

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013080.D
 Acq On : 17 Sep 2019 10:53
 Operator : SY/VA
 Sample : VW0917SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:27:21 AM

Quant Time: Sep 18 07:21:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	345078	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	516155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	437836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	218614	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	158017	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	7.88	113	141290	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	10.32	98	579759	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	199288	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	31578	21.341	ug/l 97
3) Chloromethane	2.21	50	41180	22.089	ug/l 100
4) Vinyl Chloride	2.36	62	52191	21.130	ug/l 98
5) Bromomethane	2.76	94	28937	19.184	ug/l 96
6) Chloroethane	2.90	64	31585	20.850	ug/l 96
7) Trichlorofluoromethane	3.25	101	30171	17.468	ug/l 99
8) Diethyl Ether	3.67	74	26004	19.281	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	49905	19.050	ug/l 99
10) Methyl Iodide	4.26	142	68147	20.786	ug/l 97
11) Tert butyl alcohol	5.18	59	27795m	117.876	ug/l
12) 1,1-Dichloroethene	4.04	96	48268	20.264	ug/l 95
13) Acrolein	3.89	56	20794	83.847	ug/l 98
14) Allyl chloride	4.66	41	95732	21.171	ug/l 96
15) Acrylonitrile	5.37	53	65564	95.182	ug/l 100
16) Acetone	4.13	43	61141	74.704	ug/l 97
17) Carbon Disulfide	4.37	76	95685	20.158	ug/l 99
18) Methyl Acetate	4.67	43	36058	19.859	ug/l 100
19) Methyl tert-butyl Ether	5.42	73	91613	19.485	ug/l 94
20) Methylene Chloride	4.91	84	55795	18.391	ug/l 95
21) trans-1,2-Dichloroethene	5.42	96	52987	20.770	ug/l 97
22) Diisopropyl ether	6.31	45	196583	20.926	ug/l 96
23) Vinyl Acetate	6.25	43	547750	97.353	ug/l 97
24) 1,1-Dichloroethane	6.21	63	109365	20.192	ug/l 97
25) 2-Butanone	7.17	43	95171	93.912	ug/l 95
26) 2,2-Dichloropropane	7.17	77	73818	18.767	ug/l 99
27) cis-1,2-Dichloroethene	7.16	96	62232	20.375	ug/l 100
28) Bromochloromethane	7.51	49	44263	19.416	ug/l 98
29) Tetrahydrofuran	7.53	42	54850	94.992	ug/l 97
30) Chloroform	7.67	83	106625	19.375	ug/l 93
31) Cyclohexane	7.95	56	94636	20.793	ug/l 96
32) 1,1,1-Trichloroethane	7.87	97	87494	19.305	ug/l 96
36) 1,1-Dichloropropene	8.08	75	80794	19.589	ug/l 99
37) Ethyl Acetate	7.25	43	40924	18.693	ug/l 97
38) Carbon Tetrachloride	8.07	117	76270	18.045	ug/l 96

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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	90618	20.050	ug/l	97
40) Benzene	8.32	78	231522	20.107	ug/l	99
41) Methacrylonitrile	7.48	41	24807	17.207	ug/l	97
42) 1,2-Dichloroethane	8.40	62	70905	18.370	ug/l	98
43) Isopropyl Acetate	8.42	43	75941	18.066	ug/l	99
44) Trichloroethene	9.09	130	61164	19.393	ug/l	92
45) 1,2-Dichloropropane	9.37	63	62964	20.582	ug/l	97
46) Dibromomethane	9.46	93	28402	19.378	ug/l	97
47) Bromodichloromethane	9.64	83	76913	18.708	ug/l	97
48) Methyl methacrylate	9.43	41	36278	18.390	ug/l	97
49) 1,4-Dioxane	9.46	88	7617	310.154	ug/l #	72
51) 4-Methyl-2-Pentanone	10.21	43	197823	91.157	ug/l	100
52) Toluene	10.38	92	147829	20.204	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	77816	18.820	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	89338	18.884	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41246	18.473	ug/l	97
56) Ethyl methacrylate	10.65	69	55811	18.571	ug/l	97
57) 1,3-Dichloropropane	10.93	76	75551	19.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	155966	96.744	ug/l	99
59) 2-Hexanone	10.97	43	132353	87.588	ug/l	100
60) Dibromochloromethane	11.13	129	49079	18.182	ug/l	97
61) 1,2-Dibromoethane	11.23	107	37964	18.639	ug/l	99
64) Tetrachloroethene	10.86	164	49925	19.167	ug/l	97
65) Chlorobenzene	11.66	112	153473	19.679	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56591	18.935	ug/l	99
67) Ethyl Benzene	11.73	91	290687	20.182	ug/l	98
68) m/p-Xylenes	11.84	106	213681	40.610	ug/l	100
69) o-Xylene	12.16	106	97994	19.865	ug/l	97
70) Styrene	12.18	104	172213	19.625	ug/l	99
71) Bromoform	12.35	173	28503	18.156	ug/l #	100
73) Isopropylbenzene	12.46	105	287366	19.832	ug/l	99
74) N-amyl acetate	12.27	43	68407	18.352	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	49405	19.412	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31917m	16.668	ug/l	
77) Bromobenzene	12.74	156	65710	19.684	ug/l	100
78) n-propylbenzene	12.80	91	340089	19.952	ug/l	99
79) 2-Chlorotoluene	12.89	91	193757	19.774	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	241670	19.714	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14895	17.645	ug/l	98
82) 4-Chlorotoluene	12.99	91	204273	19.759	ug/l	99
83) tert-Butylbenzene	13.21	119	217170	19.806	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	245246	20.245	ug/l	99
85) sec-Butylbenzene	13.38	105	295215	19.761	ug/l	99
86) p-Isopropyltoluene	13.50	119	270332	19.709	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	126288	19.111	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	127839	19.686	ug/l	99
89) n-Butylbenzene	13.82	91	255685	19.766	ug/l	100
90) Hexachloroethane	14.09	117	44773	18.215	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	111330	19.157	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8225	17.656	ug/l	95

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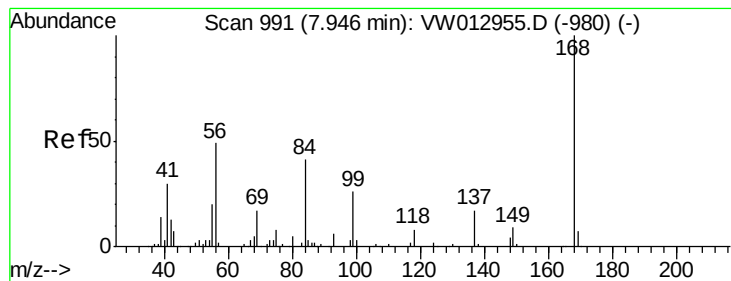
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QLast Update : Fri Sep 13 17:26:01 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	77380	18.671	ug/l	98
94) Hexachlorobutadiene	15.24	225	54893	18.710	ug/l	97
95) Naphthalene	15.36	128	124266	17.945	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	66374	18.117	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tot Ion: 168 Resp: 345078

Ion Ratio Lower Upper

168 100

99 54.6 46.2 69.2

Instrument :

MSVOA_W

ClientSampleId :

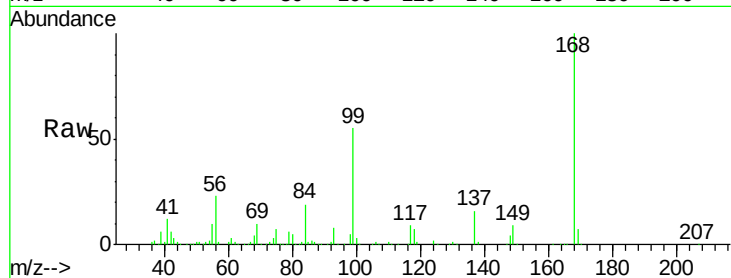
VW0917SBS01

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

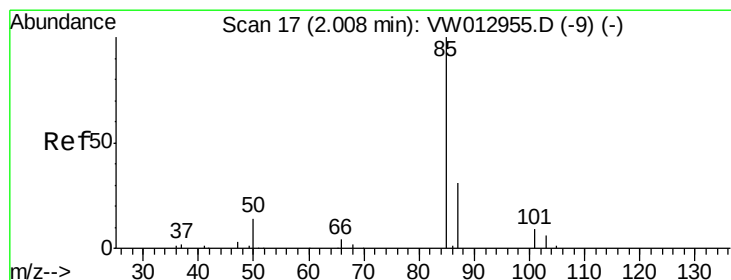
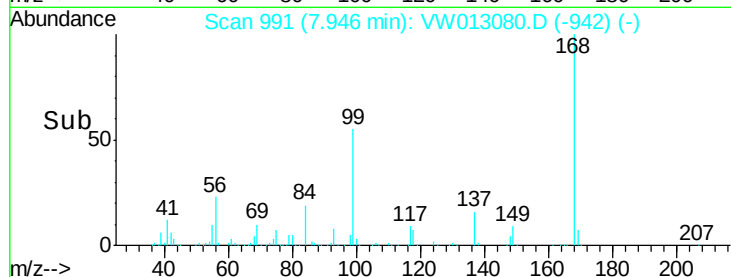
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.341 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013080.D

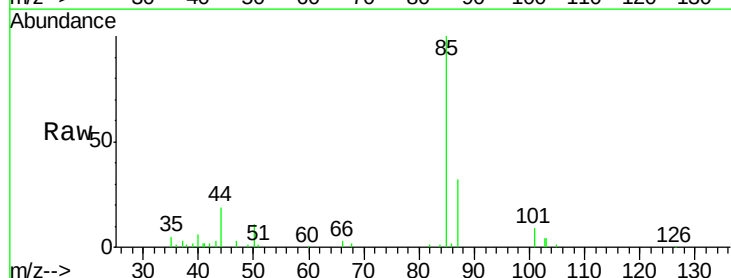
Acq: 17 Sep 2019 10:53

Tgt Ion: 85 Resp: 31578

Ion Ratio Lower Upper

85 100

87 32.4 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

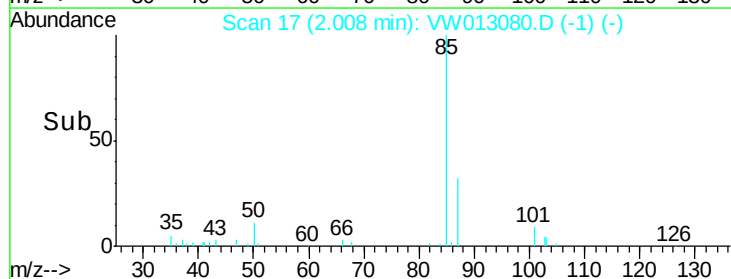
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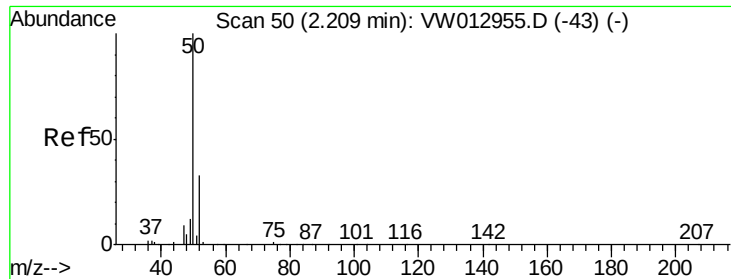
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5000

0

Time-->





#3

Chloromethane

Concen: 22.089 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 50 Resp: 41180

Ion Ratio Lower Upper

50 100

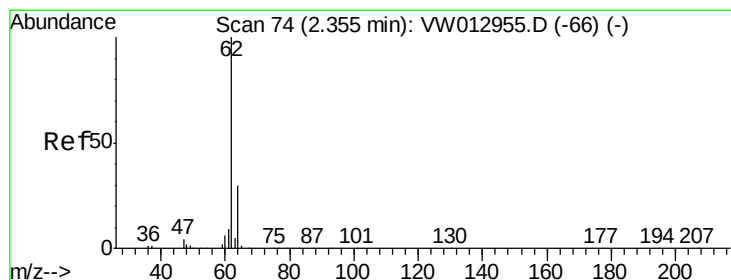
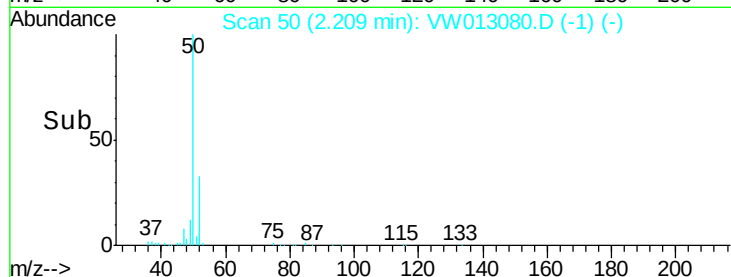
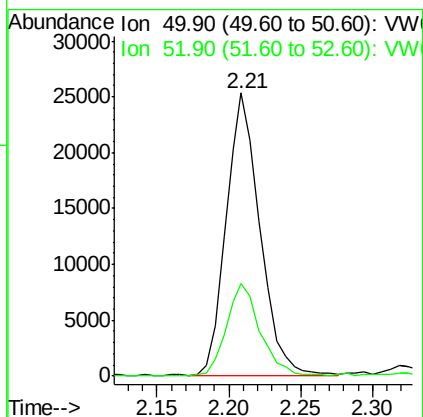
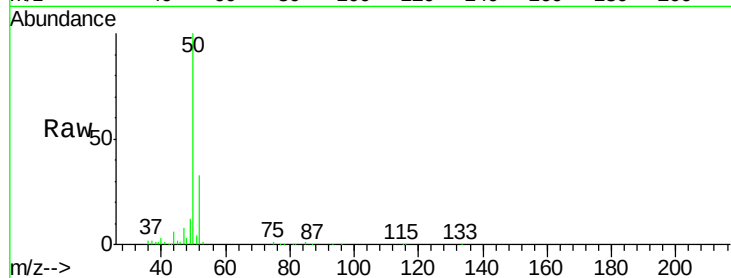
52 33.0 26.6 39.8

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#4

Vinyl Chloride

Concen: 21.130 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013080.D

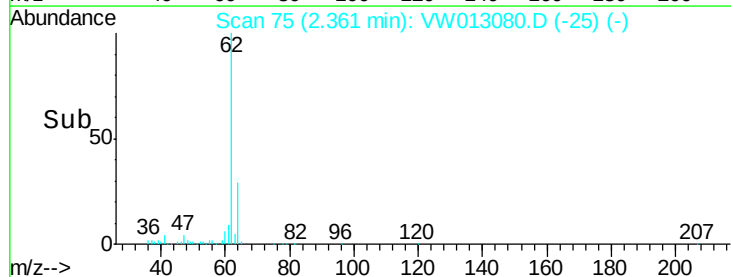
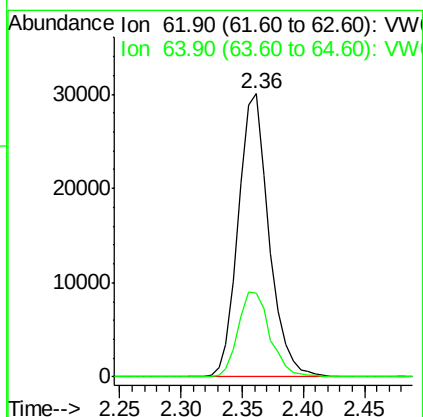
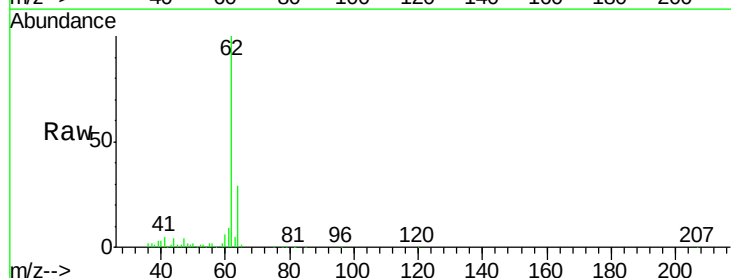
Acq: 17 Sep 2019 10:53

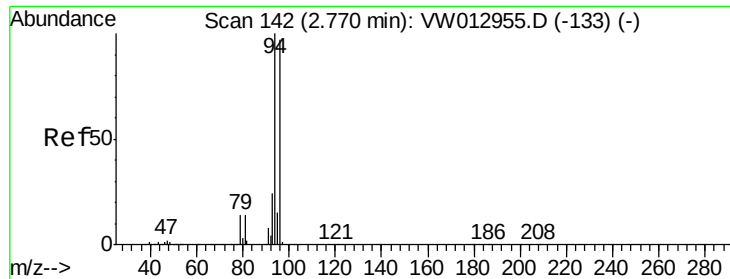
Tgt Ion: 62 Resp: 52191

Ion Ratio Lower Upper

62 100

64 29.4 24.2 36.4





#5

Bromomethane

Concen: 19.184 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 94 Resp: 28937

Ion Ratio Lower Upper

94 100

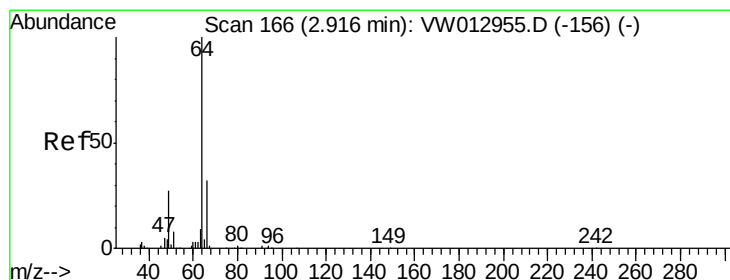
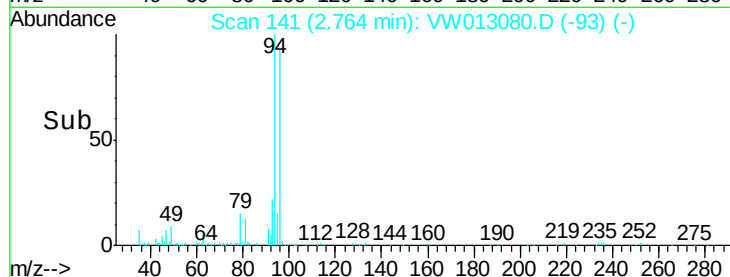
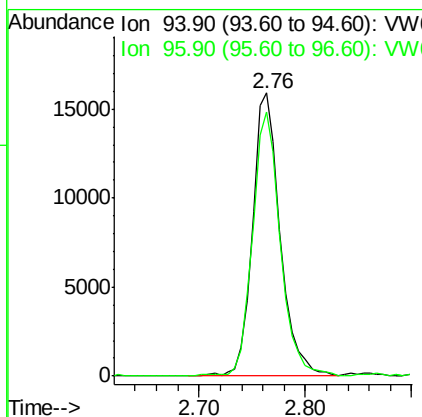
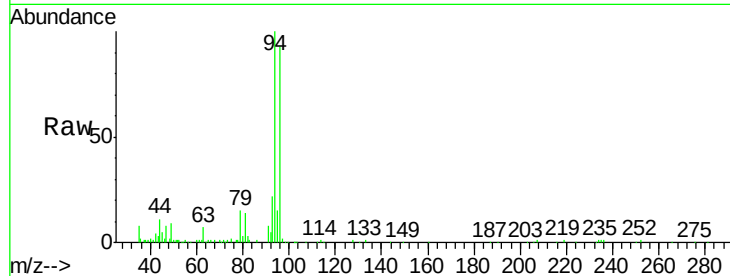
96 93.2 77.8 116.6

Manual Integrations

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#6

Chloroethane

Concen: 20.850 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW013080.D

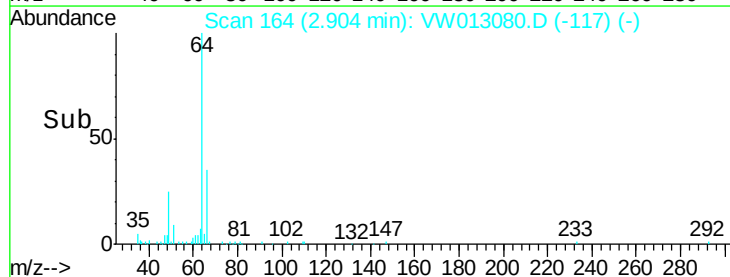
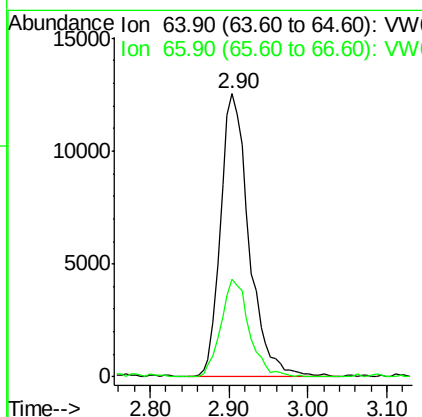
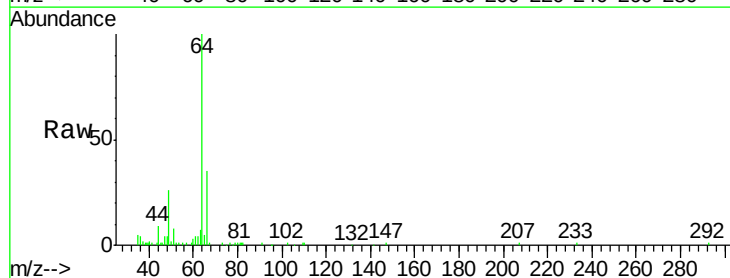
Acq: 17 Sep 2019 10:53

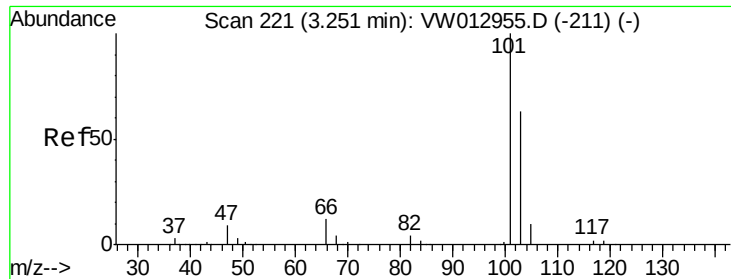
Tgt Ion: 64 Resp: 31585

Ion Ratio Lower Upper

64 100

66 34.5 25.9 38.9





#7

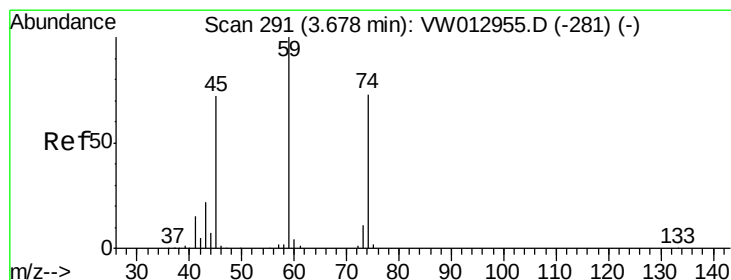
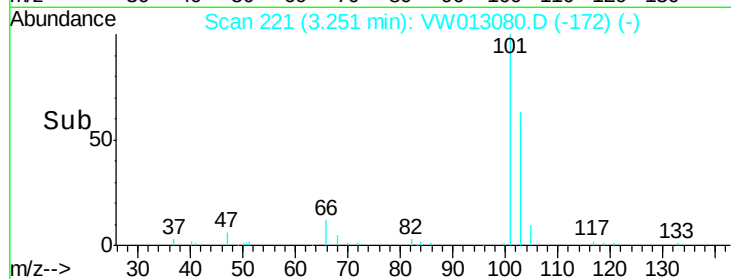
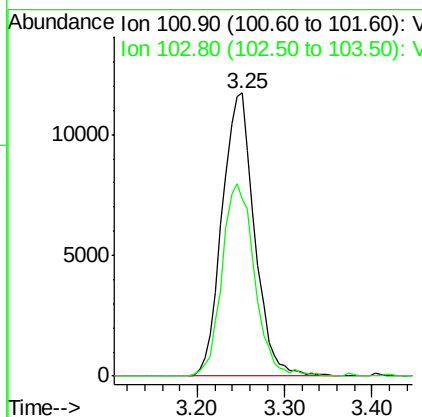
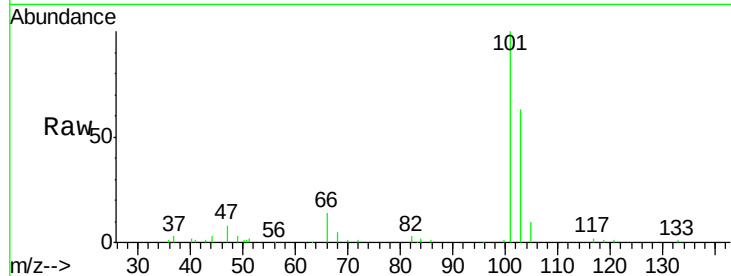
Trichlorofluoromethane
 Concen: 17.468 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
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 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.6	50.7	76.1

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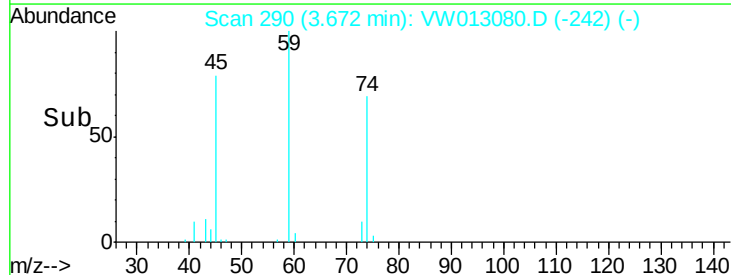
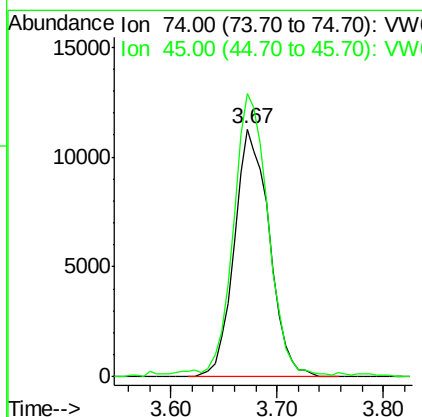
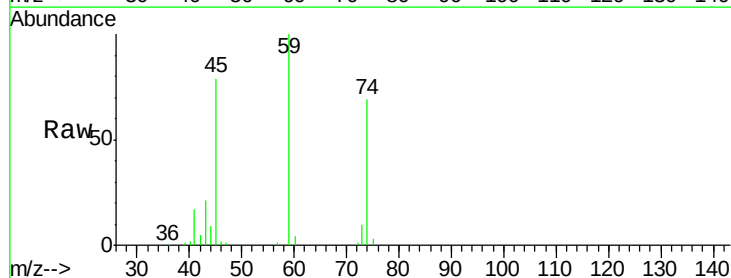
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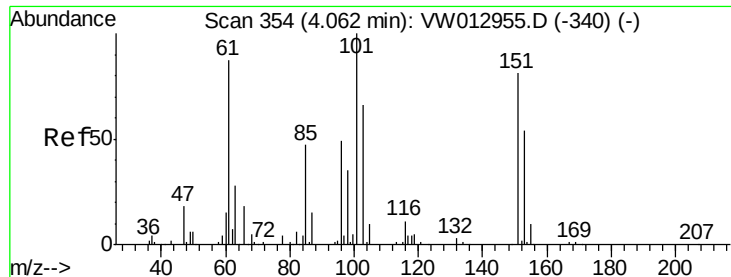


#8

Diethyl Ether
 Concen: 19.281 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.3	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.050 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

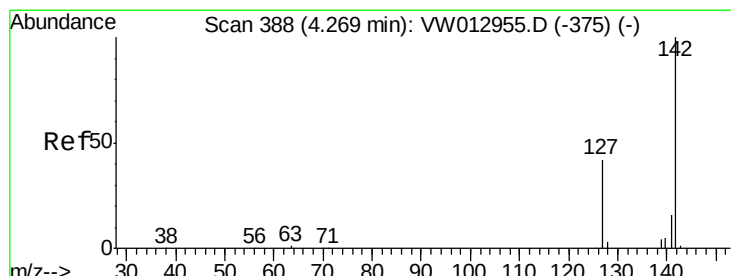
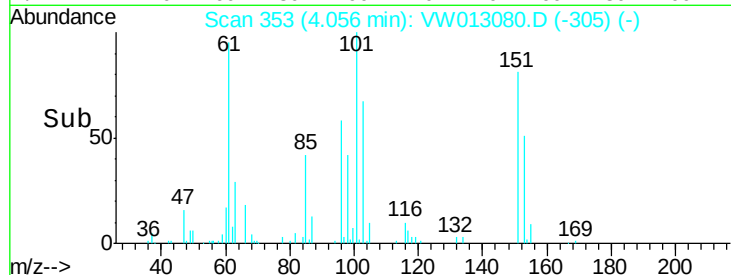
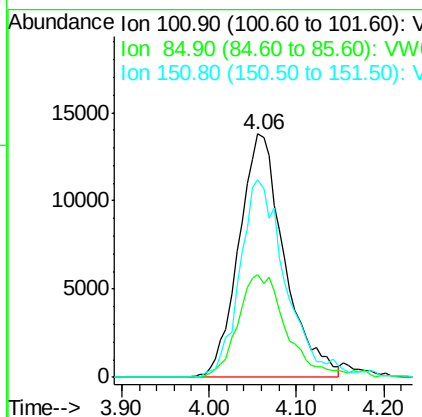
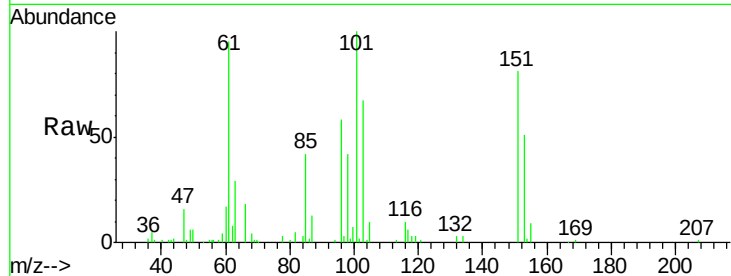
ClientSampleId :

VW0917SBS01

Tot Ion:	101	Resp:	49905
Ion Ratio	Lower	Upper	
101	100		
85	44.7	34.9	52.3
151	81.6	66.0	99.0

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#10

Methyl Iodide

Concen: 20.786 ug/l

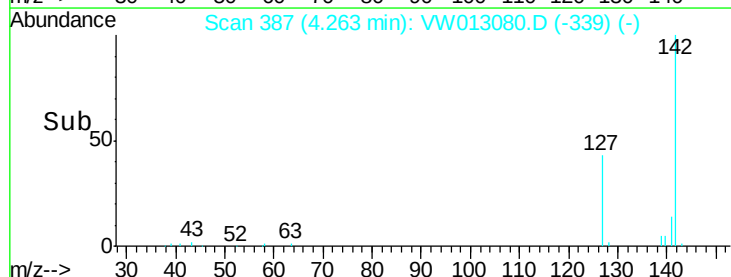
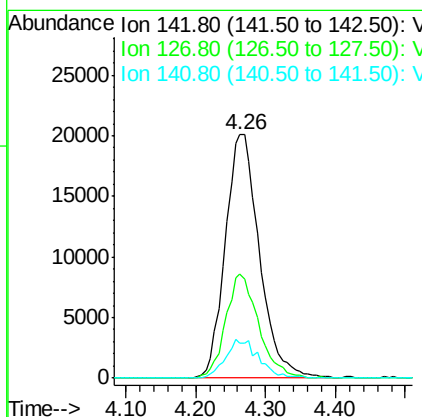
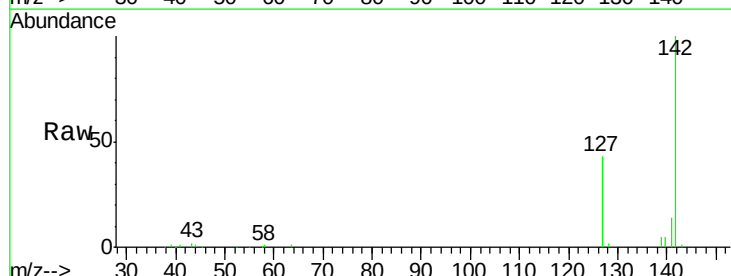
RT: 4.26 min Scan# 387

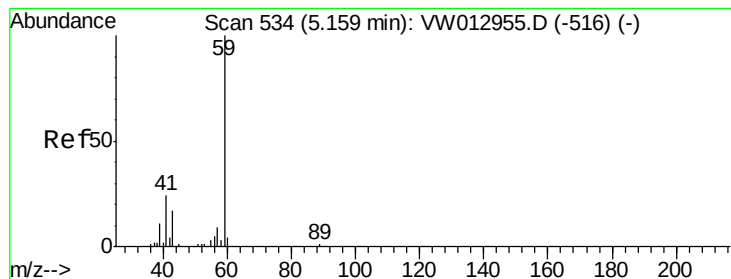
Delta R.T. -0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion:	142	Resp:	68147
Ion Ratio	Lower	Upper	
142	100		
127	41.0	34.7	52.1
141	15.4	12.2	18.2





#11

Tert butyl alcohol

Concen: 117.876 ug/l m

RT: 5.18 min Scan# 538

Delta R.T. 0.02 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 59 Resp: 27795

Ion Ratio Lower Upper

59 100

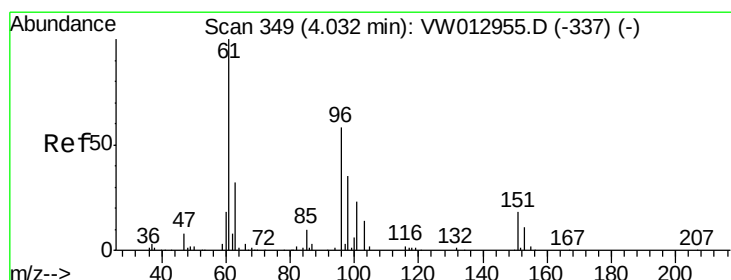
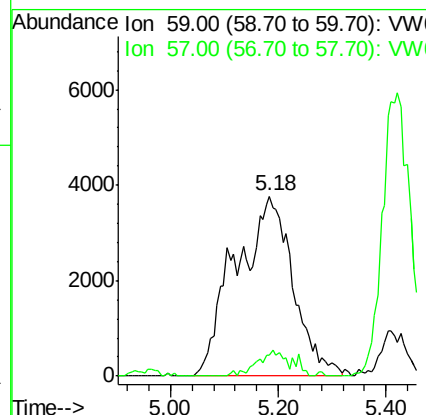
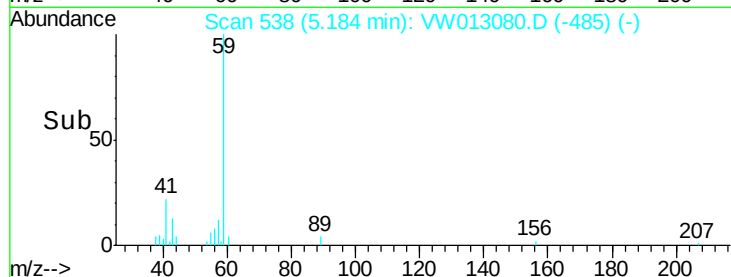
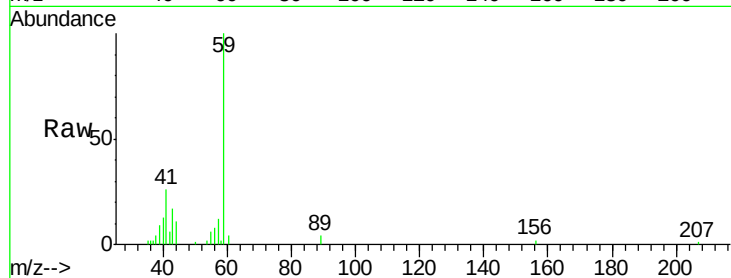
57 6.5 8.5 12.7#

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 20.264 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

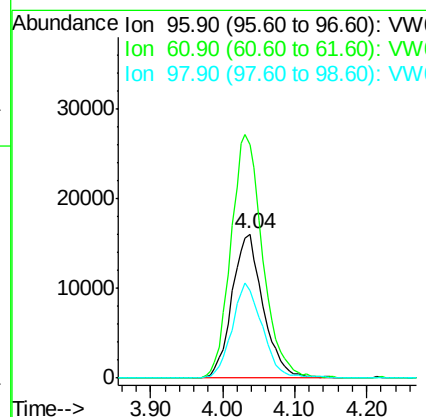
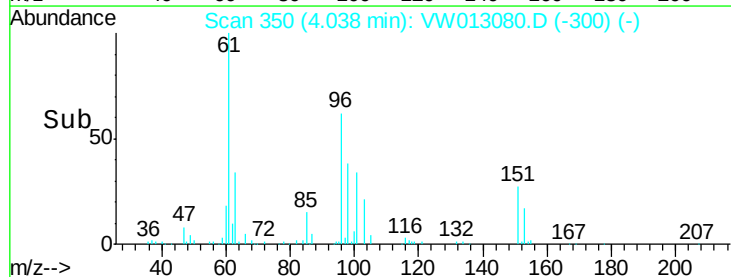
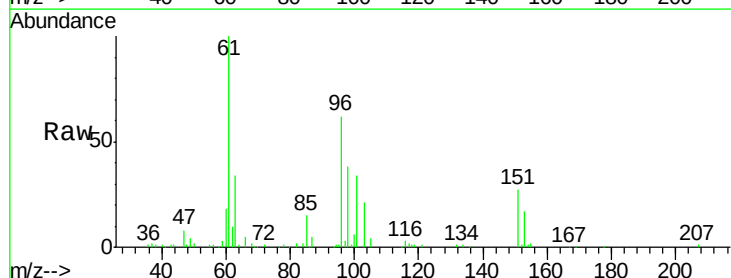
Tgt Ion: 96 Resp: 48268

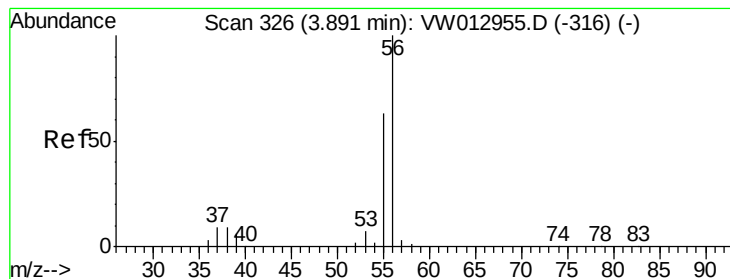
Ion Ratio Lower Upper

96 100

61 162.3 137.9 206.9

98 60.9 48.9 73.3





#13

Acrolein

Concen: 83.847 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 56 Resp: 20794

Ion Ratio Lower Upper

56 100

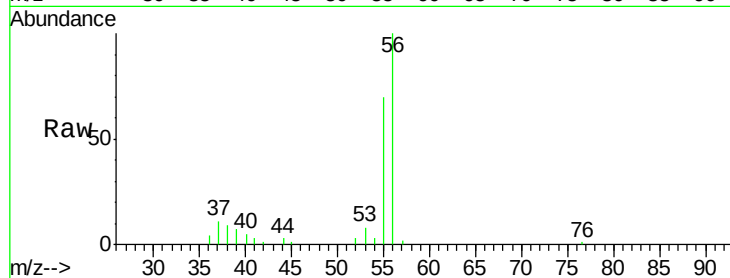
55 71.8 55.8 83.8

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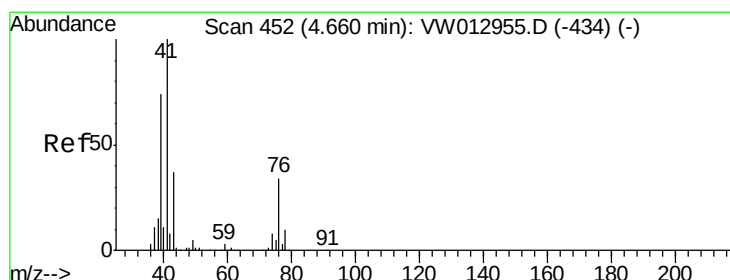
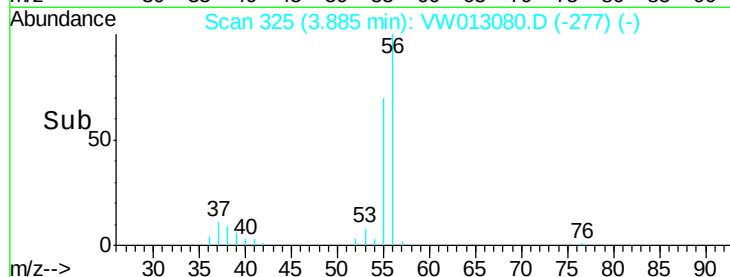
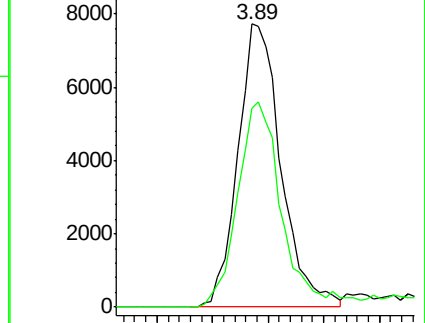
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 21.171 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

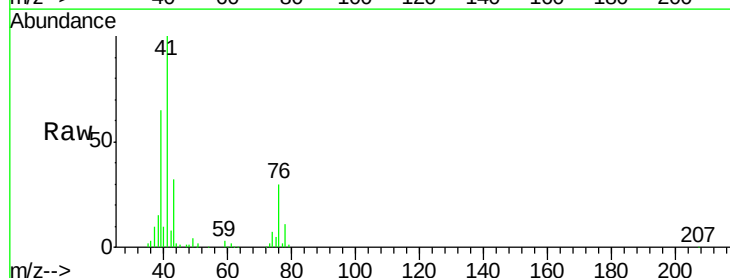
Tgt Ion: 41 Resp: 95732

Ion Ratio Lower Upper

41 100

39 66.2 56.7 85.1

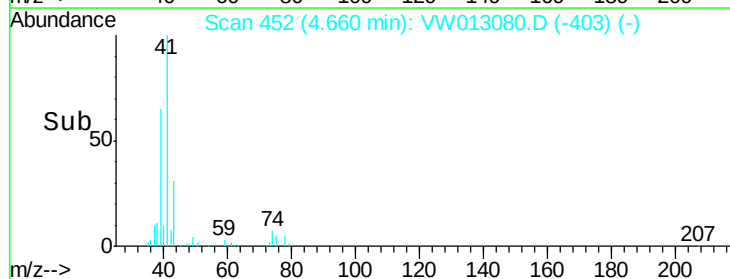
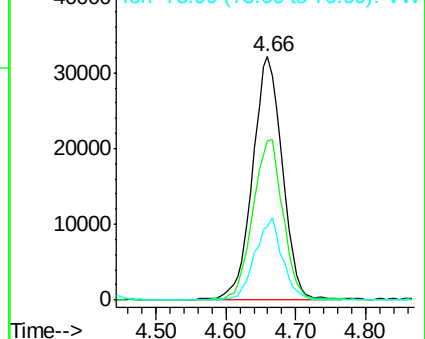
76 30.8 25.1 37.7

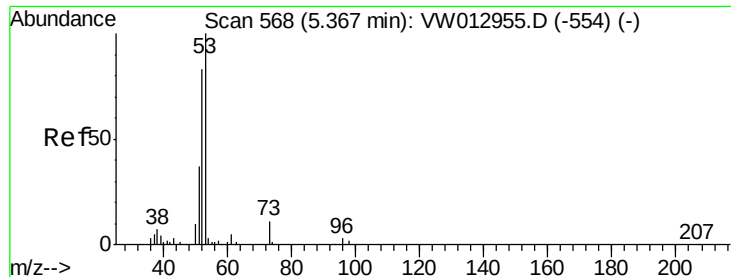


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 95.182 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

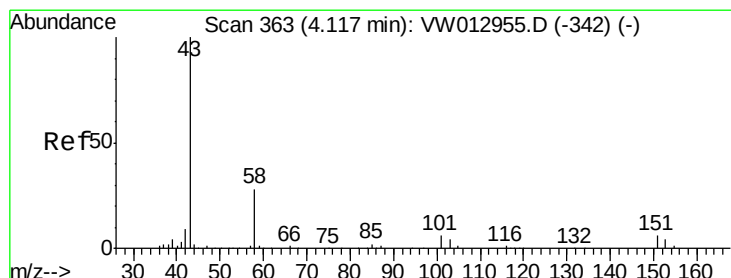
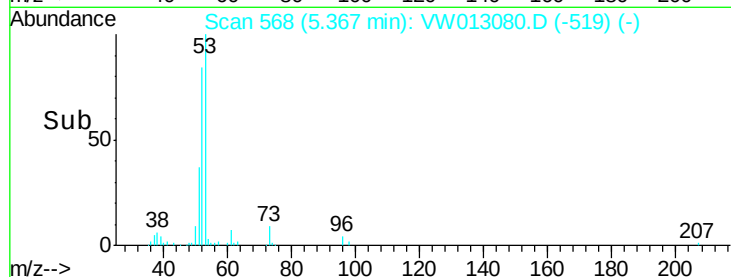
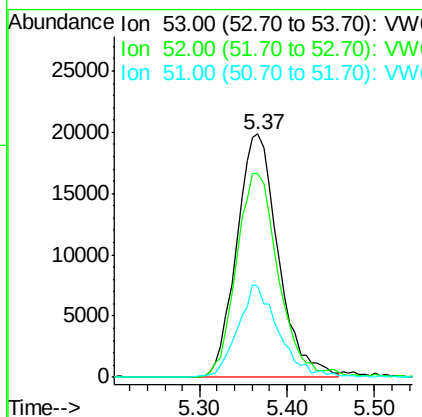
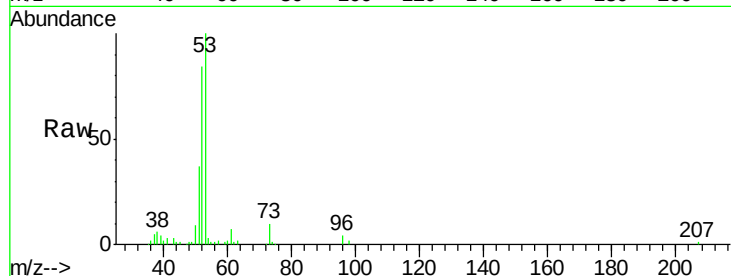
ClientSampleId :

VW0917SBS01

Tot Ion:	53	Resp:	65564
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.6	100.0
51	37.4	29.8	44.8

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#16

Acetone

Concen: 74.704 ug/l

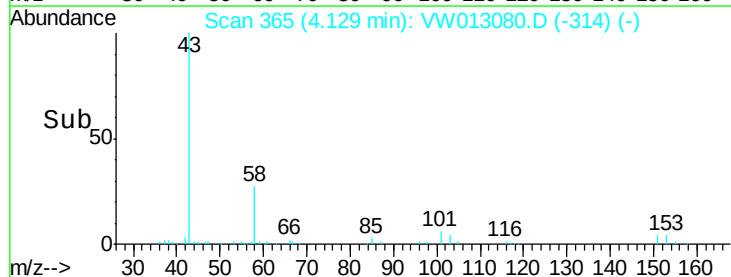
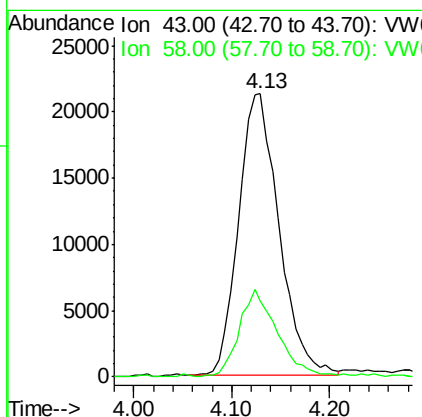
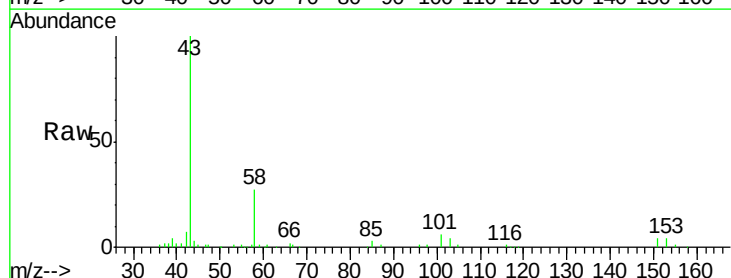
RT: 4.13 min Scan# 365

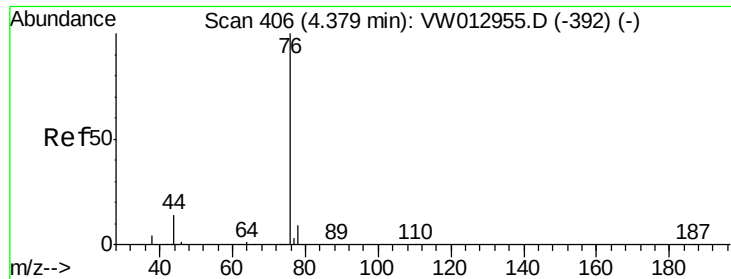
Delta R.T. 0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion:	43	Resp:	61141
Ion	Ratio	Lower	Upper
43	100		
58	26.5	22.3	33.5





#17

Carbon Disulfide

Concen: 20.158 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 76 Resp: 95685

Ion Ratio Lower Upper

76 100

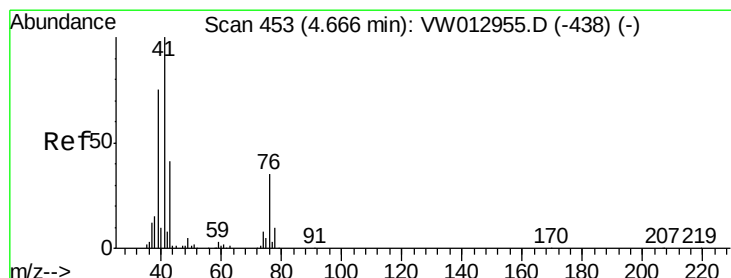
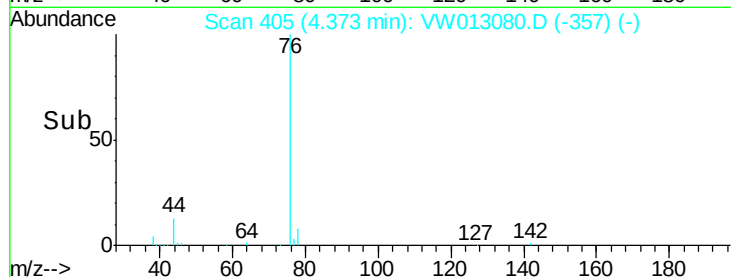
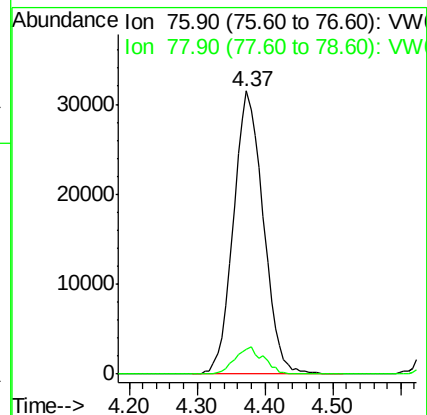
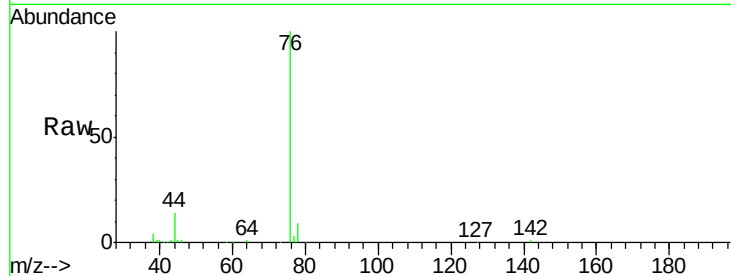
78 9.0 7.0 10.4

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#18

Methyl Acetate

Concen: 19.859 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW013080.D

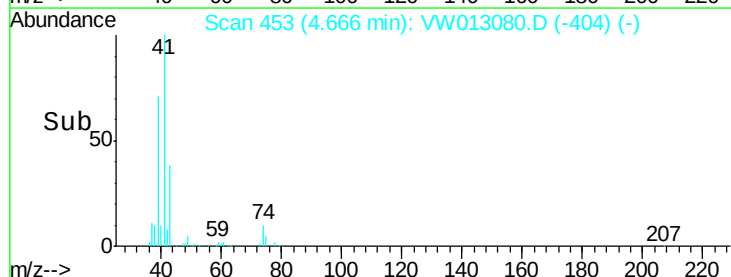
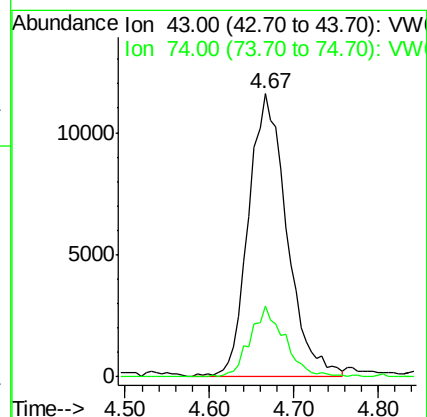
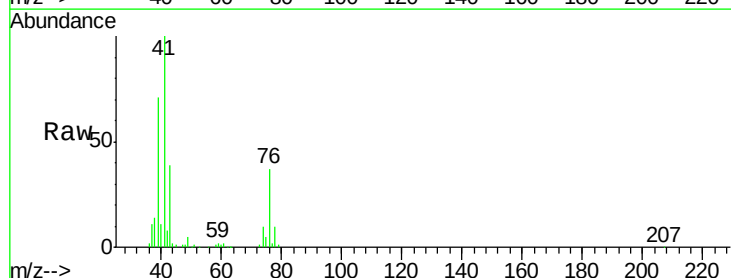
Acq: 17 Sep 2019 10:53

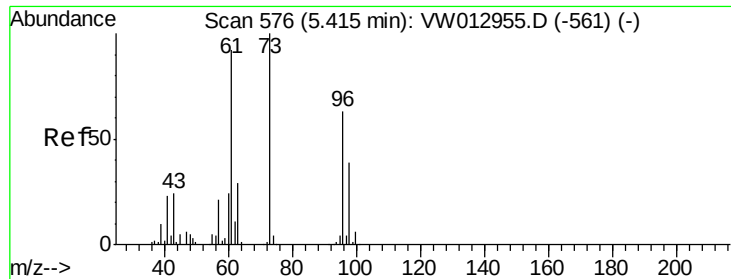
Tgt Ion: 43 Resp: 36058

Ion Ratio Lower Upper

43 100

74 22.4 17.8 26.8





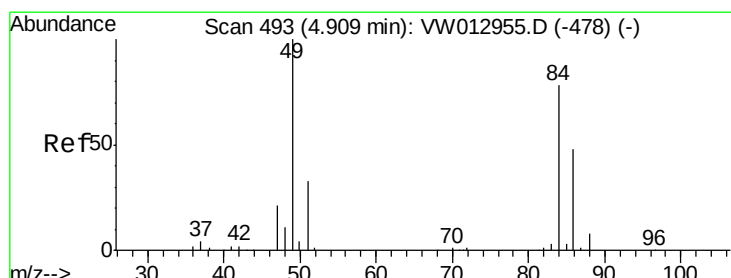
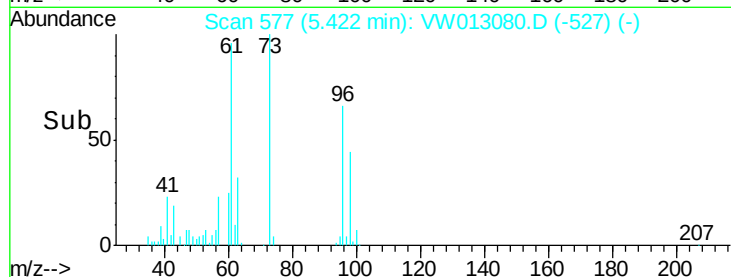
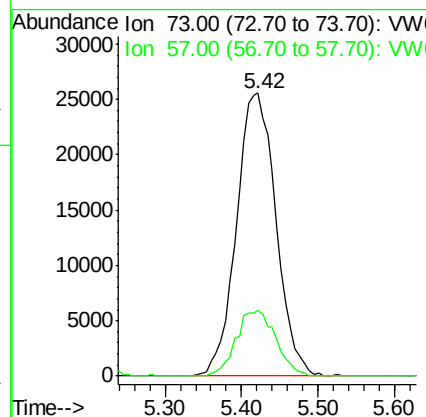
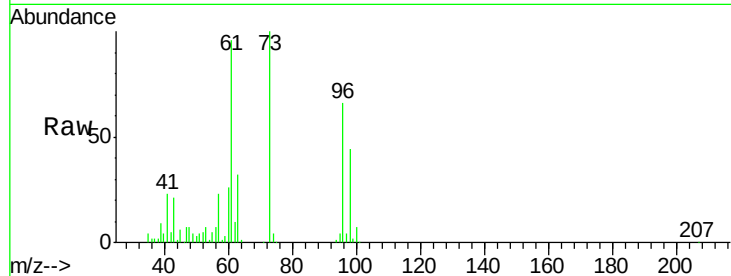
#19
Methyl tert-butyl Ether
Concen: 19.485 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion: 73 Resp: 91613
Ion Ratio Lower Upper
73 100
57 23.2 16.4 24.6

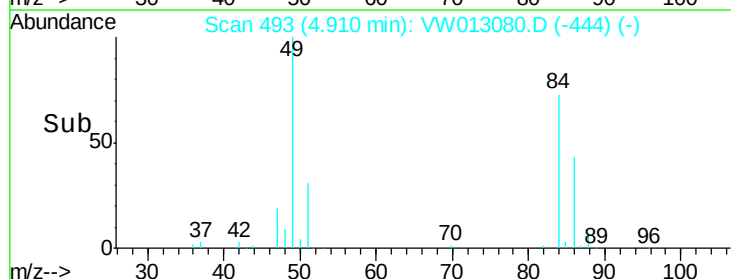
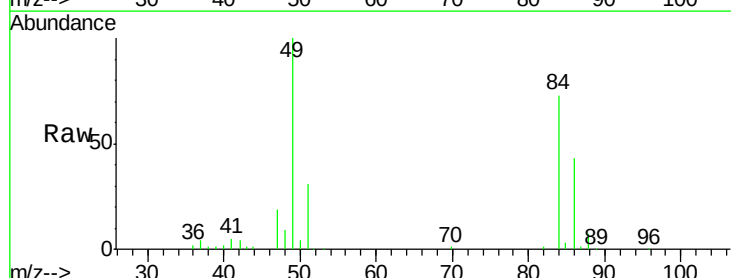
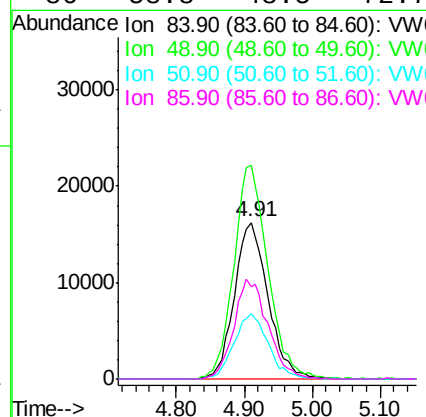
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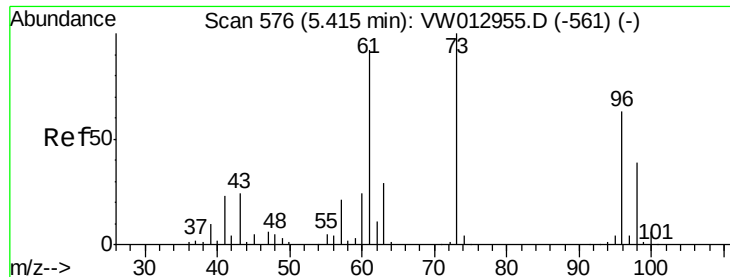
MMDadoda
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#20
Methylene Chloride
Concen: 18.391 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion: 84 Resp: 55795
Ion Ratio Lower Upper
84 100
49 136.8 102.0 153.0
51 41.8 34.0 51.0
86 58.8 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 20.770 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 96 Resp: 52987

Ion Ratio Lower Upper

96 100

61 147.1 116.2 174.2

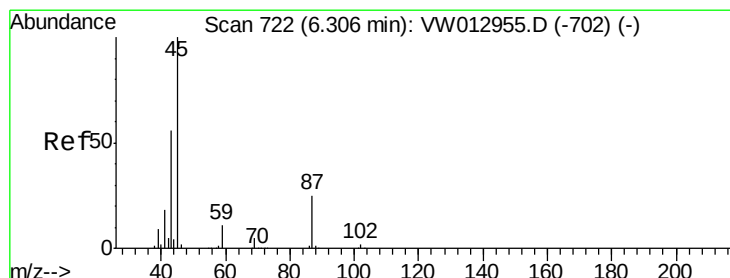
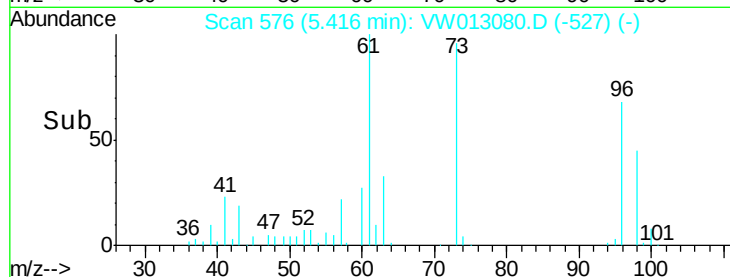
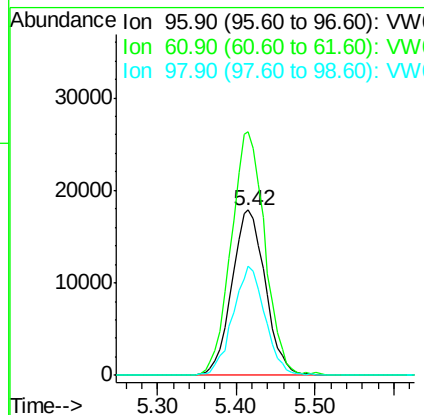
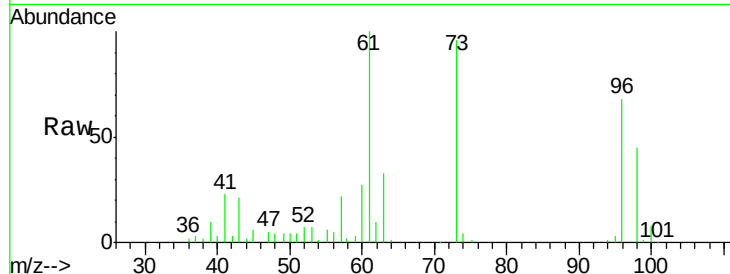
98 65.9 49.8 74.6

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#22

Diisopropyl ether

Concen: 20.926 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion: 45 Resp: 196583

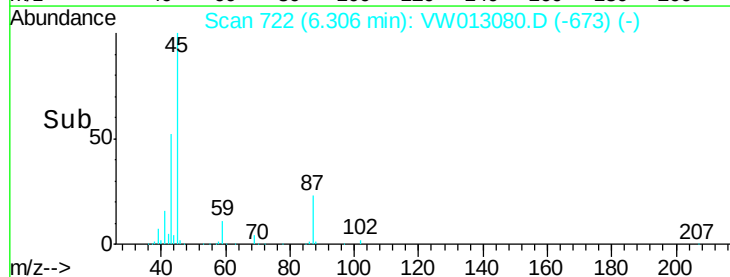
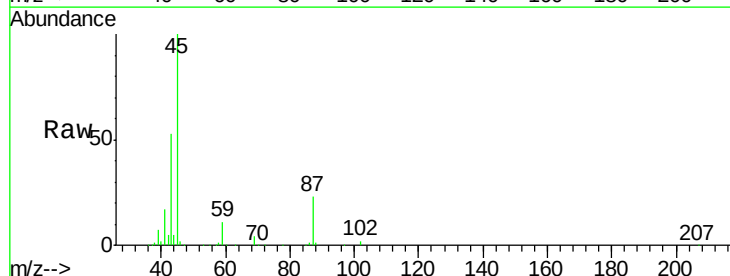
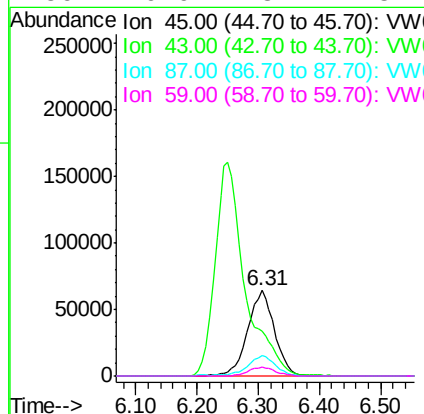
Ion Ratio Lower Upper

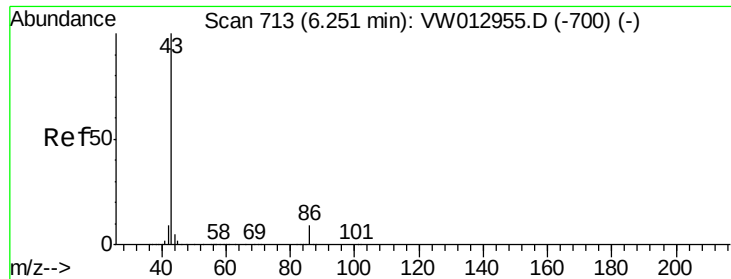
45 100

43 52.1 44.6 67.0

87 23.3 20.0 30.0

59 10.9 8.7 13.1





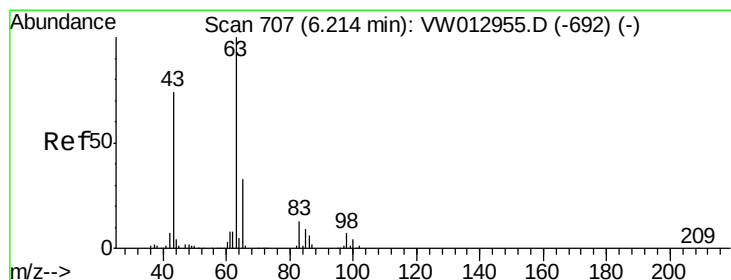
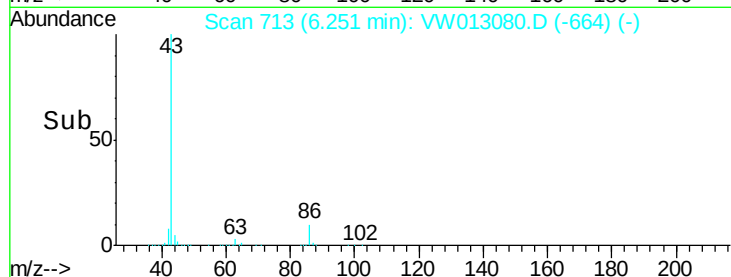
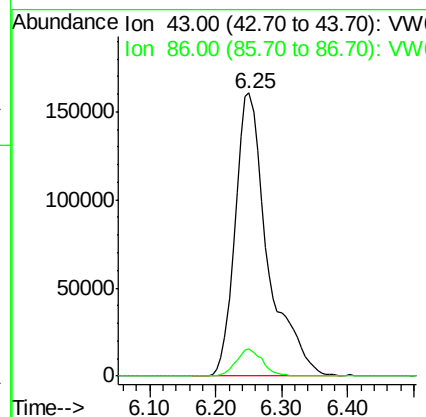
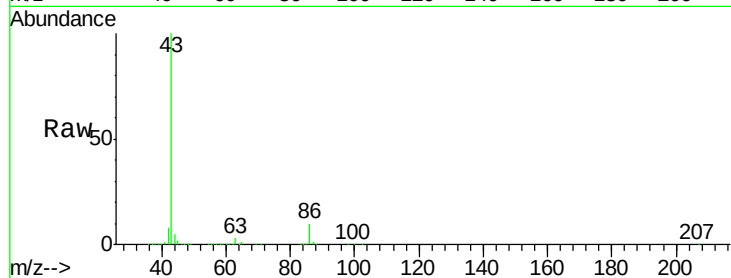
#23
 Vinyl Acetate
 Concen: 97.353 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	9.8	7.0	10.6

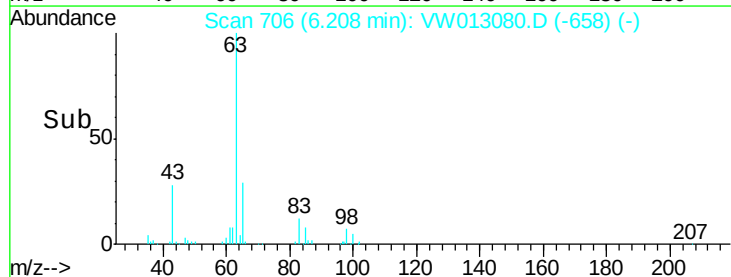
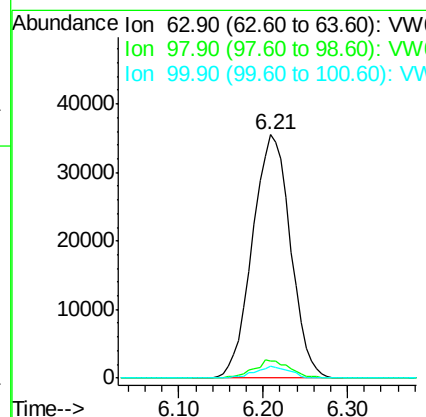
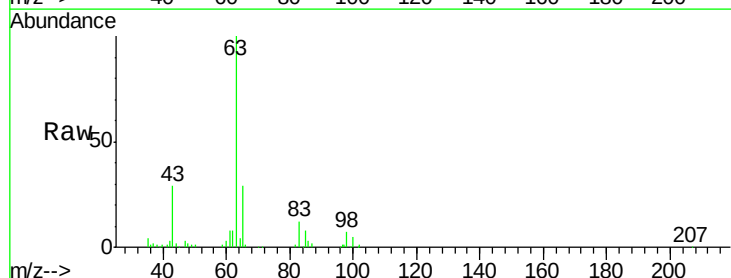
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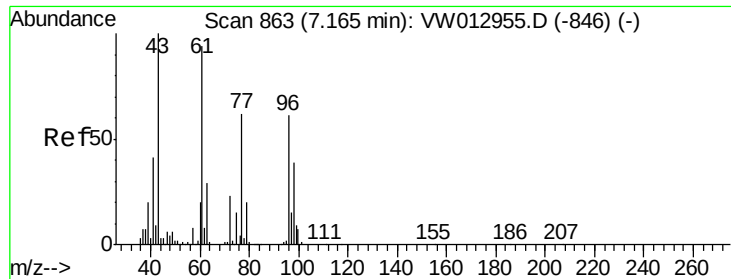
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 20.192 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.3	9.9
100	5.1	1.8	5.5





#25

2-Butanone

Concen: 93.912 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 43 Resp: 95171

Ion Ratio Lower Upper

43 100

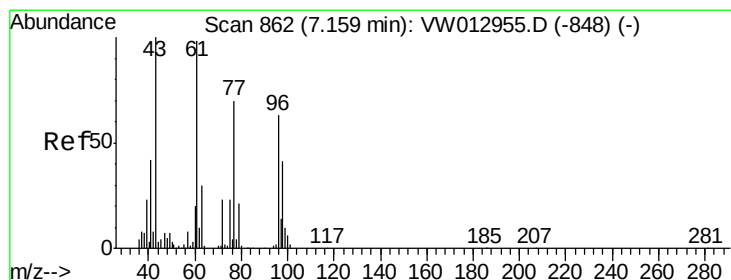
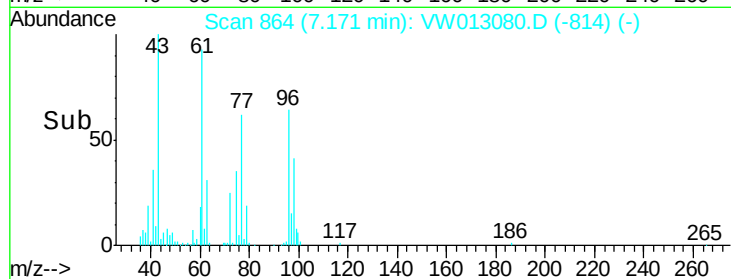
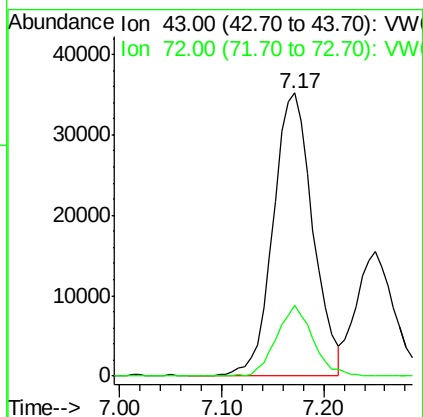
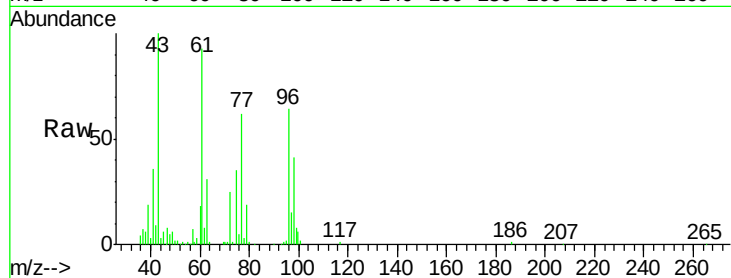
72 25.1 18.2 27.4

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#26

2,2-Dichloropropane

Concen: 18.767 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013080.D

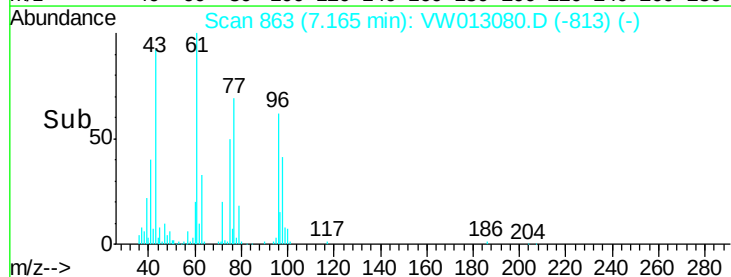
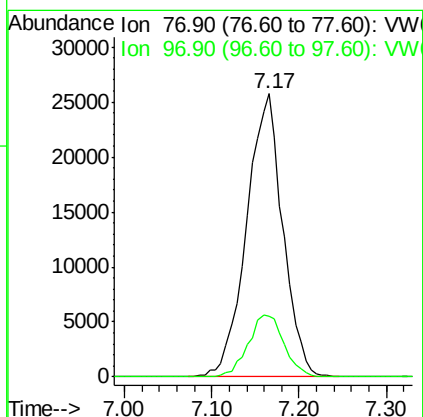
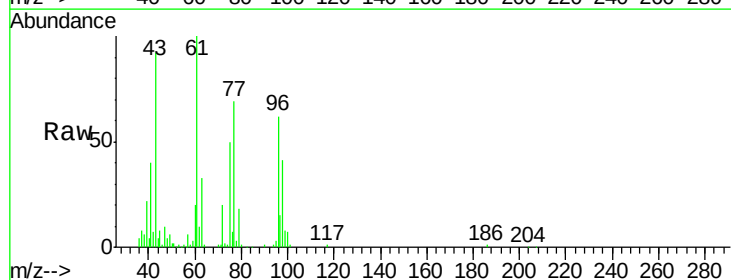
Acq: 17 Sep 2019 10:53

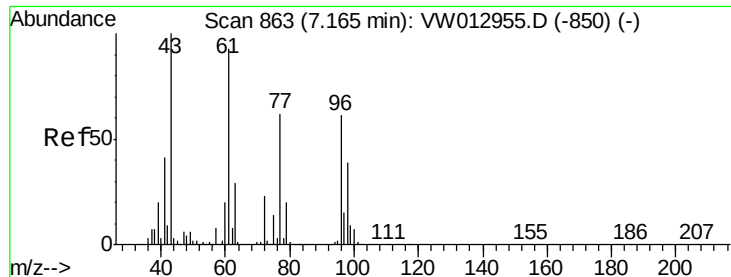
Tgt Ion: 77 Resp: 73818

Ion Ratio Lower Upper

77 100

97 21.7 10.7 32.1





#27

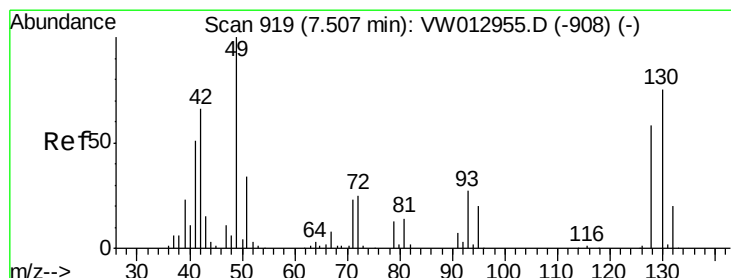
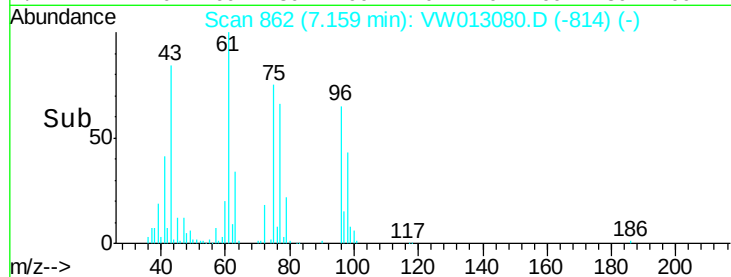
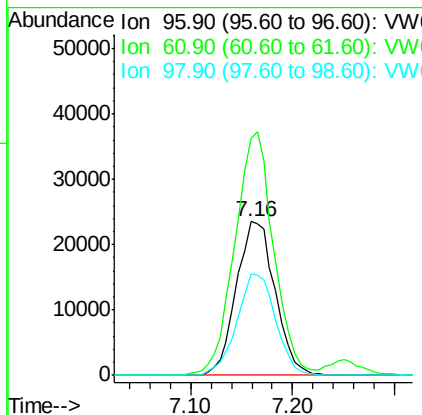
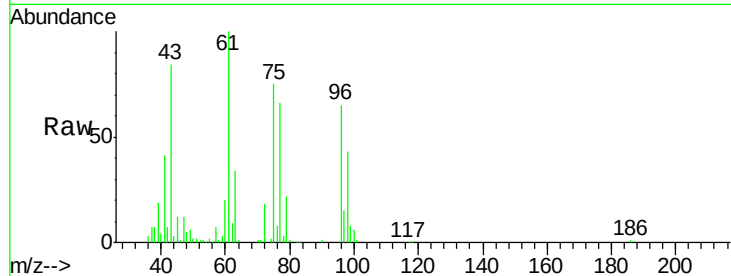
cis-1,2-Dichloroethene
Concen: 20.375 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.0	0.0	315.4
98	65.7	0.0	131.0

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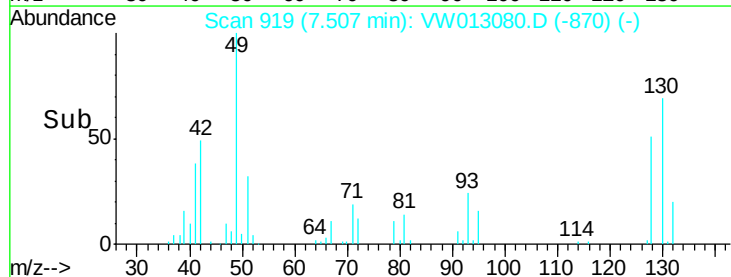
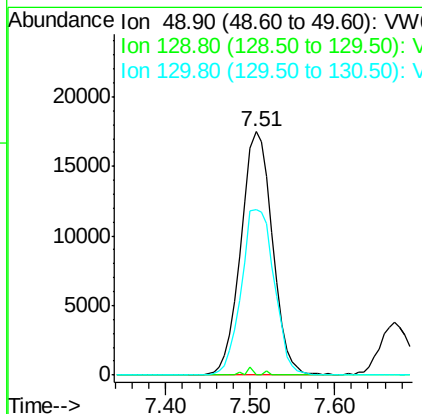
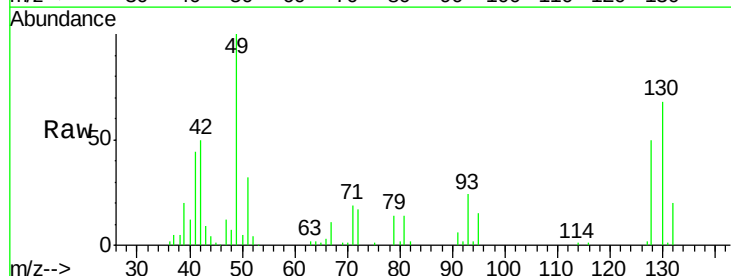
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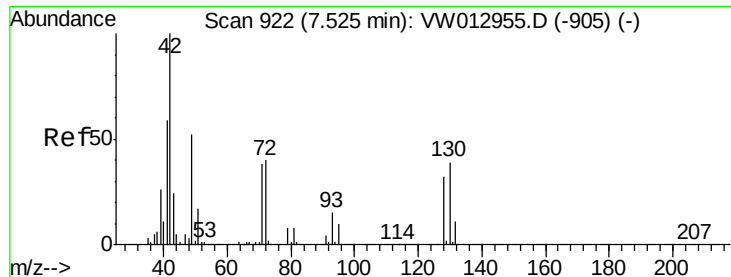


#28

Bromochloromethane
Concen: 19.416 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	1.4
130	70.6	57.8	86.6





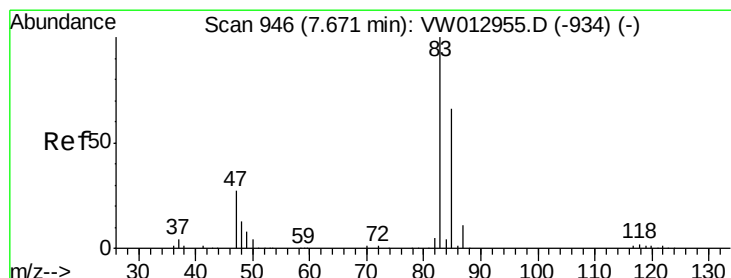
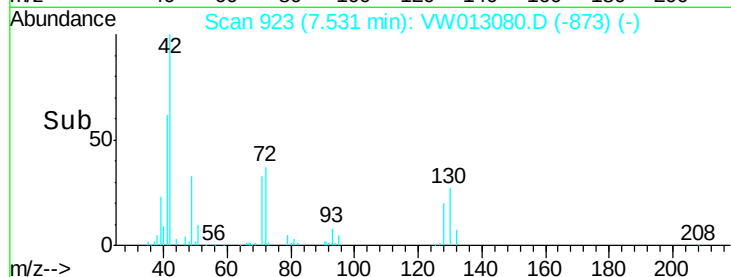
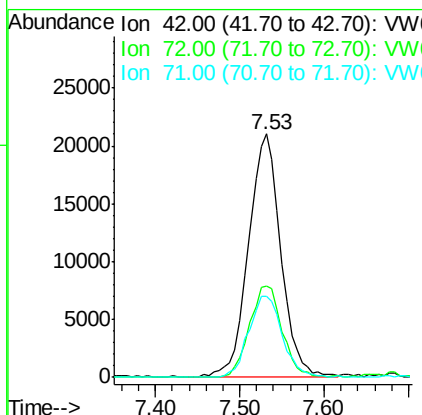
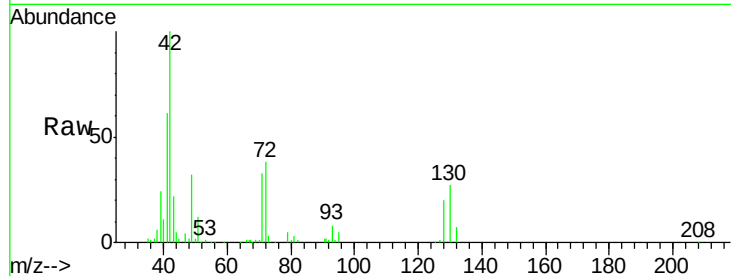
#29
Tetrahydrofuran
Concen: 94.992 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.2	31.4	47.0
71	34.8	29.8	44.8

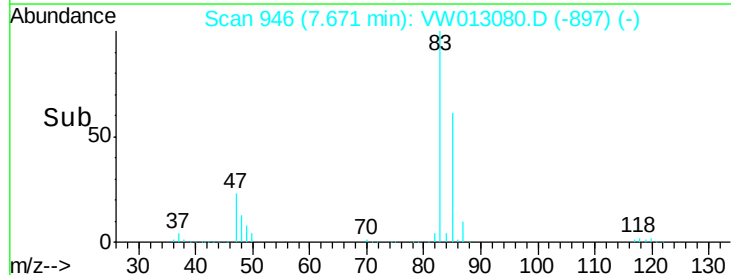
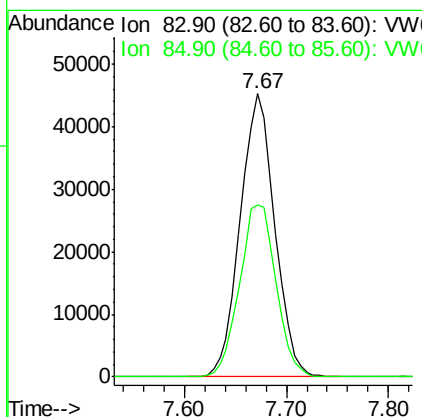
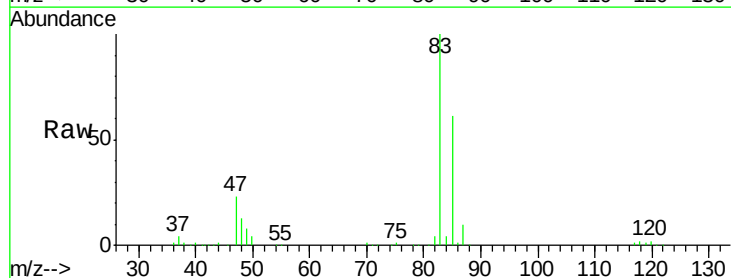
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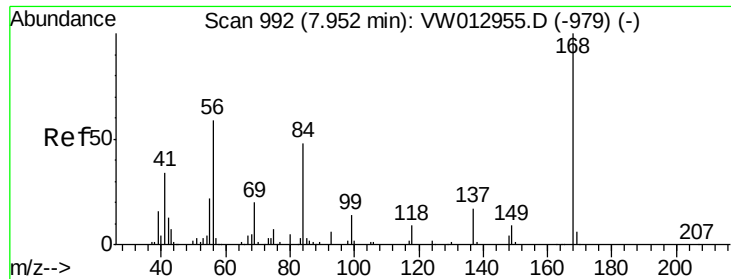
MMDadoda
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#30
Chloroform
Concen: 19.375 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.6	52.8	79.2





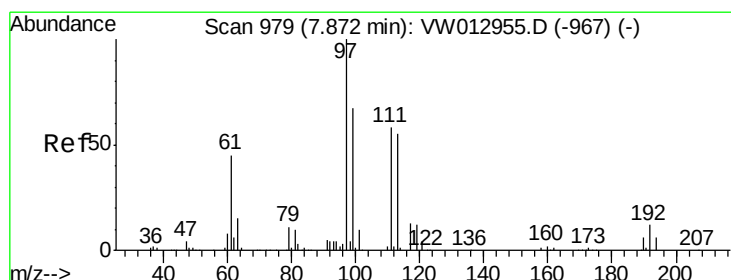
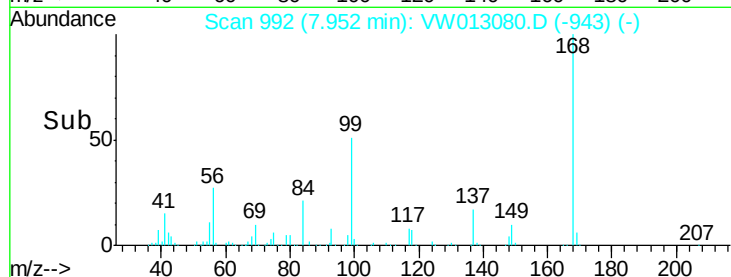
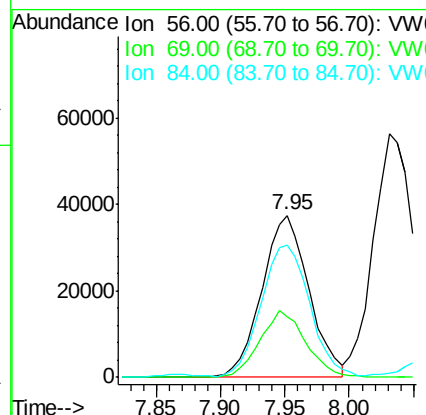
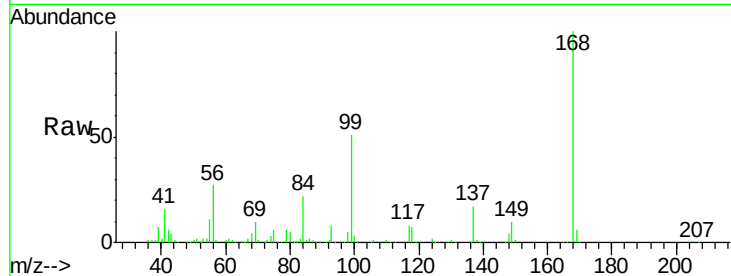
#31
Cyclohexane
Concen: 20.793 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampled :
VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
56	100			
69	37.0	27.0	40.6	
84	80.2	66.2	99.2	

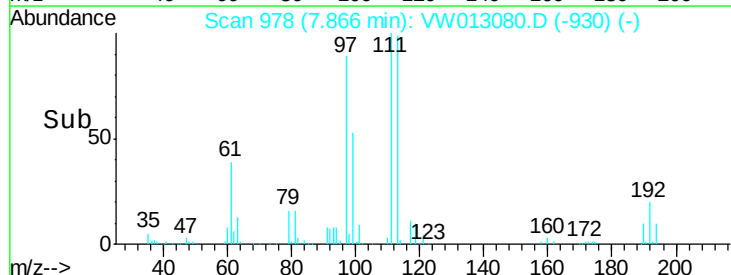
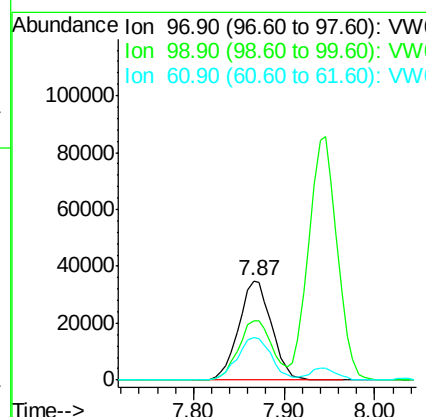
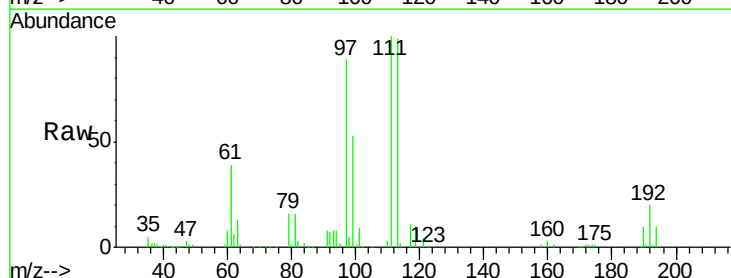
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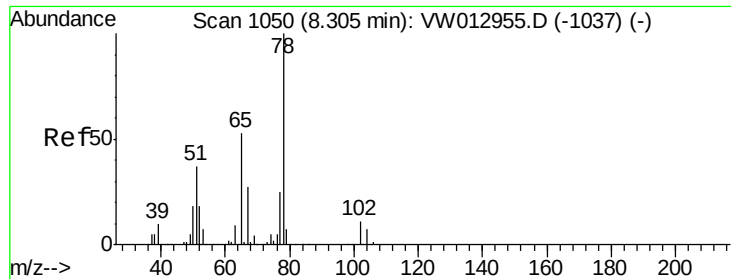
MMDadoda
9/19/2019 1:27:21 AM



#32
1,1,1-Trichloroethane
Concen: 19.305 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
99	61.8	53.0	79.4	
61	45.0	36.5	54.7	





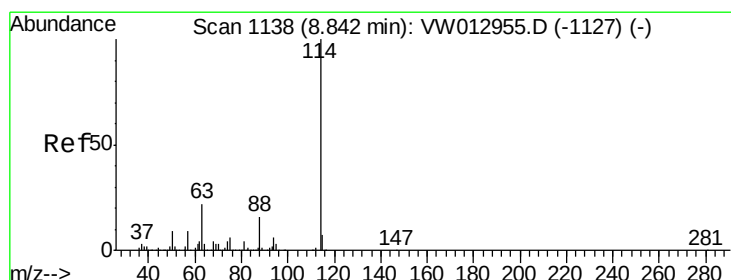
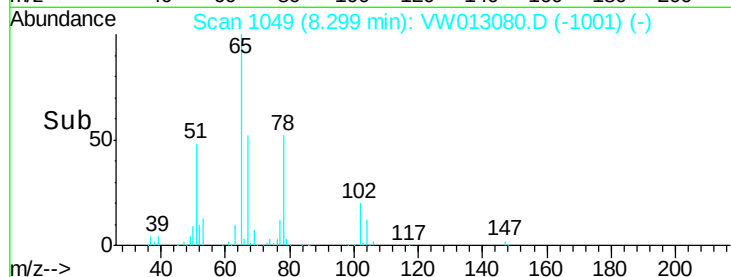
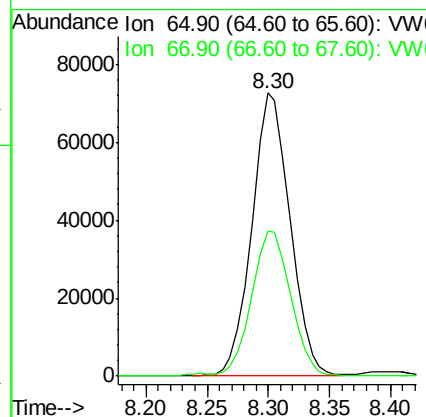
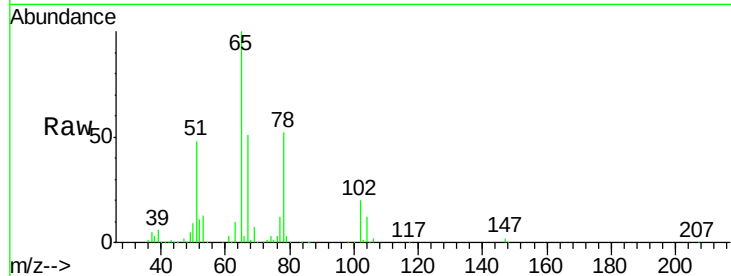
#33
 1,2-Dichloroethane-d4
 Concen: 49.581 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	158017		
67	53.2	0.0	101.2	

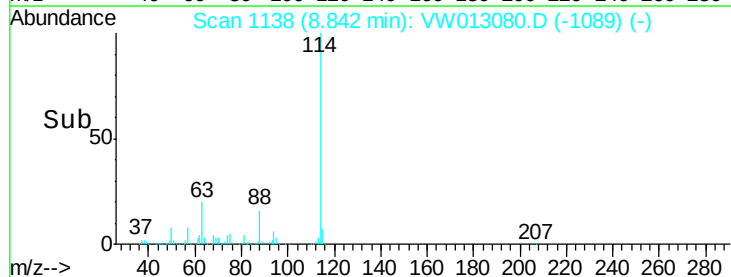
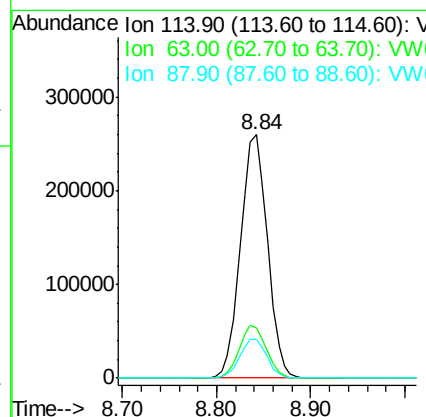
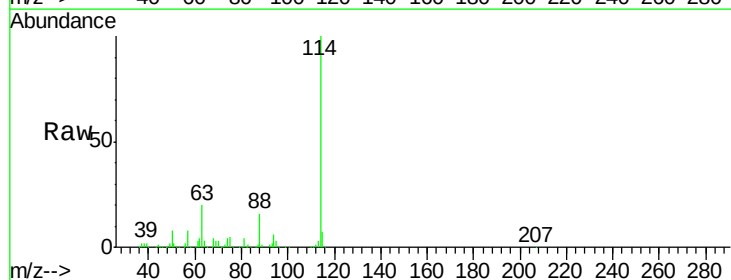
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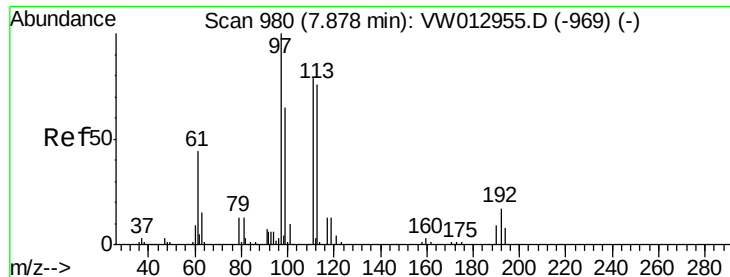
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	516155		
63	20.5	0.0	43.4	
88	16.1	0.0	31.6	





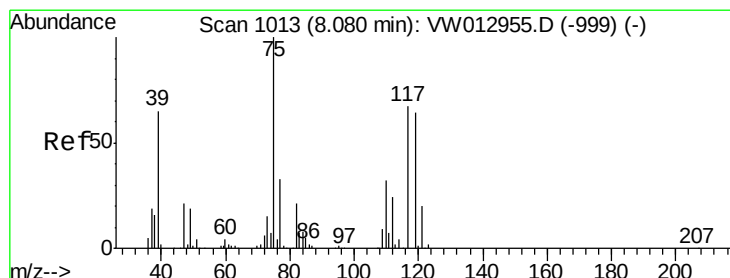
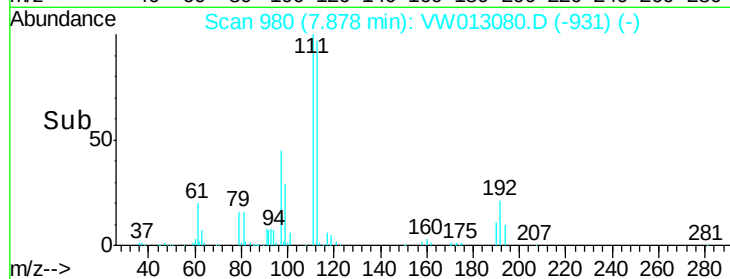
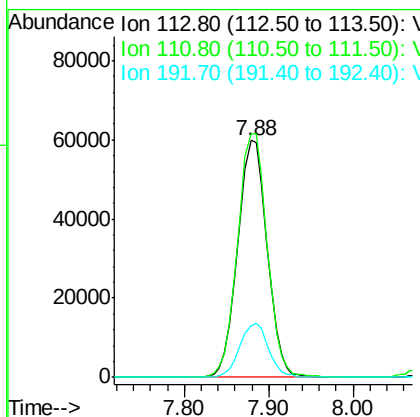
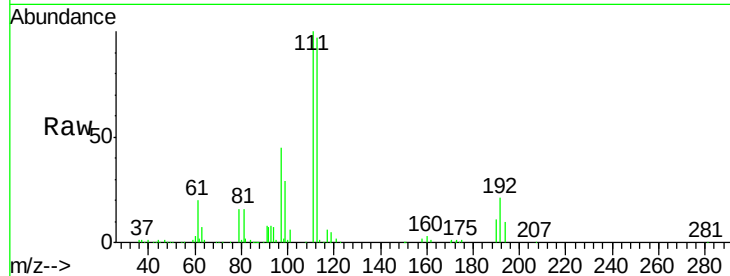
#35
 Dibromofluoromethane
 Concen: 50.448 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	141290		
111	103.1	82.8	124.2	
192	22.4	17.8	26.8	

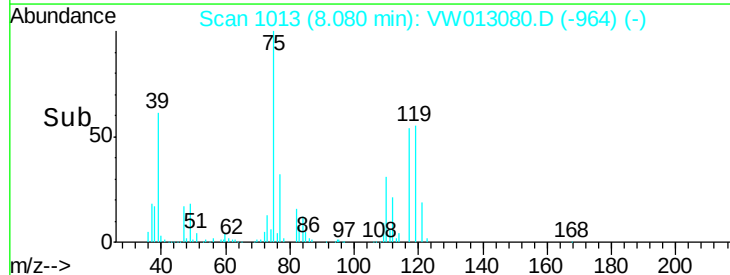
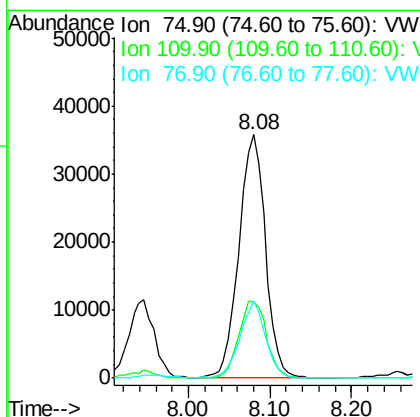
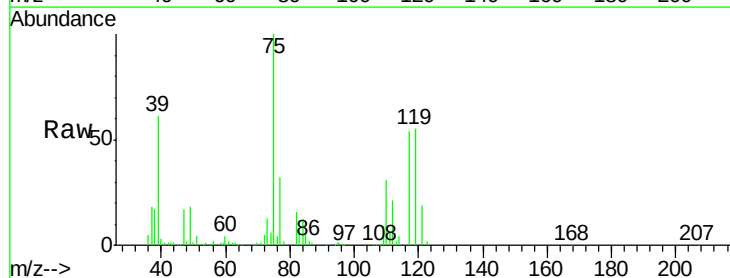
Manual Integrations
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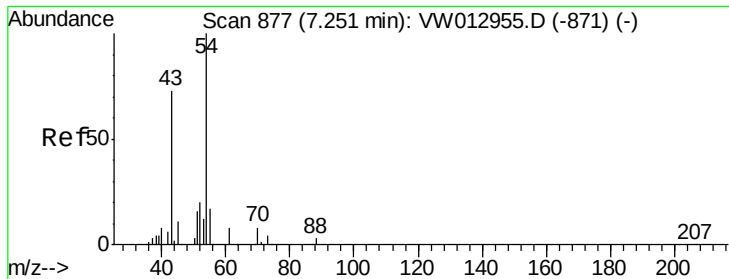
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#36
 1,1-Dichloropropene
 Concen: 19.589 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	80794		
110	32.9	16.4	49.1	
77	30.6	25.1	37.7	





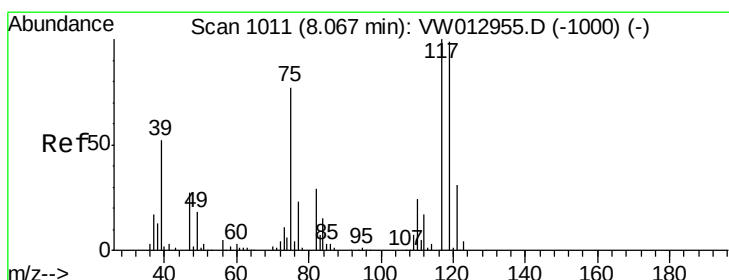
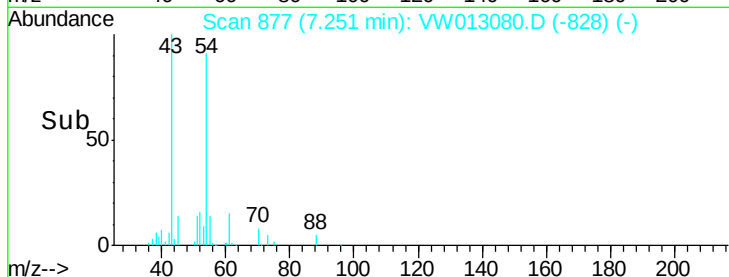
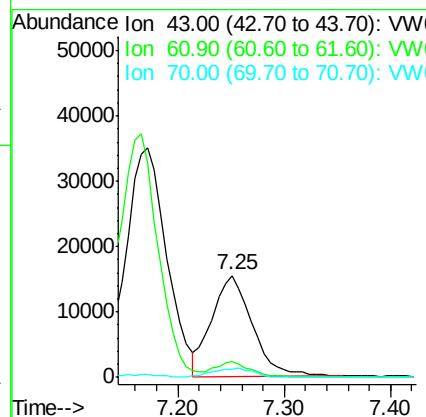
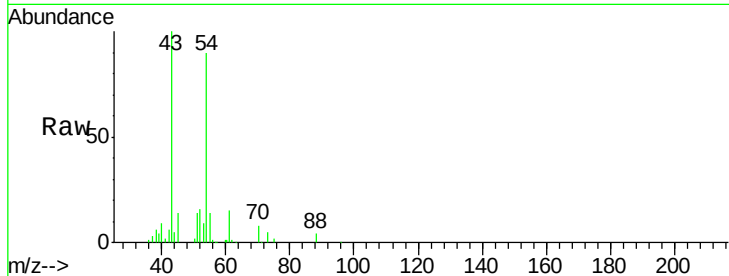
#37
Ethyl Acetate
Concen: 18.693 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	9.6	14.4
70	9.7	7.6	11.4

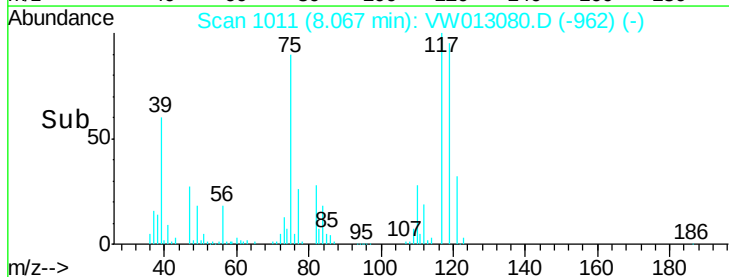
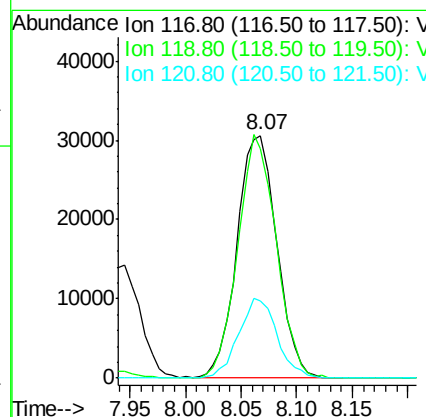
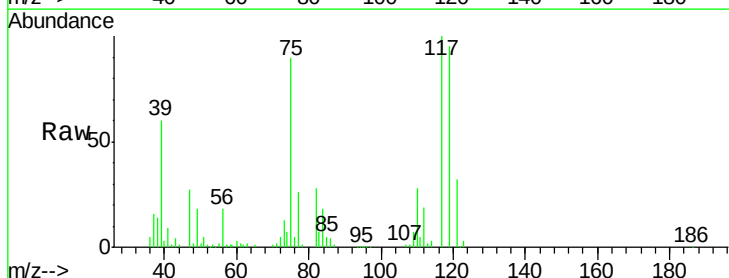
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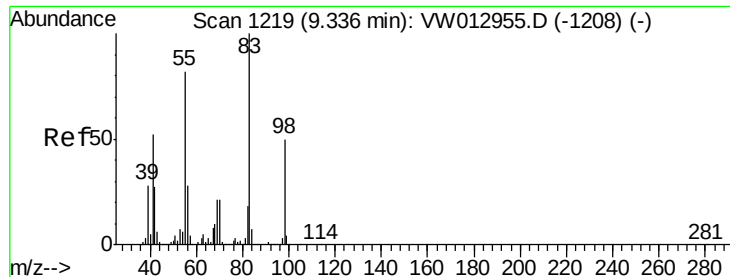
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#38
Carbon Tetrachloride
Concen: 18.045 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	79.4	119.0
121	31.8	24.6	36.8





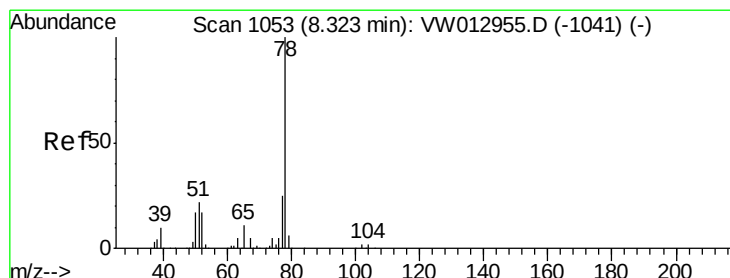
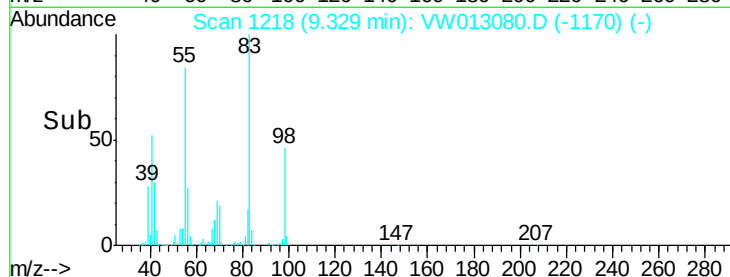
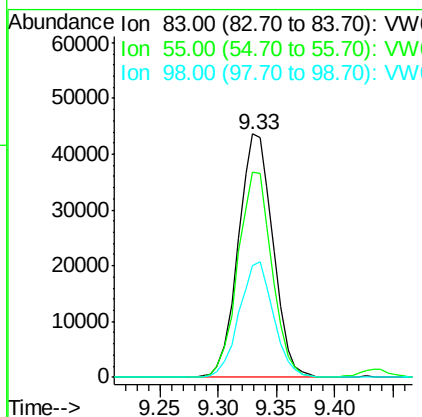
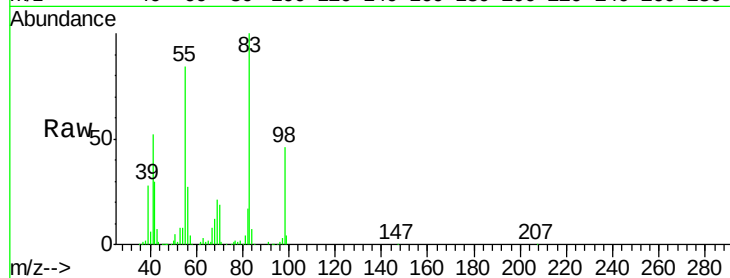
#39
Methylvlcyclohexane
Concen: 20.050 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.3	65.9	98.9
98	46.1	39.6	59.4

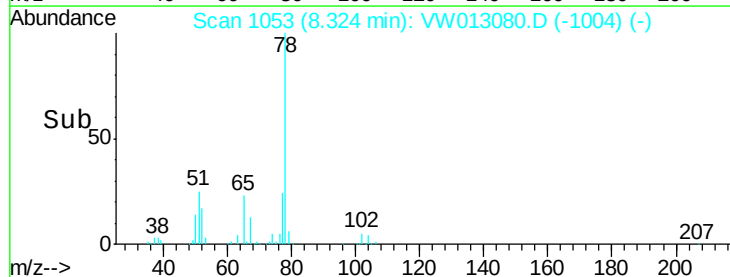
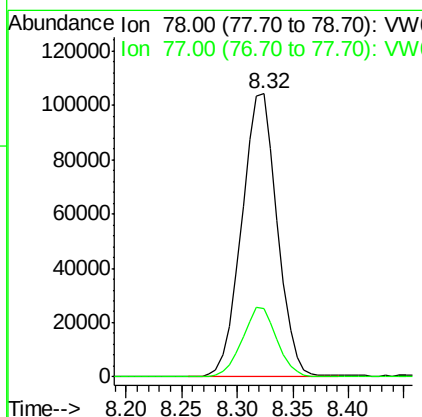
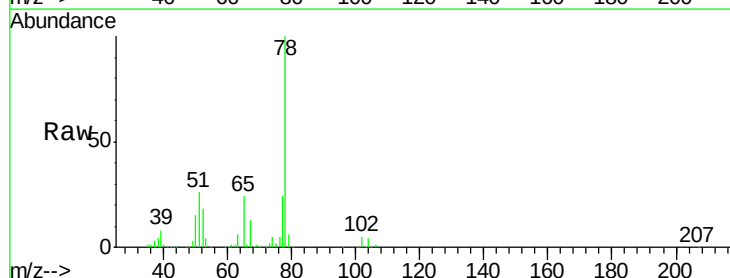
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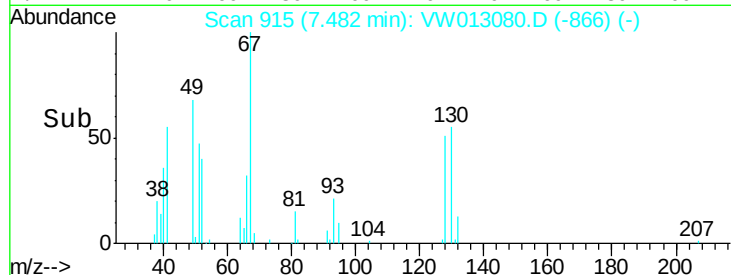
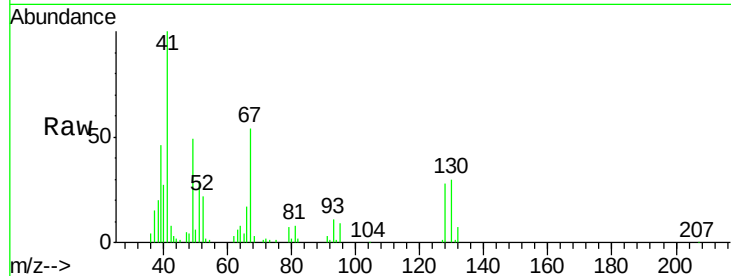
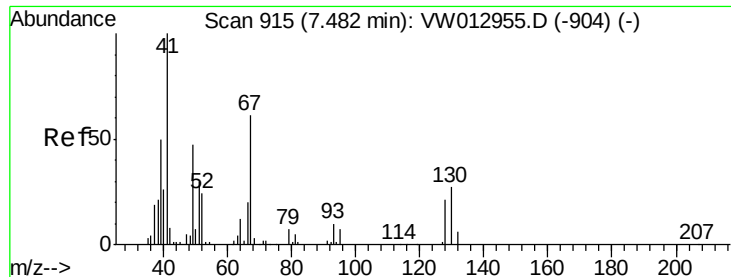
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#40
Benzene
Concen: 20.107 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.6	29.4





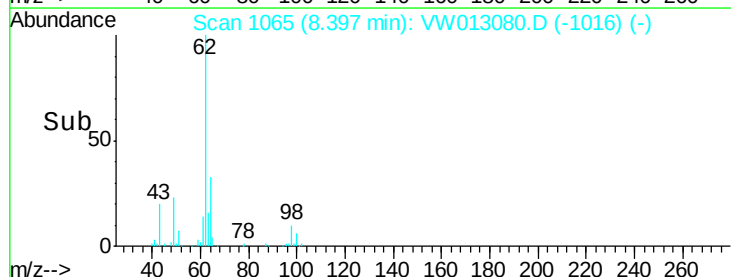
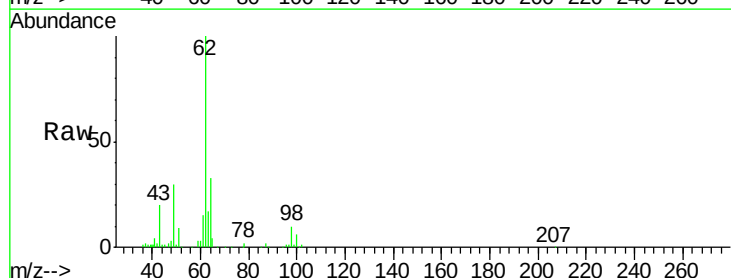
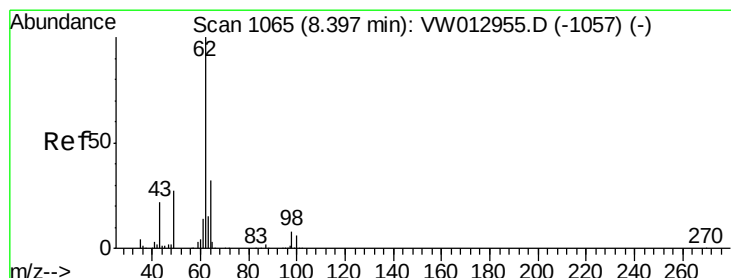
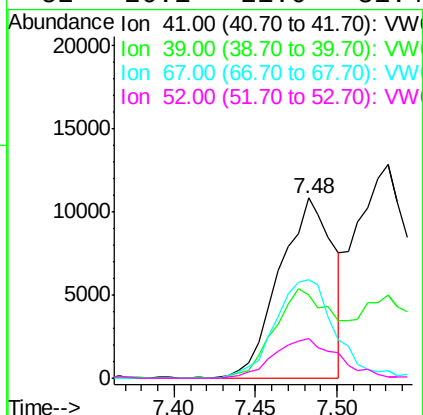
#41
Methacrylonitrile
Concen: 17.207 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	24807		
39	39	56.5		48.2	72.4
67	67	61.9		47.5	71.3
52	52	26.1		21.0	31.4

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

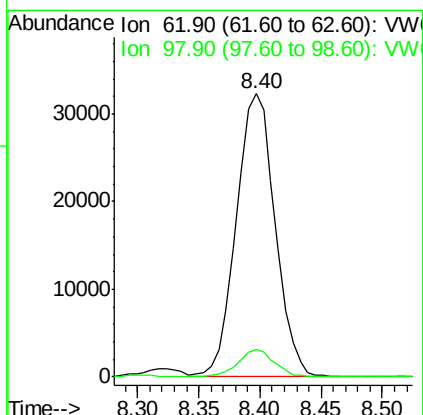
Manual Integrations
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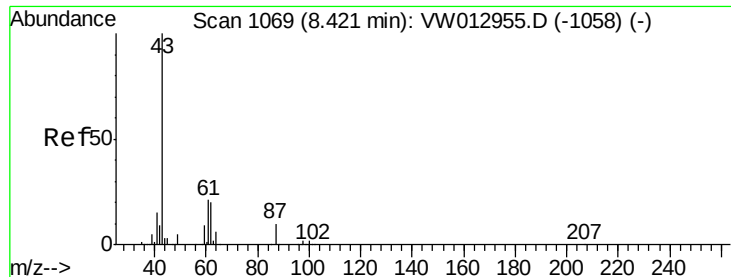
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#42
1,2-Dichloroethane
Concen: 18.370 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	70905		
98	98	9.2		0.0	16.8





#43

Isopropyl Acetate

Concen: 18.066 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

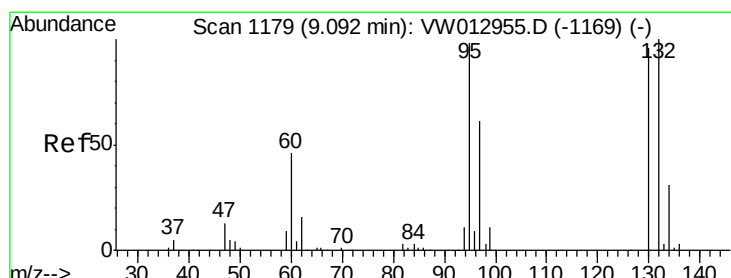
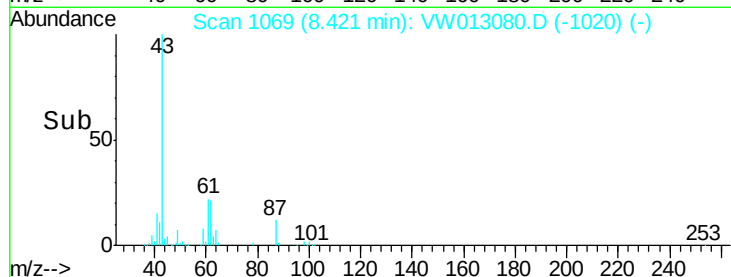
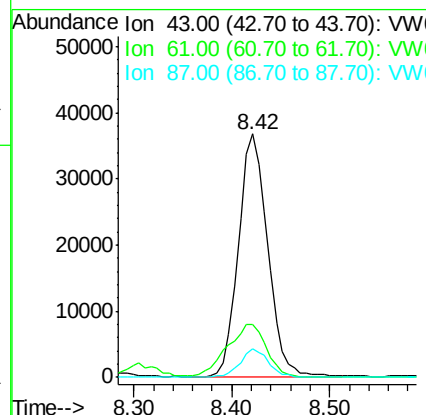
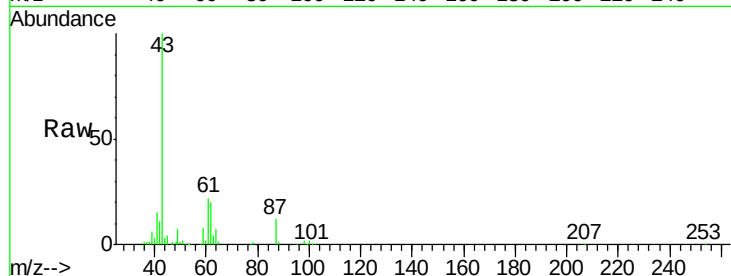
ClientSampleId :

VW0917SBS01

Tot Ion:	43	Resp:	75941
Ion	Ratio	Lower	Upper
43	100		
61	29.1	22.7	34.1
87	11.7	9.4	14.2

Manual Integrations
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9/19/2019 1:27:21 AM



#44

Trichloroethene

Concen: 19.393 ug/l

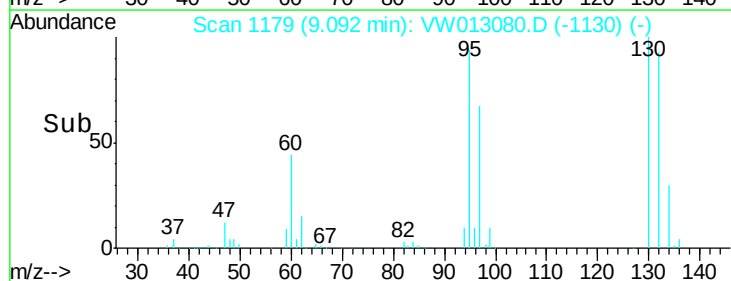
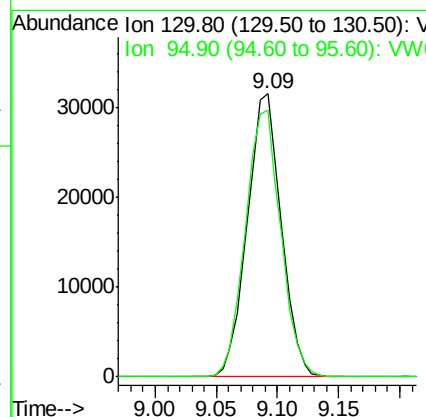
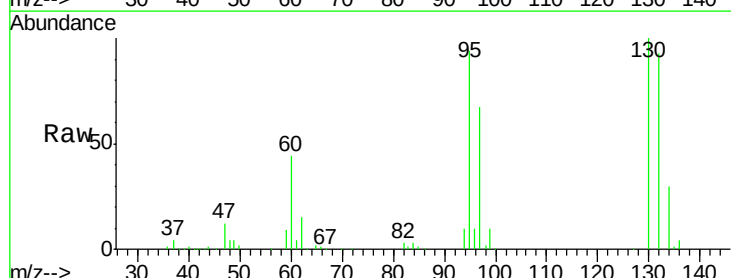
RT: 9.09 min Scan# 1179

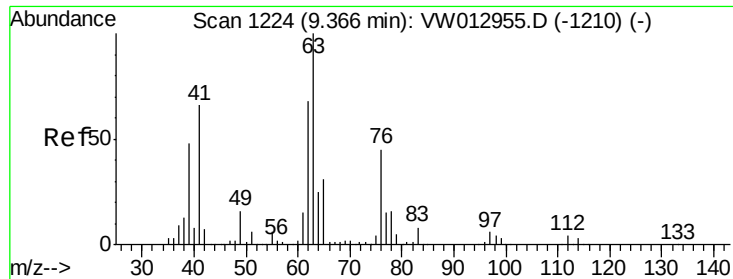
Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion:	130	Resp:	61164
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	204.4





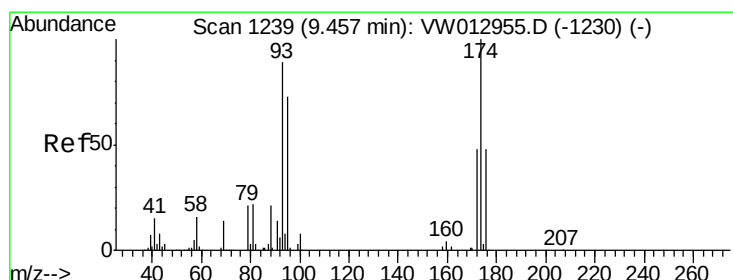
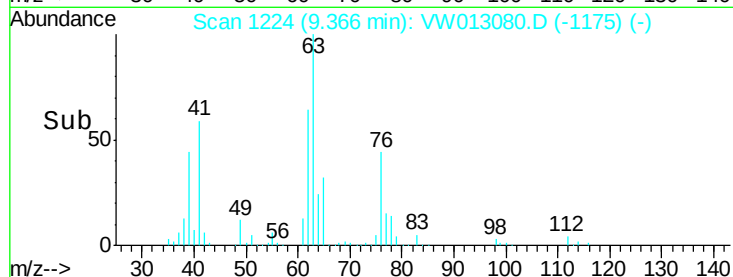
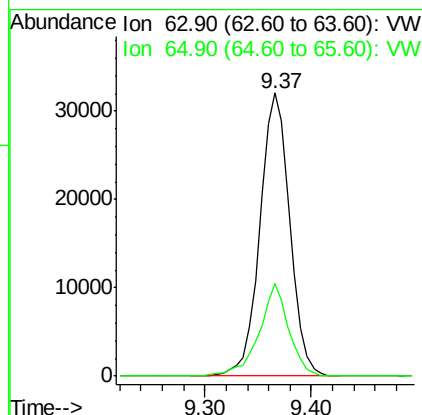
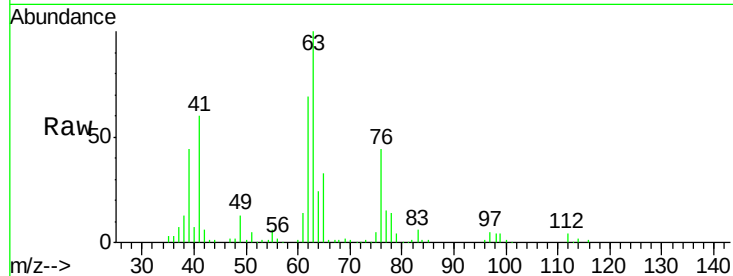
#45
 1,2-Dichloropropane
 Concen: 20.582 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	24.6	37.0

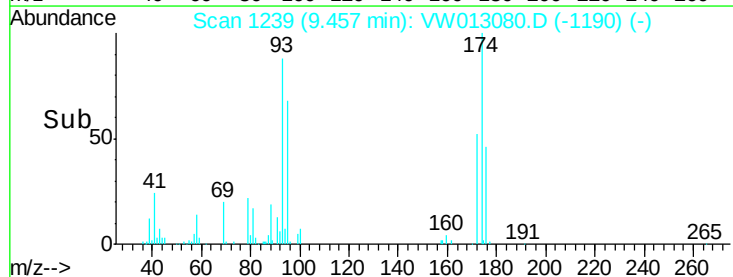
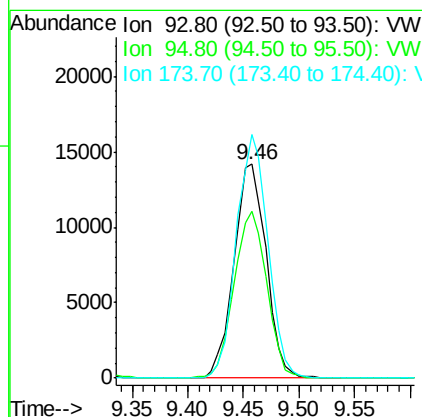
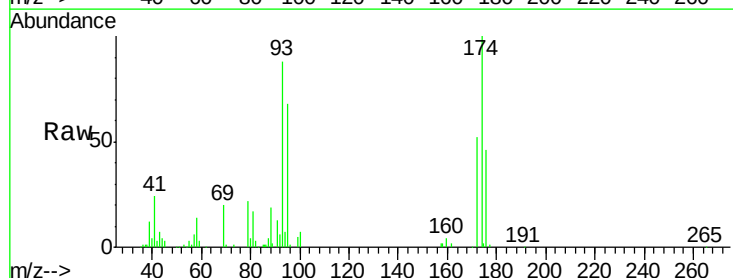
Manual Integrations
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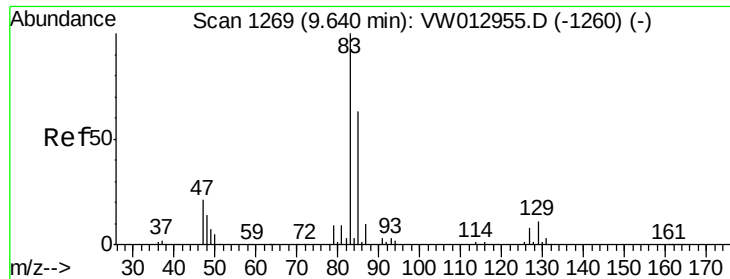
MMDadoda
 9/19/2019 1:27:21 AM



#46
 Dibromomethane
 Concen: 19.378 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	79.4	67.0	100.4
174	111.5	90.5	135.7





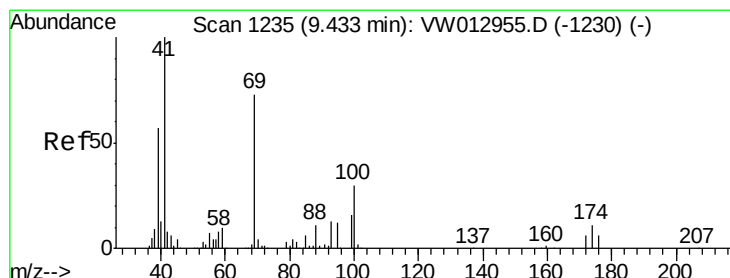
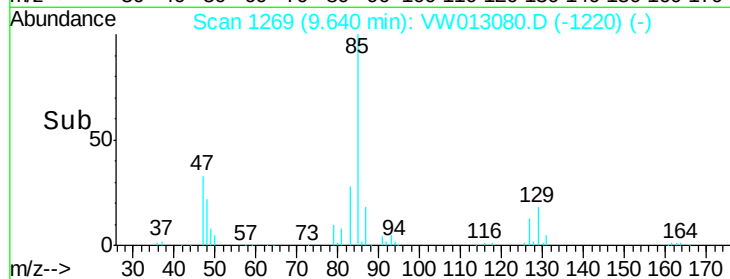
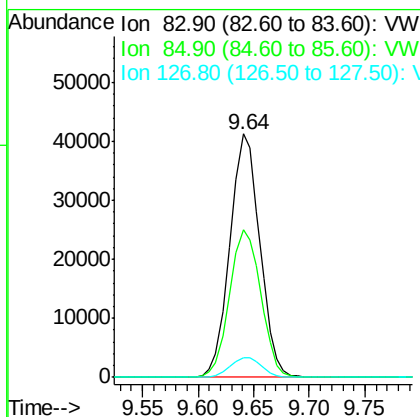
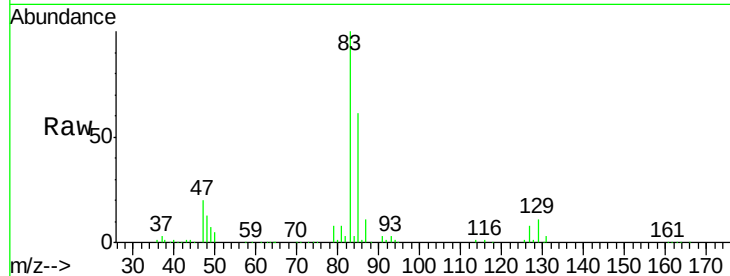
#47
Bromodichloromethane
Concen: 18.708 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	83	Resp	76913
Ion Ratio	100	Lower	Upper
83	100		
85	60.9	50.6	75.8
127	8.1	6.7	10.1

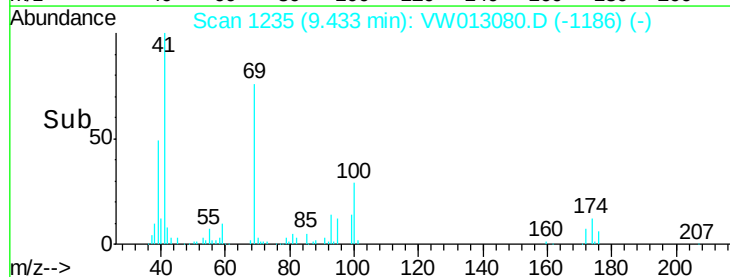
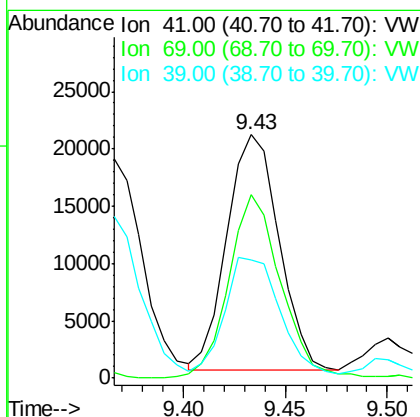
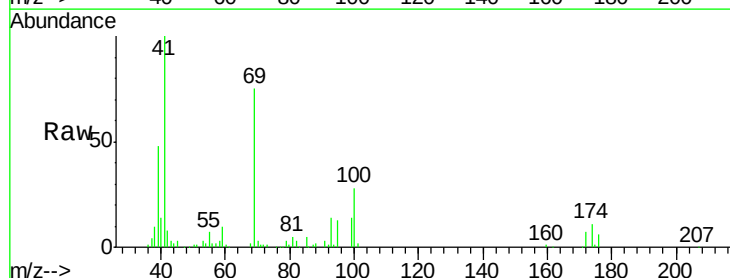
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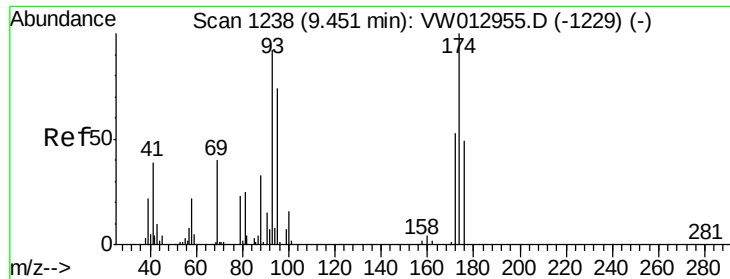
MMDadoda
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#48
Methyl methacrylate
Concen: 18.390 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	41	Resp	36278
Ion Ratio	100	Lower	Upper
41	100		
69	78.8	62.8	94.2
39	55.7	48.5	72.7





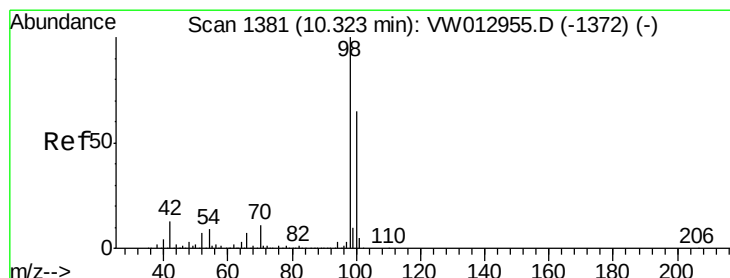
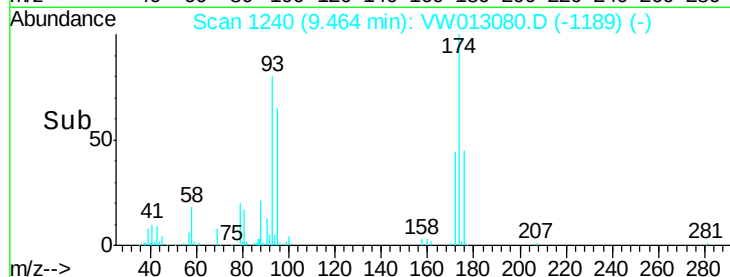
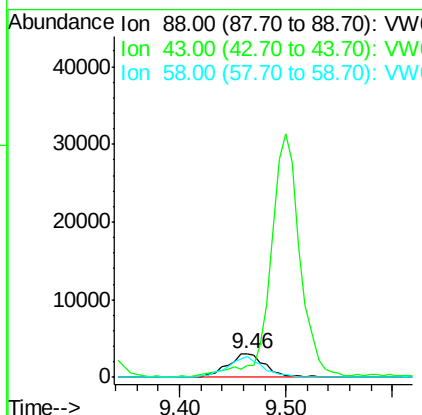
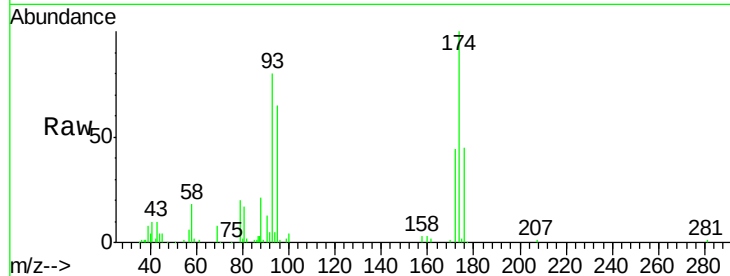
#49
1,4-Dioxane
Concen: 310.154 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	88	Resp	7617
Ion	Ratio	Lower	Upper
88	100		
43	0.0	31.3	46.9#
58	82.6	60.2	90.2

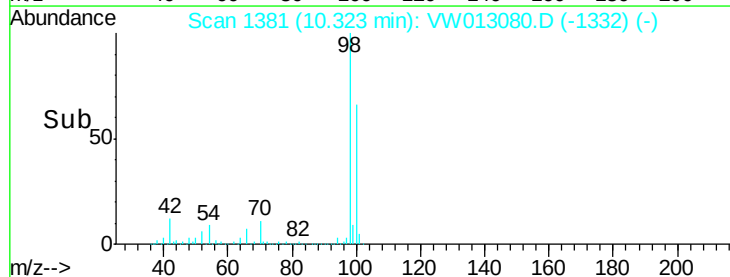
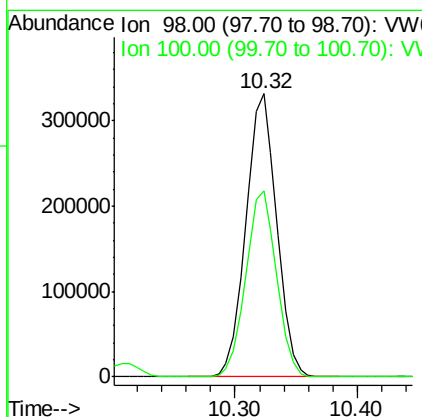
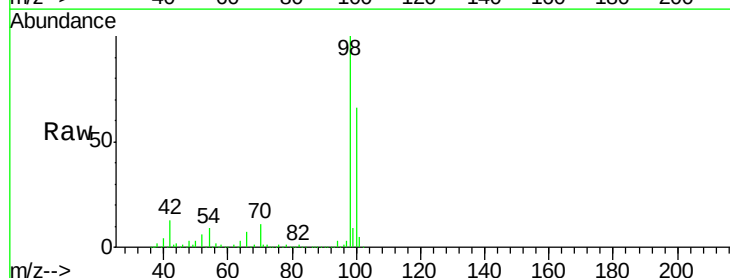
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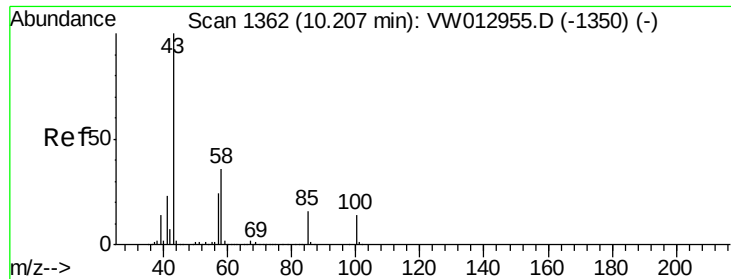
MMDadoda
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#50
Toluene-d8
Concen: 52.900 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	98	Resp	579759
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.1	78.1





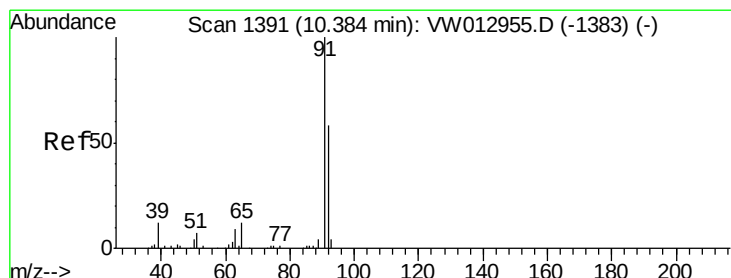
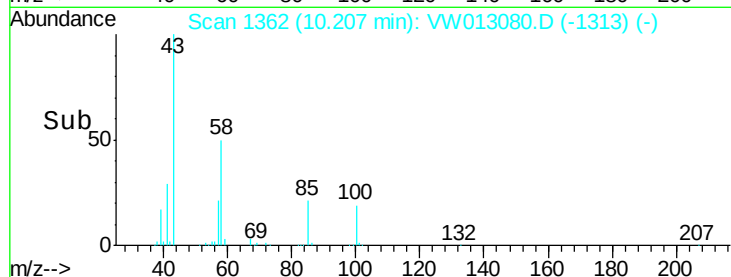
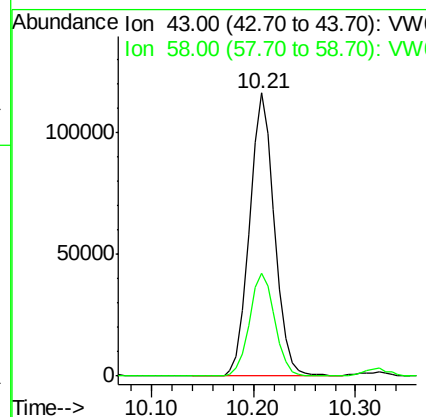
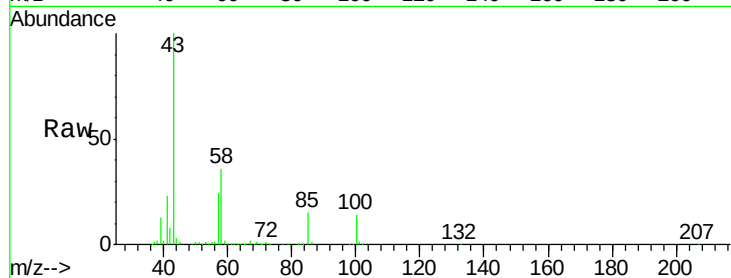
#51
 4-Methyl-2-Pentanone
 Concen: 91.157 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampled :
 VW0917SBS01

Tot Ion: 43 Resp: 197823
 Ion Ratio Lower Upper
 43 100
 58 37.0 29.5 44.3

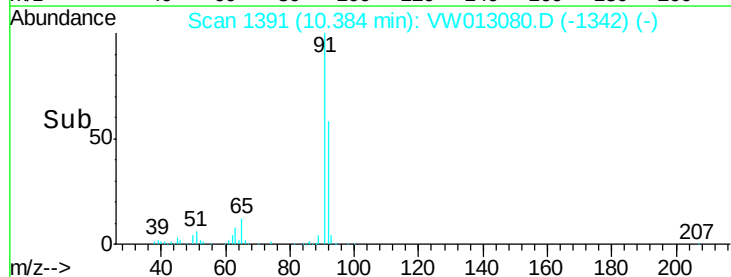
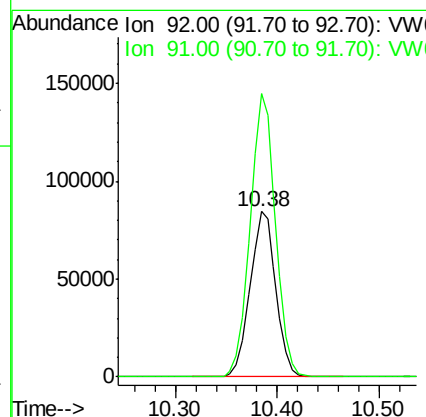
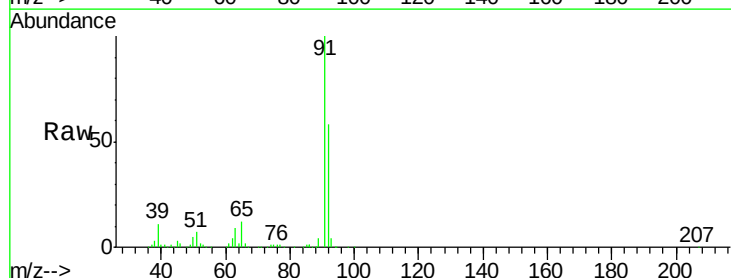
Manual Integrations
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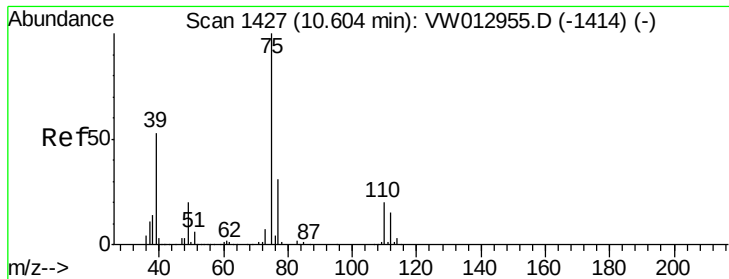
MMDadoda
 9/19/2019 1:27:21 AM



#52
 Toluene
 Concen: 20.204 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion: 92 Resp: 147829
 Ion Ratio Lower Upper
 92 100
 91 168.4 137.5 206.3





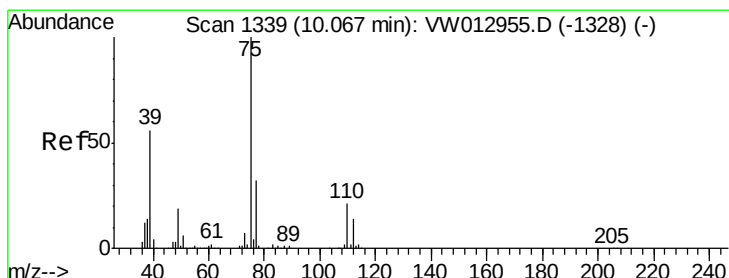
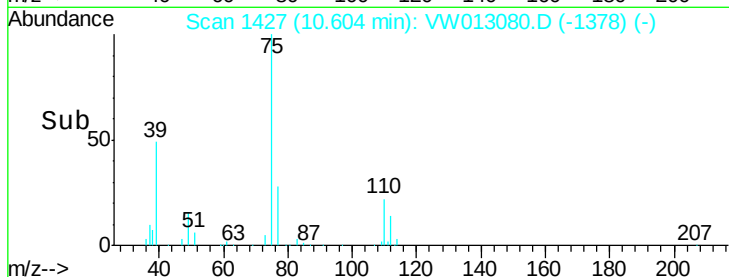
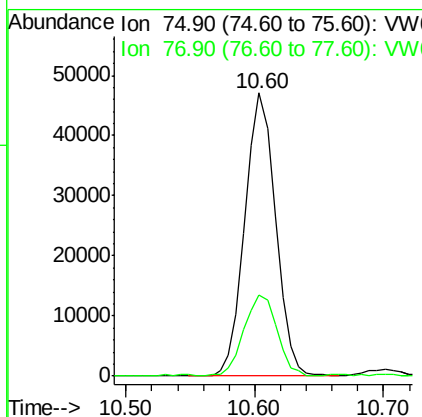
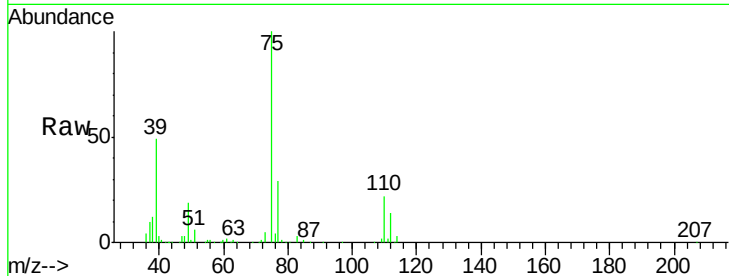
#53
t-1,3-Dichloropropene
Concen: 18.820 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.1	24.6	37.0

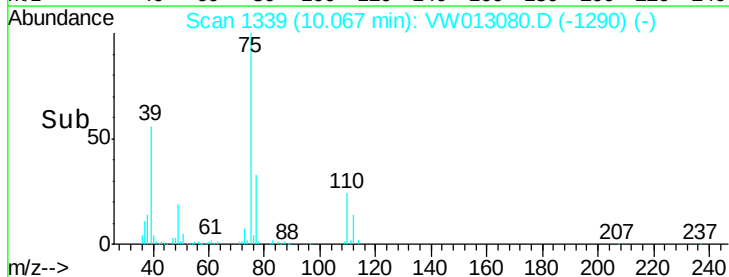
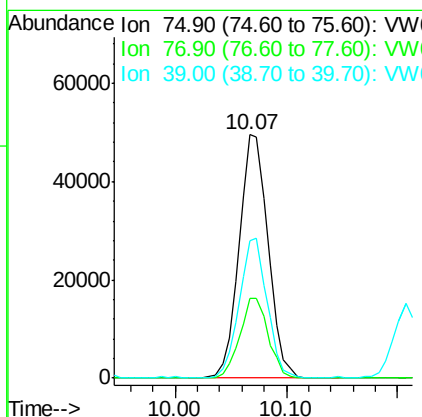
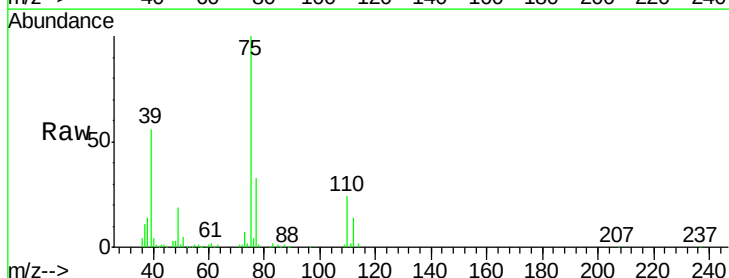
Manual Integrations
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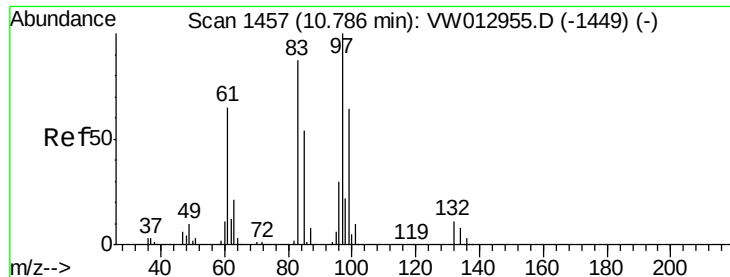
MMDadoda
9/19/2019 1:27:21 AM



#54
cis-1,3-Dichloropropene
Concen: 18.884 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.7	25.5	38.3
39	56.1	45.0	67.6





#55

1,1,2-Trichloroethane

Concen: 18.473 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

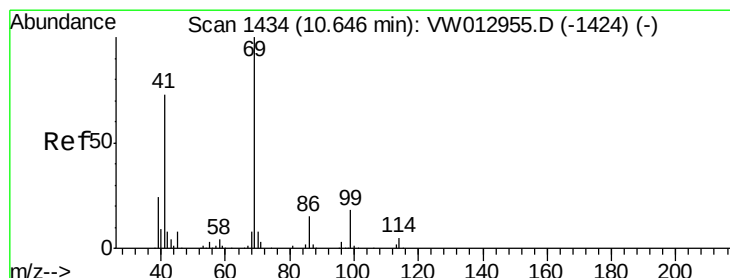
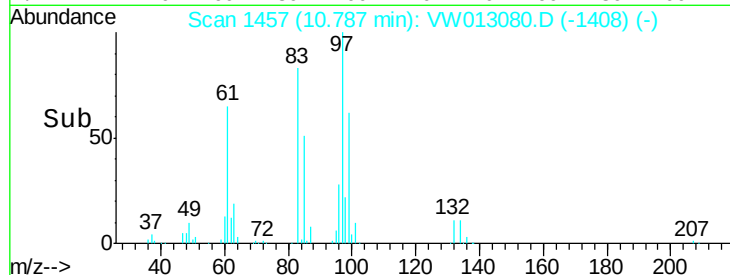
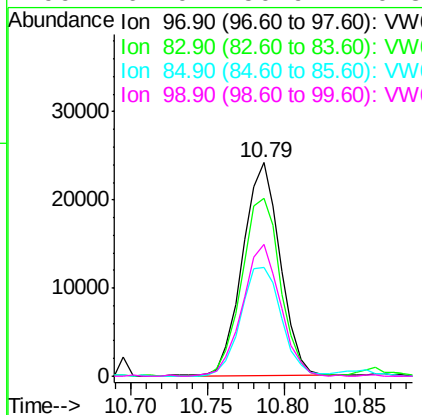
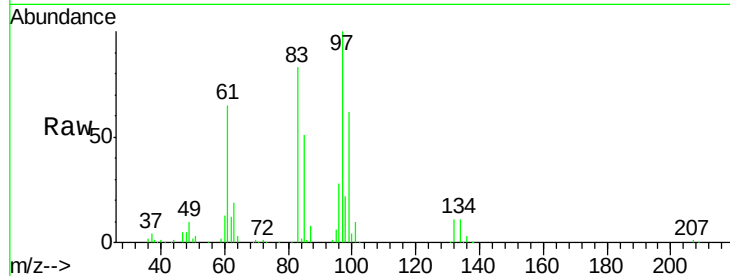
ClientSampleId :

VW0917SBS01

Tot Ion:	97	Resp:	41246
Ion	Ratio	Lower	Upper
97	100		
83	83.6	69.4	104.0
85	51.3	43.3	64.9
99	62.0	50.9	76.3

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#56

Ethyl methacrylate

Concen: 18.571 ug/l

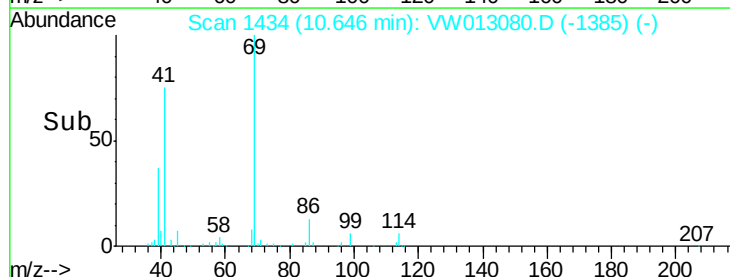
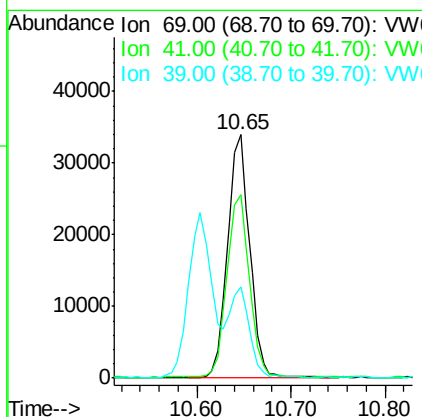
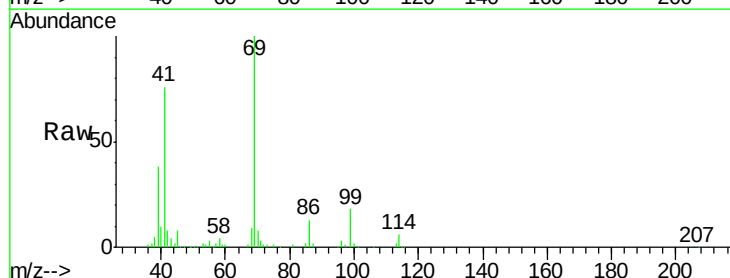
RT: 10.65 min Scan# 1434

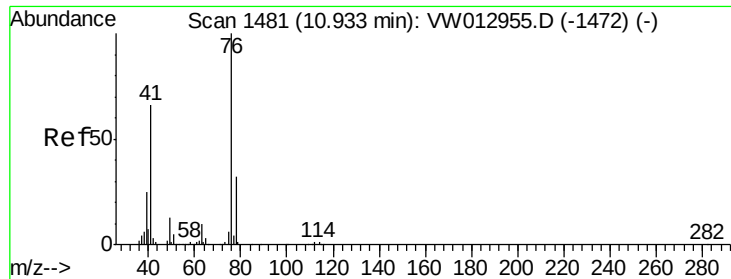
Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion:	69	Resp:	55811
Ion	Ratio	Lower	Upper
69	100		
41	75.3	60.8	91.2
39	32.9	29.4	44.0





#57

1,3-Dichloropropane

Concen: 19.075 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.01 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 76 Resp: 75551

Ion Ratio Lower Upper

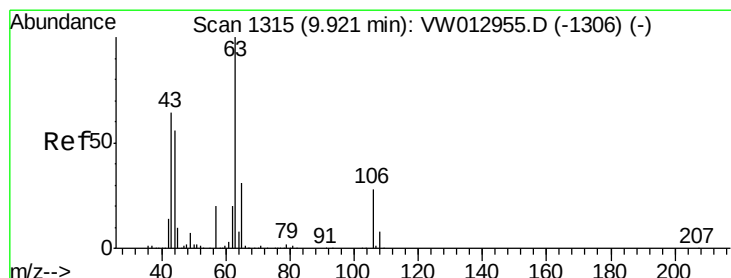
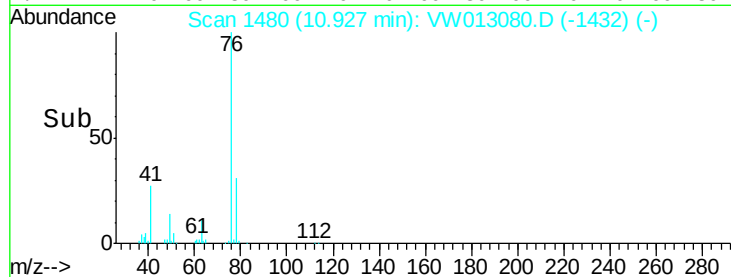
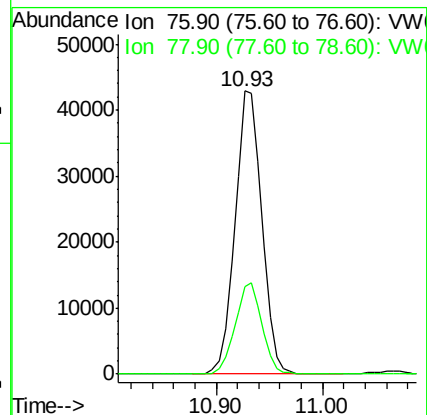
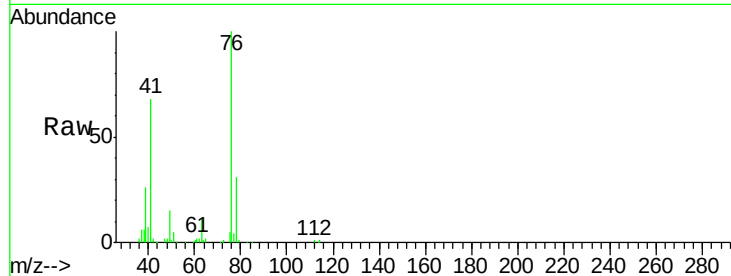
76 100

78 32.1 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 96.744 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW013080.D

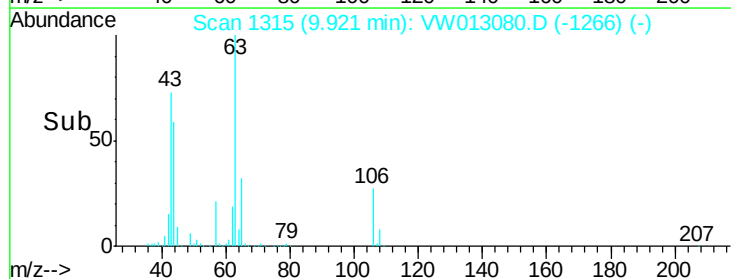
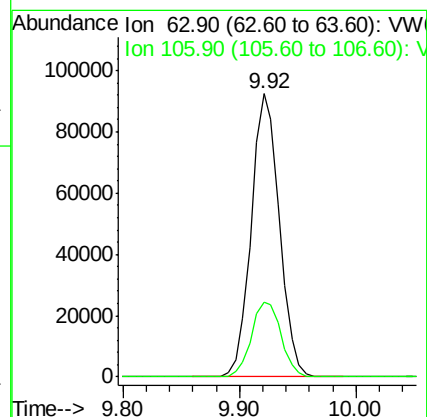
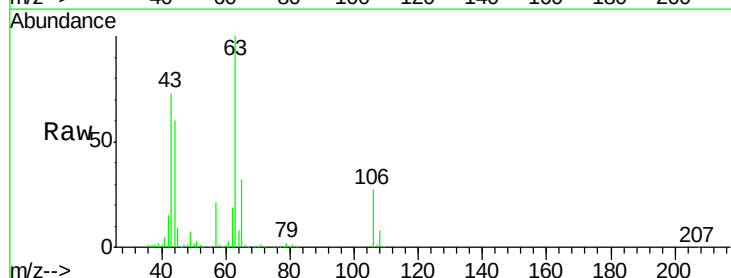
Acq: 17 Sep 2019 10:53

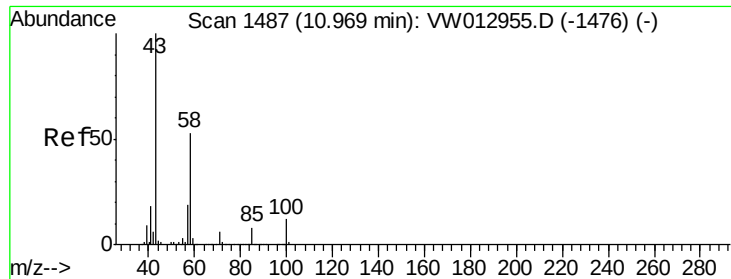
Tgt Ion: 63 Resp: 155966

Ion Ratio Lower Upper

63 100

106 28.1 22.2 33.2





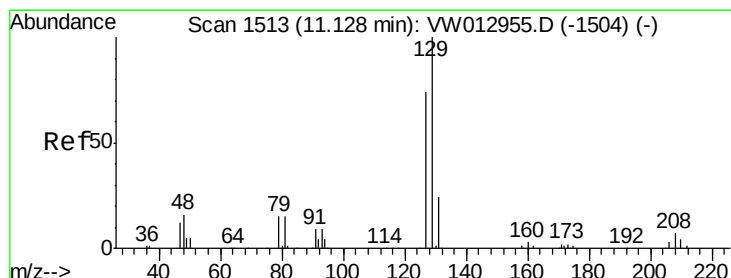
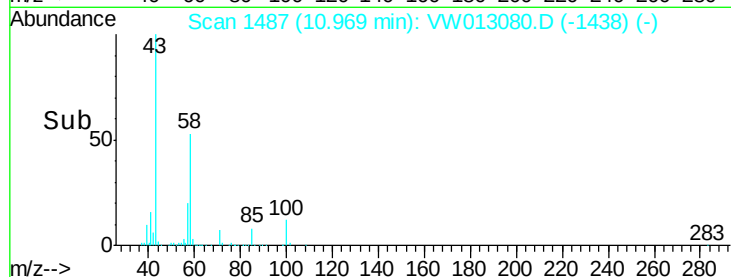
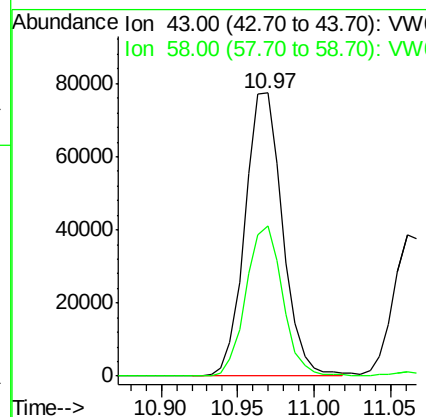
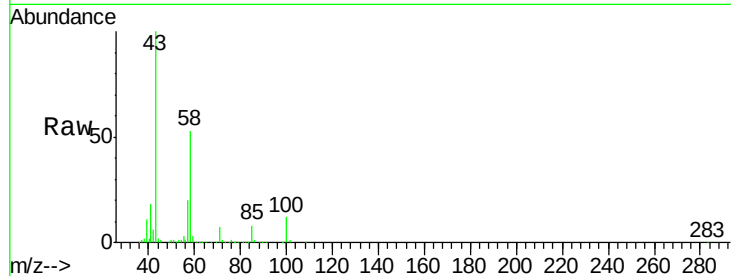
#59
2-Hexanone
Concen: 87.588 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion: 43 Resp: 132353
Ion Ratio Lower Upper
43 100
58 51.8 25.8 77.3

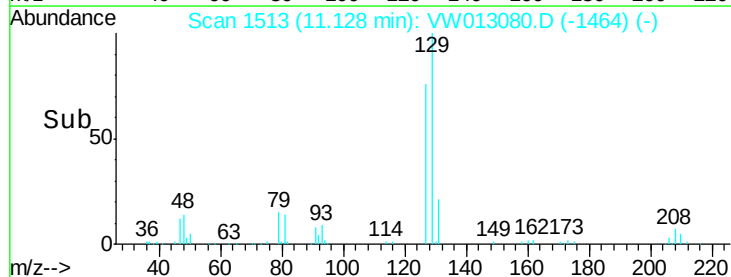
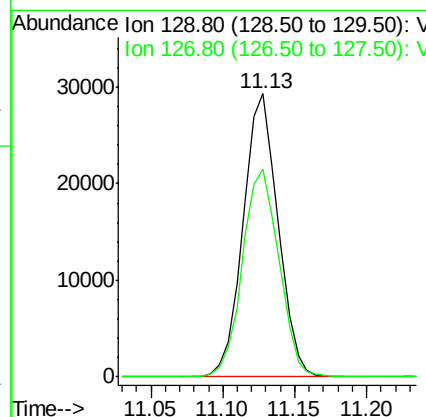
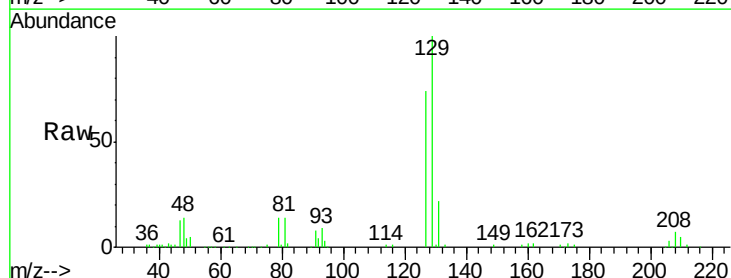
Manual Integrations
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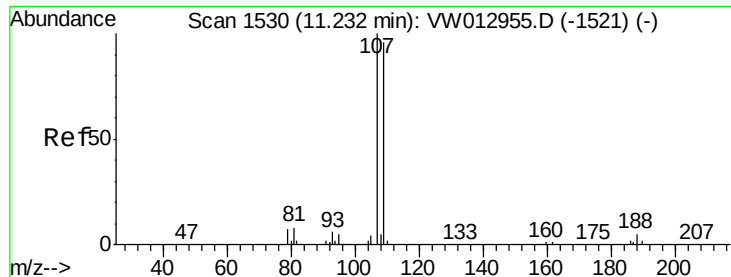
MMDadoda
9/19/2019 1:27:21 AM



#60
Dibromochloromethane
Concen: 18.182 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion: 129 Resp: 49079
Ion Ratio Lower Upper
129 100
127 77.1 37.4 112.2





#61

1,2-Dibromoethane

Concen: 18.639 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 107 Resp: 37964

Ion Ratio Lower Upper

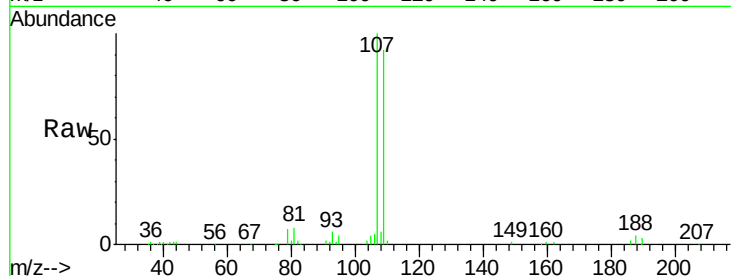
107 100

109 94.7 75.0 112.6

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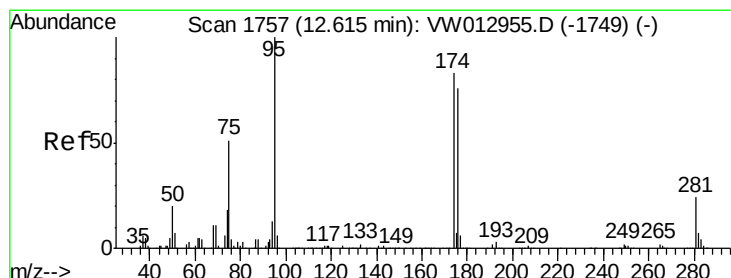
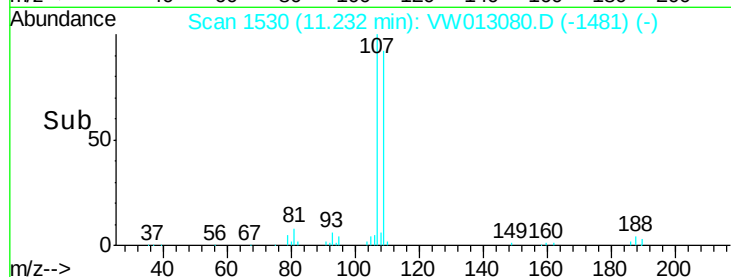
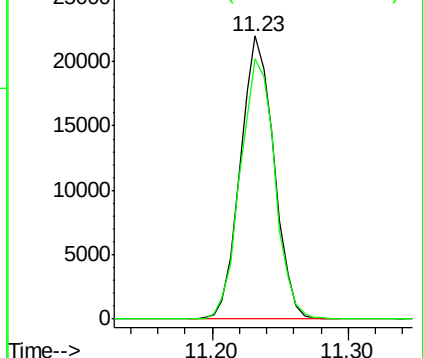
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.570 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

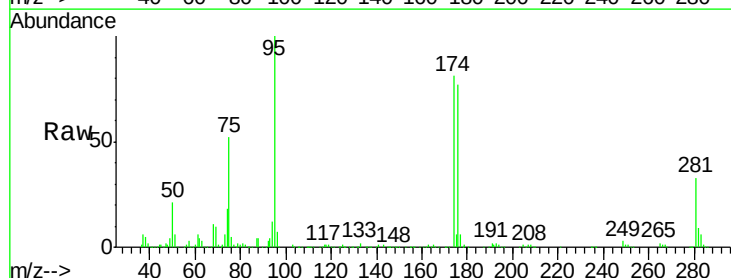
Tgt Ion: 95 Resp: 199288

Ion Ratio Lower Upper

95 100

174 84.0 0.0 170.4

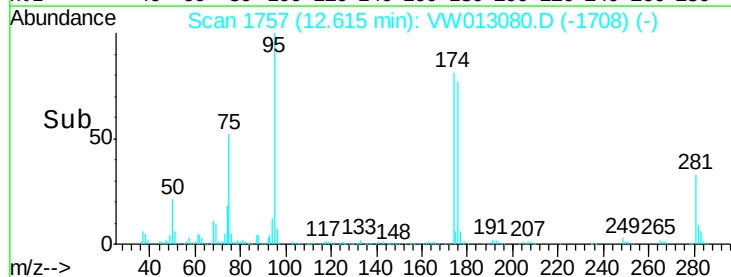
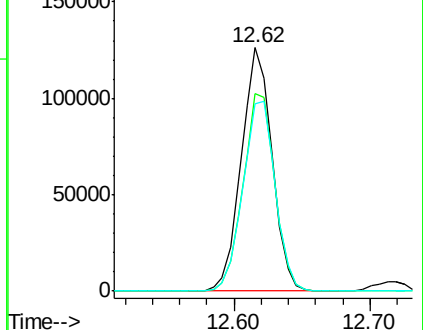
176 82.3 0.0 164.6

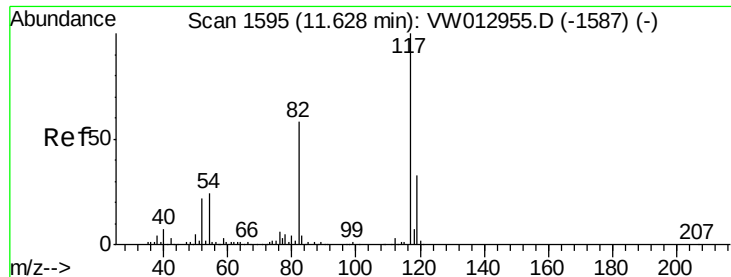


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





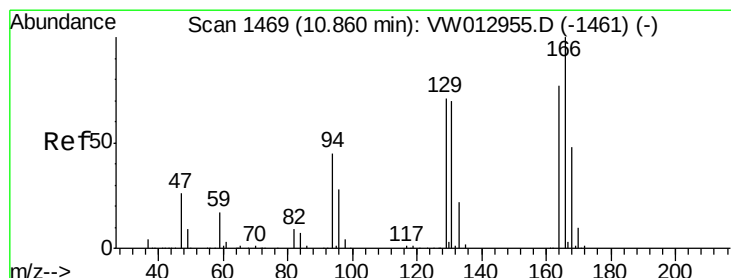
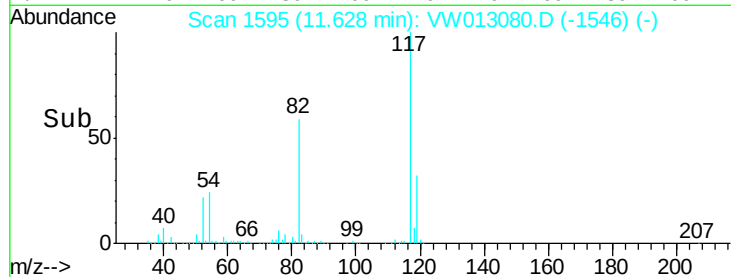
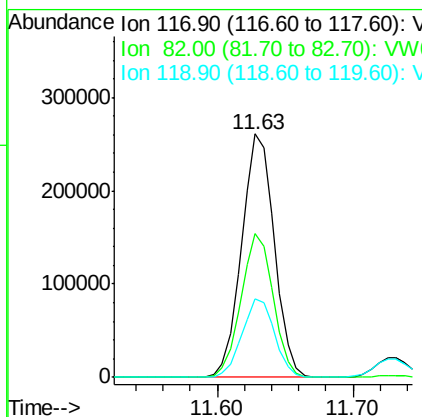
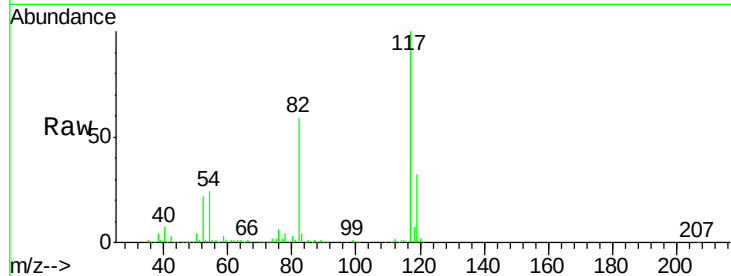
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	437836		
82	59.2	46.3	69.5	
119	32.3	26.2	39.4	

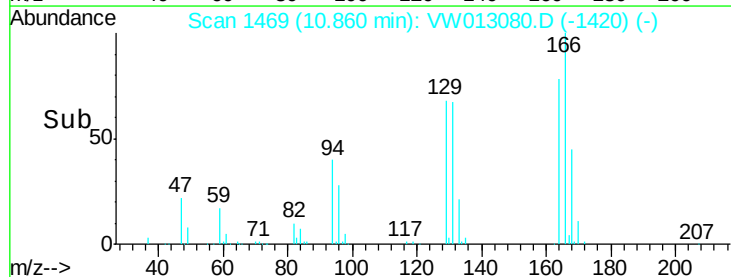
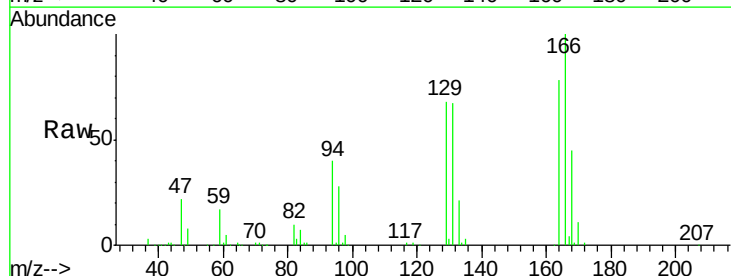
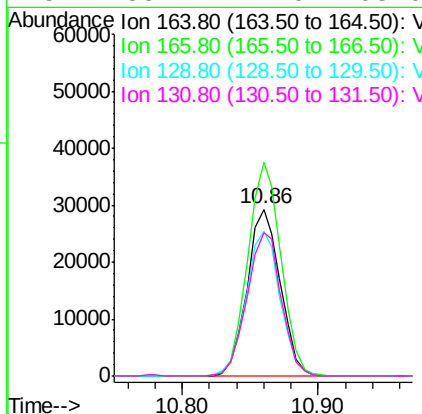
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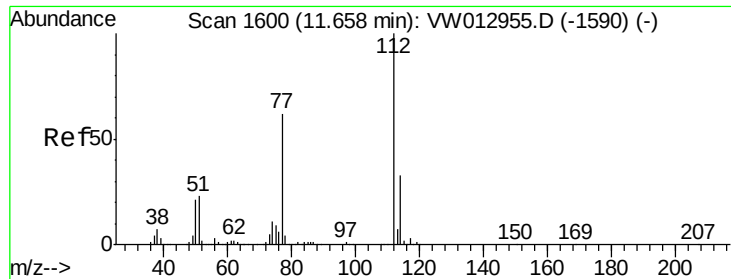
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#64
Tetrachloroethene
Concen: 19.167 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49925		
166	128.0	103.3	154.9	
129	86.7	73.8	110.8	
131	85.7	72.0	108.0	





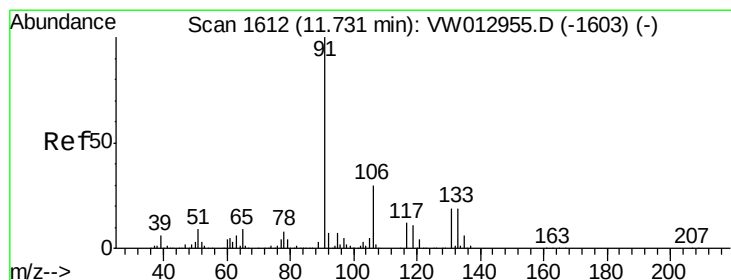
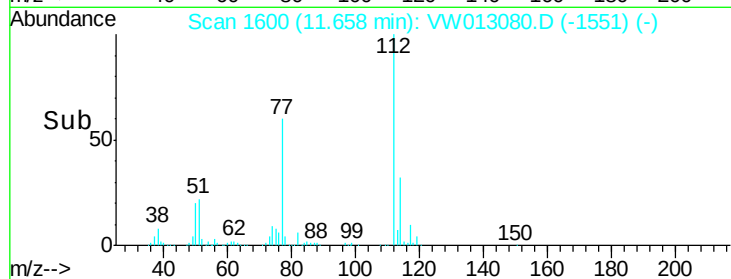
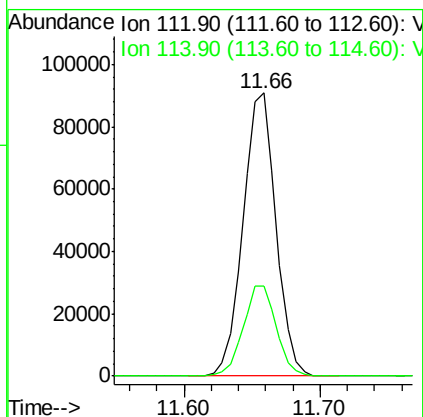
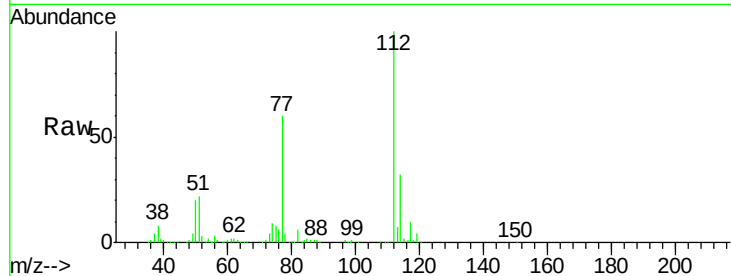
#65
Chlorobenzene
Concen: 19.679 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion:112 Resp: 153473
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6

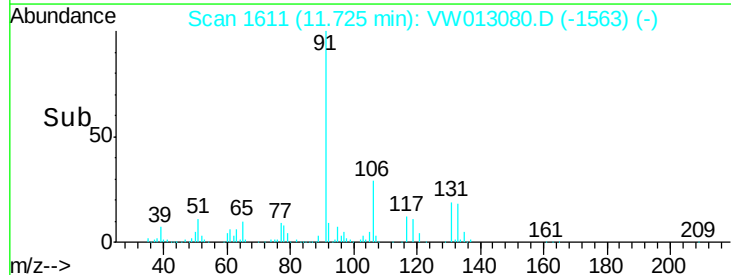
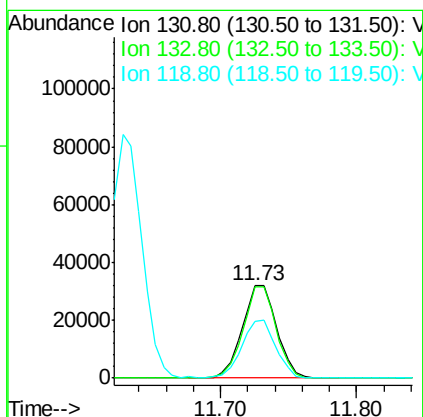
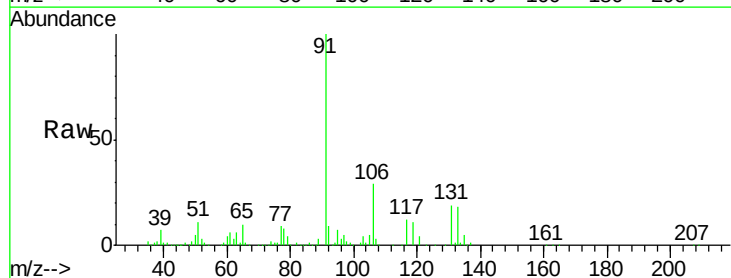
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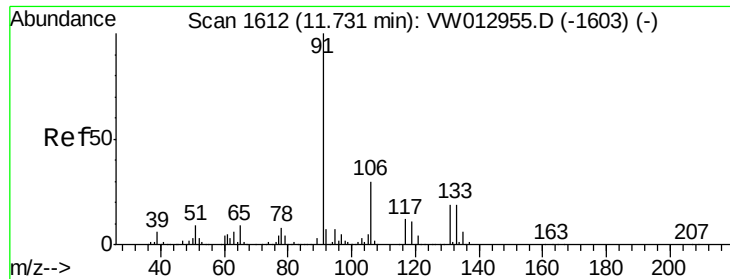
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.935 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion:131 Resp: 56591
Ion Ratio Lower Upper
131 100
133 94.3 47.9 143.8
119 61.8 30.9 92.7





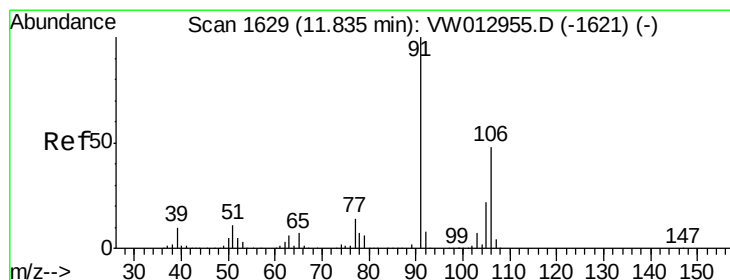
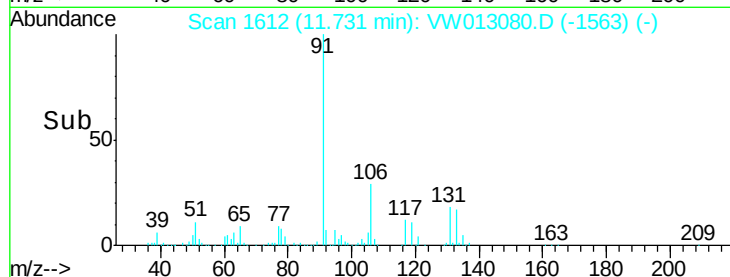
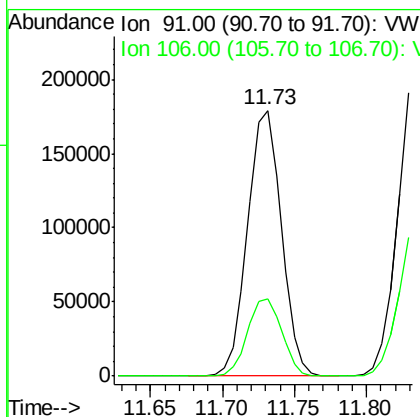
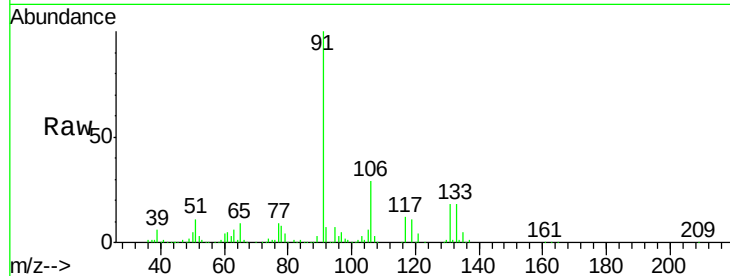
#67
Ethyl Benzene
Concen: 20.182 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion: 91 Resp: 290687
Ion Ratio Lower Upper
91 100
106 29.1 24.3 36.5

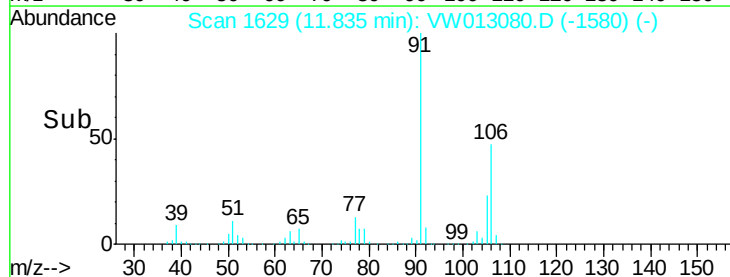
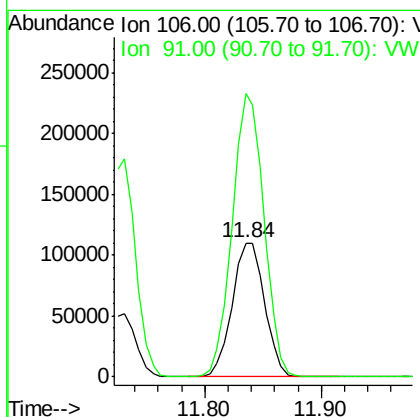
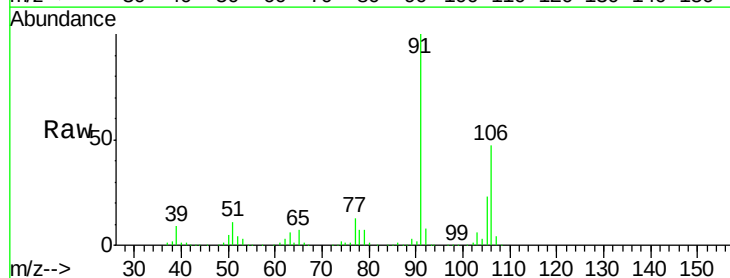
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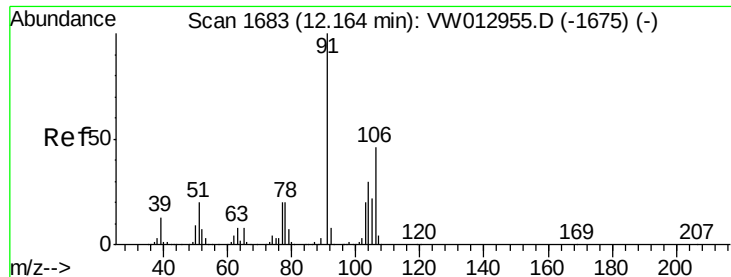
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#68
m/p-Xylenes
Concen: 40.610 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion: 106 Resp: 213681
Ion Ratio Lower Upper
106 100
91 207.2 165.8 248.8





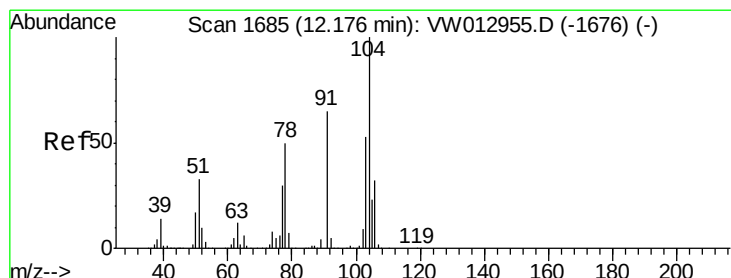
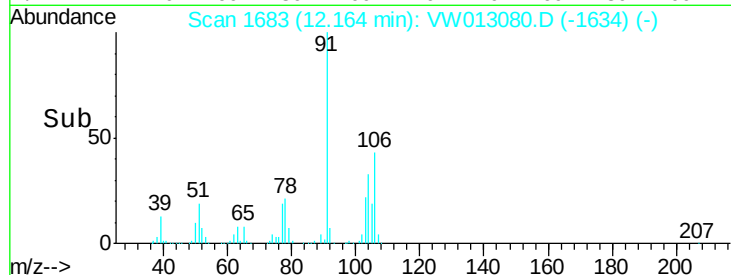
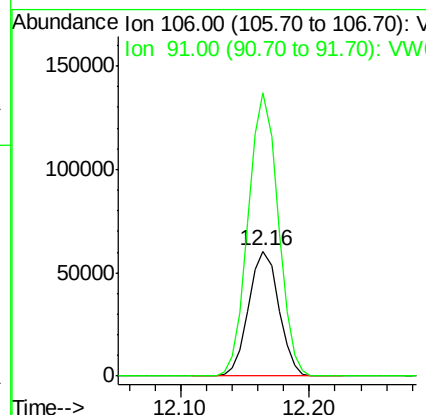
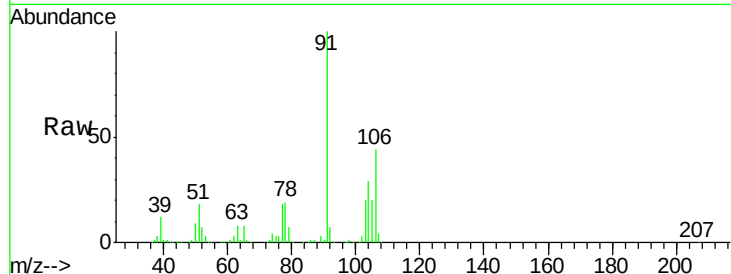
#69
o-Xylene
Concen: 19.865 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion:106 Resp: 97994
Ion Ratio Lower Upper
106 100
91 224.8 109.7 329.0

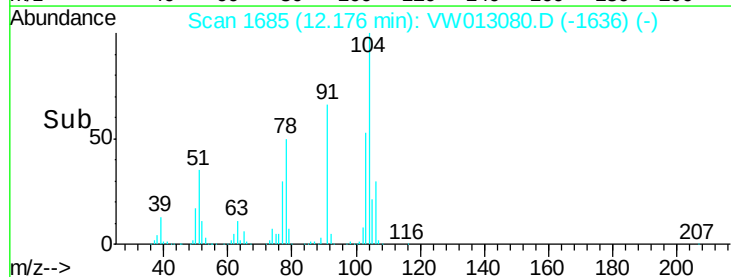
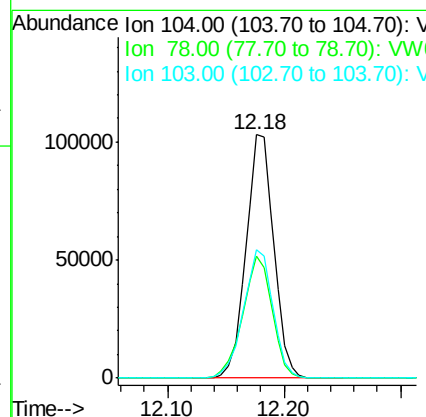
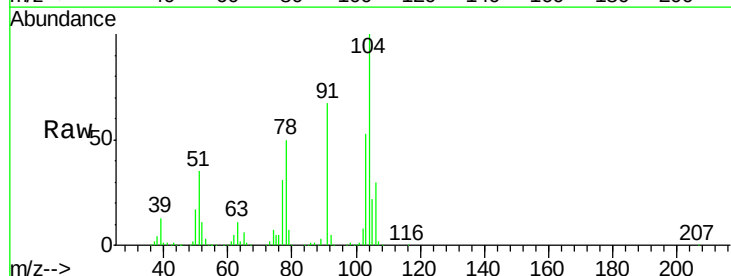
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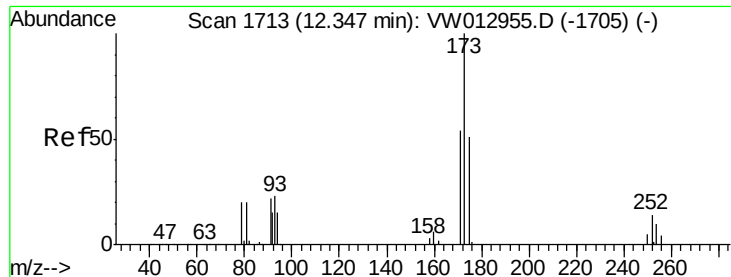
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#70
Styrene
Concen: 19.625 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion:104 Resp: 172213
Ion Ratio Lower Upper
104 100
78 53.0 42.1 63.1
103 55.8 44.2 66.4





#71

Bromoform

Concen: 18.156 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

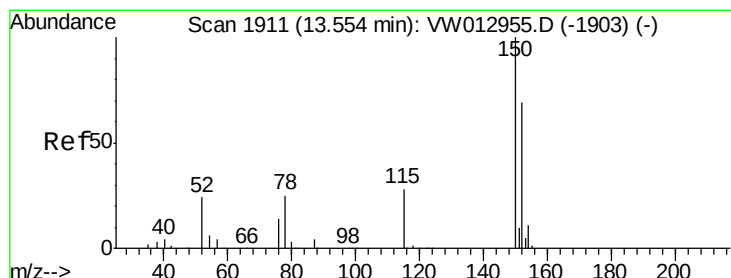
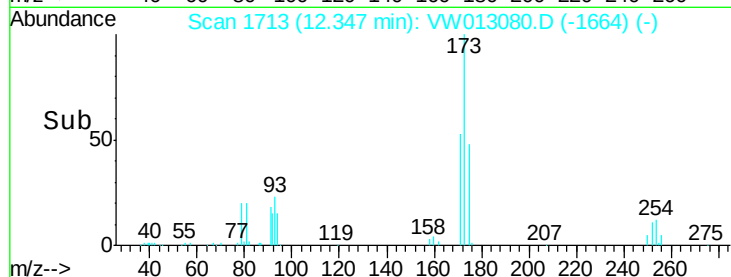
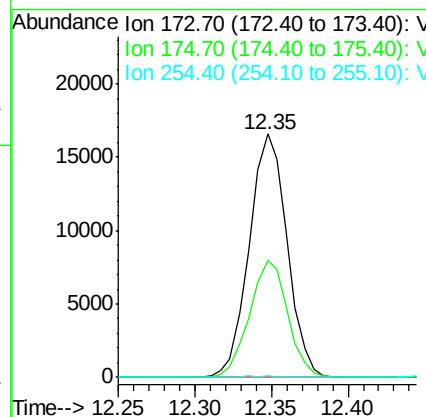
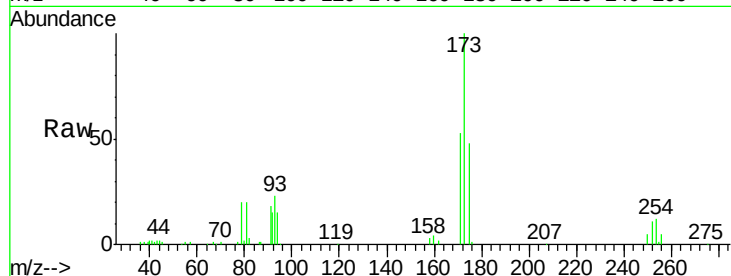
ClientSampleId :

VW0917SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.2	72.6
254	0.3	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

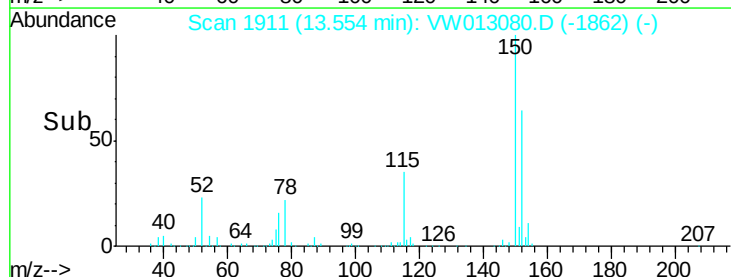
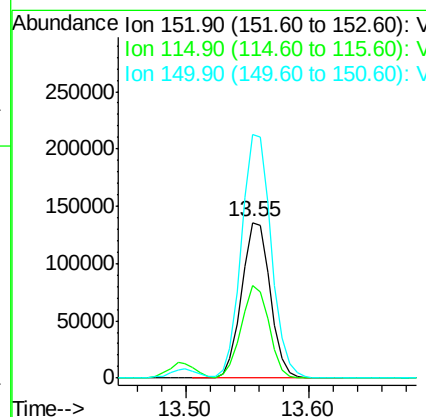
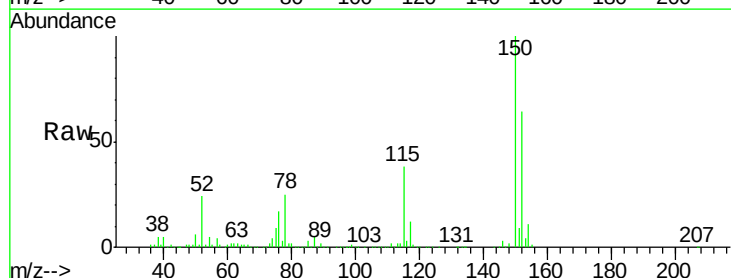
RT: 13.55 min Scan# 1911

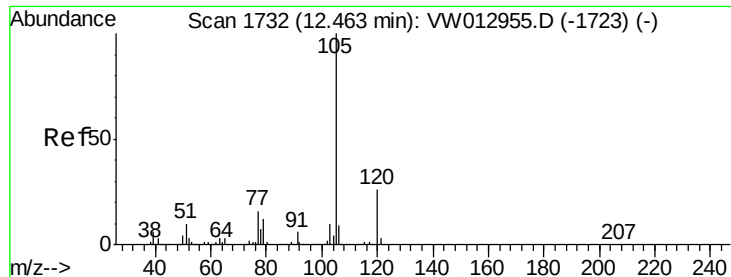
Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.8	86.4
150	163.9	0.0	340.2





#73

Isopropylbenzene

Concen: 19.832 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion:105 Resp: 287366

Ion Ratio Lower Upper

105 100

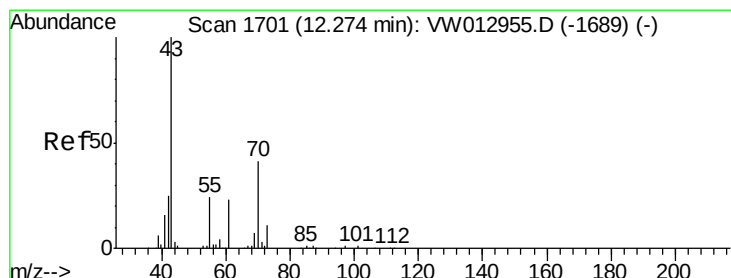
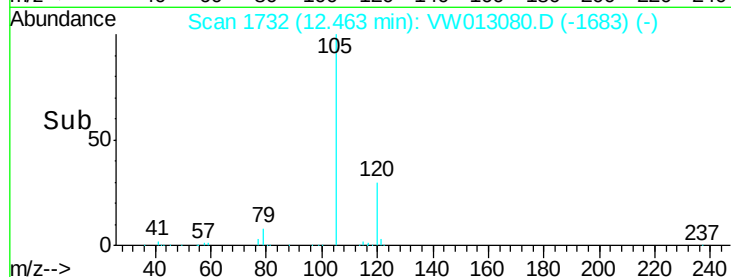
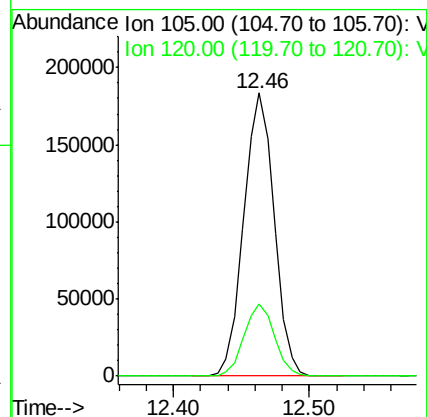
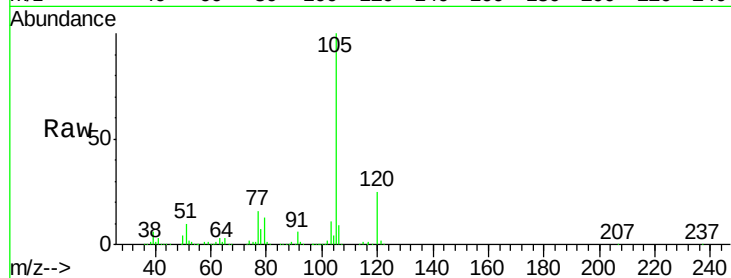
120 25.6 13.0 39.0

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#74

N-ethyl acetate

Concen: 18.352 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion: 43 Resp: 68407

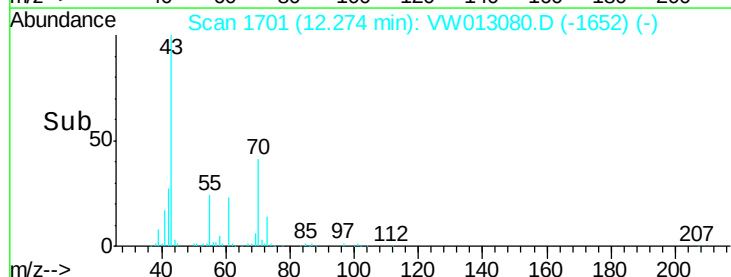
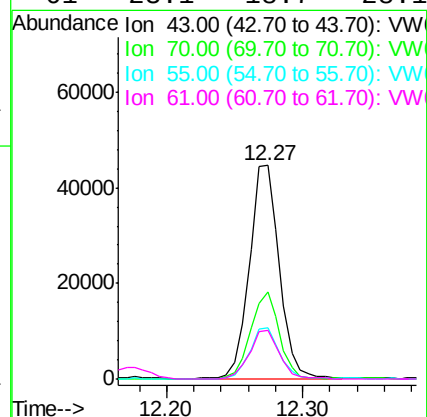
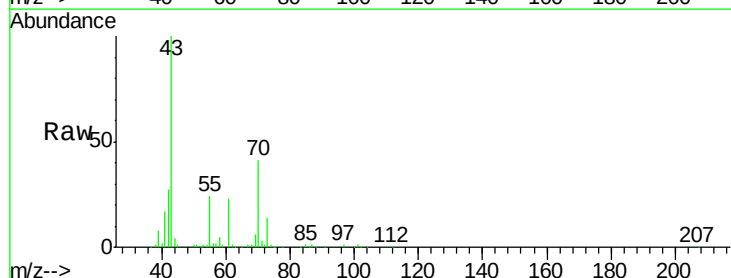
Ion Ratio Lower Upper

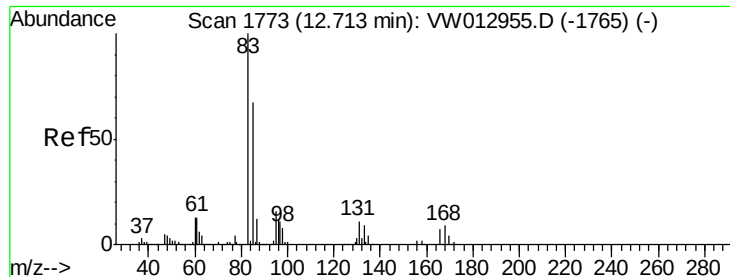
43 100

70 39.6 31.7 47.5

55 24.1 19.4 29.2

61 23.1 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 19.412 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

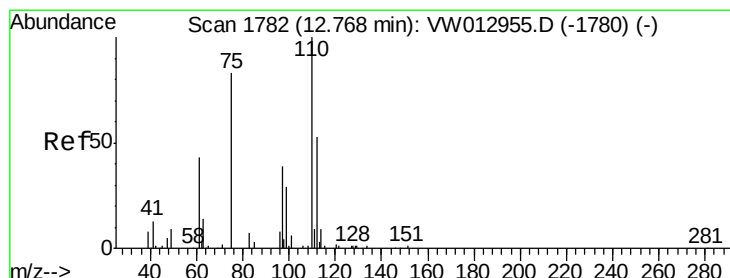
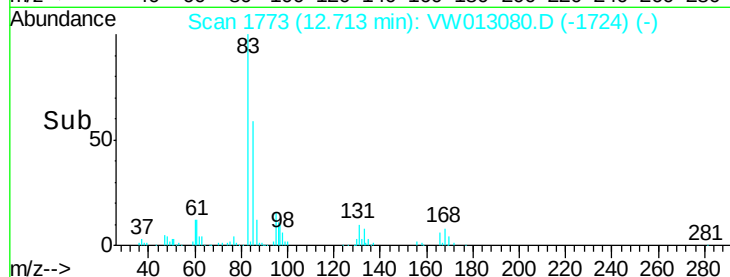
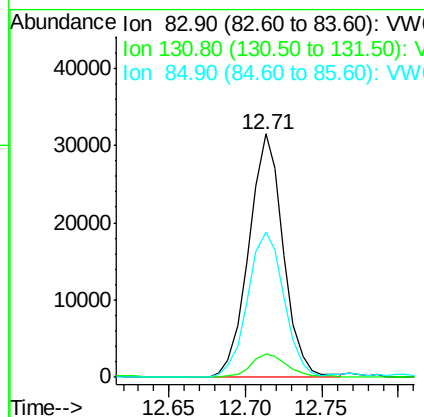
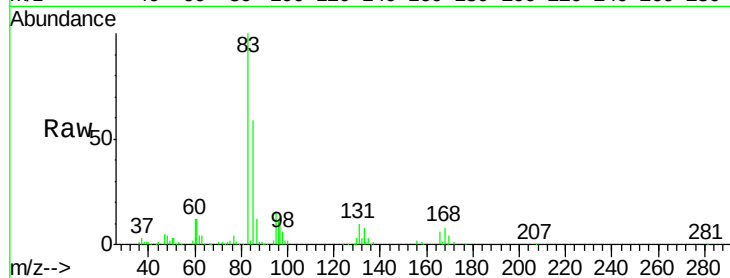
ClientSampleId :

VW0917SBS01

Tot Ion:	83	Resp:	49405
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.7	17.1
85	62.7	31.4	94.3

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#76

1,2,3-Trichloropropane

Concen: 16.668 ug/l m

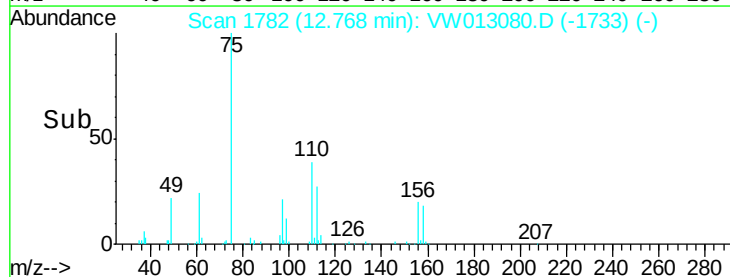
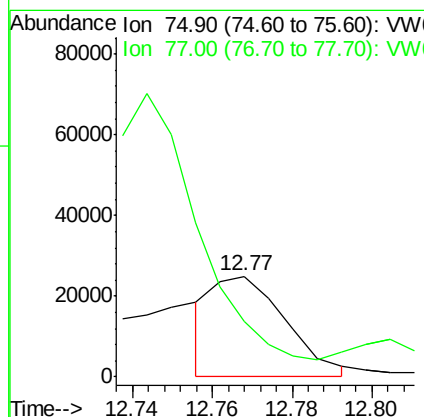
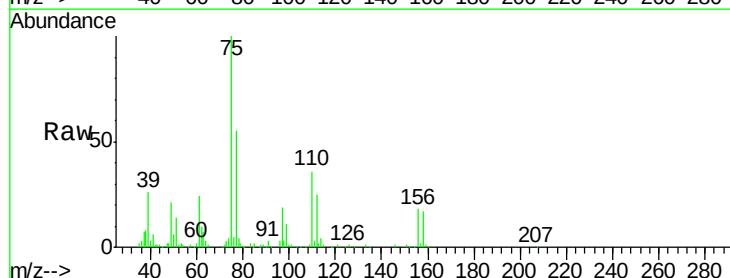
RT: 12.77 min Scan# 1782

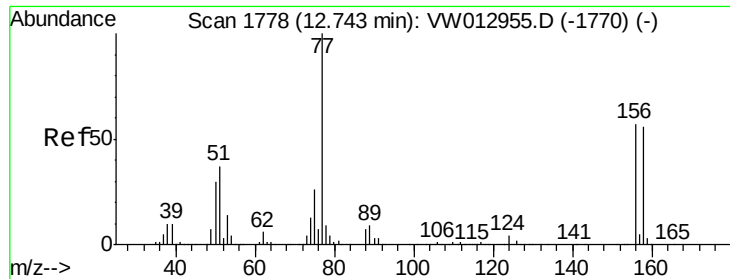
Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion:	75	Resp:	31917
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.684 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

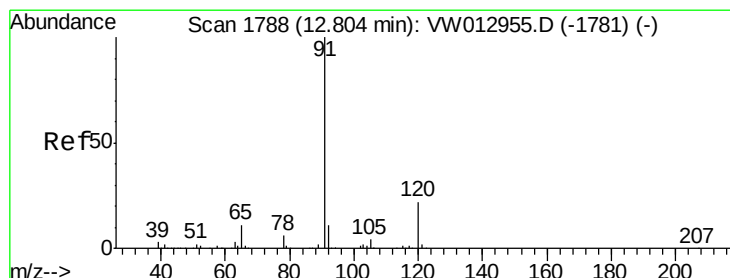
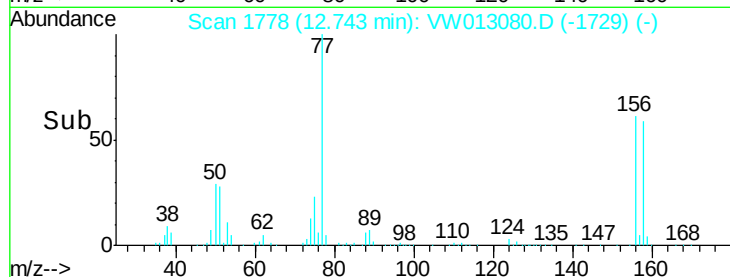
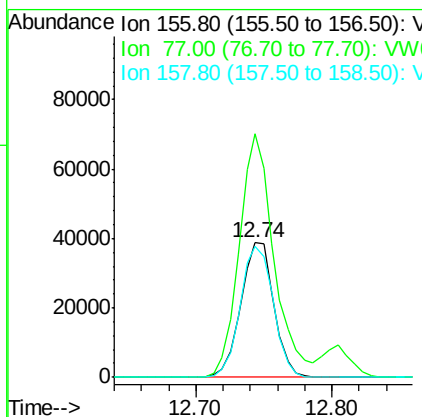
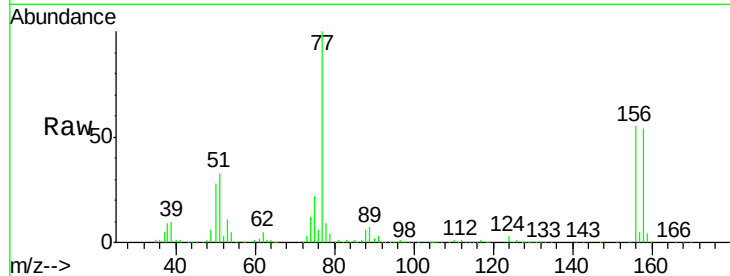
ClientSampleId :

VW0917SBS01

Tot Ion:	156	Resp:	65710
Ion Ratio	Lower	Upper	
156	100		
77	189.8	95.2	285.6
158	97.5	49.0	147.2

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#78

n-propylbenzene

Concen: 19.952 ug/l

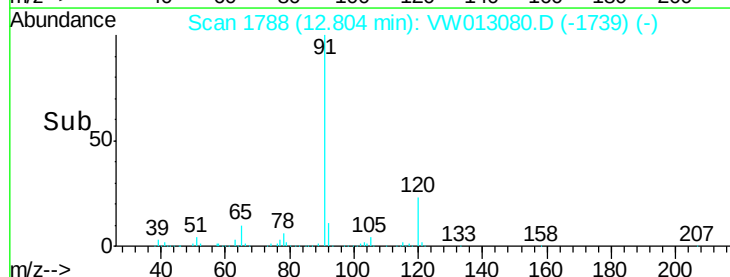
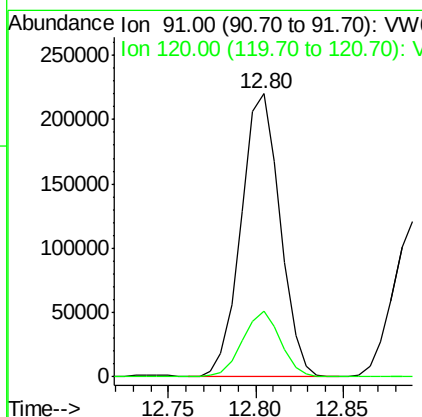
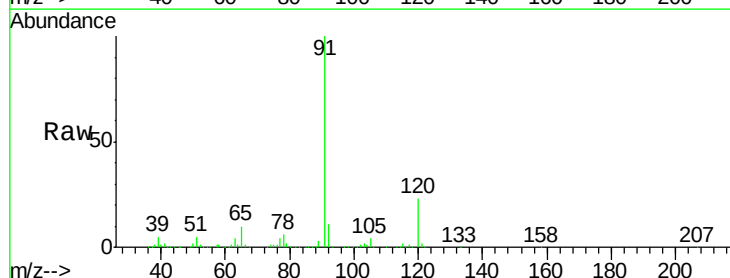
RT: 12.80 min Scan# 1788

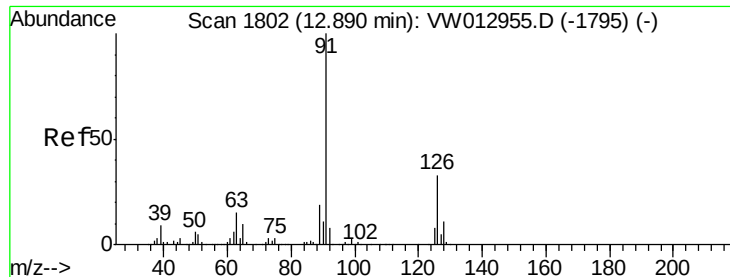
Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion:	91	Resp:	340089
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.2	33.5





#79

2-Chlorotoluene

Concen: 19.774 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

ClientSampleId :

VW0917SBS01

Tot Ion: 91 Resp: 193757

Ion Ratio Lower Upper

91 100

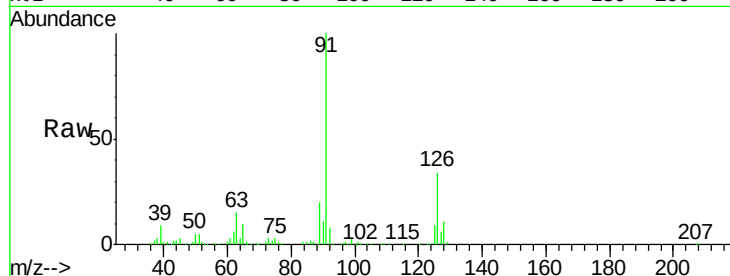
126 33.6 16.5 49.5

Manual Integrations

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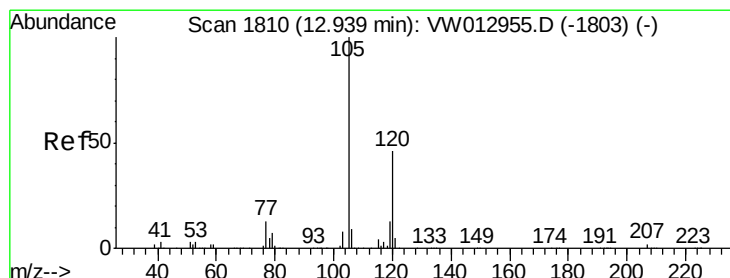
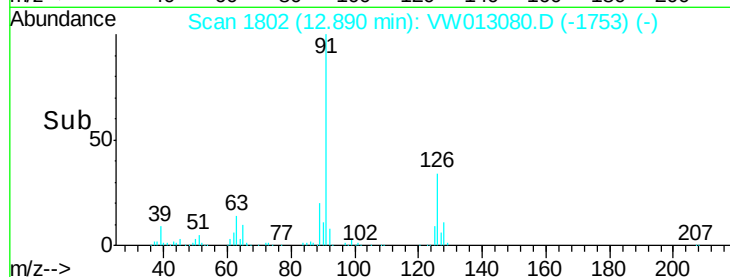
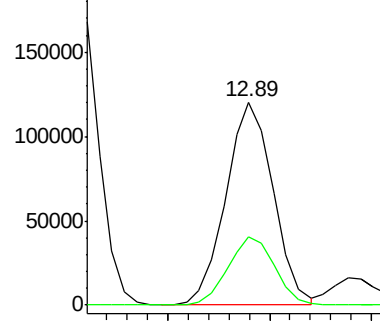
MMDadoda

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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: 19.714 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013080.D

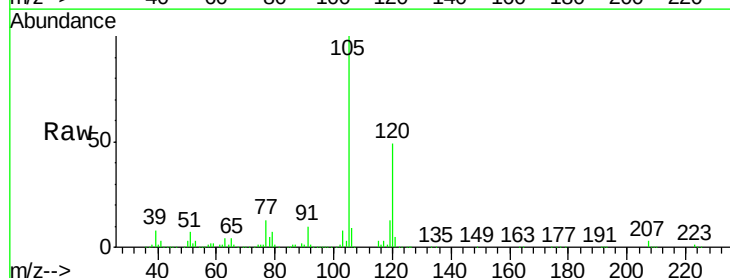
Acq: 17 Sep 2019 10:53

Tgt Ion:105 Resp: 241670

Ion Ratio Lower Upper

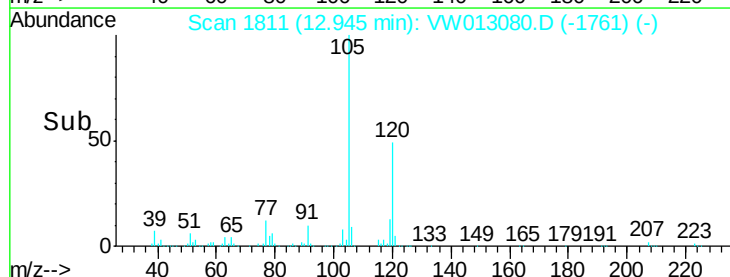
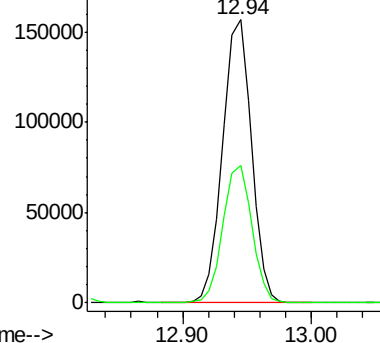
105 100

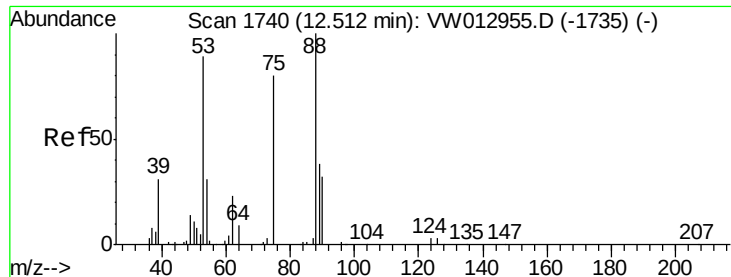
120 49.1 24.2 72.6



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: 17.645 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

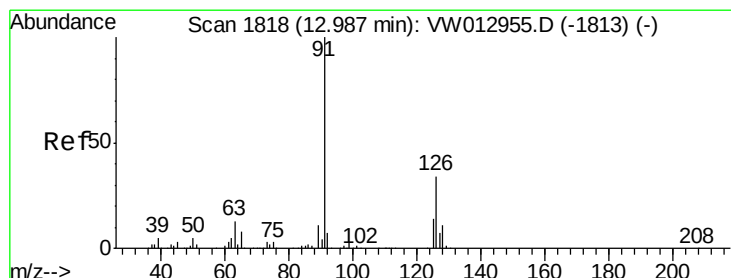
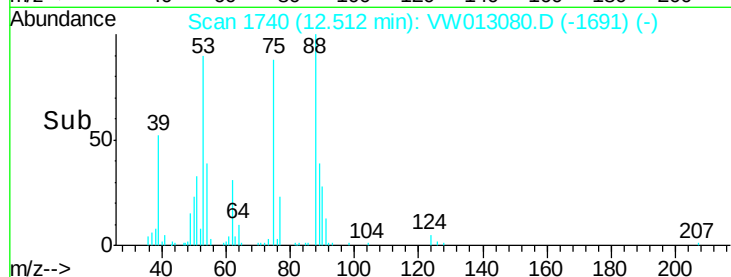
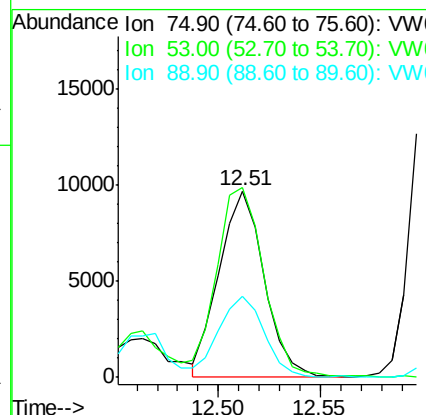
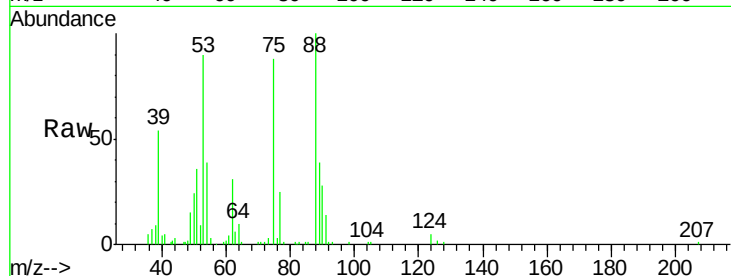
ClientSampleId :

VW0917SBS01

Tot Ion:	75	Resp:	14895
Ion	Ratio	Lower	Upper
75	100		
53	106.3	85.6	128.4
89	43.7	37.2	55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.759 ug/l

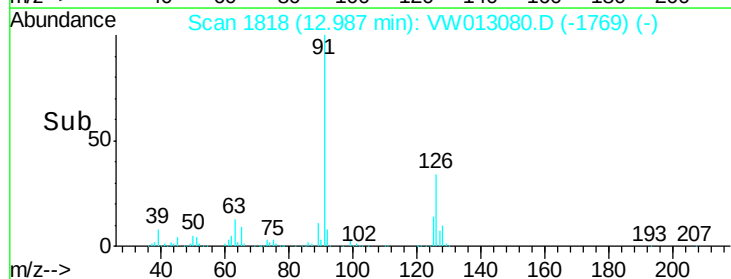
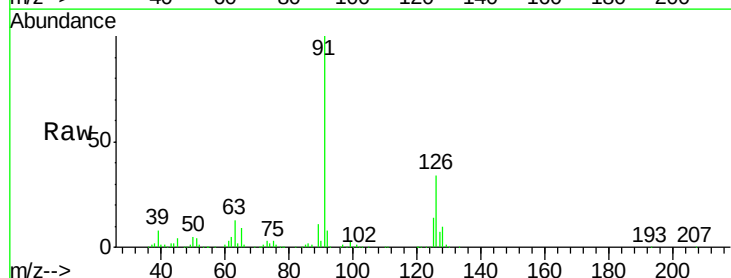
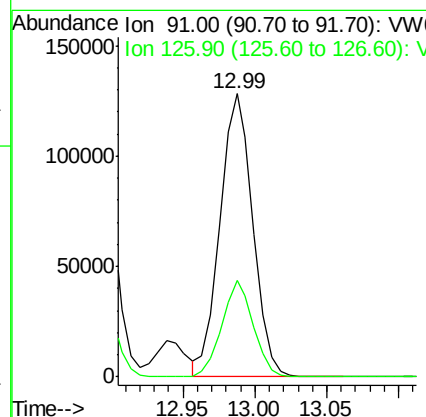
RT: 12.99 min Scan# 1818

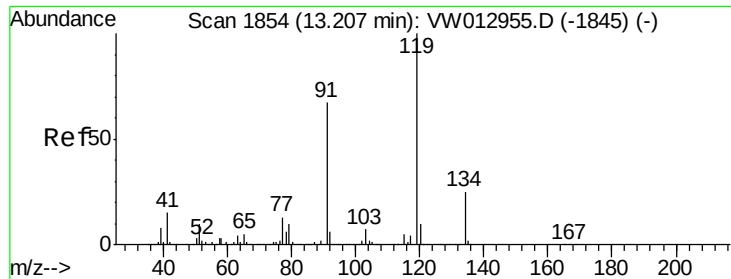
Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion:	91	Resp:	204273
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.1	48.3





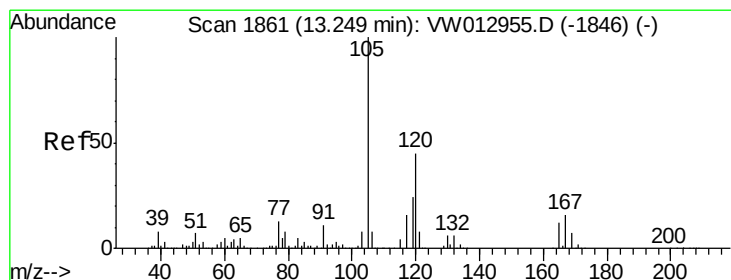
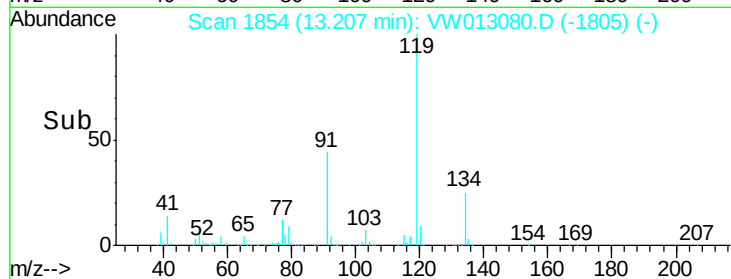
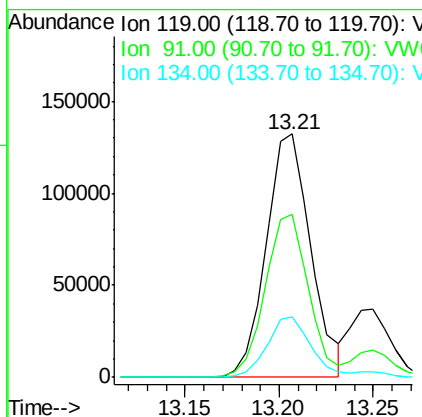
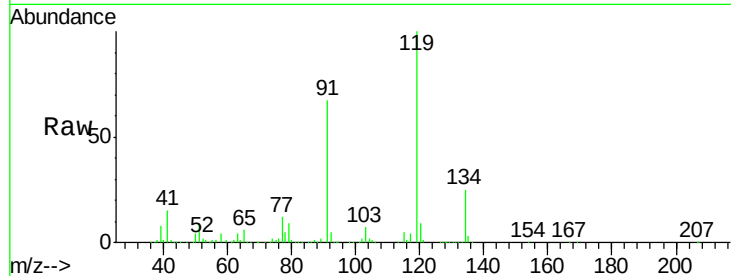
#83
 tert-Butylbenzene
 Concen: 19.806 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	217170		
91	65.0	32.6	98.0	
134	24.5	12.4	37.4	

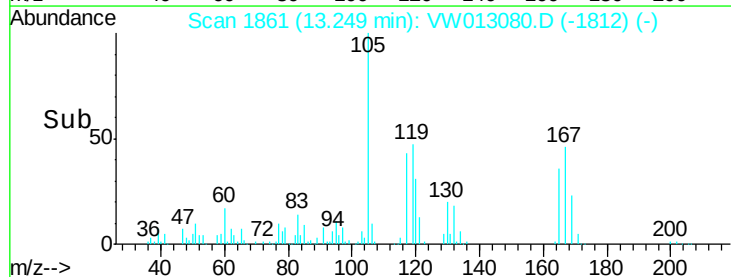
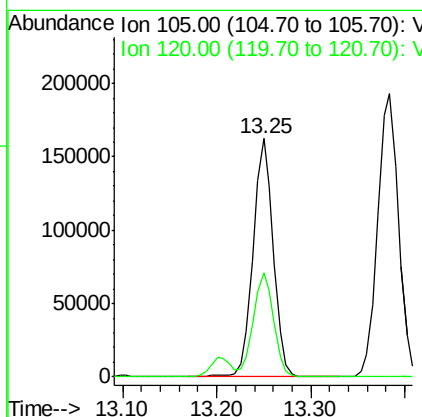
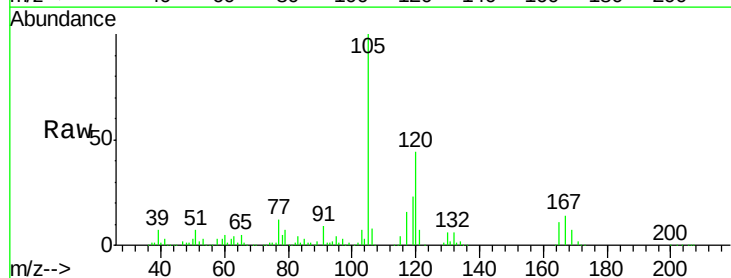
Manual Integrations
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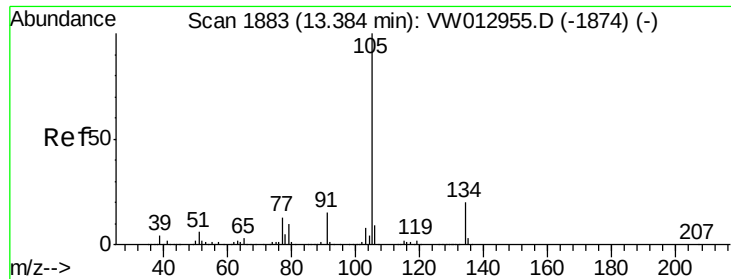
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.245 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	245246		
120	44.4	21.9	65.7	





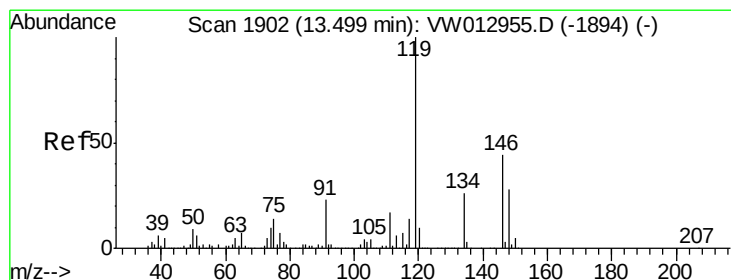
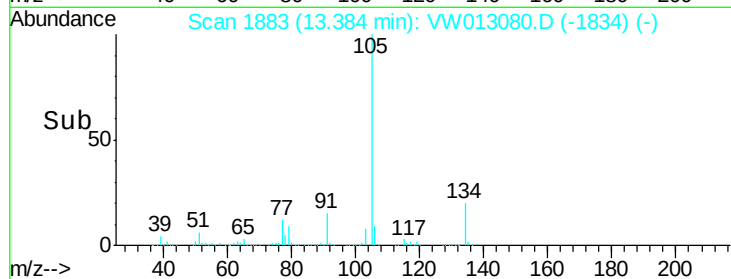
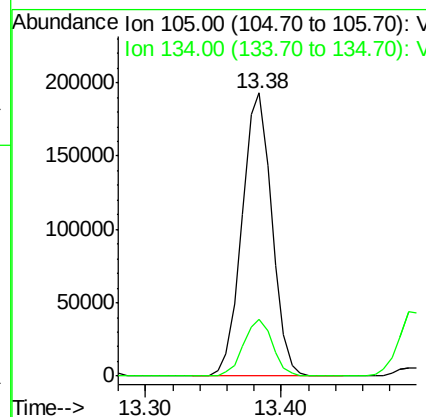
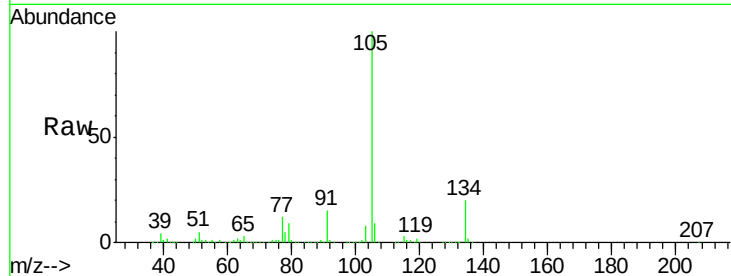
#85
 sec-Butylbenzene
 Concen: 19.761 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	295215		
134	19.7	10.2	30.4	

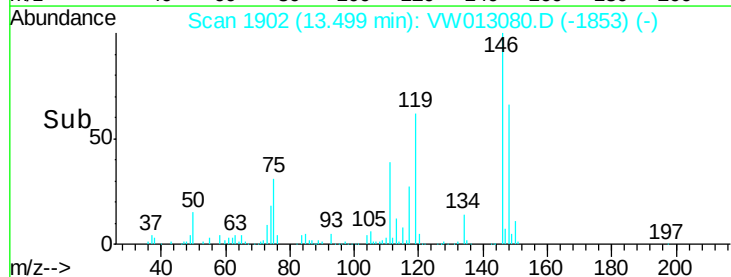
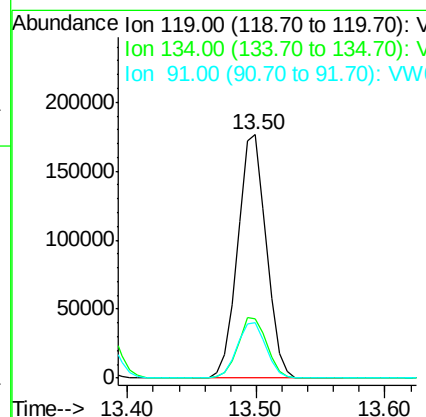
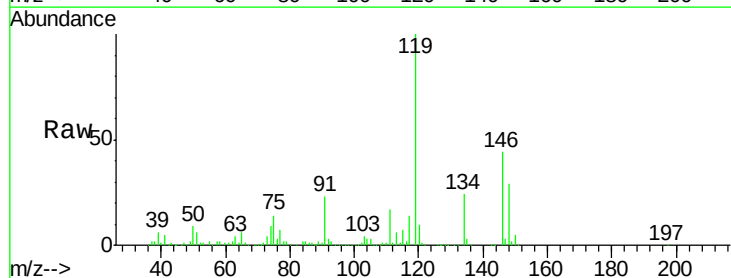
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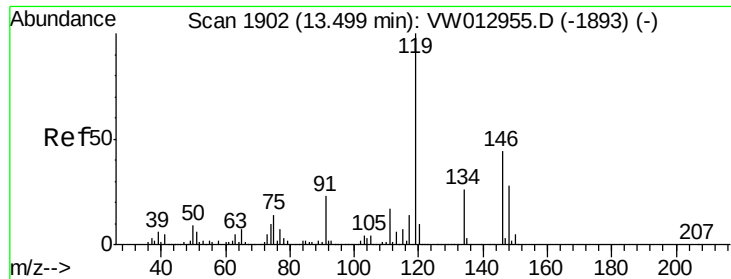
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#86
 p-Isopropyltoluene
 Concen: 19.709 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	270332		
134	25.1	12.8	38.3	
91	23.0	11.8	35.4	





#87

1,3-Dichlorobenzene

Concen: 19.111 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Instrument :

MSVOA_W

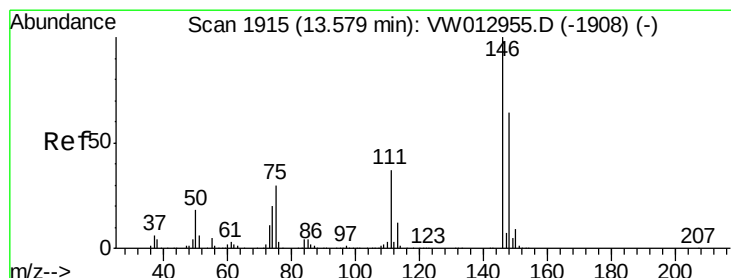
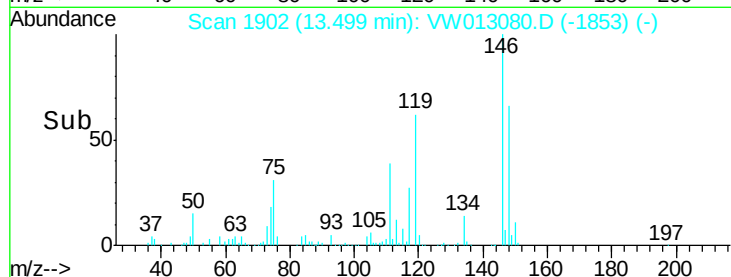
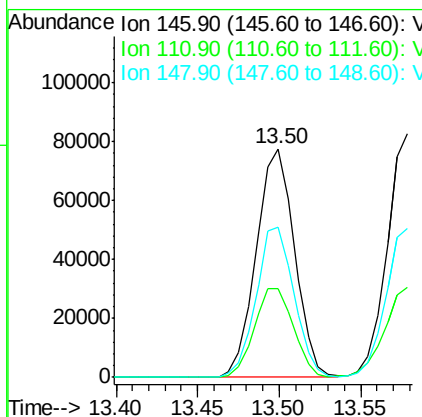
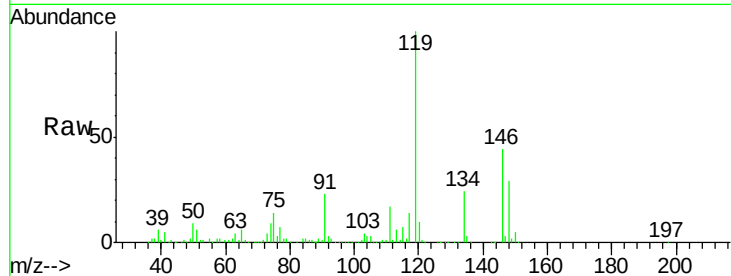
ClientSampleId :

VW0917SBS01

Tot Ion:	146	Resp:	126288
Ion Ratio	Lower	Upper	
146	100		
111	40.1	19.8	59.4
148	65.1	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.686 ug/l

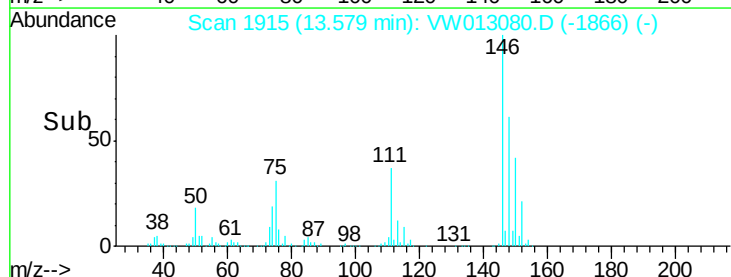
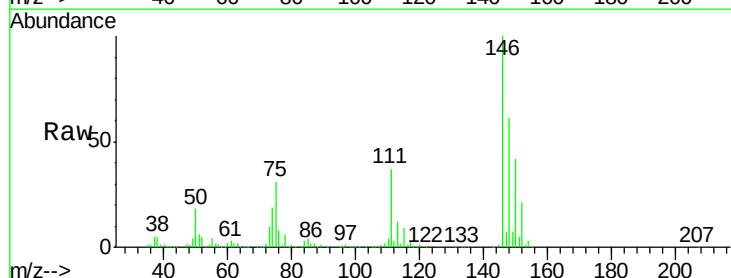
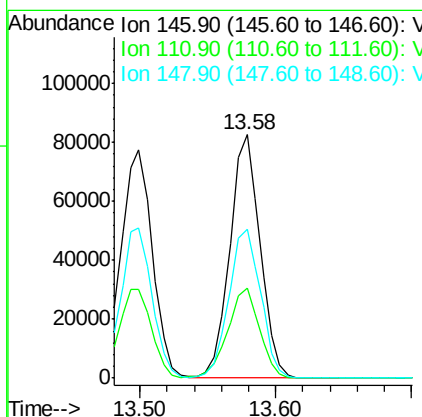
RT: 13.58 min Scan# 1915

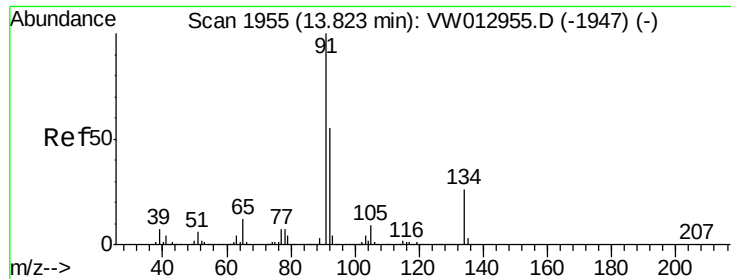
Delta R.T. 0.00 min

Lab File: VW013080.D

Acq: 17 Sep 2019 10:53

Tgt Ion:	146	Resp:	127839
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.4	58.2
148	64.4	31.9	95.5





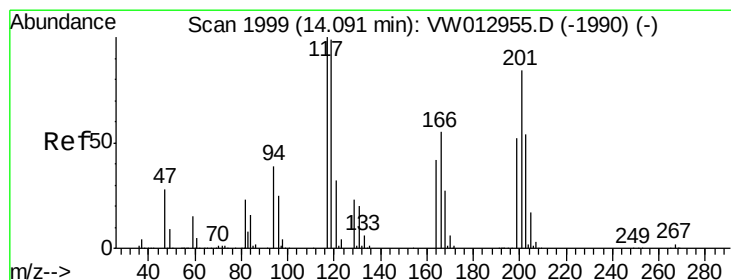
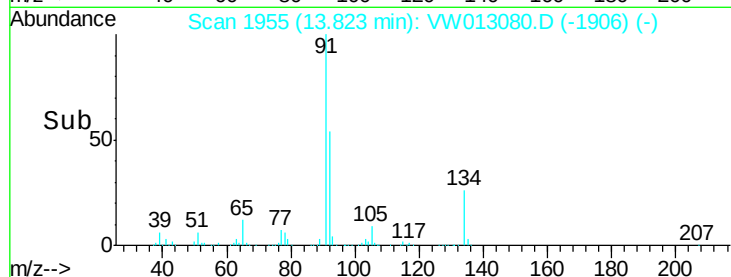
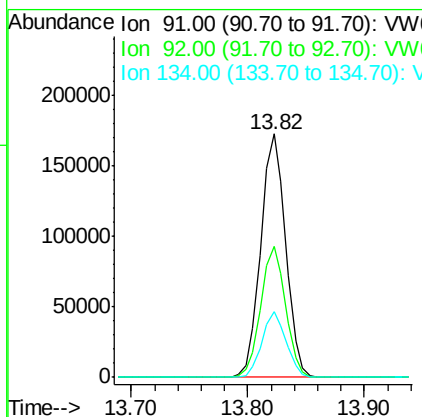
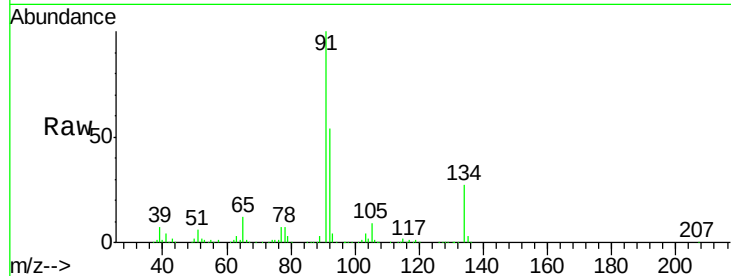
#89
n-Butylbenzene
Concen: 19.766 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	255685		
92	53.9	27.2	81.5	
134	26.1	13.1	39.1	

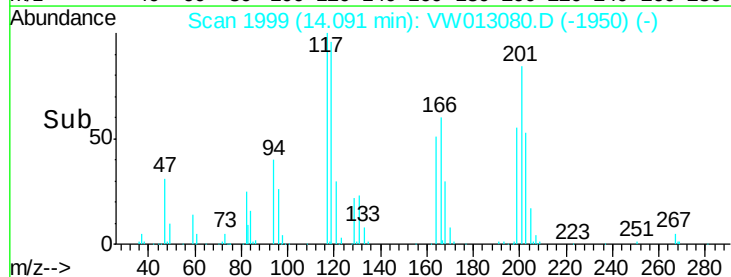
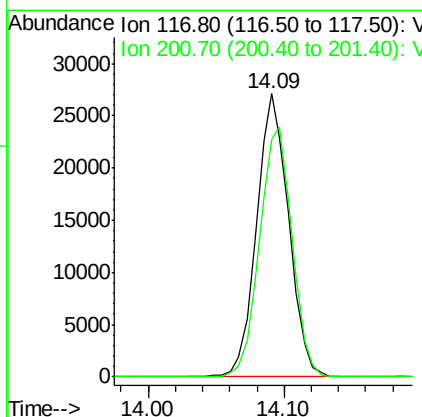
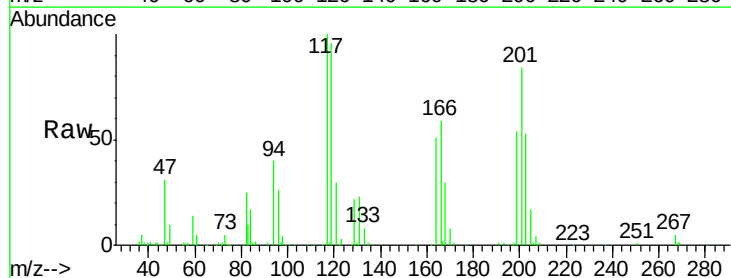
Manual Integrations
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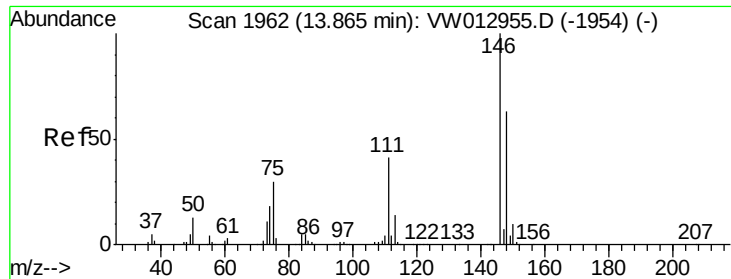
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#90
Hexachloroethane
Concen: 18.215 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44773		
201	89.4	45.3	135.9	





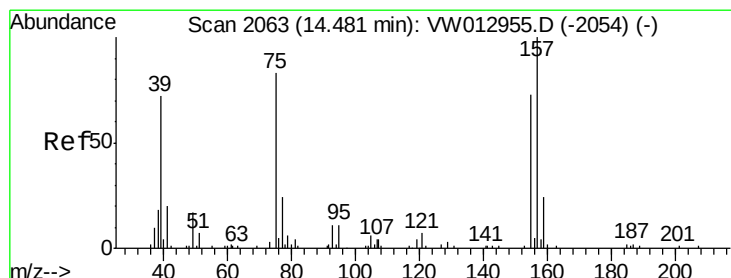
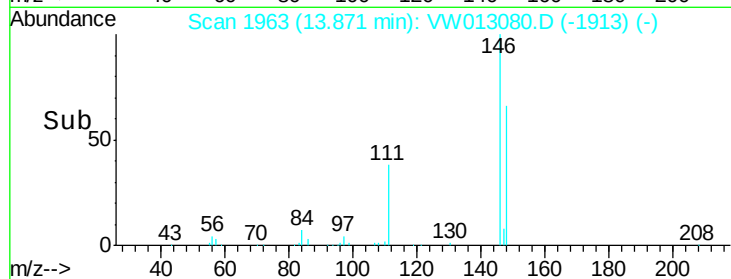
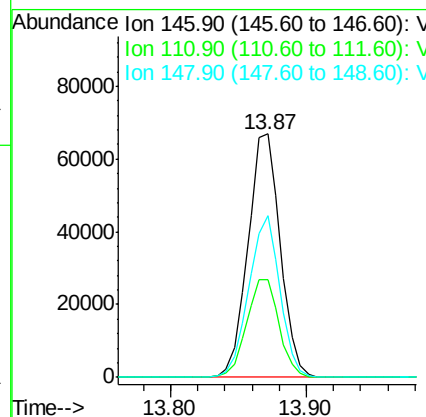
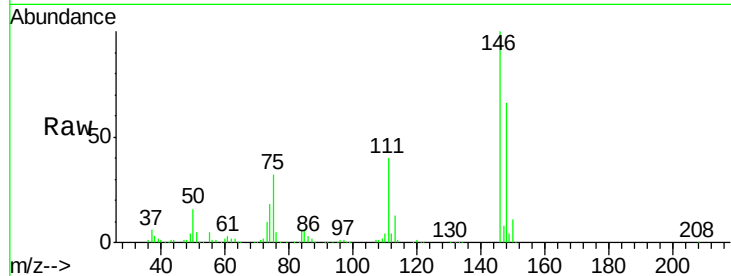
#91
 1,2-Dichlorobenzene
 Concen: 19.157 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	111330		
111	40.3	20.8	62.5	
148	63.9	32.7	98.1	

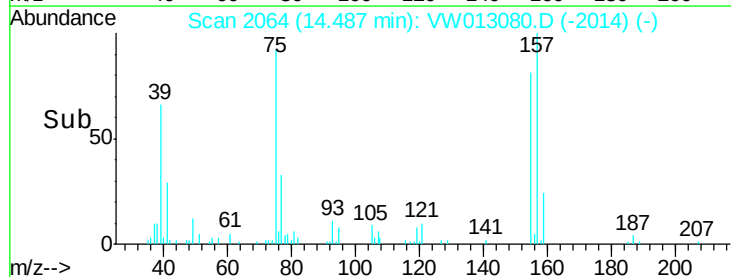
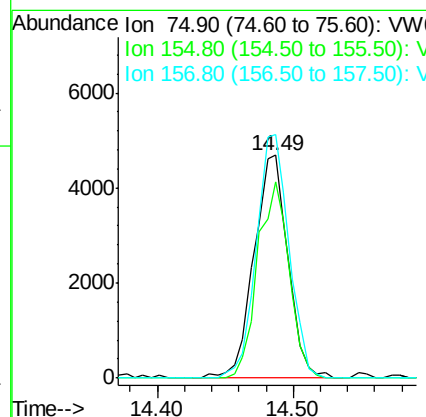
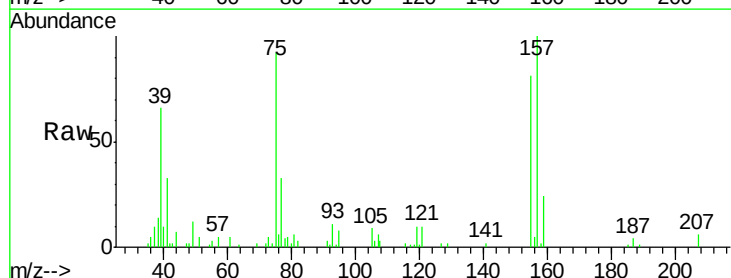
Manual Integrations
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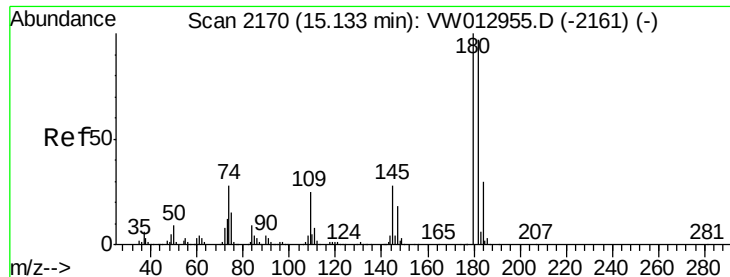
MMDadoda
 9/19/2019 1:27:21 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.656 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8225		
155	81.4	43.3	129.9	
157	104.8	54.7	164.1	





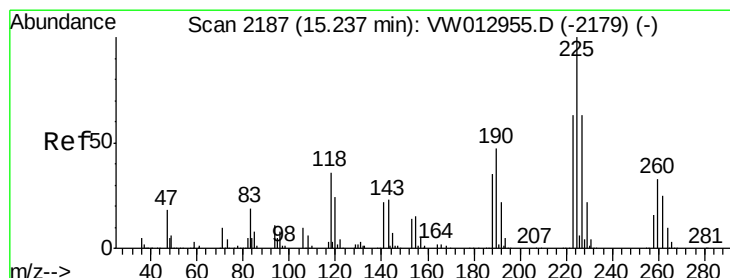
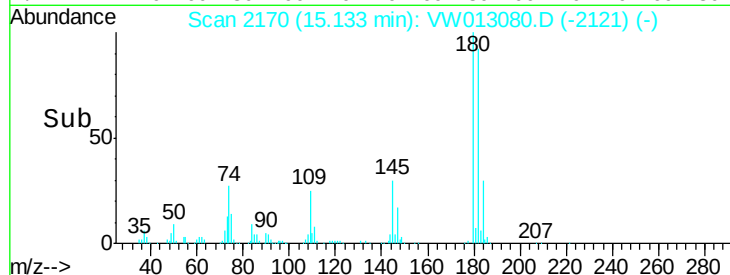
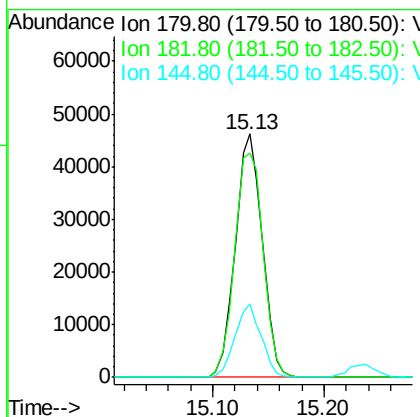
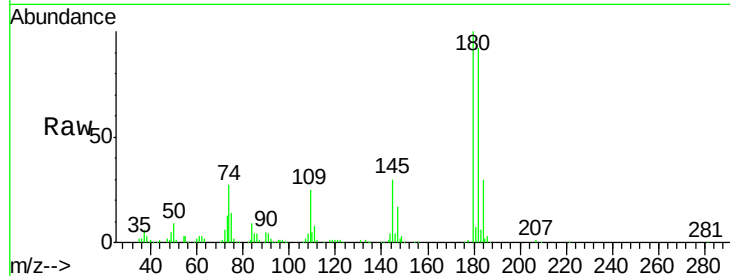
#93
 1,2,4-Trichlorobenzene
 Concen: 18.671 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	77380		
182	97.6		47.4	142.2
145	29.4		14.9	44.7

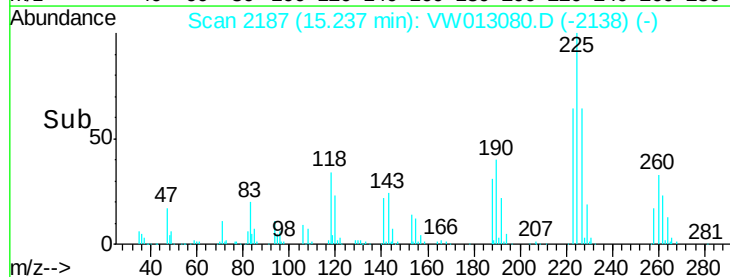
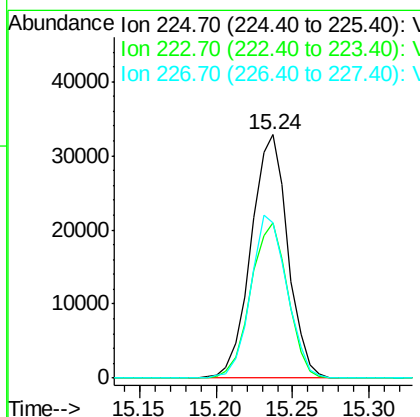
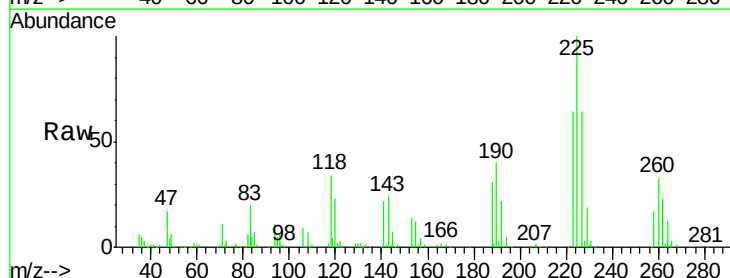
Manual Integrations
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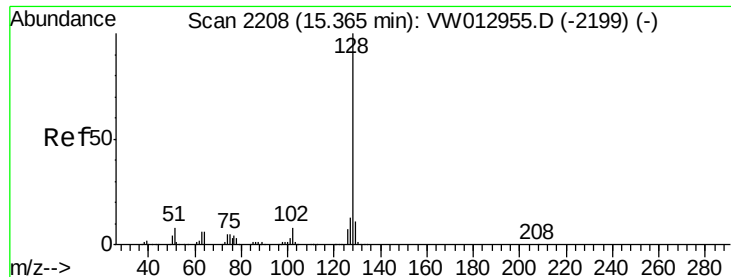
MMDadoda
 9/19/2019 1:27:21 AM



#94
 Hexachlorobutadiene
 Concen: 18.710 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013080.D
 Acq: 17 Sep 2019 10:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54893		
223	64.1		31.8	95.3
227	66.1		31.3	93.8





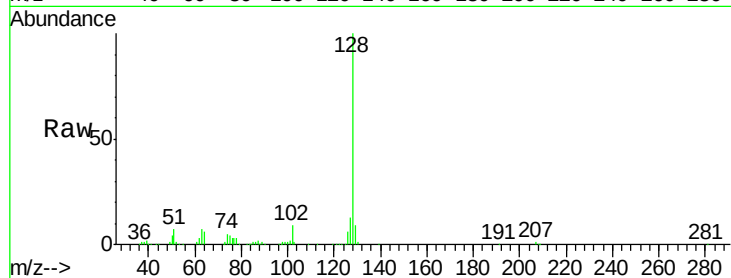
#95
Naphthalene
Concen: 17.945 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Instrument :
MSVOA_W
ClientSampleId :
VW0917SBS01

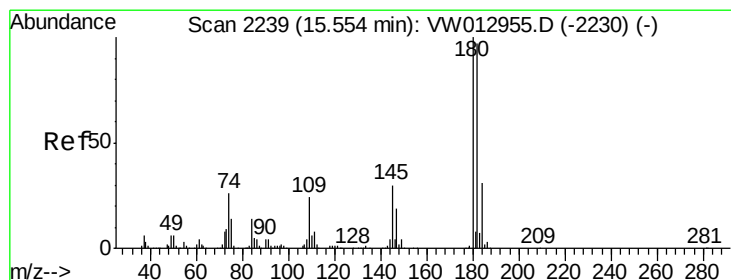
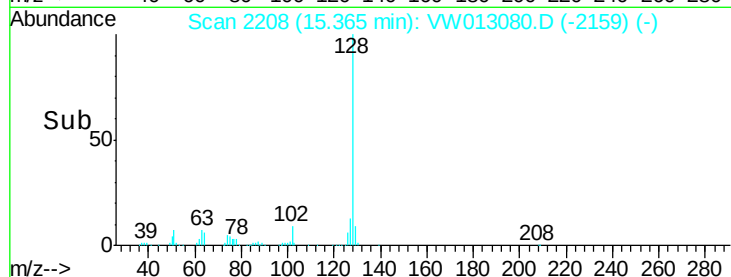
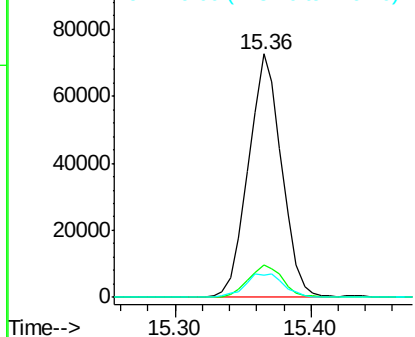
Tot Ion:	128	Resp:	124266
Ion Ratio	Lower	Upper	
128	100		
127	13.9	11.0	16.6
129	11.3	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
9/19/2019 1:27:21 AM

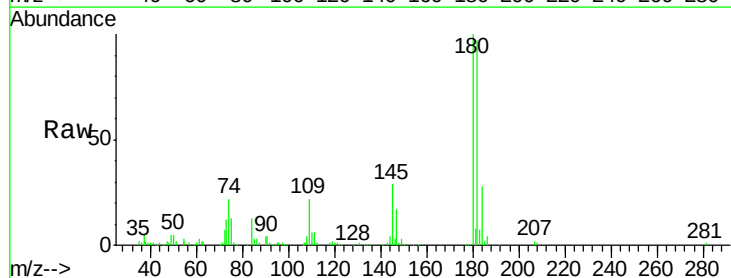


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 18.117 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.01 min
Lab File: VW013080.D
Acq: 17 Sep 2019 10:53

Tgt Ion:	180	Resp:	66374
Ion Ratio	Lower	Upper	
180	100		
182	98.3	47.6	142.8
145	30.8	15.4	46.2



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

