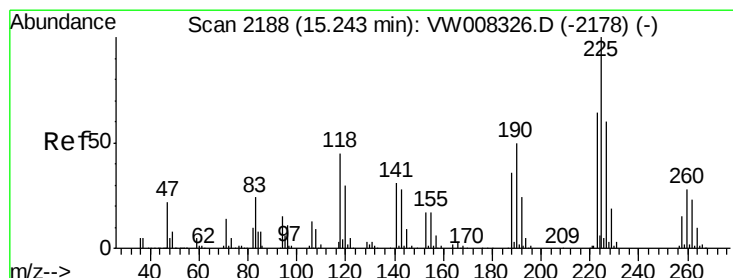
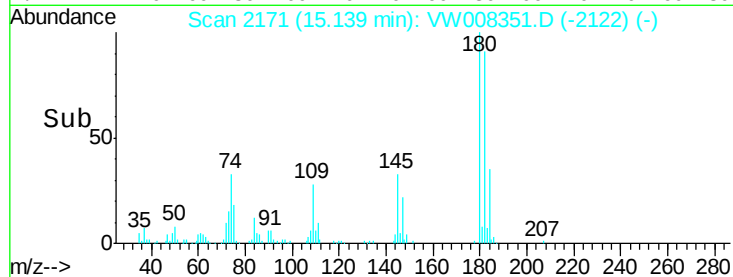
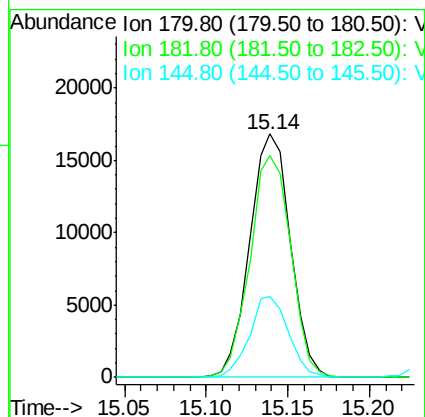
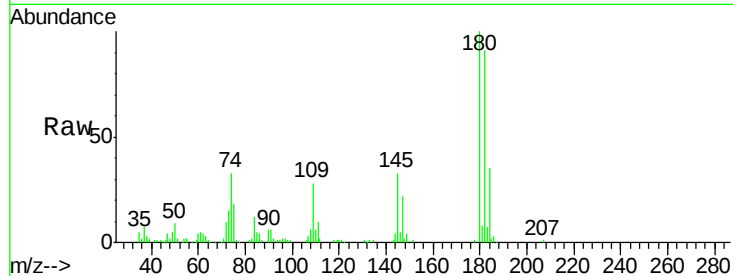
#93
1,2,4-Trichlorobenzene
Concen: 18.453 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.6	142.8
145	31.8	14.8	44.4

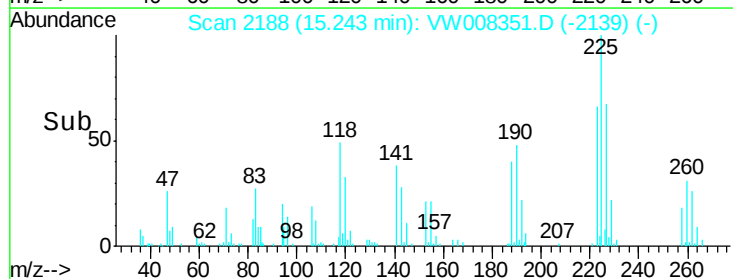
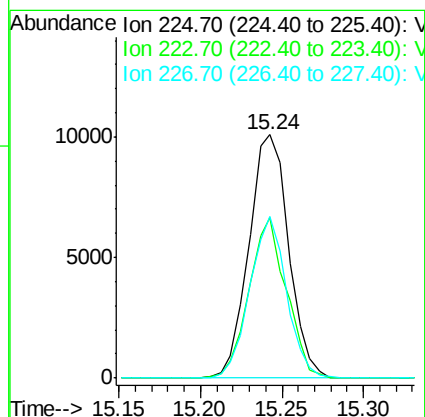
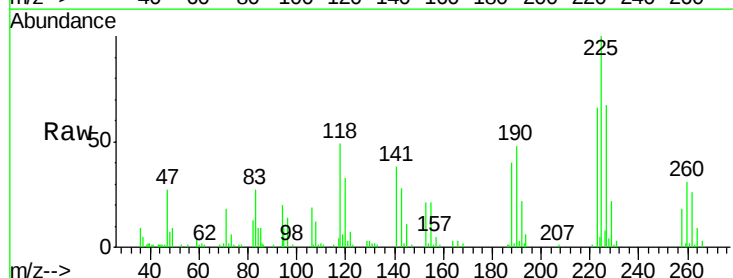
Manual Integrations
APPROVED

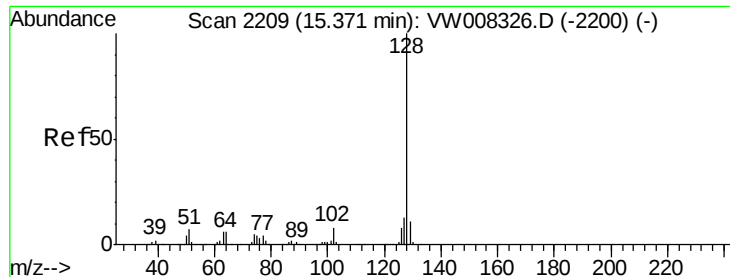
MMDadoda
1/21/2019 11:09:45 AM



#94
Hexachlorobutadiene
Concen: 19.216 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.1	93.3
227	61.4	30.3	90.8





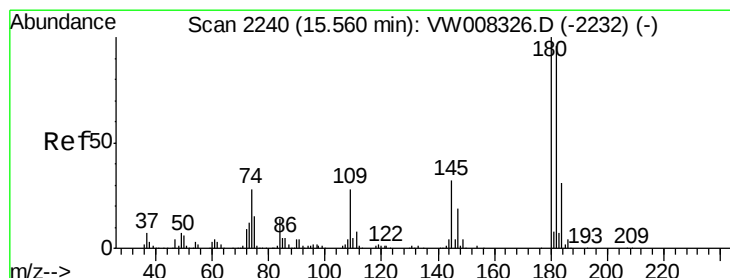
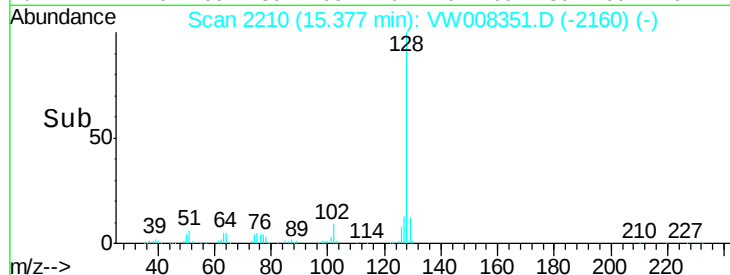
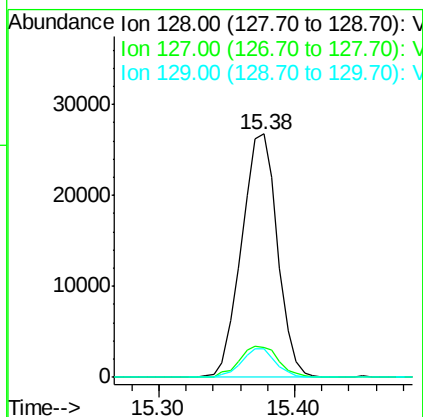
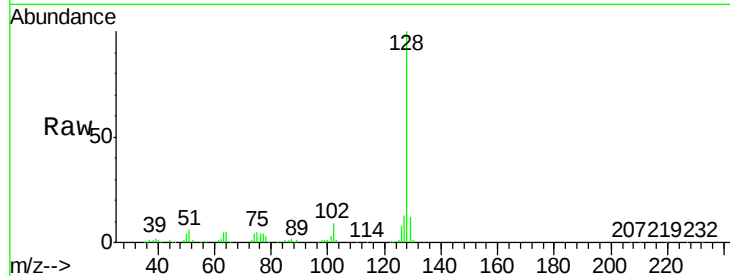
#95
Naphthalene
Concen: 18.407 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Instrument :
MSVOA_W
ClientSampleId :
VW0118SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.5	15.7
129	11.3	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
1/21/2019 11:09:45 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.468 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008351.D
Acq: 18 Jan 2019 13:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	141.9
145	32.3	16.2	48.6

