

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022719\
 Data File : VW008848.D
 Acq On : 27 Feb 2019 12:20
 Operator : SY/VA
 Sample : VW0227SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 12:09:41 AM

Quant Time: Feb 28 07:16:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	332074	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	472798	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	446878	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	240339	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	150544	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	7.88	113	144073	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.32	98	562227	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
62) 4-Bromofluorobenzene	12.62	95	212473	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	62410	18.764	ug/l	98
3) Chloromethane	2.21	50	77707	19.193	ug/l	100
4) Vinyl Chloride	2.35	62	80167	18.702	ug/l	99
5) Bromomethane	2.76	94	65997	20.728	ug/l	99
6) Chloroethane	2.92	64	55543	18.247	ug/l	100
7) Trichlorofluoromethane	3.26	101	106728	19.686	ug/l	98
8) Diethyl Ether	3.68	74	30048	17.507	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	66661	20.248	ug/l	99
10) Methyl Iodide	4.27	142	64437	15.652	ug/l	98
11) Tert butyl alcohol	5.18	59	18721	67.517	ug/l #	84
12) 1,1-Dichloroethene	4.04	96	58950	20.275	ug/l	97
13) Acrolein	3.90	56	20178	83.313	ug/l	96
14) Allyl chloride	4.67	41	98621	19.653	ug/l	95
15) Acrylonitrile	5.37	53	59899	81.317	ug/l	99
16) Acetone	4.13	43	58981	81.699	ug/l	99
17) Carbon Disulfide	4.38	76	175949	18.239	ug/l	98
18) Methyl Acetate	4.67	43	26690	15.587	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	140309	17.829	ug/l	98
20) Methylene Chloride	4.91	84	70179	16.289	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	66027	19.632	ug/l	95
22) Diisopropyl ether	6.31	45	192084	19.189	ug/l	98
23) Vinyl Acetate	6.25	43	567457	91.749	ug/l	100
24) 1,1-Dichloroethane	6.21	63	115371	19.889	ug/l	97
25) 2-Butanone	7.17	43	79444	78.712	ug/l	100
26) 2,2-Dichloropropane	7.16	77	109022	20.702	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	71001	19.735	ug/l	97
28) Bromochloromethane	7.51	49	46517	19.163	ug/l	100
29) Tetrahydrofuran	7.54	42	51112	79.465	ug/l	99
30) Chloroform	7.67	83	117652	19.771	ug/l	99
31) Cyclohexane	7.95	56	120070	20.449	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	110826	20.479	ug/l	98
36) 1,1-Dichloropropene	8.09	75	97039	21.085	ug/l	98
37) Ethyl Acetate	7.25	43	36521	17.064	ug/l	96
38) Carbon Tetrachloride	8.07	117	101197	20.850	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	116682	20.326	ug/l	99
40) Benzene	8.32	78	254859	20.282	ug/l	99
41) Methacrylonitrile	7.48	41	22199	17.646	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	76409	19.195	ug/l	98
43) Isopropyl Acetate	8.43	43	73351	17.172	ug/l	99
44) Trichloroethene	9.09	130	72763	20.555	ug/l	89
45) 1,2-Dichloropropane	9.37	63	63466	20.438	ug/l	93
46) Dibromomethane	9.46	93	31273	18.106	ug/l	98
47) Bromodichloromethane	9.65	83	84295	20.059	ug/l	98
48) Methyl methacrylate	9.43	41	32120	15.701	ug/l	94
49) 1,4-Dioxane	9.46	88	8689	314.133	ug/l #	87
51) 4-Methyl-2-Pentanone	10.21	43	173447	79.981	ug/l	100
52) Toluene	10.39	92	172573	20.236	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	81236	18.965	ug/l	93
54) cis-1,3-Dichloropropene	10.07	75	99089	20.283	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	44179	18.860	ug/l	95
56) Ethyl methacrylate	10.65	69	49638	16.311	ug/l	97
57) 1,3-Dichloropropane	10.93	76	79228	19.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	151547	99.011	ug/l	98
59) 2-Hexanone	10.97	43	123172	79.790	ug/l	98
60) Dibromochloromethane	11.13	129	53656	18.780	ug/l	100
61) 1,2-Dibromoethane	11.23	107	42001	18.115	ug/l	100
64) Tetrachloroethene	10.87	164	64637	20.206	ug/l	93
65) Chlorobenzene	11.66	112	187650	19.970	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	61997	19.513	ug/l	95
67) Ethyl Benzene	11.73	91	336506	20.033	ug/l	98
68) m/p-Xylenes	11.84	106	271922	40.515	ug/l	99
69) o-Xylene	12.16	106	127171	20.187	ug/l	98
70) Styrene	12.18	104	198289	19.565	ug/l	99
71) Bromoform	12.35	173	28696	16.802	ug/l #	97
73) Isopropylbenzene	12.46	105	349671	21.223	ug/l	100
74) N-amyl acetate	12.27	43	67167	16.184	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	46349	17.216	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	32932m	16.596	ug/l	
77) Bromobenzene	12.75	156	79336	20.376	ug/l	97
78) n-propylbenzene	12.80	91	422754	20.976	ug/l	100
79) 2-Chlorotoluene	12.90	91	235180	20.553	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	291945	20.390	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	13165	16.129	ug/l	93
82) 4-Chlorotoluene	12.99	91	247330	20.511	ug/l	99
83) tert-Butylbenzene	13.21	119	262369	21.192	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	294766	19.888	ug/l	99
85) sec-Butylbenzene	13.38	105	368131	20.679	ug/l	98
86) p-Isopropyltoluene	13.50	119	329324	20.180	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	166146	20.567	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	161020	20.224	ug/l	98
89) n-Butylbenzene	13.83	91	311345	20.364	ug/l	100
90) Hexachloroethane	14.10	117	53166	19.901	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	143343	19.915	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7739	15.891	ug/l	97

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QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	100103	19.302	ug/l	98
94) Hexachlorobutadiene	15.24	225	65879	21.566	ug/l	100
95) Naphthalene	15.37	128	150131	17.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	84678	18.884	ug/l	96

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

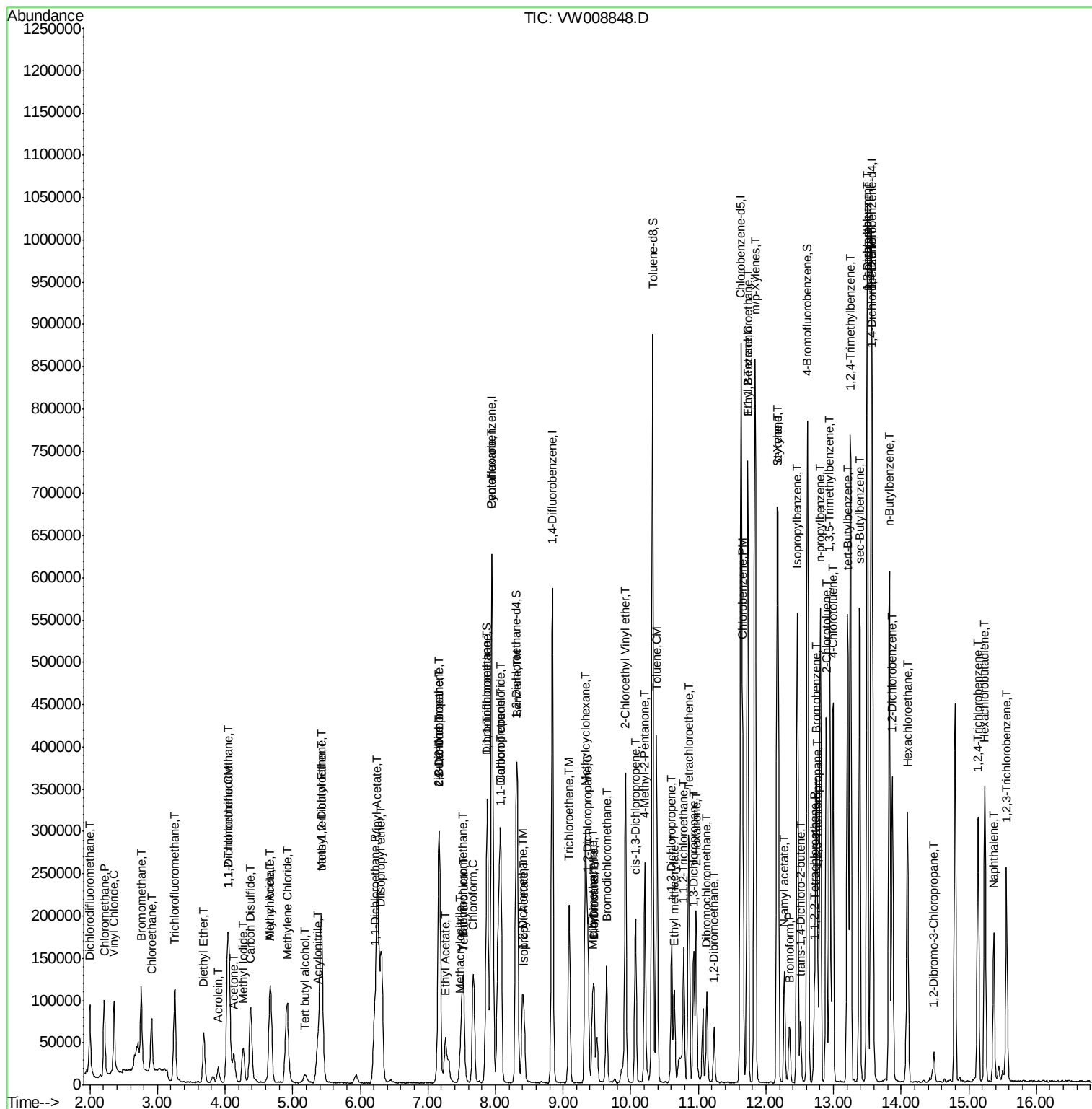
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW022719\
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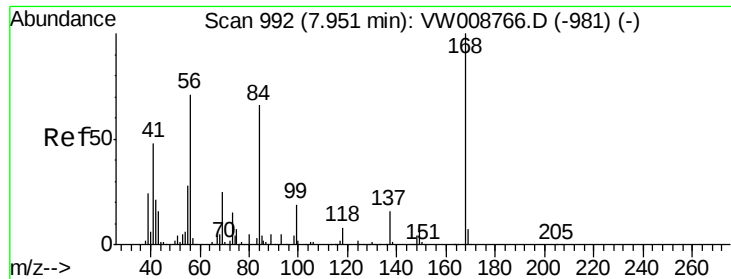
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBS01

Tot Ion:168 Resp: 332074

Ion Ratio Lower Upper

168 100

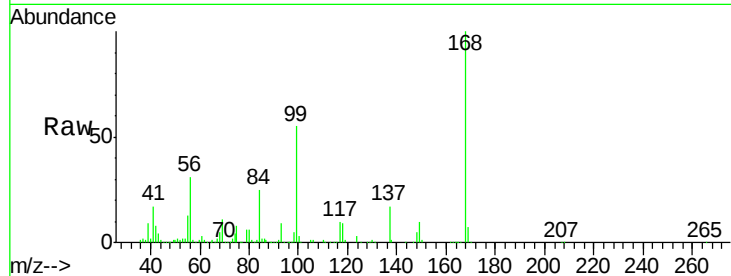
99 54.4 42.2 63.2

Manual Integrations

APPROVED

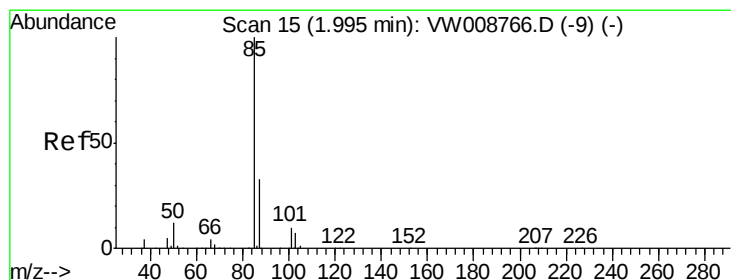
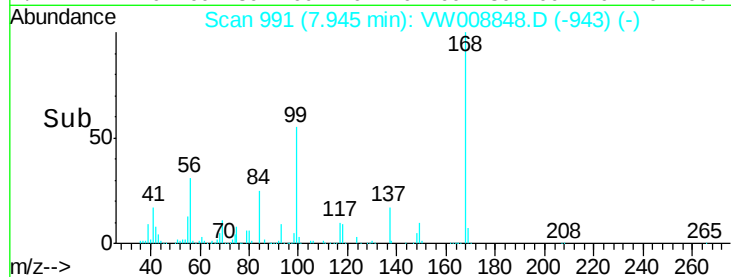
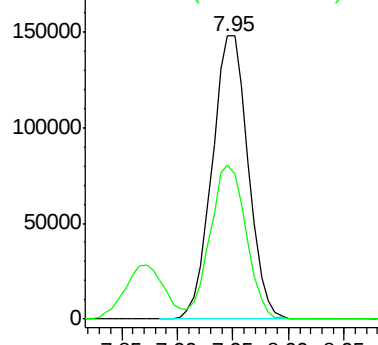
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.764 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008848.D

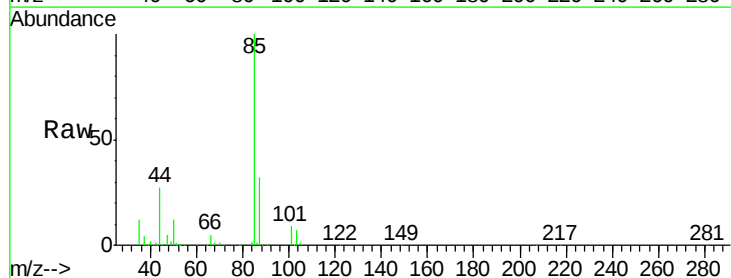
Acq: 27 Feb 2019 12:20

Tgt Ion: 85 Resp: 62410

Ion Ratio Lower Upper

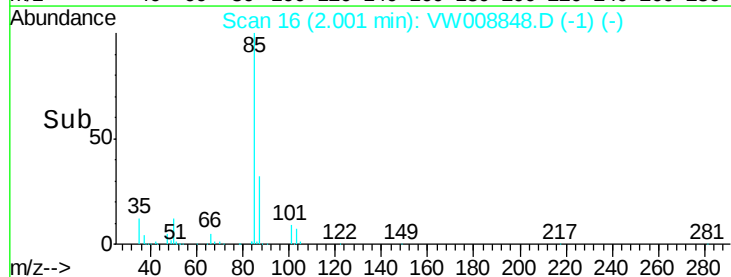
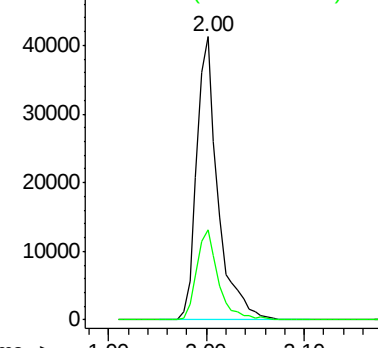
85 100

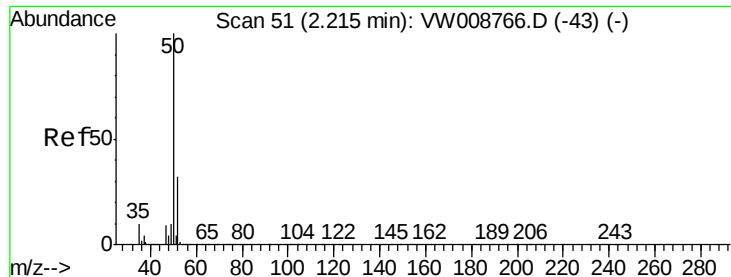
87 31.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.193 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBS01

Tot Ion: 50 Resp: 77707

Ion Ratio Lower Upper

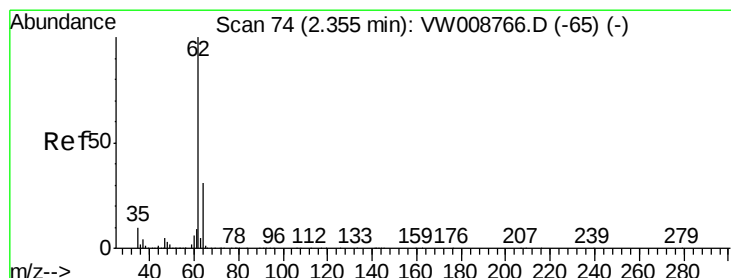
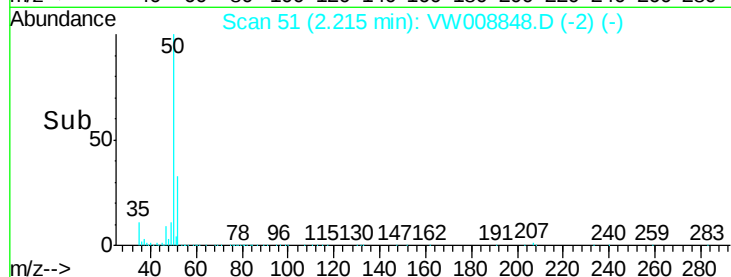
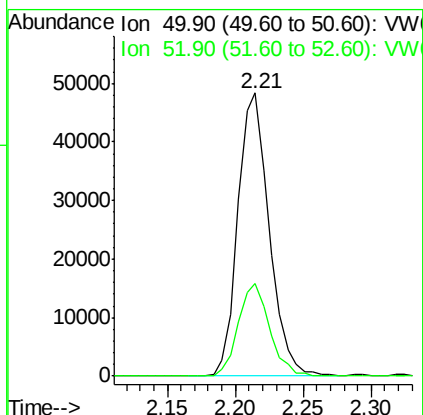
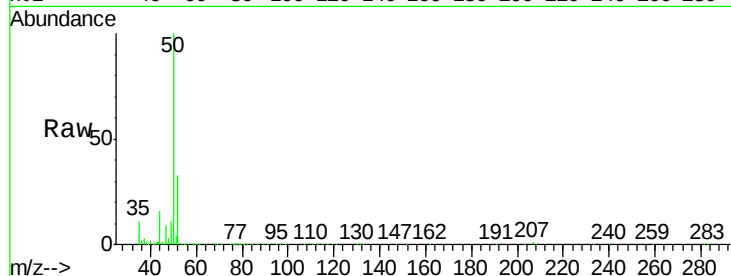
50 100

52 32.5 25.9 38.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.702 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW008848.D

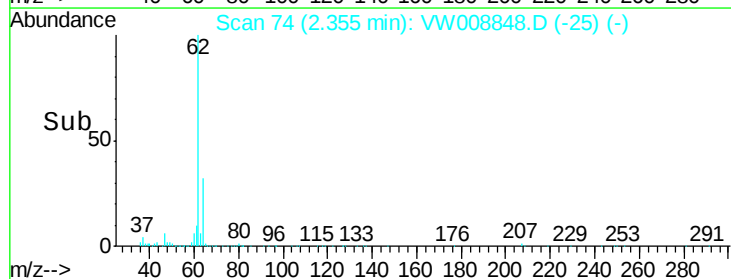
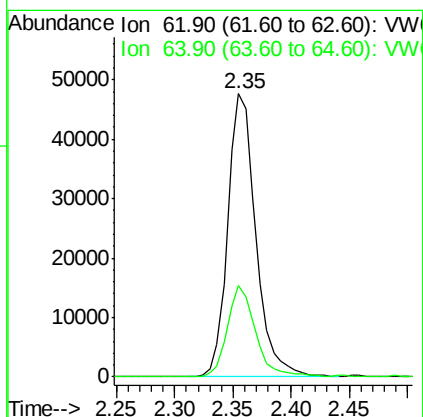
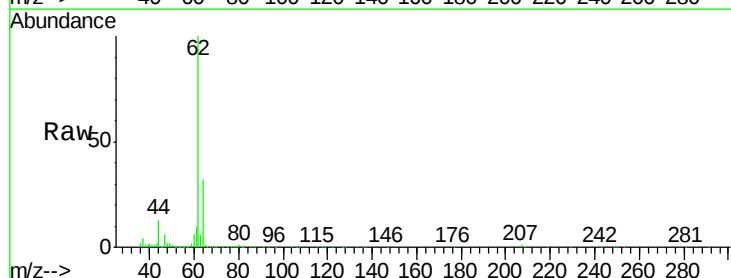
Acq: 27 Feb 2019 12:20

Tgt Ion: 62 Resp: 80167

Ion Ratio Lower Upper

62 100

64 31.9 24.9 37.3





#5

Bromomethane

Concen: 20.728 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBS01

Tot Ion: 94 Resp: 65997

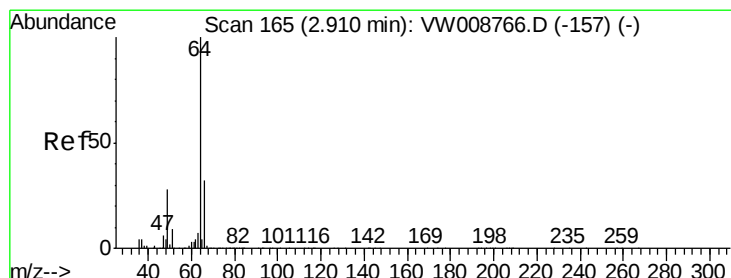
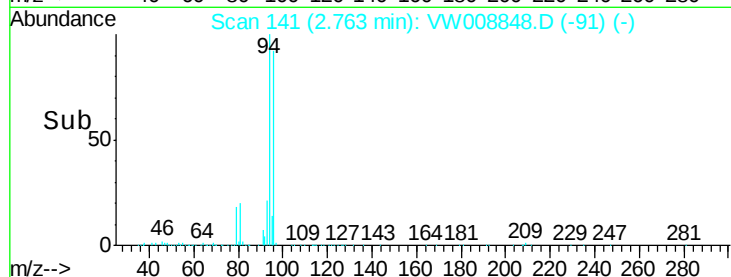
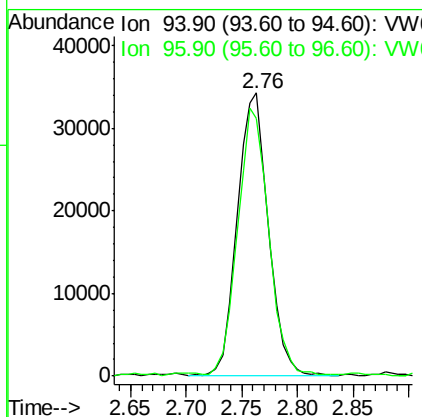
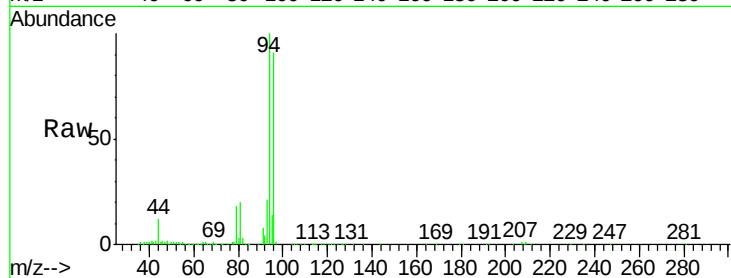
Ion Ratio Lower Upper

94 100

96 90.8 73.4 110.2

Manual Integrations
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#6

Chloroethane

Concen: 18.247 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.01 min

Lab File: VW008848.D

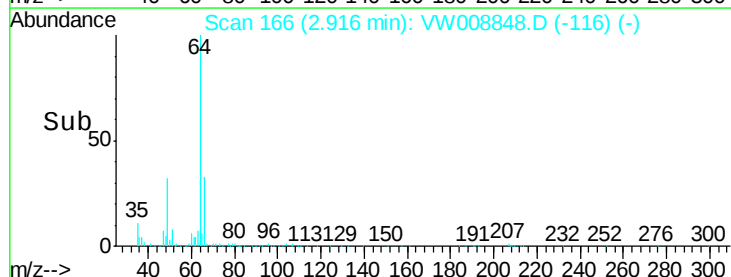
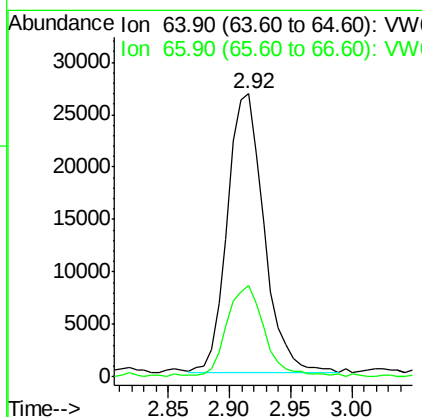
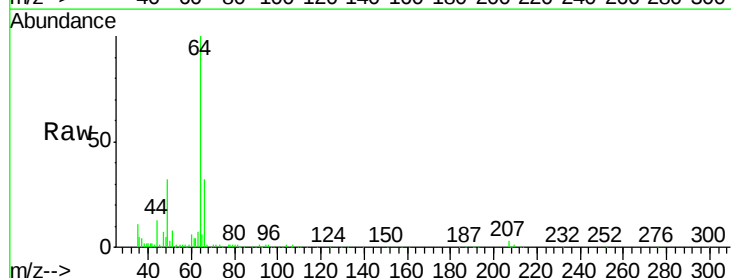
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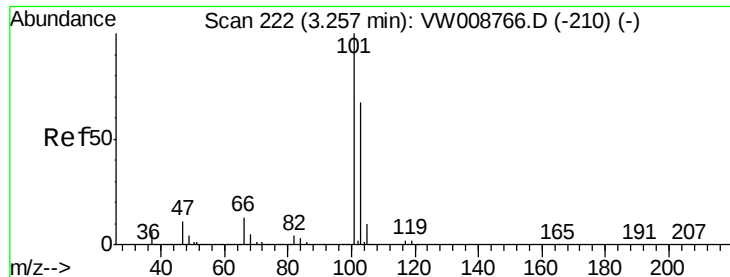
Tgt Ion: 64 Resp: 55543

Ion Ratio Lower Upper

64 100

66 31.8 25.5 38.3





#7

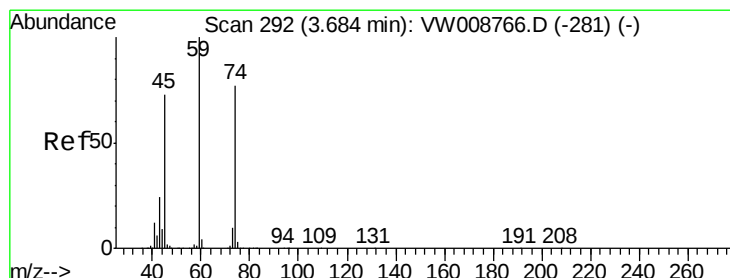
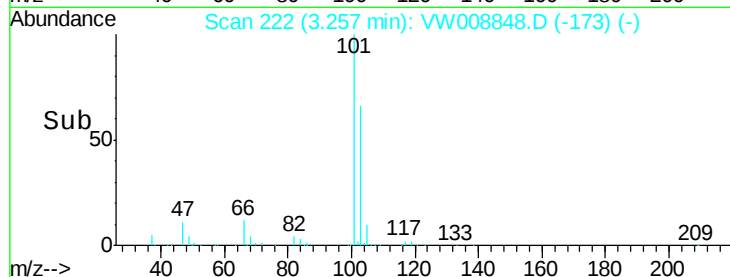
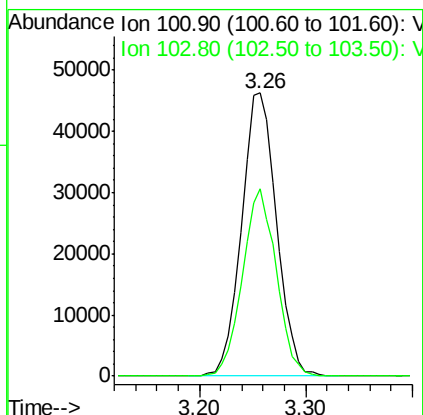
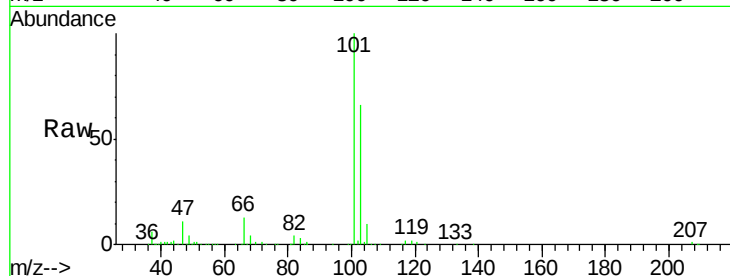
Trichlorofluoromethane
 Concen: 19.686 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	53.9	80.9

Manual Integrations
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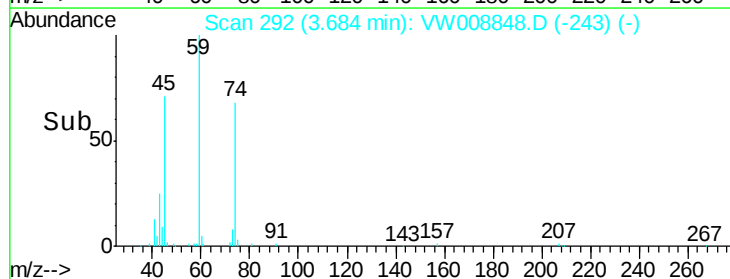
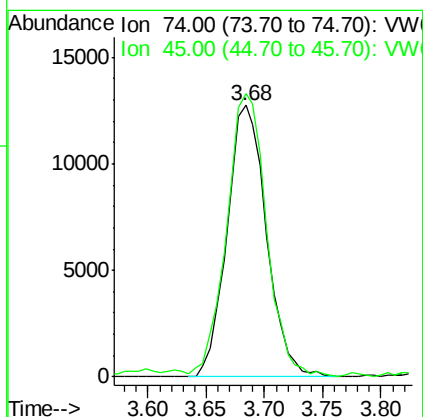
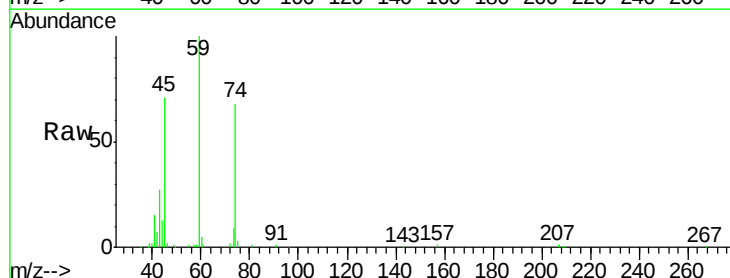
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 3/1/2019 12:09:41 AM



#8

Diethyl Ether
 Concen: 17.507 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.7	50.2	150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.248 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

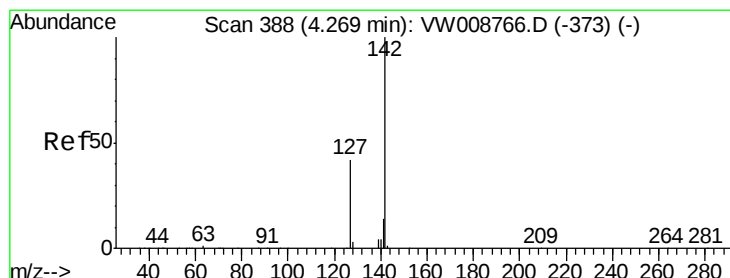
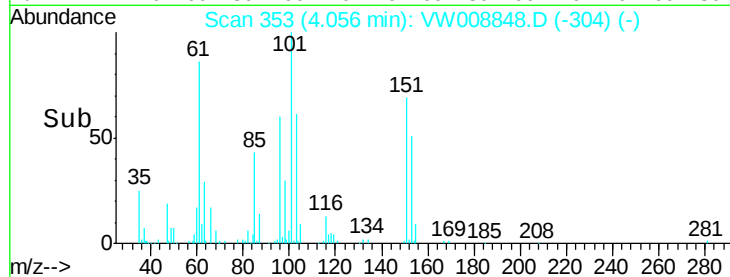
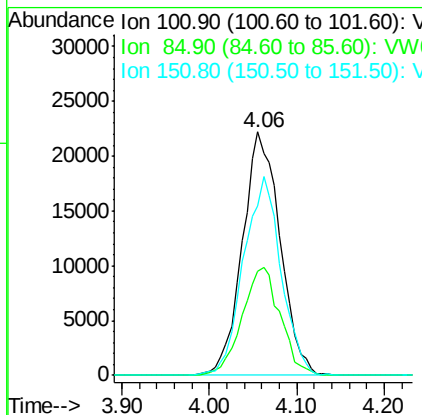
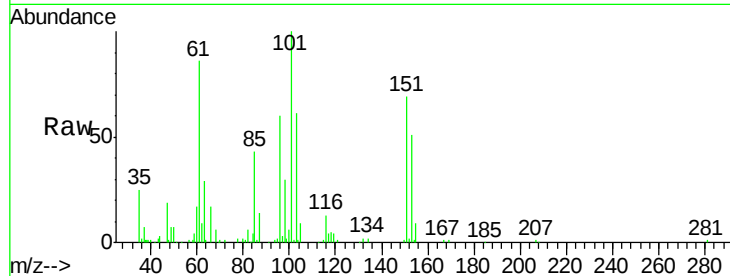
ClientSampleId :

VW0227SBS01

Tot Ion:	101	Resp:	66661
Ion Ratio	Lower	Upper	
101	100		
85	44.8	36.0	54.0
151	81.2	65.5	98.3

Manual Integrations
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3/1/2019 12:09:41 AM



#10

Methyl Iodide

Concen: 15.652 ug/l

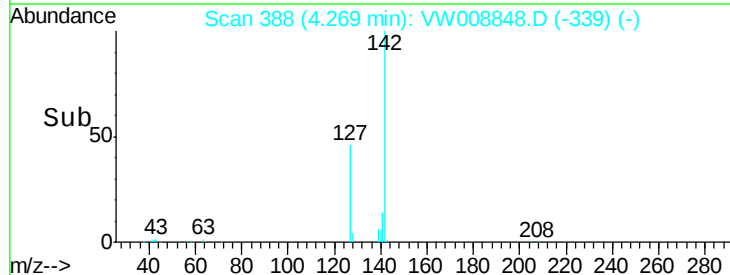
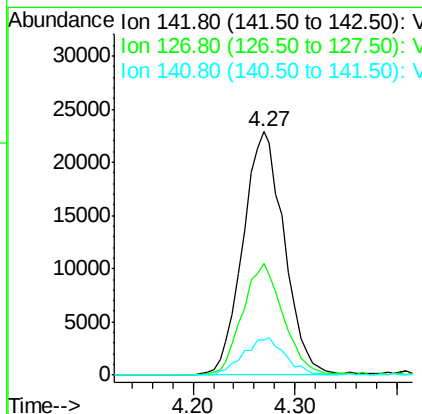
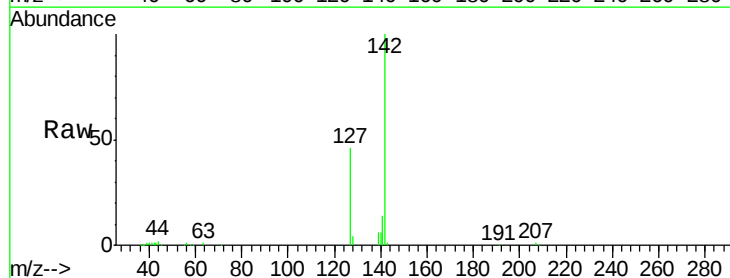
RT: 4.27 min Scan# 388

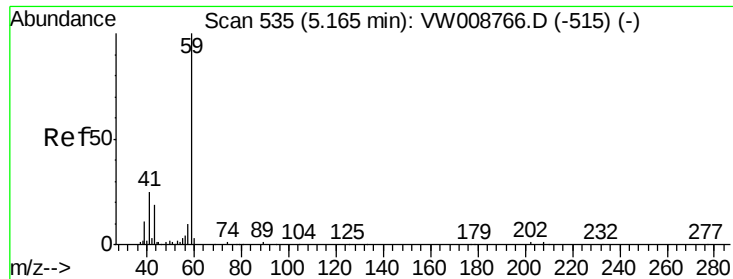
Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Tgt Ion:	142	Resp:	64437
Ion Ratio	Lower	Upper	
142	100		
127	45.6	35.3	52.9
141	15.5	11.7	17.5





#11

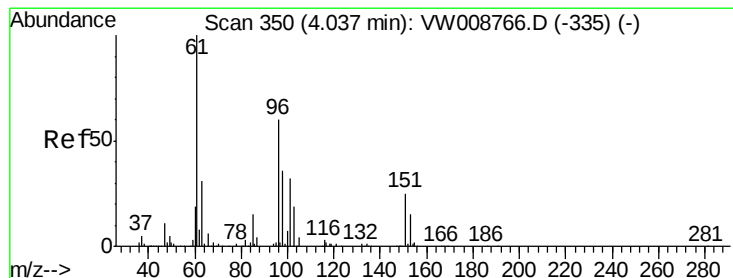
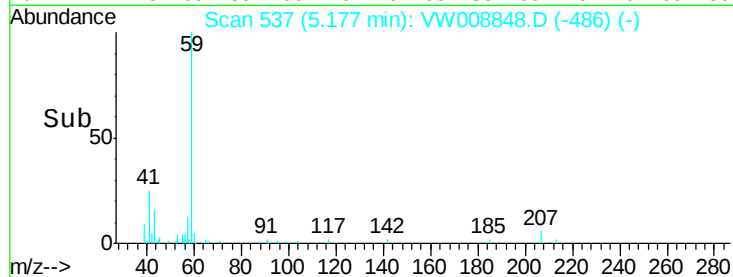
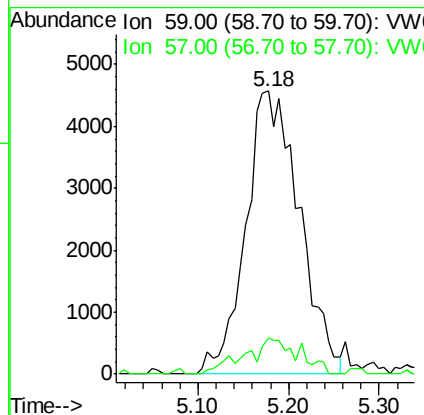
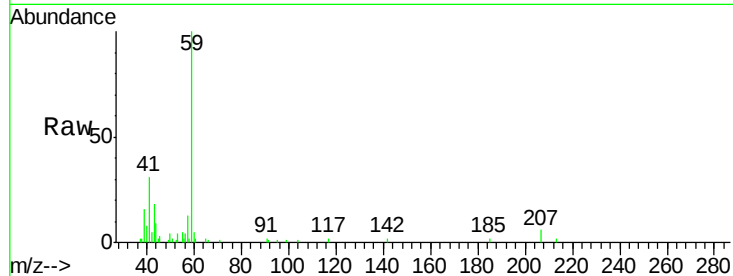
Tert butyl alcohol
Concen: 67.517 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampled :
VW0227SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	18721		
57	57	5.6		9.3	13.9#

Manual Integrations
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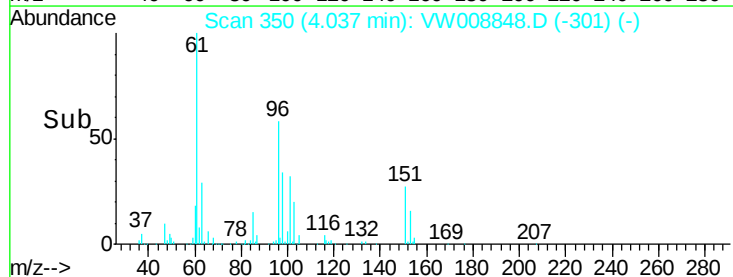
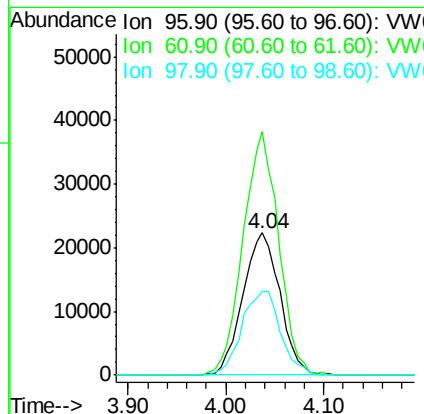
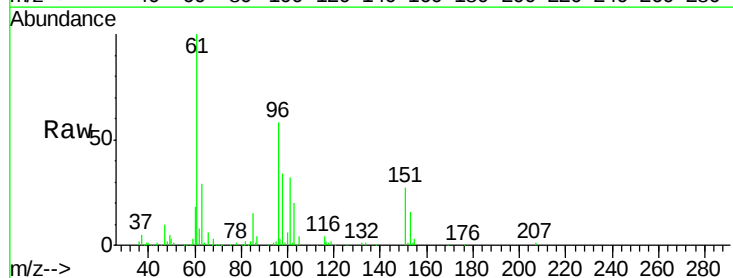
MMDadoda
3/1/2019 12:09:41 AM

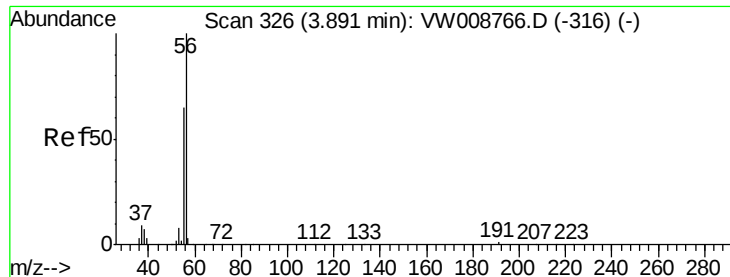


#12

1,1-Dichloroethene
Concen: 20.275 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	58950		
61	61	170.7		132.5	198.7
98	98	58.5		48.2	72.4





#13

Acrolein

Concen: 83.313 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBS01

Tot Ion: 56 Resp: 20178

Ion Ratio Lower Upper

56 100

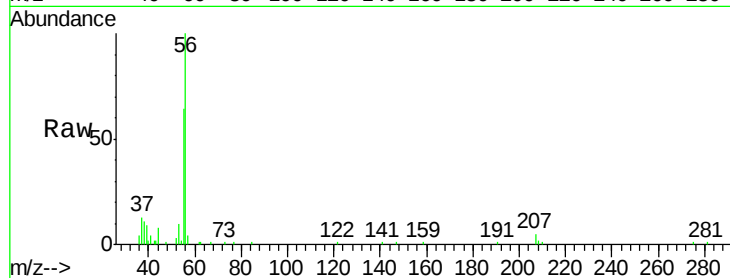
55 67.7 56.9 85.3

Manual Integrations

APPROVED

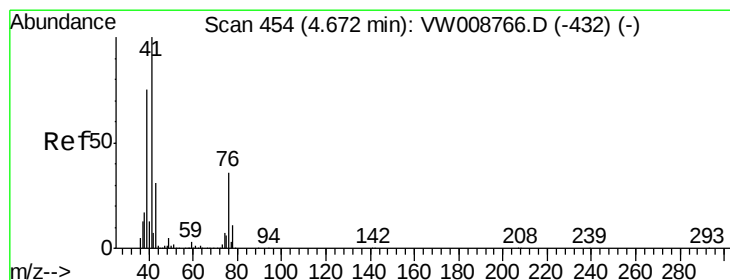
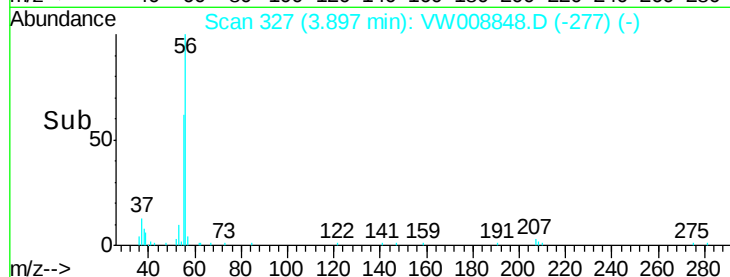
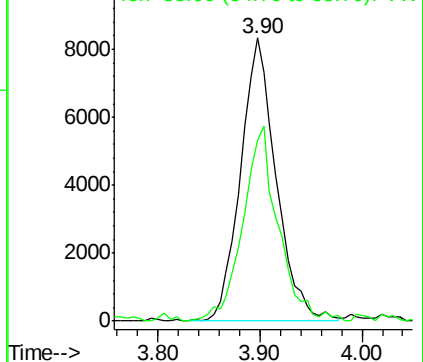
MMDadoda

3/1/2019 12:09:41 AM



Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 19.653 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

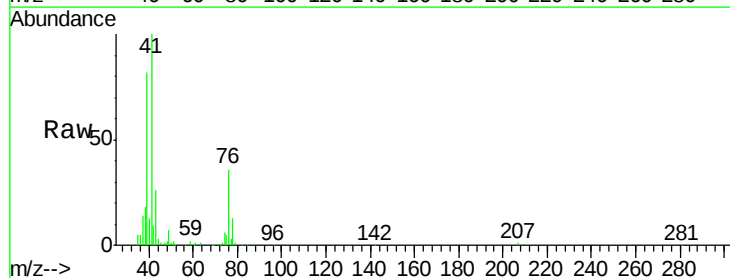
Tgt Ion: 41 Resp: 98621

Ion Ratio Lower Upper

41 100

39 81.2 60.6 91.0

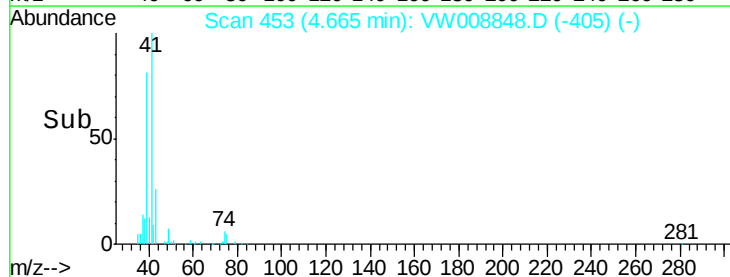
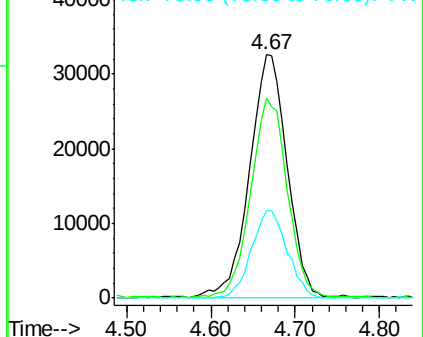
76 34.6 28.6 42.8



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: 81.317 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

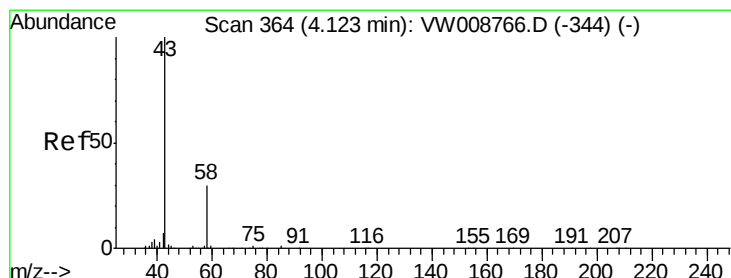
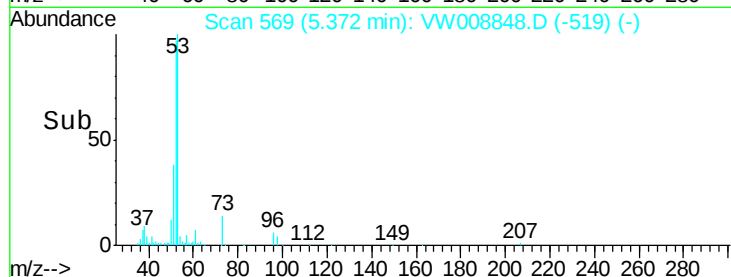
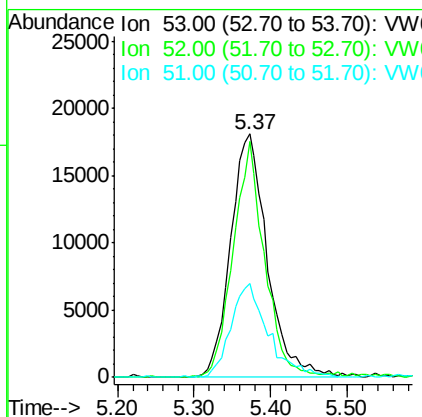
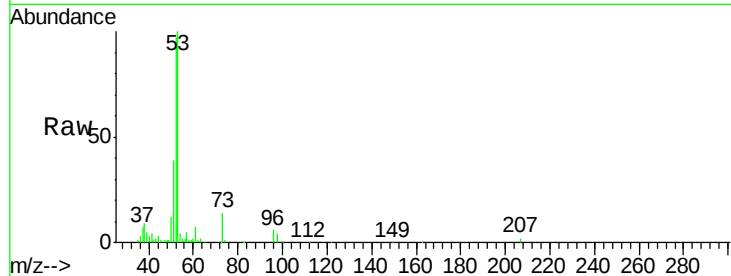
ClientSampleId :

VW0227SBS01

Tot Ion:	53	Resp:	59899
Ion	Ratio	Lower	Upper
53	100		
52	83.3	67.2	100.8
51	39.5	31.1	46.7

Manual Integrations
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MMDadoda
3/1/2019 12:09:41 AM



#16

Acetone

Concen: 81.699 ug/l

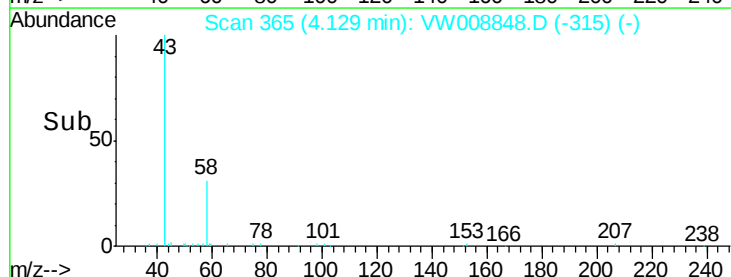
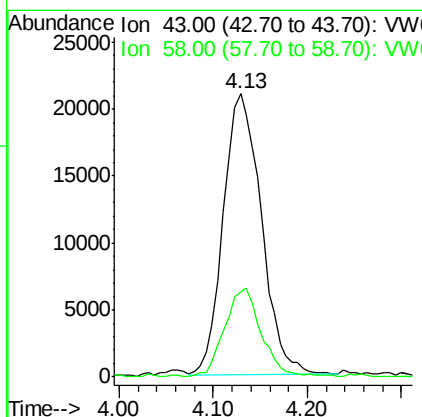
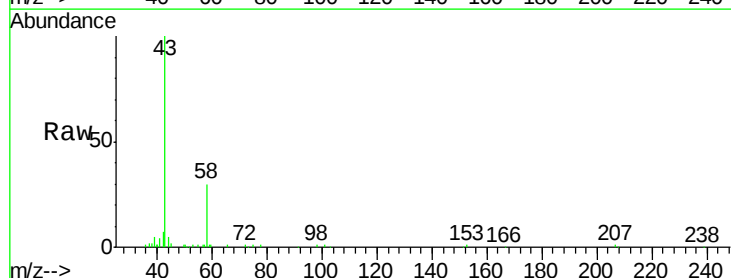
RT: 4.13 min Scan# 365

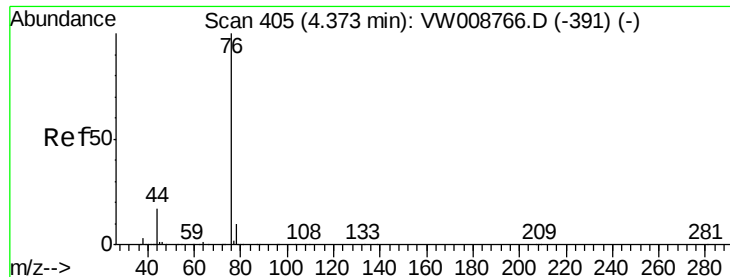
Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Tgt Ion:	43	Resp:	58981
Ion	Ratio	Lower	Upper
43	100		
58	30.3	23.8	35.6





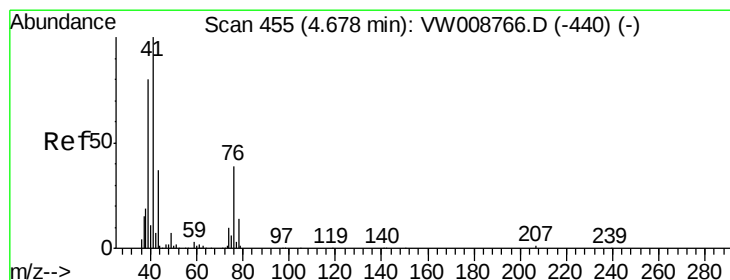
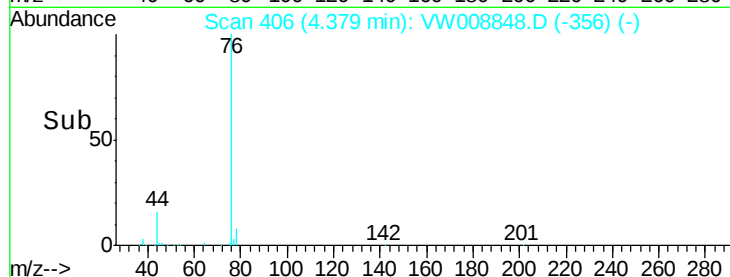
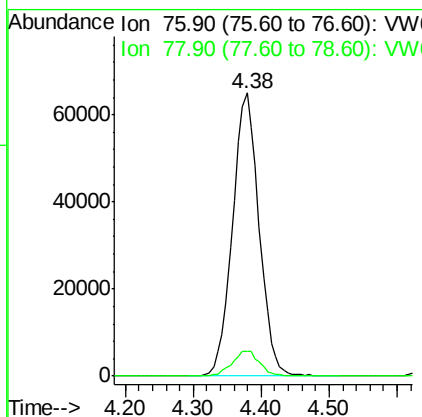
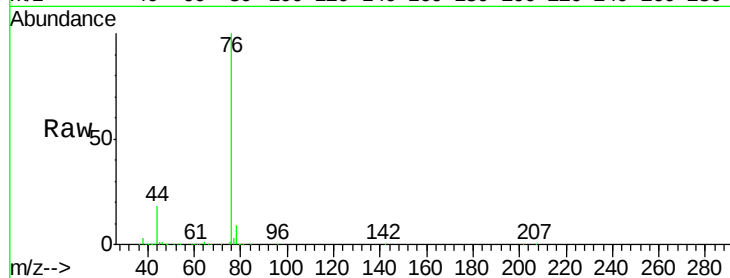
#17
Carbon Disulfide
Concen: 18.239 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.8	11.8

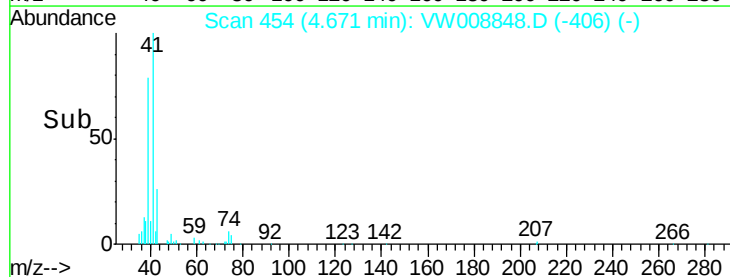
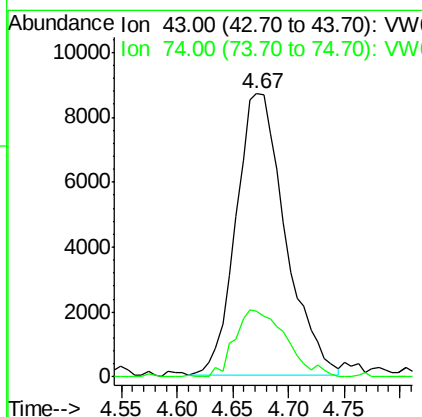
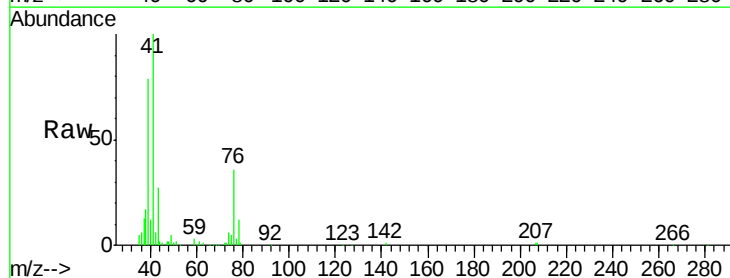
Manual Integrations
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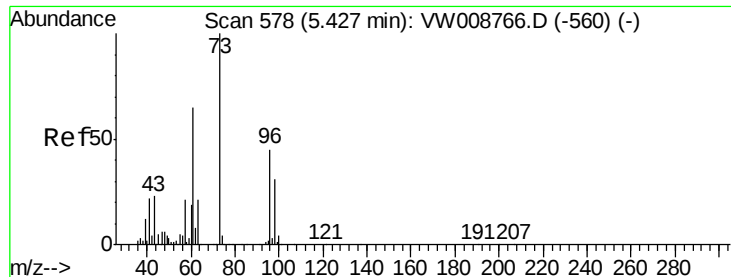
MMDadoda
3/1/2019 12:09:41 AM



#18
Methyl Acetate
Concen: 15.587 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.4	29.2





#19

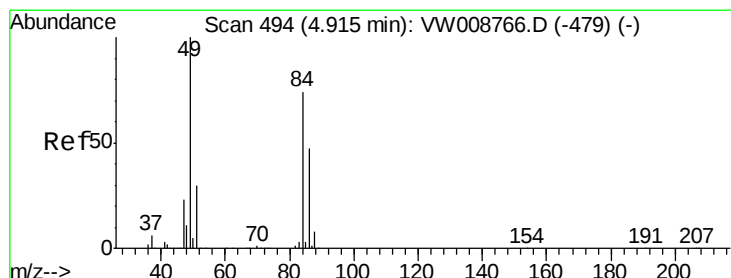
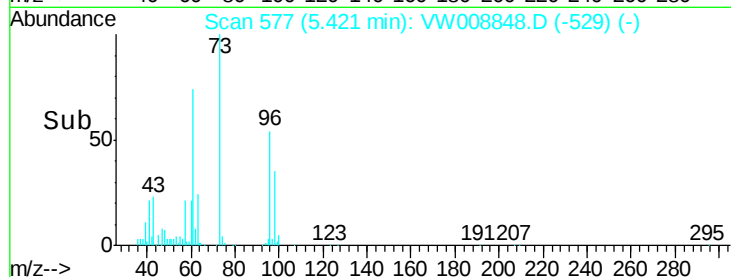
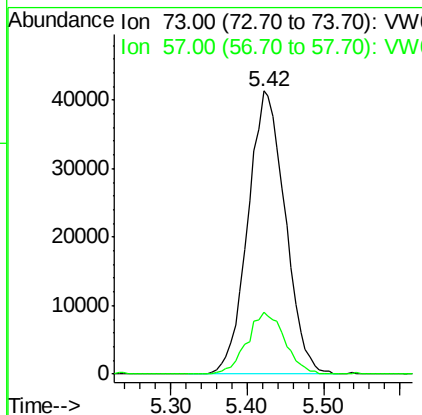
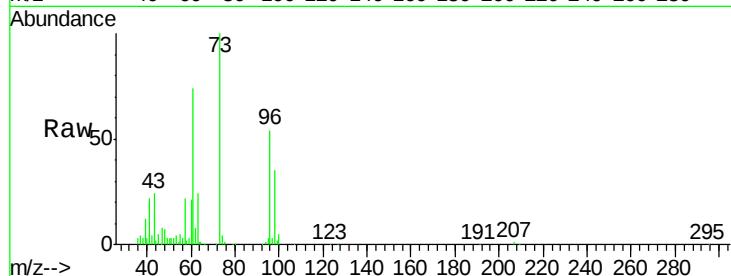
Methyl tert-butyl Ether
 Concen: 17.829 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS01

Tot Ion	73	Resp	140309
Ion Ratio	Lower	Upper	
73	100		
57	21.8	16.8	25.2

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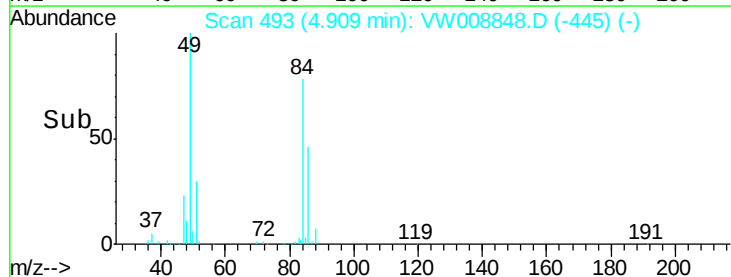
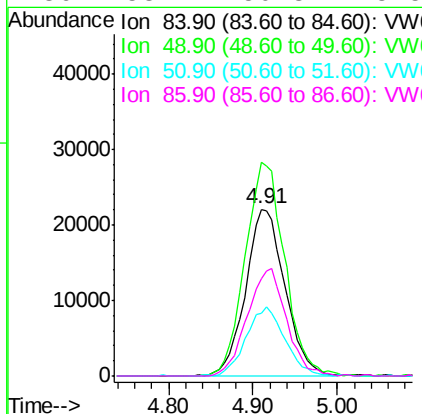
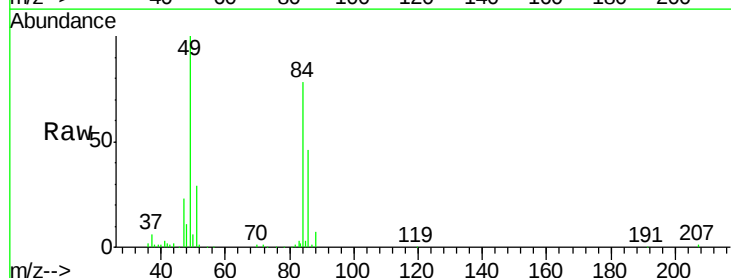
MMDadoda
 3/1/2019 12:09:41 AM

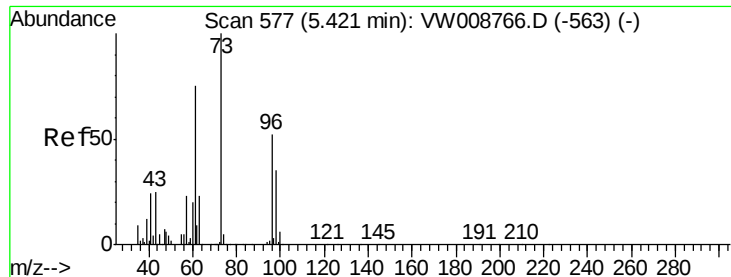


#20

Methylene Chloride
 Concen: 16.289 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	84	Resp	70179
Ion Ratio	Lower	Upper	
84	100		
49	128.3	108.2	162.2
51	37.7	32.7	49.1
86	58.4	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 19.632 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

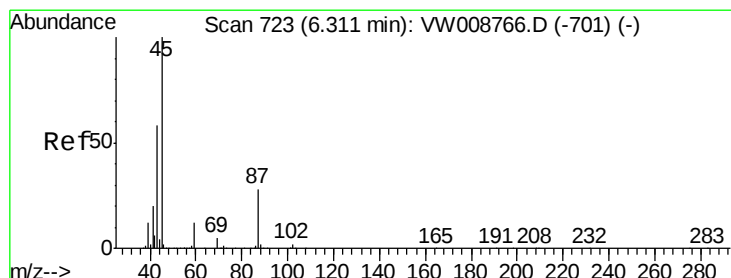
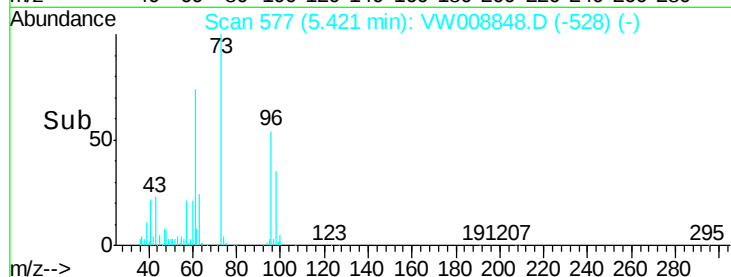
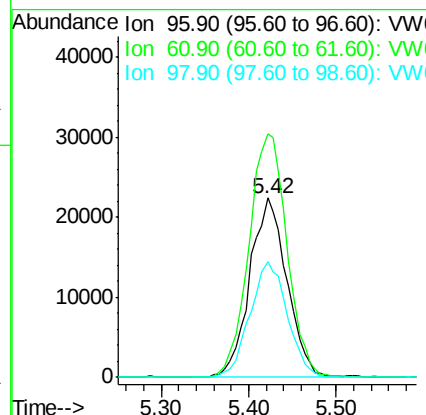
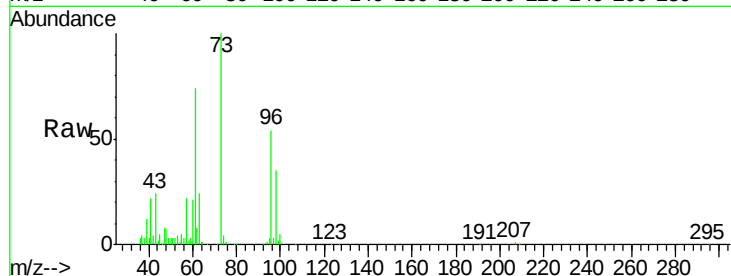
ClientSampled :

VW0227SBS01

Tot Ion:	96	Resp:	66027
Ion Ratio	Lower	Upper	
96	100		
61	135.7	114.6	171.8
98	64.3	54.0	81.0

Manual Integrations
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3/1/2019 12:09:41 AM



#22

Diisopropyl ether

Concen: 19.189 ug/l

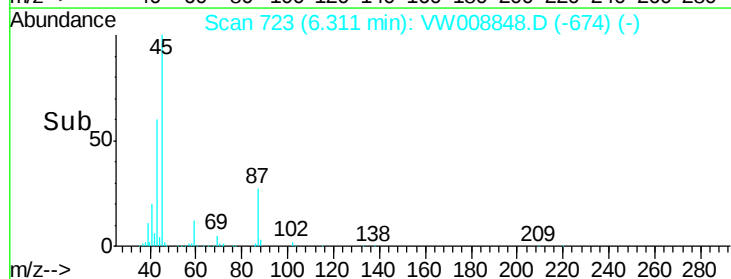
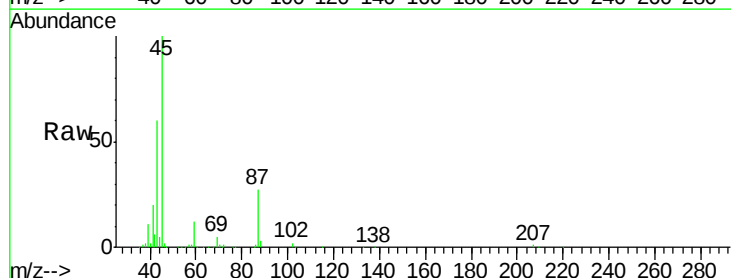
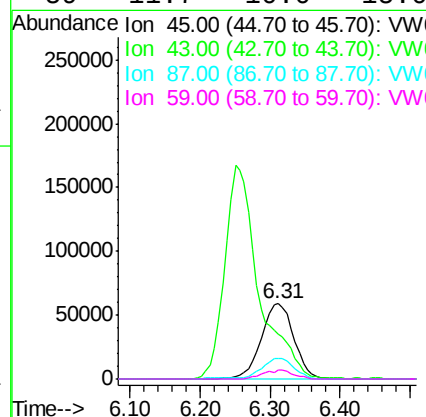
RT: 6.31 min Scan# 723

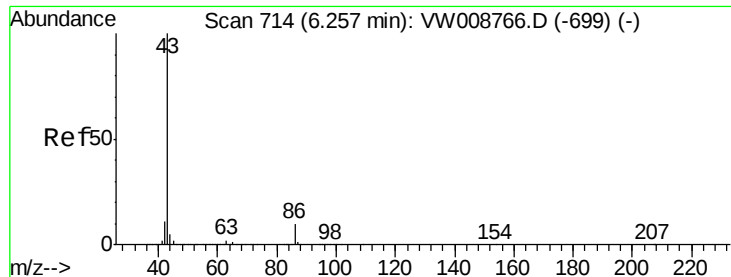
Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Tgt Ion:	45	Resp:	192084
Ion Ratio	Lower	Upper	
45	100		
43	59.3	46.1	69.1
87	26.9	22.2	33.4
59	11.7	10.0	15.0





#23

Vinyl Acetate

Concen: 91.749 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBS01

Tot Ion: 43 Resp: 567457

Ion Ratio Lower Upper

43 100

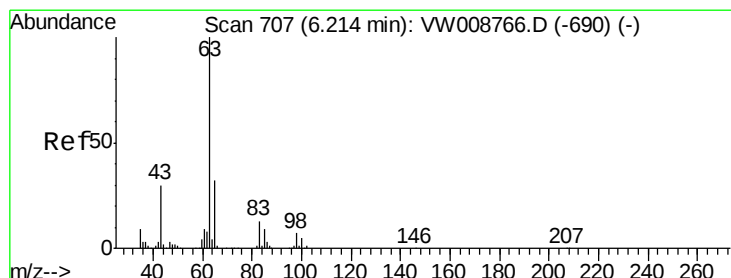
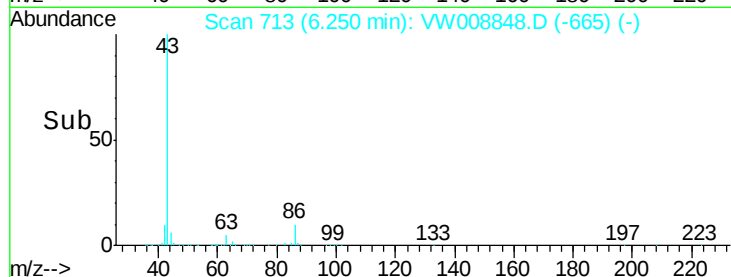
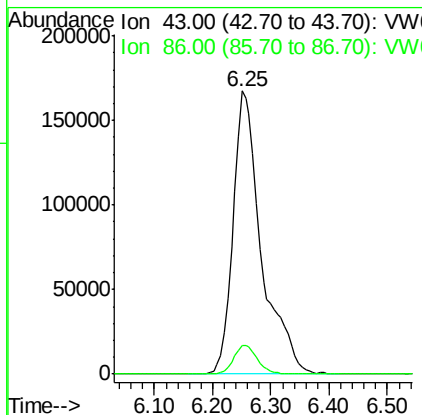
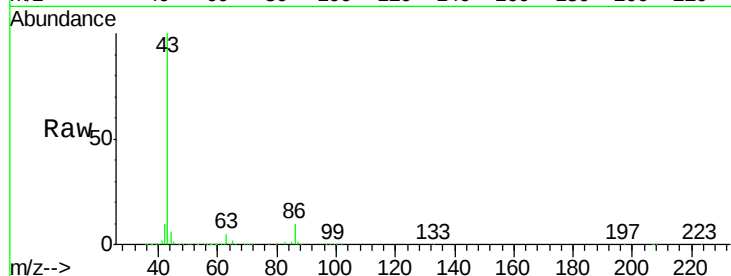
86 10.1 8.1 12.1

Manual Integrations

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MMDadoda

3/1/2019 12:09:41 AM



#24

1,1-Dichloroethane

Concen: 19.889 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

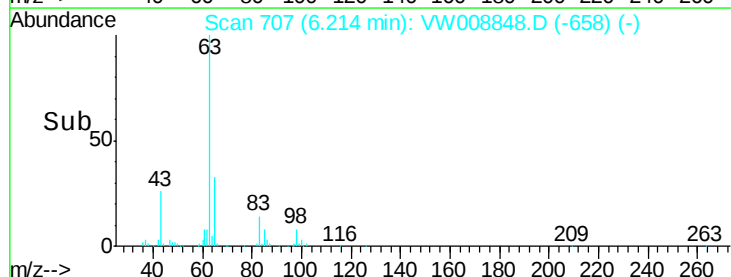
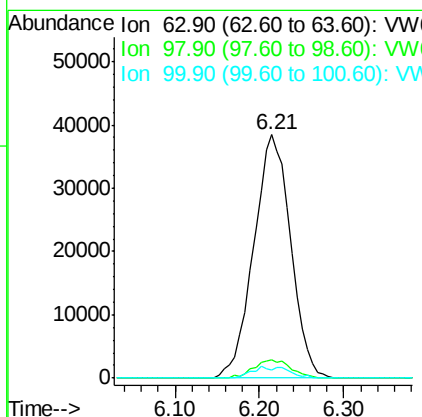
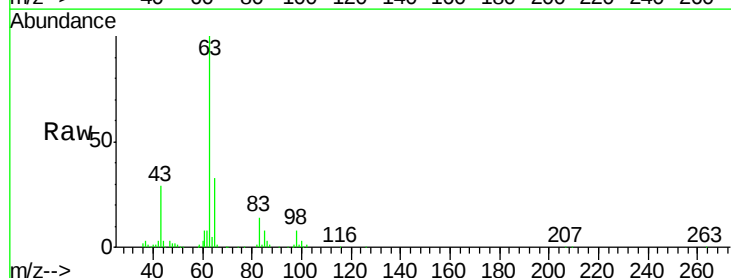
Tgt Ion: 63 Resp: 115371

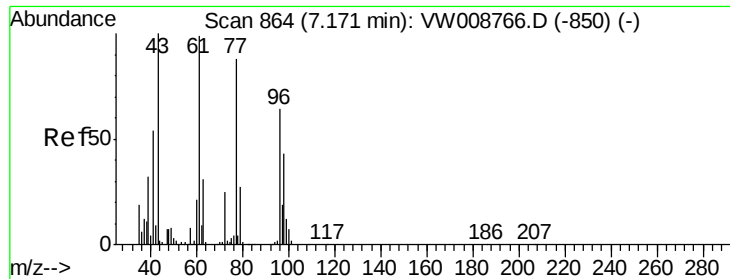
Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.6

100 3.5 2.4 7.2





#25

2-Butanone

Concen: 78.712 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBS01

Tot Ion: 43 Resp: 79444

Ion Ratio Lower Upper

43 100

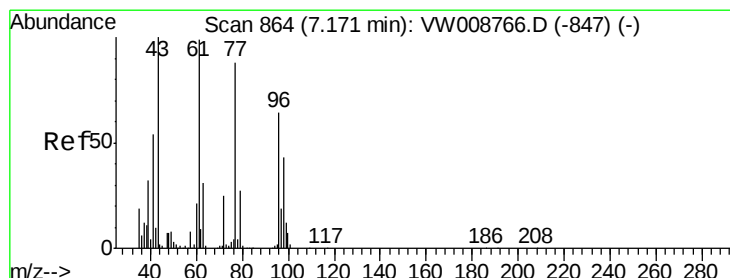
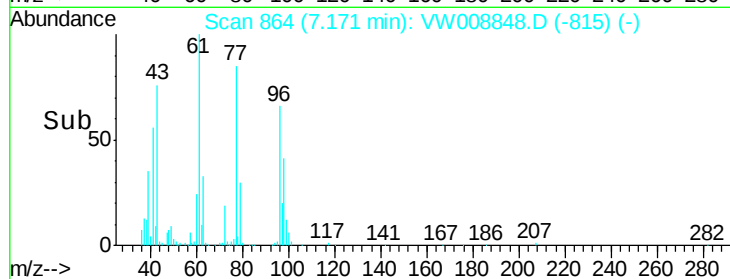
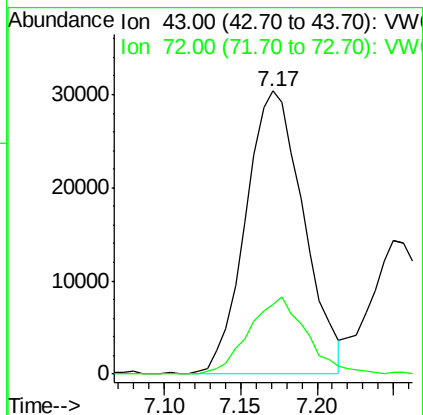
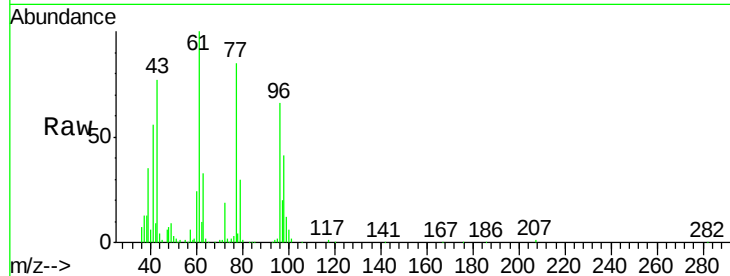
72 24.7 19.7 29.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.702 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008848.D

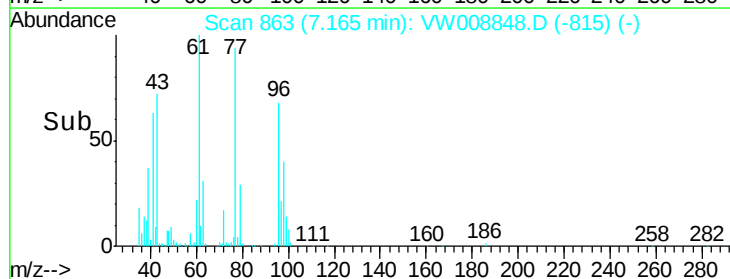
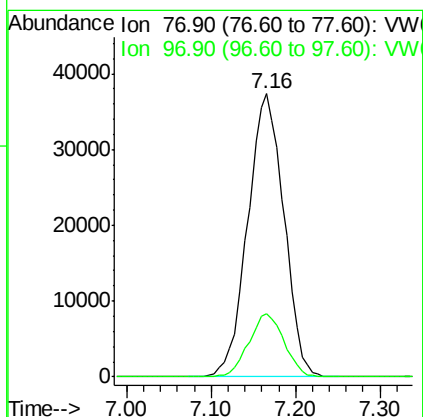
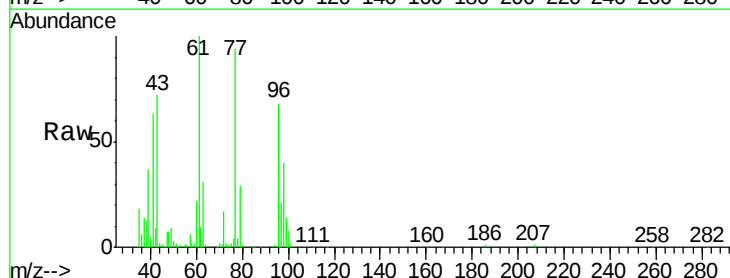
Acq: 27 Feb 2019 12:20

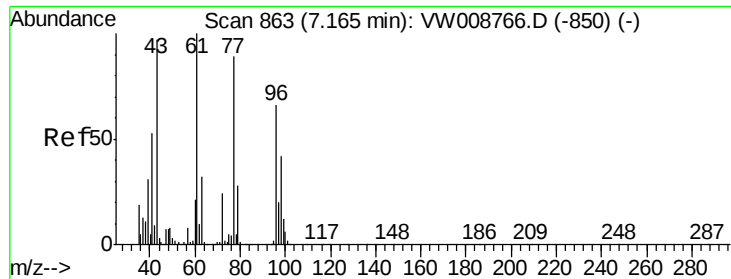
Tgt Ion: 77 Resp: 109022

Ion Ratio Lower Upper

77 100

97 21.8 11.0 33.0





#27

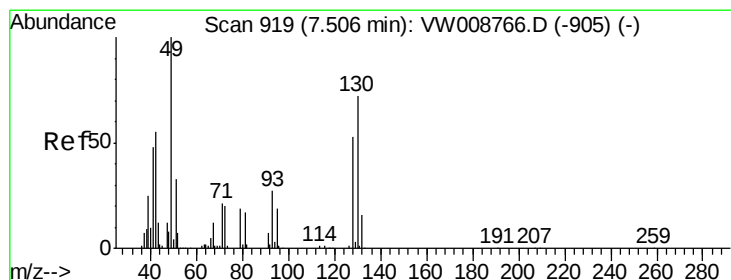
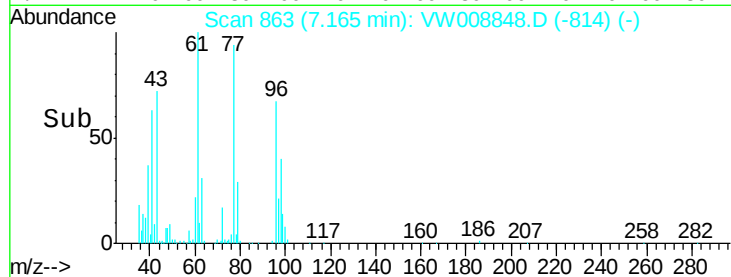
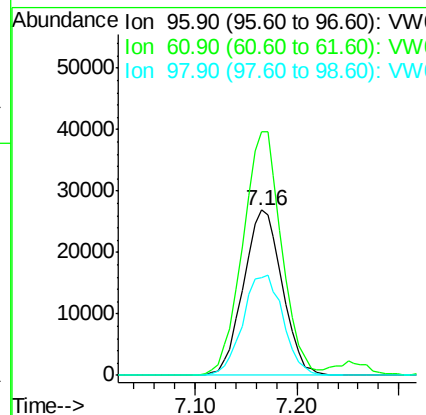
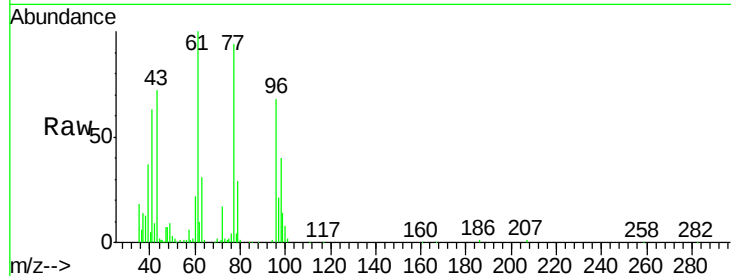
cis-1,2-Dichloroethene
Concen: 19.735 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.7	0.0	302.6
98	62.9	0.0	130.0

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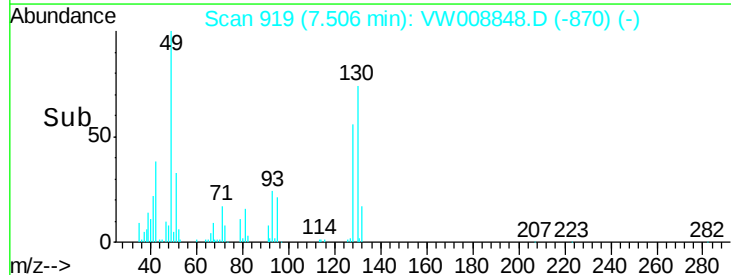
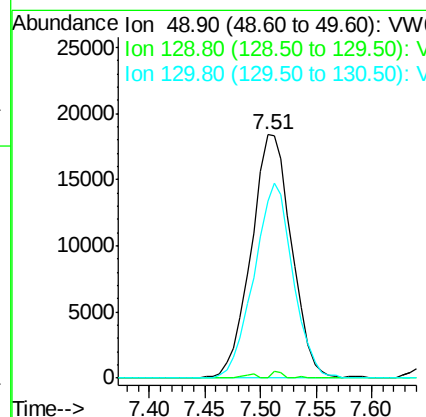
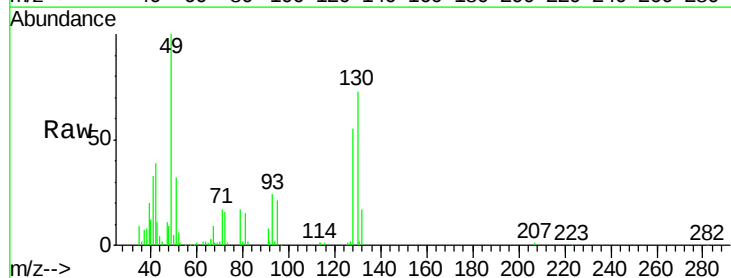
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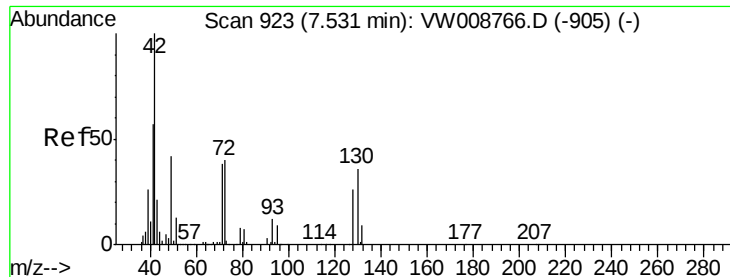


#28

Bromochloromethane
Concen: 19.163 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	2.6
130	77.0	61.3	91.9





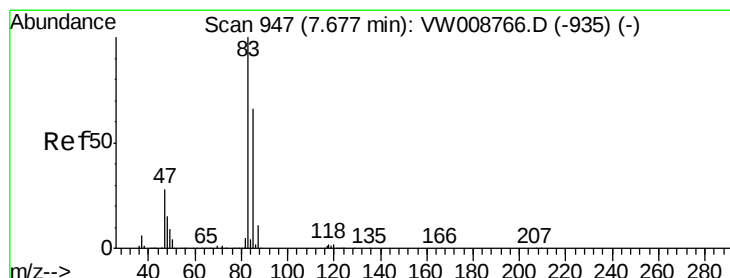
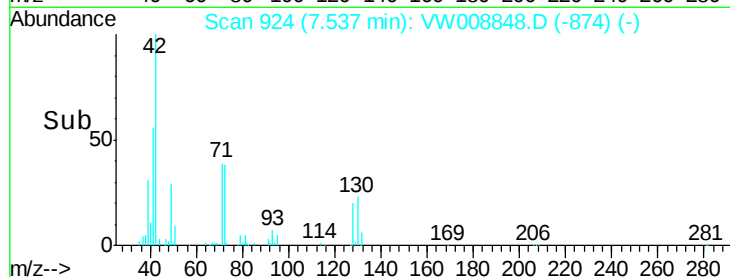
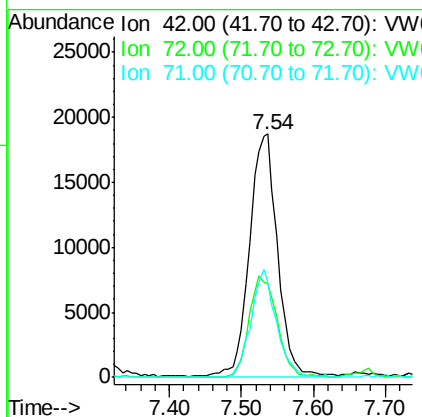
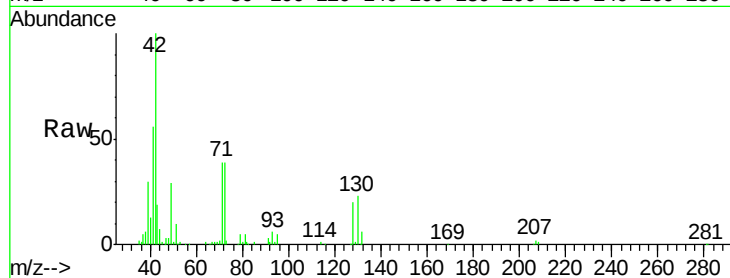
#29
Tetrahydrofuran
Concen: 79.465 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.4	32.7	49.1
71	39.9	31.3	46.9

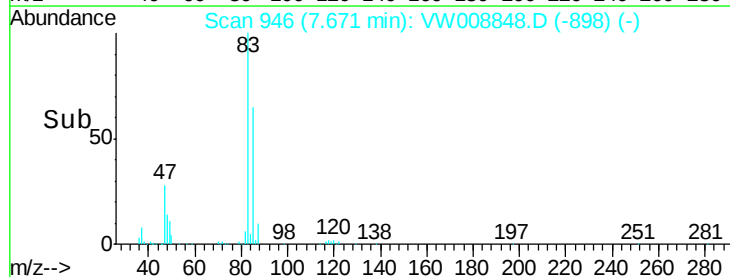
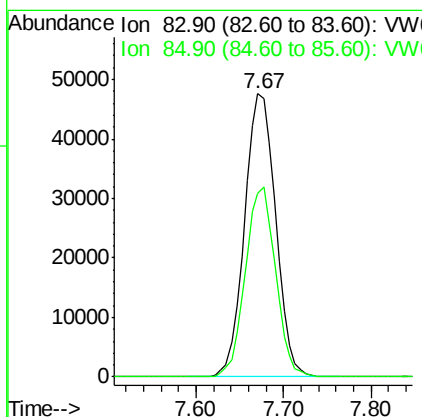
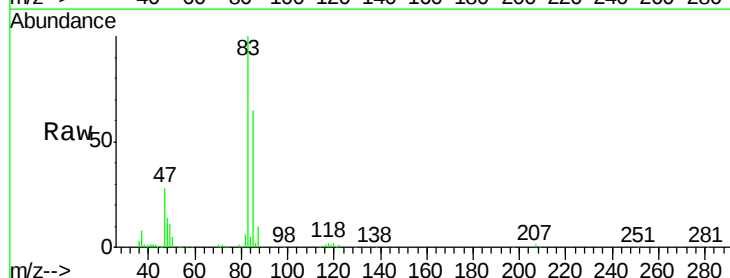
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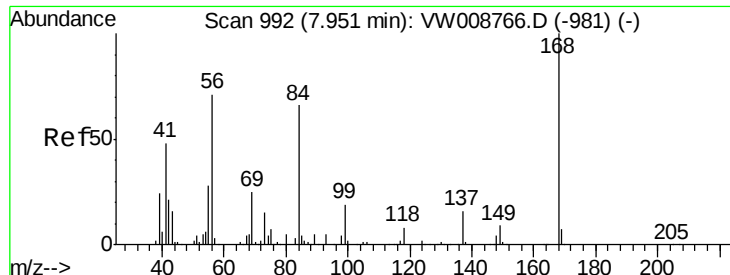
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#30
Chloroform
Concen: 19.771 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.6	79.0





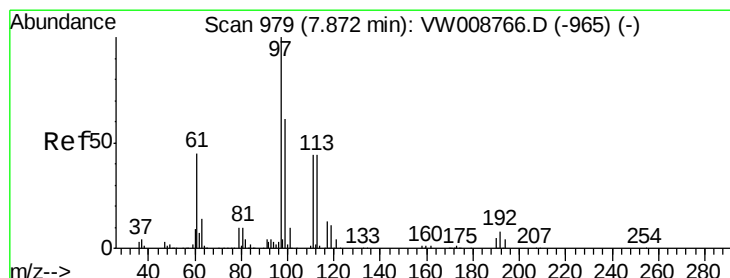
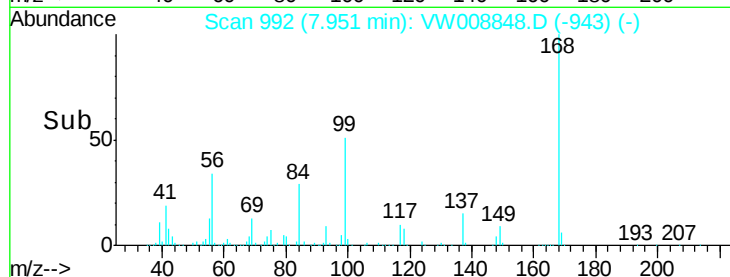
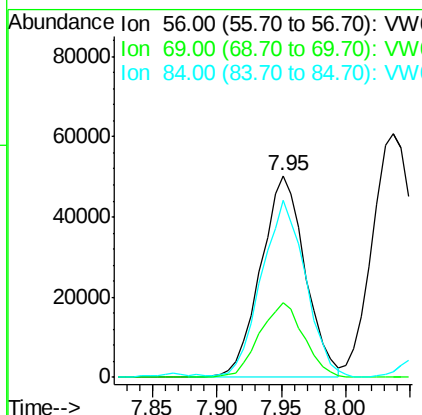
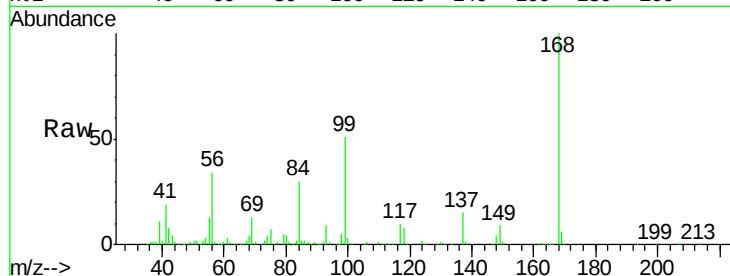
#31
Cvclohexane
Concen: 20.449 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.0	28.2	42.4
84	87.3	74.1	111.1

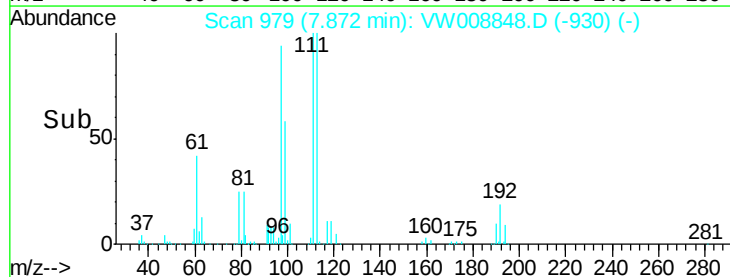
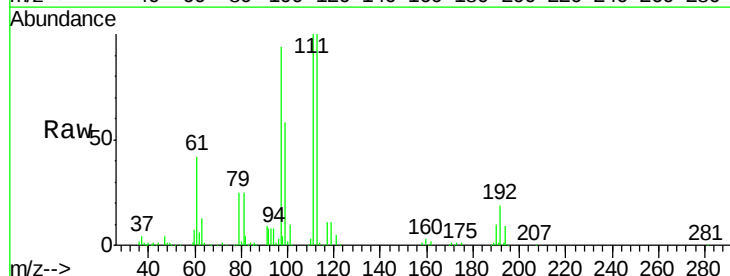
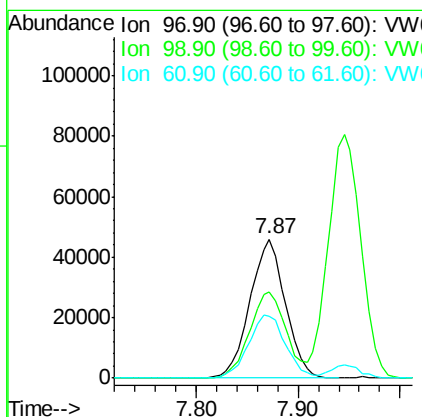
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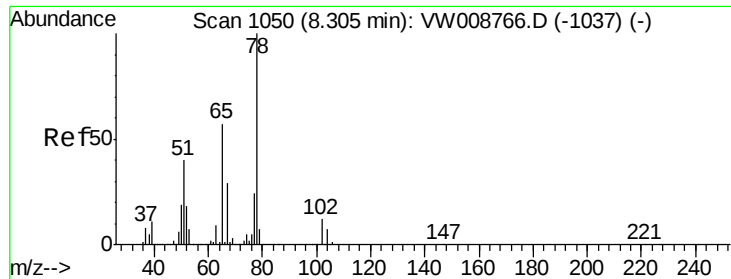
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#32
1,1,1-Trichloroethane
Concen: 20.479 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.8	76.2
61	47.3	36.0	54.0





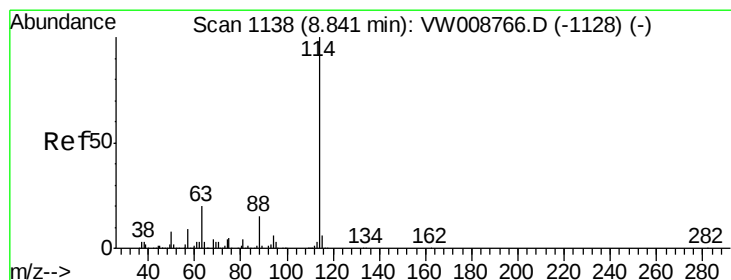
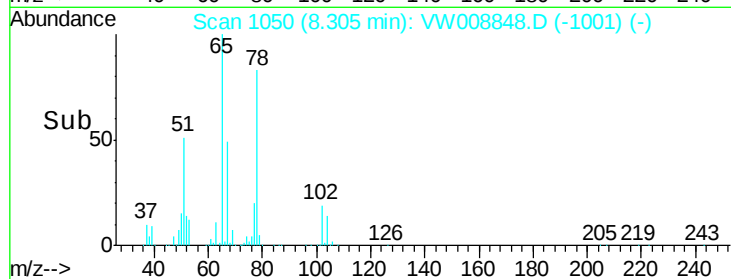
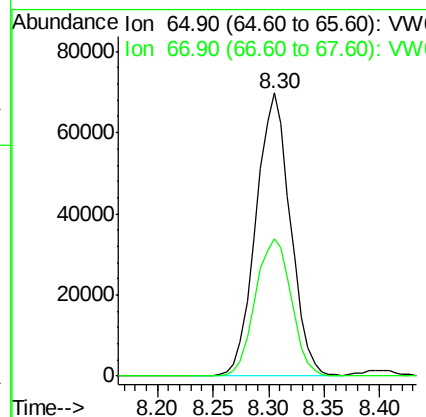
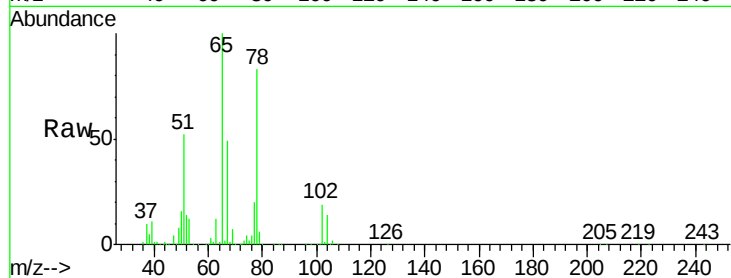
#33
 1,2-Dichloroethane-d4
 Concen: 48.336 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	50.6	0.0	101.4	

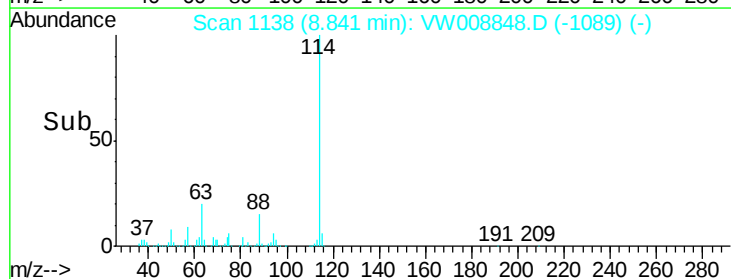
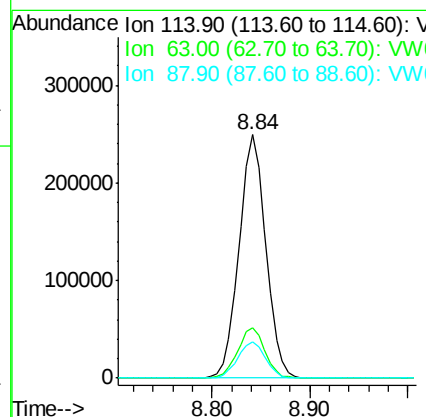
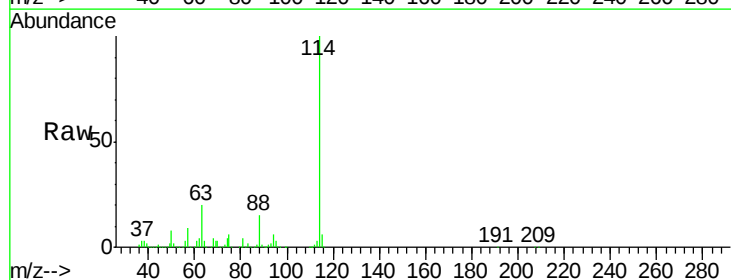
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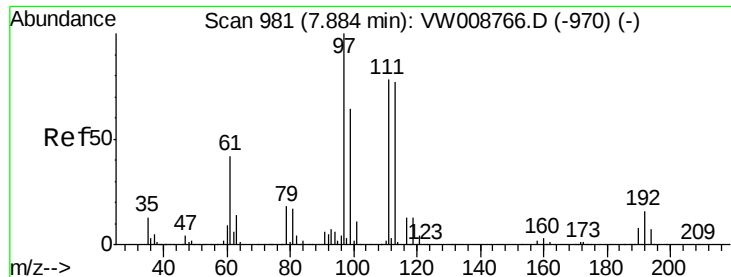
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	40.8	
88	14.7	0.0	30.4	





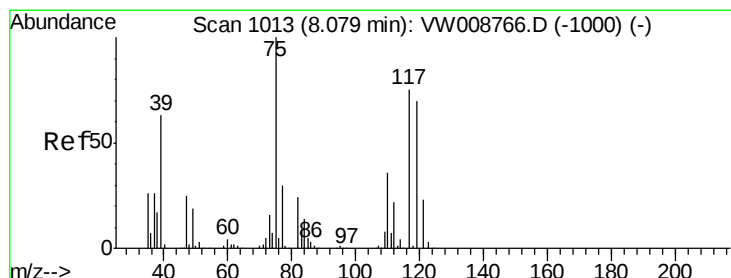
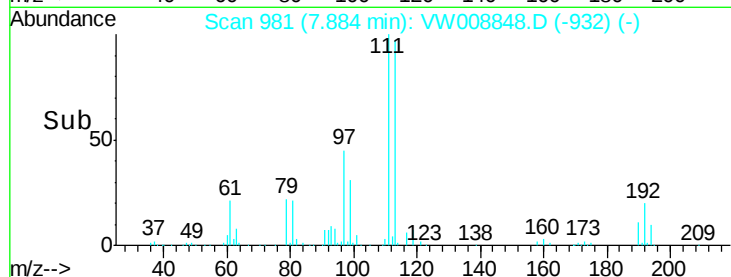
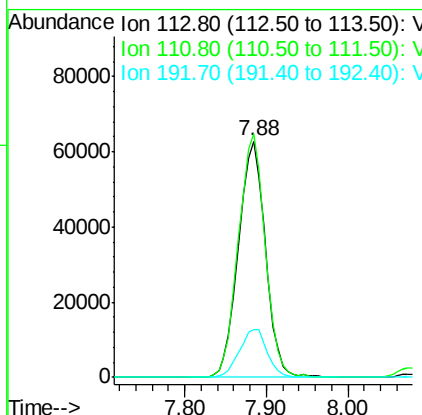
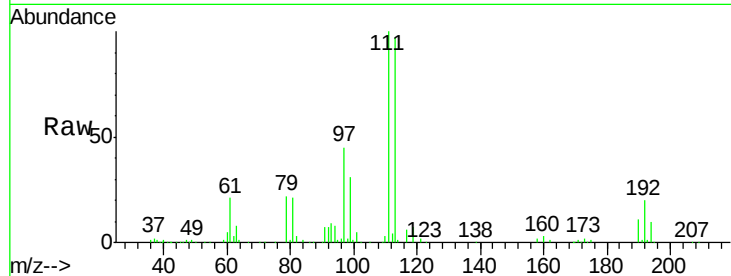
#35
 Dibromofluoromethane
 Concen: 50.753 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	144073		
111	102.1	81.9	122.9	
192	21.0	17.1	25.7	

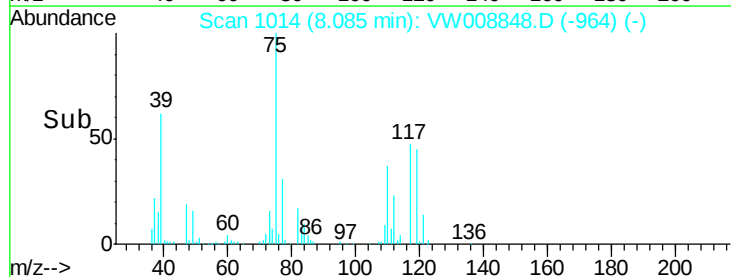
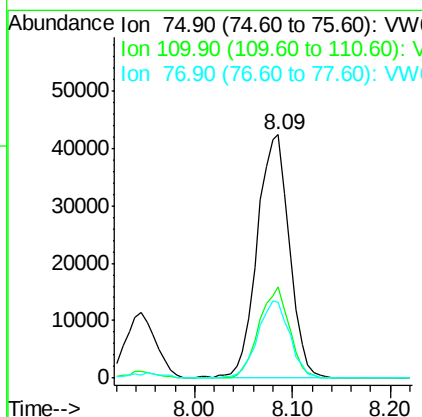
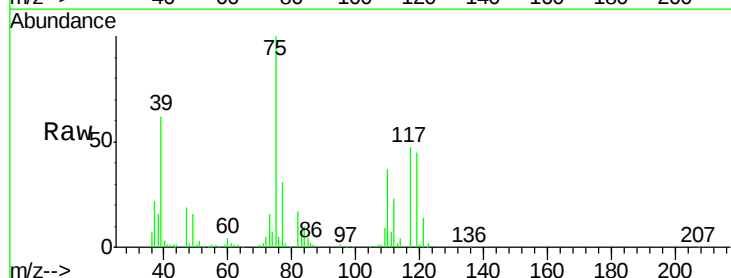
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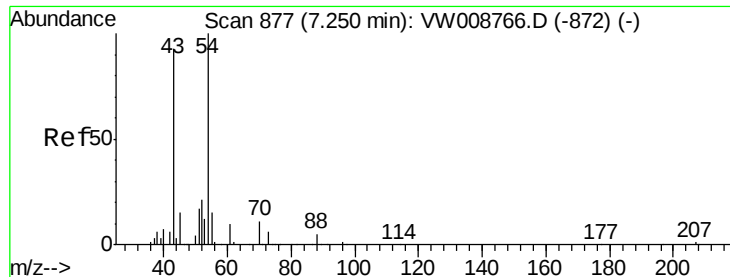
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#36
 1,1-Dichloropropene
 Concen: 21.085 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	97039		
110	35.7	17.5	52.6	
77	31.8	24.5	36.7	





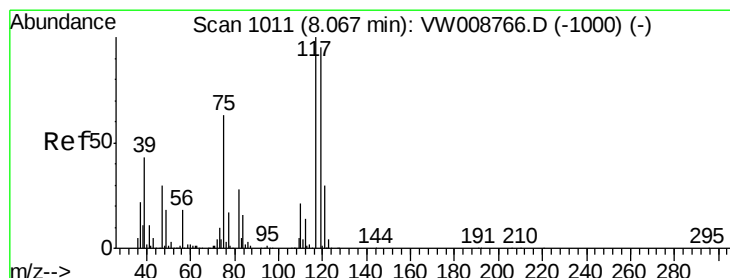
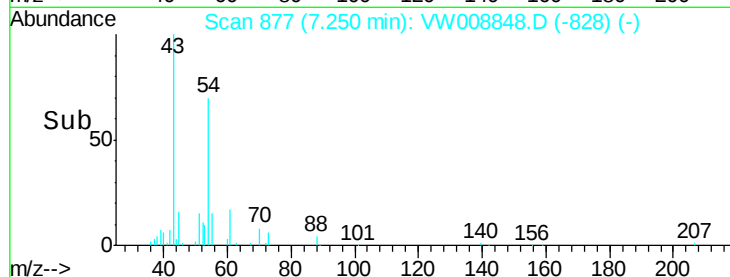
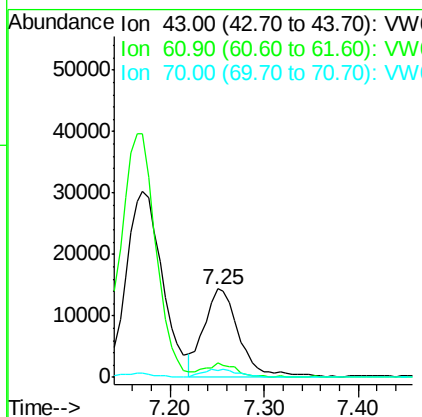
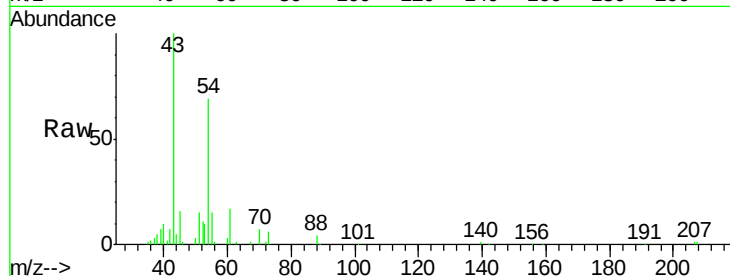
#37
Ethyl Acetate
Concen: 17.064 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	9.8	14.8
70	9.5	8.4	12.6

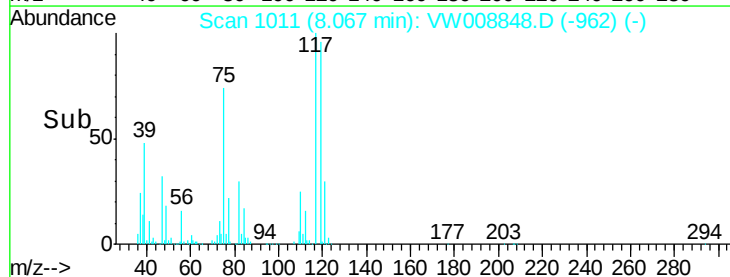
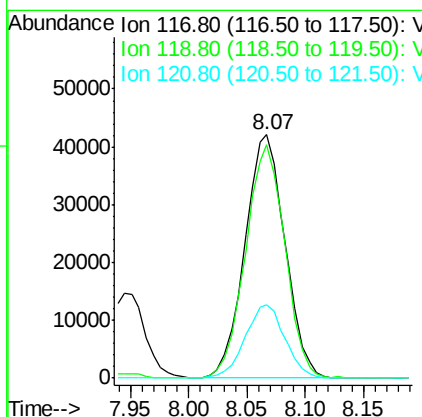
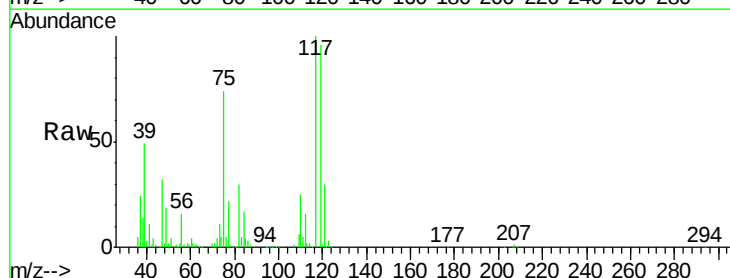
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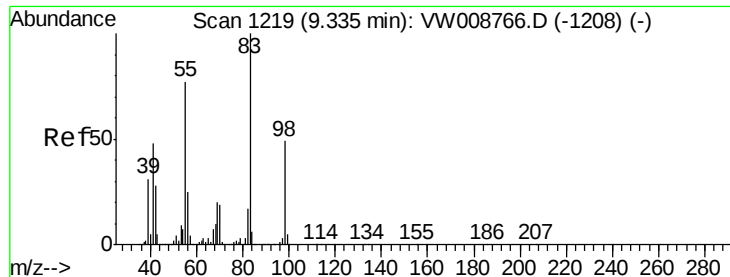
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#38
Carbon Tetrachloride
Concen: 20.850 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.1	114.1
121	30.1	24.0	36.0





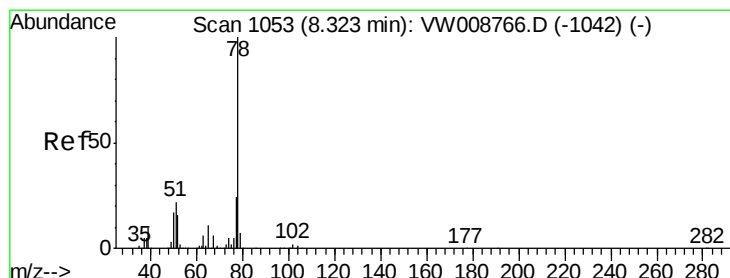
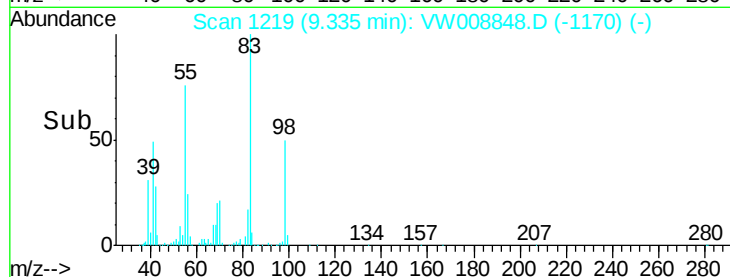
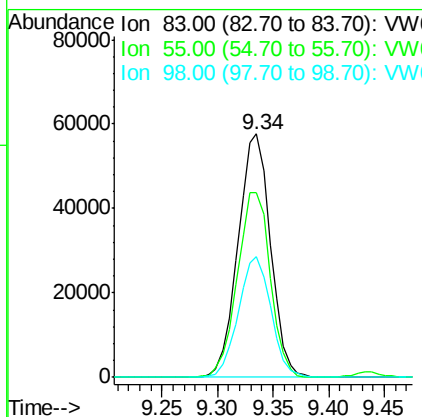
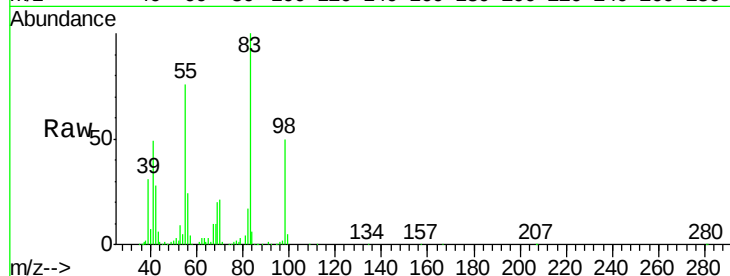
#39
Methvlcvclohexane
Concen: 20.326 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	116682		
55	75.6	61.2	91.8	
98	49.8	39.4	59.2	

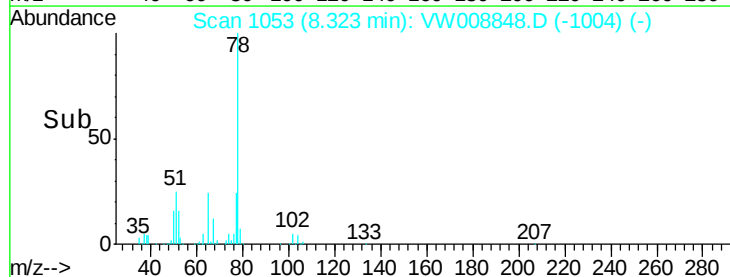
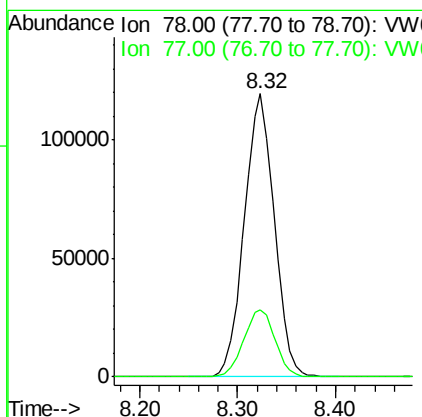
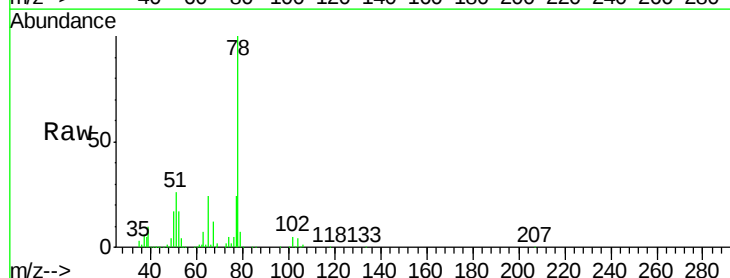
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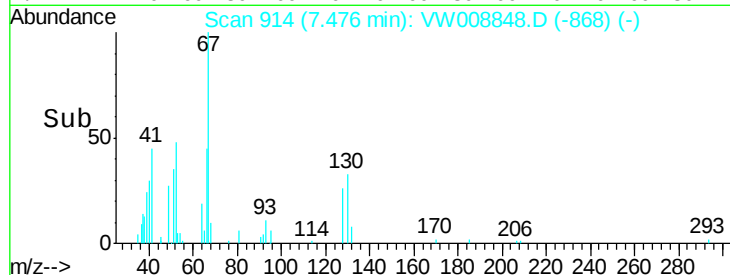
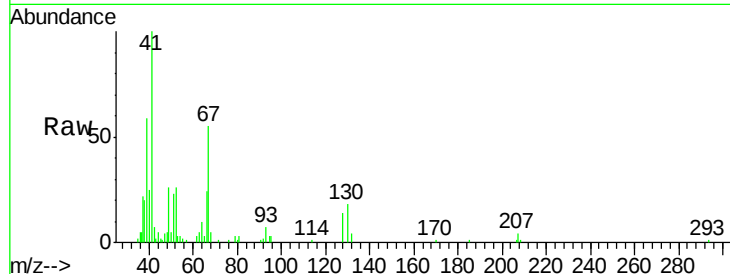
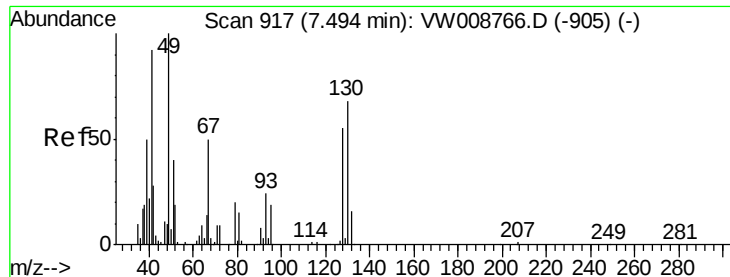
MMDadoda
3/1/2019 12:09:41 AM



#40
Benzene
Concen: 20.282 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	254859		
77	23.8	19.3	28.9	





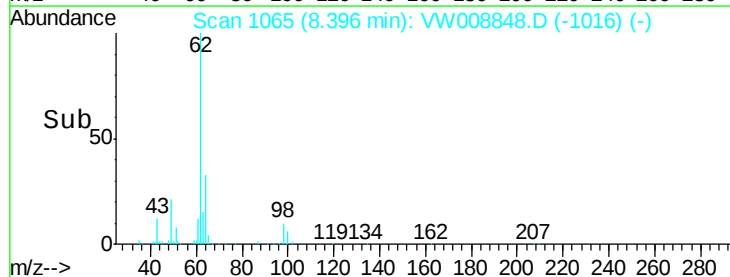
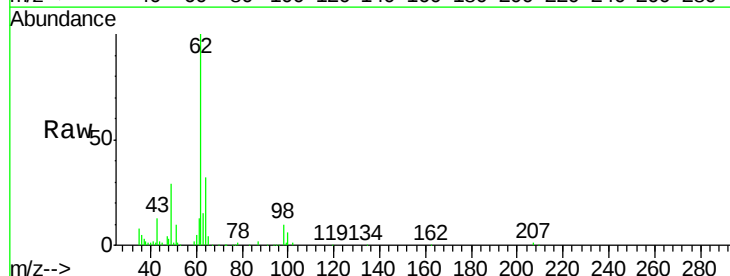
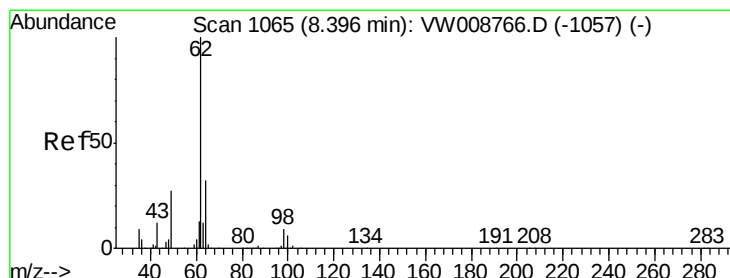
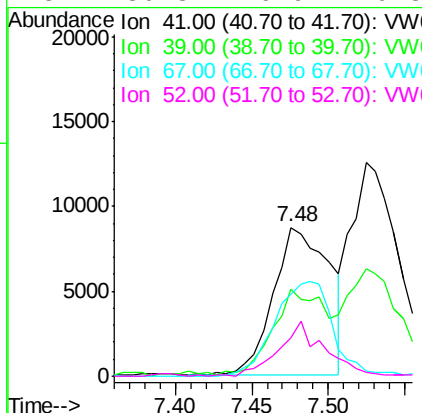
#41
Methacrylonitrile
Concen: 17.646 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.02 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tot Ion	41	Ratio	100	Resp:	22199	Lower	Upper
41	100						
39	52.1			52.5		78.7#	
67	66.6			55.0		82.6	
52	30.3			26.9		40.3	

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

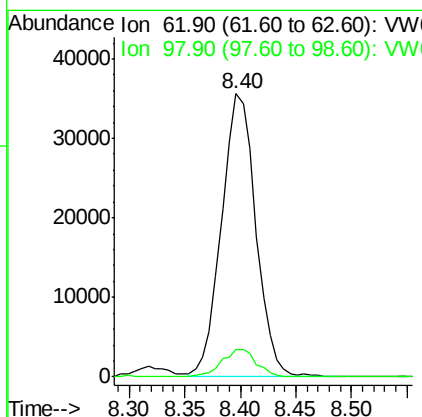
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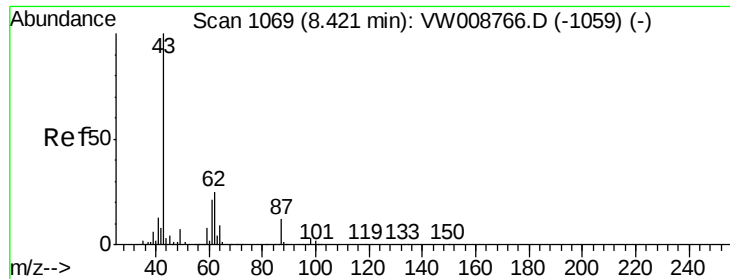
MMDadoda
3/1/2019 12:09:41 AM



#42
1,2-Dichloroethane
Concen: 19.195 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	62	Ratio	100	Resp:	76409	Lower	Upper
62	100						
98	9.8			0.0		18.2	





#43

Isopropyl Acetate

Concen: 17.172 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

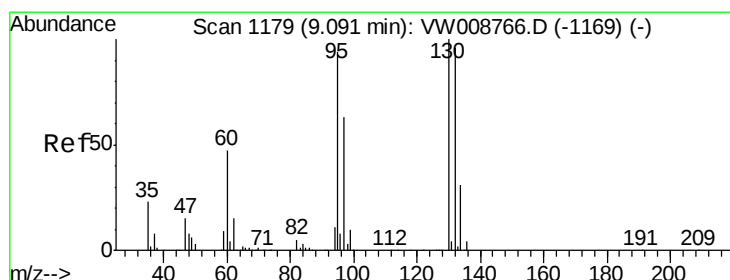
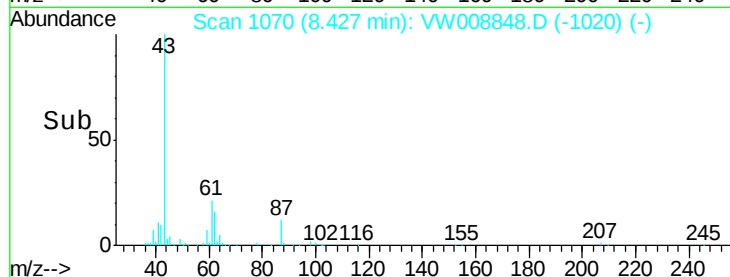
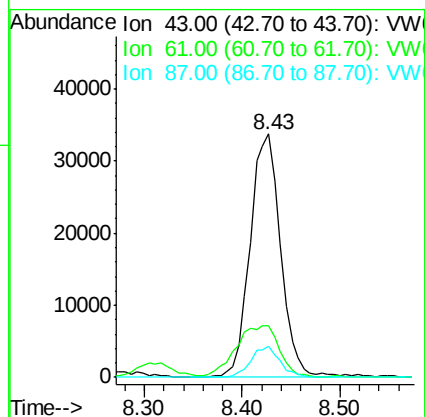
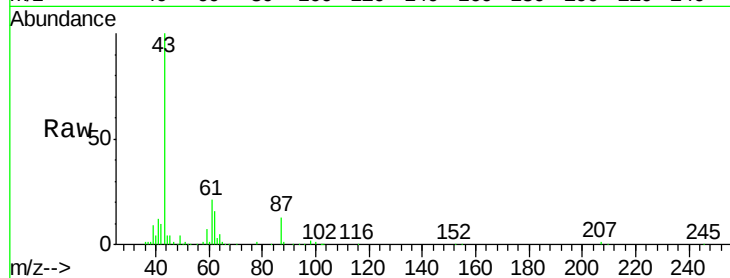
ClientSampleId :

VW0227SBS01

Tot Ion:	43	Resp:	73351
Ion	Ratio	Lower	Upper
43	100		
61	29.7	23.2	34.8
87	12.4	9.9	14.9

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3/1/2019 12:09:41 AM



#44

Trichloroethene

Concen: 20.555 ug/l

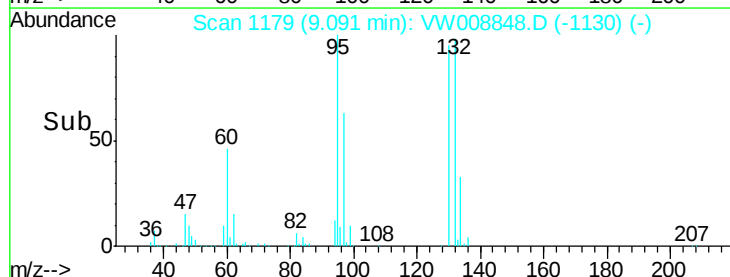
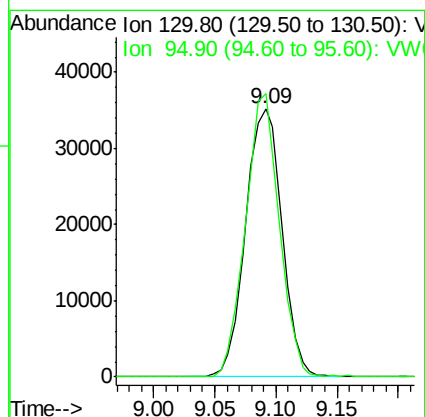
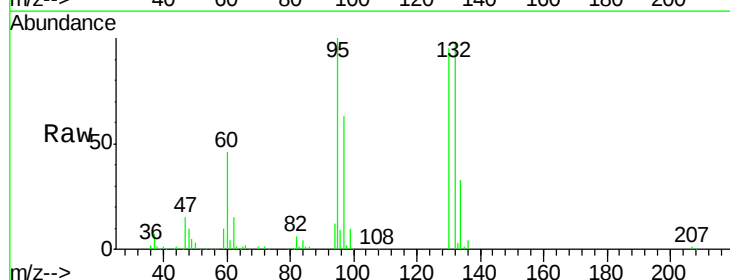
RT: 9.09 min Scan# 1179

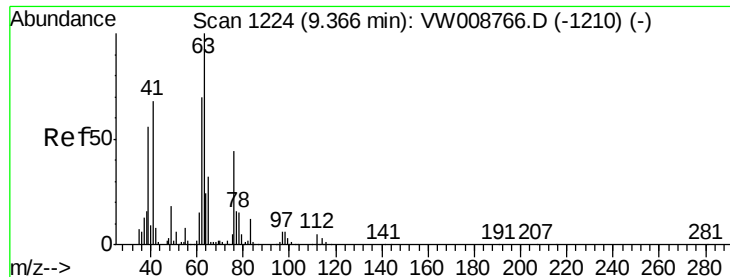
Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Tgt Ion:	130	Resp:	72763
Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	188.6





#45

1,2-Dichloropropane

Concen: 20.438 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBS01

Tot Ion: 63 Resp: 63466

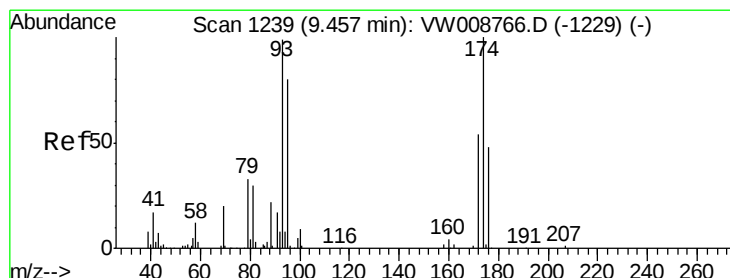
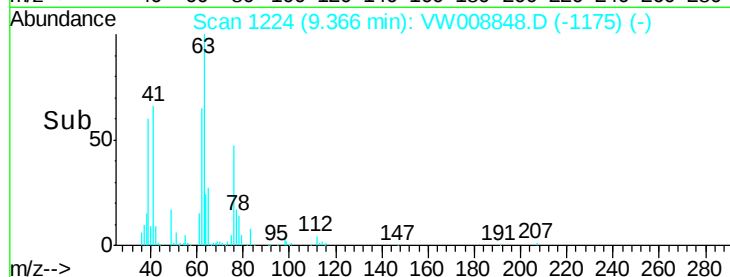
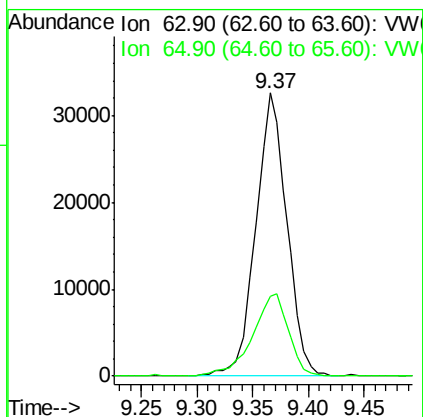
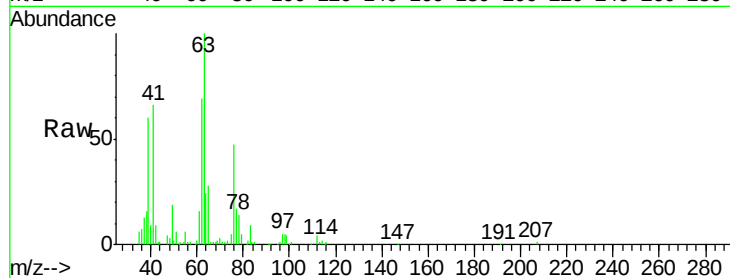
Ion Ratio Lower Upper

63 100

65 28.1 25.5 38.3

Manual Integrations
APPROVED

MMDadoda
3/1/2019 12:09:41 AM



#46

Dibromomethane

Concen: 18.106 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

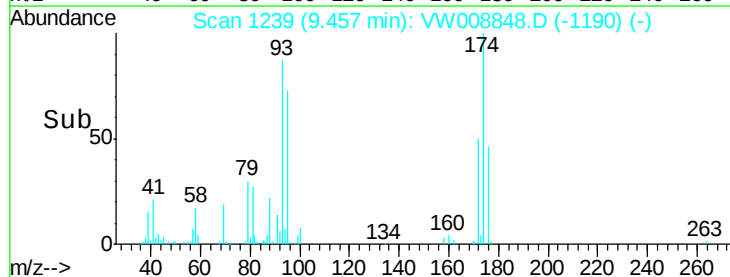
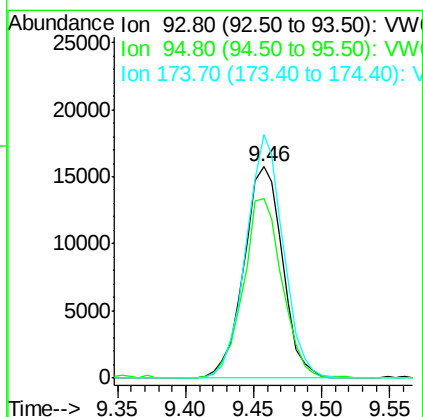
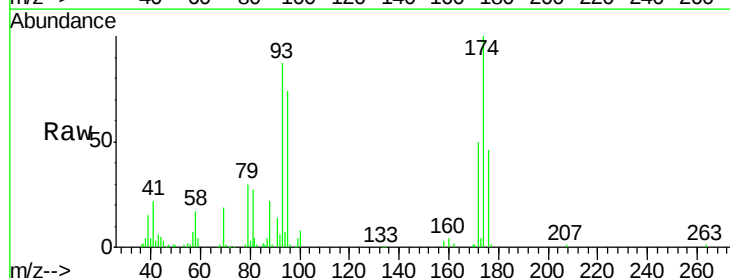
Tgt Ion: 93 Resp: 31273

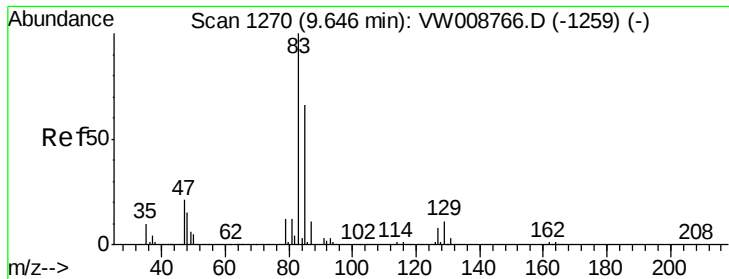
Ion Ratio Lower Upper

93 100

95 85.8 67.7 101.5

174 110.7 86.7 130.1





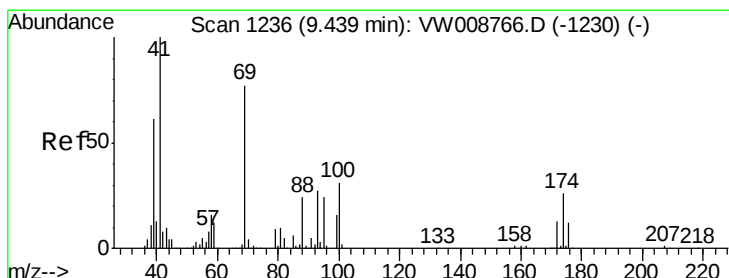
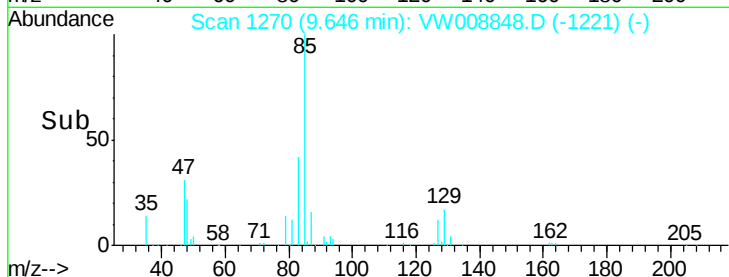
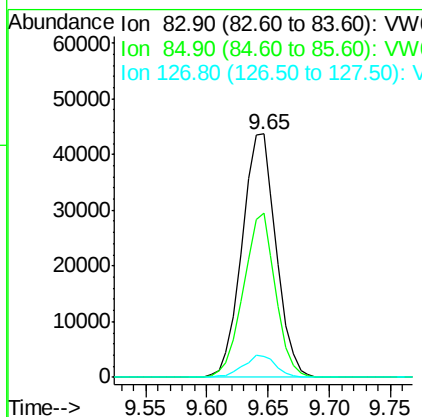
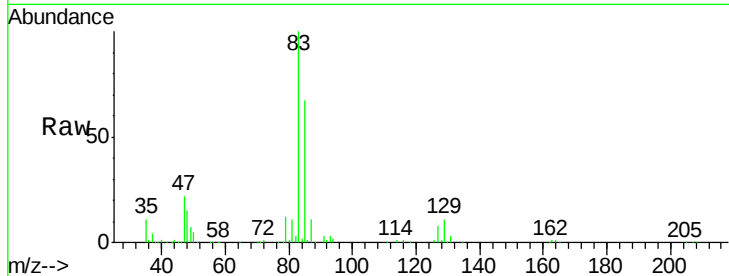
#47
Bromodichloromethane
Concen: 20.059 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	84295		
85	67.5	52.5	78.7	
127	8.3	6.7	10.1	

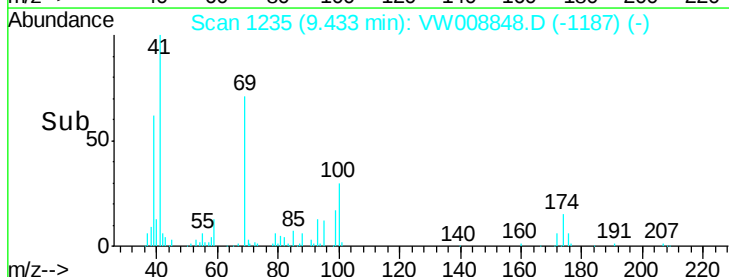
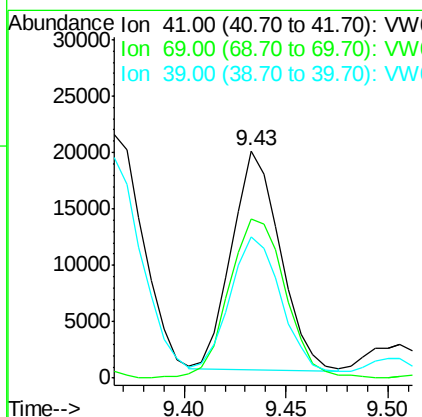
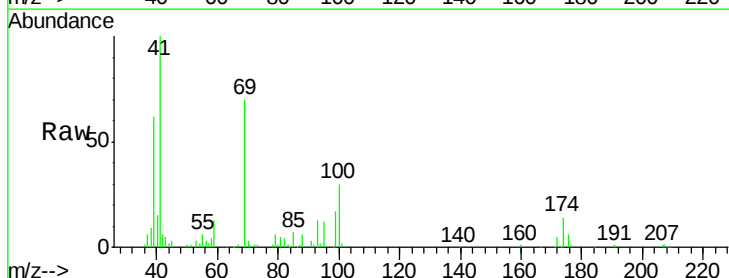
Manual Integrations
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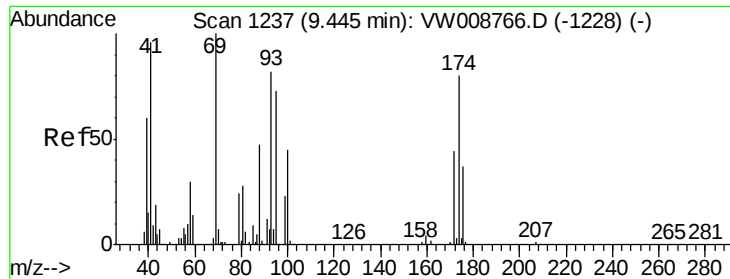
MMDadoda
3/1/2019 12:09:41 AM



#48
Methyl methacrylate
Concen: 15.701 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	32120		
69	84.4	63.6	95.4	
39	70.2	52.1	78.1	





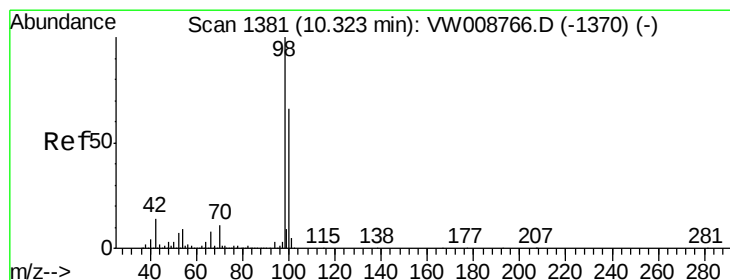
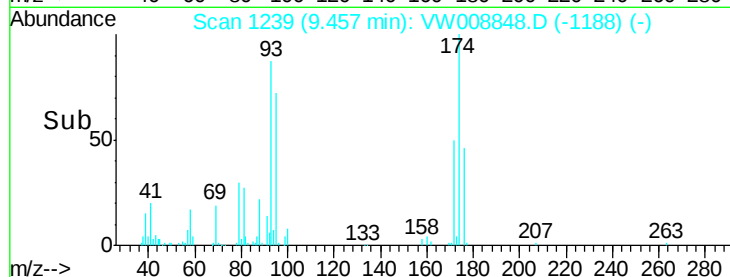
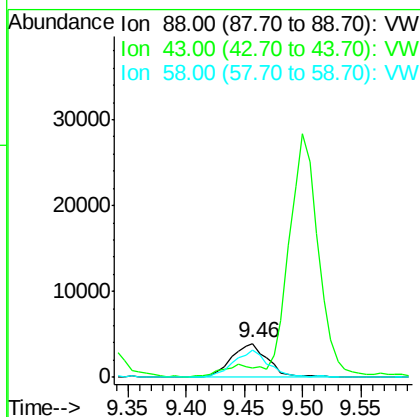
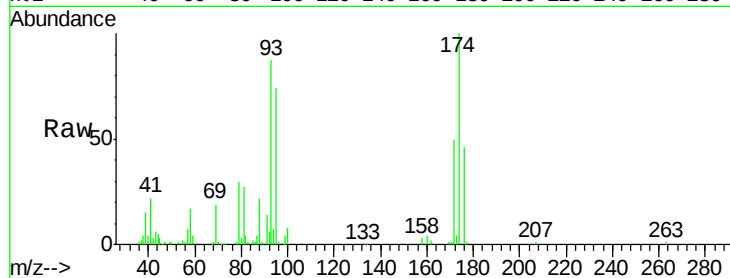
#49
1,4-Dioxane
Concen: 314.133 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	88	Resp	8689
Ion	Ratio	Lower	Upper
88	100		
43	28.8	29.0	43.4#
58	75.0	52.0	78.0

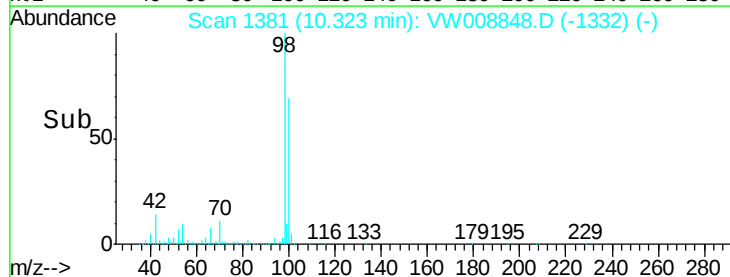
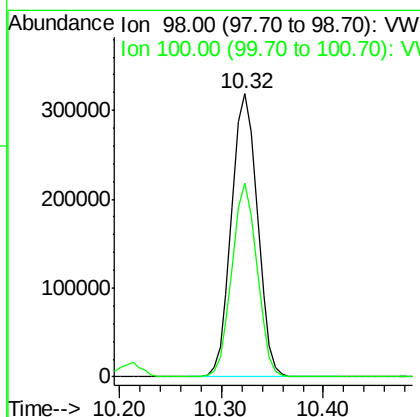
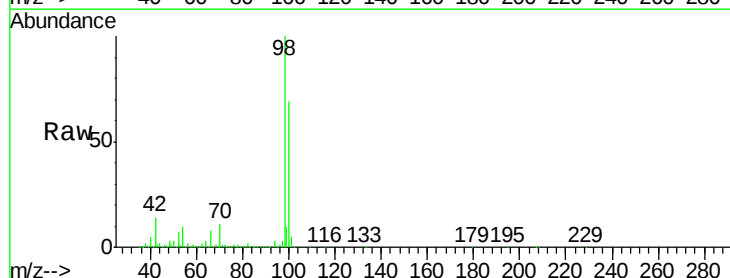
Manual Integrations
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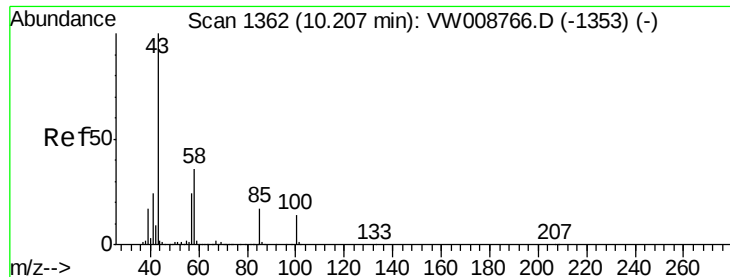
MMDadoda
3/1/2019 12:09:41 AM



#50
Toluene-d8
Concen: 51.306 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	98	Resp	562227
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6





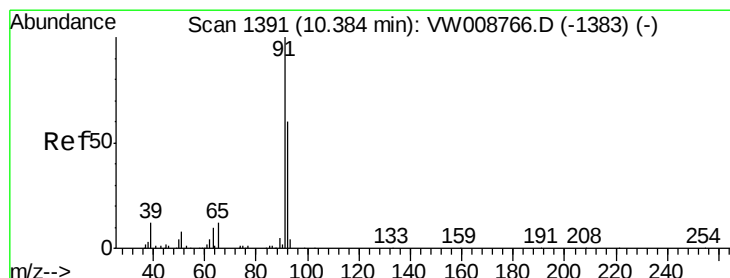
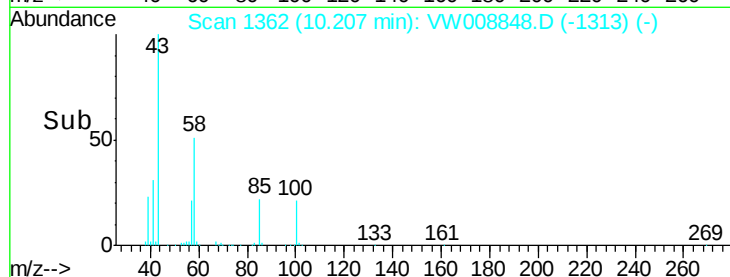
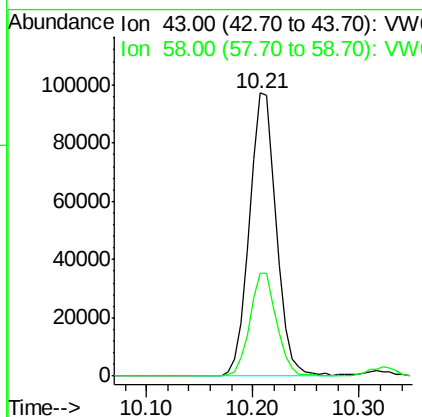
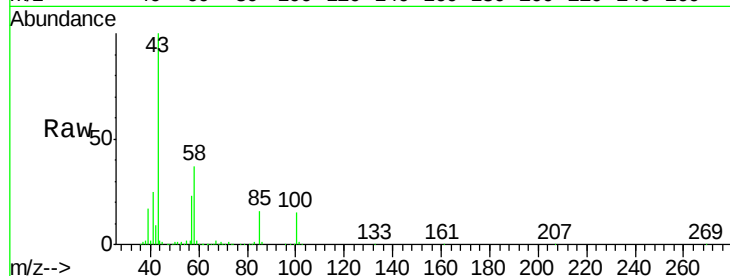
#51
 4-Methyl-2-Pentanone
 Concen: 79.981 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampled :
 VW0227SBS01

Tot Ion	43	Resp	173447
Ion Ratio	43	100	Lower Upper
	58	36.2	29.1 43.7

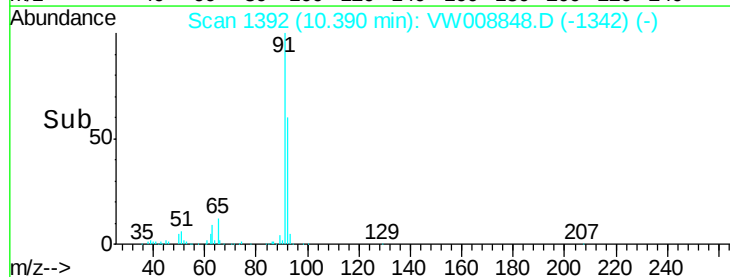
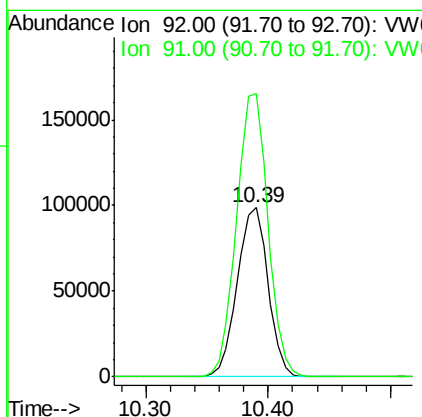
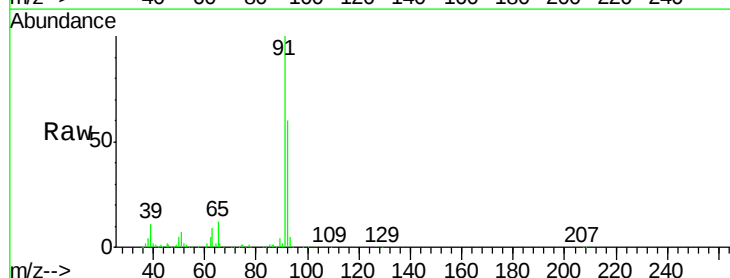
Manual Integrations
 APPROVED

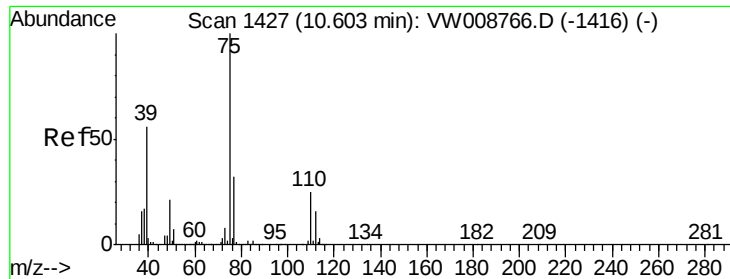
MMDadoda
 3/1/2019 12:09:41 AM



#52
 Toluene
 Concen: 20.236 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. 0.01 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	92	Resp	172573
Ion Ratio	92	100	Lower Upper
	91	170.8	136.9 205.3





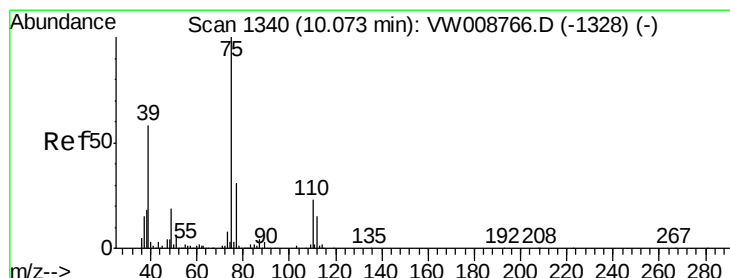
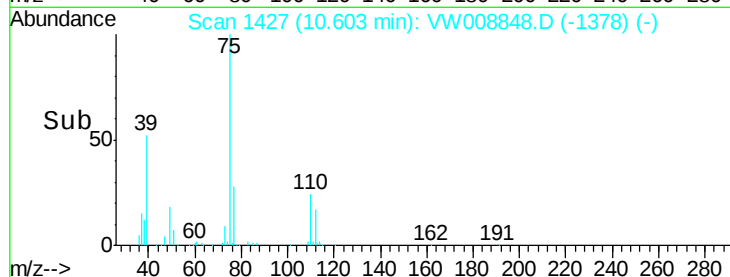
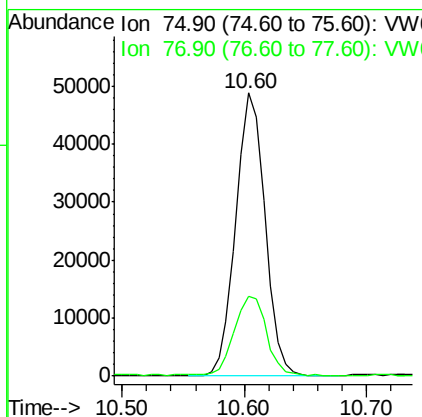
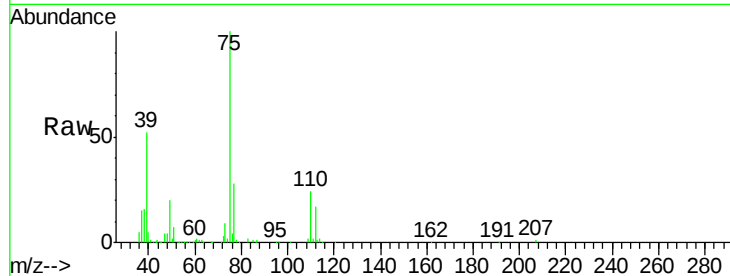
#53
t-1,3-Dichloropropene
Concen: 18.965 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampled :
VW0227SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.4	26.1	39.1

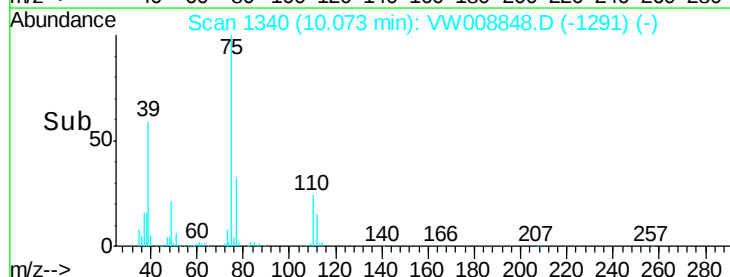
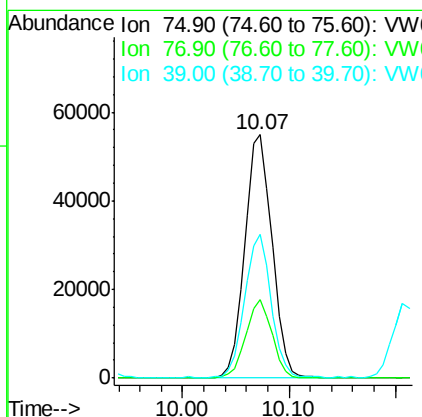
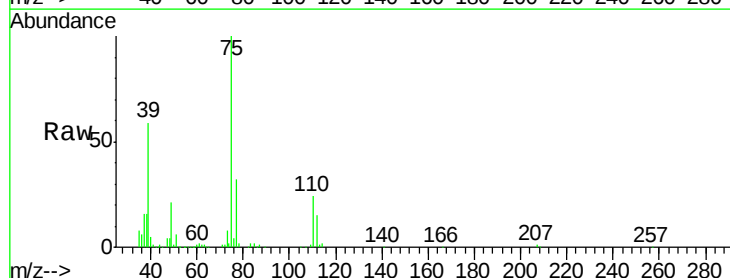
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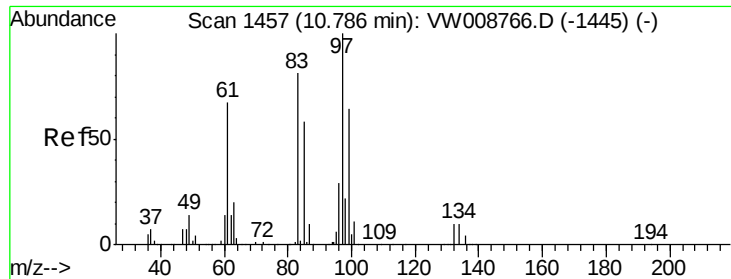
MMDadoda
3/1/2019 12:09:41 AM



#54
cis-1,3-Dichloropropene
Concen: 20.283 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.0	37.4
39	58.6	46.6	70.0





#55

1,1,2-Trichloroethane

Concen: 18.860 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

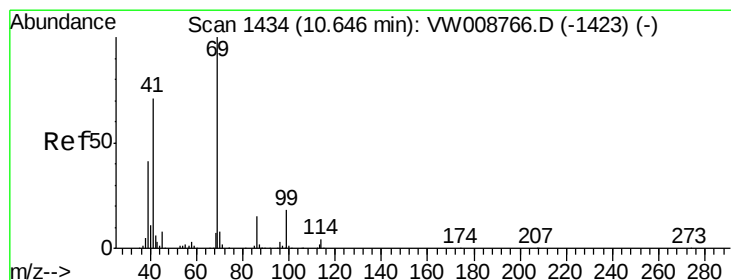
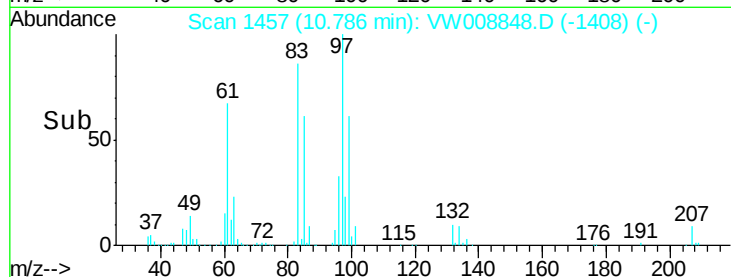
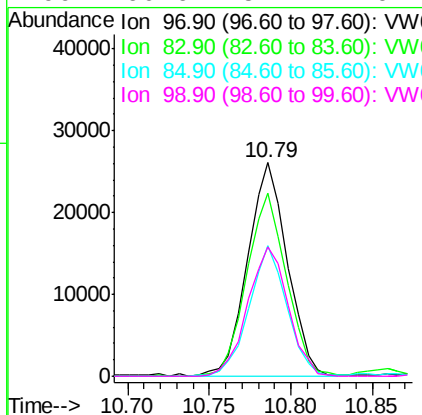
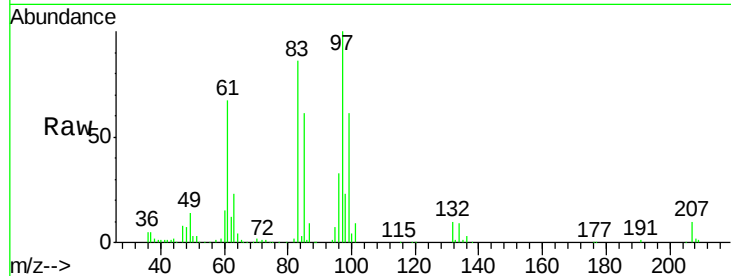
ClientSampleId :

VW0227SBS01

Tot Ion:	97	Resp:	44179
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.0	97.6
85	61.4	46.0	69.0
99	60.6	51.1	76.7

Manual Integrations
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MMDadoda
3/1/2019 12:09:41 AM



#56

Ethyl methacrylate

Concen: 16.311 ug/l

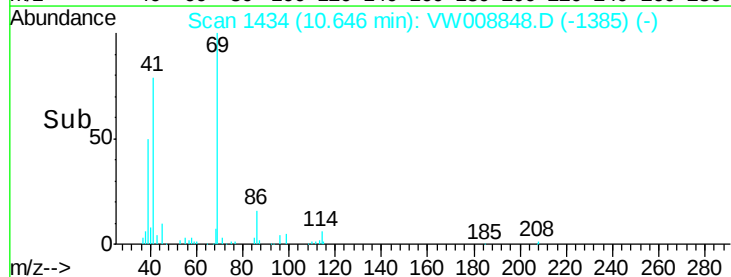
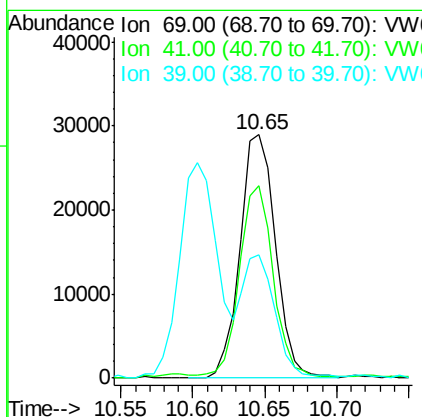
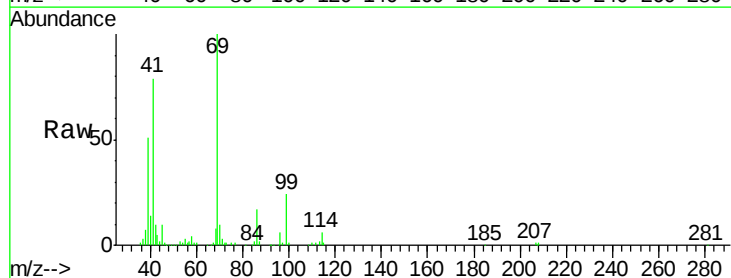
RT: 10.65 min Scan# 1434

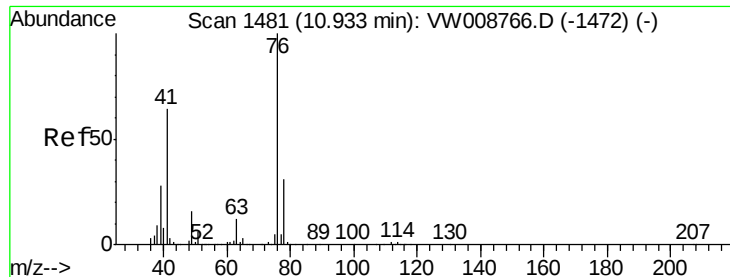
Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Tgt Ion:	69	Resp:	49638
Ion	Ratio	Lower	Upper
69	100		
41	74.0	57.4	86.0
39	45.8	34.8	52.2





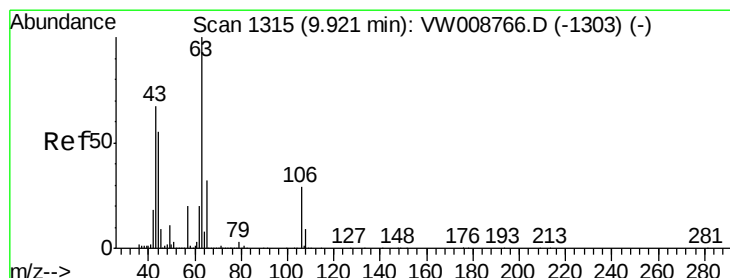
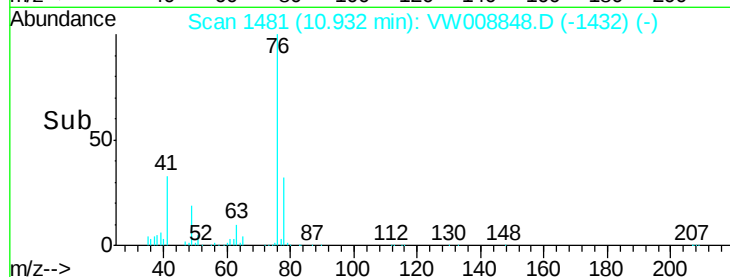
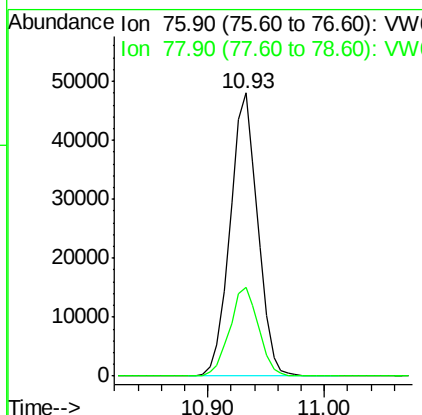
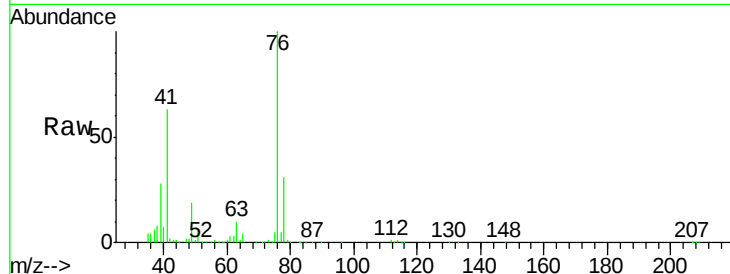
#57
 1,3-Dichloropropane
 Concen: 19.157 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS01

Tot Ion: 76 Resp: 79228
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.8

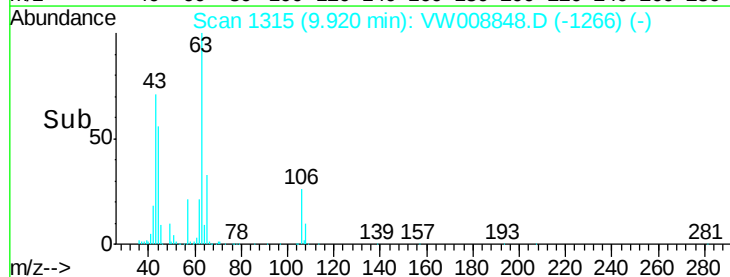
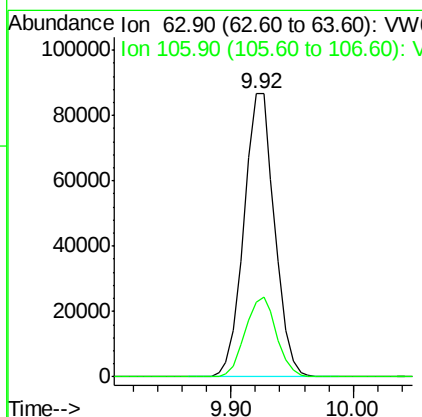
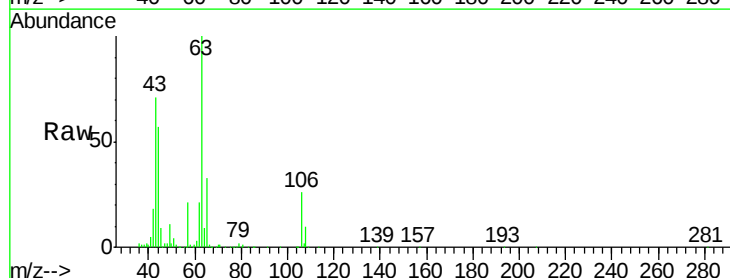
Manual Integrations
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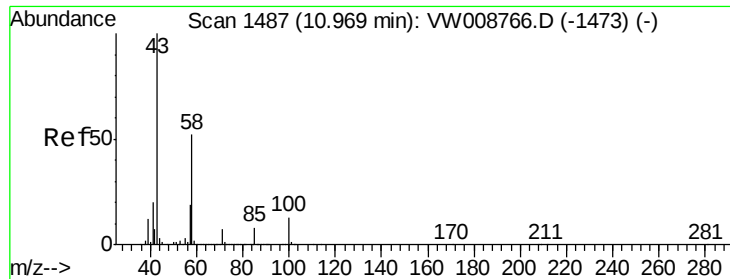
MMDadoda
 3/1/2019 12:09:41 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.011 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion: 63 Resp: 151547
 Ion Ratio Lower Upper
 63 100
 106 28.7 24.0 36.0





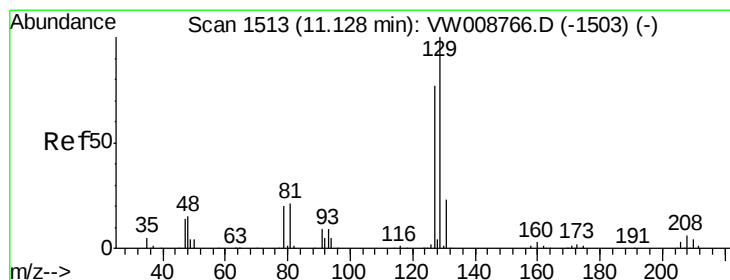
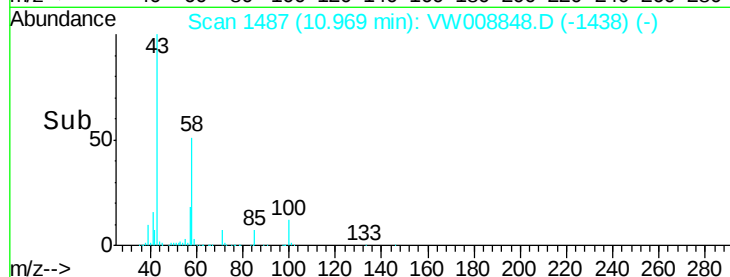
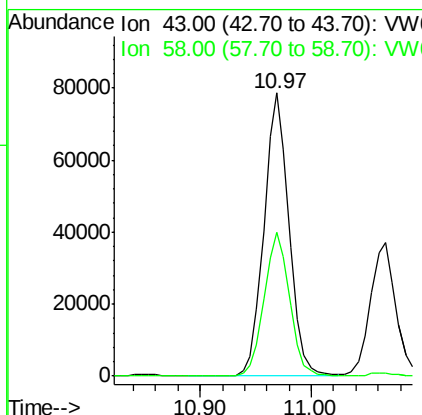
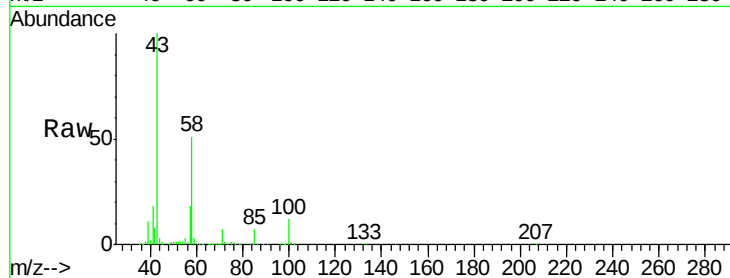
#59
2-Hexanone
Concen: 79.790 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampled :
VW0227SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.8	25.3	75.8

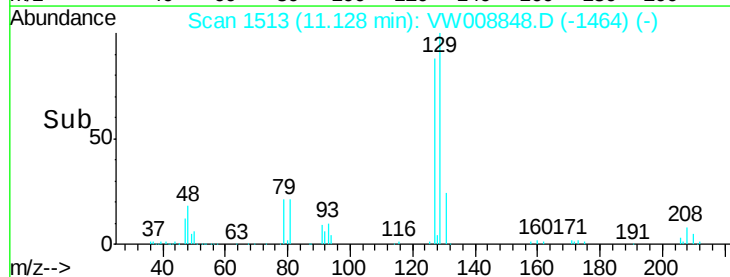
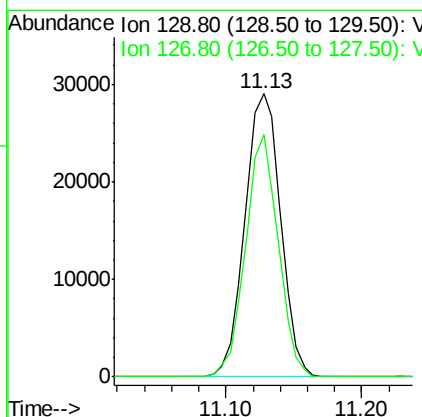
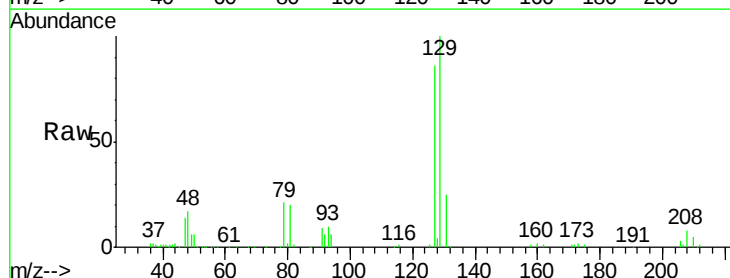
Manual Integrations
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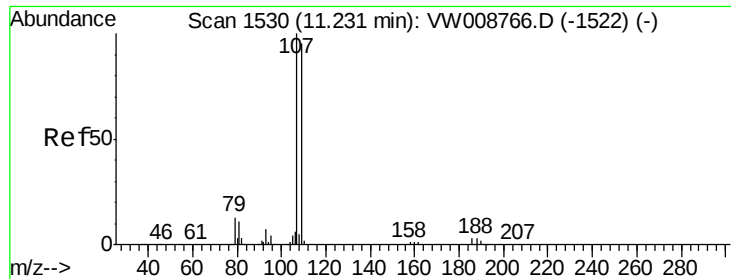
MMDadoda
3/1/2019 12:09:41 AM



#60
Dibromochloromethane
Concen: 18.780 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.1	39.0	116.9





#61

1,2-Dibromoethane

Concen: 18.115 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBS01

Tot Ion:107 Resp: 42001

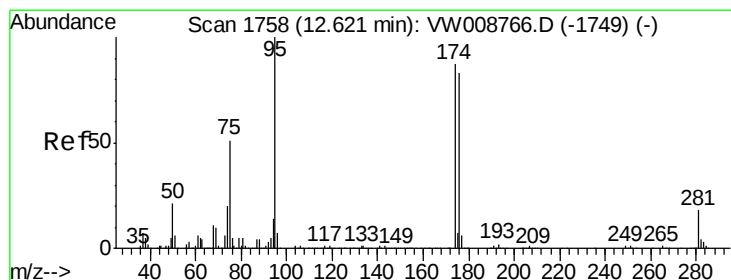
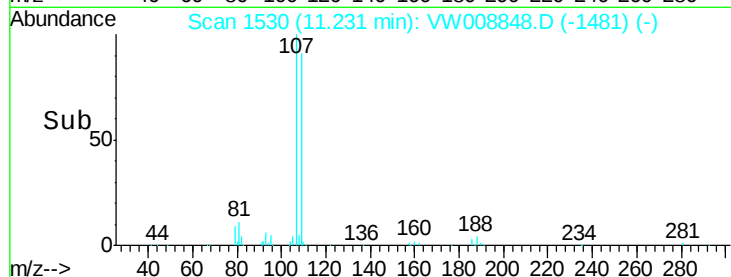
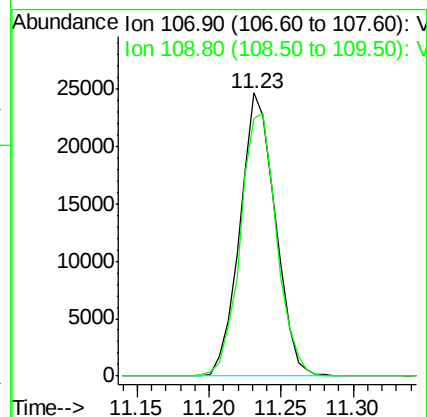
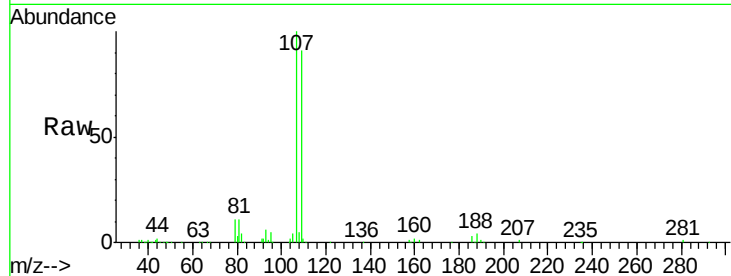
Ion Ratio Lower Upper

107 100

109 94.9 75.6 113.4

Manual Integrations
APPROVED

MMDadoda
3/1/2019 12:09:41 AM



#62

4-Bromofluorobenzene

Concen: 49.520 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

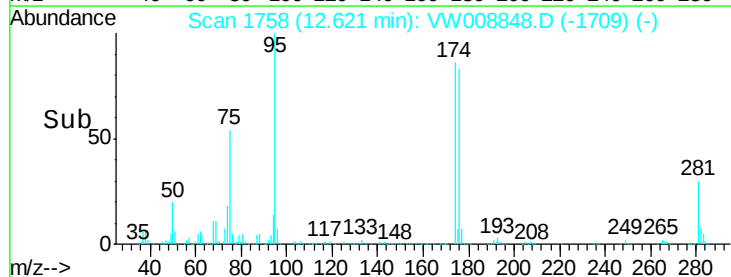
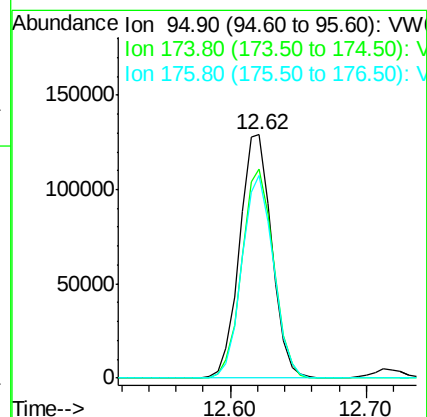
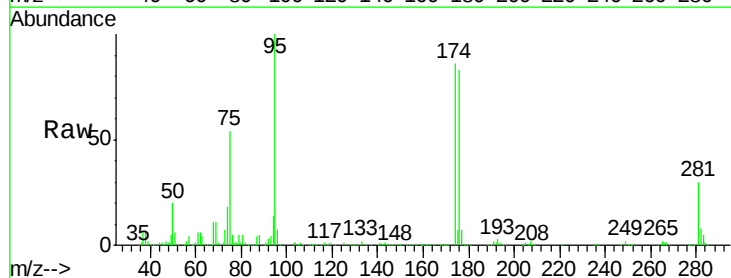
Tgt Ion: 95 Resp: 212473

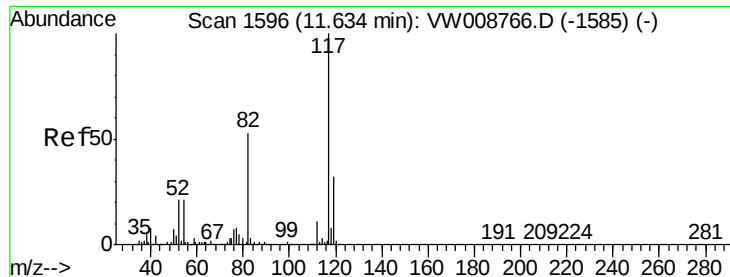
Ion Ratio Lower Upper

95 100

174 84.9 0.0 169.2

176 82.0 0.0 163.6





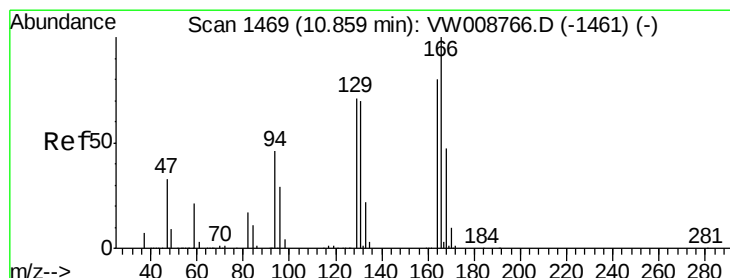
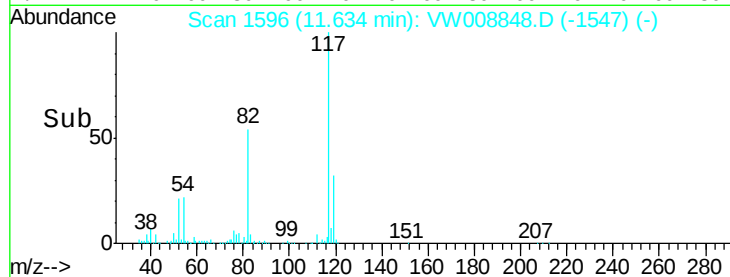
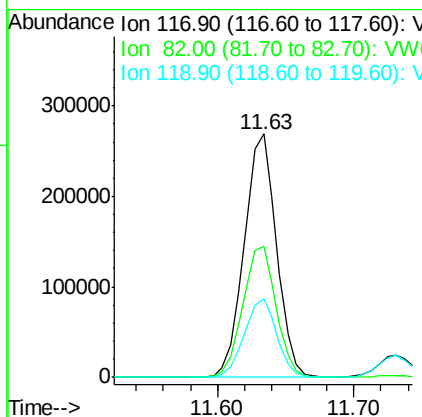
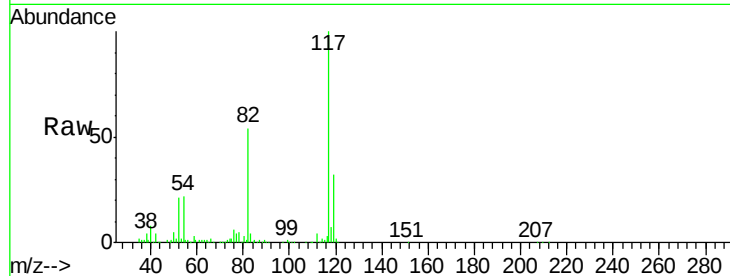
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	42.2	63.4
119	32.3	25.9	38.9

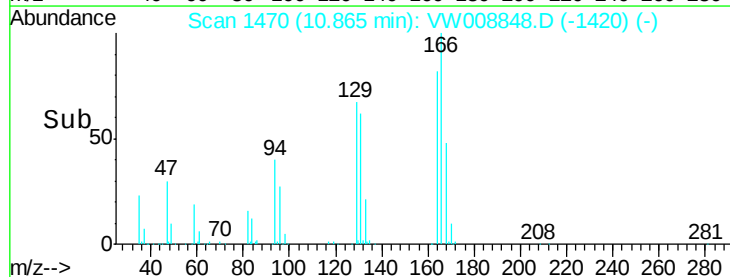
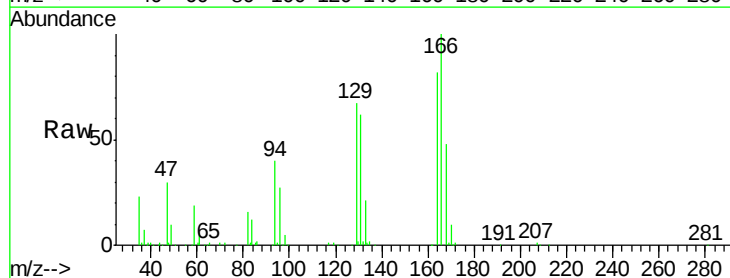
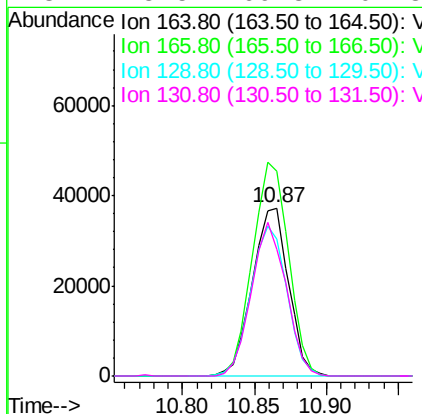
Manual Integrations
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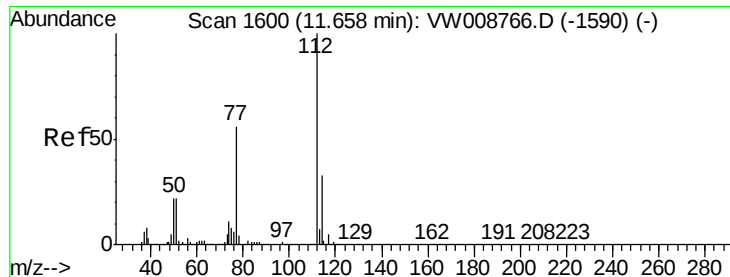
MMDadoda
3/1/2019 12:09:41 AM



#64
Tetrachloroethene
Concen: 20.206 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.6	99.5	149.3
129	81.7	71.1	106.7
131	75.5	69.8	104.8





#65

Chlorobenzene

Concen: 19.970 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBS01

Tot Ion:112 Resp: 187650

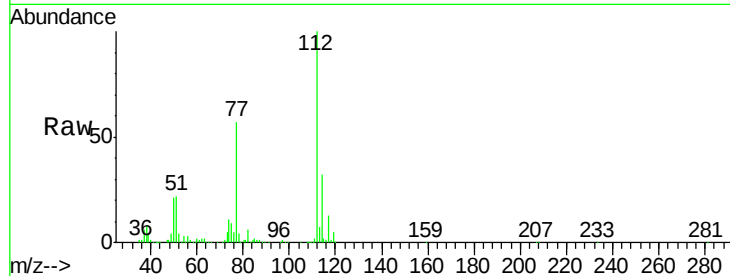
Ion Ratio Lower Upper

112 100

114 32.4 26.6 40.0

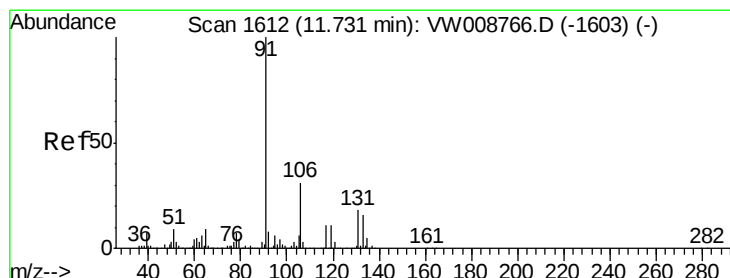
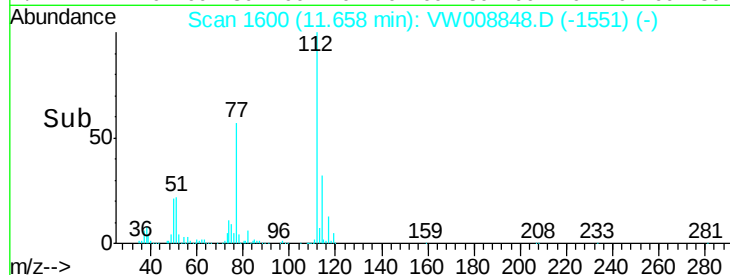
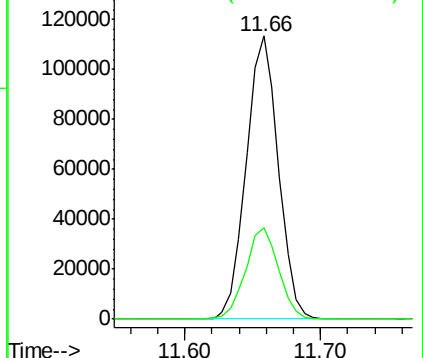
Manual Integrations
APPROVED

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.513 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

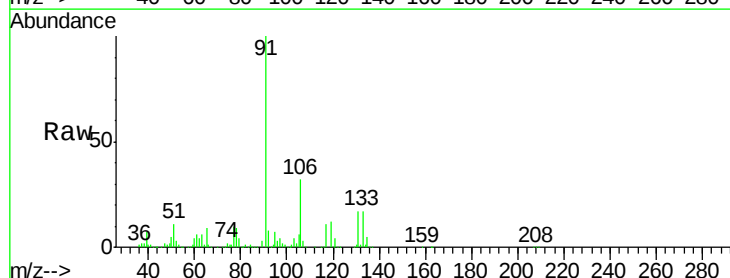
Tgt Ion:131 Resp: 61997

Ion Ratio Lower Upper

131 100

133 99.3 46.7 140.0

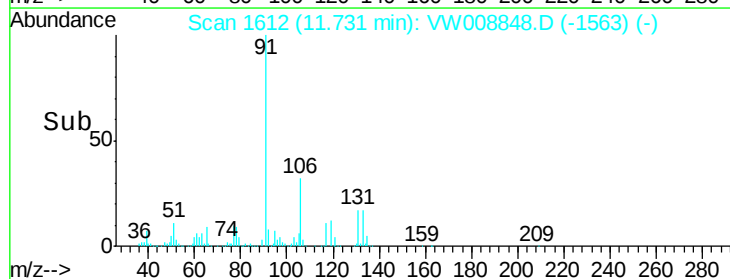
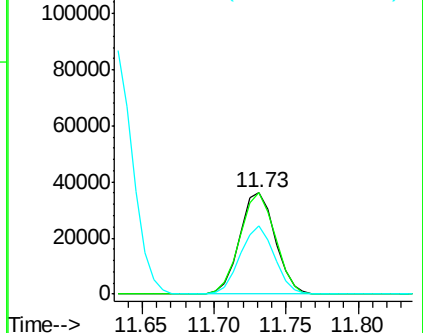
119 64.3 30.8 92.4

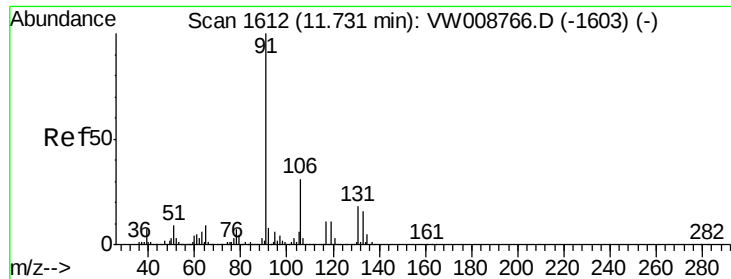


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





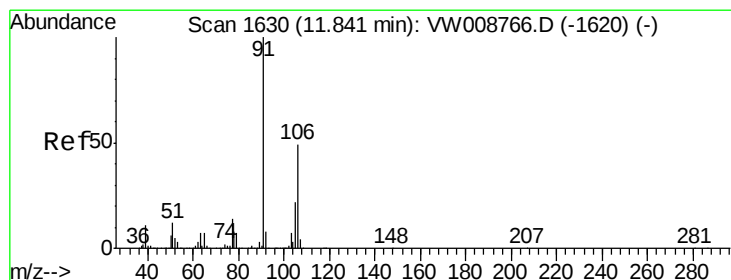
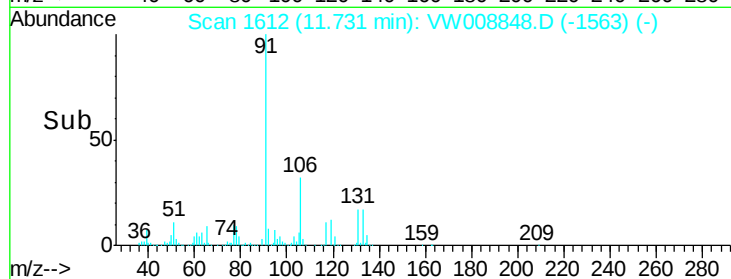
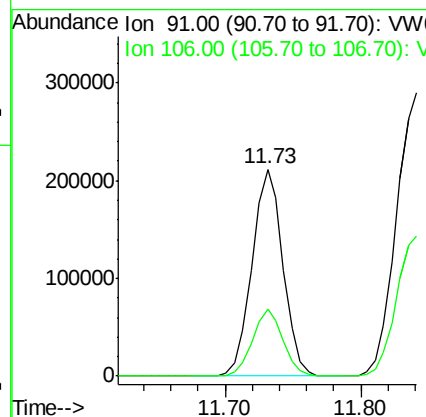
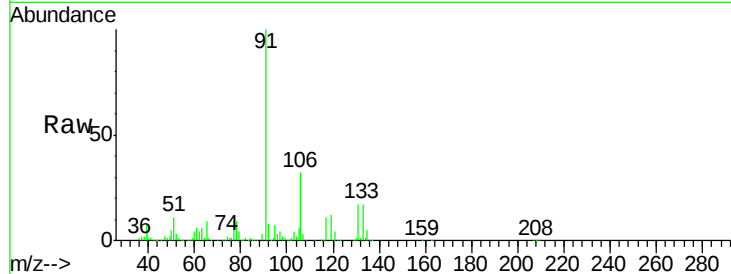
#67
Ethyl Benzene
Concen: 20.033 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	32.4	25.0	37.6	

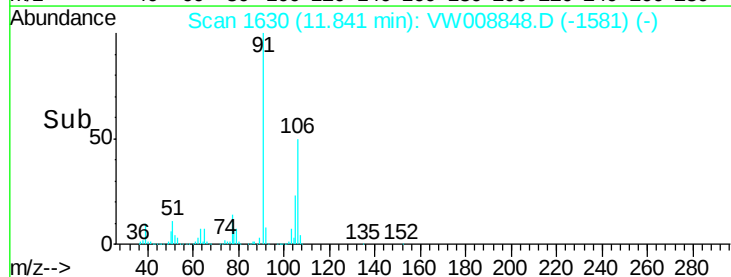
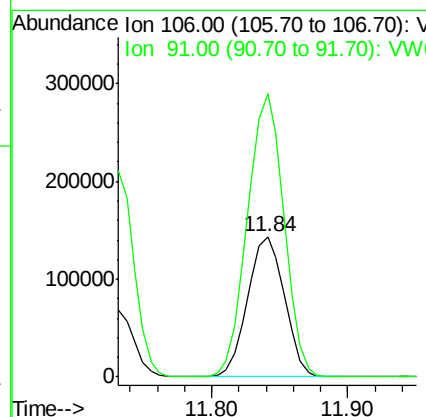
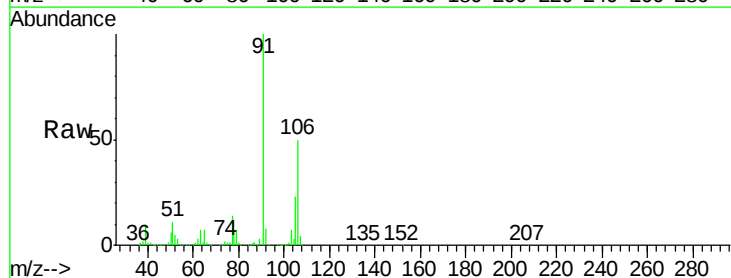
Manual Integrations
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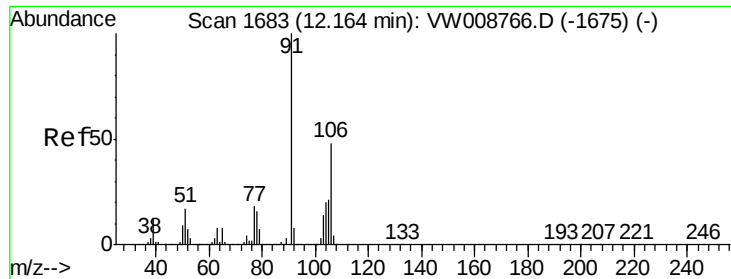
MMDadoda
3/1/2019 12:09:41 AM



#68
m/p-Xylenes
Concen: 40.515 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	200.4	161.5	242.3	





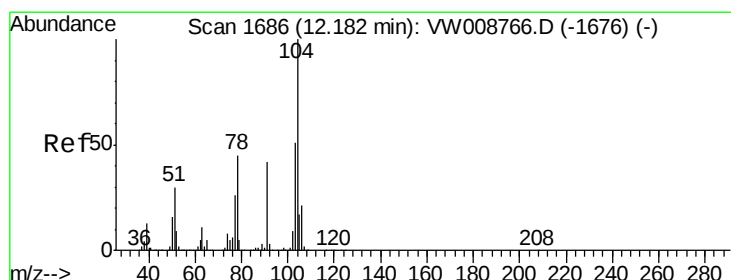
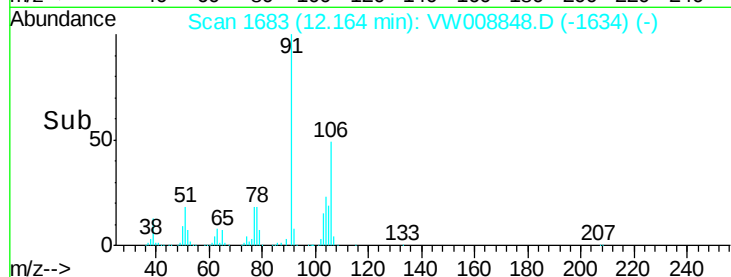
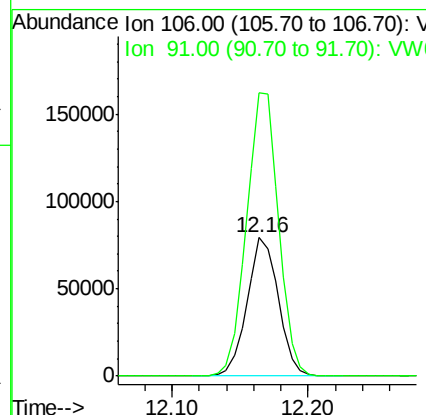
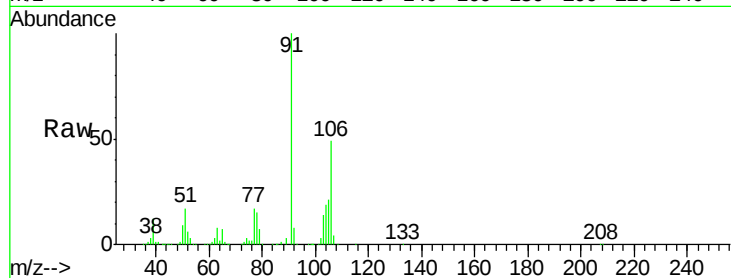
#69
o-Xylene
Concen: 20.187 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.0	106.2	318.6

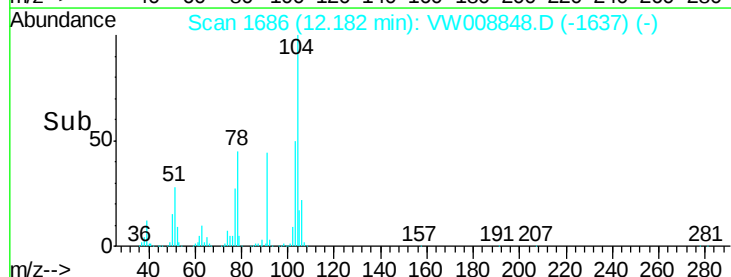
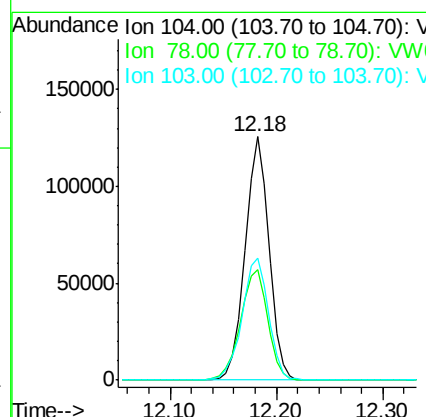
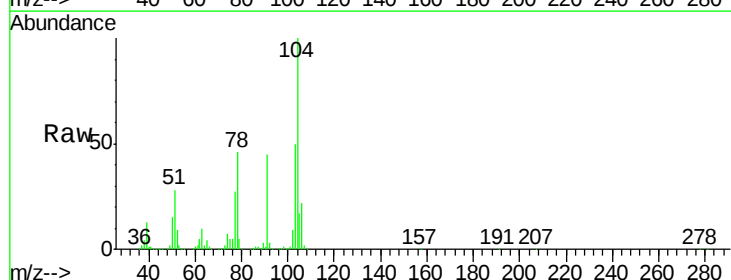
Manual Integrations
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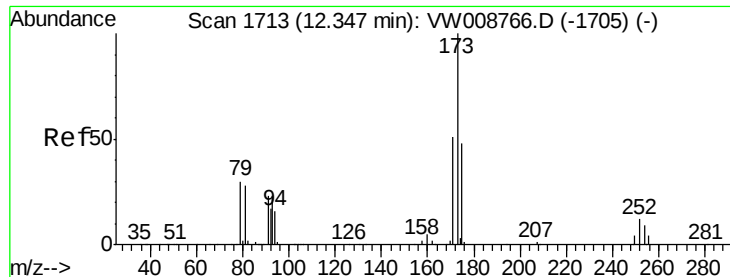
MMDadoda
3/1/2019 12:09:41 AM



#70
Styrene
Concen: 19.565 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.6	40.8	61.2
103	55.6	44.2	66.2





#71

Bromoform

Concen: 16.802 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBS01

Tot Ion:173 Resp: 28696

Ion Ratio Lower Upper

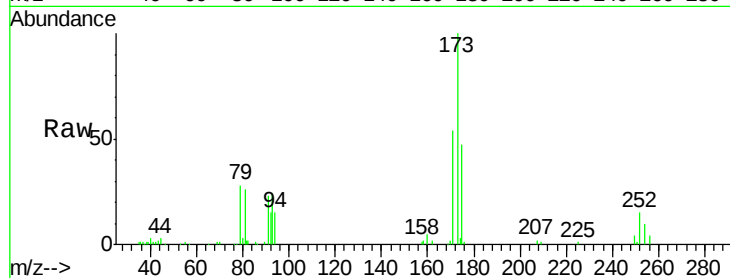
173 100

175 50.3 24.2 72.6

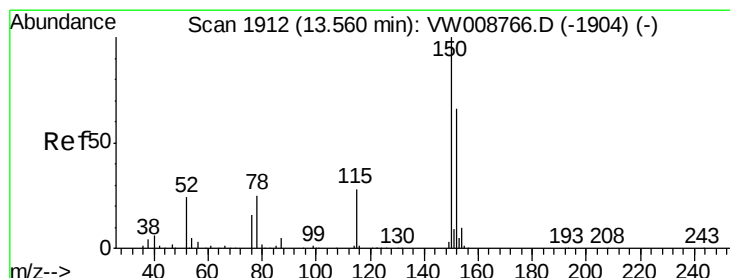
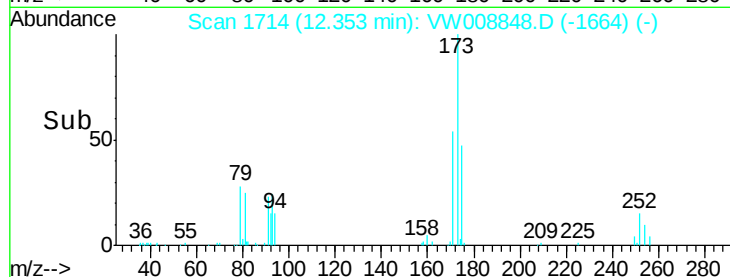
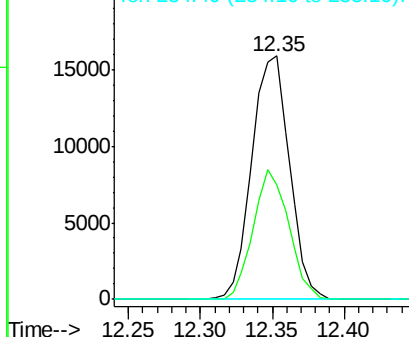
254 0.0 0.2 0.4#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

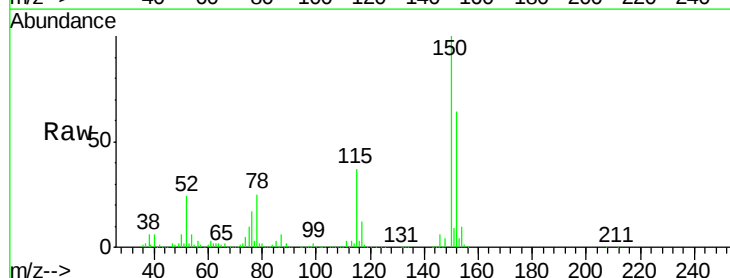
Tgt Ion:152 Resp: 240339

Ion Ratio Lower Upper

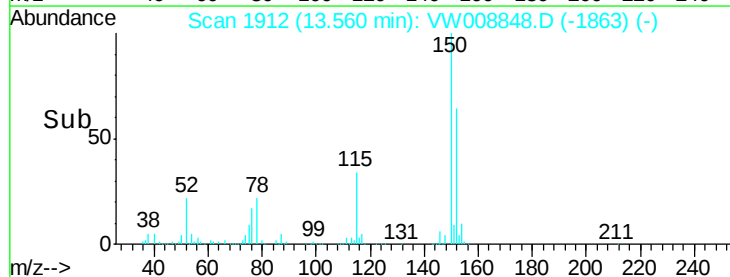
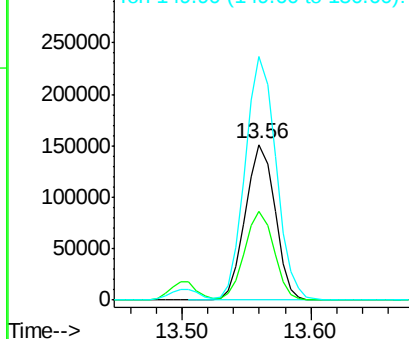
152 100

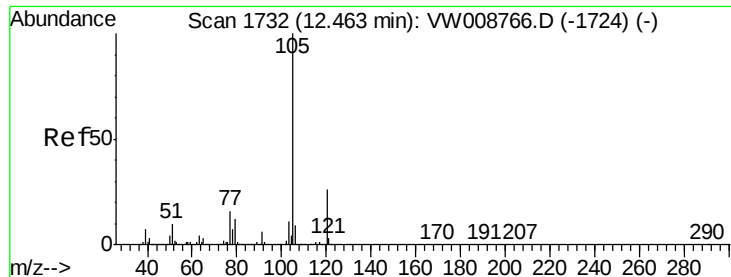
115 56.4 28.6 85.8

150 163.5 0.0 348.0



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





#73

Isopropylbenzene

Concen: 21.223 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

ClientSampleId :

VW0227SBS01

Tot Ion: 105 Resp: 349671

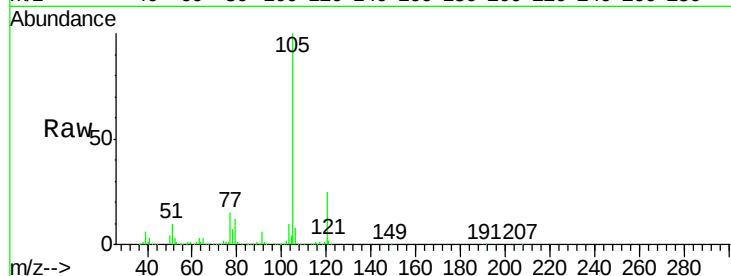
Ion Ratio Lower Upper

105 100

120 26.4 13.3 39.9

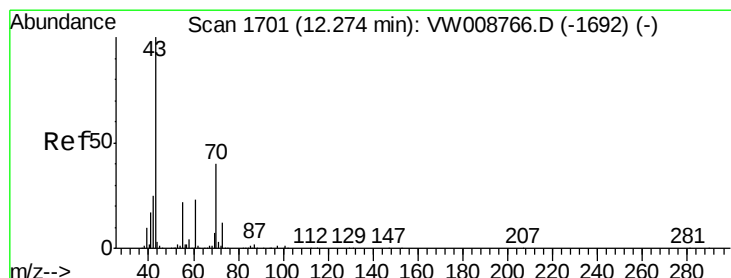
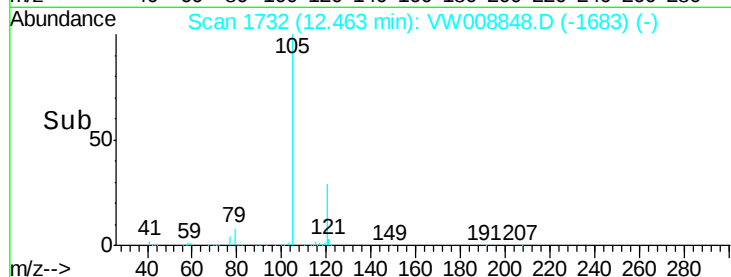
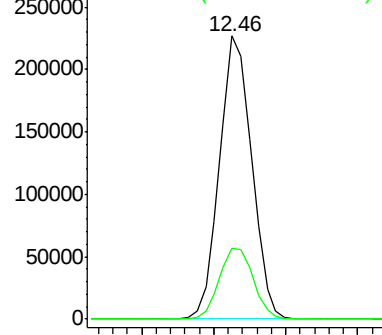
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.184 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Tgt Ion: 43 Resp: 67167

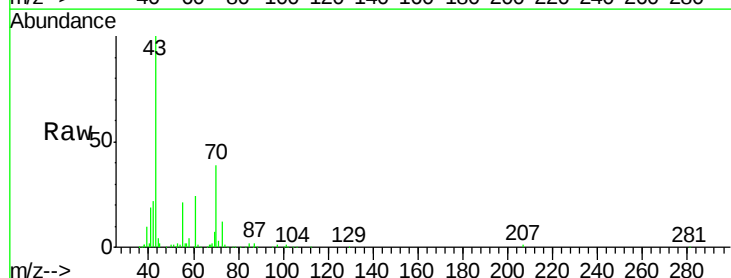
Ion Ratio Lower Upper

43 100

70 39.1 31.0 46.6

55 23.4 18.7 28.1

61 22.0 18.1 27.1

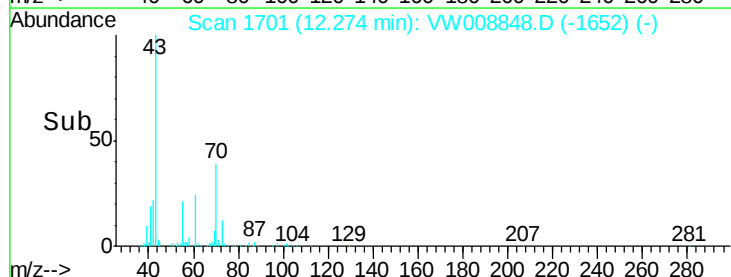
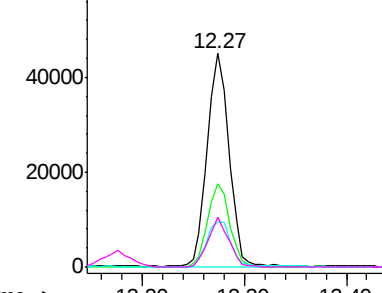


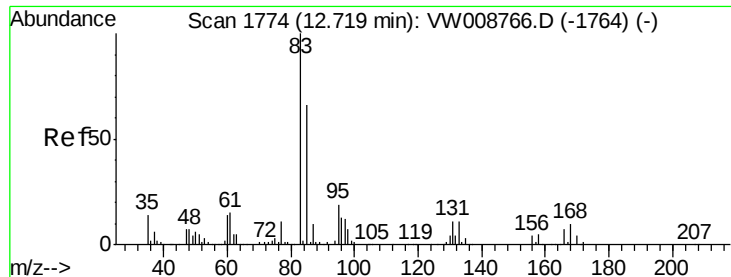
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 17.216 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

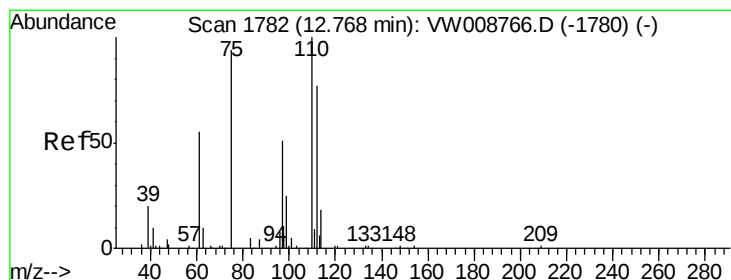
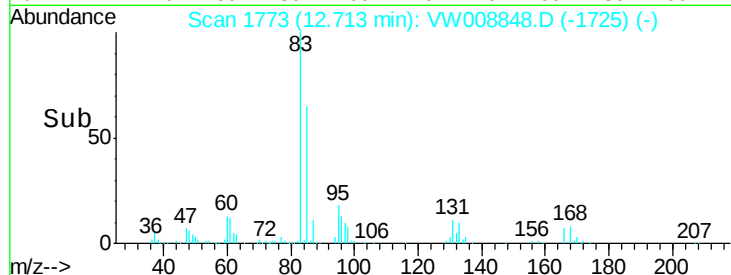
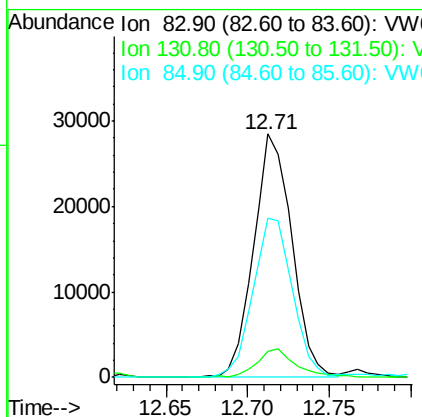
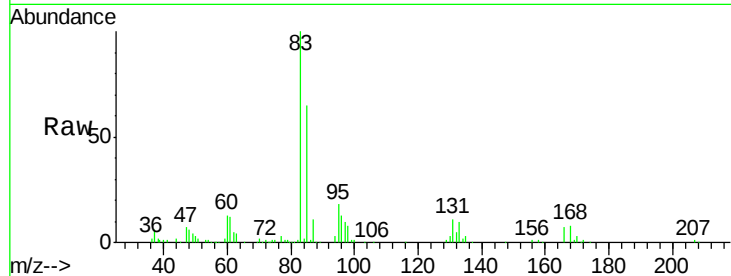
ClientSampled :

VW0227SBS01

Tot Ion:	83	Resp:	46349
Ion Ratio	Lower	Upper	
83	100		
131	11.9	5.5	16.7
85	67.8	33.0	98.9

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#76

1,2,3-Trichloropropane

Concen: 16.596 ug/l m

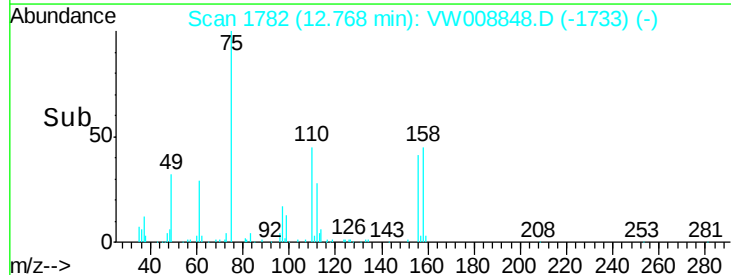
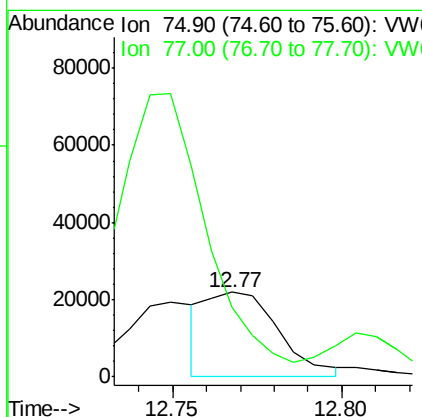
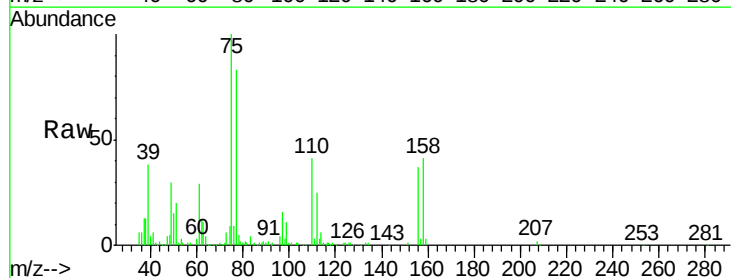
RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Tgt Ion:	75	Resp:	32932
Ion Ratio	Lower	Upper	
75	100		
77	415.9	0.0	0.0#





#77

Bromobenzene

Concen: 20.376 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW008848.D

Acq: 27 Feb 2019 12:20

Instrument :

MSVOA_W

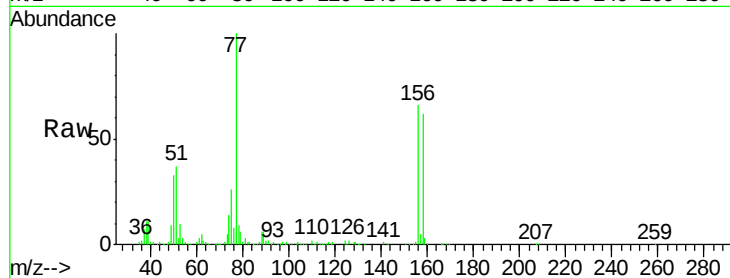
ClientSampled :

VW0227SBS01

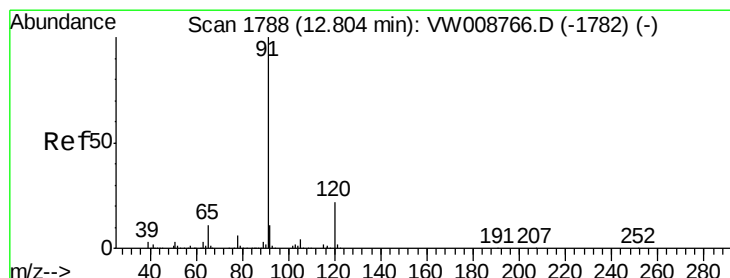
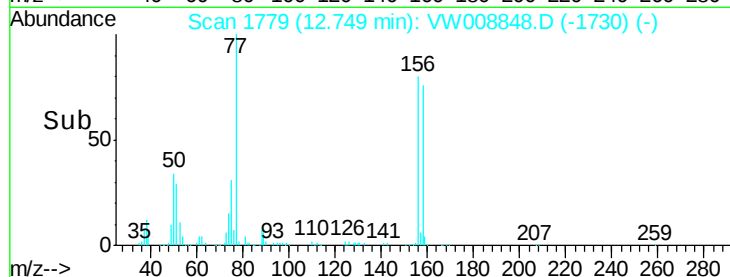
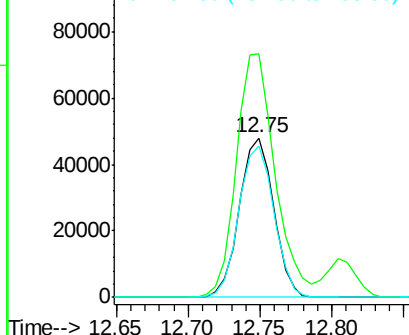
Tot Ion:	156	Resp:	79336
Ion Ratio	Lower	Upper	
156	100		
77	172.6	89.1	267.4
158	97.3	49.2	147.6

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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.976 ug/l

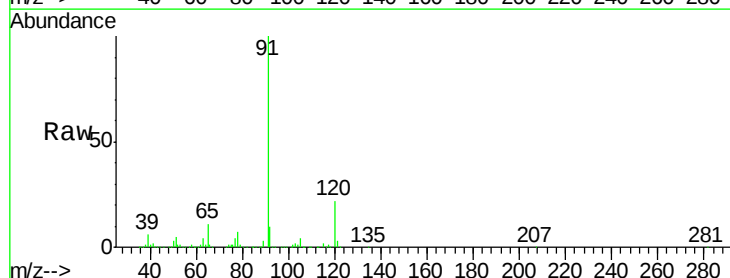
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

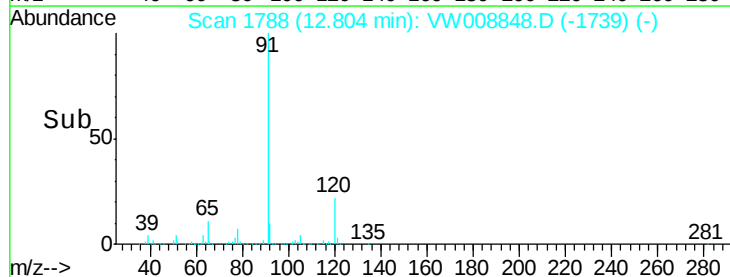
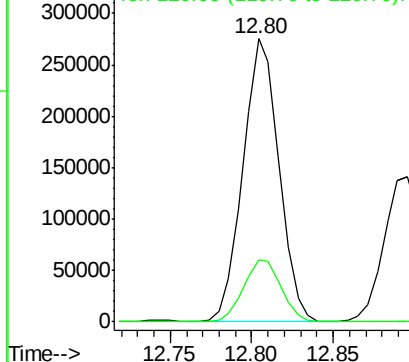
Lab File: VW008848.D

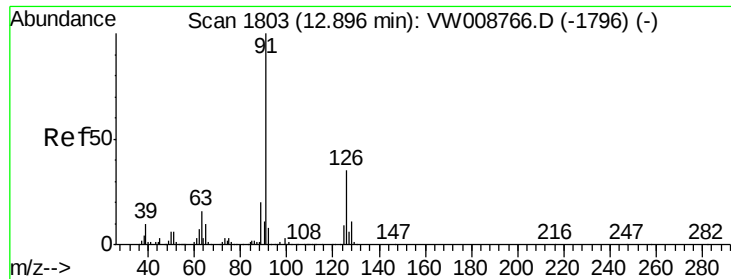
Acq: 27 Feb 2019 12:20

Tgt Ion:	91	Resp:	422754
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





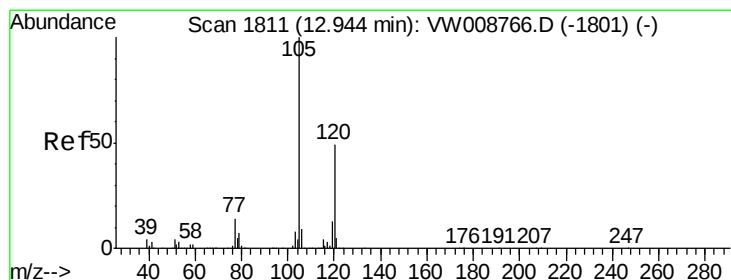
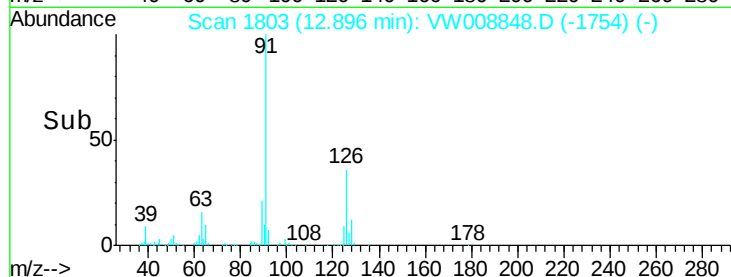
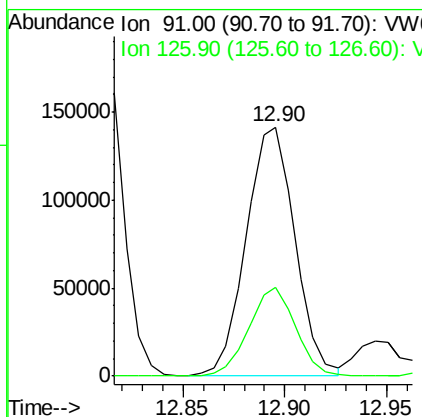
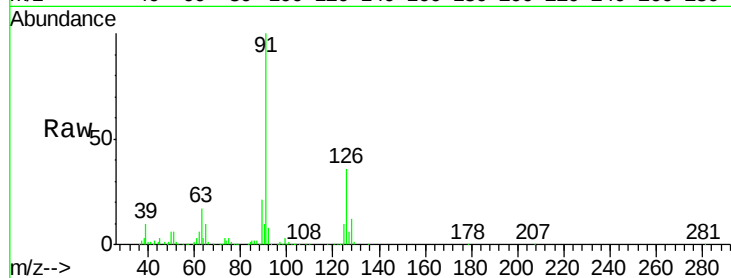
#79
 2-Chlorotoluene
 Concen: 20.553 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.1	17.0	51.0

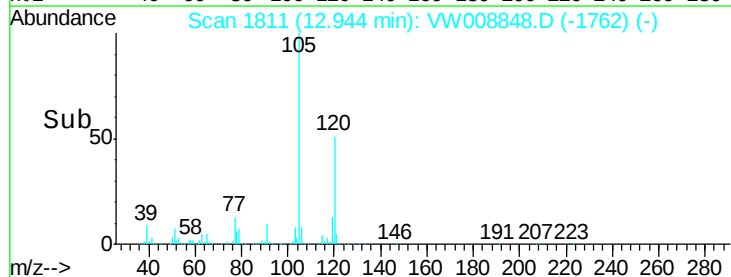
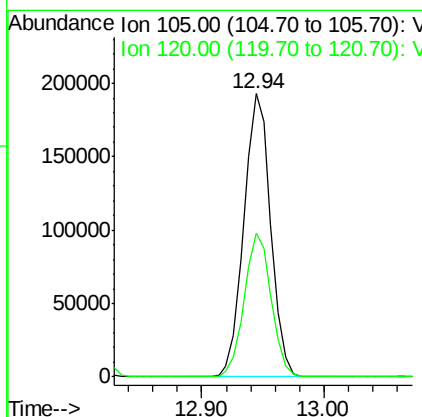
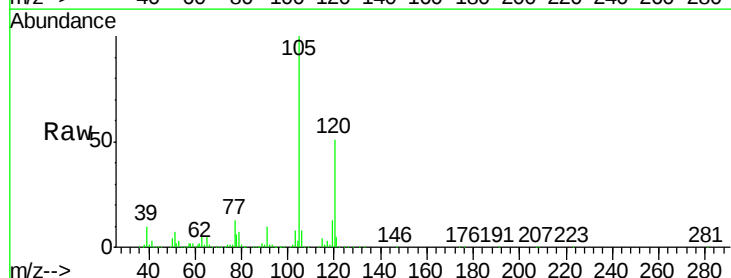
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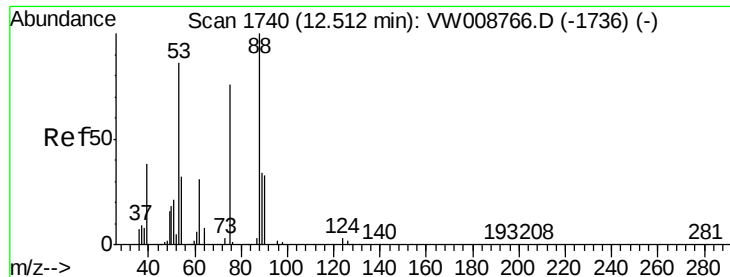
MMDadoda
 3/1/2019 12:09:41 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.390 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.0	24.8	74.4





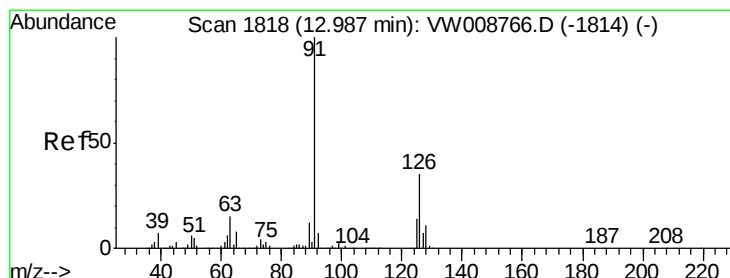
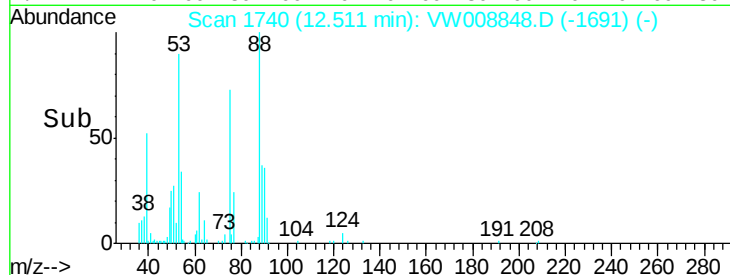
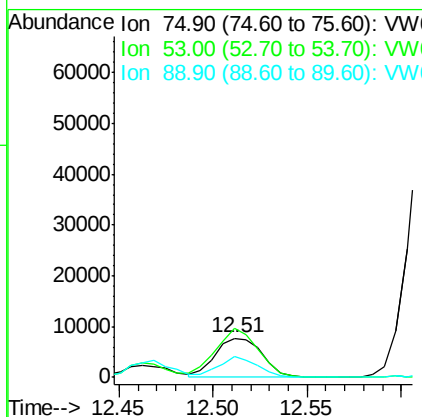
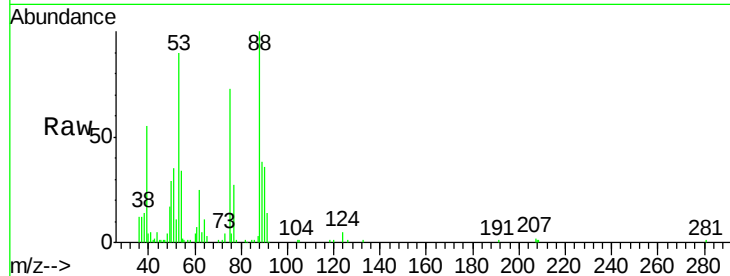
#81
trans-1,4-Dichloro-2-butene
Concen: 16.129 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	117.8	88.2	132.2
89	45.8	39.5	59.3

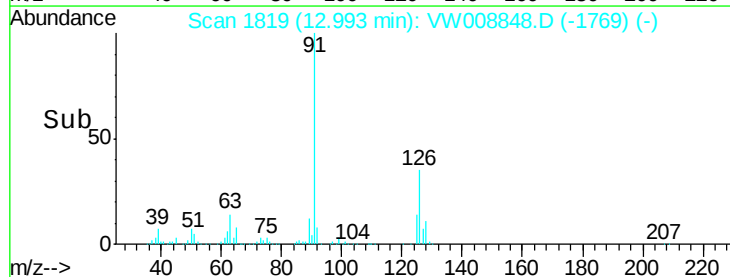
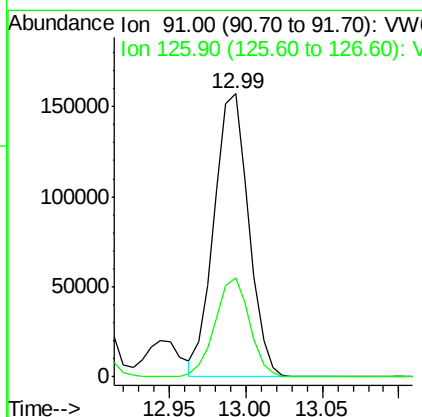
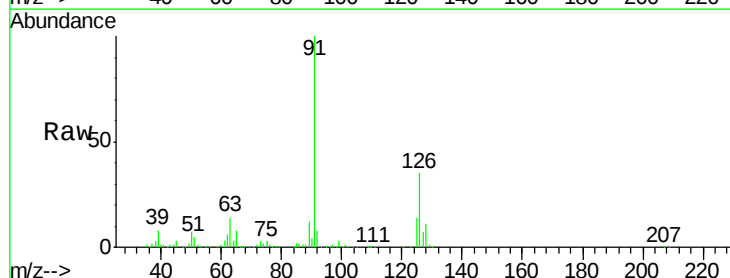
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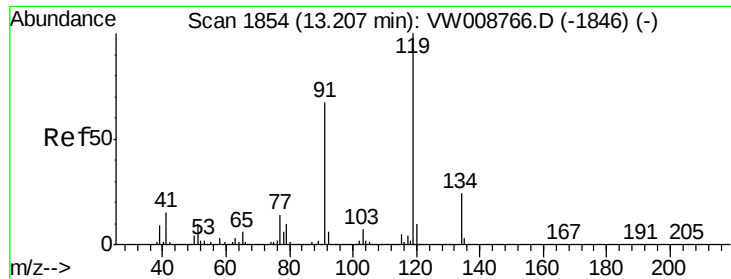
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#82
4-Chlorotoluene
Concen: 20.511 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.2	51.6





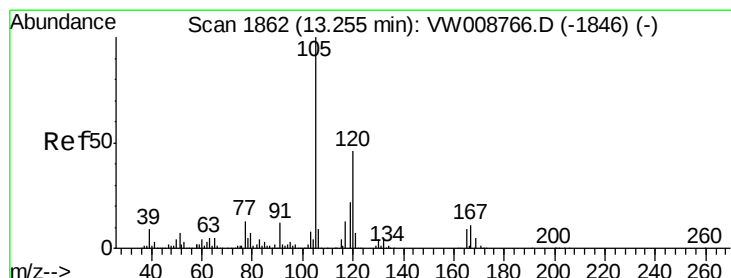
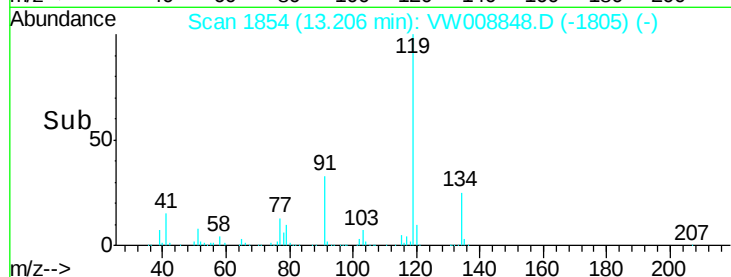
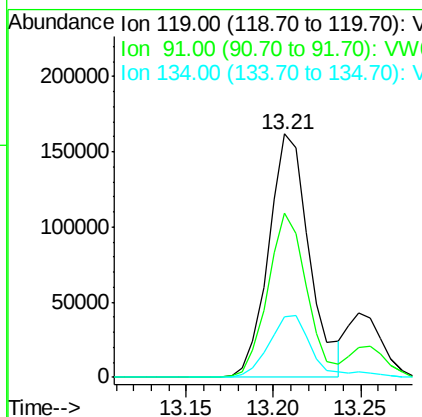
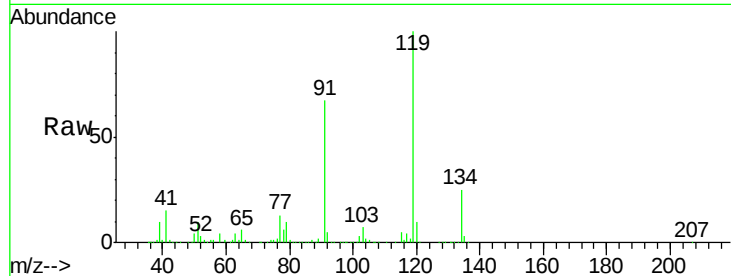
#83
 tert-Butylbenzene
 Concen: 21.192 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	33.6	100.8
134	27.0	13.7	41.1

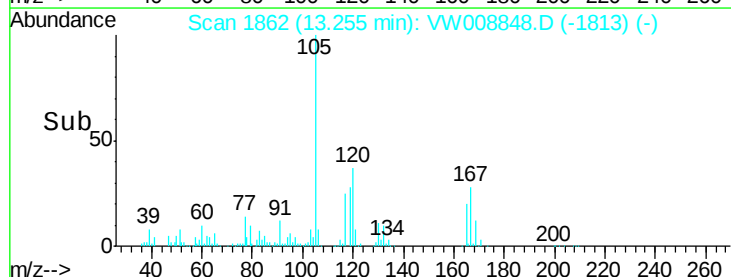
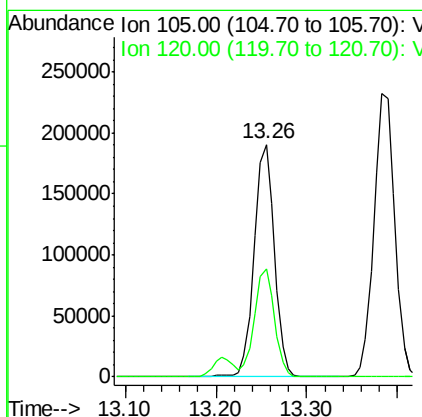
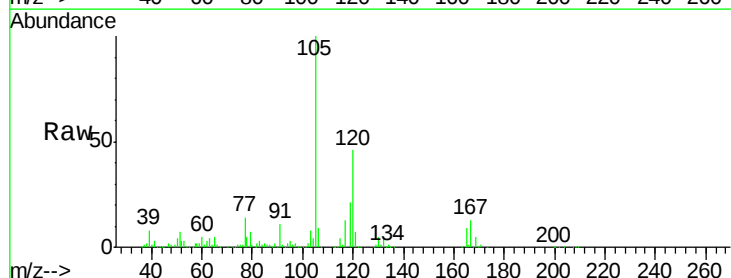
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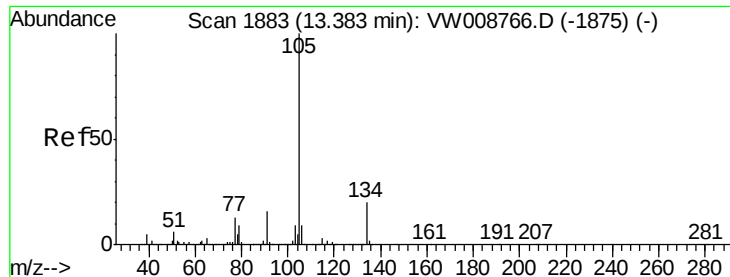
MMDadoda
 3/1/2019 12:09:41 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.888 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.1	22.8	68.4





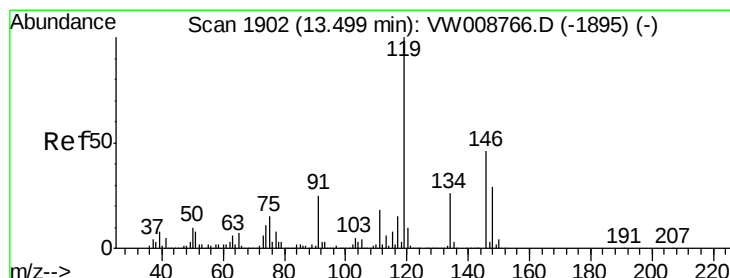
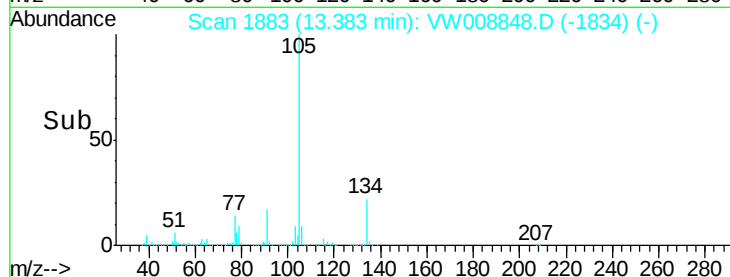
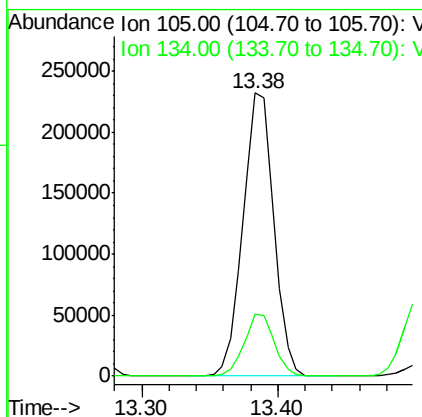
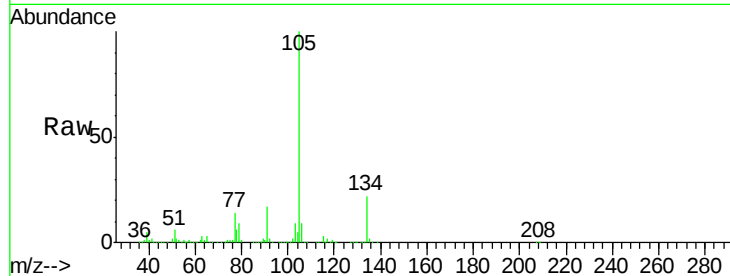
#85
 sec-Butylbenzene
 Concen: 20.679 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampled :
 VW0227SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.5	10.4	31.1

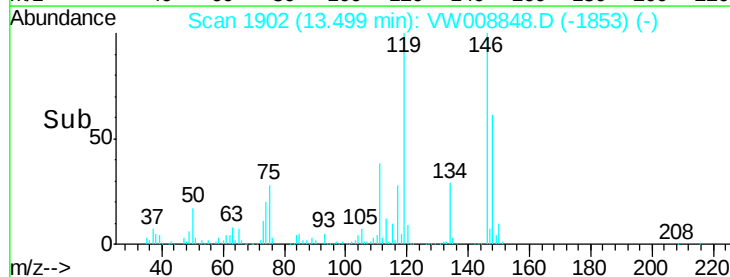
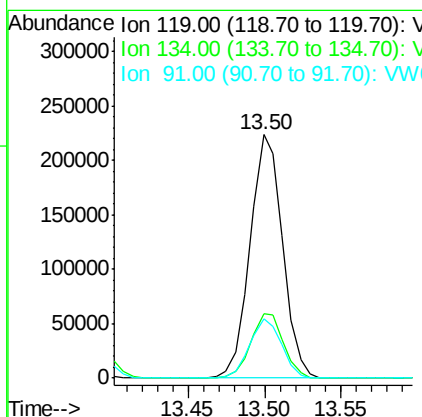
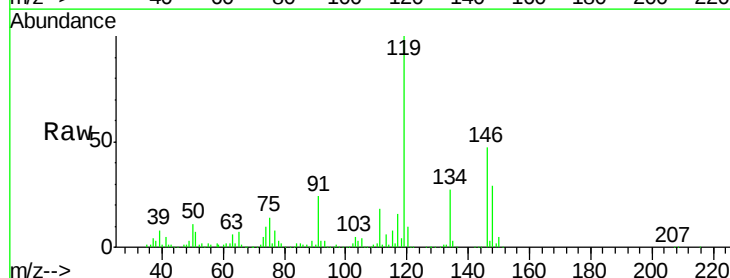
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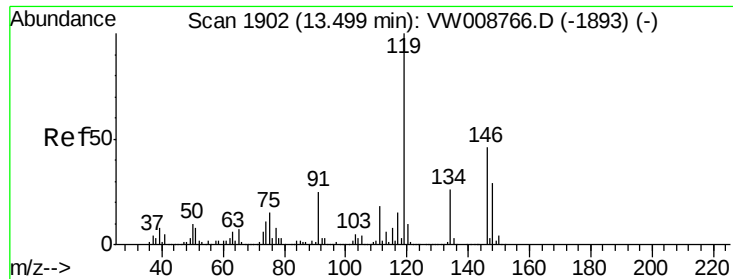
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#86
 p-Isopropyltoluene
 Concen: 20.180 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.1	39.3
91	24.3	12.1	36.3





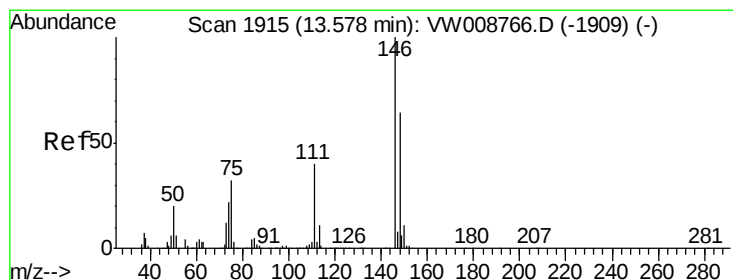
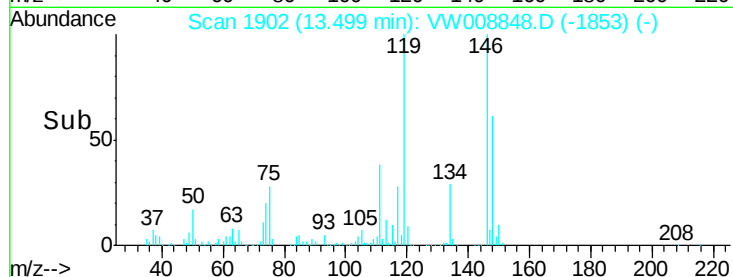
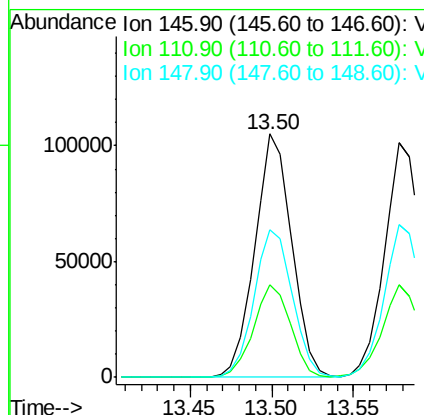
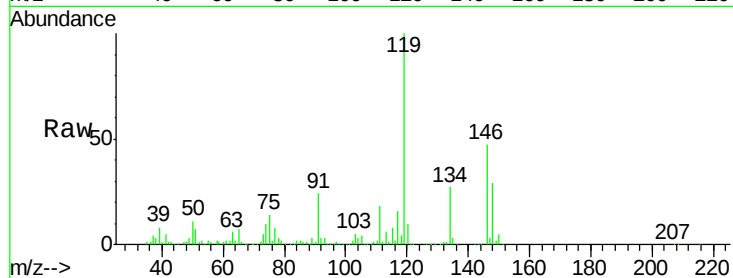
#87
 1,3-Dichlorobenzene
 Concen: 20.567 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	166146		
111	38.2	19.9	59.7	
148	62.7	31.6	94.8	

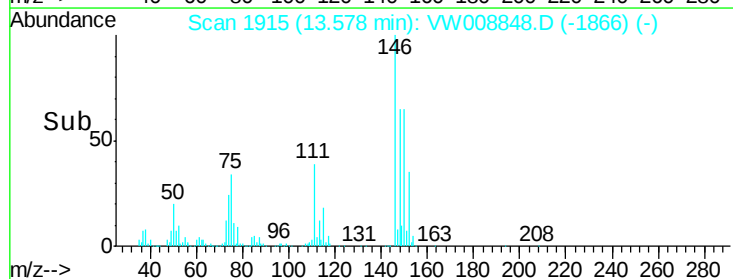
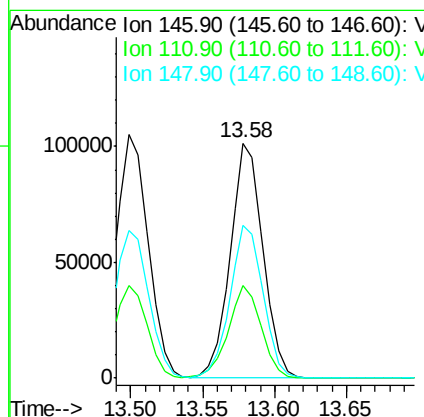
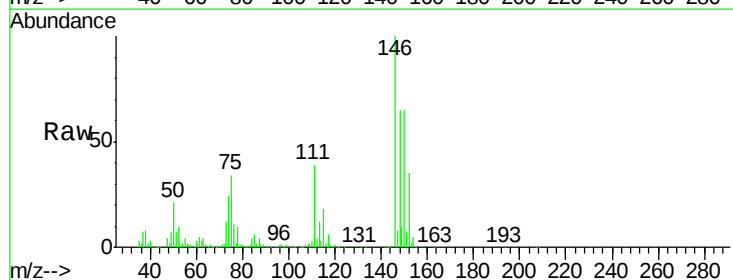
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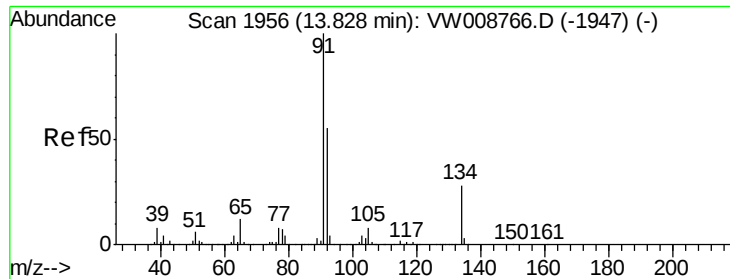
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#88
 1,4-Dichlorobenzene
 Concen: 20.224 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	161020		
111	39.9	19.3	57.9	
148	65.7	31.9	95.9	





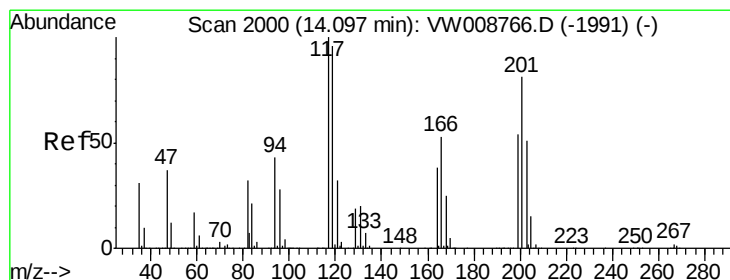
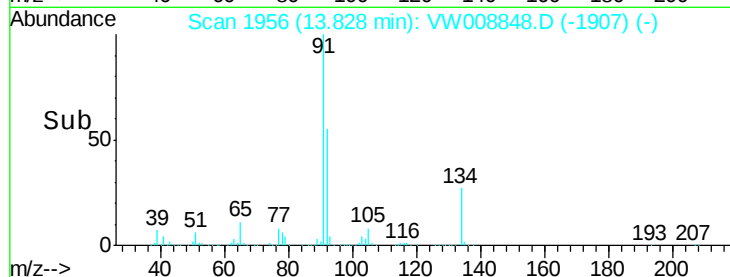
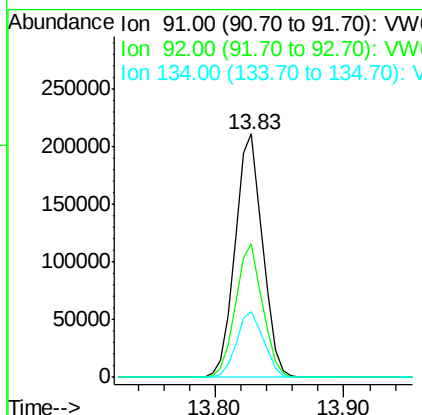
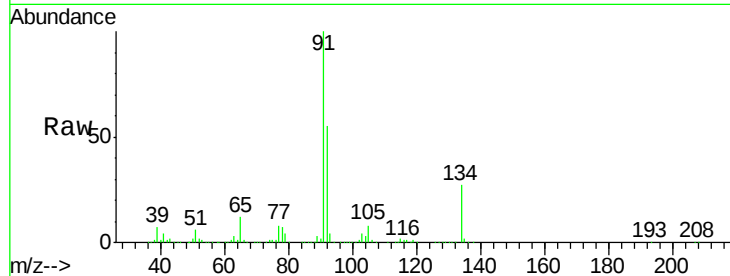
#89
n-Butylbenzene
Concen: 20.364 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.8	26.8	80.4	
134	26.7	13.5	40.4	

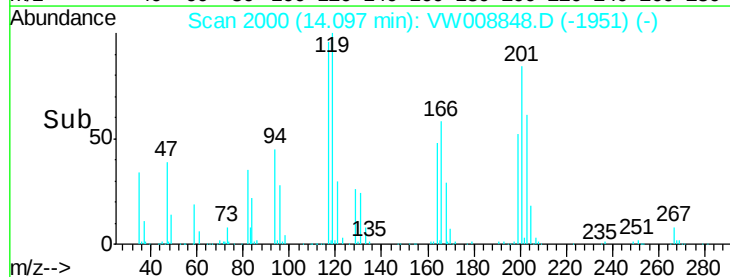
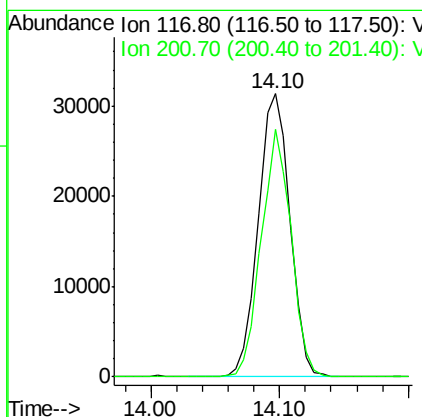
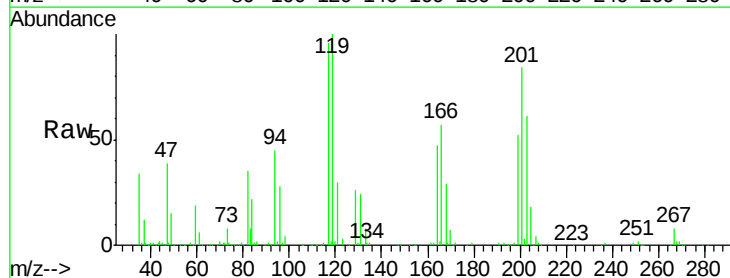
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#90
Hexachloroethane
Concen: 19.901 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	82.8	40.3	120.8	





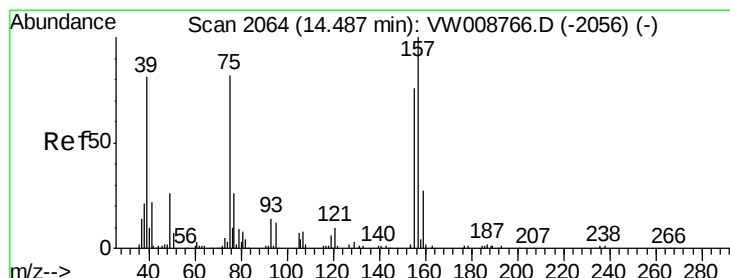
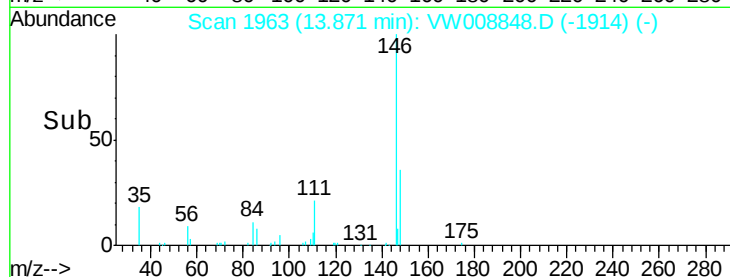
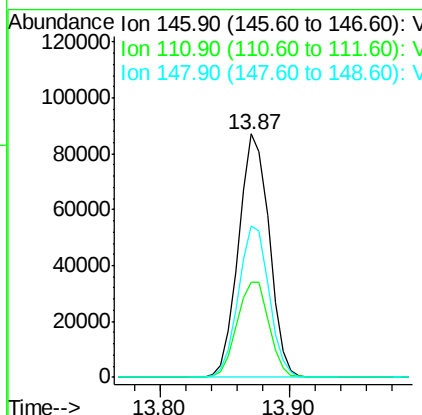
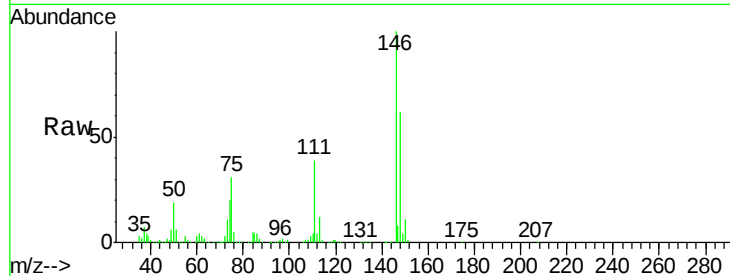
#91
 1,2-Dichlorobenzene
 Concen: 19.915 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	143343		
111	41.0	20.3	60.8	
148	62.2	32.5	97.5	

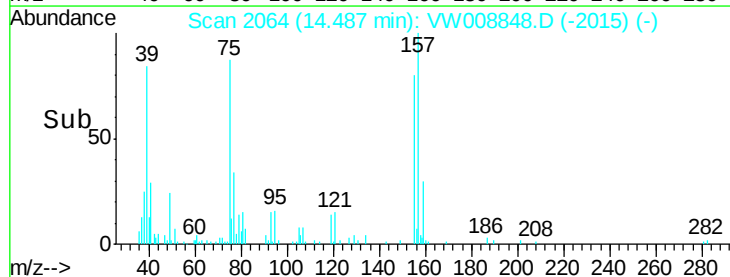
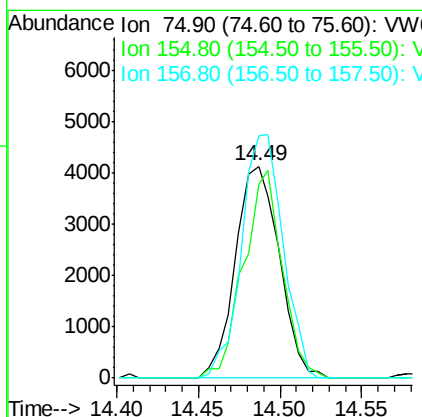
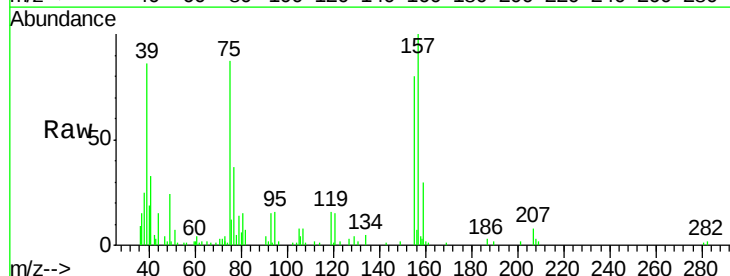
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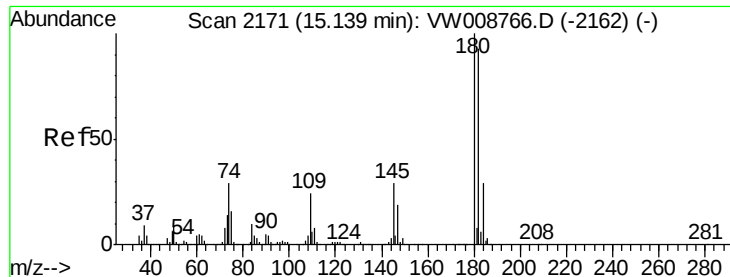
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.891 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7739		
155	86.4	41.8	125.4	
157	109.3	56.6	169.9	





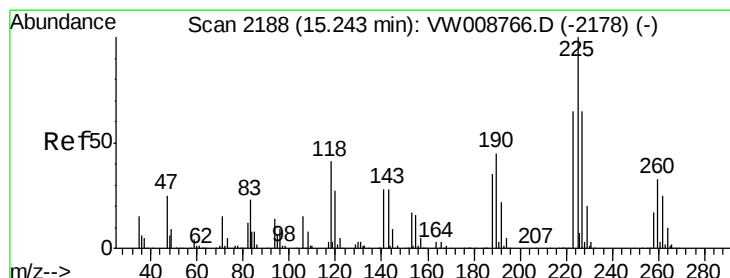
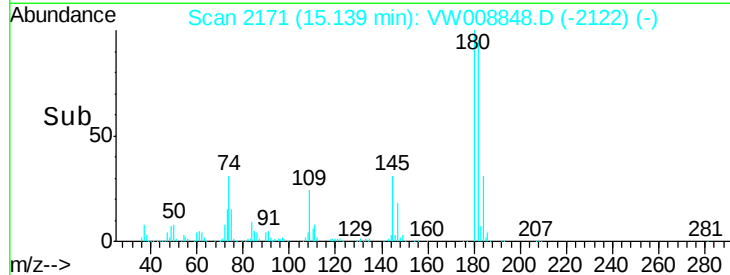
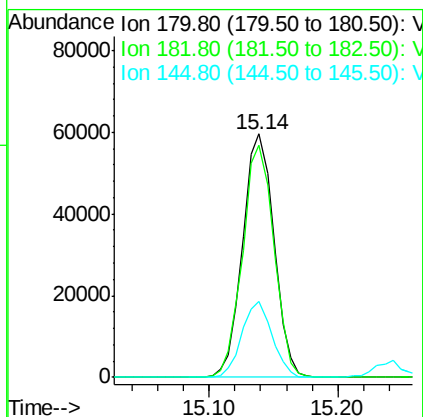
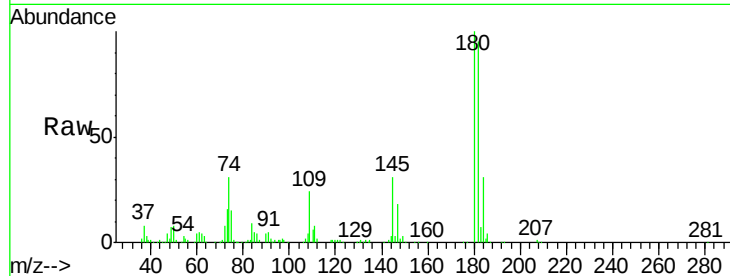
#93
 1,2,4-Trichlorobenzene
 Concen: 19.302 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	100103		
182	95.6	47.2	141.6	
145	30.1	14.4	43.0	

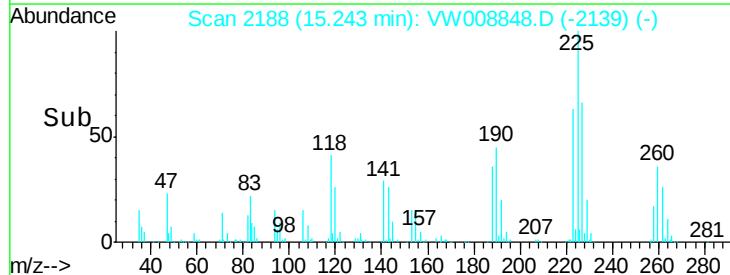
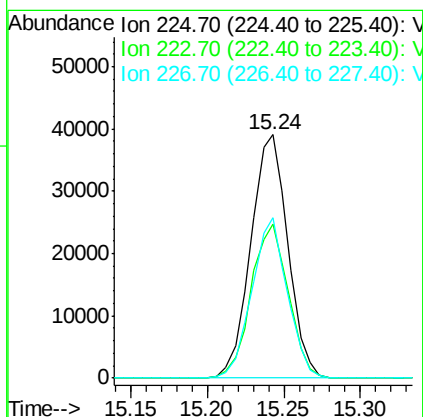
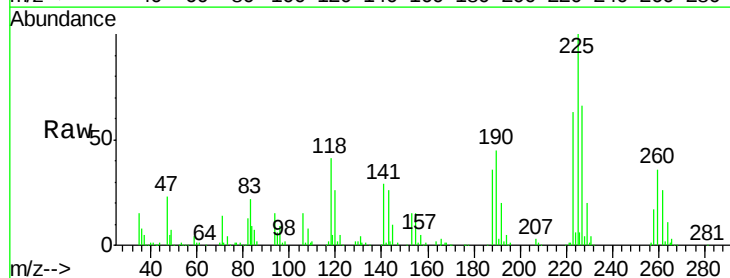
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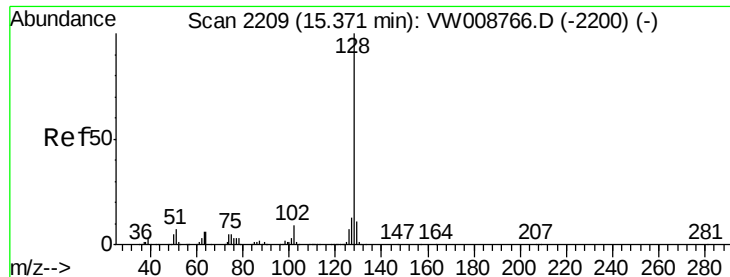
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#94
 Hexachlorobutadiene
 Concen: 21.566 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW008848.D
 Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65879		
223	63.5	31.5	94.5	
227	63.1	31.6	94.8	





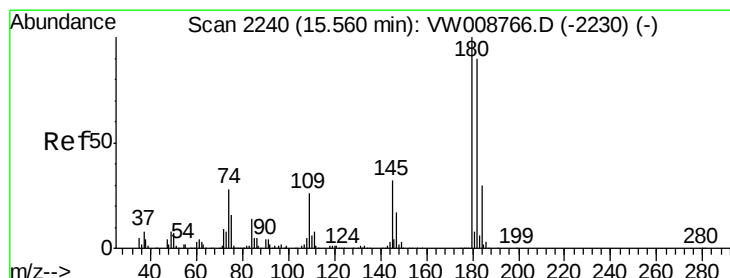
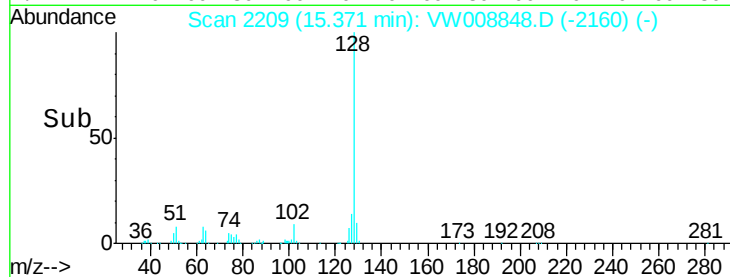
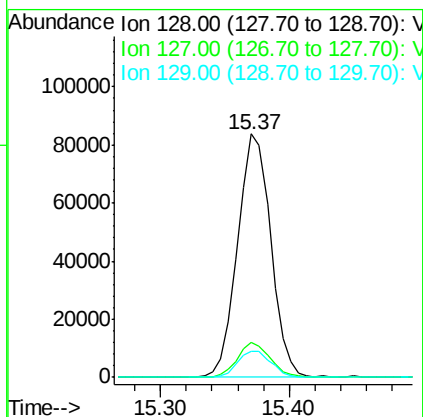
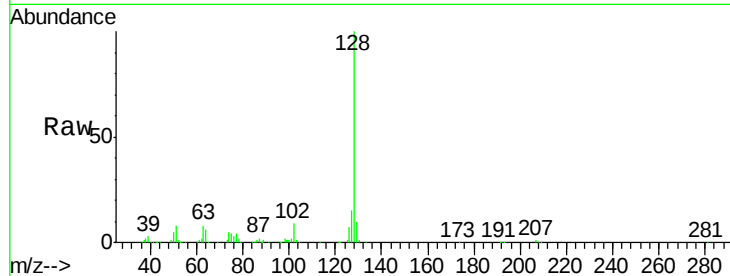
#95
Naphthalene
Concen: 17.002 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Instrument :
MSVOA_W
ClientSampleId :
VW0227SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	150131		
127	14.2	10.8	16.2	
129	10.9	8.7	13.1	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.884 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW008848.D
Acq: 27 Feb 2019 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	84678		
182	98.2	46.9	140.8	
145	32.6	15.9	47.6	

