

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091019\
 Data File : VW012863.D
 Acq On : 10 Sep 2019 12:05
 Operator : SY/VA
 Sample : VW0910SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2019 9:26:52 AM

Quant Time: Sep 10 15:13:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	235737	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	346800	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	303151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	119248	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
35) Dibromofluoromethane	7.88	113	99847	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	10.32	98	417451	51.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.62	95	145695	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	26724	20.911	ug/l	92
3) Chloromethane	2.21	50	33955	21.862	ug/l	93
4) Vinyl Chloride	2.35	62	40338	21.182	ug/l	98
5) Bromomethane	2.71	94	22092	21.364	ug/l	96
6) Chloroethane	2.84	64	22995	20.235	ug/l	95
7) Trichlorofluoromethane	3.20	101	26091	19.854	ug/l	91
8) Diethyl Ether	3.67	74	20325	18.402	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.04	101	39211	19.013	ug/l	95
10) Methyl Iodide	4.25	142	51131	19.695	ug/l	97
11) Tert butyl alcohol	5.12	59	37132m	184.254	ug/l	
12) 1,1-Dichloroethene	4.02	96	36879	18.944	ug/l	89
13) Acrolein	3.88	56	18102	84.646	ug/l	99
14) Allyl chloride	4.65	41	69161	17.174	ug/l	99
15) Acrylonitrile	5.35	53	51491	79.817	ug/l	99
16) Acetone	4.11	43	50713	70.624	ug/l	99
17) Carbon Disulfide	4.35	76	74720	18.082	ug/l	99
18) Methyl Acetate	4.65	43	26927	15.983	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	73840	19.125	ug/l	100
20) Methylene Chloride	4.90	84	42917	19.104	ug/l	95
21) trans-1,2-Dichloroethene	5.40	96	39012	19.640	ug/l	96
22) Diisopropyl ether	6.30	45	146248	18.310	ug/l	96
23) Vinyl Acetate	6.24	43	430123	84.972	ug/l	99
24) 1,1-Dichloroethane	6.20	63	80247	18.659	ug/l	98
25) 2-Butanone	7.16	43	72325	82.701	ug/l	98
26) 2,2-Dichloropropane	7.16	77	51042	18.791	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	45576	19.788	ug/l	96
28) Bromochloromethane	7.50	49	31071	15.734	ug/l	88
29) Tetrahydrofuran	7.52	42	45093	77.764	ug/l	95
30) Chloroform	7.66	83	80124	18.798	ug/l	96
31) Cyclohexane	7.95	56	73915	19.091	ug/l #	88
32) 1,1,1-Trichloroethane	7.87	97	64778	18.749	ug/l	98
36) 1,1-Dichloropropene	8.07	75	60568	19.656	ug/l	96
37) Ethyl Acetate	7.25	43	31195	15.881	ug/l	97
38) Carbon Tetrachloride	8.06	117	57665	18.984	ug/l	94

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	70559	20.388	ug/l	98
40) Benzene	8.32	78	168718	19.734	ug/l	99
41) Methacrylonitrile	7.48	41	18717	16.780	ug/l	91
42) 1,2-Dichloroethane	8.39	62	54846	18.228	ug/l	99
43) Isopropyl Acetate	8.42	43	59743	16.053	ug/l	96
44) Trichloroethene	9.09	130	45055	20.444	ug/l	97
45) 1,2-Dichloropropane	9.37	63	44711	18.856	ug/l	97
46) Dibromomethane	9.46	93	21078	18.772	ug/l	96
47) Bromodichloromethane	9.64	83	54534	17.653	ug/l	96
48) Methyl methacrylate	9.43	41	28390	15.963	ug/l	98
49) 1,4-Dioxane	9.45	88	5979	269.571	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	158027	80.924	ug/l	99
52) Toluene	10.38	92	106740	20.004	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	57208	18.009	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	66087	18.339	ug/l	98
55) 1,1,2-Trichloroethane	10.78	97	32025	19.051	ug/l	100
56) Ethyl methacrylate	10.64	69	44254	17.984	ug/l	94
57) 1,3-Dichloropropane	10.93	76	56475	18.160	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	116862	89.457	ug/l	97
59) 2-Hexanone	10.96	43	108871	76.311	ug/l	98
60) Dibromochloromethane	11.13	129	35739	18.077	ug/l	100
61) 1,2-Dibromoethane	11.23	107	29568	19.185	ug/l	98
64) Tetrachloroethene	10.86	164	37674	20.481	ug/l	98
65) Chlorobenzene	11.65	112	114182	19.928	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	40681	19.066	ug/l	98
67) Ethyl Benzene	11.73	91	216474	20.137	ug/l	98
68) m/p-Xylenes	11.83	106	159205	41.029	ug/l	96
69) o-Xylene	12.16	106	75237	20.552	ug/l	94
70) Styrene	12.18	104	129919	20.084	ug/l	98
71) Bromoform	12.35	173	20757	17.509	ug/l #	98
73) Isopropylbenzene	12.46	105	213953	19.878	ug/l	100
74) N-amyl acetate	12.27	43	55461	16.234	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	35753	16.540	ug/l	97
76) 1,2,3-Trichloropropane	12.76	75	24582m	16.020	ug/l	
77) Bromobenzene	12.74	156	48531	19.902	ug/l	94
78) n-propylbenzene	12.80	91	255814	19.872	ug/l	100
79) 2-Chlorotoluene	12.89	91	145441	19.681	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	181012	19.958	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	11648	16.055	ug/l	97
82) 4-Chlorotoluene	12.99	91	152014	19.447	ug/l	97
83) tert-Butylbenzene	13.21	119	162280	20.236	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	184836	20.226	ug/l	100
85) sec-Butylbenzene	13.38	105	219609	19.735	ug/l	98
86) p-Isopropyltoluene	13.49	119	203969	20.067	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	96183	20.067	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	94554	19.825	ug/l	98
89) n-Butylbenzene	13.82	91	195744	19.836	ug/l	99
90) Hexachloroethane	14.09	117	32677	18.415	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	83490	19.353	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6168	15.592	ug/l	95

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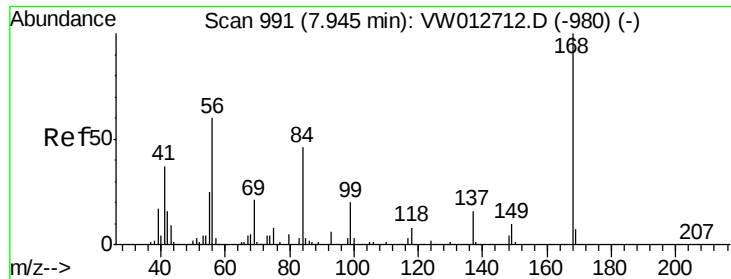
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	62779	20.902	ug/l	98
94) Hexachlorobutadiene	15.23	225	43060	20.713	ug/l	97
95) Naphthalene	15.36	128	101709	19.159	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	54938	20.722	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion:168 Resp: 235737

Ion Ratio Lower Upper

168 100

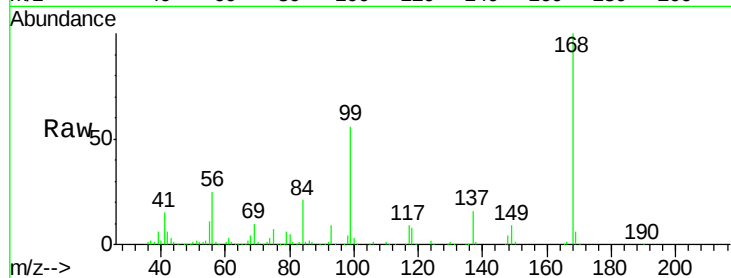
99 55.8 47.8 71.6

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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

120000

100000

80000

60000

40000

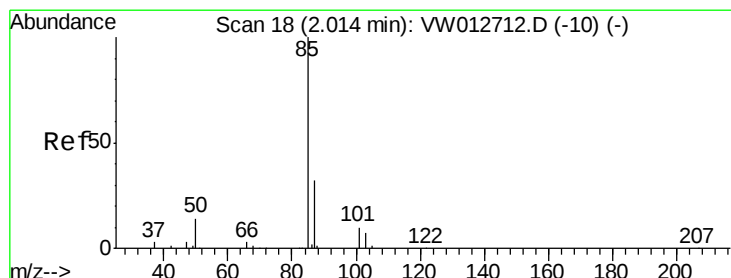
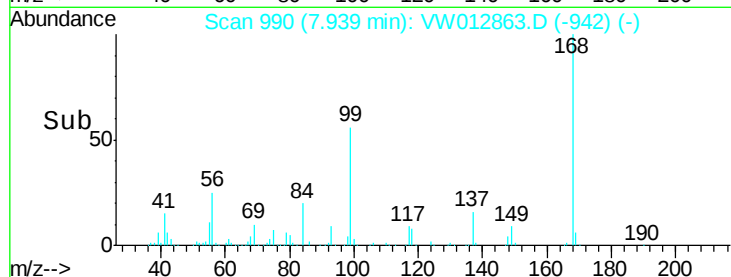
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 20.911 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012863.D

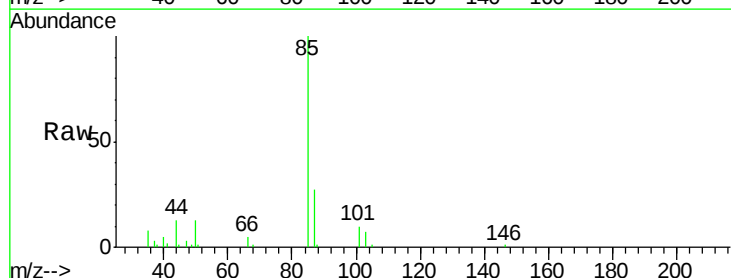
Acq: 10 Sep 2019 12:05

Tgt Ion: 85 Resp: 26724

Ion Ratio Lower Upper

85 100

87 26.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

12000

10000

8000

6000

4000

2000

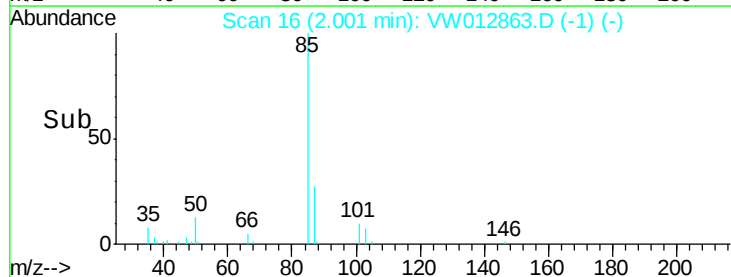
0

1.90

2.00

2.10

Time-->





#3

Chloromethane

Concen: 21.862 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion: 50 Resp: 33955

Ion Ratio Lower Upper

50 100

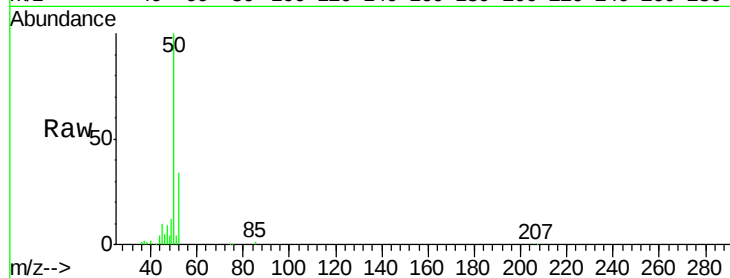
52 34.2 24.2 36.2

Manual Integrations

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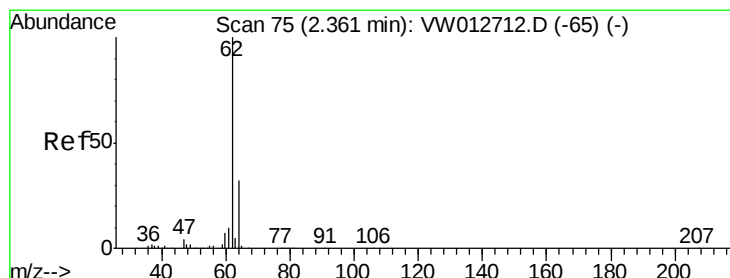
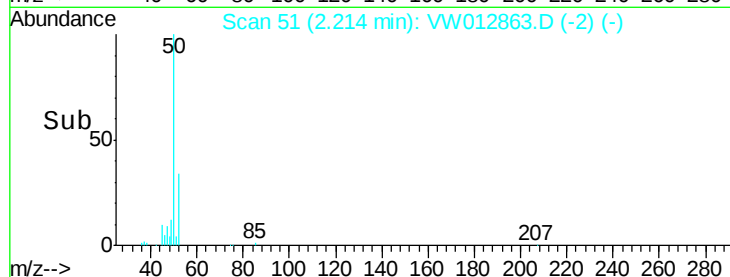
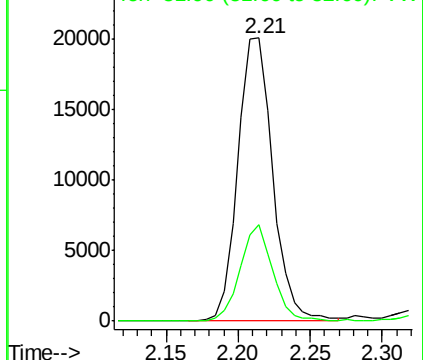
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 21.182 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012863.D

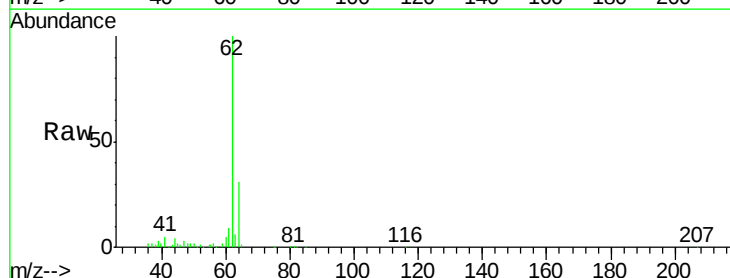
Acq: 10 Sep 2019 12:05

Tgt Ion: 62 Resp: 40338

Ion Ratio Lower Upper

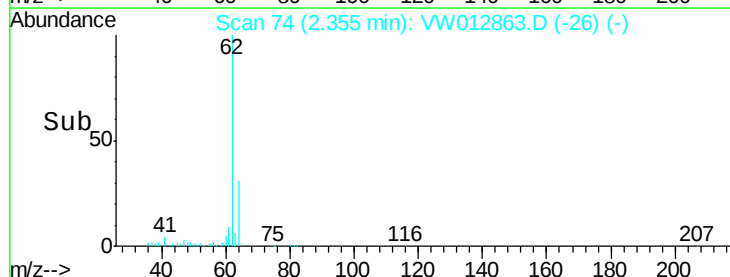
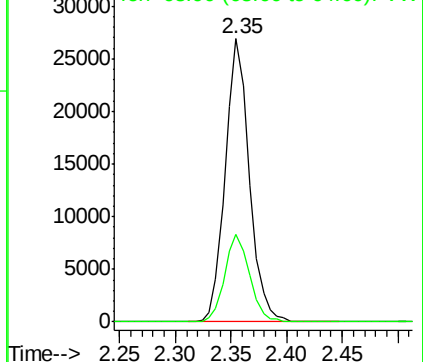
62 100

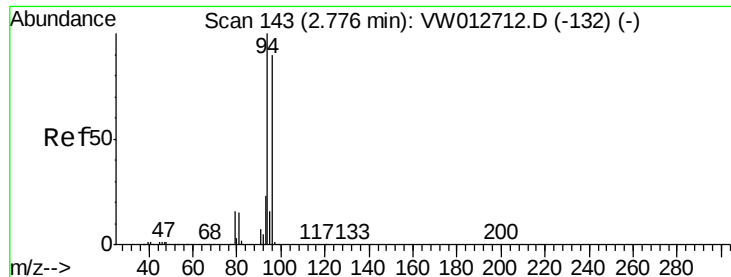
64 30.7 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 21.364 ug/l

RT: 2.71 min Scan# 132

Delta R.T. -0.07 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion: 94 Resp: 22092

Ion Ratio Lower Upper

94 100

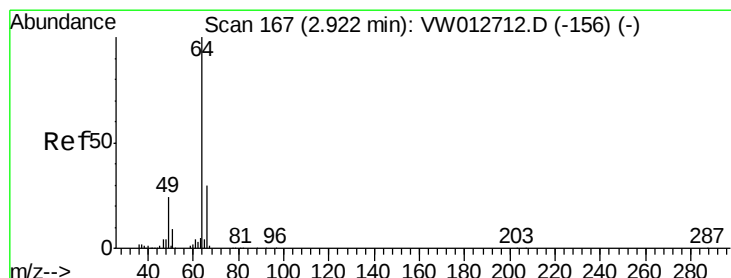
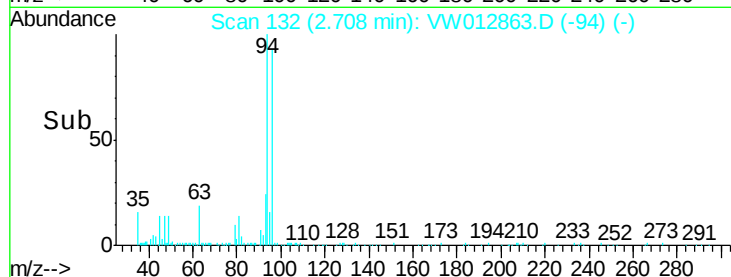
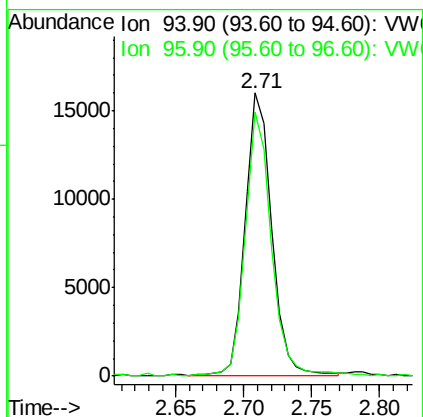
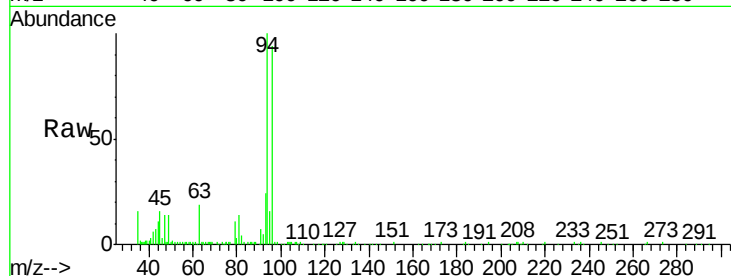
96 93.6 72.1 108.1

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#6

Chloroethane

Concen: 20.235 ug/l

RT: 2.84 min Scan# 153

Delta R.T. -0.09 min

Lab File: VW012863.D

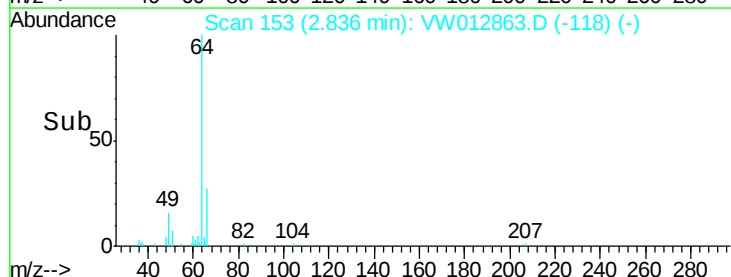
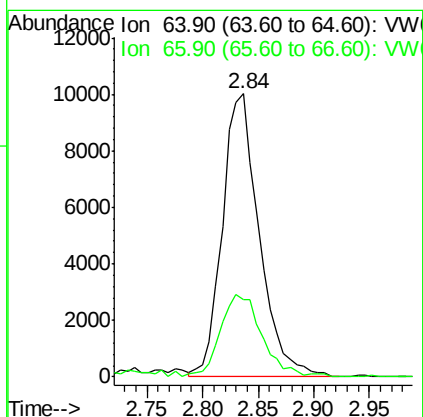
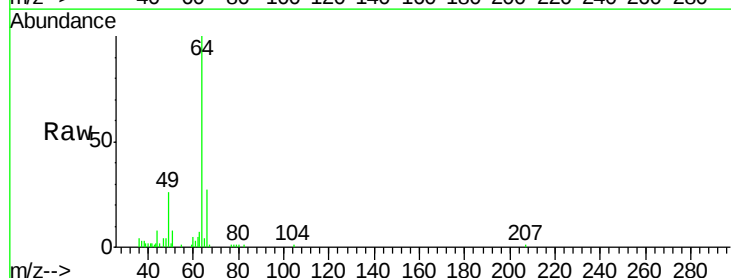
Acq: 10 Sep 2019 12:05

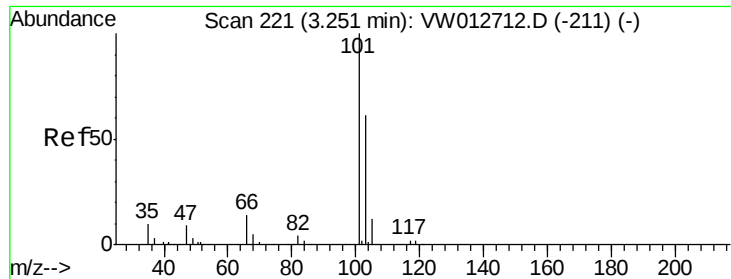
Tgt Ion: 64 Resp: 22995

Ion Ratio Lower Upper

64 100

66 27.2 23.8 35.6





#7

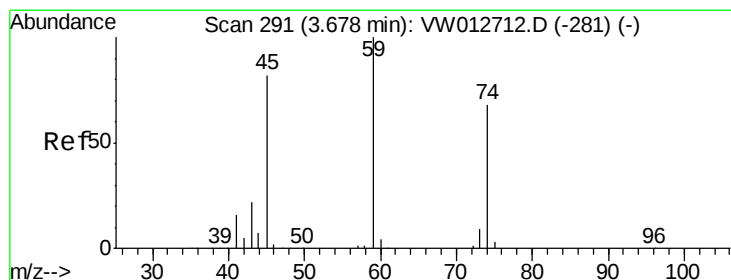
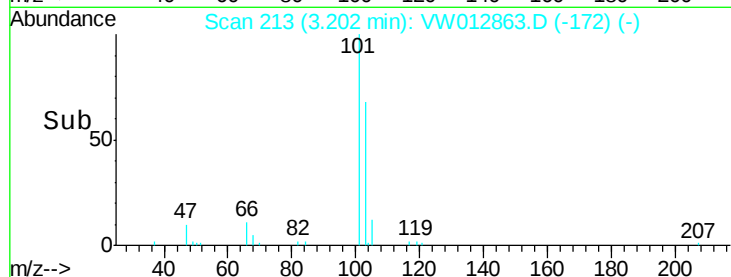
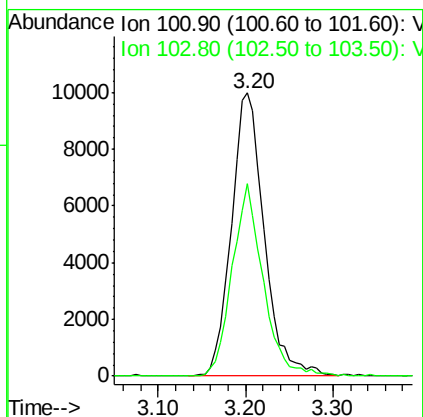
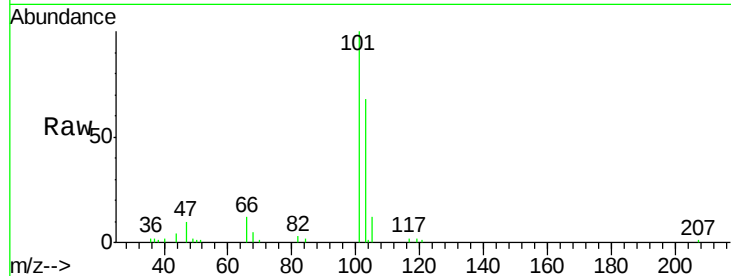
Trichlorofluoromethane
 Concen: 19.854 ug/l
 RT: 3.20 min Scan# 213
 Delta R.T. -0.05 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Instrument :
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 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	26091		
103	68.1	49.0	73.4	

Manual Integrations
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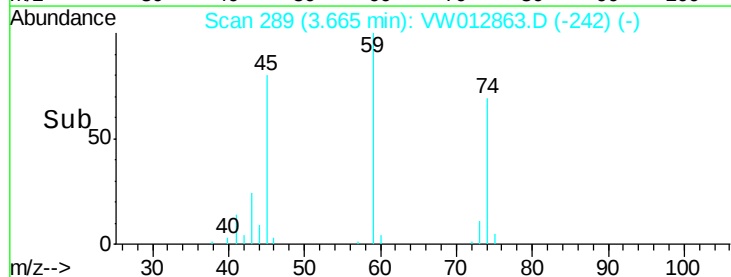
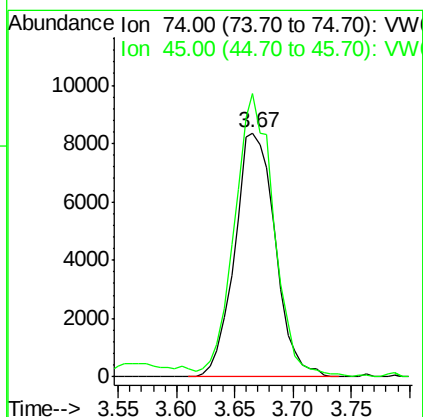
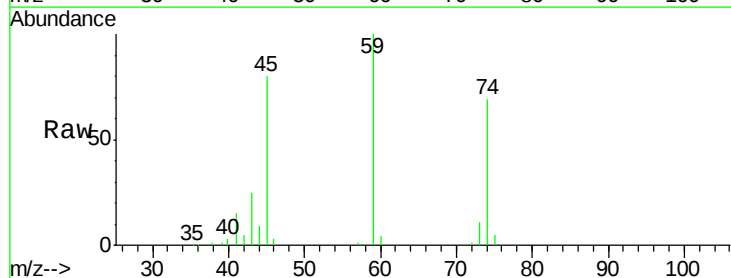
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 9/11/2019 9:26:52 AM

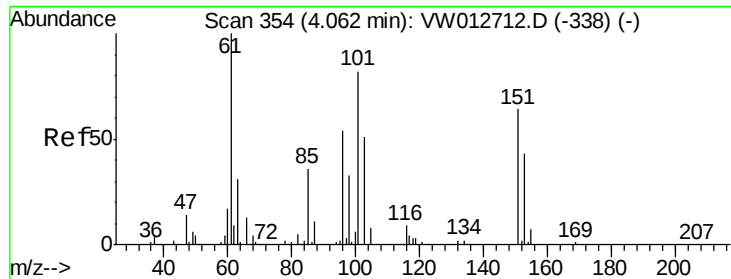


#8

Diethyl Ether
 Concen: 18.402 ug/l
 RT: 3.67 min Scan# 289
 Delta R.T. -0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	20325		
45	112.8	58.8	176.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.013 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.02 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

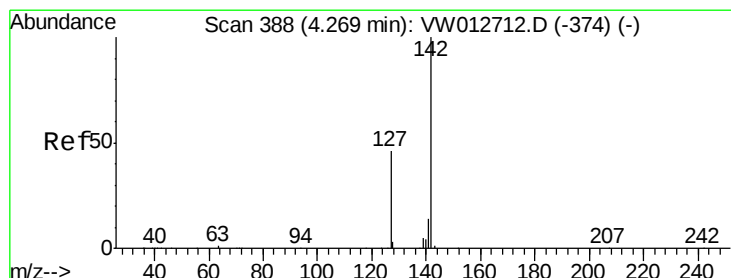
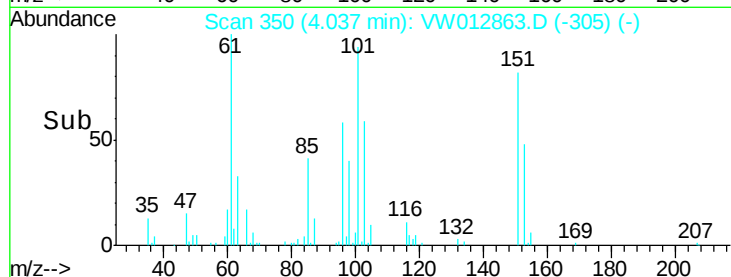
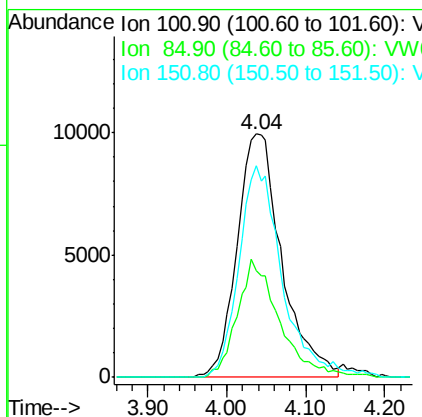
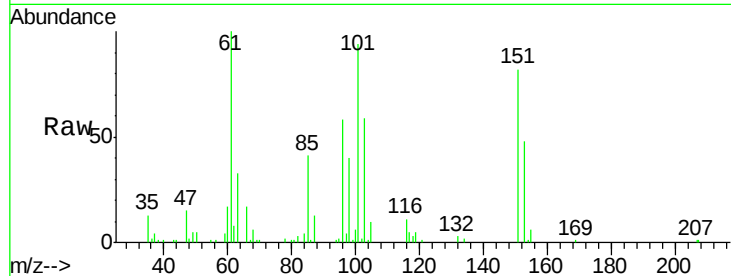
ClientSampled :

VW0910SBS01

Tot Ion:	101	Resp:	39211
Ion Ratio	Lower	Upper	
101	100		
85	45.7	36.2	54.2
151	83.6	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.695 ug/l

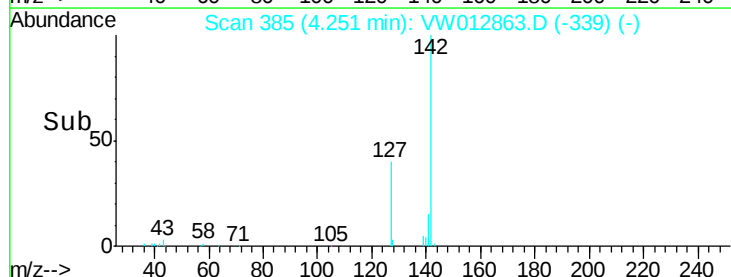
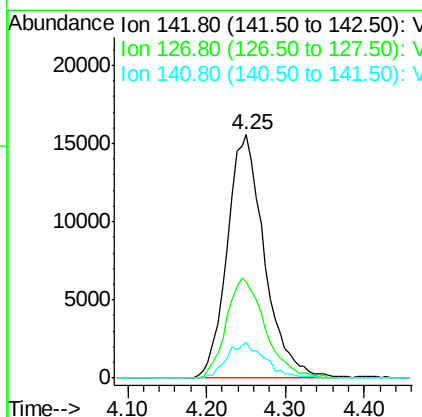
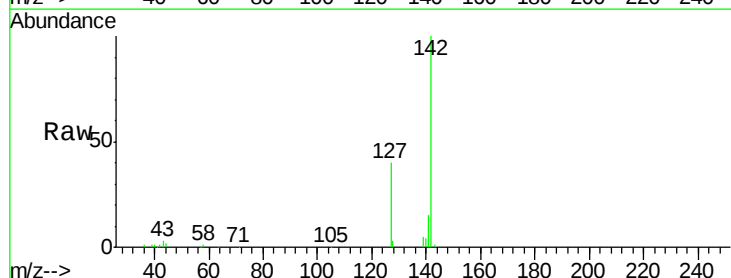
RT: 4.25 min Scan# 385

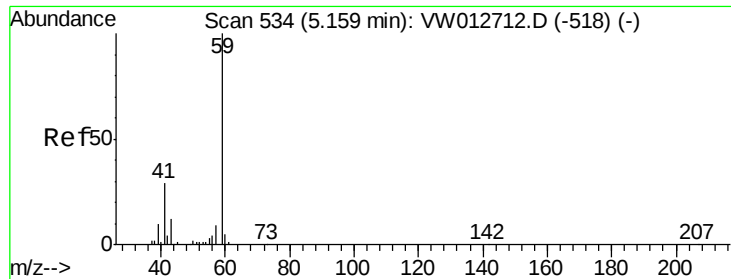
Delta R.T. -0.02 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Tgt Ion:	142	Resp:	51131
Ion Ratio	Lower	Upper	
142	100		
127	42.9	36.0	54.0
141	15.0	12.2	18.4





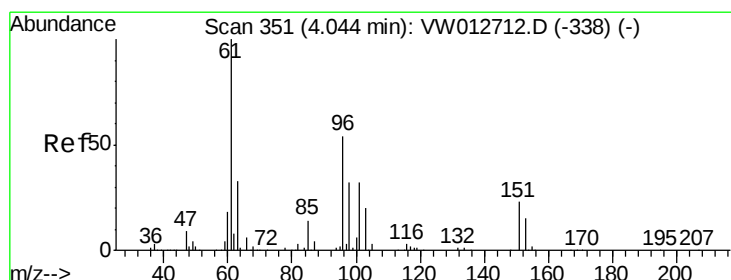
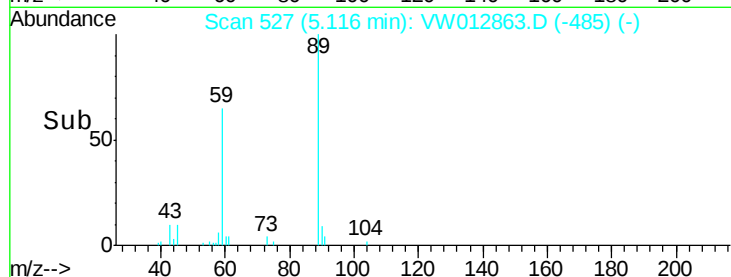
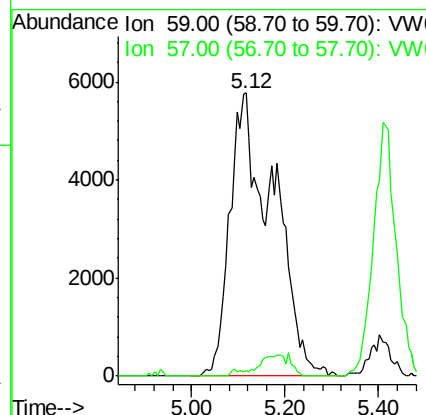
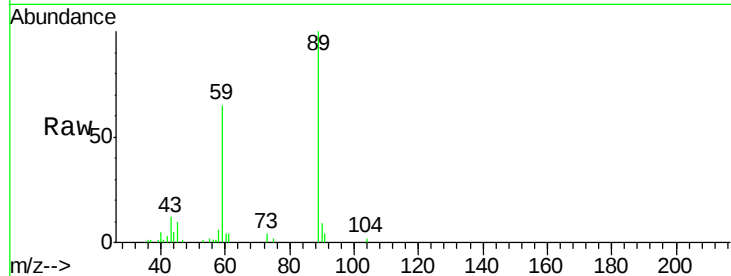
#11
Tert butyl alcohol
Concen: 184.254 ug/l m
RT: 5.12 min Scan# 527
Delta R.T. -0.04 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion: 59 Resp: 37132
Ion Ratio Lower Upper
59 100
57 2.9 8.2 12.4#

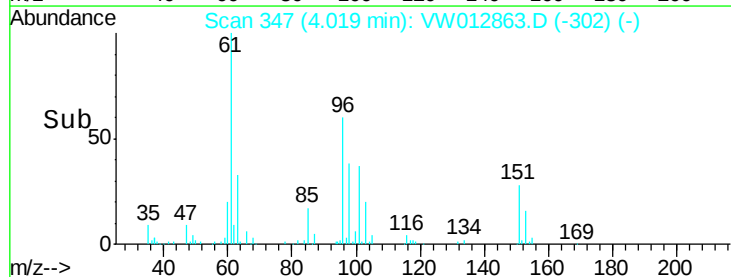
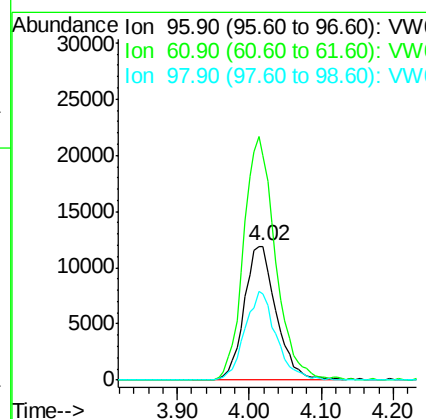
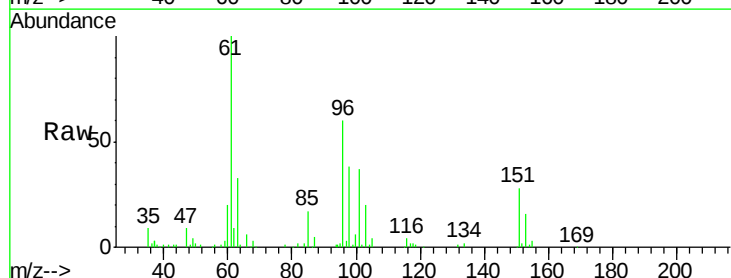
Manual Integrations
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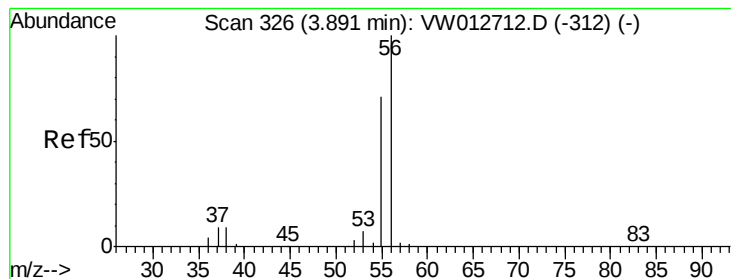
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#12
1,1-Dichloroethene
Concen: 18.944 ug/l
RT: 4.02 min Scan# 347
Delta R.T. -0.02 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion: 96 Resp: 36879
Ion Ratio Lower Upper
96 100
61 166.8 147.8 221.6
98 63.9 47.9 71.9





#13

Acrolein

Concen: 84.646 ug/l

RT: 3.88 min Scan# 324

Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion: 56 Resp: 18102

Ion Ratio Lower Upper

56 100

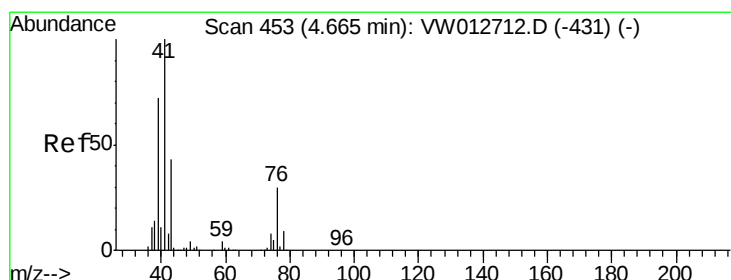
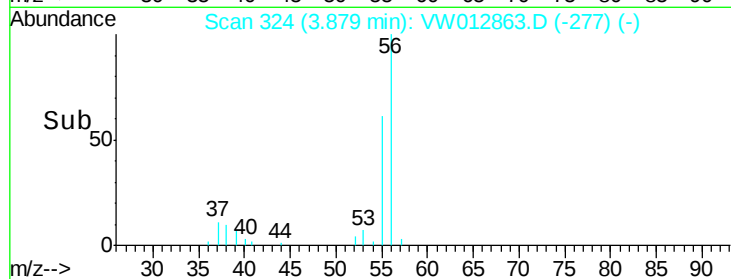
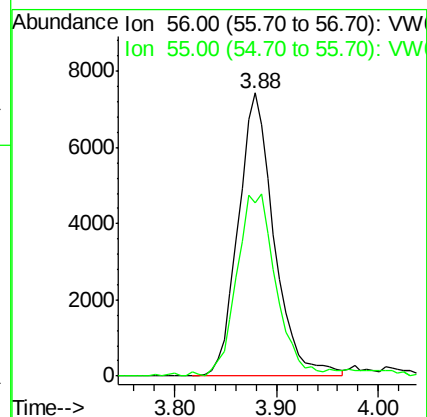
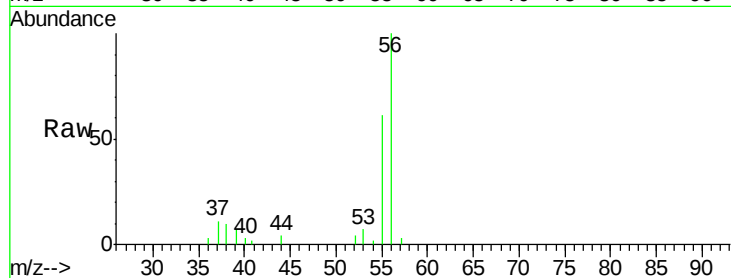
55 70.3 56.9 85.3

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#14

Allyl chloride

Concen: 17.174 ug/l

RT: 4.65 min Scan# 450

Delta R.T. -0.02 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

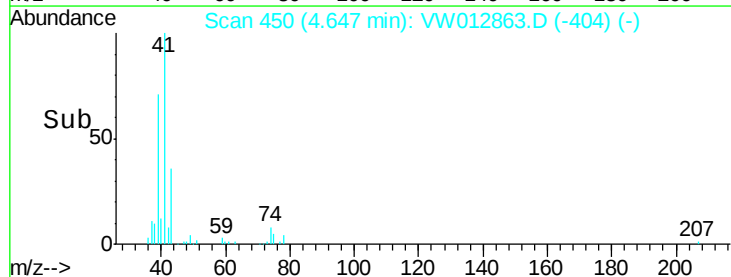
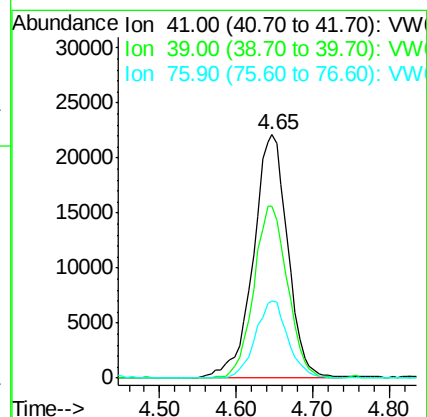
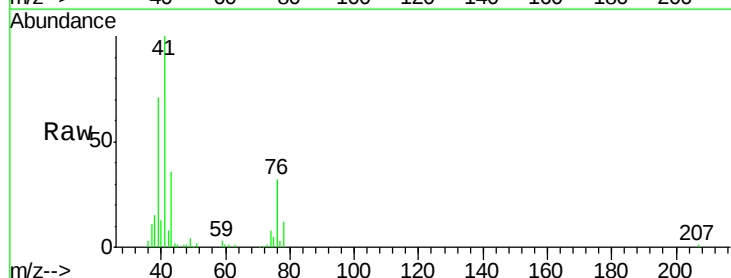
Tgt Ion: 41 Resp: 69161

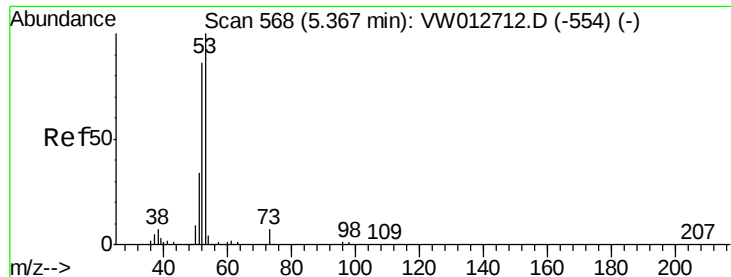
Ion Ratio Lower Upper

41 100

39 69.2 55.0 82.6

76 30.0 23.0 34.4





#15

Acrylonitrile

Concen: 79.817 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

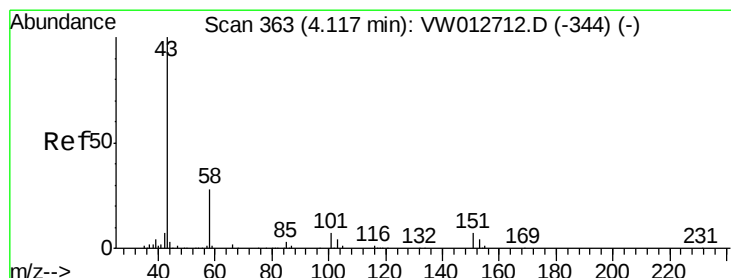
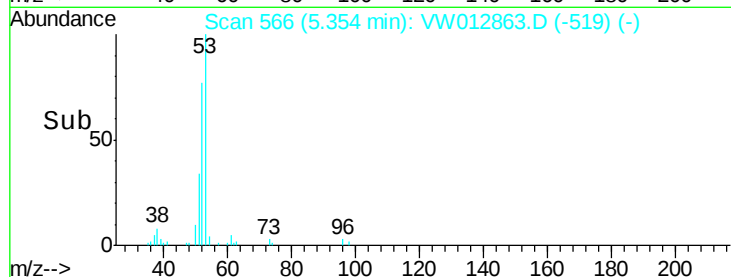
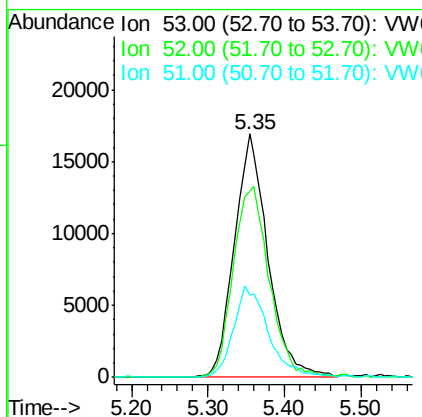
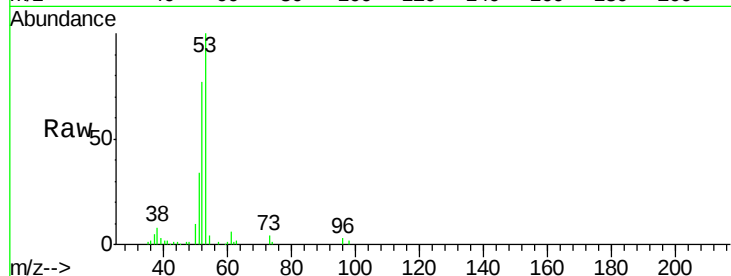
ClientSampleId :

VW0910SBS01

Tot Ion:	53	Resp:	51491
Ion Ratio	Lower	Upper	
53	100		
52	84.2	67.0	100.4
51	38.8	29.8	44.8

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#16

Acetone

Concen: 70.624 ug/l

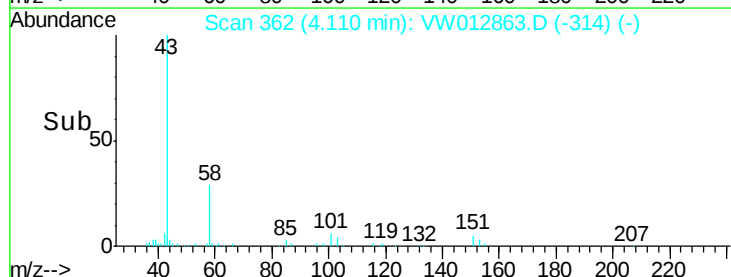
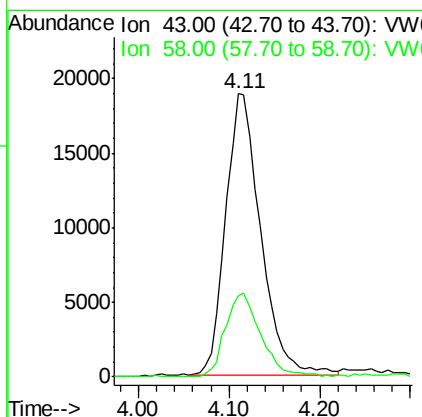
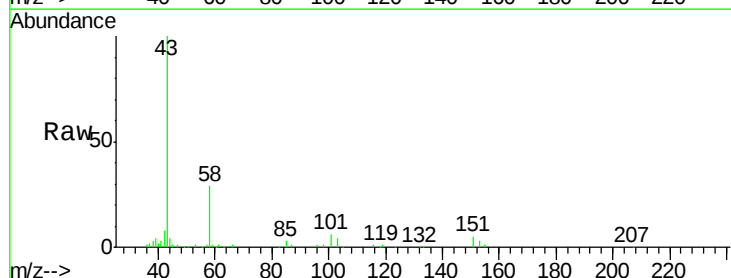
RT: 4.11 min Scan# 362

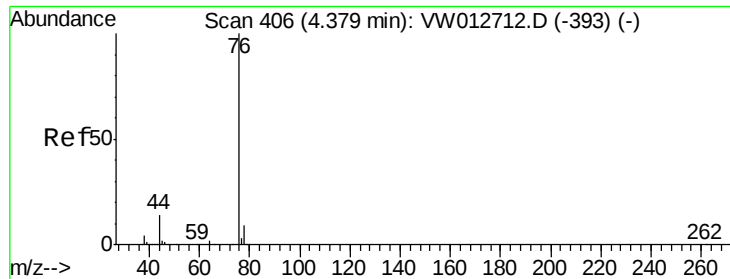
Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Tgt Ion:	43	Resp:	50713
Ion Ratio	Lower	Upper	
43	100		
58	28.7	22.6	33.8





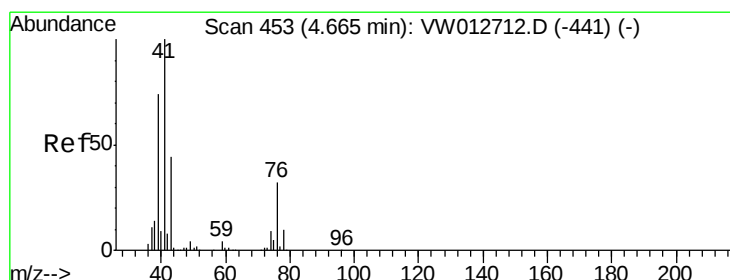
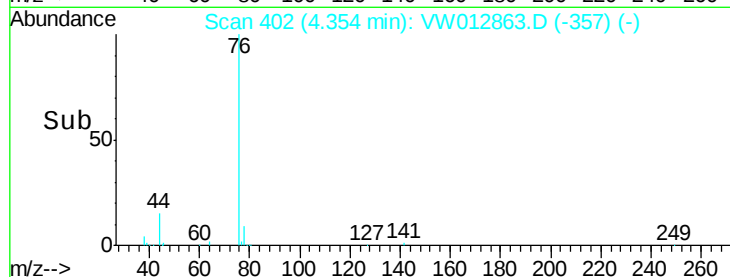
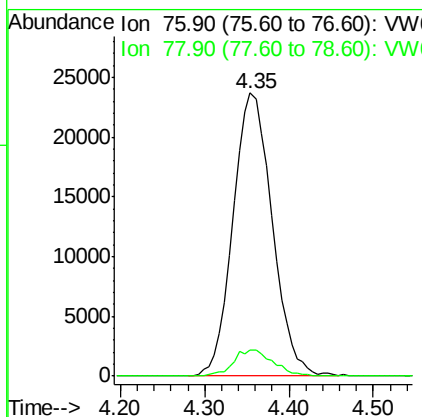
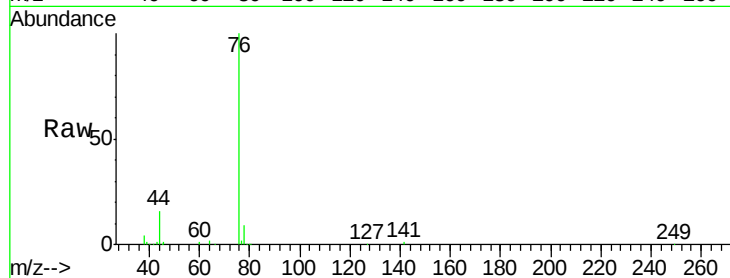
#17
Carbon Disulfide
Concen: 18.082 ug/l
RT: 4.35 min Scan# 402
Delta R.T. -0.02 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

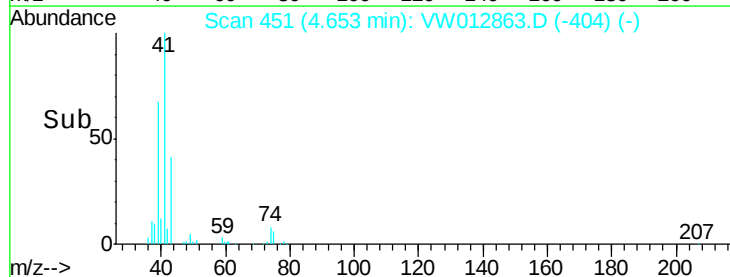
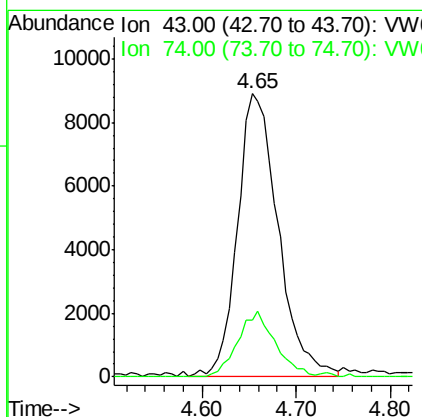
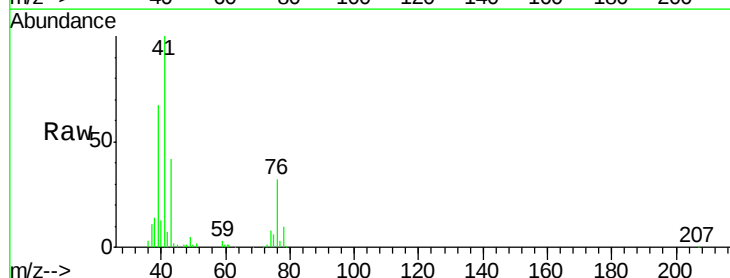
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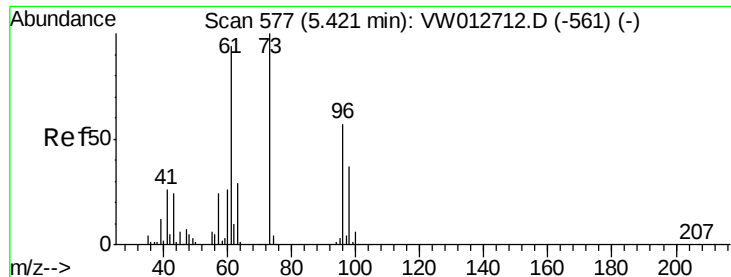
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#18
Methyl Acetate
Concen: 15.983 ug/l
RT: 4.65 min Scan# 451
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.2	15.8	23.6





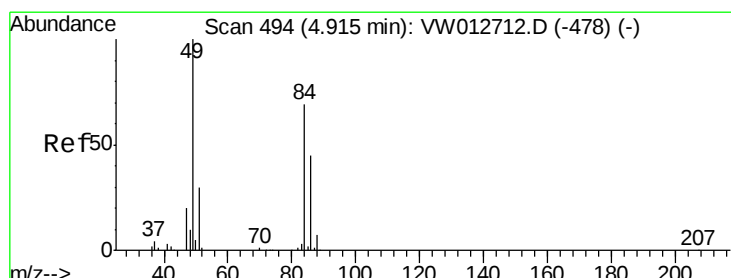
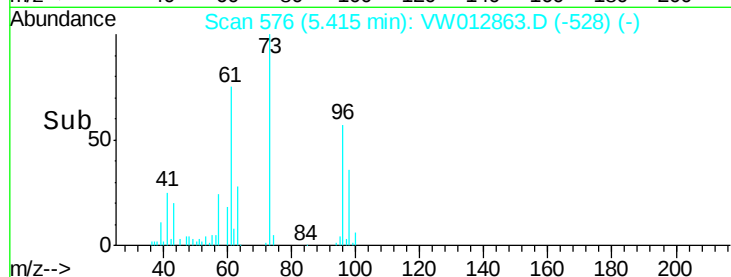
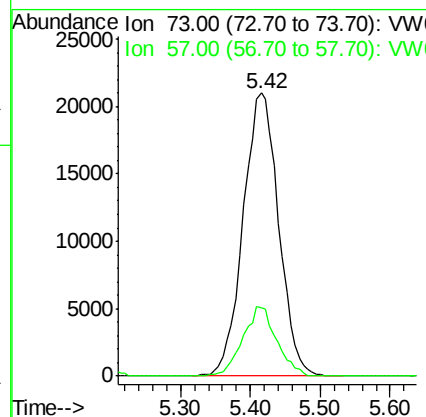
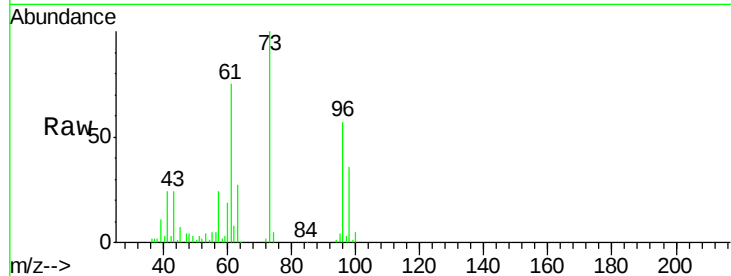
#19
Methyl tert-butyl Ether
Concen: 19.125 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion: 73 Resp: 73840
Ion Ratio Lower Upper
73 100
57 24.2 19.2 28.8

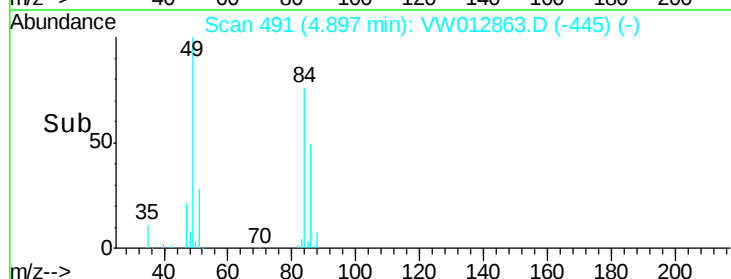
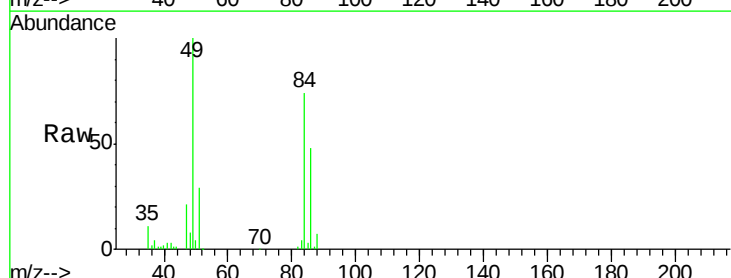
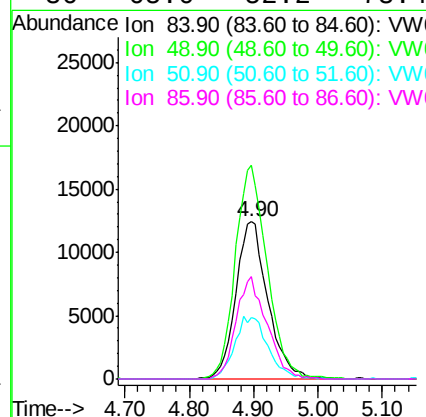
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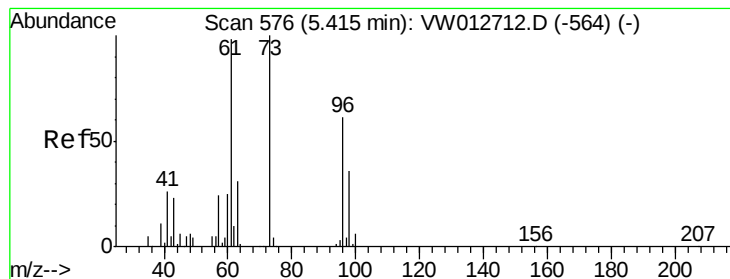
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#20
Methylene Chloride
Concen: 19.104 ug/l
RT: 4.90 min Scan# 491
Delta R.T. -0.02 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion: 84 Resp: 42917
Ion Ratio Lower Upper
84 100
49 135.9 115.4 173.0
51 39.5 34.9 52.3
86 65.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.640 ug/l

RT: 5.40 min Scan# 574

Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

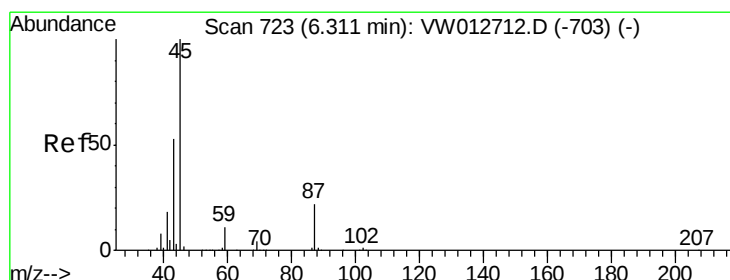
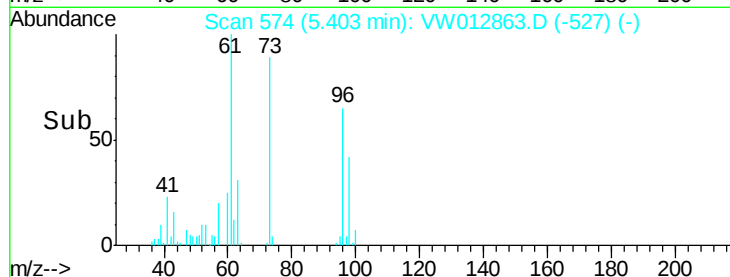
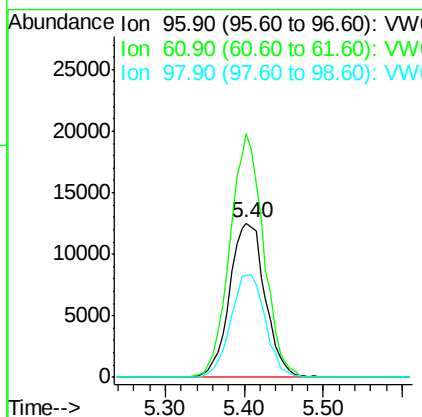
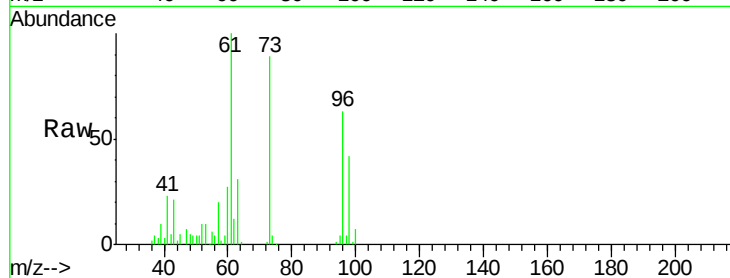
ClientSampled :

VW0910SBS01

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Tot Ion:	96	Resp:	39012
Ion	Ratio	Lower	Upper
96	100		
61	157.6	129.2	193.8
98	65.6	48.0	72.0



#22

Diisopropyl ether

Concen: 18.310 ug/l

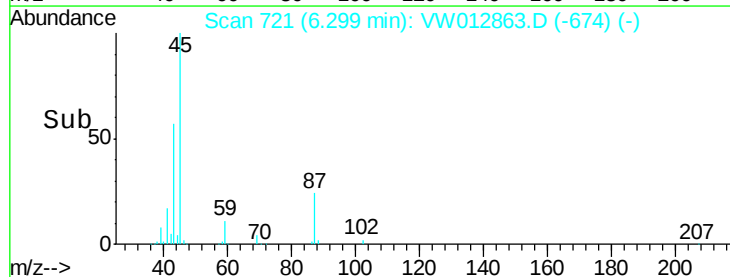
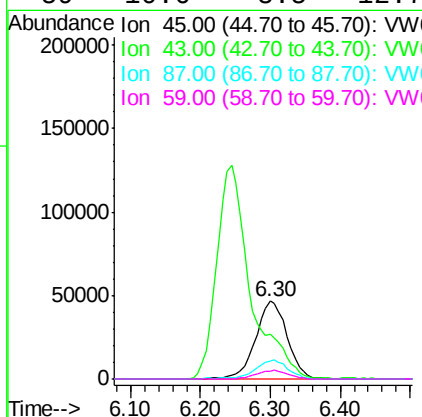
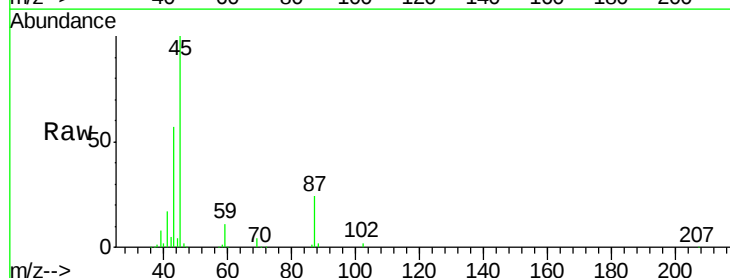
RT: 6.30 min Scan# 721

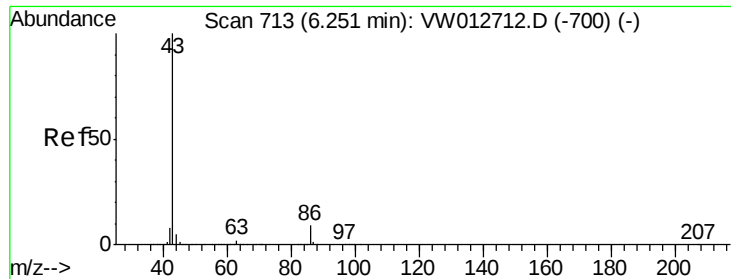
Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Tgt Ion:	45	Resp:	146248
Ion	Ratio	Lower	Upper
45	100		
43	56.5	42.3	63.5
87	23.8	18.2	27.2
59	10.6	8.5	12.7





#23

Vinyl Acetate

Concen: 84.972 ug/l

RT: 6.24 min Scan# 712

Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion: 43 Resp: 430123

Ion Ratio Lower Upper

43 100

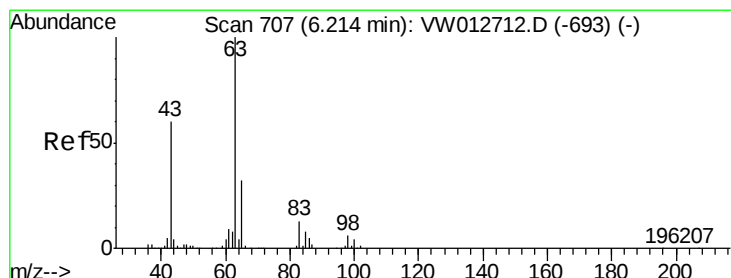
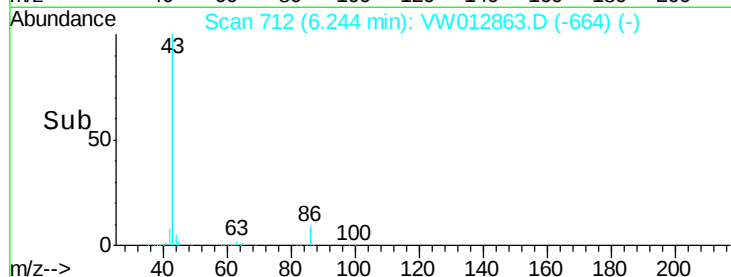
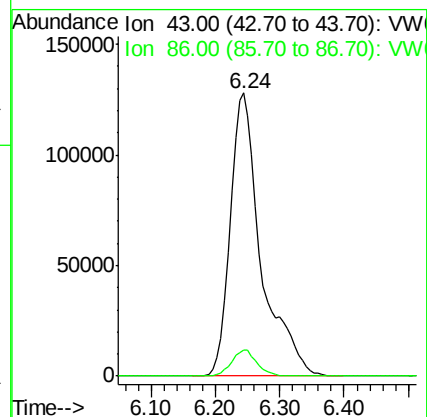
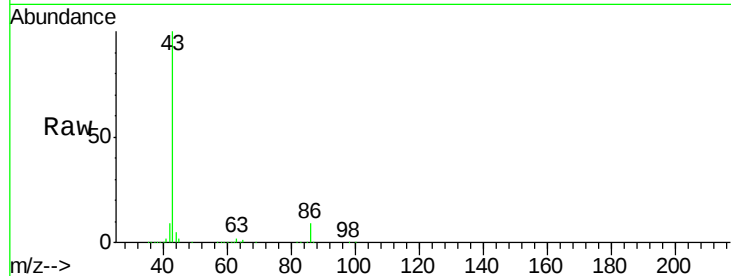
86 9.3 7.0 10.6

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#24

1,1-Dichloroethane

Concen: 18.659 ug/l

RT: 6.20 min Scan# 705

Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

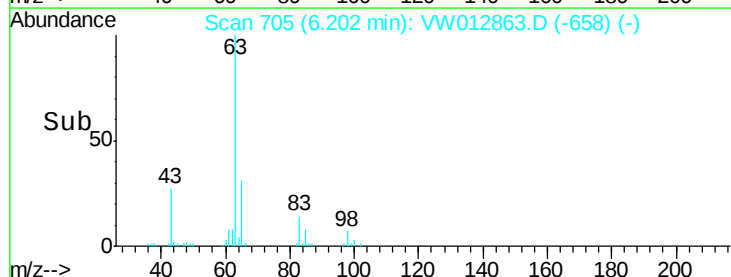
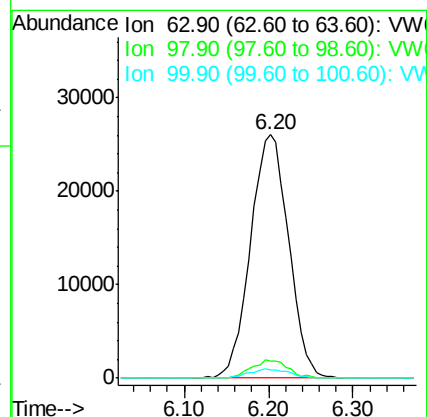
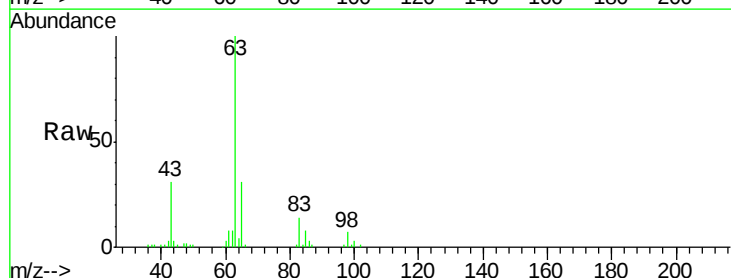
Tgt Ion: 63 Resp: 80247

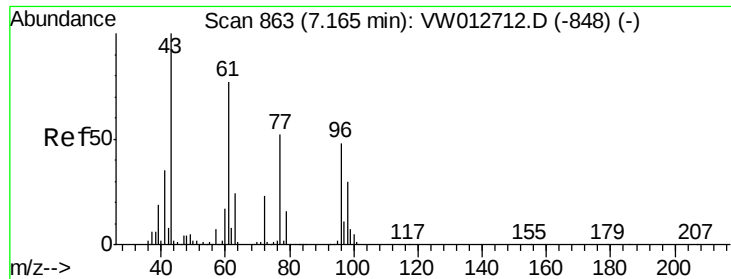
Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.3

100 3.2 1.8 5.5





#25

2-Butanone

Concen: 82.701 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion: 43 Resp: 72325

Ion Ratio Lower Upper

43 100

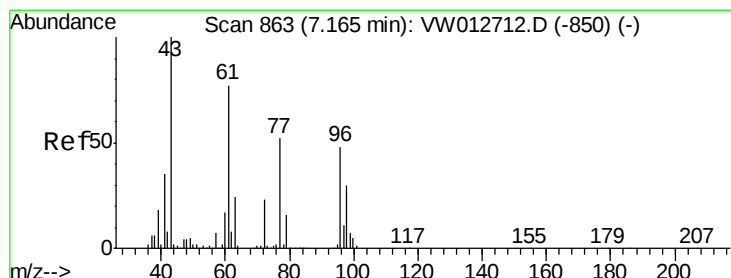
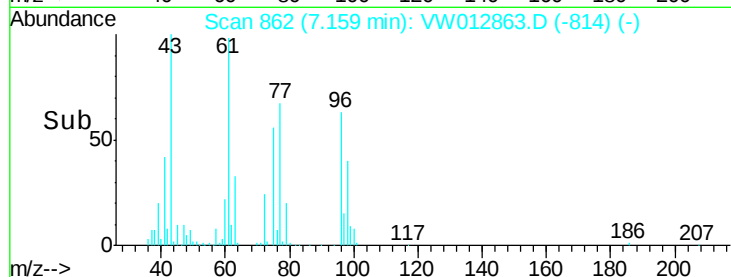
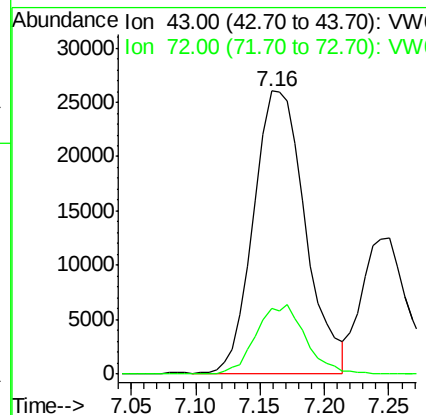
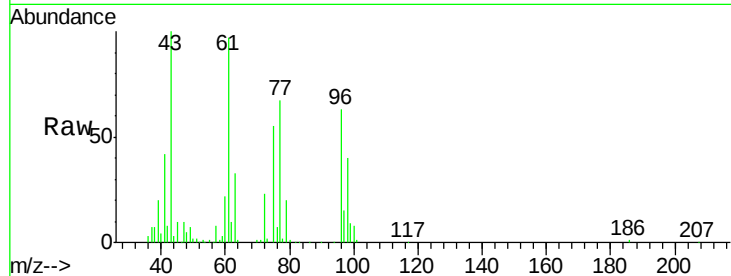
72 23.5 18.0 27.0

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#26

2,2-Dichloropropane

Concen: 18.791 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012863.D

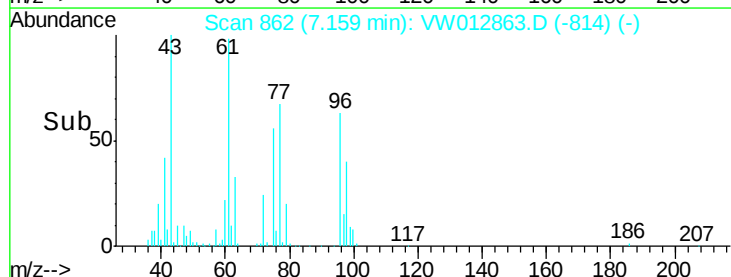
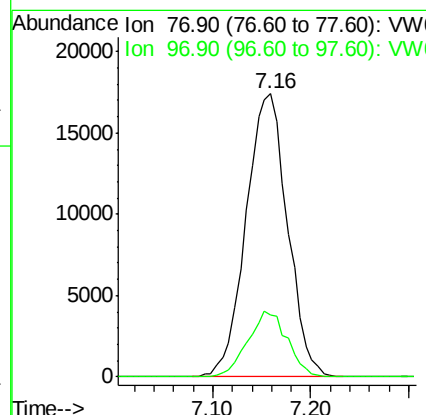
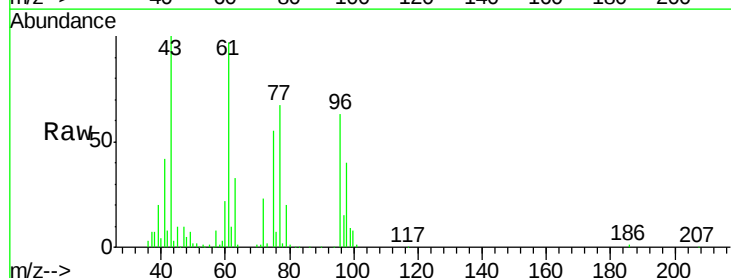
Acq: 10 Sep 2019 12:05

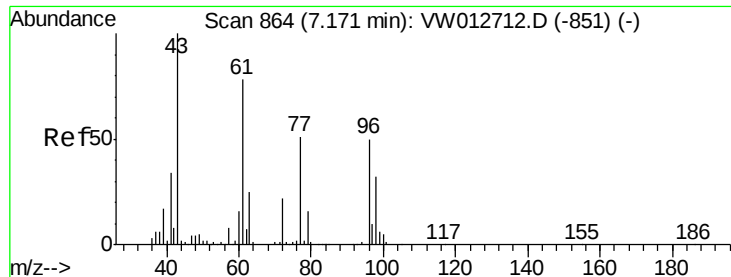
Tgt Ion: 77 Resp: 51042

Ion Ratio Lower Upper

77 100

97 22.1 10.7 32.1





#27

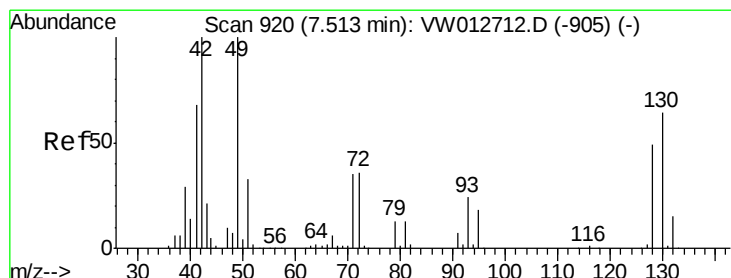
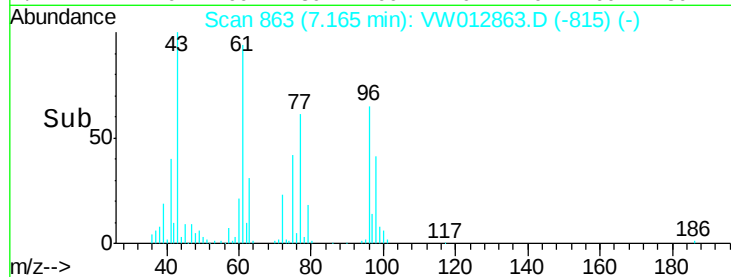
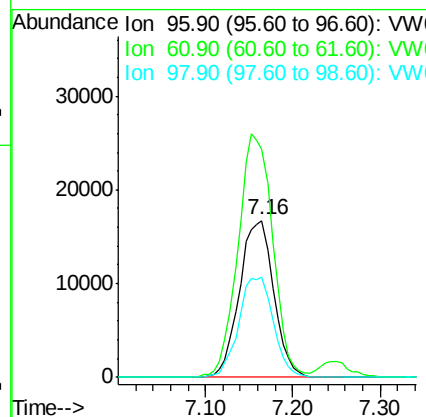
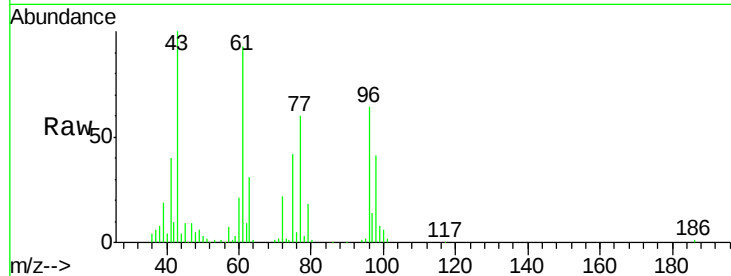
cis-1,2-Dichloroethene
Concen: 19.788 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.0	0.0	325.8
98	64.5	0.0	127.0

Manual Integrations
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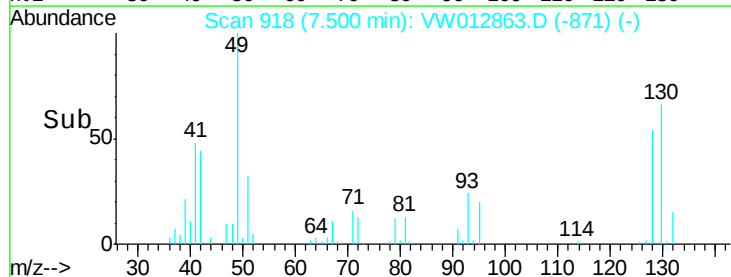
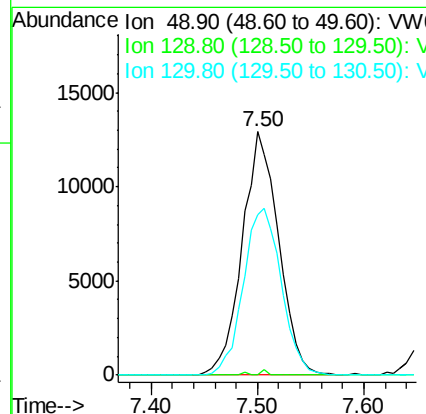
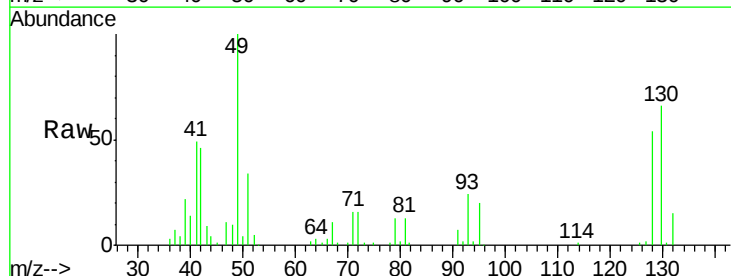
MMDadoda
9/11/2019 9:26:52 AM

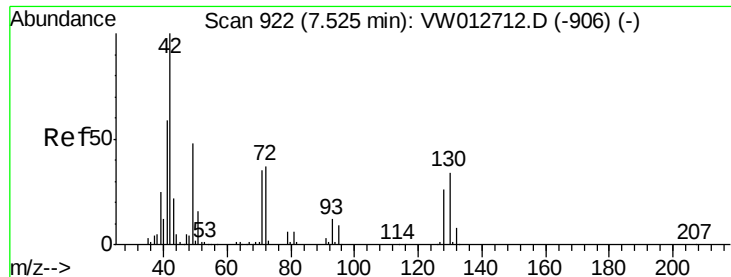


#28

Bromochloromethane
Concen: 15.734 ug/l
RT: 7.50 min Scan# 918
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	0.8
130	71.3	49.8	74.8





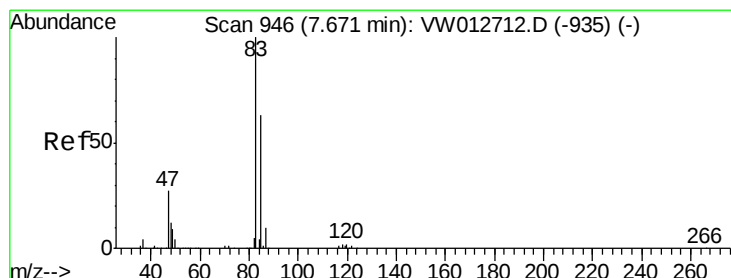
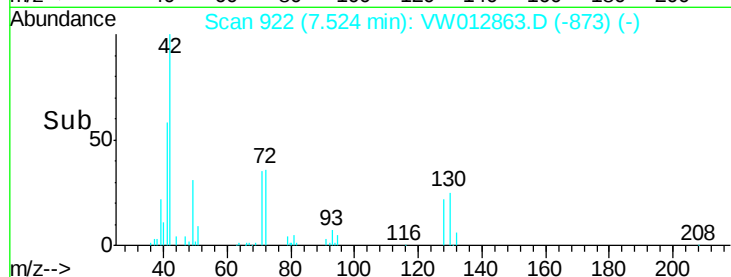
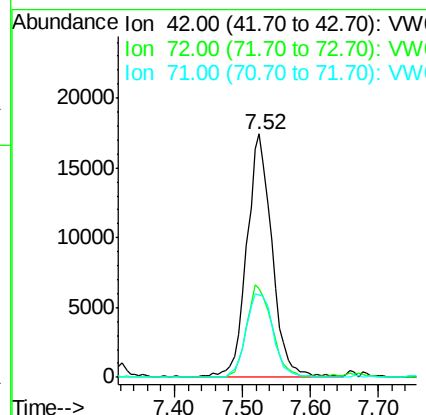
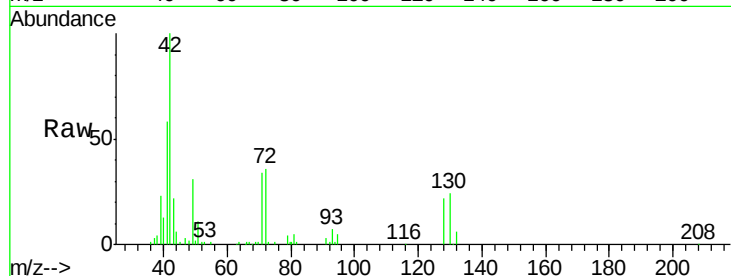
#29
Tetrahydrofuran
Concen: 77.764 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion:	42	Resp:	45093
Ion Ratio	Lower	Upper	
42	100		
72	38.1	28.4	42.6
71	37.0	27.1	40.7

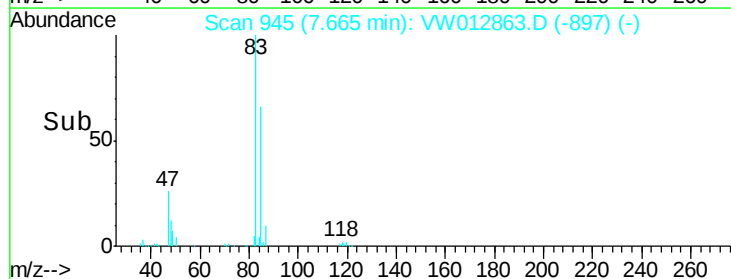
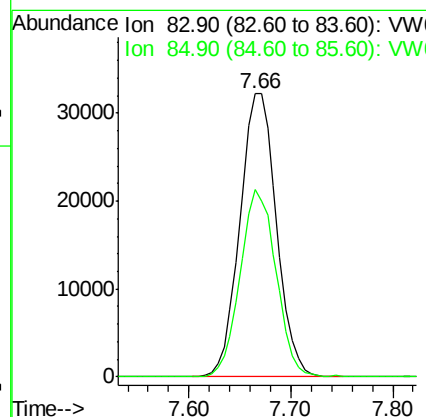
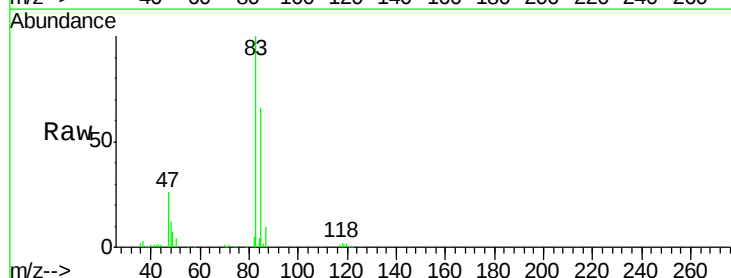
Manual Integrations
APPROVED

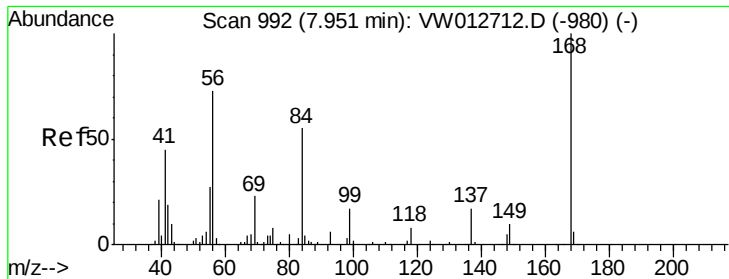
MMDadoda
9/11/2019 9:26:52 AM



#30
Chloroform
Concen: 18.798 ug/l
RT: 7.66 min Scan# 945
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion:	83	Resp:	80124
Ion Ratio	Lower	Upper	
83	100		
85	66.1	50.6	76.0





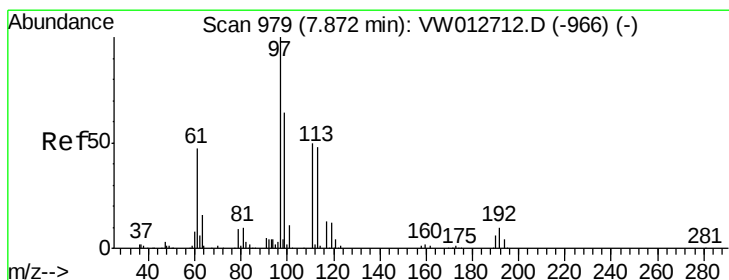
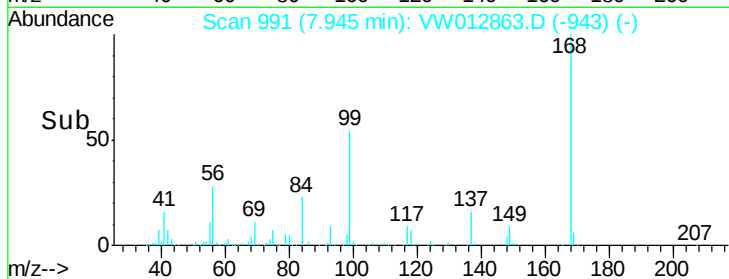
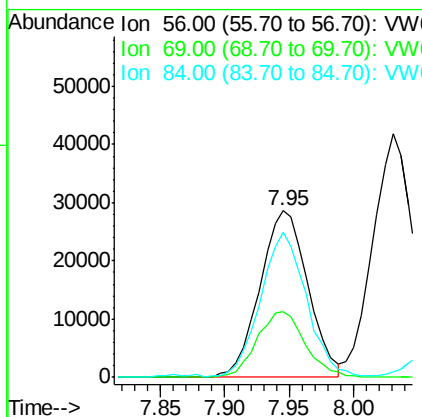
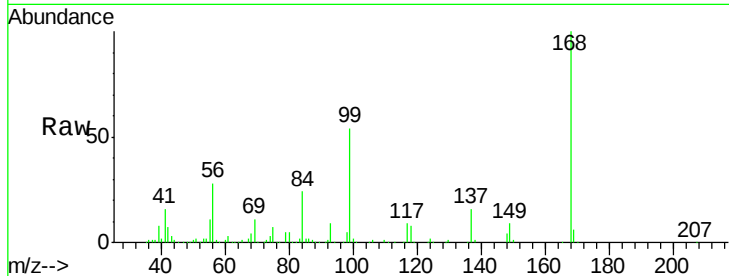
#31
Cyclohexane
Concen: 19.091 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.3	25.7	38.5#
84	85.9	60.4	90.6

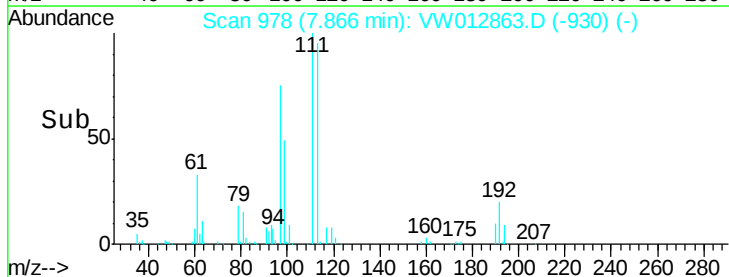
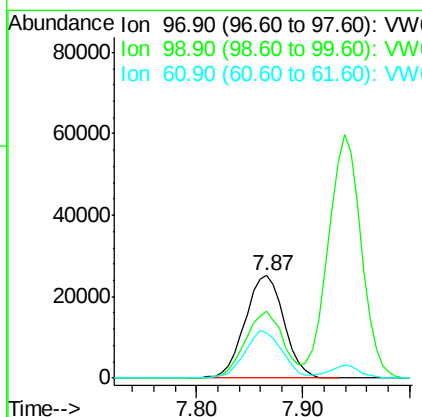
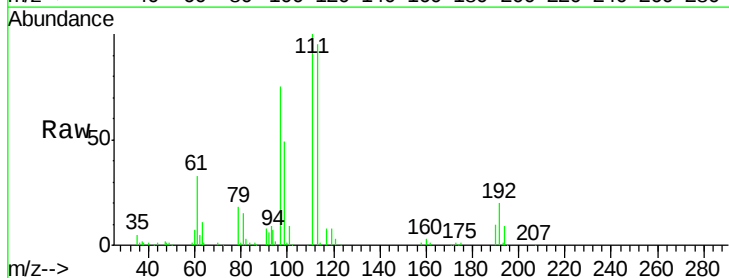
Manual Integrations
APPROVED

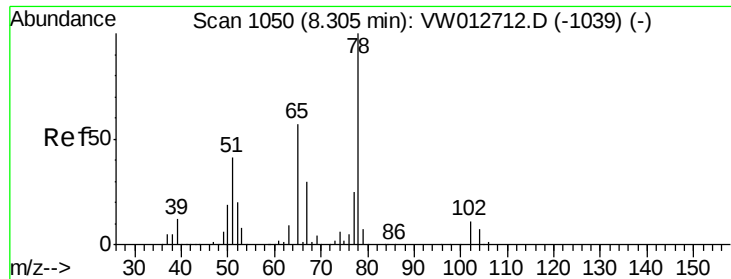
MMDadoda
9/11/2019 9:26:52 AM



#32
1,1,1-Trichloroethane
Concen: 18.749 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.5	77.3
61	45.1	37.9	56.9





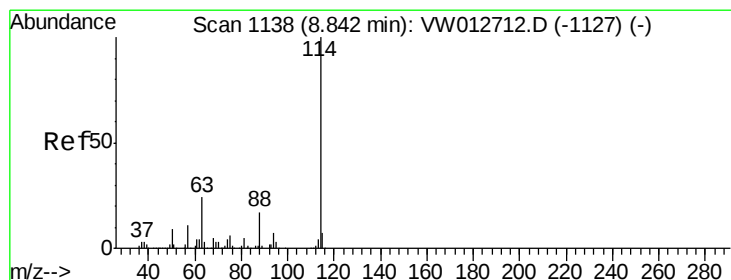
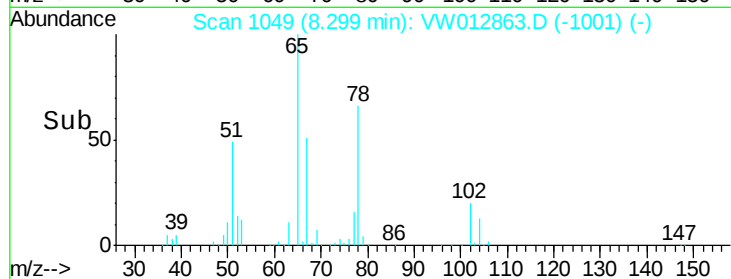
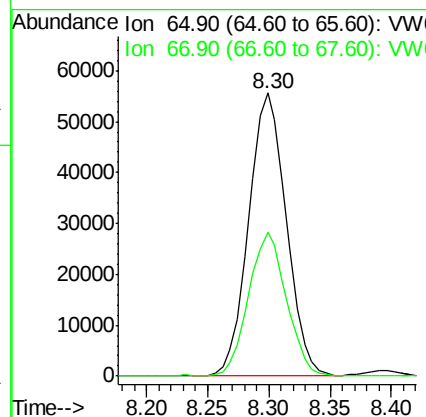
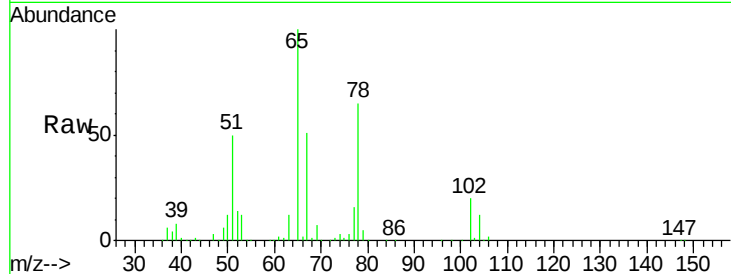
#33
 1,2-Dichloroethane-d4
 Concen: 45.273 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	119248		
67	51.3	0.0	101.8	

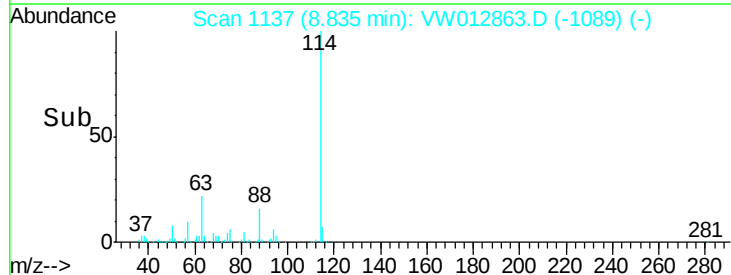
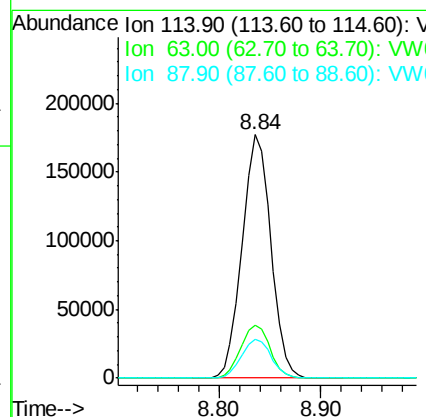
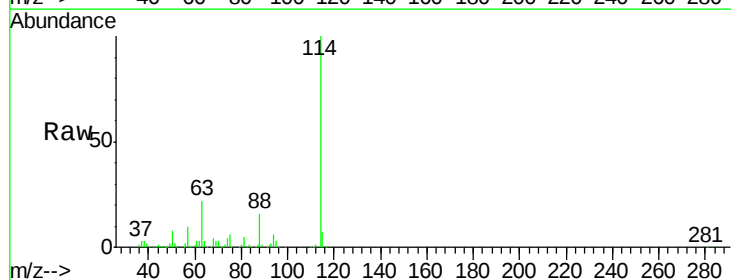
Manual Integrations
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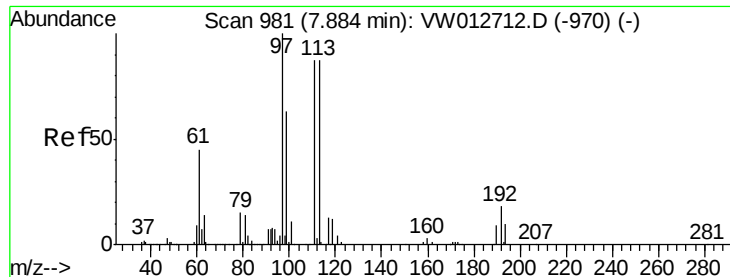
MMDadoda
 9/11/2019 9:26:52 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	346800		
63	22.0	0.0	47.2	
88	15.9	0.0	34.0	





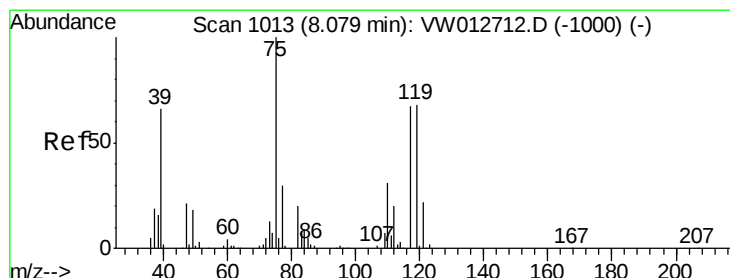
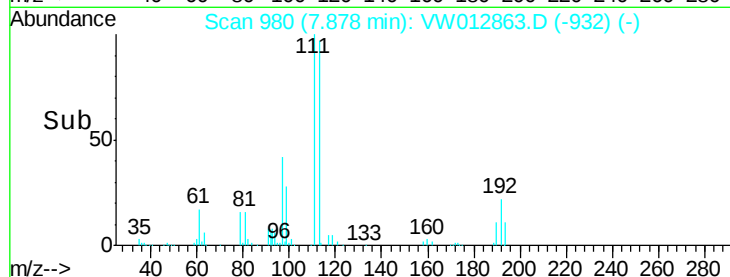
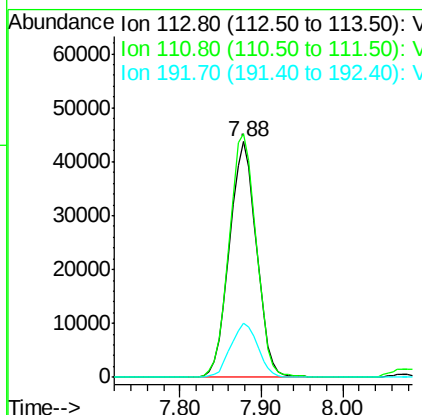
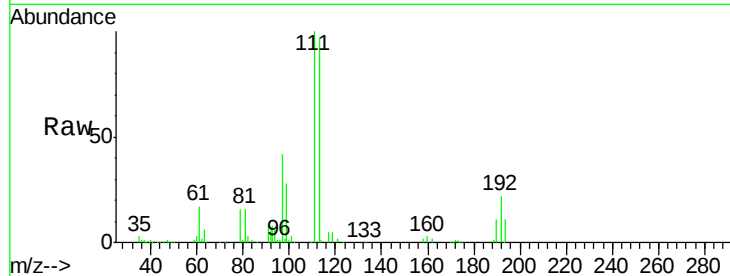
#35
 Dibromofluoromethane
 Concen: 48.427 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	80.2	120.4
192	22.9	17.3	25.9

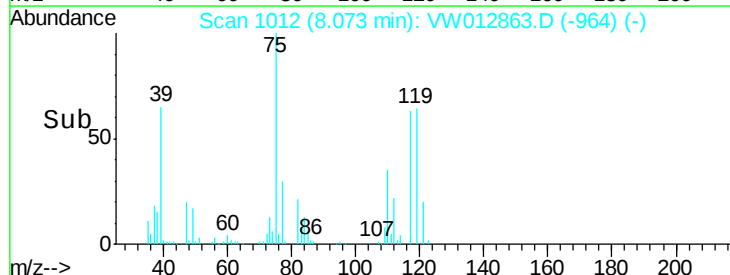
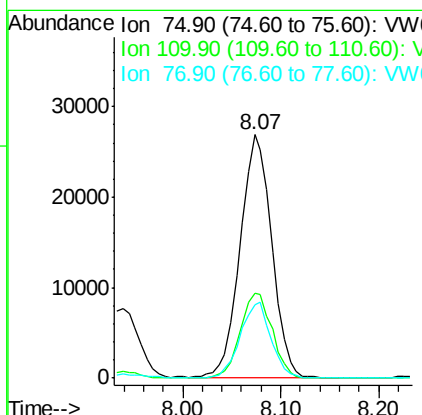
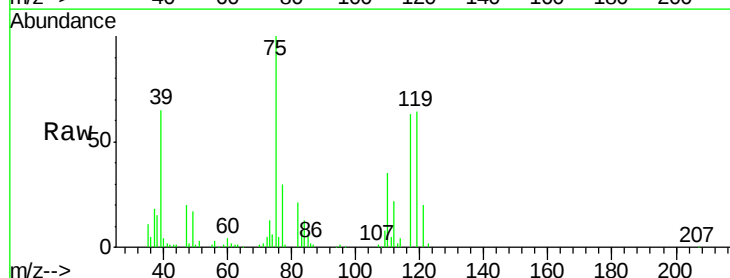
Manual Integrations
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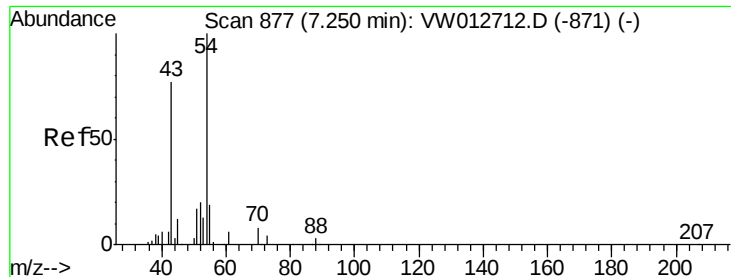
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 9/11/2019 9:26:52 AM



#36
 1,1-Dichloropropene
 Concen: 19.656 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.9	15.9	47.7
77	30.1	25.0	37.4





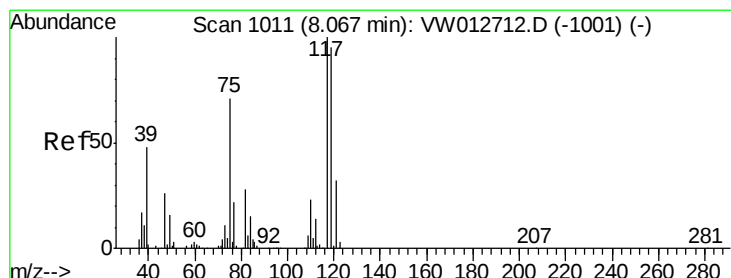
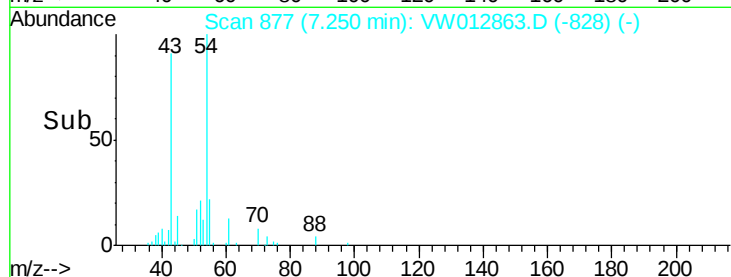
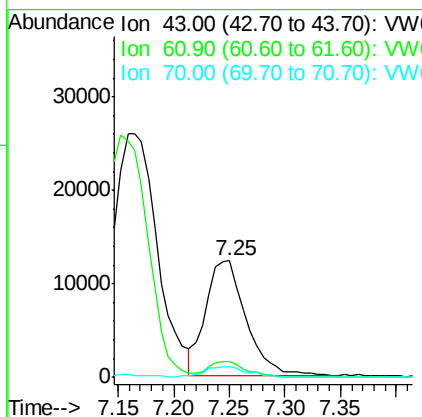
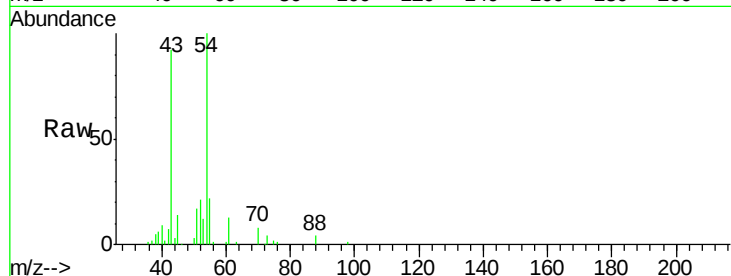
#37
Ethyl Acetate
Concen: 15.881 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.5	14.3
70	9.8	7.0	10.6

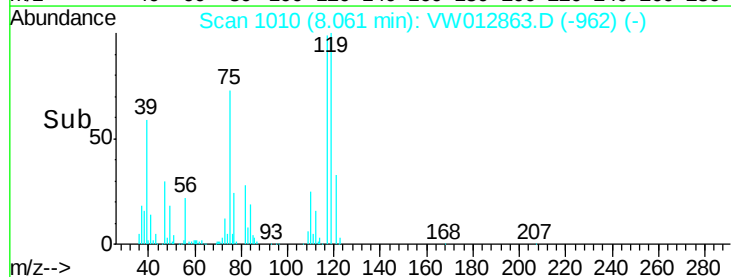
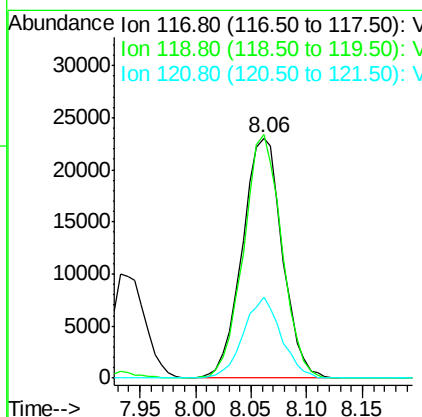
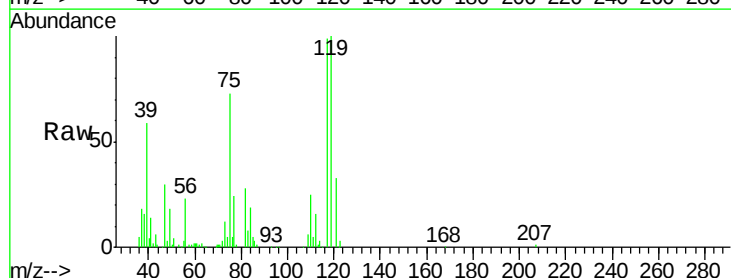
Manual Integrations
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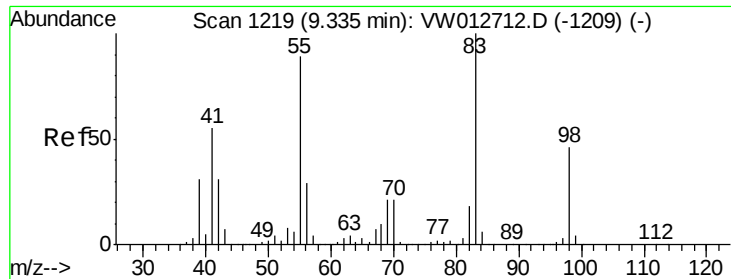
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#38
Carbon Tetrachloride
Concen: 18.984 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.3	76.2	114.2
121	33.7	25.4	38.2





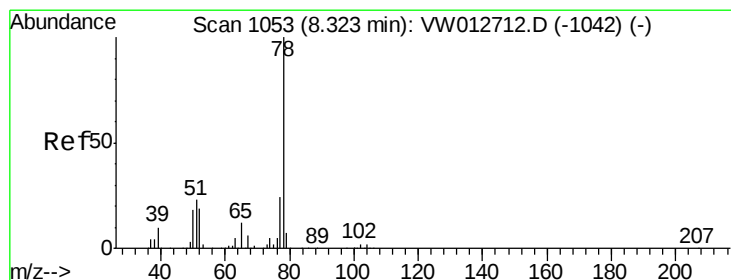
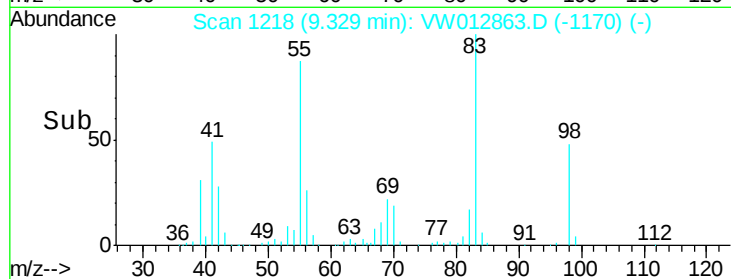
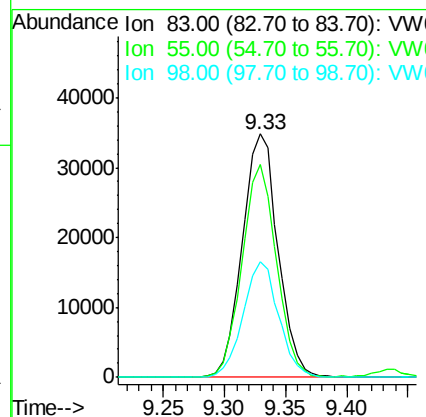
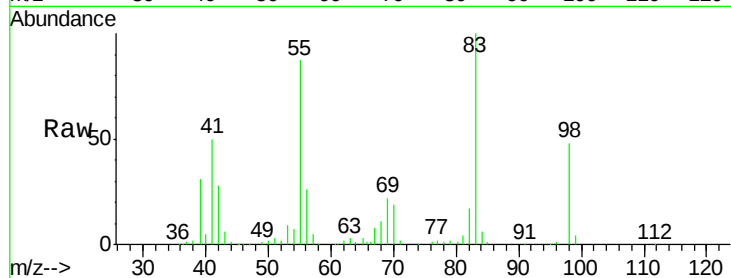
#39
Methvlcvclohexane
Concen: 20.388 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	83.00	Resp	70559
Ion	Ratio	Lower	Upper
83	100		
55	87.5	71.0	106.4
98	47.7	36.9	55.3

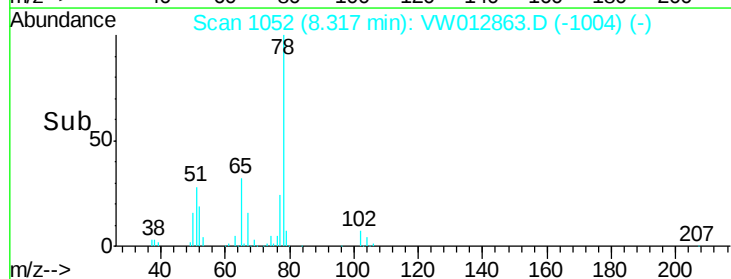
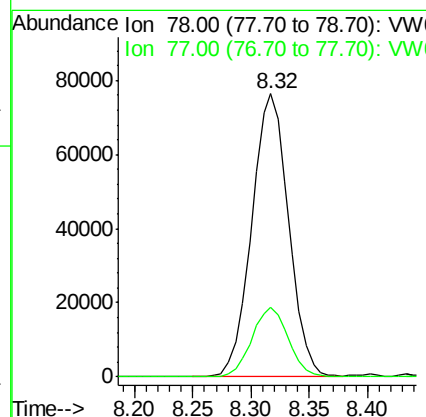
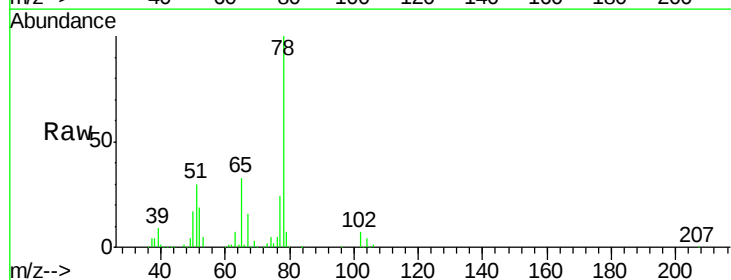
Manual Integrations
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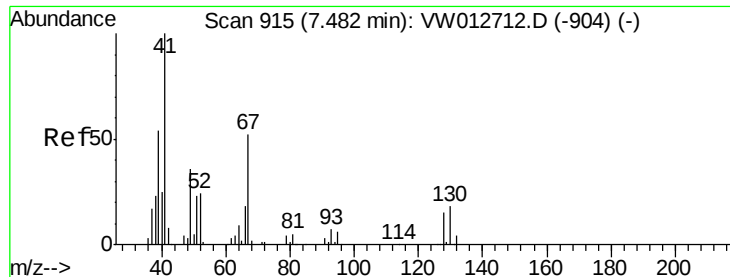
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#40
Benzene
Concen: 19.734 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	78	Resp	168718
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.3	28.9





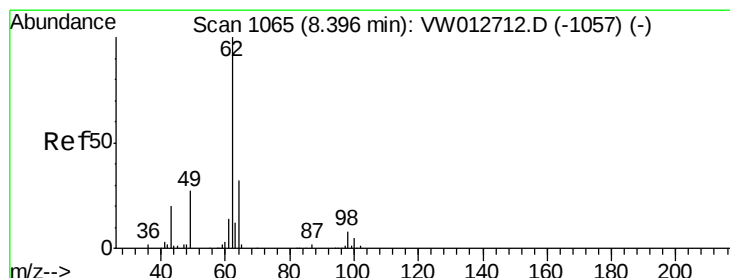
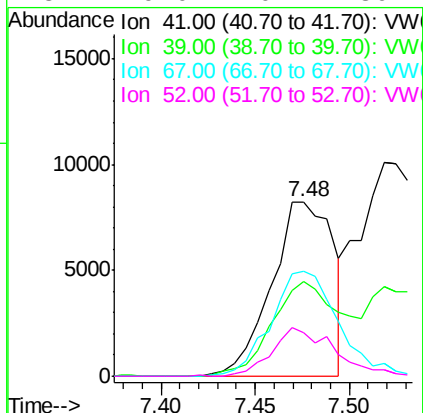
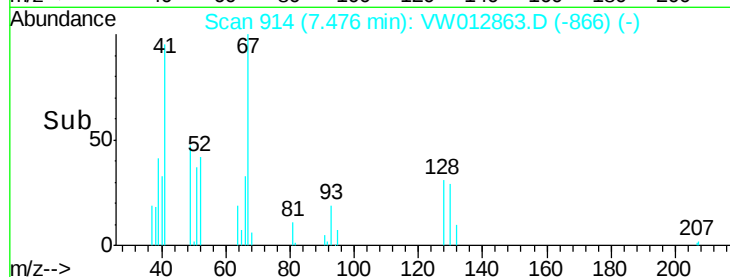
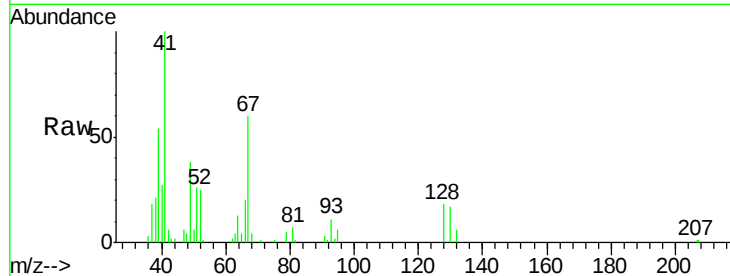
#41
Methacrylonitrile
Concen: 16.780 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	41	Resp	18717
Ion Ratio	Lower	Upper	
41	100		
39	63.5	47.5	71.3
67	66.1	45.1	67.7
52	29.0	20.2	30.2

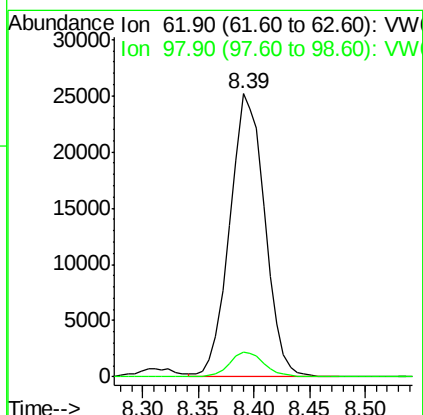
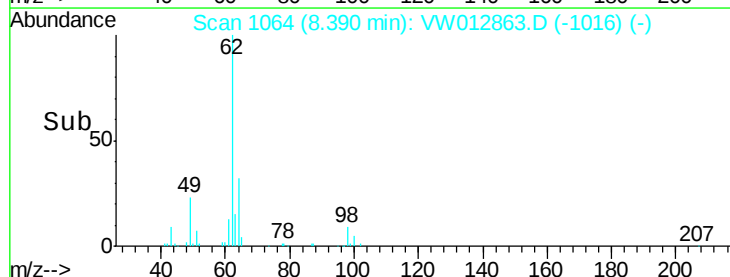
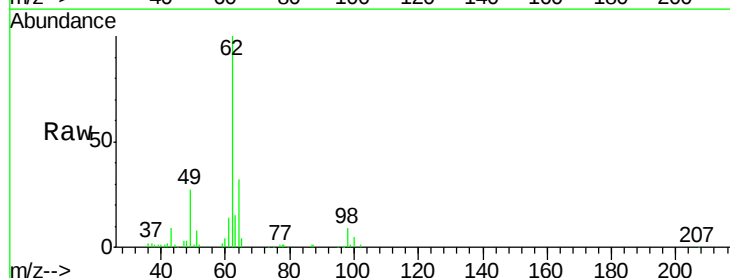
Manual Integrations
APPROVED

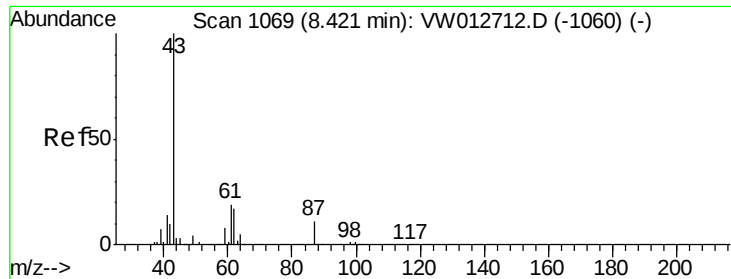
MMDadoda
9/11/2019 9:26:52 AM



#42
1,2-Dichloroethane
Concen: 18.228 ug/l
RT: 8.39 min Scan# 1064
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	62	Resp	54846
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	16.2





#43

Isopropyl Acetate

Concen: 16.053 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

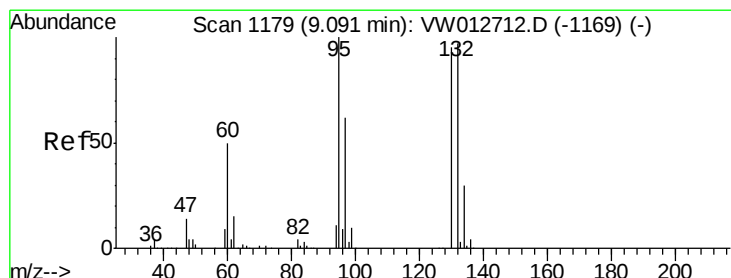
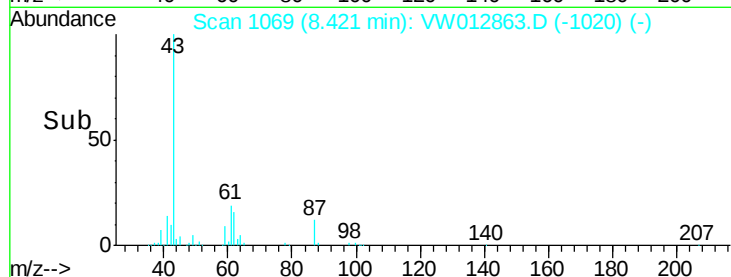
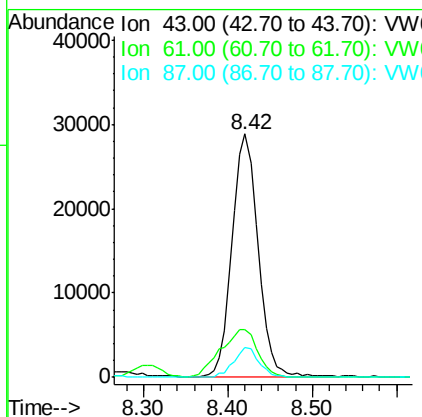
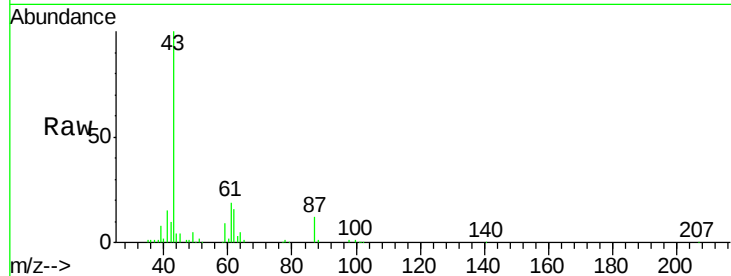
ClientSampleId :

VW0910SBS01

Tot Ion:	43	Resp:	59743
Ion	Ratio	Lower	Upper
43	100		
61	28.2	20.6	30.8
87	11.9	8.6	13.0

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#44

Trichloroethene

Concen: 20.444 ug/l

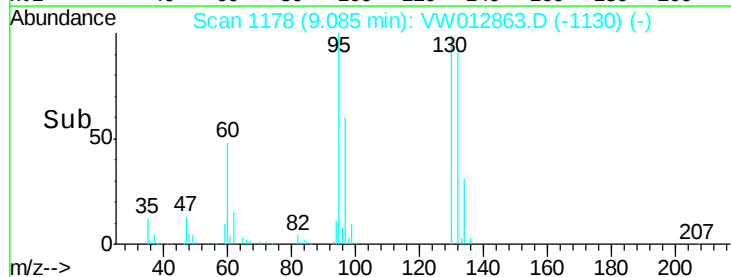
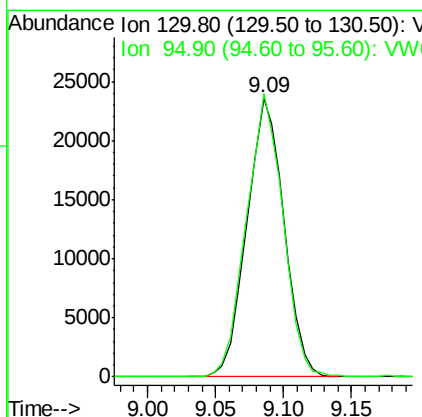
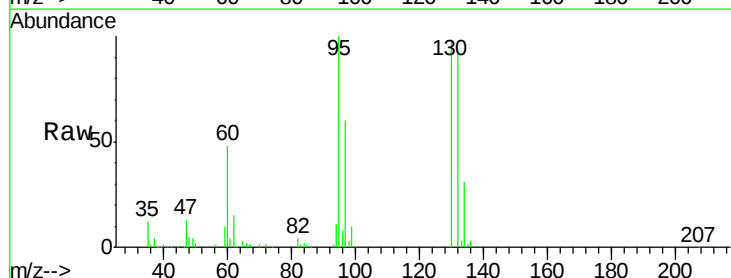
RT: 9.09 min Scan# 1178

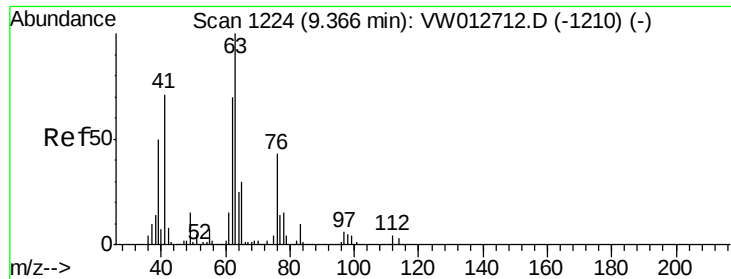
Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Tgt Ion:	130	Resp:	45055
Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	210.6





#45

1,2-Dichloropropane

Concen: 18.856 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion: 63 Resp: 44711

Ion Ratio Lower Upper

63 100

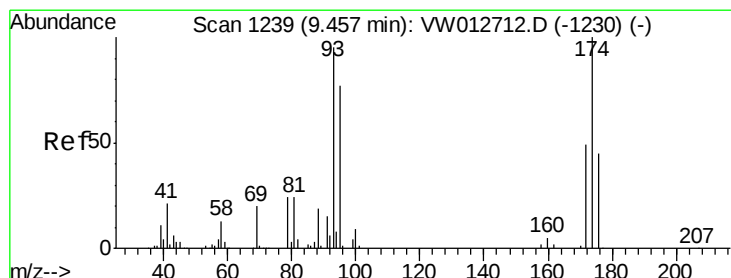
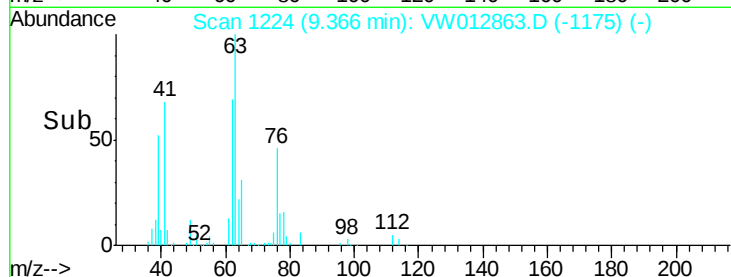
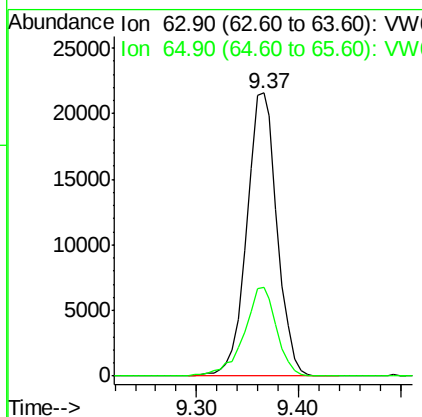
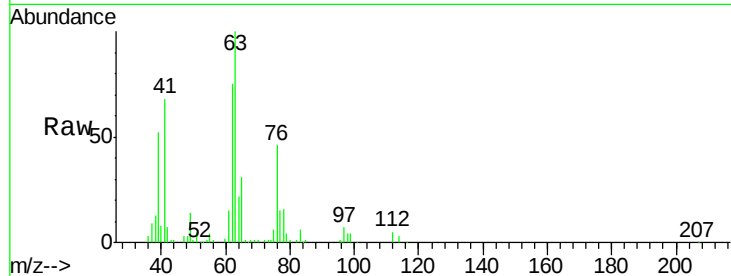
65 31.3 23.8 35.8

Manual Integrations

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#46

Dibromomethane

Concen: 18.772 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

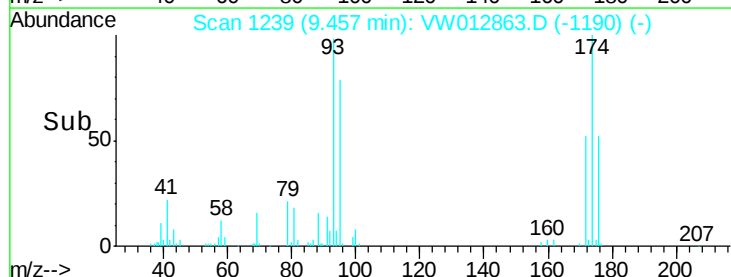
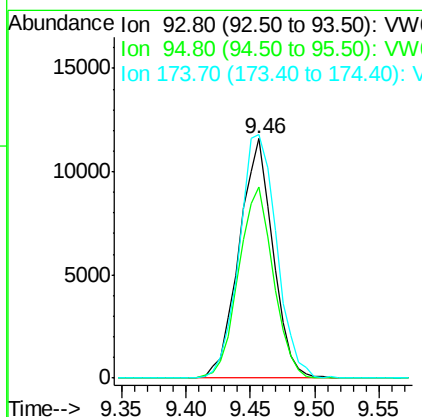
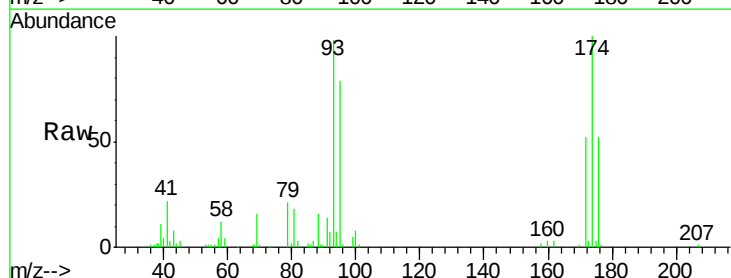
Tgt Ion: 93 Resp: 21078

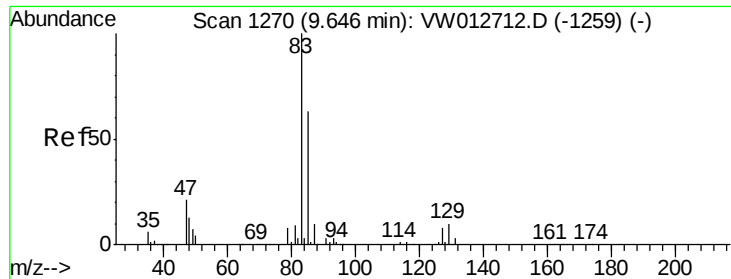
Ion Ratio Lower Upper

93 100

95 81.8 65.2 97.8

174 112.3 84.2 126.4





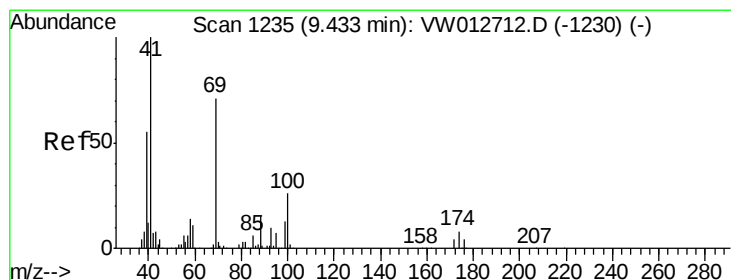
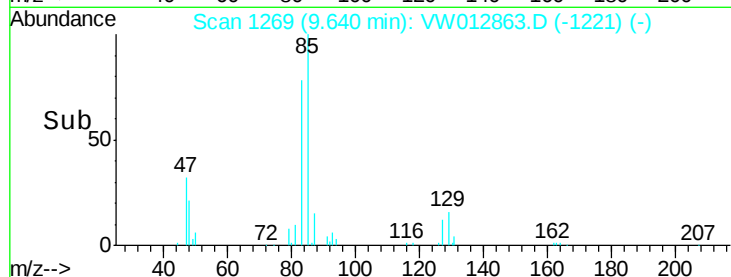
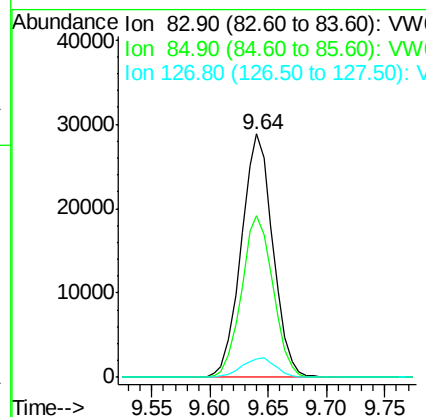
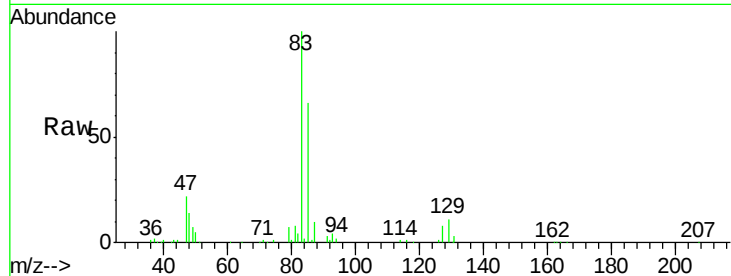
#47
 Bromodichloromethane
 Concen: 17.653 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	83	Resp	54534
Ion Ratio	100	Lower	Upper
83	100		
85	66.2	50.2	75.2
127	7.7	6.6	9.8

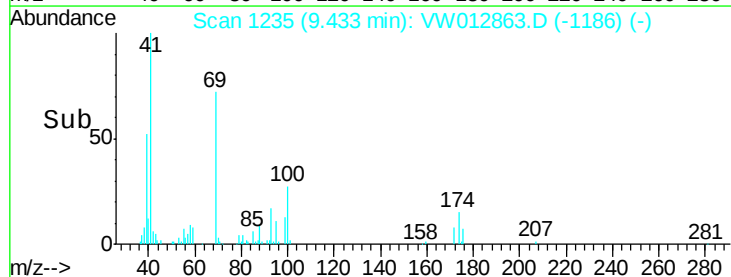
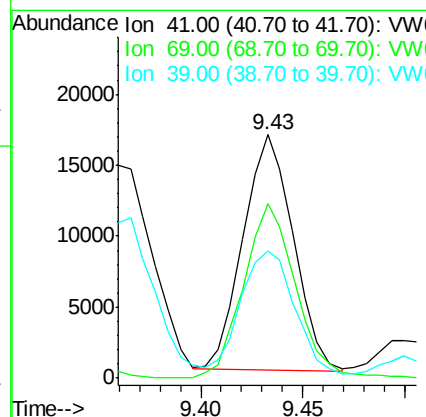
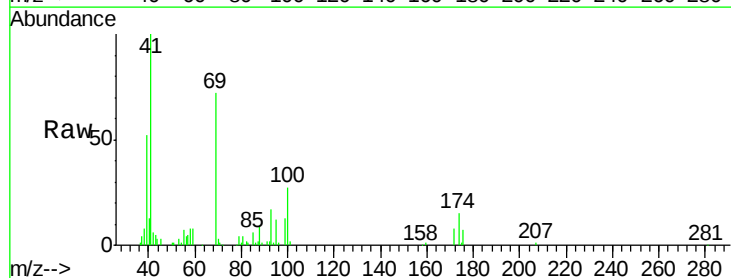
Manual Integrations
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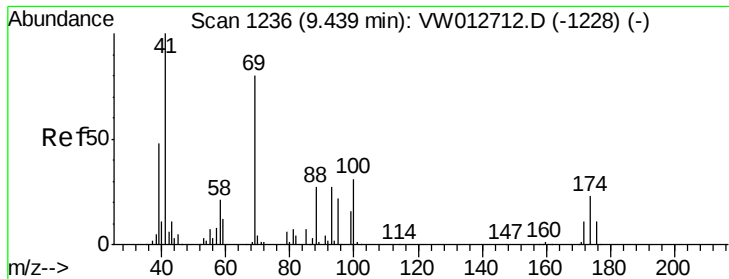
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 9/11/2019 9:26:52 AM



#48
 Methyl methacrylate
 Concen: 15.963 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Tgt Ion	41	Resp	28390
Ion Ratio	100	Lower	Upper
41	100		
69	76.9	59.8	89.8
39	59.7	47.0	70.6





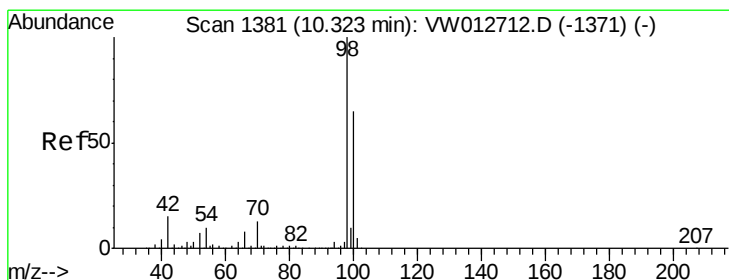
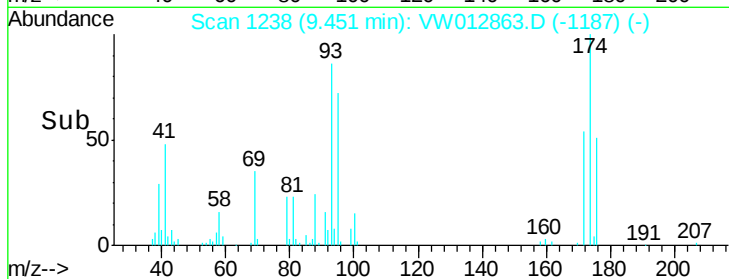
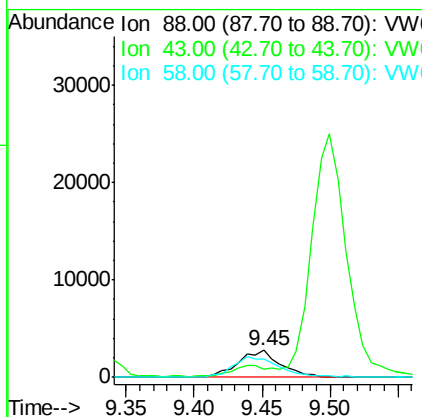
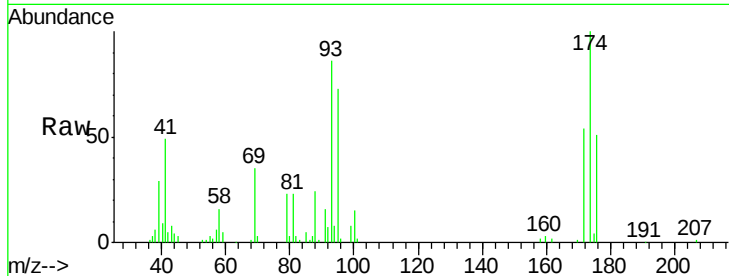
#49
 1,4-Dioxane
 Concen: 269.571 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. 0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	88	Resp	5979
Ion	Ratio	Lower	Upper
88	100		
43	36.9	34.8	52.2
58	86.0	64.1	96.1

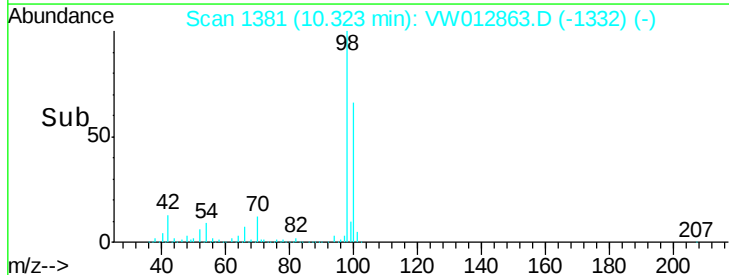
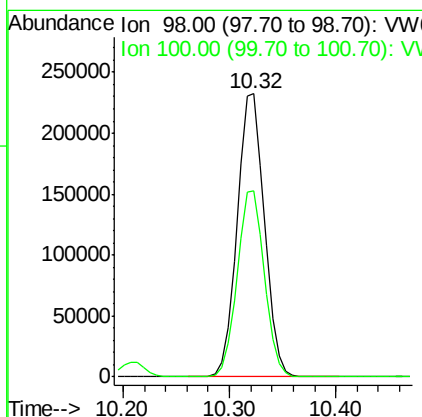
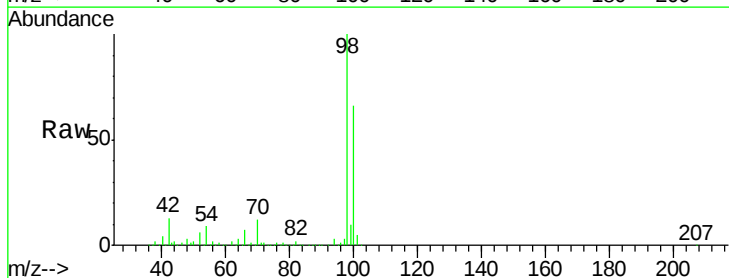
Manual Integrations
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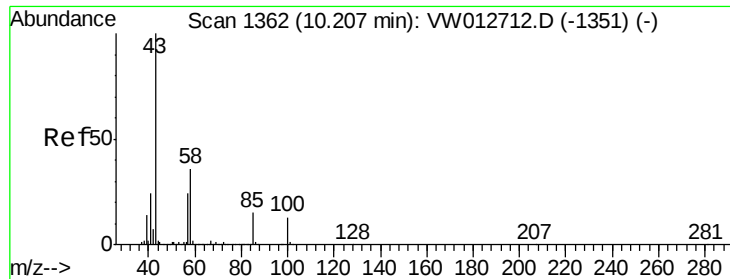
MMDadoda
 9/11/2019 9:26:52 AM



#50
 Toluene-d8
 Concen: 51.679 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Tgt Ion	98	Resp	417451
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.2	78.4





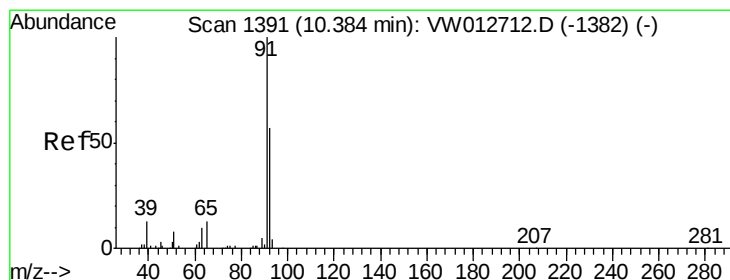
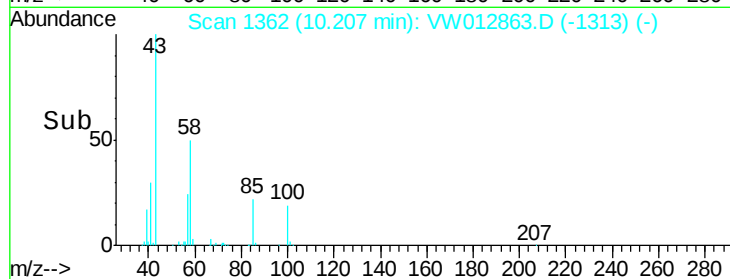
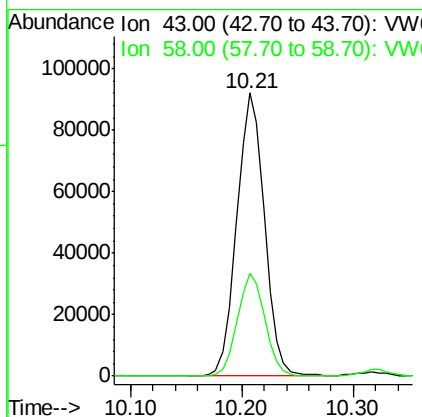
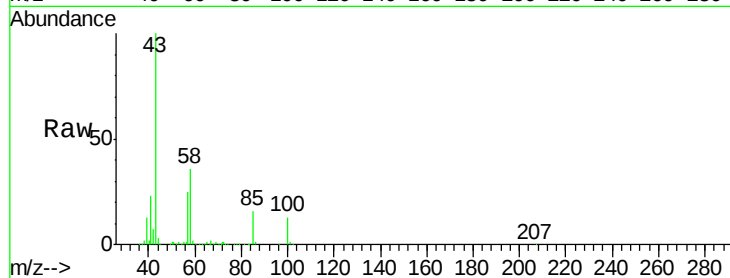
#51
 4-Methyl-2-Pentanone
 Concen: 80.924 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampled :
 VW0910SBS01

Tot Ion	43	Resp	158027
Ion Ratio	43	100	
Lower	58	36.3	28.4
Upper			42.6

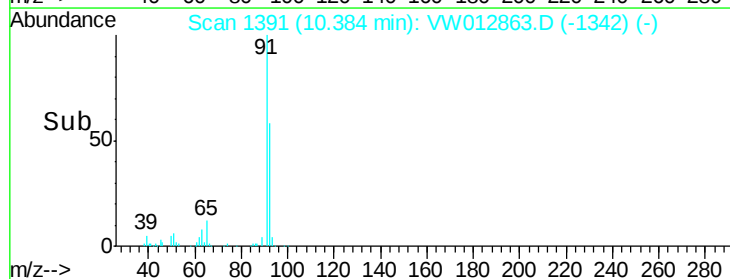
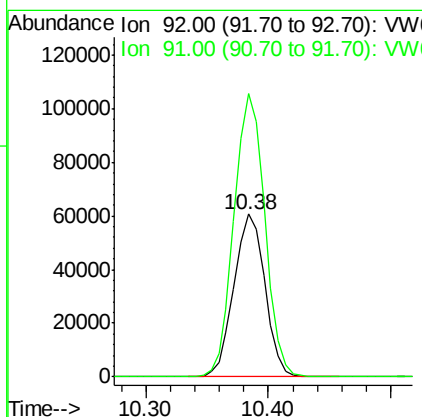
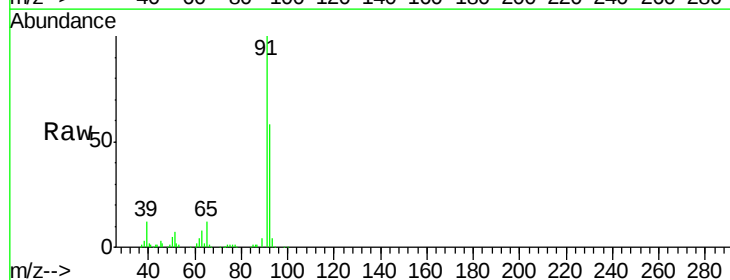
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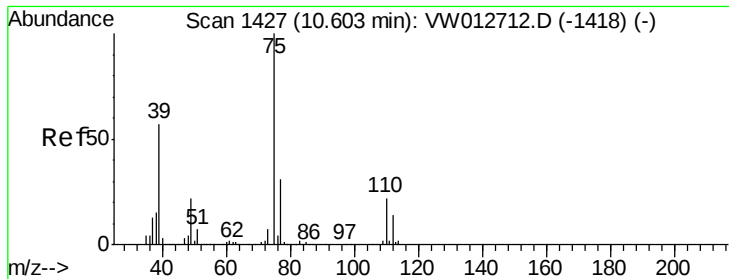
MMDadoda
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#52
 Toluene
 Concen: 20.004 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Tgt Ion	92	Resp	106740
Ion Ratio	92	100	
Lower	91	172.0	137.0
Upper			205.4





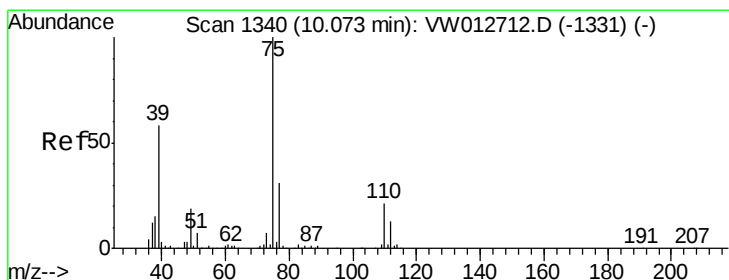
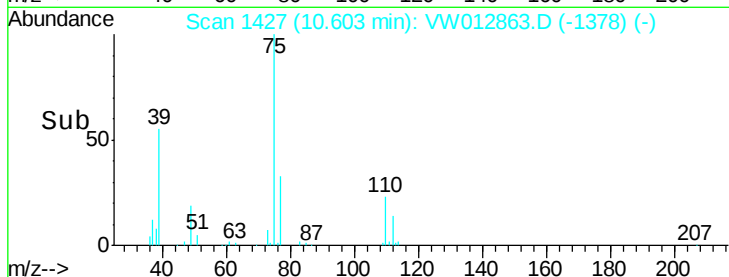
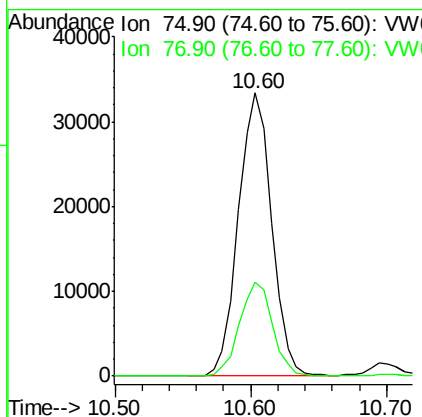
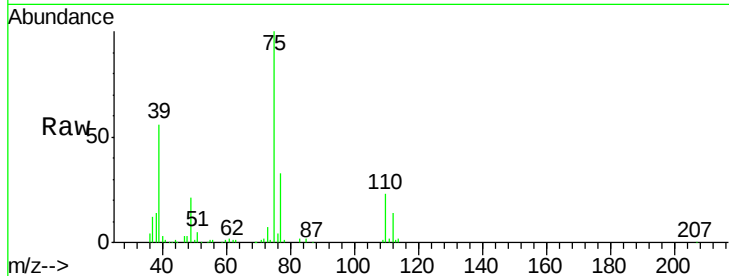
#53
 t-1,3-Dichloropropene
 Concen: 18.009 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion: 75 Resp: 57208
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.7 37.1

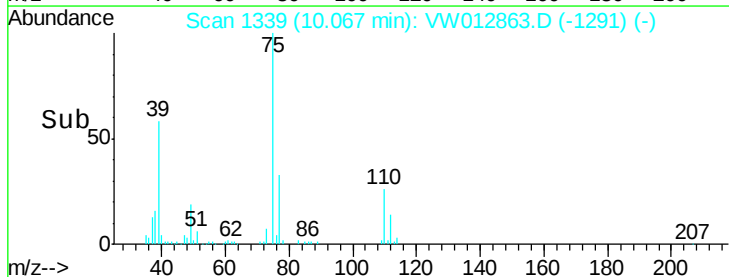
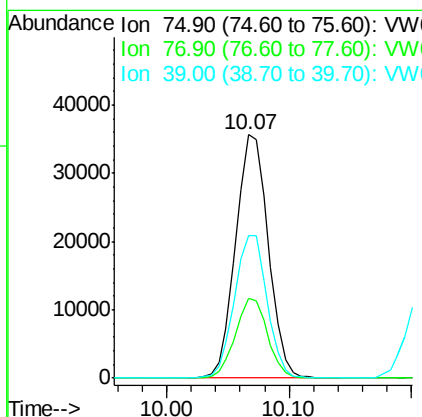
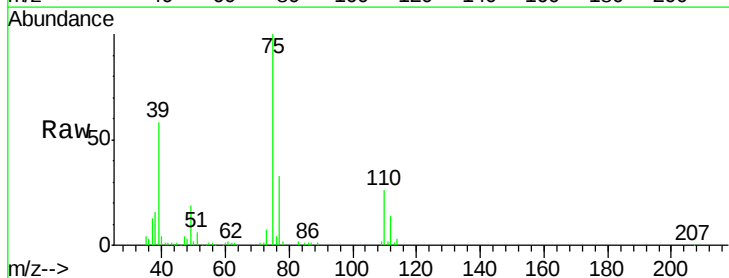
Manual Integrations
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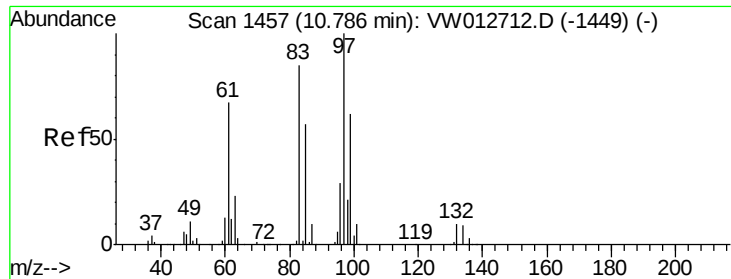
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#54
 cis-1,3-Dichloropropene
 Concen: 18.339 ug/l
 RT: 10.07 min Scan# 1339
 Delta R.T. -0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Tgt Ion: 75 Resp: 66087
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.6 36.8
 39 58.4 46.3 69.5





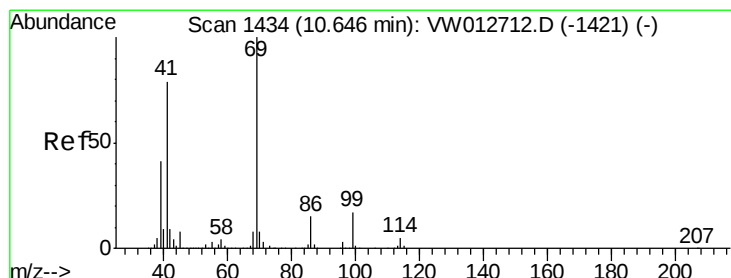
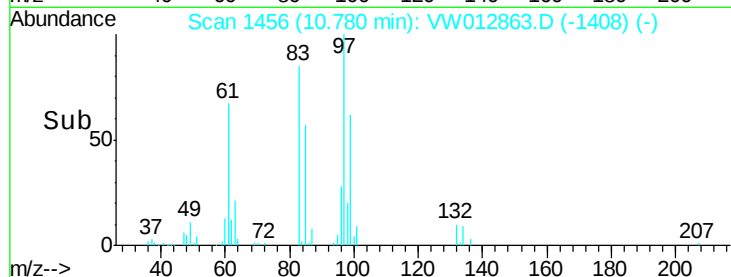
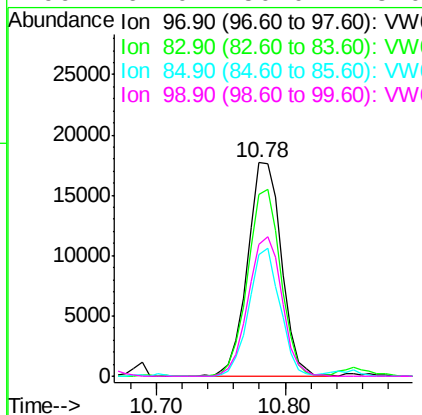
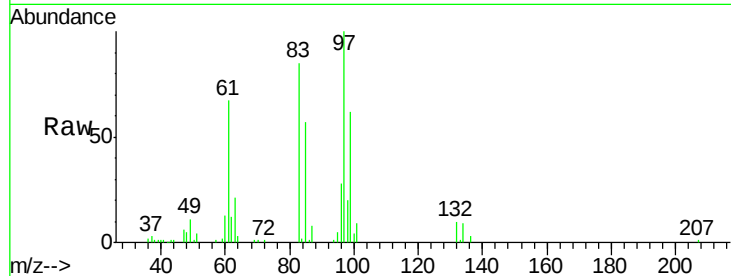
#55
 1,1,2-Trichloroethane
 Concen: 19.051 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion:	97	Resp:	32025
Ion	Ratio	Lower	Upper
97	100		
83	85.3	68.1	102.1
85	56.8	45.3	67.9
99	62.0	50.0	75.0

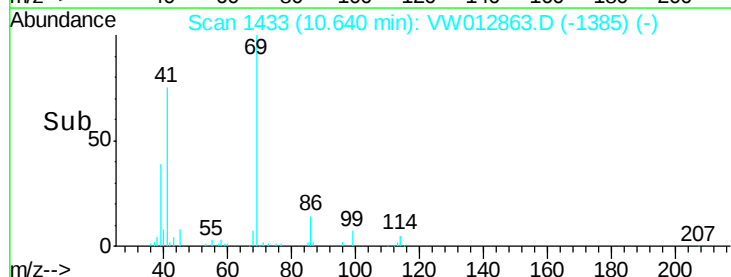
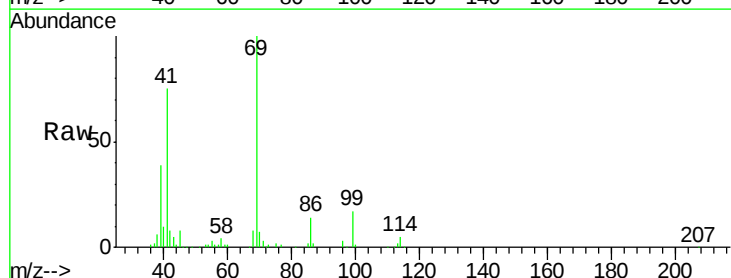
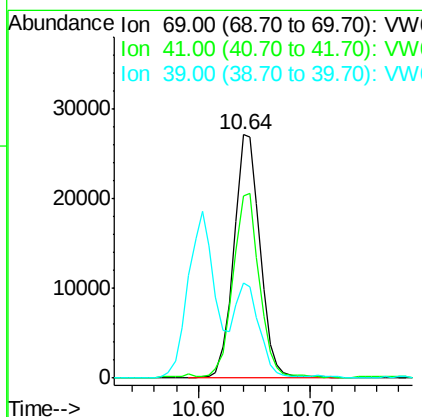
Manual Integrations
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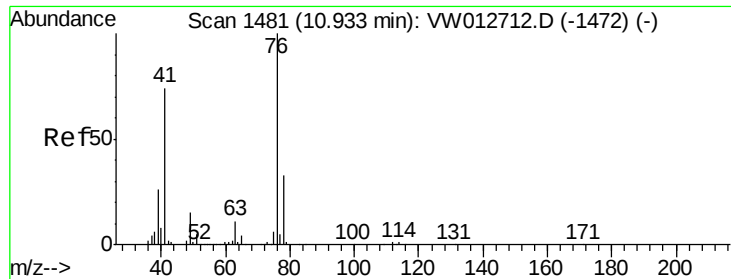
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#56
 Ethyl methacrylate
 Concen: 17.984 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Tgt Ion:	69	Resp:	44254
Ion	Ratio	Lower	Upper
69	100		
41	76.0	64.4	96.6
39	33.9	31.1	46.7





#57

1,3-Dichloropropane

Concen: 18.160 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion: 76 Resp: 56475

Ion Ratio Lower Upper

76 100

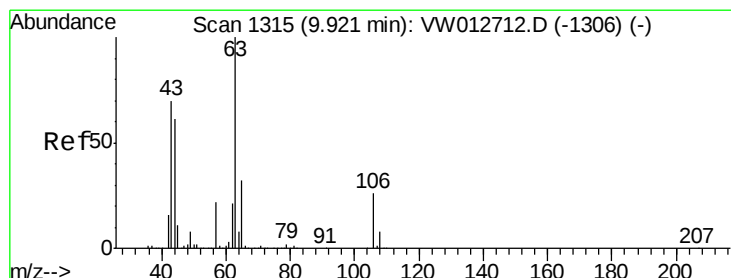
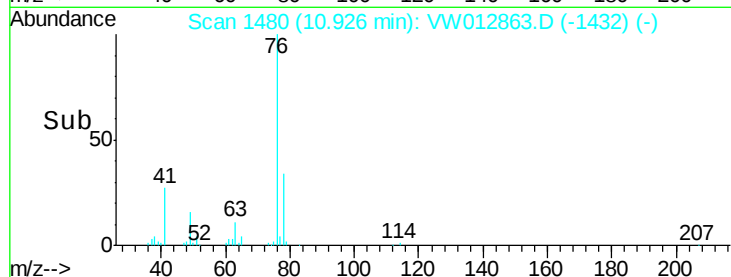
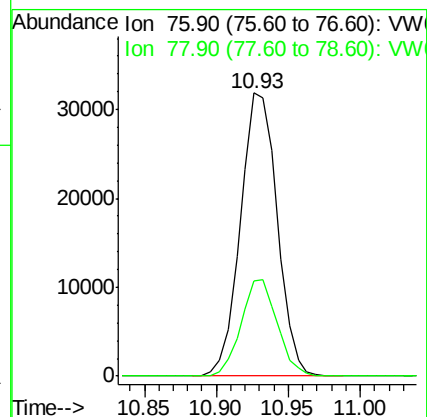
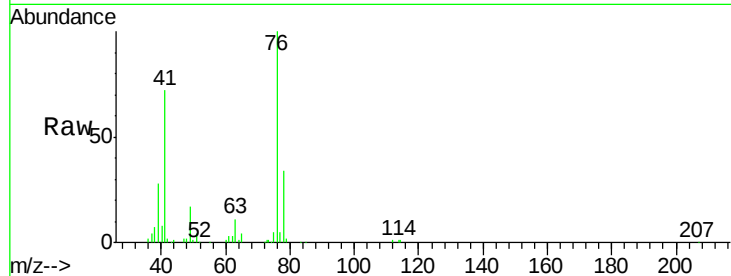
78 33.7 25.9 38.9

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 89.457 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012863.D

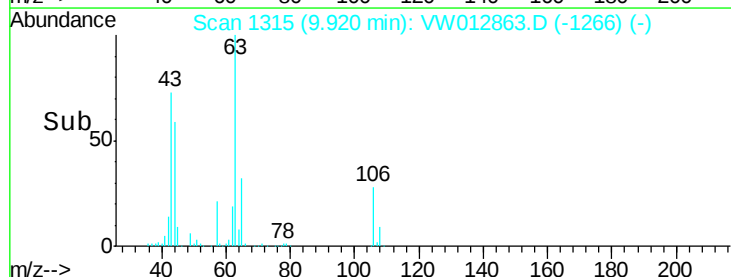
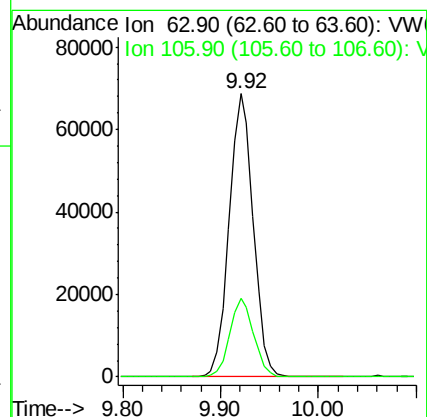
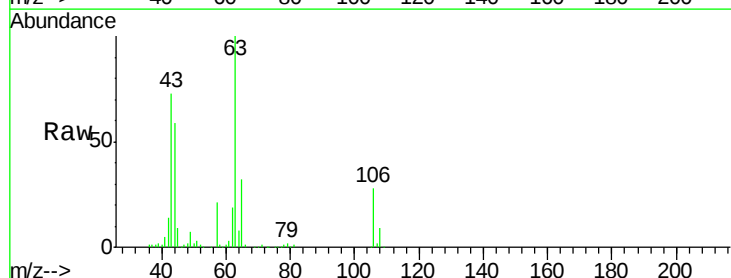
Acq: 10 Sep 2019 12:05

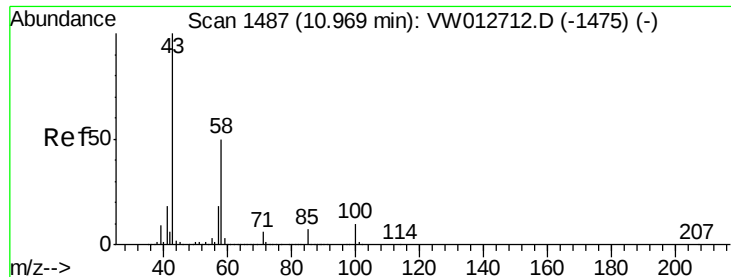
Tgt Ion: 63 Resp: 116862

Ion Ratio Lower Upper

63 100

106 27.4 20.5 30.7





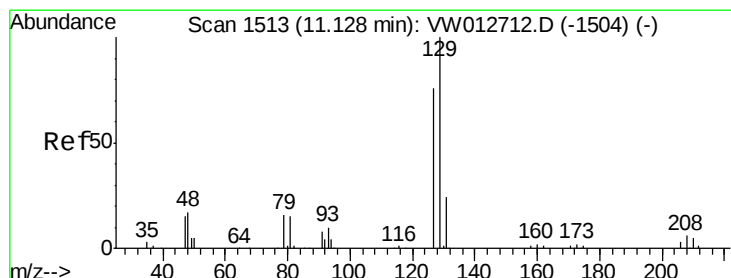
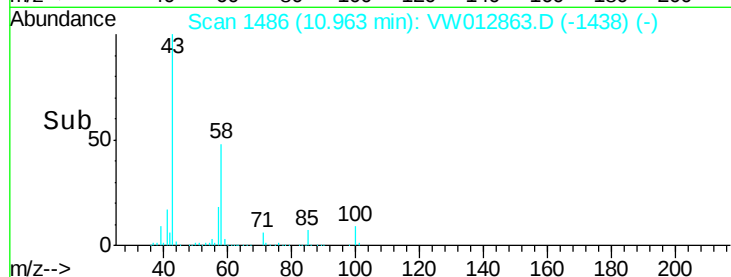
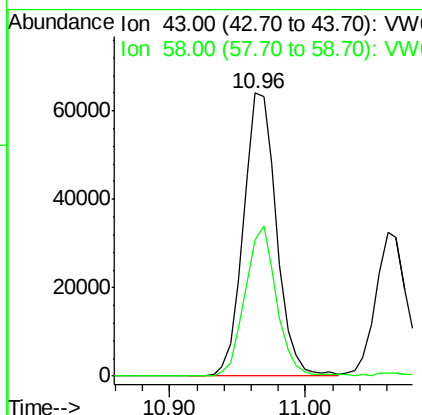
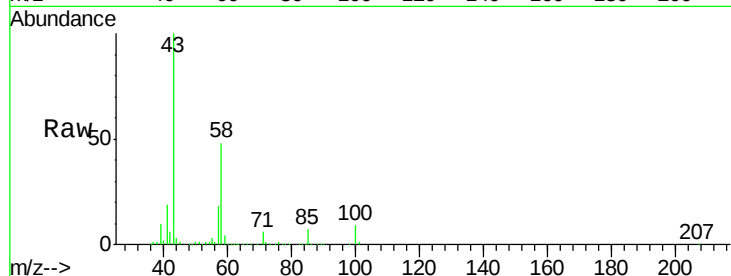
#59
2-Hexanone
Concen: 76.311 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion: 43 Resp: 108871
Ion Ratio Lower Upper
43 100
58 50.6 24.7 74.1

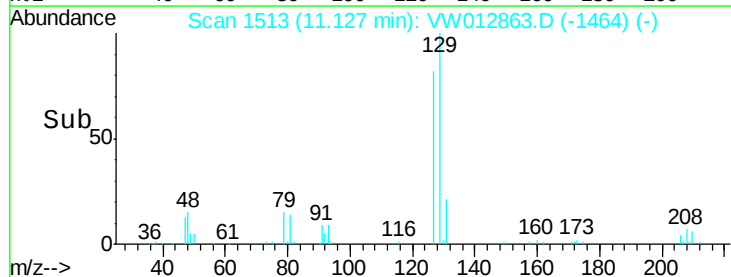
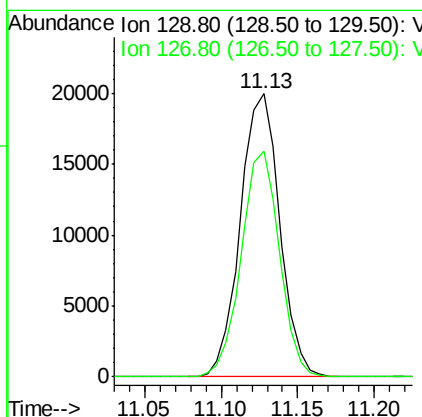
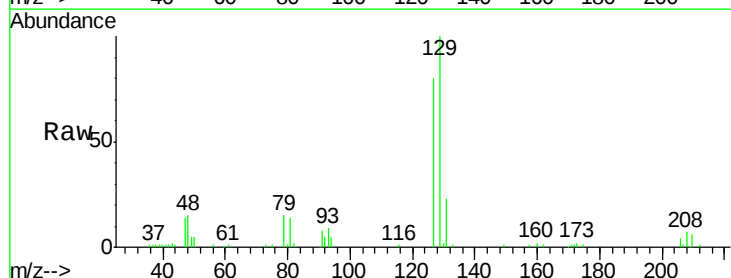
Manual Integrations
APPROVED

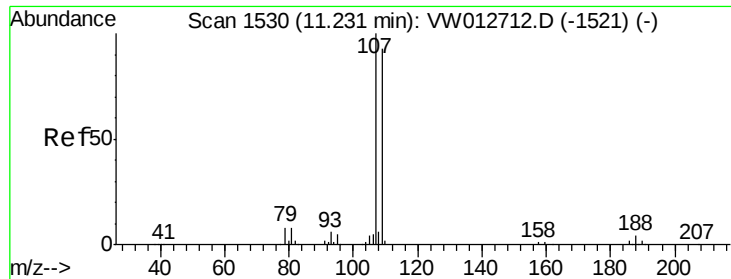
MMDadoda
9/11/2019 9:26:52 AM



#60
Dibromochloromethane
Concen: 18.077 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion: 129 Resp: 35739
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





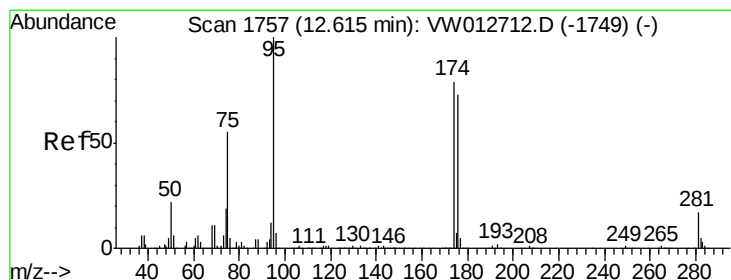
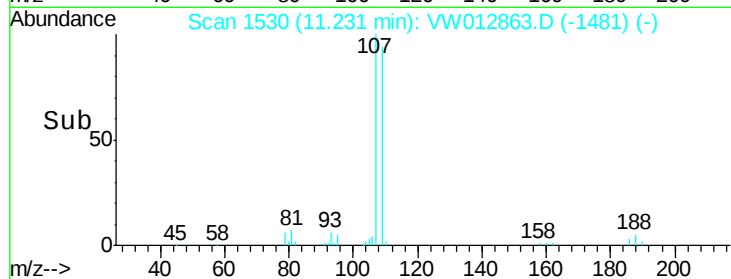
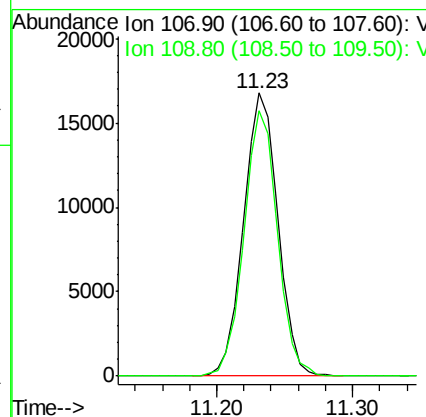
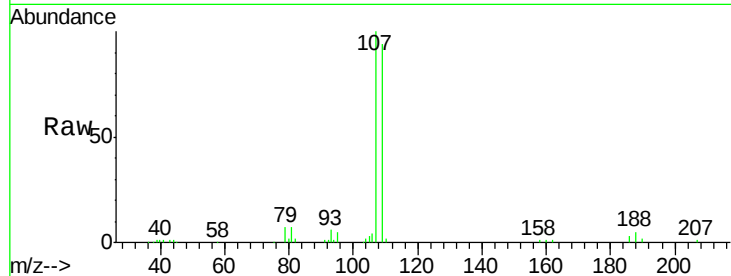
#61
1,2-Dibromoethane
Concen: 19.185 ug/l
RT: 11.23 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	91.8	75.0	112.6

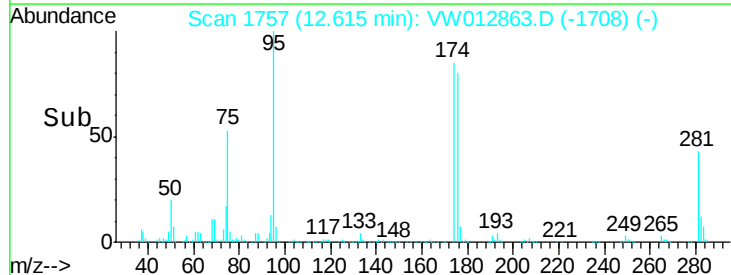
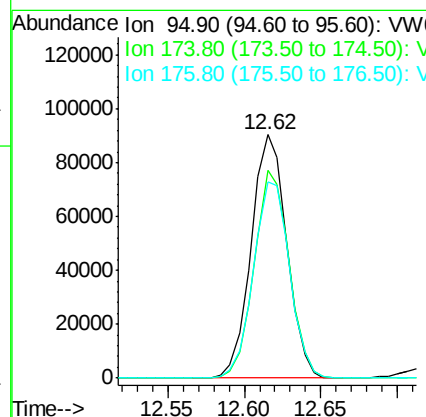
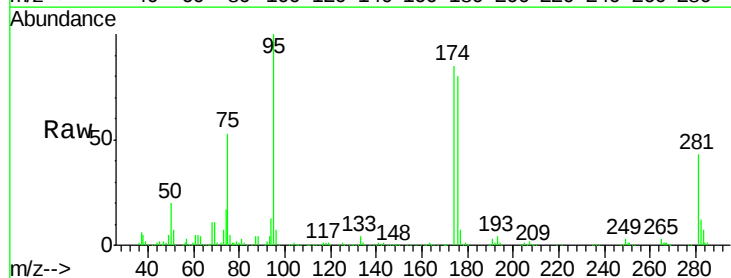
Manual Integrations
APPROVED

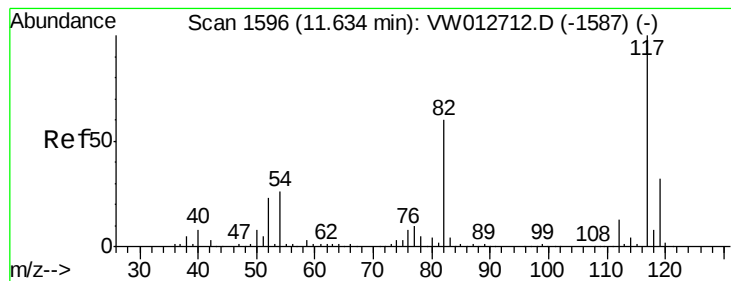
MMDadoda
9/11/2019 9:26:52 AM



#62
4-Bromofluorobenzene
Concen: 49.683 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	161.0
176	82.4	0.0	156.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

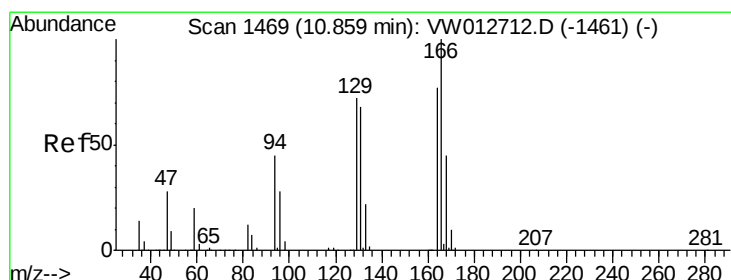
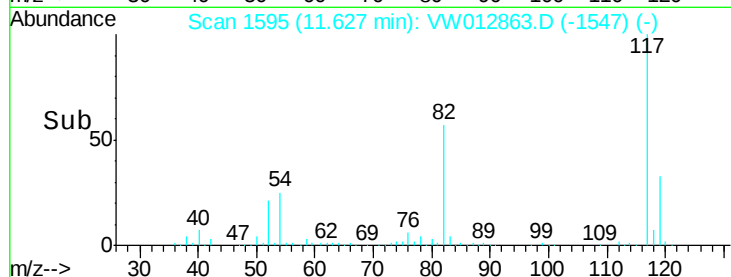
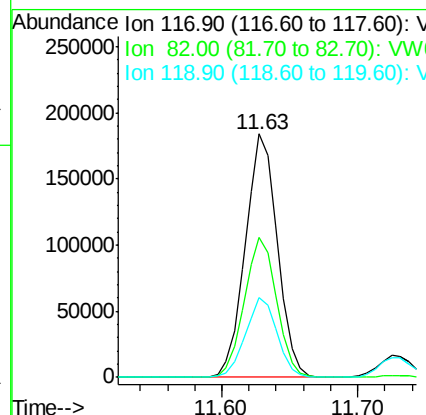
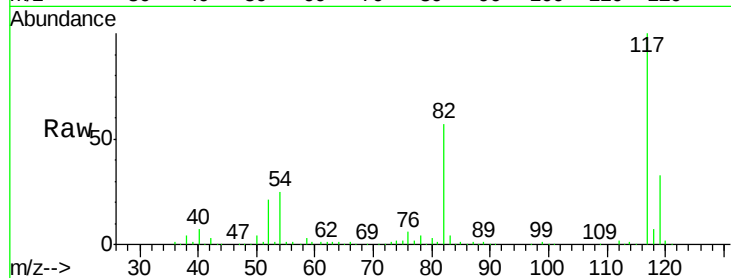
ClientSampleId :

VW0910SBS01

Tot Ion:	117	Resp:	303151
Ion Ratio	Lower	Upper	
117	100		
82	57.4	48.2	72.4
119	32.8	25.8	38.6

Manual Integrations
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#64

Tetrachloroethene

Concen: 20.481 ug/l

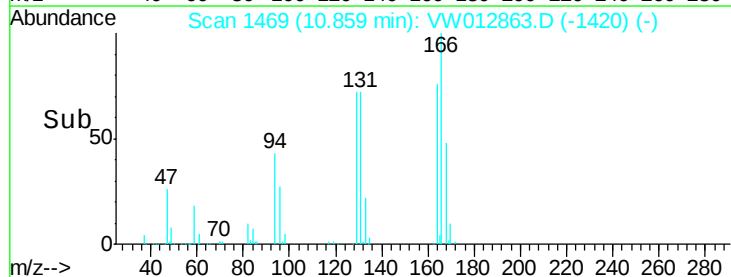
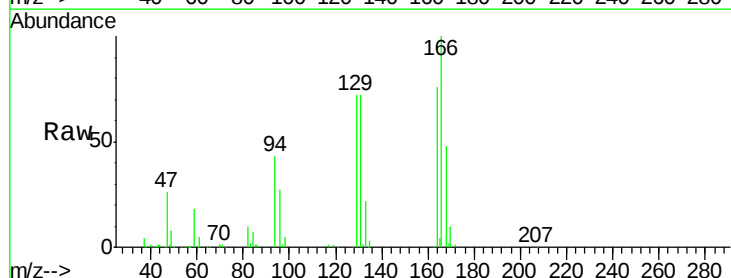
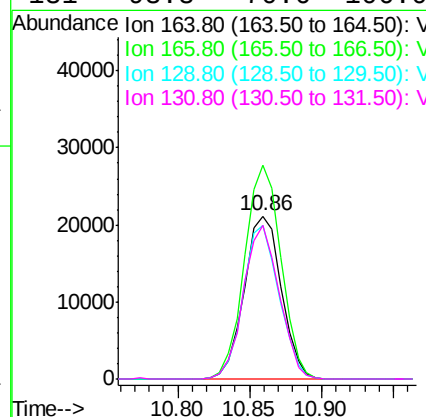
RT: 10.86 min Scan# 1469

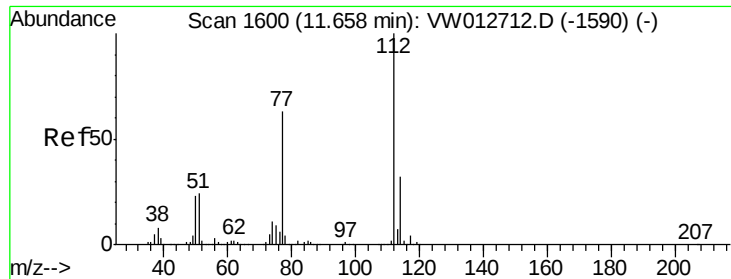
Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Tgt Ion:	164	Resp:	37674
Ion Ratio	Lower	Upper	
164	100		
166	131.0	103.6	155.4
129	93.8	74.6	112.0
131	93.8	70.6	106.0





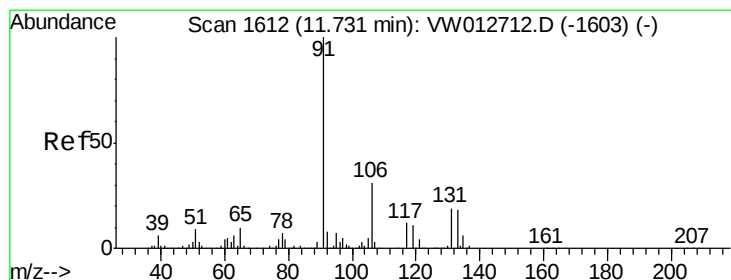
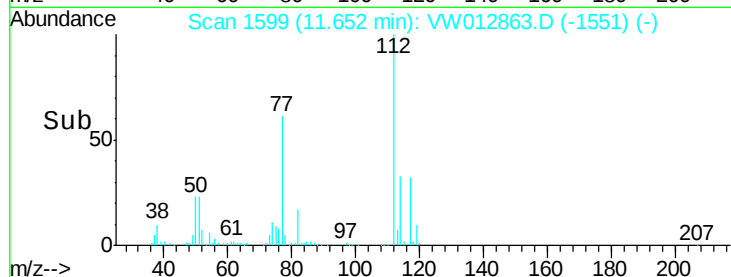
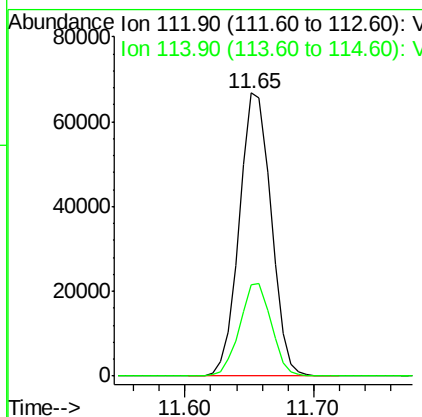
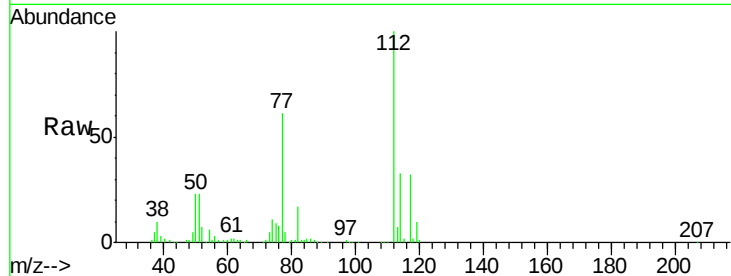
#65
Chlorobenzene
Concen: 19.928 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	114182		
114	32.5	25.3	37.9	

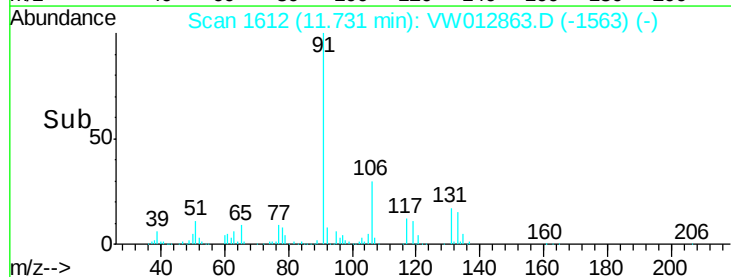
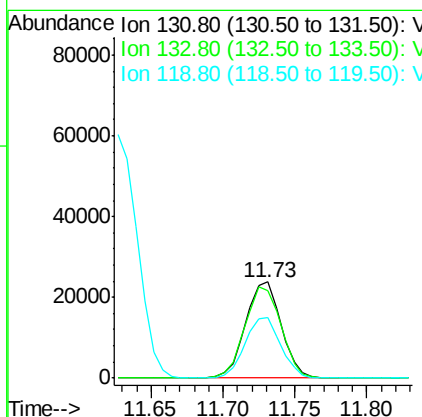
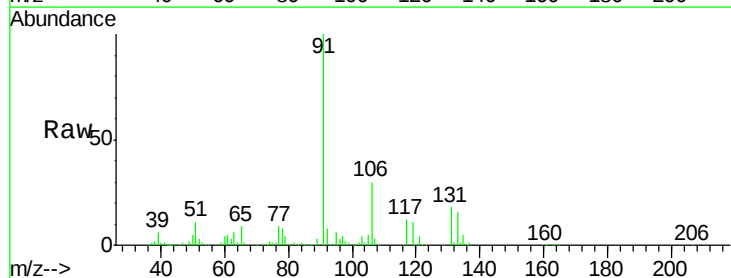
Manual Integrations
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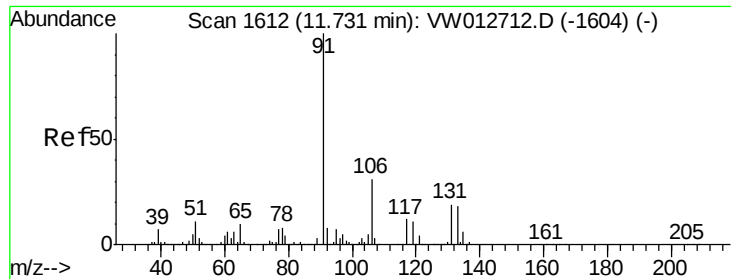
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.066 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	40681		
133	97.0	47.6	142.8	
119	63.2	30.6	92.0	





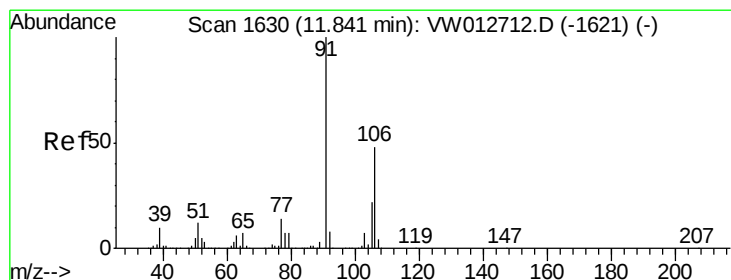
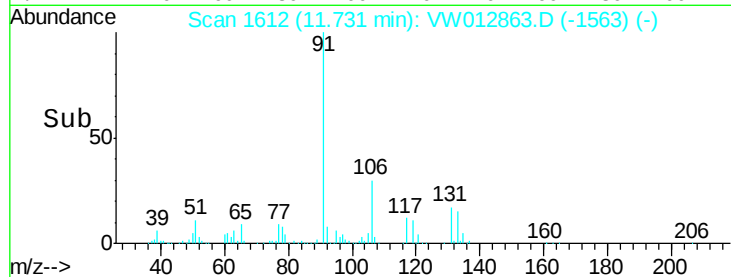
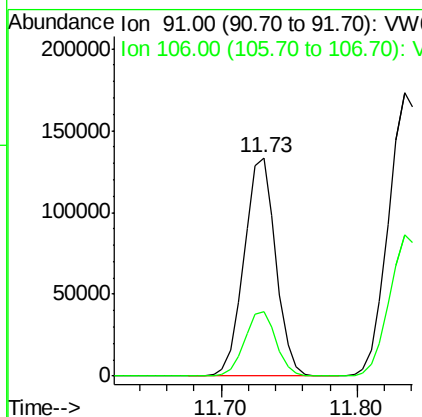
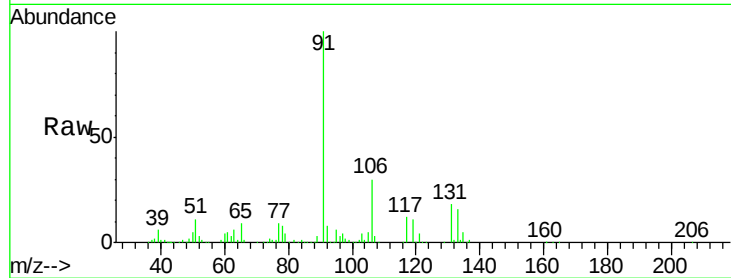
#67
Ethyl Benzene
Concen: 20.137 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.6	24.4	36.6

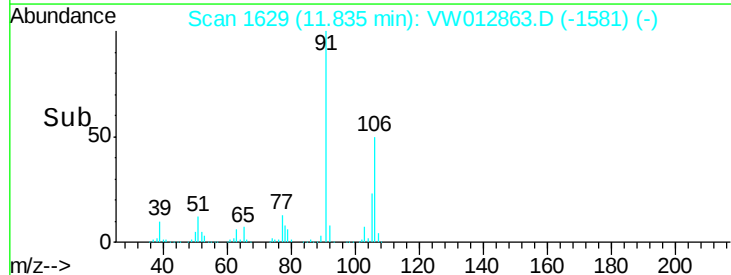
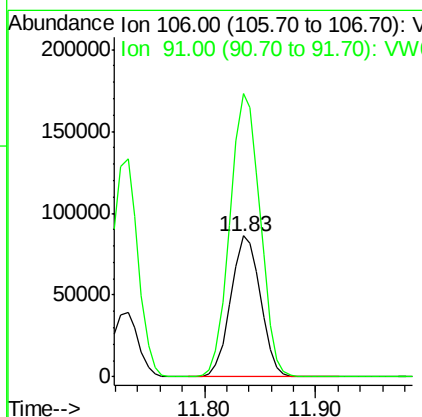
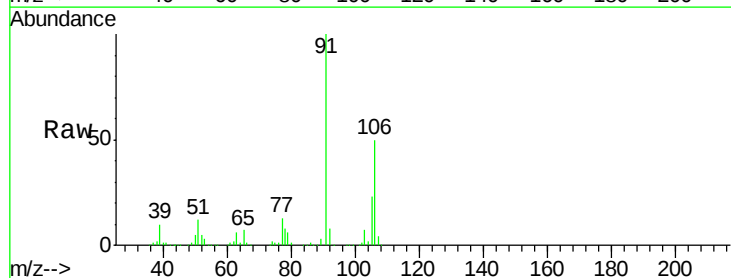
Manual Integrations
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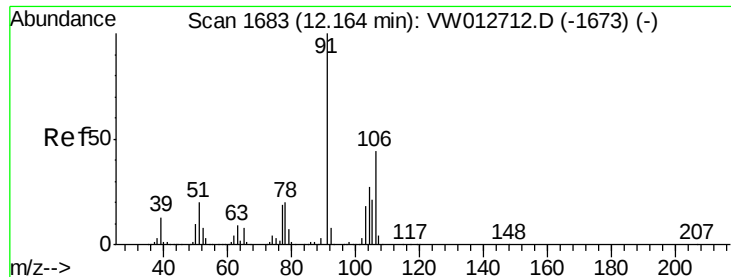
MMDadoda
9/11/2019 9:26:52 AM



#68
m/p-Xylenes
Concen: 41.029 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
106	100		
91	203.8	168.2	252.4





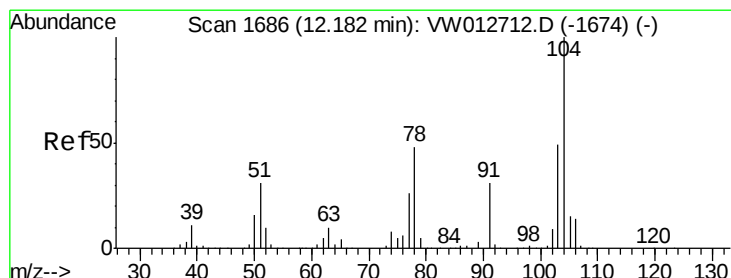
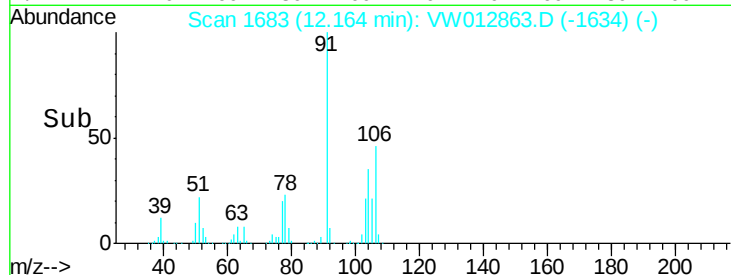
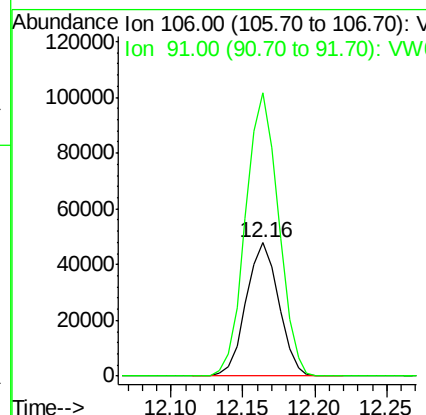
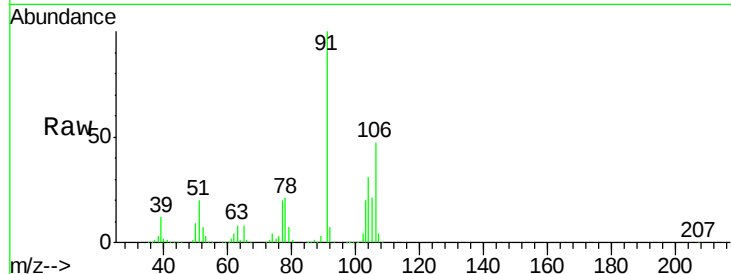
#69
o-Xylene
Concen: 20.552 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.5	112.3	336.8

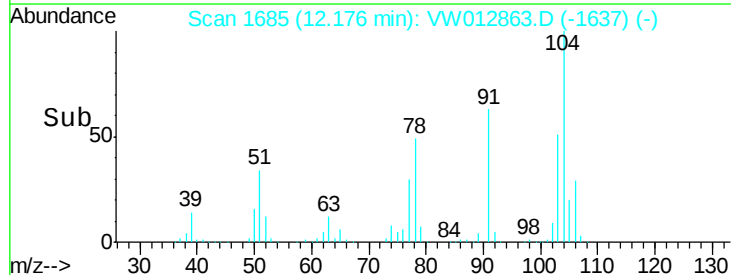
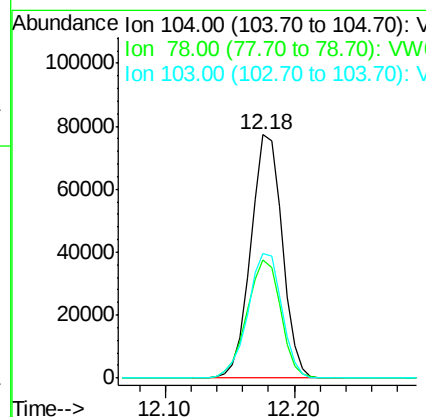
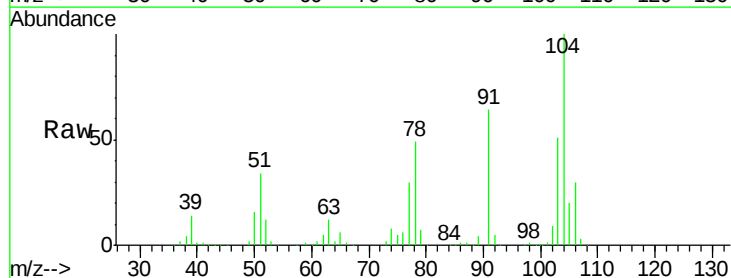
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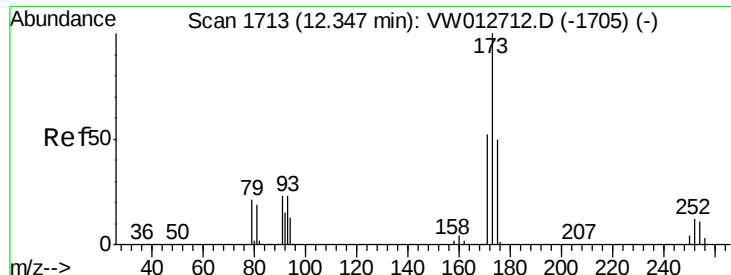
MMDadoda
9/11/2019 9:26:52 AM



#70
Styrene
Concen: 20.084 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.2	43.3	64.9
103	55.4	44.0	66.0





#71

Bromoform

Concen: 17.509 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

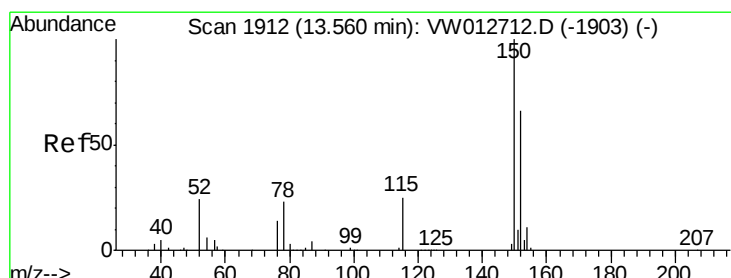
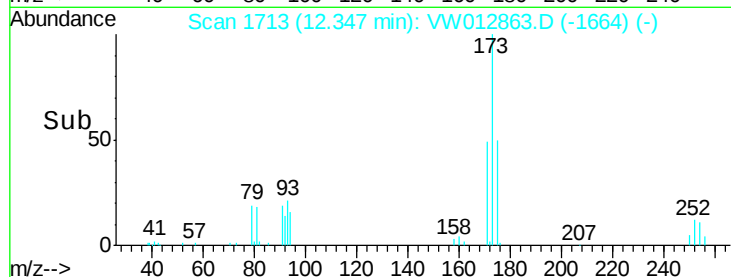
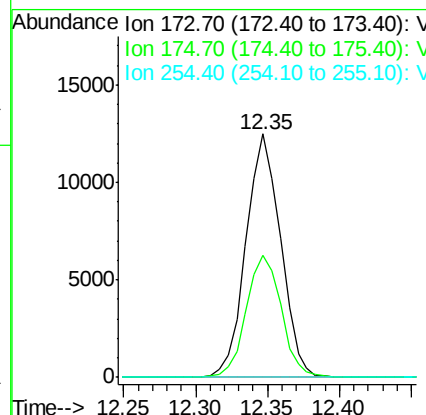
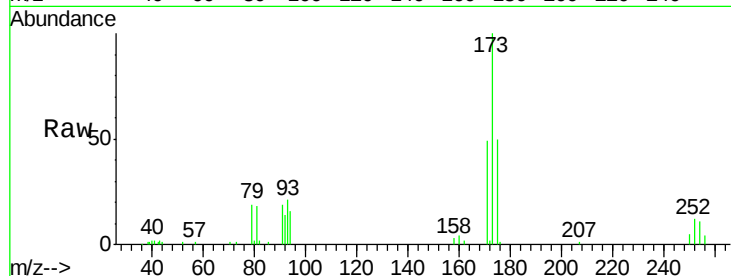
ClientSampleId :

VW0910SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.8	74.3
254	0.0	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

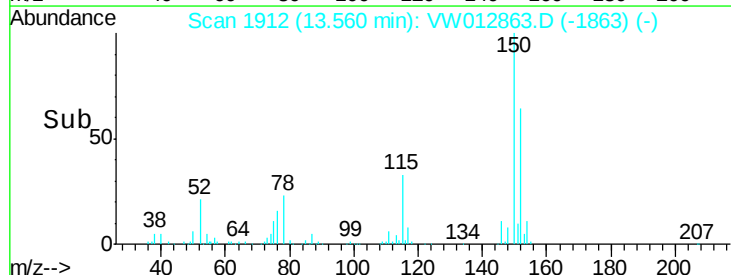
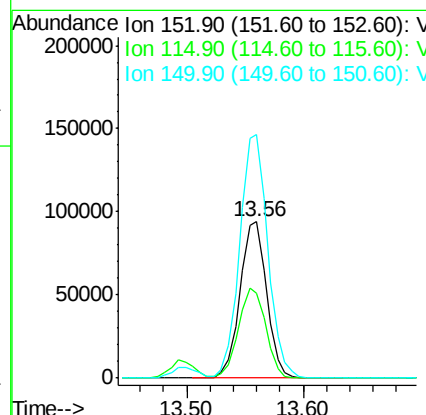
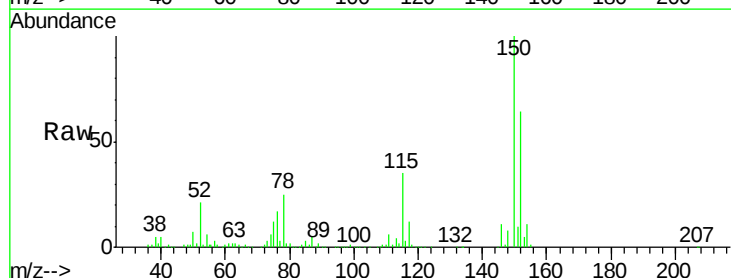
RT: 13.56 min Scan# 1912

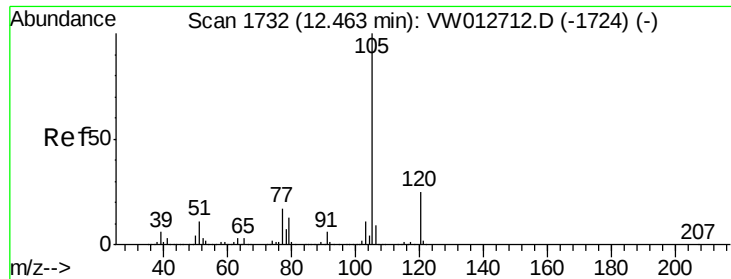
Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.0	90.1
150	164.4	0.0	349.0





#73

Isopropylbenzene

Concen: 19.878 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion:105 Resp: 213953

Ion Ratio Lower Upper

105 100

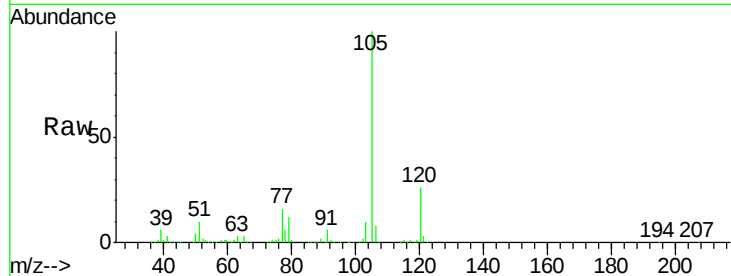
120 25.9 13.0 38.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

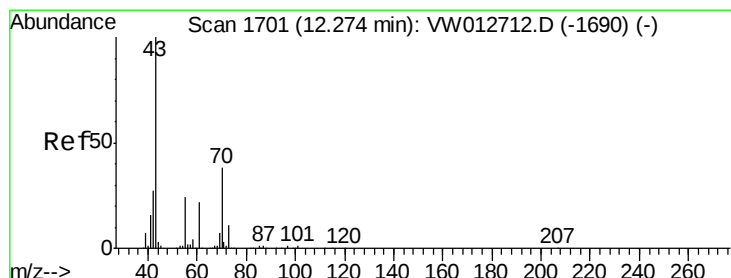
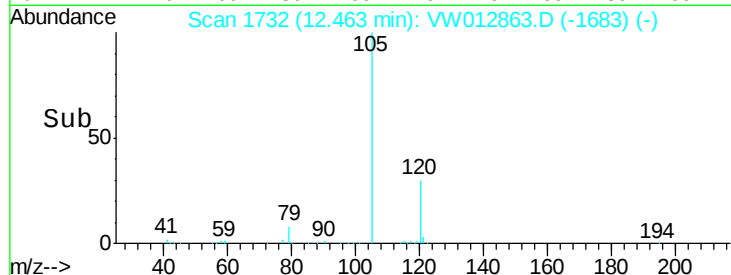
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 16.234 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Tgt Ion: 43 Resp: 55461

Ion Ratio Lower Upper

43 100

70 38.7 29.4 44.0

55 24.2 18.6 27.8

61 22.3 17.8 26.6

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

50000

40000

30000

20000

10000

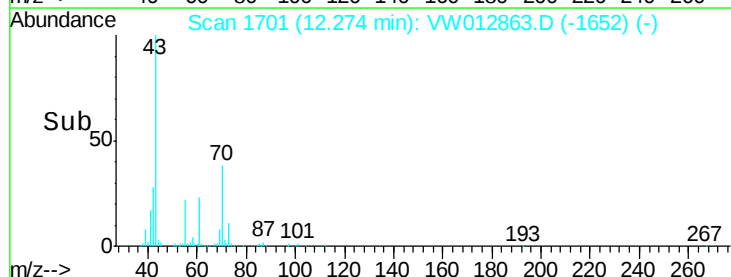
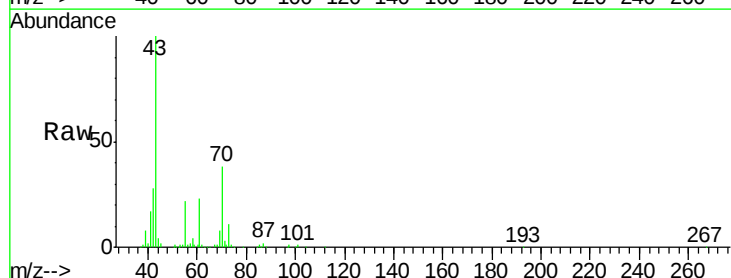
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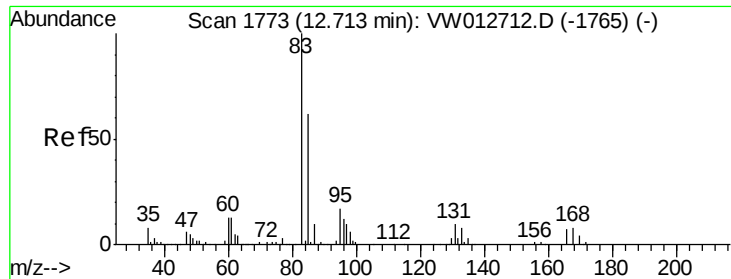
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 16.540 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

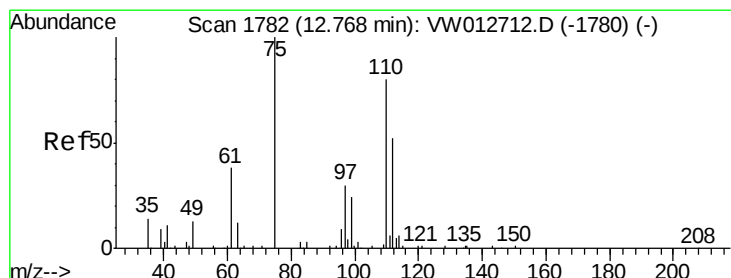
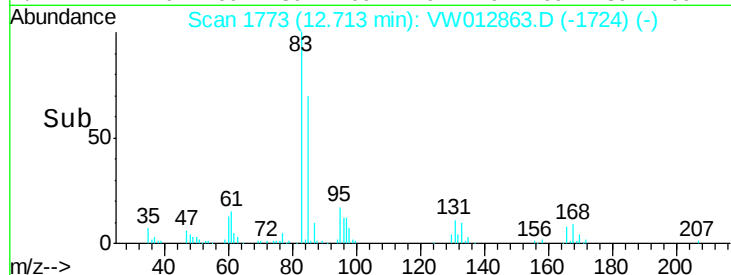
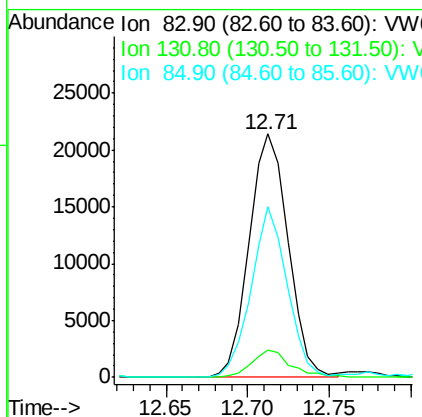
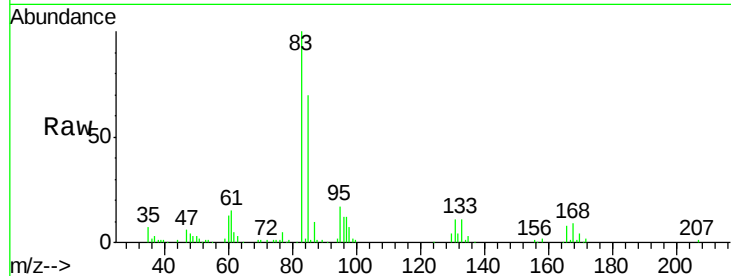
ClientSampleId :

VW0910SBS01

Tot Ion:	83	Resp:	35753
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	64.9	31.4	94.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.020 ug/l m

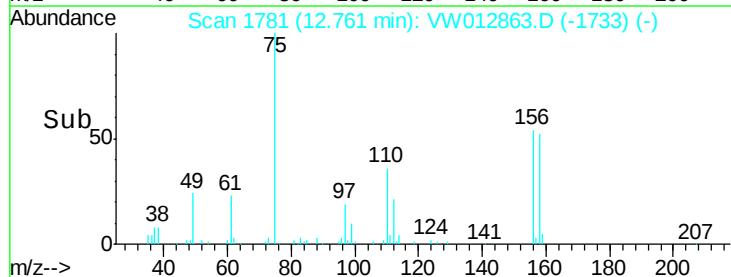
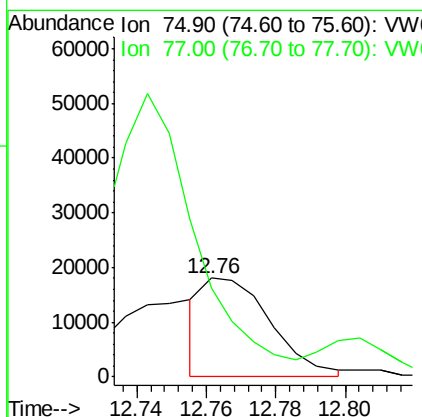
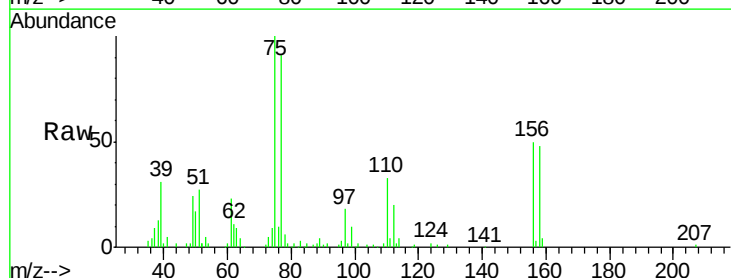
RT: 12.76 min Scan# 1781

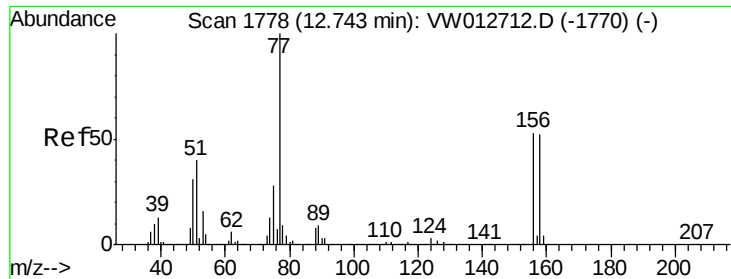
Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Tgt Ion:	75	Resp:	24582
Ion Ratio	Lower	Upper	
75	100		
77	378.1	0.0	0.0#





#77

Bromobenzene

Concen: 19.902 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

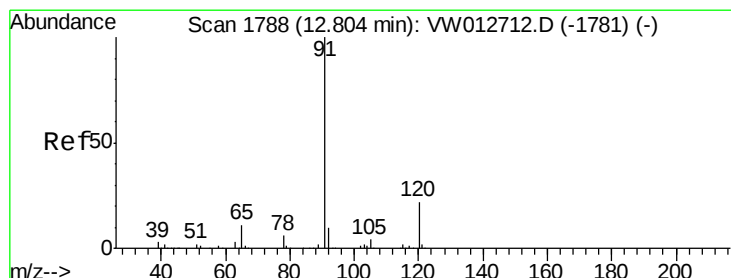
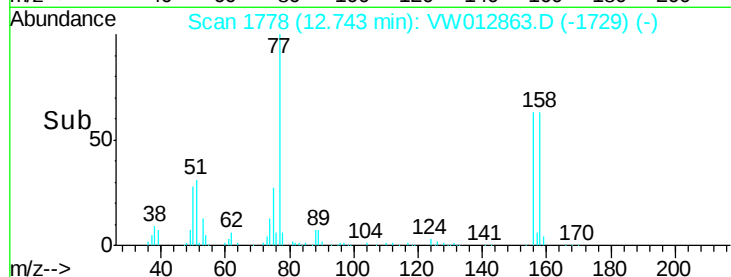
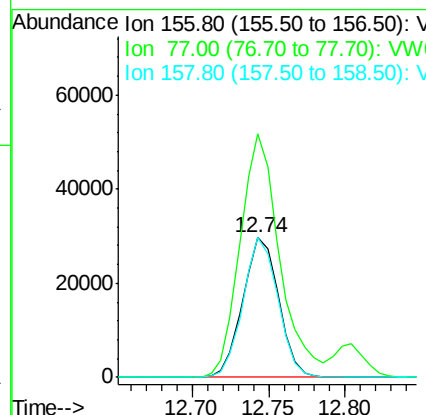
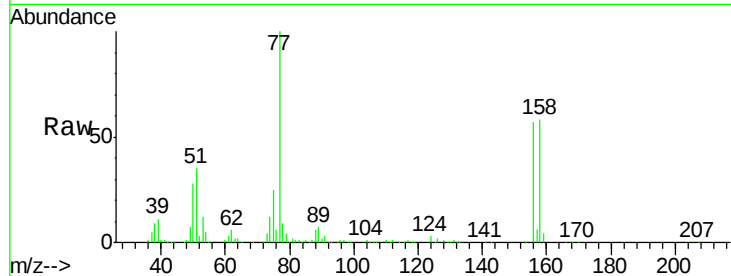
ClientSampleId :

VW0910SBS01

Tot Ion:	156	Resp:	48531
Ion Ratio	Lower	Upper	
156	100		
77	191.5	102.3	306.9
158	97.3	48.9	146.8

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#78

n-propylbenzene

Concen: 19.872 ug/l

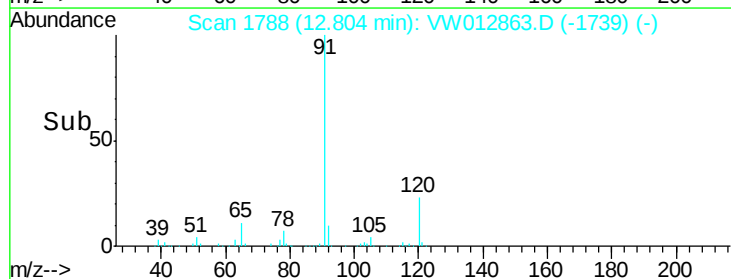
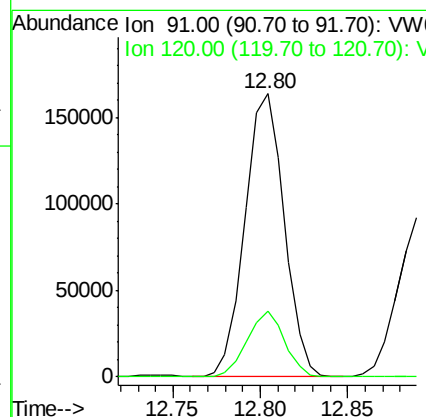
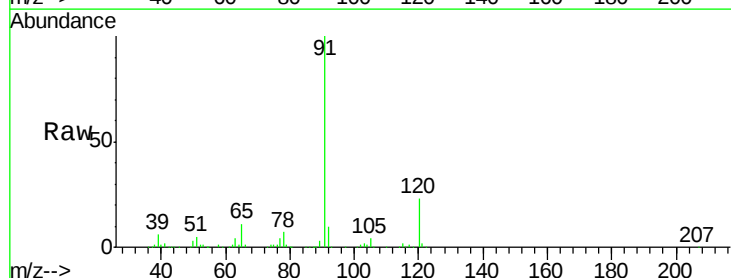
RT: 12.80 min Scan# 1788

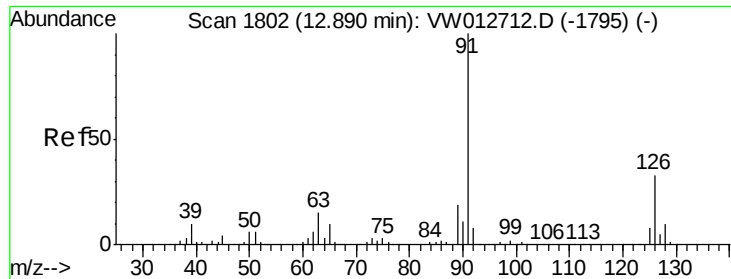
Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Tgt Ion:	91	Resp:	255814
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.0	33.0





#79

2-Chlorotoluene

Concen: 19.681 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampled :

VW0910SBS01

Tot Ion: 91 Resp: 145441

Ion Ratio Lower Upper

91 100

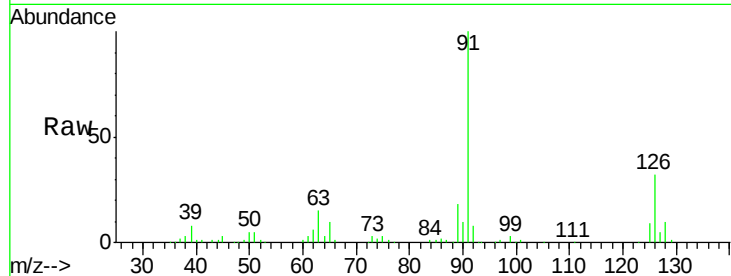
126 32.5 16.1 48.3

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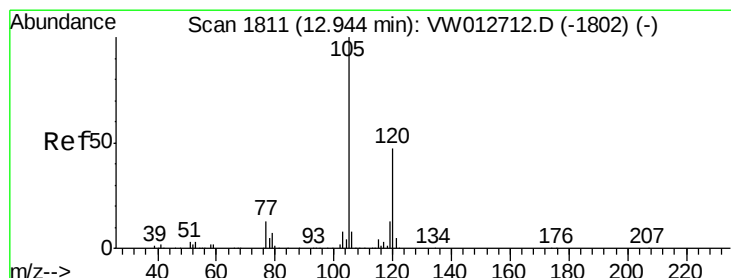
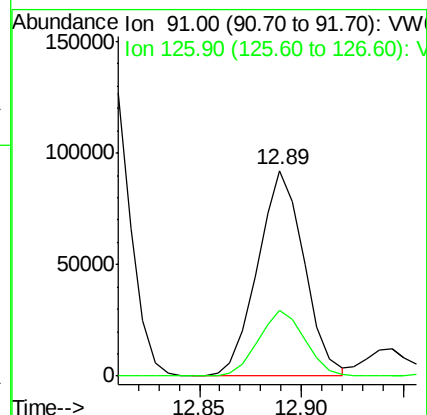
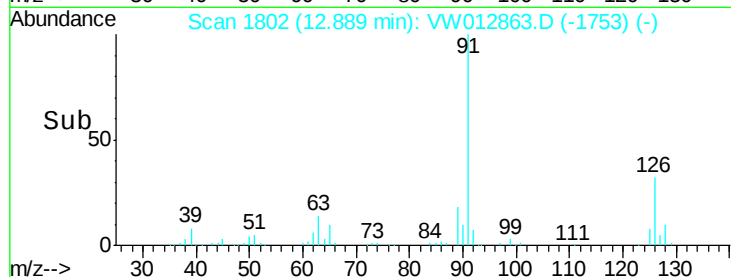
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.958 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012863.D

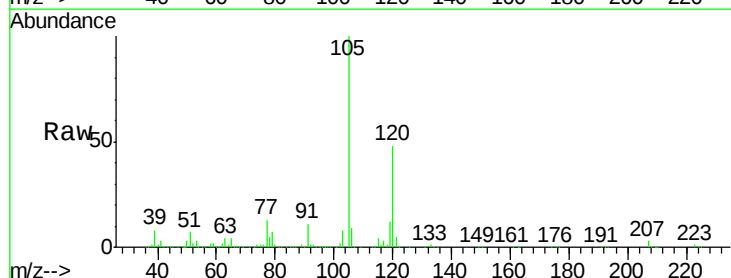
Acq: 10 Sep 2019 12:05

Tgt Ion:105 Resp: 181012

Ion Ratio Lower Upper

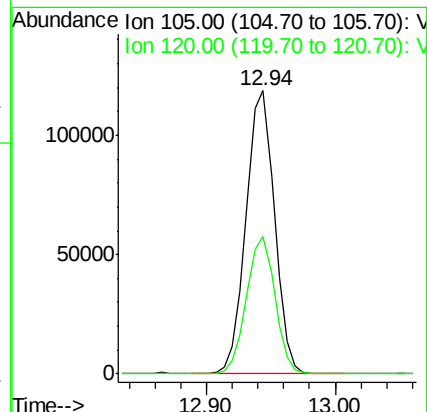
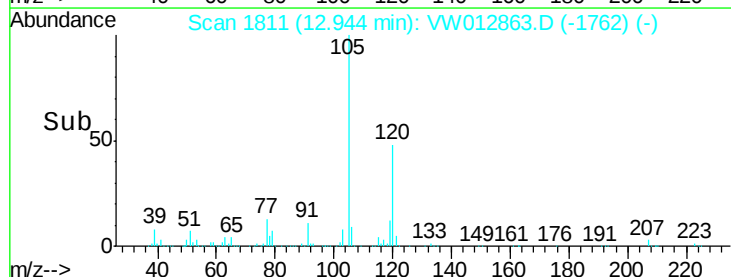
105 100

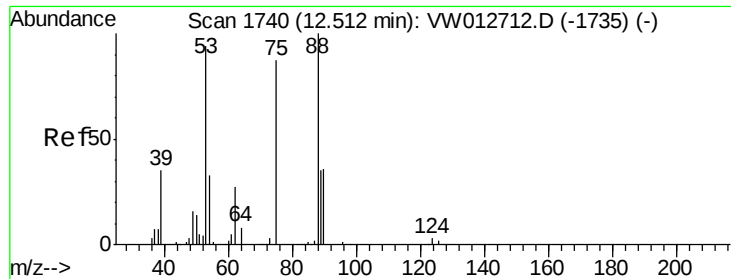
120 48.7 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





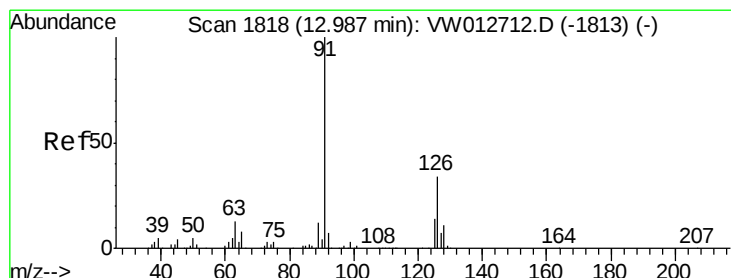
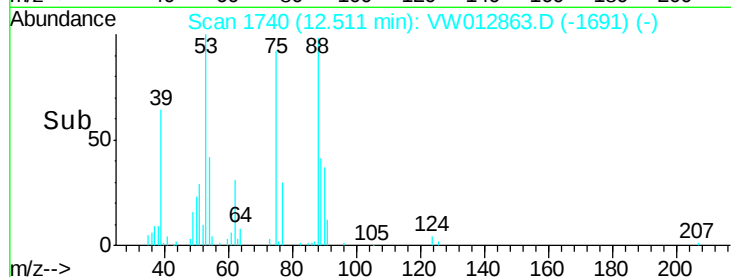
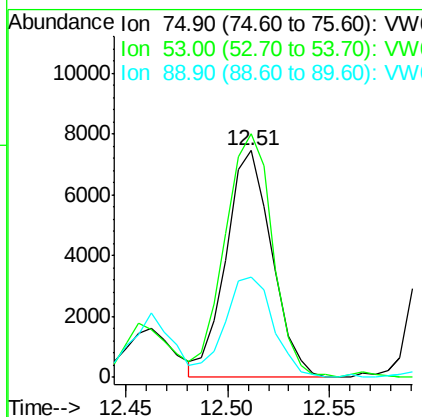
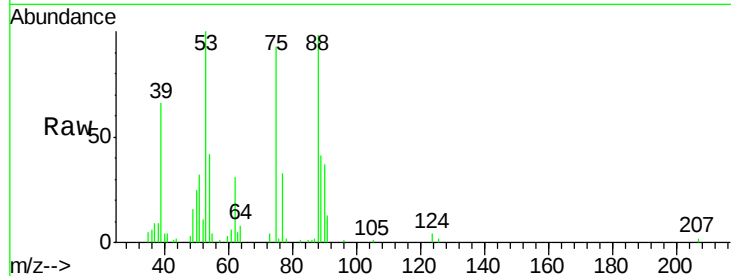
#81
trans-1,4-Dichloro-2-butene
Concen: 16.055 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.9	87.6	131.4
89	47.2	35.5	53.3

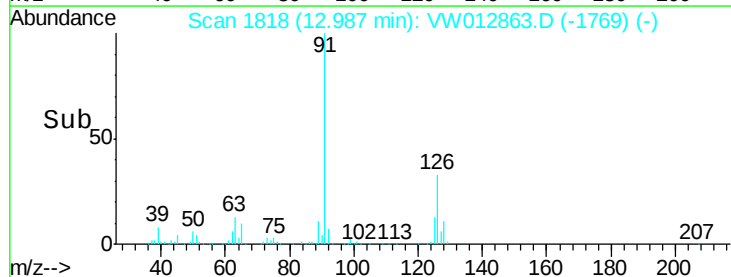
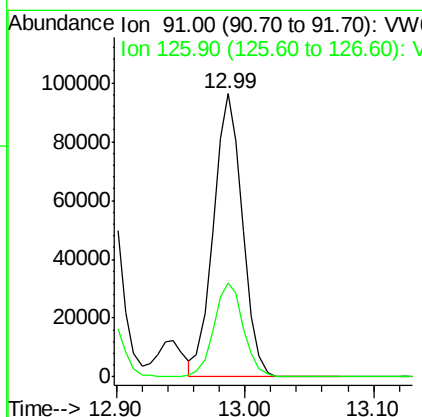
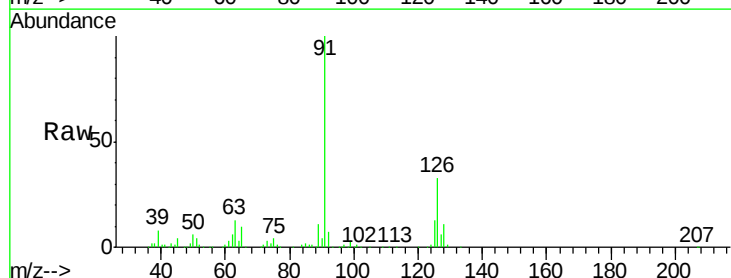
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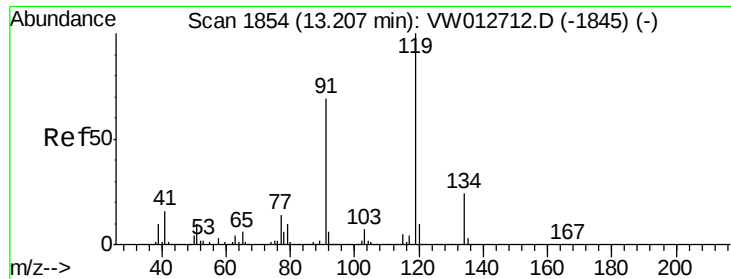
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#82
4-Chlorotoluene
Concen: 19.447 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	15.9	47.6





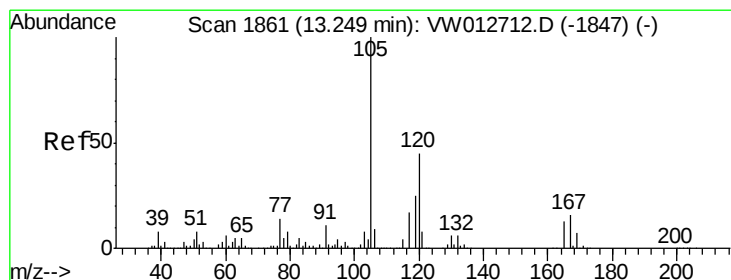
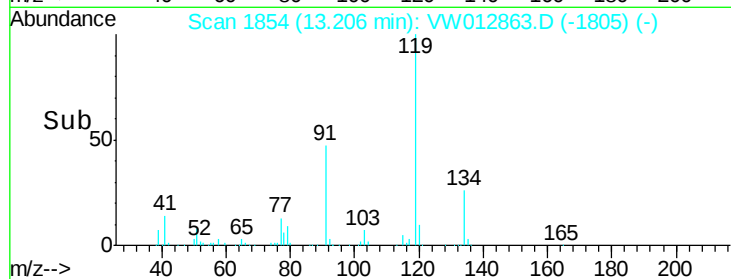
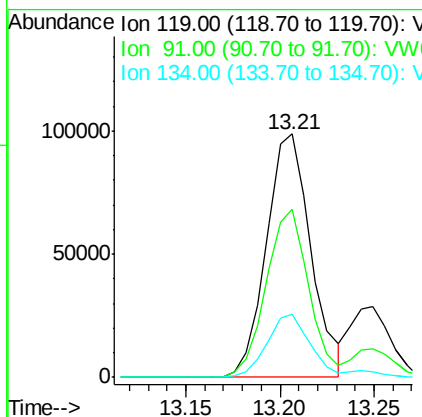
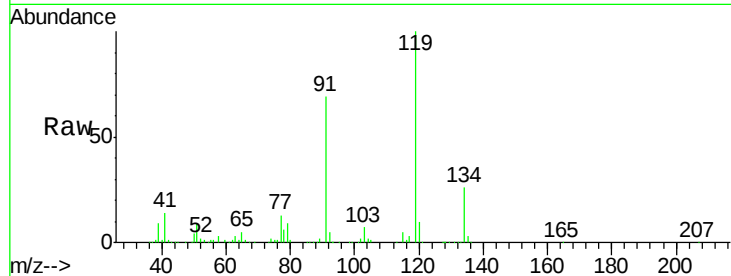
#83
tert-Butylbenzene
Concen: 20.236 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	162280		
91	65.9	34.2	102.5	
134	25.3	12.3	36.9	

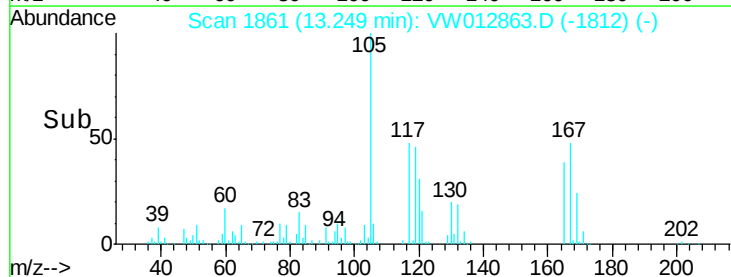
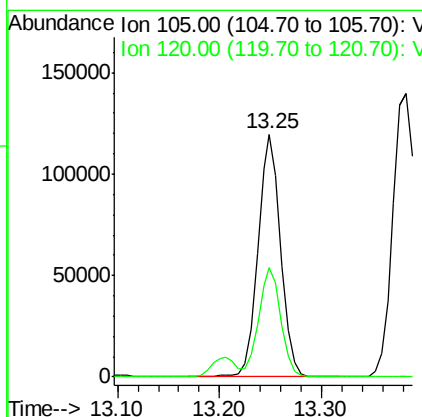
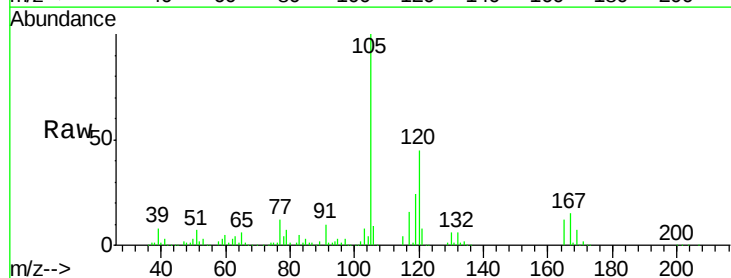
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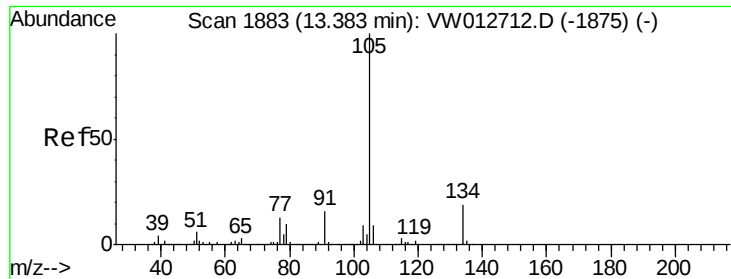
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#84
1,2,4-Trimethylbenzene
Concen: 20.226 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184836		
120	44.4	22.1	66.3	





#85

sec-Butylbenzene

Concen: 19.735 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

Instrument :

MSVOA_W

ClientSampleId :

VW0910SBS01

Tot Ion:105 Resp: 219609

Ion Ratio Lower Upper

105 100

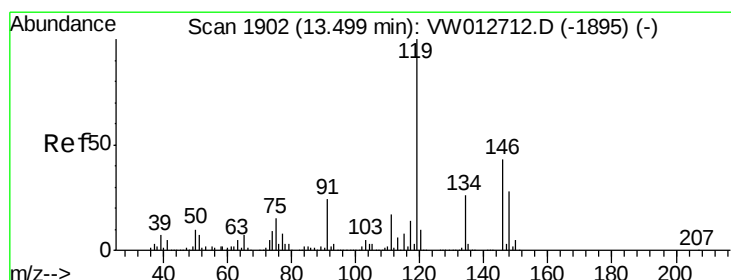
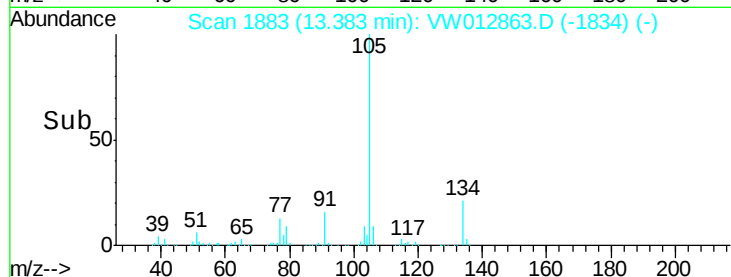
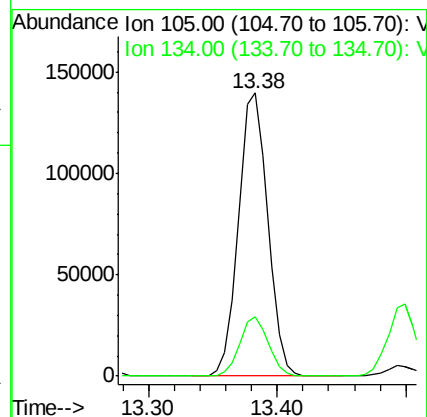
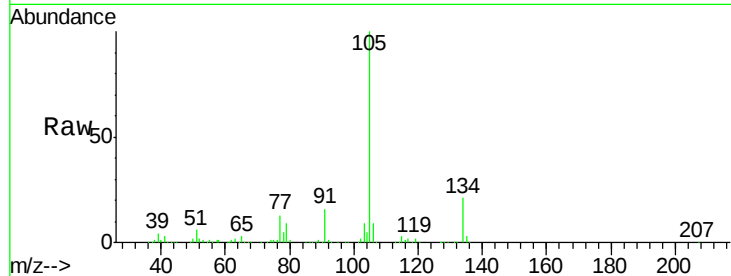
134 20.5 9.8 29.3

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#86

p-Isopropyltoluene

Concen: 20.067 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW012863.D

Acq: 10 Sep 2019 12:05

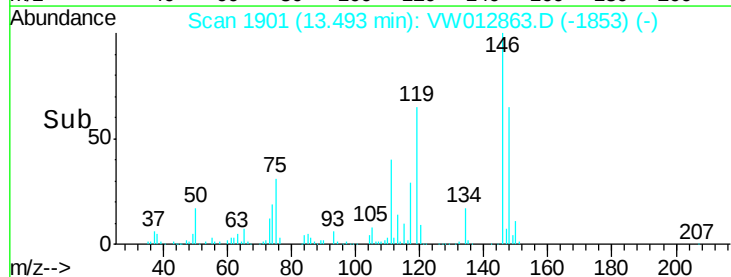
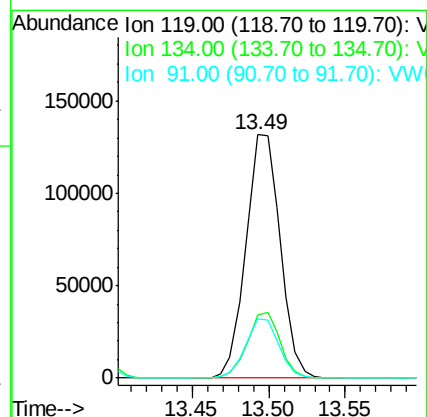
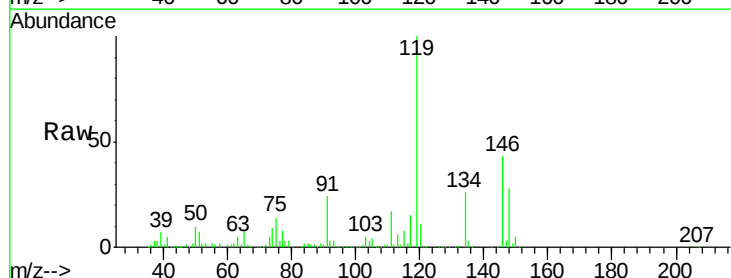
Tgt Ion:119 Resp: 203969

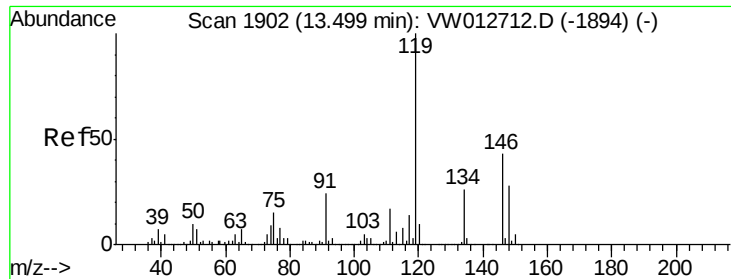
Ion Ratio Lower Upper

119 100

134 26.2 12.7 38.1

91 23.9 12.2 36.6





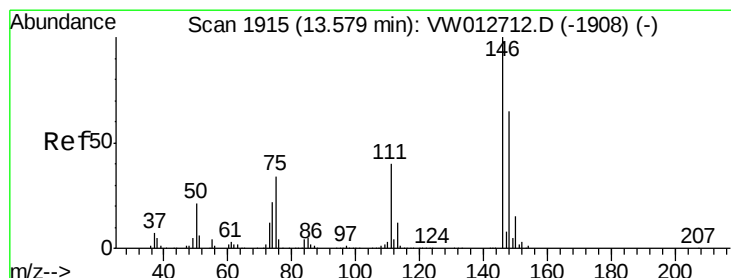
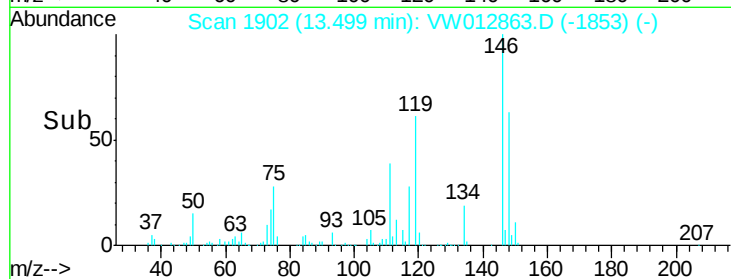
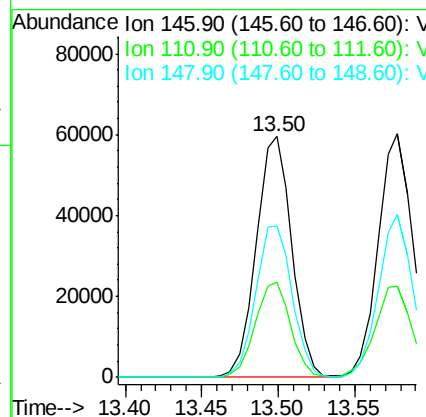
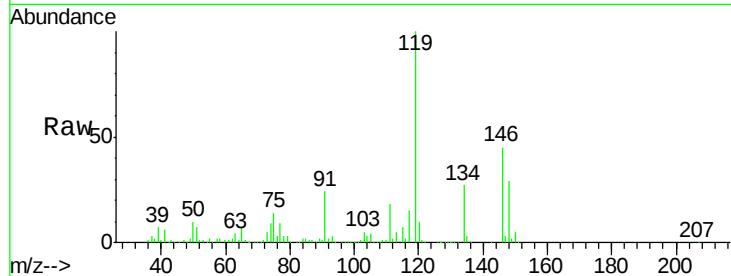
#87
 1,3-Dichlorobenzene
 Concen: 20.067 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.4	61.2
148	64.6	31.8	95.4

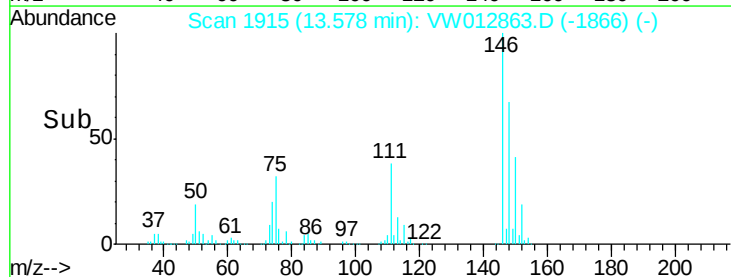
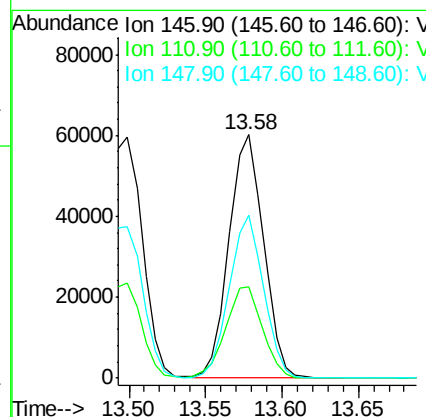
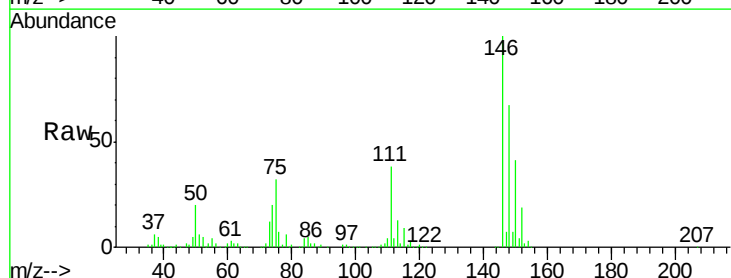
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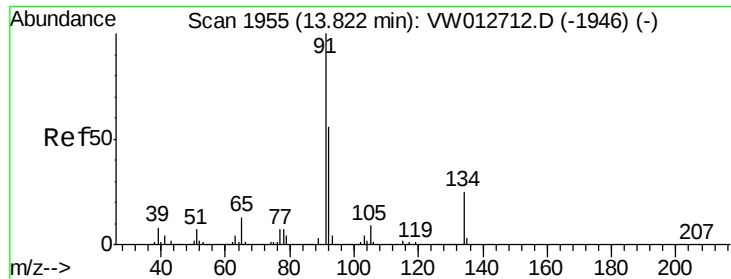
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#88
 1,4-Dichlorobenzene
 Concen: 19.825 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	66.3	32.2	96.6





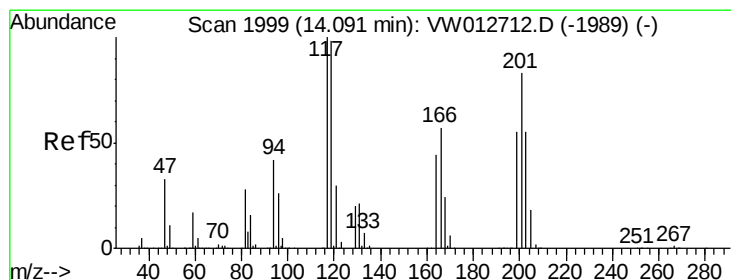
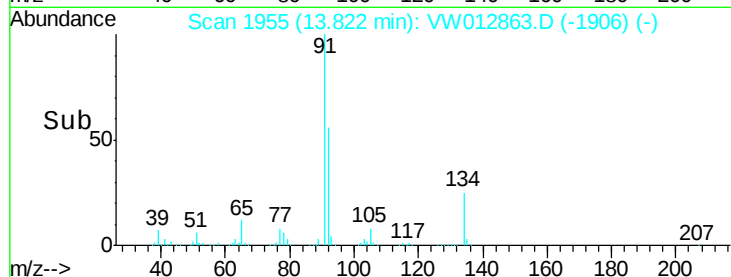
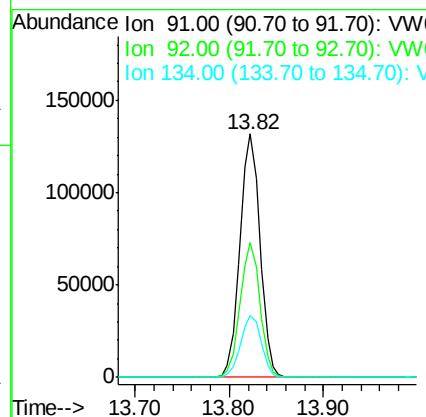
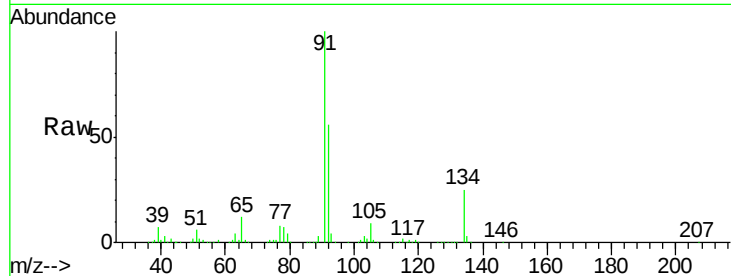
#89
n-Butylbenzene
Concen: 19.836 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	195744		
92	54.6		27.2	81.5
134	25.9		12.7	38.1

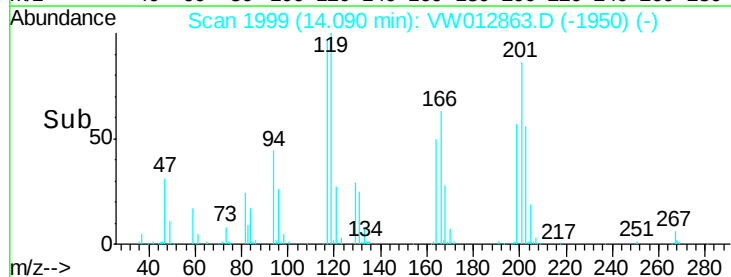
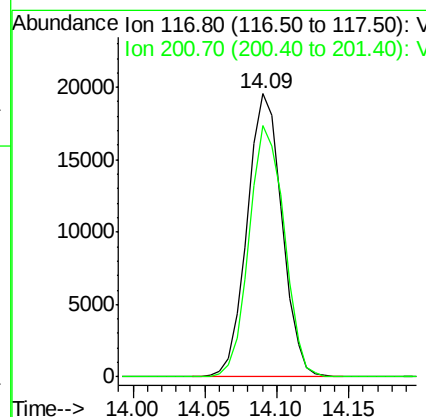
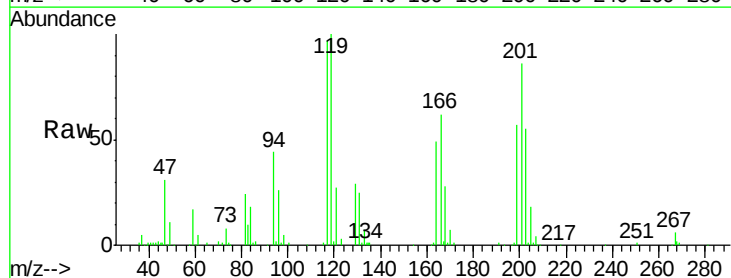
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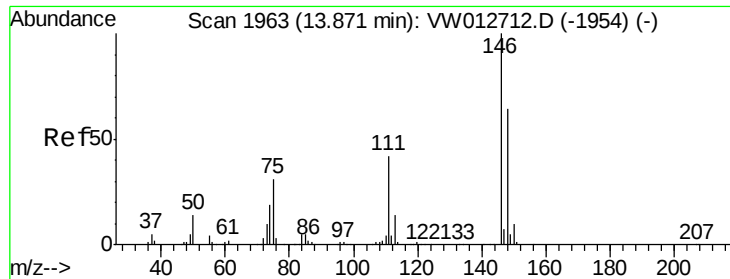
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#90
Hexachloroethane
Concen: 18.415 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	32677		
201	89.1		42.8	128.4





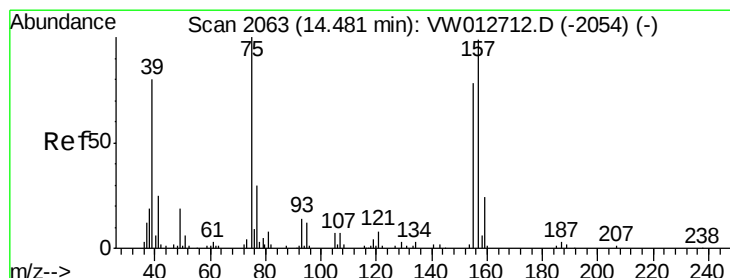
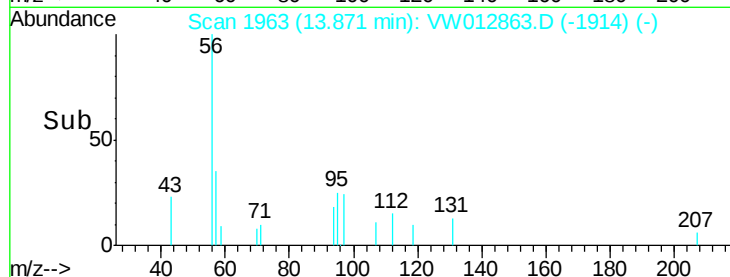
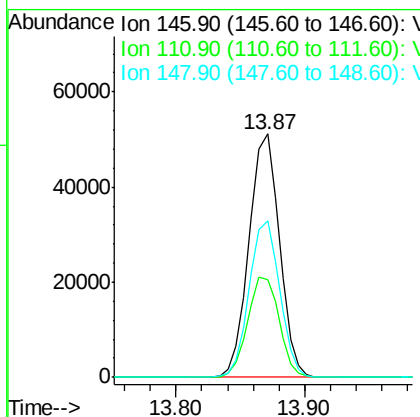
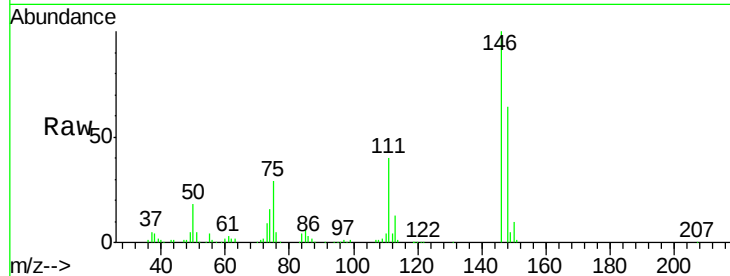
#91
 1,2-Dichlorobenzene
 Concen: 19.353 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.3	63.9
148	64.4	32.1	96.5

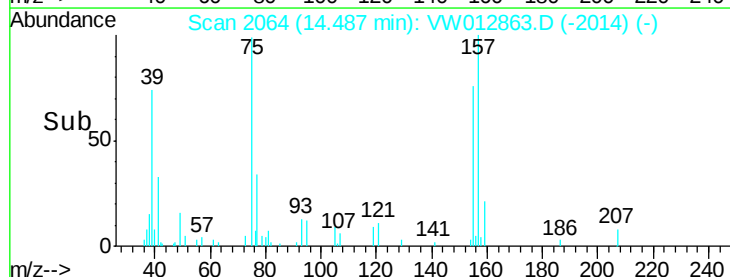
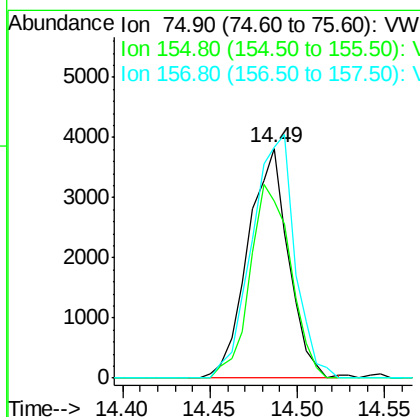
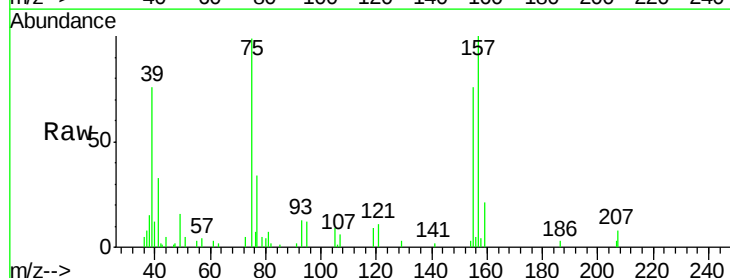
Manual Integrations
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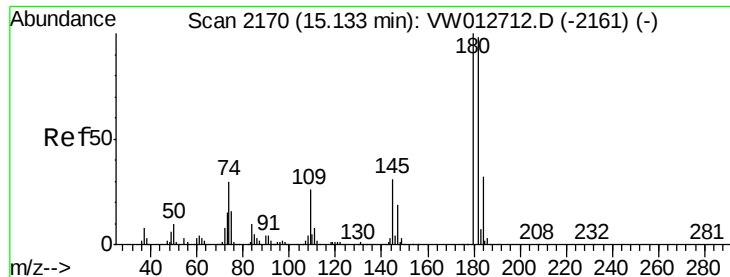
MMDadoda
 9/11/2019 9:26:52 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.592 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	40.6	122.0
157	111.7	52.5	157.5





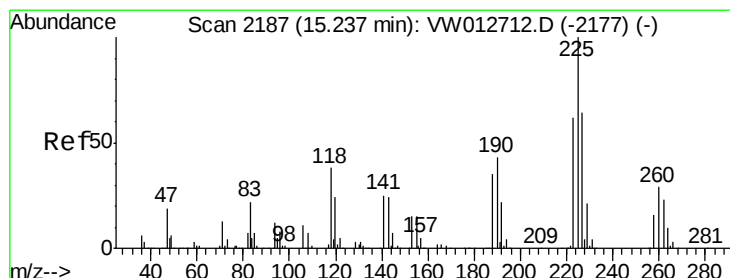
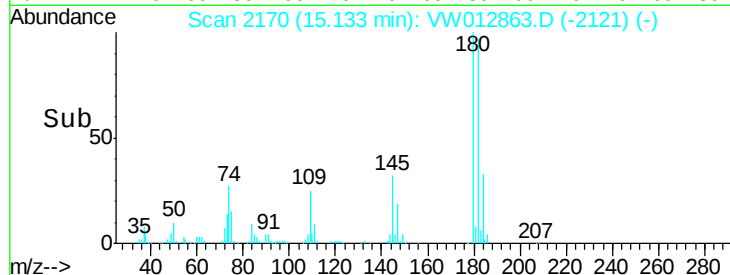
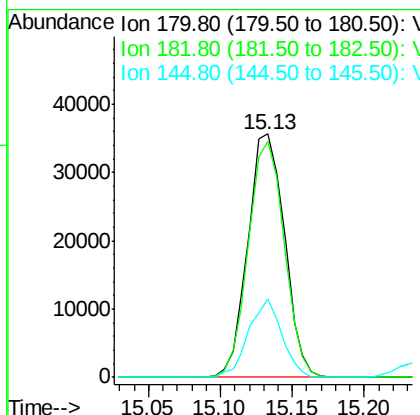
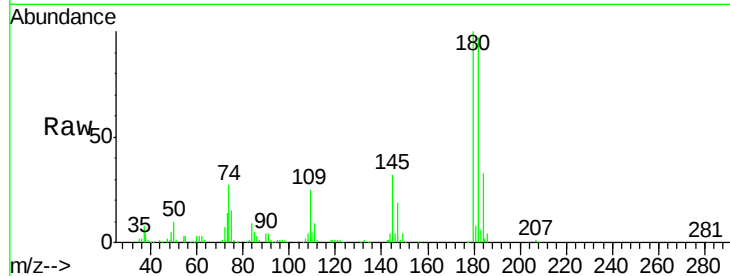
#93
 1,2,4-Trichlorobenzene
 Concen: 20.902 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	62779		
182	94.9		48.7	146.1
145	29.2		15.0	45.1

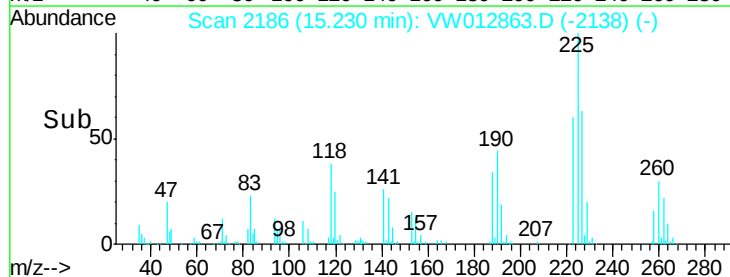
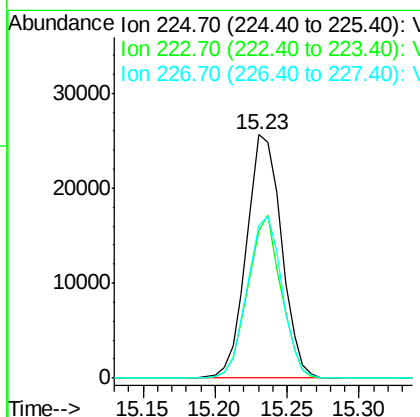
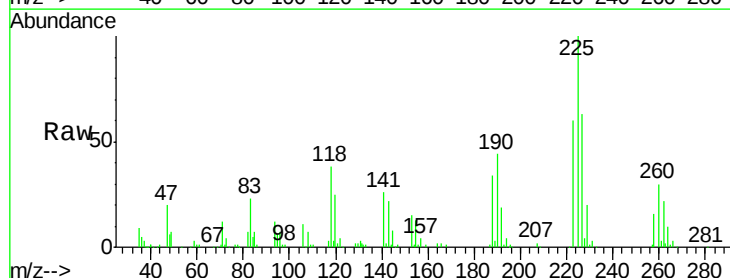
Manual Integrations
 APPROVED

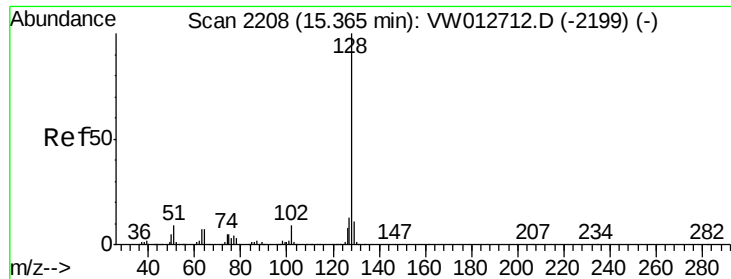
MMDadoda
 9/11/2019 9:26:52 AM



#94
 Hexachlorobutadiene
 Concen: 20.713 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW012863.D
 Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	43060		
223	63.5		31.1	93.3
227	65.7		31.4	94.2





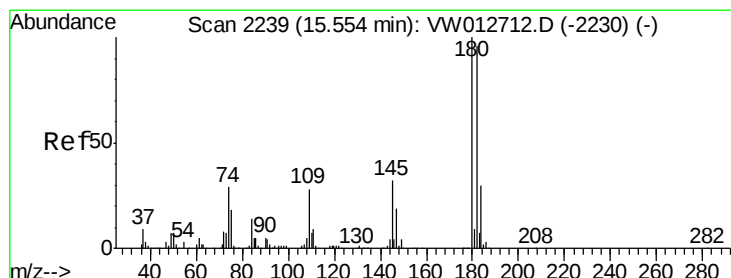
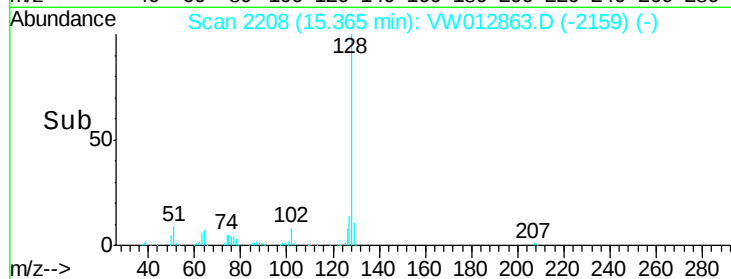
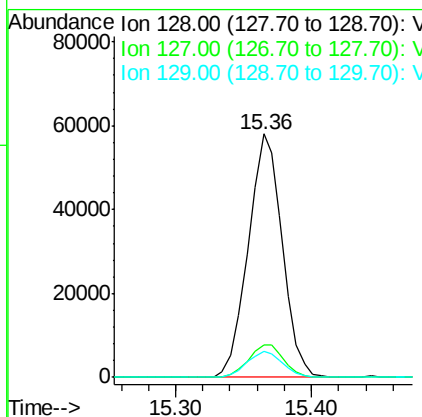
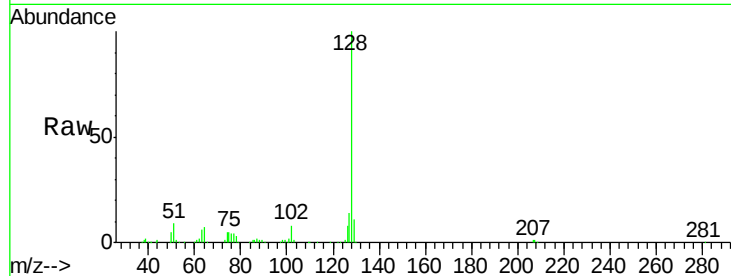
#95
Naphthalene
Concen: 19.159 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Instrument :
MSVOA_W
ClientSampleId :
VW0910SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	101709		
127	13.8		10.7	16.1
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/11/2019 9:26:52 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.722 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012863.D
Acq: 10 Sep 2019 12:05

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	54938		
182	93.2		47.8	143.3
145	31.4		15.4	46.2

