

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012220\
 Data File : VW014712.D
 Acq On : 22 Jan 2020 14:41
 Operator : SY/VA
 Sample : VW0122SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2020 2:33:04 PM

Quant Time: Jan 22 15:21:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	655824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	986042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	844785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	421517	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	302172	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
35) Dibromofluoromethane	7.88	113	296457	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
50) Toluene-d8	10.32	98	1233076	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	12.62	95	412380	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	89189	24.086	ug/l	99
3) Chloromethane	2.21	50	118067	26.049	ug/l	99
4) Vinyl Chloride	2.35	62	167002	25.051	ug/l	99
5) Bromomethane	2.78	94	98305	23.871	ug/l	94
6) Chloroethane	2.91	64	91867	24.174	ug/l	97
7) Trichlorofluoromethane	3.25	101	85106	25.516	ug/l	90
8) Diethyl Ether	3.67	74	69701	21.003	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	145520	23.350	ug/l	99
10) Methyl Iodide	4.27	142	199636	21.230	ug/l	98
11) Tert butyl alcohol	5.16	59	47028	91.866	ug/l	99
12) 1,1-Dichloroethene	4.03	96	148880	22.812	ug/l	96
13) Acrolein	3.89	56	46356	92.626	ug/l	98
14) Allyl chloride	4.66	41	235517	23.614	ug/l	99
15) Acrylonitrile	5.35	53	157504	103.829	ug/l	99
16) Acetone	4.11	43	161783	99.923	ug/l	97
17) Carbon Disulfide	4.37	76	440248	22.381	ug/l	98
18) Methyl Acetate	4.67	43	80165	20.501	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	176573	21.795	ug/l	98
20) Methylene Chloride	4.90	84	185773	26.219	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	157412	22.715	ug/l	99
22) Diisopropyl ether	6.31	45	439232	23.529	ug/l	98
23) Vinyl Acetate	6.24	43	1218518	108.095	ug/l	97
24) 1,1-Dichloroethane	6.21	63	275562	23.402	ug/l	99
25) 2-Butanone	7.17	43	203952	98.157	ug/l	94
26) 2,2-Dichloropropane	7.16	77	158036	24.241	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	163957	22.516	ug/l	96
28) Bromochloromethane	7.51	49	94662	20.505	ug/l	95
29) Tetrahydrofuran	7.52	42	125512	97.506	ug/l	97
30) Chloroform	7.67	83	253520	23.023	ug/l	96
31) Cyclohexane	7.95	56	280305	22.906	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	208263	23.516	ug/l	99
36) 1,1-Dichloropropene	8.07	75	223099	23.469	ug/l	98
37) Ethyl Acetate	7.24	43	89041	20.653	ug/l	98
38) Carbon Tetrachloride	8.06	117	191020	23.163	ug/l	98

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 1/23/2020 2:33:04 PM

Quant Time: Jan 22 15:21:51 2020
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 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	271934	22.292	ug/l	95
40) Benzene	8.32	78	614838	22.860	ug/l	100
41) Methacrylonitrile	7.48	41	49587	20.634	ug/l	96
42) 1,2-Dichloroethane	8.39	62	157064	22.503	ug/l	99
43) Isopropyl Acetate	8.42	43	159459	20.368	ug/l	99
44) Trichloroethene	9.09	130	160938	22.114	ug/l	90
45) 1,2-Dichloropropane	9.37	63	150835	22.854	ug/l	96
46) Dibromomethane	9.45	93	69725	21.400	ug/l	97
47) Bromodichloromethane	9.64	83	181207	22.527	ug/l	99
48) Methyl methacrylate	9.43	41	78538	20.547	ug/l	100
49) 1,4-Dioxane	9.44	88	24313	398.972	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	409430	100.709	ug/l	98
52) Toluene	10.38	92	384352	22.715	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	175943	21.125	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	221421	21.753	ug/l	94
55) 1,1,2-Trichloroethane	10.78	97	99920	20.998	ug/l	96
56) Ethyl methacrylate	10.64	69	123692	20.002	ug/l	98
57) 1,3-Dichloropropane	10.93	76	179136	21.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	187514	99.699	ug/l	98
59) 2-Hexanone	10.96	43	277891	99.195	ug/l	96
60) Dibromochloromethane	11.12	129	108890	20.281	ug/l	96
61) 1,2-Dibromoethane	11.23	107	94066	20.825	ug/l	100
64) Tetrachloroethene	10.86	164	135433	22.144	ug/l	98
65) Chlorobenzene	11.65	112	383335	22.149	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	129489	22.221	ug/l	99
67) Ethyl Benzene	11.73	91	710365	22.776	ug/l	98
68) m/p-Xylenes	11.83	106	541102	45.329	ug/l	98
69) o-Xylene	12.16	106	247968	22.488	ug/l	100
70) Styrene	12.18	104	423229	22.693	ug/l	99
71) Bromoform	12.35	173	63216	19.889	ug/l #	100
73) Isopropylbenzene	12.46	105	690468	22.324	ug/l	99
74) N-amyl acetate	12.27	43	140196	20.216	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	112347	20.125	ug/l	99
76) 1,2,3-Trichloropropane	12.76	75	87230m	21.887	ug/l	
77) Bromobenzene	12.74	156	155199	21.605	ug/l	99
78) n-propylbenzene	12.80	91	830402	22.833	ug/l	99
79) 2-Chlorotoluene	12.89	91	460899	22.269	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	584442	22.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	34013	19.015	ug/l	92
82) 4-Chlorotoluene	12.99	91	487902	22.690	ug/l	99
83) tert-Butylbenzene	13.20	119	503922	22.163	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	585450	22.654	ug/l	100
85) sec-Butylbenzene	13.38	105	717027	22.783	ug/l	99
86) p-Isopropyltoluene	13.49	119	653222	22.771	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	307183	21.991	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	296597	21.507	ug/l	98
89) n-Butylbenzene	13.82	91	612941	23.010	ug/l	99
90) Hexachloroethane	14.09	117	109222	21.795	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	267467	21.785	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17821	20.159	ug/l	92

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MSVOA_W
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VW0122SBS01

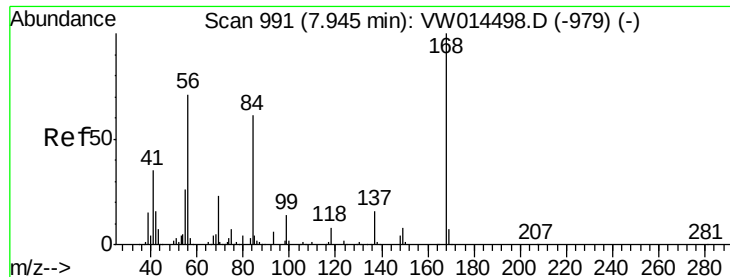
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	182328	21.991	ug/l	98
94) Hexachlorobutadiene	15.23	225	125785	22.639	ug/l	99
95) Naphthalene	15.36	128	286516	20.263	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	156234	21.618	ug/l	100

(#) = 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: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion:168 Resp: 655824

Ion Ratio Lower Upper

168 100

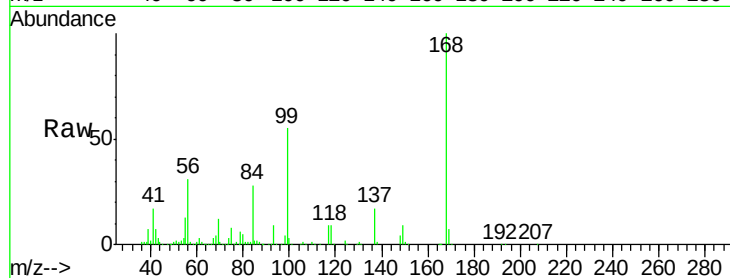
99 55.2 41.1 61.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

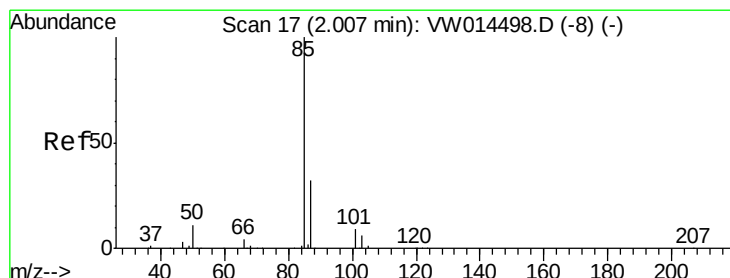
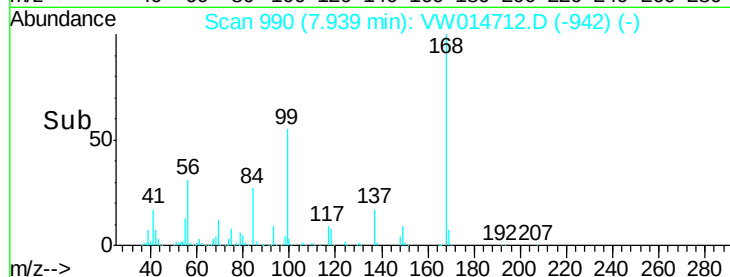
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 24.086 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014712.D

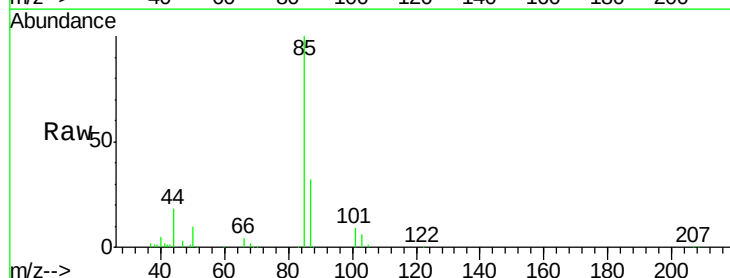
Acq: 22 Jan 2020 14:41

Tgt Ion: 85 Resp: 89189

Ion Ratio Lower Upper

85 100

87 31.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

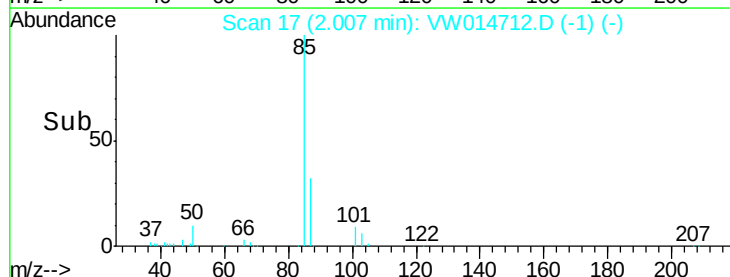
15000

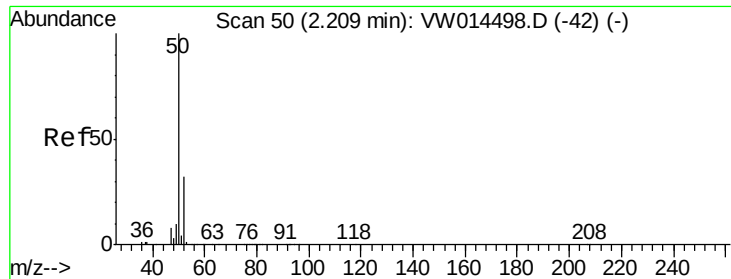
10000

5000

0

Time-->





#3

Chloromethane

Concen: 26.049 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 50 Resp: 118067

Ion Ratio Lower Upper

50 100

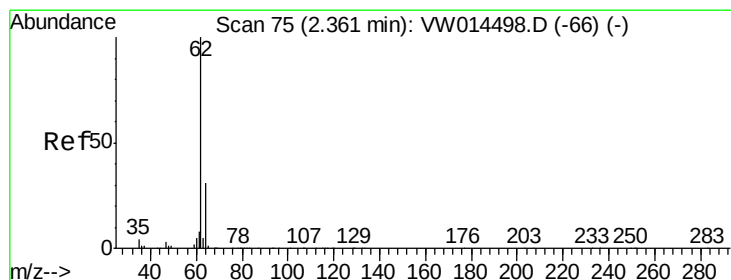
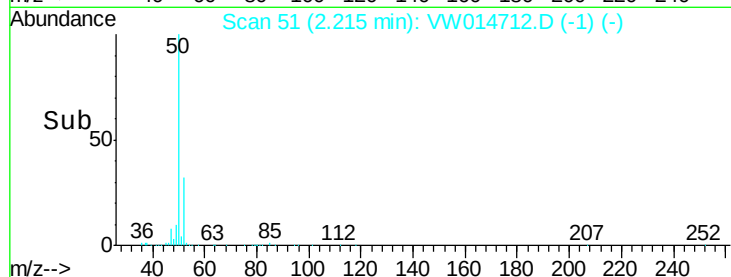
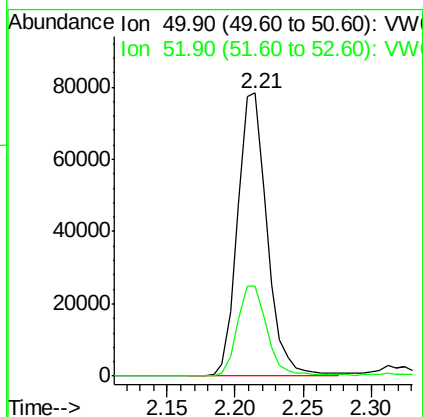
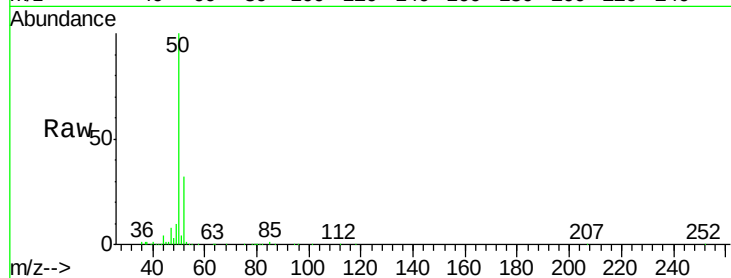
52 31.7 25.8 38.8

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#4

Vinyl Chloride

Concen: 25.051 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014712.D

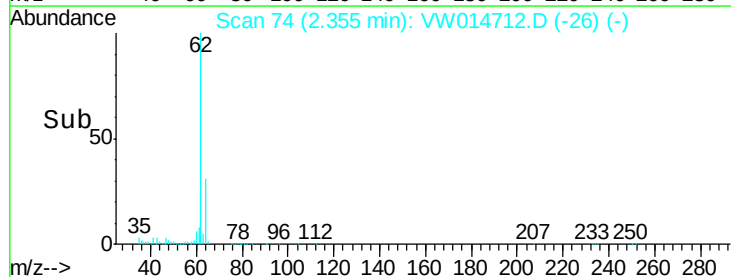
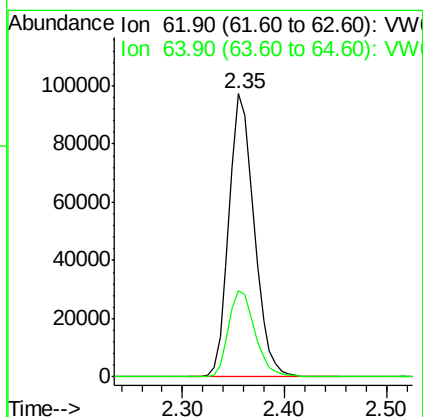
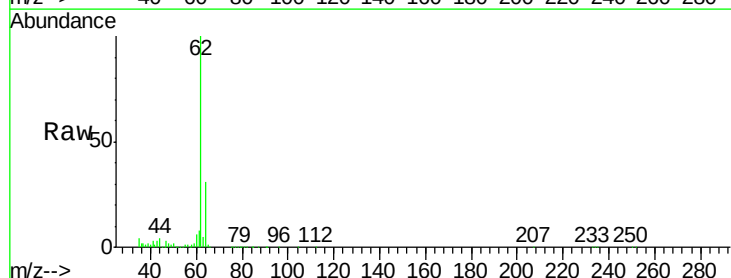
Acq: 22 Jan 2020 14:41

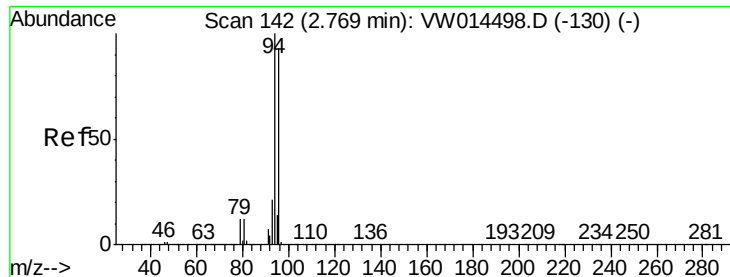
Tgt Ion: 62 Resp: 167002

Ion Ratio Lower Upper

62 100

64 30.5 25.0 37.4





#5

Bromomethane

Concen: 23.871 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 94 Resp: 98305

Ion Ratio Lower Upper

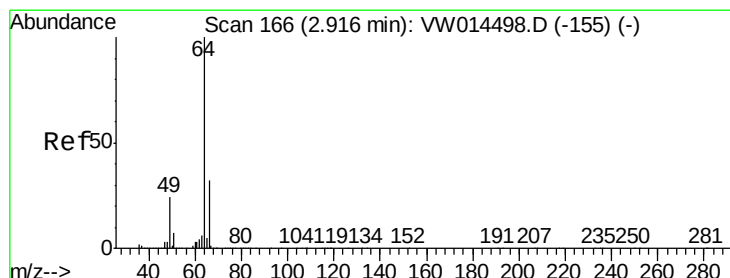
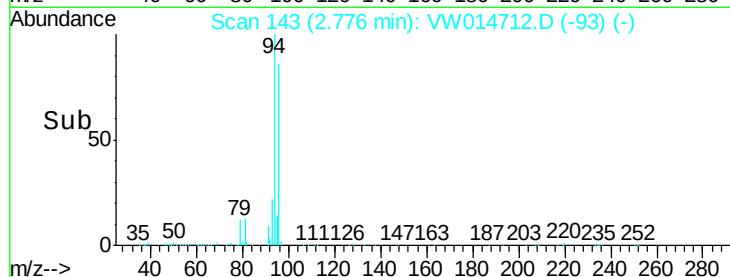
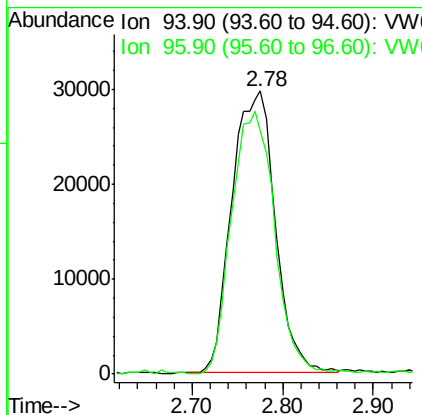
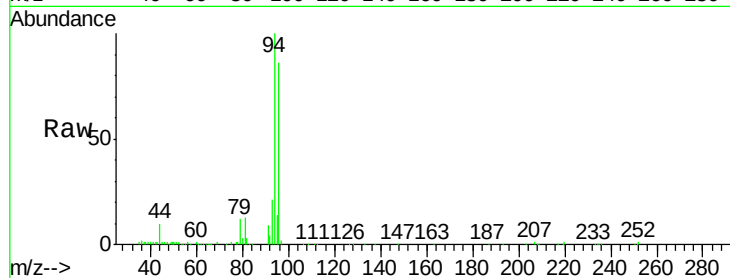
94 100

96 86.5 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 24.174 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW014712.D

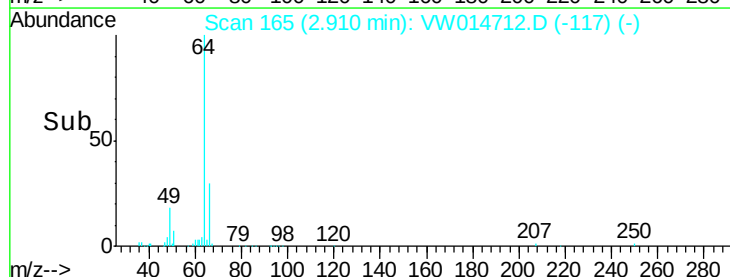
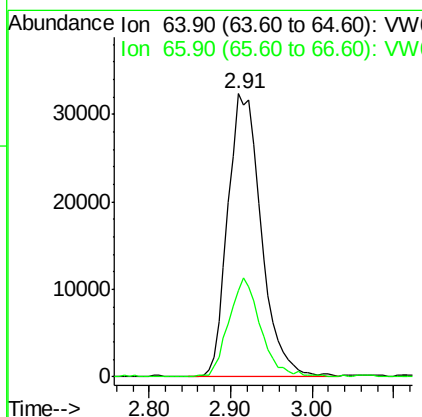
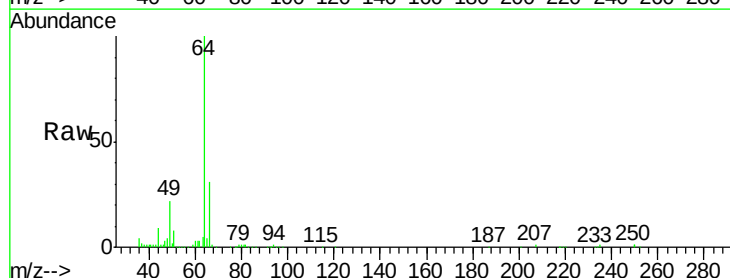
Acq: 22 Jan 2020 14:41

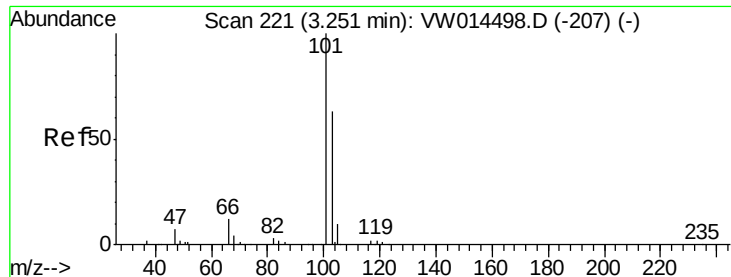
Tgt Ion: 64 Resp: 91867

Ion Ratio Lower Upper

64 100

66 30.4 25.7 38.5





#7

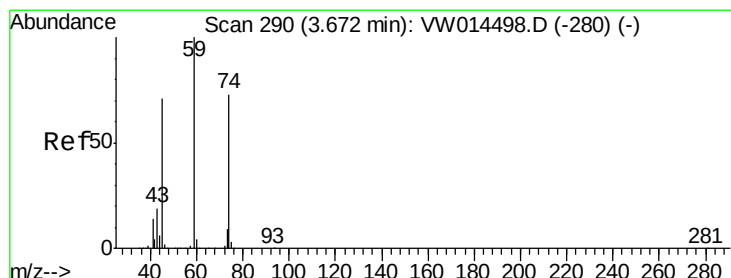
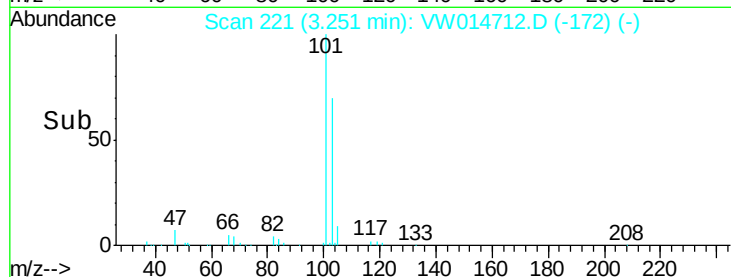
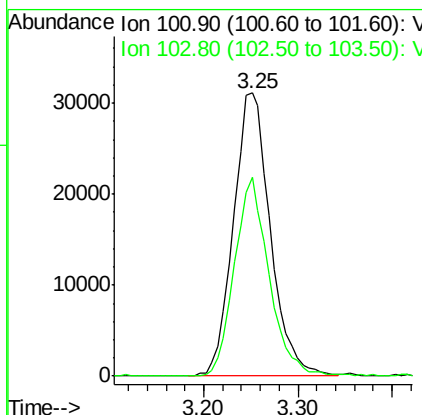
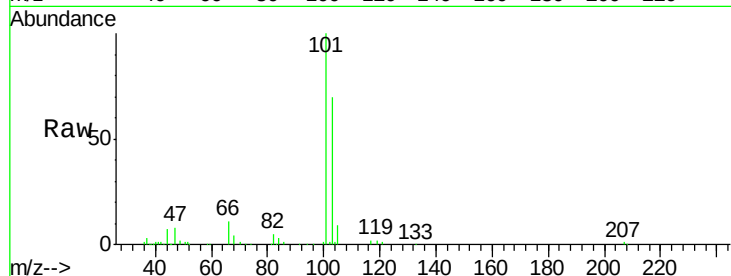
Trichlorofluoromethane
Concen: 25.516 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
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ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	70.3	50.1	75.1

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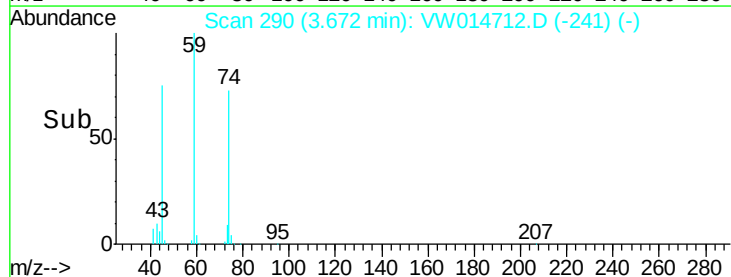
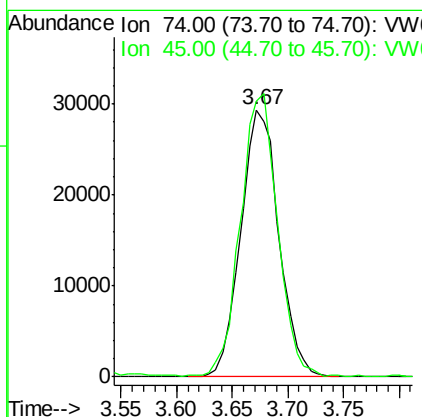
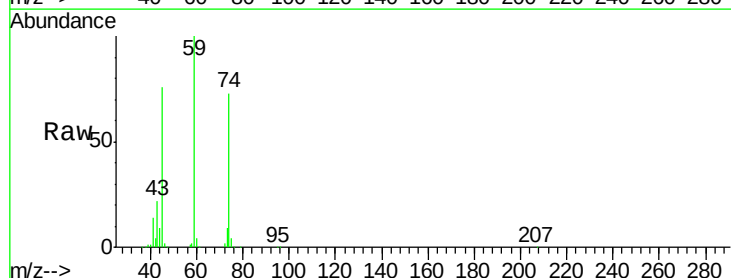
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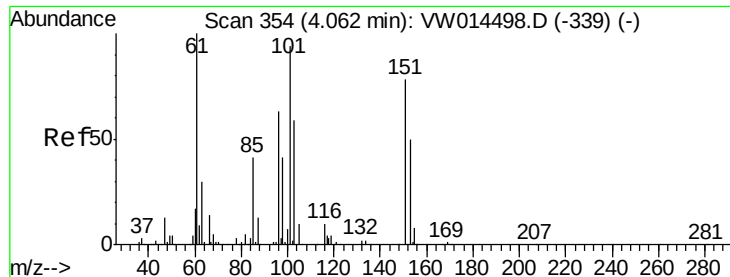


#8

Diethyl Ether
Concen: 21.003 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.2	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 23.350 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

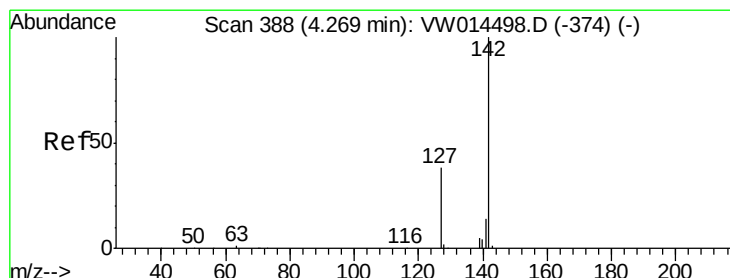
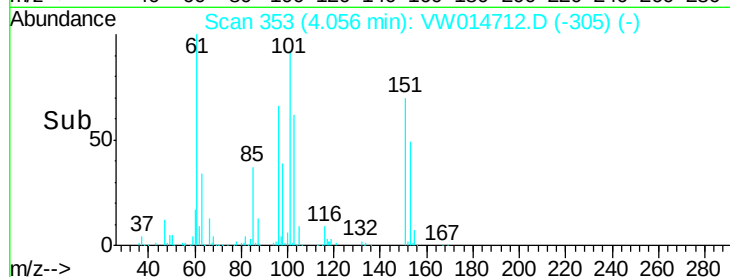
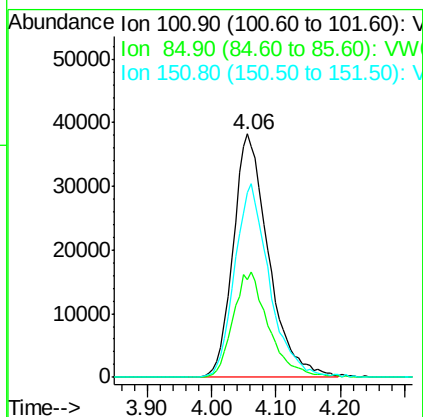
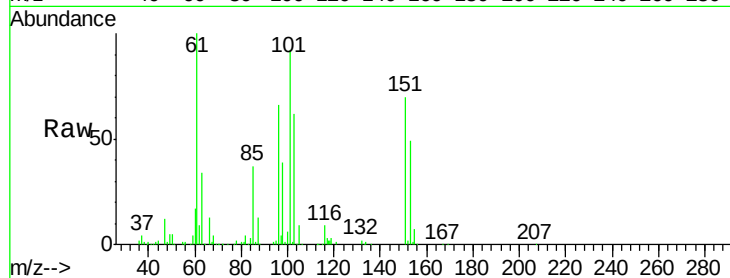
ClientSampleId :

VW0122SBS01

Tot Ion:	101	Resp:	145520
Ion Ratio	Lower	Upper	
101	100		
85	43.2	33.7	50.5
151	78.5	63.5	95.3

Manual Integrations
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#10

Methyl Iodide

Concen: 21.230 ug/l

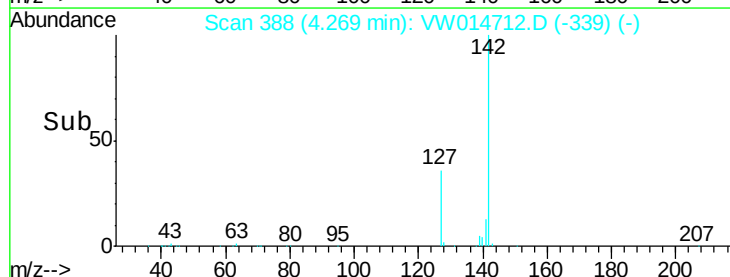
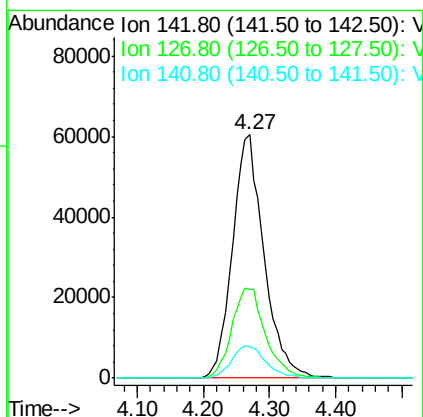
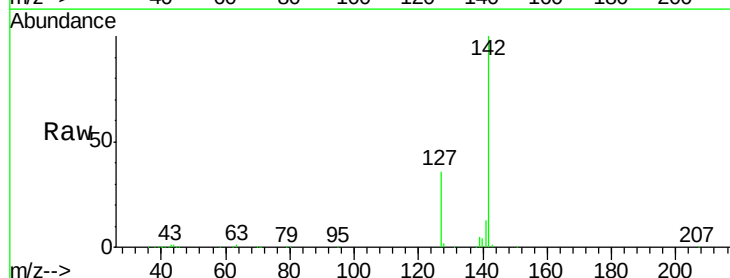
RT: 4.27 min Scan# 388

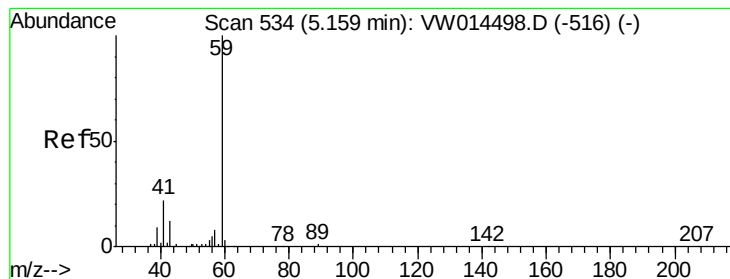
Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Tgt Ion:	142	Resp:	199636
Ion Ratio	Lower	Upper	
142	100		
127	39.5	30.2	45.4
141	14.5	11.4	17.2





#11

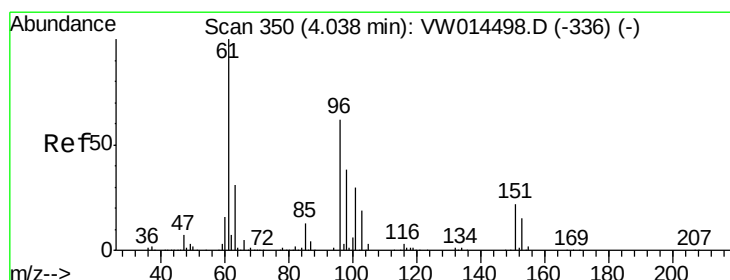
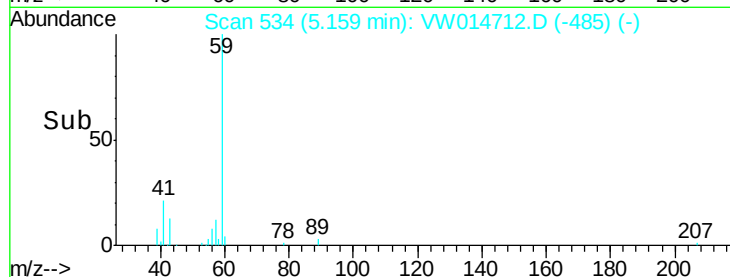
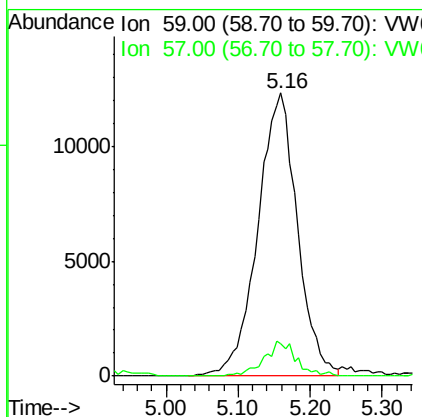
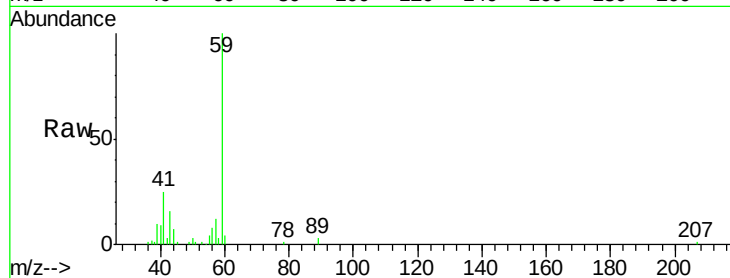
Tert butyl alcohol
 Concen: 91.866 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Instrument :
 MSVOA_W
 ClientSampled :
 VW0122SBS01

Tot Ion	59	Resp	47028
Ion Ratio	100	Lower	Upper
57	10.1	7.8	11.8

Manual Integrations
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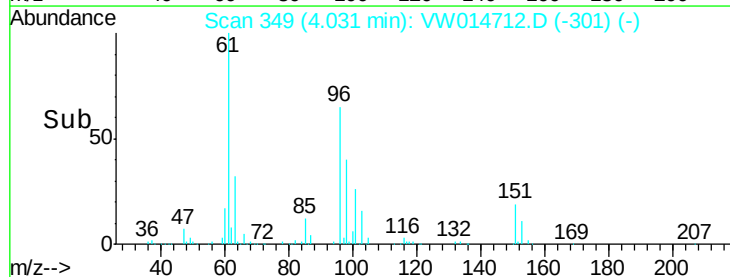
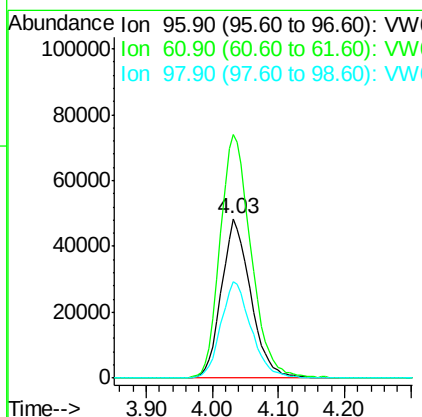
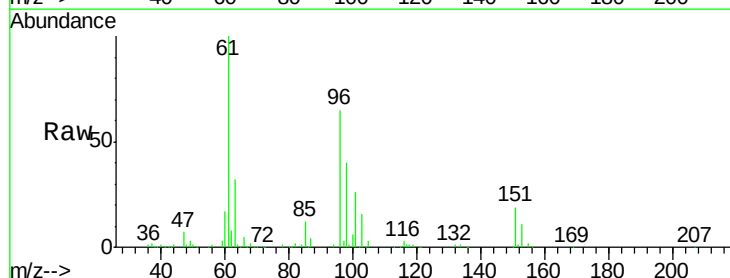
MMDadoda
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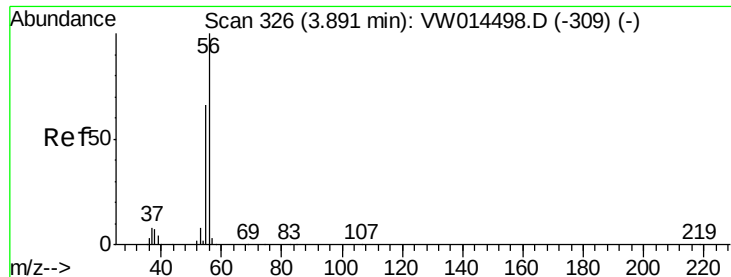


#12

1,1-Dichloroethene
 Concen: 22.812 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion	96	Resp	148880
Ion Ratio	100	Lower	Upper
61	152.7	128.4	192.6
98	60.9	49.1	73.7





#13

Acrolein

Concen: 92.626 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 56 Resp: 46356

Ion Ratio Lower Upper

56 100

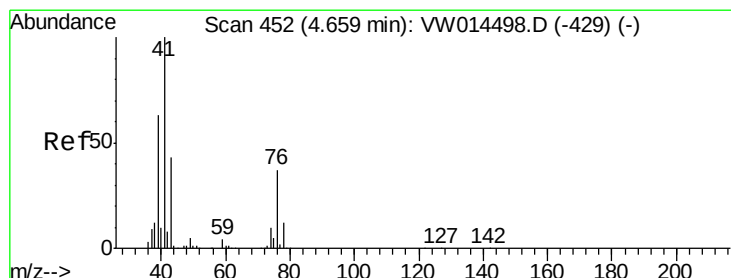
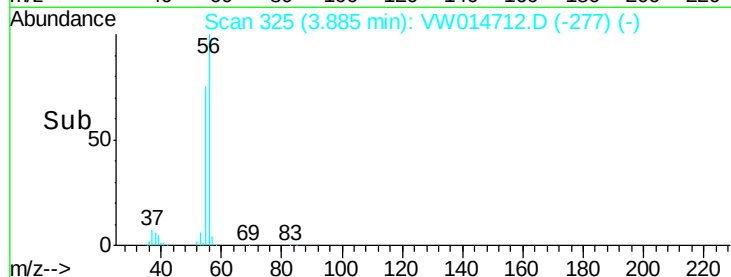
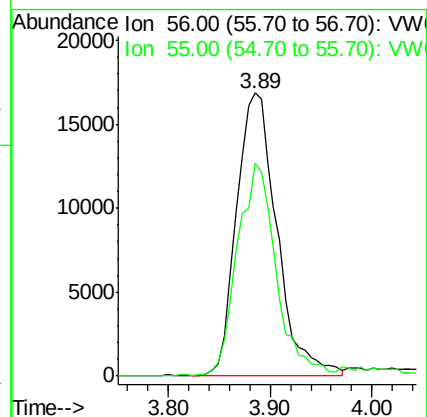
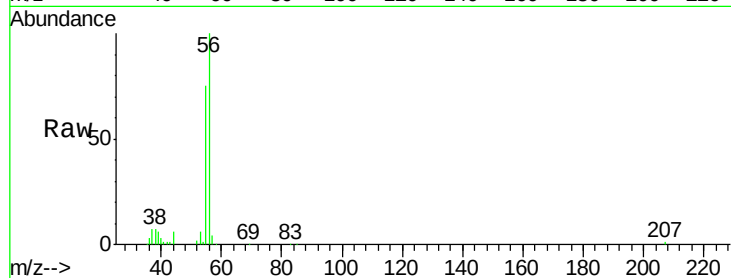
55 72.5 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 23.614 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

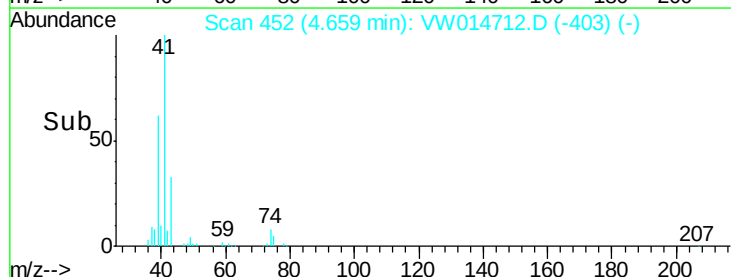
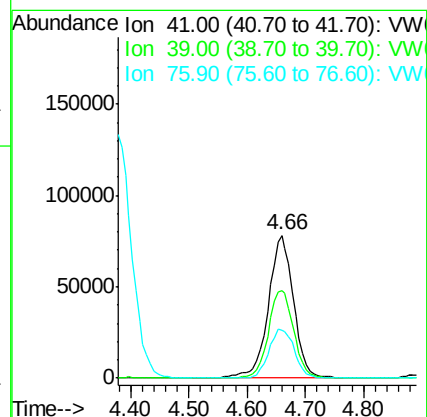
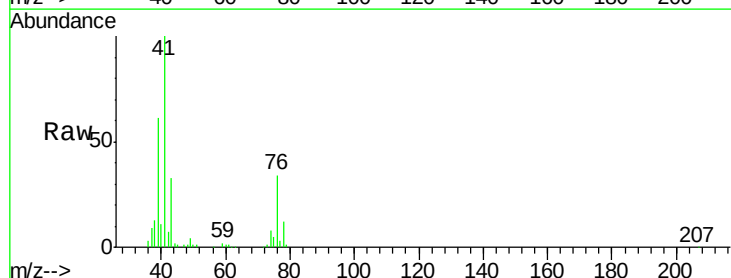
Tgt Ion: 41 Resp: 235517

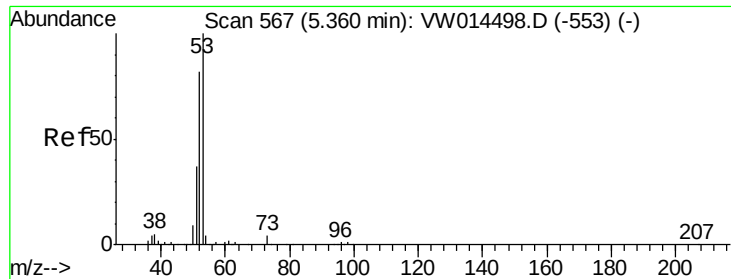
Ion Ratio Lower Upper

41 100

39 61.7 48.5 72.7

76 34.5 28.1 42.1





#15

Acrylonitrile

Concen: 103.829 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

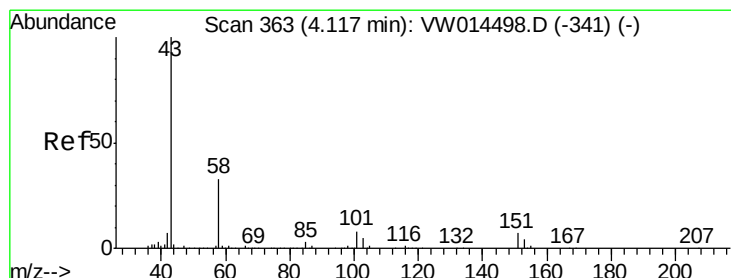
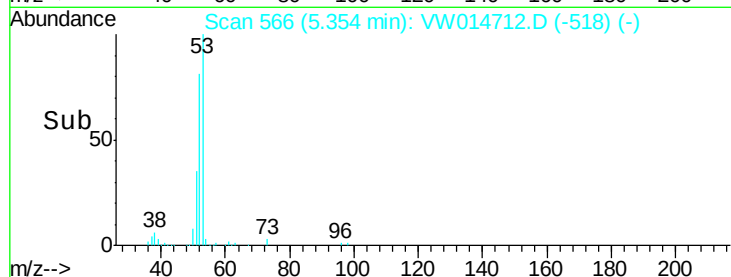
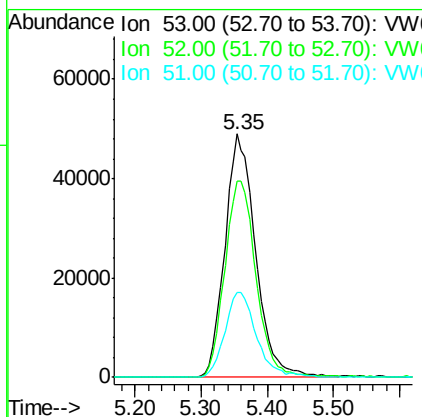
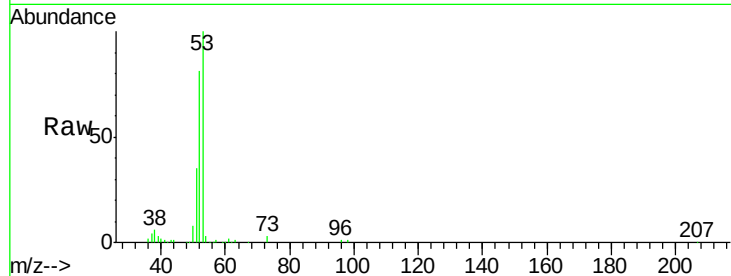
ClientSampleId :

VW0122SBS01

Tot Ion:	53	Resp:	157504
Ion Ratio	Lower	Upper	
53	100		
52	81.7	66.5	99.7
51	36.2	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 99.923 ug/l

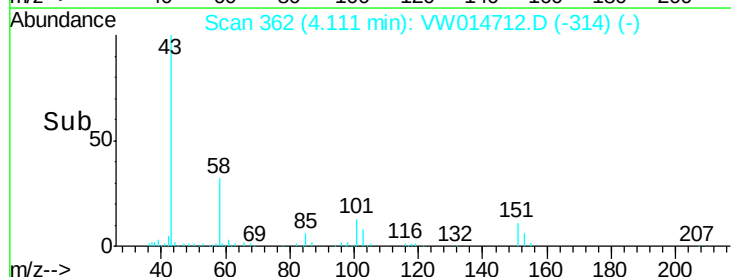
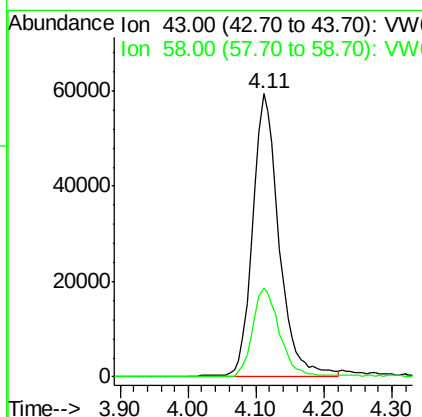
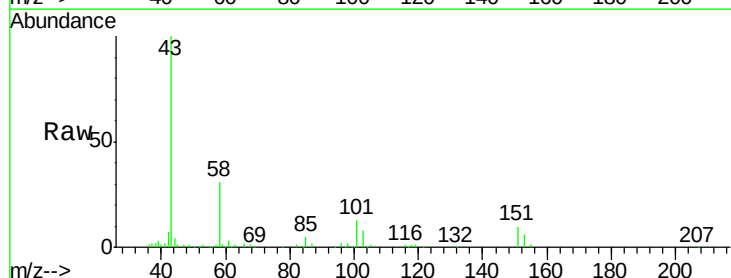
RT: 4.11 min Scan# 362

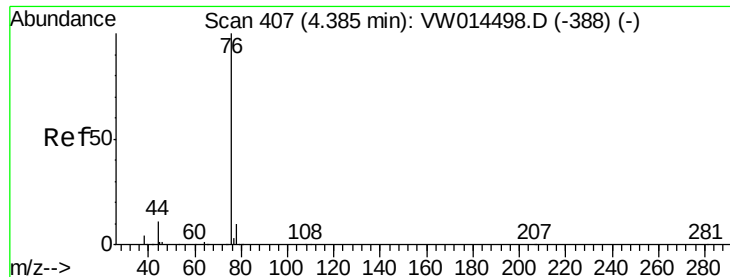
Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Tgt Ion:	43	Resp:	161783
Ion Ratio	Lower	Upper	
43	100		
58	31.2	26.6	39.8





#17

Carbon Disulfide

Concen: 22.381 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 76 Resp: 440248

Ion Ratio Lower Upper

76 100

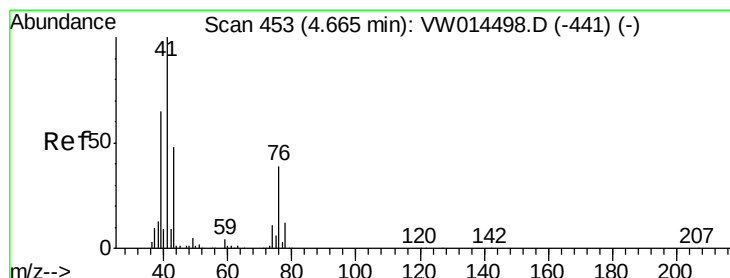
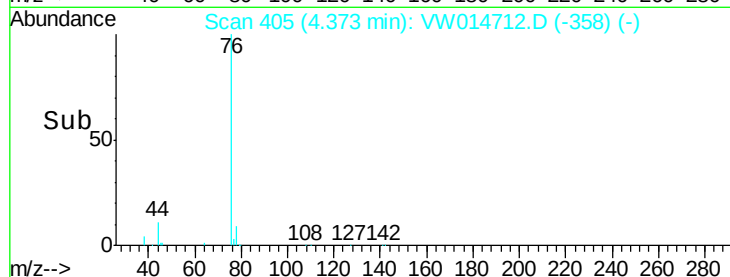
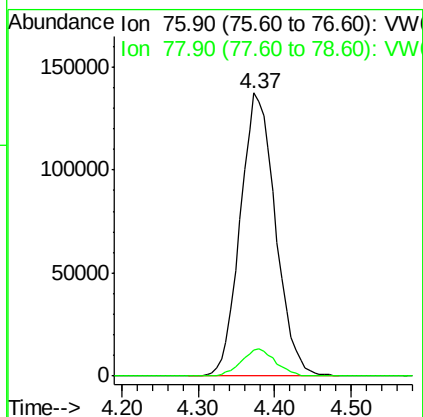
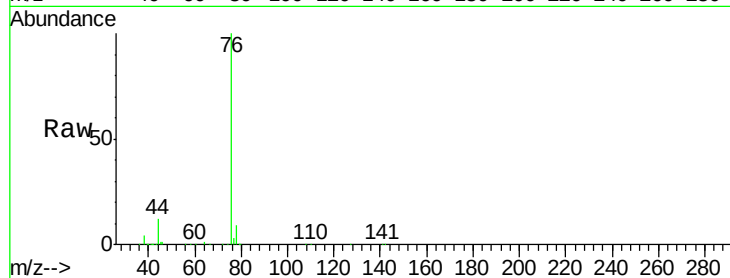
78 9.1 7.8 11.6

Manual Integrations

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#18

Methyl Acetate

Concen: 20.501 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW014712.D

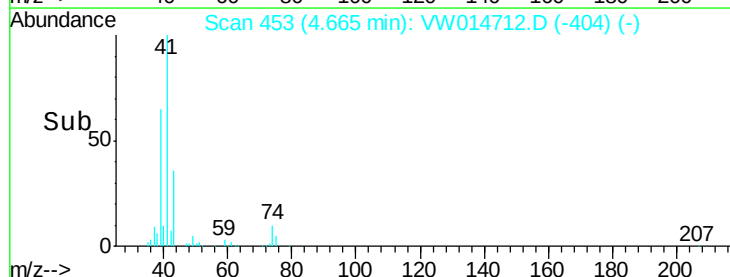
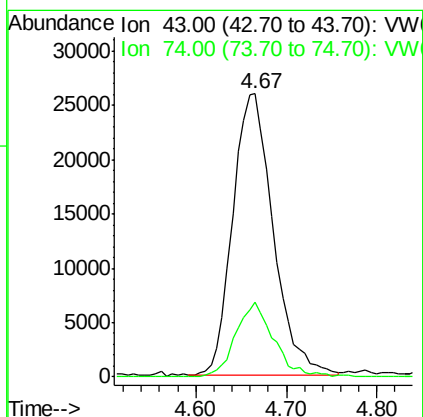
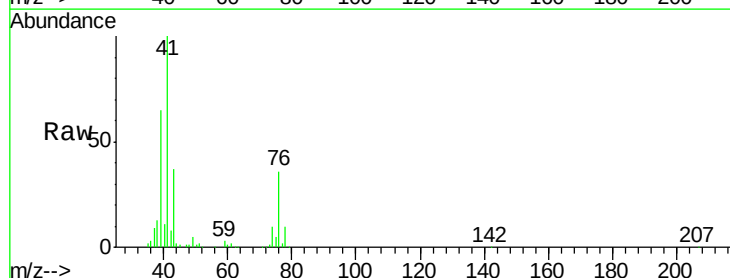
Acq: 22 Jan 2020 14:41

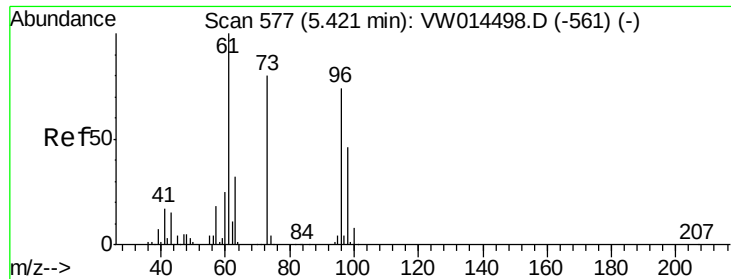
Tgt Ion: 43 Resp: 80165

Ion Ratio Lower Upper

43 100

74 25.0 19.3 28.9





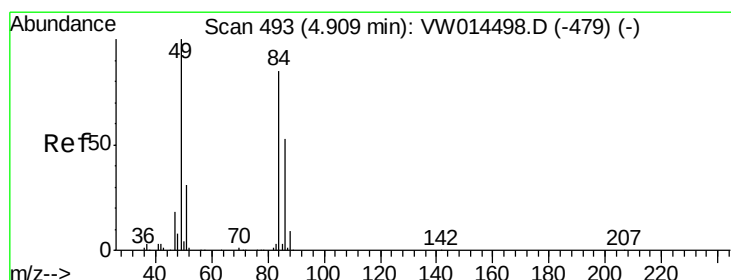
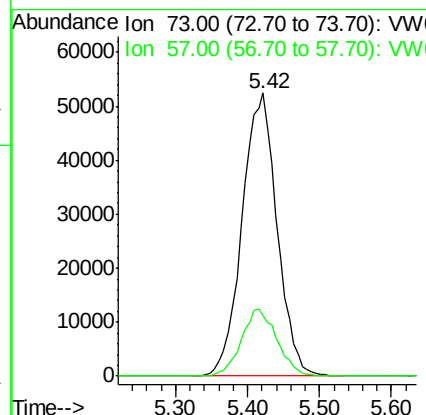
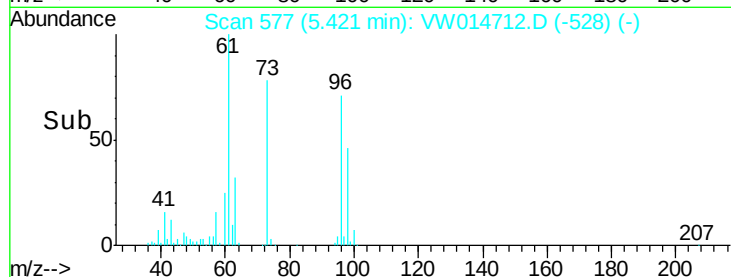
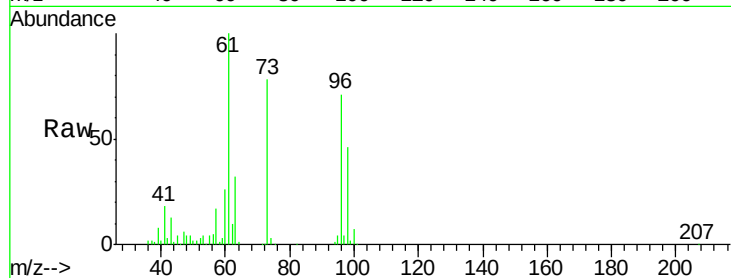
#19
Methyl tert-butyl Ether
Concen: 21.795 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	18.1	27.1

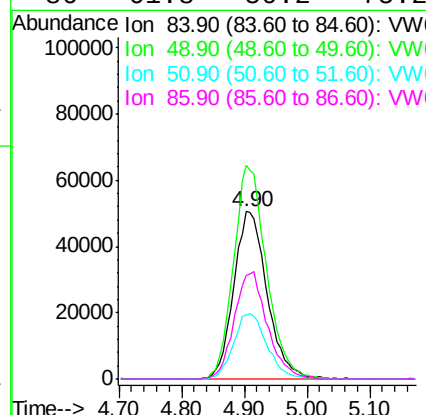
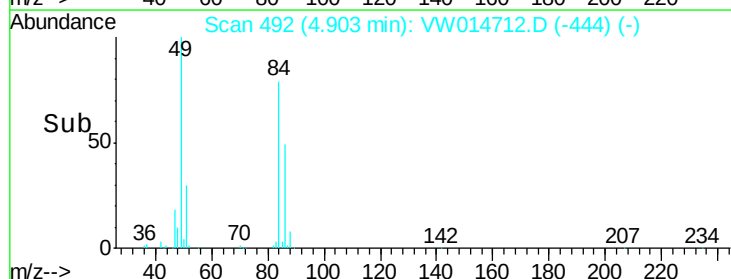
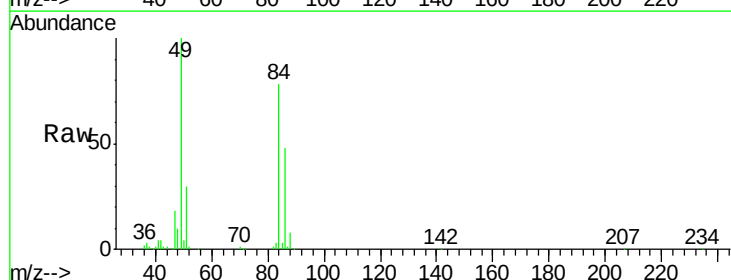
Manual Integrations
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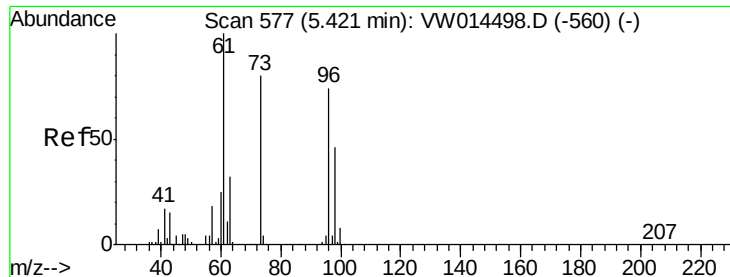
MMDadoda
1/23/2020 2:33:04 PM



#20
Methylene Chloride
Concen: 26.219 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.8	94.4	141.6
51	38.5	29.5	44.3
86	61.8	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 22.715 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

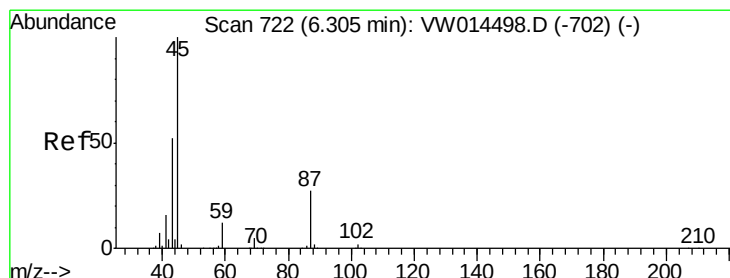
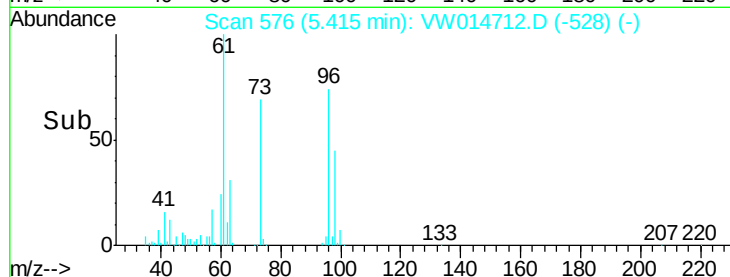
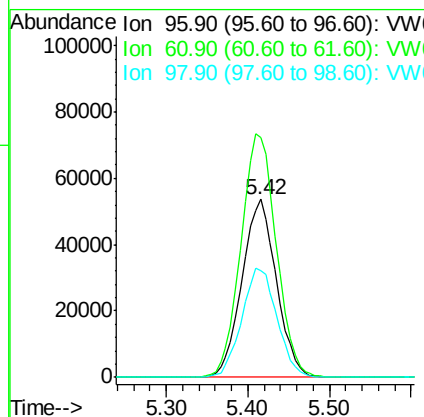
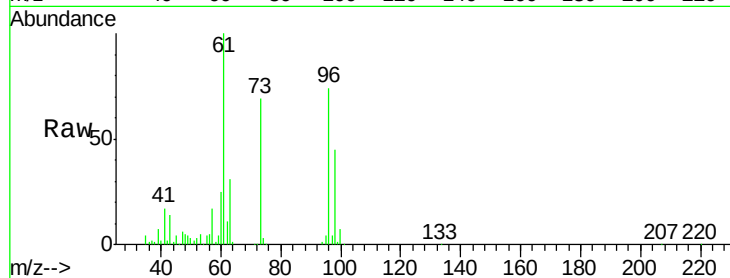
ClientSampleId :

VW0122SBS01

Tot Ion:	96	Resp:	157412
Ion	Ratio	Lower	Upper
96	100		
61	134.5	107.8	161.6
98	60.0	49.4	74.0

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#22

Diisopropyl ether

Concen: 23.529 ug/l

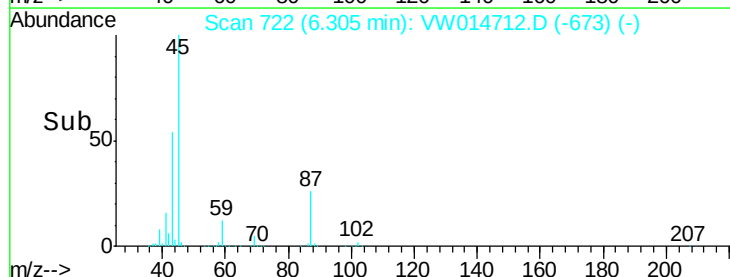
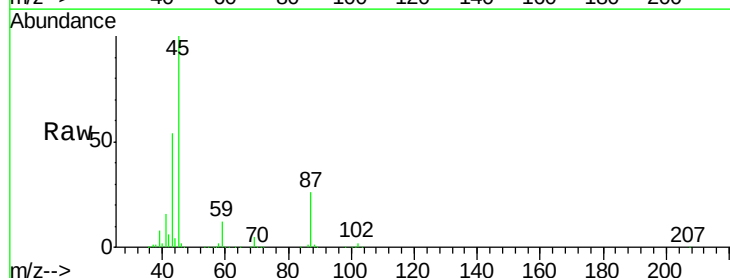
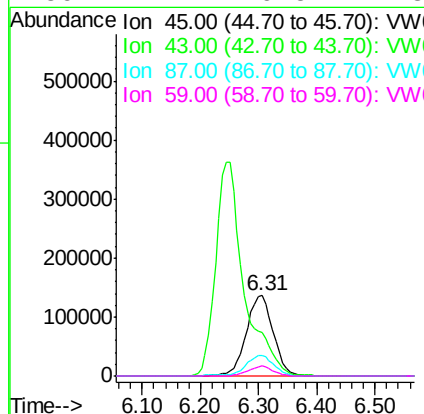
RT: 6.31 min Scan# 722

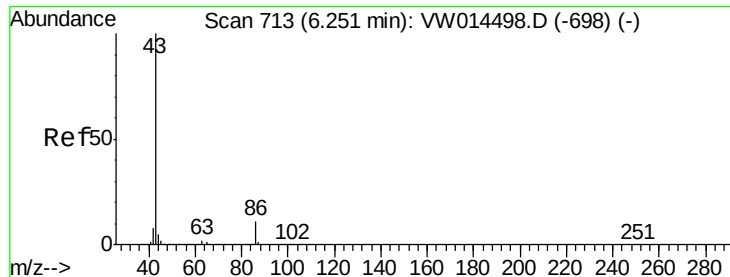
Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Tgt Ion:	45	Resp:	439232
Ion	Ratio	Lower	Upper
45	100		
43	53.6	41.4	62.0
87	26.2	22.2	33.2
59	12.2	9.5	14.3





#23

Vinyl Acetate

Concen: 108.095 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Tot Ion: 43 Resp: 1218518

Ion Ratio Lower Upper

43 100

86 10.0 8.8 13.2

Instrument :

MSVOA_W

ClientSampleId :

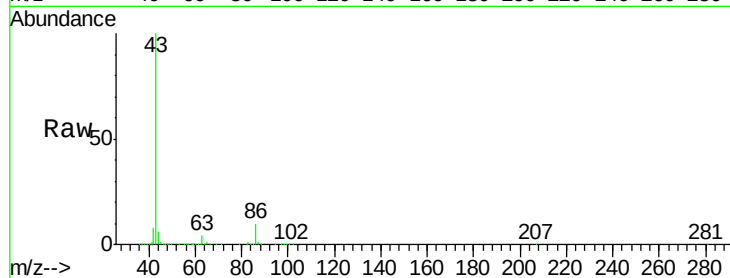
VW0122SBS01

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.24

400000

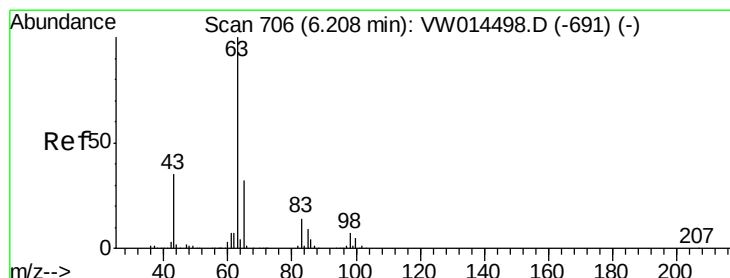
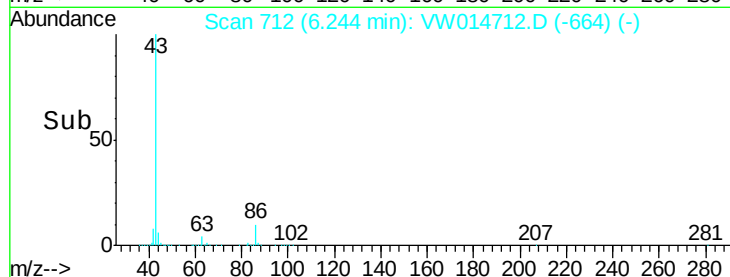
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 23.402 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

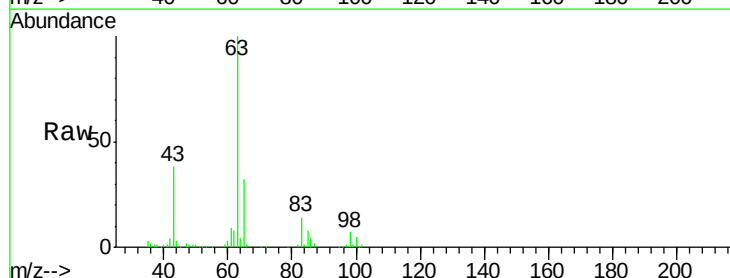
Tgt Ion: 63 Resp: 275562

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.4

100 4.7 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

120000

100000

80000

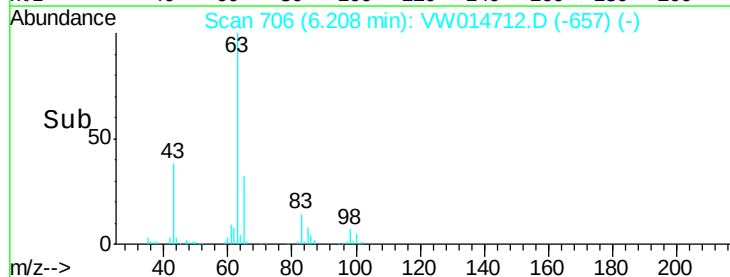
60000

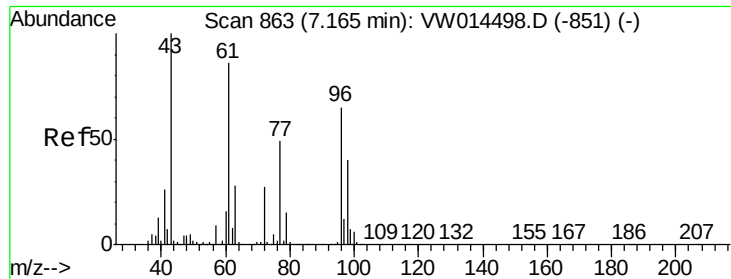
40000

20000

0

Time-->





#25

2-Butanone

Concen: 98.157 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampled :

VW0122SBS01

Tot Ion: 43 Resp: 203952

Ion Ratio Lower Upper

43 100

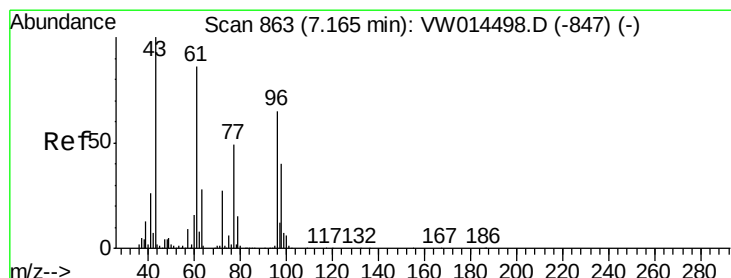
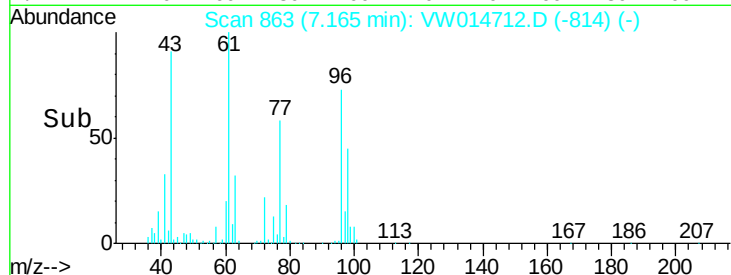
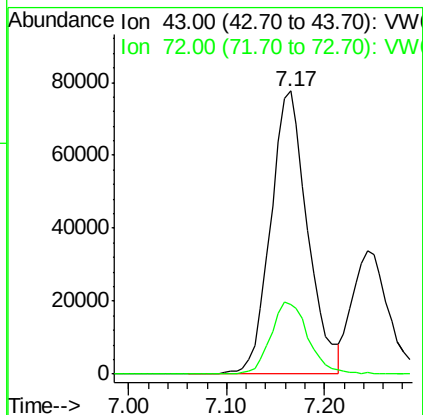
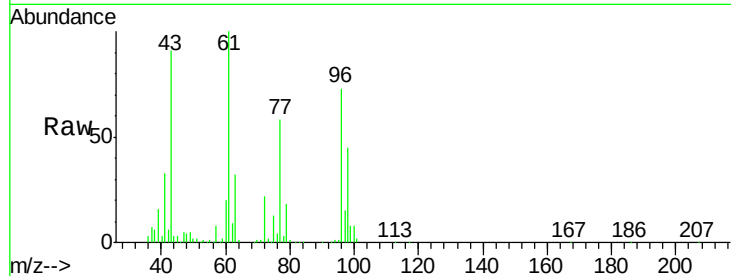
72 24.5 21.9 32.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 24.241 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014712.D

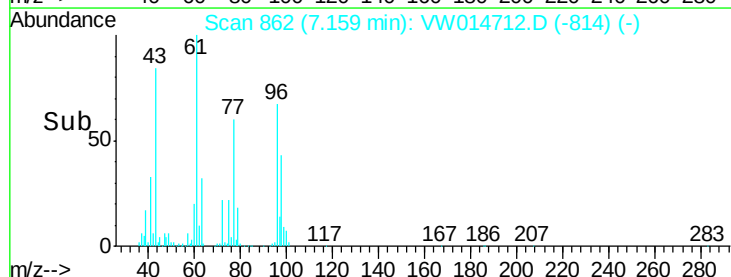
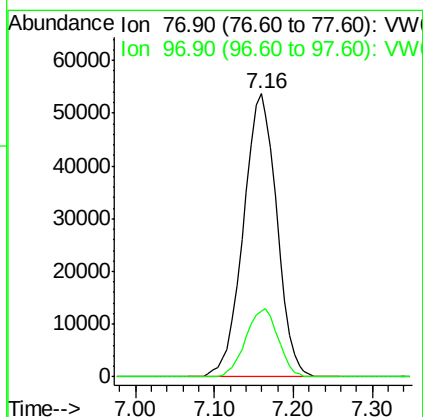
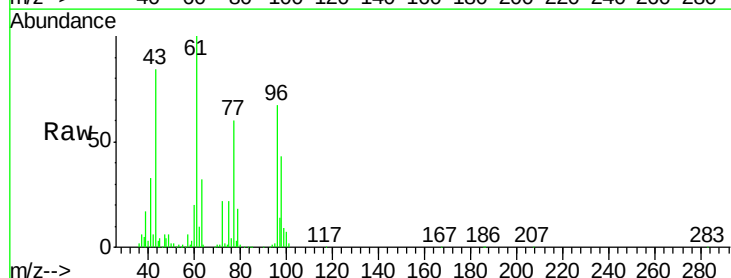
Acq: 22 Jan 2020 14:41

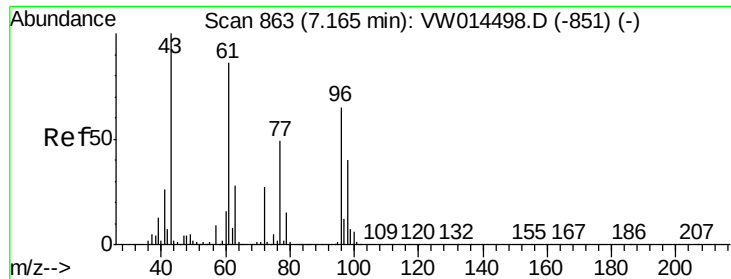
Tgt Ion: 77 Resp: 158036

Ion Ratio Lower Upper

77 100

97 23.5 12.5 37.5





#27

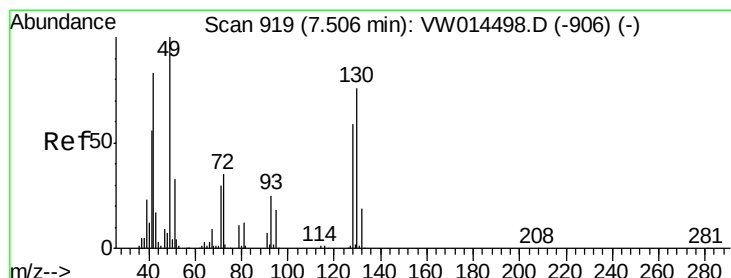
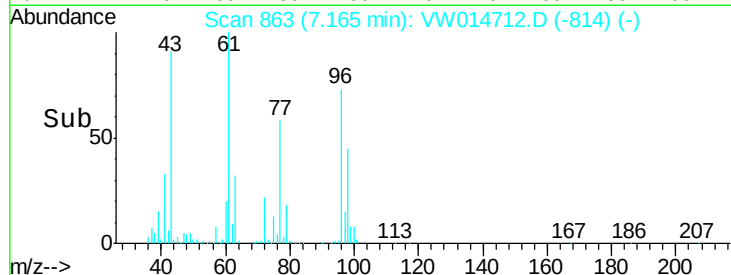
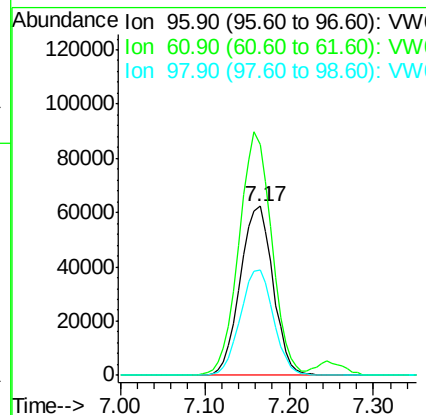
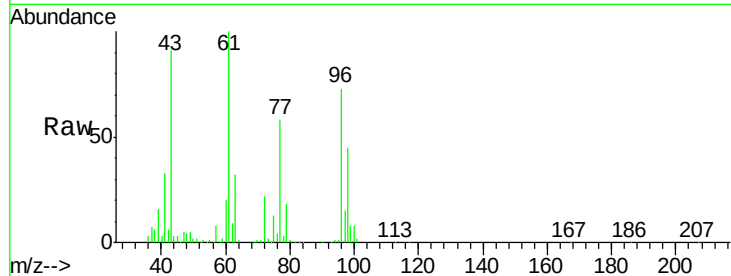
cis-1,2-Dichloroethene
Concen: 22.516 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	274.8
98	63.0	0.0	128.6

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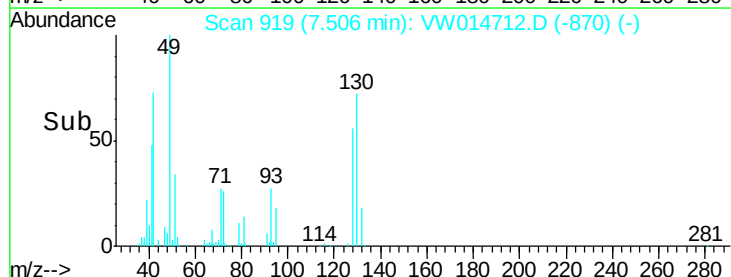
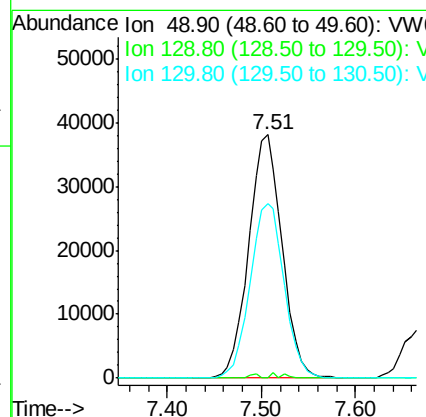
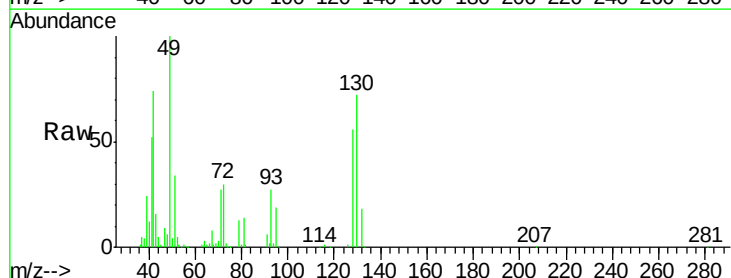
MMDadoda
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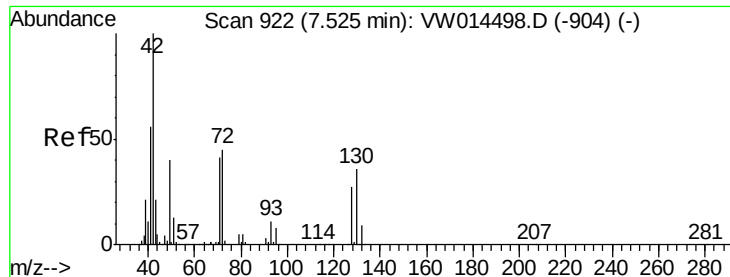


#28

Bromochloromethane
Concen: 20.505 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	2.0
130	73.3	62.5	93.7





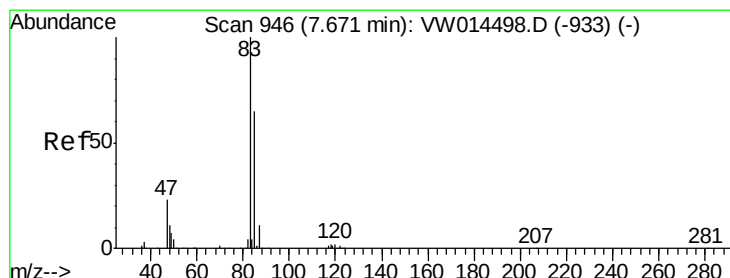
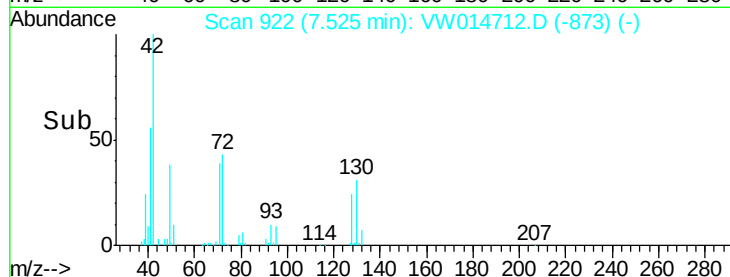
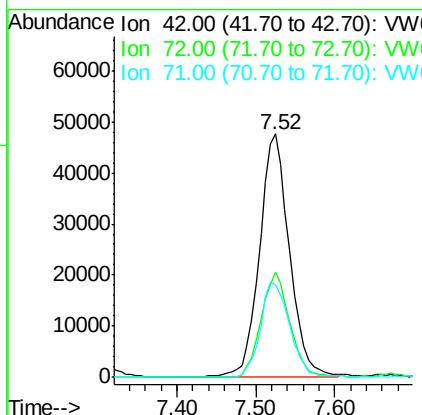
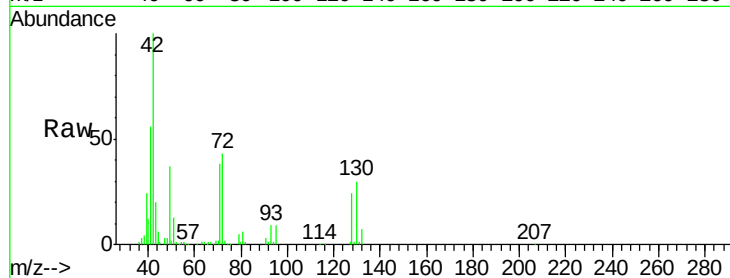
#29
Tetrahydrofuran
Concen: 97.506 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.5	34.5	51.7
71	38.5	32.0	48.0

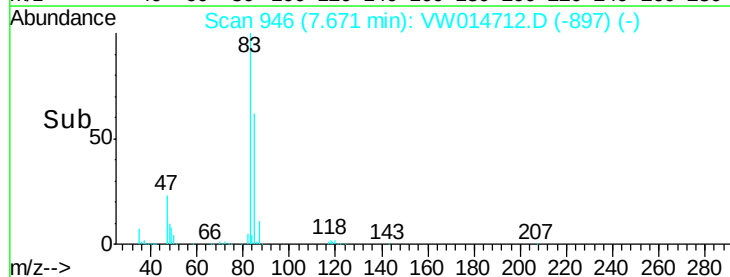
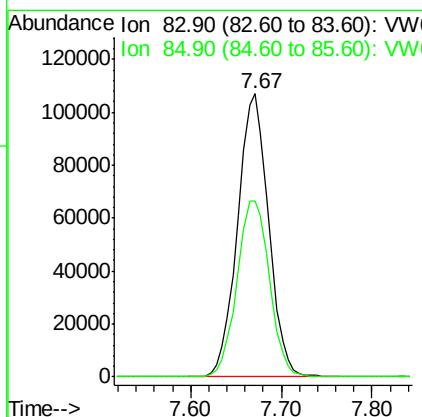
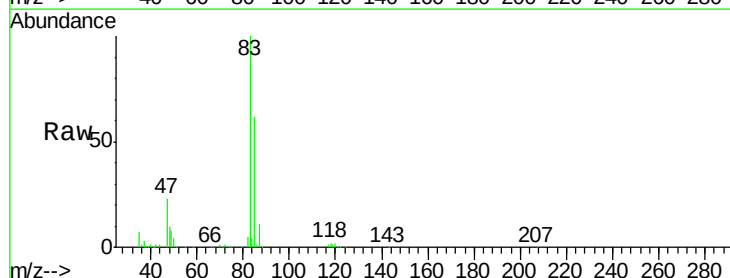
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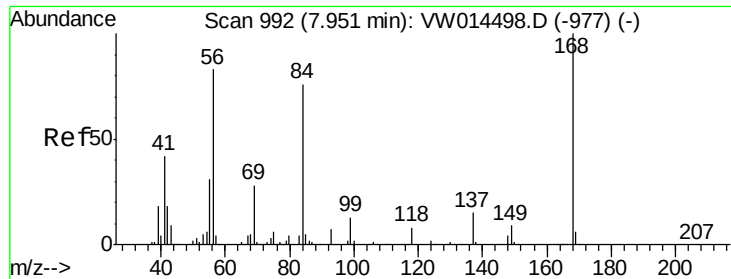
MMDadoda
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#30
Chloroform
Concen: 23.023 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	52.2	78.2





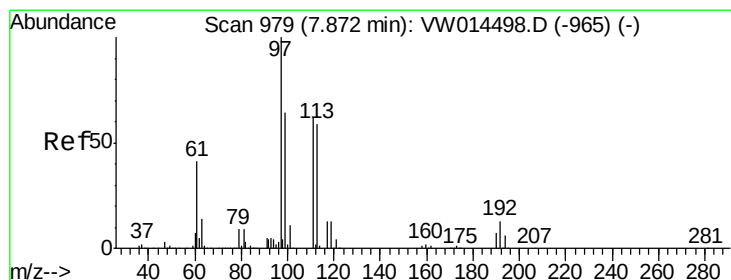
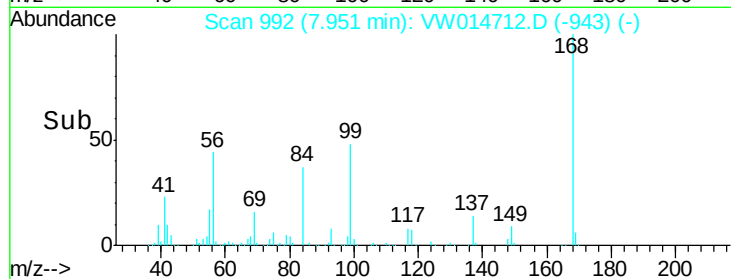
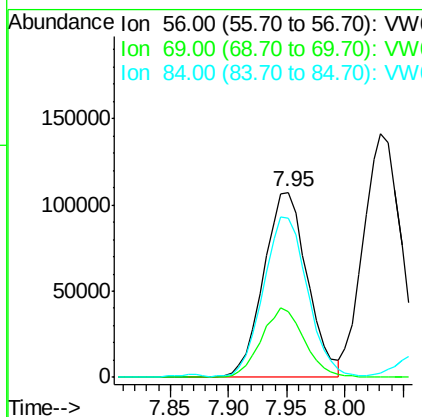
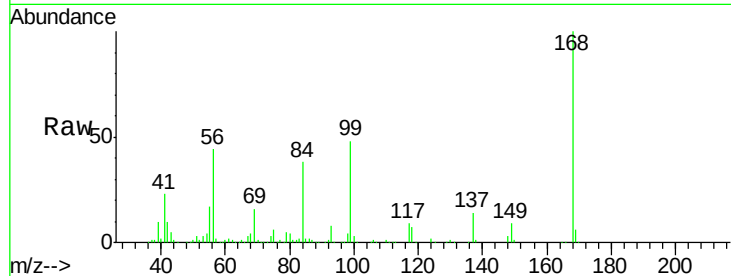
#31
Cyclohexane
Concen: 22.906 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.5	26.8	40.2
84	84.3	71.8	107.6

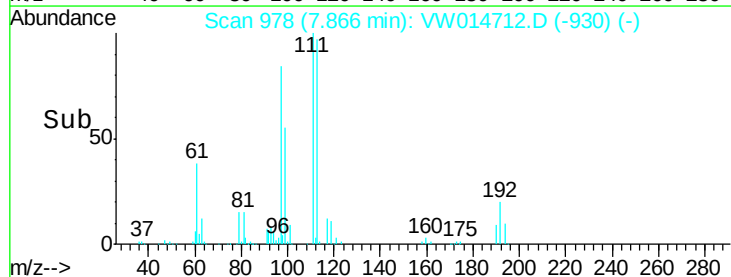
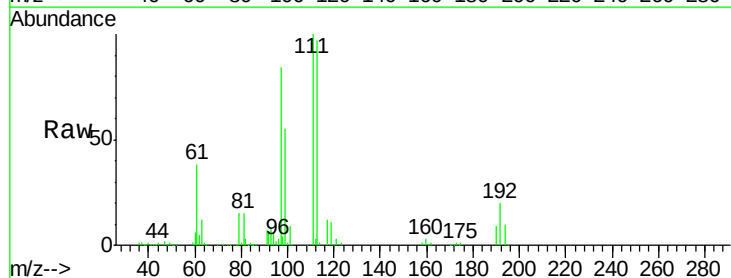
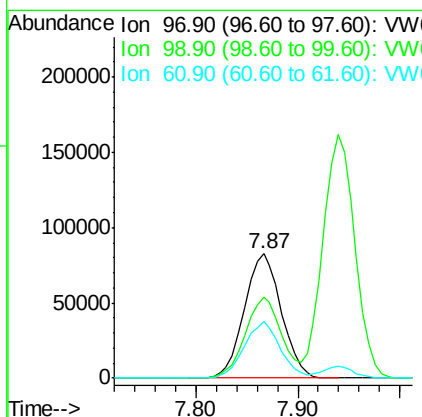
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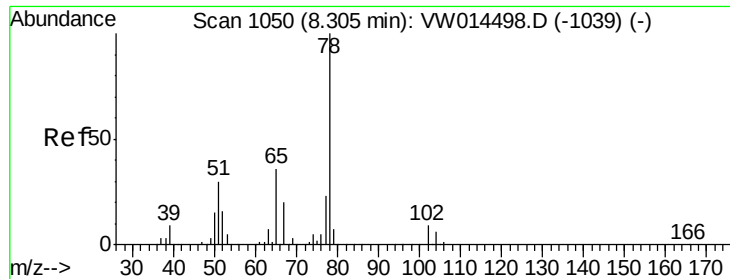
MMDadoda
1/23/2020 2:33:04 PM



#32
1,1,1-Trichloroethane
Concen: 23.516 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.6
61	44.0	33.8	50.8





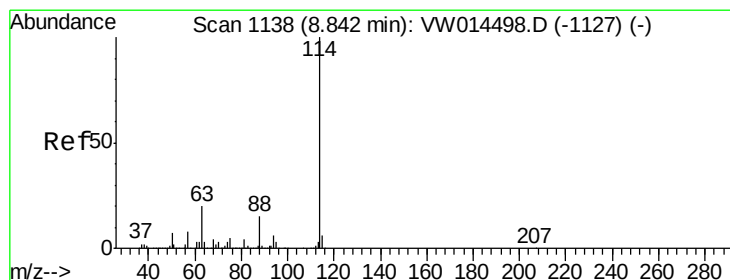
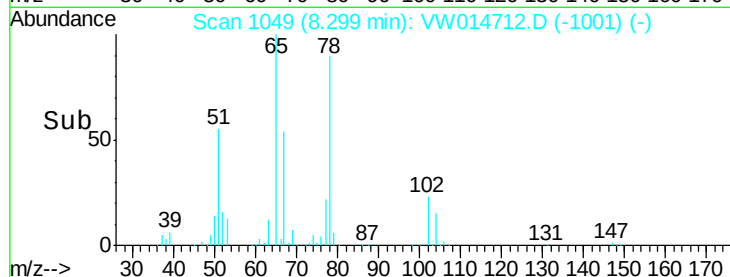
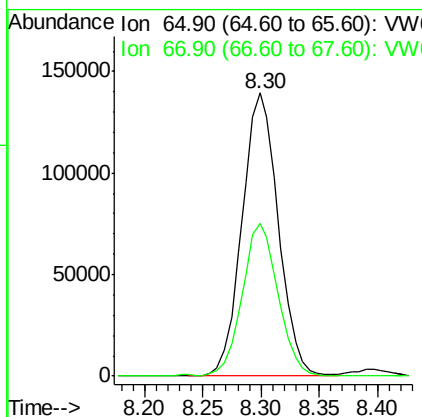
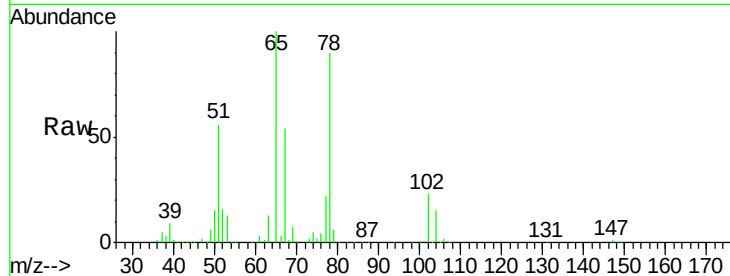
#33
 1,2-Dichloroethane-d4
 Concen: 52.699 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	108.4	

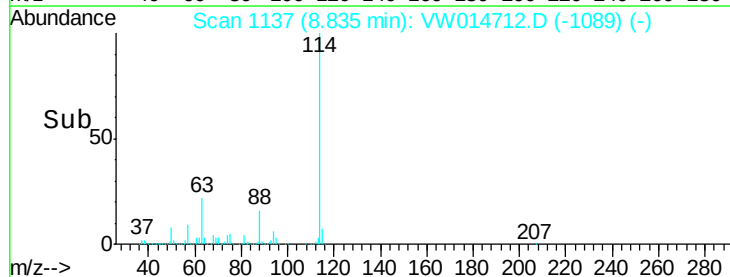
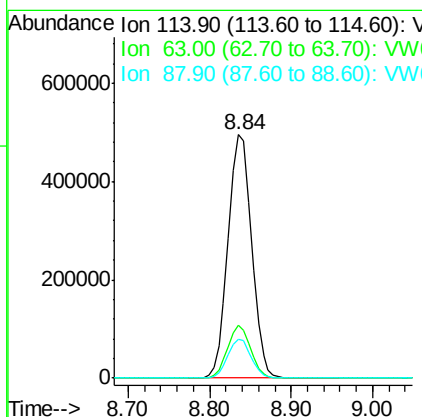
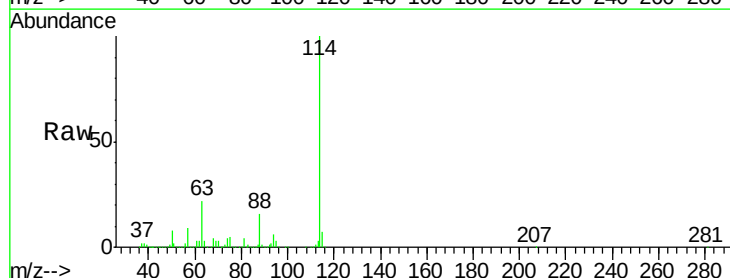
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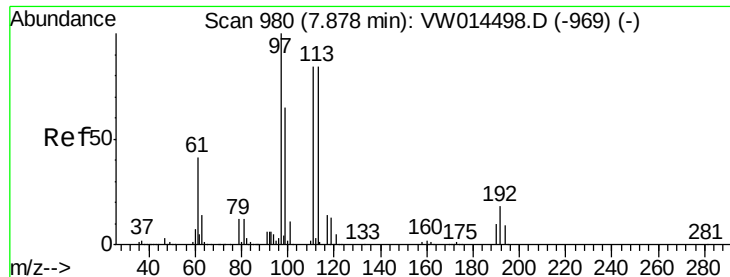
MMDadoda
 1/23/2020 2:33:04 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.5	0.0	40.4	
88	15.8	0.0	30.6	





#35

Dibromofluoromethane

Concen: 52.606 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

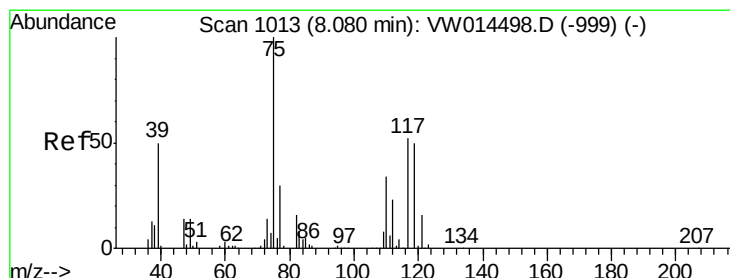
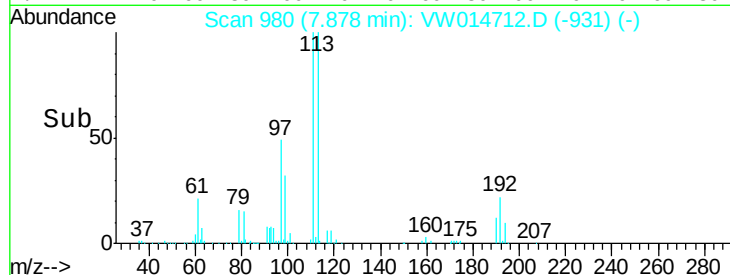
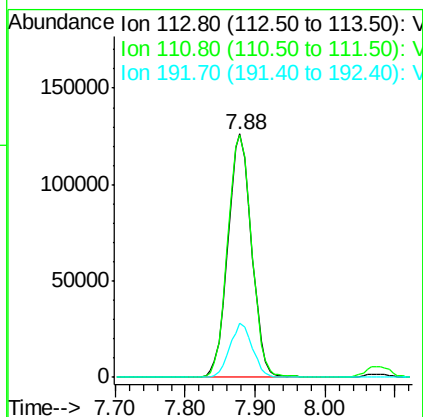
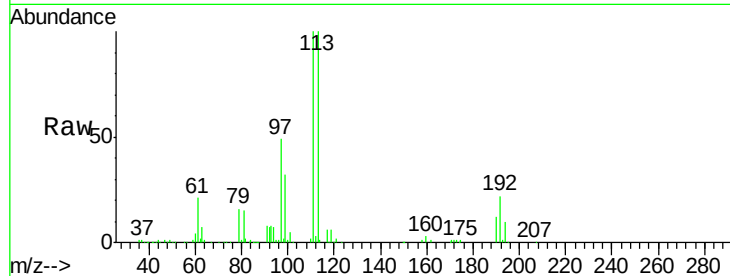
ClientSampleId :

VW0122SBS01

Tot Ion:	113	Resp:	296457
Ion Ratio	Lower	Upper	
113	100		
111	101.1	81.4	122.2
192	21.3	17.8	26.8

Manual Integrations
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1/23/2020 2:33:04 PM



#36

1,1-Dichloropropene

Concen: 23.469 ug/l

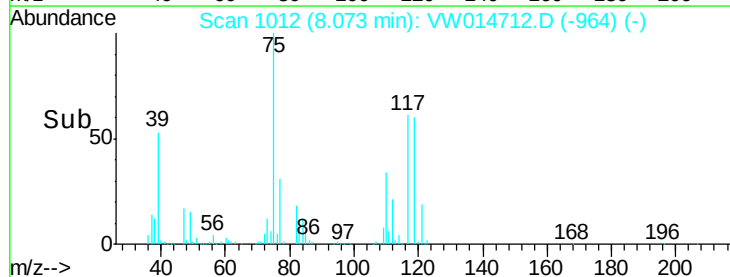
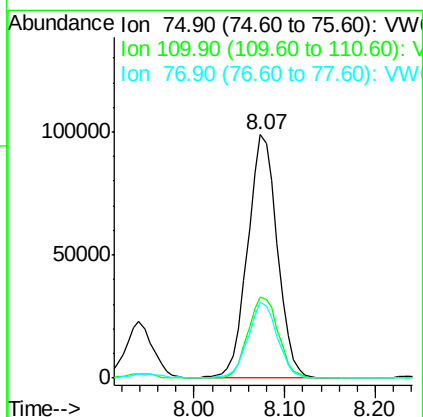
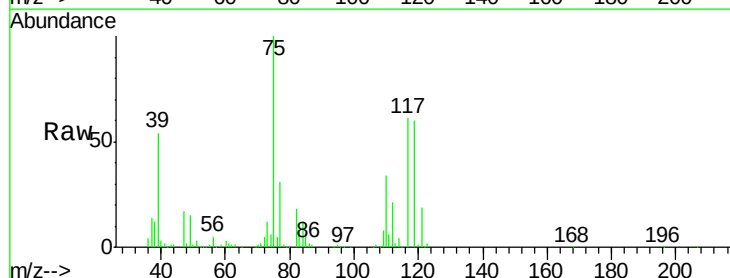
RT: 8.07 min Scan# 1012

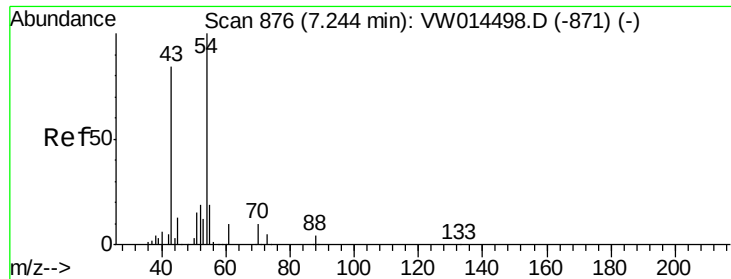
Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Tgt Ion:	75	Resp:	223099
Ion Ratio	Lower	Upper	
75	100		
110	34.3	17.8	53.5
77	31.1	24.7	37.1





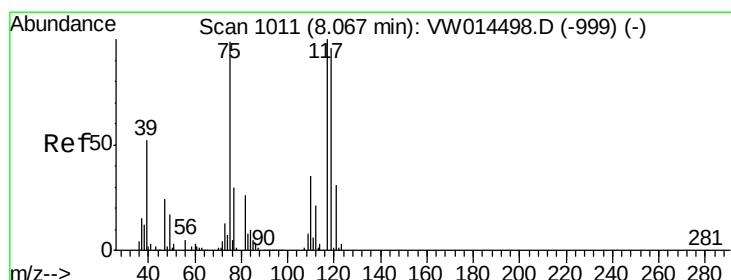
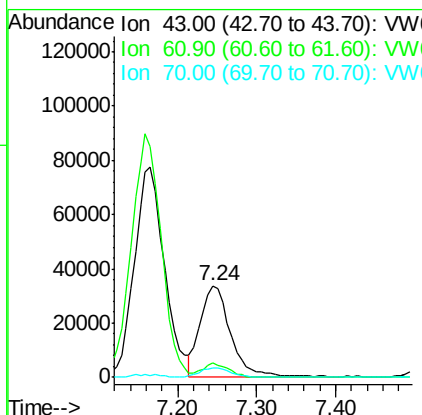
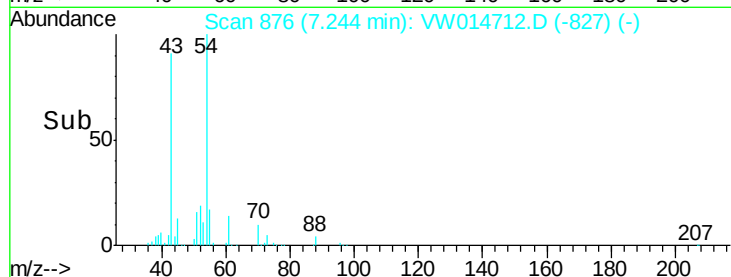
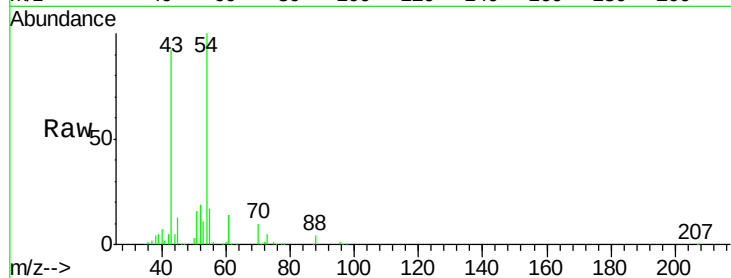
#37
Ethyl Acetate
Concen: 20.653 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.7	17.5
70	11.0	9.0	13.6

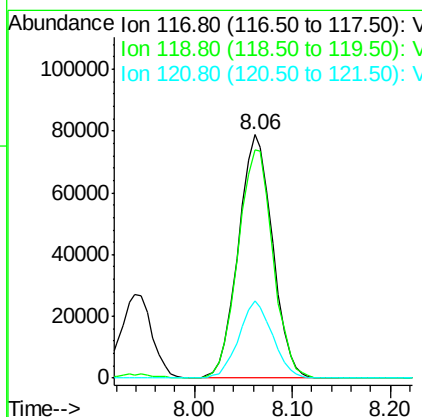
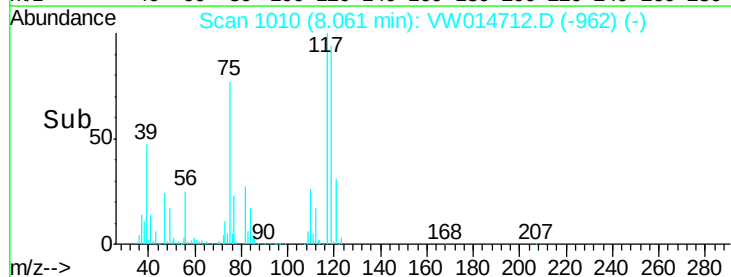
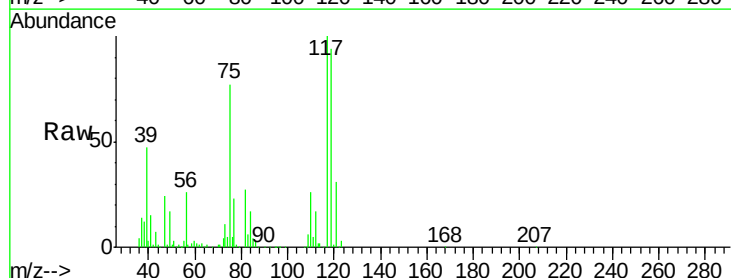
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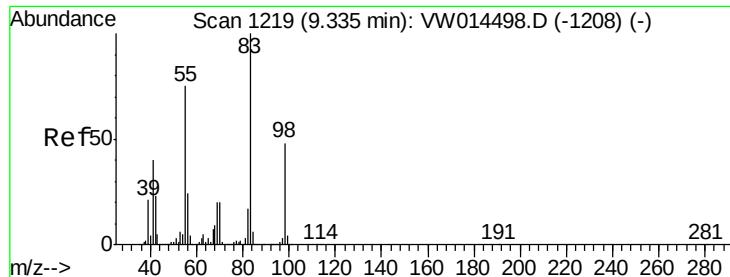
MMDadoda
1/23/2020 2:33:04 PM



#38
Carbon Tetrachloride
Concen: 23.163 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	77.0	115.6
121	31.5	24.6	36.8





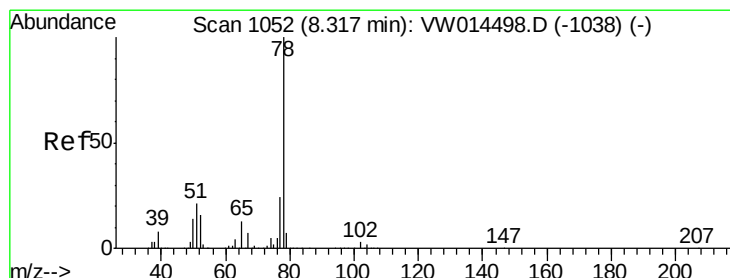
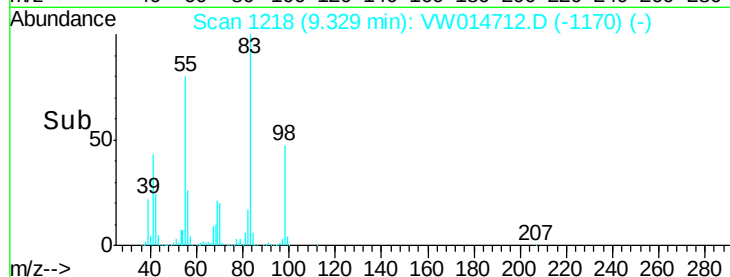
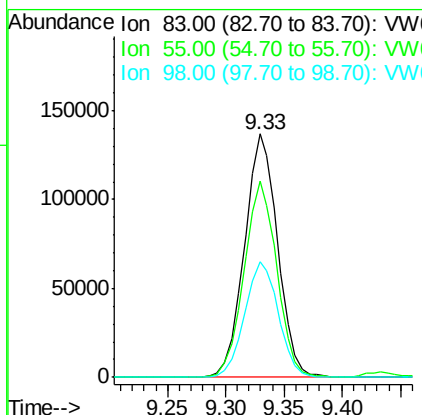
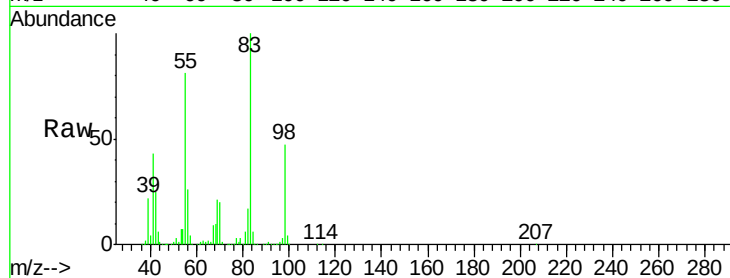
#39
Methylvlcyclohexane
Concen: 22.292 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.5	60.1	90.1
98	47.3	38.8	58.2

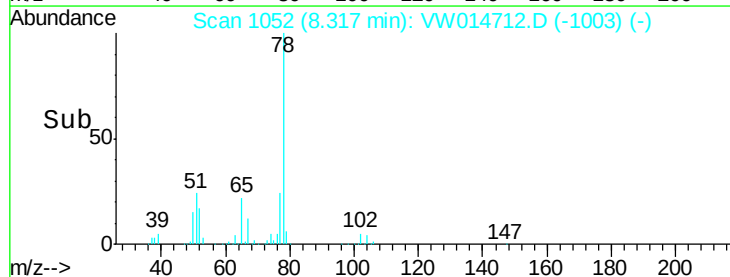
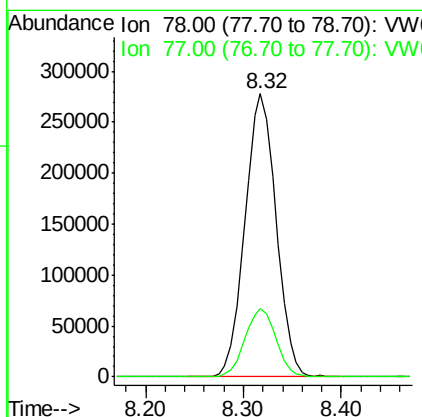
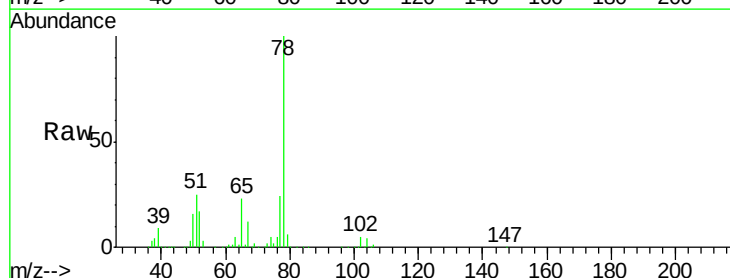
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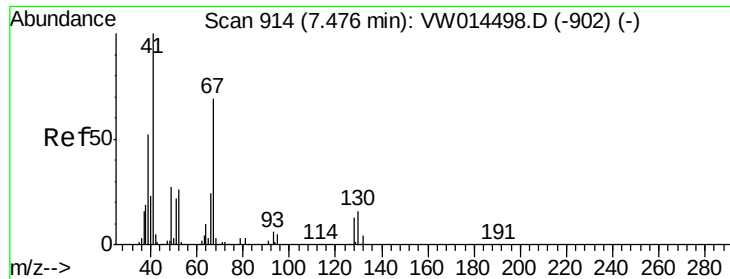
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#40
Benzene
Concen: 22.860 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9





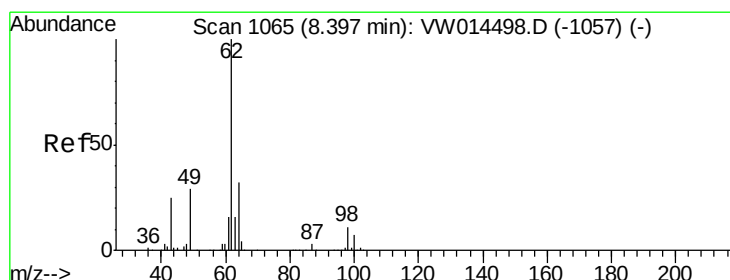
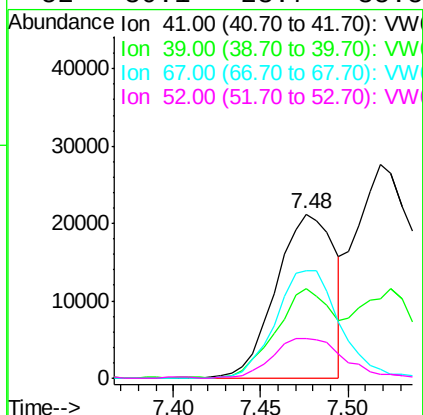
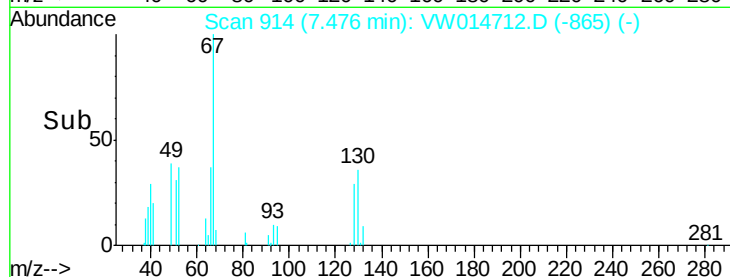
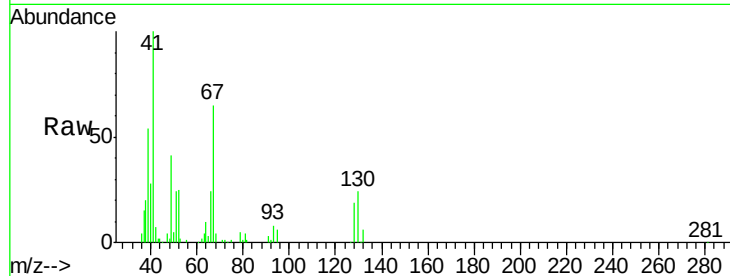
#41
Methacrylonitrile
Concen: 20.634 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	51.7	46.0	69.0
67	73.2	60.8	91.2
52	30.1	23.7	35.5

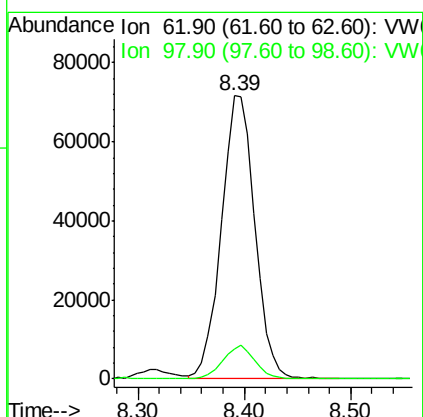
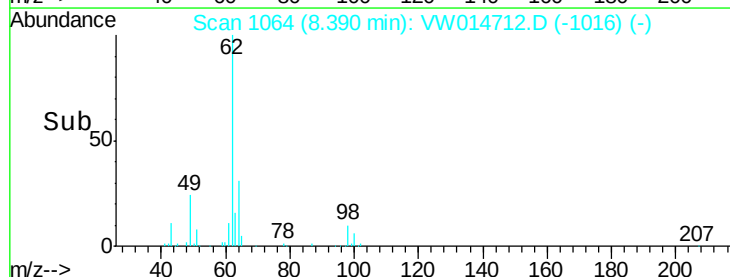
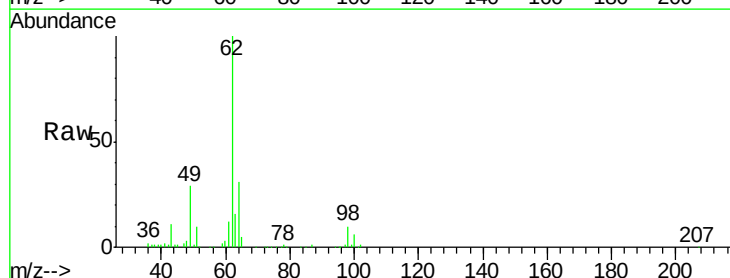
Manual Integrations
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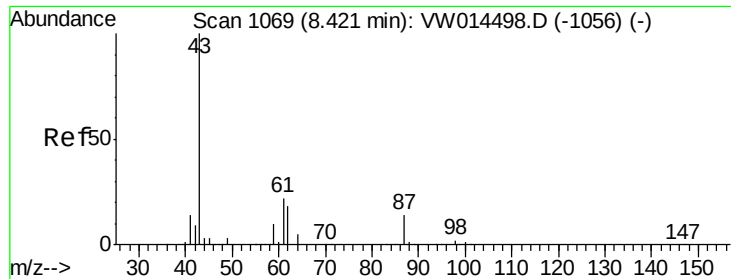
MMDadoda
1/23/2020 2:33:04 PM



#42
1,2-Dichloroethane
Concen: 22.503 ug/l
RT: 8.39 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.0





#43

Isopropyl Acetate

Concen: 20.368 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

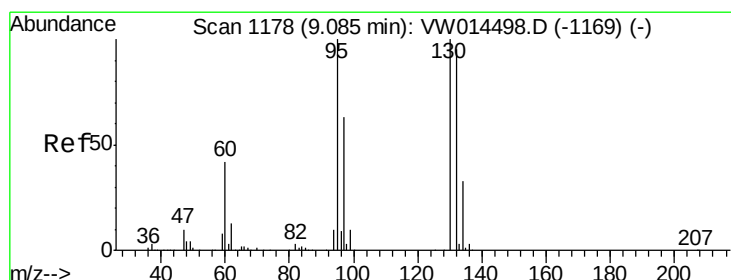
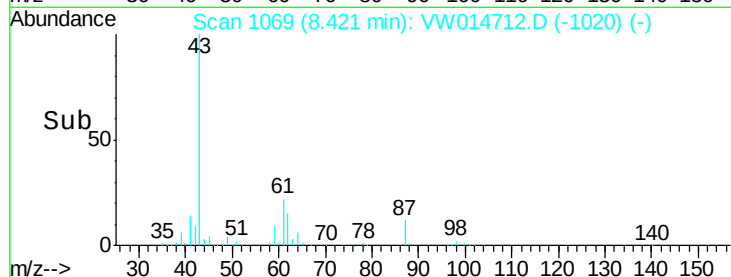
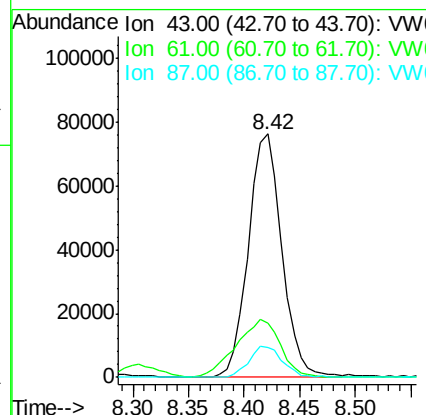
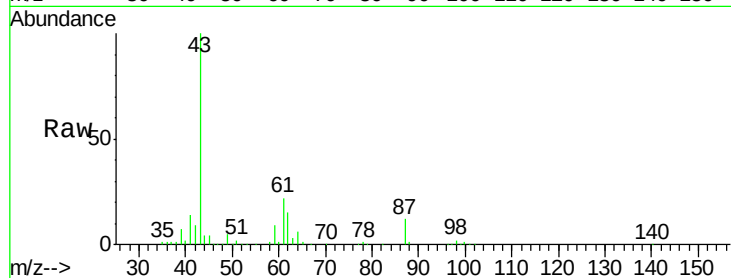
ClientSampleId :

VW0122SBS01

Tot Ion:	43	Resp:	159459
Ion	Ratio	Lower	Upper
43	100		
61	30.7	24.7	37.1
87	12.9	11.1	16.7

Manual Integrations
APPROVED

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1/23/2020 2:33:04 PM



#44

Trichloroethene

Concen: 22.114 ug/l

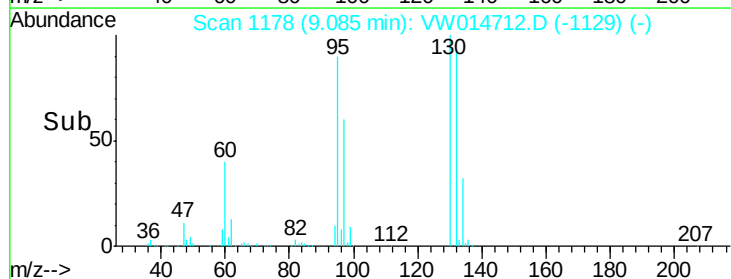
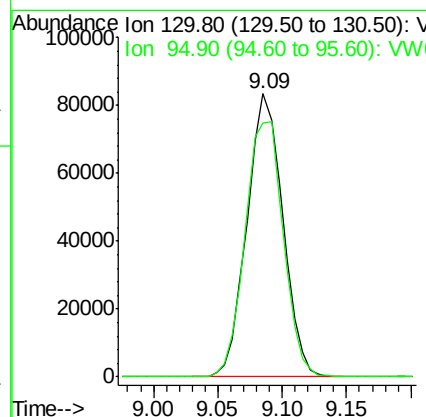
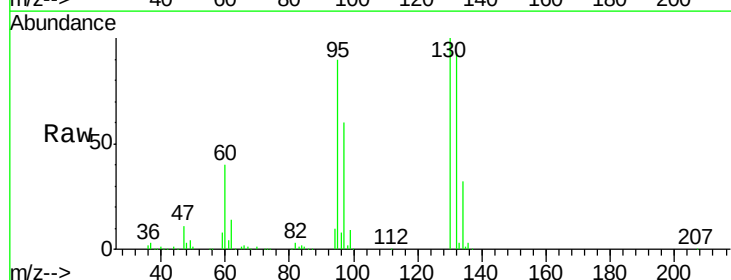
RT: 9.09 min Scan# 1178

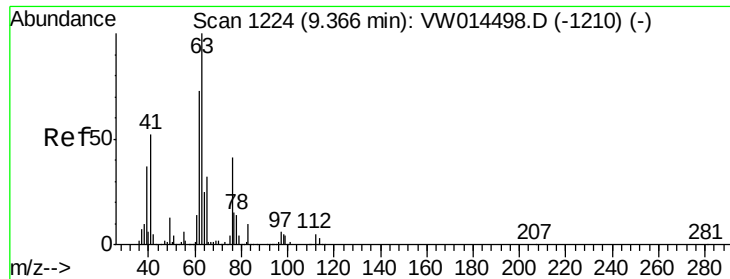
Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Tgt Ion:	130	Resp:	160938
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	199.4





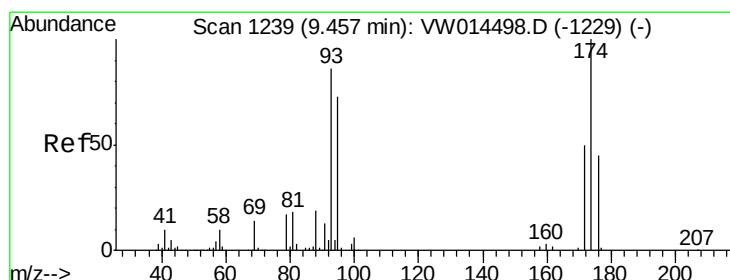
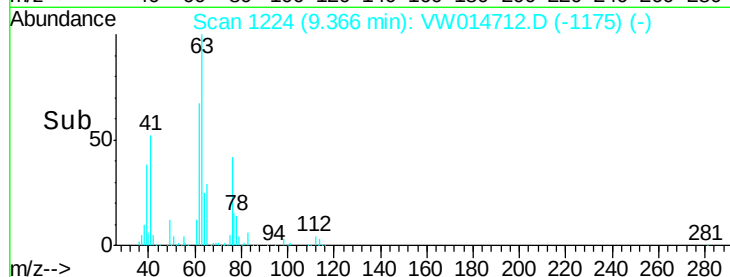
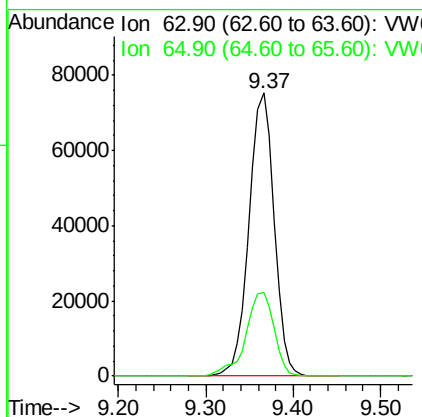
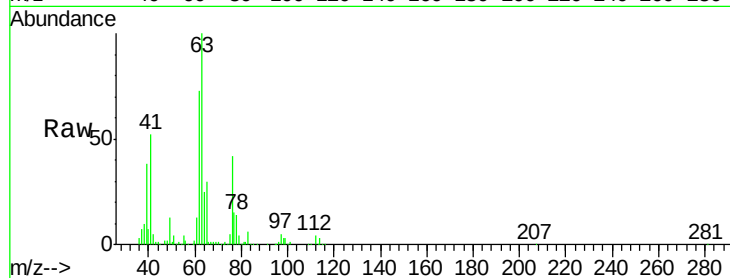
#45
 1,2-Dichloropropane
 Concen: 22.854 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion: 63 Resp: 150835
 Ion Ratio Lower Upper
 63 100
 65 29.5 25.6 38.4

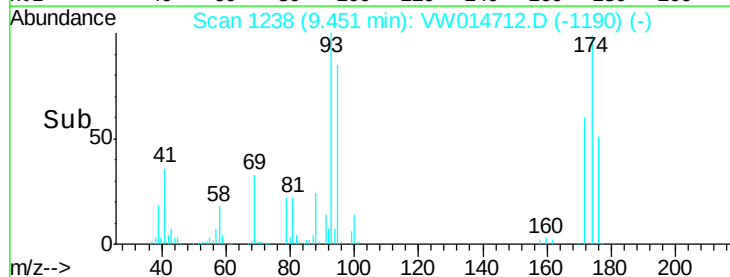
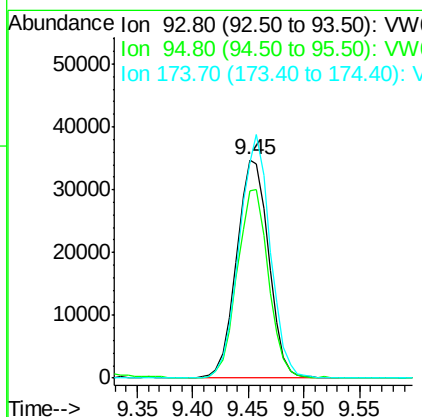
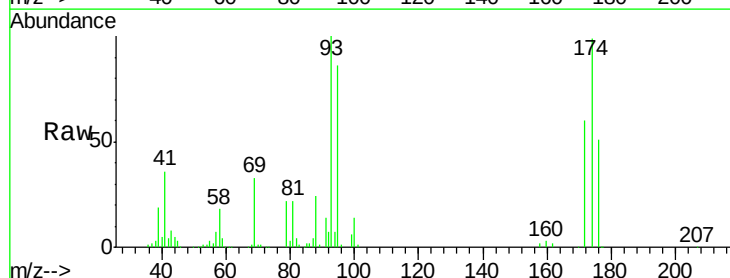
Manual Integrations
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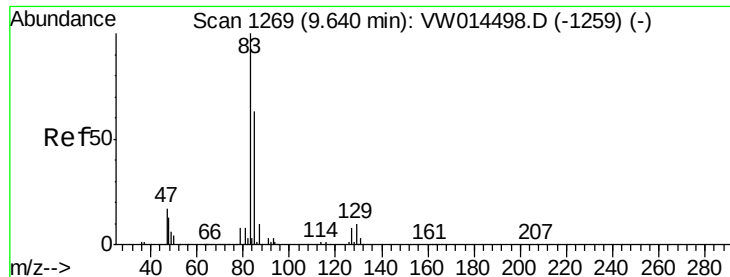
MMDadoda
 1/23/2020 2:33:04 PM



#46
 Dibromomethane
 Concen: 21.400 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion: 93 Resp: 69725
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.4 99.6
 174 107.2 89.1 133.7





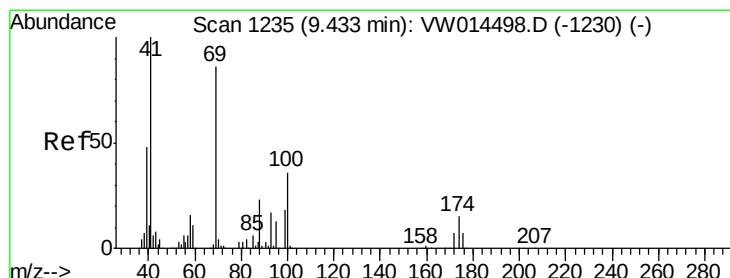
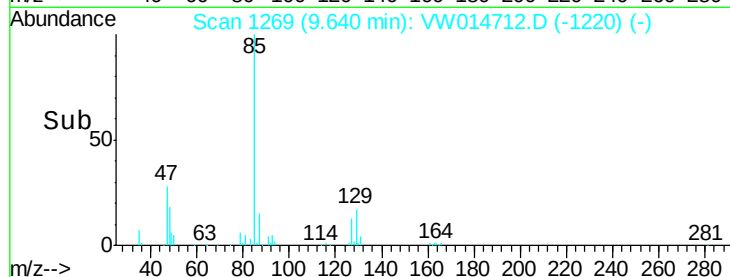
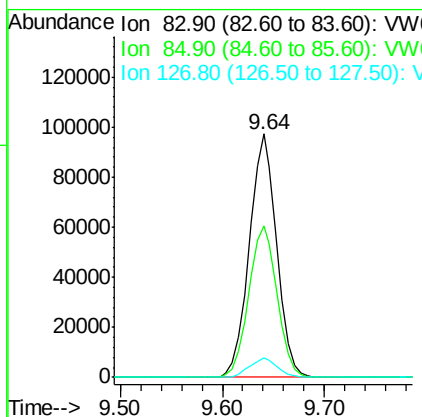
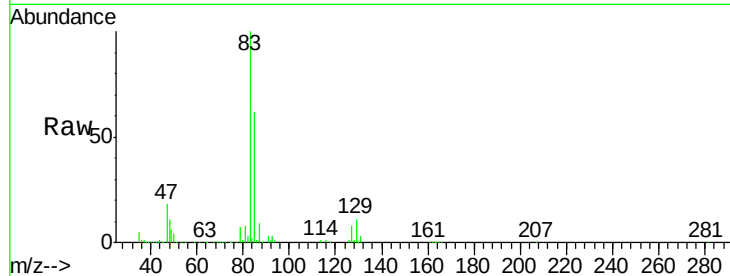
#47
Bromodichloromethane
Concen: 22.527 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.2	50.6	76.0
127	8.3	6.6	9.8

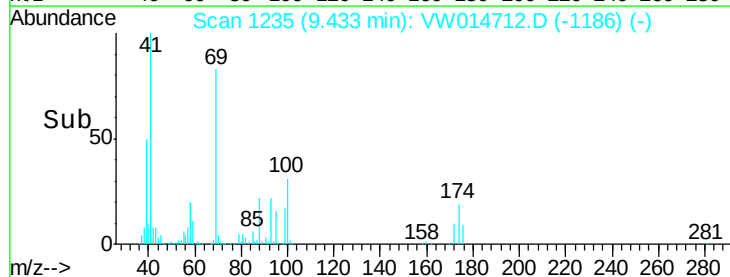
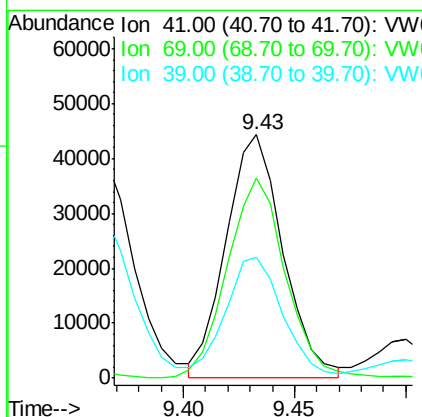
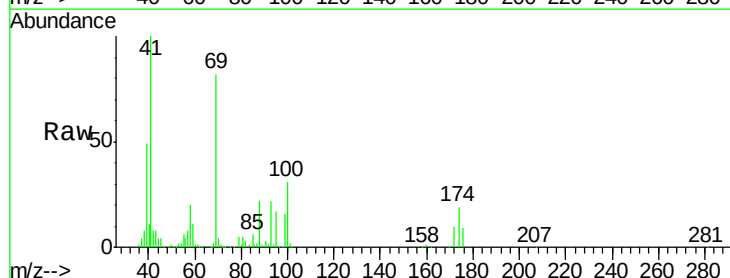
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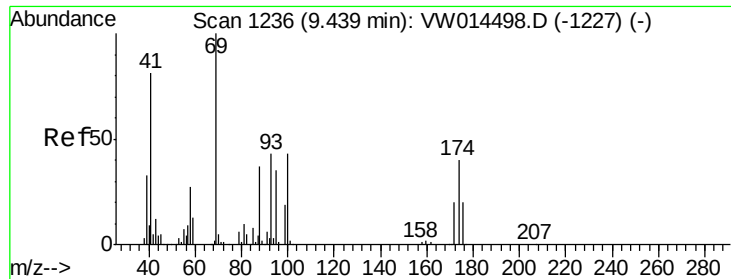
MMDadoda
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#48
Methyl methacrylate
Concen: 20.547 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
41	100		
69	85.6	68.3	102.5
39	46.6	36.8	55.2





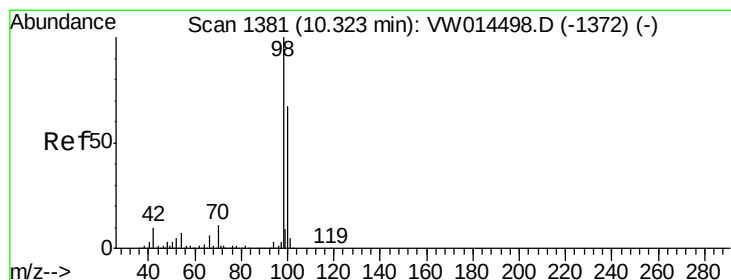
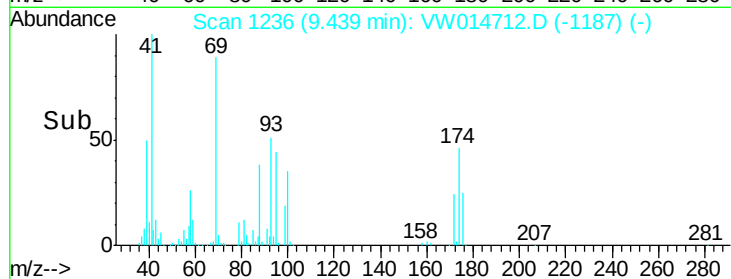
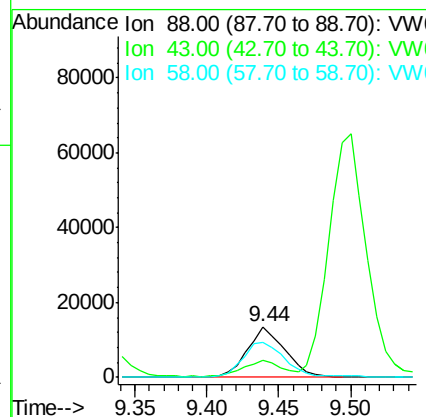
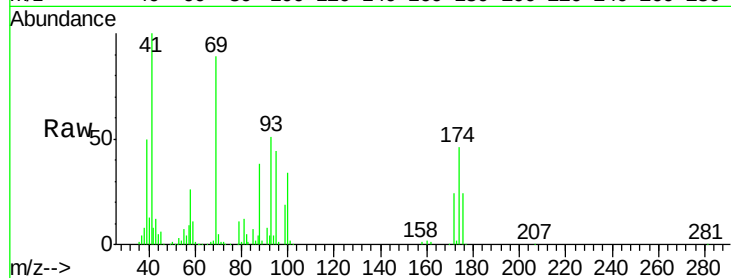
#49
1,4-Dioxane
Concen: 398.972 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	88	Resp	24313
Ion	Ratio	Lower	Upper
88	100		
43	34.1	24.9	37.3
58	78.1	56.9	85.3

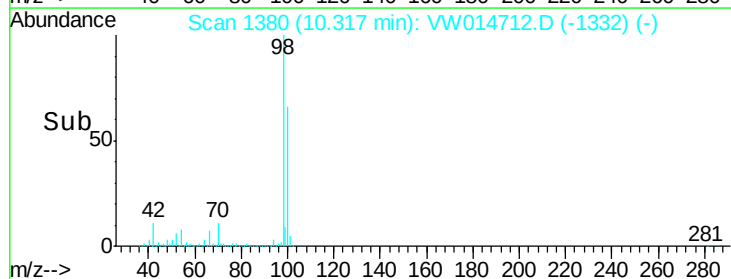
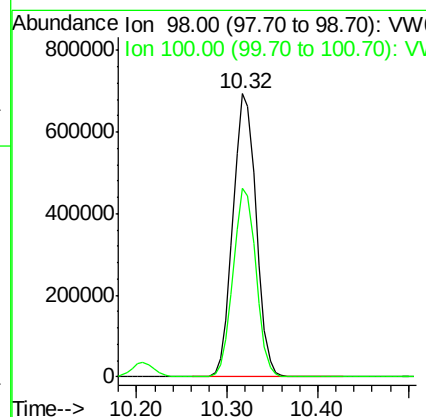
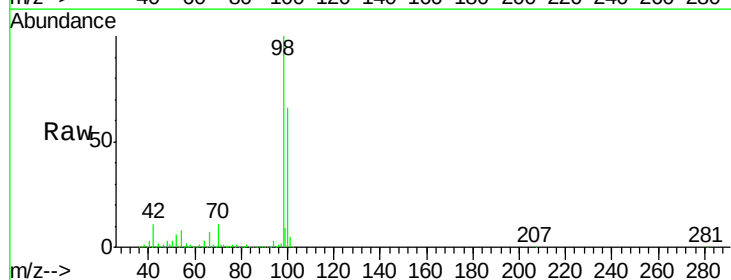
Manual Integrations
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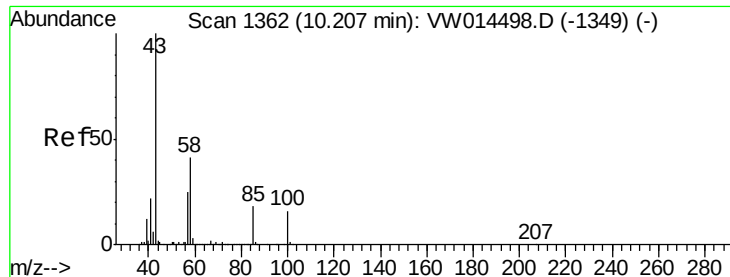
MMDadoda
1/23/2020 2:33:04 PM



#50
Toluene-d8
Concen: 52.431 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	98	Resp	1233076
Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.8	80.6





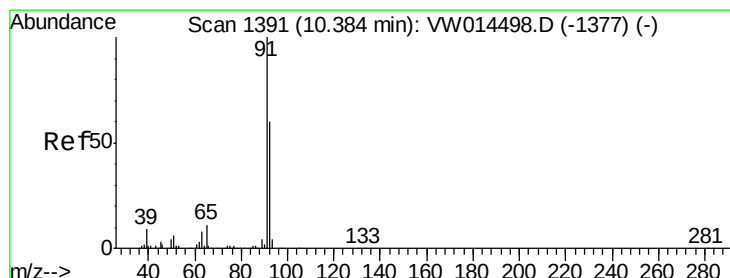
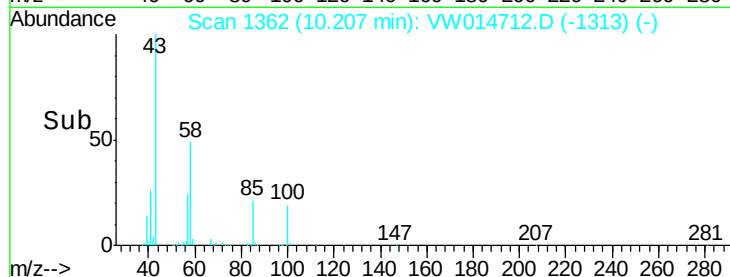
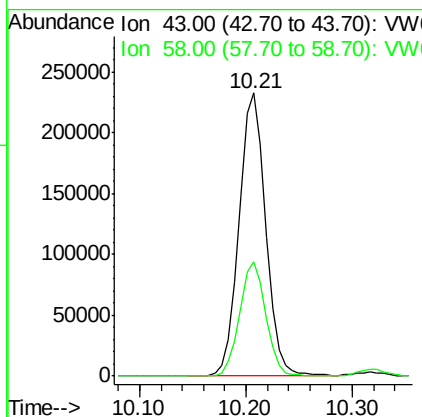
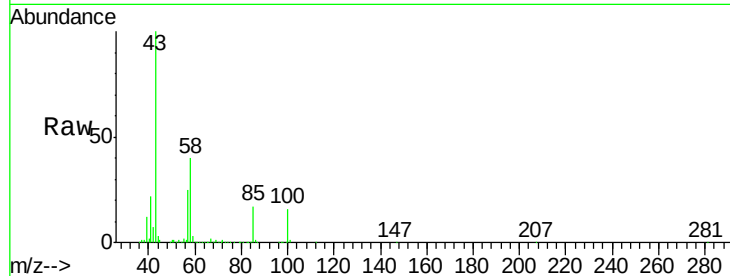
#51
4-Methyl-2-Pentanone
Concen: 100.709 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	43	Resp	409430
Ion Ratio	100	Lower	Upper
43	100		
58	39.8	32.7	49.1

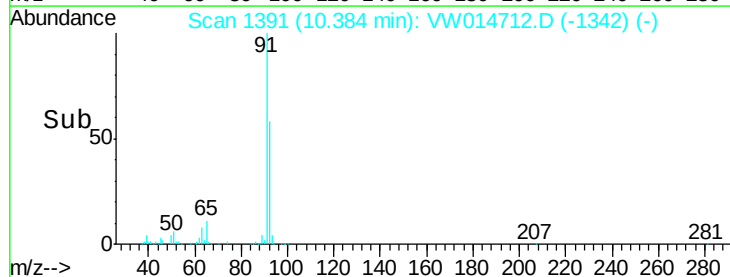
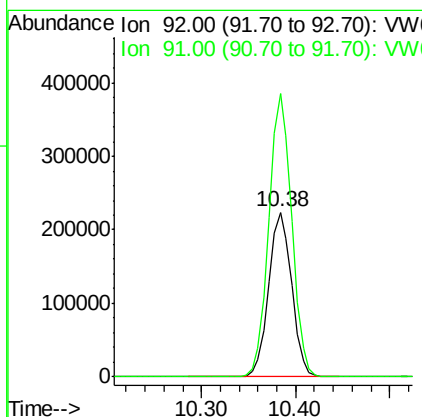
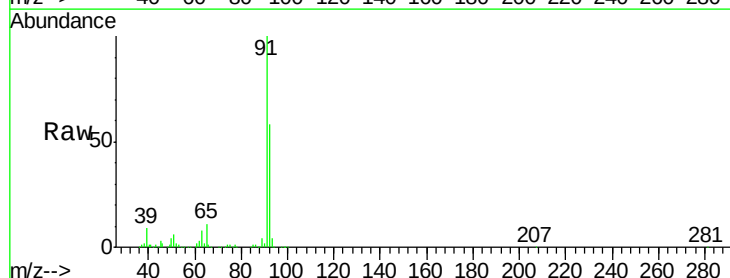
Manual Integrations
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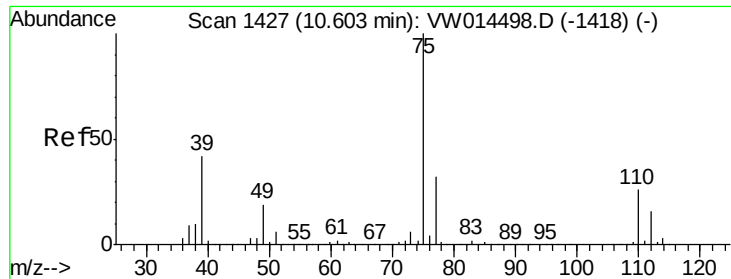
MMDadoda
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#52
Toluene
Concen: 22.715 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	92	Resp	384352
Ion Ratio	100	Lower	Upper
92	100		
91	170.8	134.1	201.1





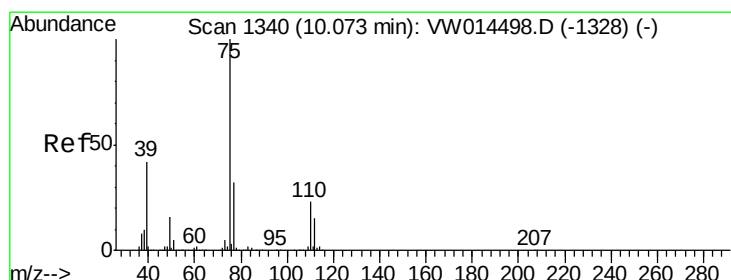
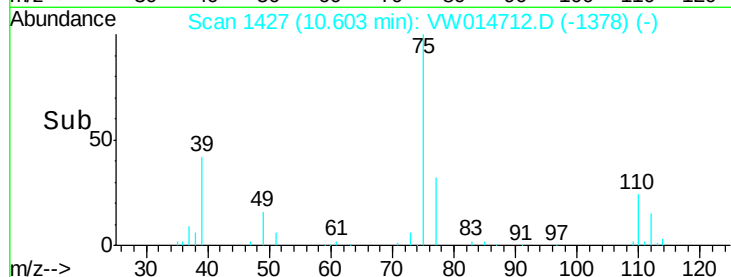
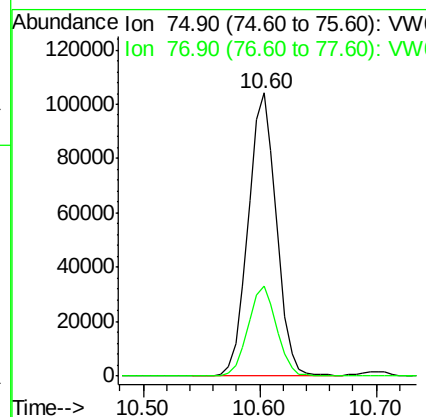
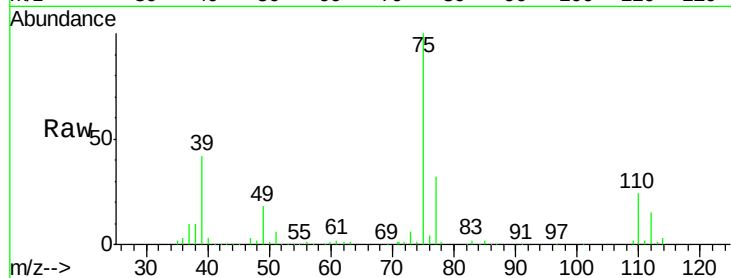
#53
t-1,3-Dichloropropene
Concen: 21.125 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

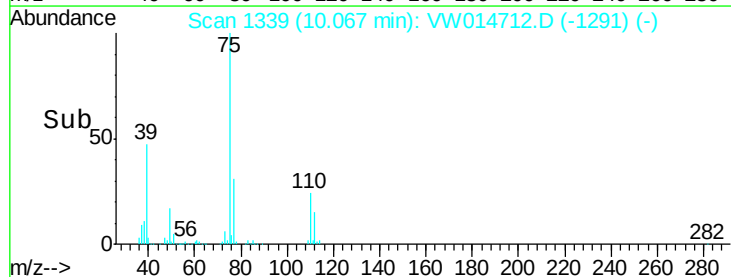
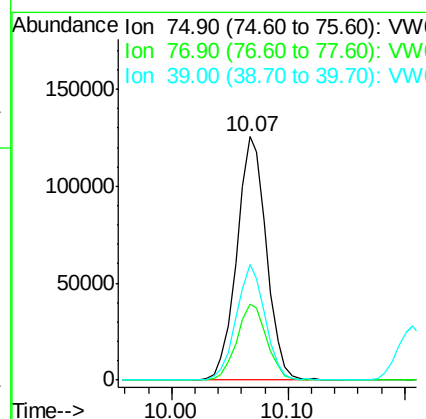
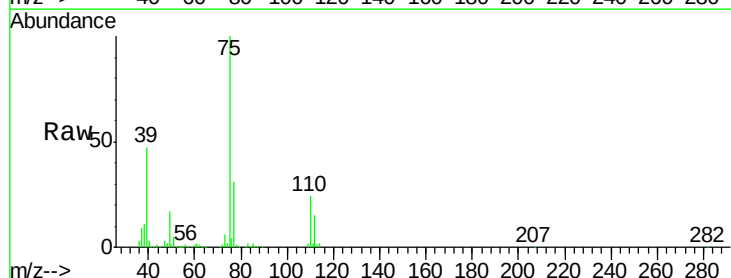
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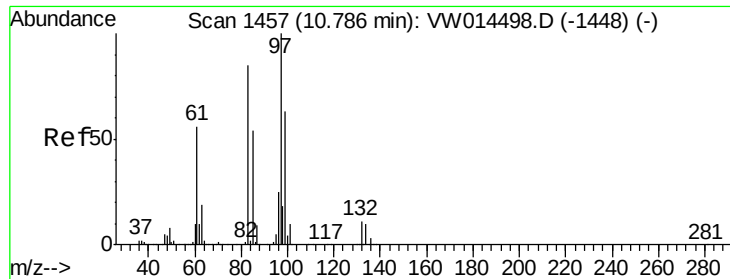
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#54
cis-1,3-Dichloropropene
Concen: 21.753 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.4	38.0
39	47.3	33.4	50.2





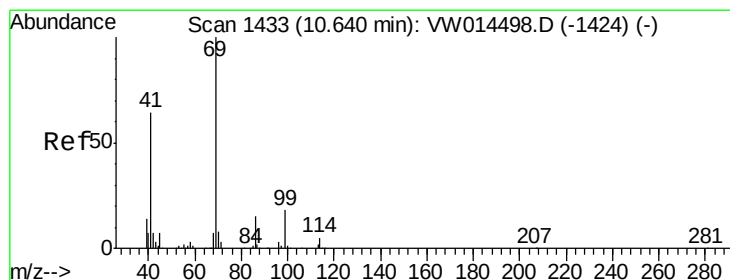
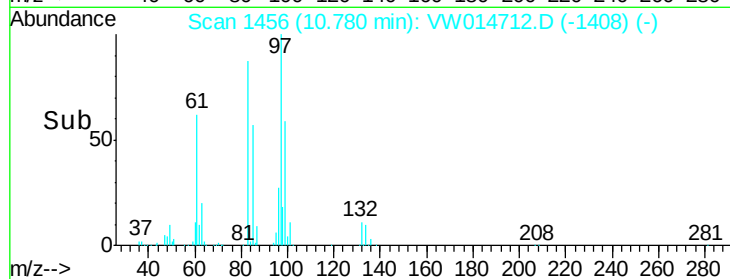
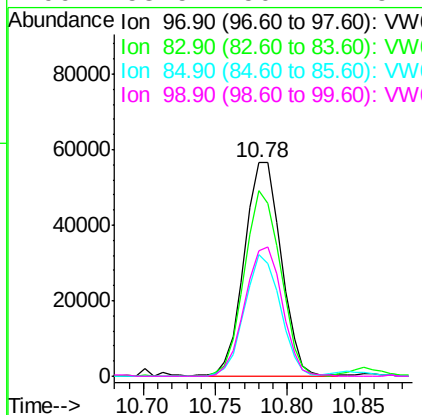
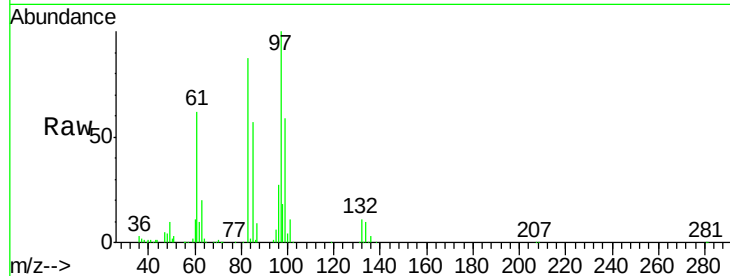
#55
 1,1,2-Trichloroethane
 Concen: 20.998 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	97	100	99920		
83	83	87.3		68.2	102.4
85	85	56.9		43.0	64.4
99	99	58.5		50.1	75.1

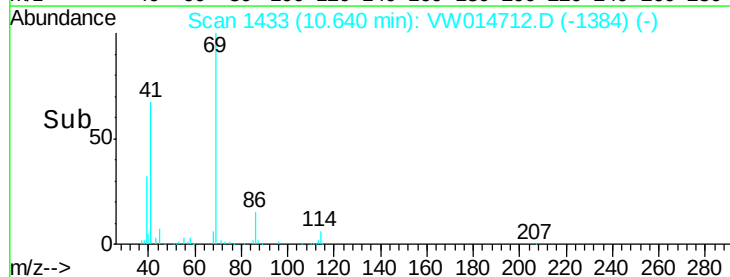
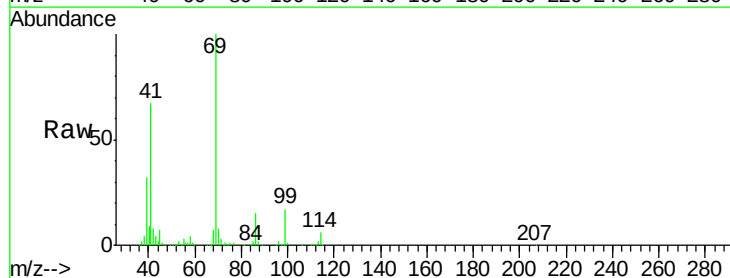
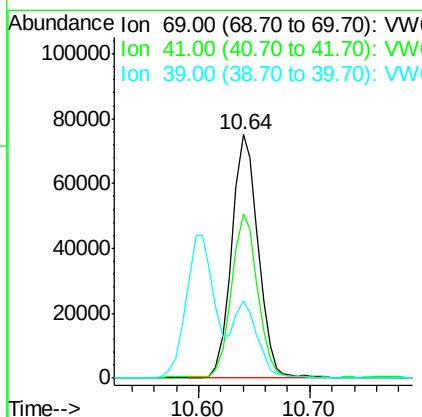
Manual Integrations
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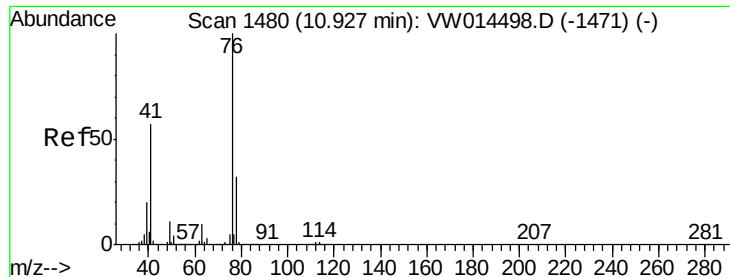
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 1/23/2020 2:33:04 PM



#56
 Ethyl methacrylate
 Concen: 20.002 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	69	100	123692		
41	41	65.9		51.3	76.9
39	39	26.4		21.0	31.6





#57

1,3-Dichloropropane

Concen: 21.420 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion: 76 Resp: 179136

Ion Ratio Lower Upper

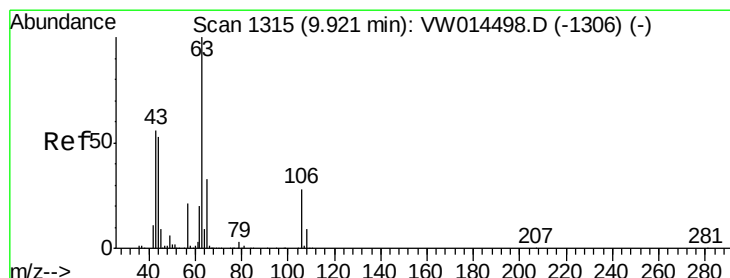
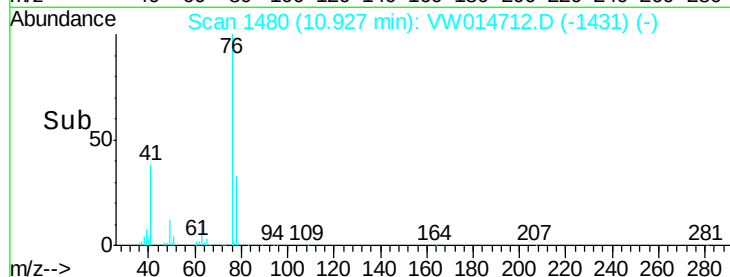
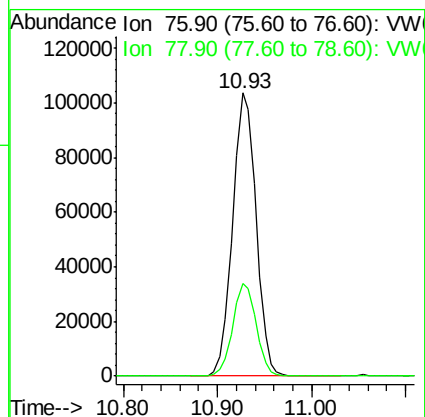
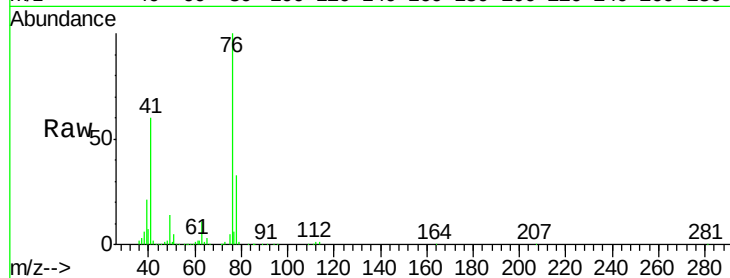
76 100

78 32.5 25.9 38.9

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1/23/2020 2:33:04 PM



#58

2-Chloroethyl Vinyl ether

Concen: 99.699 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014712.D

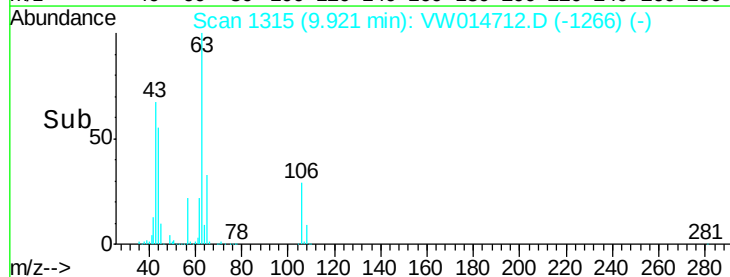
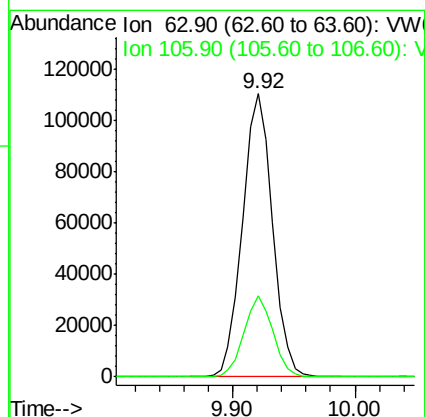
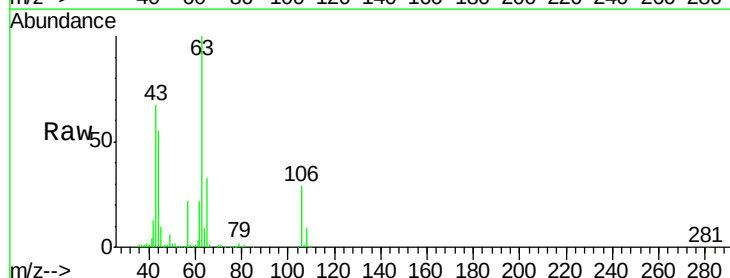
Acq: 22 Jan 2020 14:41

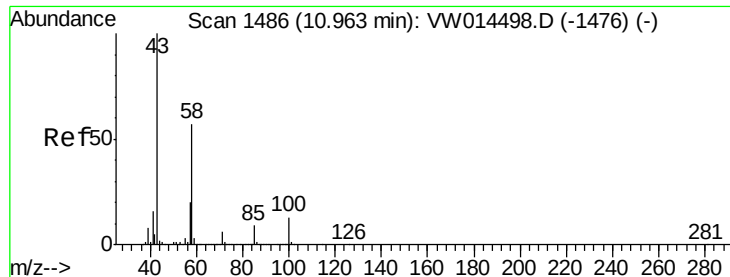
Tgt Ion: 63 Resp: 187514

Ion Ratio Lower Upper

63 100

106 27.7 23.0 34.6





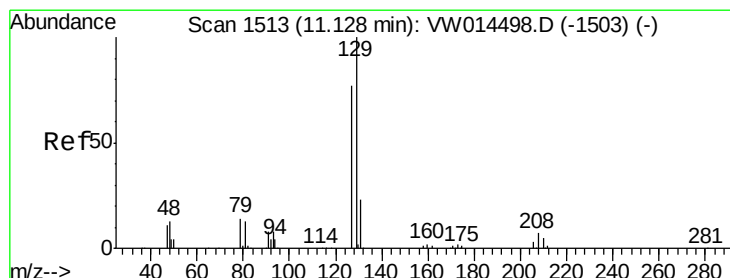
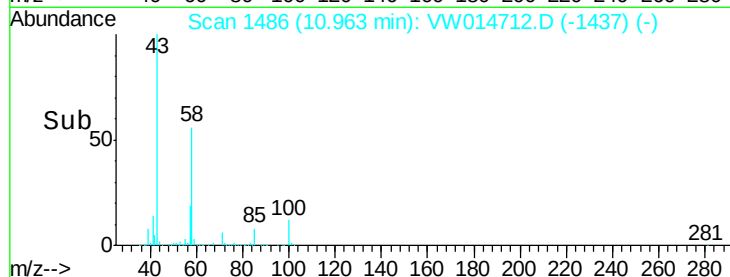
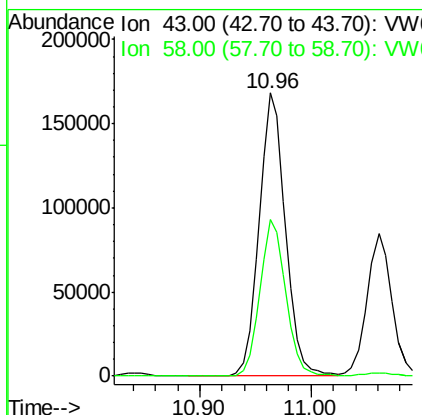
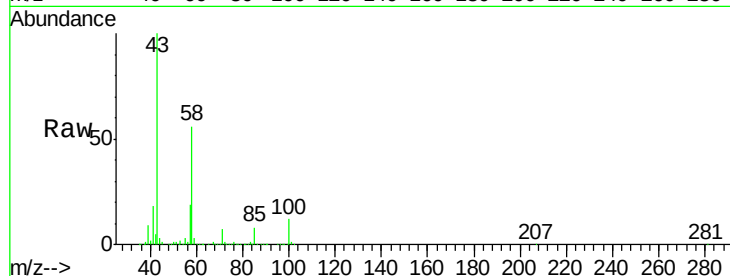
#59
2-Hexanone
Concen: 99.195 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	28.7	86.3

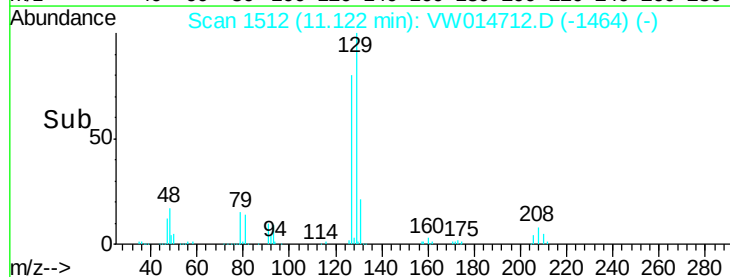
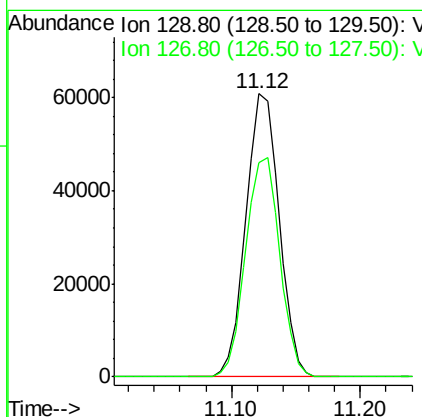
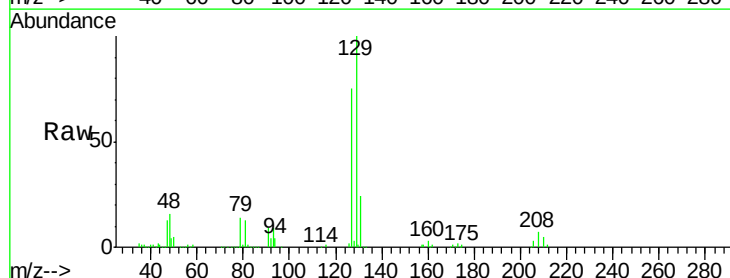
Manual Integrations
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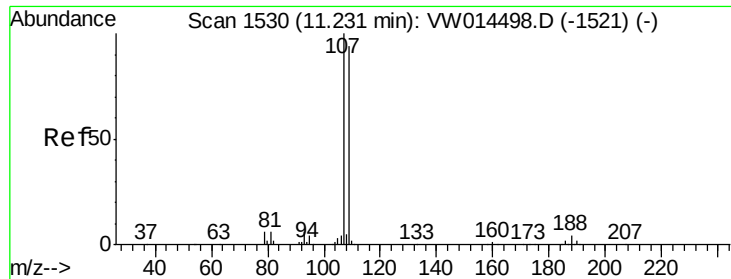
MMDadoda
1/23/2020 2:33:04 PM



#60
Dibromochloromethane
Concen: 20.281 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.6	38.1	114.5





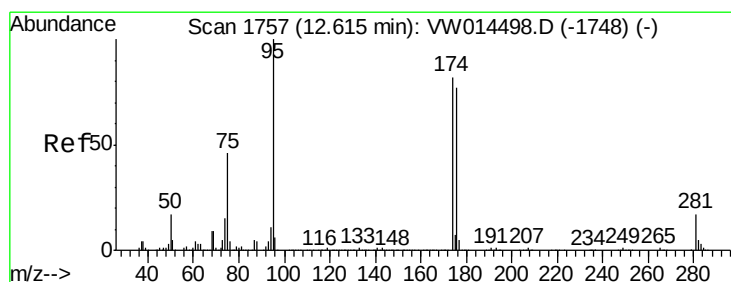
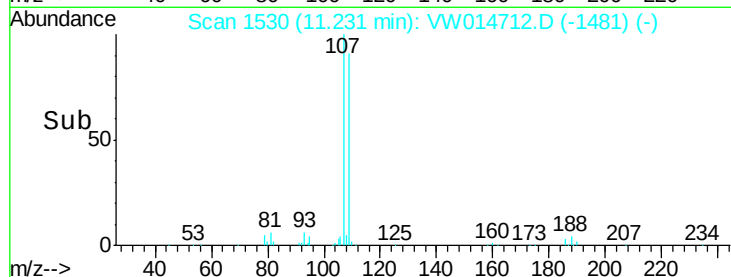
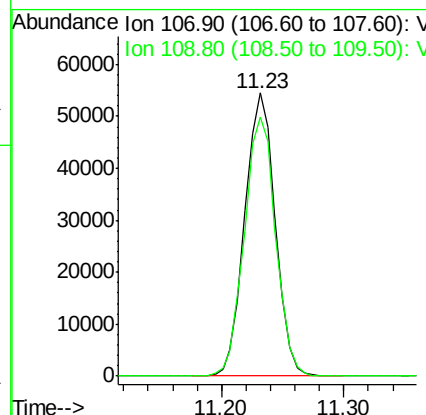
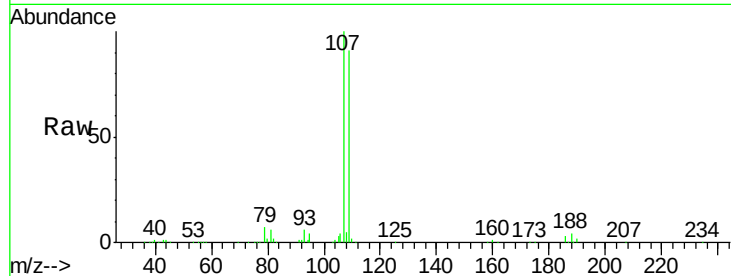
#61
 1,2-Dibromoethane
 Concen: 20.825 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.1	112.7

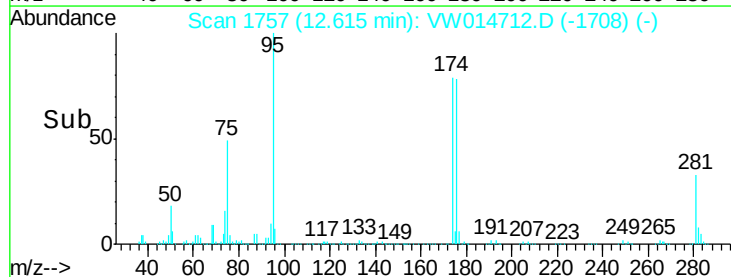
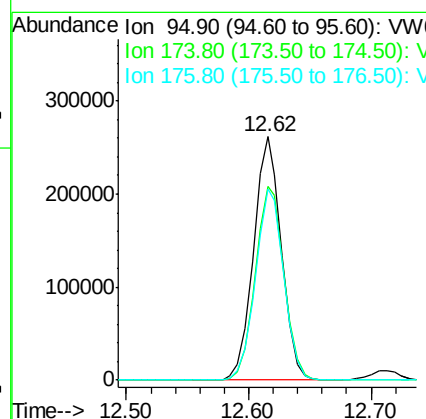
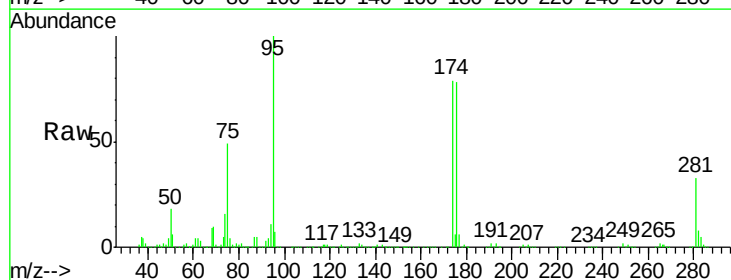
Manual Integrations
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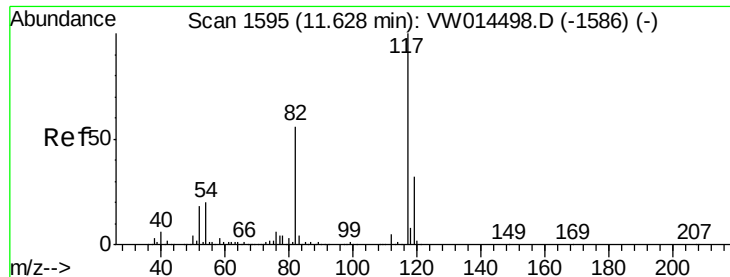
MMDadoda
 1/23/2020 2:33:04 PM



#62
 4-Bromofluorobenzene
 Concen: 51.696 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	168.6
176	79.7	0.0	162.0





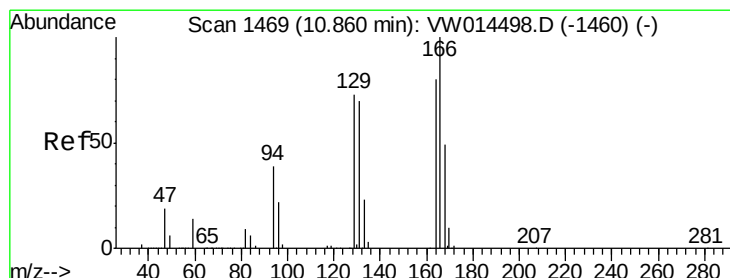
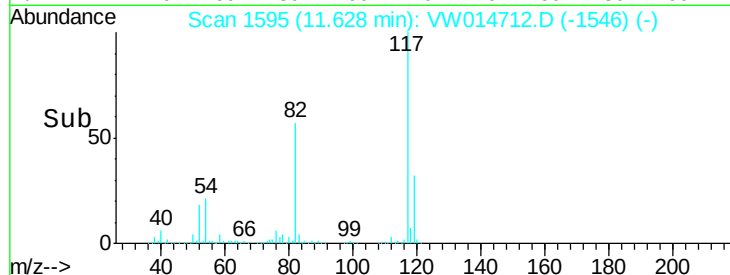
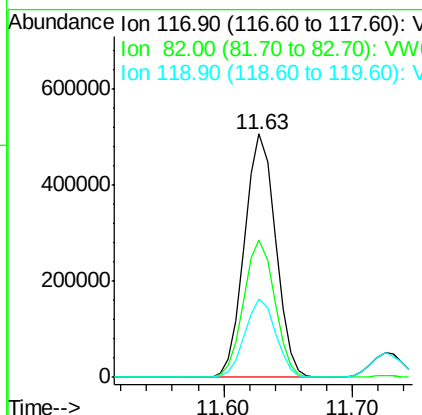
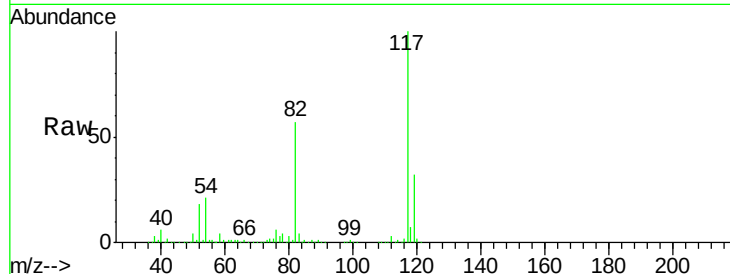
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.6	67.0
119	32.1	25.7	38.5

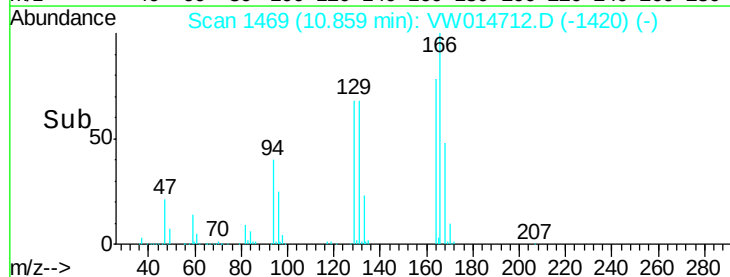
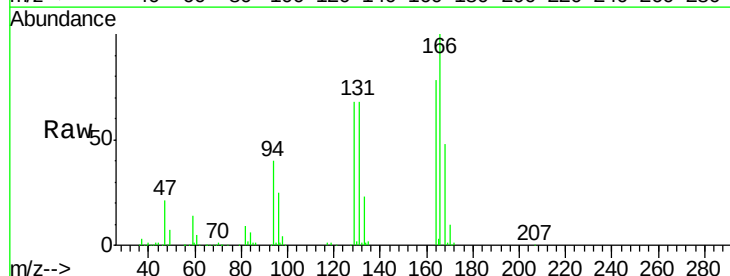
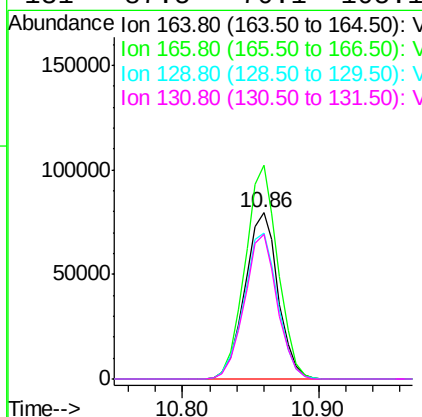
Manual Integrations
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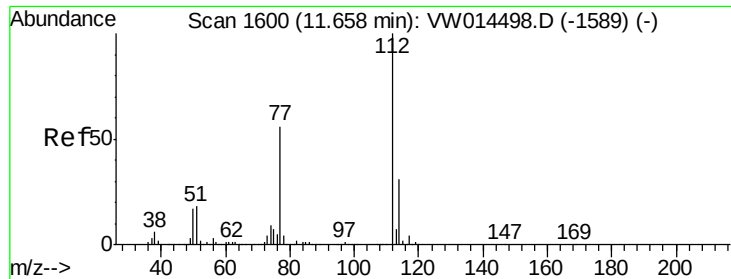
MMDadoda
1/23/2020 2:33:04 PM



#64
Tetrachloroethene
Concen: 22.144 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	99.8	149.6
129	88.1	72.4	108.6
131	87.5	70.1	105.1





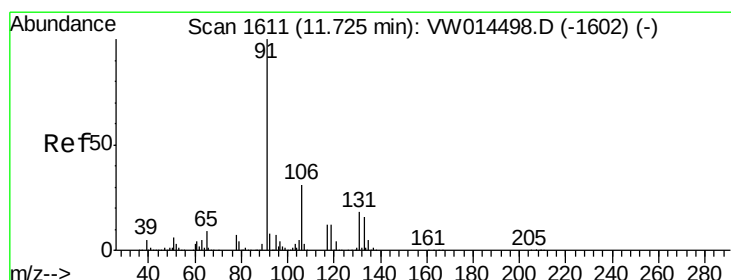
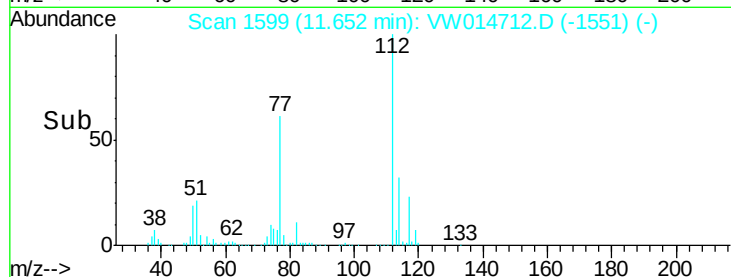
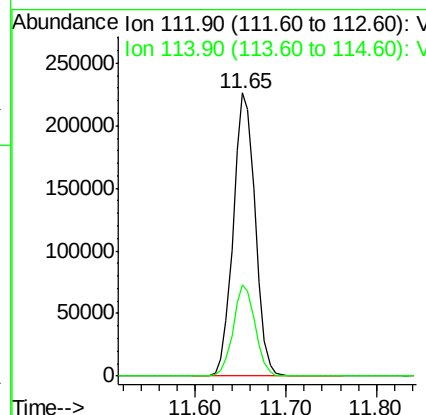
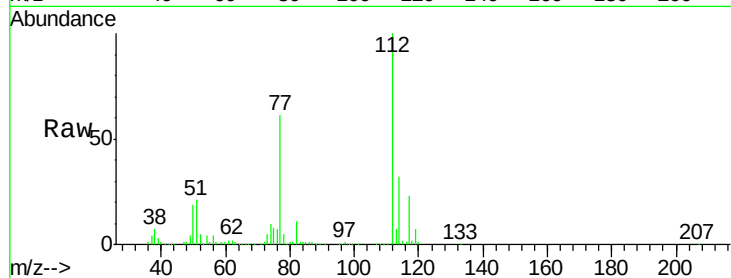
#65
Chlorobenzene
Concen: 22.149 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	383335		
114	32.3	24.6	37.0	

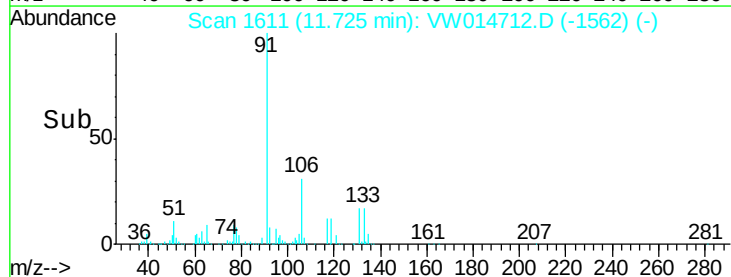
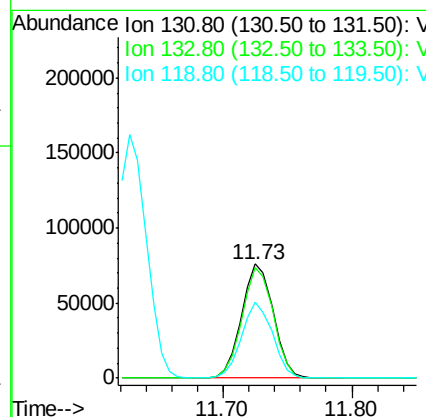
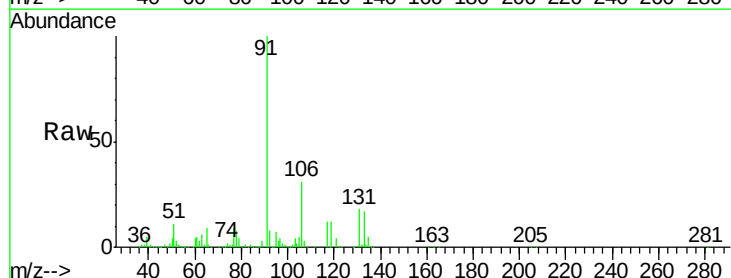
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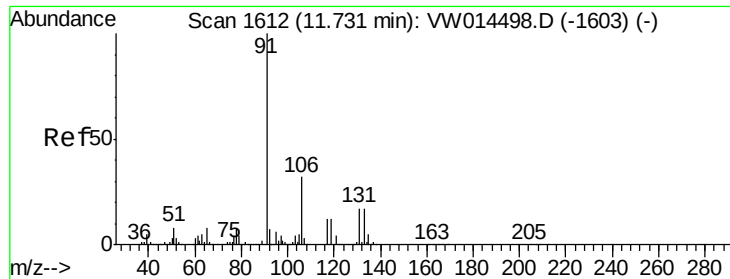
MMDadoda
1/23/2020 2:33:04 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 22.221 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	129489		
133	95.8	47.3	142.0	
119	65.2	33.1	99.3	





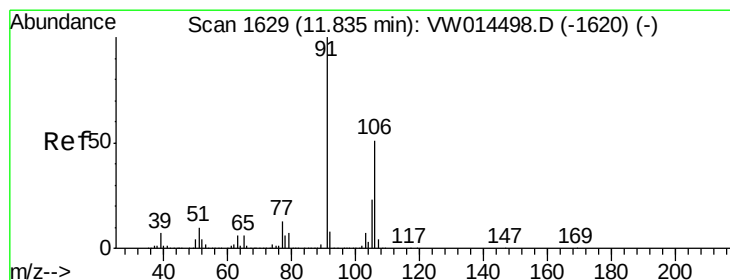
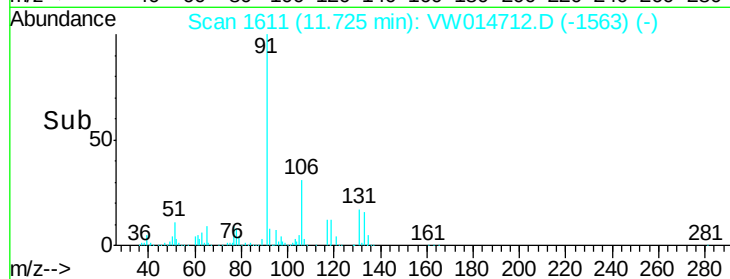
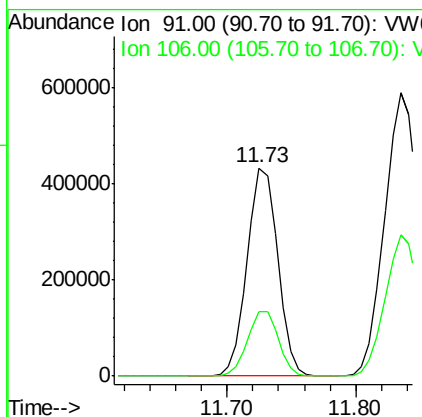
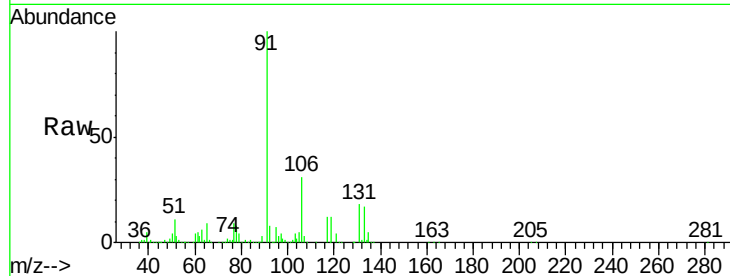
#67
Ethyl Benzene
Concen: 22.776 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion: 91 Resp: 710365
Ion Ratio Lower Upper
91 100
106 30.7 25.5 38.3

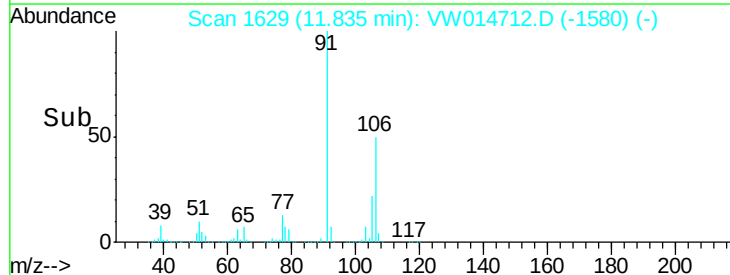
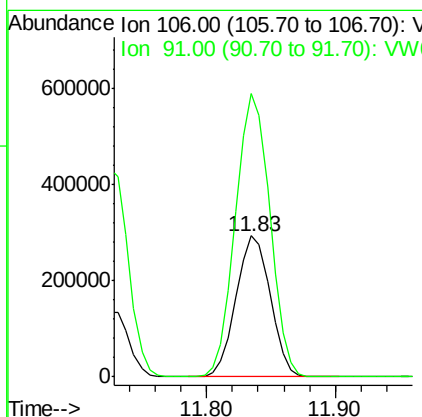
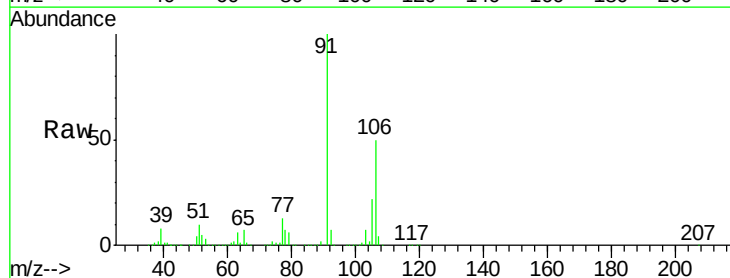
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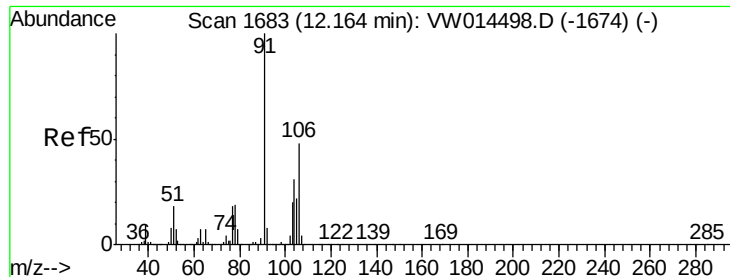
MMDadoda
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#68
m/p-Xylenes
Concen: 45.329 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion: 106 Resp: 541102
Ion Ratio Lower Upper
106 100
91 202.1 159.0 238.6





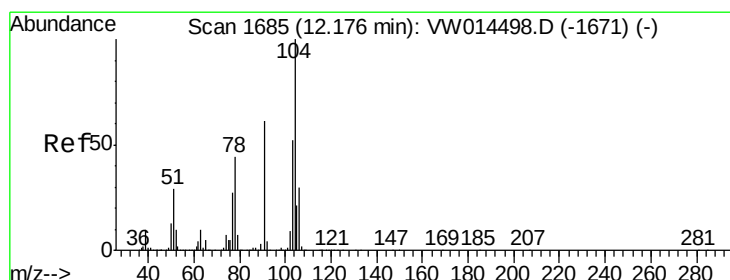
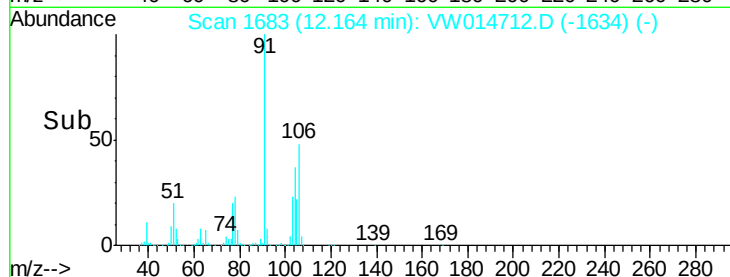
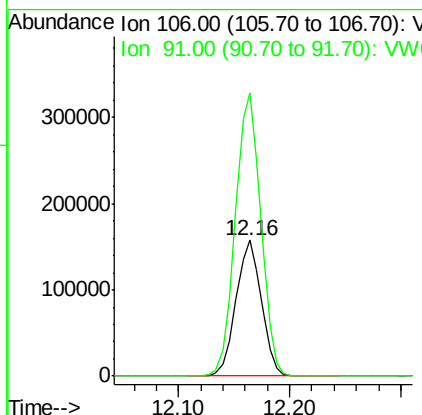
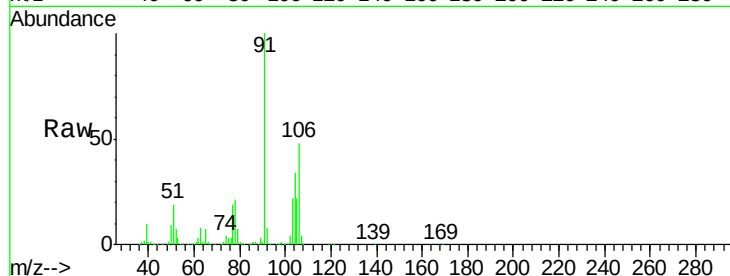
#69
o-Xylene
Concen: 22.488 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	209.9	105.2	315.6		

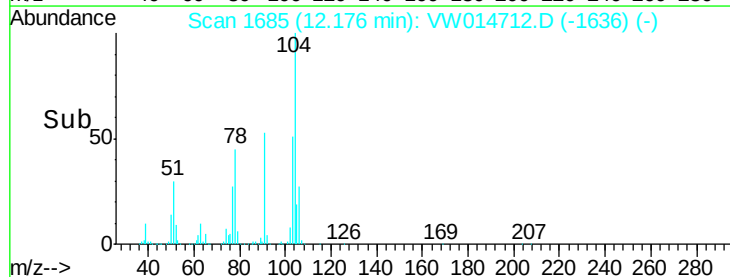
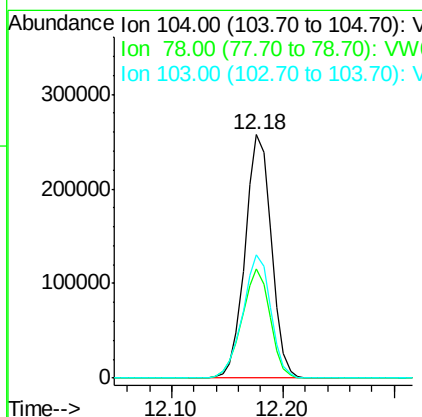
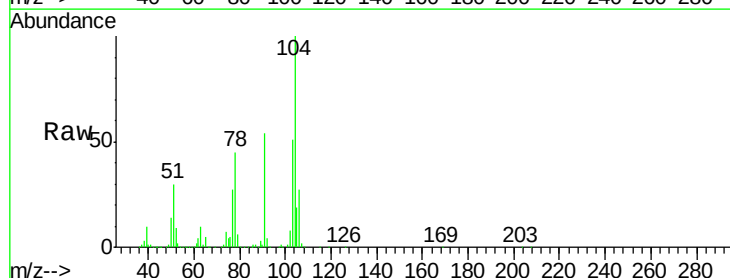
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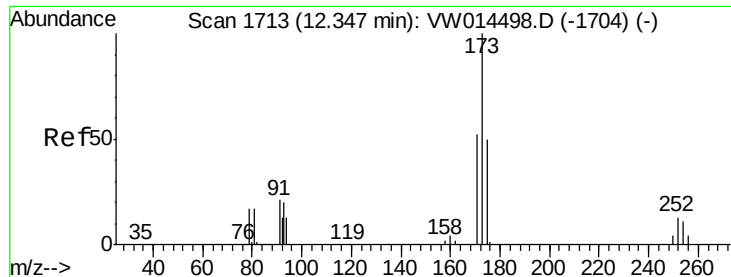
MMDadoda
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#70
Styrene
Concen: 22.693 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.2	38.4	57.6		
103	54.0	43.7	65.5		





#71

Bromoform

Concen: 19.889 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion:173 Resp: 63216

Ion Ratio Lower Upper

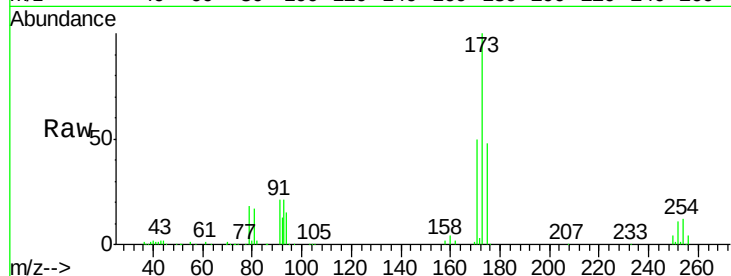
173 100

175 49.1 24.5 73.5

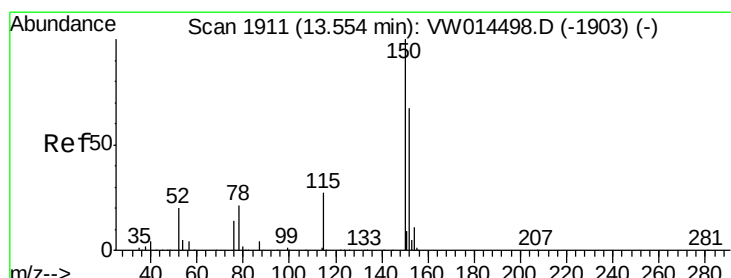
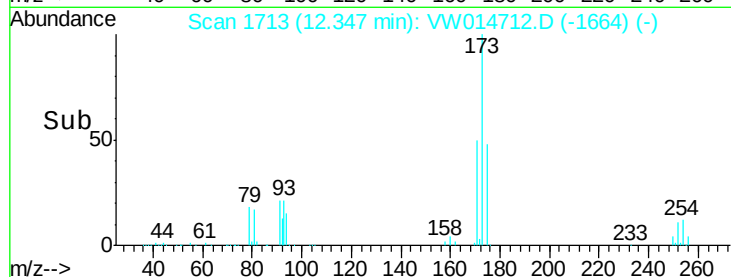
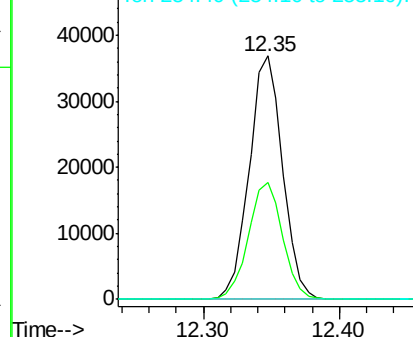
254 0.1 0.0 0.0#

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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: 13.55 min Scan# 1911

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

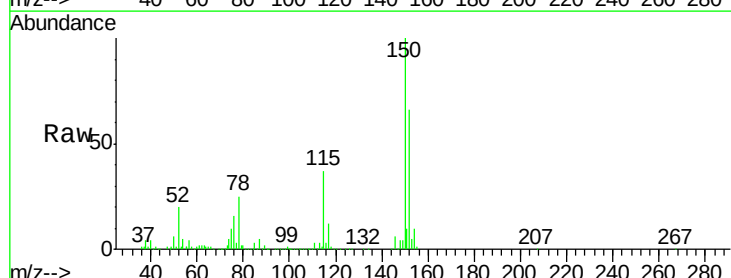
Tgt Ion:152 Resp: 421517

Ion Ratio Lower Upper

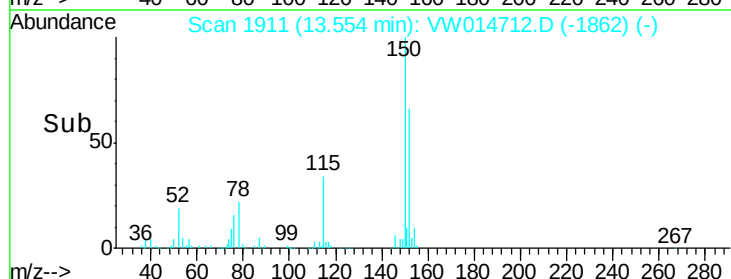
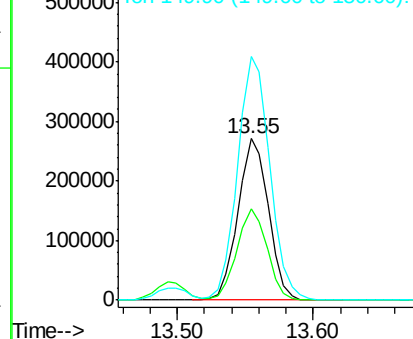
152 100

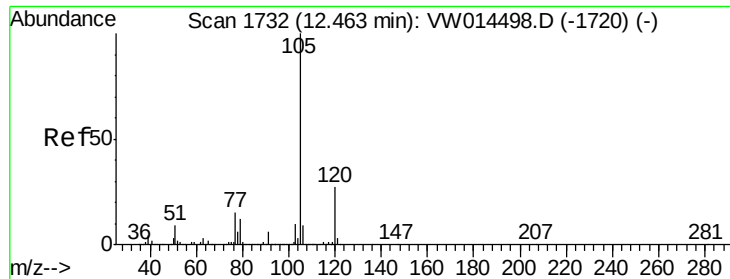
115 56.4 27.7 83.1

150 160.7 0.0 343.4



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





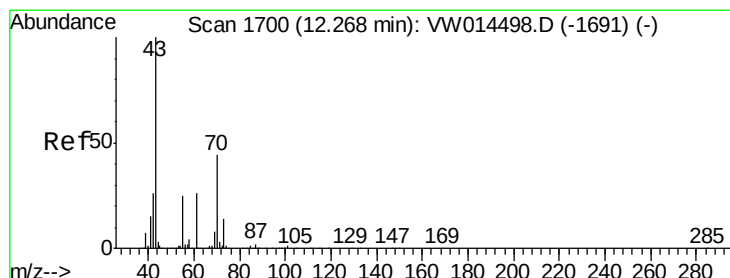
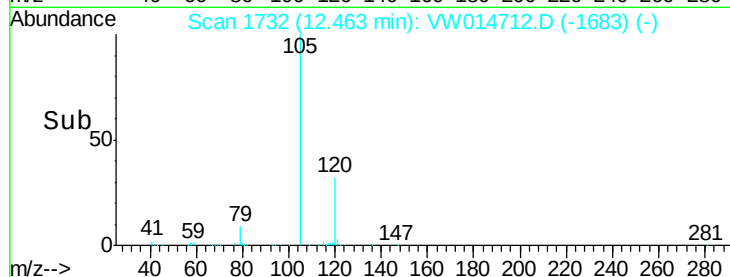
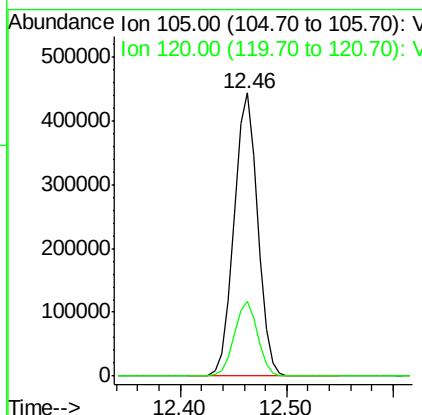
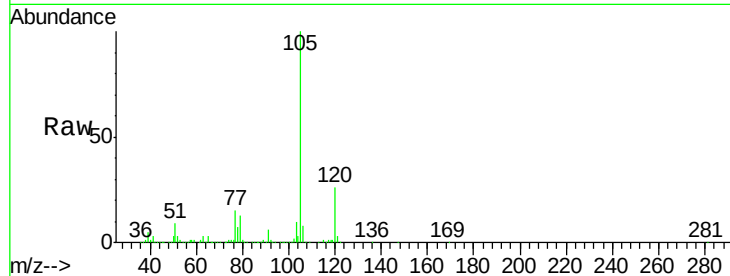
#73
Isopropylbenzene
Concen: 22.324 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.4	40.1

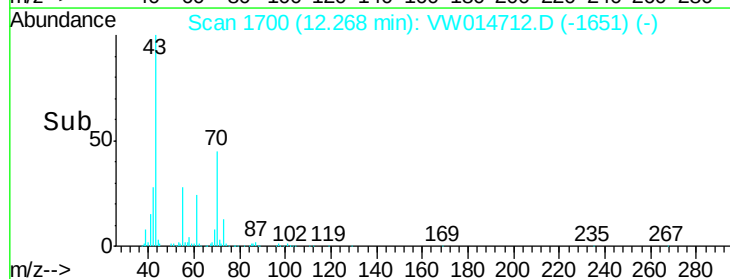
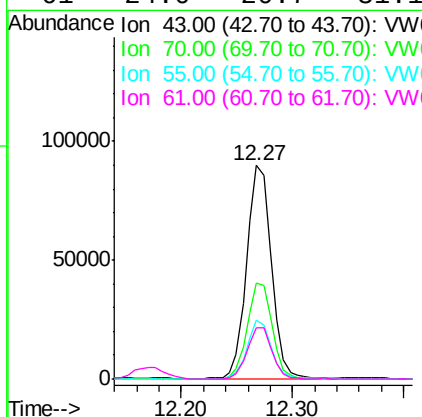
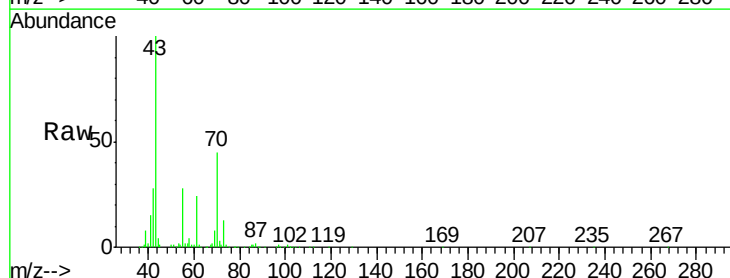
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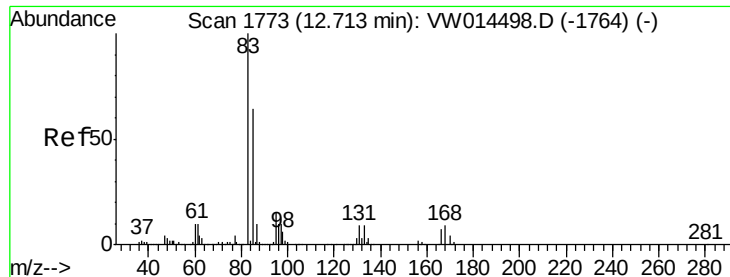
MMDadoda
1/23/2020 2:33:04 PM



#74
N-ethyl acetate
Concen: 20.216 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.0	36.5	54.7
55	26.9	20.9	31.3
61	24.0	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.125 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

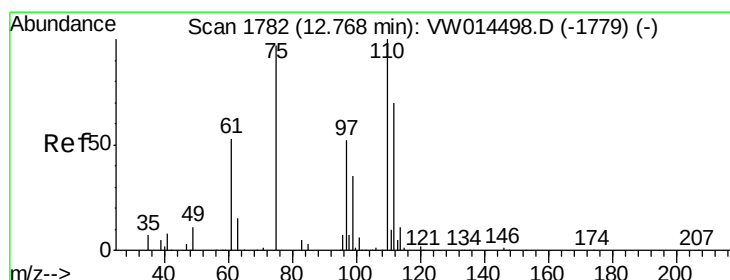
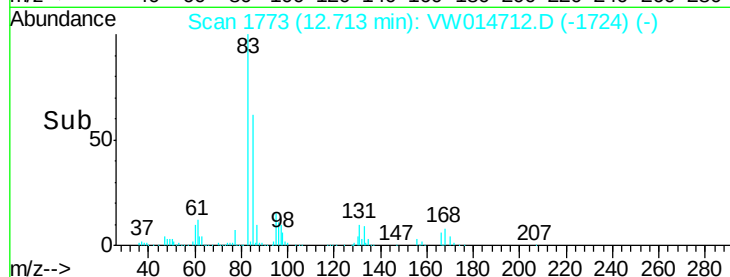
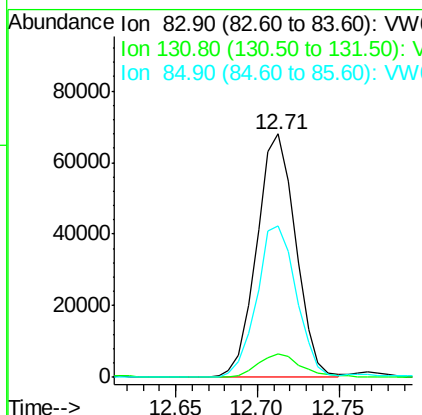
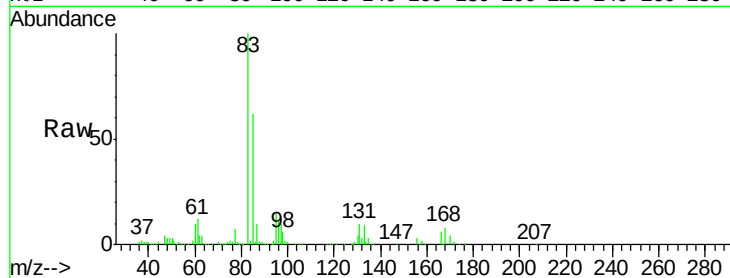
ClientSampleId :

VW0122SBS01

Tot Ion:	83	Resp:	112347
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	63.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 21.887 ug/l m

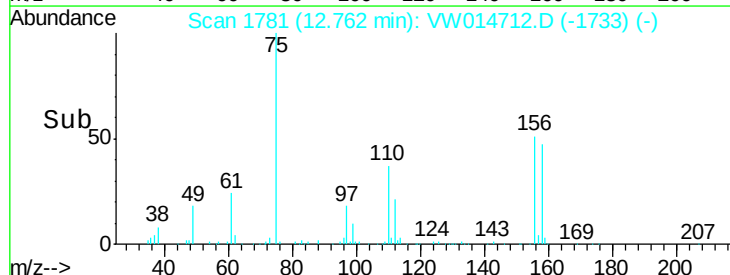
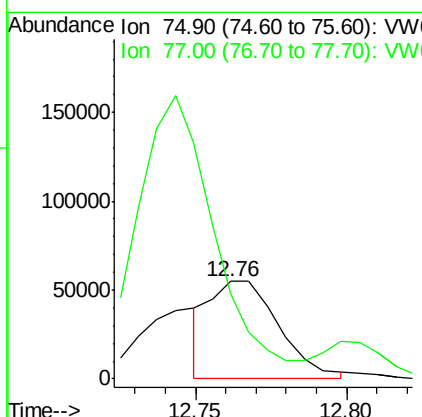
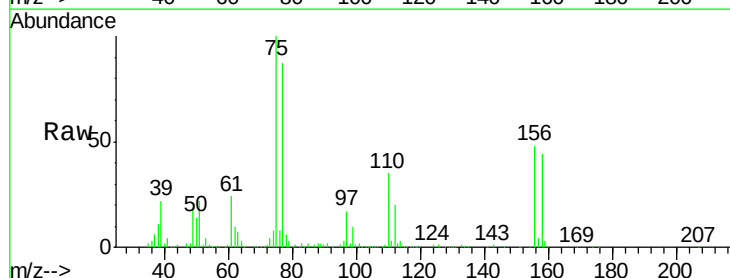
RT: 12.76 min Scan# 1781

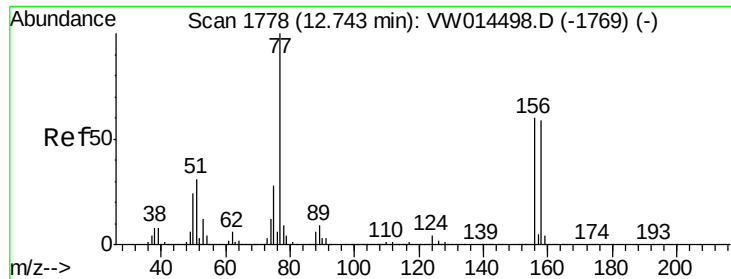
Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Tgt Ion:	75	Resp:	87230
Ion Ratio	Lower	Upper	
75	100		
77	332.8	0.0	0.0#





#77

Bromobenzene

Concen: 21.605 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

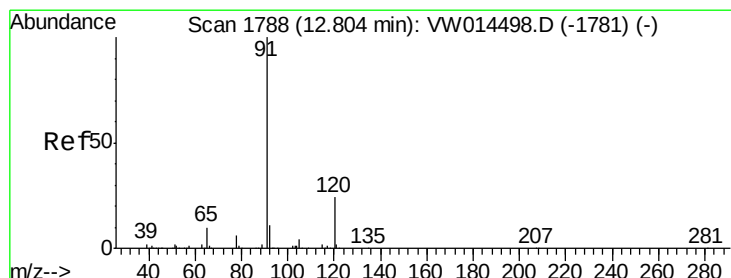
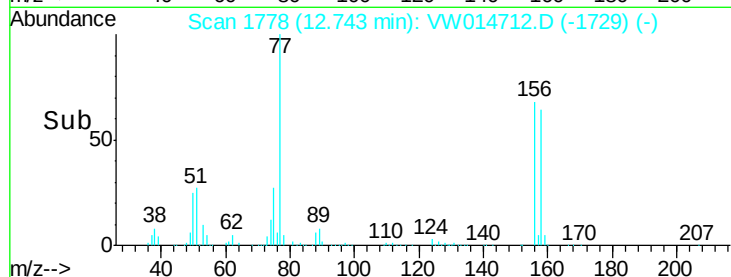
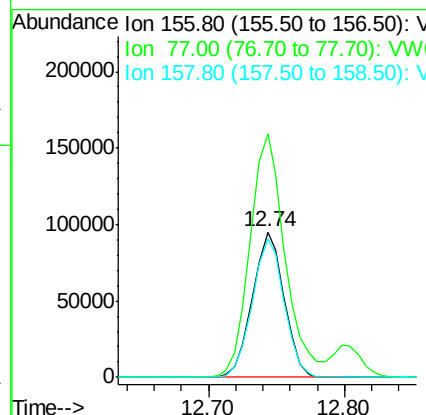
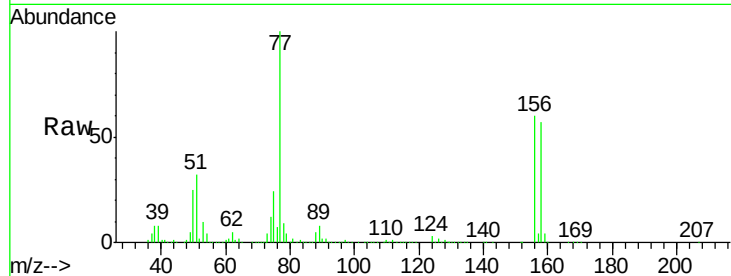
ClientSampled :

VW0122SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	187.0	92.3	277.1
158	96.1	48.6	145.9

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#78

n-propylbenzene

Concen: 22.833 ug/l

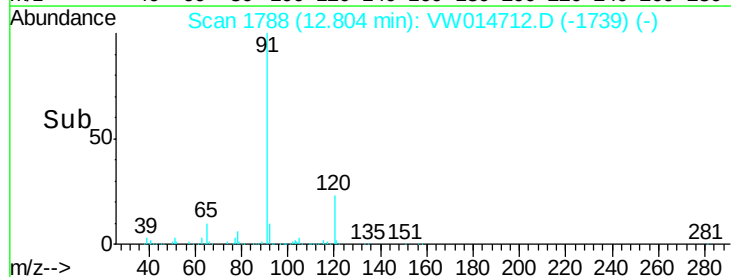
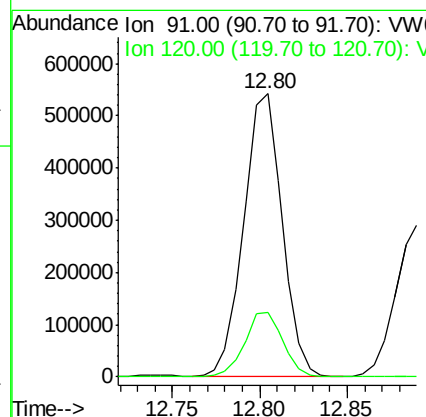
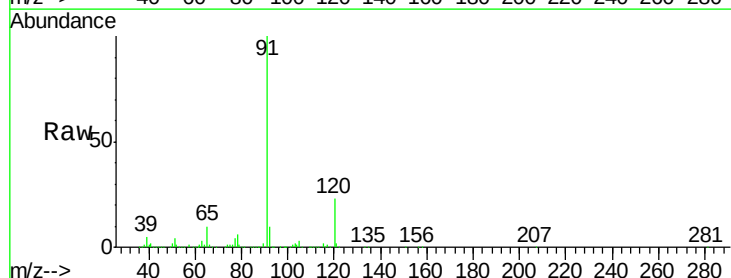
RT: 12.80 min Scan# 1788

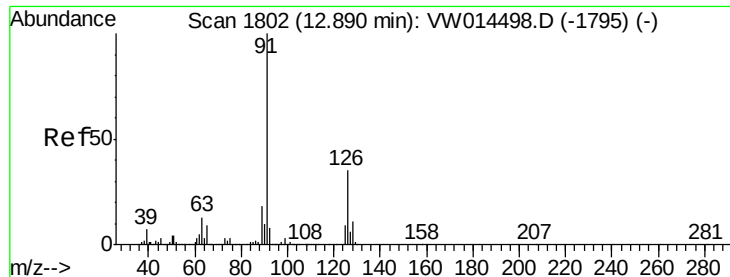
Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.7	35.1





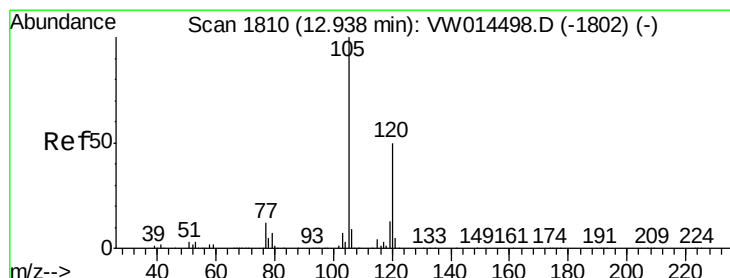
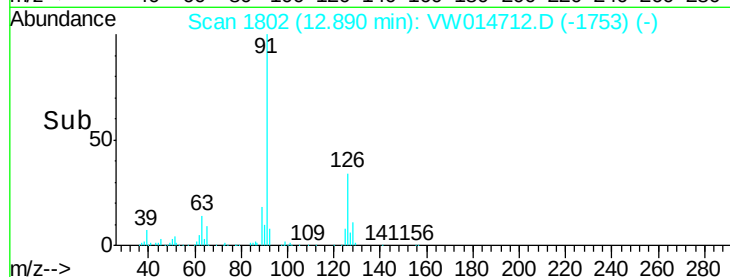
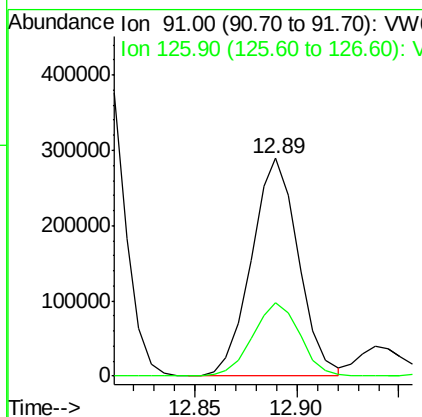
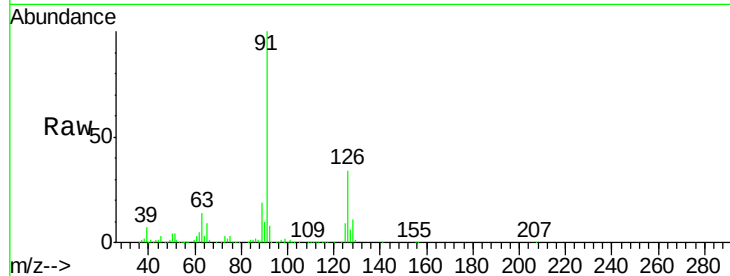
#79
 2-Chlorotoluene
 Concen: 22.269 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion: 91 Resp: 460899
 Ion Ratio Lower Upper
 91 100
 126 34.0 17.1 51.2

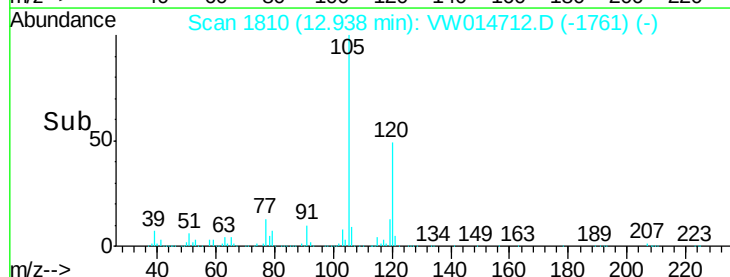
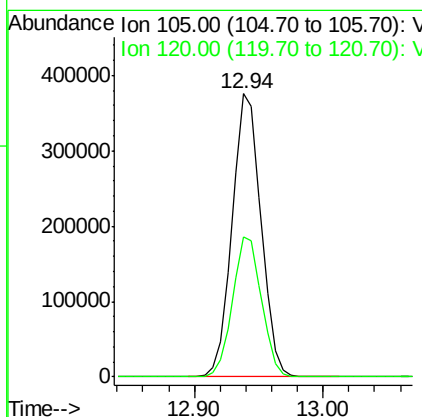
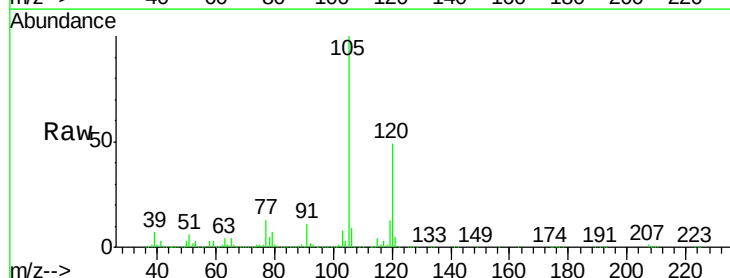
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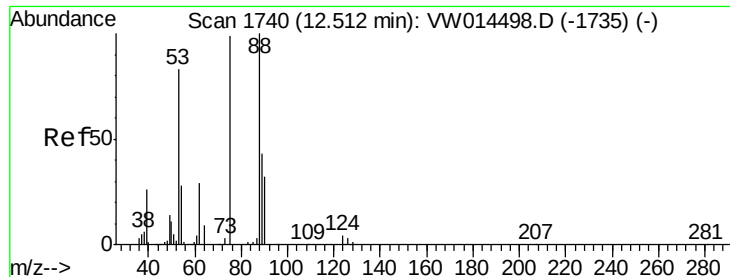
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#80
 1,3,5-Trimethylbenzene
 Concen: 22.505 ug/l
 RT: 12.94 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion: 105 Resp: 584442
 Ion Ratio Lower Upper
 105 100
 120 49.8 25.2 75.6





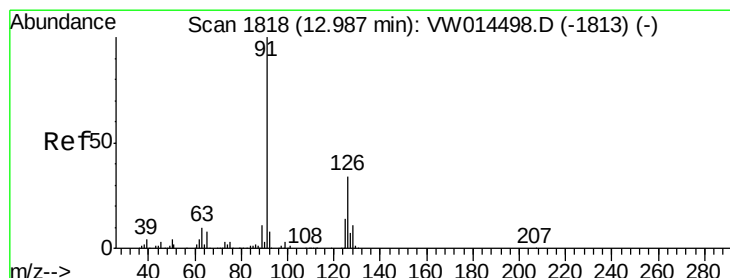
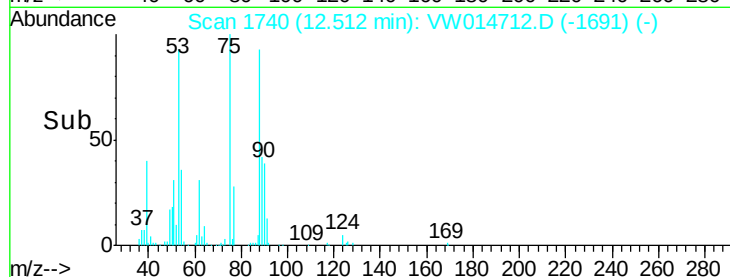
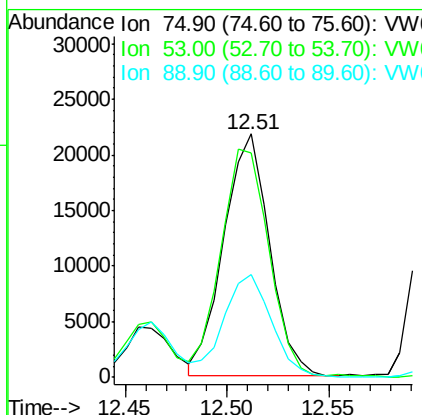
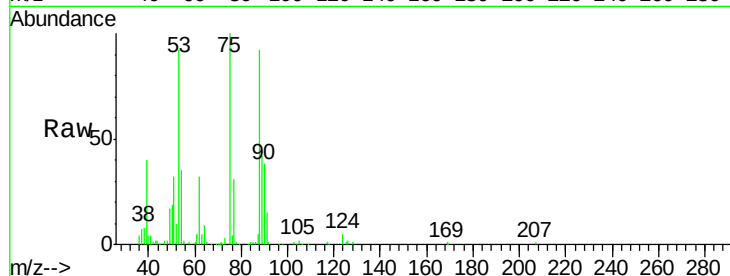
#81
trans-1,4-Dichloro-2-butene
Concen: 19.015 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.0	70.9	106.3
89	44.8	35.8	53.8

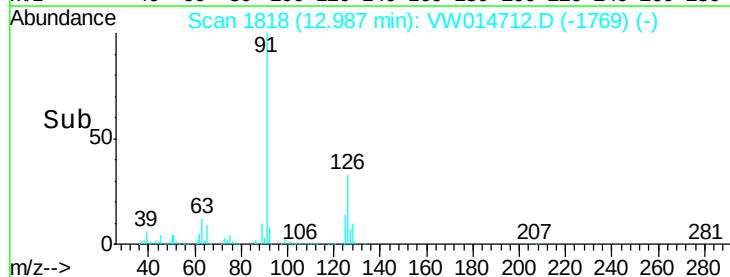
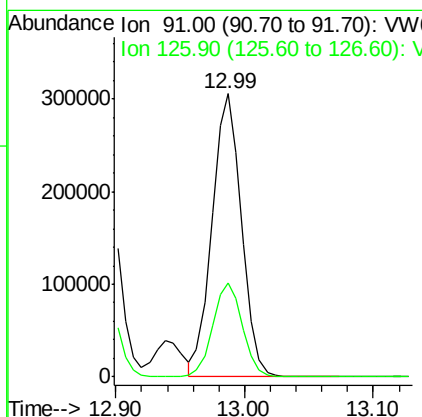
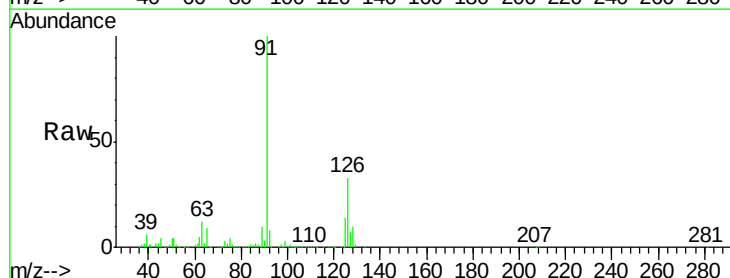
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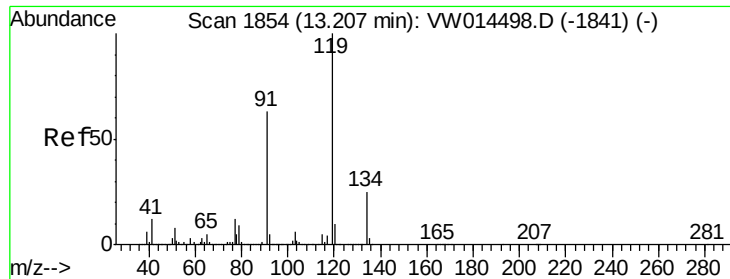
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#82
4-Chlorotoluene
Concen: 22.690 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	17.1	51.2





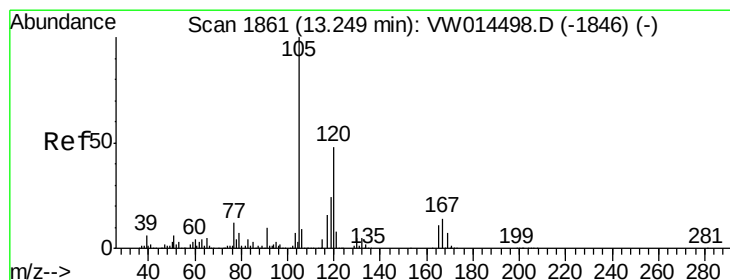
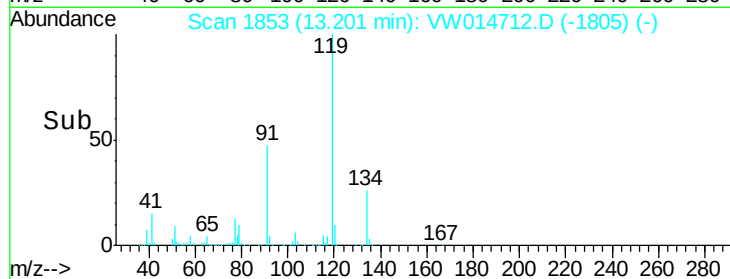
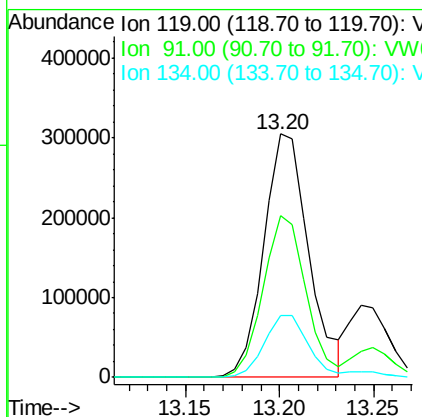
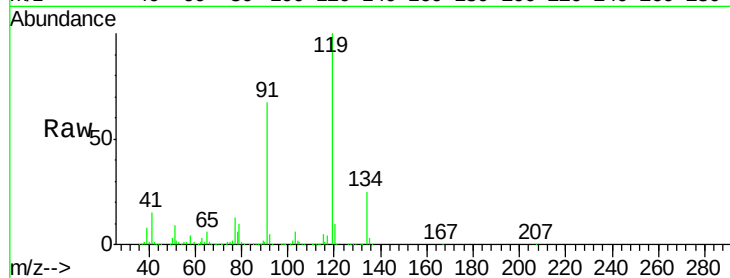
#83
tert-Butylbenzene
Concen: 22.163 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	503922		
91	63.4		31.1	93.3
134	25.2		13.5	40.5

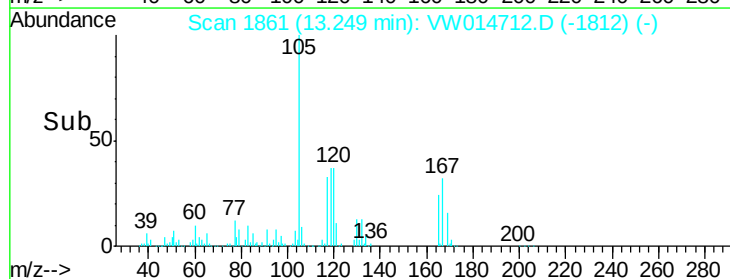
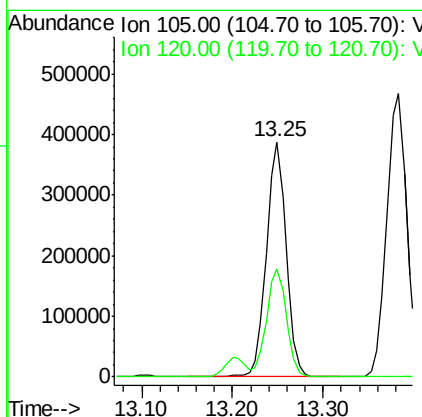
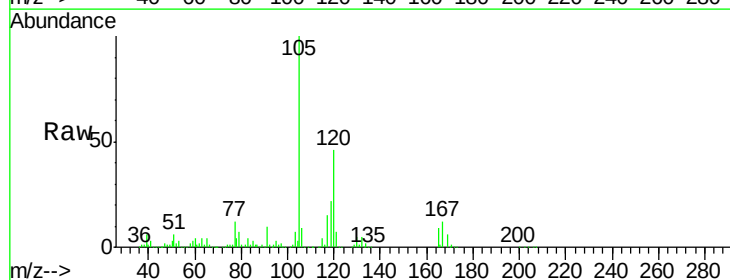
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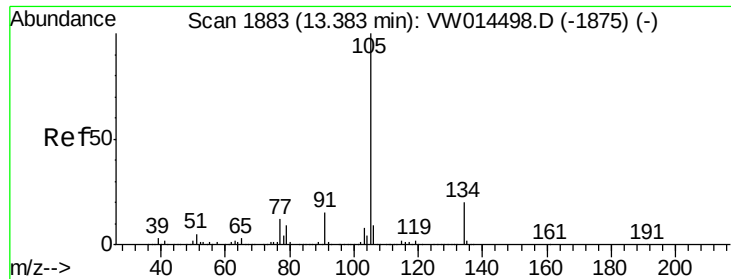
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#84
1,2,4-Trimethylbenzene
Concen: 22.654 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	585450		
120	46.5		23.4	70.0





#85

sec-Butylbenzene

Concen: 22.783 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

ClientSampleId :

VW0122SBS01

Tot Ion:105 Resp: 717027

Ion Ratio Lower Upper

105 100

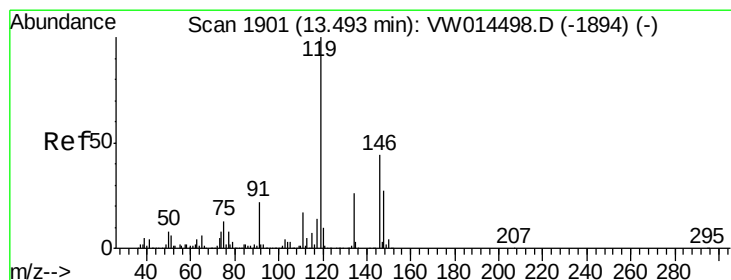
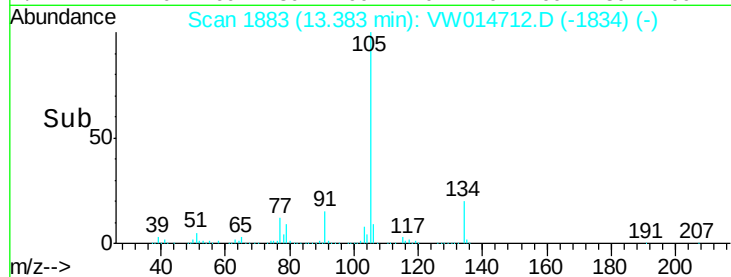
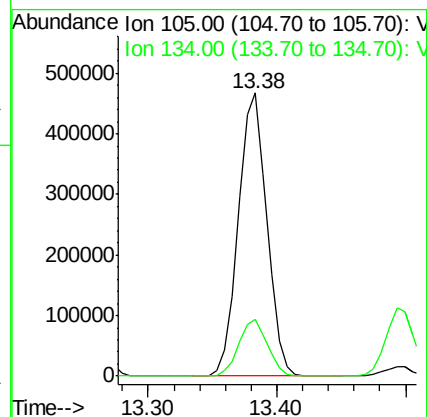
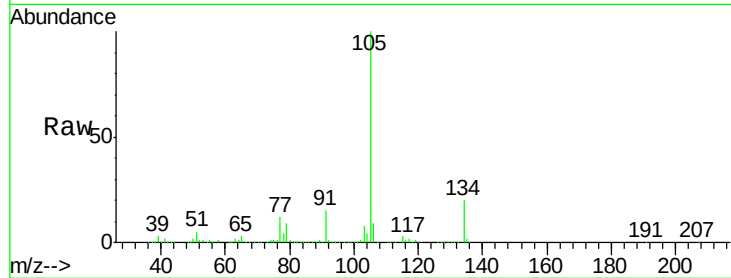
134 20.1 10.2 30.6

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1/23/2020 2:33:04 PM



#86

p-Isopropyltoluene

Concen: 22.771 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

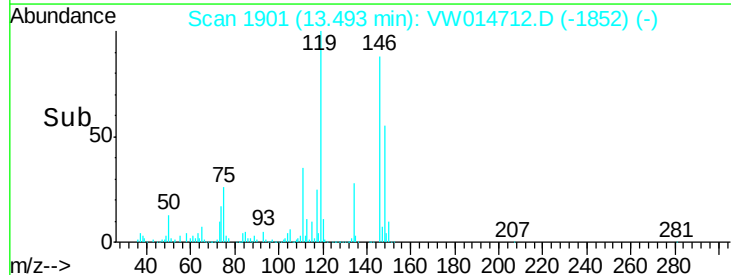
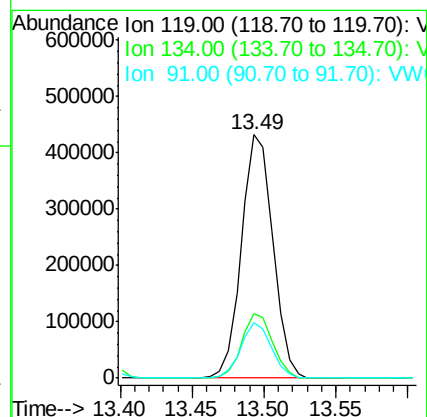
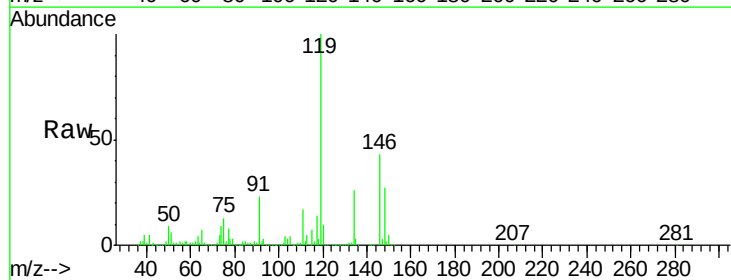
Tgt Ion:119 Resp: 653222

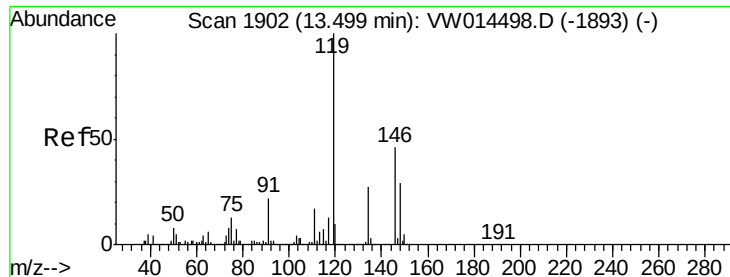
Ion Ratio Lower Upper

119 100

134 26.0 13.2 39.5

91 22.2 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 21.991 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

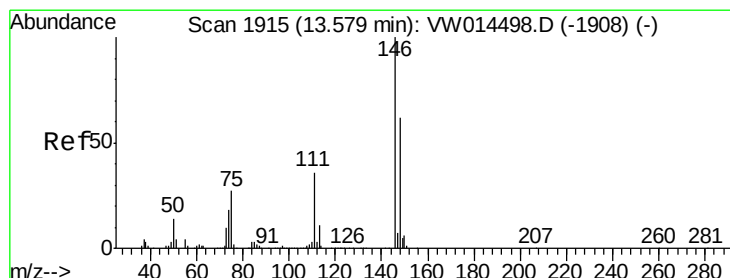
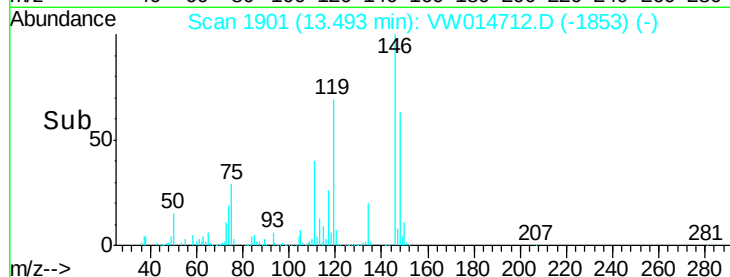
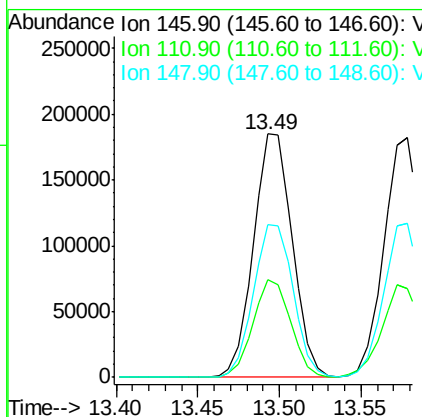
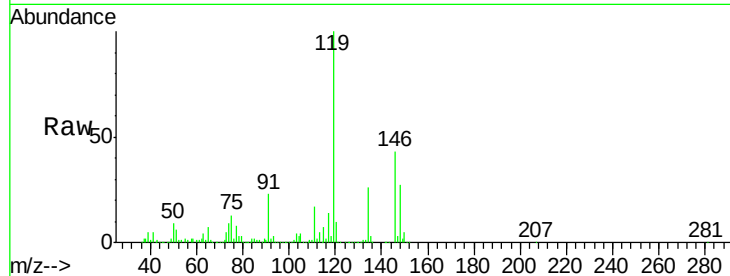
Instrument :
MSVOA_W

ClientSampled :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.9
148	64.0	31.8	95.4

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#88

1,4-Dichlorobenzene

Concen: 21.507 ug/l

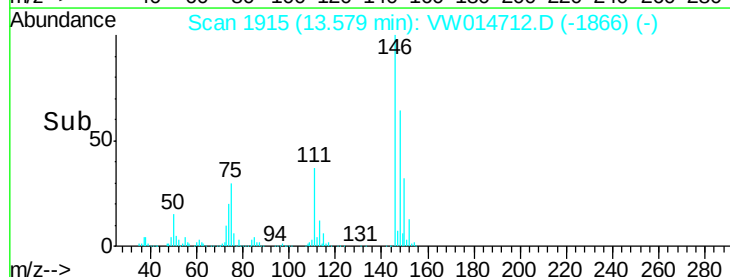
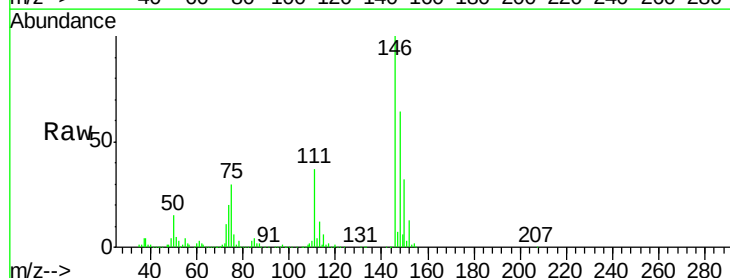
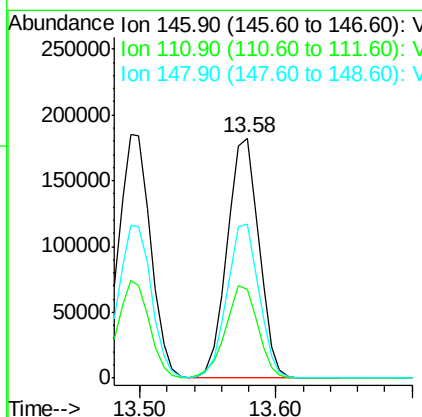
RT: 13.58 min Scan# 1915

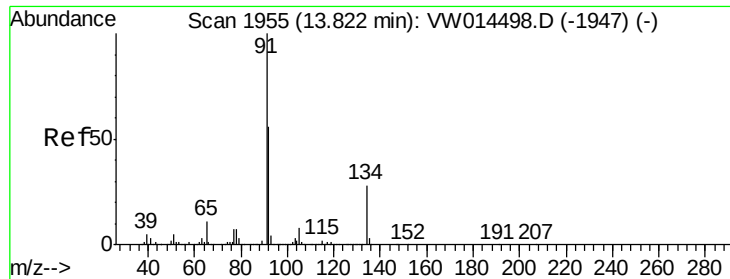
Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.7	56.1
148	64.6	31.7	95.1





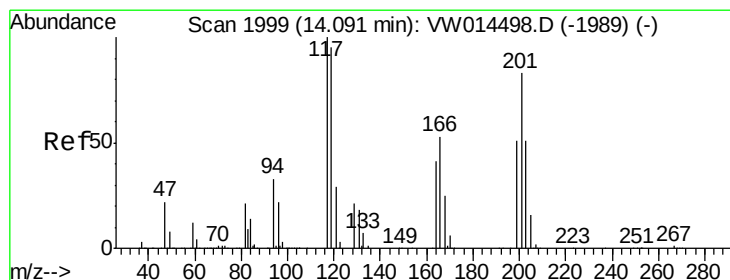
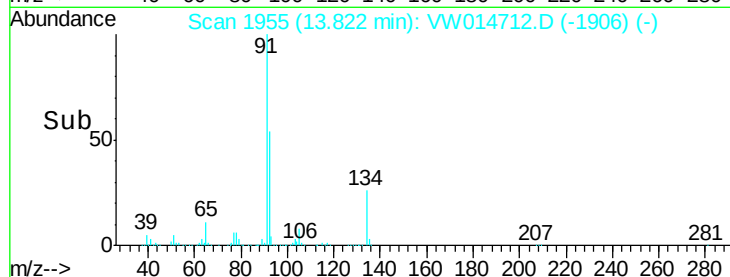
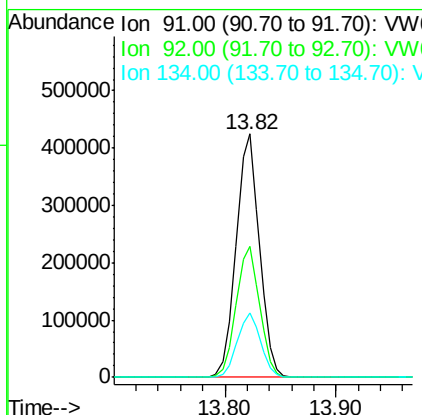
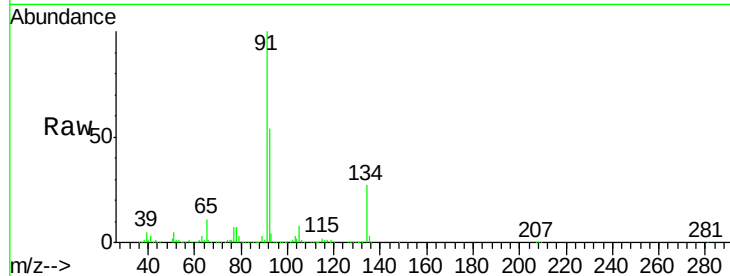
#89
n-Butylbenzene
Concen: 23.010 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.5
134	26.6	13.7	41.1

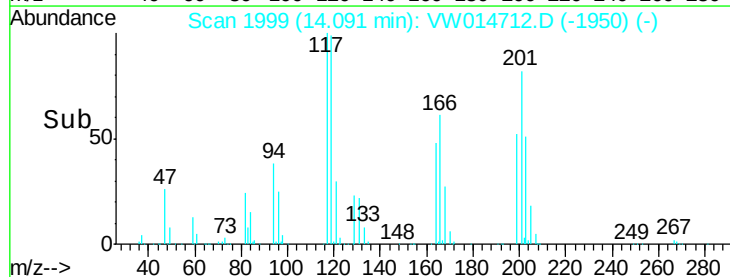
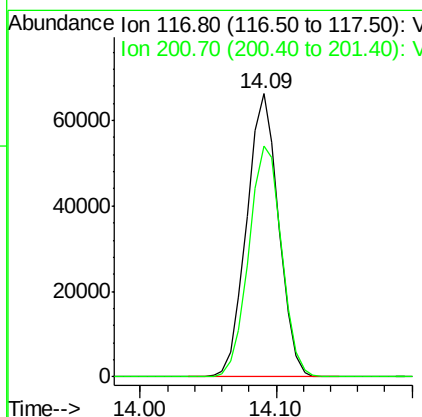
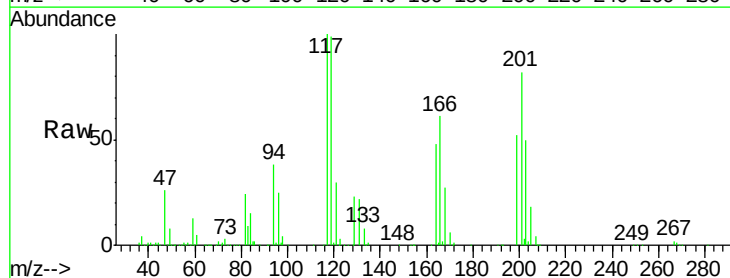
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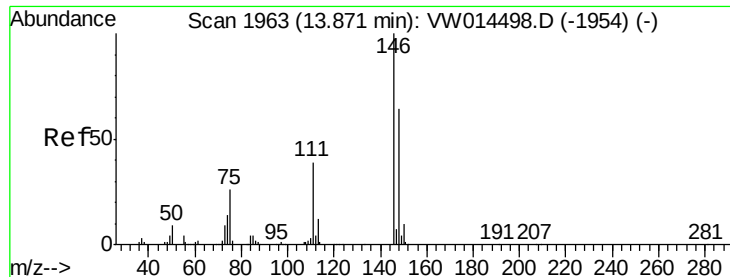
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#90
Hexachloroethane
Concen: 21.795 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	43.0	128.8





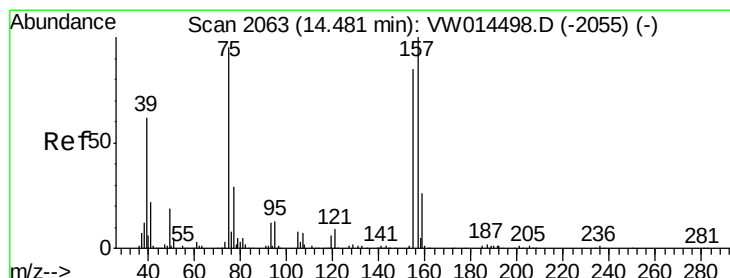
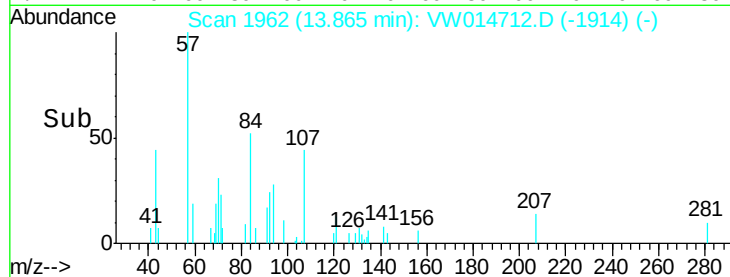
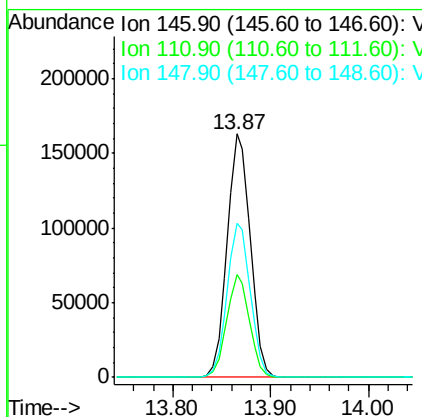
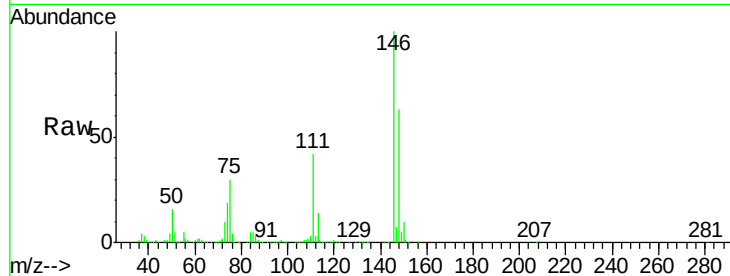
#91
 1,2-Dichlorobenzene
 Concen: 21.785 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0122SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.4	61.3
148	63.4	32.3	96.8

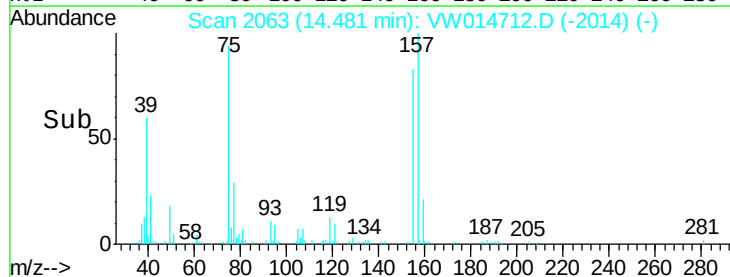
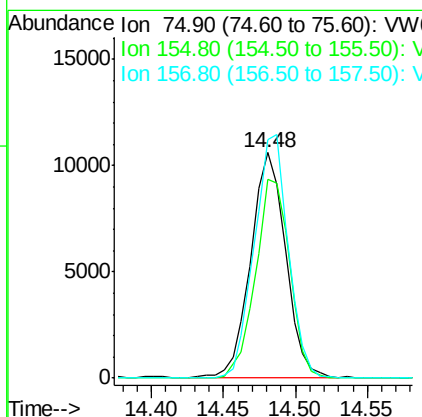
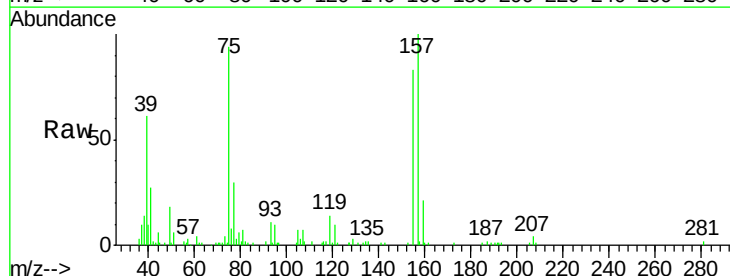
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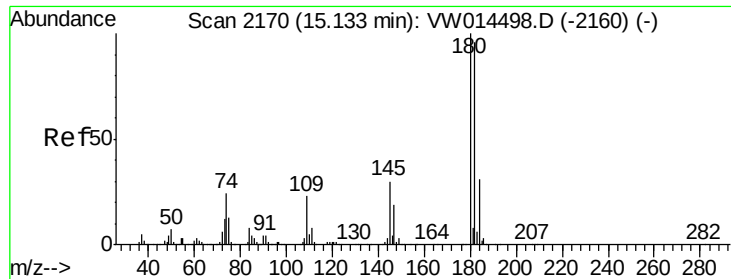
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.159 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014712.D
 Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.1	45.8	137.4
157	104.5	58.1	174.2





#93

1,2,4-Trichlorobenzene

Concen: 21.991 ug/l

RT: 15.13 min Scan# 2170

Delta R.T. -0.00 min

Lab File: VW014712.D

Acq: 22 Jan 2020 14:41

Instrument :

MSVOA_W

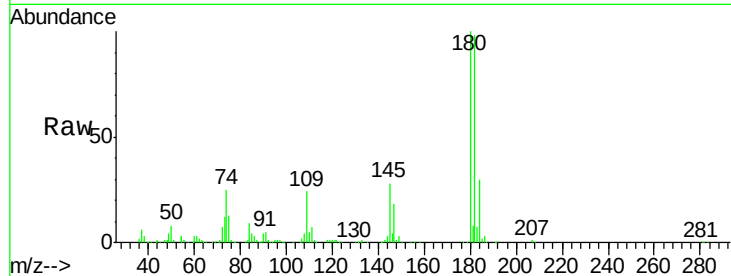
ClientSampleId :

VW0122SBS01

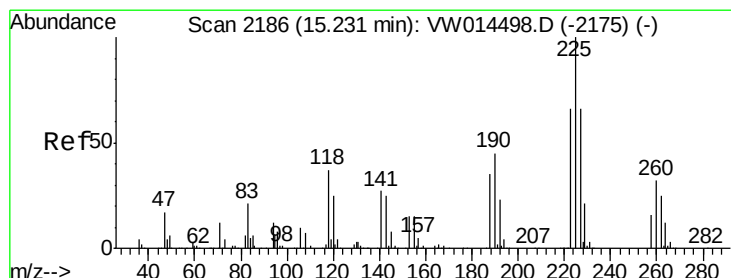
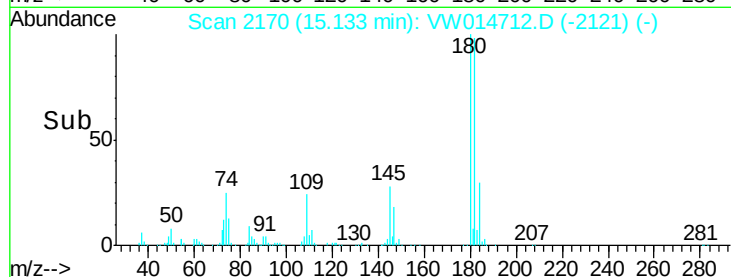
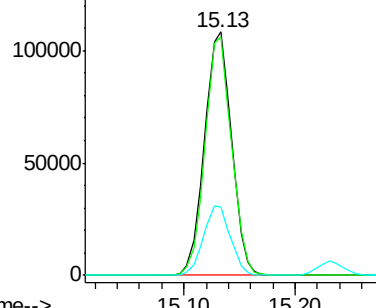
Tot Ion:	180	Resp:	182328
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.3	141.8
145	28.4	14.7	44.1

Manual Integrations
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Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 22.639 ug/l

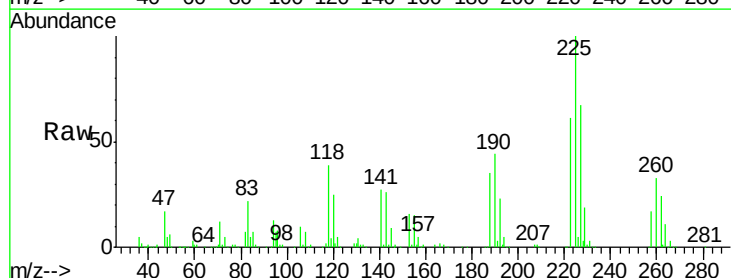
RT: 15.23 min Scan# 2186

Delta R.T. -0.00 min

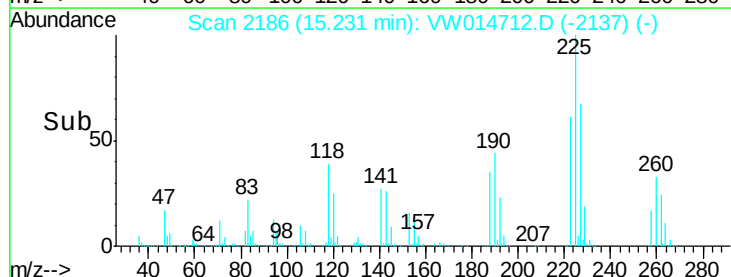
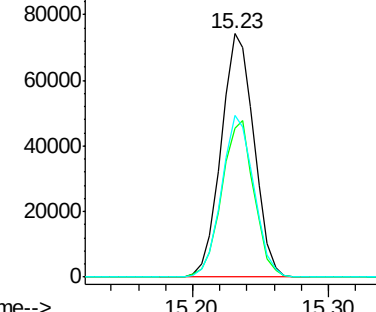
Lab File: VW014712.D

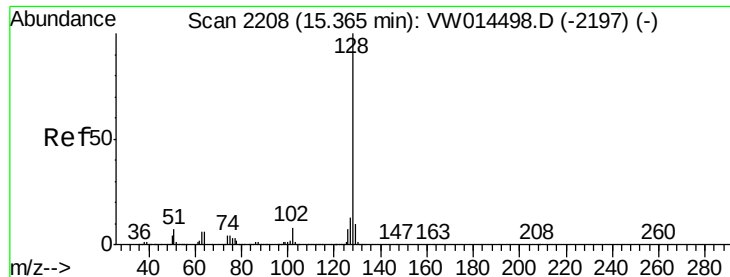
Acq: 22 Jan 2020 14:41

Tgt Ion:	225	Resp:	125785
Ion Ratio	Lower	Upper	
225	100		
223	62.8	32.4	97.2
227	65.3	32.6	97.8



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





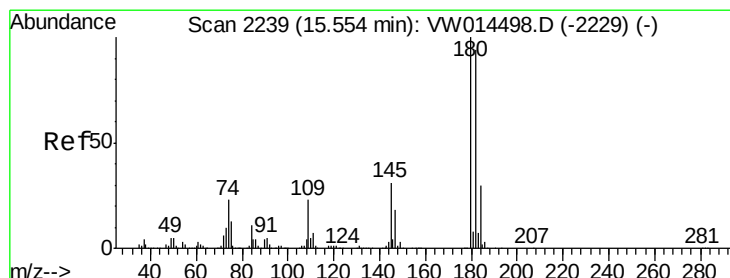
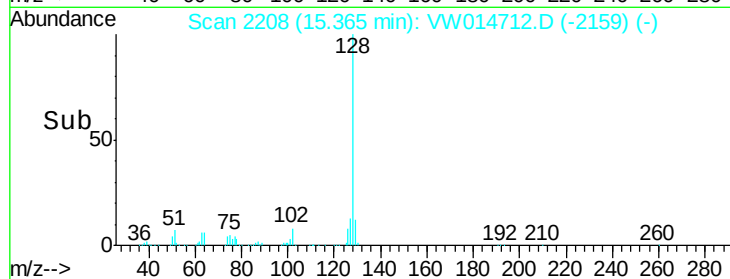
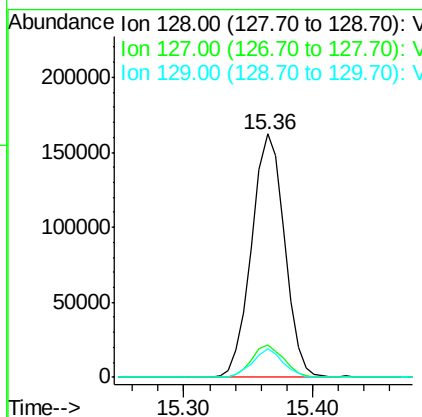
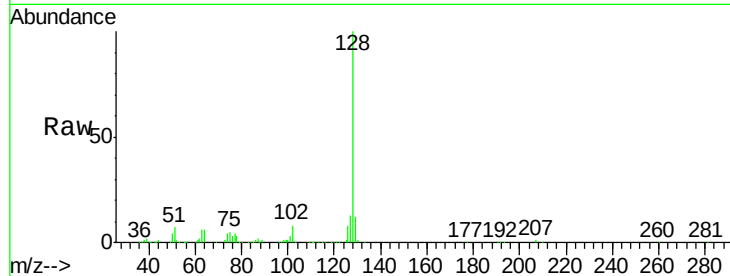
#95
Naphthalene
Concen: 20.263 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Instrument :
MSVOA_W
ClientSampleId :
VW0122SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/23/2020 2:33:04 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.618 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014712.D
Acq: 22 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.4	142.2
145	30.3	15.5	46.5

