

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062819\
 Data File : VW011031.D
 Acq On : 27 Jun 2019 22:39
 Operator : SY/VA
 Sample : VW0628SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/2/2019 8:28:29 AM

Quant Time: Jun 28 09:02:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	203658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	353381	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	321797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148076	55.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.24%	
35) Dibromofluoromethane	7.88	113	110150	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
50) Toluene-d8	10.32	98	449190	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.62	95	166134	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.00	85	28589	18.622	ug/l	100
3) Chloromethane	2.20	50	39477	19.181	ug/l	98
4) Vinyl Chloride	2.36	62	47223	17.622	ug/l	100
5) Bromomethane	2.76	94	26077	19.550	ug/l	90
6) Chloroethane	2.91	64	25111	17.774	ug/l	98
7) Trichlorofluoromethane	3.24	101	12031	15.278	ug/l	95
8) Diethyl Ether	3.67	74	27597	22.128	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	39554	17.859	ug/l	99
10) Methyl Iodide	4.26	142	59449	19.185	ug/l	100
11) Tert butyl alcohol	5.17	59	19791	102.352	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	40093	17.391	ug/l	96
13) Acrolein	3.89	56	15714	104.215	ug/l	98
14) Allyl chloride	4.66	41	67066	18.075	ug/l	98
15) Acrylonitrile	5.36	53	65946	107.377	ug/l	100
16) Acetone	4.12	43	65765	101.198	ug/l	96
17) Carbon Disulfide	4.38	76	114341	17.483	ug/l	100
18) Methyl Acetate	4.66	43	42095	25.006	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	70915	21.733	ug/l	95
20) Methylene Chloride	4.91	84	53956	20.435	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	45117	18.992	ug/l	100
22) Diisopropyl ether	6.31	45	186471	20.884	ug/l	97
23) Vinyl Acetate	6.25	43	538473	97.876	ug/l	100
24) 1,1-Dichloroethane	6.21	63	92225	19.568	ug/l	99
25) 2-Butanone	7.17	43	102192	103.452	ug/l	99
26) 2,2-Dichloropropane	7.16	77	39483	16.135	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51383	20.089	ug/l	97
28) Bromochloromethane	7.51	49	47766	21.771	ug/l	98
29) Tetrahydrofuran	7.52	42	68947	112.122	ug/l	99
30) Chloroform	7.67	83	85667	20.007	ug/l	99
31) Cyclohexane	7.95	56	91113	17.891	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	60354	18.863	ug/l	100
36) 1,1-Dichloropropene	8.08	75	66530	17.516	ug/l	100
37) Ethyl Acetate	7.25	43	45203	20.458	ug/l	98
38) Carbon Tetrachloride	8.06	117	53148	16.992	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	78782	16.854	ug/l	96
40) Benzene	8.32	78	197477	18.903	ug/l	99
41) Methacrylonitrile	7.48	41	27934	20.779	ug/l	99
42) 1,2-Dichloroethane	8.40	62	68392	19.967	ug/l	100
43) Isopropyl Acetate	8.42	43	85873	20.544	ug/l	99
44) Trichloroethene	9.09	130	46225	18.309	ug/l	94
45) 1,2-Dichloropropane	9.37	63	54910	19.356	ug/l	99
46) Dibromomethane	9.46	93	26375	19.879	ug/l	100
47) Bromodichloromethane	9.64	83	63601	19.362	ug/l	100
48) Methyl methacrylate	9.43	41	40474	19.970	ug/l	96
49) 1,4-Dioxane	9.44	88	8905	399.183	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	227307	103.308	ug/l	100
52) Toluene	10.38	92	120188	18.792	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	64029	18.714	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	76865	18.832	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	37615	20.067	ug/l	98
56) Ethyl methacrylate	10.65	69	56081	19.979	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71531	20.061	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	155091	109.202	ug/l	100
59) 2-Hexanone	10.97	43	158432	103.252	ug/l	99
60) Dibromochloromethane	11.13	129	37203	18.927	ug/l	99
61) 1,2-Dibromoethane	11.23	107	35618	20.297	ug/l	98
64) Tetrachloroethene	10.86	164	46729	21.101	ug/l	96
65) Chlorobenzene	11.66	112	121377	18.426	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	42030	18.793	ug/l	99
67) Ethyl Benzene	11.73	91	228411	18.104	ug/l	100
68) m/p-Xylenes	11.84	106	167315	36.547	ug/l	99
69) o-Xylene	12.16	106	78625	18.439	ug/l	99
70) Styrene	12.18	104	139233	18.790	ug/l	99
71) Bromoform	12.35	173	20513	18.814	ug/l #	100
73) Isopropylbenzene	12.46	105	213289	17.967	ug/l	100
74) N-amyl acetate	12.27	43	78328	19.647	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	45609	19.565	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33615m	20.093	ug/l	
77) Bromobenzene	12.75	156	50005	19.164	ug/l	99
78) n-propylbenzene	12.80	91	263313	17.911	ug/l	99
79) 2-Chlorotoluene	12.89	91	155110	18.468	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	183606	18.248	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11898	17.993	ug/l	90
82) 4-Chlorotoluene	12.99	91	165514	18.911	ug/l	99
83) tert-Butylbenzene	13.21	119	151774	18.089	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	188697	18.554	ug/l	99
85) sec-Butylbenzene	13.38	105	217481	17.842	ug/l	100
86) p-Isopropyltoluene	13.50	119	194326	17.716	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	96956	18.784	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	96830	18.793	ug/l	99
89) n-Butylbenzene	13.82	91	192844	17.298	ug/l	99
90) Hexachloroethane	14.10	117	32194	17.154	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	87800	18.939	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7599	19.180	ug/l	97

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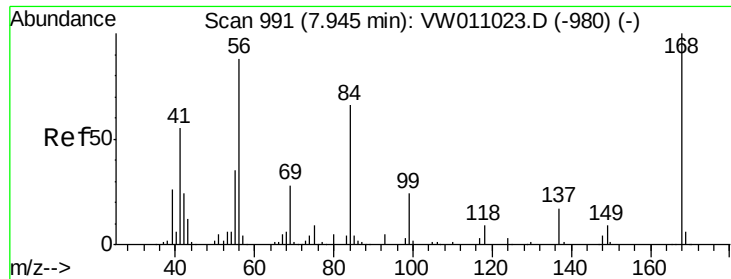
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61372	18.816	ug/l	98
94) Hexachlorobutadiene	15.24	225	34871	17.627	ug/l	98
95) Naphthalene	15.37	128	122544	20.001	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	56881	19.530	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion:168 Resp: 203658

Ion Ratio Lower Upper

168 100

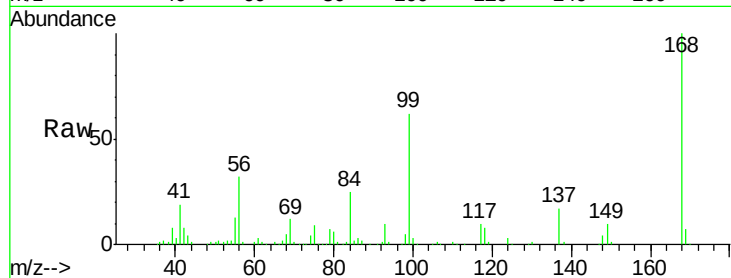
99 62.0 47.8 71.6

Manual Integrations

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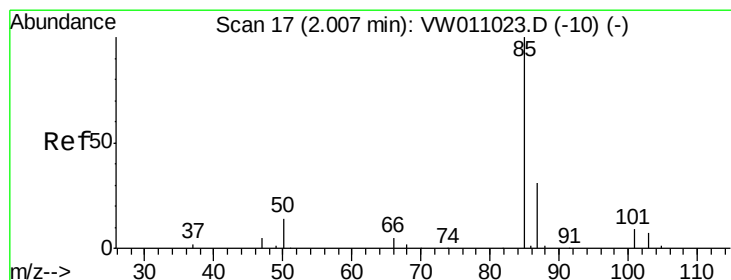
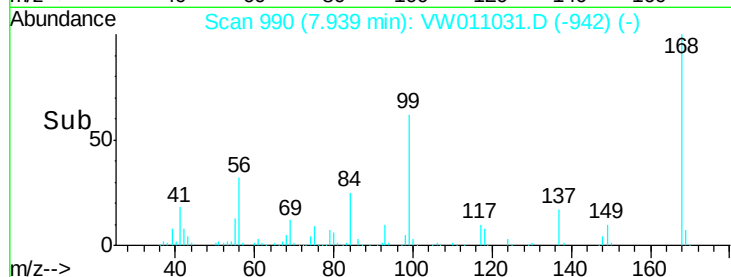
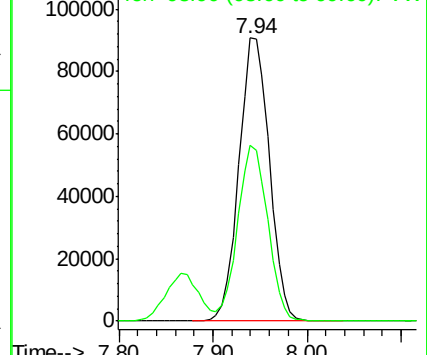
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 18.622 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW011031.D

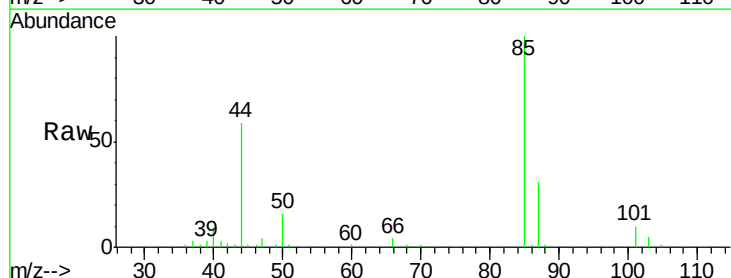
Acq: 27 Jun 2019 22:39

Tgt Ion: 85 Resp: 28589

Ion Ratio Lower Upper

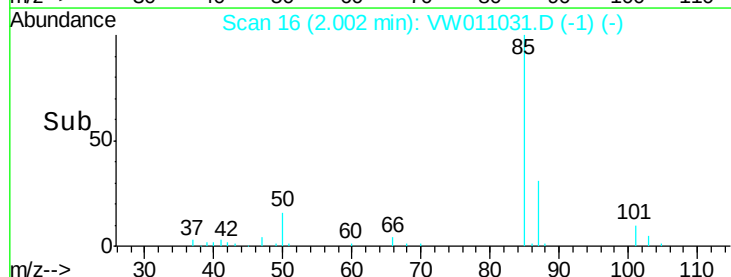
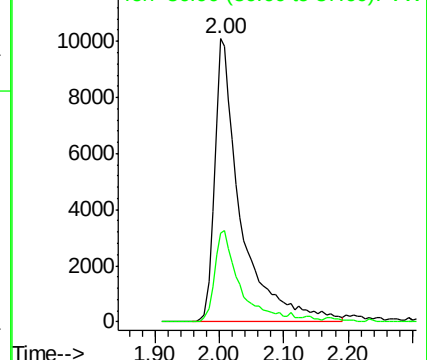
85 100

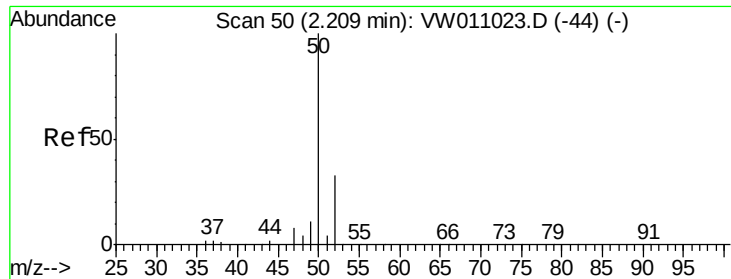
87 31.2 15.7 47.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 19.181 ug/l

RT: 2.20 min Scan# 49

Delta R.T. -0.01 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 50 Resp: 39477

Ion Ratio Lower Upper

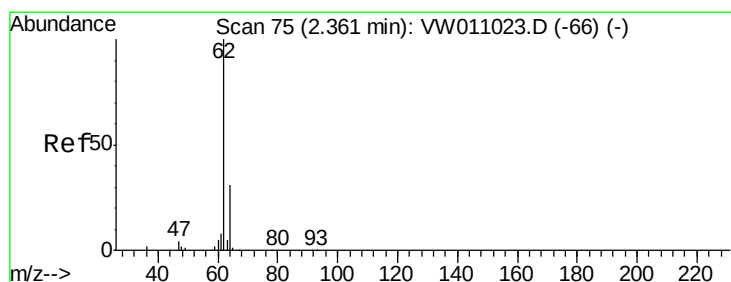
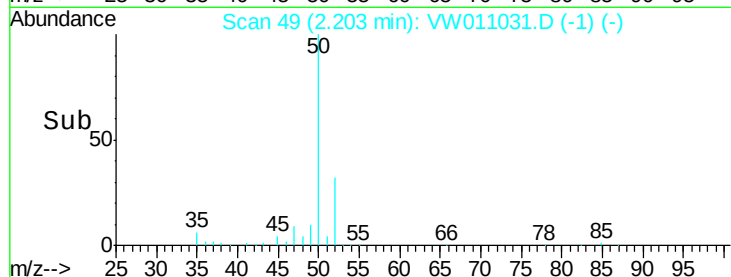
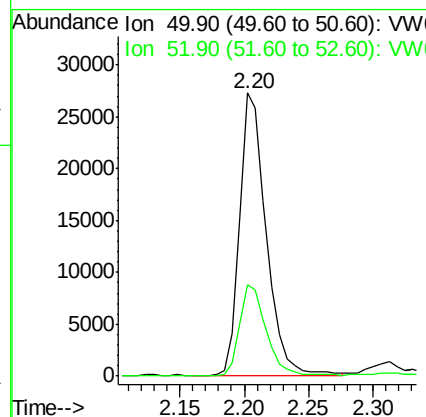
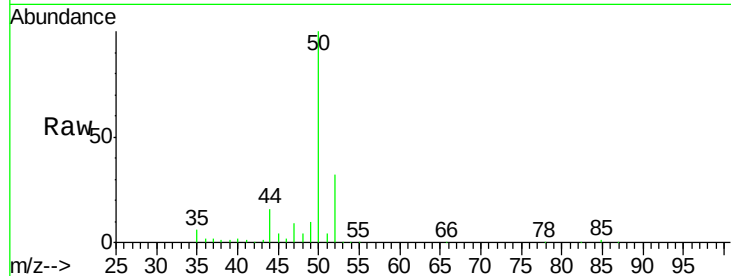
50 100

52 32.1 26.6 40.0

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#4

Vinyl Chloride

Concen: 17.622 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW011031.D

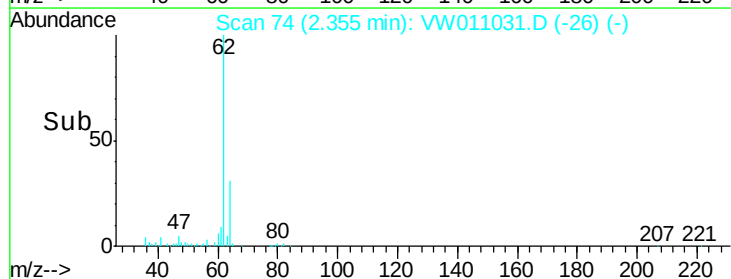
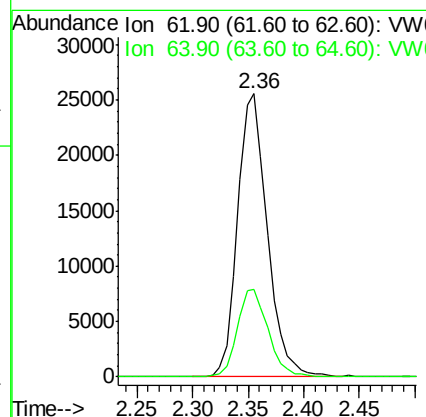
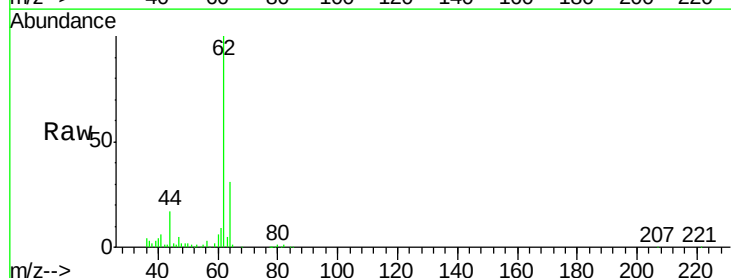
Acq: 27 Jun 2019 22:39

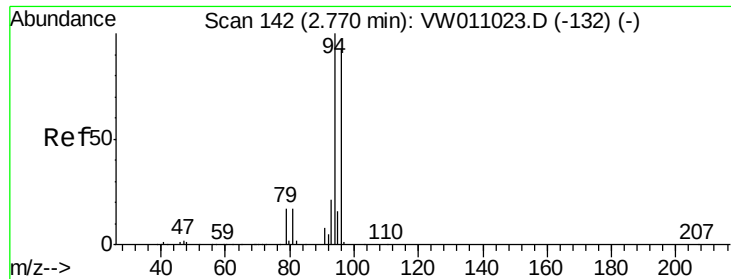
Tgt Ion: 62 Resp: 47223

Ion Ratio Lower Upper

62 100

64 31.0 24.8 37.2





#5

Bromomethane

Concen: 19.550 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBSD01

Tot Ion: 94 Resp: 26077

Ion Ratio Lower Upper

94 100

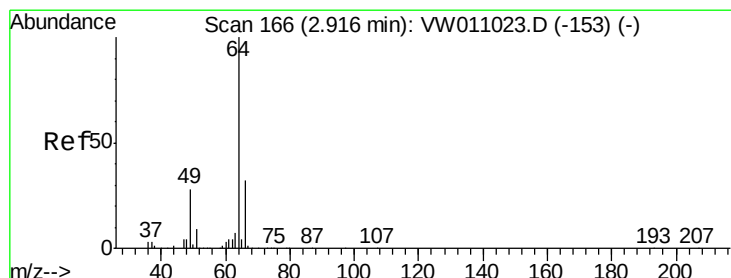
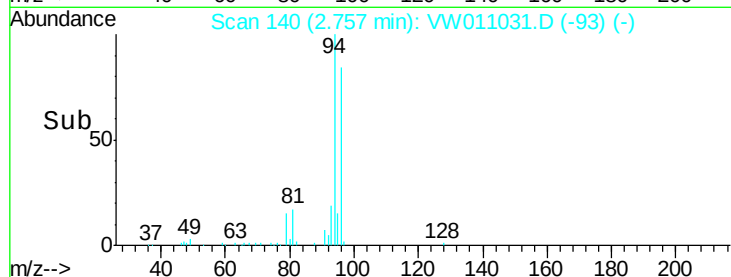
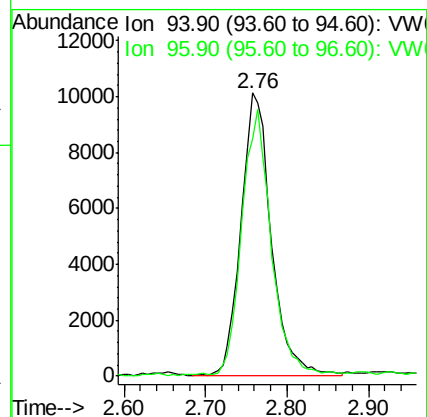
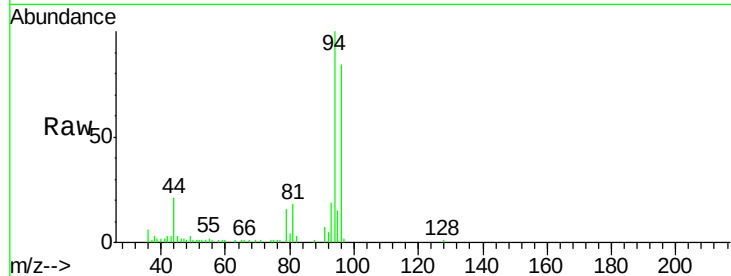
96 83.0 74.2 111.2

Manual Integrations

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#6

Chloroethane

Concen: 17.774 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW011031.D

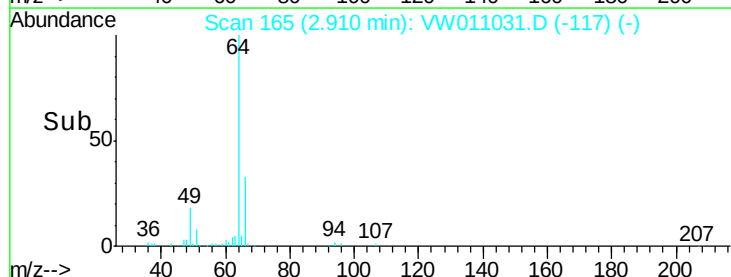
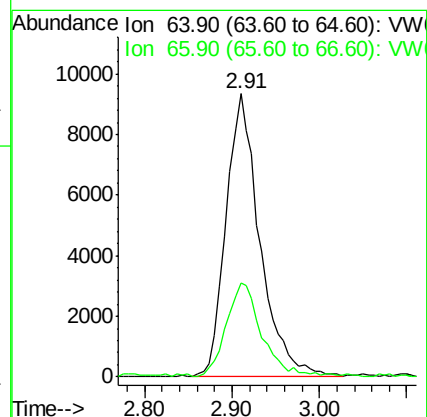
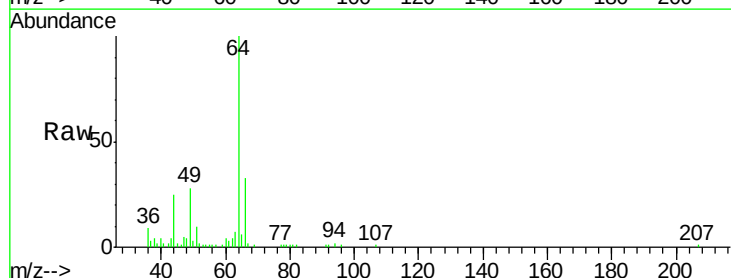
Acq: 27 Jun 2019 22:39

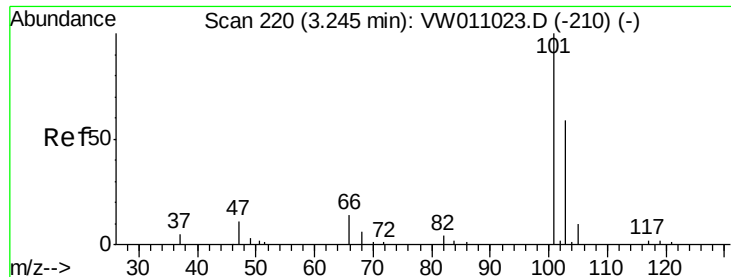
Tgt Ion: 64 Resp: 25111

Ion Ratio Lower Upper

64 100

66 33.0 25.7 38.5





#7

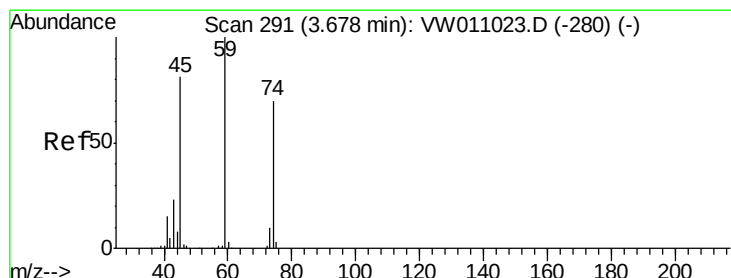
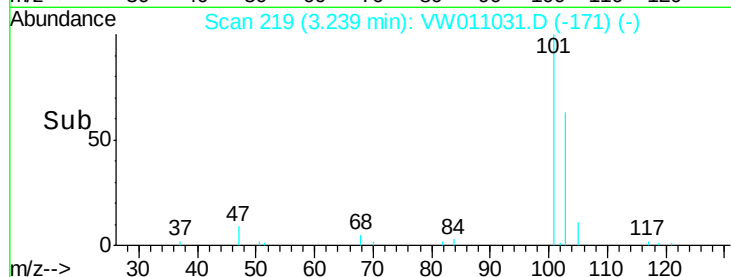
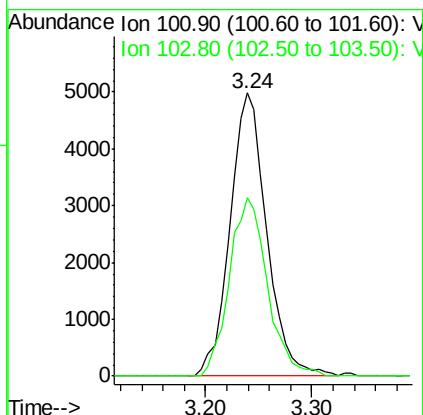
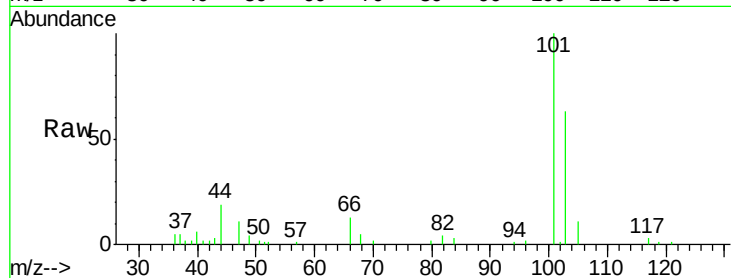
Trichlorofluoromethane
 Concen: 15.278 ug/l
 RT: 3.24 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

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 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	47.5	71.3

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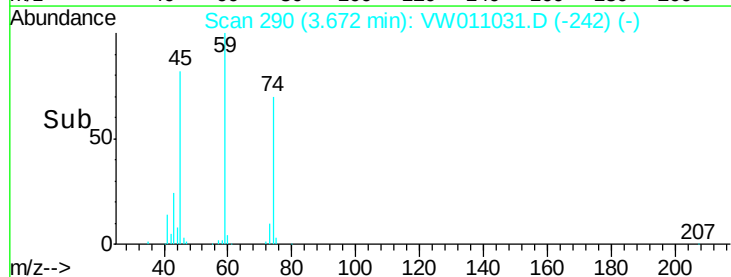
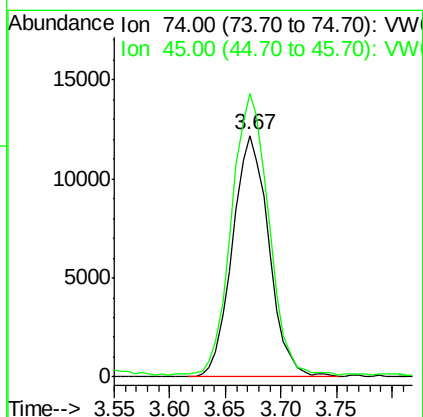
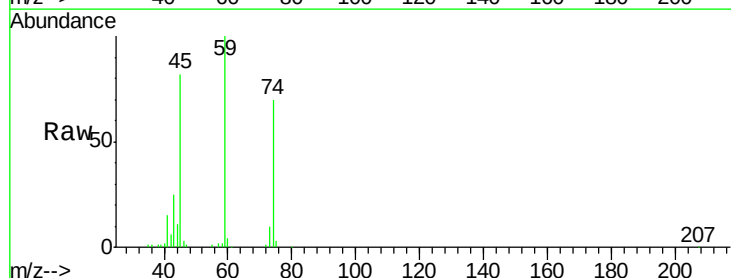
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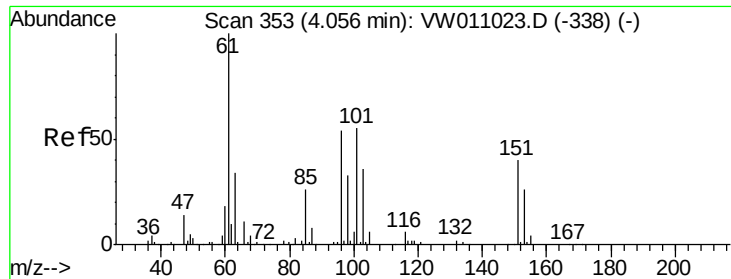


#8

Diethyl Ether
 Concen: 22.128 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.9	59.5	178.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.859 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

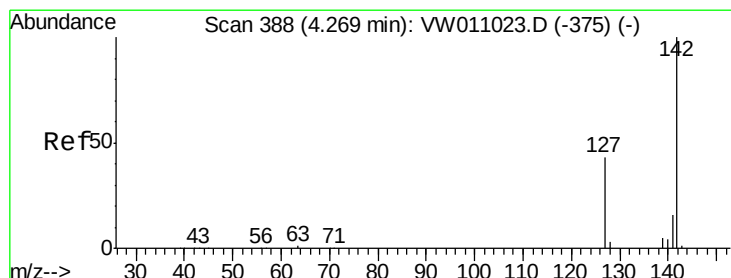
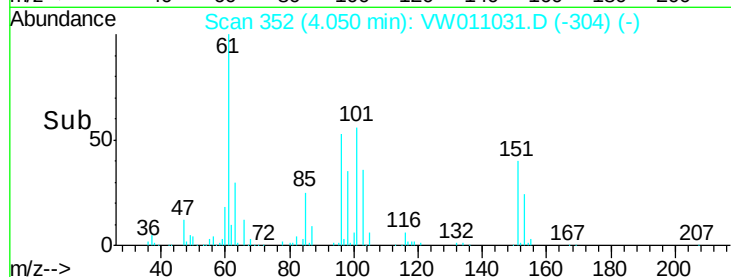
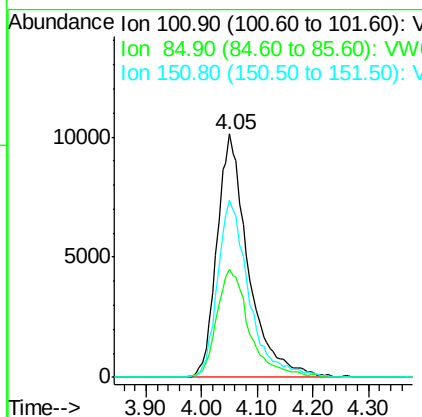
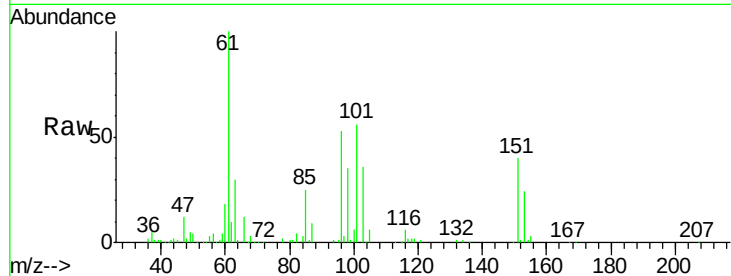
ClientSampleId :

VW0628SBS01

Tot Ion:	101	Resp:	39554
Ion Ratio	Lower	Upper	
101	100		
85	46.5	36.6	55.0
151	73.0	58.9	88.3

Manual Integrations
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#10

Methyl Iodide

Concen: 19.185 ug/l

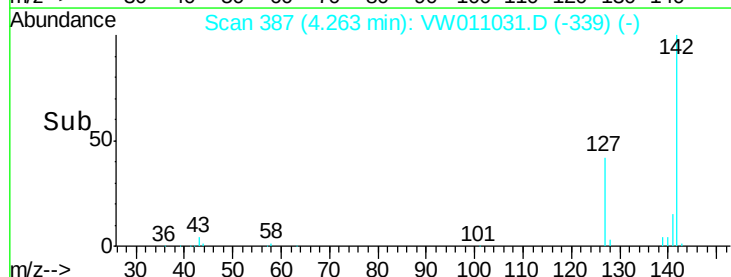
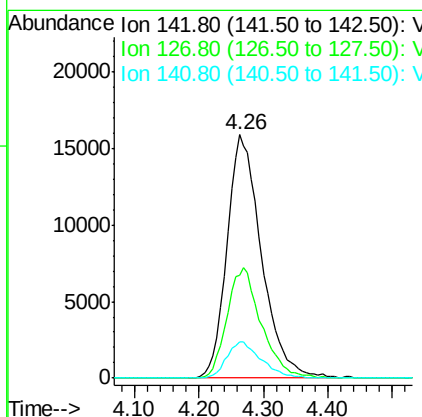
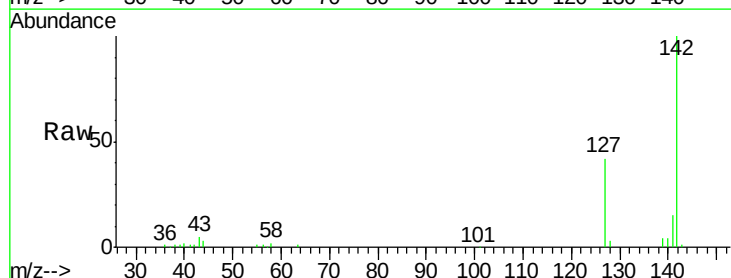
RT: 4.26 min Scan# 387

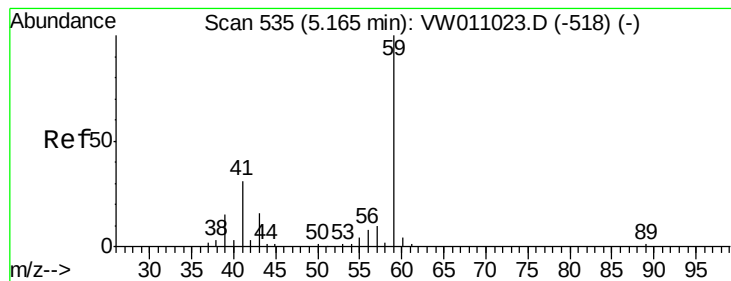
Delta R.T. -0.01 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Tgt Ion:	142	Resp:	59449
Ion Ratio	Lower	Upper	
142	100		
127	45.0	35.8	53.8
141	14.9	12.2	18.2





#11

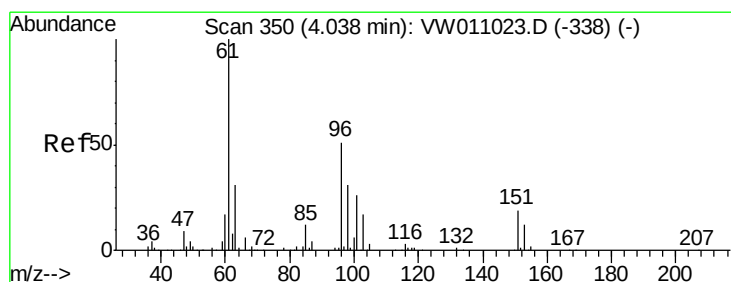
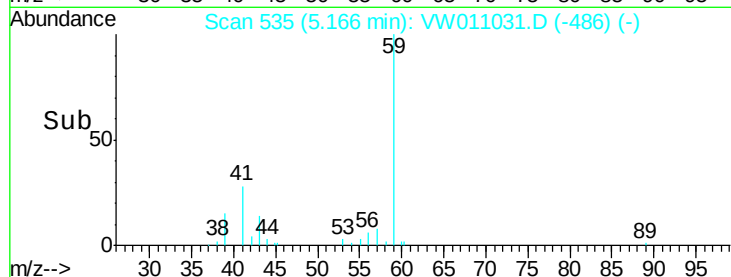
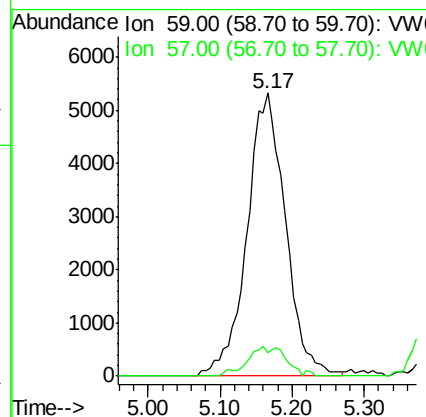
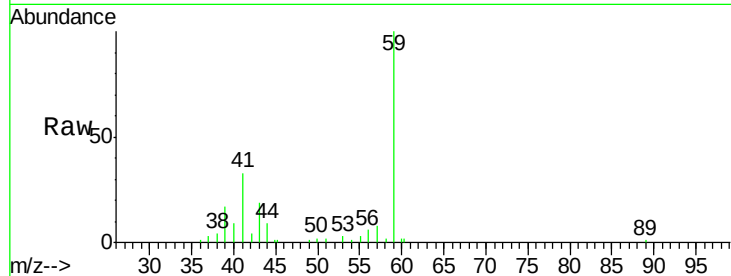
Tert butyl alcohol
 Concen: 102.352 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	5.7	9.0	13.4#

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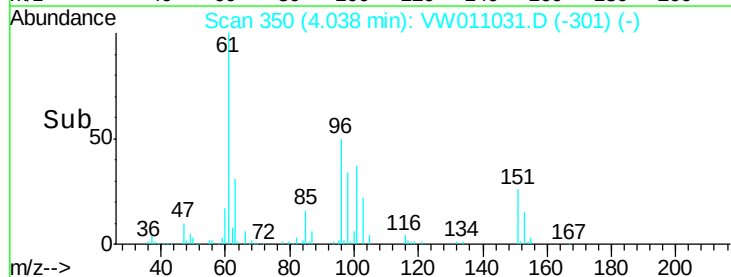
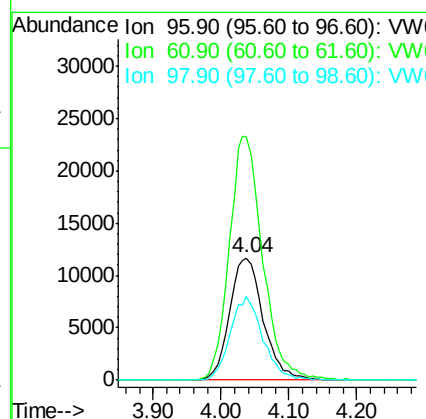
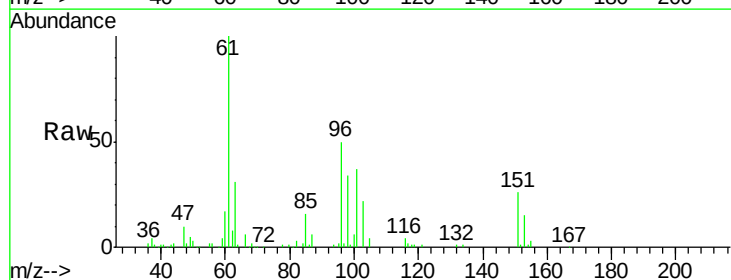
MMDadoda
 7/2/2019 8:28:29 AM

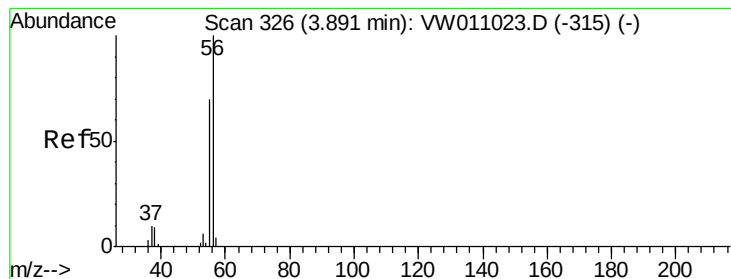


#12

1,1-Dichloroethene
 Concen: 17.391 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	198.6	156.0	234.0
98	68.3	48.7	73.1





#13

Acrolein

Concen: 104.215 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 56 Resp: 15714

Ion Ratio Lower Upper

56 100

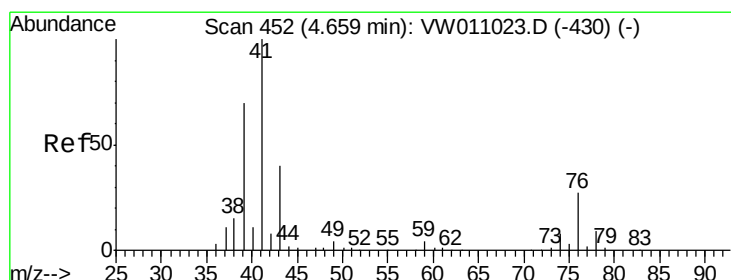
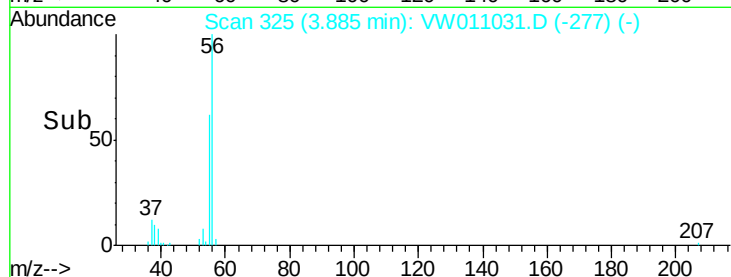
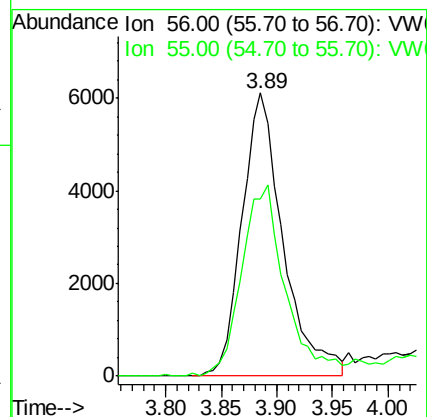
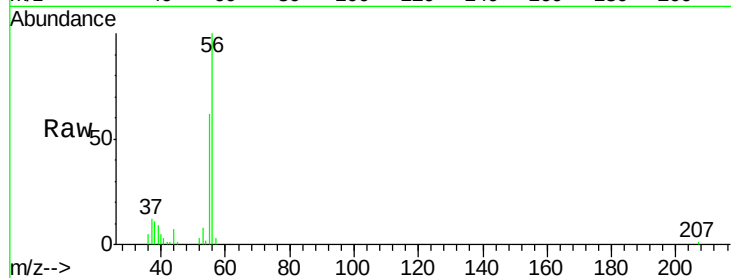
55 71.3 55.7 83.5

Manual Integrations

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#14

Allyl chloride

Concen: 18.075 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

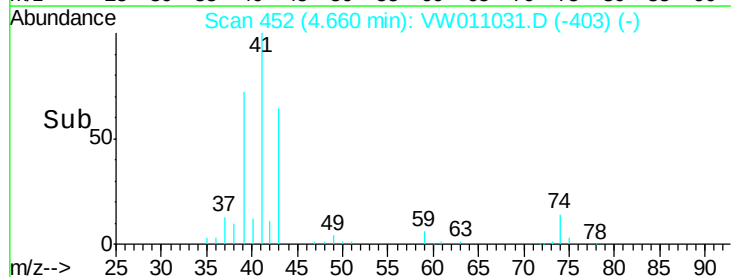
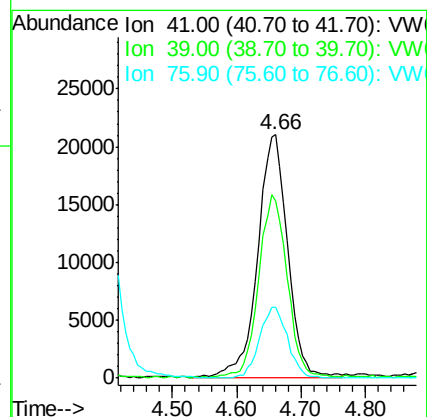
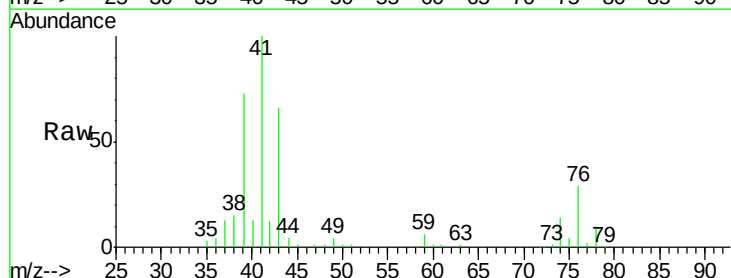
Tgt Ion: 41 Resp: 67066

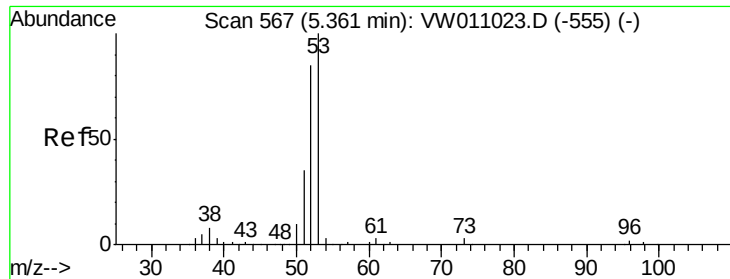
Ion Ratio Lower Upper

41 100

39 71.3 55.4 83.2

76 27.3 22.0 33.0





#15

Acrylonitrile

Concen: 107.377 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

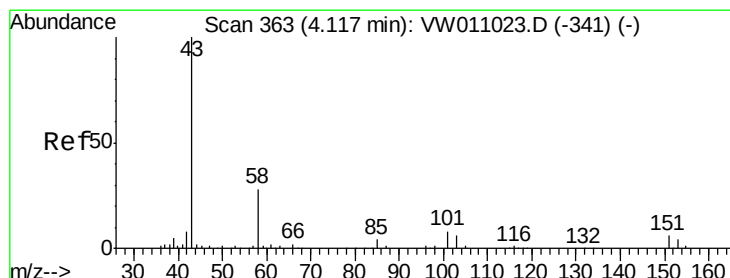
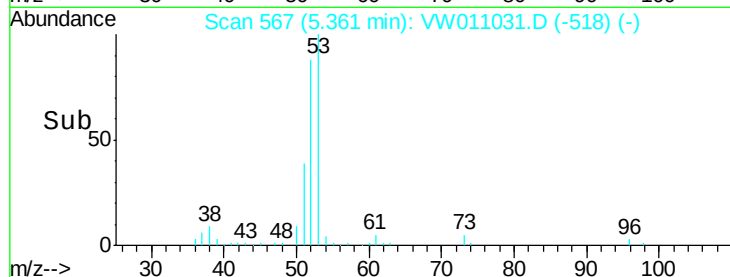
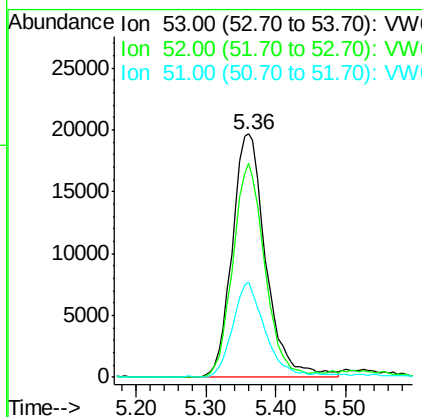
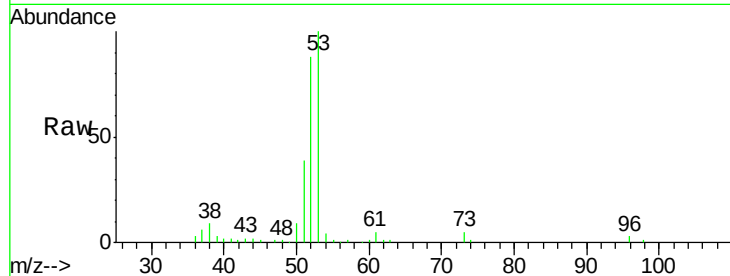
ClientSampleId :

VW0628SBS01

Tot Ion:	53	Resp:	65946
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.3	99.5
51	37.4	29.8	44.6

Manual Integrations
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#16

Acetone

Concen: 101.198 ug/l

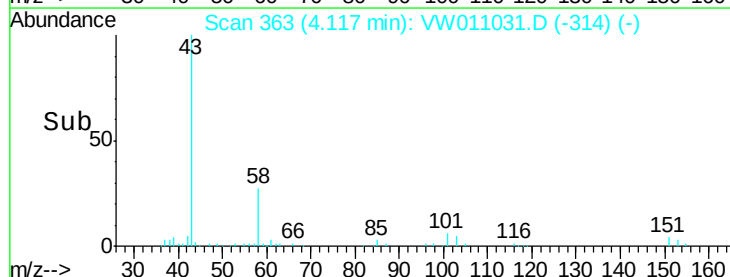
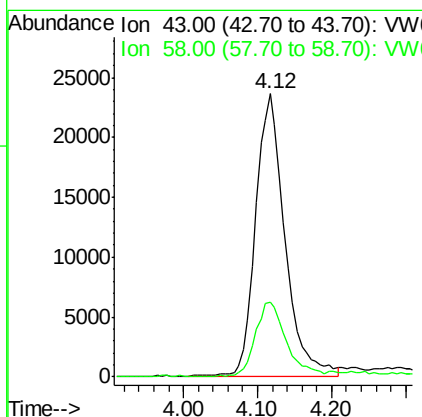
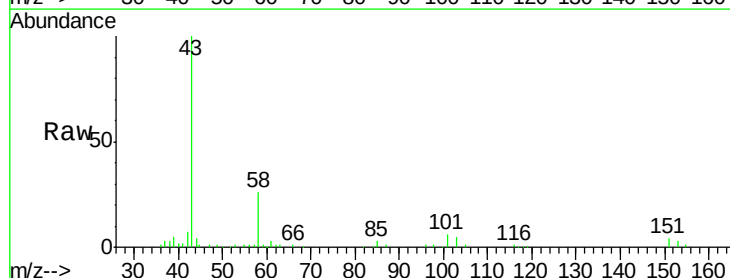
RT: 4.12 min Scan# 363

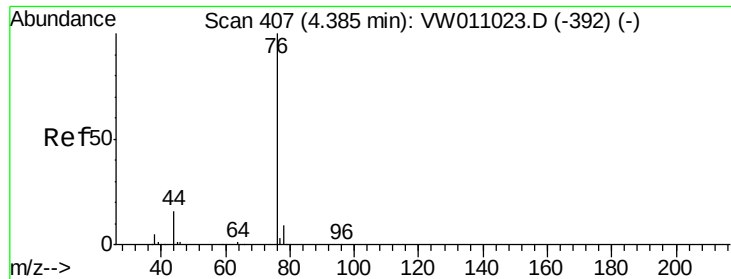
Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Tgt Ion:	43	Resp:	65765
Ion	Ratio	Lower	Upper
43	100		
58	25.9	22.5	33.7





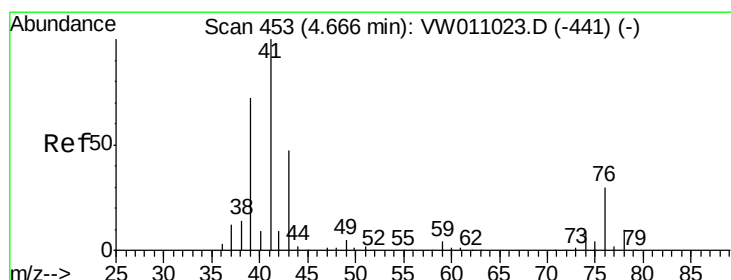
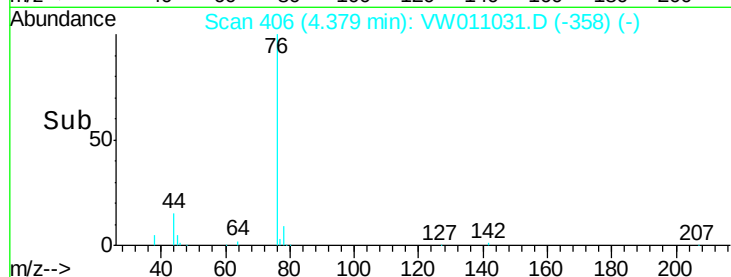
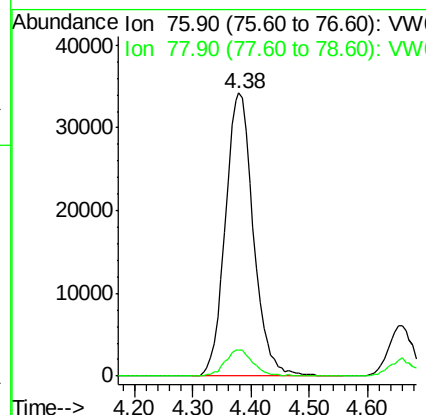
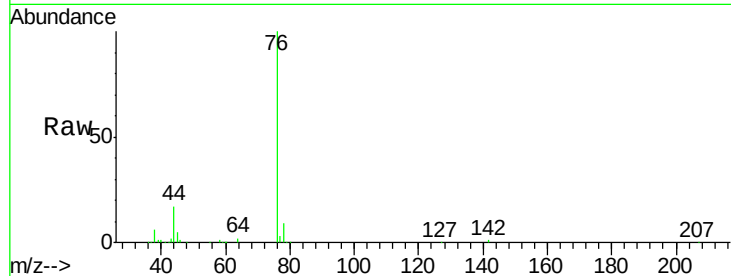
#17
Carbon Disulfide
Concen: 17.483 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

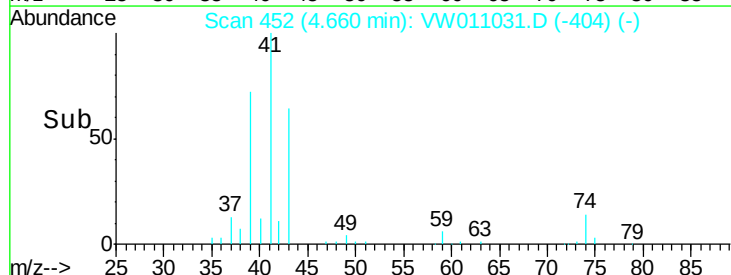
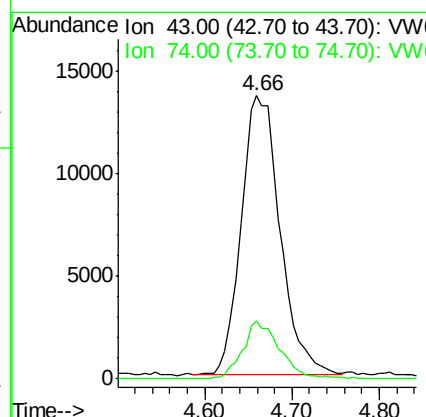
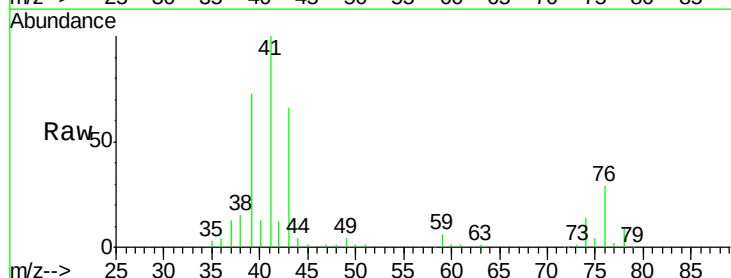
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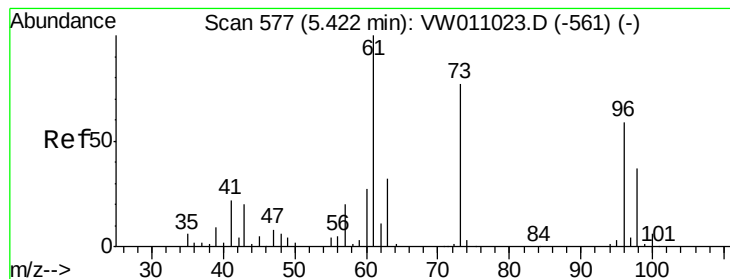
MMDadoda
7/2/2019 8:28:29 AM



#18
Methyl Acetate
Concen: 25.006 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.8	15.8	23.8





#19

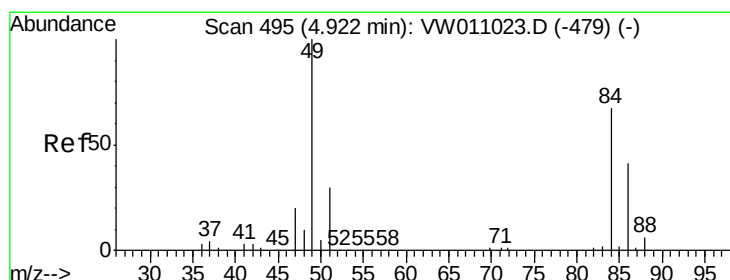
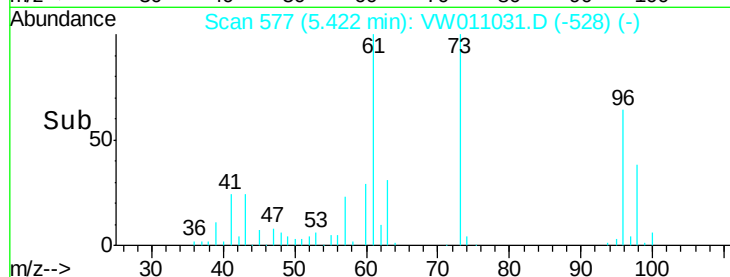
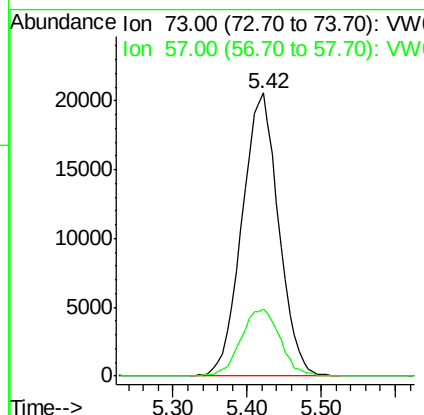
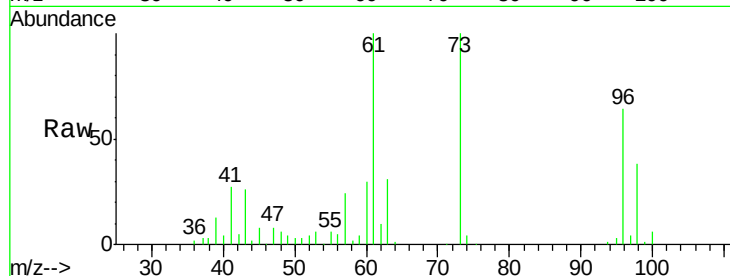
Methyl tert-butyl Ether
 Concen: 21.733 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. 0.00 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.5	20.8	31.2

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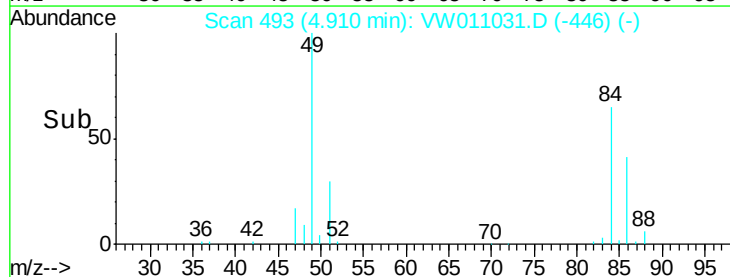
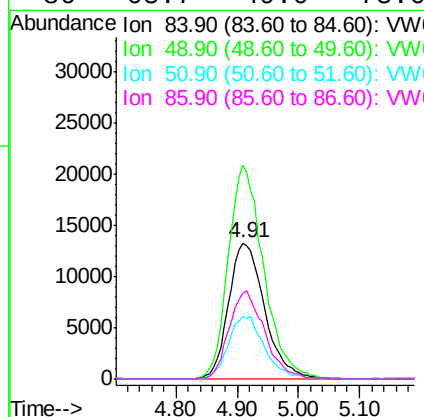
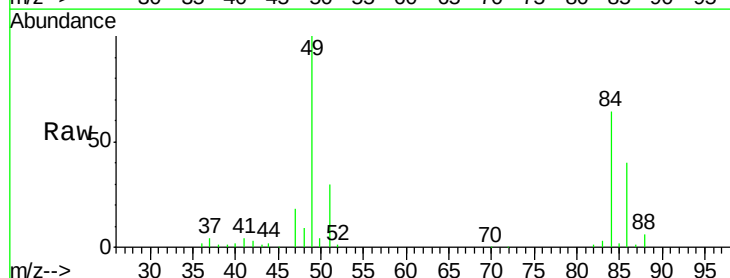
MMDadoda
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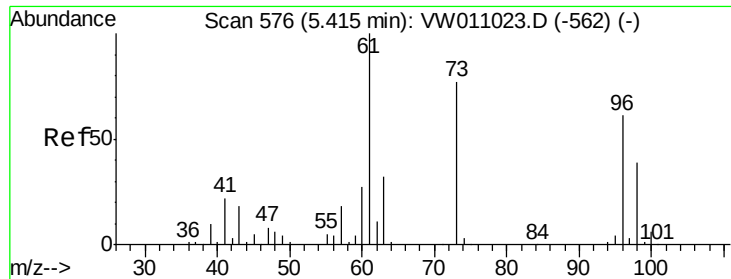


#20

Methylene Chloride
 Concen: 20.435 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	157.3	119.6	179.4
51	46.7	35.6	53.4
86	63.7	49.0	73.6





#21

trans-1,2-Dichloroethene

Concen: 18.992 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

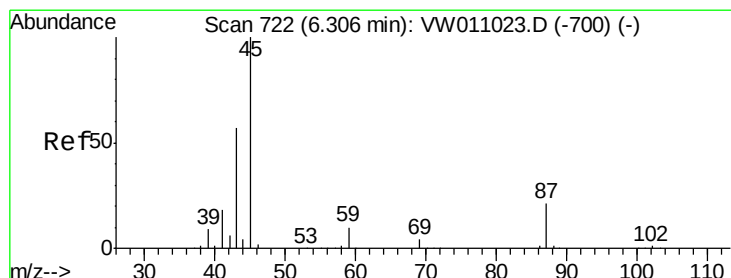
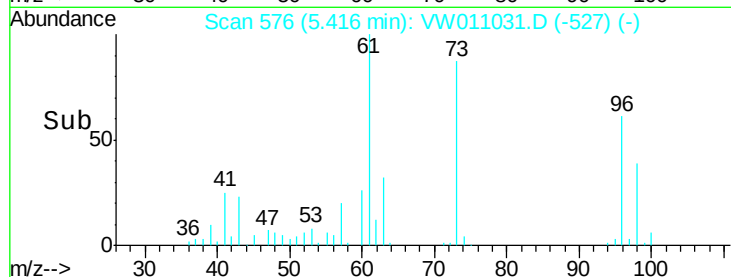
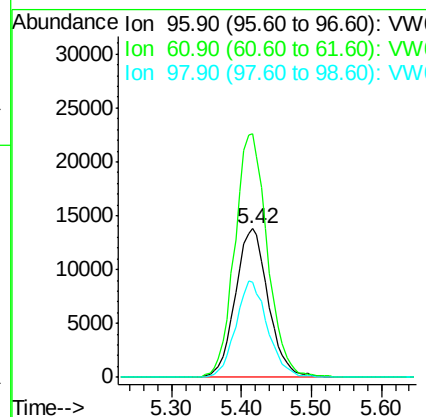
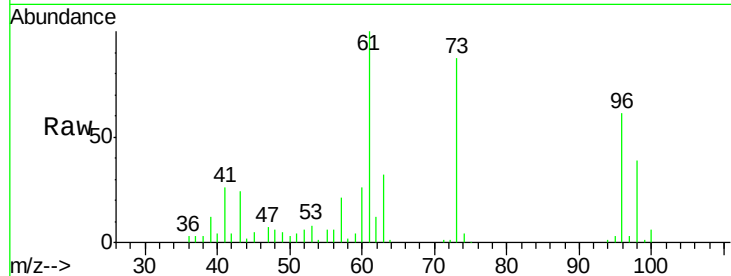
ClientSampleId :

VW0628SBS01

Tot Ion:	96	Resp:	45117
Ion	Ratio	Lower	Upper
96	100		
61	163.6	131.0	196.4
98	63.8	50.8	76.2

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#22

Diisopropyl ether

Concen: 20.884 ug/l

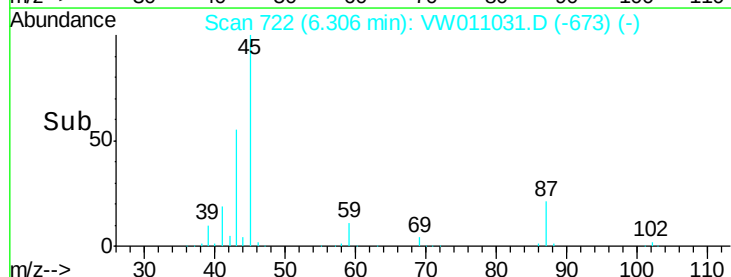
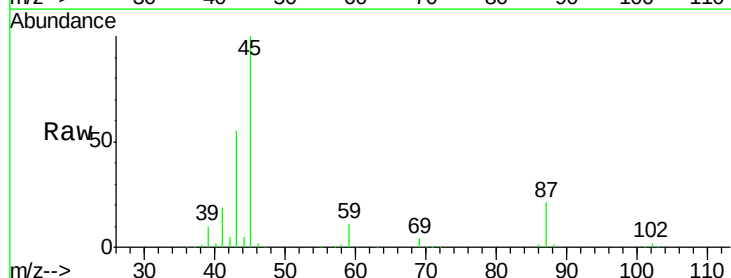
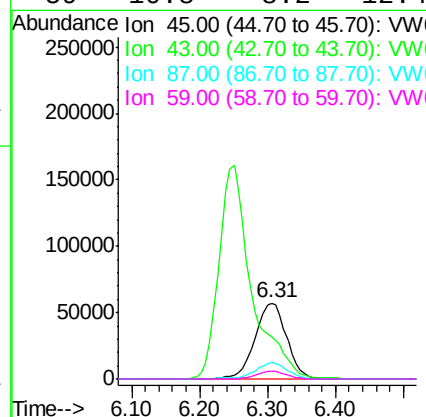
RT: 6.31 min Scan# 722

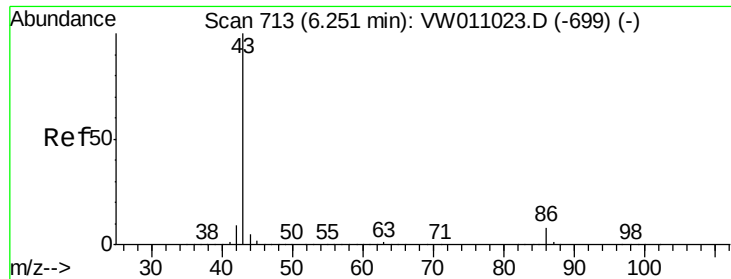
Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Tgt Ion:	45	Resp:	186471
Ion	Ratio	Lower	Upper
45	100		
43	54.5	45.8	68.6
87	21.1	17.1	25.7
59	10.8	8.2	12.4





#23

Vinyl Acetate

Concen: 97.876 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 43 Resp: 538473

Ion Ratio Lower Upper

43 100

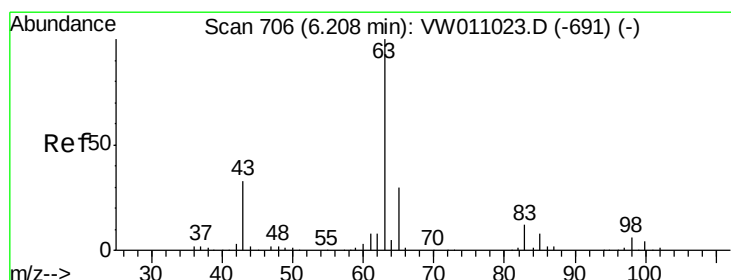
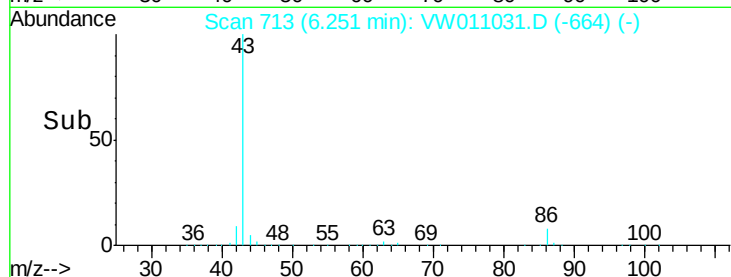
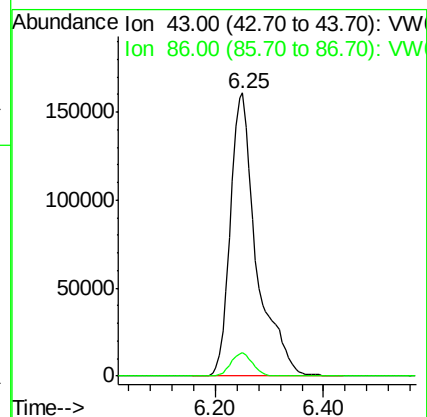
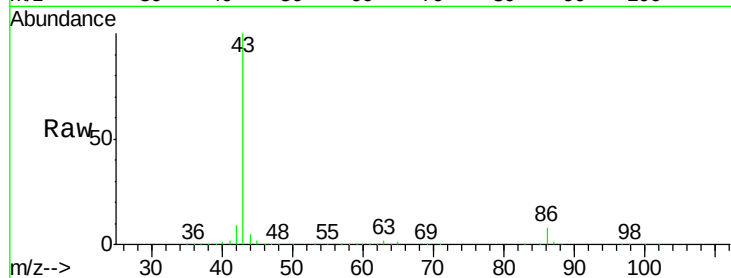
86 8.2 6.6 10.0

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#24

1,1-Dichloroethane

Concen: 19.568 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

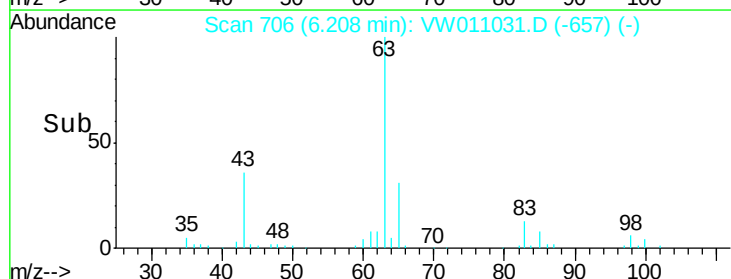
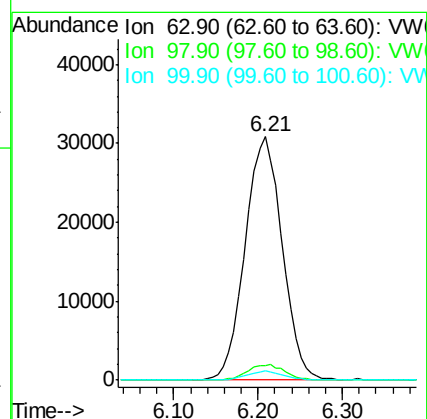
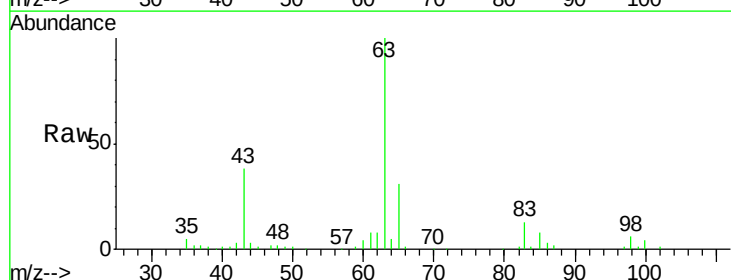
Tgt Ion: 63 Resp: 92225

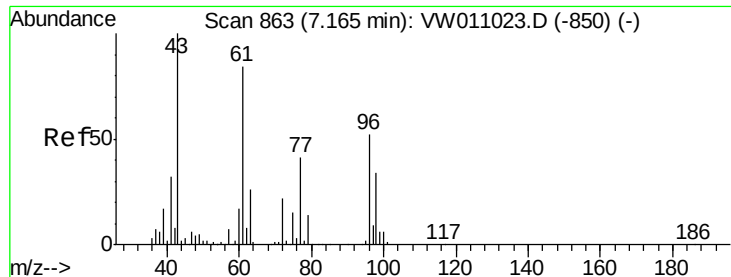
Ion Ratio Lower Upper

63 100

98 5.7 3.1 9.4

100 3.8 2.1 6.2





#25

2-Butanone

Concen: 103.452 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 43 Resp: 102192

Ion Ratio Lower Upper

43 100

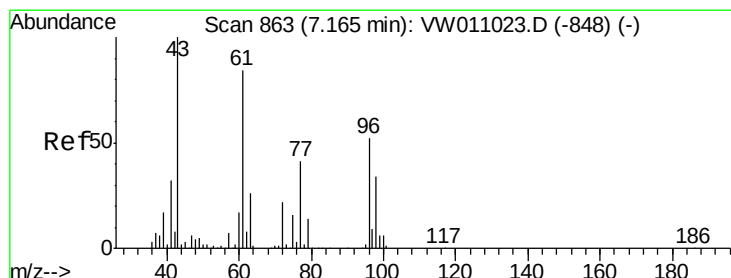
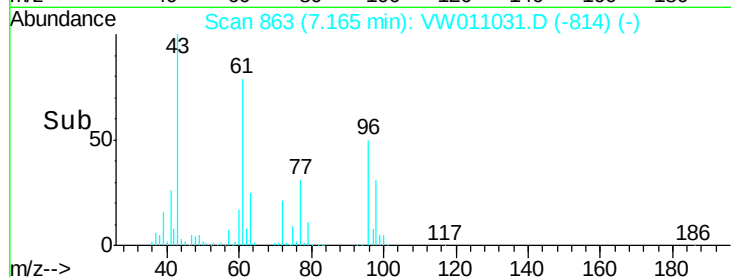
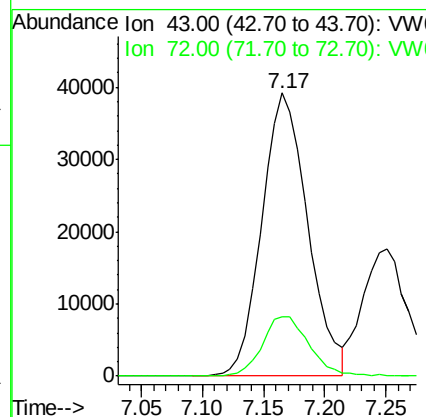
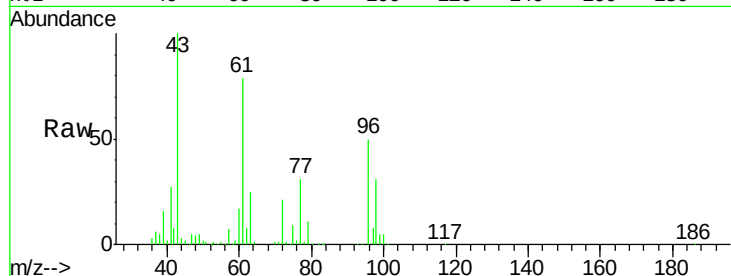
72 21.1 17.2 25.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 16.135 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW011031.D

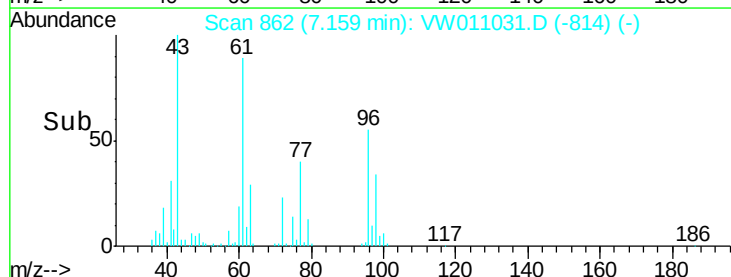
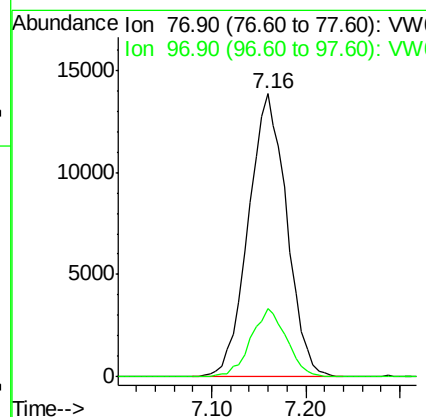
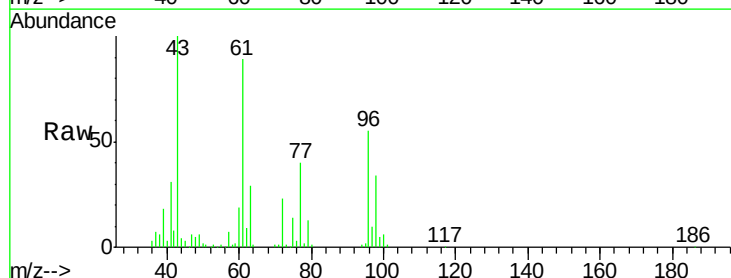
Acq: 27 Jun 2019 22:39

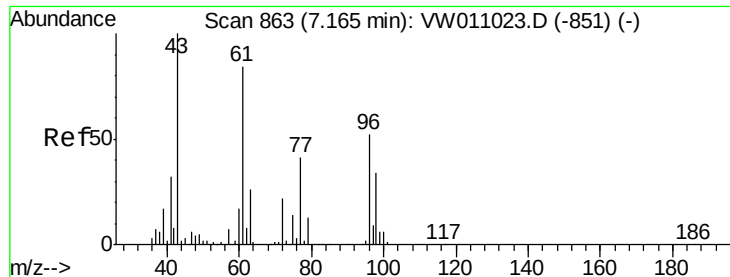
Tgt Ion: 77 Resp: 39483

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.7





#27

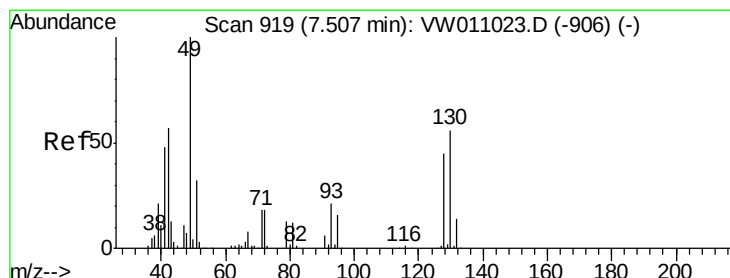
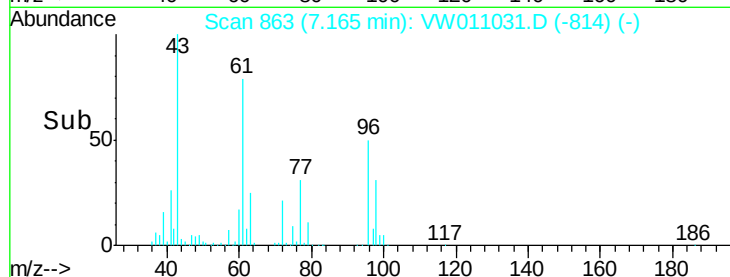
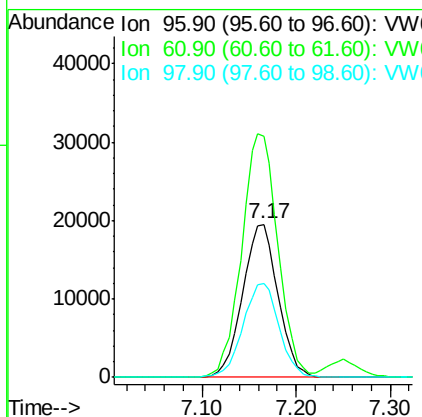
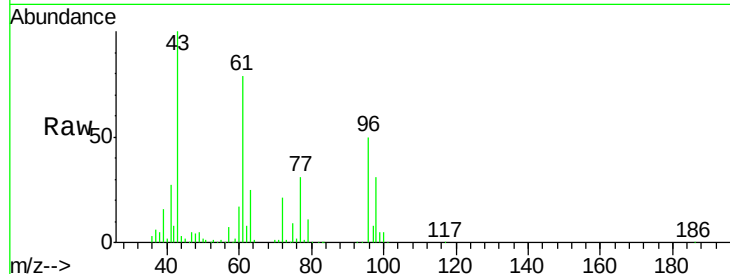
cis-1,2-Dichloroethene
Concen: 20.089 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.8	0.0	330.4
98	62.4	0.0	129.4

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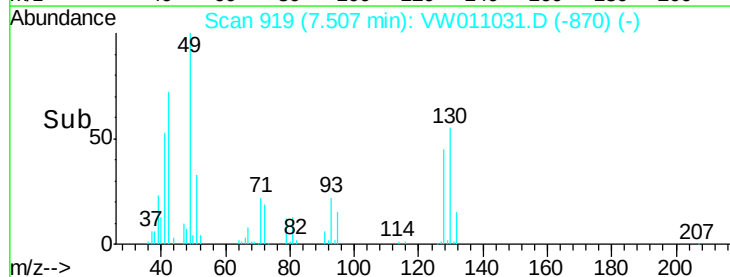
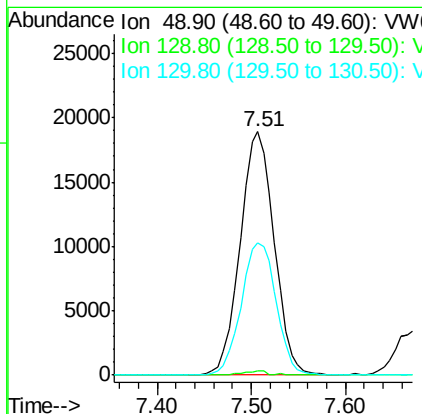
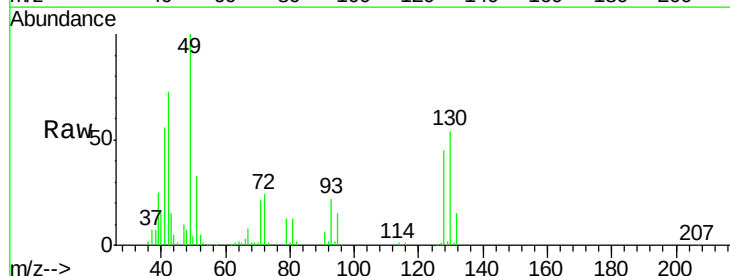
MMDadoda
7/2/2019 8:28:29 AM

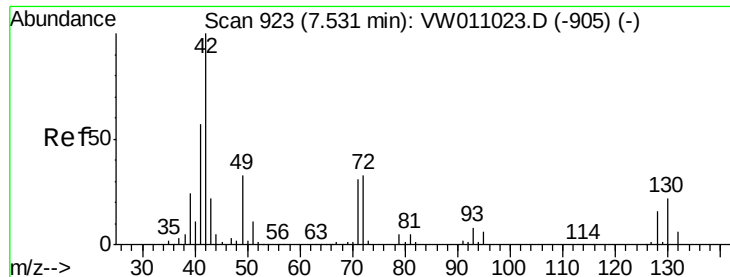


#28

Bromochloromethane
Concen: 21.771 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	3.4
130	56.0	46.1	69.1





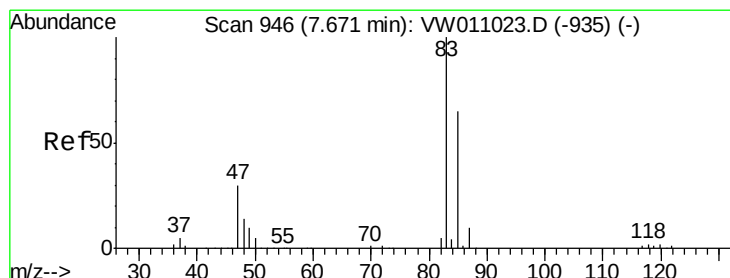
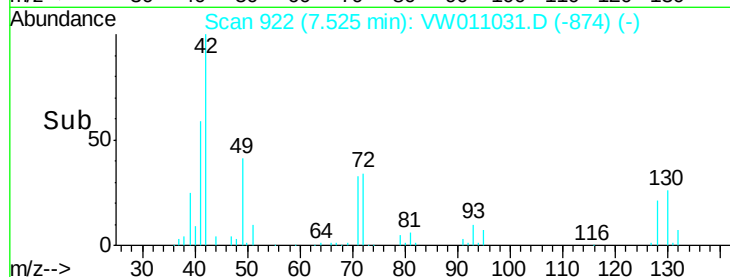
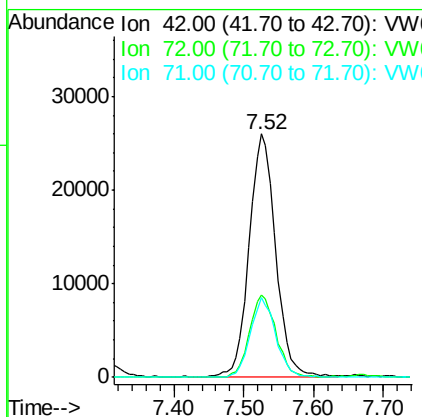
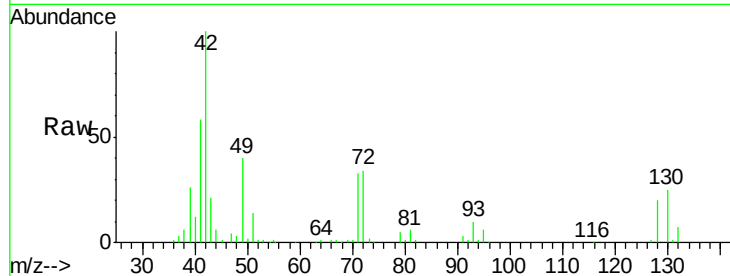
#29
Tetrahydrofuran
Concen: 112.122 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.5	27.4	41.0
71	31.3	25.6	38.4

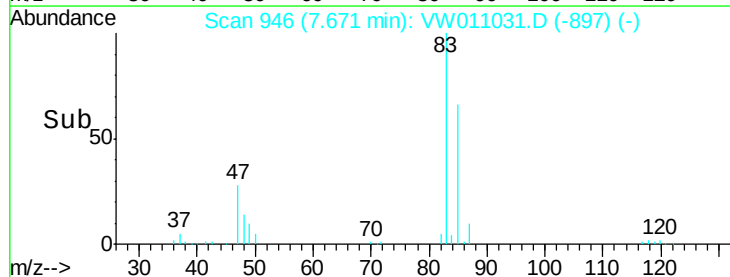
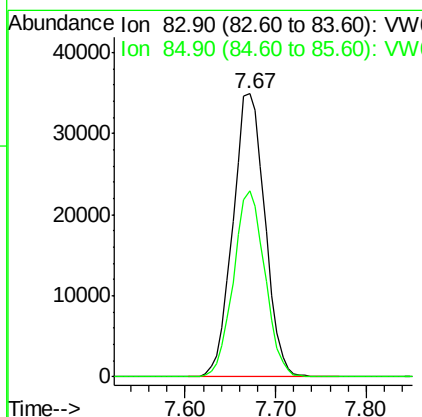
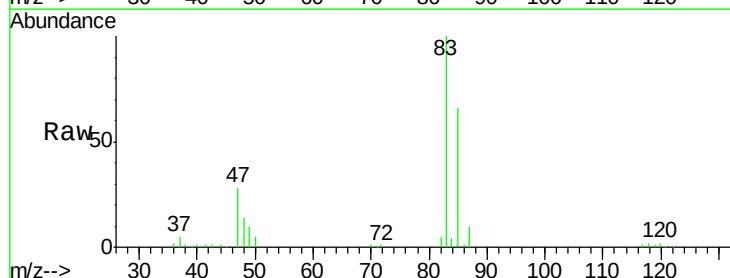
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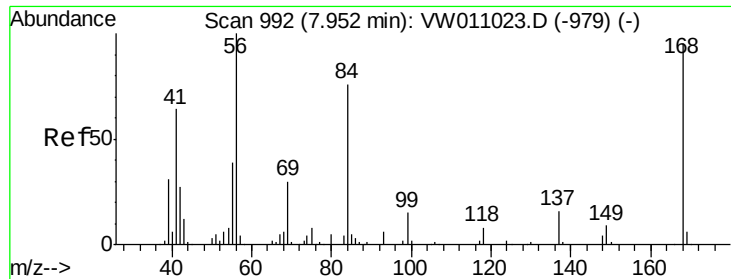
MMDadoda
7/2/2019 8:28:29 AM



#30
Chloroform
Concen: 20.007 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.2	78.4





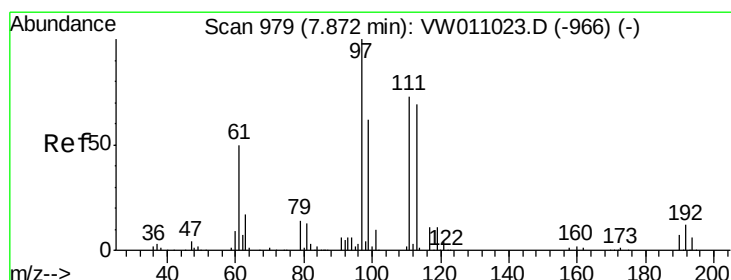
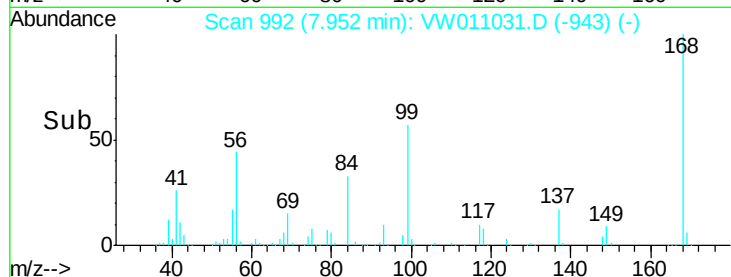
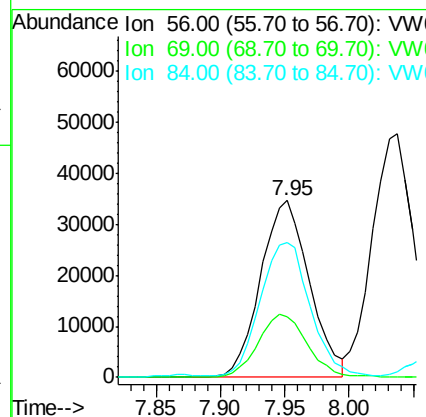
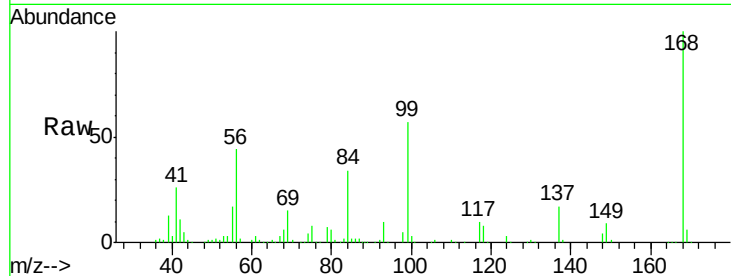
#31
Cyclohexane
Concen: 17.891 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.4	24.2	36.2
84	75.7	60.6	90.8

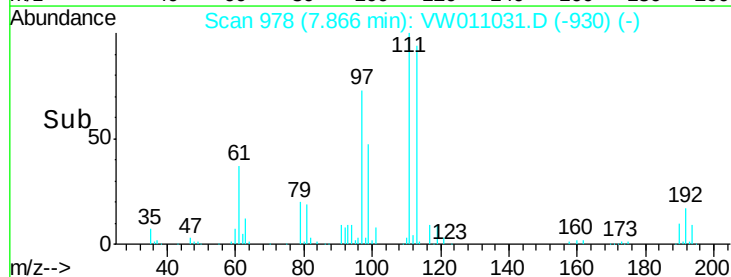
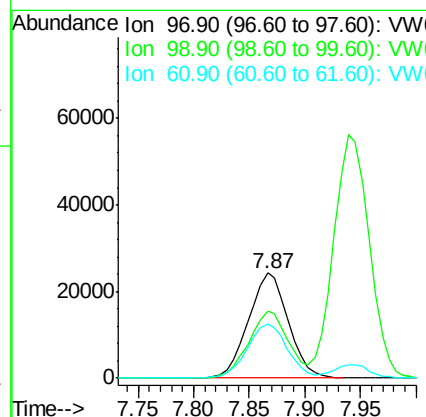
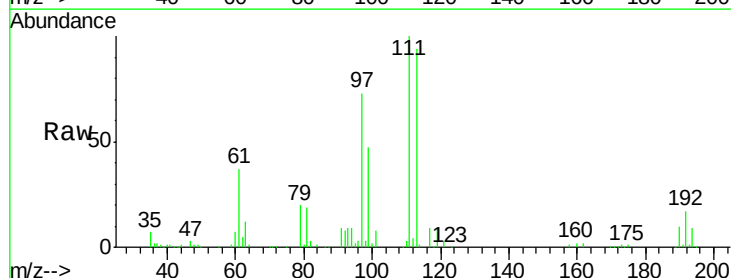
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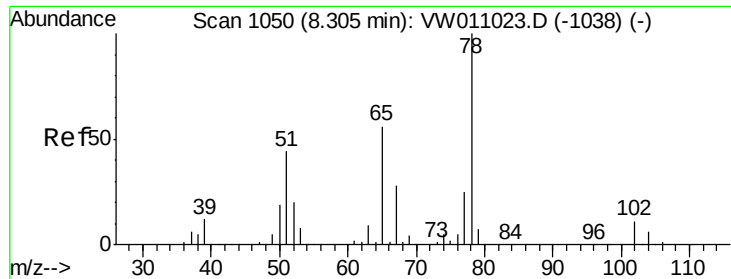
MMDadoda
7/2/2019 8:28:29 AM



#32
1,1,1-Trichloroethane
Concen: 18.863 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	52.0	41.4	62.2





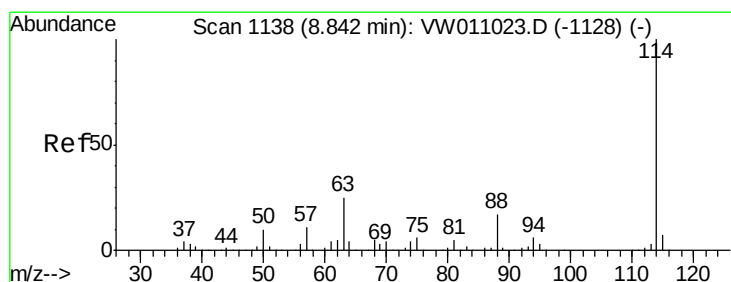
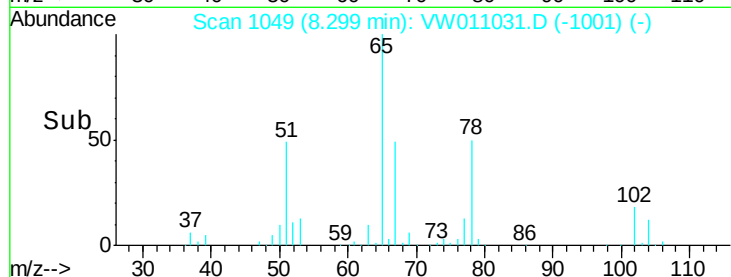
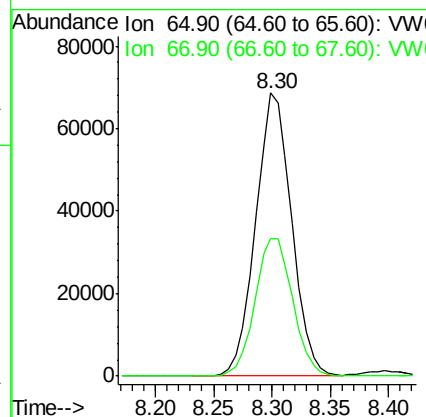
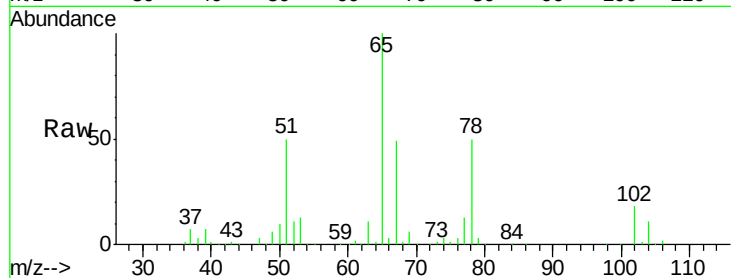
#33
 1,2-Dichloroethane-d4
 Concen: 55.618 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion: 65 Resp: 148076
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.4

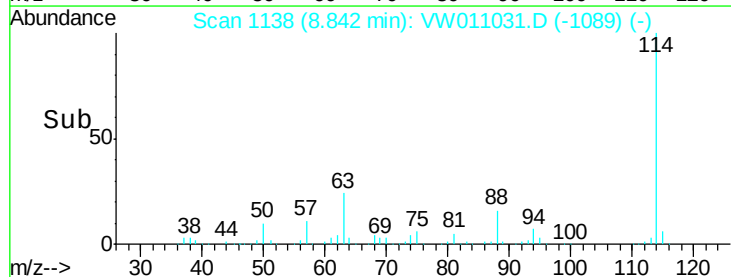
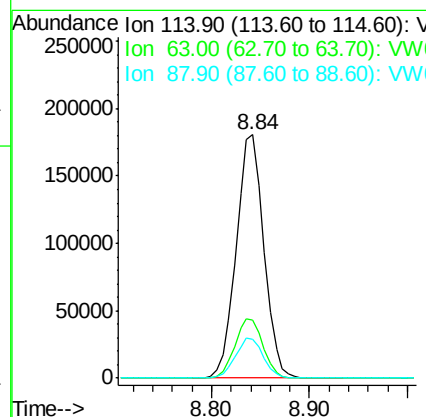
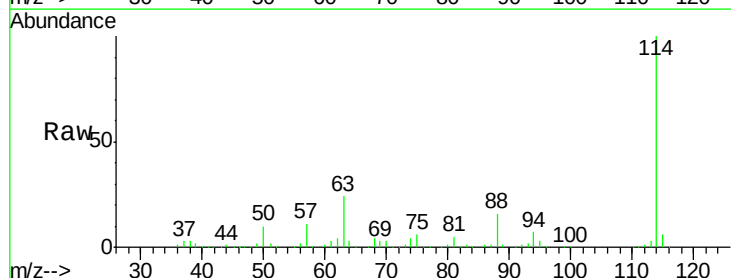
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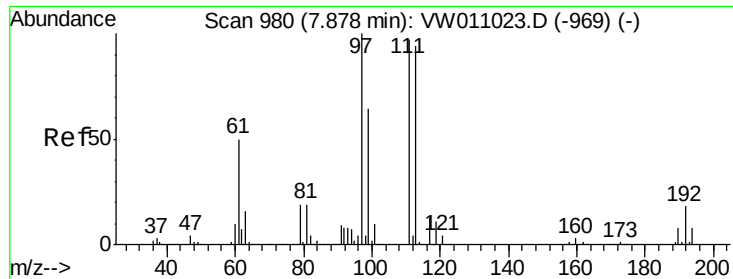
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 7/2/2019 8:28:29 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Tgt Ion: 114 Resp: 353381
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 50.6
 88 15.9 0.0 34.0





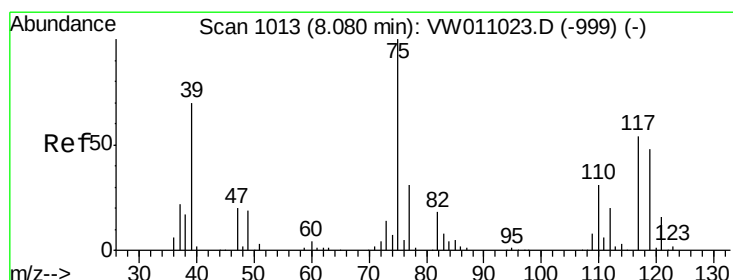
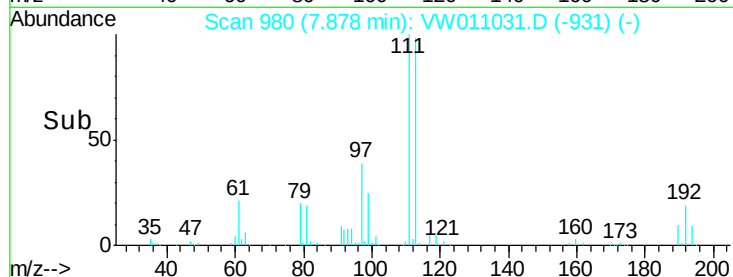
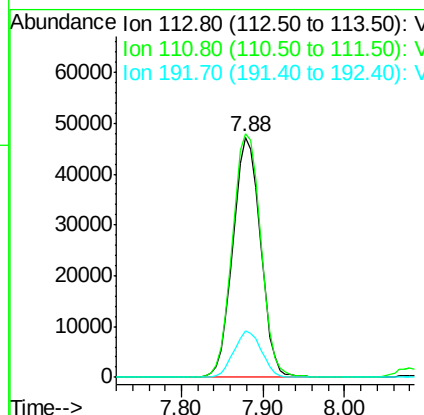
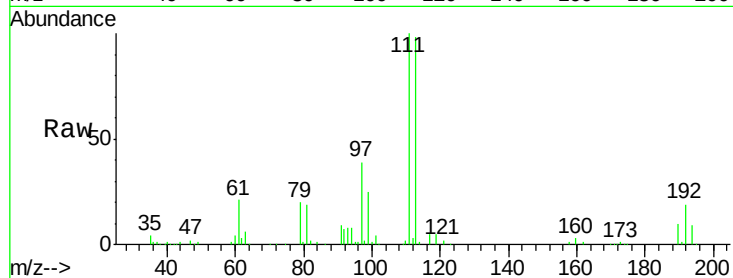
#35
 Dibromofluoromethane
 Concen: 51.045 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110150		
111	104.3	83.8	125.6	
192	19.3	16.0	24.0	

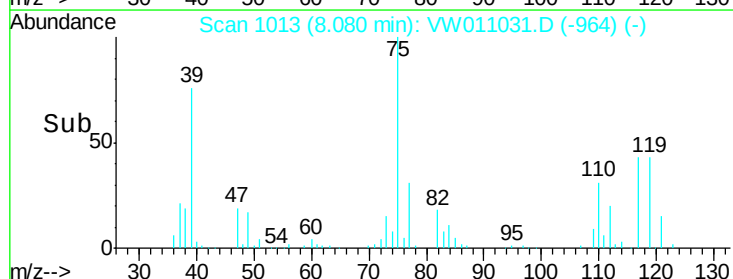
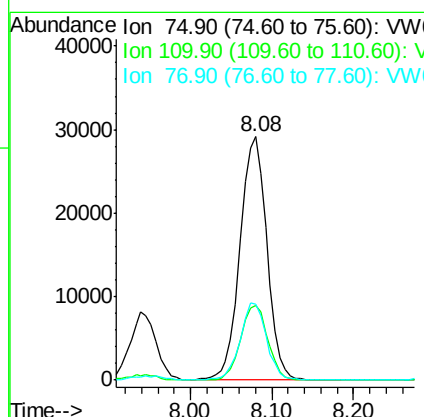
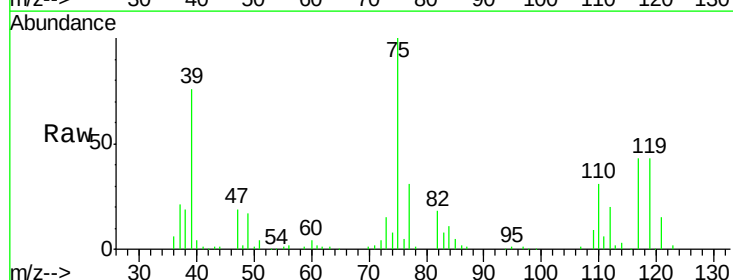
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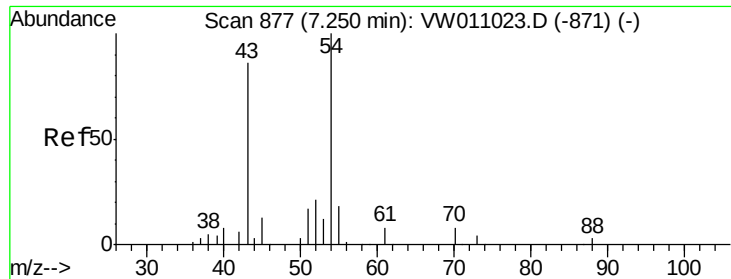
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#36
 1,1-Dichloropropene
 Concen: 17.516 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	66530		
110	31.1	15.5	46.5	
77	30.8	24.9	37.3	





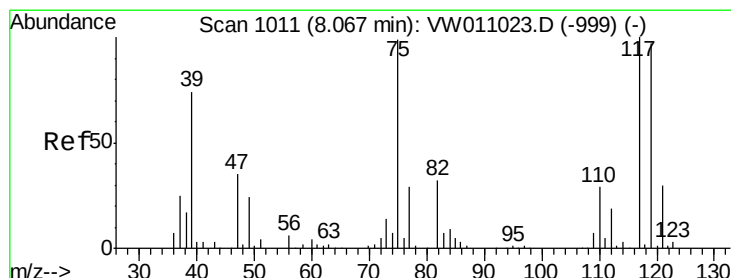
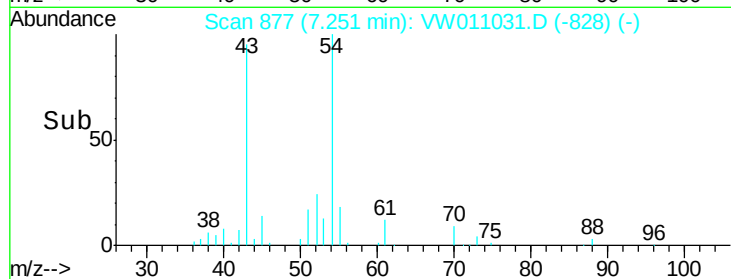
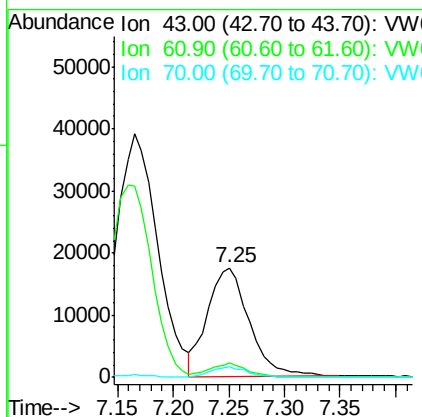
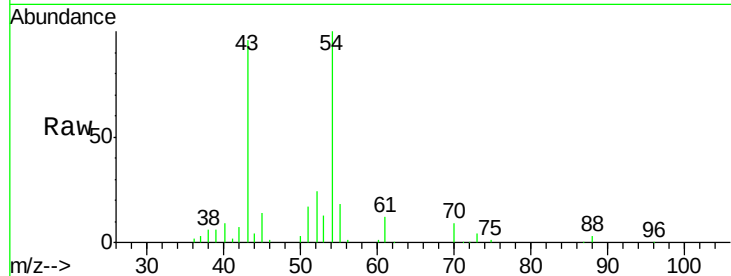
#37
Ethyl Acetate
Concen: 20.458 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	9.0	13.4
70	8.8	7.2	10.8

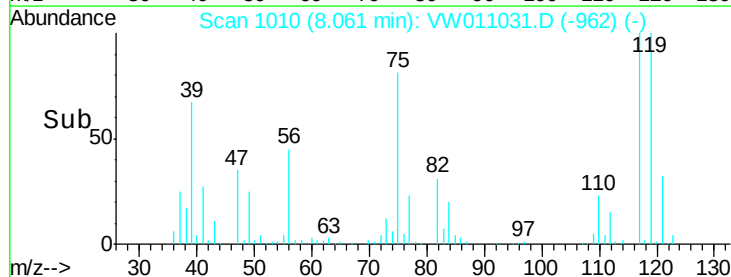
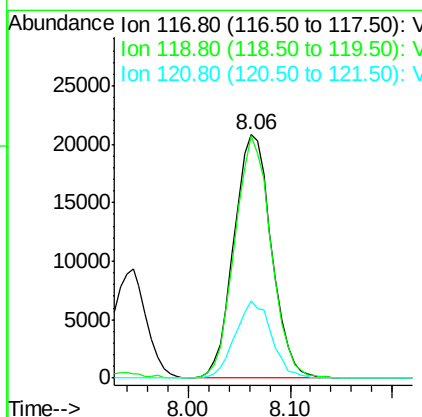
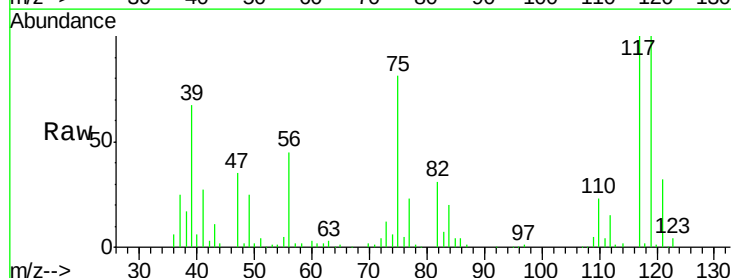
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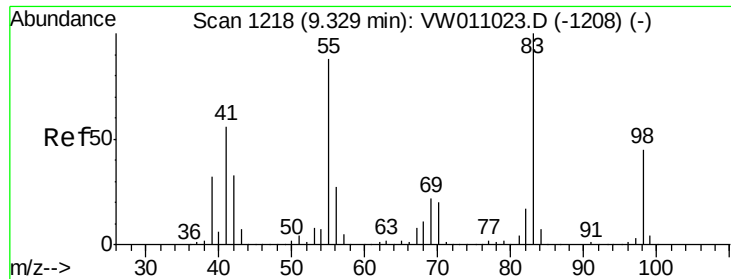
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#38
Carbon Tetrachloride
Concen: 16.992 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	77.7	116.5
121	31.9	23.9	35.9





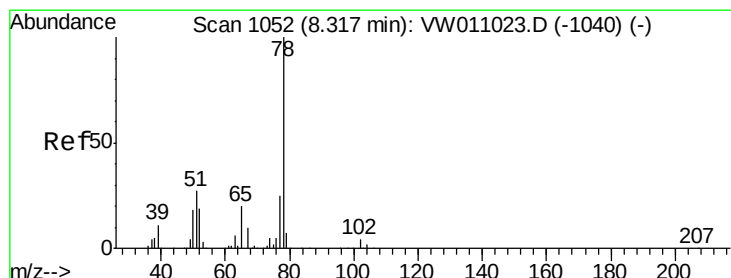
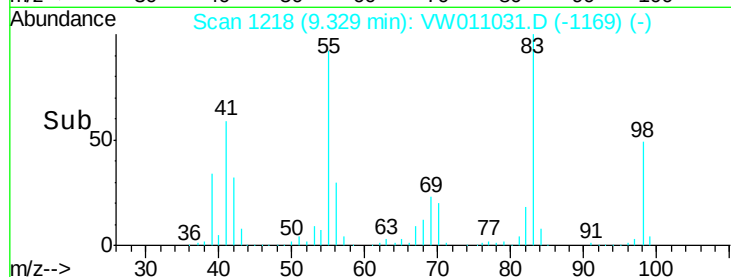
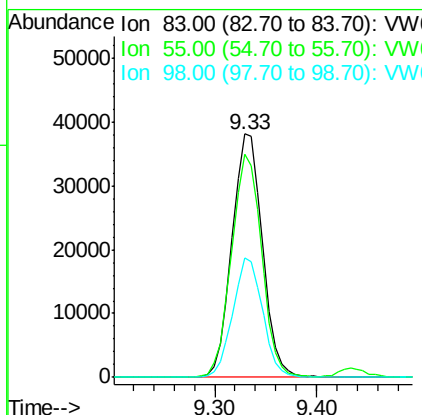
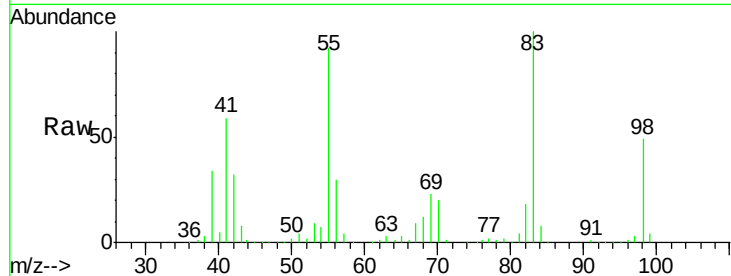
#39
Methylvlcyclohexane
Concen: 16.854 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	83	Resp	78782
Ion Ratio	100	Lower	Upper
83	100	70.7	106.1
55	91.5	36.4	54.6
98	49.2		

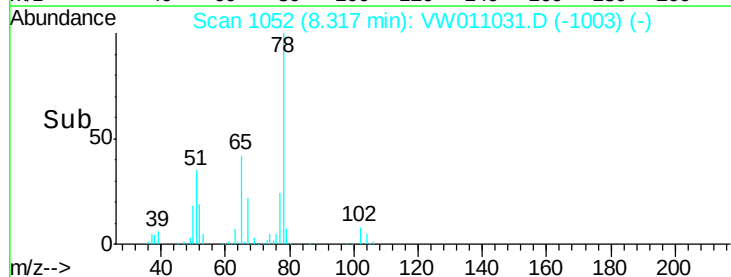
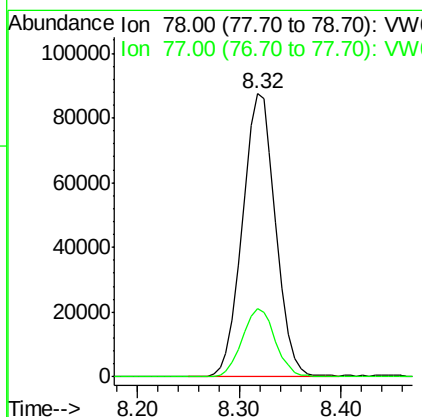
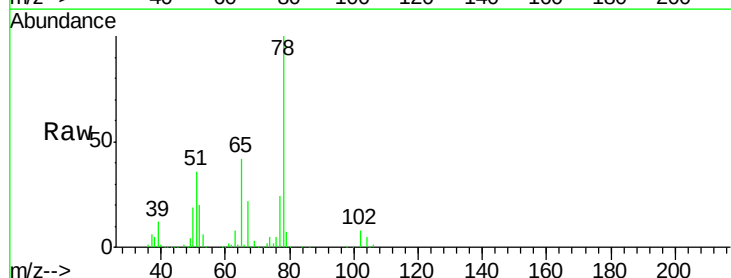
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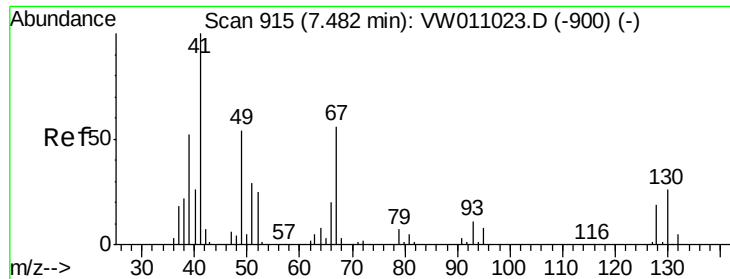
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#40
Benzene
Concen: 18.903 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	78	Resp	197477
Ion Ratio	100	Lower	Upper
78	100	19.7	29.5
77	24.3		





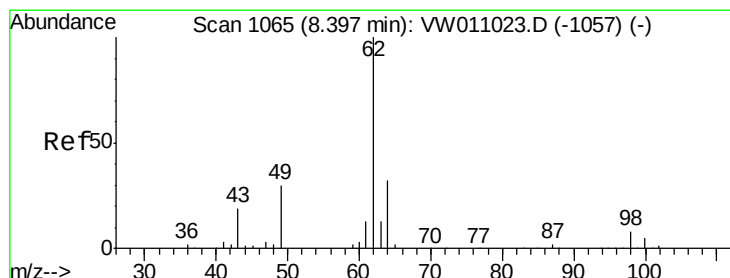
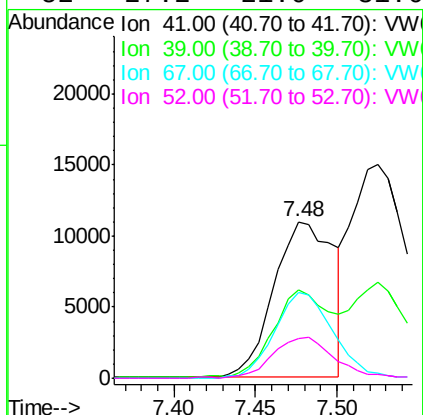
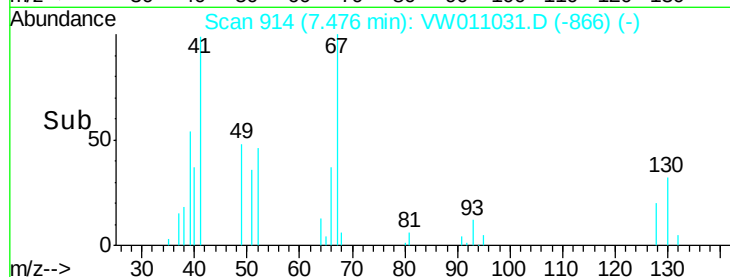
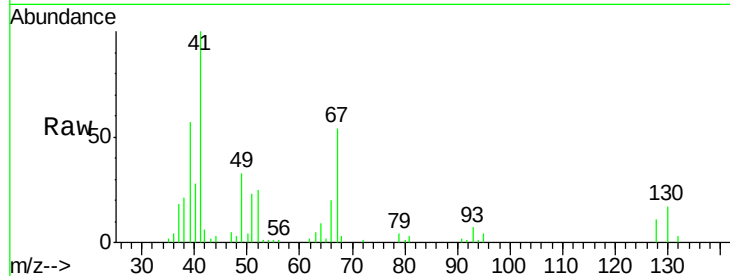
#41
Methacrylonitrile
Concen: 20.779 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	42.1	63.1	
67	54.1	44.2	66.2	
52	27.2	21.0	31.6	

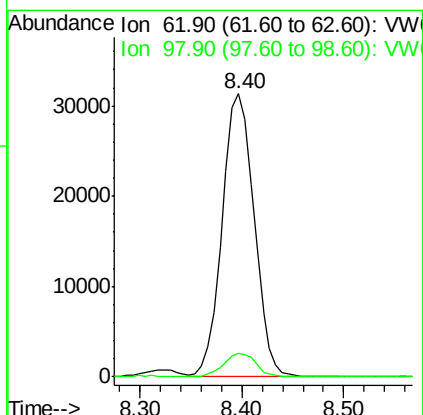
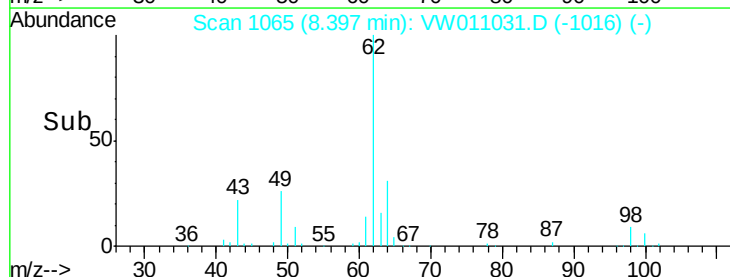
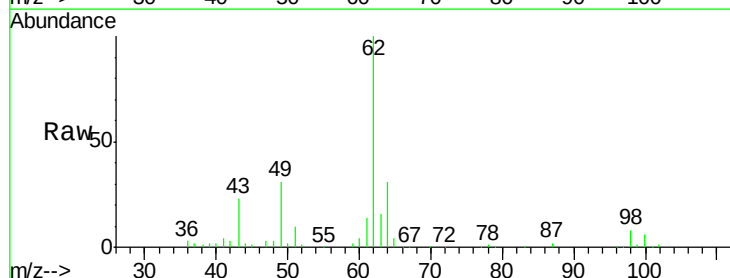
Manual Integrations
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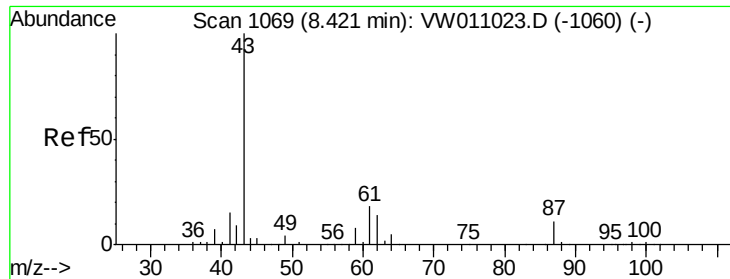
MMDadoda
7/2/2019 8:28:29 AM



#42
1,2-Dichloroethane
Concen: 19.967 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	16.8	





#43

Isopropyl Acetate

Concen: 20.544 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

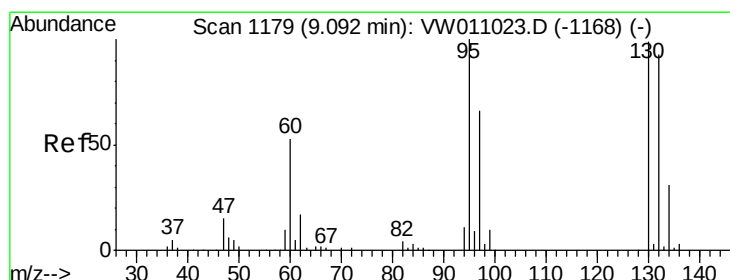
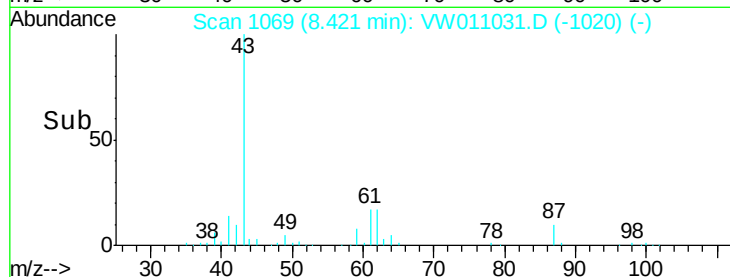
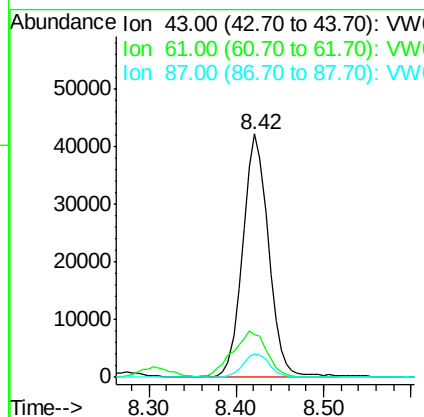
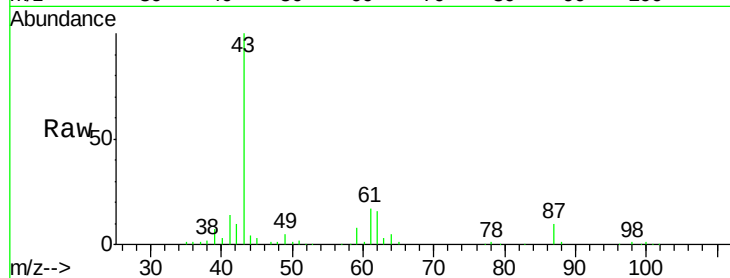
ClientSampleId :

VW0628SBS01

Tot Ion:	43	Resp:	85873
Ion	Ratio	Lower	Upper
43	100		
61	25.6	21.0	31.6
87	10.1	8.2	12.4

Manual Integrations
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MMDadoda
7/2/2019 8:28:29 AM



#44

Trichloroethene

Concen: 18.309 ug/l

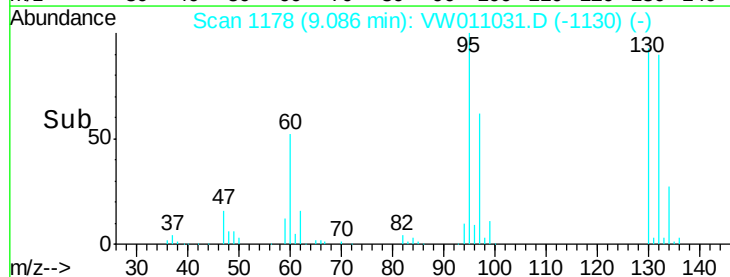
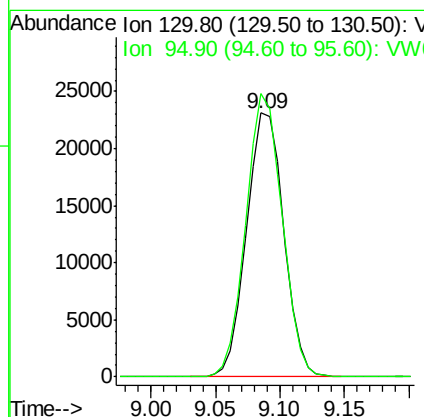
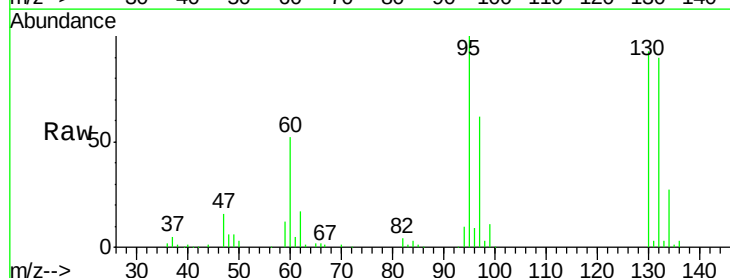
RT: 9.09 min Scan# 1178

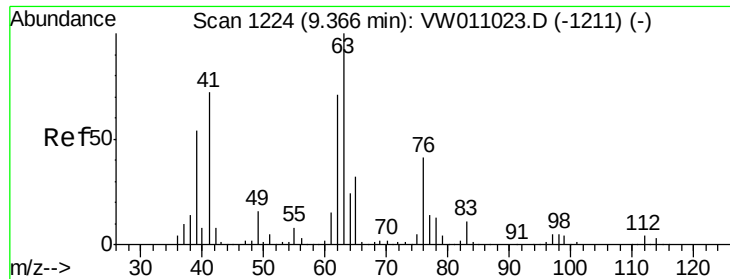
Delta R.T. -0.01 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Tgt Ion:	130	Resp:	46225
Ion	Ratio	Lower	Upper
130	100		
95	107.2	0.0	202.0





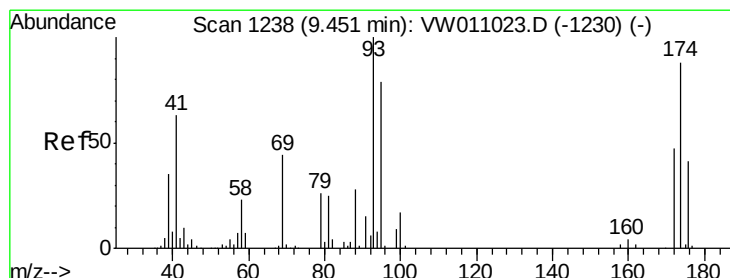
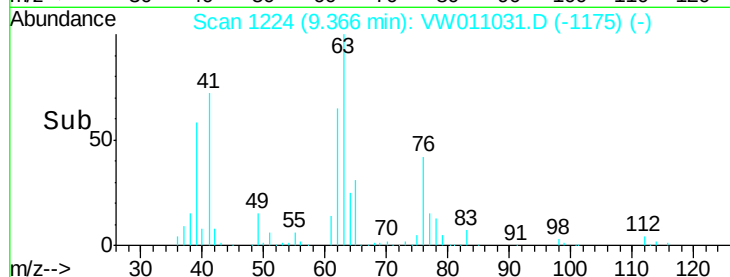
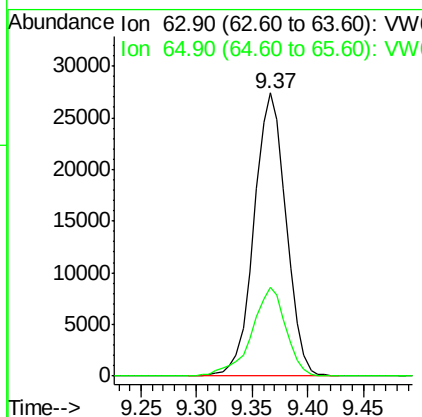
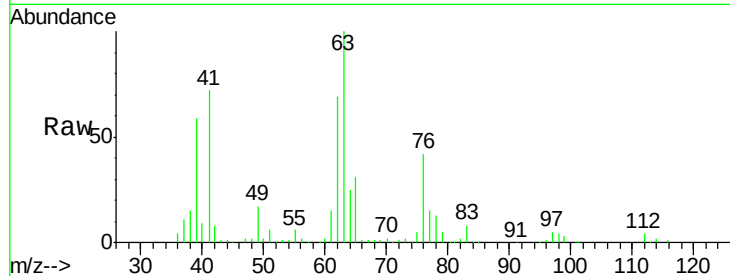
#45
 1,2-Dichloropropane
 Concen: 19.356 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	63	Resp	54910
Ion Ratio	Lower	Upper	
63	100		
65	31.2	25.6	38.4

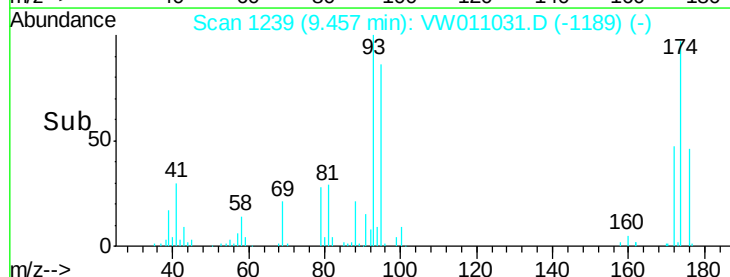
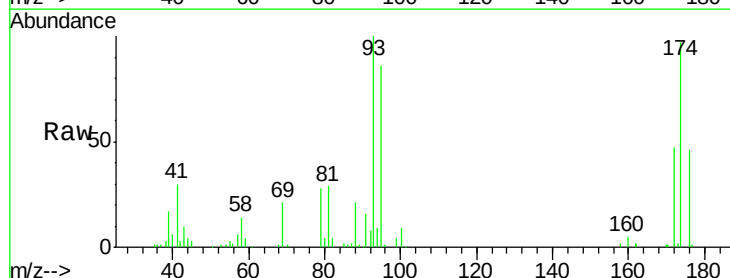
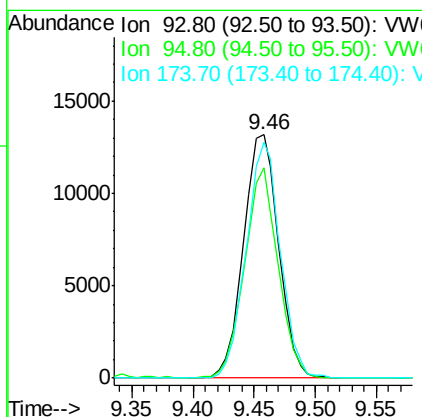
Manual Integrations
 APPROVED

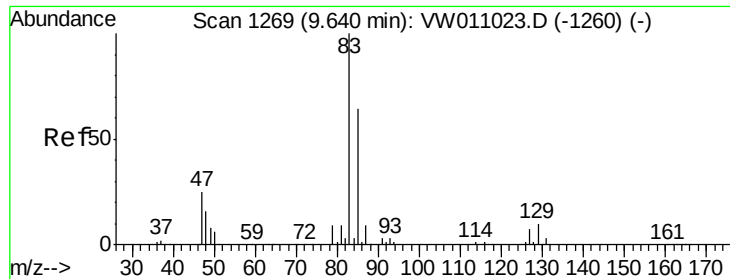
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#46
 Dibromomethane
 Concen: 19.879 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Tgt Ion	93	Resp	26375
Ion Ratio	Lower	Upper	
93	100		
95	82.5	65.8	98.6
174	94.2	75.4	113.0





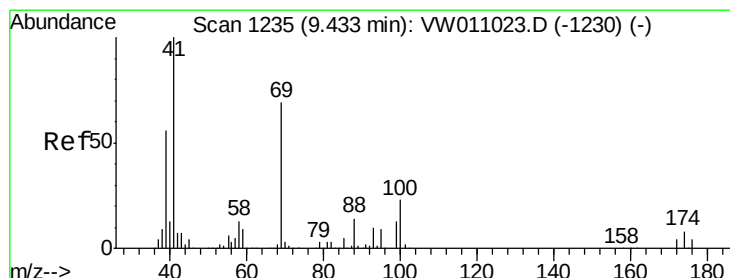
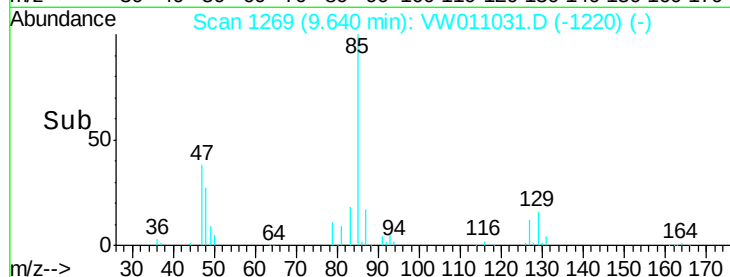
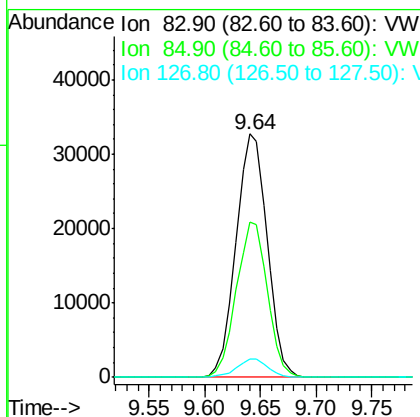
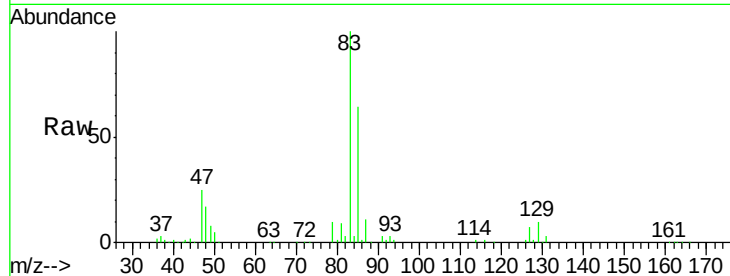
#47
Bromodichloromethane
Concen: 19.362 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	83	Resp	63601
Ion Ratio	100	Lower	Upper
83	100		
85	63.8	51.0	76.4
127	7.3	5.8	8.8

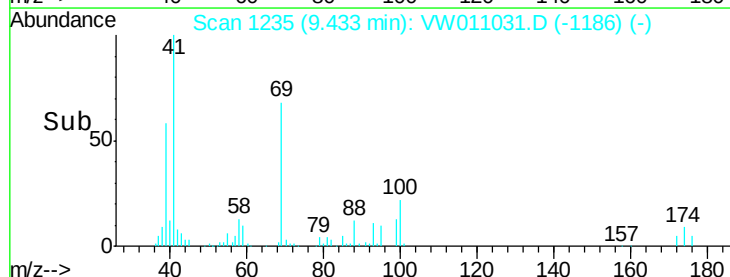
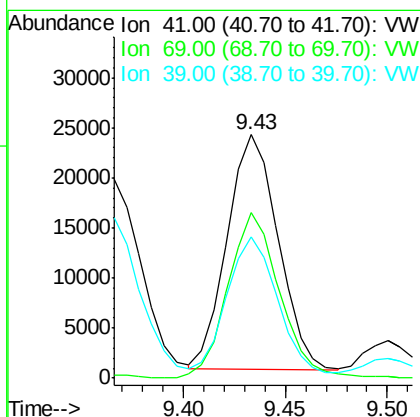
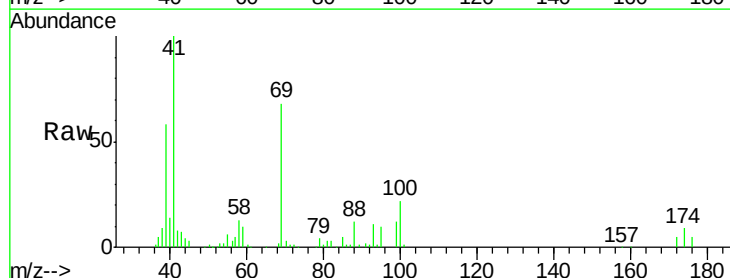
Manual Integrations
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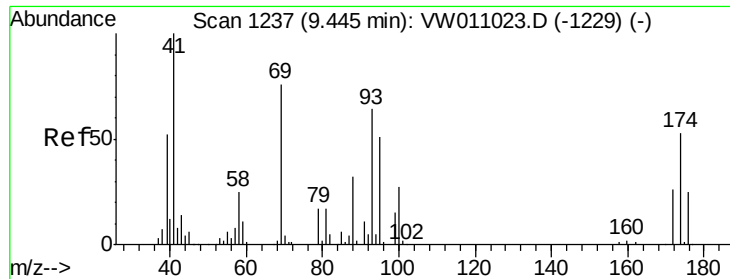
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#48
Methyl methacrylate
Concen: 19.970 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	41	Resp	40474
Ion Ratio	100	Lower	Upper
41	100		
69	72.4	56.7	85.1
39	60.9	45.0	67.6





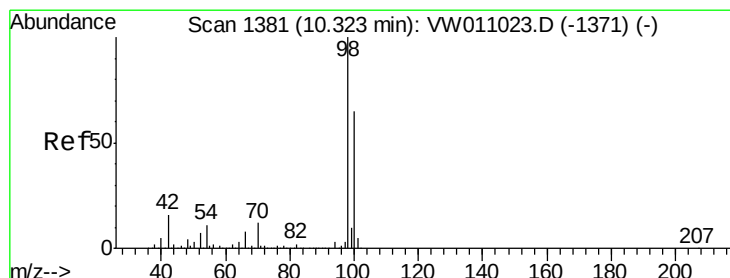
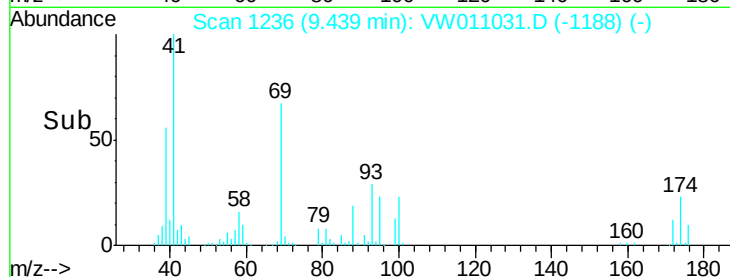
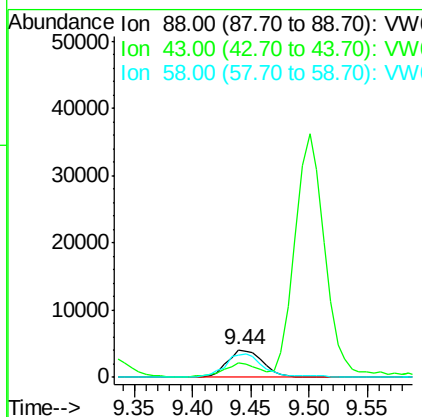
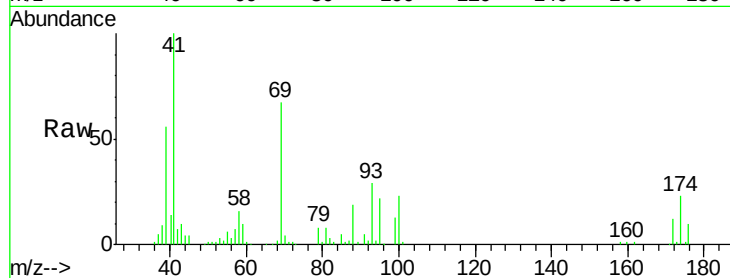
#49
1,4-Dioxane
Concen: 399.183 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	88	Resp	8905
Ion	Ratio	Lower	Upper
88	100		
43	45.1	34.4	51.6
58	90.0	65.2	97.8

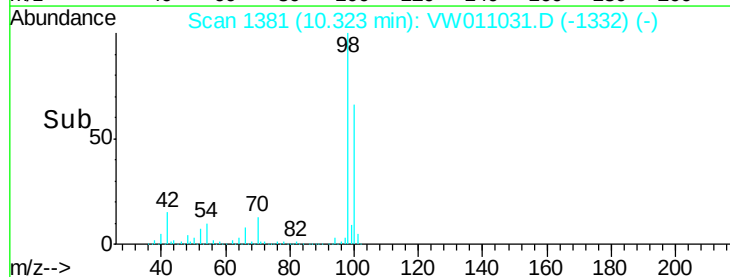
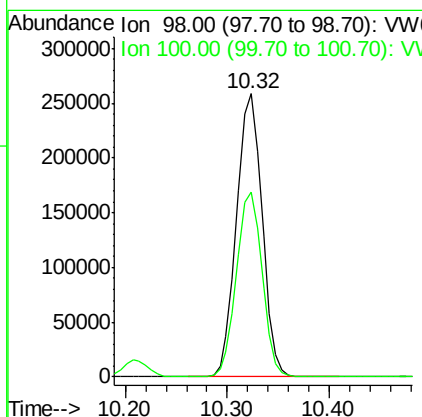
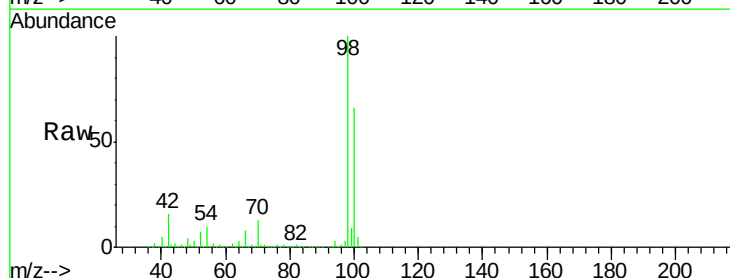
Manual Integrations
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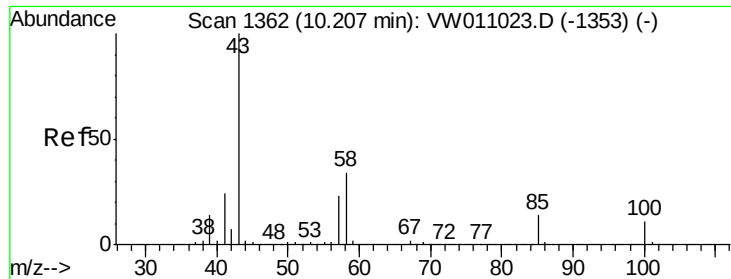
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#50
Toluene-d8
Concen: 50.571 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	98	Resp	449190
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 103.308 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 43 Resp: 227307

Ion Ratio Lower Upper

43 100

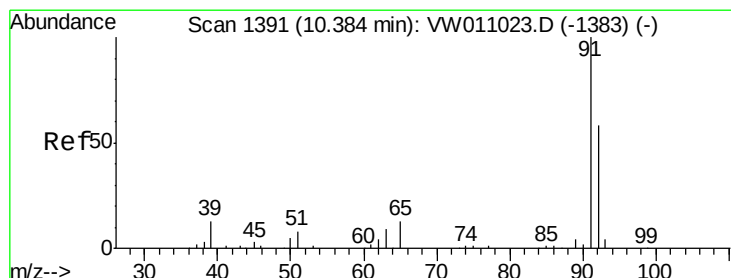
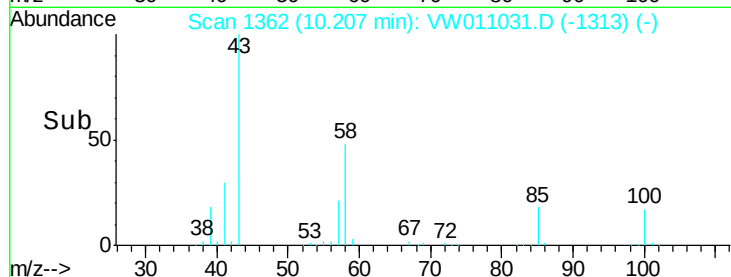
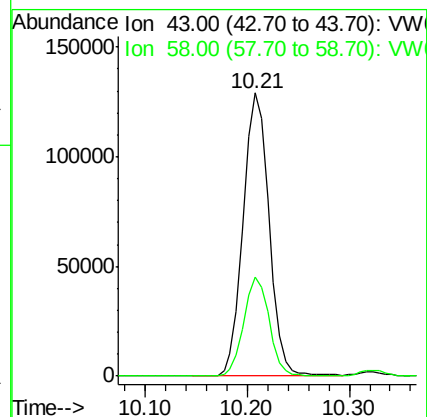
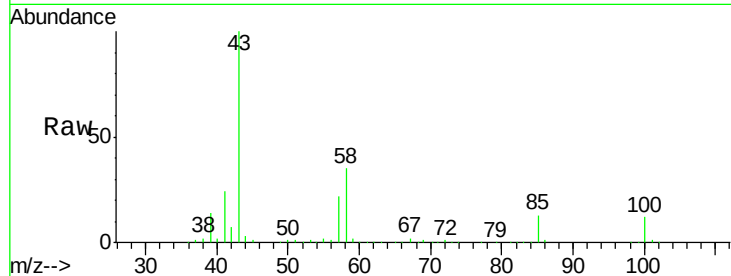
58 34.5 27.8 41.6

Manual Integrations

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#52

Toluene

Concen: 18.792 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW011031.D

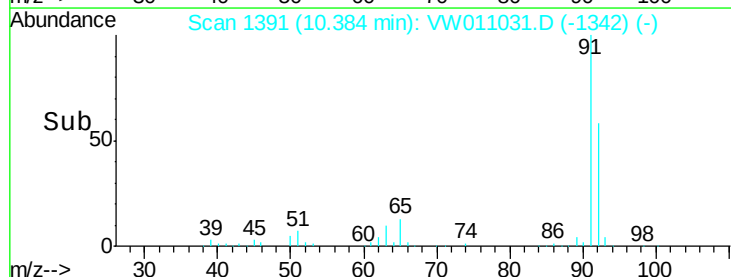
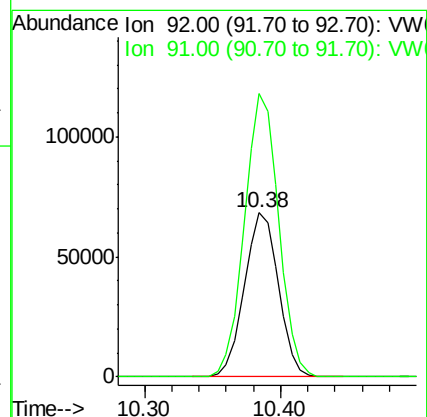
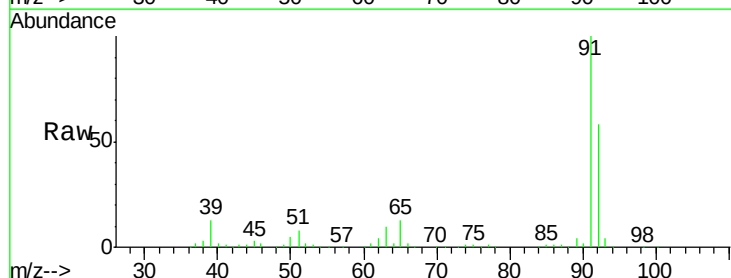
Acq: 27 Jun 2019 22:39

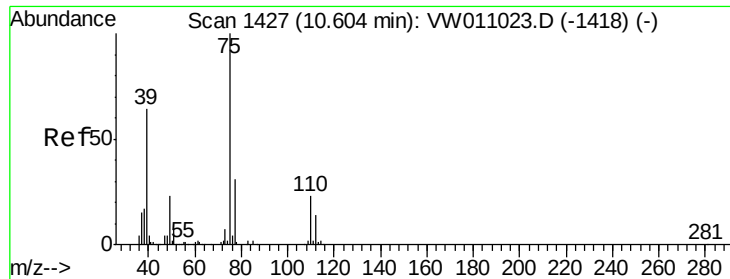
Tgt Ion: 92 Resp: 120188

Ion Ratio Lower Upper

92 100

91 172.3 136.9 205.3





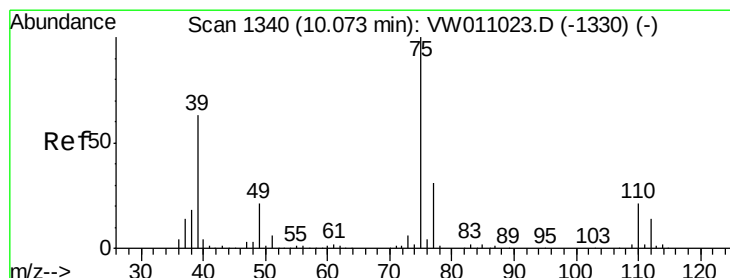
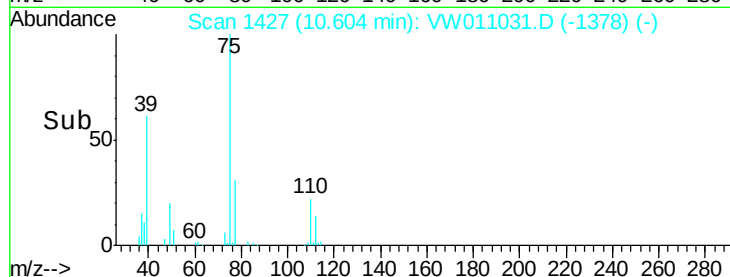
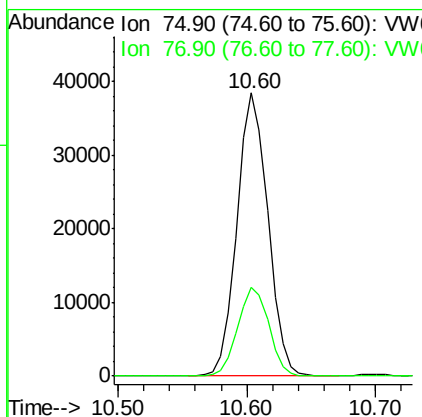
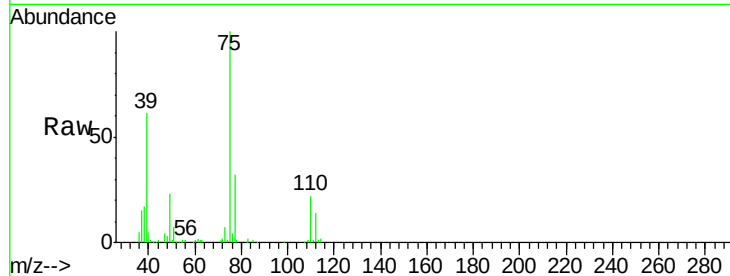
#53
t-1,3-Dichloropropene
Concen: 18.714 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion: 75 Resp: 64029
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0

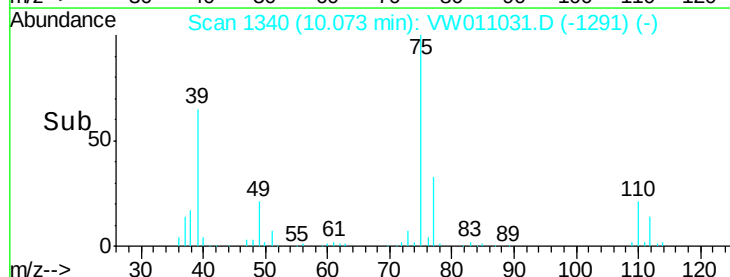
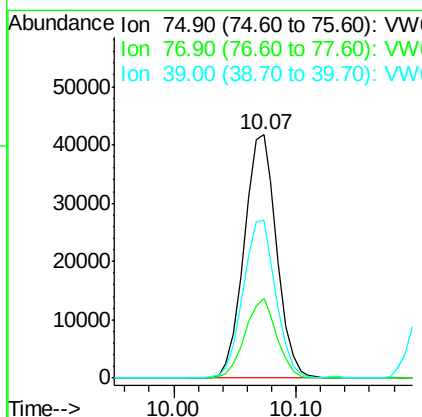
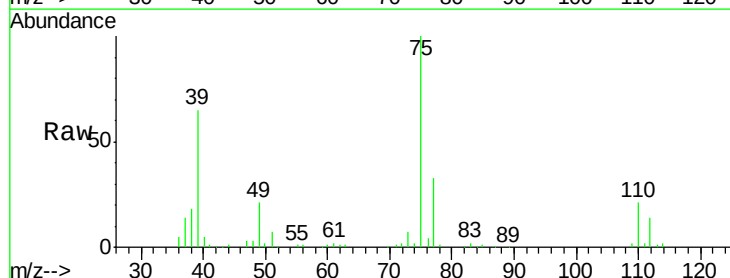
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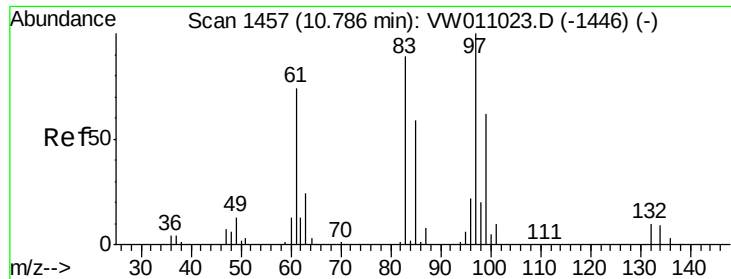
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#54
cis-1,3-Dichloropropene
Concen: 18.832 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion: 75 Resp: 76865
Ion Ratio Lower Upper
75 100
77 32.7 24.8 37.2
39 64.8 50.0 75.0





#55

1,1,2-Trichloroethane

Concen: 20.067 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

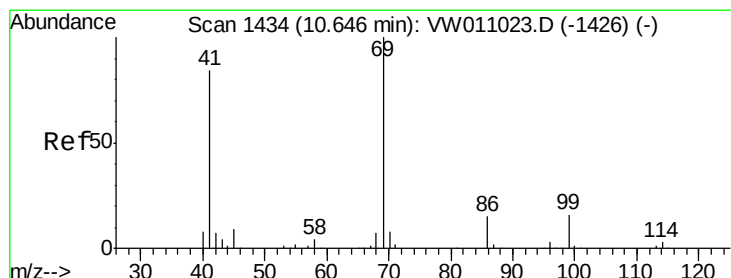
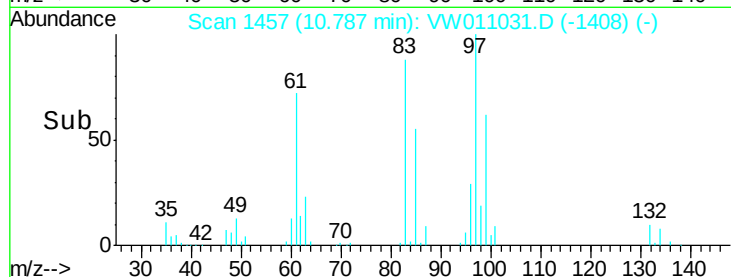
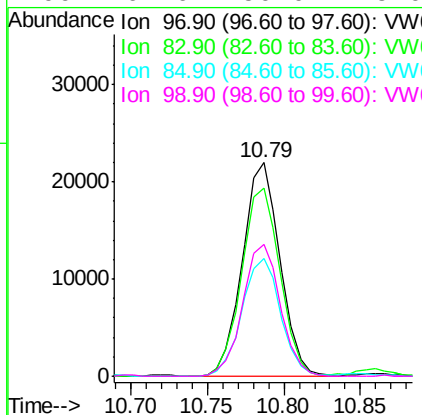
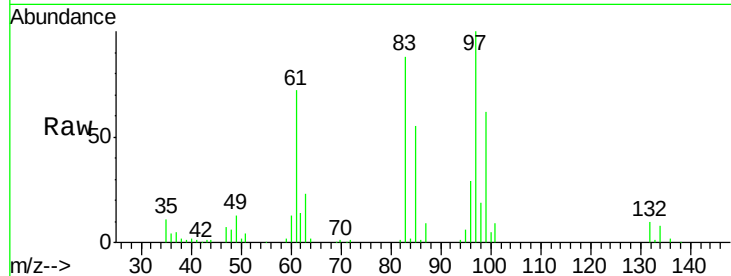
ClientSampled :

VW0628SBS01

Tot Ion:	97	Resp:	37615
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.9	106.3
85	55.4	47.2	70.8
99	61.6	50.0	75.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.979 ug/l

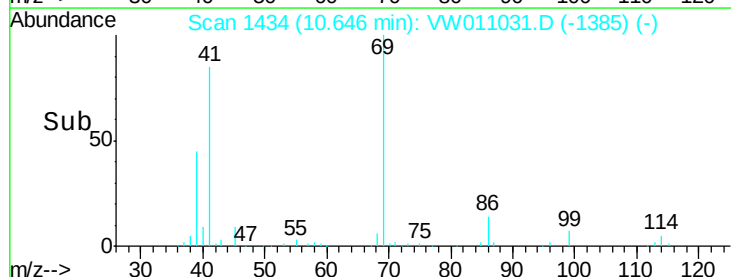
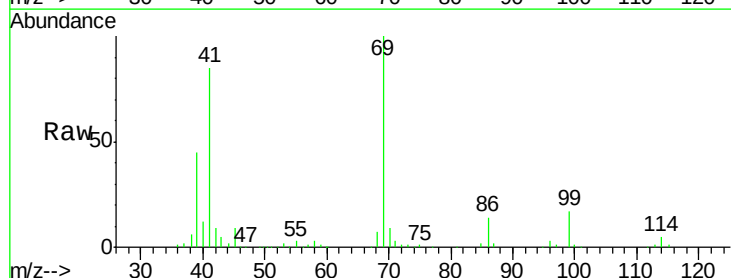
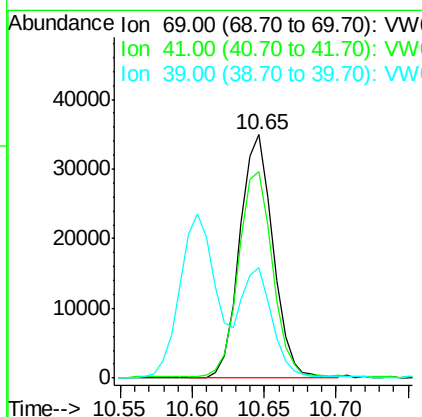
RT: 10.65 min Scan# 1434

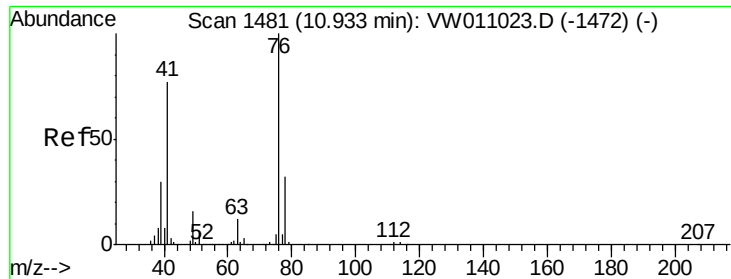
Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Tgt Ion:	69	Resp:	56081
Ion	Ratio	Lower	Upper
69	100		
41	88.4	67.9	101.9
39	41.4	33.2	49.8





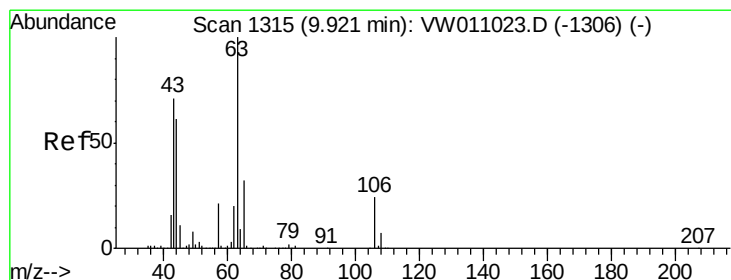
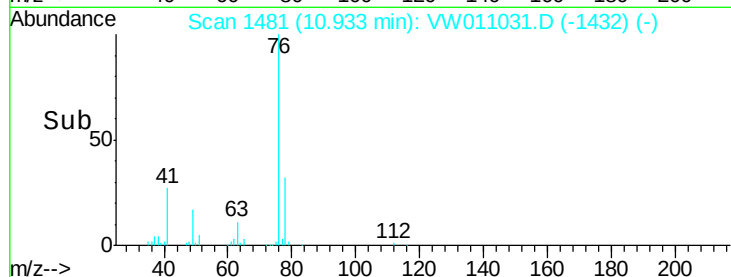
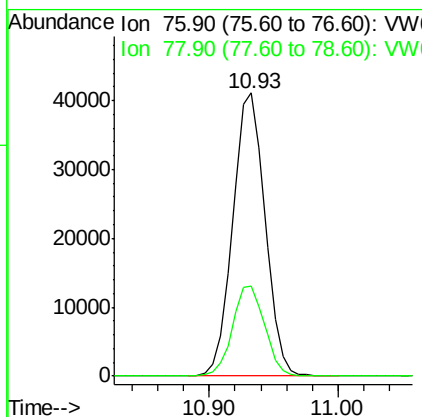
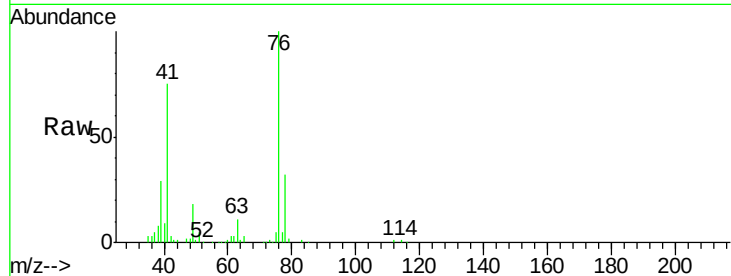
#57
 1,3-Dichloropropane
 Concen: 20.061 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion: 76 Resp: 71531
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6

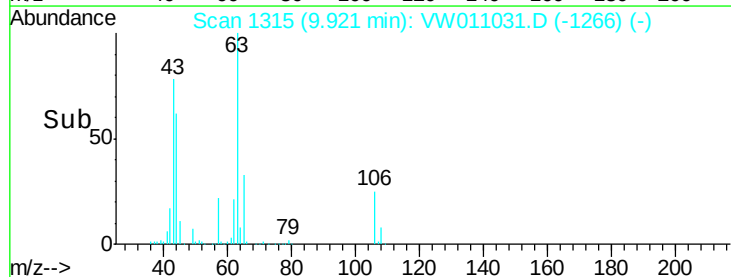
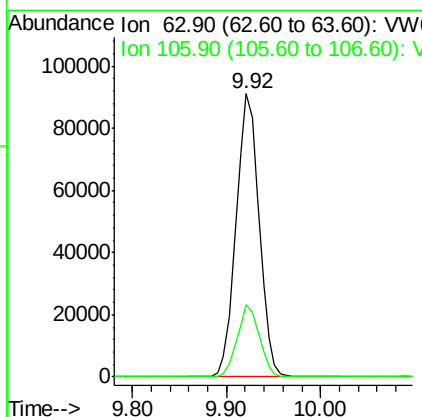
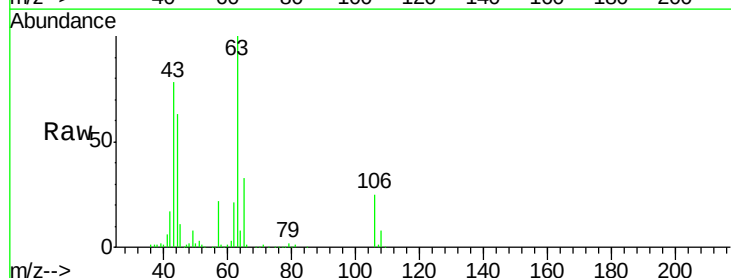
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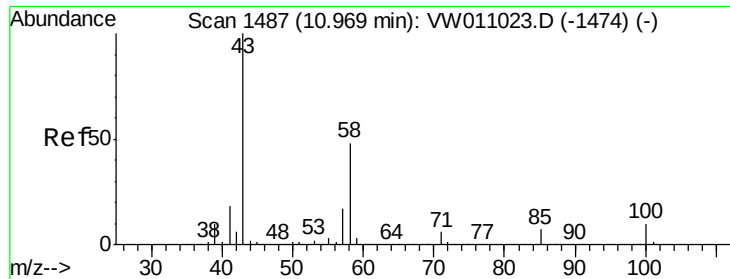
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 7/2/2019 8:28:29 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 109.202 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Tgt Ion: 63 Resp: 155091
 Ion Ratio Lower Upper
 63 100
 106 24.3 19.4 29.0





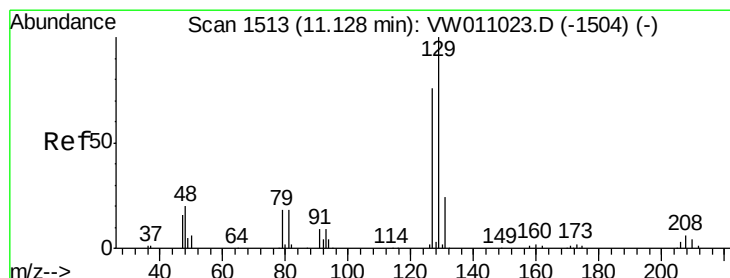
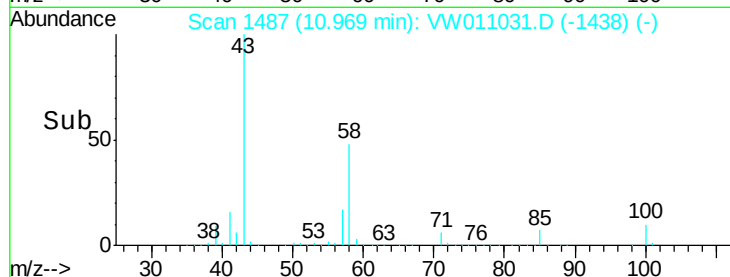
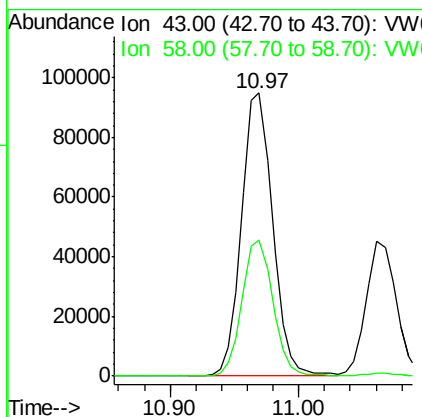
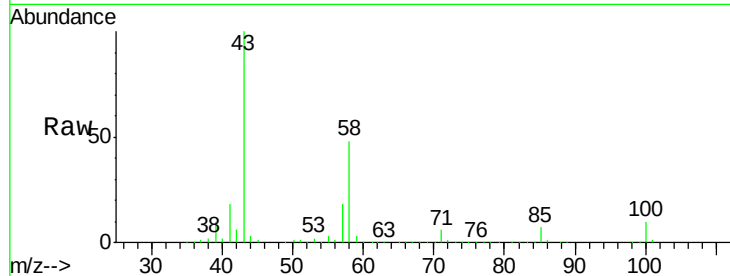
#59
2-Hexanone
Concen: 103.252 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion: 43 Resp: 158432
Ion Ratio Lower Upper
43 100
58 48.1 23.8 71.5

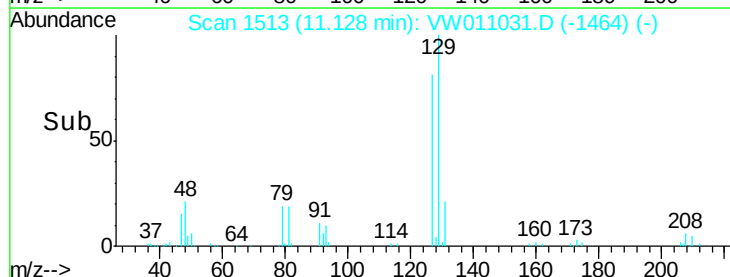
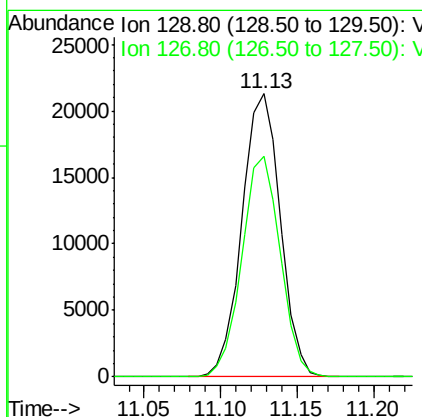
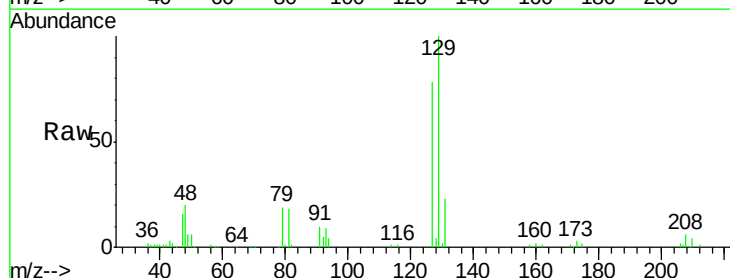
Manual Integrations
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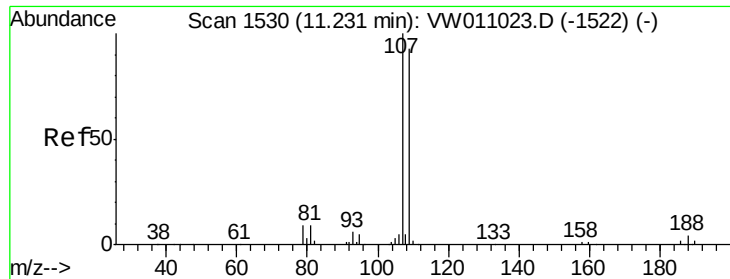
MMDadoda
7/2/2019 8:28:29 AM



#60
Dibromochloromethane
Concen: 18.927 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion: 129 Resp: 37203
Ion Ratio Lower Upper
129 100
127 78.1 39.4 118.1





#61

1,2-Dibromoethane

Concen: 20.297 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBSD01

Tot Ion: 107 Resp: 35618

Ion Ratio Lower Upper

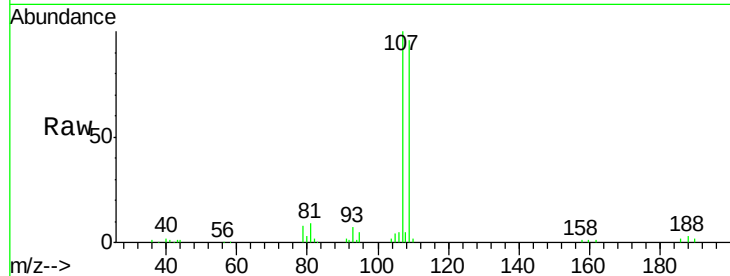
107 100

109 91.5 75.1 112.7

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.23

20000

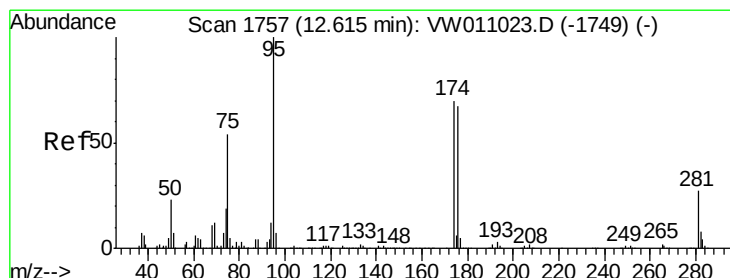
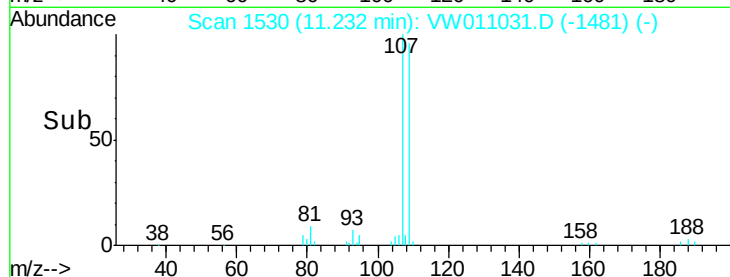
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.138 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

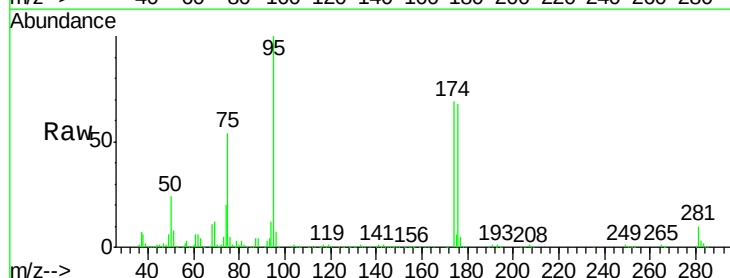
Tgt Ion: 95 Resp: 166134

Ion Ratio Lower Upper

95 100

174 74.0 0.0 149.2

176 71.9 0.0 143.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

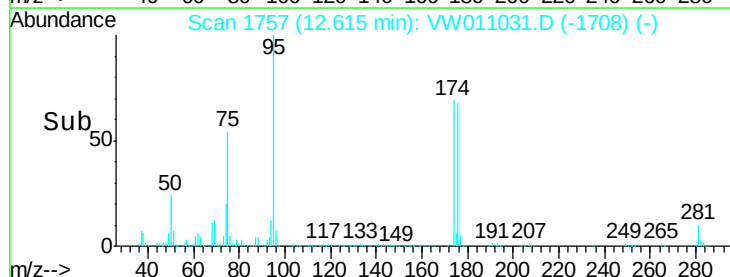
12.62

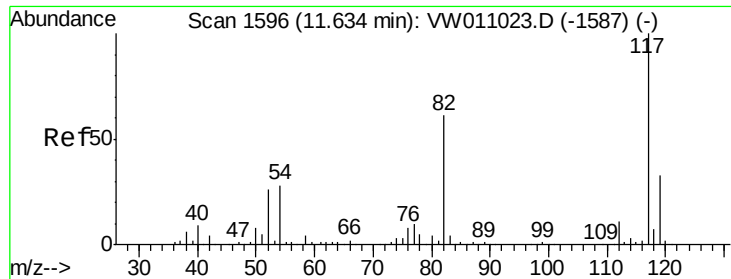
100000

50000

0

Time-->





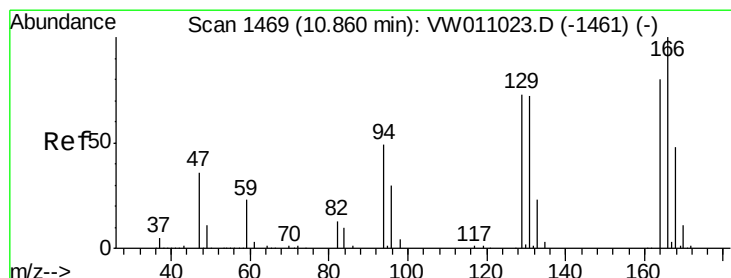
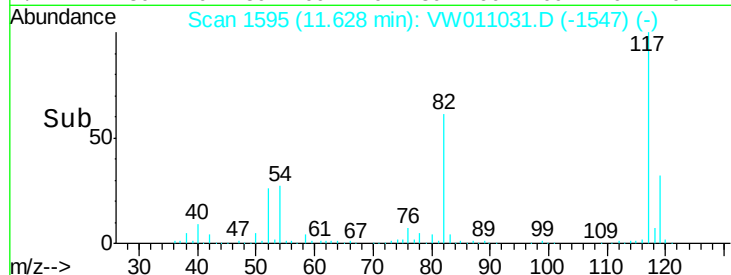
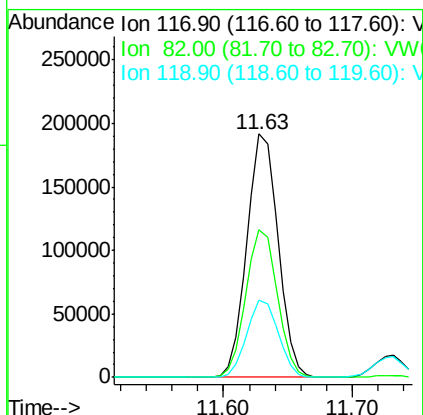
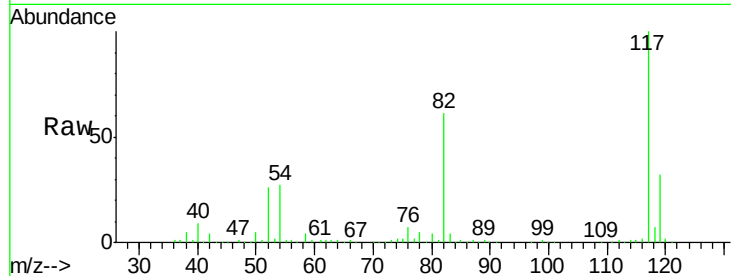
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.6	48.6	73.0
119	31.7	26.1	39.1

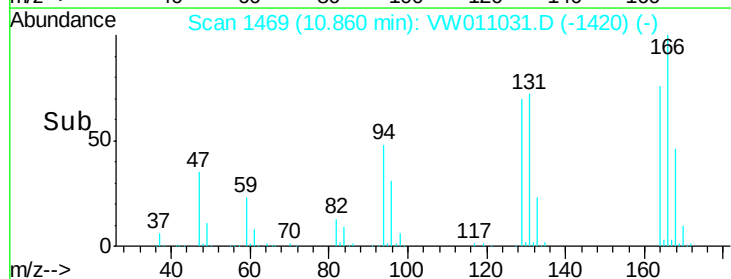
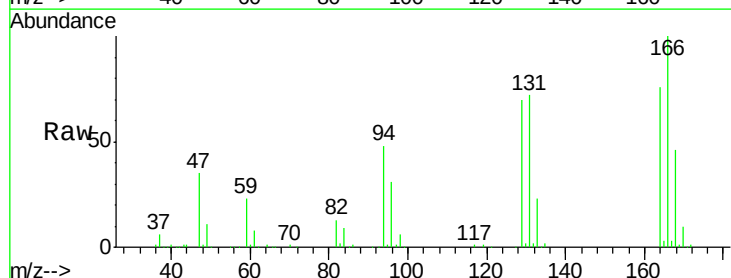
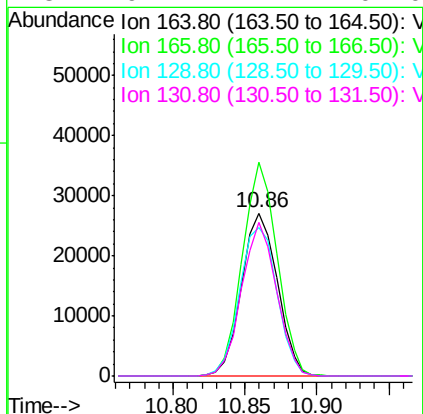
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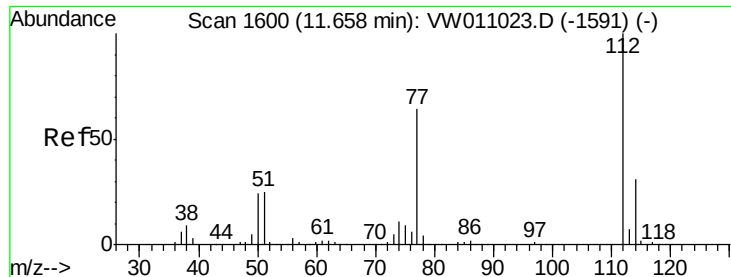
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#64
Tetrachloroethene
Concen: 21.101 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	99.8	149.6
129	91.3	73.0	109.4
131	94.4	71.4	107.0





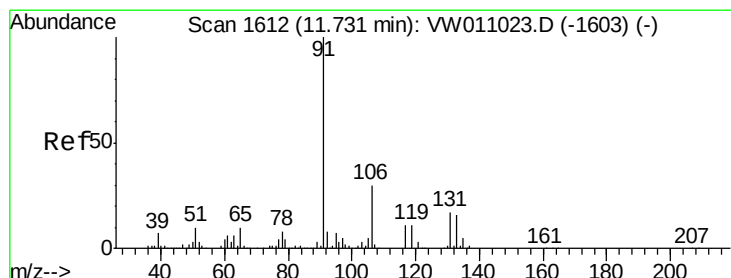
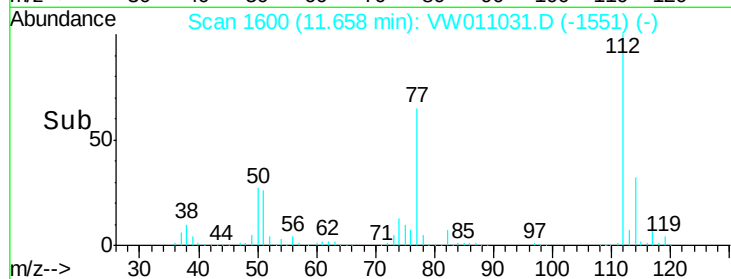
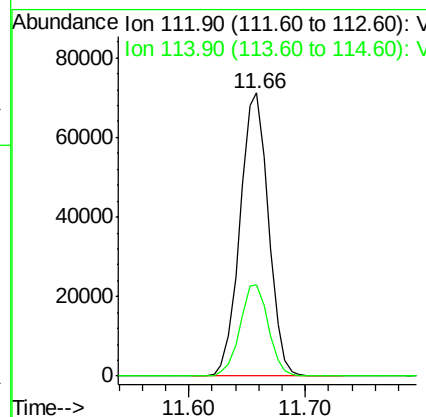
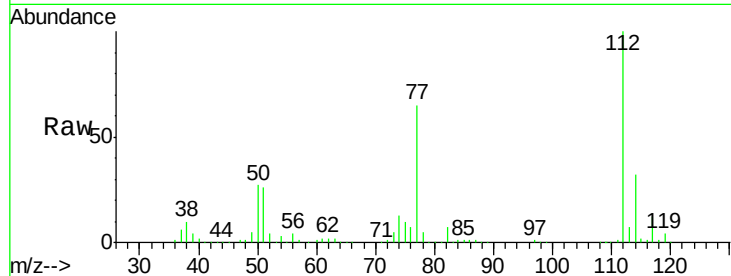
#65
Chlorobenzene
Concen: 18.426 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion:112 Resp: 121377
Ion Ratio Lower Upper
112 100
114 32.5 25.2 37.8

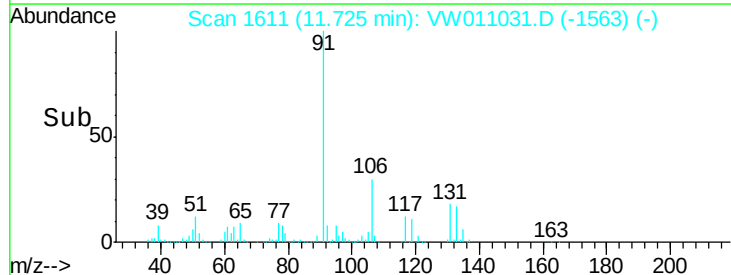
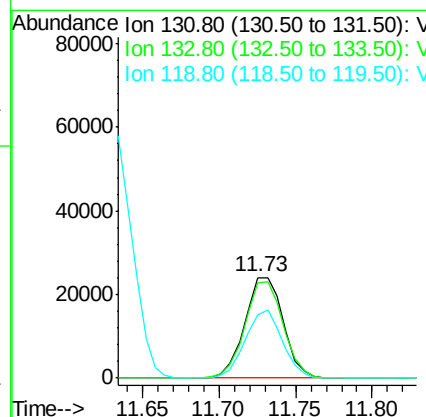
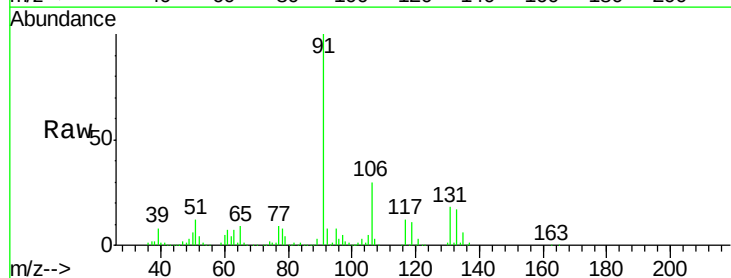
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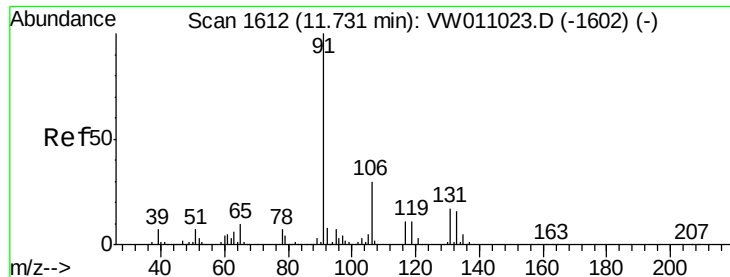
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.793 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion:131 Resp: 42030
Ion Ratio Lower Upper
131 100
133 96.2 47.7 143.1
119 65.3 33.1 99.2





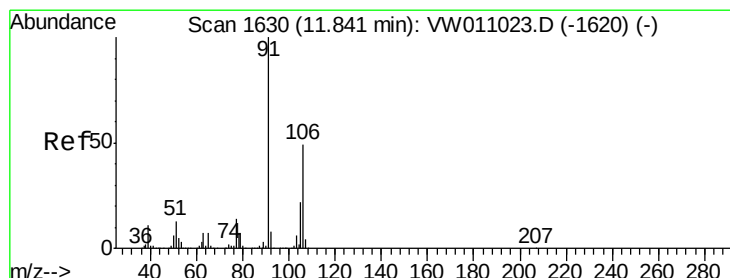
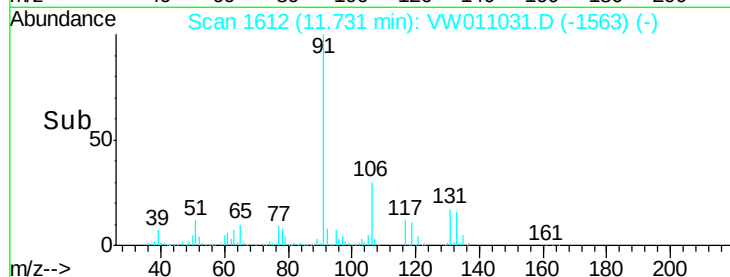
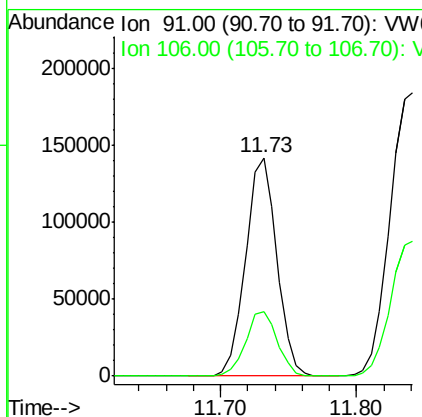
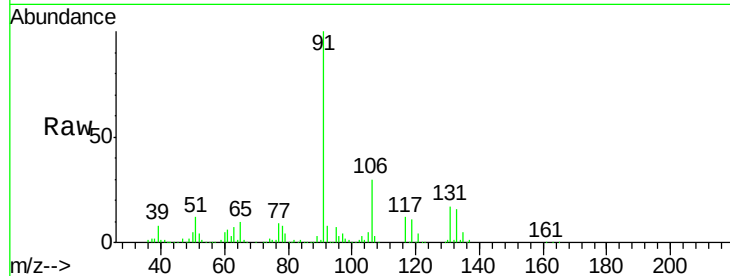
#67
Ethyl Benzene
Concen: 18.104 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		228411		
106	29.5		23.8	35.6	

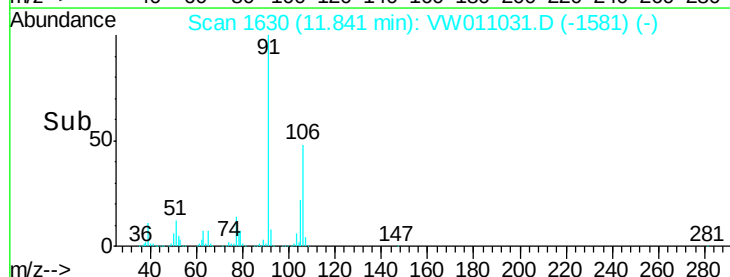
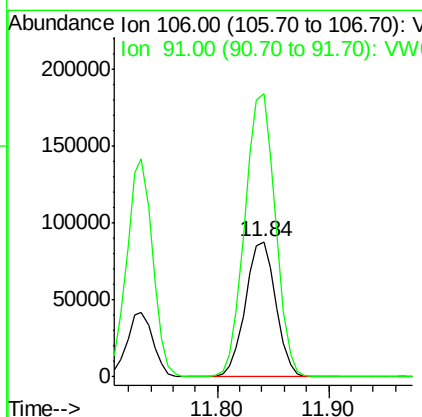
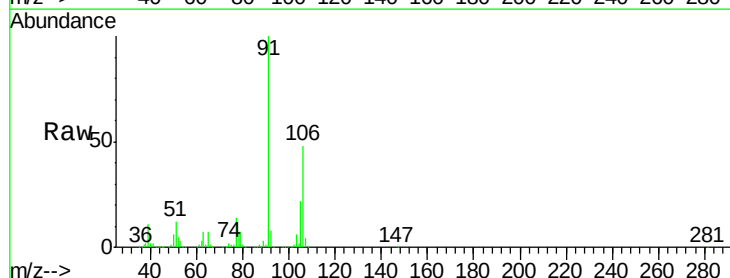
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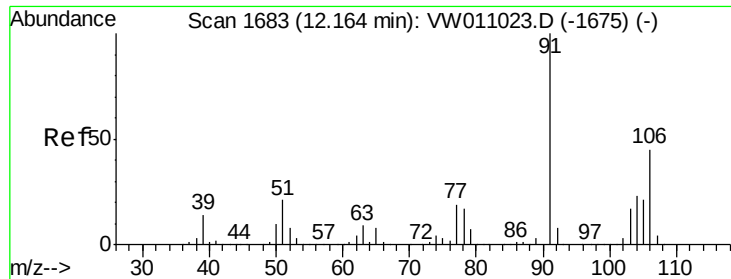
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#68
m/p-Xylenes
Concen: 36.547 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		167315		
91	211.0		167.5	251.3	





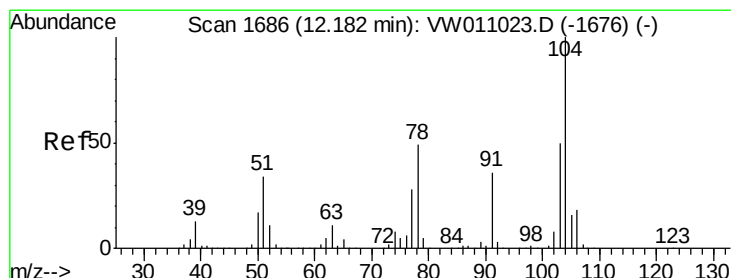
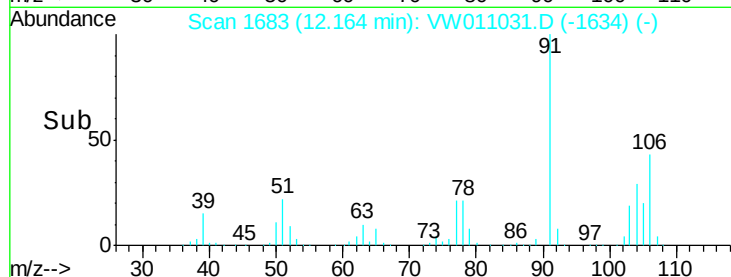
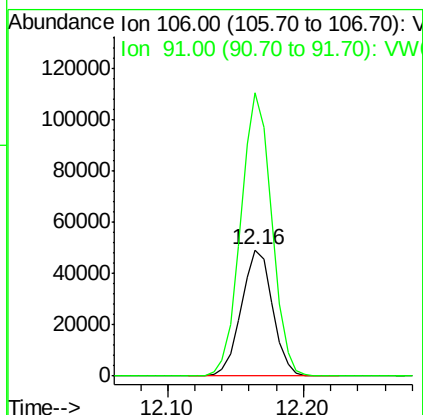
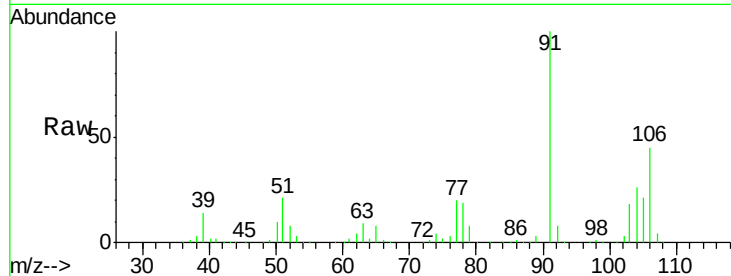
#69
o-Xylene
Concen: 18.439 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBSD01

Tot Ion:106 Resp: 78625
Ion Ratio Lower Upper
106 100
91 223.4 110.8 332.3

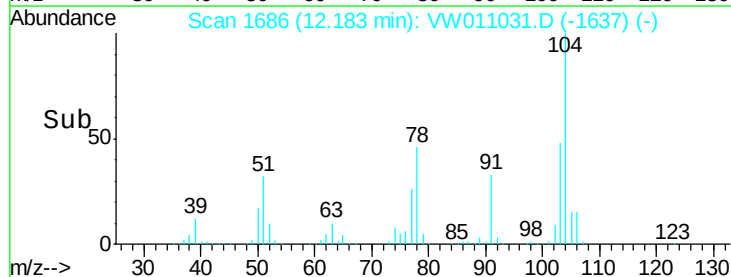
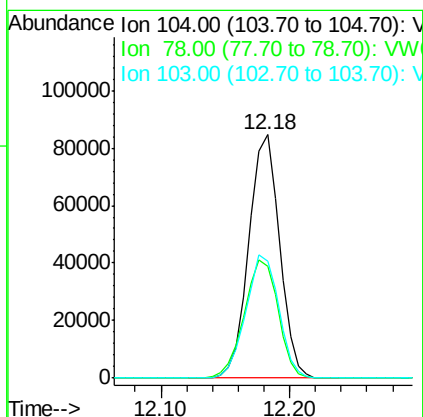
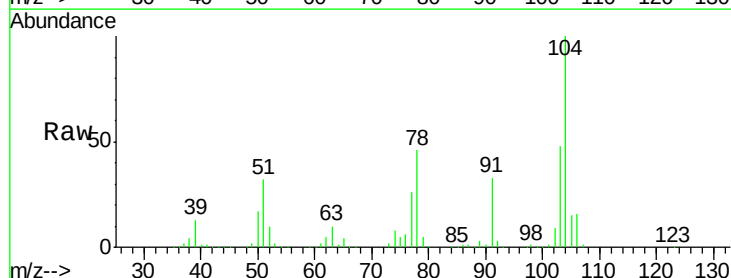
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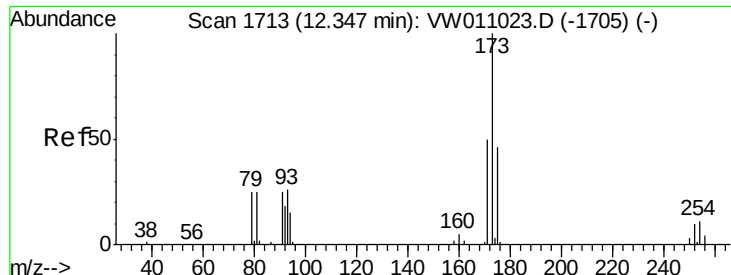
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#70
Styrene
Concen: 18.790 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion:104 Resp: 139233
Ion Ratio Lower Upper
104 100
78 53.9 43.7 65.5
103 54.4 43.9 65.9





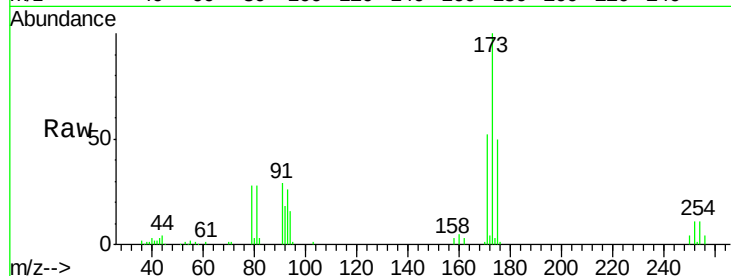
#71
Bromoform
Concen: 18.814 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

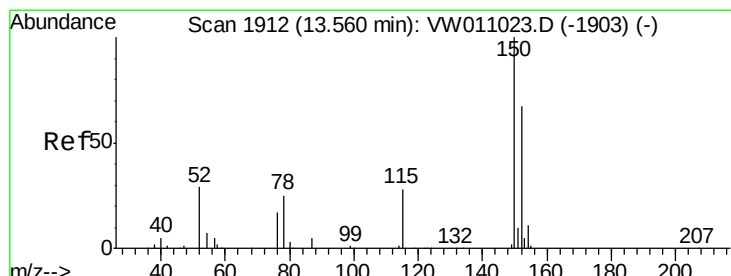
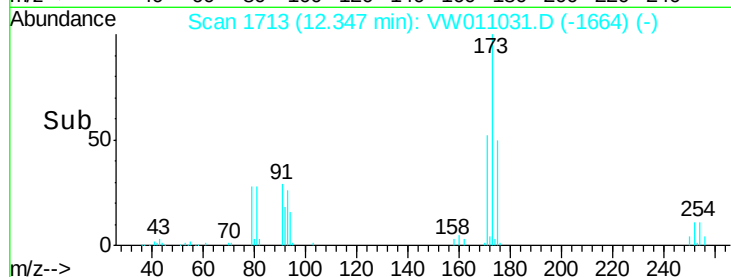
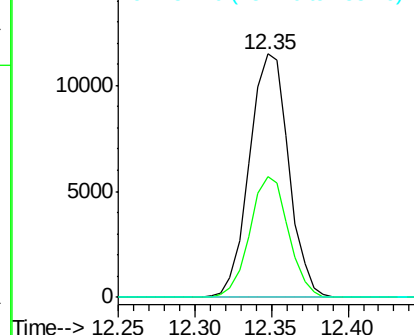
Tot Ion	Ion	Ratio	Resp	Lower	Upper
173	100				
175	48.4	24.1	72.2		
254	0.0	0.0	0.0		

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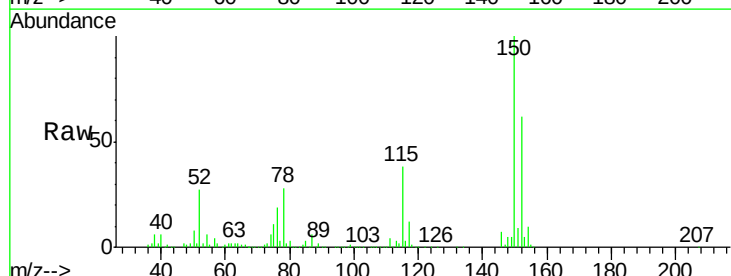


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

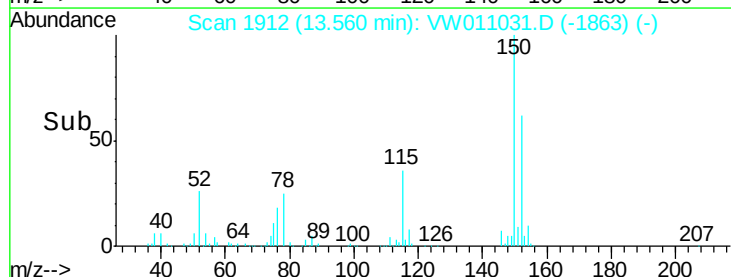
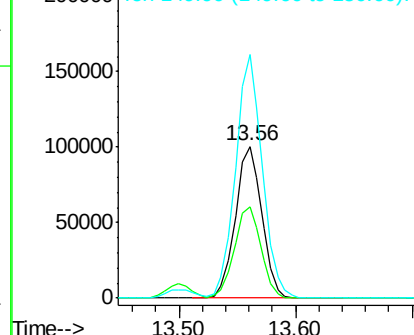


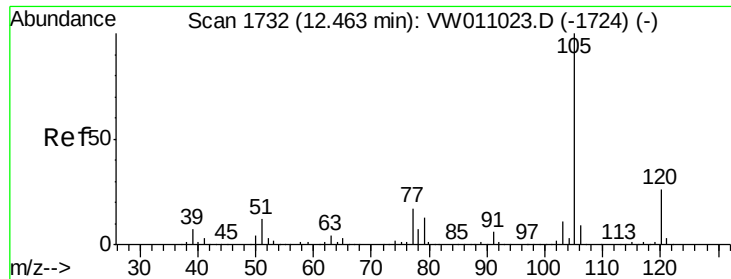
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100				
115	60.6	30.7	92.1		
150	162.6	0.0	341.8		



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: 17.967 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion: 105 Resp: 213289

Ion Ratio Lower Upper

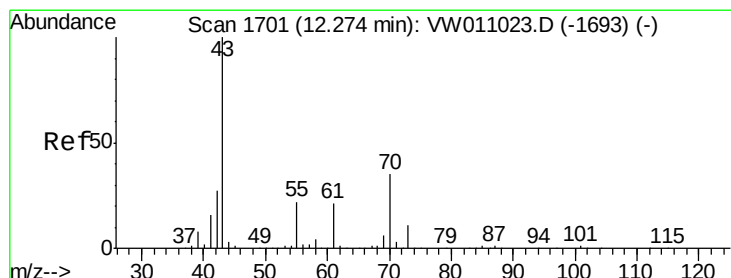
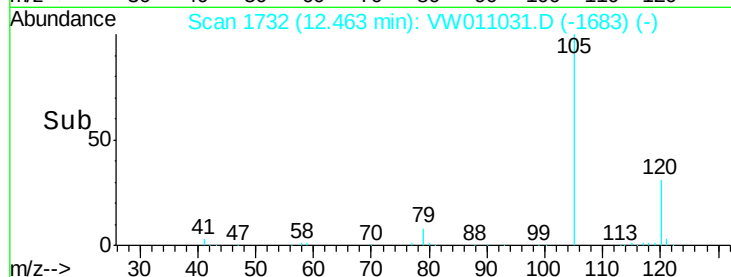
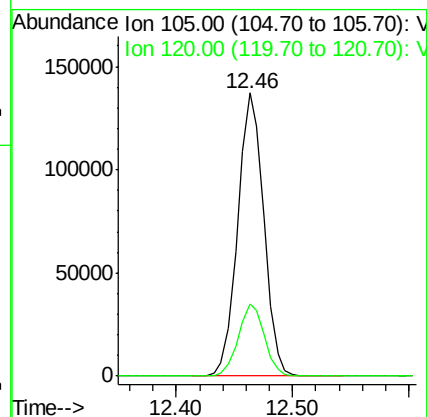
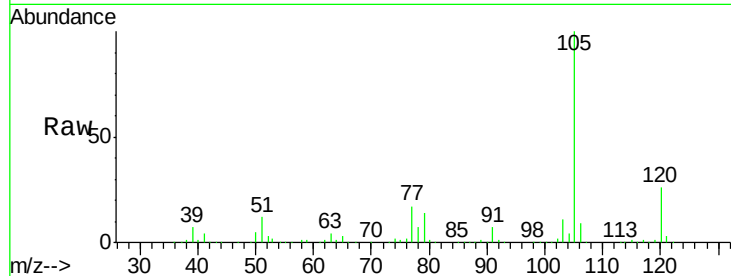
105 100

120 25.5 12.9 38.6

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#74

N-ethyl acetate

Concen: 19.647 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Tgt Ion: 43 Resp: 78328

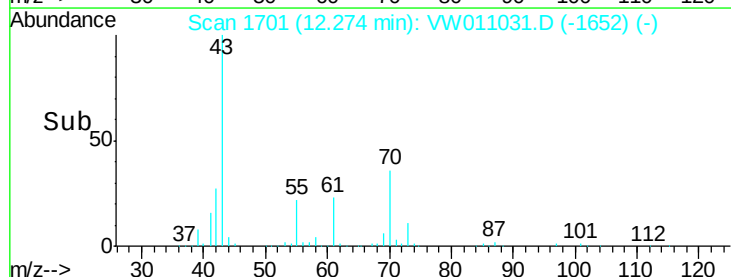
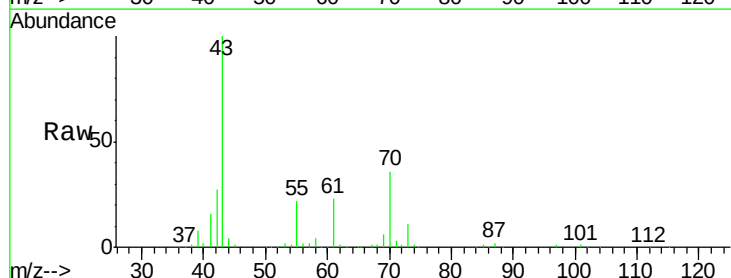
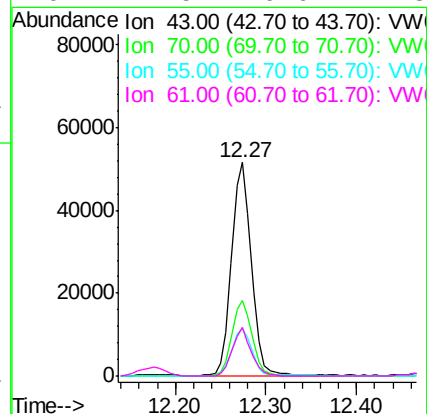
Ion Ratio Lower Upper

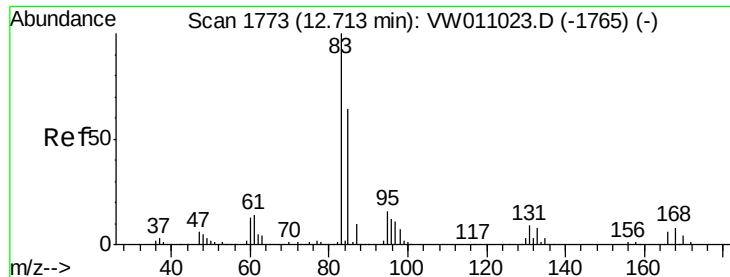
43 100

70 36.3 28.2 42.4

55 22.2 17.8 26.8

61 21.5 16.6 24.8





#75

1,1,2,2-Tetrachloroethane

Concen: 19.565 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

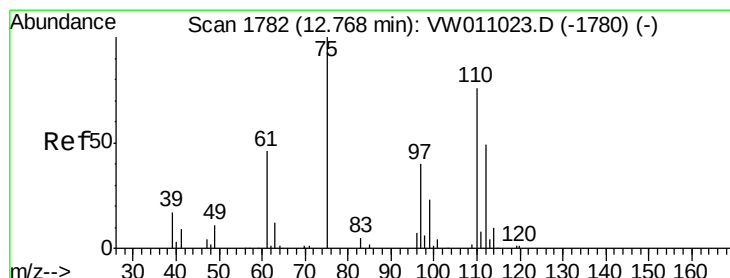
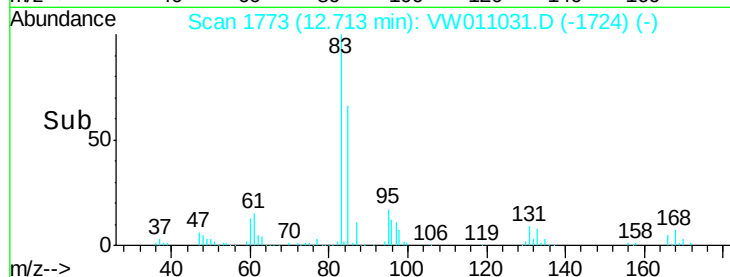
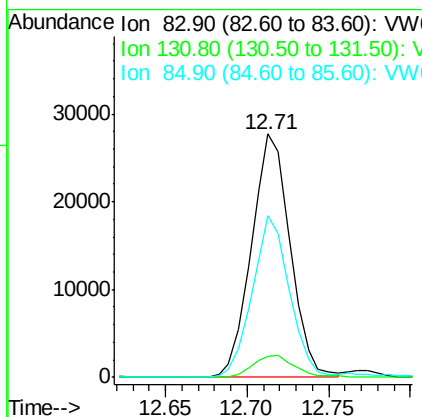
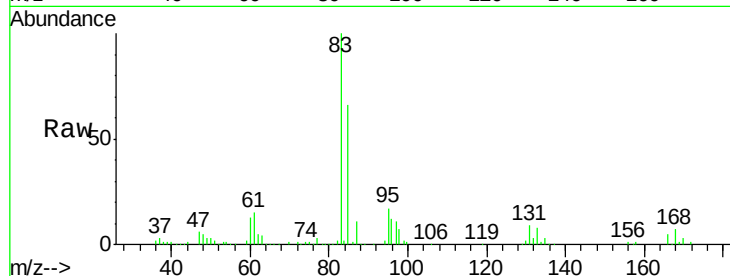
ClientSampleId :

VW0628SBS01

Tot Ion:	83	Resp:	45609
Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.0	14.9
85	63.4	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 20.093 ug/l m

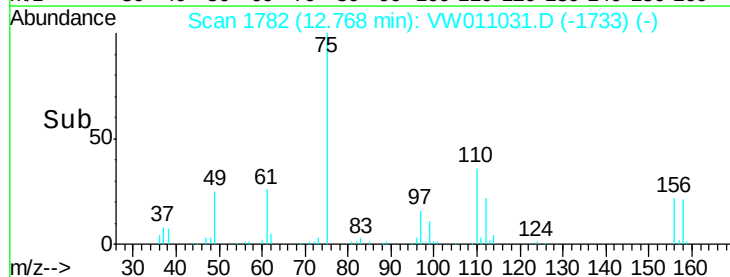
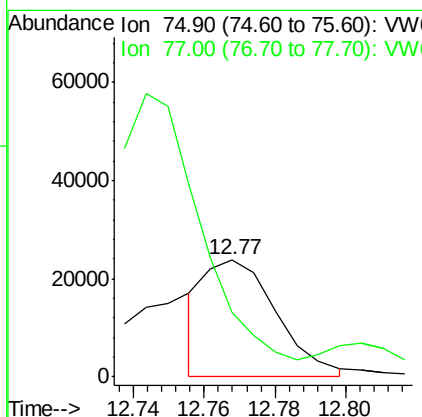
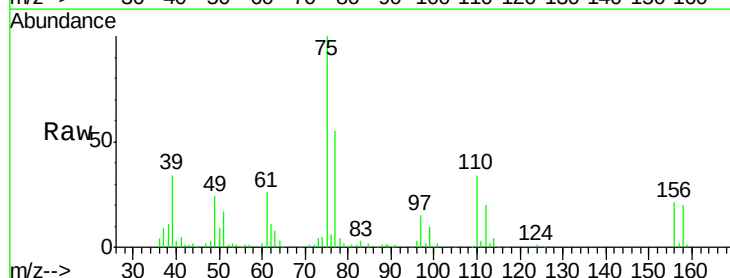
RT: 12.77 min Scan# 1782

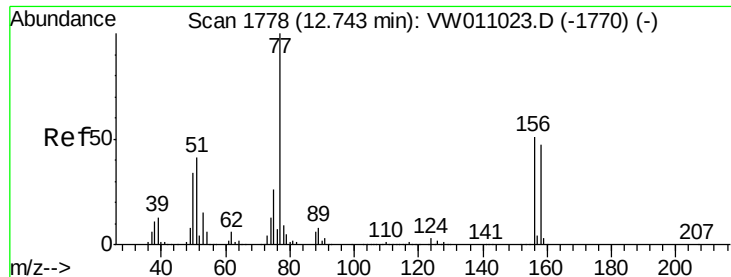
Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Tgt Ion:	75	Resp:	33615
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.164 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

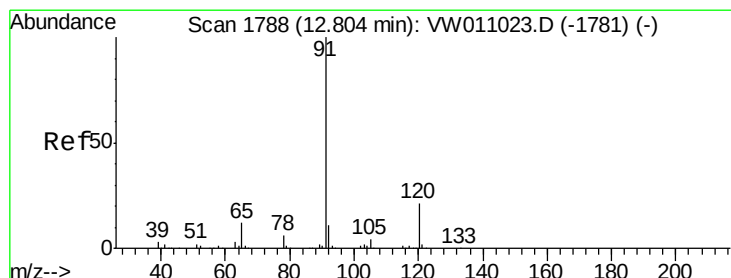
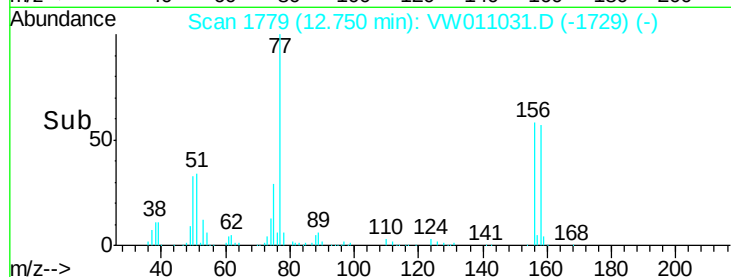
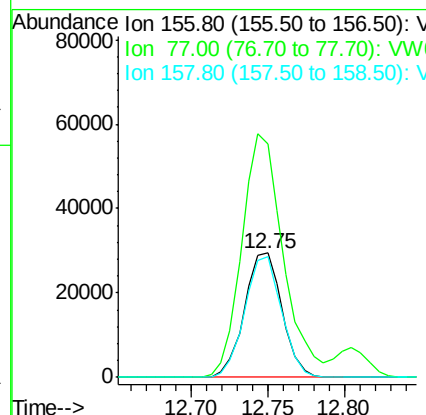
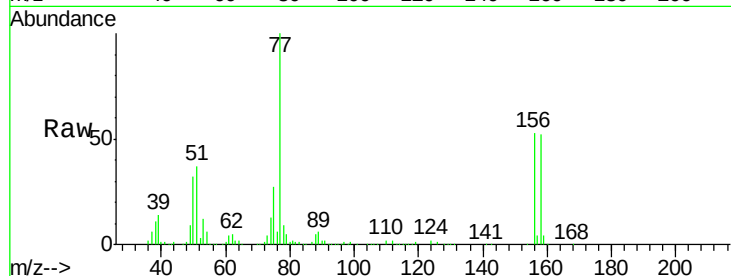
ClientSampleId :

VW0628SBS01

Tot Ion:	156	Resp:	50005
Ion	Ratio	Lower	Upper
156	100		
77	216.6	109.5	328.5
158	96.4	48.6	145.9

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#78

n-propylbenzene

Concen: 17.911 ug/l

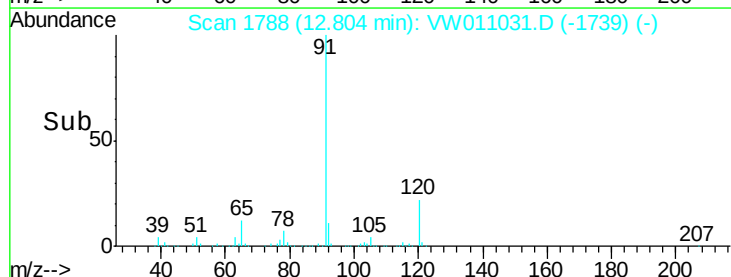
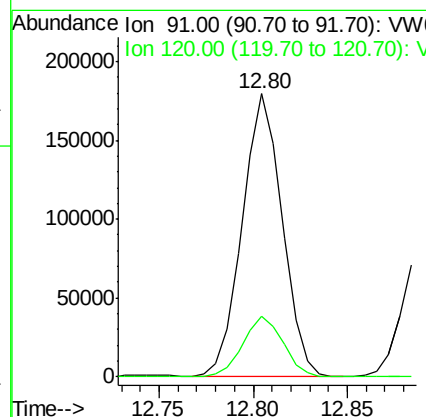
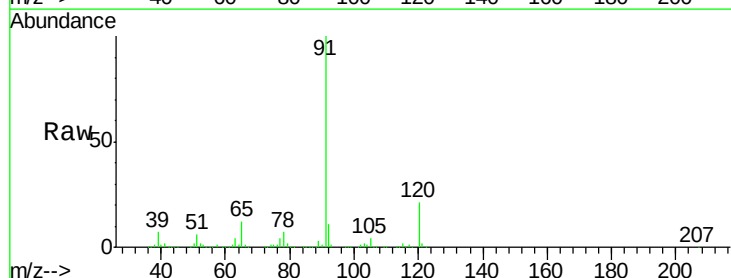
RT: 12.80 min Scan# 1788

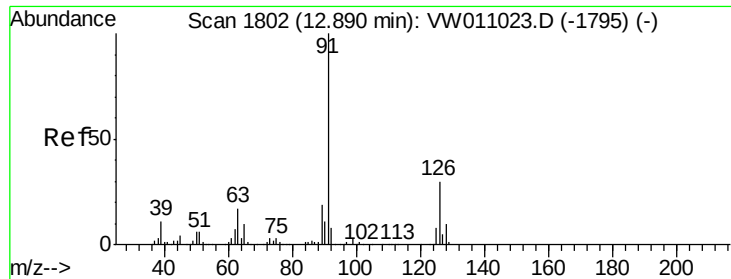
Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Tgt Ion:	91	Resp:	263313
Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.5	31.6





#79

2-Chlorotoluene

Concen: 18.468 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBSD01

Tot Ion: 91 Resp: 155110

Ion Ratio Lower Upper

91 100

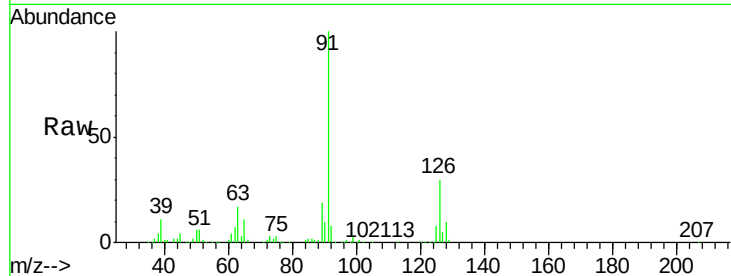
126 31.0 15.4 46.4

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

150000

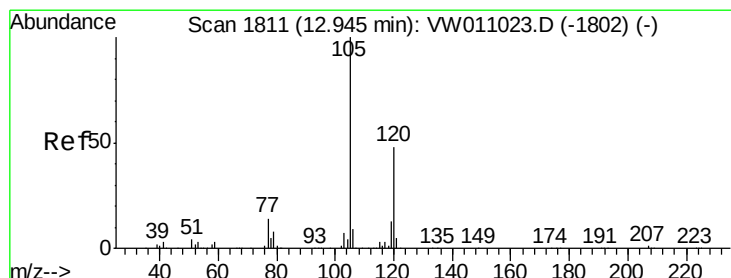
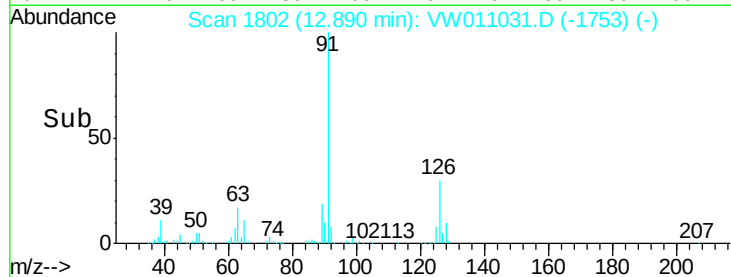
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.248 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW011031.D

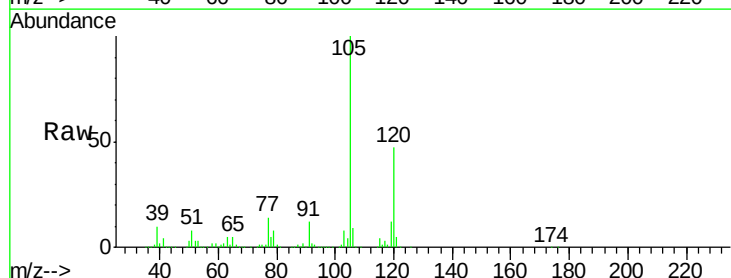
Acq: 27 Jun 2019 22:39

Tgt Ion:105 Resp: 183606

Ion Ratio Lower Upper

105 100

120 48.3 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

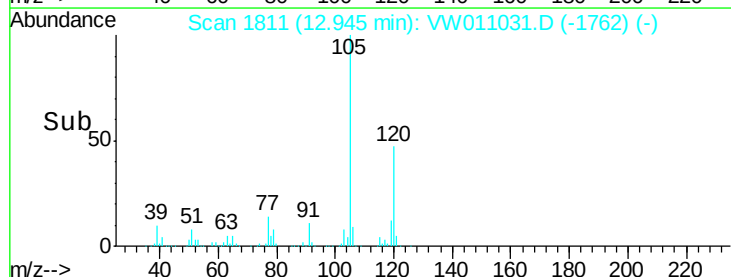
100000

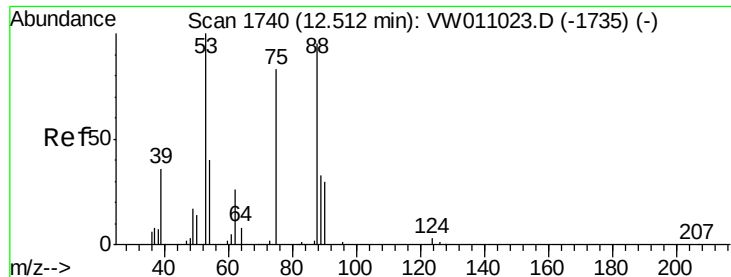
50000

0

12.85 12.90 12.95 13.00

Time-->





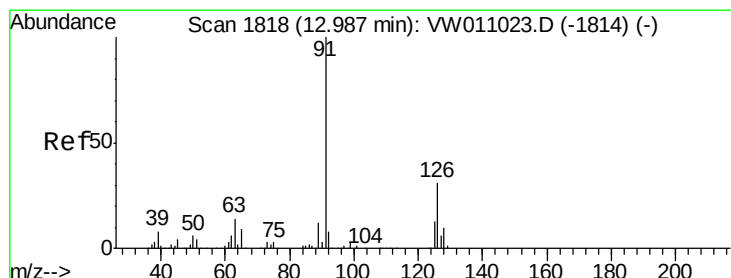
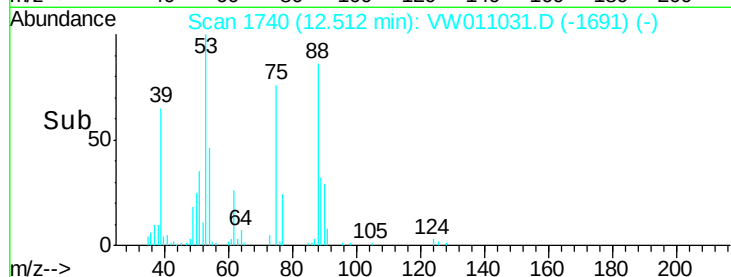
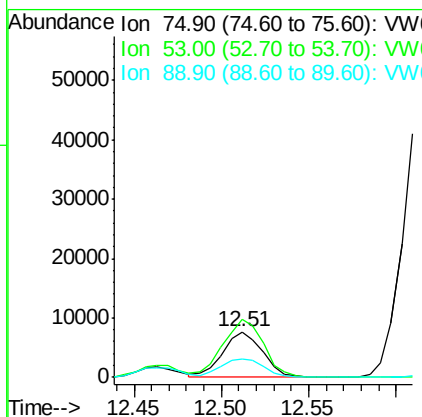
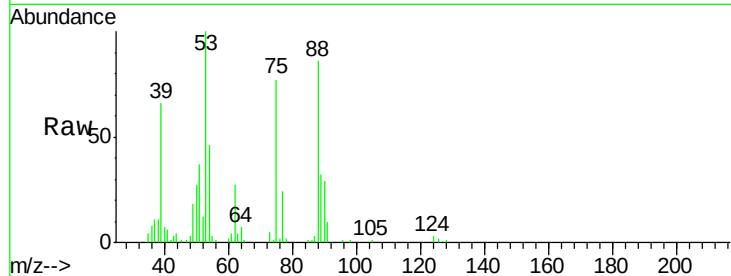
#81
trans-1,4-Dichloro-2-butene
Concen: 17.993 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	133.8	95.6	143.4
89	44.4	34.4	51.6

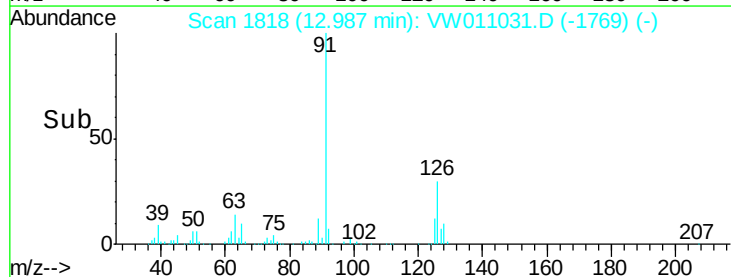
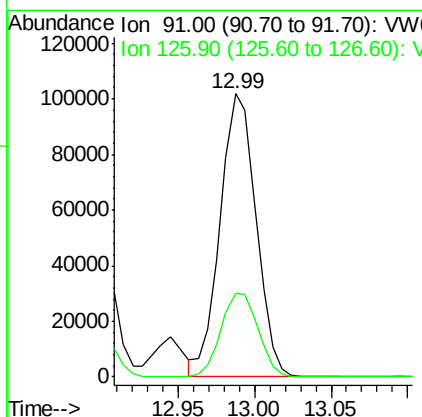
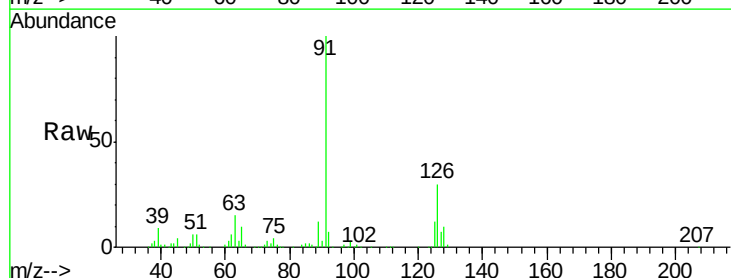
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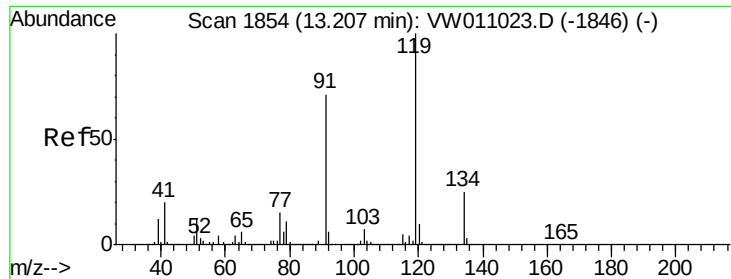
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#82
4-Chlorotoluene
Concen: 18.911 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.7	47.1





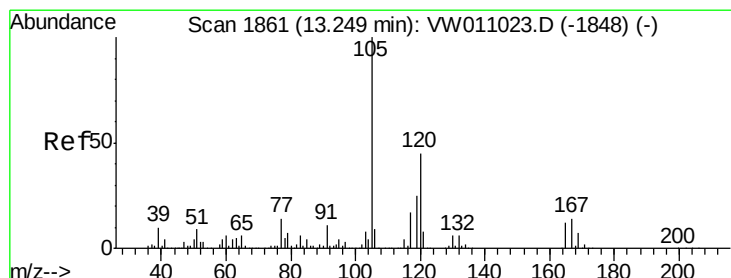
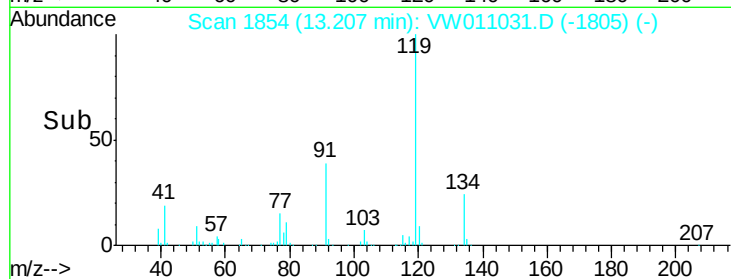
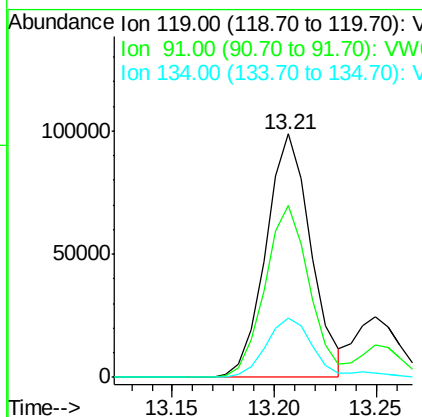
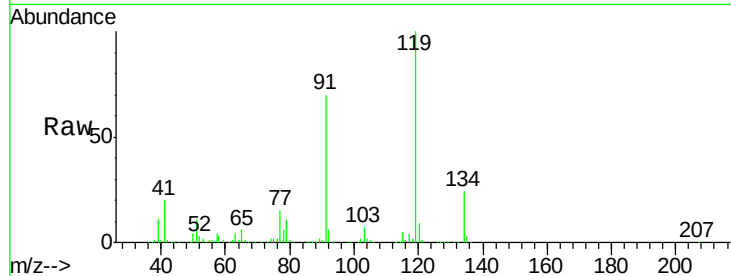
#83
tert-Butylbenzene
Concen: 18.089 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.1	35.5	106.5
134	26.4	12.4	37.2

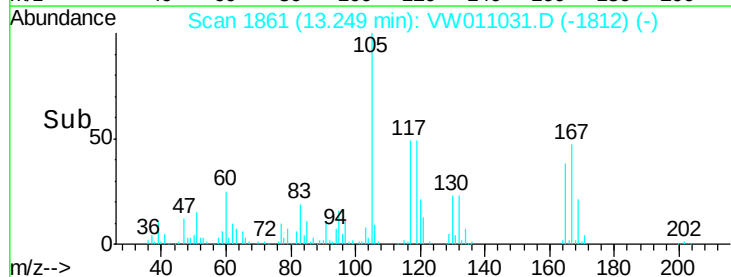
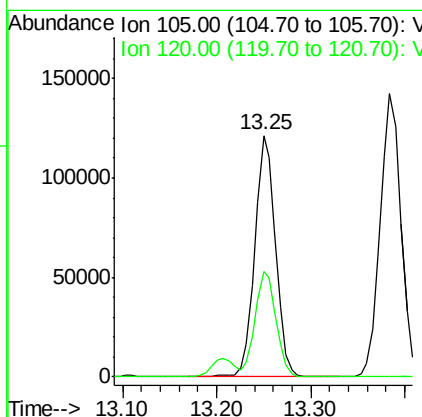
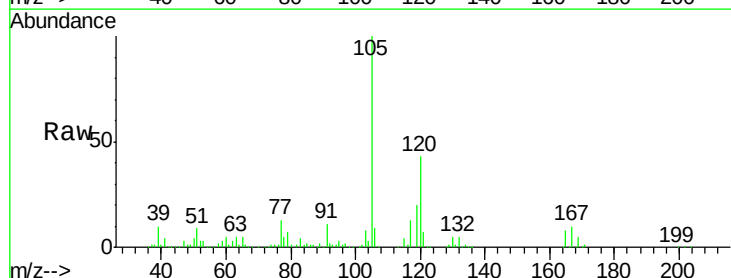
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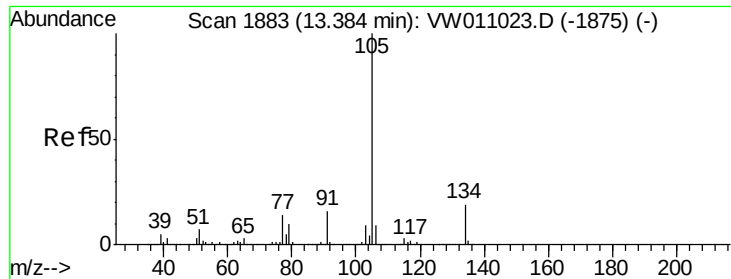
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#84
1,2,4-Trimethylbenzene
Concen: 18.554 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.4	67.2





#85

sec-Butylbenzene

Concen: 17.842 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

ClientSampleId :

VW0628SBS01

Tot Ion:105 Resp: 217481

Ion Ratio Lower Upper

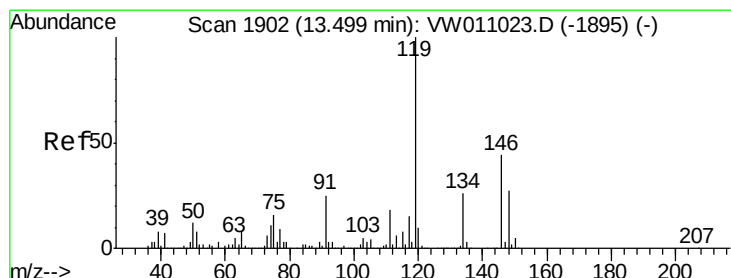
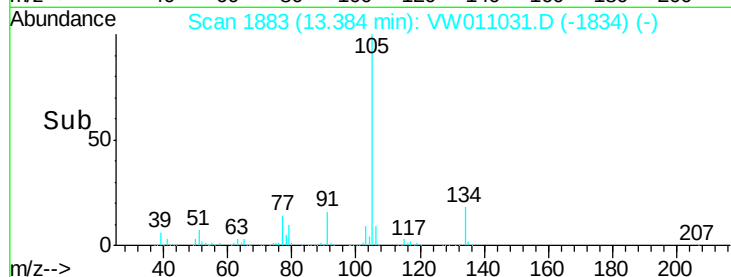
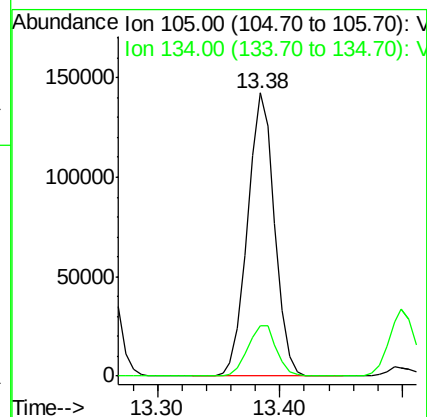
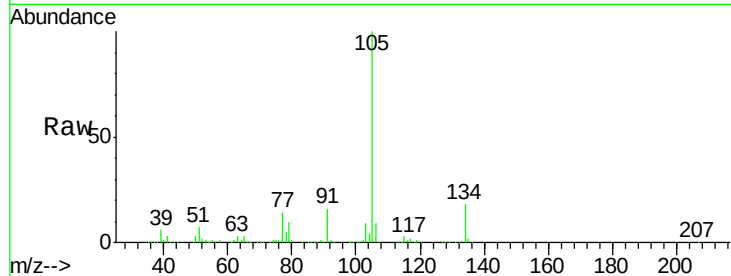
105 100

134 19.1 9.6 28.8

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#86

p-Isopropyltoluene

Concen: 17.716 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

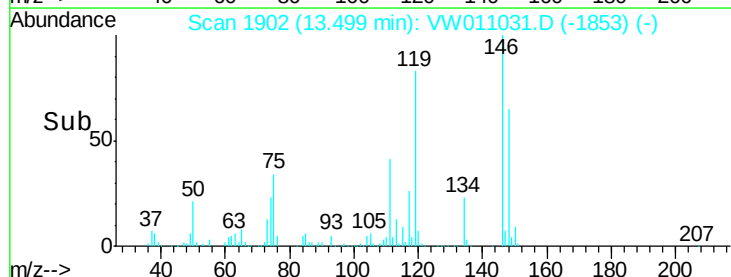
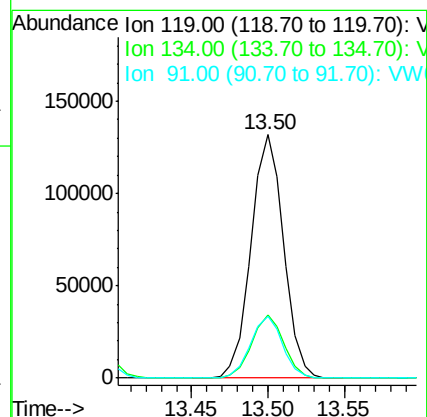
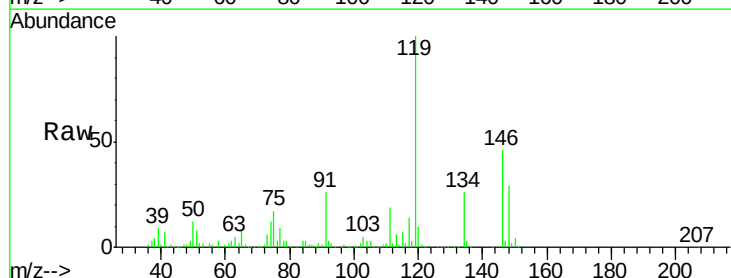
Tgt Ion:119 Resp: 194326

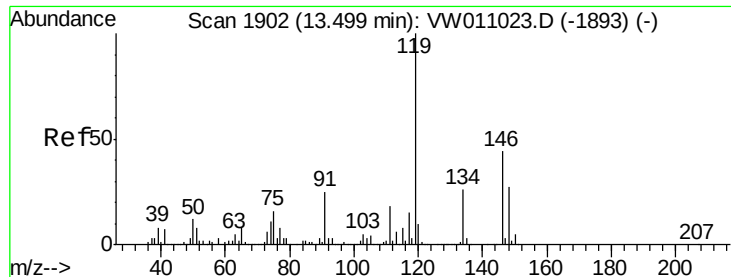
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

91 25.3 12.3 36.9





#87

1,3-Dichlorobenzene

Concen: 18.784 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

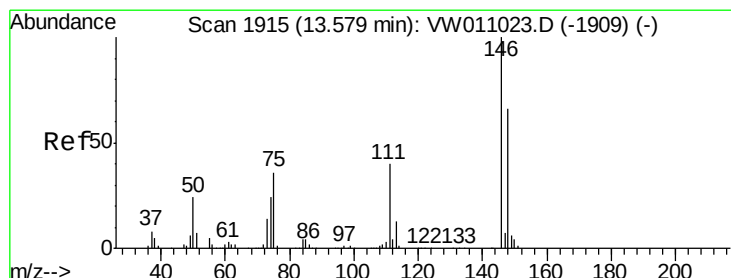
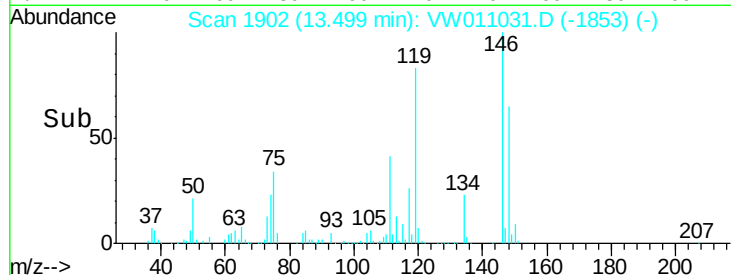
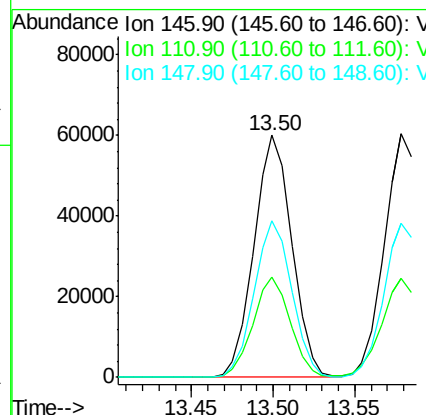
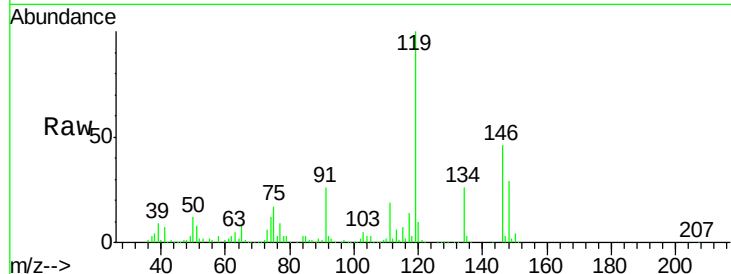
Instrument :
MSVOA_W

ClientSampleId :
VW0628SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.9	62.8
148	64.0	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 18.793 ug/l

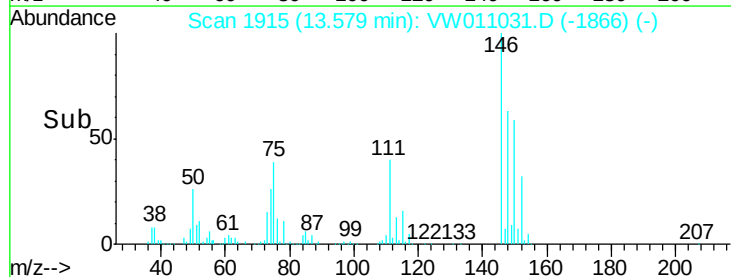
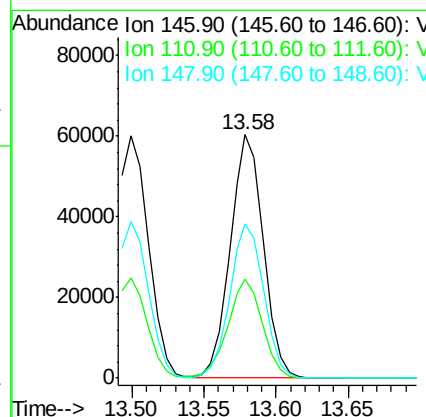
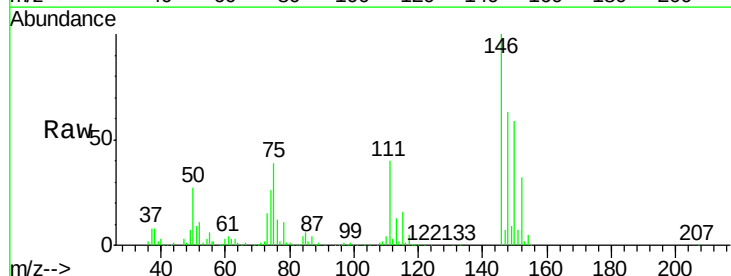
RT: 13.58 min Scan# 1915

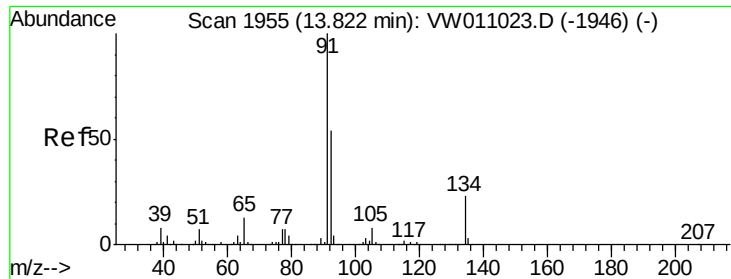
Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.6	61.9
148	64.9	32.4	97.2





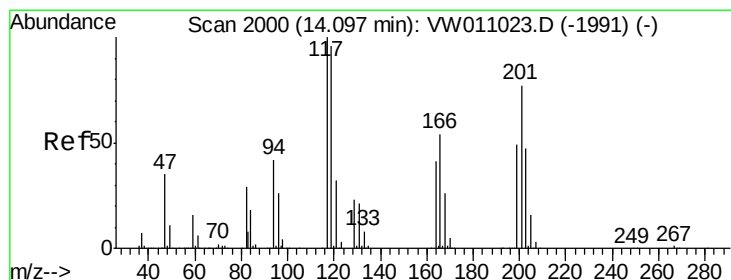
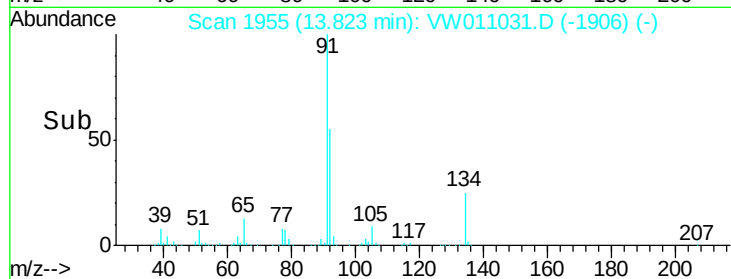
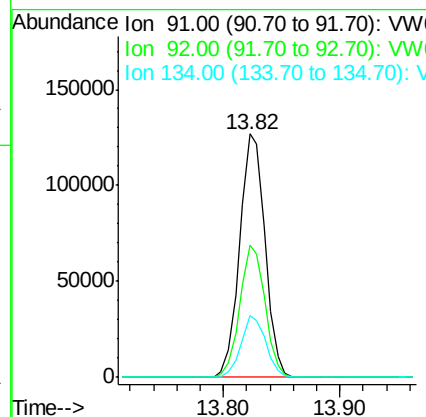
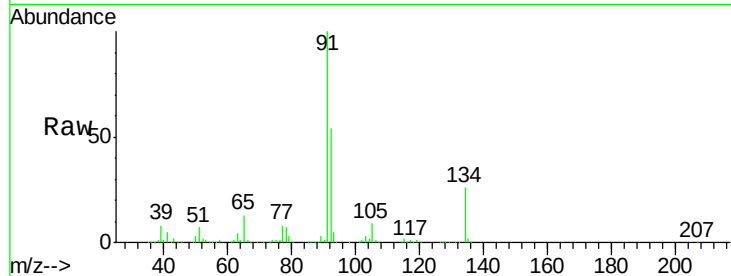
#89
n-Butylbenzene
Concen: 17.298 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	192844		
92	53.8		27.1	81.2
134	24.7		12.0	36.1

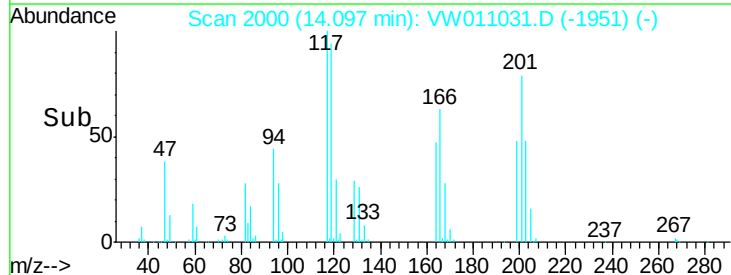
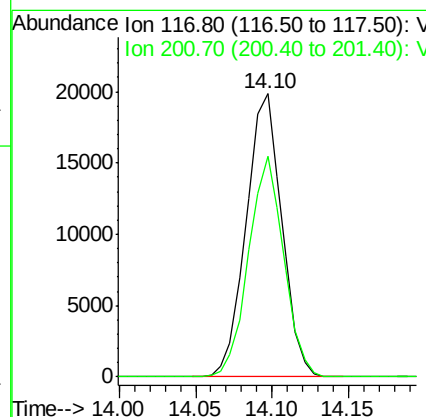
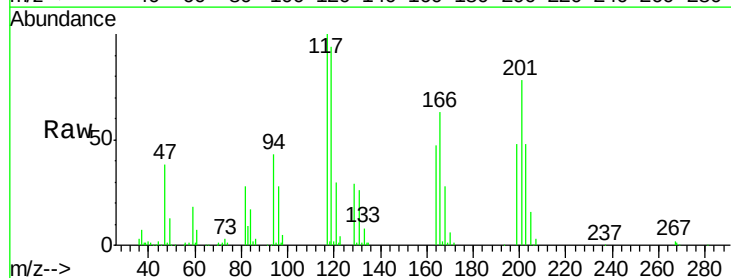
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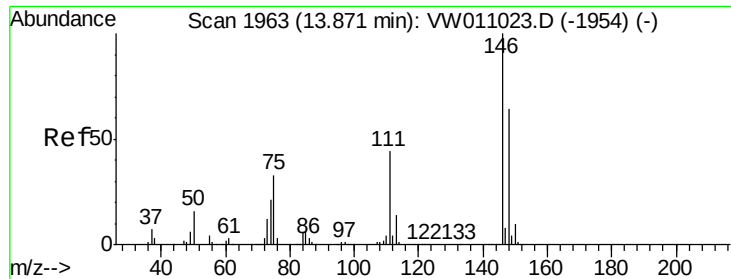
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#90
Hexachloroethane
Concen: 17.154 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	32194		
201	76.6		38.0	114.0





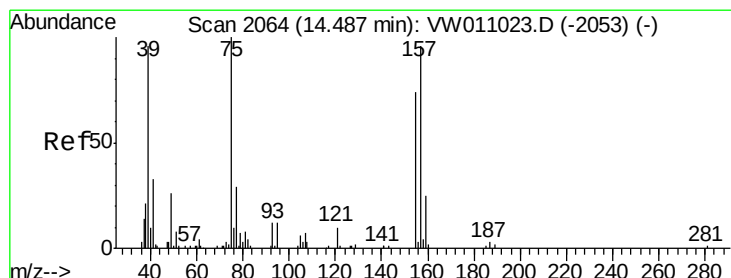
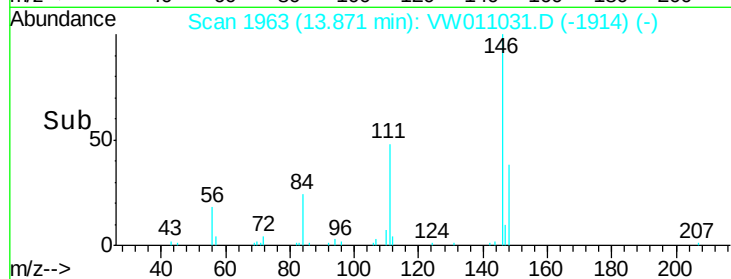
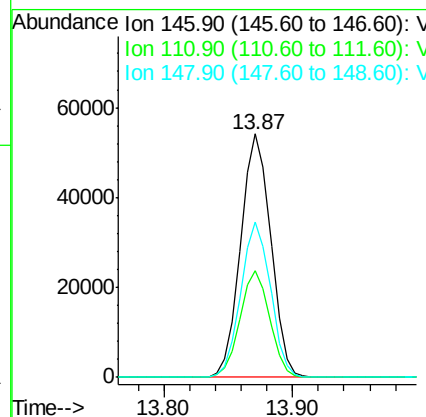
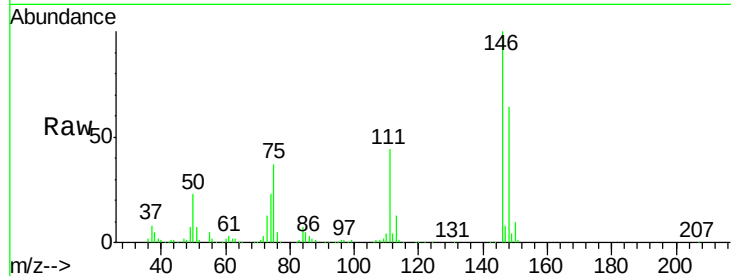
#91
 1,2-Dichlorobenzene
 Concen: 18.939 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0628SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.4	64.3
148	62.9	31.8	95.3

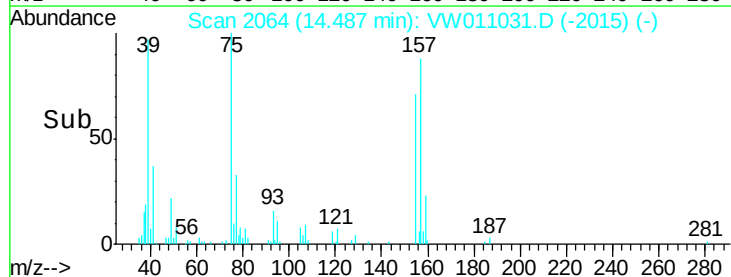
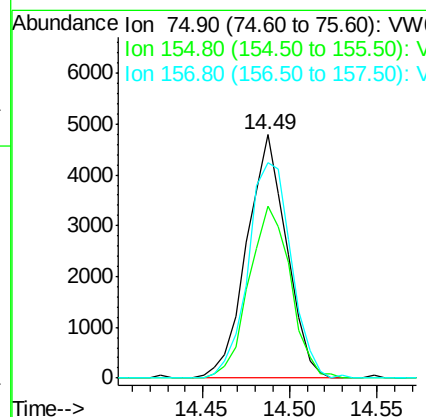
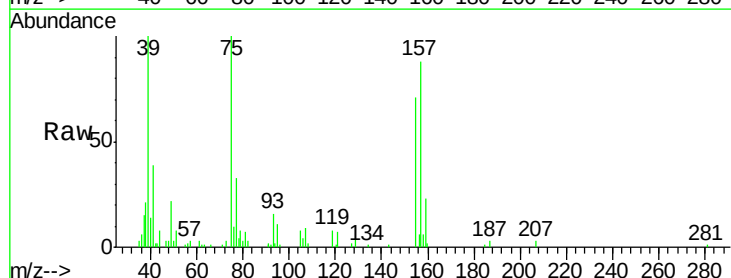
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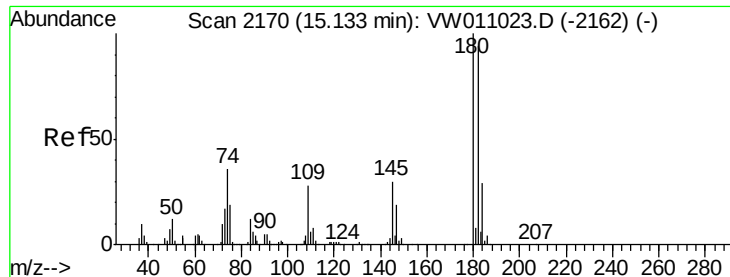
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.180 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW011031.D
 Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.2	37.0	110.9
157	96.1	45.9	137.7





#93

1,2,4-Trichlorobenzene

Concen: 18.816 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. 0.01 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Instrument :

MSVOA_W

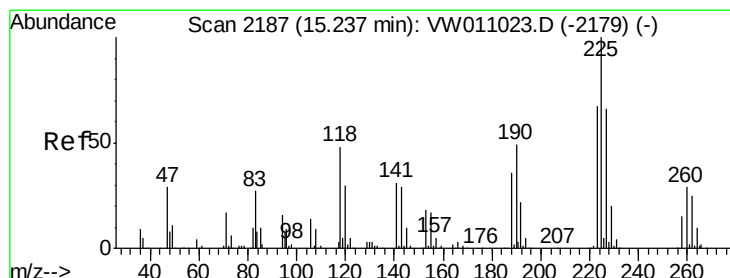
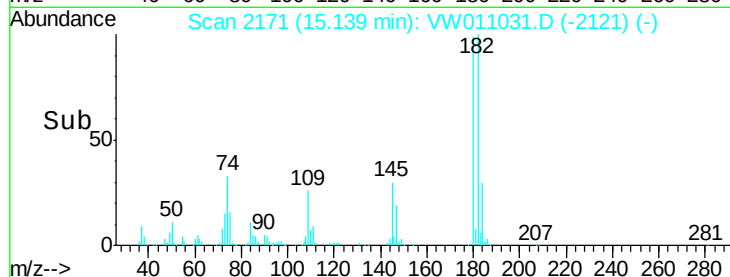
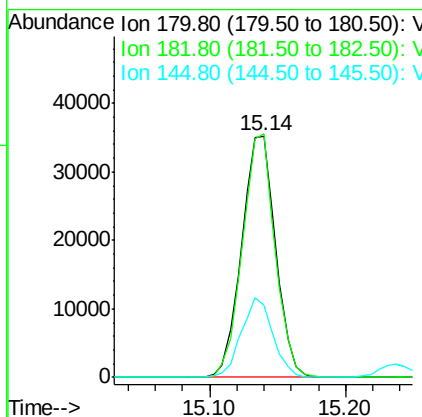
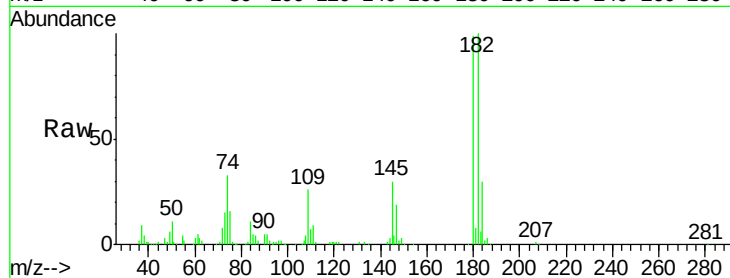
ClientSampleId :

VW0628SBS01

Tot Ion:	180	Resp:	61372
Ion Ratio	Lower	Upper	
180	100		
182	97.0	47.4	142.2
145	31.0	15.3	45.8

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#94

Hexachlorobutadiene

Concen: 17.627 ug/l

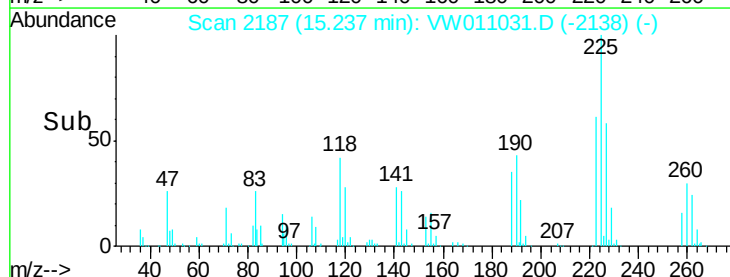
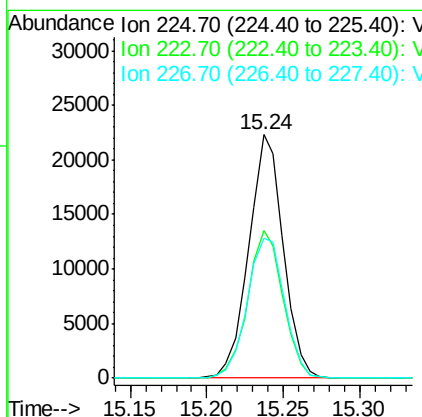
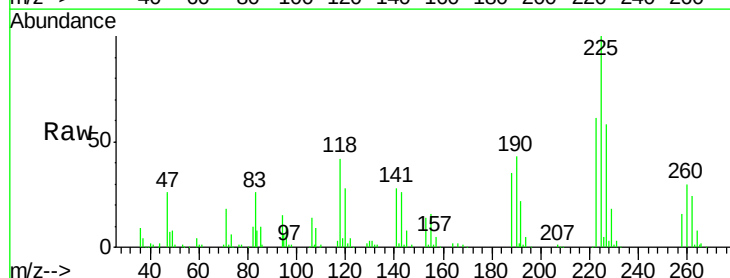
RT: 15.24 min Scan# 2187

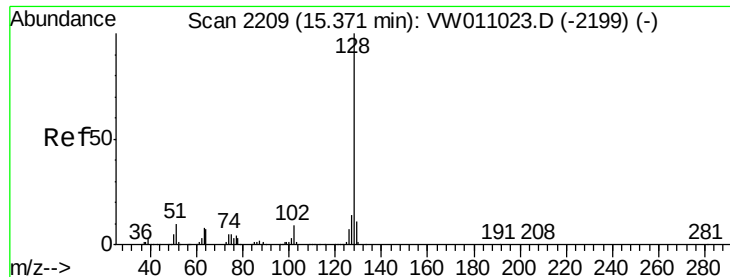
Delta R.T. 0.00 min

Lab File: VW011031.D

Acq: 27 Jun 2019 22:39

Tgt Ion:	225	Resp:	34871
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.9	95.9
227	62.4	31.9	95.9





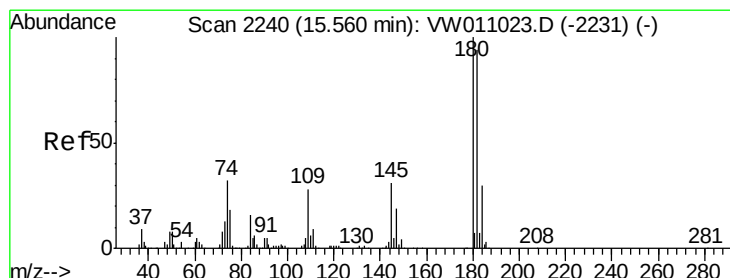
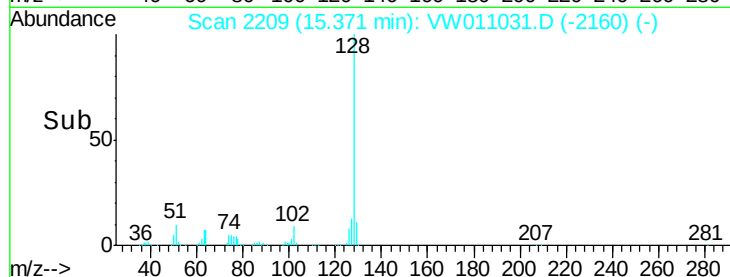
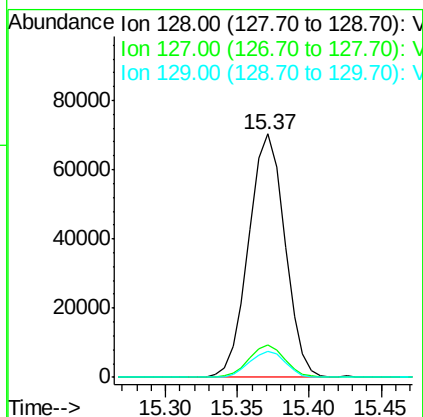
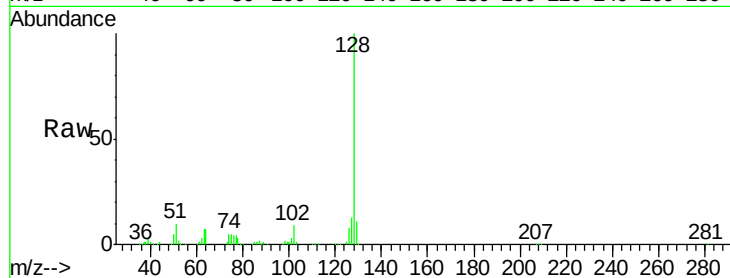
#95
Naphthalene
Concen: 20.001 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Instrument :
MSVOA_W
ClientSampleId :
VW0628SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
7/2/2019 8:28:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.530 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW011031.D
Acq: 27 Jun 2019 22:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.9	143.7
145	32.7	16.1	48.2

