

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091619\
 Data File : VW013069.D
 Acq On : 17 Sep 2019 04:56
 Operator : SY/VA
 Sample : K4851-03MSD
 Misc : 5.97G/5ML/MSVOA W/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 2:01:34 PM

Quant Time: Sep 17 09:17:10 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	288036	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	469384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	407524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	190123	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146415	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
35) Dibromofluoromethane	7.88	113	120438	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
50) Toluene-d8	10.32	98	506853	50.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.72%	
62) 4-Bromofluorobenzene	12.62	95	173416	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	57545	52.412	ug/l	98
3) Chloromethane	2.21	50	83169	61.080	ug/l	98
4) Vinyl Chloride	2.36	62	105595	51.218	ug/l	97
5) Bromomethane	2.78	94	62970	50.015	ug/l	98
6) Chloroethane	2.92	64	69349	54.845	ug/l	96
7) Trichlorofluoromethane	3.25	101	59706	41.413	ug/l	100
8) Diethyl Ether	3.68	74	65027	57.764	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	110847	50.693	ug/l	99
10) Methyl Iodide	4.27	142	153717	56.172	ug/l	97
11) Tert butyl alcohol	5.18	59	48886	274.314	ug/l	98
12) 1,1-Dichloroethene	4.04	96	106781	53.708	ug/l	94
13) Acrolein	3.92	56	224	Below Cal	#	14
14) Allyl chloride	4.67	41	205602	54.472	ug/l	94
15) Acrylonitrile	5.37	53	171916	299.003	ug/l	99
16) Acetone	4.12	43	180281	317.604	ug/l	98
17) Carbon Disulfide	4.38	76	202348	51.071	ug/l	98
18) Methyl Acetate	4.67	43	233291	153.928	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	243656	62.084	ug/l	95
20) Methylene Chloride	4.92	84	132574	63.039	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	115533	54.256	ug/l	95
22) Diisopropyl ether	6.31	45	479222	61.116	ug/l	93
23) Vinyl Acetate	6.31	43	252189	53.699	ug/l	# 76
24) 1,1-Dichloroethane	6.21	63	262261	58.010	ug/l	99
25) 2-Butanone	7.17	43	250197	295.781	ug/l	100
26) 2,2-Dichloropropane	7.17	77	131236	45.336	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	146454	57.447	ug/l	96
28) Bromochloromethane	7.51	49	122214	64.226	ug/l	98
29) Tetrahydrofuran	7.52	42	152771	316.972	ug/l	97
30) Chloroform	7.67	83	264297	57.535	ug/l	96
31) Cyclohexane	7.95	56	192037	57.198	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	201502	53.266	ug/l	98
36) 1,1-Dichloropropene	8.08	75	177845	47.415	ug/l	99
37) Ethyl Acetate	7.25	43	55716	27.986	ug/l	# 83
38) Carbon Tetrachloride	8.07	117	175707	45.713	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	188098	45.765	ug/l	99
40) Benzene	8.32	78	537258	51.310	ug/l	100
41) Methacrylonitrile	7.48	41	67283	51.319	ug/l	98
42) 1,2-Dichloroethane	8.40	62	172229	49.067	ug/l	99
43) Isopropyl Acetate	8.42	43	132878	34.762	ug/l	94
44) Trichloroethene	9.09	130	183645	64.031	ug/l	93
45) 1,2-Dichloropropane	9.37	63	148292	53.305	ug/l	100
46) Dibromomethane	9.46	93	69146	51.879	ug/l	98
47) Bromodichloromethane	9.64	83	192752	51.557	ug/l	99
48) Methyl methacrylate	9.43	41	107753	60.064	ug/l	96
49) 1,4-Dioxane	9.46	88	21261	951.983	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	549106	278.241	ug/l	99
52) Toluene	10.38	92	339665	51.049	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	183981	48.931	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	215028	49.982	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	108437	53.406	ug/l	98
56) Ethyl methacrylate	10.65	69	126447	46.266	ug/l	98
57) 1,3-Dichloropropane	10.93	76	194115	53.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	404015	275.576	ug/l	99
59) 2-Hexanone	10.96	43	380278	276.734	ug/l	100
60) Dibromochloromethane	11.13	129	127450	51.919	ug/l	98
61) 1,2-Dibromoethane	11.23	107	97169	52.460	ug/l	99
64) Tetrachloroethene	10.86	164	220411	90.914	ug/l	97
65) Chlorobenzene	11.66	112	367198	50.586	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	142097	51.082	ug/l	99
67) Ethyl Benzene	11.73	91	677074	50.504	ug/l	99
68) m/p-Xylenes	11.83	106	489472	99.943	ug/l	99
69) o-Xylene	12.16	106	232077	50.545	ug/l	98
70) Styrene	12.18	104	419598	51.372	ug/l	99
71) Bromoform	12.35	173	73633	50.393	ug/l	98
73) Isopropylbenzene	12.46	105	665042	52.773	ug/l	100
74) N-amyl acetate	12.27	43	53541	16.516	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	84580	38.213	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	99775m	59.913	ug/l	
77) Bromobenzene	12.74	156	154445	53.199	ug/l	99
78) n-propylbenzene	12.80	91	762034	51.407	ug/l	100
79) 2-Chlorotoluene	12.89	91	445922	52.329	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	546258	51.238	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34066	46.404	ug/l	97
82) 4-Chlorotoluene	12.99	91	456007	50.718	ug/l	99
83) tert-Butylbenzene	13.21	119	490357	51.421	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	547594	51.979	ug/l	98
85) sec-Butylbenzene	13.38	105	662940	51.026	ug/l	99
86) p-Isopropyltoluene	13.49	119	600328	50.327	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	290378	50.526	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	286751	50.774	ug/l	99
89) n-Butylbenzene	13.82	91	535392	47.592	ug/l	99
90) Hexachloroethane	14.09	117	109819	51.374	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	267535	52.936	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21381	52.774	ug/l	99

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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	183209	50.830	ug/l	99
94) Hexachlorobutadiene	15.23	225	114656	44.935	ug/l	98
95) Naphthalene	15.36	128	360608	59.878	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	166028	52.109	ug/l	99

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

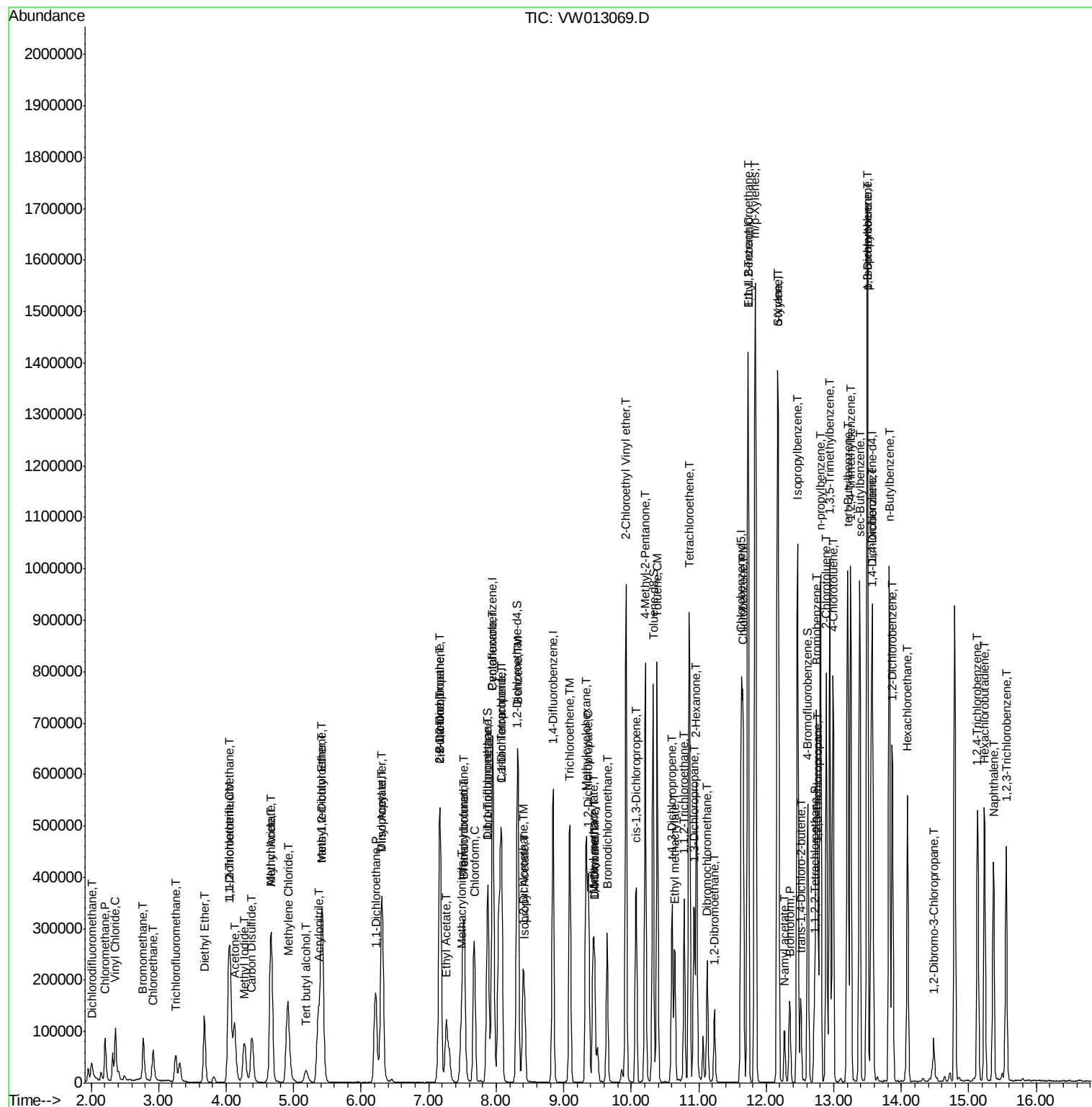
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Data File : VW013069.D
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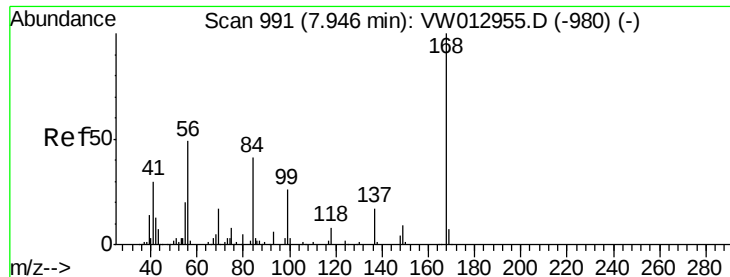
Instrument :
MSVOA_W
ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion:168 Resp: 288036

Ion Ratio Lower Upper

168 100

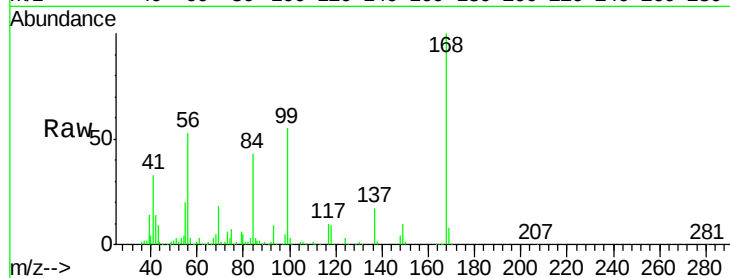
99 54.6 46.2 69.2

Manual Integrations

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9/18/2019 2:01:34 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

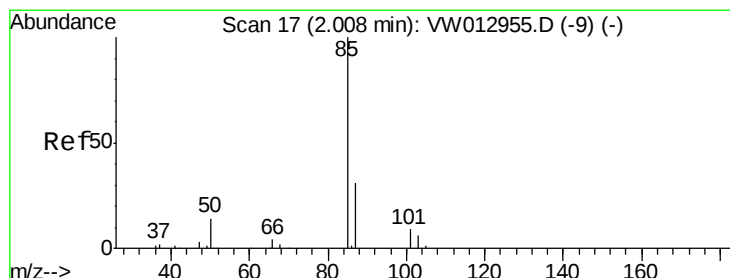
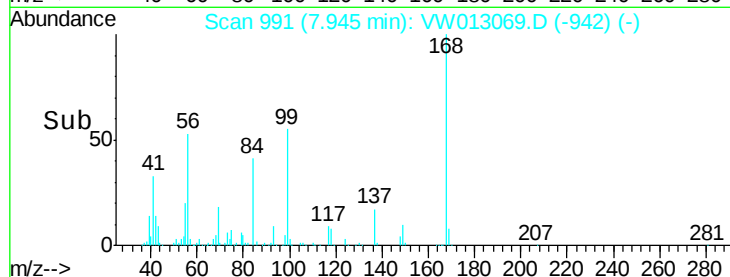
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50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 52.412 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013069.D

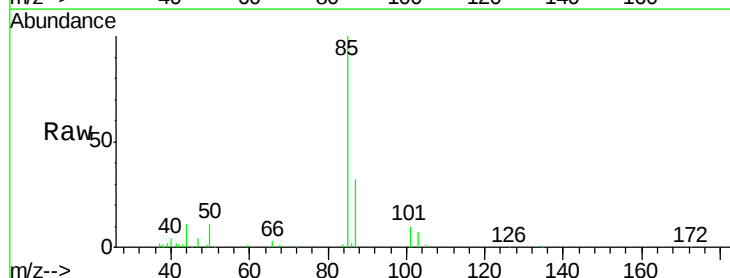
Acq: 17 Sep 2019 04:56

Tgt Ion: 85 Resp: 57545

Ion Ratio Lower Upper

85 100

87 32.1 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

20000

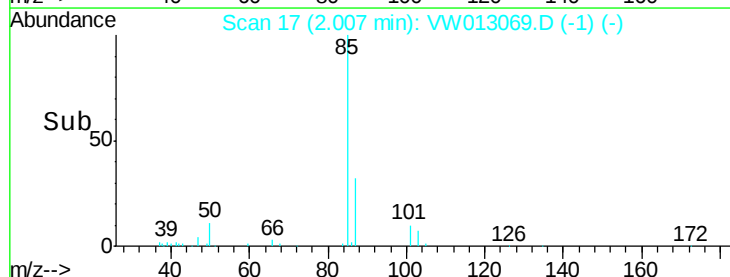
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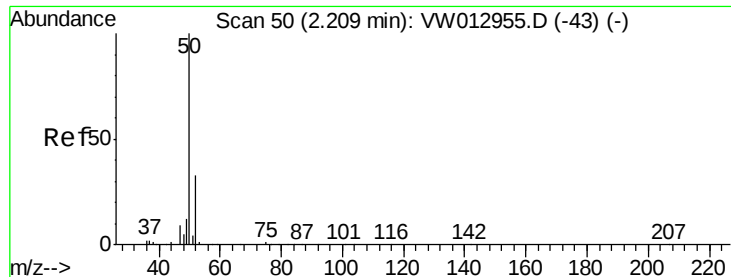
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Time-->





#3

Chloromethane

Concen: 61.080 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion: 50 Resp: 83169

Ion Ratio Lower Upper

50 100

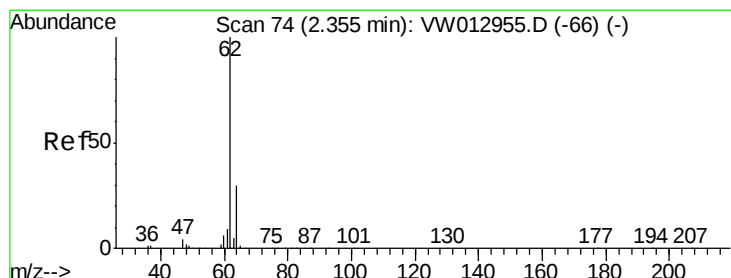
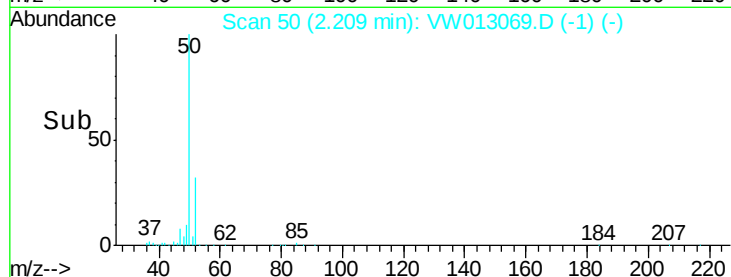
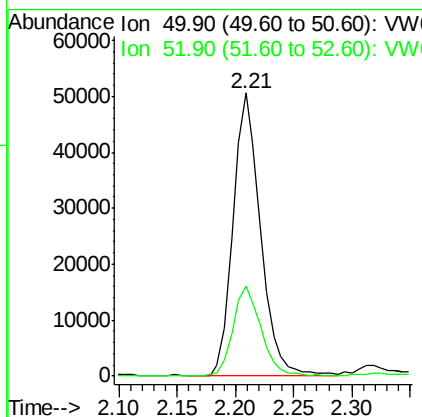
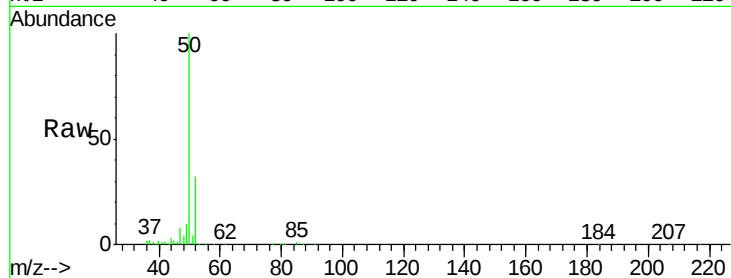
52 32.0 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.218 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.01 min

Lab File: VW013069.D

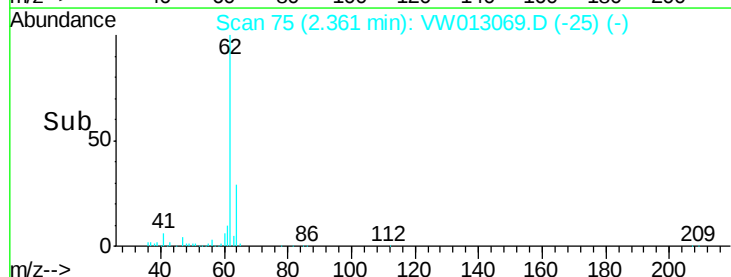
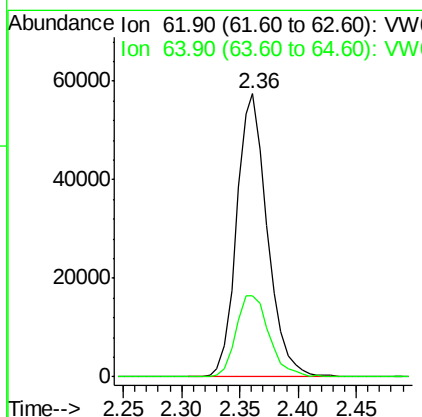
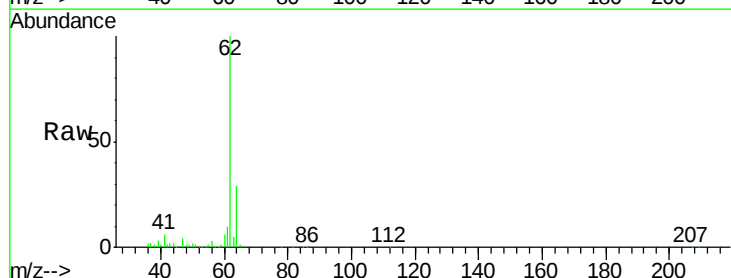
Acq: 17 Sep 2019 04:56

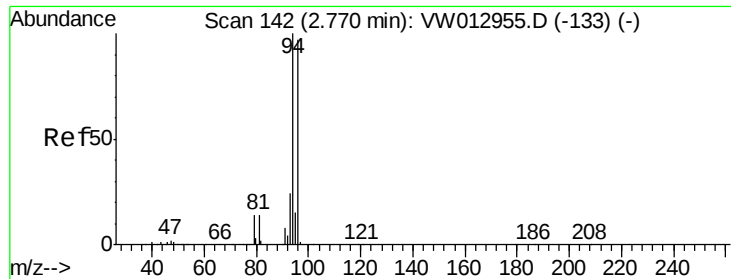
Tgt Ion: 62 Resp: 105595

Ion Ratio Lower Upper

62 100

64 28.6 24.2 36.4





#5

Bromomethane

Concen: 50.015 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 62970

Ion Ratio Lower Upper

94 100

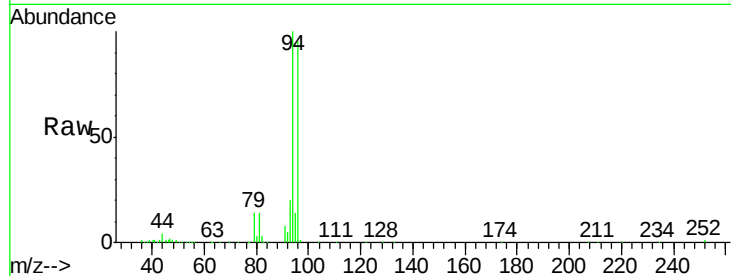
96 95.3 77.8 116.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.78

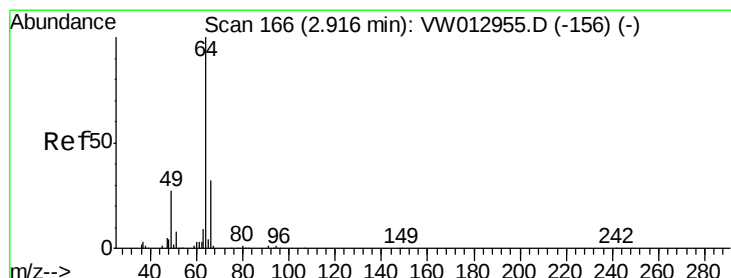
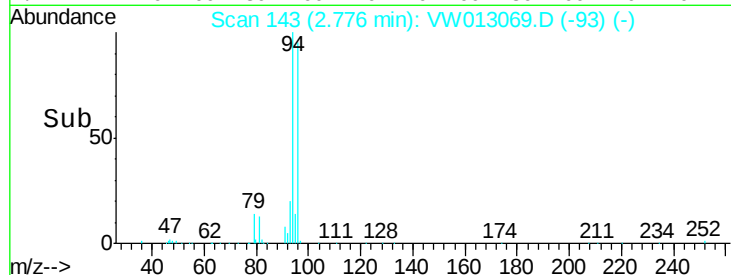
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20000

10000

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Time-->



#6

Chloroethane

Concen: 54.845 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW013069.D

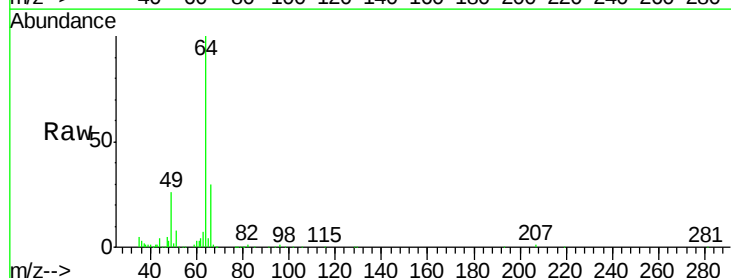
Acq: 17 Sep 2019 04:56

Tgt Ion: 64 Resp: 69349

Ion Ratio Lower Upper

64 100

66 30.4 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

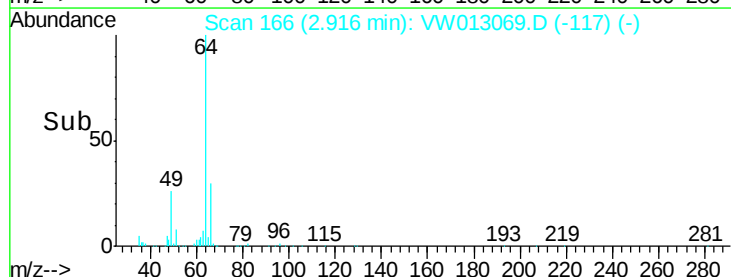
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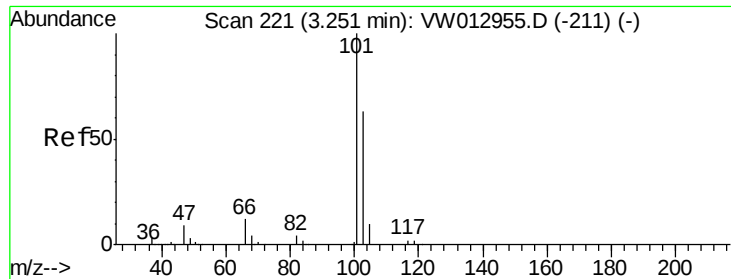
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Time-->





#7

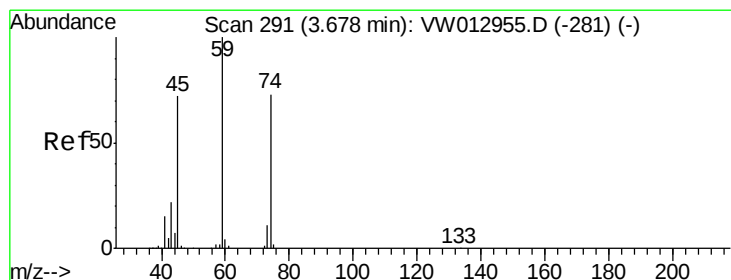
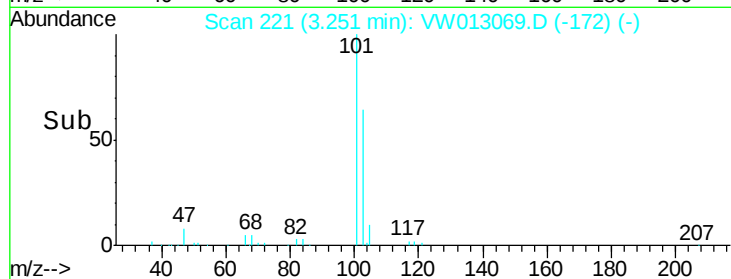
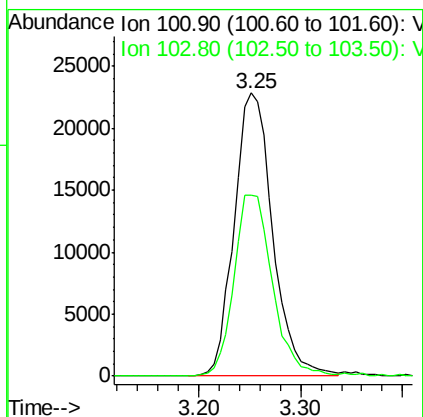
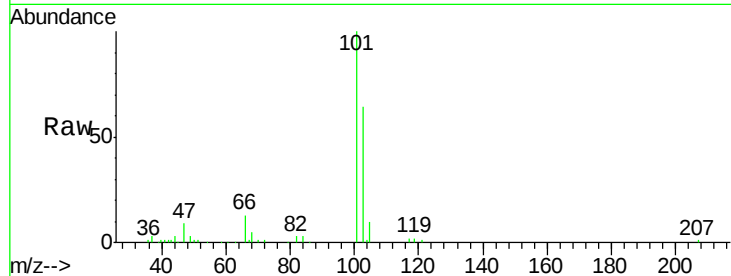
Trichlorofluoromethane
 Concen: 41.413 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.7	76.1

Manual Integrations
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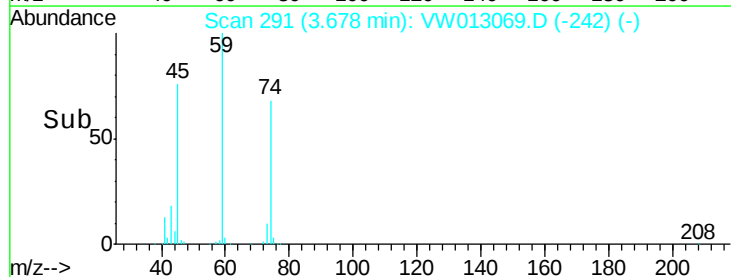
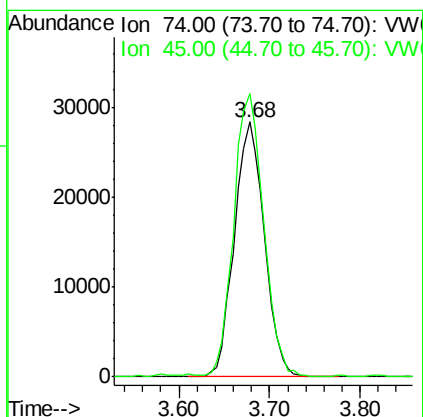
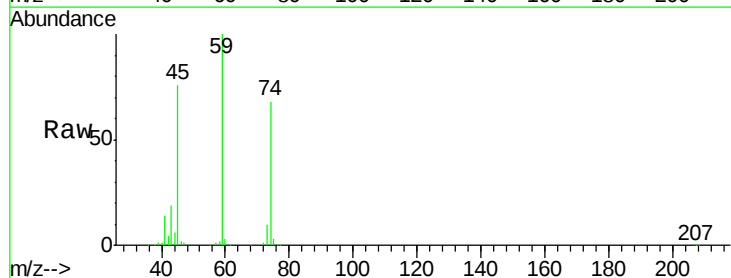
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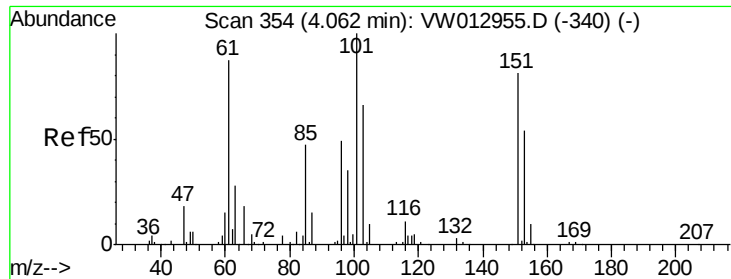


#8

Diethyl Ether
 Concen: 57.764 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.8	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.693 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013069.D

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MSVOA_W

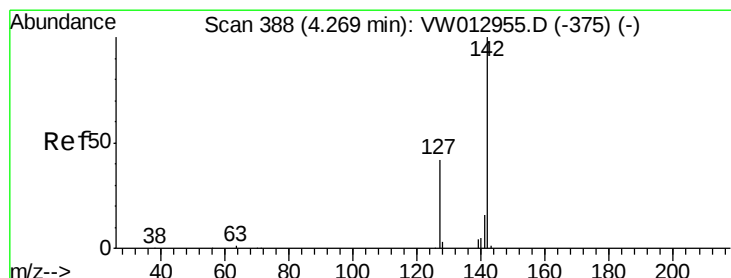
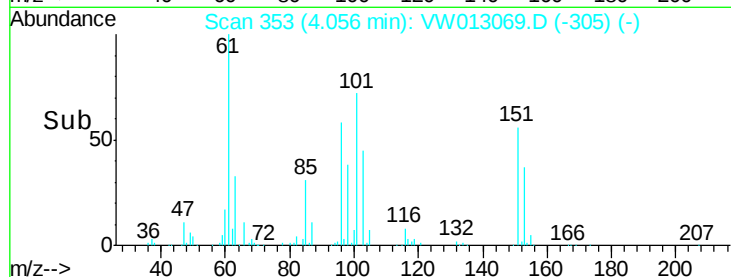
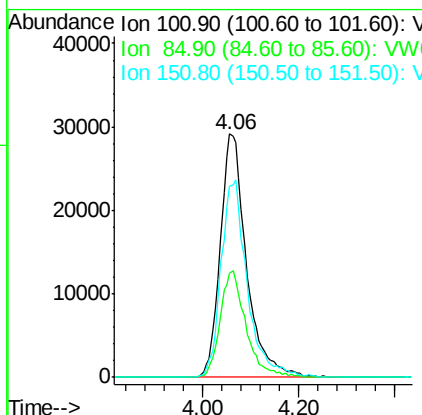
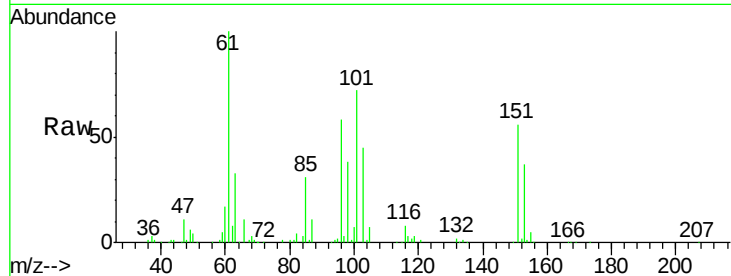
ClientSampleId :

SB-3C-(9)MSD

Tot Ion:	101	Resp:	110847
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.9	52.3
151	81.2	66.0	99.0

Manual Integrations
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MMDadoda
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#10

Methyl Iodide

Concen: 56.172 ug/l

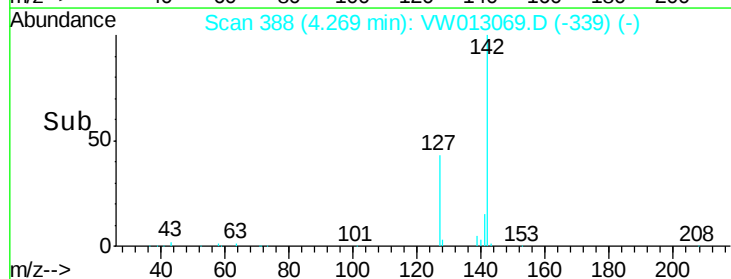
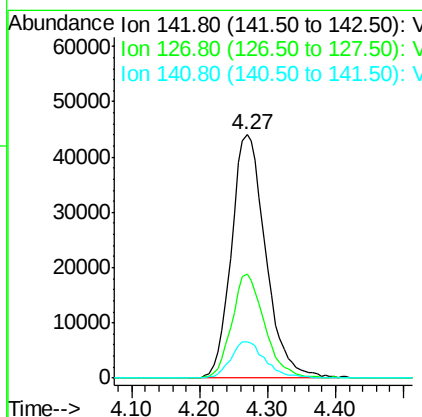
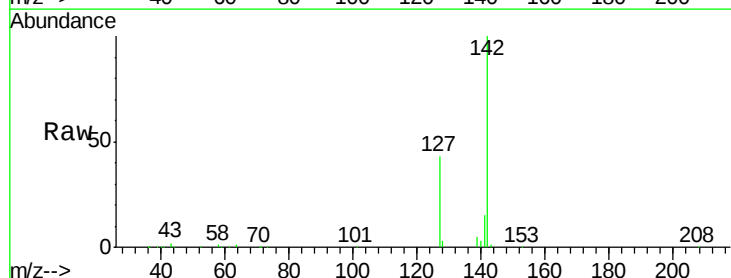
RT: 4.27 min Scan# 388

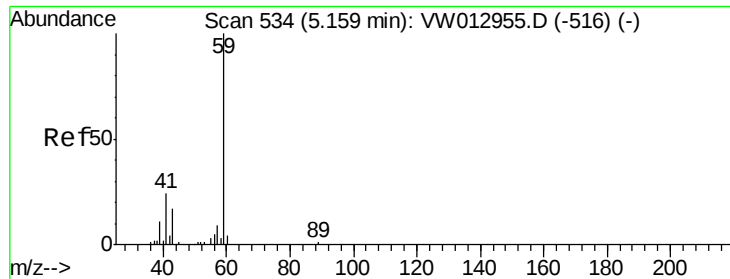
Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion:	142	Resp:	153717
Ion Ratio	Lower	Upper	
142	100		
127	40.9	34.7	52.1
141	15.0	12.2	18.2





#11

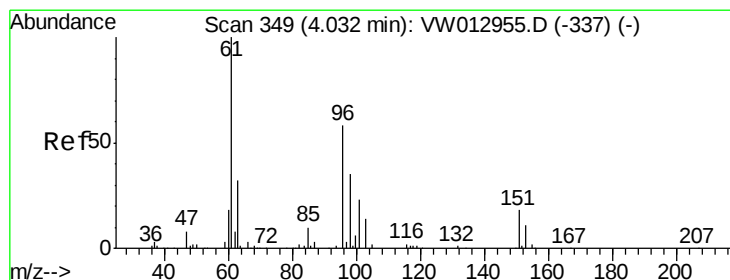
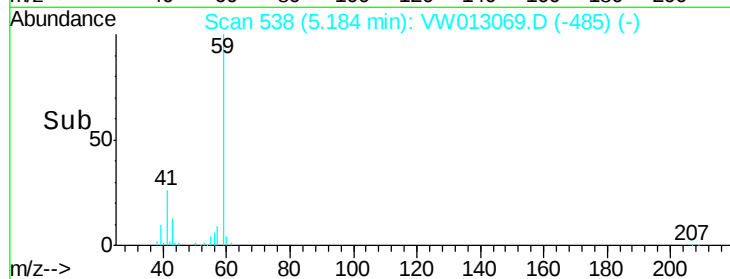
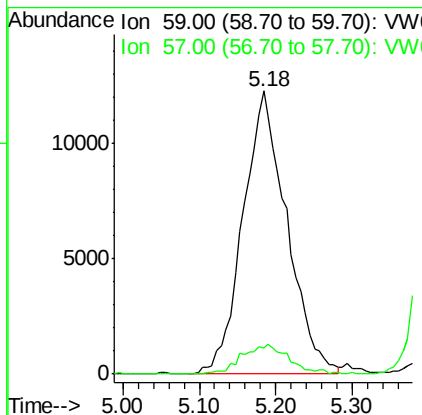
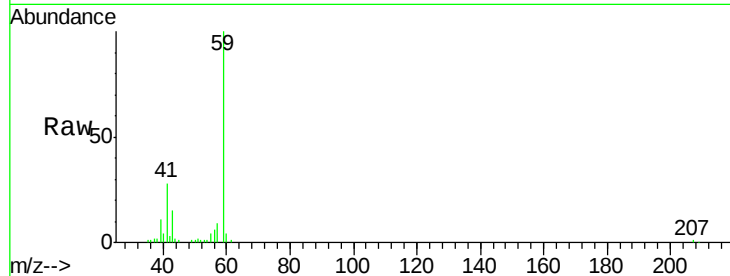
Tert butyl alcohol
Concen: 274.314 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.02 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.5	12.7

Manual Integrations
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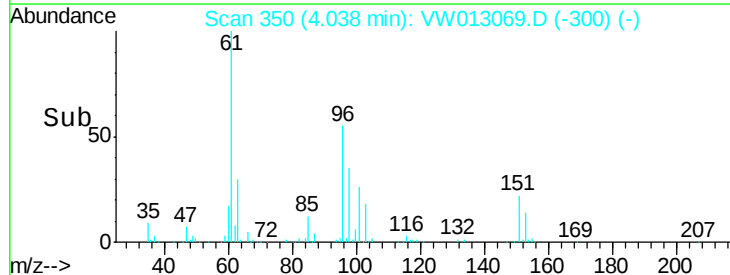
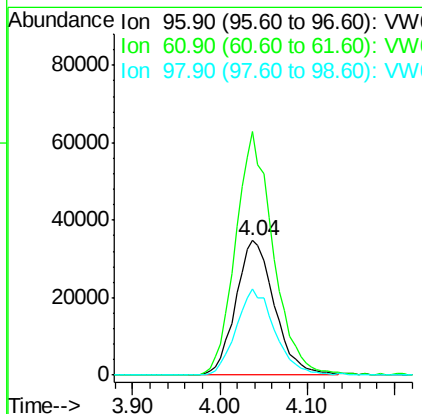
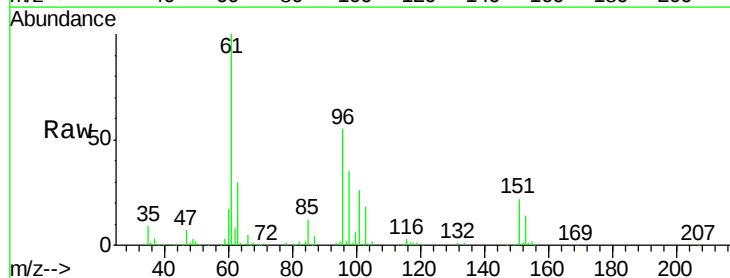
MMDadoda
9/18/2019 2:01:34 PM

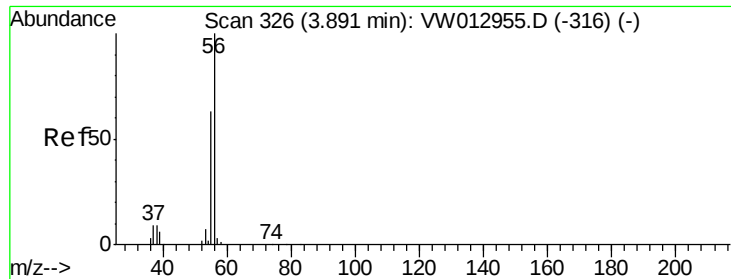


#12

1,1-Dichloroethene
Concen: 53.708 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.3	137.9	206.9
98	64.3	48.9	73.3





#13

Acrolein

Concen: Below Cal

RT: 3.92 min Scan# 330

Delta R.T. 0.02 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampled :

SB-3C-(9)MSD

Tot Ion: 56 Resp: 224

Ion Ratio Lower Upper

56 100

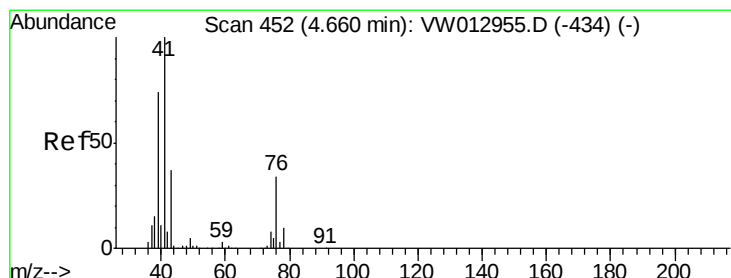
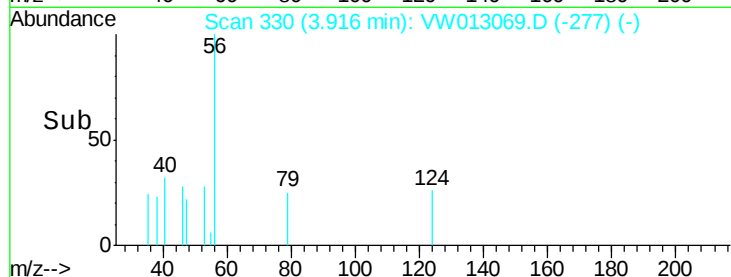
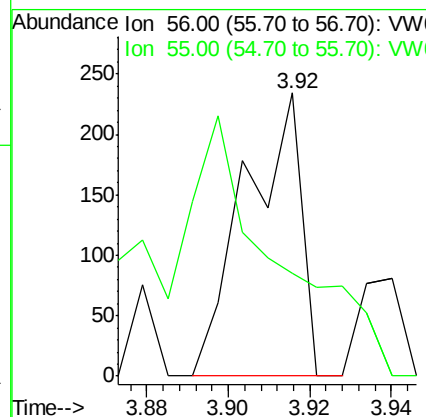
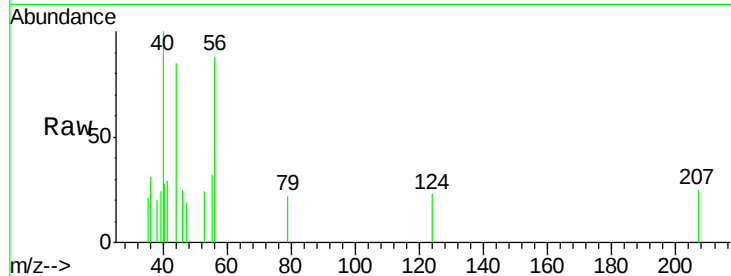
55 140.6 55.8 83.8#

Manual Integrations

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MMDadoda

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#14

Allyl chloride

Concen: 54.472 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

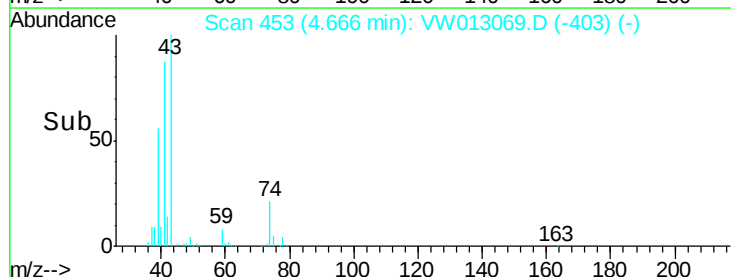
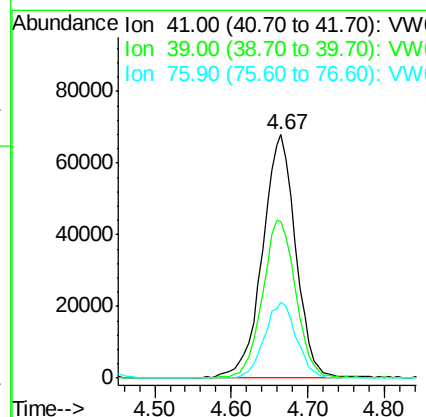
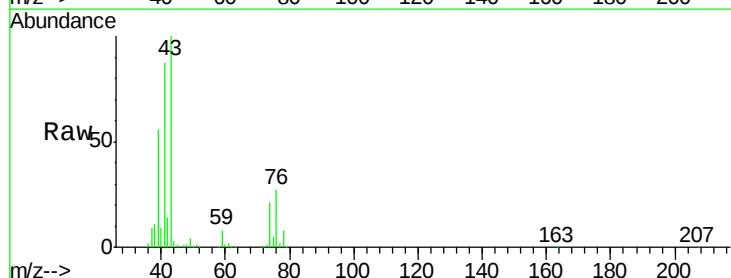
Tgt Ion: 41 Resp: 205602

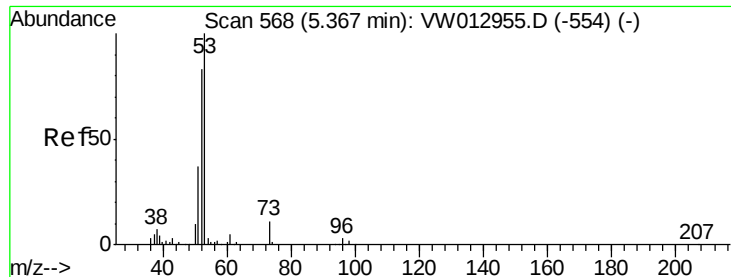
Ion Ratio Lower Upper

41 100

39 64.4 56.7 85.1

76 30.1 25.1 37.7





#15

Acrylonitrile

Concen: 299.003 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

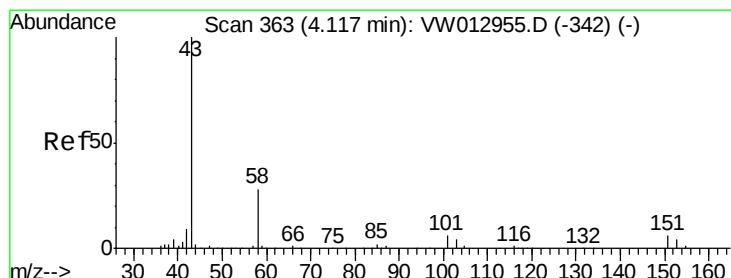
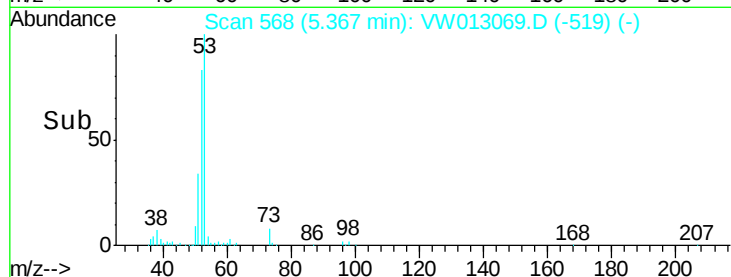
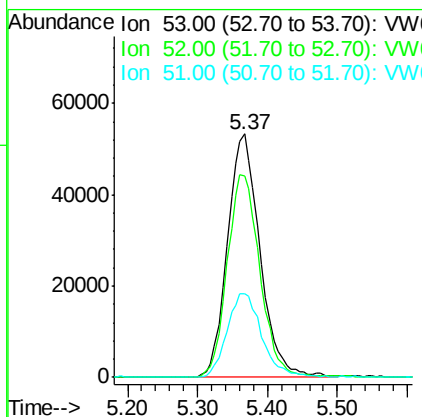
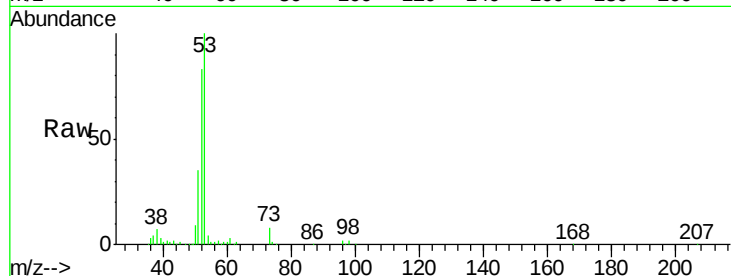
ClientSampleId :

SB-3C-(9)MSD

Tot Ion:	53	Resp:	171916
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.6	100.0
51	36.7	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 317.604 ug/l

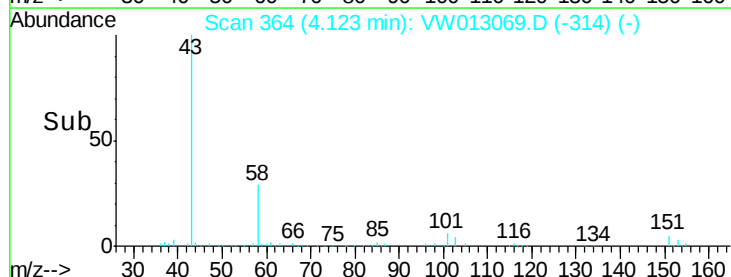
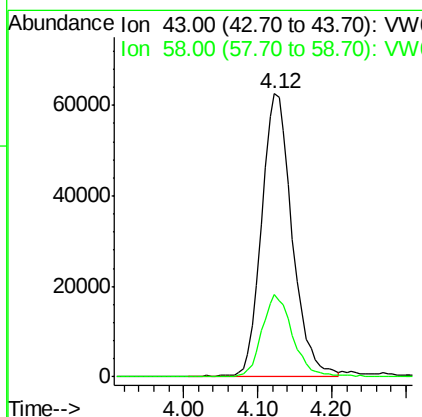
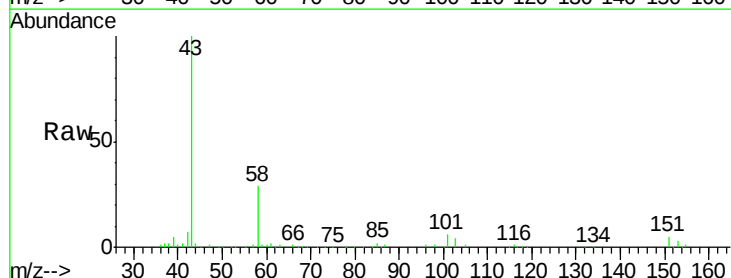
RT: 4.12 min Scan# 364

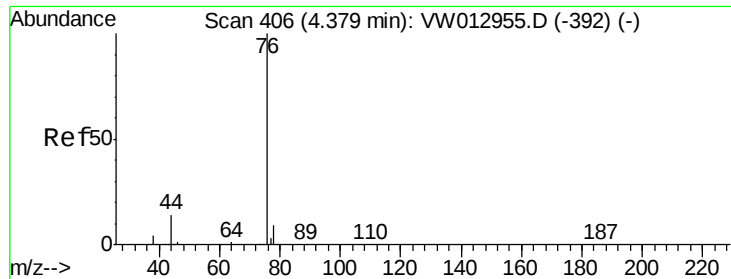
Delta R.T. 0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion:	43	Resp:	180281
Ion Ratio	Lower	Upper	
43	100		
58	29.1	22.3	33.5





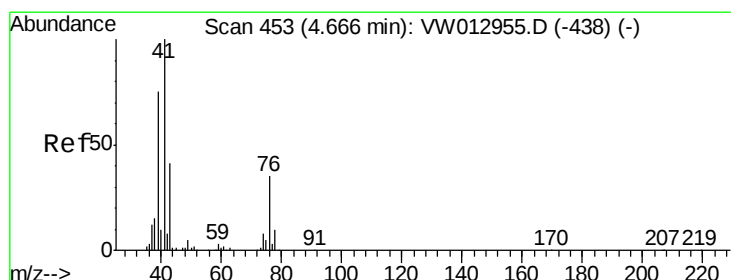
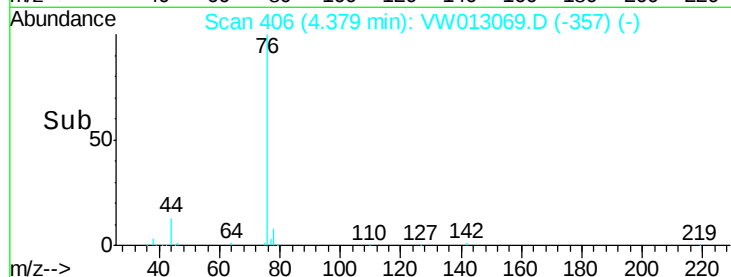
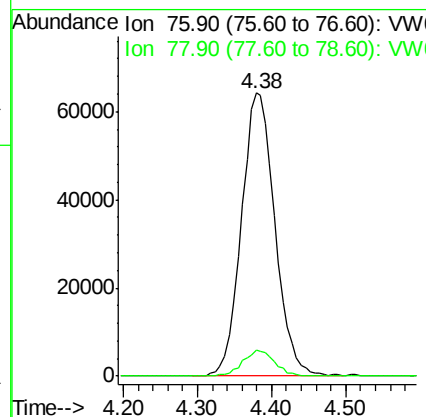
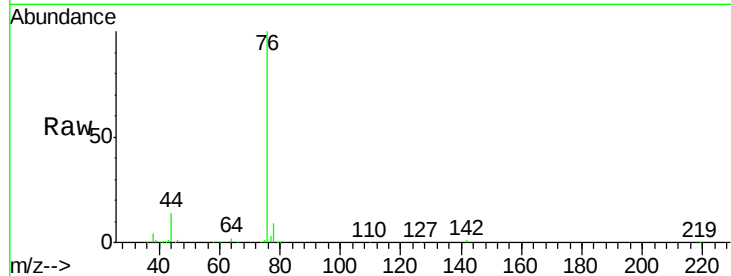
#17
Carbon Disulfide
Concen: 51.071 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.4

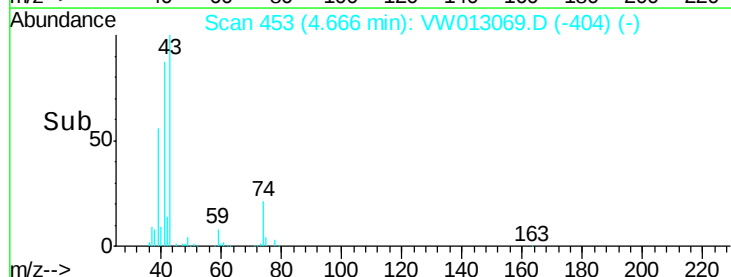
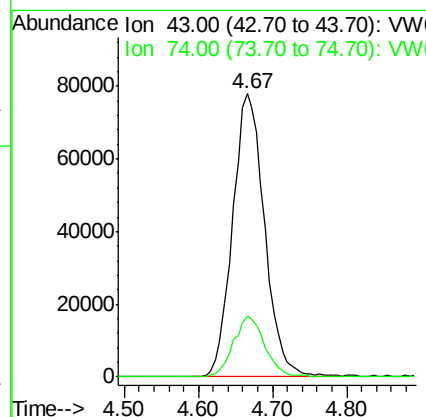
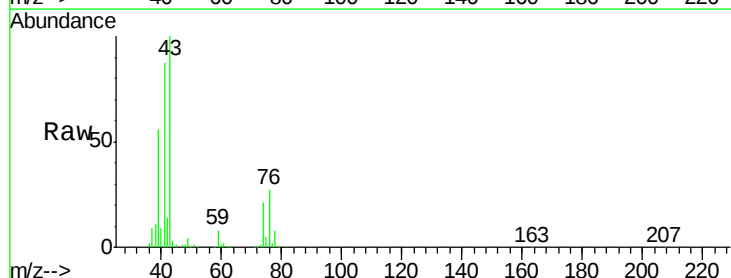
Manual Integrations
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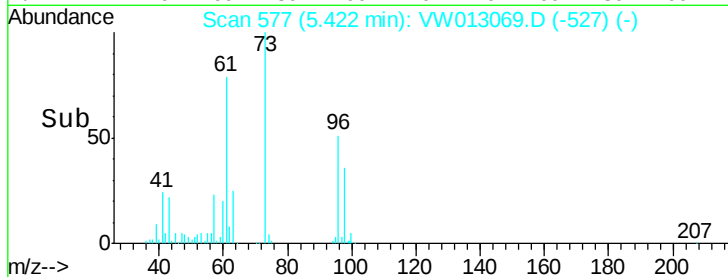
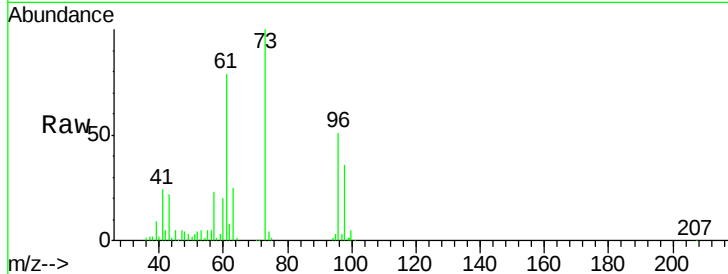
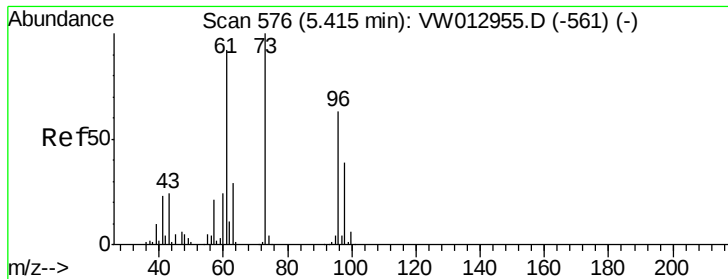
MMDadoda
9/18/2019 2:01:34 PM



#18
Methyl Acetate
Concen: 153.928 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	17.8	26.8





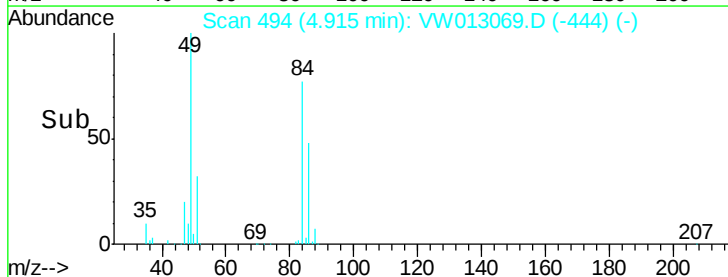
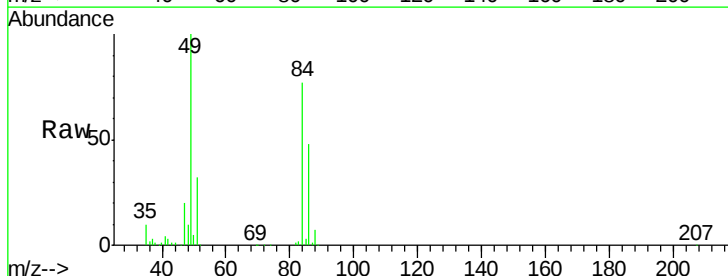
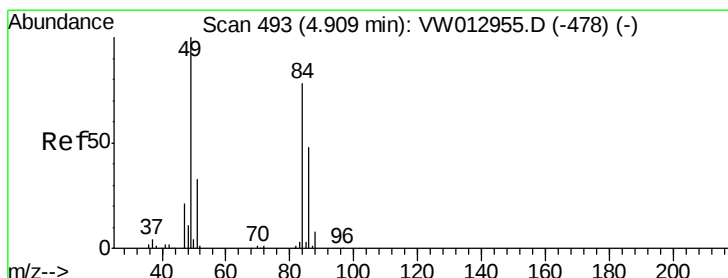
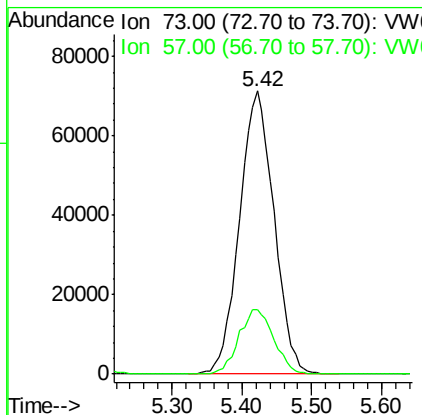
#19
Methvl tert-butvl Ether
Concen: 62.084 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tot Ion: 73 Resp: 243656
Ion Ratio Lower Upper
73 100
57 22.9 16.4 24.6

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

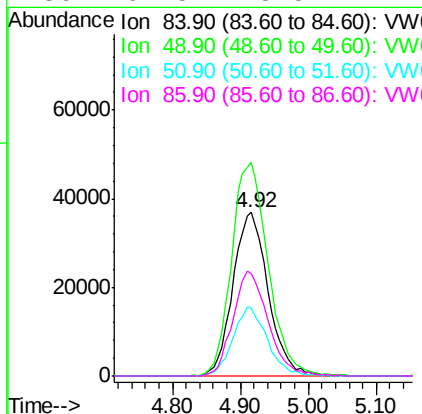
Manual Integrations
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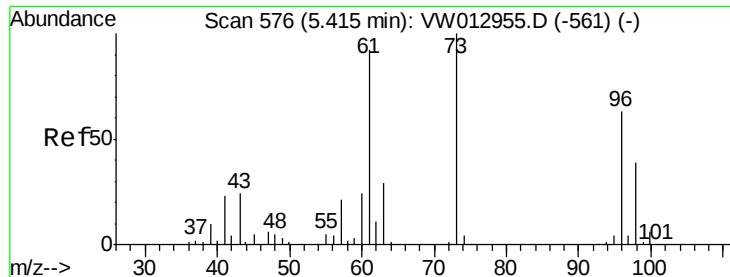
MMDadoda
9/18/2019 2:01:34 PM



#20
Methylene Chloride
Concen: 63.039 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion: 84 Resp: 132574
Ion Ratio Lower Upper
84 100
49 130.4 102.0 153.0
51 41.8 34.0 51.0
86 62.5 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 54.256 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion: 96 Resp: 115533

Ion Ratio Lower Upper

96 100

61 154.5 116.2 174.2

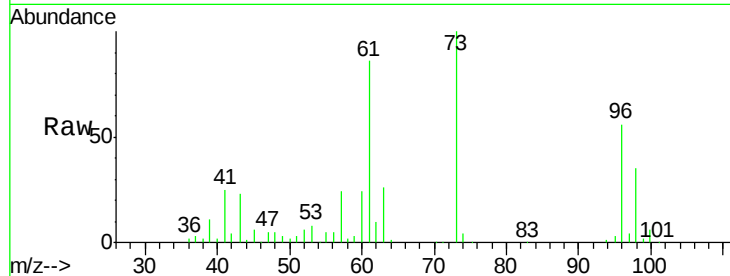
98 62.5 49.8 74.6

Manual Integrations

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MMDadoda

9/18/2019 2:01:34 PM

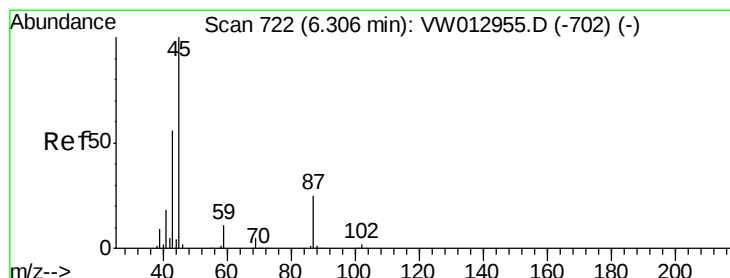
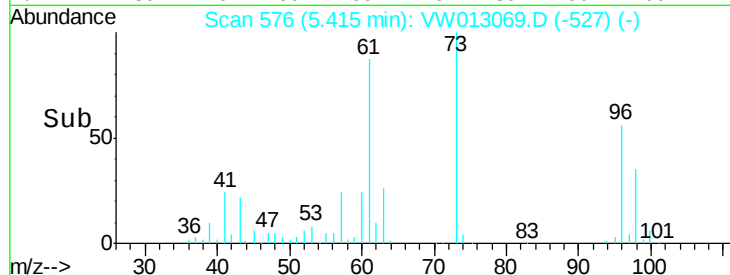
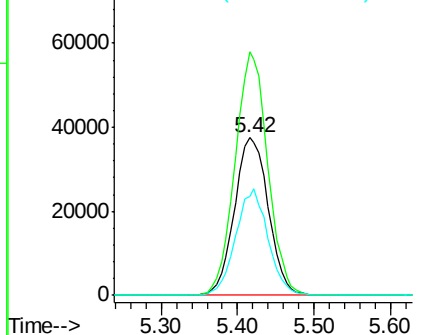


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 61.116 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion: 45 Resp: 479222

Ion Ratio Lower Upper

45 100

43 48.3 44.6 67.0

87 23.2 20.0 30.0

59 10.5 8.7 13.1

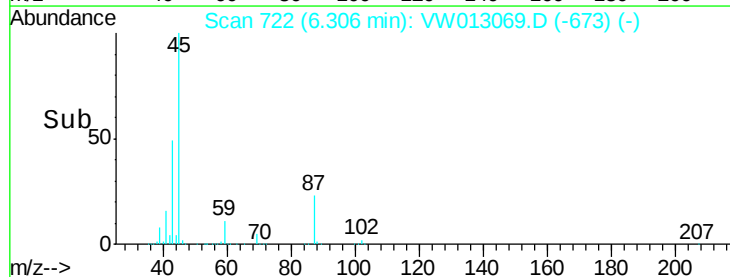
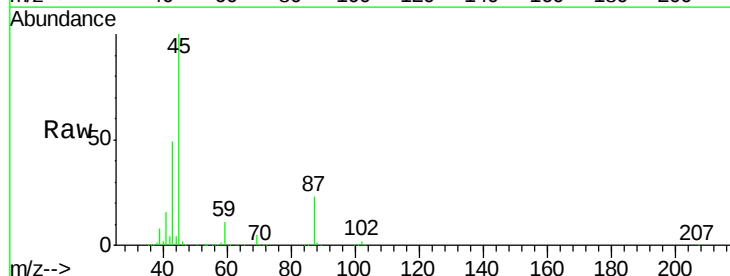
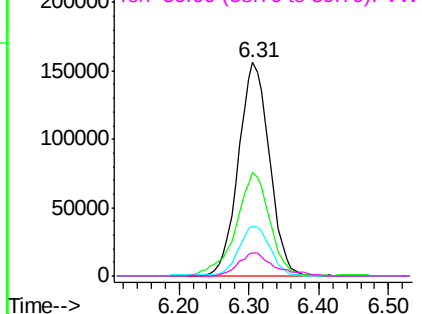
Abundance

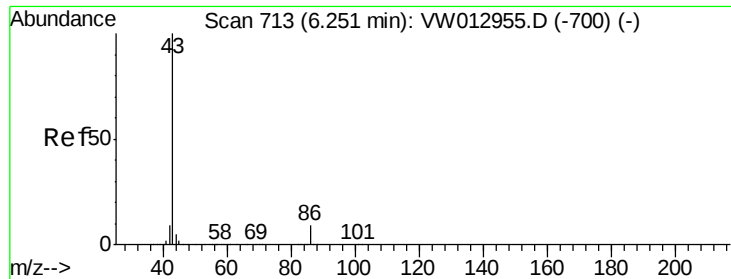
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 53.699 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.05 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion: 43 Resp: 252189

Ion Ratio Lower Upper

43 100

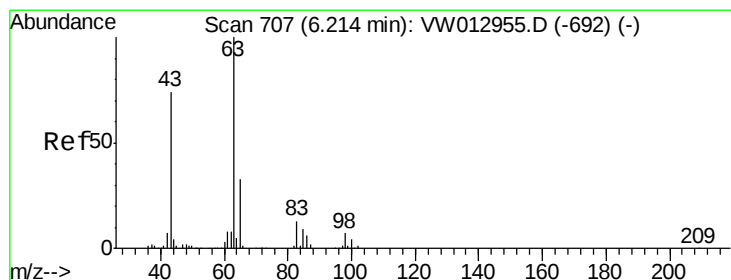
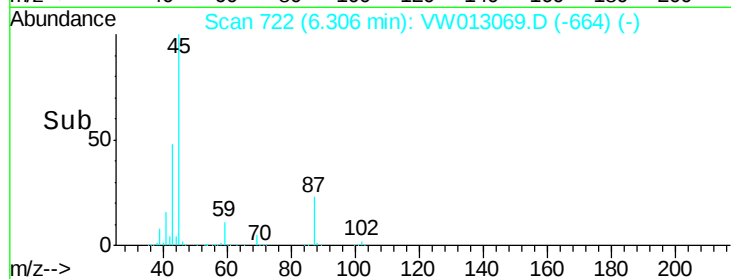
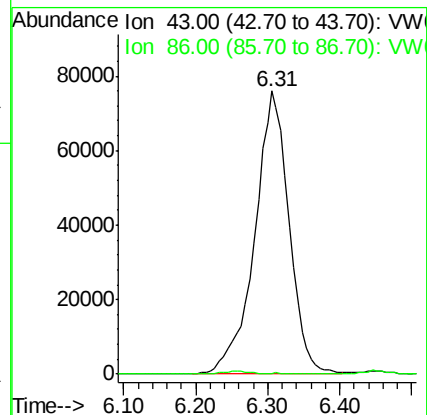
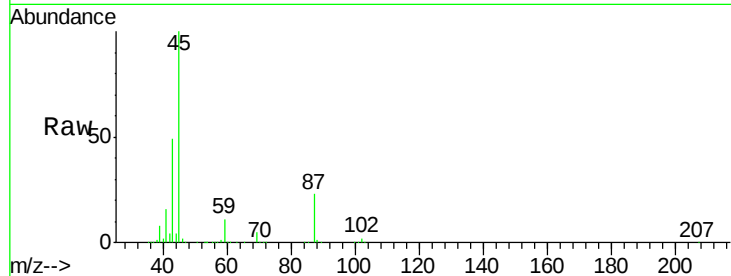
86 0.0 7.0 10.6#

Manual Integrations

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MMDadoda

9/18/2019 2:01:34 PM



#24

1,1-Dichloroethane

Concen: 58.010 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

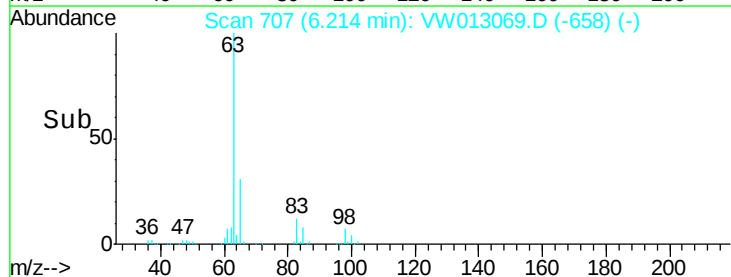
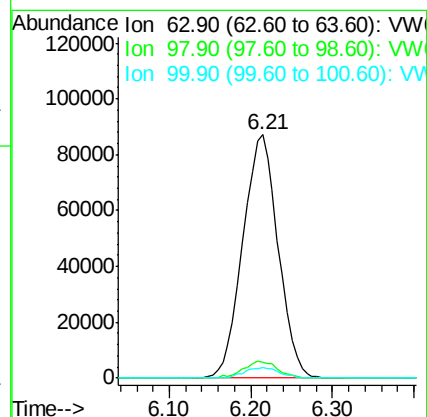
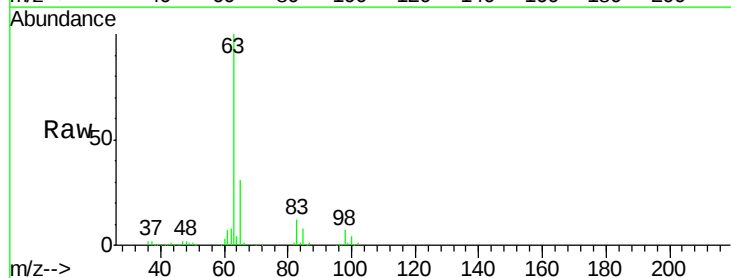
Tgt Ion: 63 Resp: 262261

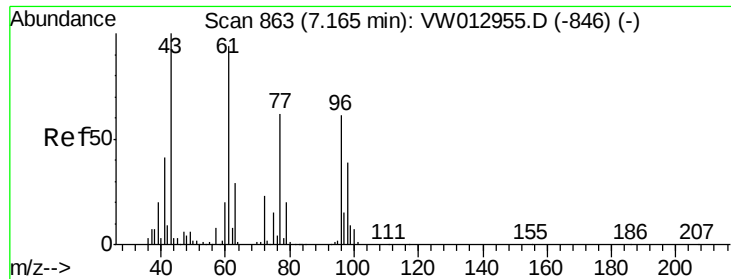
Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.3 1.8 5.5





#25

2-Butanone

Concen: 295.781 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion: 43 Resp: 250197

Ion Ratio Lower Upper

43 100

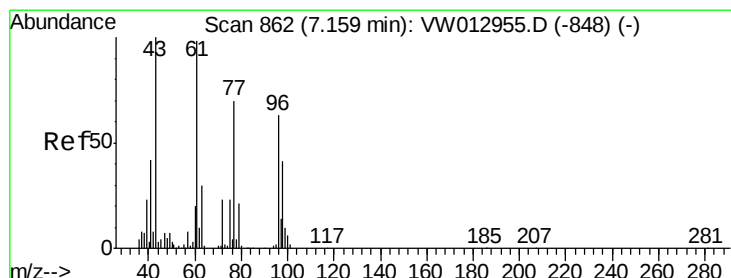
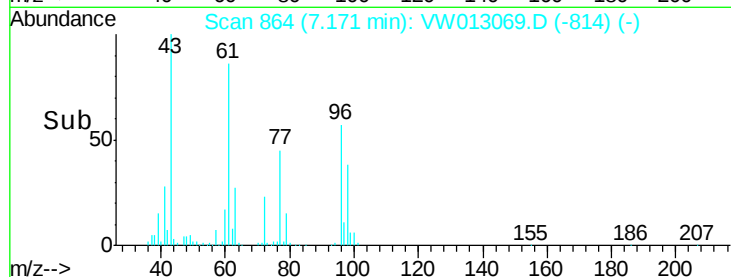
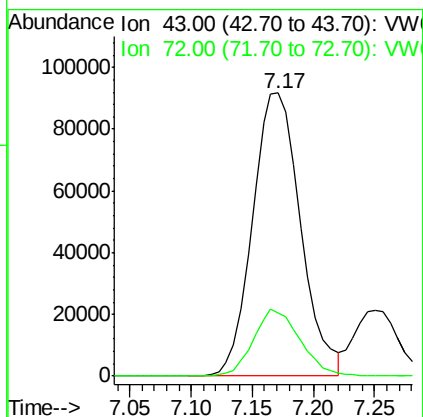
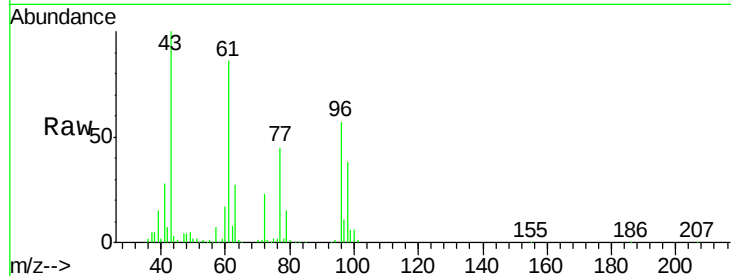
72 22.6 18.2 27.4

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#26

2,2-Dichloropropane

Concen: 45.336 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW013069.D

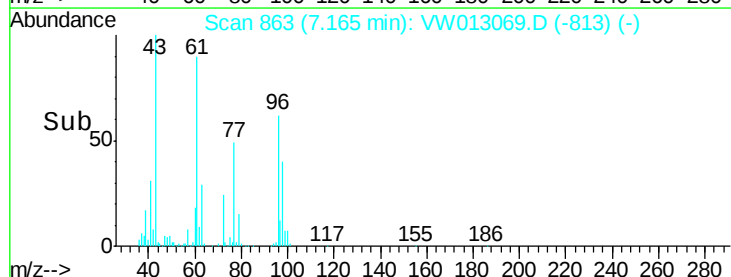
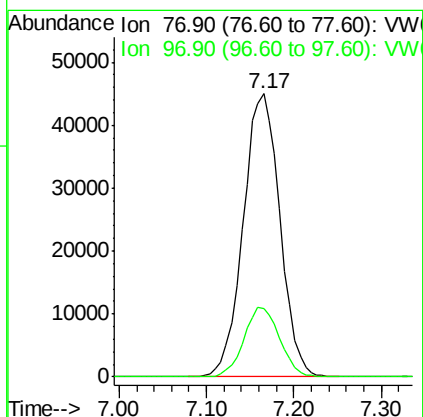
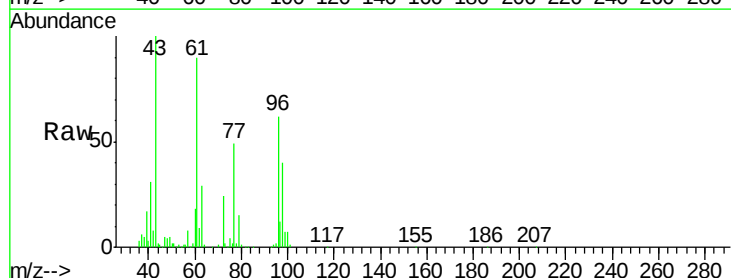
Acq: 17 Sep 2019 04:56

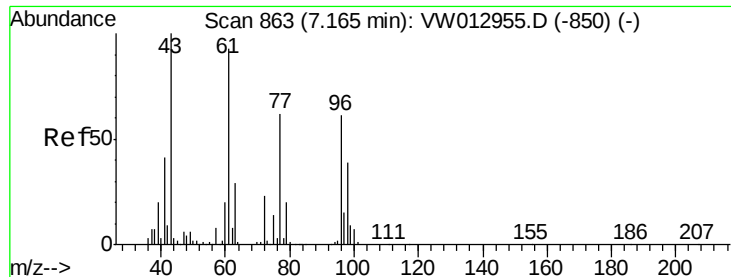
Tgt Ion: 77 Resp: 131236

Ion Ratio Lower Upper

77 100

97 23.9 10.7 32.1





#27

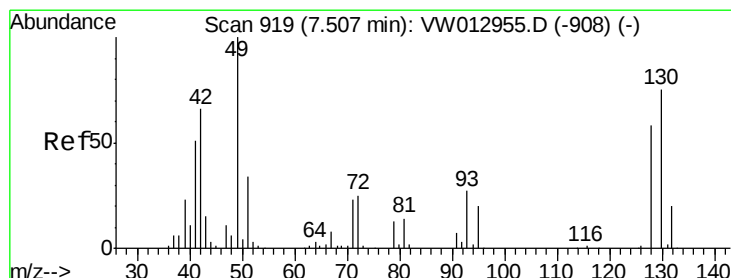
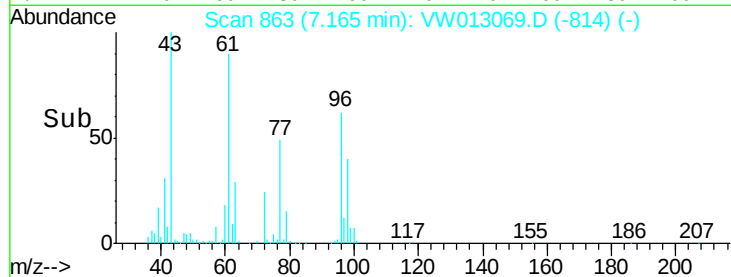
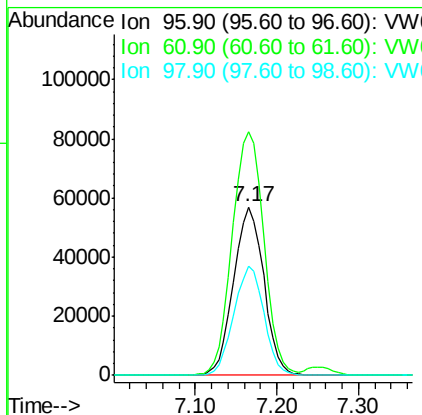
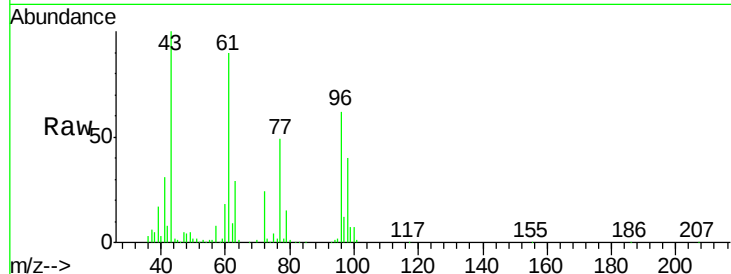
cis-1,2-Dichloroethene
Concen: 57.447 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.0	0.0	315.4
98	64.7	0.0	131.0

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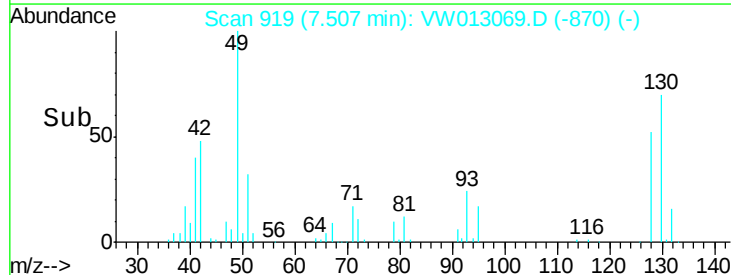
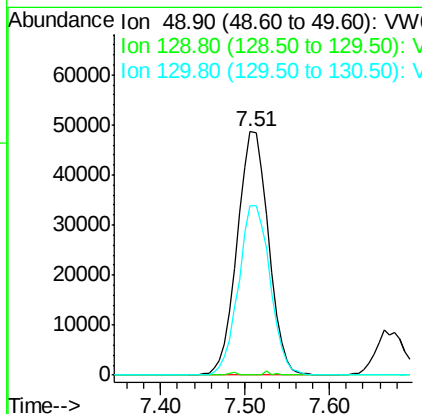
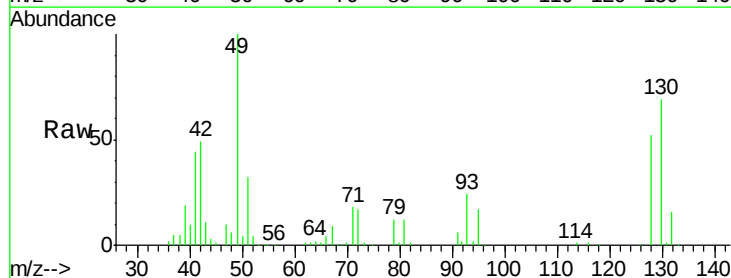
MMDadoda
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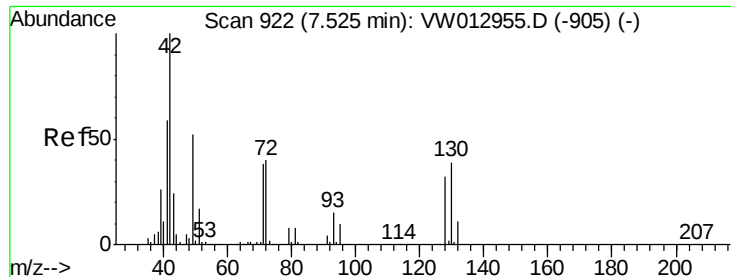


#28

Bromochloromethane
Concen: 64.226 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	1.4
130	70.2	57.8	86.6





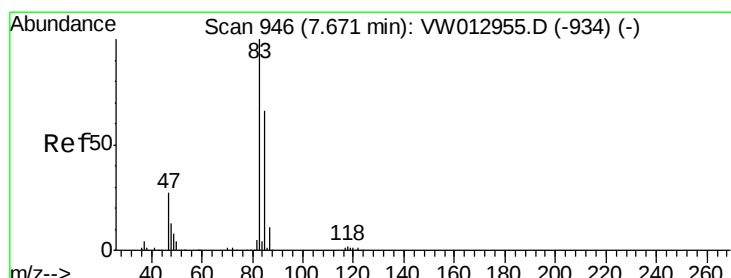
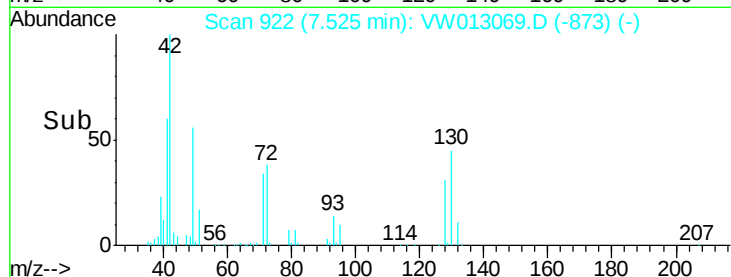
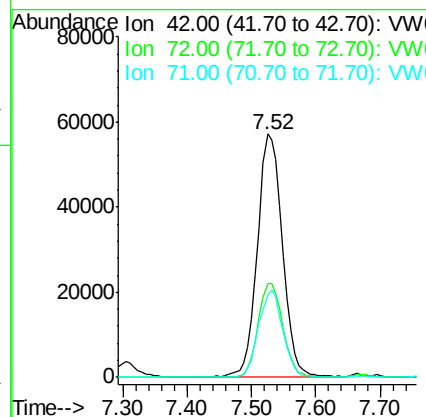
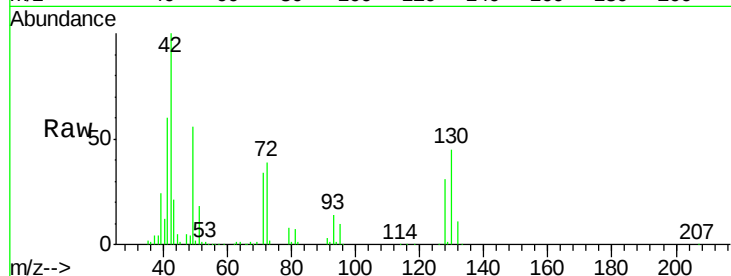
#29
Tetrahydrofuran
Concen: 316.972 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
42	100	152771		
72	38.0		31.4	47.0
71	34.9		29.8	44.8

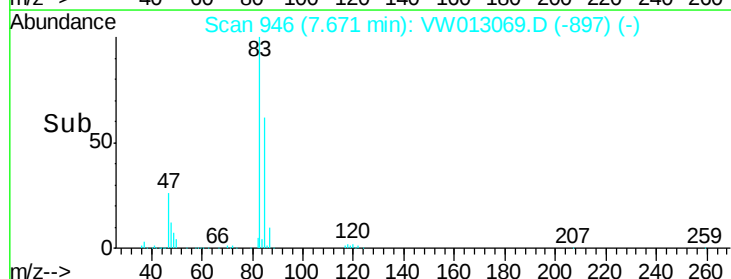
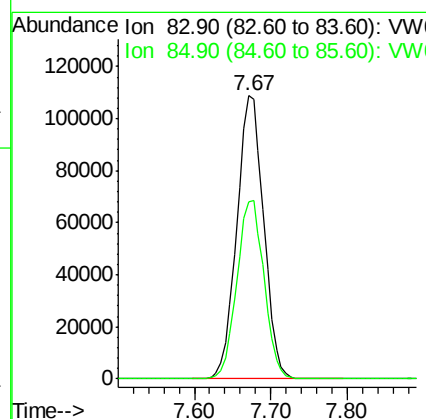
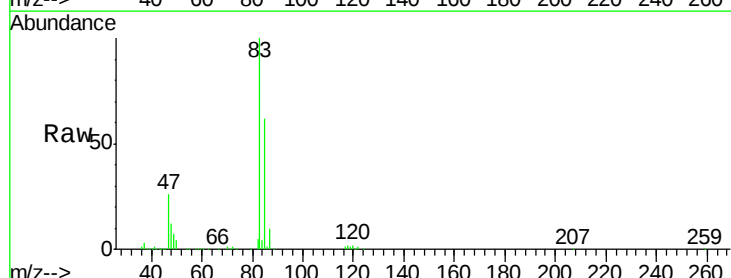
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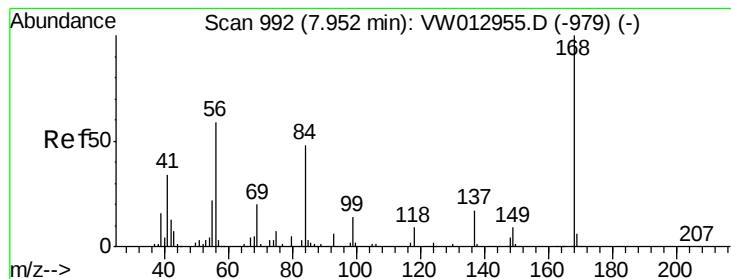
MMDadoda
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#30
Chloroform
Concen: 57.535 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	264297		
85	62.4		52.8	79.2





#31

Cyclohexane

Concen: 57.198 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion: 56 Resp: 192037
Ion Ratio Lower Upper

56 100

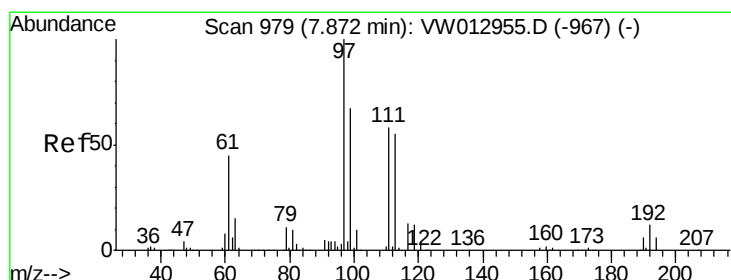
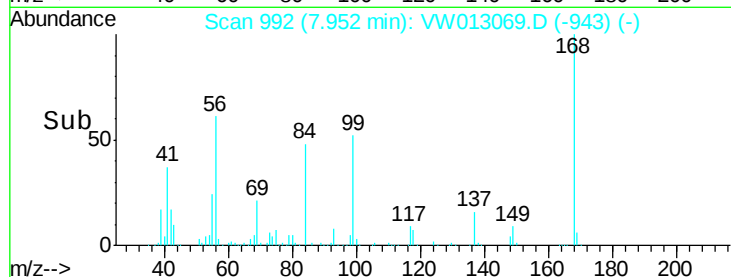
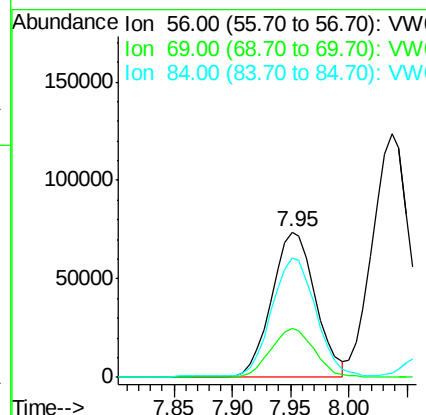
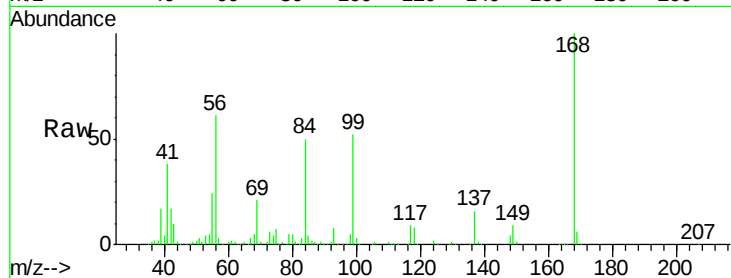
69 34.0 27.0 40.6

84 80.9 66.2 99.2

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#32

1,1,1-Trichloroethane

Concen: 53.266 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW013069.D

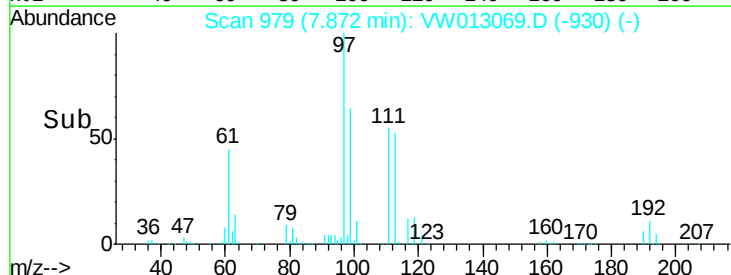
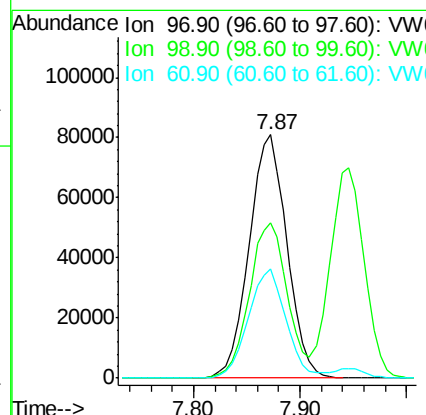
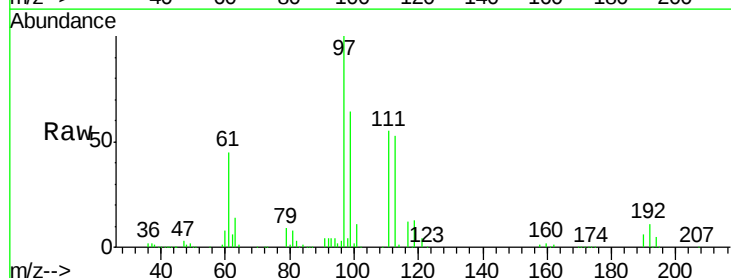
Acq: 17 Sep 2019 04:56

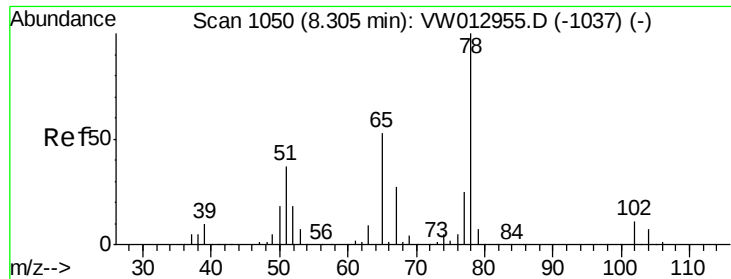
Tgt Ion: 97 Resp: 201502
Ion Ratio Lower Upper

97 100

99 64.7 53.0 79.4

61 44.3 36.5 54.7





#33

1,2-Dichloroethane-d4

Concen: 55.039 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion: 65 Resp: 146415

Ion Ratio Lower Upper

65 100

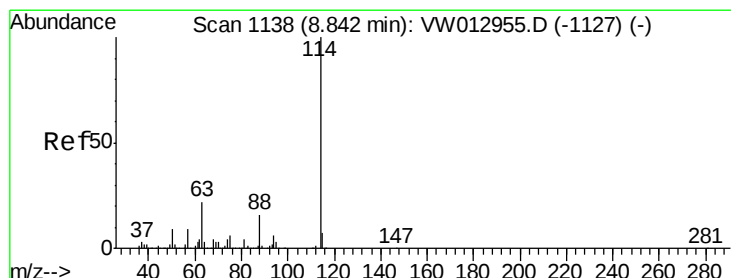
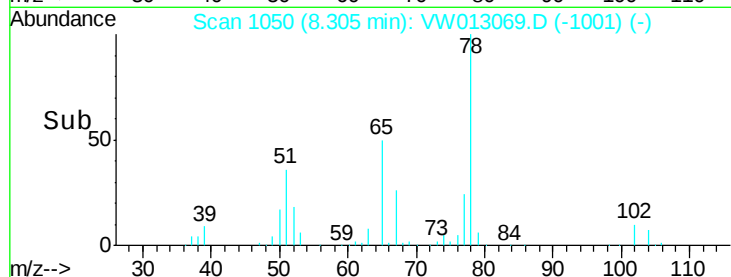
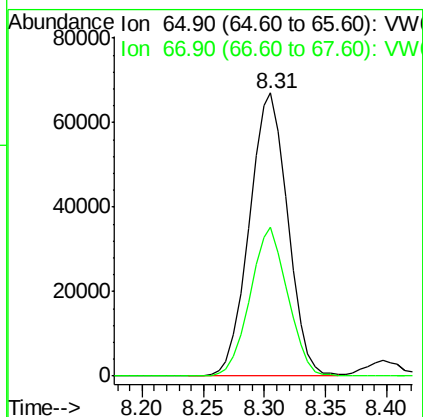
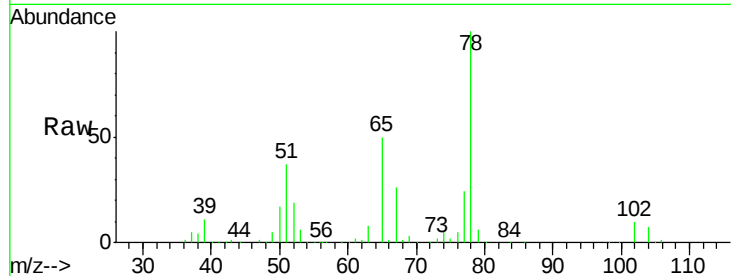
67 51.5 0.0 101.2

Manual Integrations

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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: VW013069.D

Acq: 17 Sep 2019 04:56

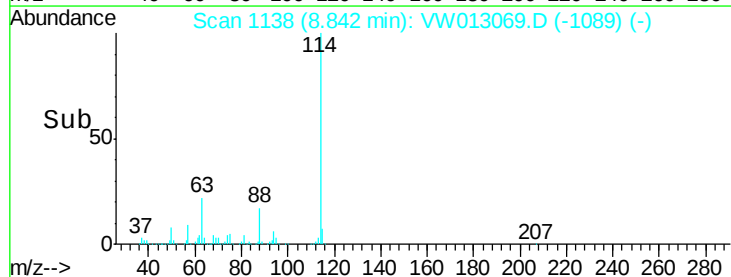
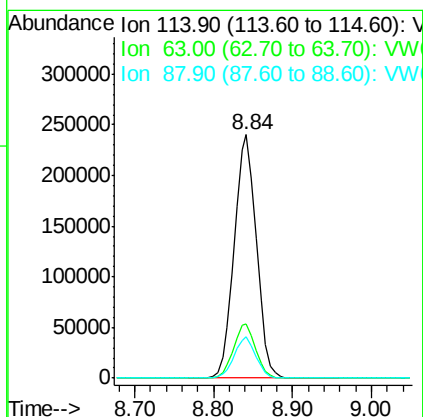
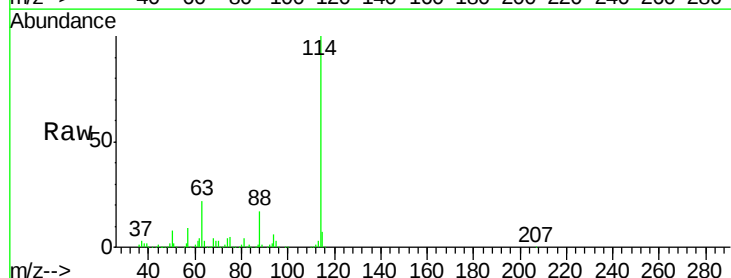
Tgt Ion: 114 Resp: 469384

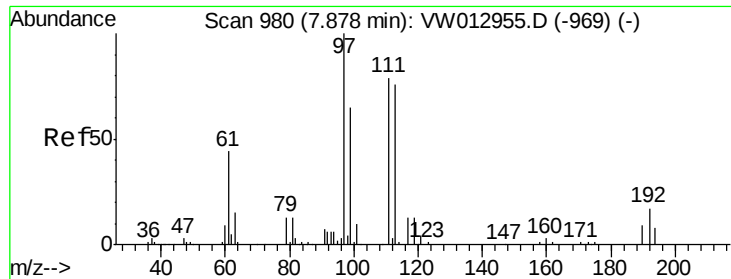
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 17.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.287 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

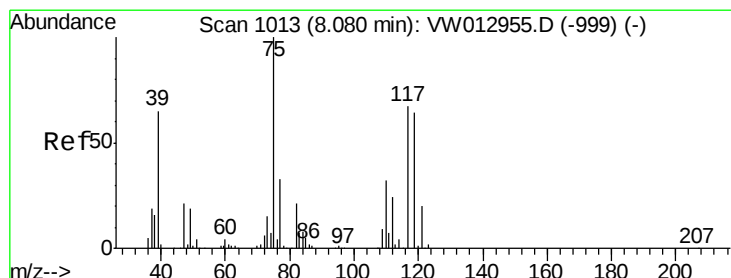
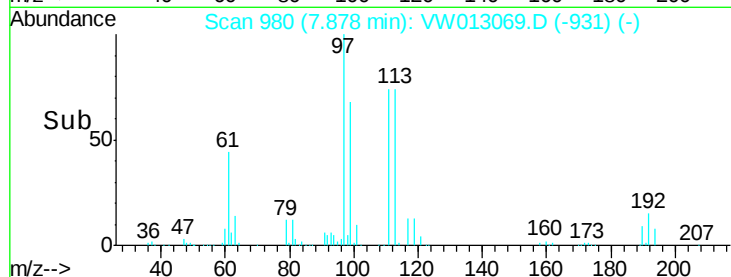
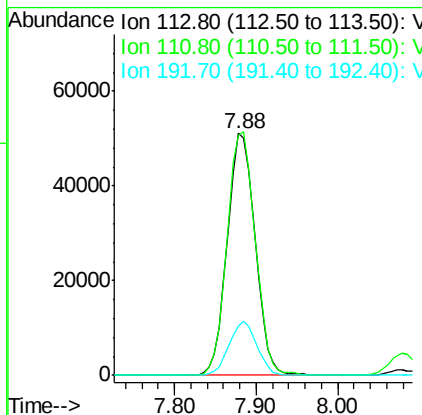
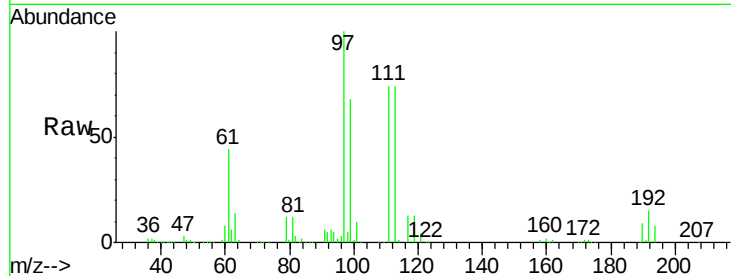
ClientSampleId :

SB-3C-(9)MSD

Tot Ion:	113	Resp:	120438
Ion Ratio	Lower	Upper	
113	100		
111	101.4	82.8	124.2
192	22.3	17.8	26.8

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#36

1,1-Dichloropropene

Concen: 47.415 ug/l

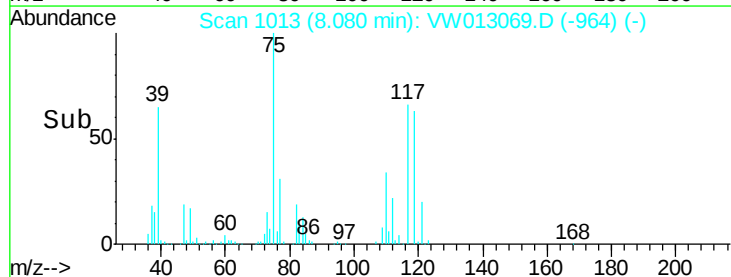
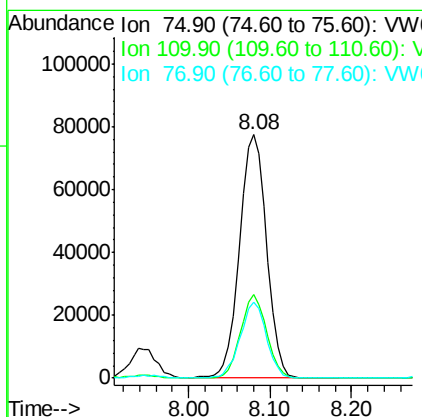
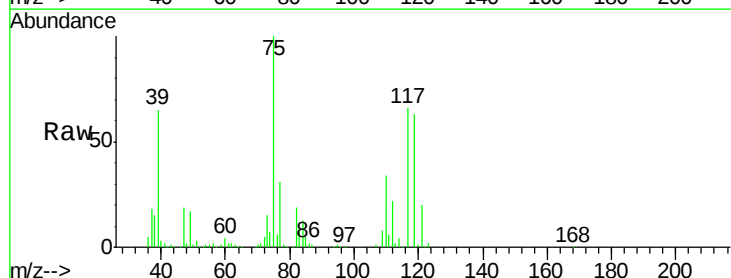
RT: 8.08 min Scan# 1013

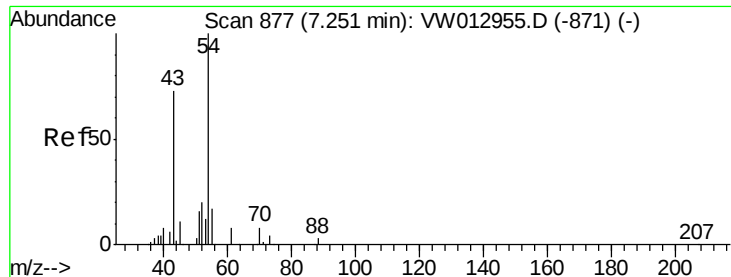
Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion:	75	Resp:	177845
Ion Ratio	Lower	Upper	
75	100		
110	33.2	16.4	49.1
77	30.5	25.1	37.7





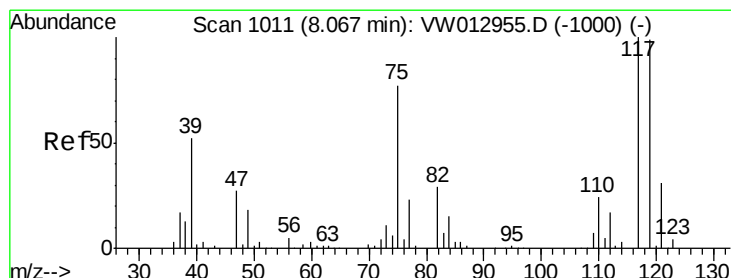
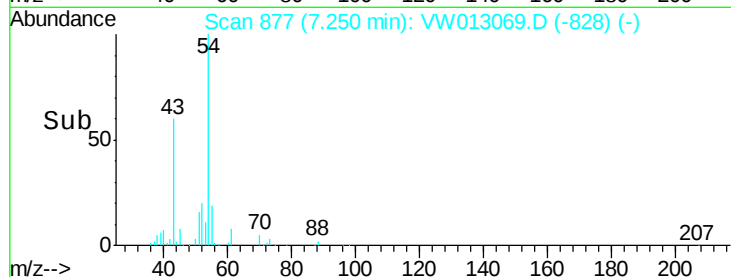
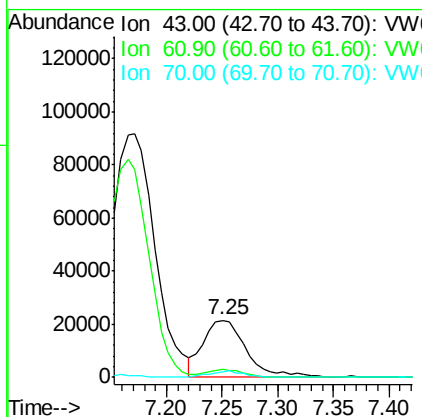
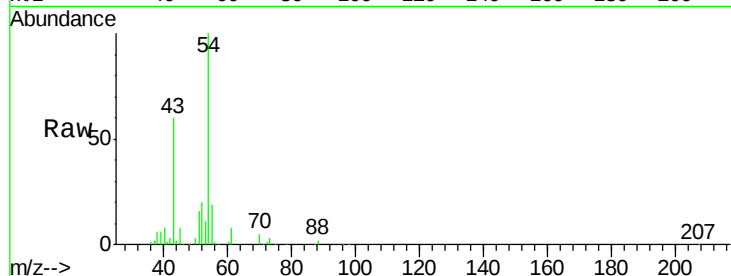
#37
Ethyl Acetate
Concen: 27.986 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.6	14.4#
70	9.6	7.6	11.4

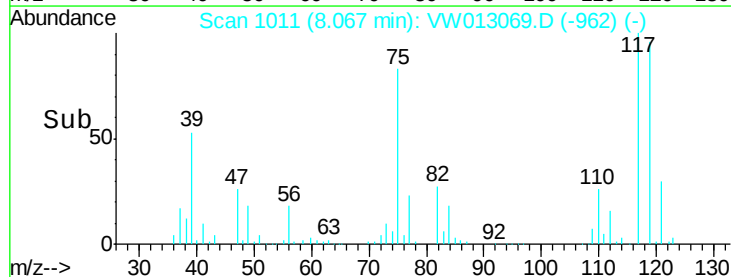
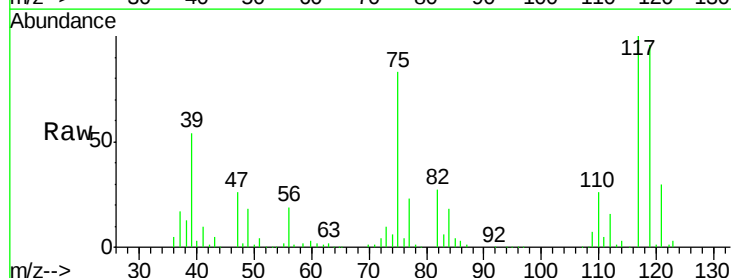
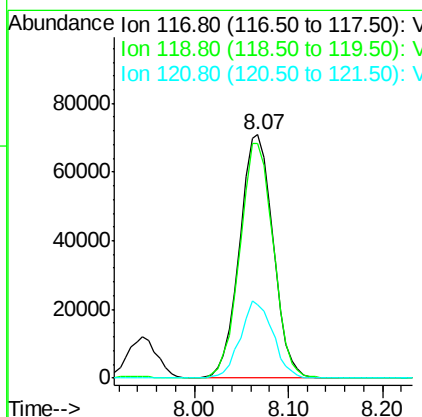
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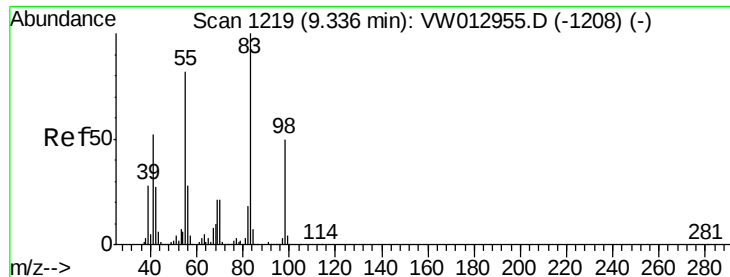
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#38
Carbon Tetrachloride
Concen: 45.713 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	79.4	119.0
121	30.0	24.6	36.8





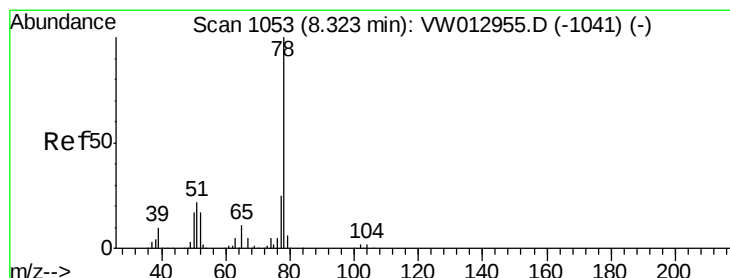
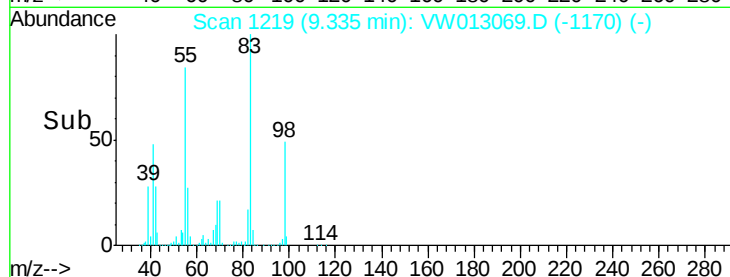
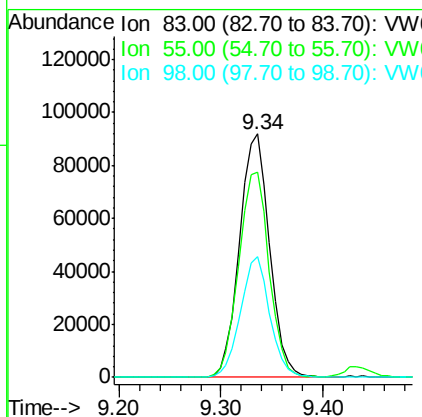
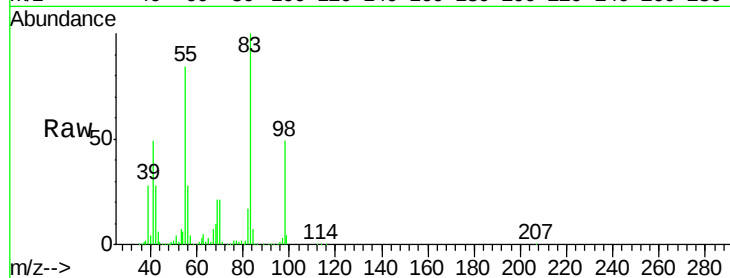
#39
Methvlcvclohexane
Concen: 45.765 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.3	65.9	98.9
98	49.4	39.6	59.4

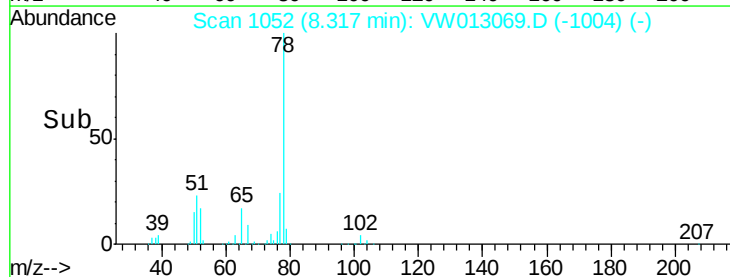
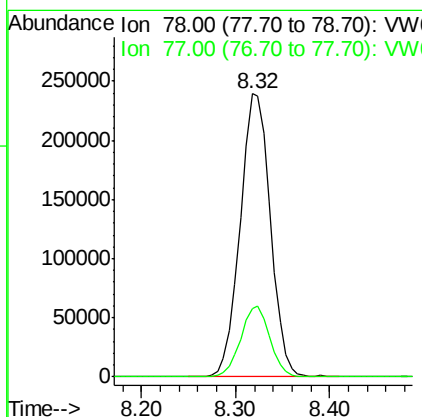
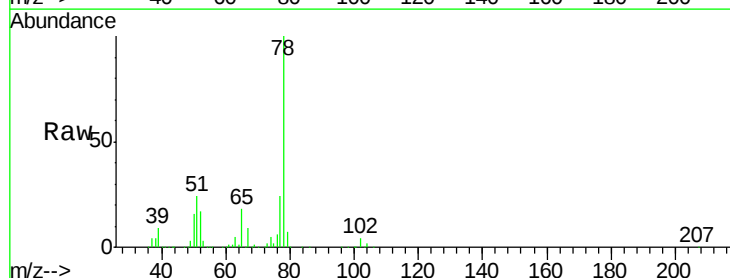
Manual Integrations
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#40
Benzene
Concen: 51.310 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.6	29.4





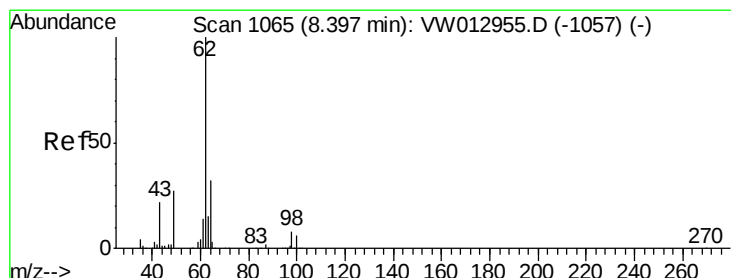
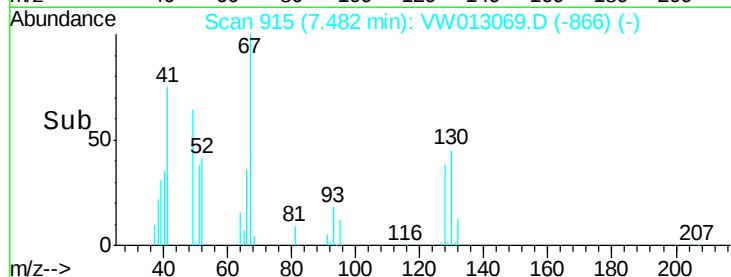
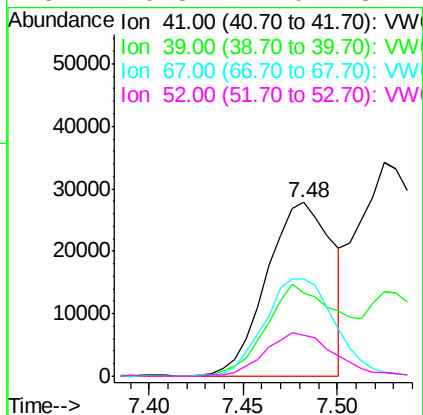
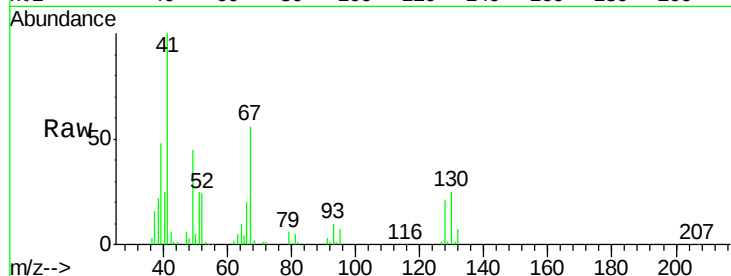
#41
Methacrylonitrile
Concen: 51.319 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion:	41	Resp:	67283
Ion	Ratio	Lower	Upper
41	100		
39	61.8	48.2	72.4
67	60.5	47.5	71.3
52	26.8	21.0	31.4

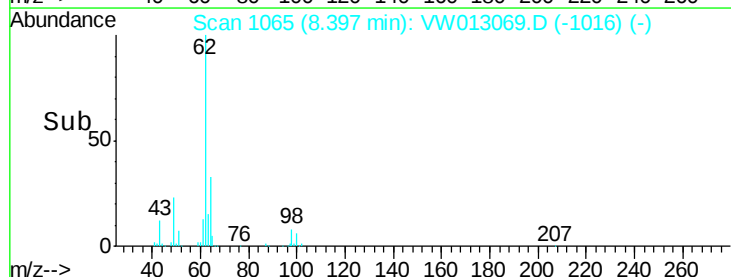
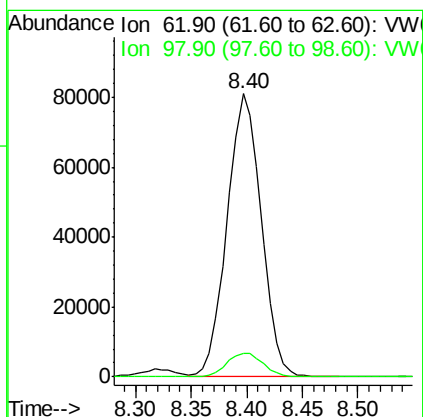
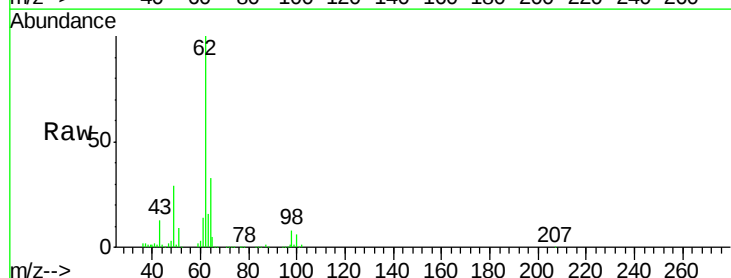
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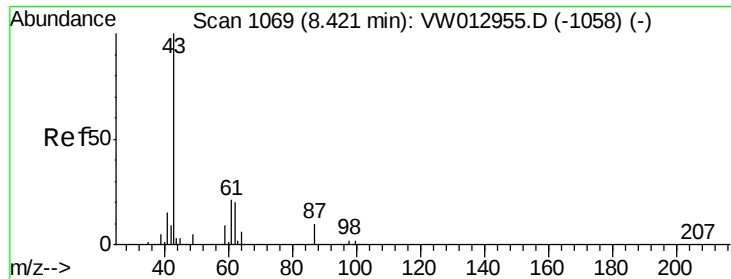
MMDadoda
9/18/2019 2:01:34 PM



#42
1,2-Dichloroethane
Concen: 49.067 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion:	62	Resp:	172229
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	16.8





#43

Isopropyl Acetate

Concen: 34.762 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

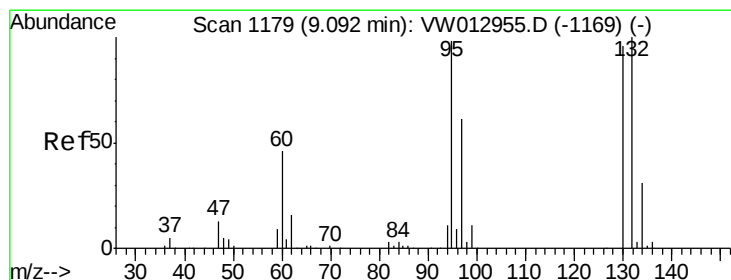
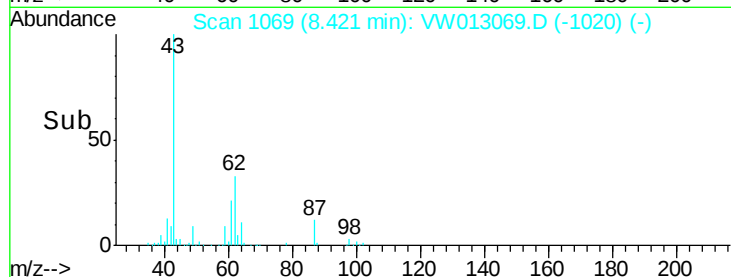
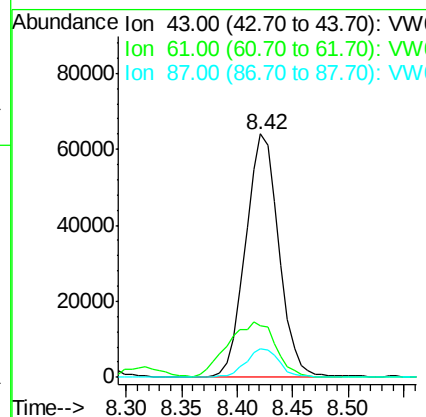
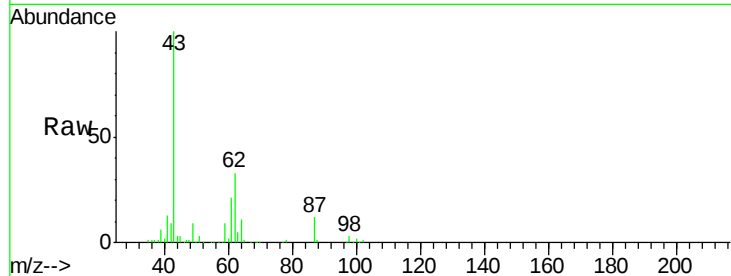
ClientSampleId :

SB-3C-(9)MSD

Tot Ion:	43	Resp:	132878
Ion	Ratio	Lower	Upper
43	100		
61	33.0	22.7	34.1
87	12.0	9.4	14.2

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#44

Trichloroethene

Concen: 64.031 ug/l

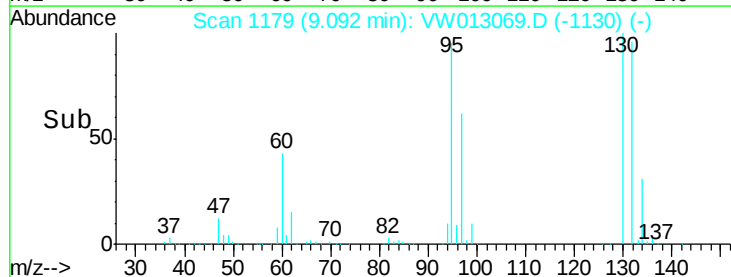
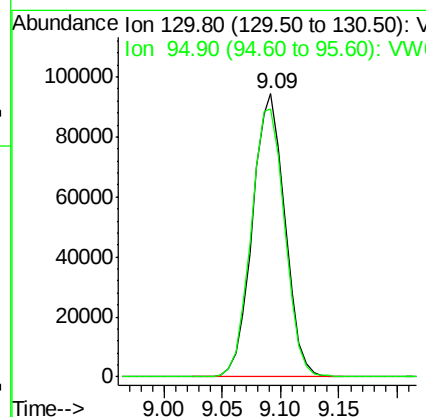
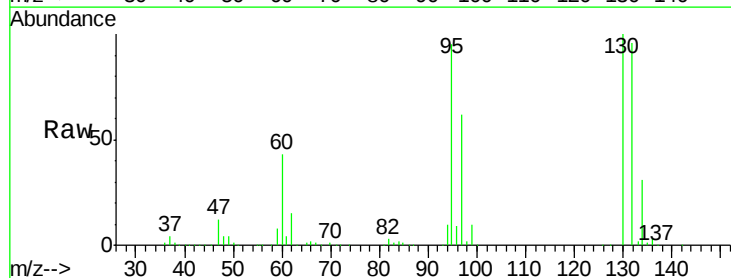
RT: 9.09 min Scan# 1179

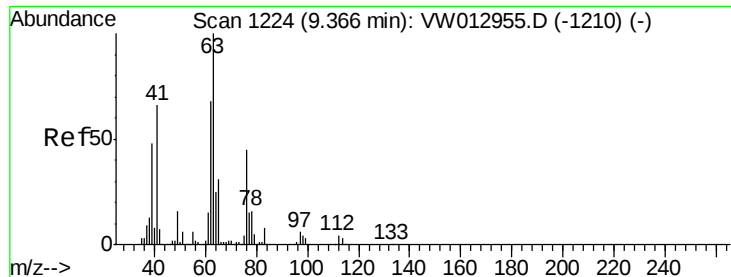
Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion:	130	Resp:	183645
Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	204.4





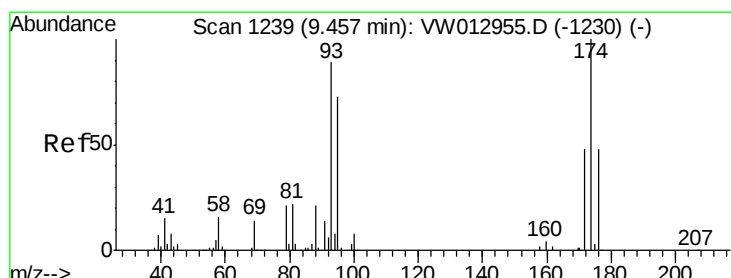
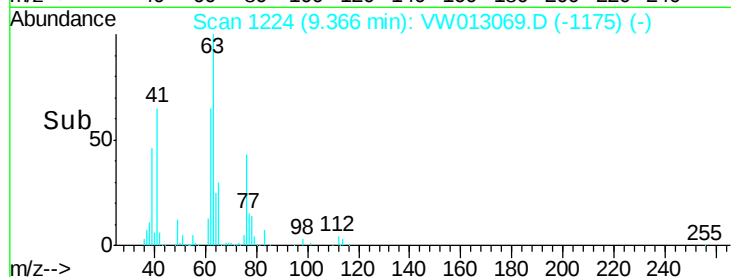
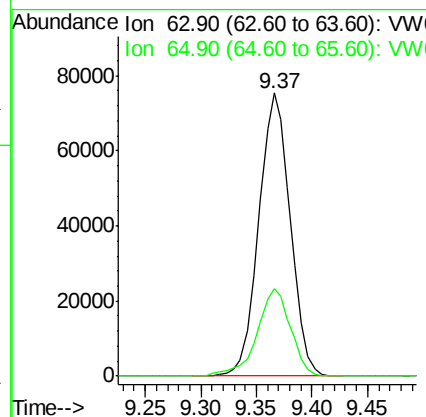
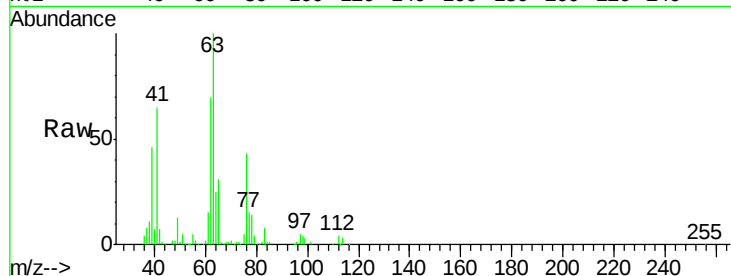
#45
 1,2-Dichloropropane
 Concen: 53.305 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

Tot Ion: 63 Resp: 148292
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.6 37.0

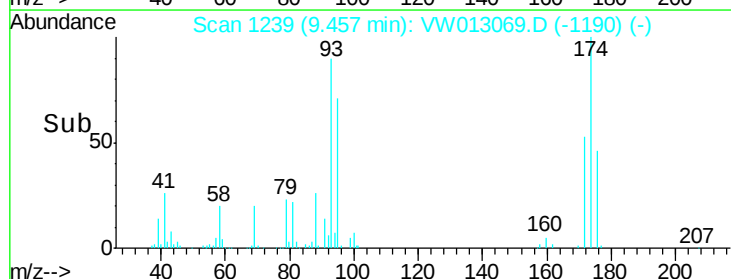
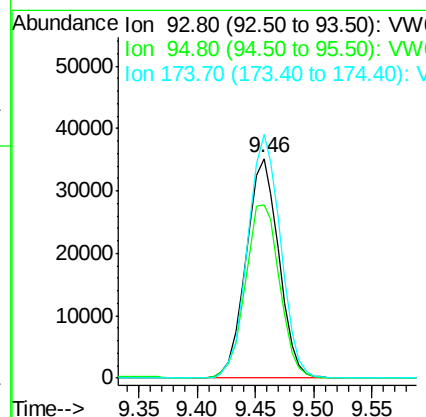
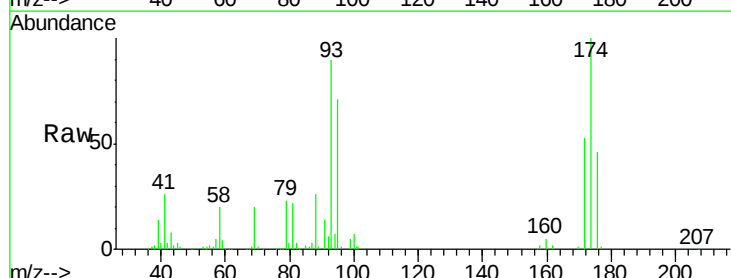
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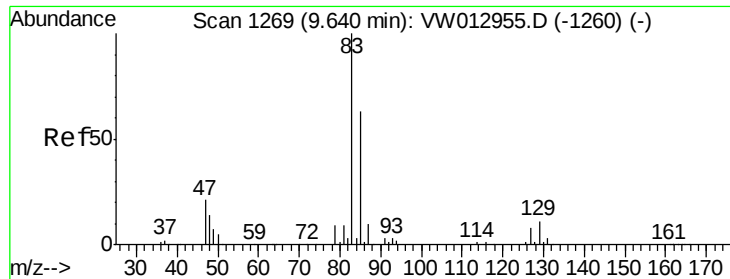
MMDadoda
 9/18/2019 2:01:34 PM



#46
 Dibromomethane
 Concen: 51.879 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion: 93 Resp: 69146
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.0 100.4
 174 111.2 90.5 135.7





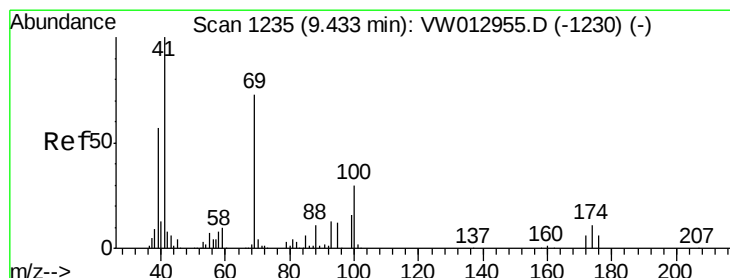
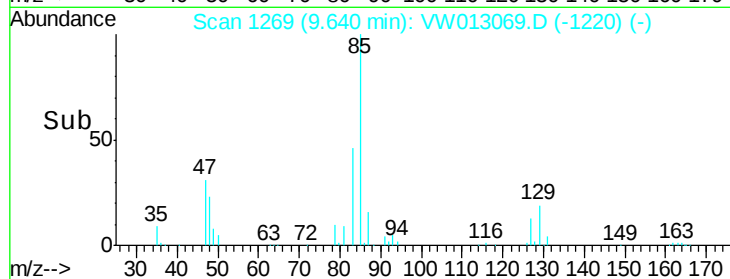
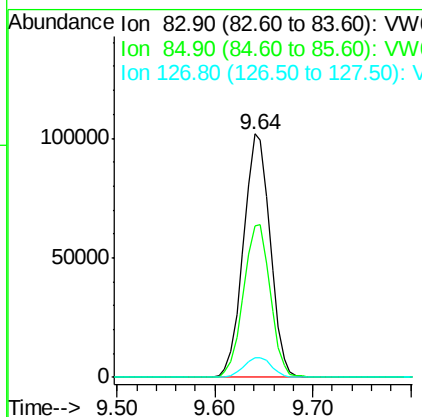
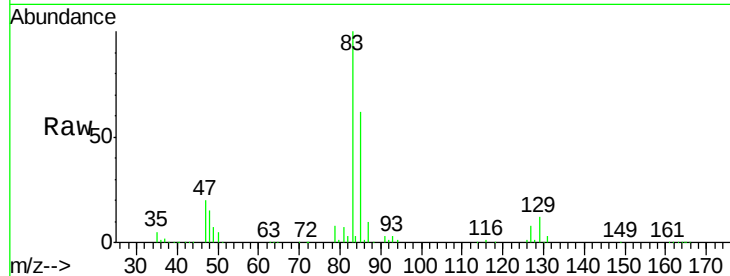
#47
Bromodichloromethane
Concen: 51.557 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100	192752		
85	62.1	50.6	75.8	
127	8.3	6.7	10.1	

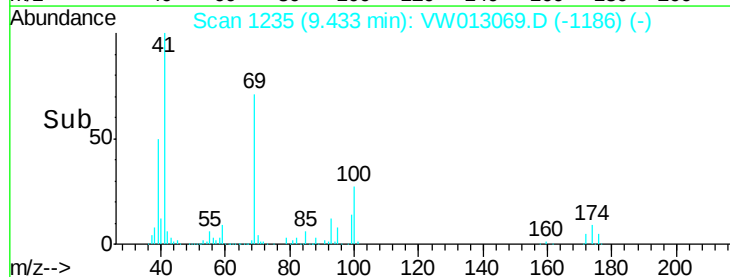
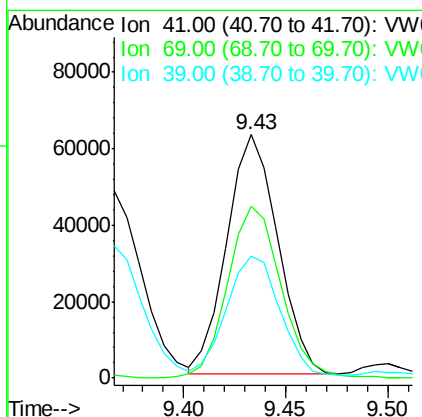
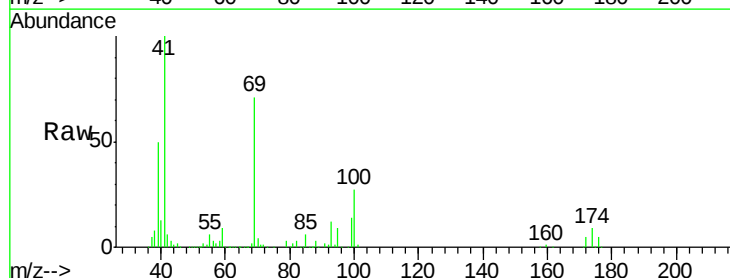
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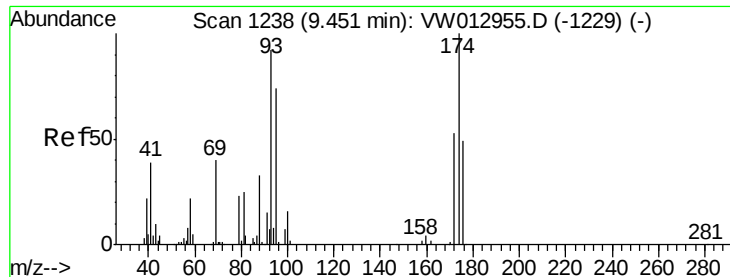
MMDadoda
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#48
Methyl methacrylate
Concen: 60.064 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	107753		
69	76.3	62.8	94.2	
39	55.2	48.5	72.7	





#49

1,4-Dioxane

Concen: 951.983 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

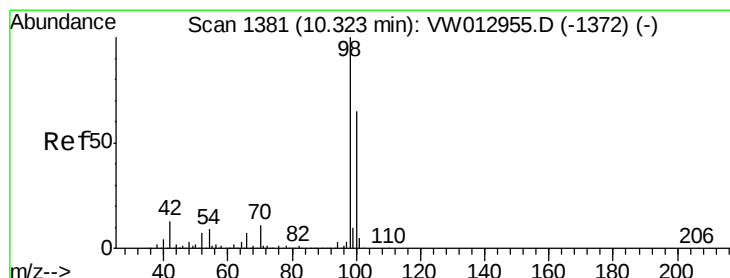
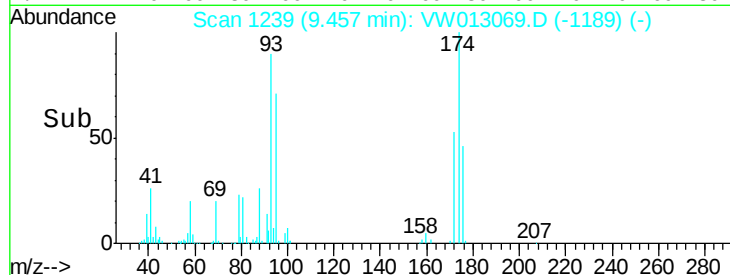
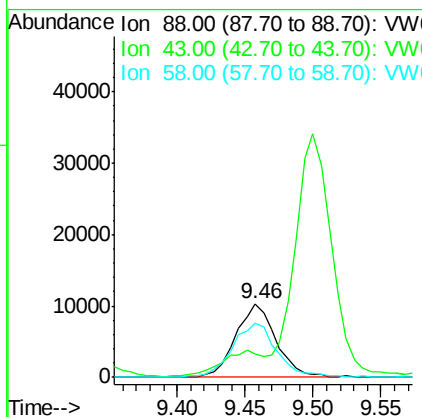
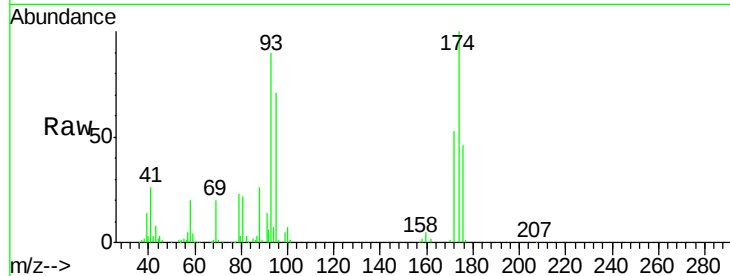
ClientSampleId :

SB-3C-(9)MSD

Tot Ion:	88	Resp:	21261
Ion	Ratio	Lower	Upper
88	100		
43	36.3	31.3	46.9
58	82.4	60.2	90.2

Manual Integrations
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#50

Toluene-d8

Concen: 50.856 ug/l

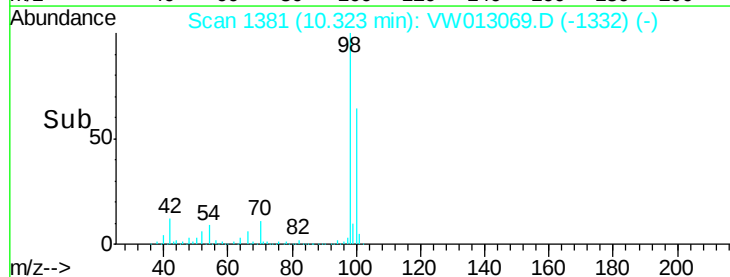
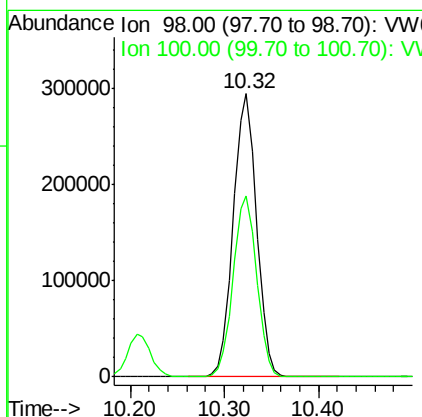
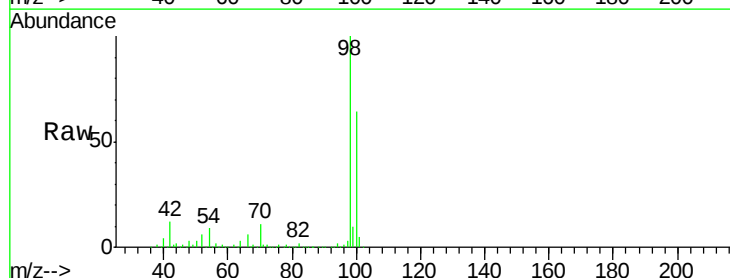
RT: 10.32 min Scan# 1381

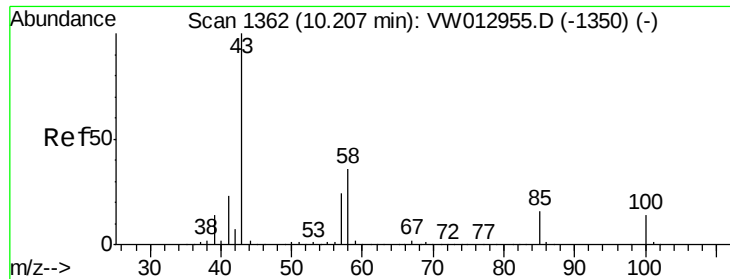
Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion:	98	Resp:	506853
Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 278.241 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion: 43 Resp: 549106

Ion Ratio Lower Upper

43 100

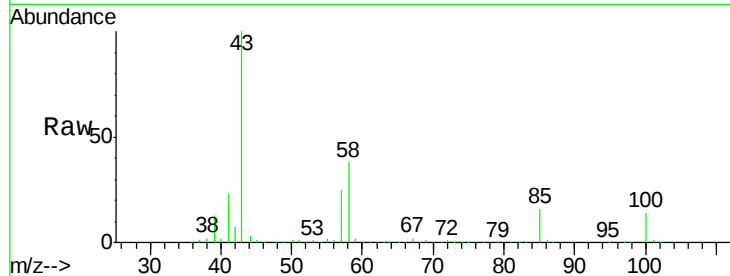
58 37.5 29.5 44.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

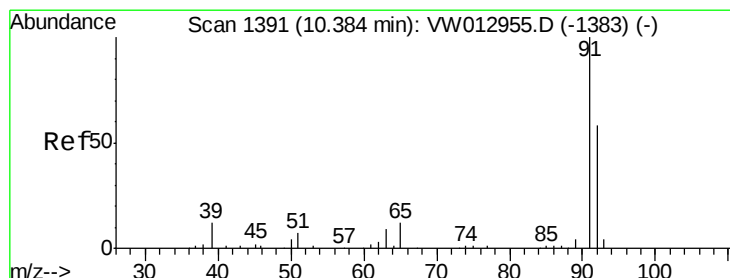
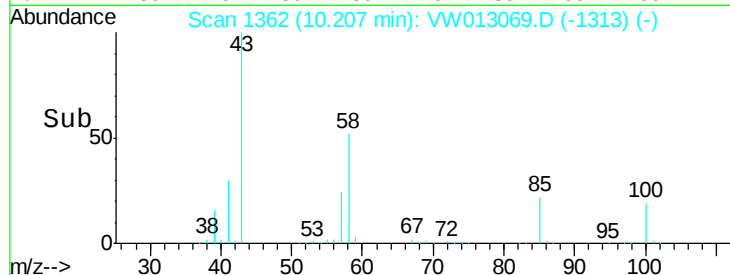
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.049 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW013069.D

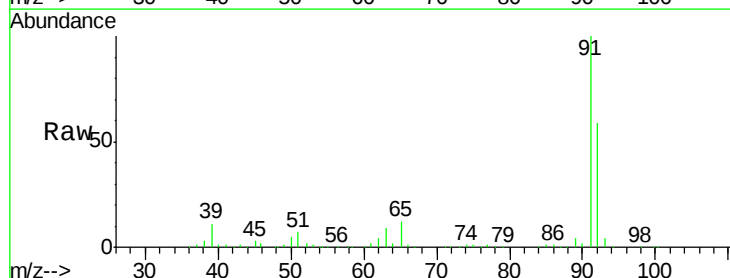
Acq: 17 Sep 2019 04:56

Tgt Ion: 92 Resp: 339665

Ion Ratio Lower Upper

92 100

91 169.8 137.5 206.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.38

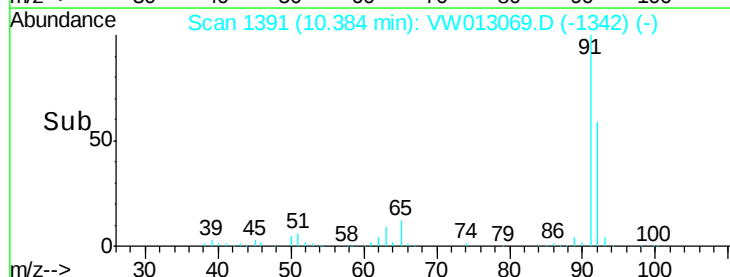
300000

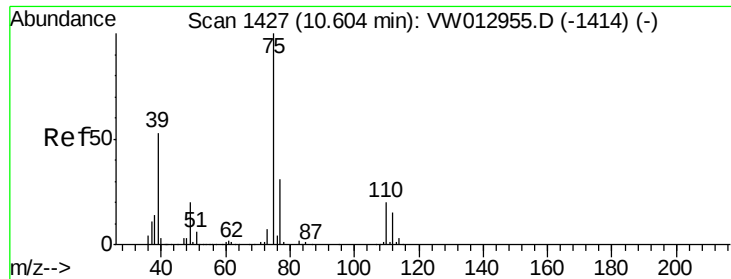
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.931 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion: 75 Resp: 183981

Ion Ratio Lower Upper

75 100

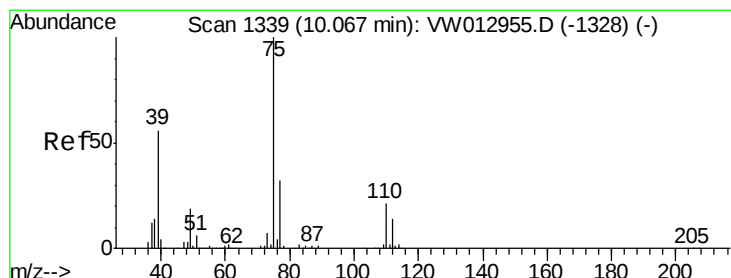
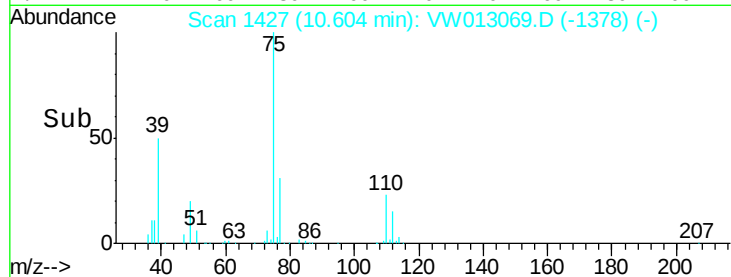
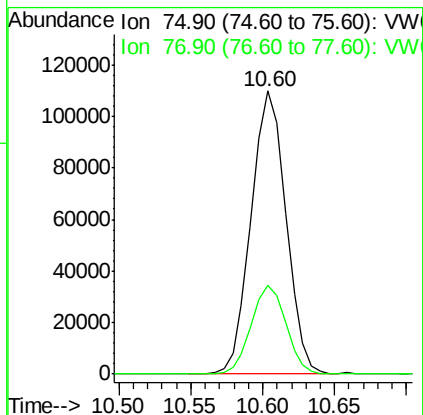
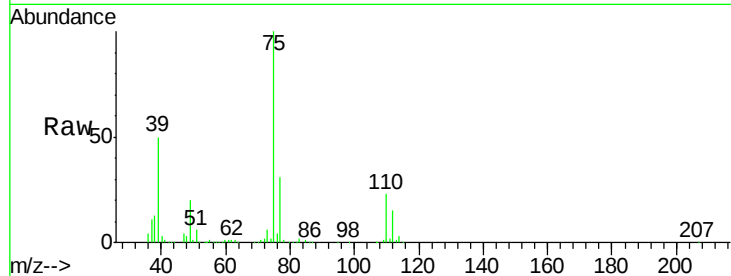
77 31.4 24.6 37.0

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#54

cis-1,3-Dichloropropene

Concen: 49.982 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

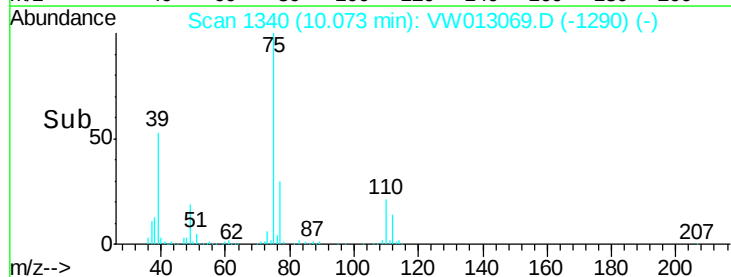
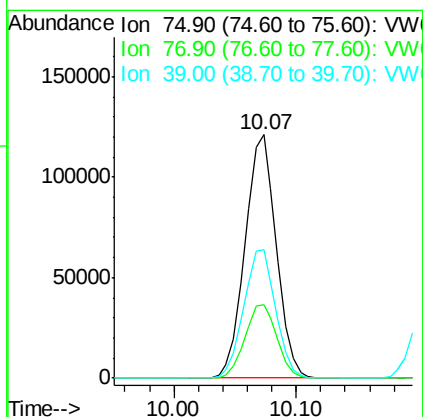
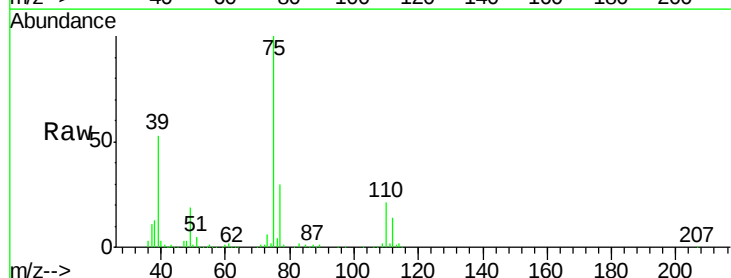
Tgt Ion: 75 Resp: 215028

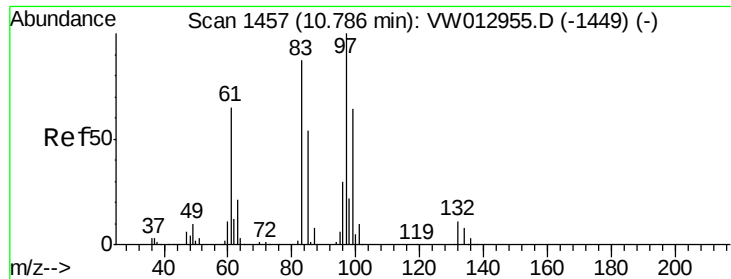
Ion Ratio Lower Upper

75 100

77 29.9 25.5 38.3

39 52.7 45.0 67.6





#55

1,1,2-Trichloroethane

Concen: 53.406 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

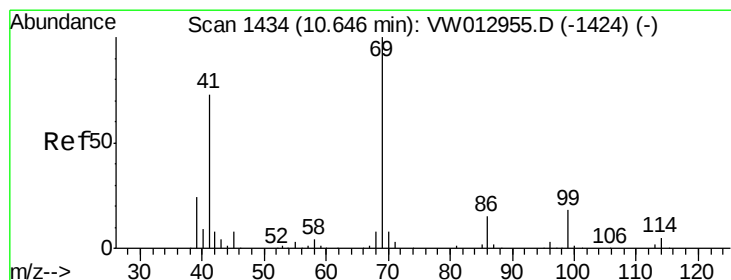
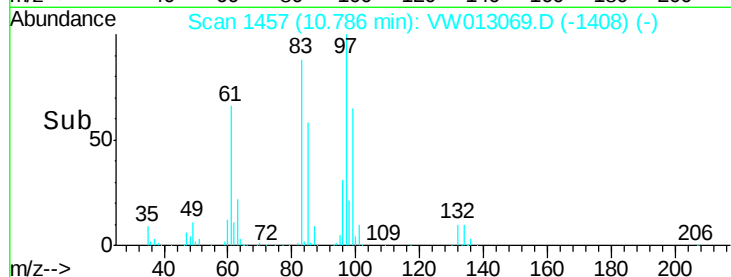
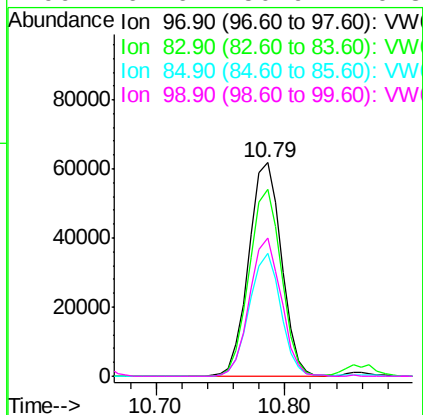
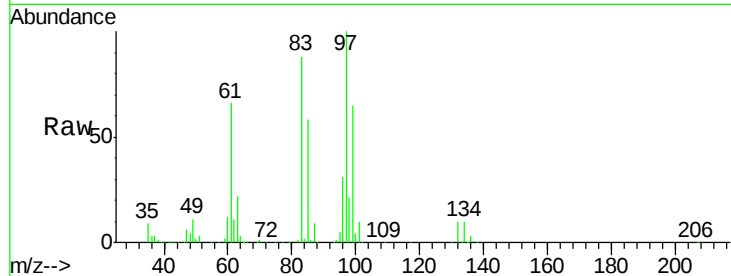
ClientSampleId :

SB-3C-(9)MSD

Tot Ion:	97	Resp:	108437
Ion	Ratio	Lower	Upper
97	100		
83	87.6	69.4	104.0
85	57.8	43.3	64.9
99	64.6	50.9	76.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 46.266 ug/l

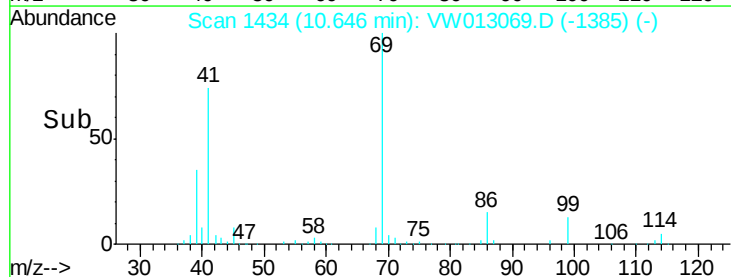
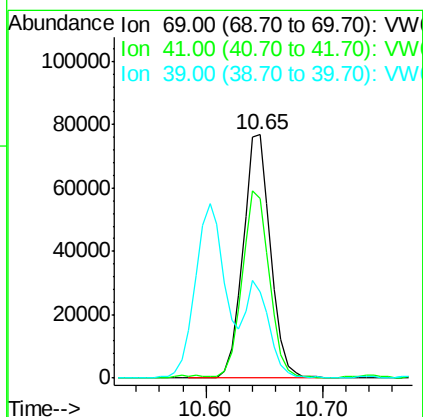
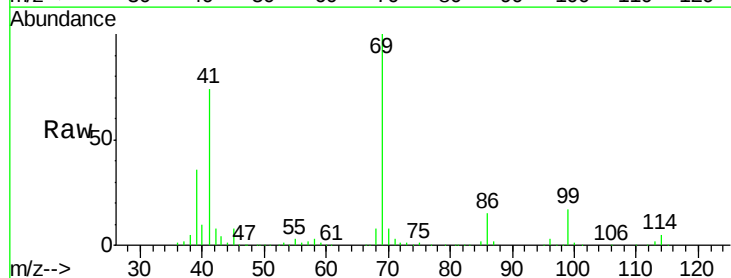
RT: 10.65 min Scan# 1434

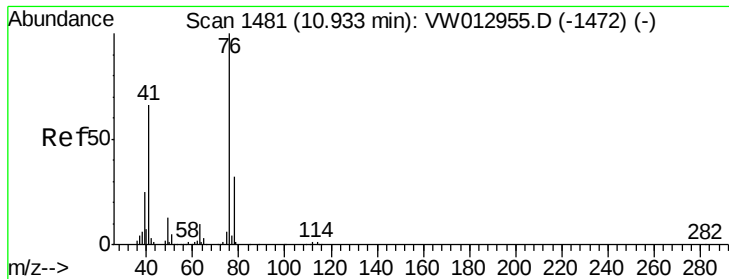
Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion:	69	Resp:	126447
Ion	Ratio	Lower	Upper
69	100		
41	75.0	60.8	91.2
39	33.8	29.4	44.0





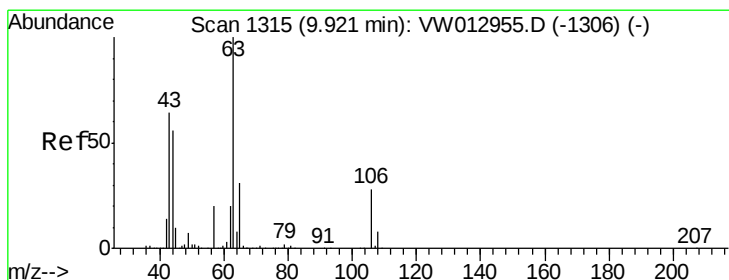
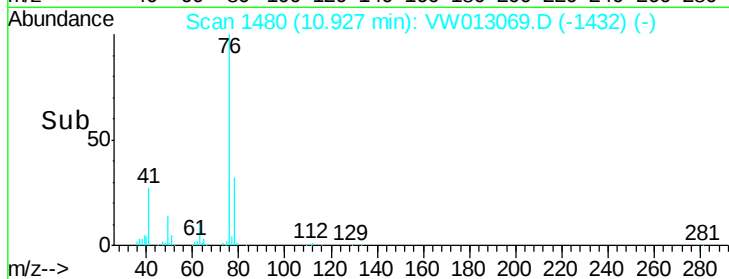
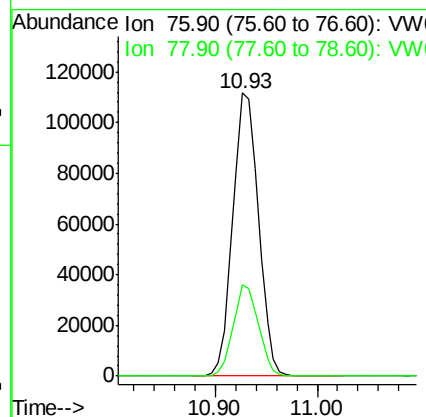
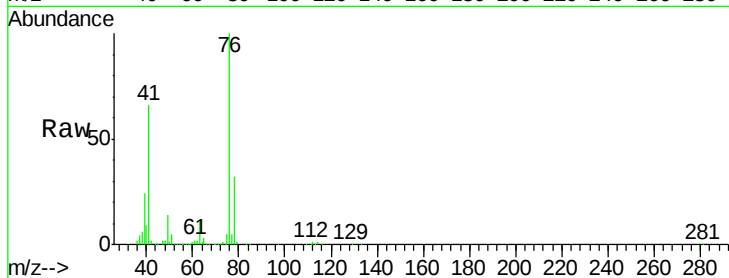
#57
 1,3-Dichloropropane
 Concen: 53.894 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.6	38.4

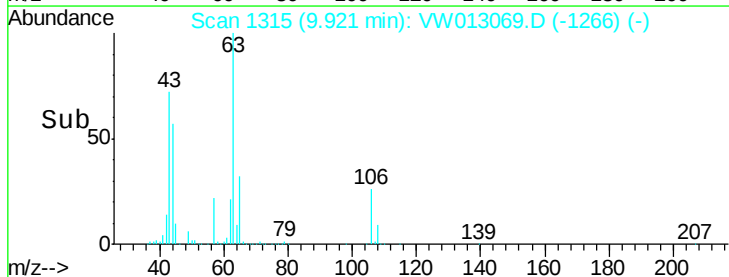
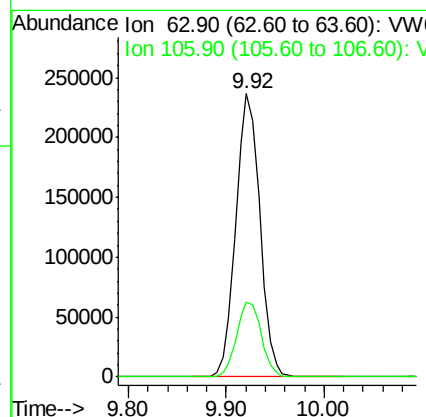
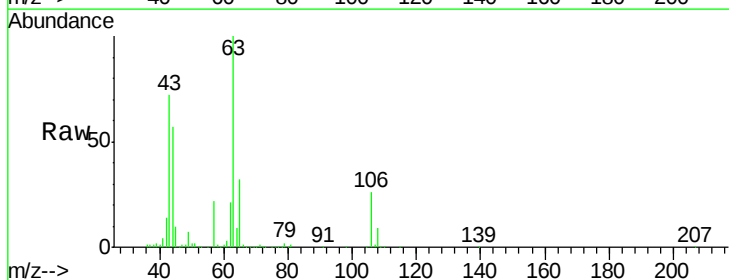
Manual Integrations
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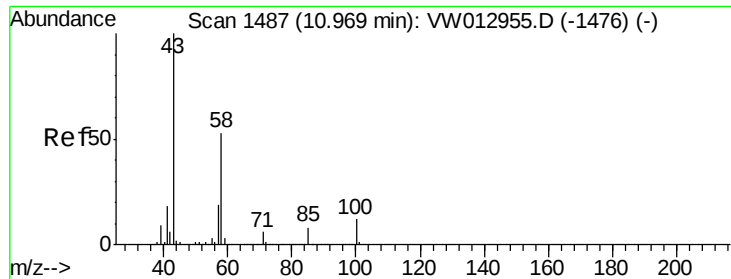
MMDadoda
 9/18/2019 2:01:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.576 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.0	22.2	33.2





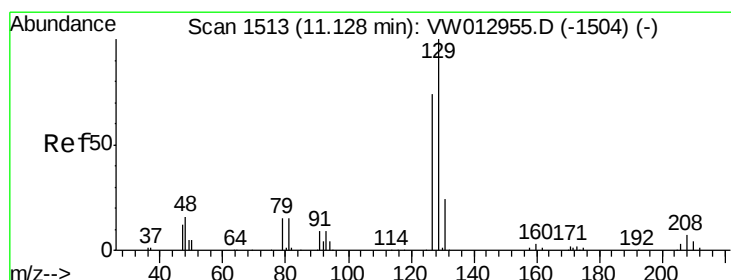
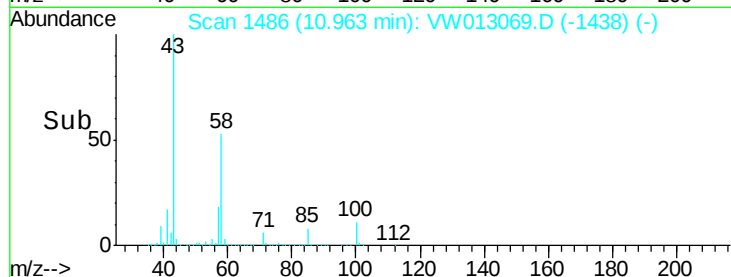
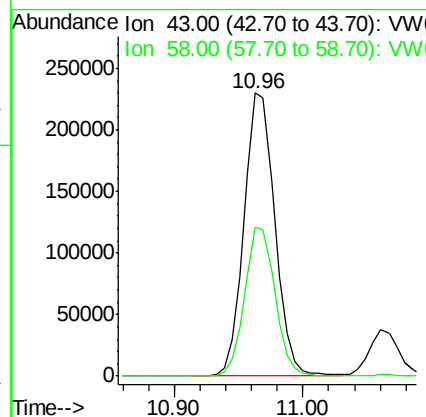
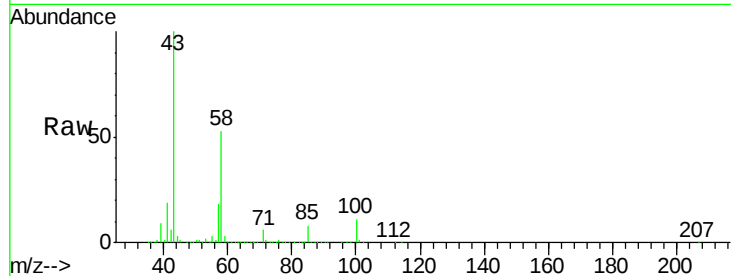
#59
2-Hexanone
Concen: 276.734 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion: 43 Resp: 380278
Ion Ratio Lower Upper
43 100
58 51.8 25.8 77.3

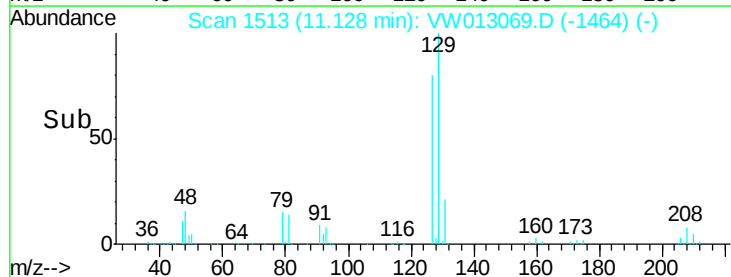
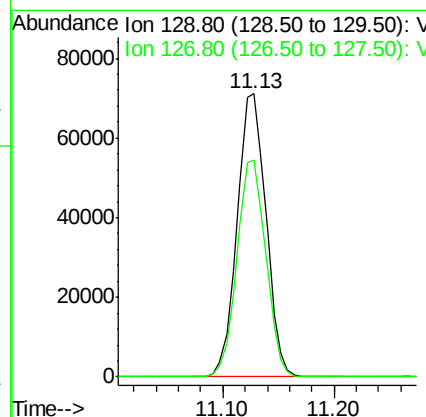
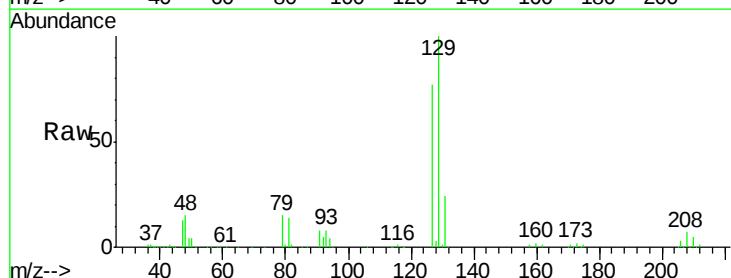
Manual Integrations
APPROVED

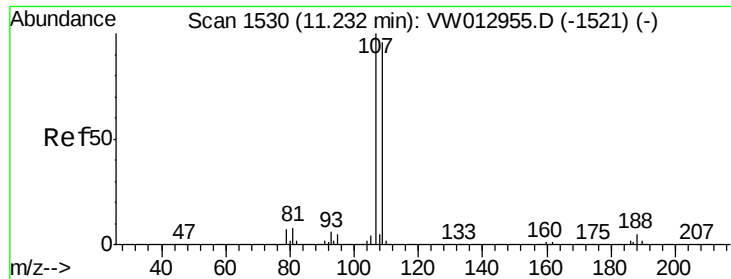
MMDadoda
9/18/2019 2:01:34 PM



#60
Dibromochloromethane
Concen: 51.919 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion: 129 Resp: 127450
Ion Ratio Lower Upper
129 100
127 76.8 37.4 112.2





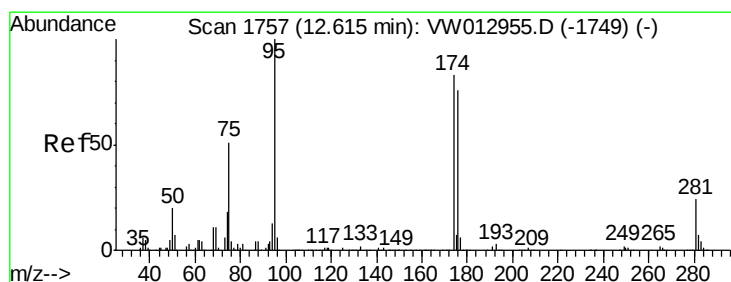
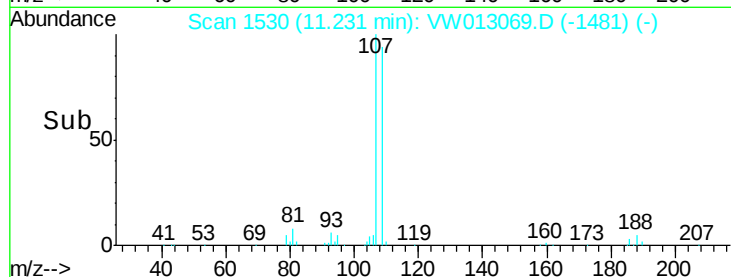
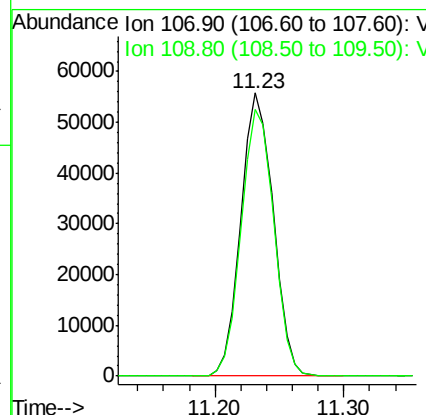
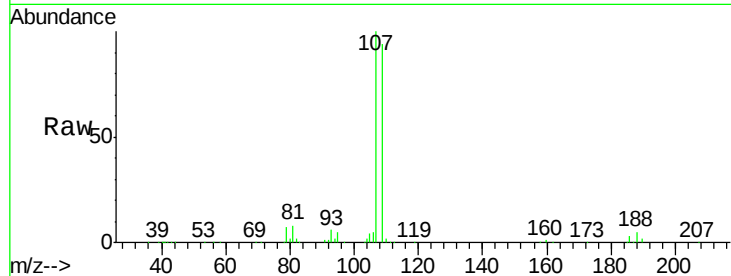
#61
 1,2-Dibromoethane
 Concen: 52.460 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.0	112.6

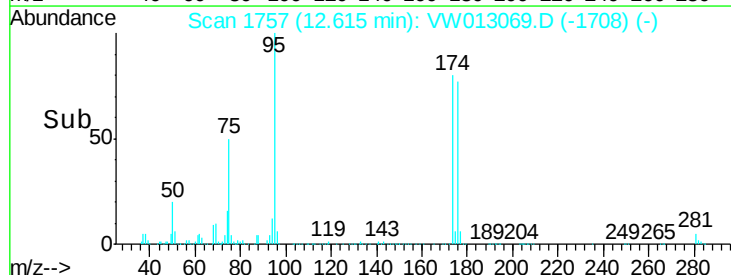
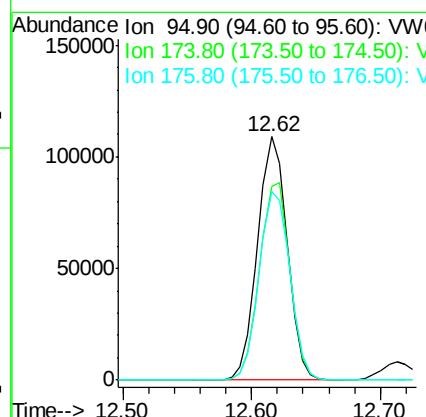
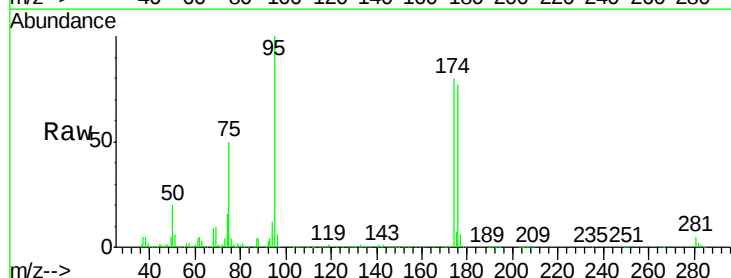
Manual Integrations
 APPROVED

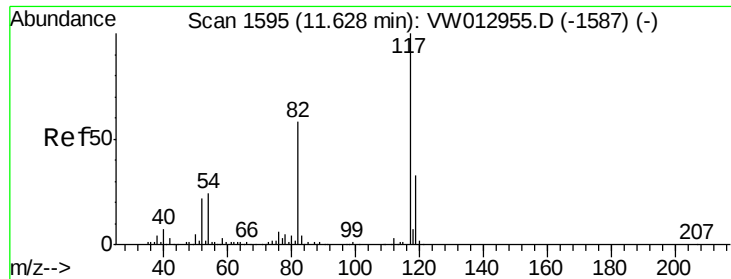
MMDadoda
 9/18/2019 2:01:34 PM



#62
 4-Bromofluorobenzene
 Concen: 48.390 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	170.4
176	80.4	0.0	164.6





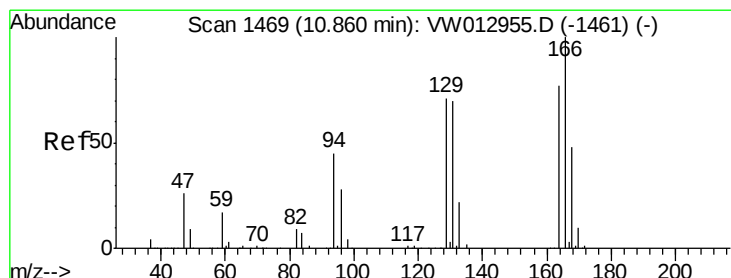
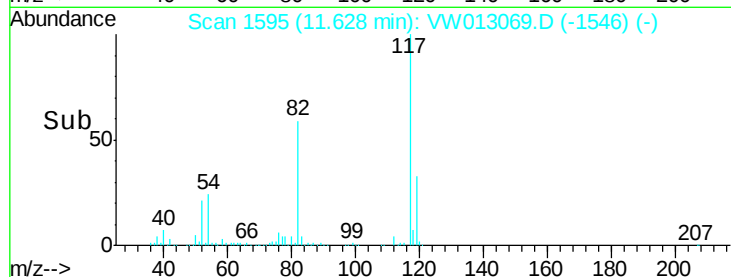
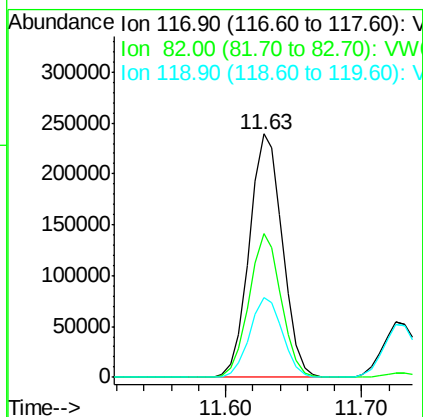
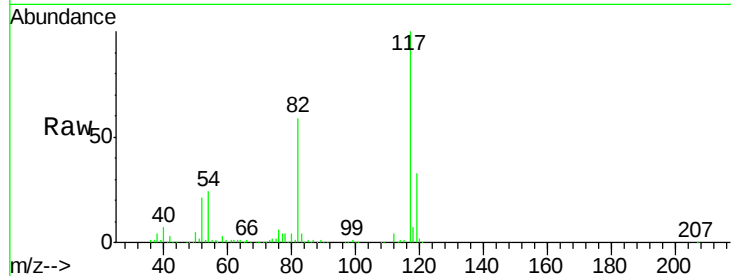
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	46.3	69.5
119	32.7	26.2	39.4

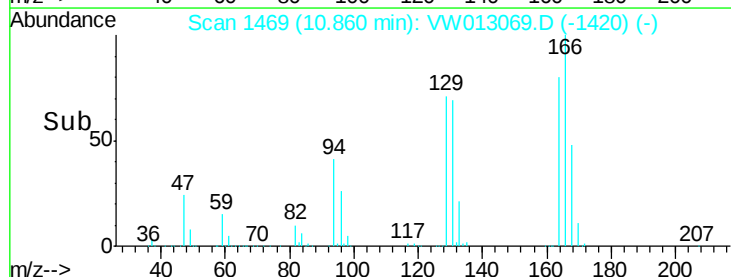
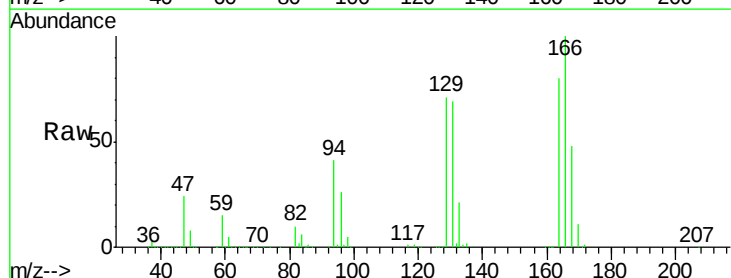
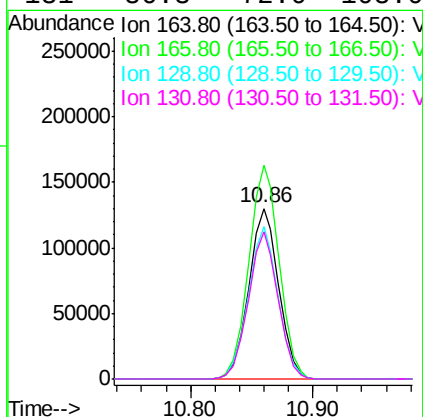
Manual Integrations
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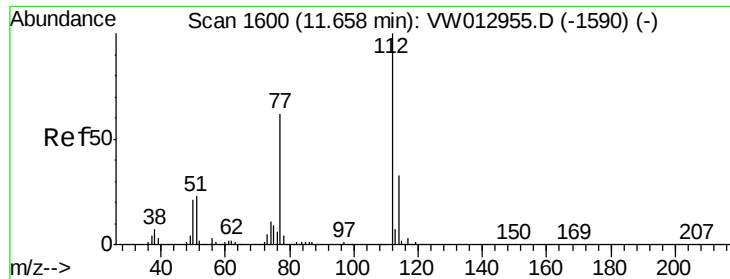
MMDadoda
9/18/2019 2:01:34 PM



#64
Tetrachloroethene
Concen: 90.914 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.5	103.3	154.9
129	89.2	73.8	110.8
131	86.3	72.0	108.0





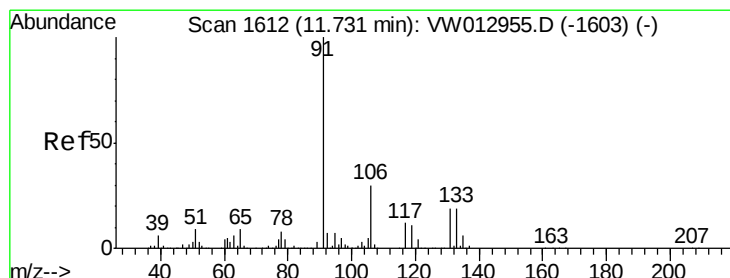
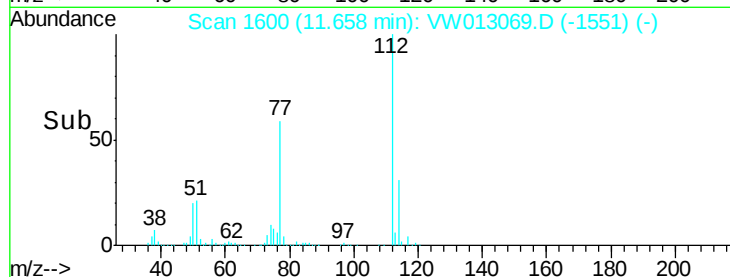
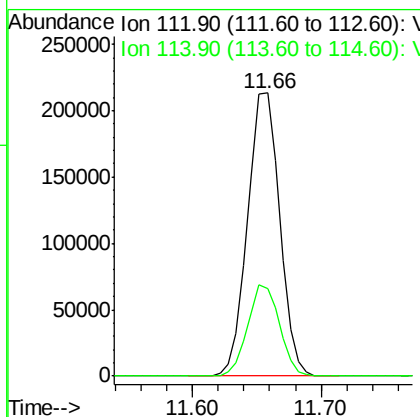
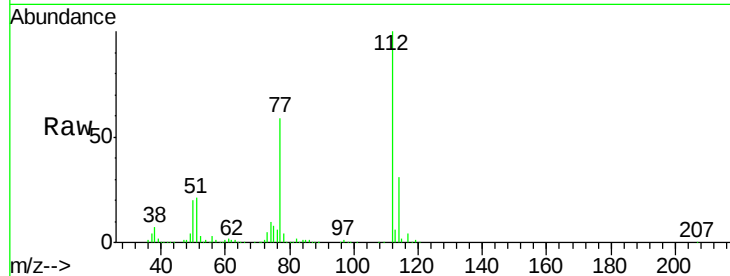
#65
Chlorobenzene
Concen: 50.586 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.7	26.4	39.6

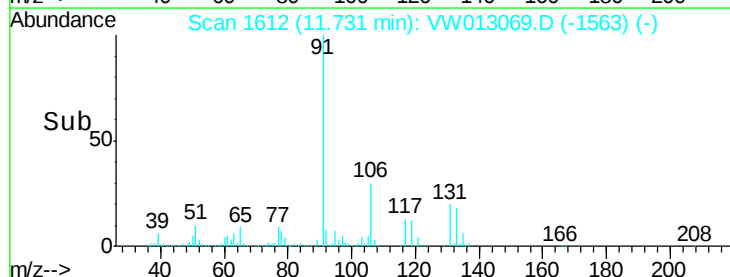
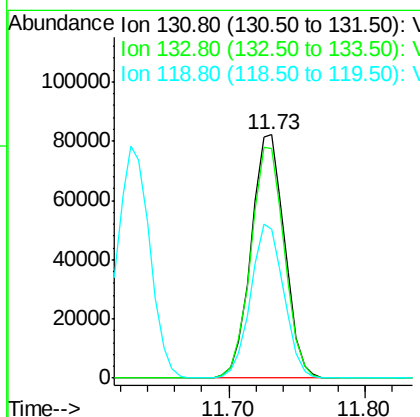
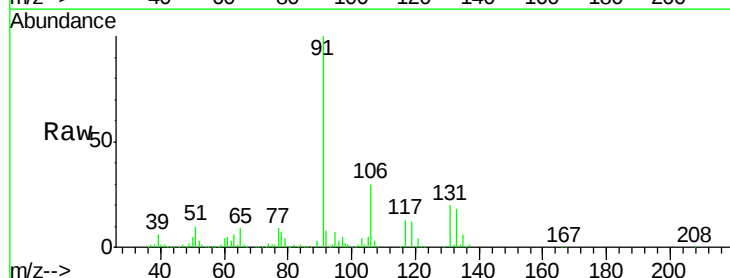
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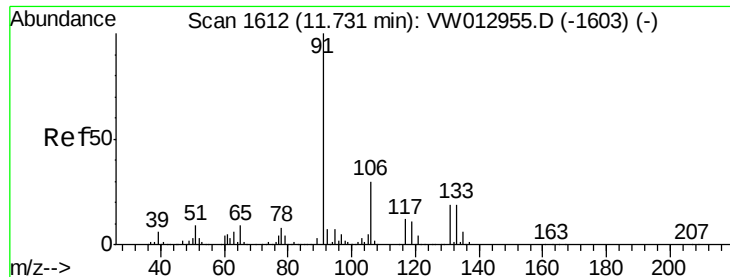
MMDadoda
9/18/2019 2:01:34 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.082 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.9	143.8
119	62.6	30.9	92.7





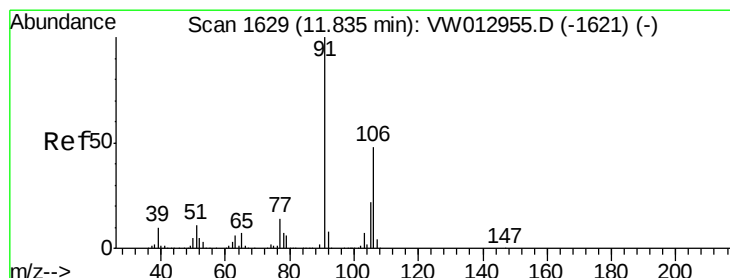
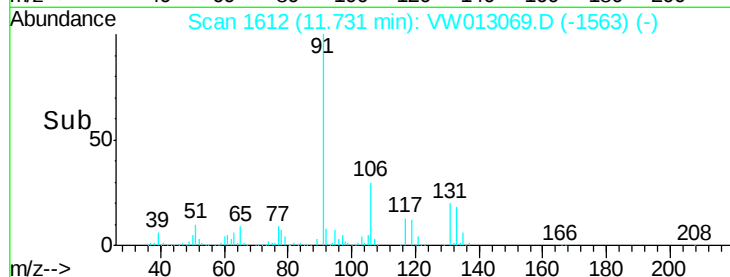
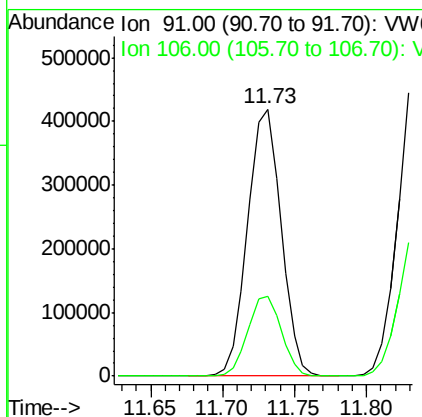
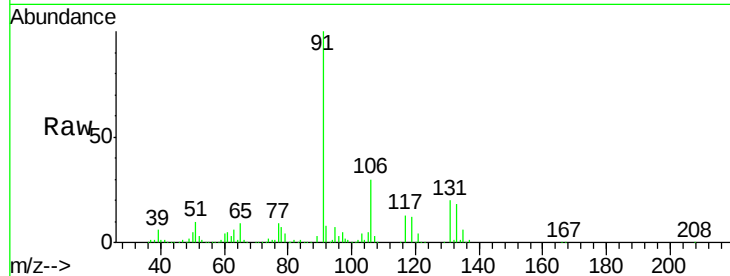
#67
Ethyl Benzene
Concen: 50.504 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion: 91 Resp: 677074
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5

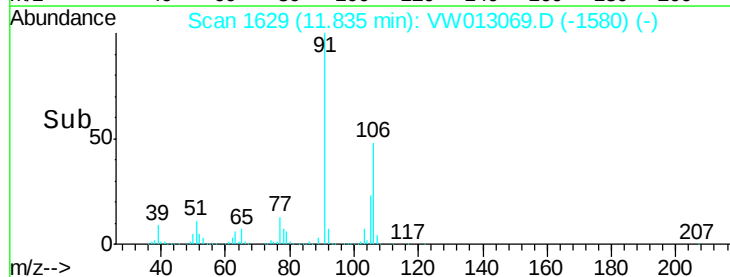
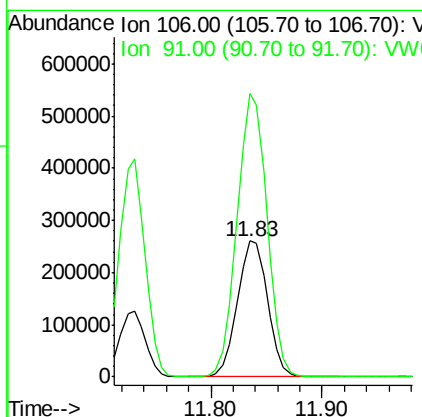
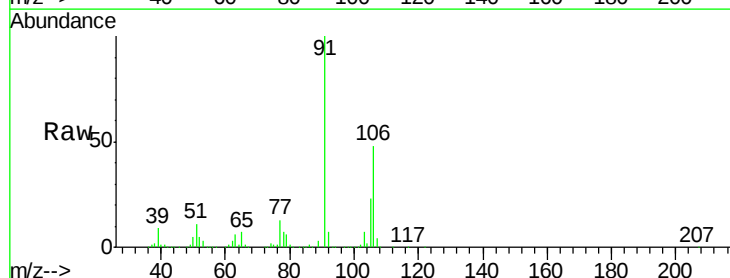
Manual Integrations
APPROVED

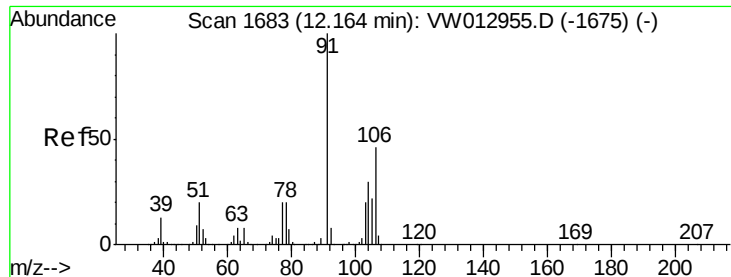
MMDadoda
9/18/2019 2:01:34 PM



#68
m/p-Xylenes
Concen: 99.943 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion: 106 Resp: 489472
Ion Ratio Lower Upper
106 100
91 206.1 165.8 248.8





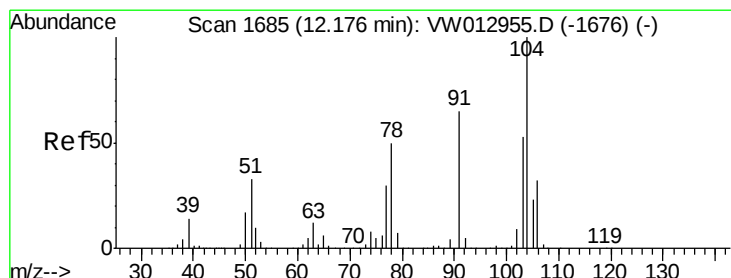
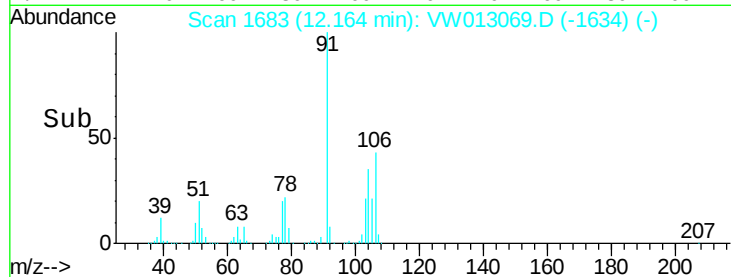
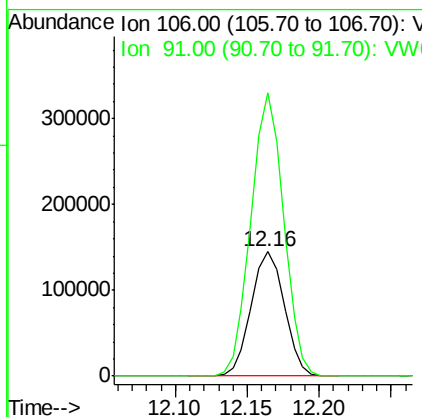
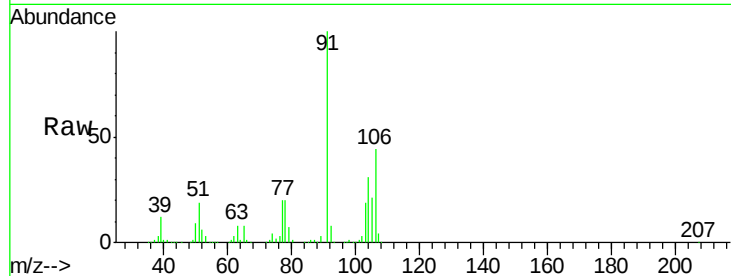
#69
o-Xylene
Concen: 50.545 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion:106 Resp: 232077
Ion Ratio Lower Upper
106 100
91 223.2 109.7 329.0

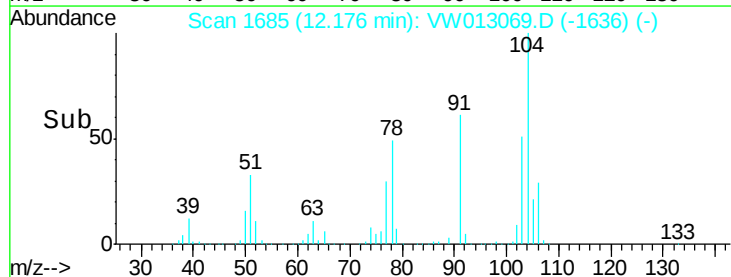
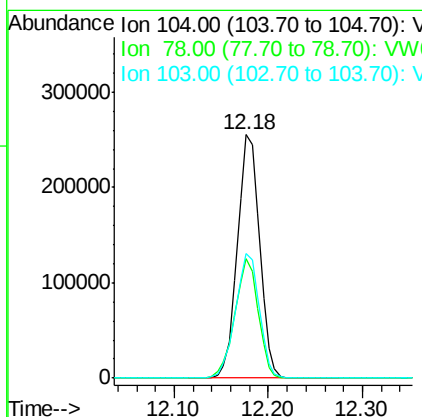
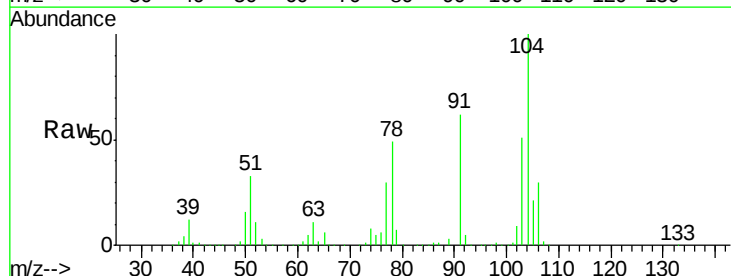
Manual Integrations
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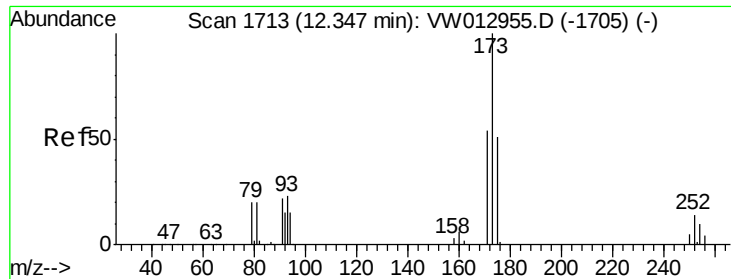
MMDadoda
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#70
Styrene
Concen: 51.372 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion:104 Resp: 419598
Ion Ratio Lower Upper
104 100
78 51.6 42.1 63.1
103 54.9 44.2 66.4





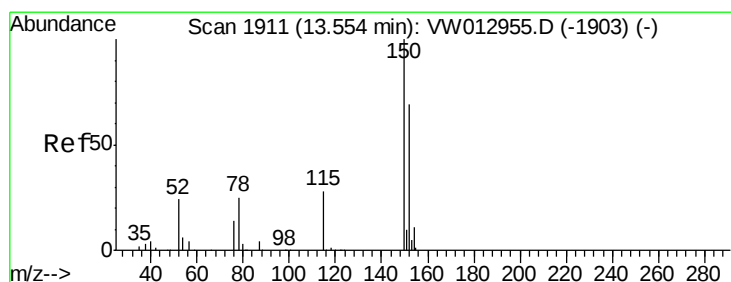
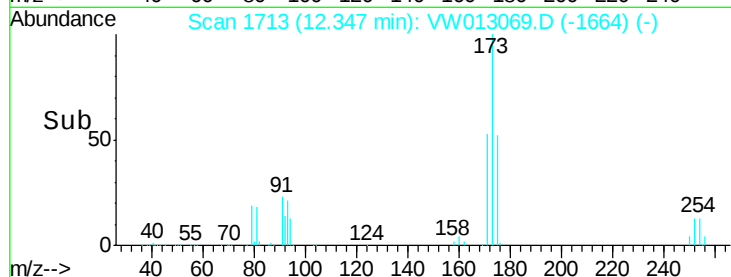
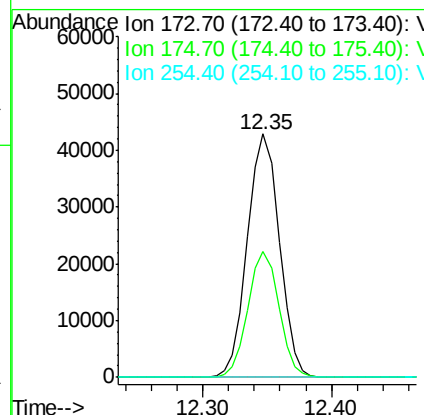
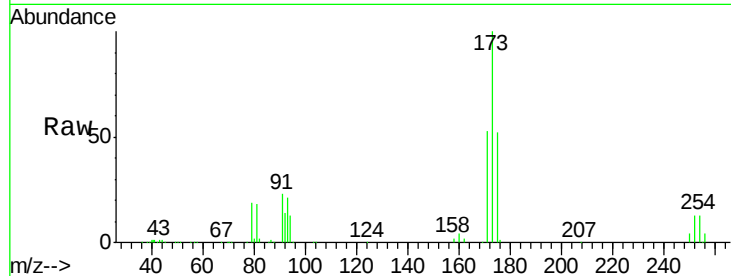
#71
Bromoform
Concen: 50.393 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.1	24.2	72.6
254	0.1	0.1	0.1

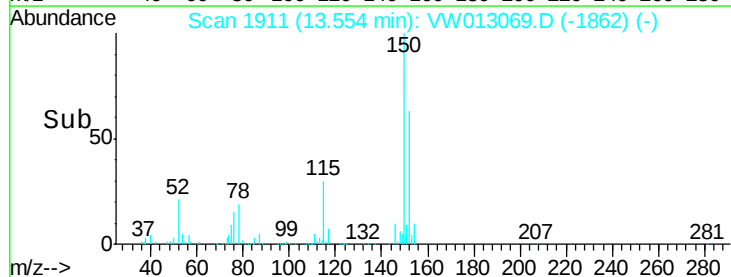
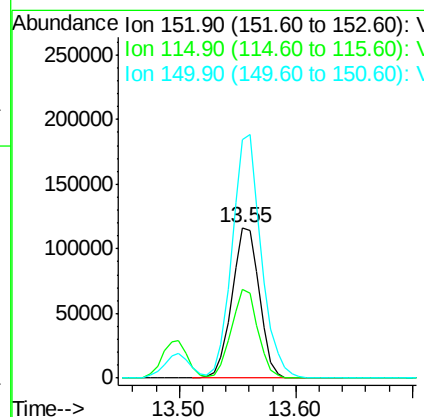
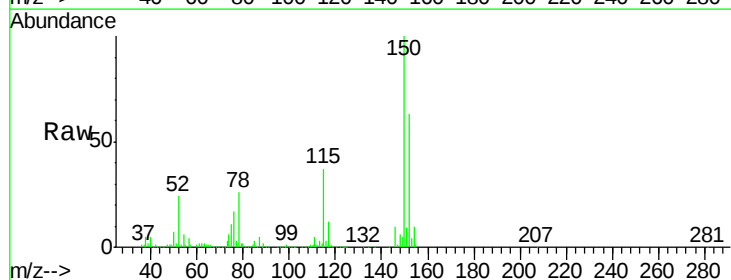
Manual Integrations
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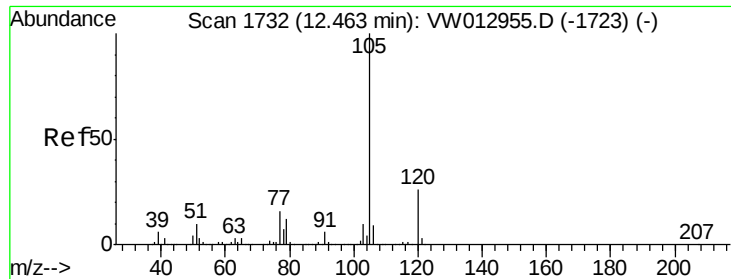
MMDadoda
9/18/2019 2:01:34 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.8	86.4
150	170.6	0.0	340.2





#73

Isopropylbenzene

Concen: 52.773 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion:105 Resp: 665042

Ion Ratio Lower Upper

105 100

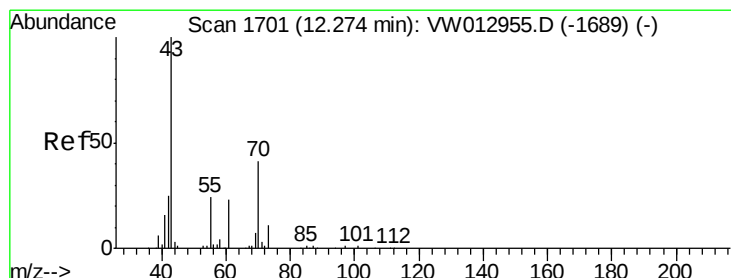
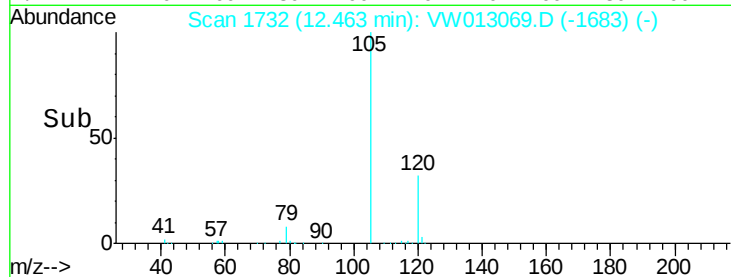
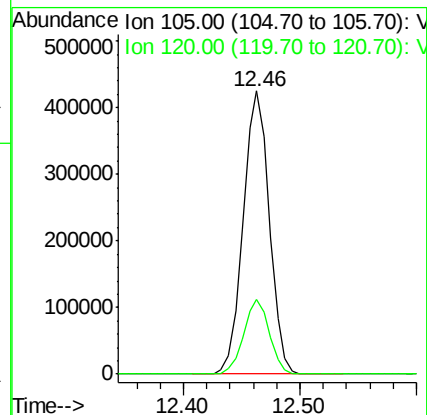
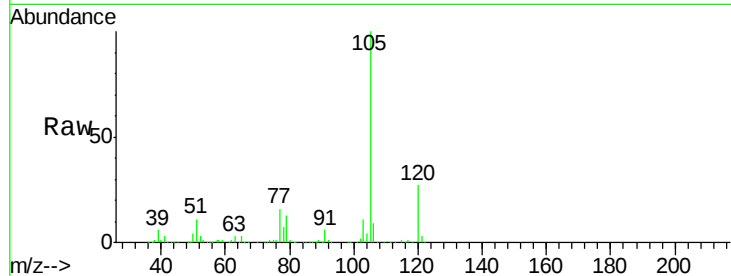
120 25.9 13.0 39.0

Manual Integrations

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MMDadoda

9/18/2019 2:01:34 PM



#74

N-ethyl acetate

Concen: 16.516 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion: 43 Resp: 53541

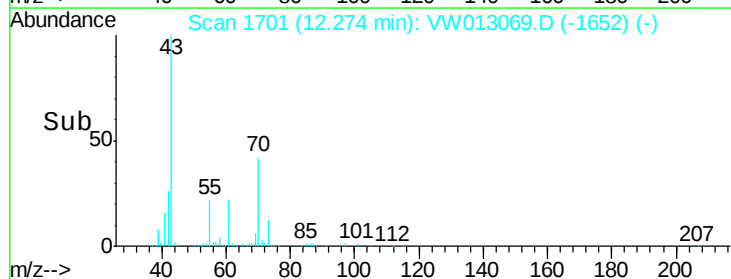
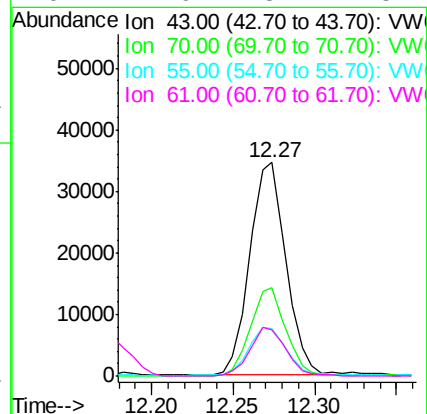
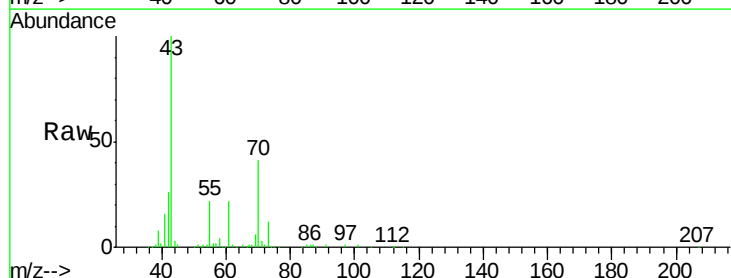
Ion Ratio Lower Upper

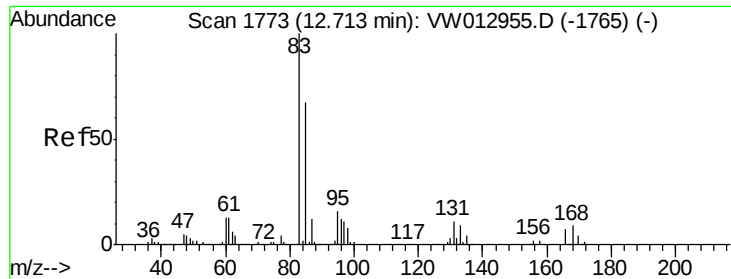
43 100

70 40.8 31.7 47.5

55 24.8 19.4 29.2

61 22.9 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 38.213 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

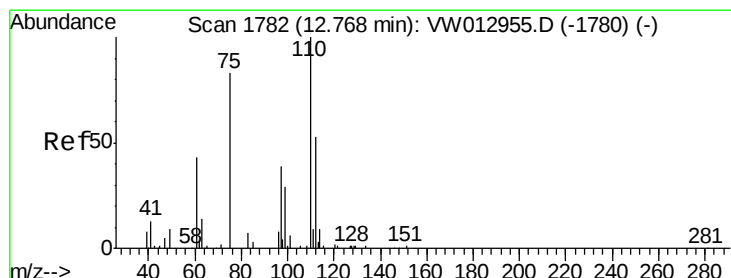
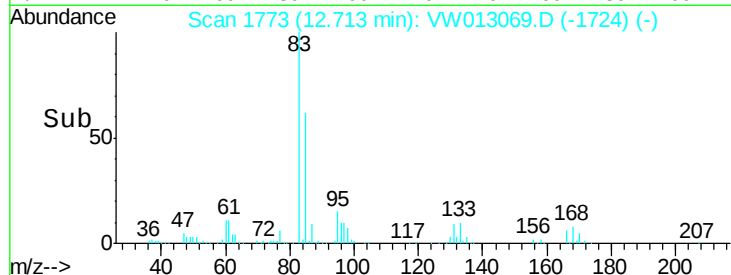
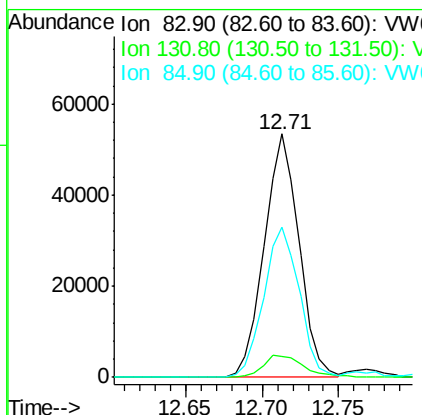
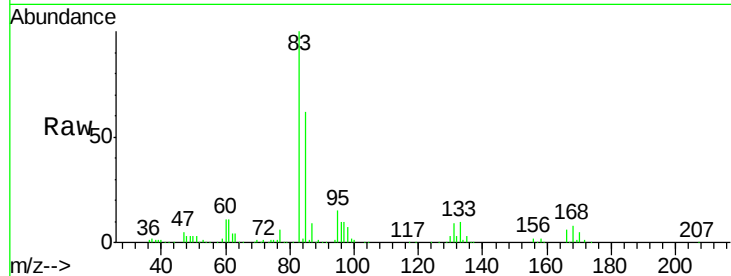
ClientSampleId :

SB-3C-(9)MSD

Tot Ion:	83	Resp:	84580
Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.7	17.1
85	63.2	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 59.913 ug/l m

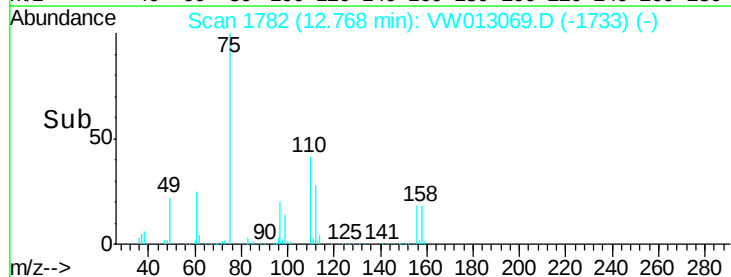
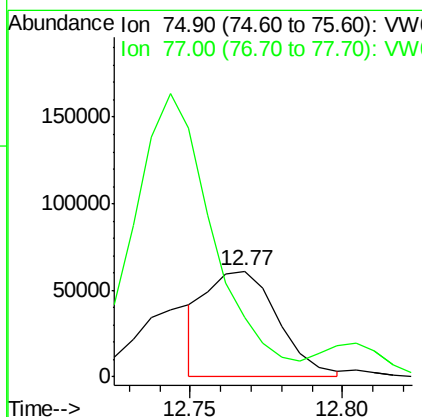
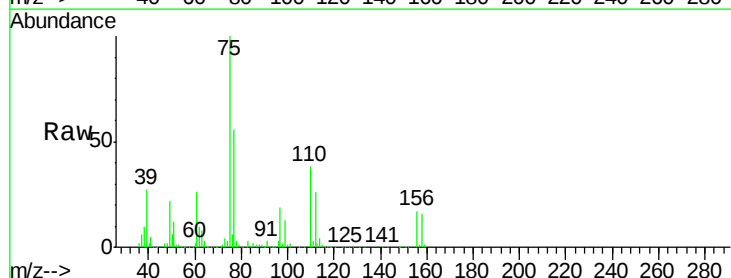
RT: 12.77 min Scan# 1782

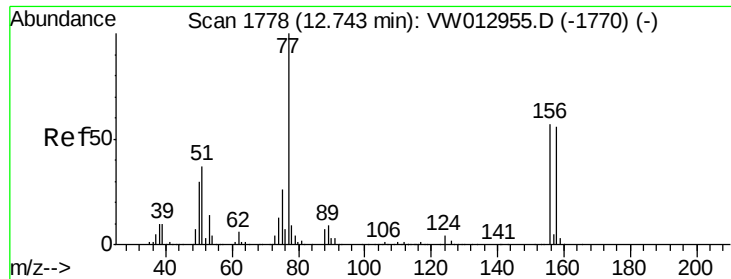
Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion:	75	Resp:	99775
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 53.199 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

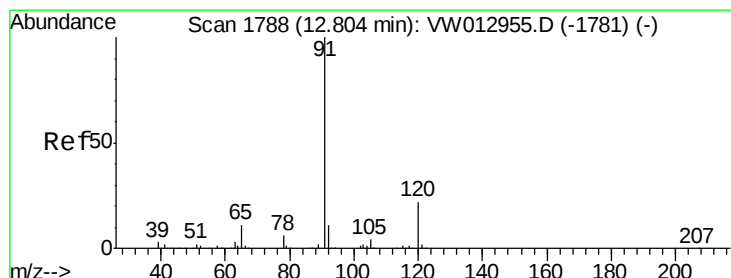
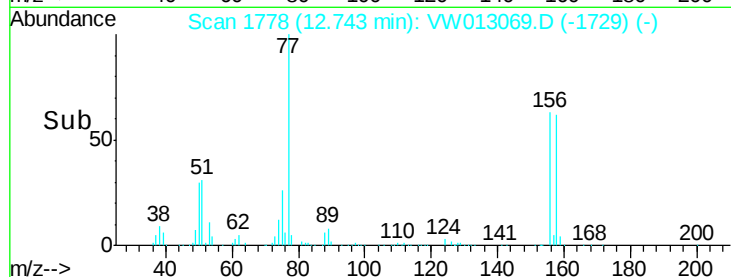
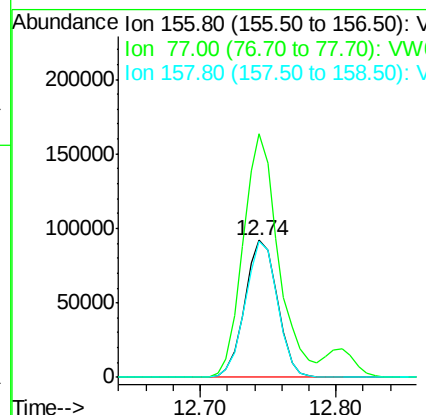
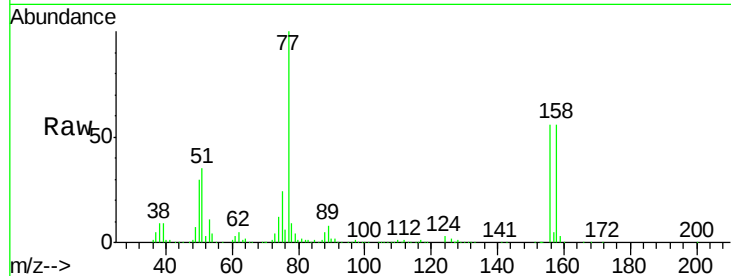
ClientSampleId :

SB-3C-(9)MSD

Tot Ion:	156	Resp:	154445
Ion Ratio	Lower	Upper	
156	100		
77	192.5	95.2	285.6
158	97.7	49.0	147.2

Manual Integrations
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#78

n-propylbenzene

Concen: 51.407 ug/l

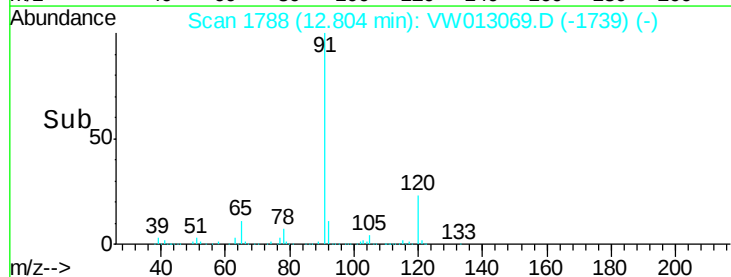
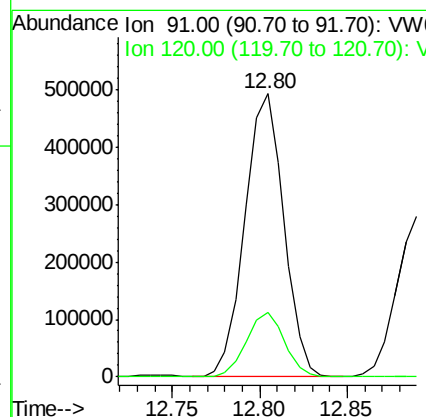
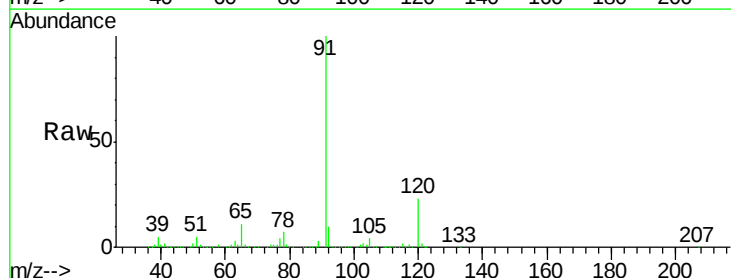
RT: 12.80 min Scan# 1788

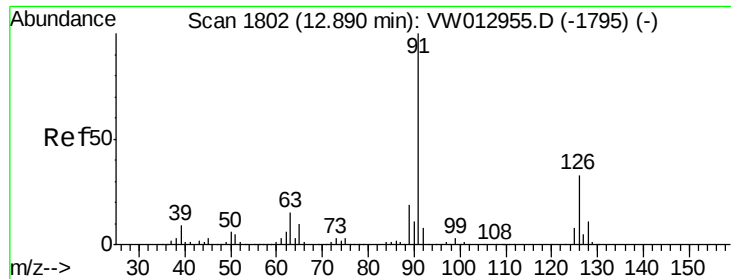
Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion:	91	Resp:	762034
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.2	33.5





#79

2-Chlorotoluene

Concen: 52.329 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion: 91 Resp: 445922

Ion Ratio Lower Upper

91 100

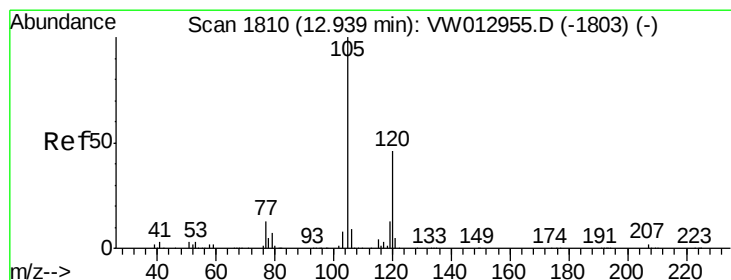
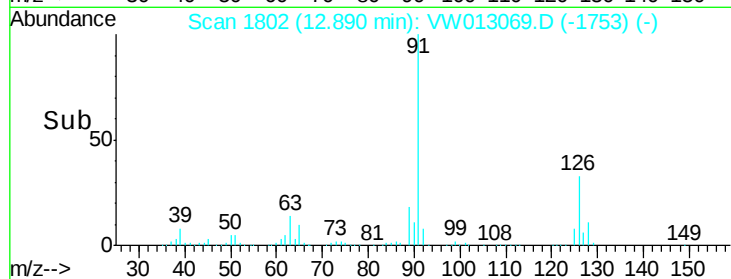
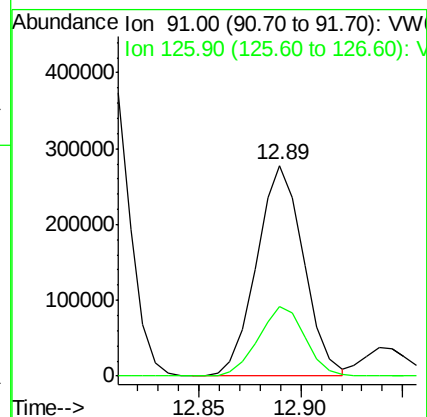
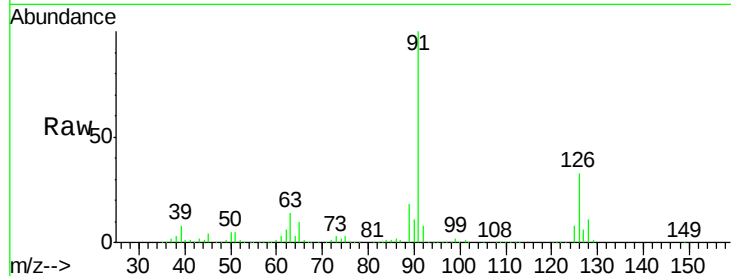
126 32.7 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.238 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW013069.D

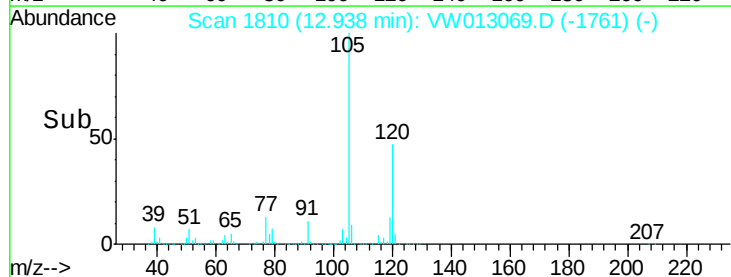
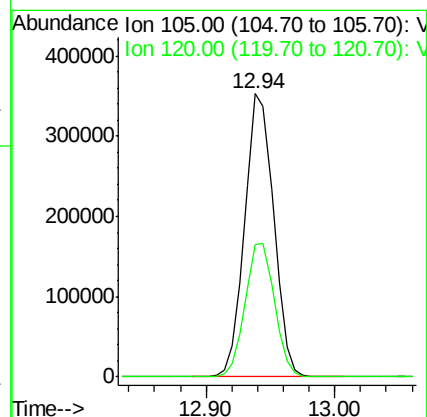
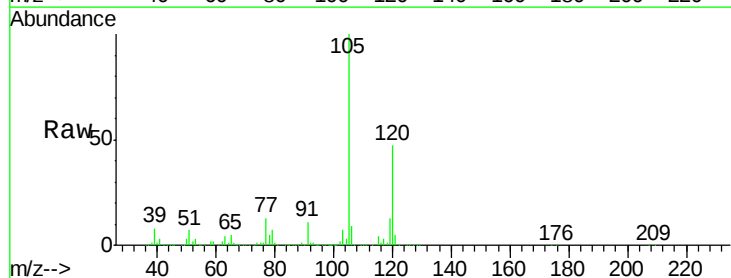
Acq: 17 Sep 2019 04:56

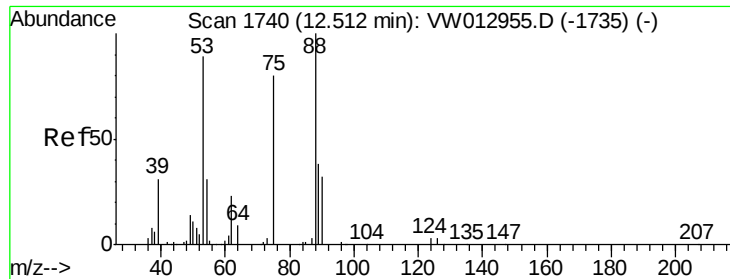
Tgt Ion:105 Resp: 546258

Ion Ratio Lower Upper

105 100

120 48.2 24.2 72.6





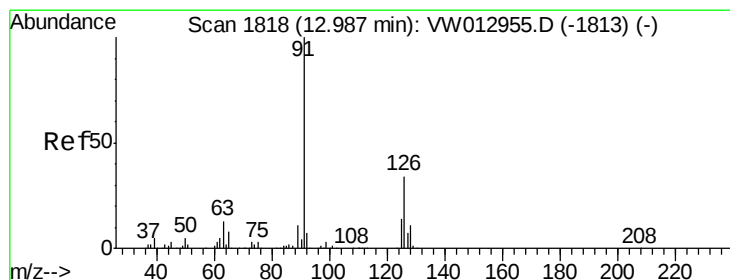
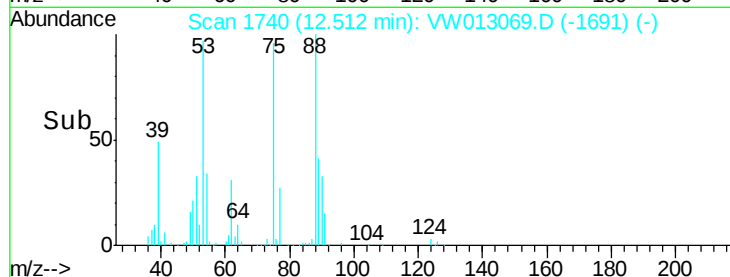
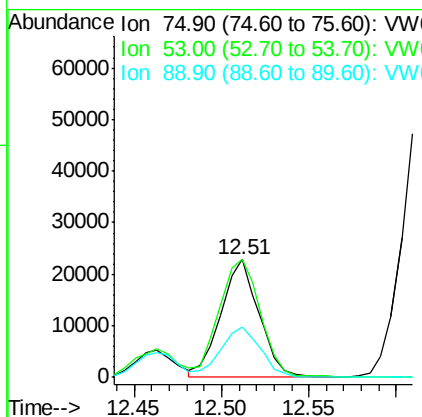
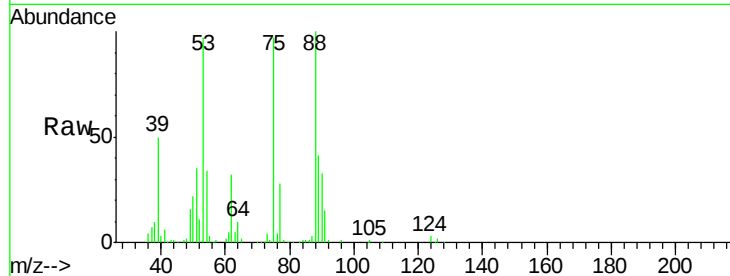
#81
trans-1,4-Dichloro-2-butene
Concen: 46.404 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.9	85.6	128.4
89	45.7	37.2	55.8

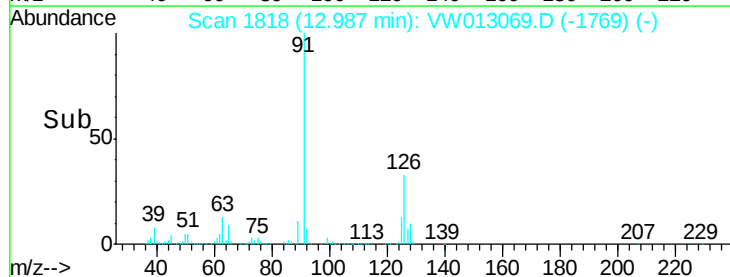
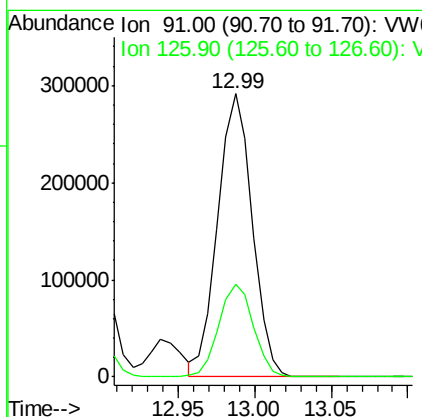
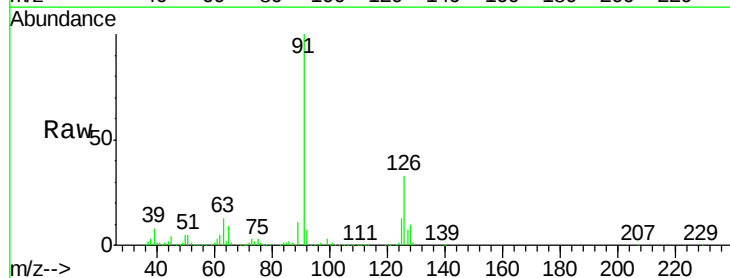
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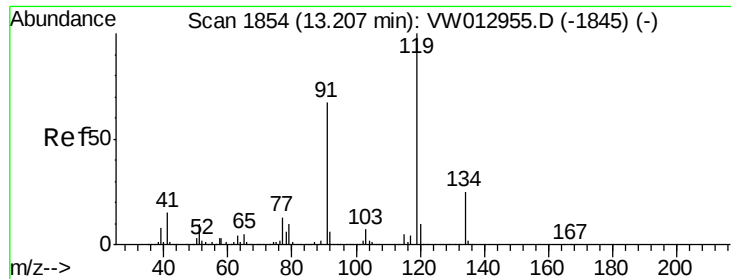
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#82
4-Chlorotoluene
Concen: 50.718 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.1	48.3





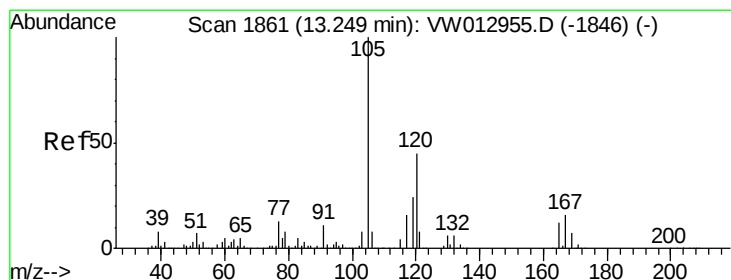
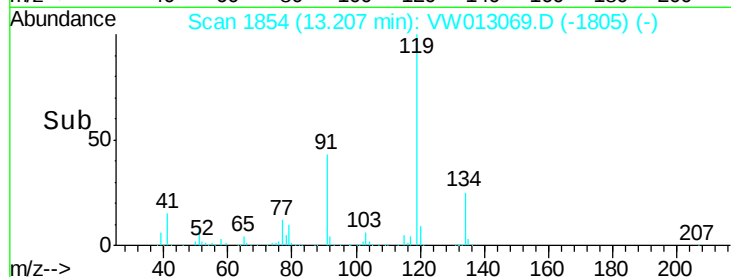
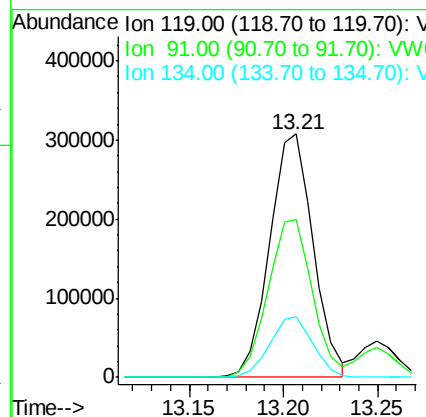
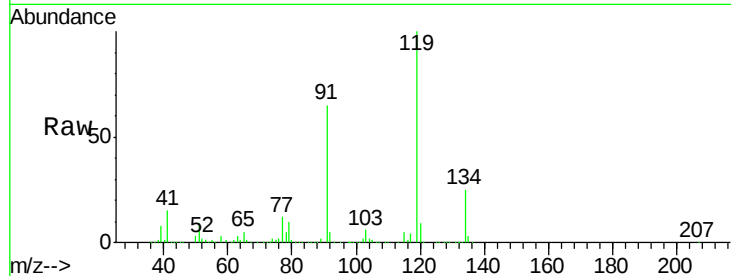
#83
 tert-Butylbenzene
 Concen: 51.421 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	490357		
91	66.4		32.6	98.0
134	24.6		12.4	37.4

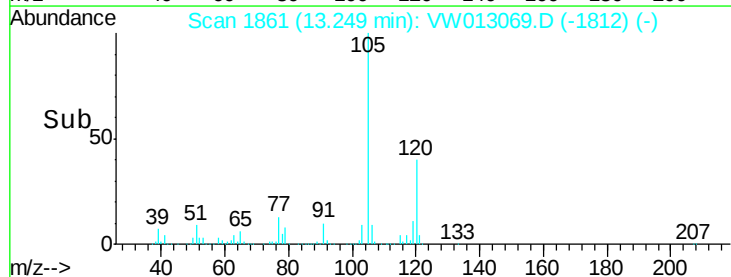
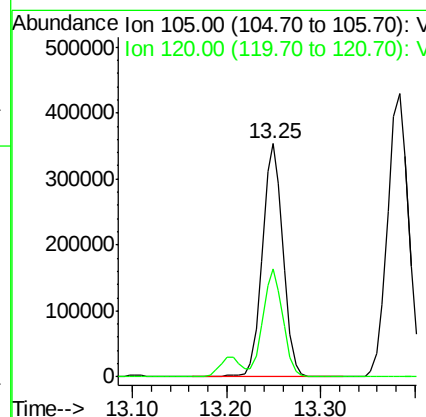
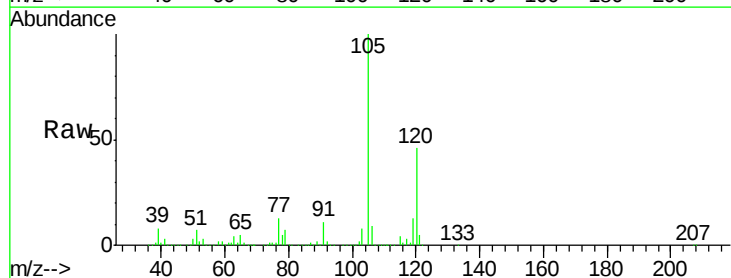
Manual Integrations
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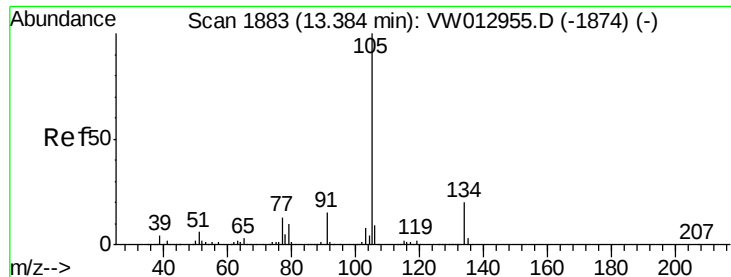
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.979 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	547594		
120	45.0		21.9	65.7





#85

sec-Butylbenzene

Concen: 51.026 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

SB-3C-(9)MSD

Tot Ion:105 Resp: 662940

Ion Ratio Lower Upper

105 100

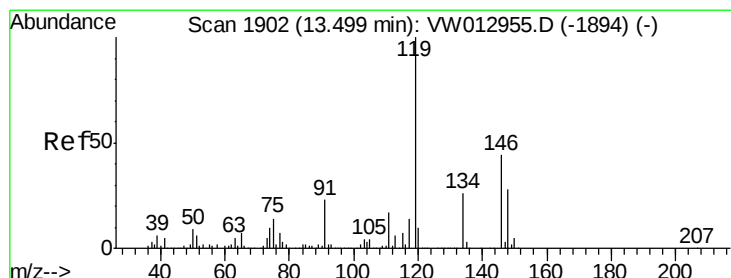
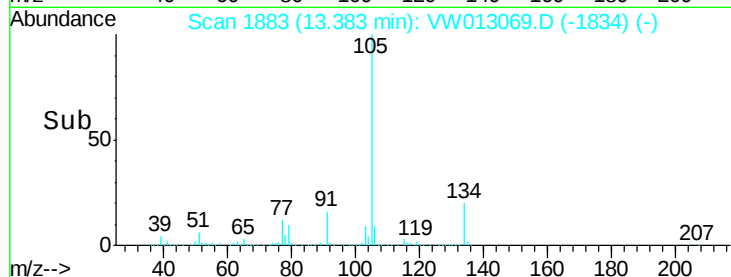
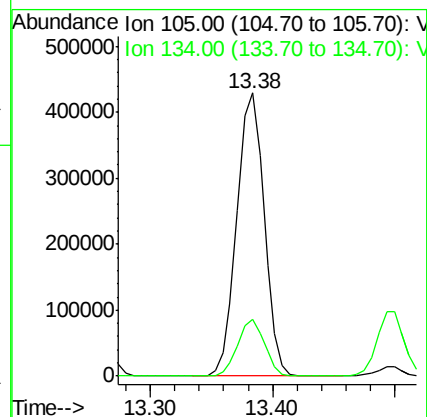
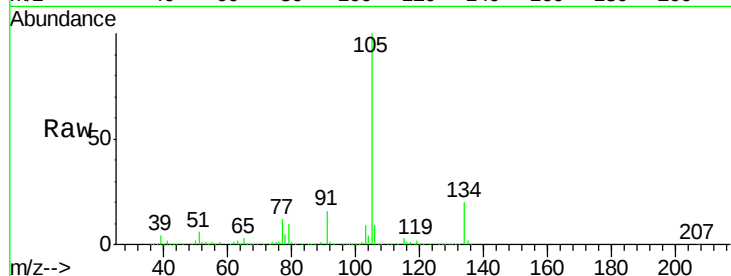
134 19.7 10.2 30.4

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#86

p-Isopropyltoluene

Concen: 50.327 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

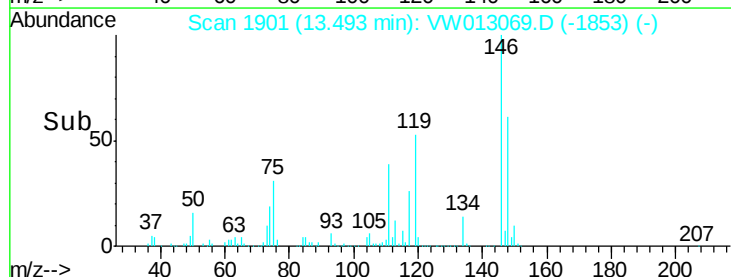
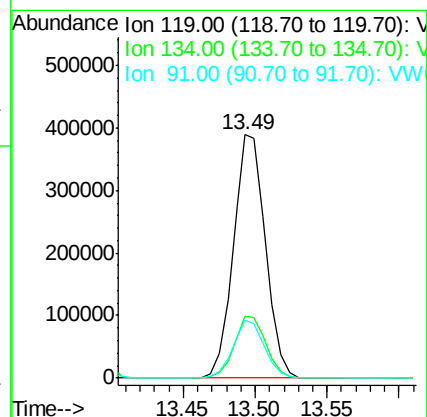
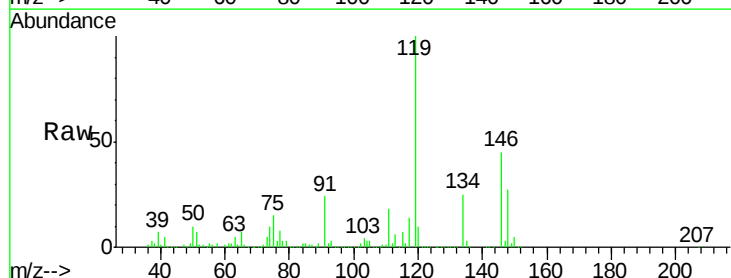
Tgt Ion:119 Resp: 600328

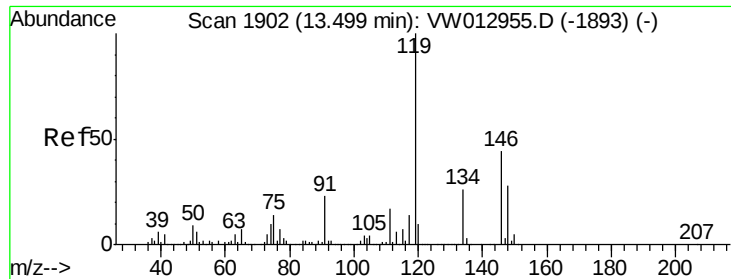
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.3

91 23.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 50.526 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Instrument :

MSVOA_W

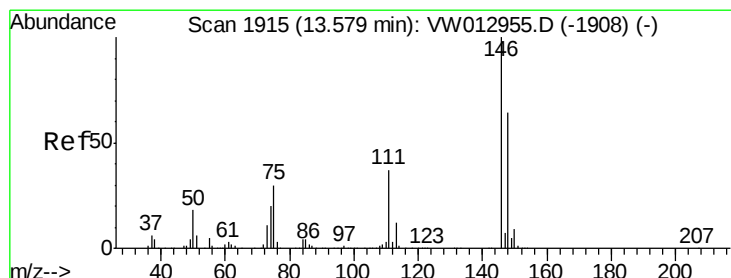
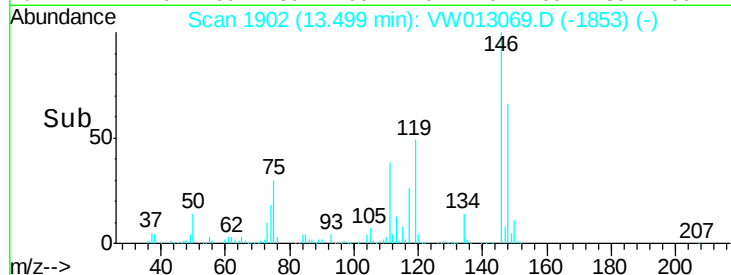
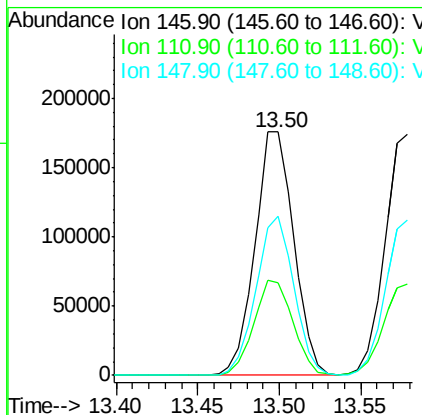
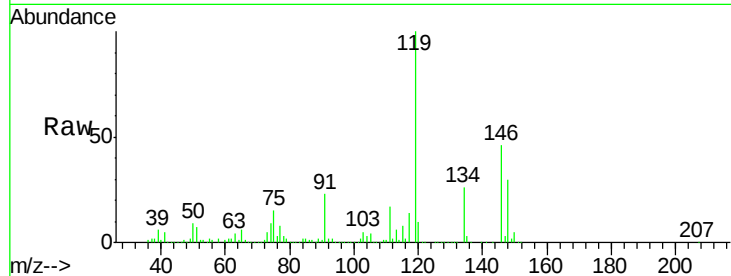
ClientSampleId :

SB-3C-(9)MSD

Tot Ion:	146	Resp:	290378
Ion Ratio	Lower	Upper	
146	100		
111	39.4	19.8	59.4
148	63.8	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 50.774 ug/l

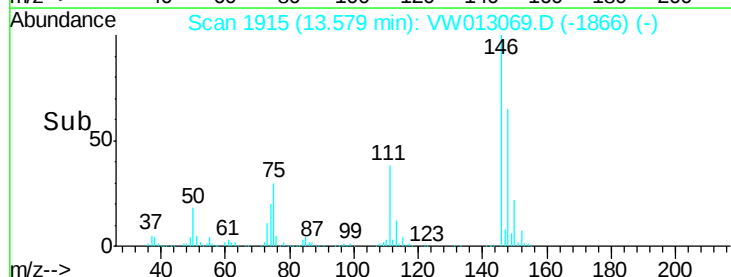
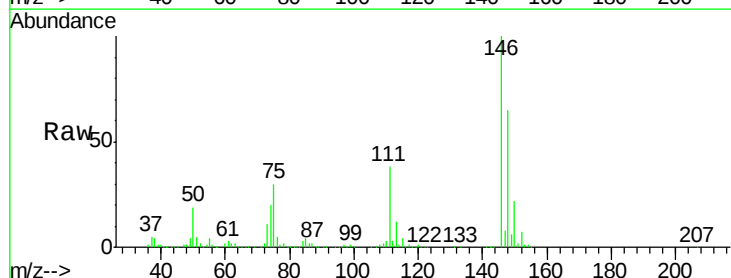
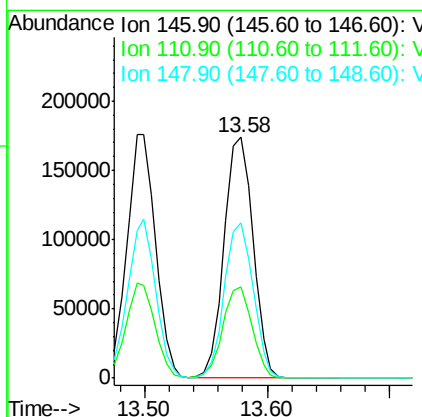
RT: 13.58 min Scan# 1915

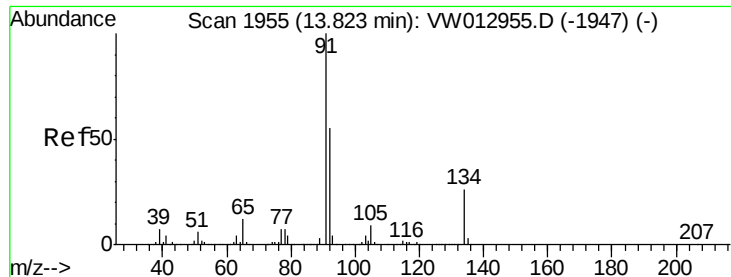
Delta R.T. -0.00 min

Lab File: VW013069.D

Acq: 17 Sep 2019 04:56

Tgt Ion:	146	Resp:	286751
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.4	58.2
148	64.1	31.9	95.5





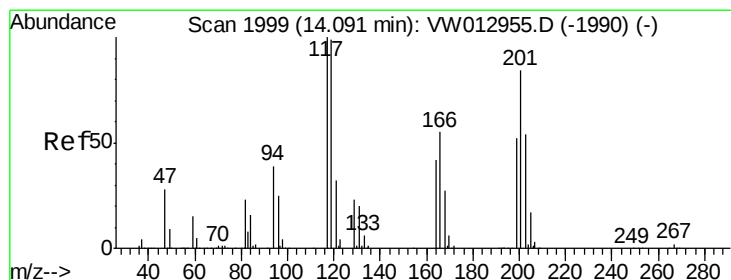
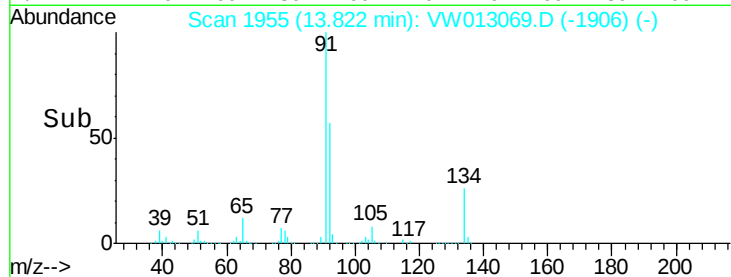
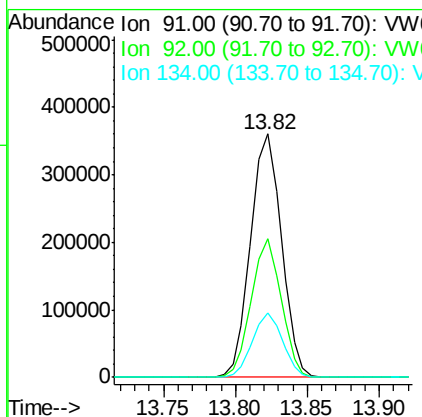
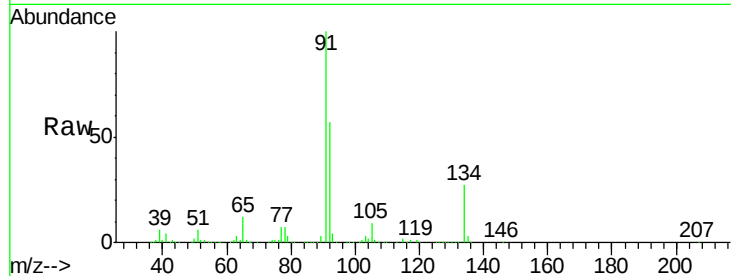
#89
n-Butylbenzene
Concen: 47.592 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.2	27.2	81.5
134	26.0	13.1	39.1

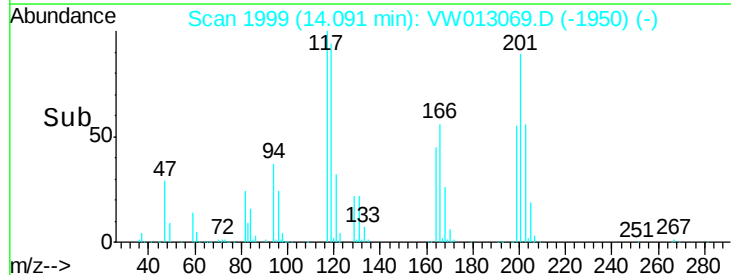
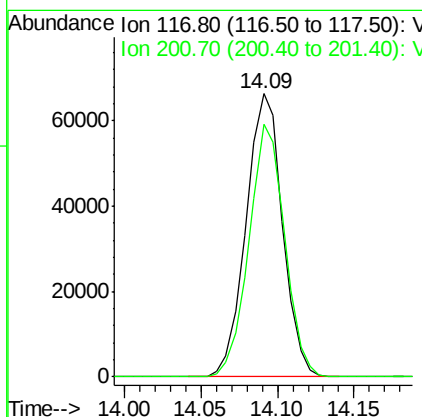
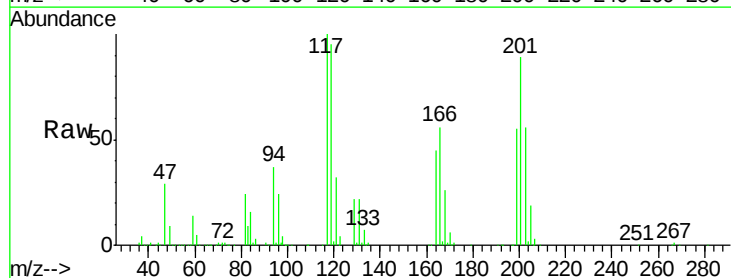
Manual Integrations
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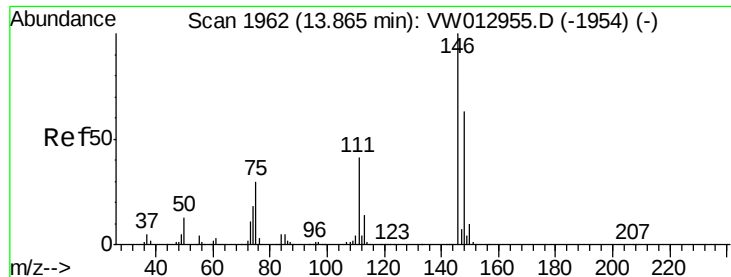
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#90
Hexachloroethane
Concen: 51.374 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.6	45.3	135.9





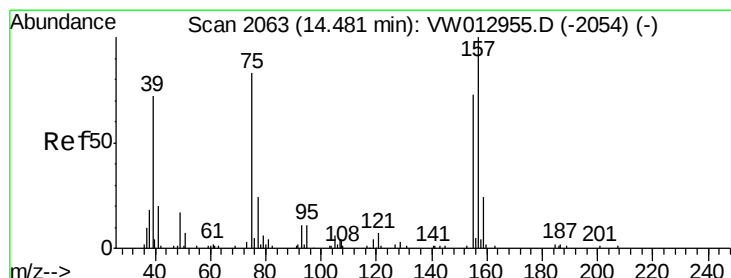
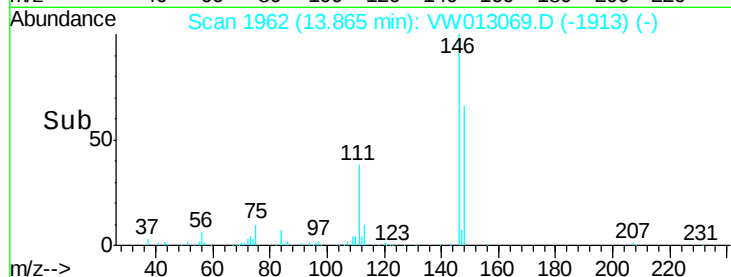
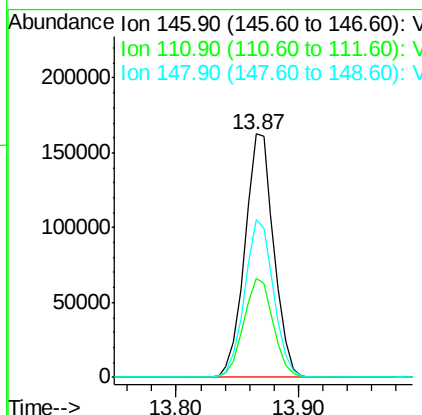
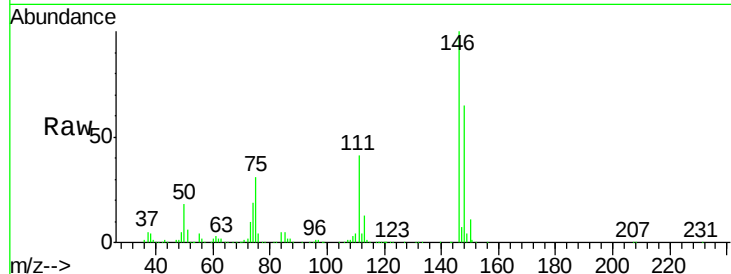
#91
 1,2-Dichlorobenzene
 Concen: 52.936 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.5
148	64.6	32.7	98.1

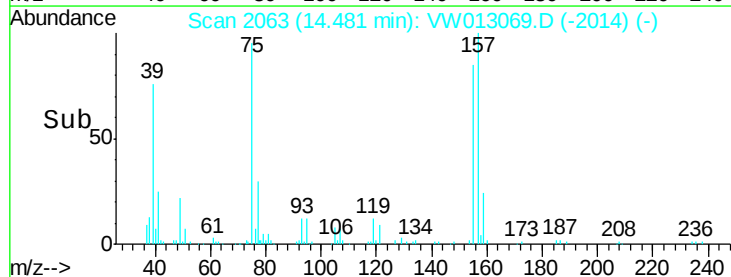
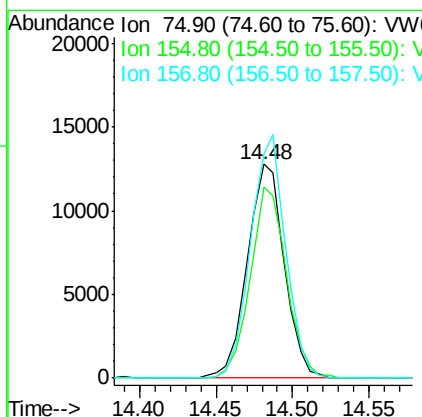
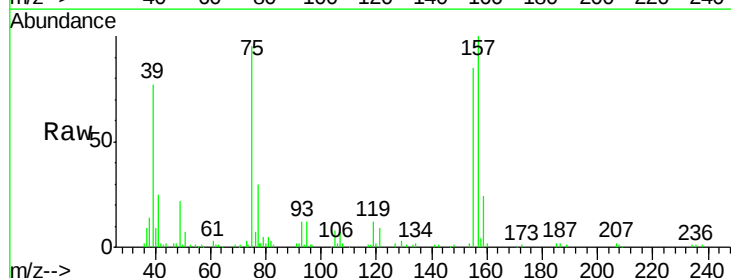
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.774 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.5	43.3	129.9
157	107.7	54.7	164.1





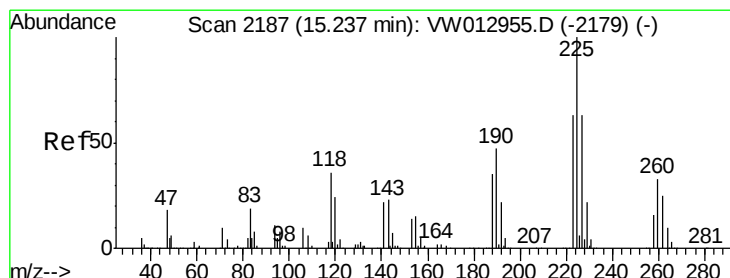
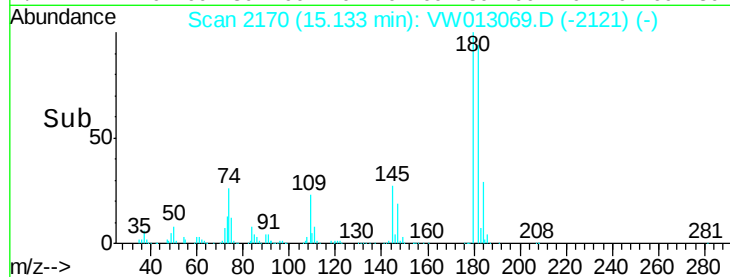
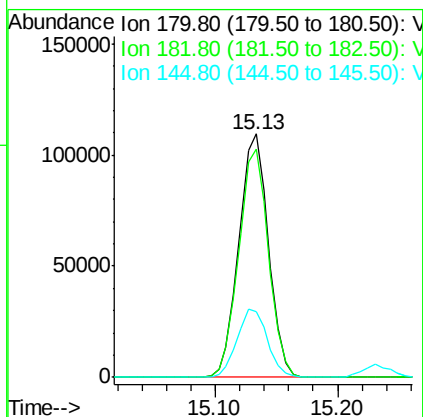
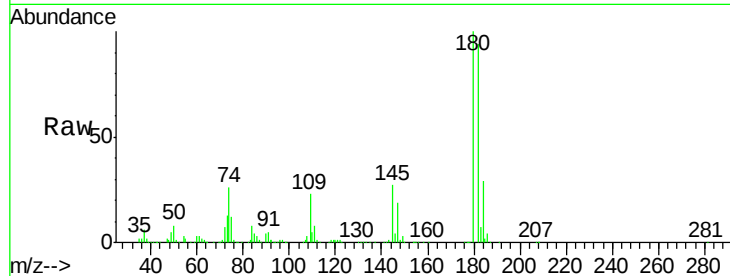
#93
 1,2,4-Trichlorobenzene
 Concen: 50.830 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-3C-(9)MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	183209		
182	94.4	47.4	142.2	
145	28.8	14.9	44.7	

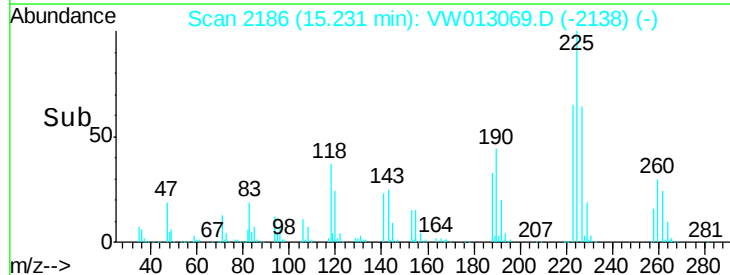
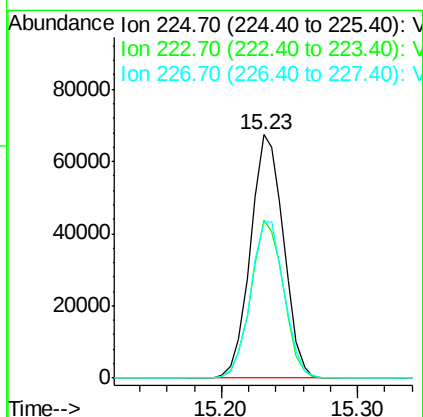
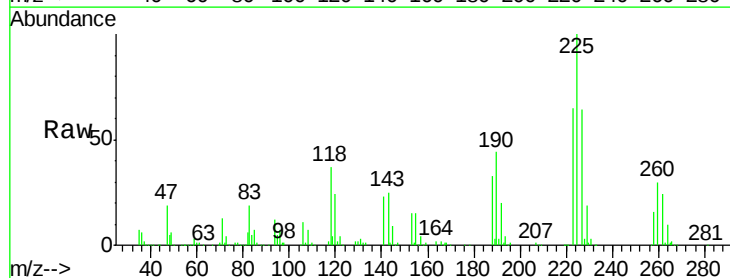
Manual Integrations
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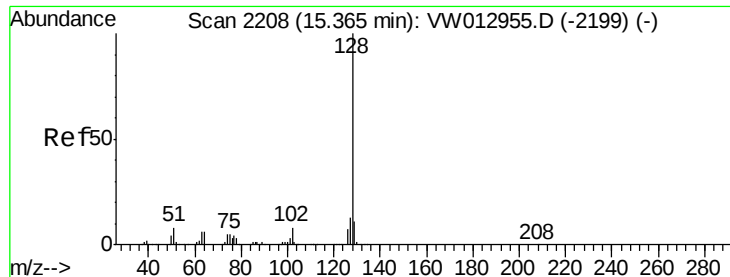
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#94
 Hexachlorobutadiene
 Concen: 44.935 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW013069.D
 Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114656		
223	64.0	31.8	95.3	
227	65.4	31.3	93.8	





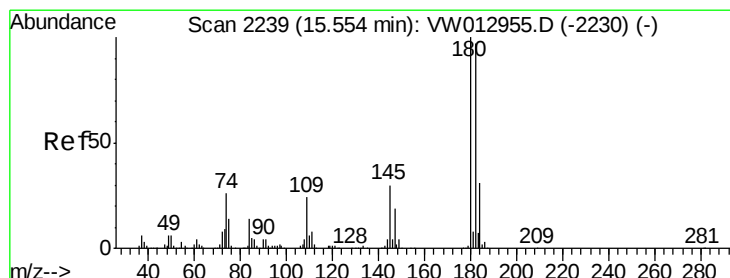
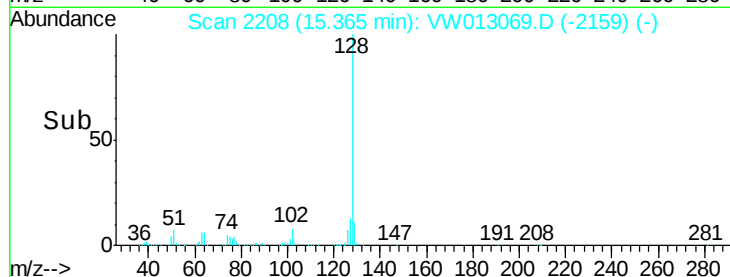
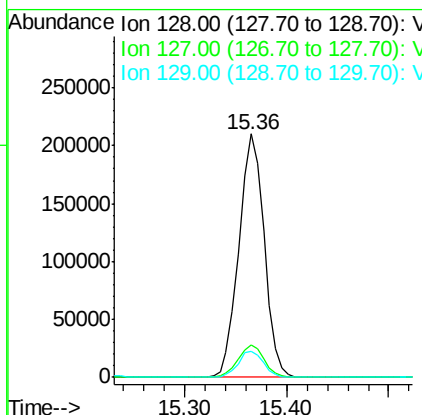
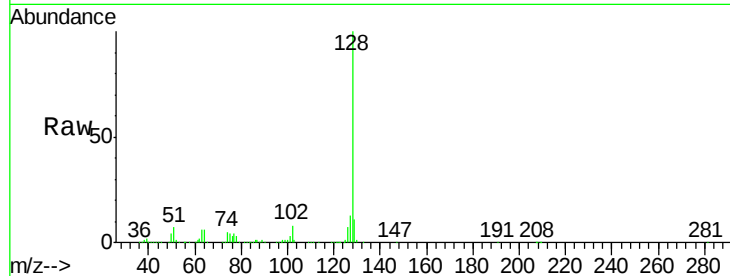
#95
Naphthalene
Concen: 59.878 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
SB-3C-(9)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.6
129	10.8	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 52.109 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW013069.D
Acq: 17 Sep 2019 04:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.6	142.8
145	31.0	15.4	46.2

