

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082219\
 Data File : VW012098.D
 Acq On : 22 Aug 2019 09:31
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/23/2019 10:54:47 AM

Quant Time: Aug 23 08:08:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	381967	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	162259	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	140528	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
35) Dibromofluoromethane	7.88	113	115122	53.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.44%	
50) Toluene-d8	10.32	98	468404	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.62	95	165138	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	67785	50.569	ug/l	92
3) Chloromethane	2.21	50	106491	45.815	ug/l	99
4) Vinyl Chloride	2.36	62	139045	49.688	ug/l	100
5) Bromomethane	2.77	94	74228	47.922	ug/l	99
6) Chloroethane	2.92	64	82988	51.917	ug/l	100
7) Trichlorofluoromethane	3.25	101	73686	58.919	ug/l	98
8) Diethyl Ether	3.68	74	71301	50.284	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	127869	53.899	ug/l	99
10) Methyl Iodide	4.27	142	169979	50.700	ug/l	99
11) Tert butyl alcohol	5.17	59	48296	235.950	ug/l	99
12) 1,1-Dichloroethene	4.04	96	128102	51.141	ug/l	98
13) Acrolein	3.89	56	42071	212.299	ug/l	100
14) Allyl chloride	4.67	41	276386	51.878	ug/l	99
15) Acrylonitrile	5.36	53	181247	256.058	ug/l	99
16) Acetone	4.12	43	222776	253.579	ug/l	100
17) Carbon Disulfide	4.38	76	365652	46.640	ug/l	100
18) Methyl Acetate	4.67	43	97186	49.243	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	211648	53.245	ug/l	95
20) Methylene Chloride	4.92	84	139319	45.982	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	136579	50.574	ug/l	98
22) Diisopropyl ether	6.31	45	521031	51.872	ug/l	98
23) Vinyl Acetate	6.25	43	1642376	260.216	ug/l	99
24) 1,1-Dichloroethane	6.21	63	278885	51.842	ug/l	99
25) 2-Butanone	7.17	43	286883	249.555	ug/l	99
26) 2,2-Dichloropropane	7.17	77	158997	48.059	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	148596	49.995	ug/l	100
28) Bromochloromethane	7.51	49	119315	49.969	ug/l	99
29) Tetrahydrofuran	7.52	42	169309	257.657	ug/l	99
30) Chloroform	7.67	83	252218	50.819	ug/l	97
31) Cyclohexane	7.95	56	255902	49.556	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	201617	53.342	ug/l	99
36) 1,1-Dichloropropene	8.08	75	212624	53.534	ug/l	99
37) Ethyl Acetate	7.25	43	118422	51.824	ug/l	99
38) Carbon Tetrachloride	8.07	117	184378	54.227	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	238364	54.503	ug/l	98
40) Benzene	8.32	78	574807	51.667	ug/l	100
41) Methacrylonitrile	7.48	41	72258	52.900	ug/l	95
42) 1,2-Dichloroethane	8.40	62	180176	51.728	ug/l	99
43) Isopropyl Acetate	8.42	43	224314	53.378	ug/l	99
44) Trichloroethene	9.09	130	140183	52.426	ug/l	98
45) 1,2-Dichloropropane	9.37	63	155755	52.324	ug/l	100
46) Dibromomethane	9.46	93	70668	52.014	ug/l	99
47) Bromodichloromethane	9.65	83	188310	52.839	ug/l	100
48) Methyl methacrylate	9.43	41	107251	53.129	ug/l	100
49) 1,4-Dioxane	9.45	88	22677	1152.752	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	582622	266.540	ug/l	100
52) Toluene	10.39	92	352782	52.510	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	195891	52.619	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	235619	53.230	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	101184	52.490	ug/l	98
56) Ethyl methacrylate	10.65	69	151040	53.545	ug/l	99
57) 1,3-Dichloropropane	10.93	76	189150	51.865	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	390194	304.656	ug/l	99
59) 2-Hexanone	10.97	43	430709	279.071	ug/l	100
60) Dibromochloromethane	11.13	129	115398	53.930	ug/l	99
61) 1,2-Dibromoethane	11.23	107	93333	51.163	ug/l	100
64) Tetrachloroethene	10.86	164	114115	52.890	ug/l	97
65) Chlorobenzene	11.66	112	352217	52.869	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	125390	54.034	ug/l	100
67) Ethyl Benzene	11.73	91	686921	54.138	ug/l	99
68) m/p-Xylenes	11.84	106	497389	107.792	ug/l	100
69) o-Xylene	12.16	106	230893	53.847	ug/l	99
70) Styrene	12.18	104	402048	54.229	ug/l	100
71) Bromoform	12.35	173	64071	54.152	ug/l #	99
73) Isopropylbenzene	12.46	105	652583	53.911	ug/l	100
74) N-amyl acetate	12.27	43	203999	53.829	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	118454	52.024	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81744m	47.612	ug/l	
77) Bromobenzene	12.75	156	140510	52.516	ug/l	100
78) n-propylbenzene	12.80	91	803280	54.527	ug/l	100
79) 2-Chlorotoluene	12.89	91	445625	52.507	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	547013	53.909	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	40310	54.110	ug/l	97
82) 4-Chlorotoluene	12.99	91	470782	52.870	ug/l	100
83) tert-Butylbenzene	13.21	119	470577	55.458	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	545227	53.341	ug/l	99
85) sec-Butylbenzene	13.38	105	667513	55.132	ug/l	100
86) p-Isopropyltoluene	13.50	119	597603	54.400	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	275471	52.509	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	272116	52.142	ug/l	99
89) n-Butylbenzene	13.82	91	608808	55.535	ug/l	99
90) Hexachloroethane	14.09	117	105640	54.383	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	241174	51.977	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20128	51.840	ug/l	99

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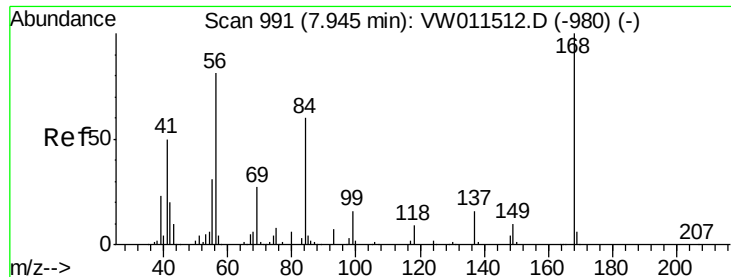
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	178785	54.672	ug/l	99
94) Hexachlorobutadiene	15.24	225	113746	55.777	ug/l	98
95) Naphthalene	15.36	128	324456	50.624	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	155183	54.138	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 240518

Ion Ratio Lower Upper

168 100

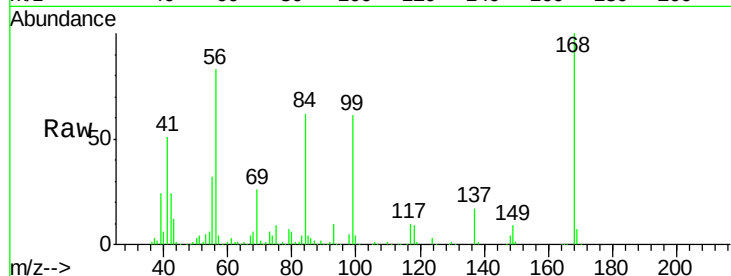
99 60.5 48.2 72.4

Manual Integrations

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8/23/2019 10:54:47 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

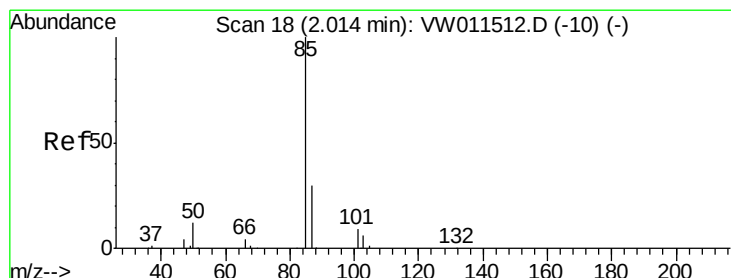
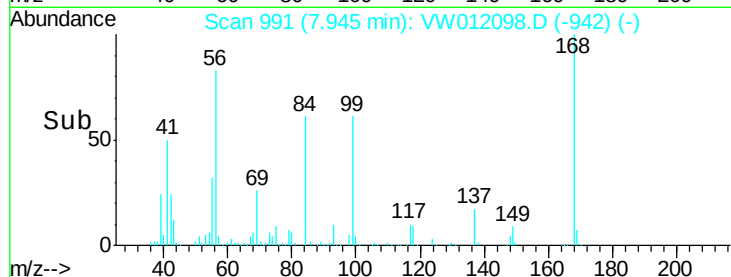
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 50.569 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW012098.D

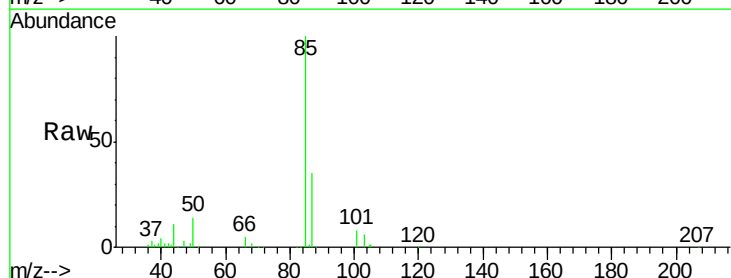
Acq: 22 Aug 2019 09:31

Tgt Ion: 85 Resp: 67785

Ion Ratio Lower Upper

85 100

87 34.7 15.2 45.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

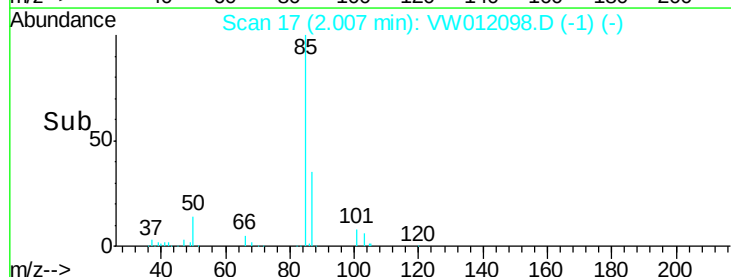
15000

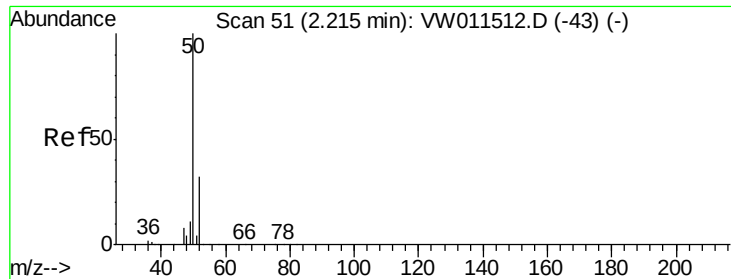
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 45.815 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 106491

Ion Ratio Lower Upper

50 100

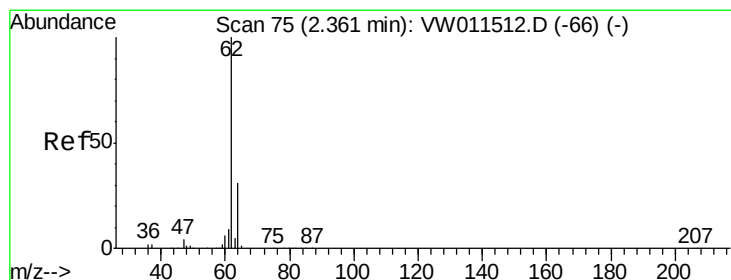
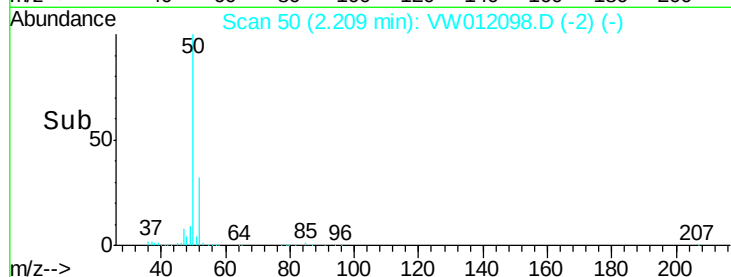
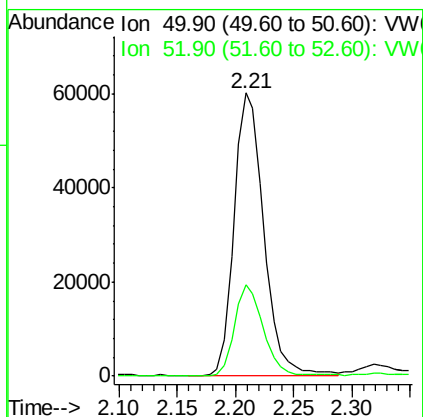
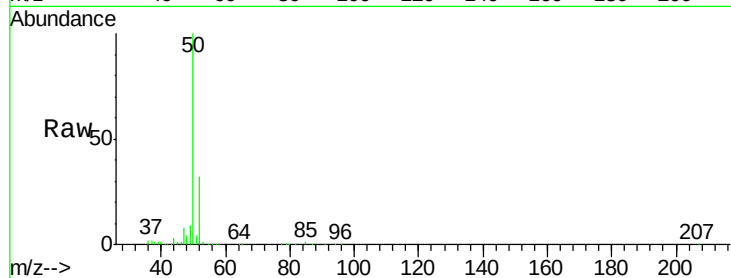
52 32.5 25.4 38.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.688 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012098.D

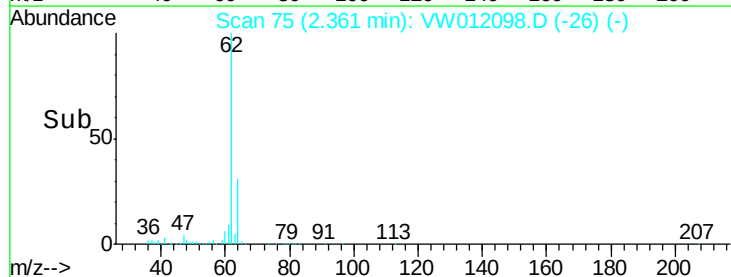
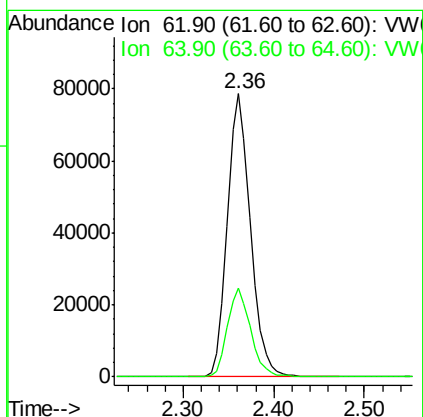
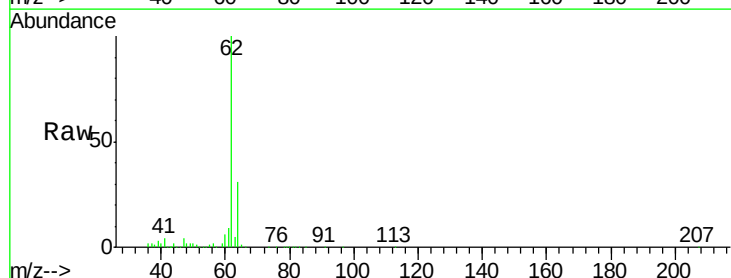
Acq: 22 Aug 2019 09:31

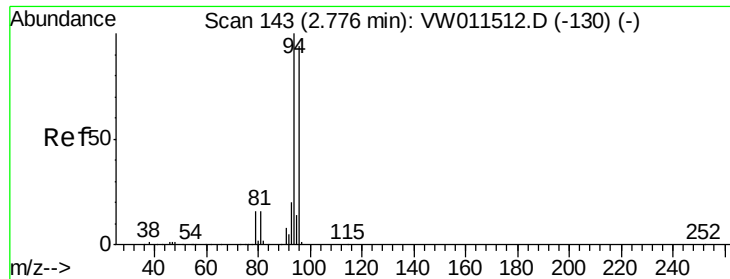
Tgt Ion: 62 Resp: 139045

Ion Ratio Lower Upper

62 100

64 31.3 25.0 37.4





#5

Bromomethane

Concen: 47.922 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 74228

Ion Ratio Lower Upper

94 100

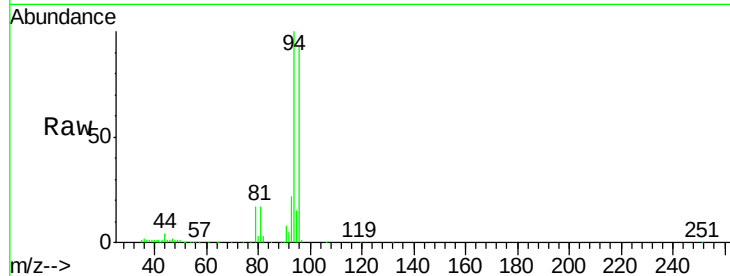
96 92.7 75.0 112.6

Manual Integrations

APPROVED

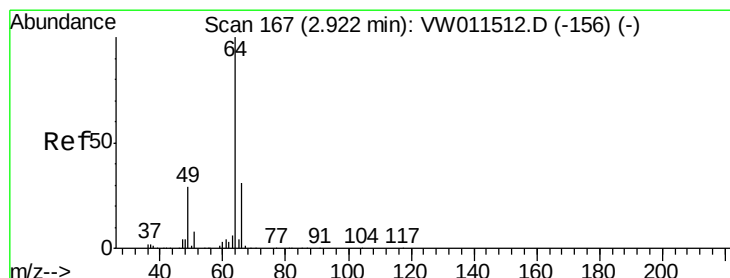
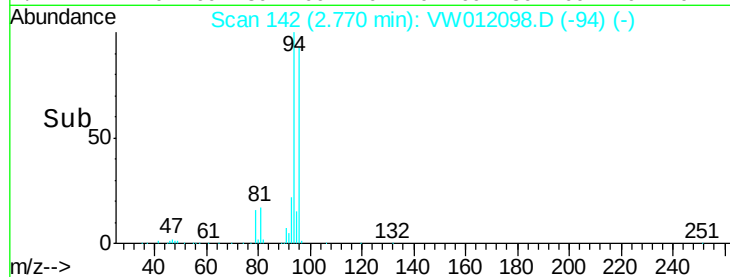
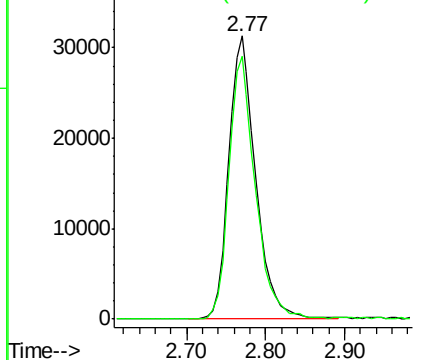
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 51.917 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW012098.D

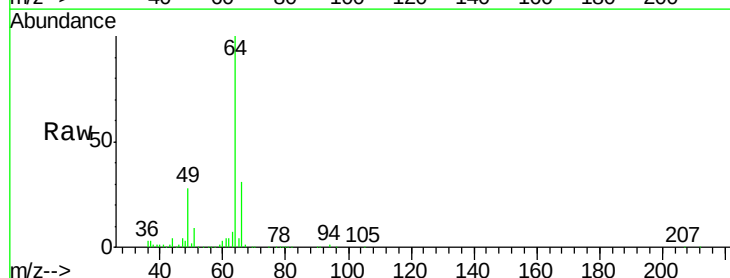
Acq: 22 Aug 2019 09:31

Tgt Ion: 64 Resp: 82988

Ion Ratio Lower Upper

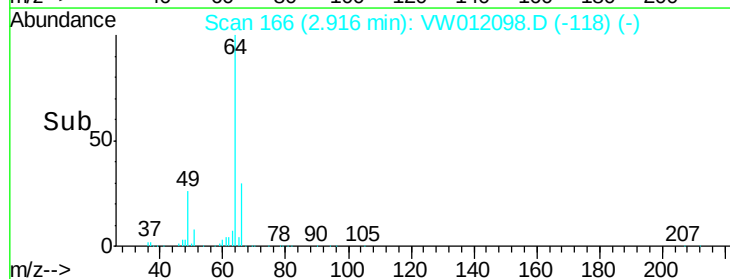
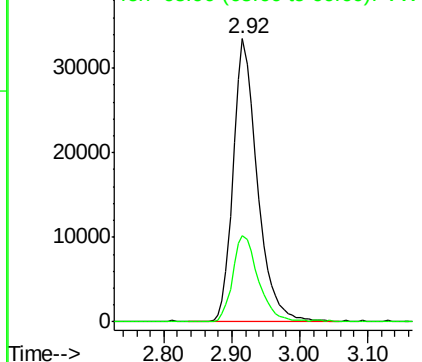
64 100

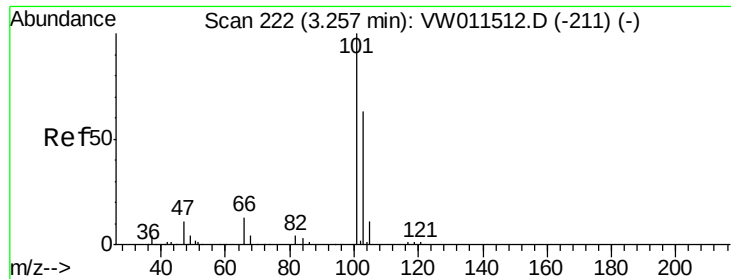
66 30.7 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

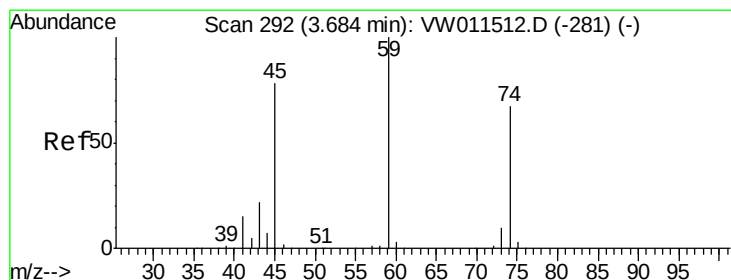
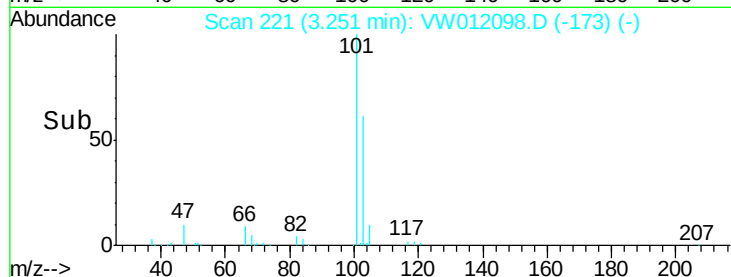
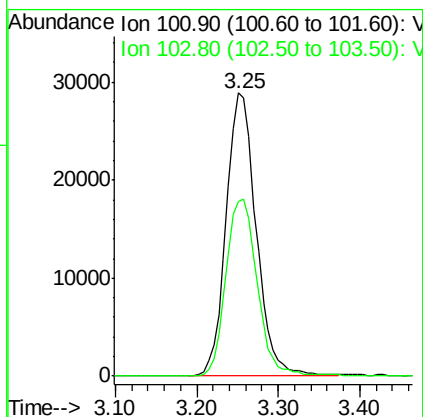
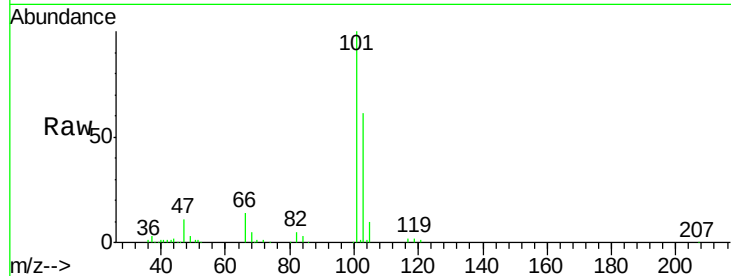
Trichlorofluoromethane
Concen: 58.919 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.5	50.2	75.4

Manual Integrations
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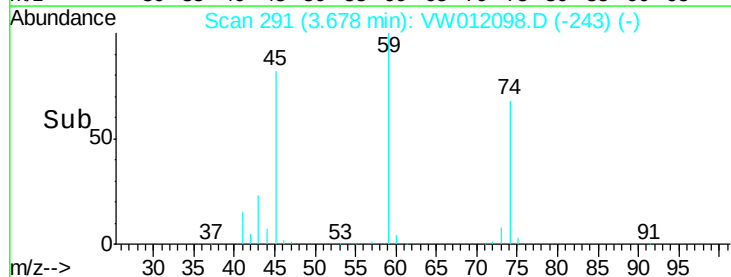
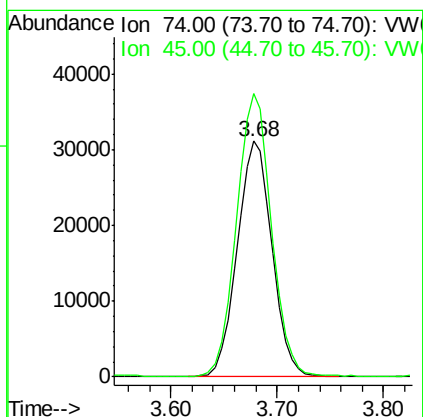
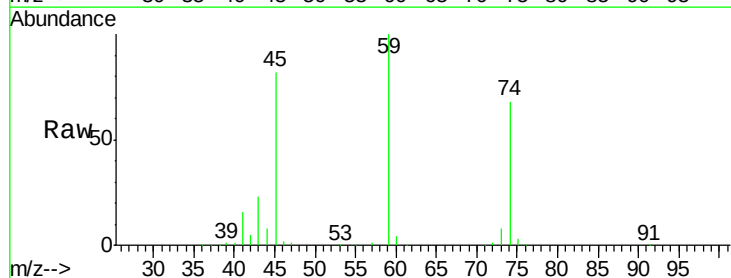
MMDadoda
8/23/2019 10:54:47 AM

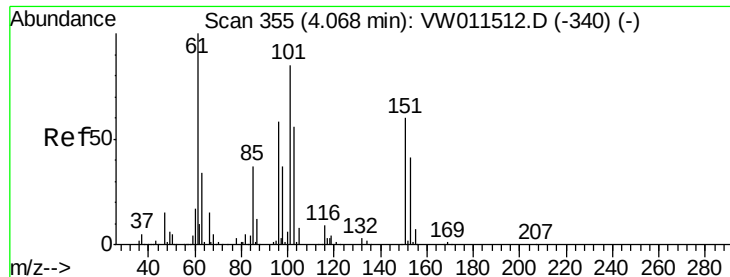


#8

Diethyl Ether
Concen: 50.284 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	120.6	59.6	178.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.899 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

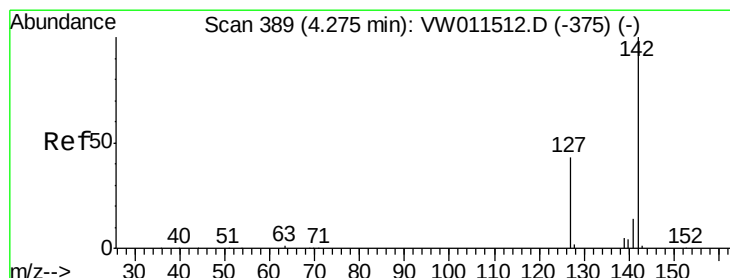
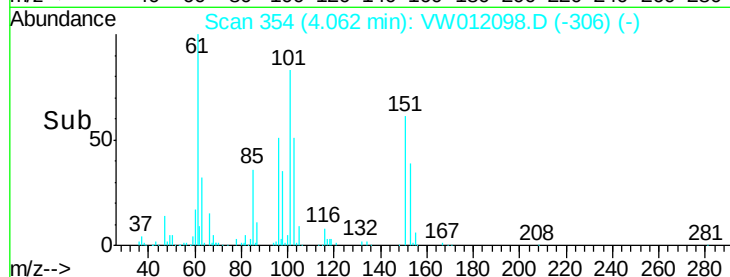
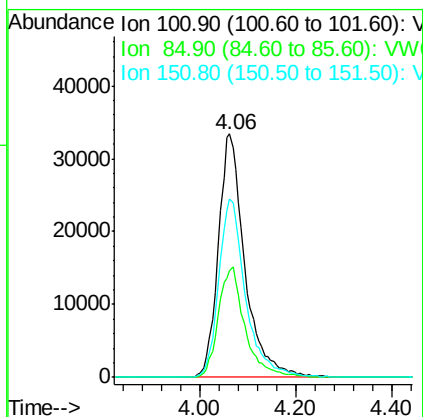
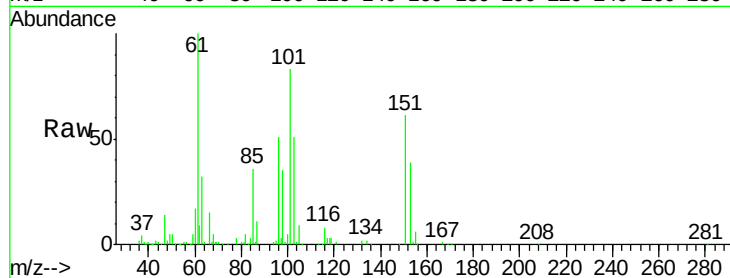
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	127869
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.6	54.8
151	74.2	60.2	90.2

Manual Integrations
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MMDadoda
8/23/2019 10:54:47 AM



#10

Methyl Iodide

Concen: 50.700 ug/l

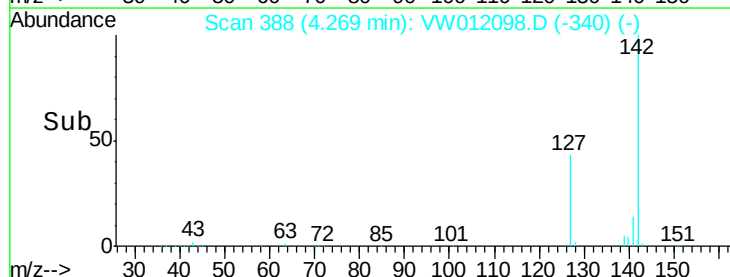
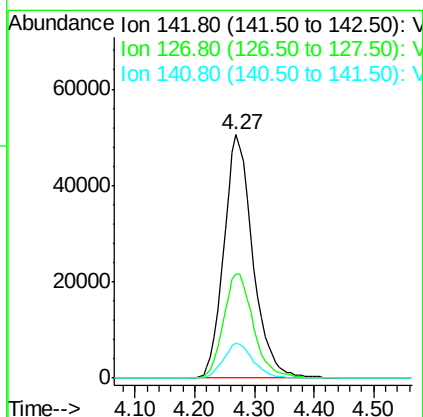
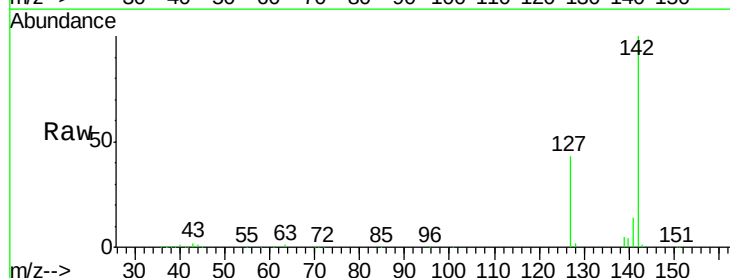
RT: 4.27 min Scan# 388

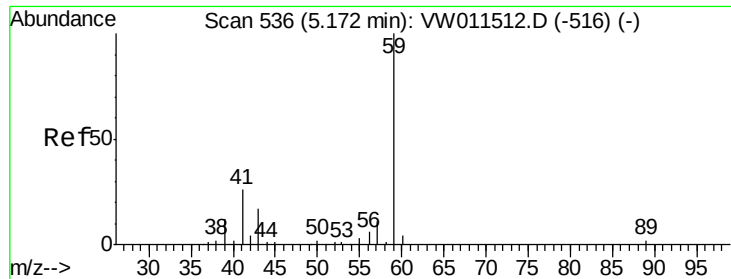
Delta R.T. -0.01 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Tgt Ion:	142	Resp:	169979
Ion Ratio	Lower	Upper	
142	100		
127	44.5	35.0	52.6
141	14.8	11.9	17.9





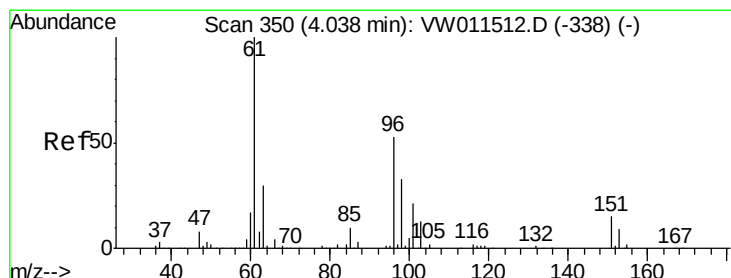
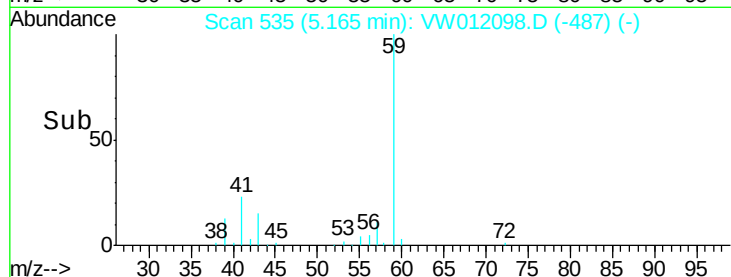
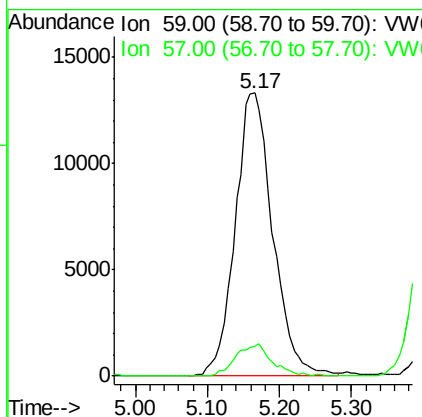
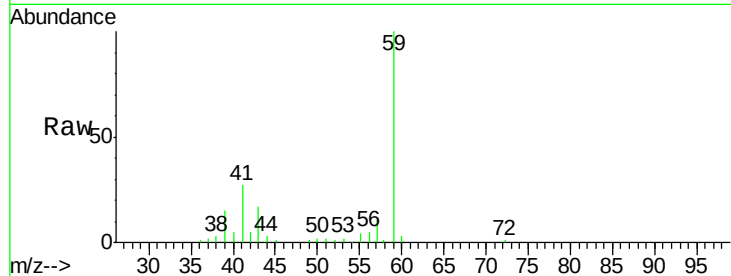
#11
Tert butyl alcohol
Concen: 235.950 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	10.8	Resp	Lower	Upper
59	100					48296		
57		10.8					8.5	12.7

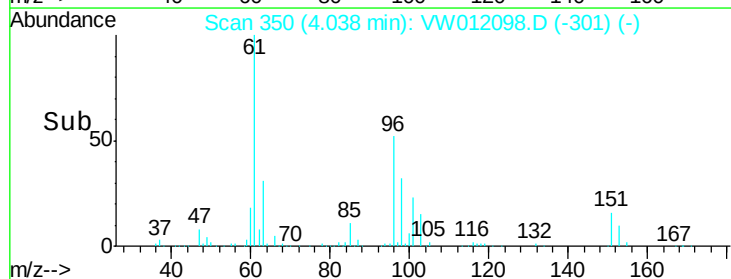
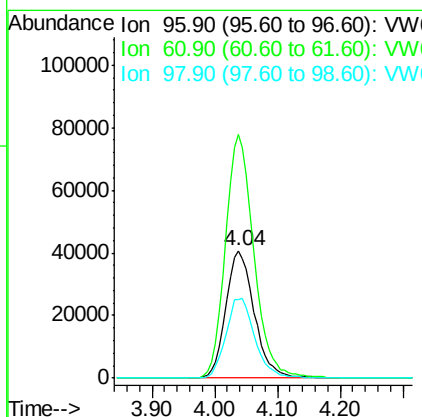
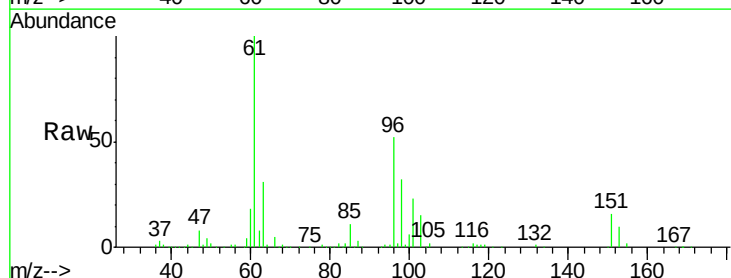
Manual Integrations
APPROVED

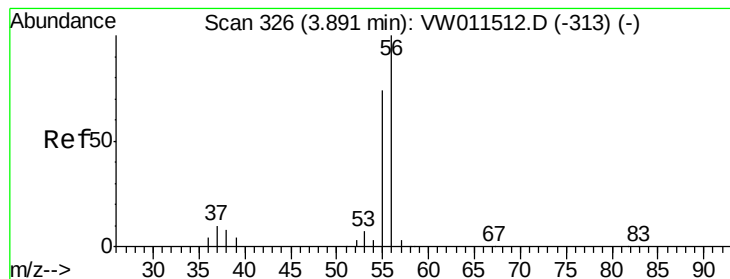
MMDadoda
8/23/2019 10:54:47 AM



#12
1,1-Dichloroethene
Concen: 51.141 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	96	61	98	Ratio	100	190.6	61.7	Resp	Lower	Upper
96	100							128102		
61		190.6				149.9			224.9	
98		61.7				49.1			73.7	





#13

Acrolein

Concen: 212.299 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 42071

Ion Ratio Lower Upper

56 100

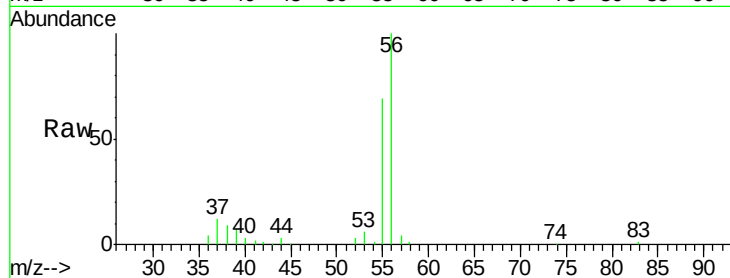
55 70.1 56.0 84.0

Manual Integrations

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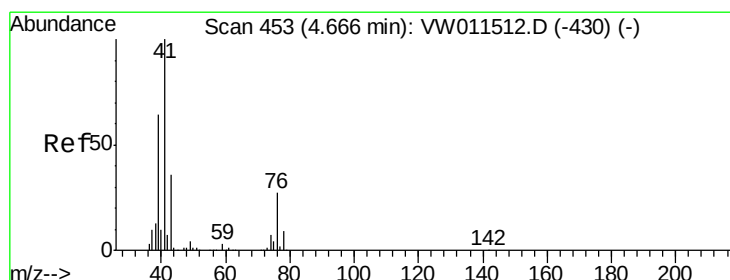
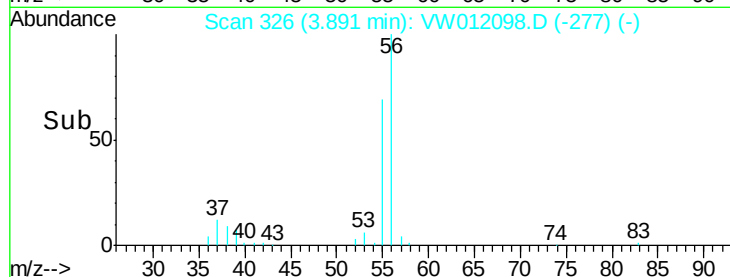
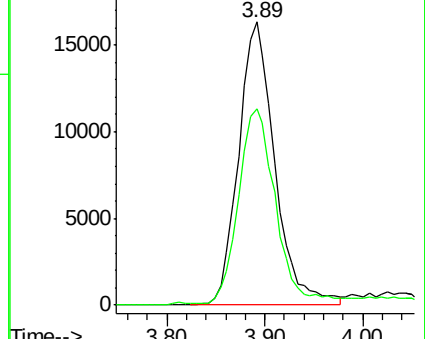
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 51.878 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

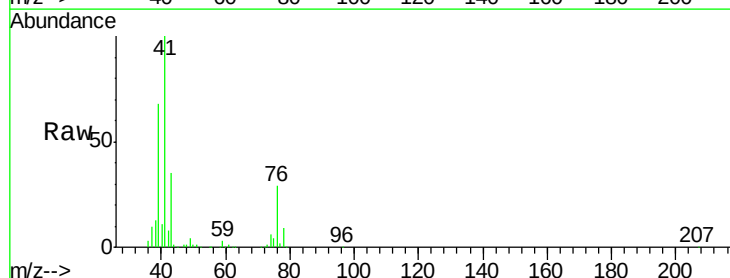
Tgt Ion: 41 Resp: 276386

Ion Ratio Lower Upper

41 100

39 66.8 52.6 78.8

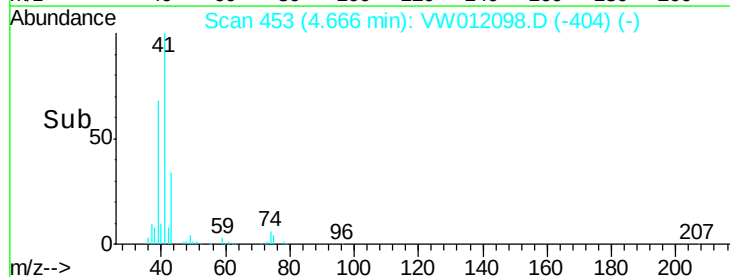
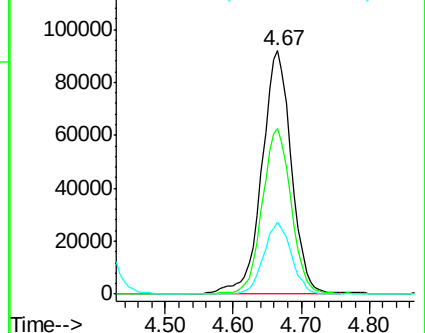
76 27.9 22.0 33.0

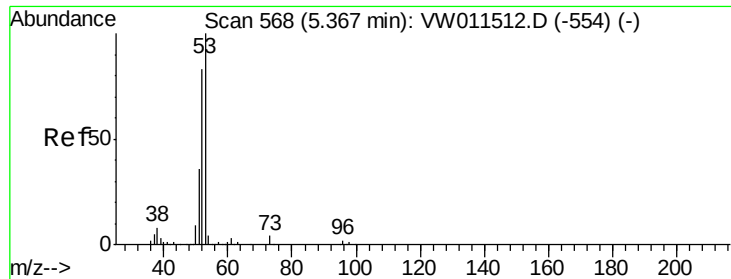


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 256.058 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

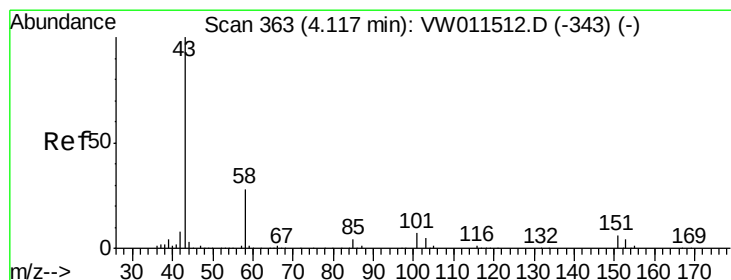
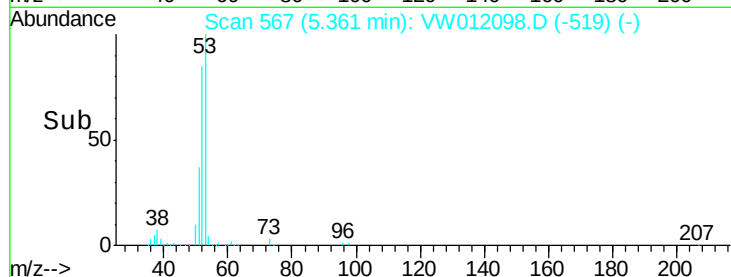
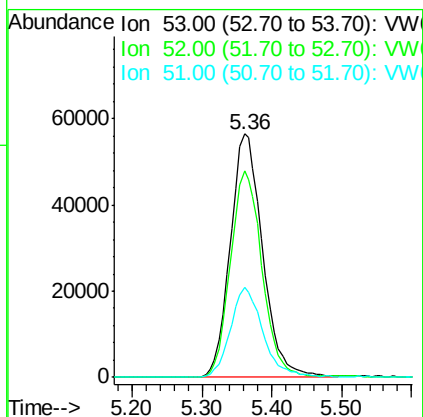
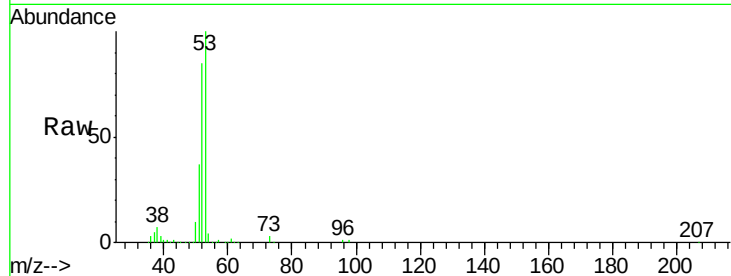
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	181247
Ion Ratio	Lower	Upper	
53	100		
52	83.1	67.2	100.8
51	37.2	30.0	45.0

Manual Integrations
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#16

Acetone

Concen: 253.579 ug/l

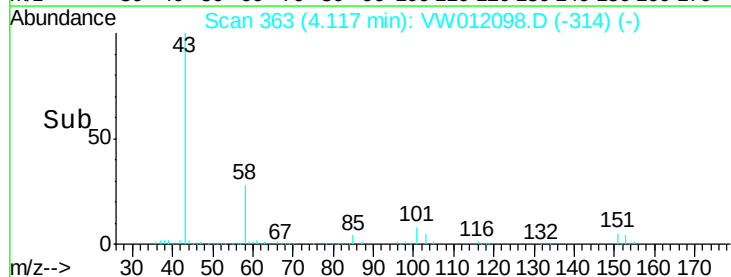
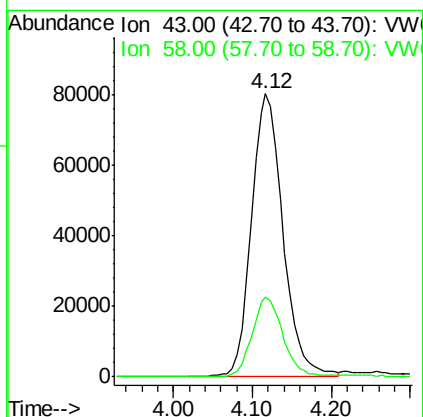
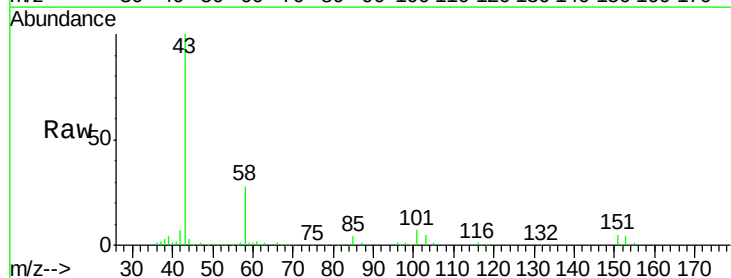
RT: 4.12 min Scan# 363

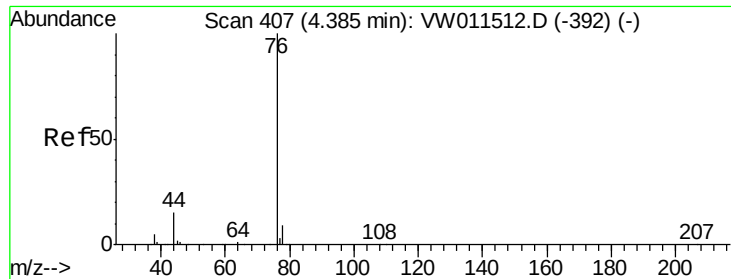
Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Tgt Ion:	43	Resp:	222776
Ion Ratio	Lower	Upper	
43	100		
58	28.1	22.3	33.5





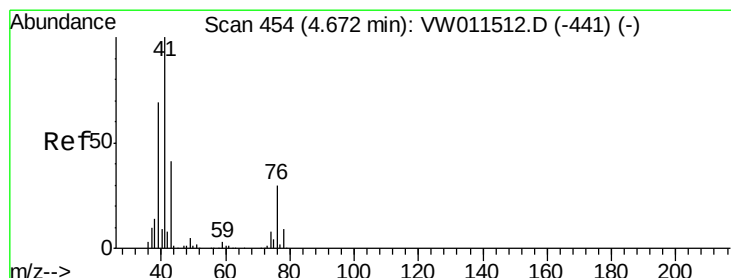
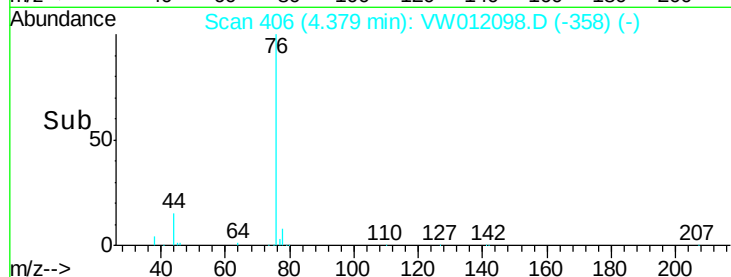
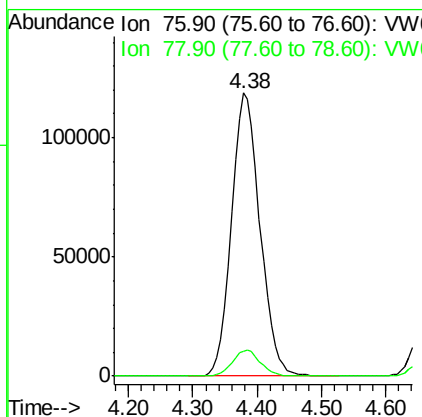
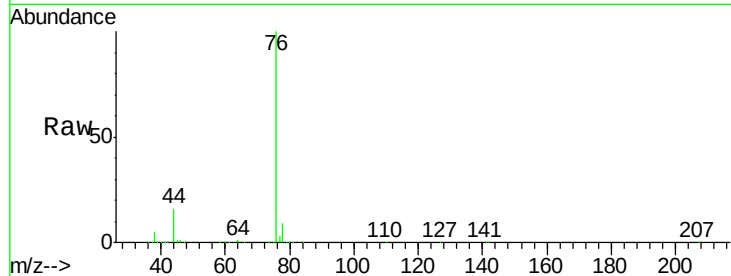
#17
Carbon Disulfide
Concen: 46.640 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

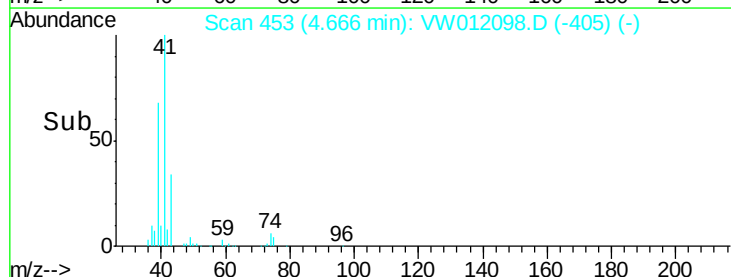
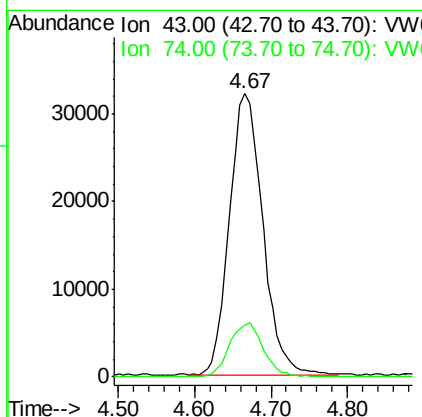
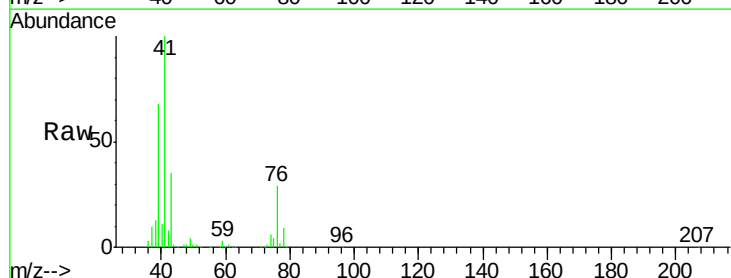
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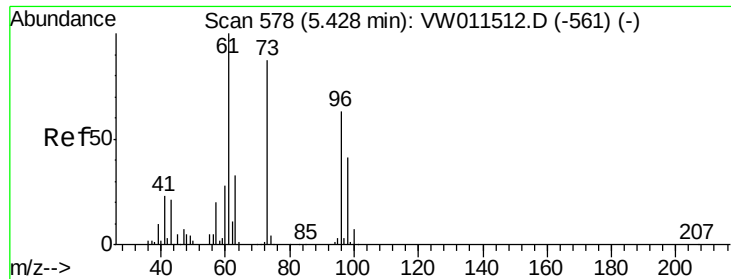
MMDadoda
8/23/2019 10:54:47 AM



#18
Methyl Acetate
Concen: 49.243 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.3	15.9	23.9





#19

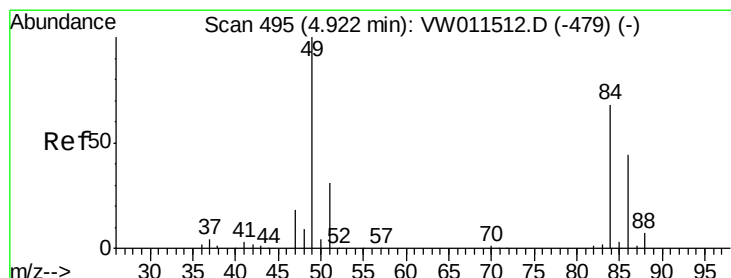
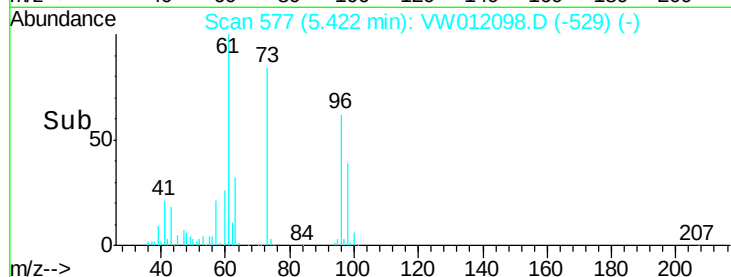
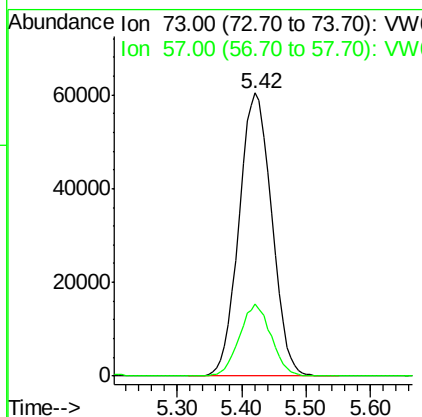
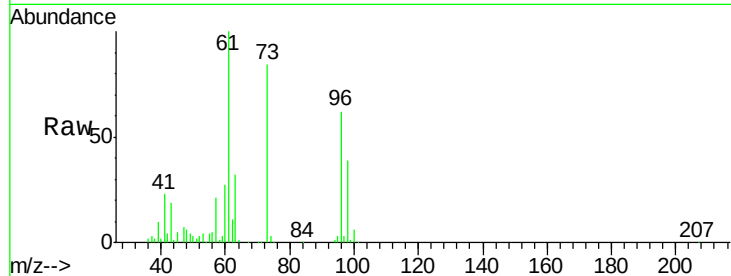
Methyl tert-butyl Ether
 Concen: 53.245 ug/l
 RT: 5.42 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	25.3	18.4	27.6

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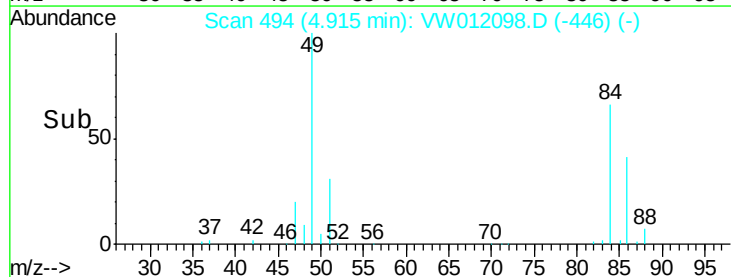
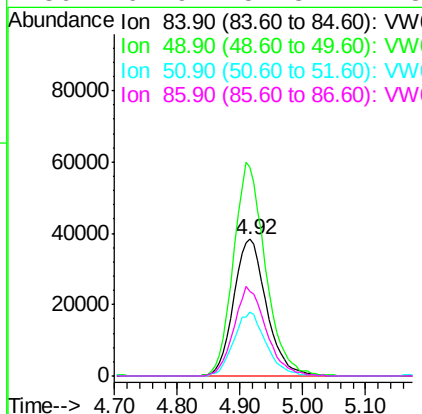
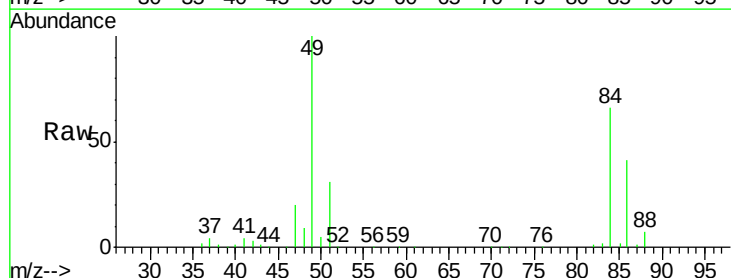
MMDadoda
 8/23/2019 10:54:47 AM

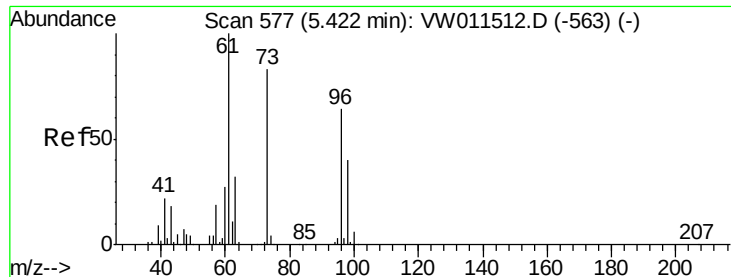


#20

Methylene Chloride
 Concen: 45.982 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	152.3	117.8	176.6
51	46.5	37.0	55.4
86	61.9	51.8	77.8





#21

trans-1,2-Dichloroethene

Concen: 50.574 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

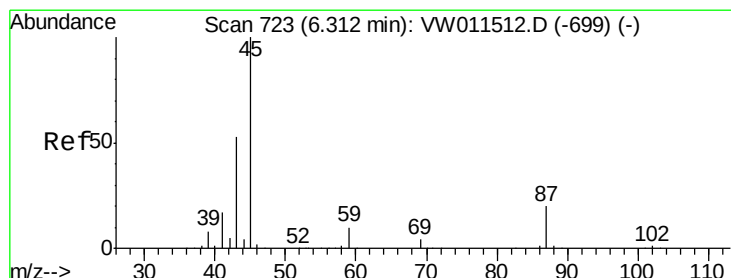
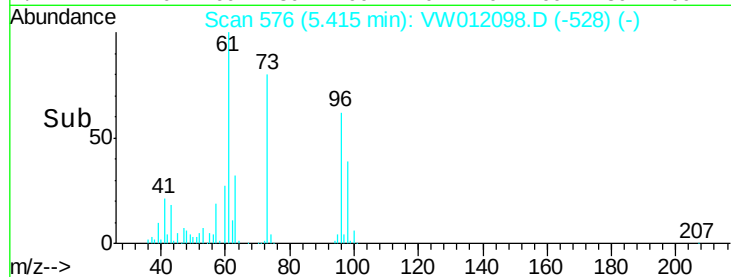
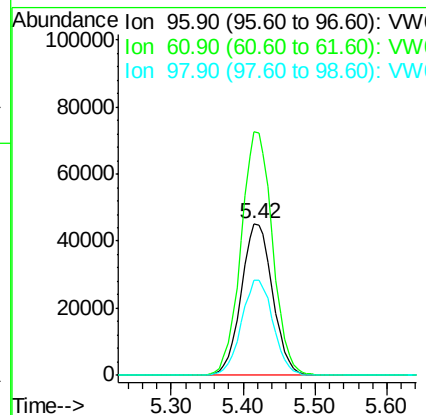
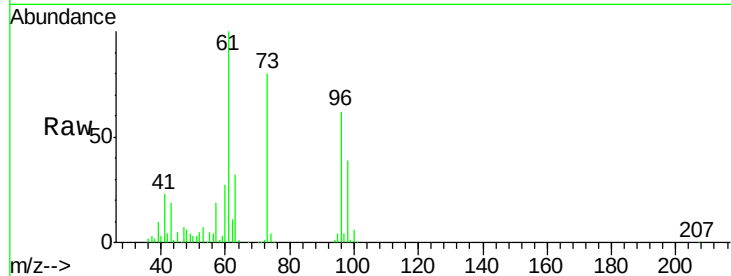
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	136579
Ion	Ratio	Lower	Upper
96	100		
61	160.1	125.7	188.5
98	62.3	50.3	75.5

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#22

Diisopropyl ether

Concen: 51.872 ug/l

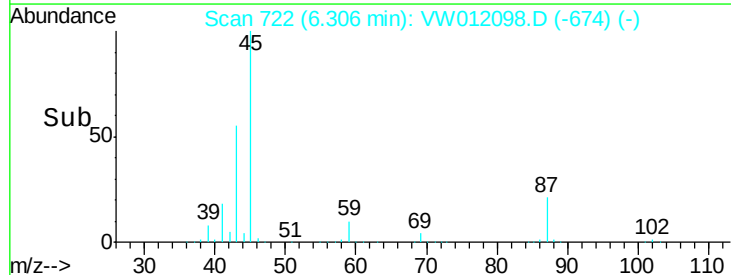
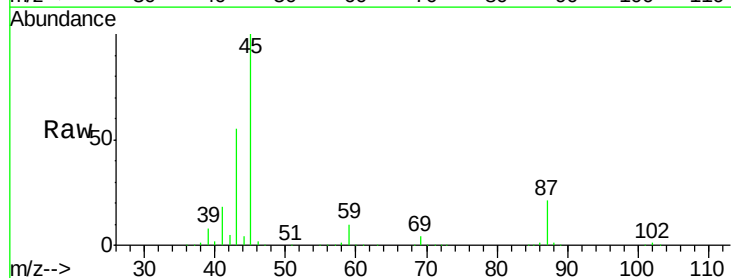
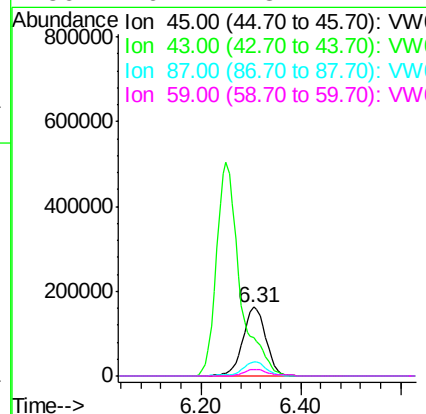
RT: 6.31 min Scan# 722

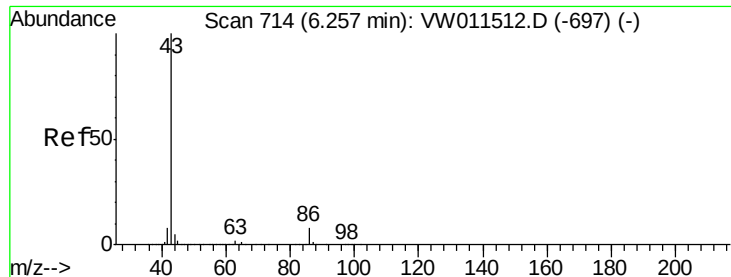
Delta R.T. -0.01 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Tgt Ion:	45	Resp:	521031
Ion	Ratio	Lower	Upper
45	100		
43	55.0	42.6	63.8
87	20.9	16.4	24.6
59	10.2	8.2	12.2





#23

Vinyl Acetate

Concen: 260.216 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1642376

Ion Ratio Lower Upper

43 100

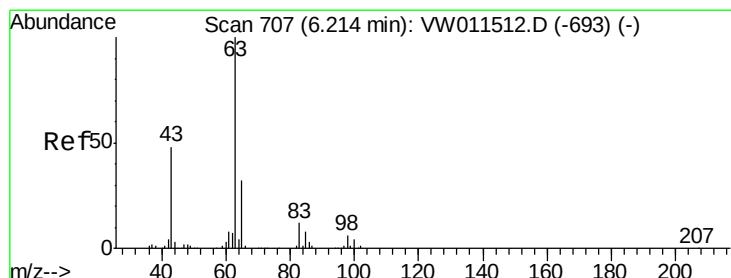
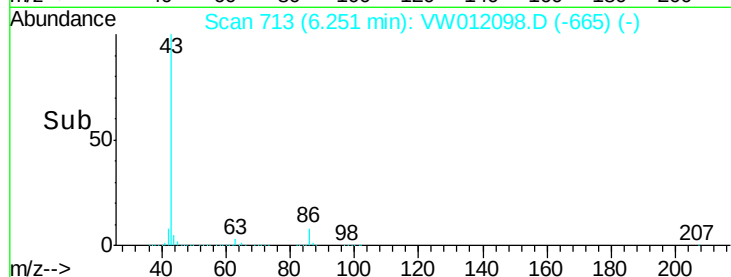
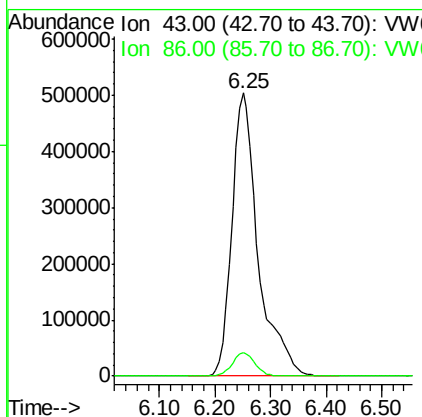
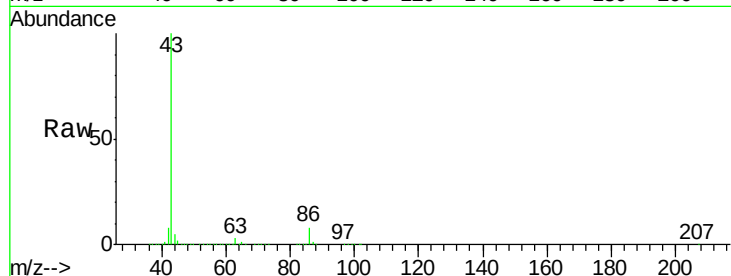
86 8.3 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 51.842 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

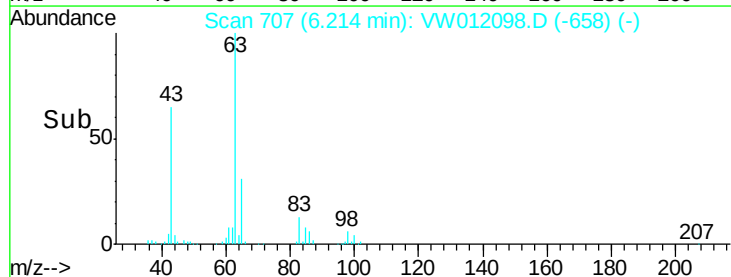
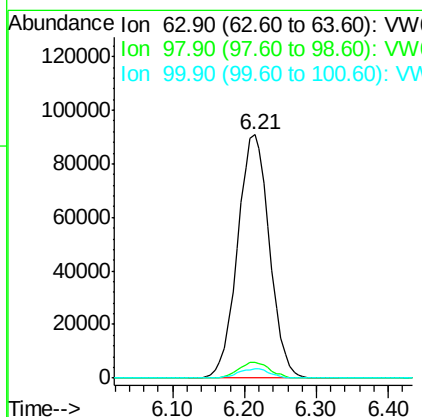
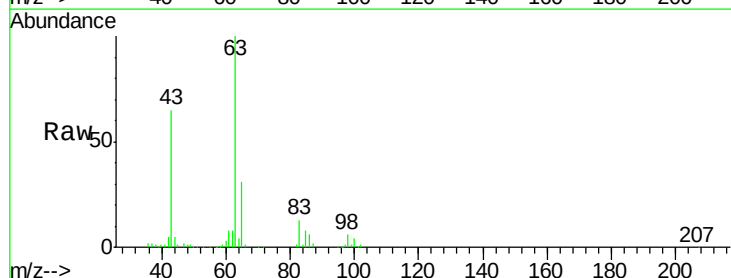
Tgt Ion: 63 Resp: 278885

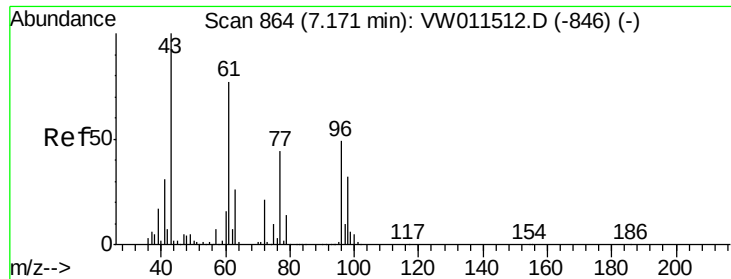
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.8

100 3.9 2.1 6.3





#25

2-Butanone

Concen: 249.555 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 286883

Ion Ratio Lower Upper

43 100

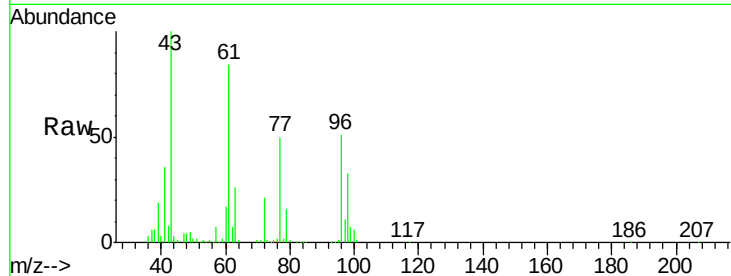
72 21.0 16.6 24.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.17

120000

100000

80000

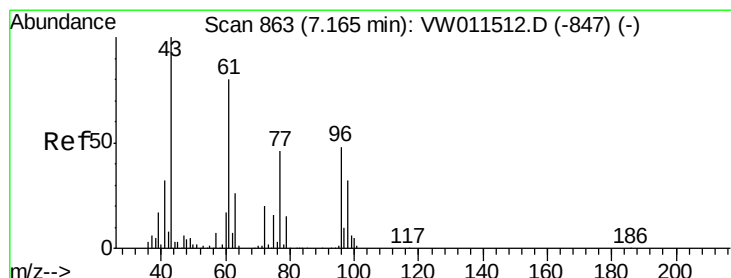
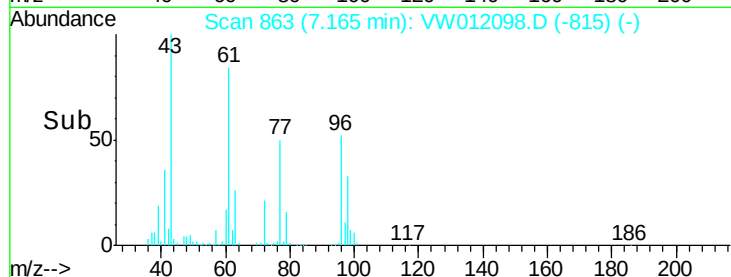
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 48.059 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012098.D

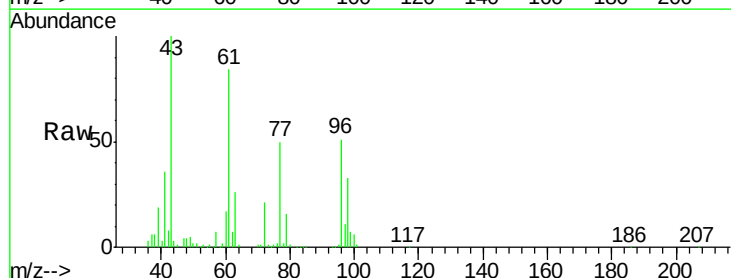
Acq: 22 Aug 2019 09:31

Tgt Ion: 77 Resp: 158997

Ion Ratio Lower Upper

77 100

97 22.2 10.8 32.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW

7.17

60000

50000

40000

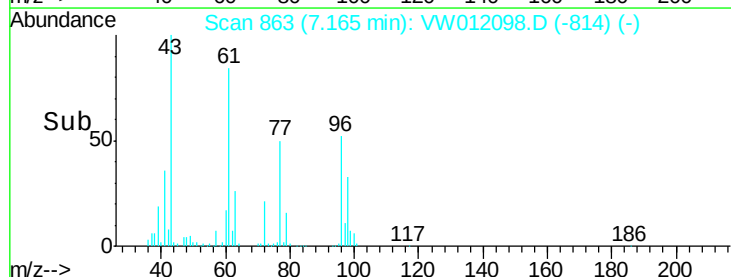
30000

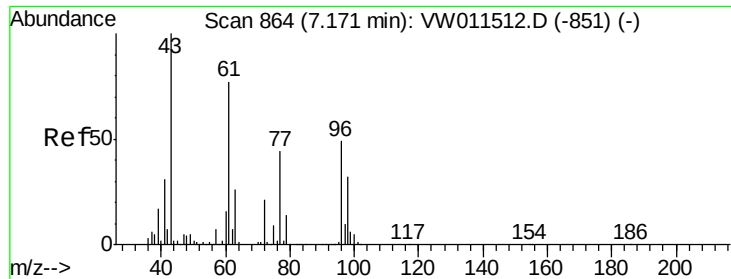
20000

10000

0

Time-->





#27

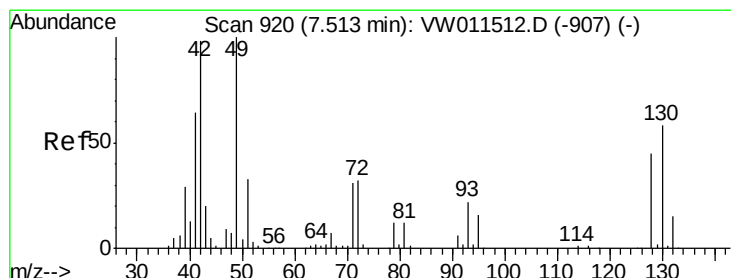
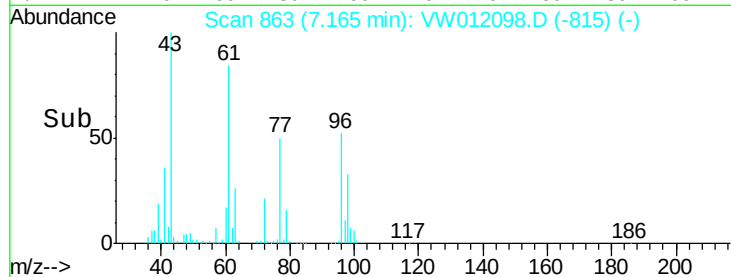
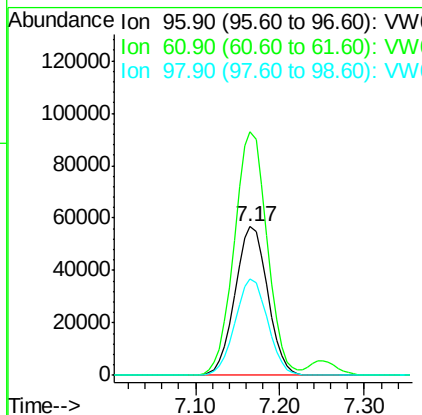
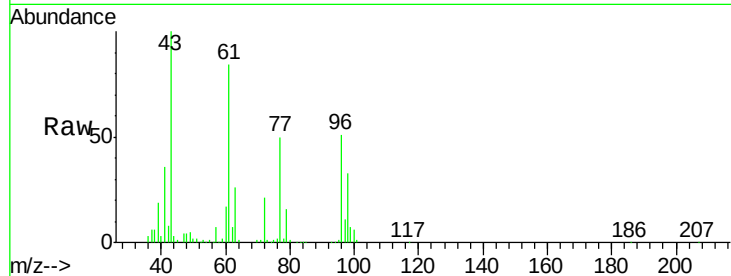
cis-1,2-Dichloroethene
Concen: 49.995 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	164.6	0.0	328.4	
98	64.6	0.0	128.8	

Manual Integrations
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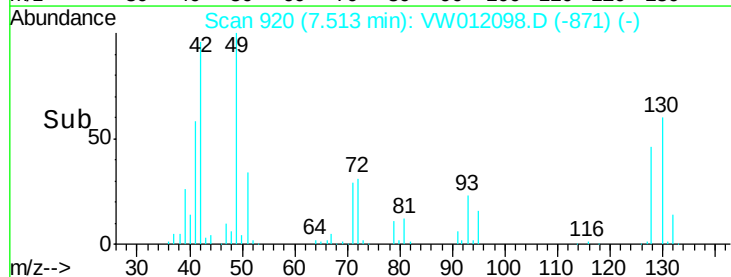
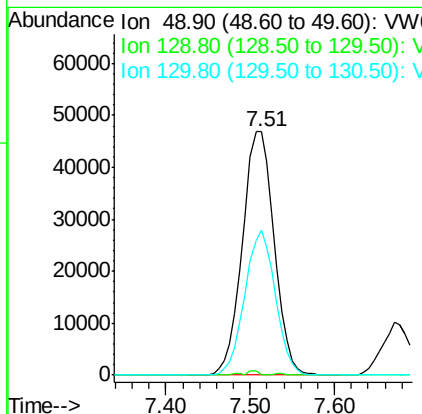
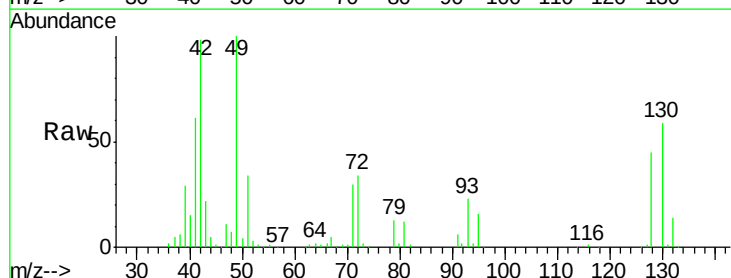
MMDadoda
8/23/2019 10:54:47 AM

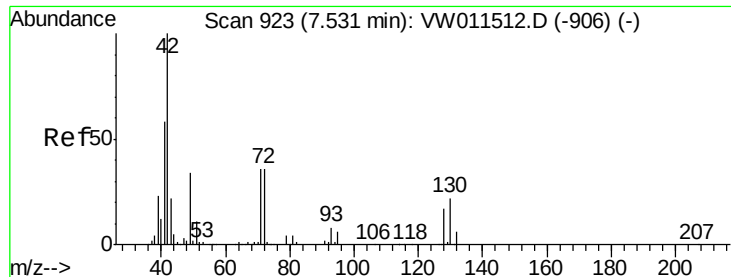


#28

Bromochloromethane
Concen: 49.969 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.7	0.0	1.0	
130	57.3	46.3	69.5	





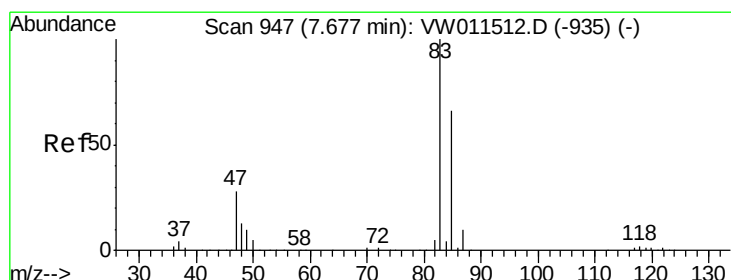
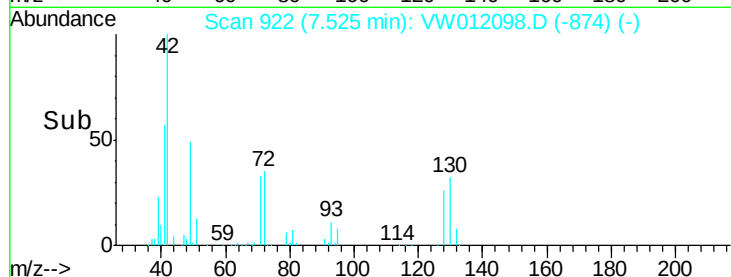
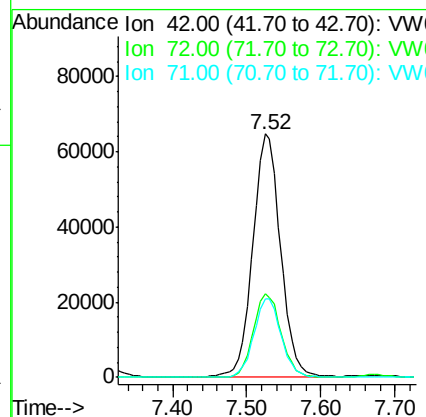
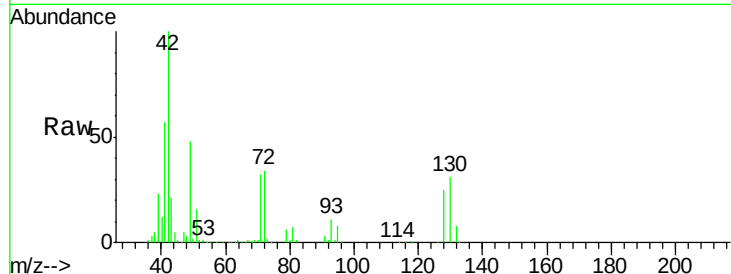
#29
Tetrahydrofuran
Concen: 257.657 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.4	27.1	40.7
71	32.1	26.2	39.4

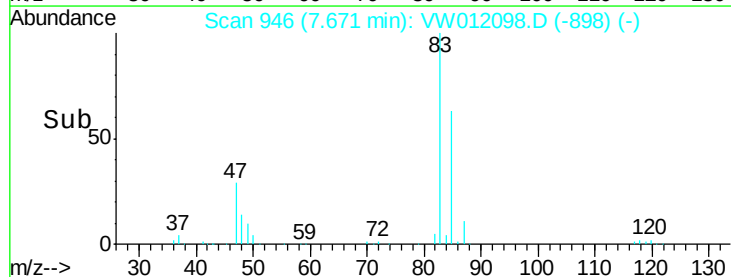
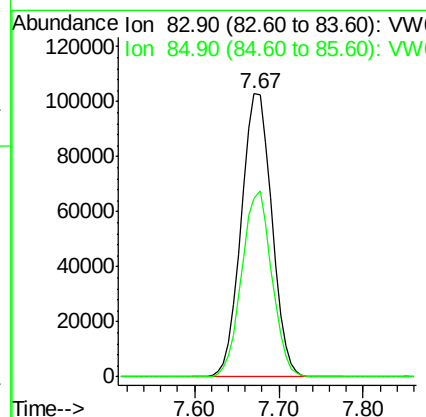
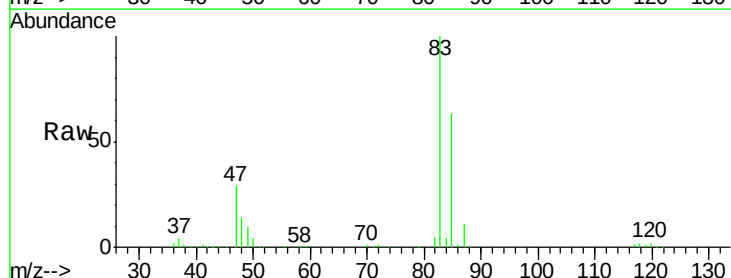
Manual Integrations
APPROVED

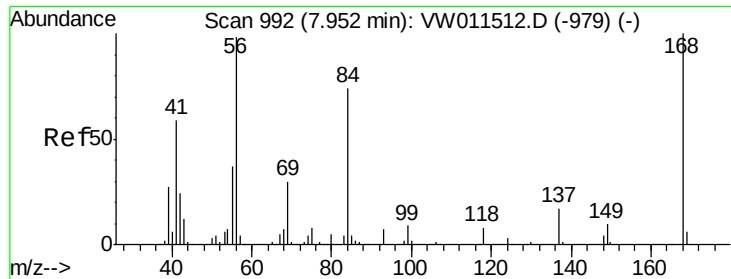
MMDadoda
8/23/2019 10:54:47 AM



#30
Chloroform
Concen: 50.819 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	52.5	78.7





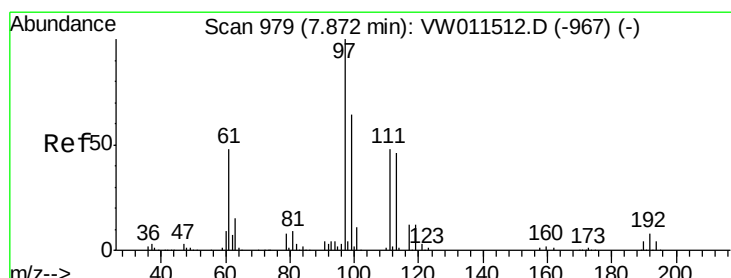
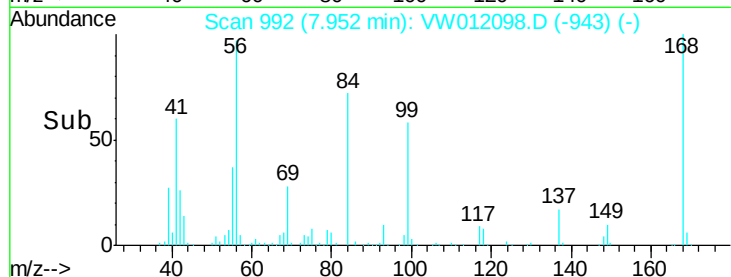
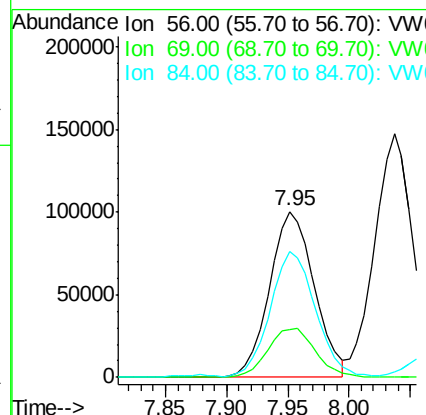
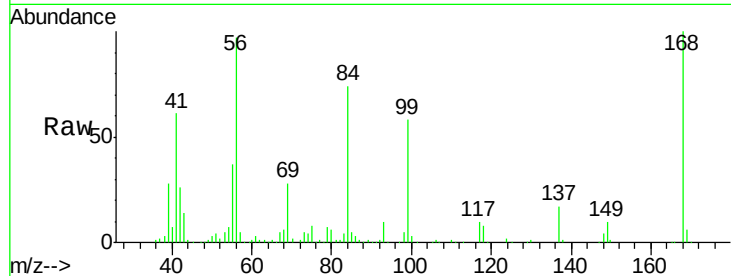
#31
Cyclohexane
Concen: 49.556 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	255902
Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.3	36.5
84	74.3	60.4	90.6

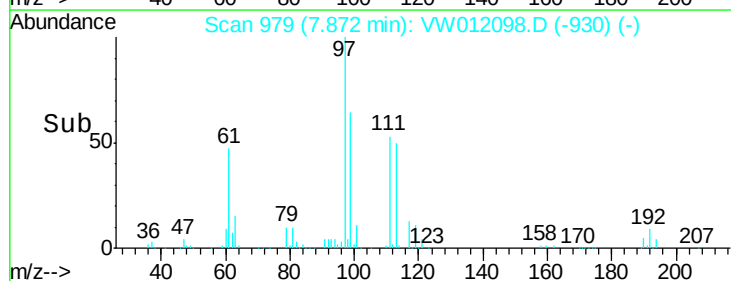
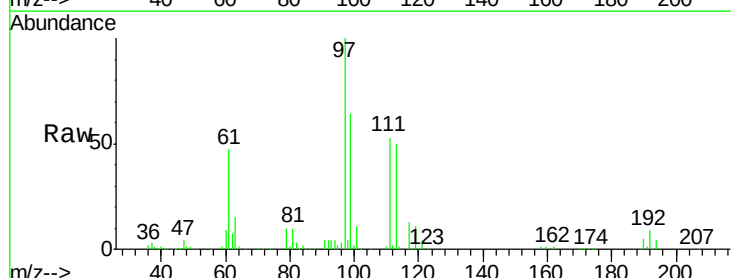
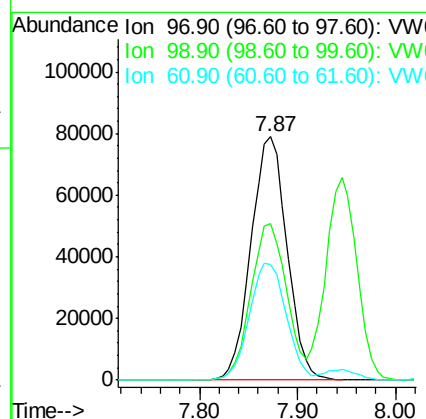
Manual Integrations
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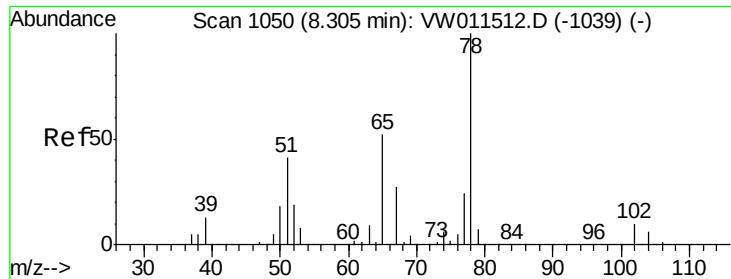
MMDadoda
8/23/2019 10:54:47 AM



#32
1,1,1-Trichloroethane
Concen: 53.342 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	97	Resp	201617
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.6
61	49.5	39.8	59.6





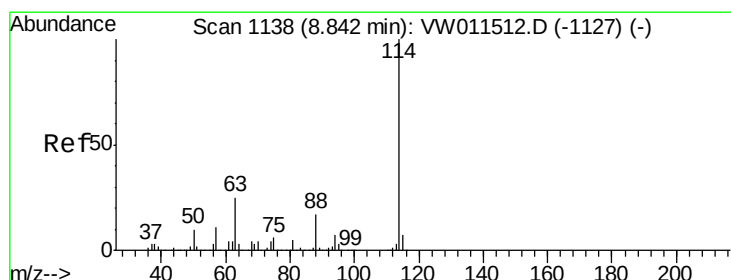
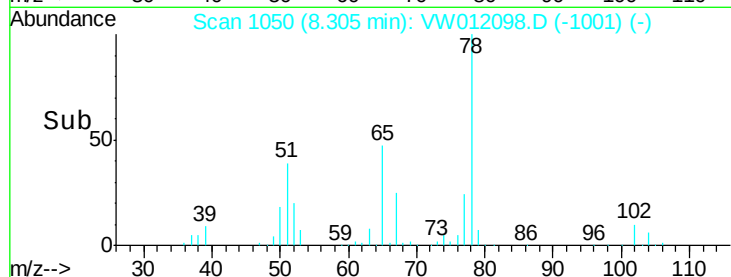
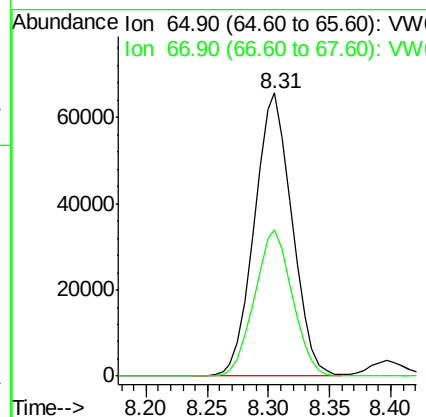
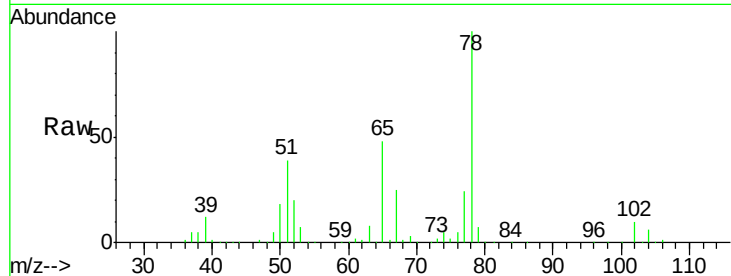
#33
 1,2-Dichloroethane-d4
 Concen: 50.882 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	140528		
67	52.0	0.0	0.0	105.2

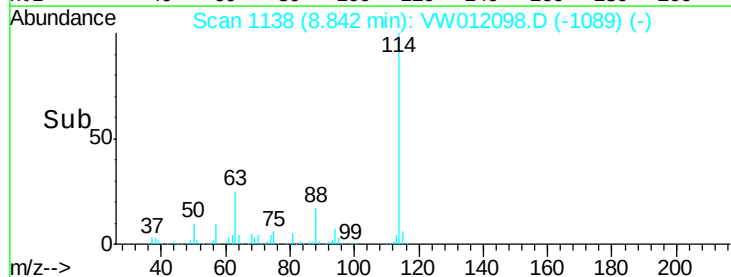
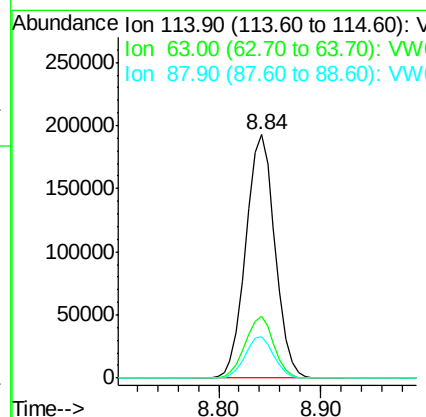
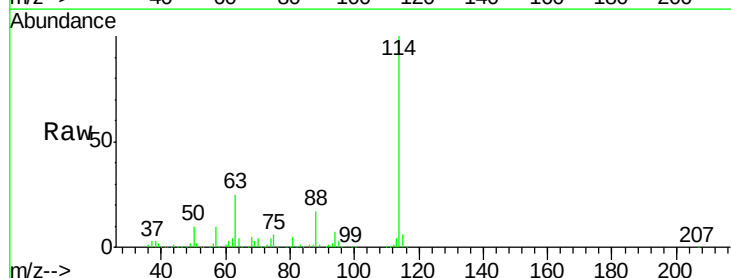
Manual Integrations
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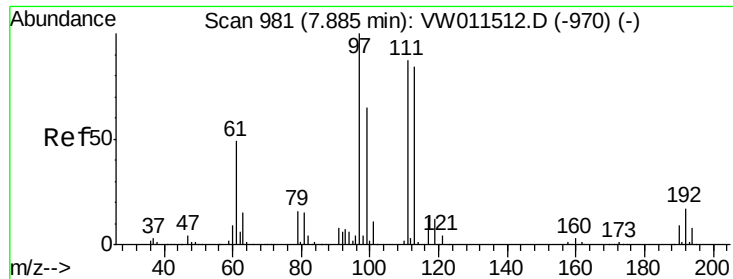
MMDadoda
 8/23/2019 10:54:47 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	381967		
63	25.3	0.0	0.0	49.2
88	17.0	0.0	0.0	33.8





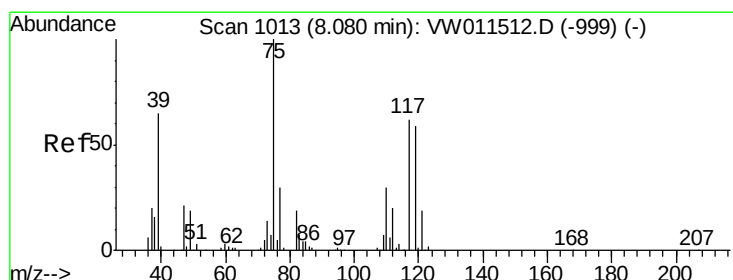
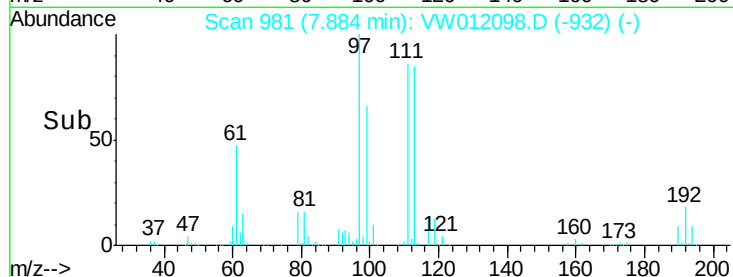
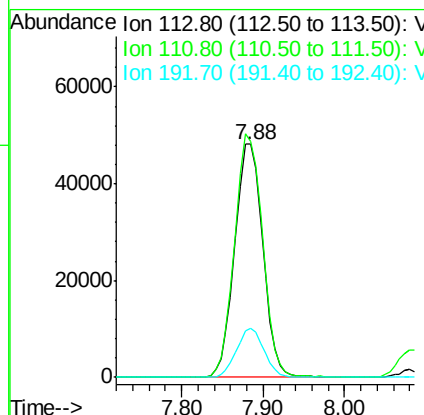
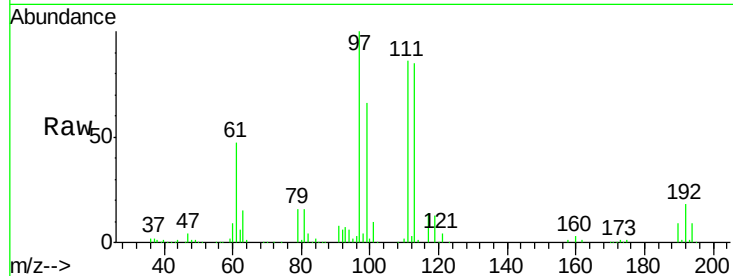
#35
 Dibromofluoromethane
 Concen: 53.722 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	115122		
111	103.6	82.7	124.1	
192	20.5	16.1	24.1	

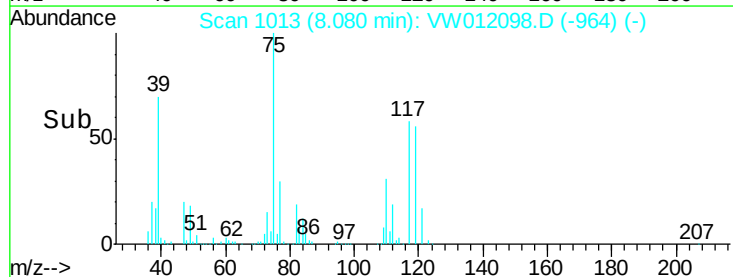
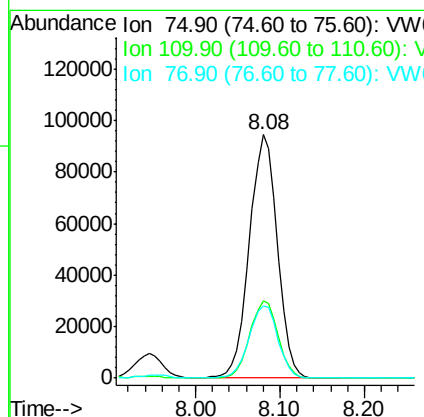
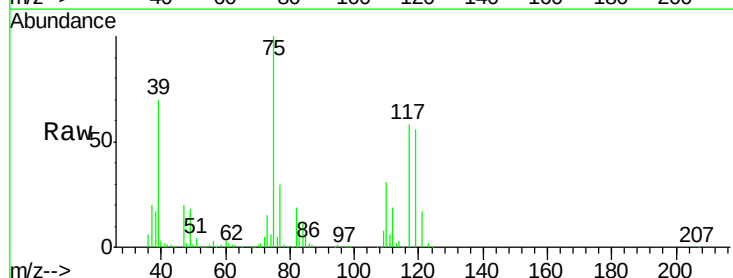
Manual Integrations
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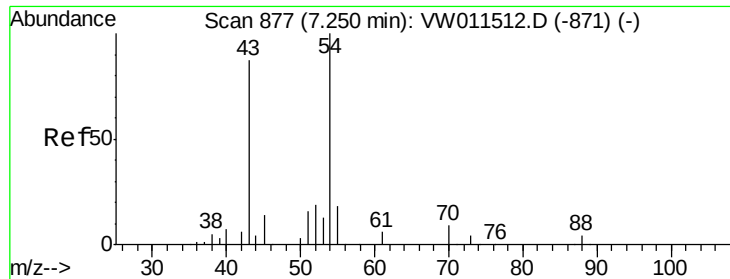
MMDadoda
 8/23/2019 10:54:47 AM



#36
 1,1-Dichloropropene
 Concen: 53.534 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	212624		
110	31.7	15.6	46.8	
77	30.8	24.3	36.5	





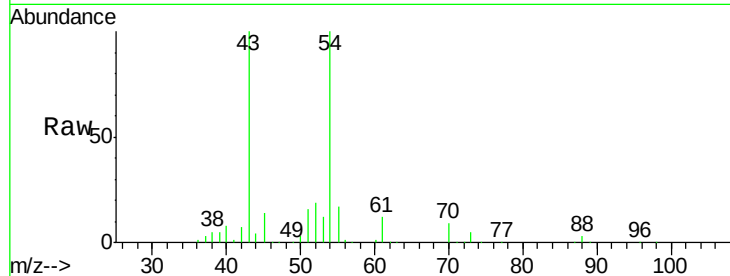
#37
Ethyl Acetate
Concen: 51.824 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	118422		
61	11.4		8.8	13.2
70	8.4		7.1	10.7

Manual Integrations
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MMDadoda
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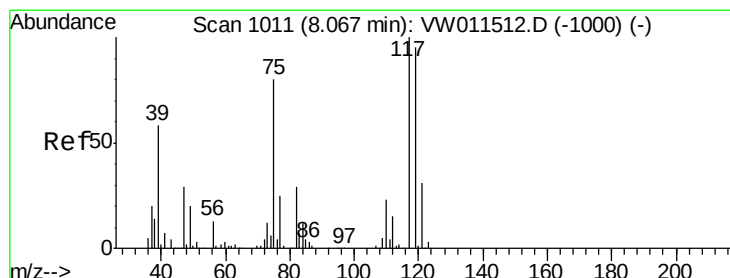
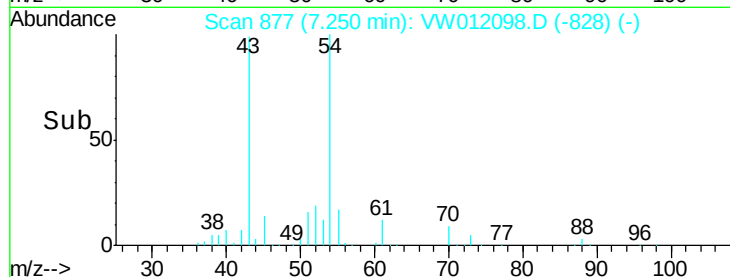
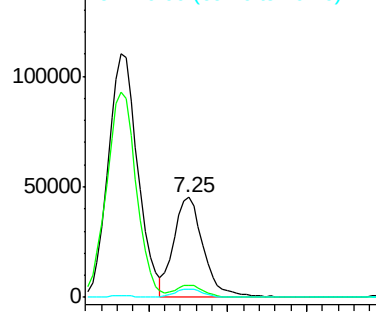


Abundance

Ion 43.00 (42.70 to 43.70): VW

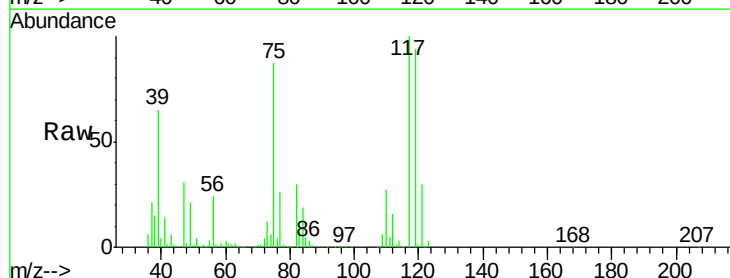
Ion 60.90 (60.60 to 61.60): VW

Ion 70.00 (69.70 to 70.70): VW



#38
Carbon Tetrachloride
Concen: 54.227 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	184378		
119	94.1		75.8	113.6
121	30.1		24.7	37.1

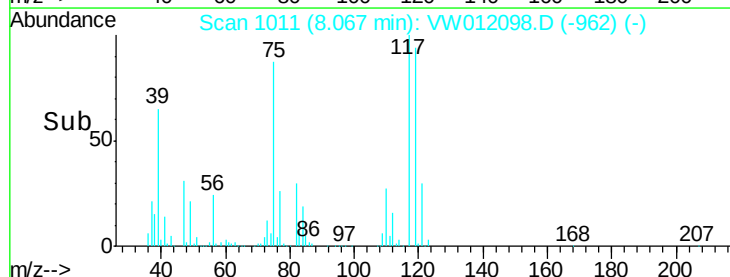
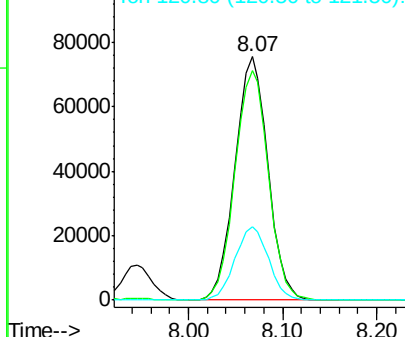


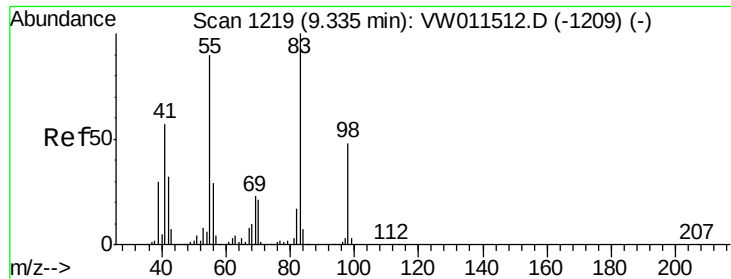
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





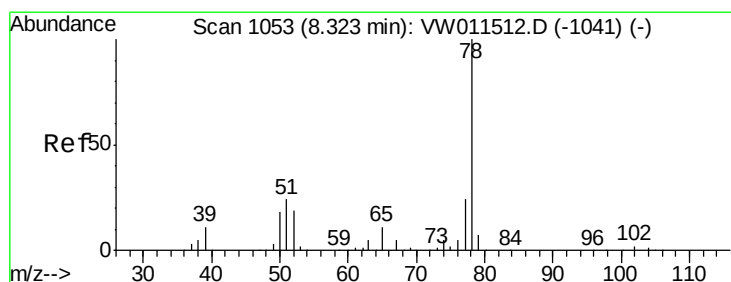
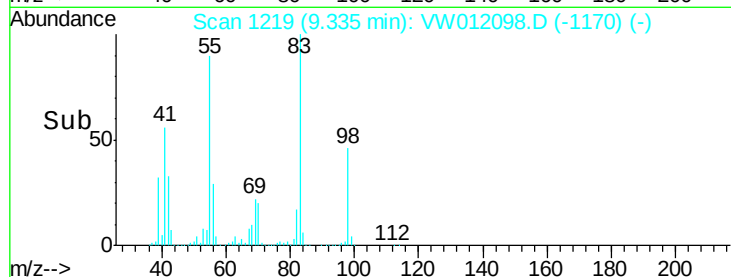
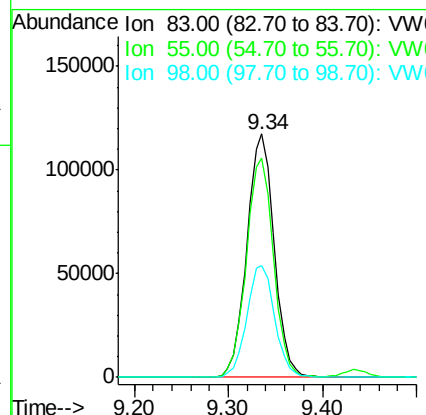
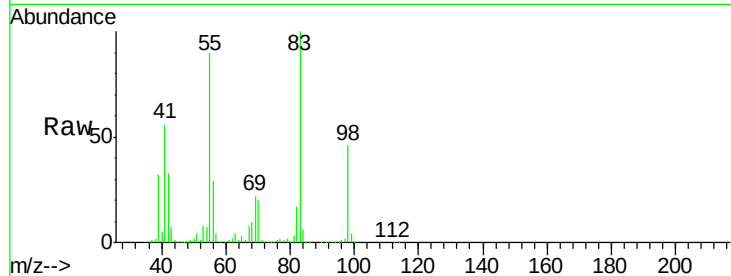
#39
Methylvlcyclohexane
Concen: 54.503 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.8	72.1	108.1
98	45.7	38.6	57.8

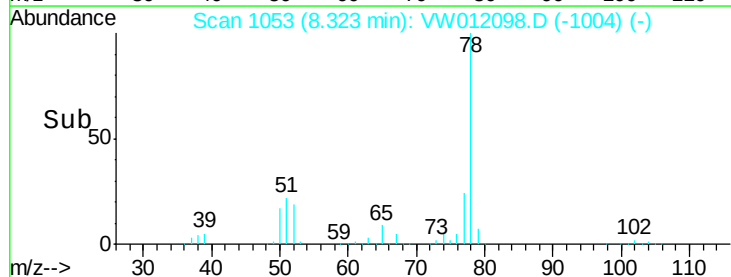
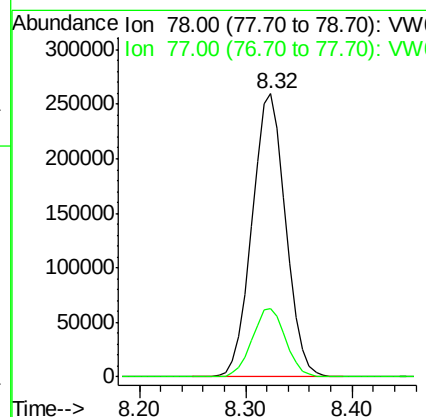
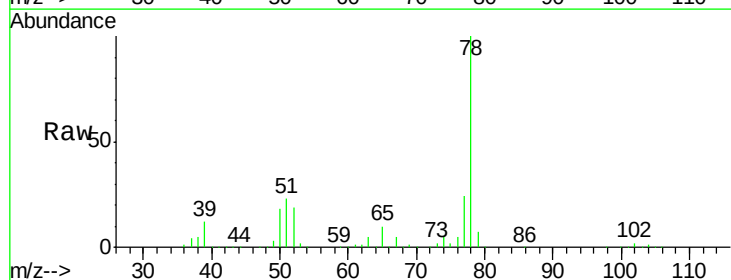
Manual Integrations
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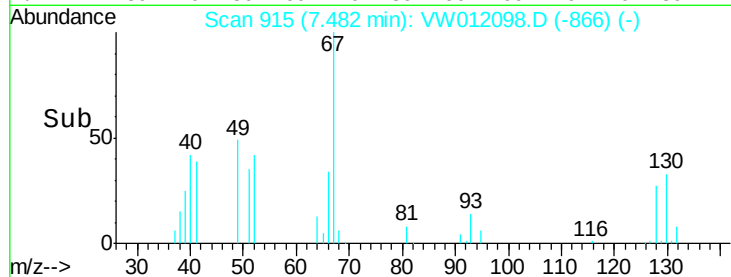
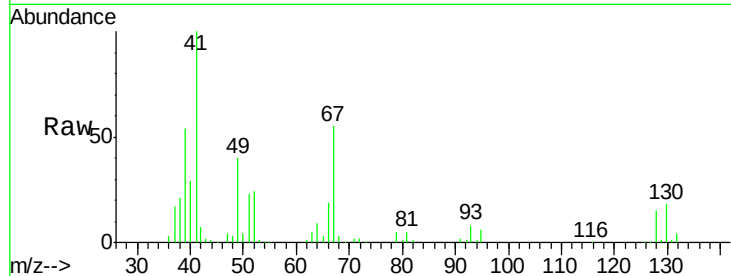
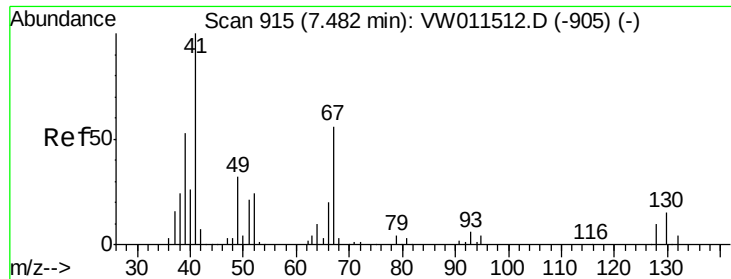
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#40
Benzene
Concen: 51.667 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.4	29.0





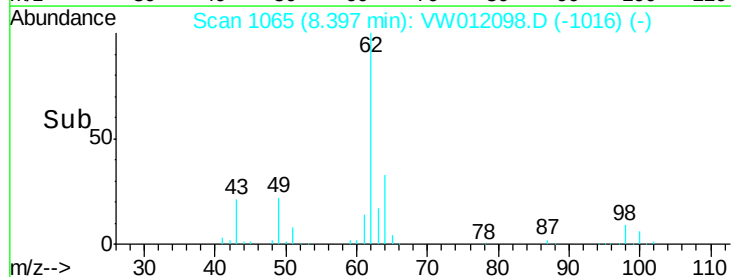
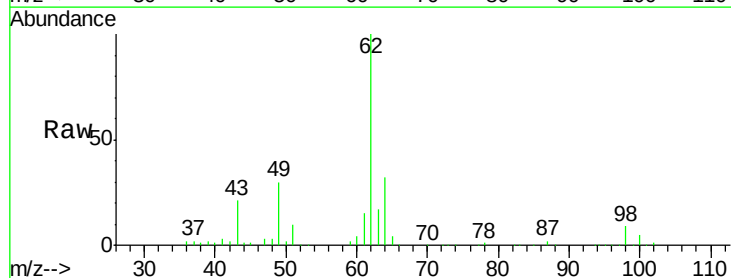
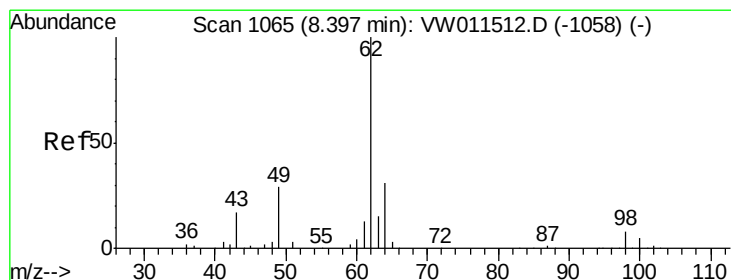
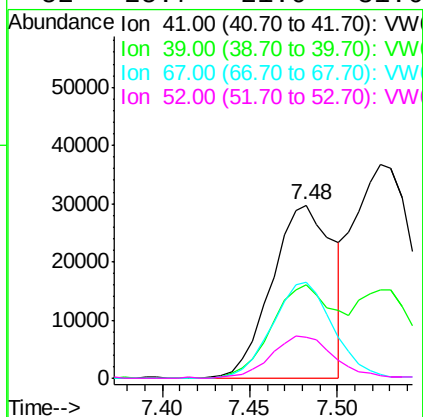
#41
Methacrylonitrile
Concen: 52.900 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tot Ion	41	Resp	72258
Ion	Ratio	Lower	Upper
41	100		
39	58.8	43.0	64.4
67	56.3	47.5	71.3
52	25.7	21.0	31.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

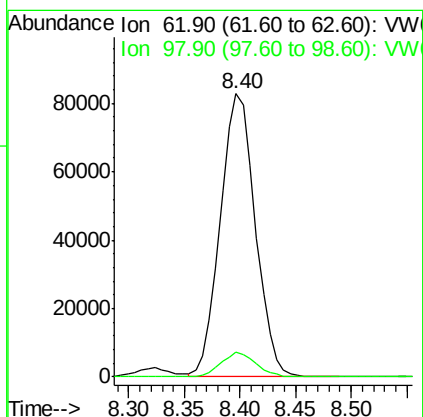
Manual Integrations
APPROVED

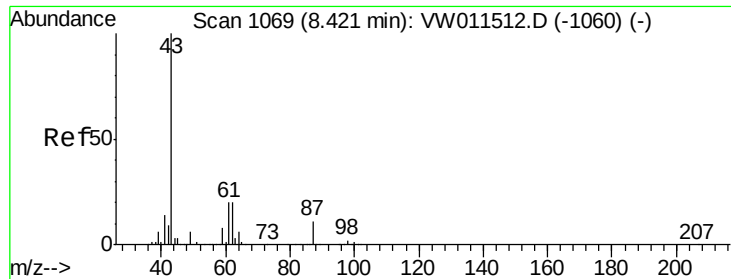
MMDadoda
8/23/2019 10:54:47 AM



#42
1,2-Dichloroethane
Concen: 51.728 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	62	Resp	180176
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.8





#43

Isopropyl Acetate

Concen: 53.378 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

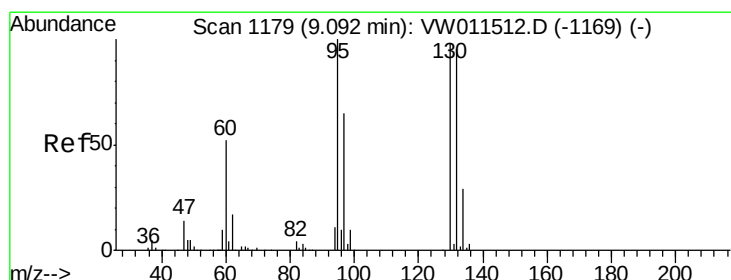
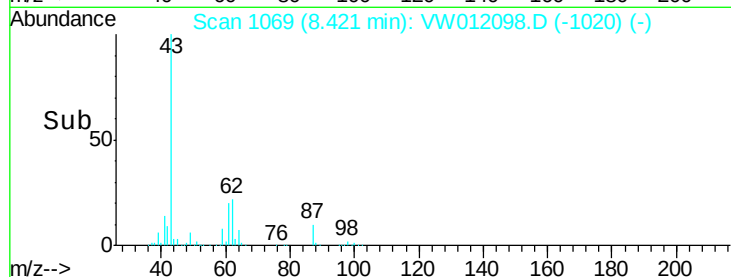
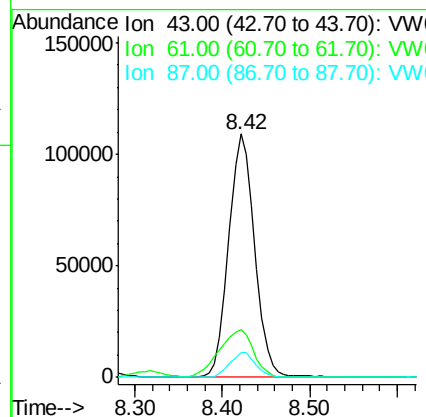
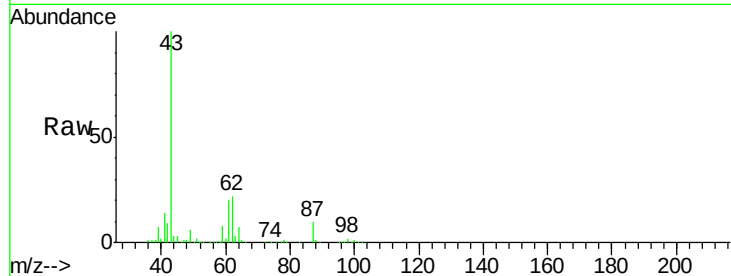
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	224314
Ion	Ratio	Lower	Upper
43	100		
61	26.0	21.5	32.3
87	10.3	8.4	12.6

Manual Integrations
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8/23/2019 10:54:47 AM



#44

Trichloroethene

Concen: 52.426 ug/l

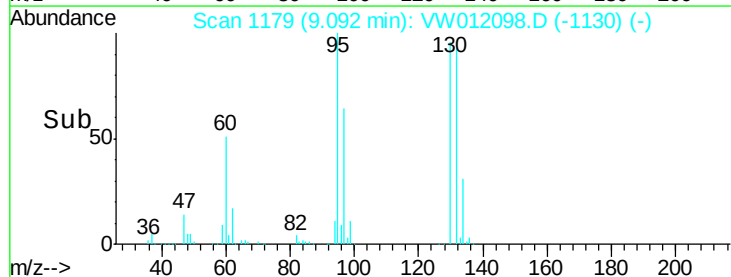
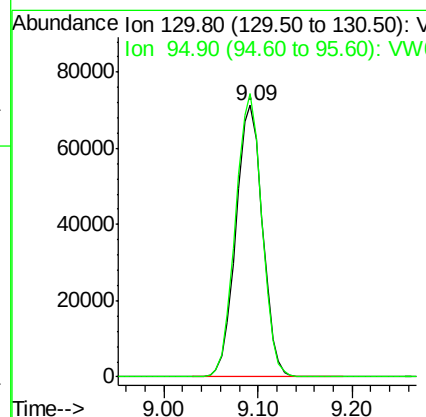
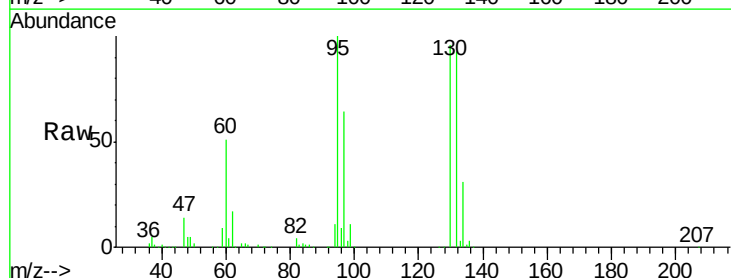
RT: 9.09 min Scan# 1179

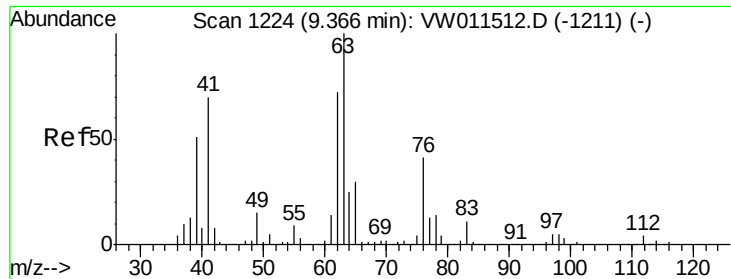
Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Tgt Ion:	130	Resp:	140183
Ion	Ratio	Lower	Upper
130	100		
95	104.2	0.0	204.8





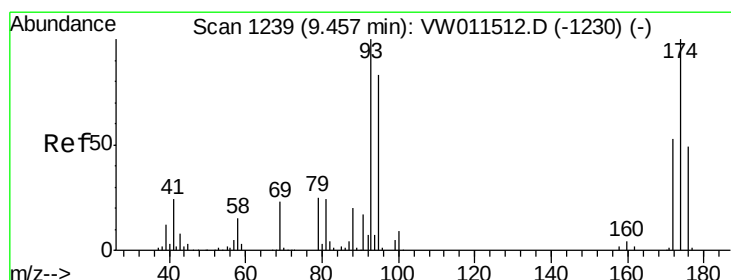
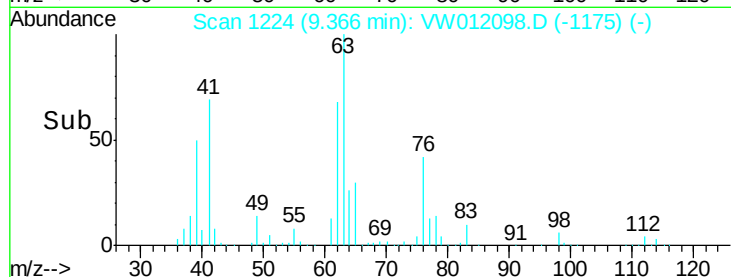
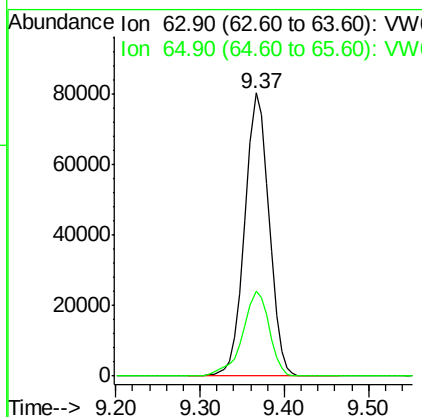
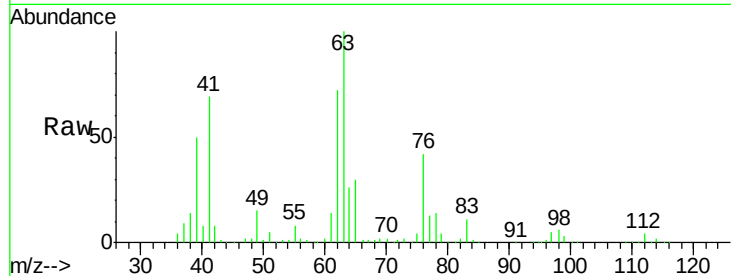
#45
 1,2-Dichloropropane
 Concen: 52.324 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.2	36.4

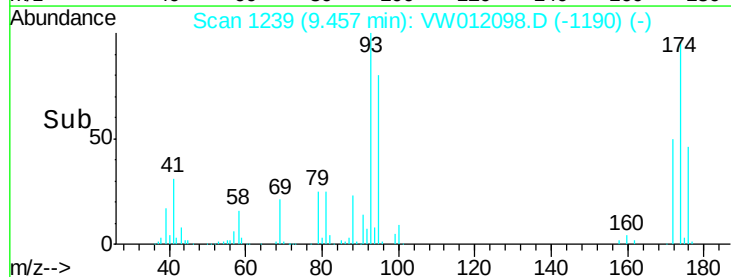
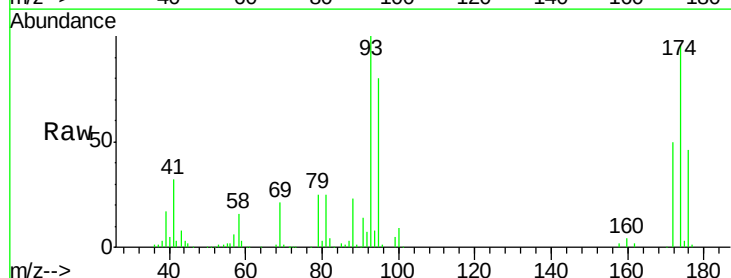
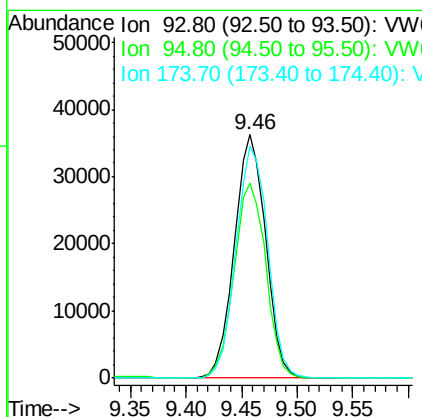
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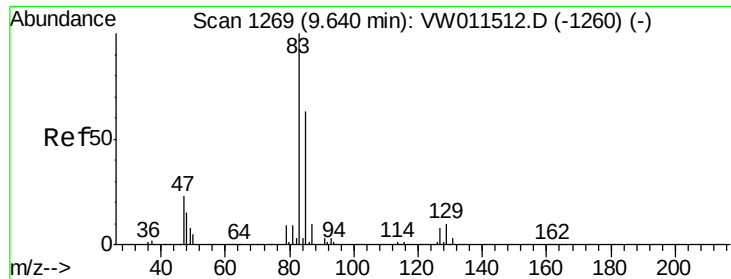
MMDadoda
 8/23/2019 10:54:47 AM



#46
 Dibromomethane
 Concen: 52.014 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	66.2	99.2
174	96.9	78.2	117.4





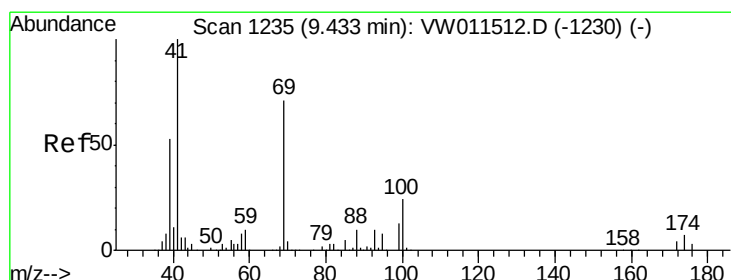
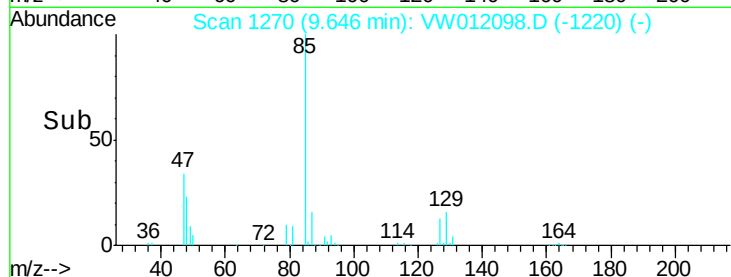
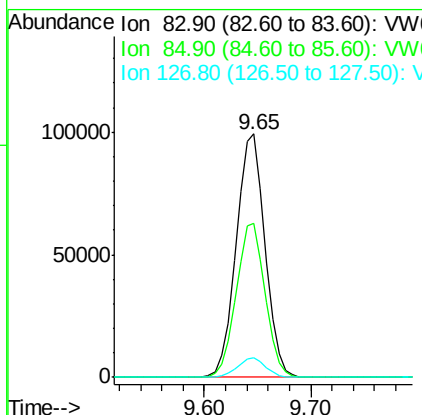
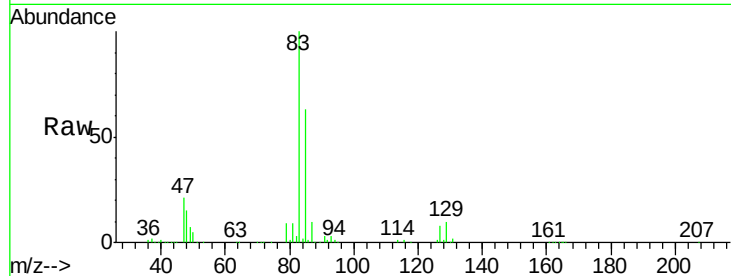
#47
 Bromodichloromethane
 Concen: 52.839 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	188310		
85	63.3	50.5	75.7	
127	7.9	6.4	9.6	

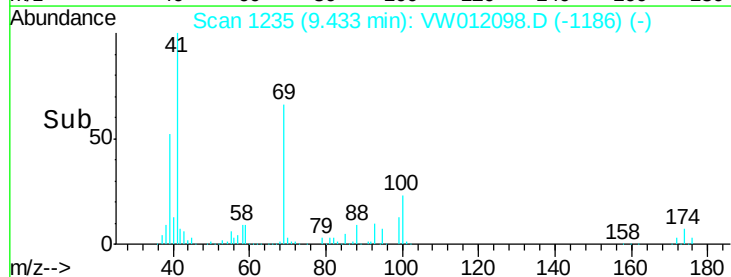
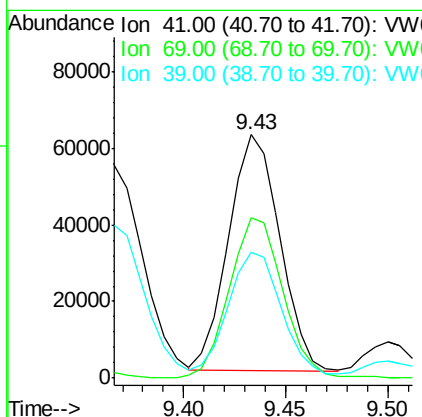
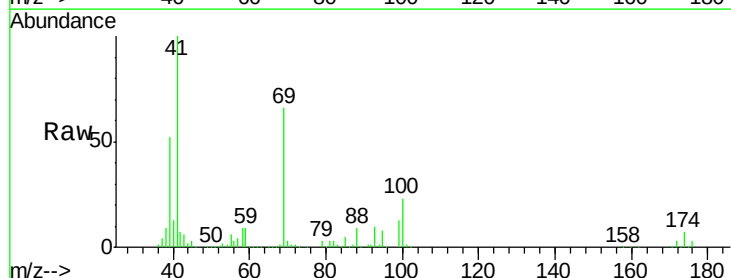
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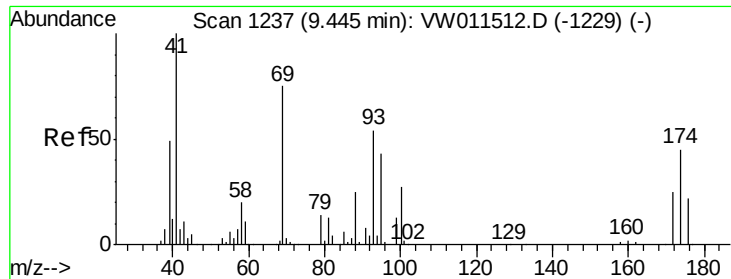
MMDadoda
 8/23/2019 10:54:47 AM



#48
 Methyl methacrylate
 Concen: 53.129 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	107251		
69	71.4	57.1	85.7	
39	56.7	45.4	68.2	





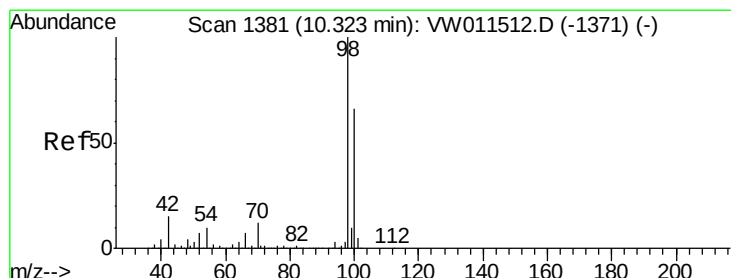
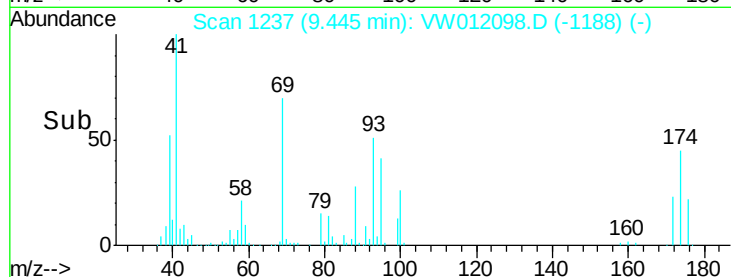
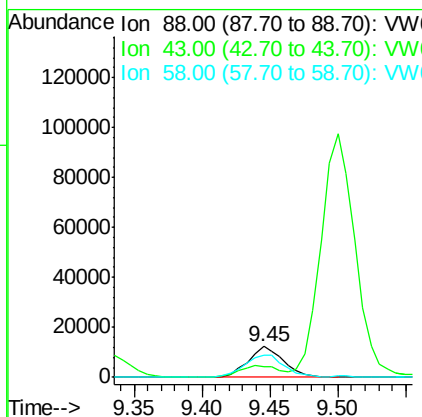
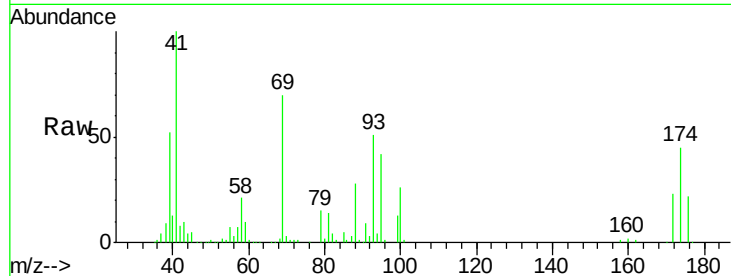
#49
1,4-Dioxane
Concen: 1152.752 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	22677
Ion	Ratio	Lower	Upper
88	100		
43	41.7	34.0	51.0
58	81.5	69.7	104.5

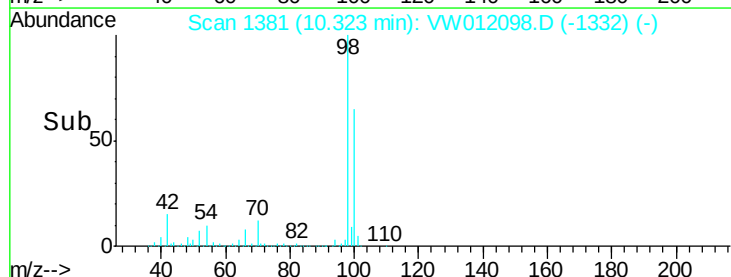
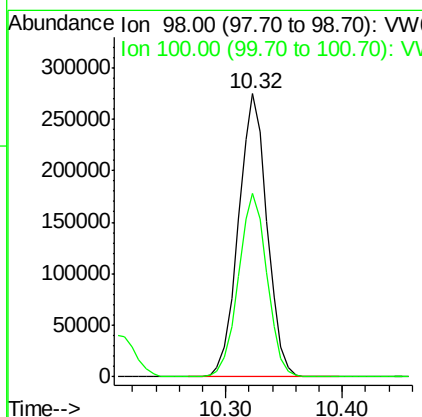
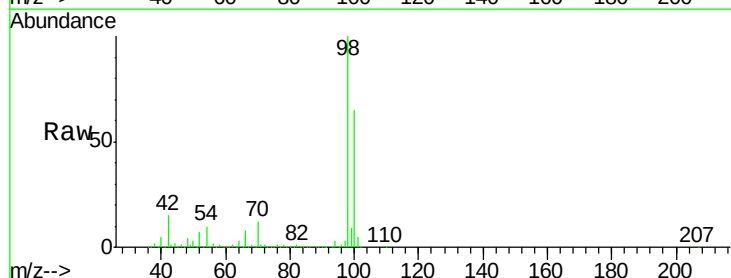
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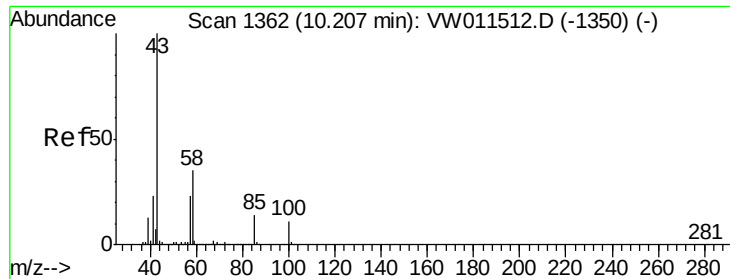
MMDadoda
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#50
Toluene-d8
Concen: 53.387 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	98	Resp	468404
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.7	79.1





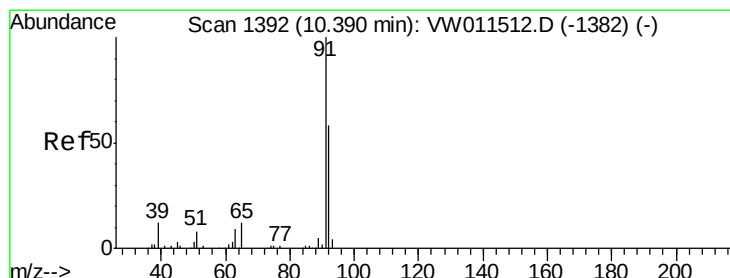
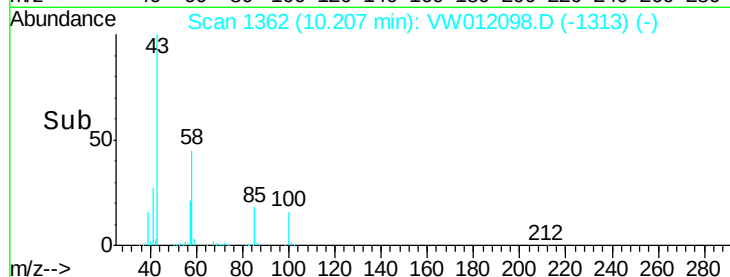
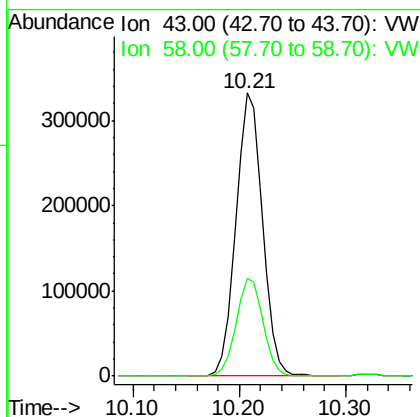
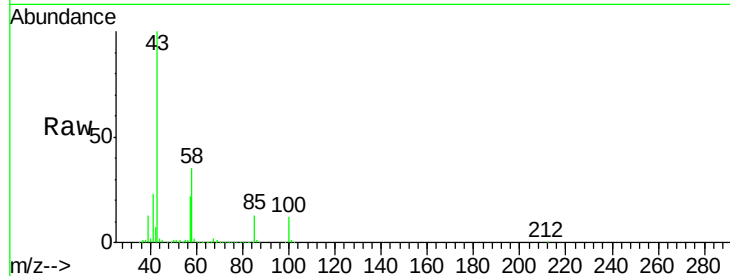
#51
 4-Methyl-2-Pentanone
 Concen: 266.540 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.2	42.2

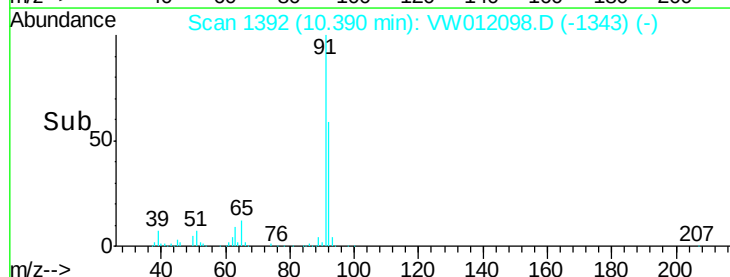
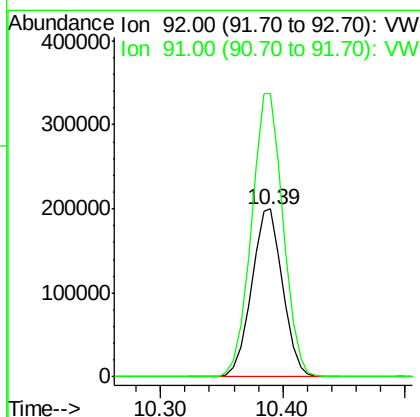
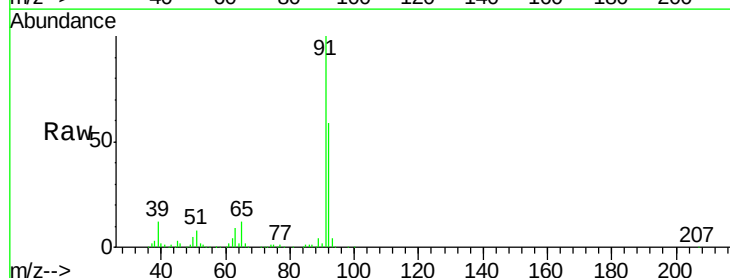
Manual Integrations
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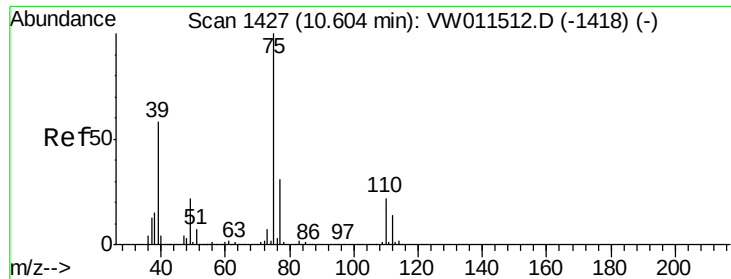
MMDadoda
 8/23/2019 10:54:47 AM



#52
 Toluene
 Concen: 52.510 ug/l
 RT: 10.39 min Scan# 1392
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.2	136.7	205.1





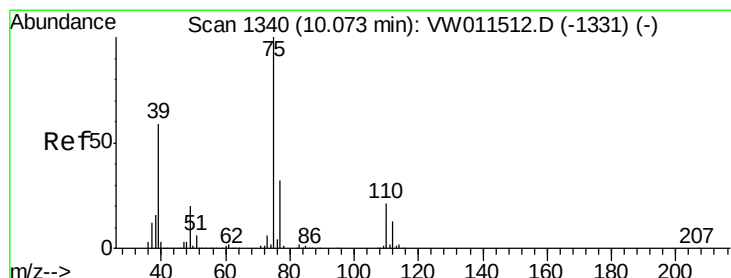
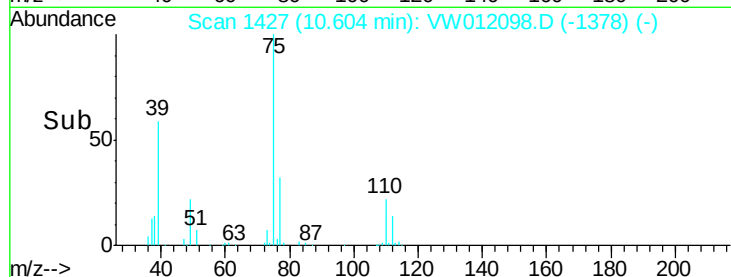
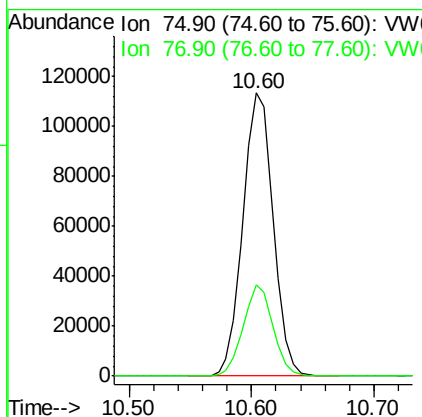
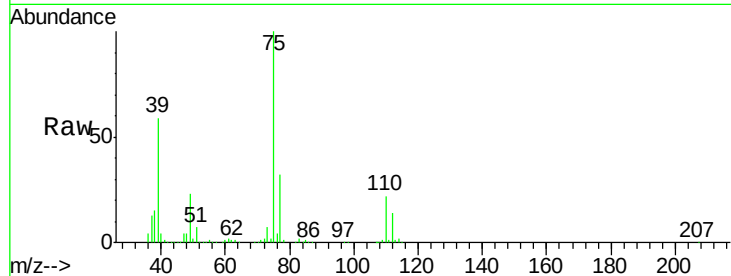
#53
t-1,3-Dichloropropene
Concen: 52.619 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 195891
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4

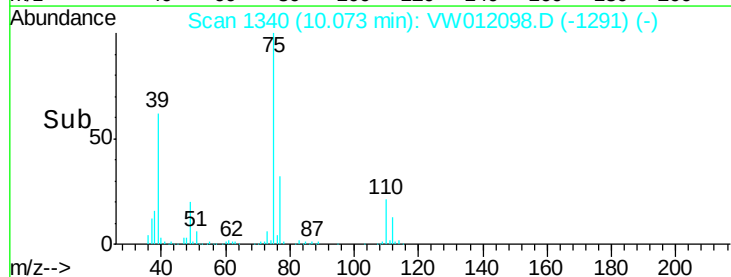
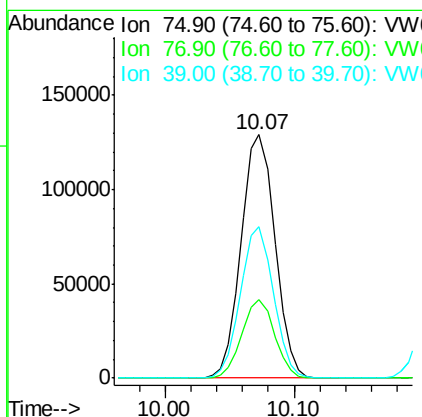
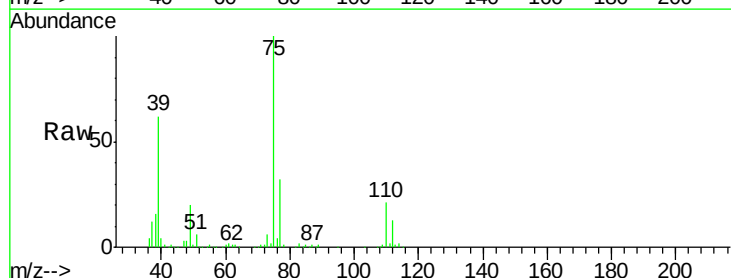
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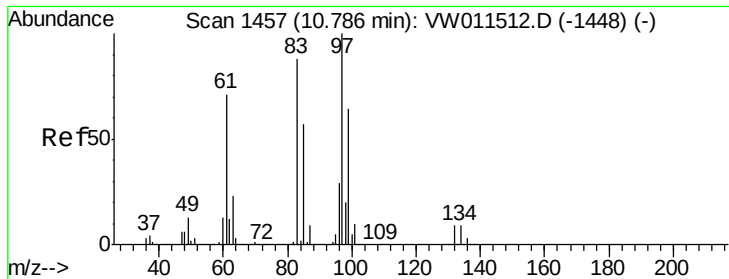
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#54
cis-1,3-Dichloropropene
Concen: 53.230 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion: 75 Resp: 235619
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 61.9 47.0 70.4





#55

1,1,2-Trichloroethane

Concen: 52.490 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

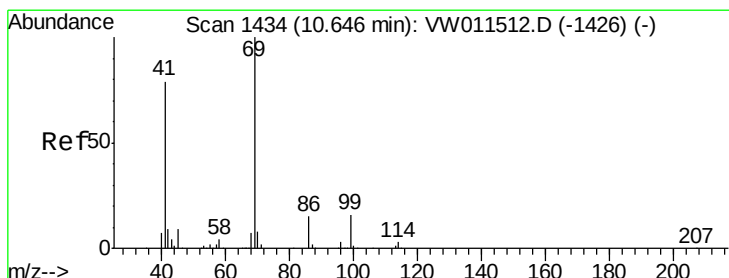
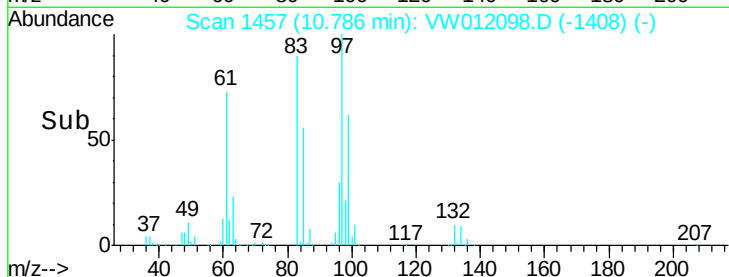
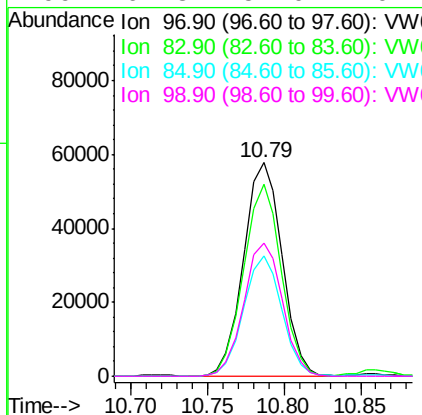
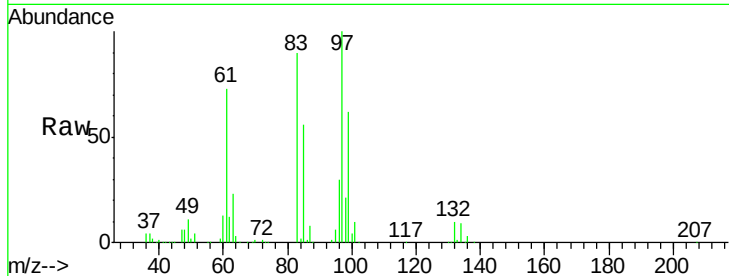
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	101184
Ion	Ratio	Lower	Upper
97	100		
83	89.7	70.5	105.7
85	56.2	45.8	68.6
99	62.3	51.0	76.4

Manual Integrations
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8/23/2019 10:54:47 AM



#56

Ethyl methacrylate

Concen: 53.545 ug/l

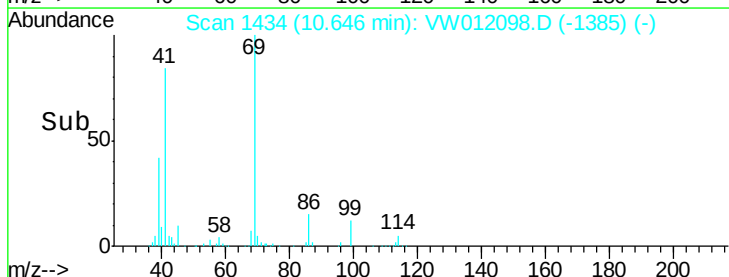
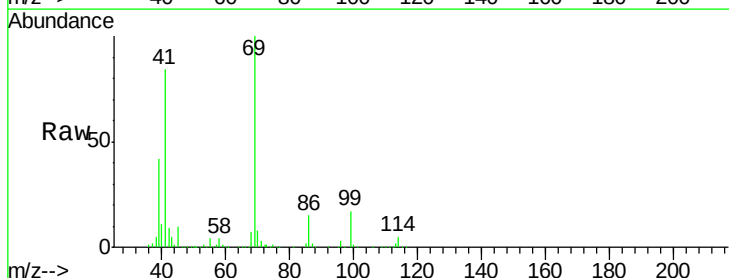
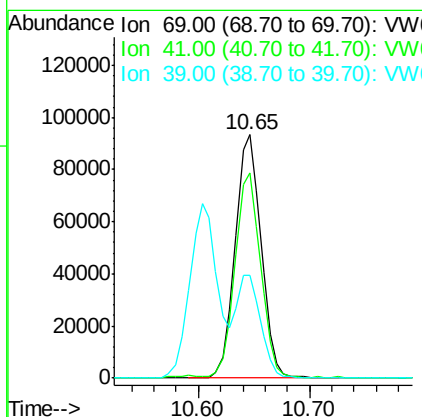
RT: 10.65 min Scan# 1434

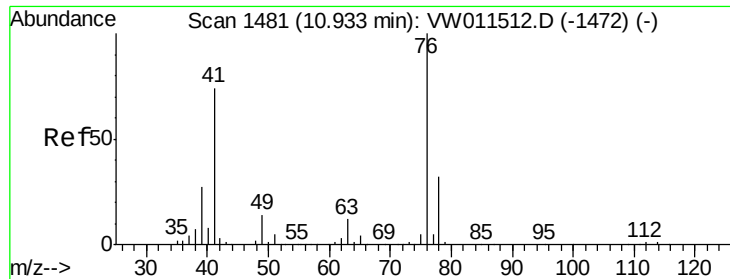
Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Tgt Ion:	69	Resp:	151040
Ion	Ratio	Lower	Upper
69	100		
41	82.2	66.6	99.8
39	39.1	30.3	45.5





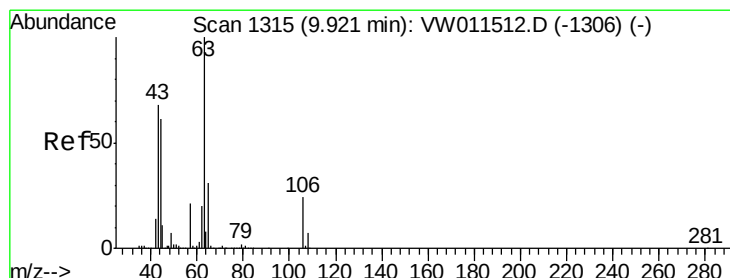
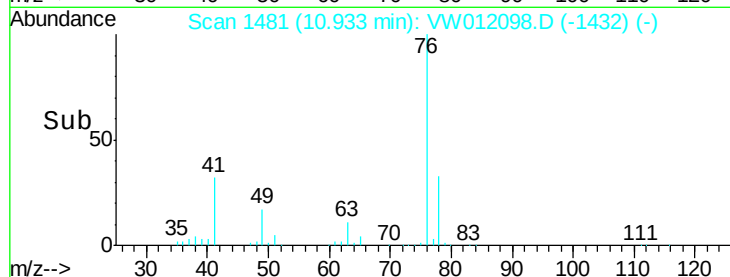
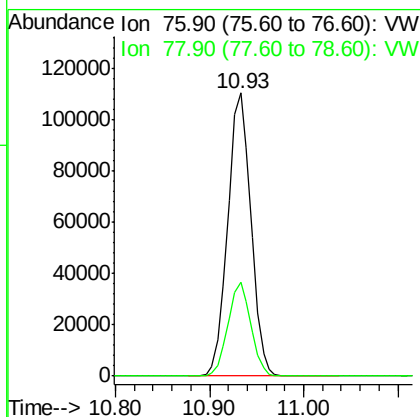
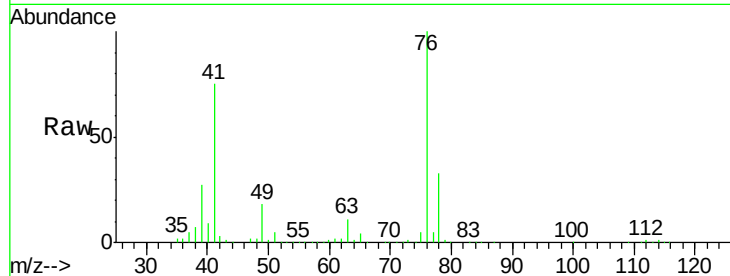
#57
 1,3-Dichloropropane
 Concen: 51.865 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 189150
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.2 37.8

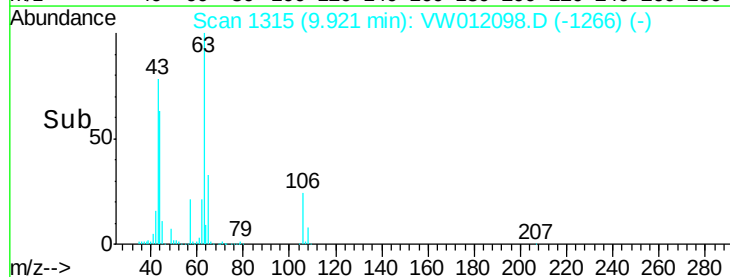
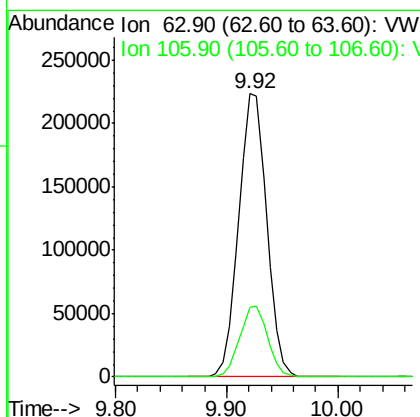
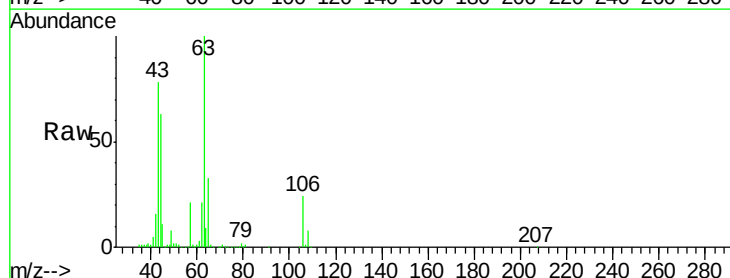
Manual Integrations
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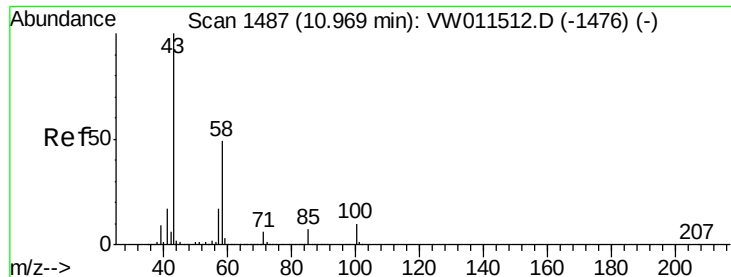
MMDadoda
 8/23/2019 10:54:47 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 304.656 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Tgt Ion: 63 Resp: 390194
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.7 29.5





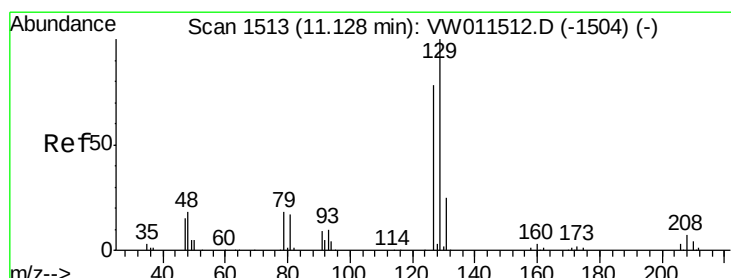
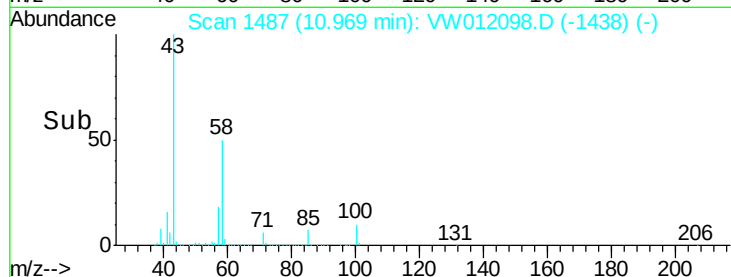
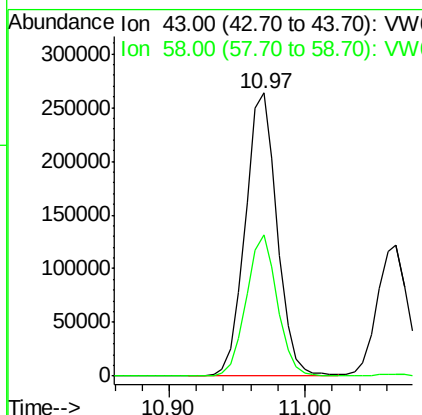
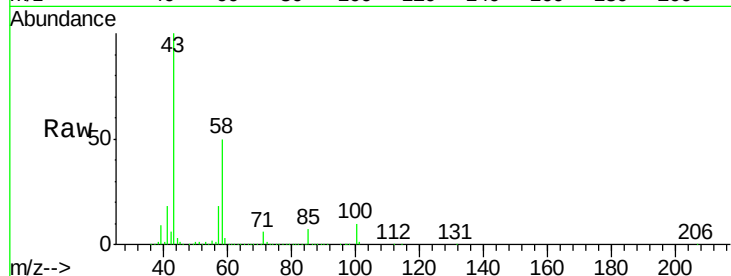
#59
2-Hexanone
Concen: 279.071 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 430709
Ion Ratio Lower Upper
43 100
58 48.8 24.3 72.9

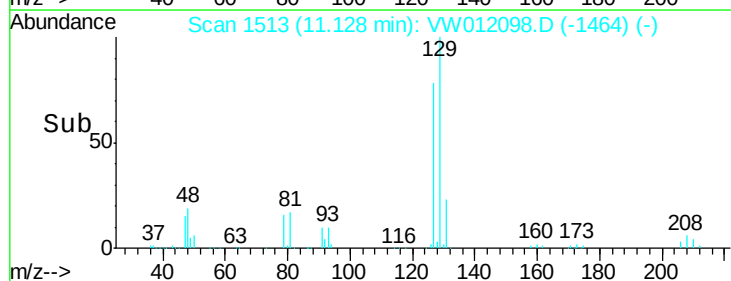
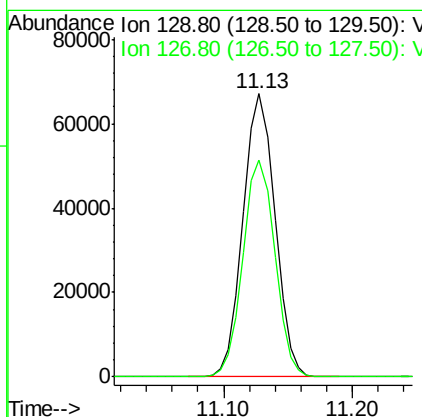
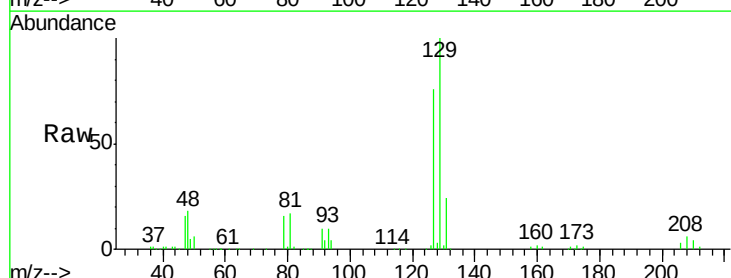
Manual Integrations
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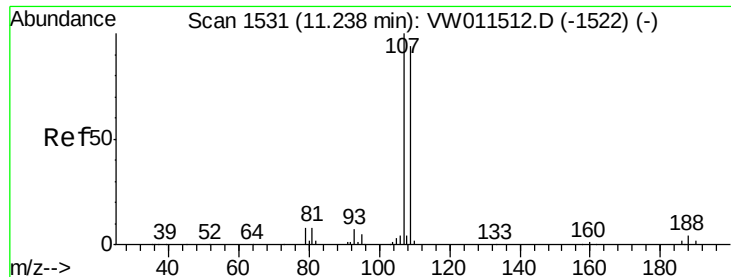
MMDadoda
8/23/2019 10:54:47 AM



#60
Dibromochloromethane
Concen: 53.930 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion: 129 Resp: 115398
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 51.163 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 93333

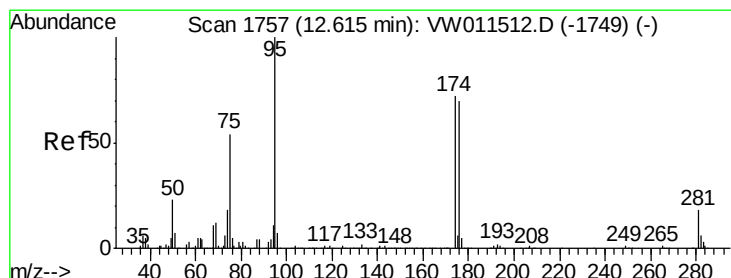
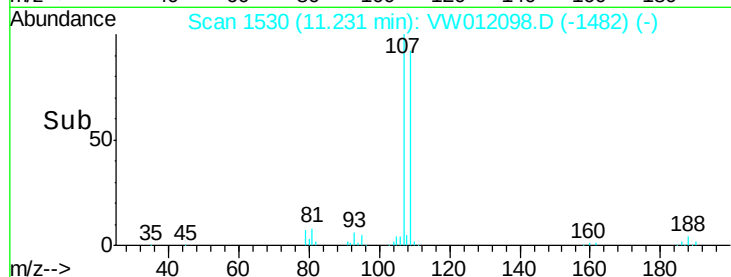
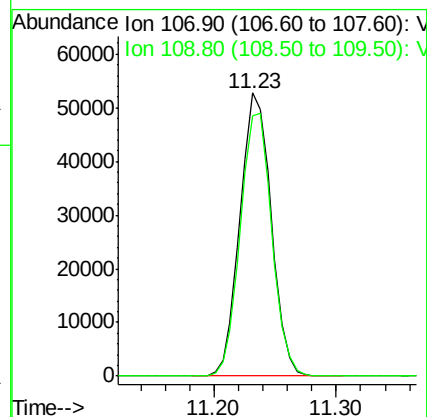
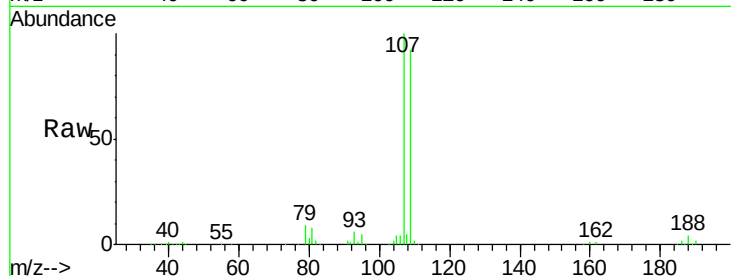
Ion Ratio Lower Upper

107 100

109 93.7 75.0 112.6

Manual Integrations
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MMDadoda
8/23/2019 10:54:47 AM



#62

4-Bromofluorobenzene

Concen: 52.794 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

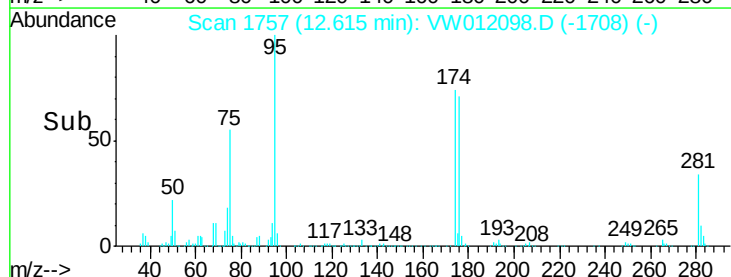
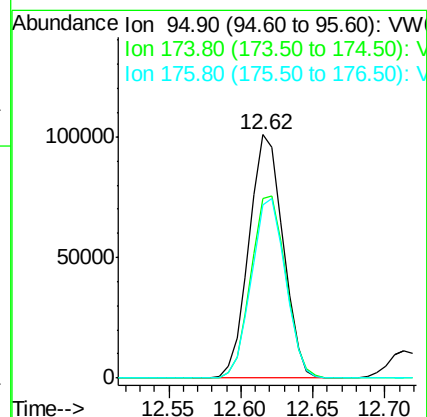
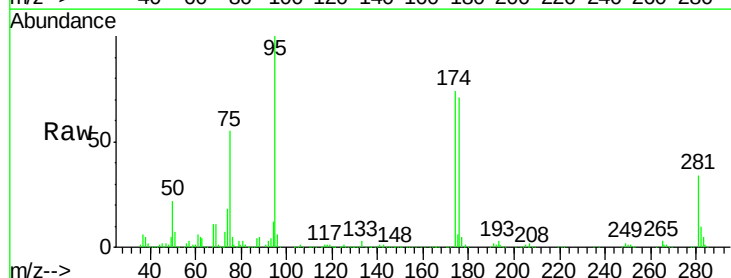
Tgt Ion: 95 Resp: 165138

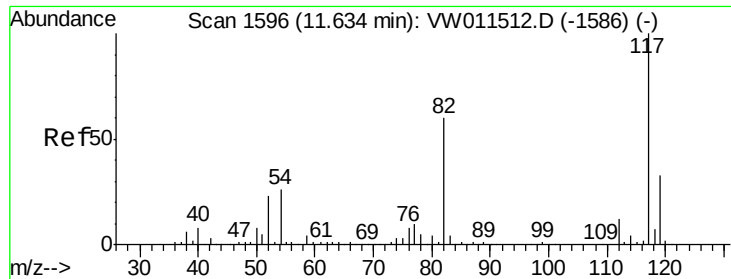
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.2

176 73.6 0.0 144.4





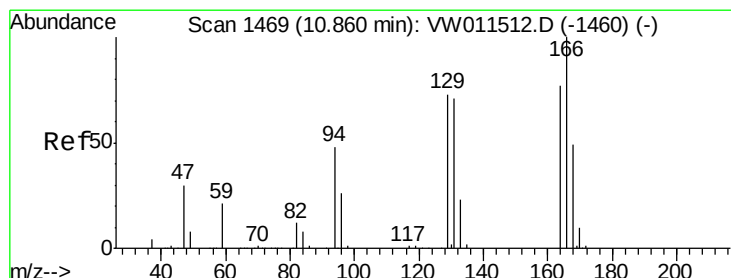
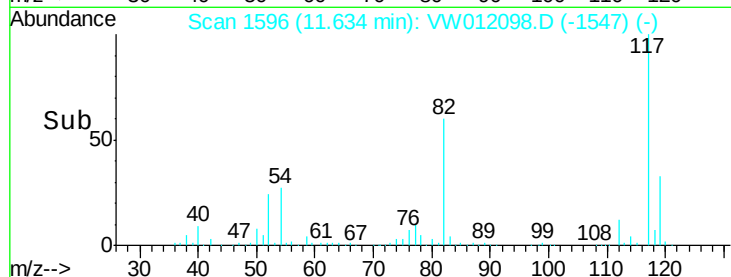
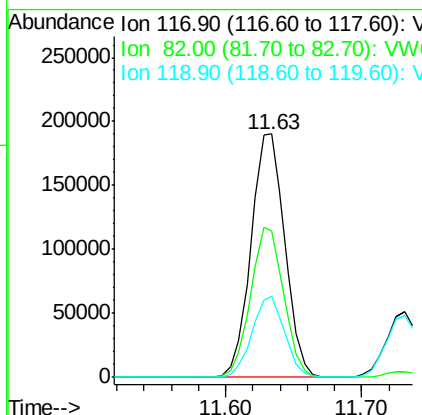
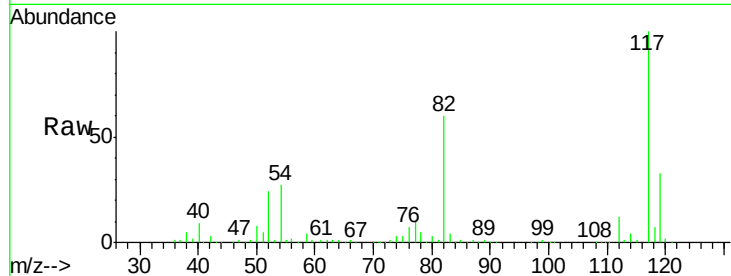
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.9	71.9
119	33.1	26.2	39.2

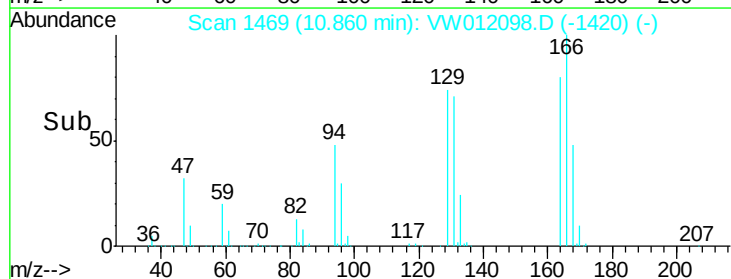
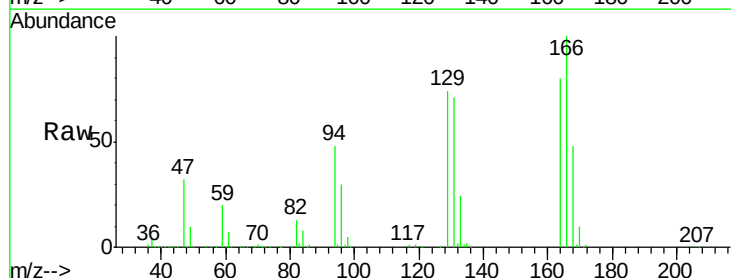
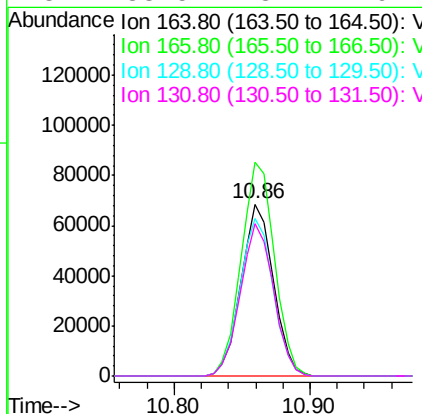
Manual Integrations
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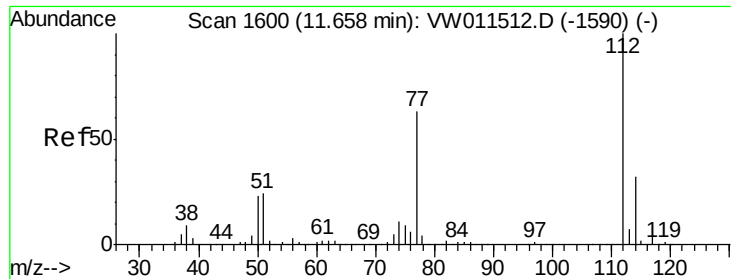
MMDadoda
8/23/2019 10:54:47 AM



#64
Tetrachloroethene
Concen: 52.890 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.5	103.5	155.3
129	91.8	75.2	112.8
131	88.5	73.4	110.2





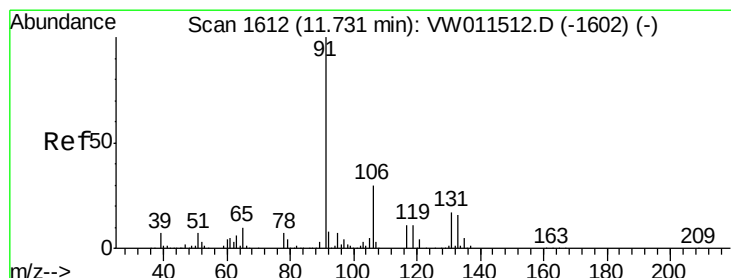
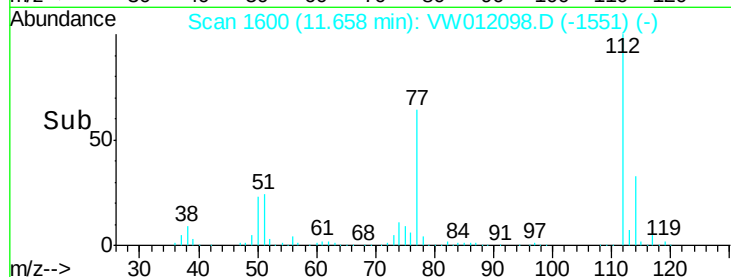
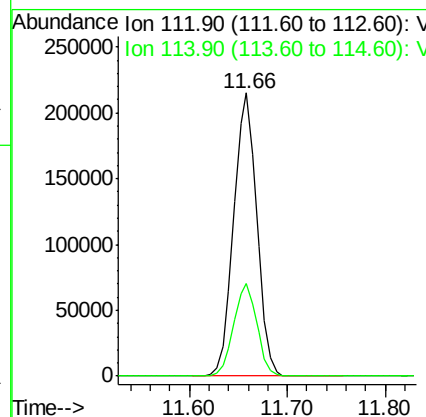
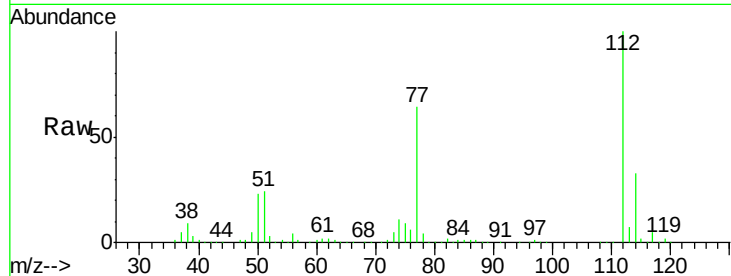
#65
Chlorobenzene
Concen: 52.869 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 352217
Ion Ratio Lower Upper
112 100
114 32.6 25.6 38.4

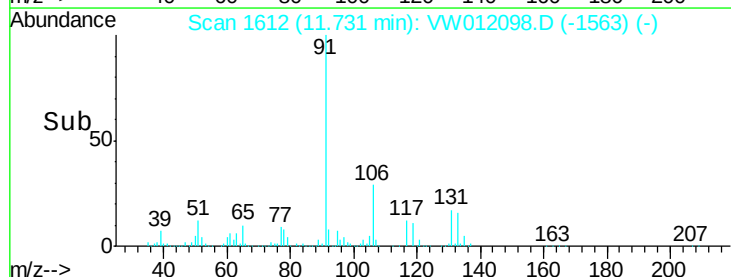
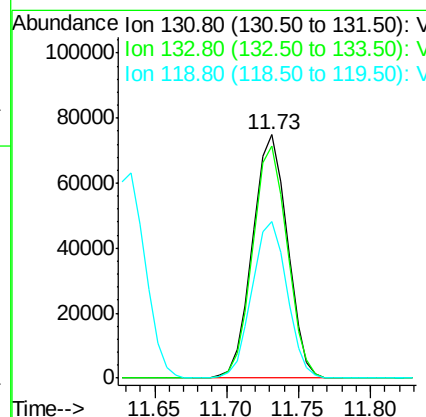
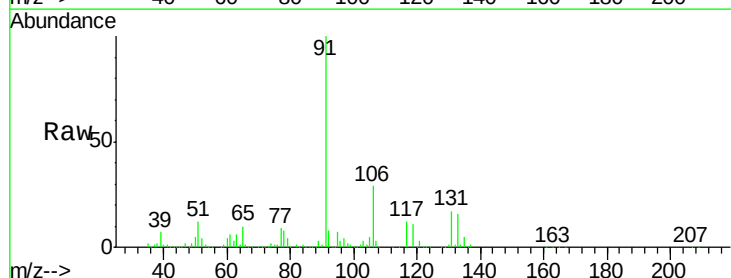
Manual Integrations
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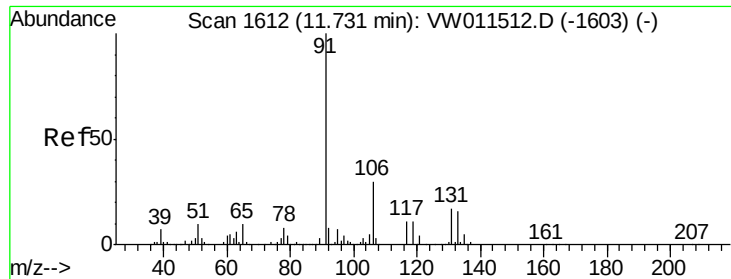
MMDadoda
8/23/2019 10:54:47 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.034 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion:131 Resp: 125390
Ion Ratio Lower Upper
131 100
133 94.7 47.4 142.2
119 64.7 32.3 96.9





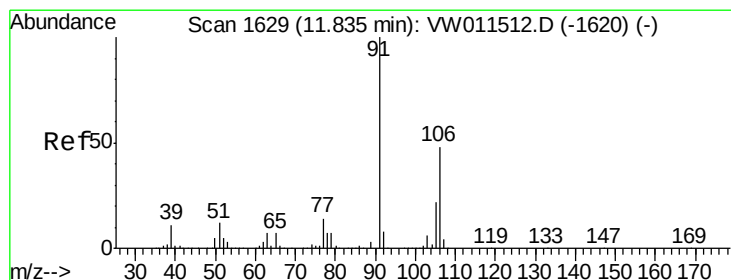
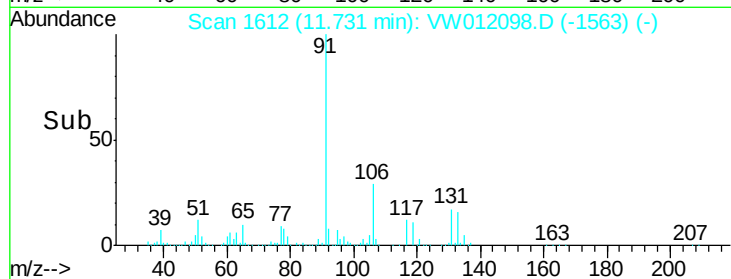
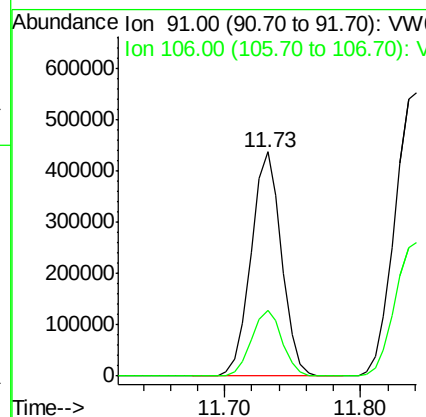
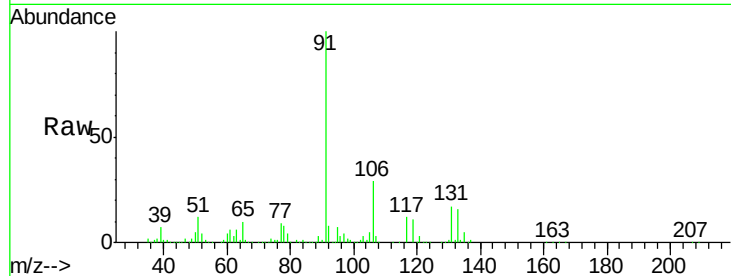
#67
Ethyl Benzene
Concen: 54.138 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.8	35.6

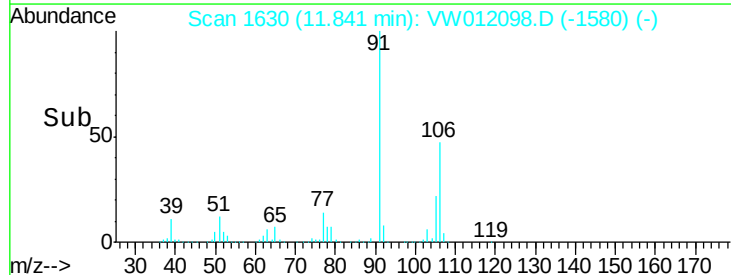
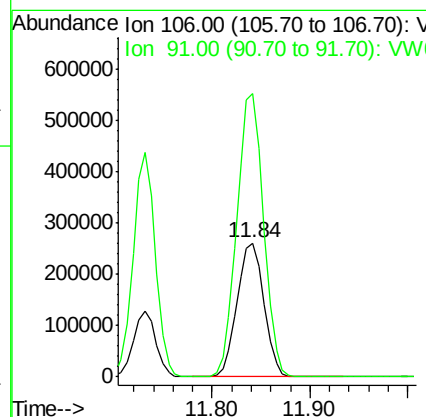
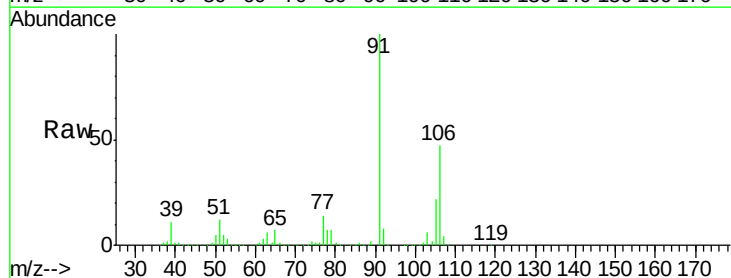
Manual Integrations
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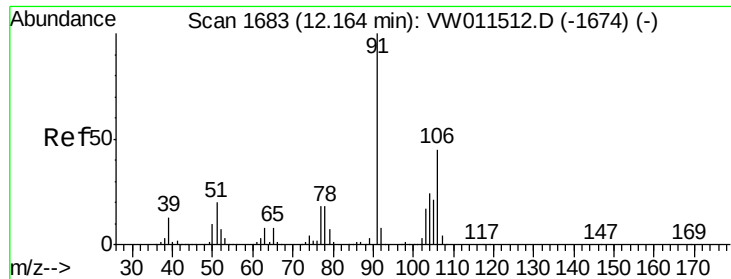
MMDadoda
8/23/2019 10:54:47 AM



#68
m/p-Xylenes
Concen: 107.792 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.3	168.2	252.2





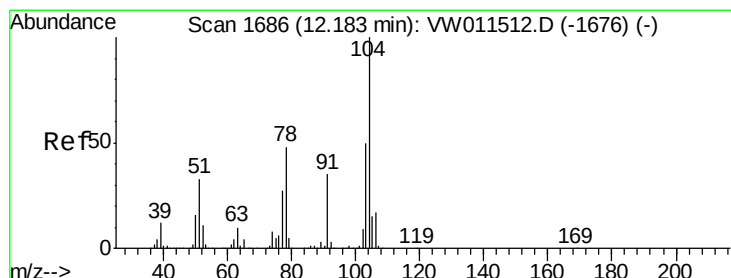
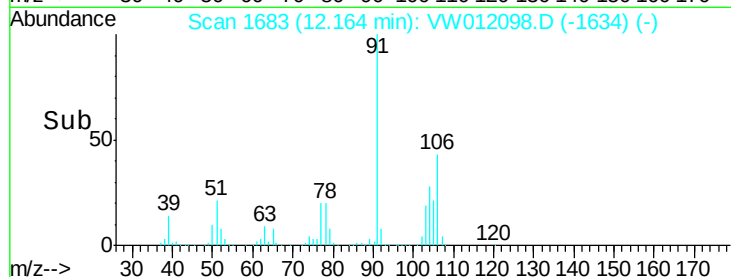
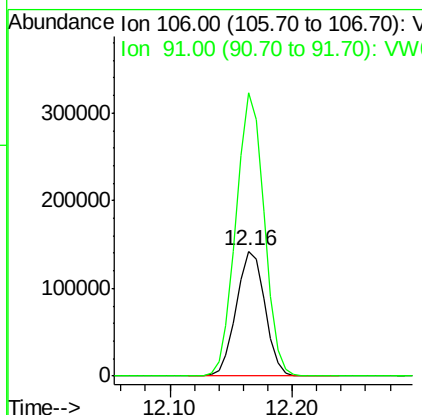
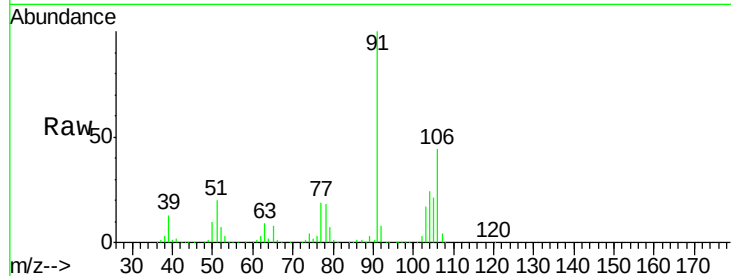
#69
o-Xylene
Concen: 53.847 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	230893		
91	222.8	110.5	331.5	

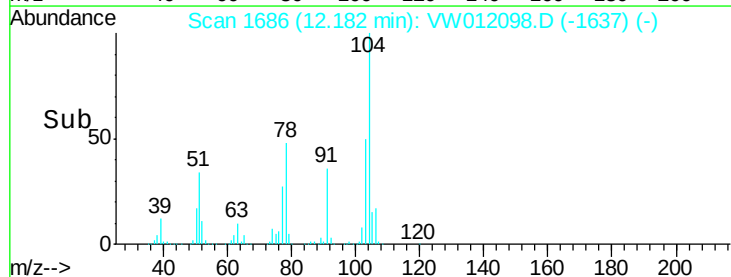
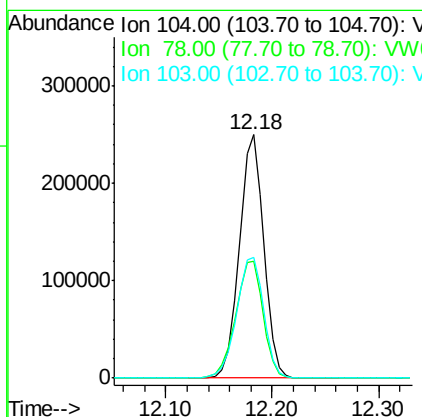
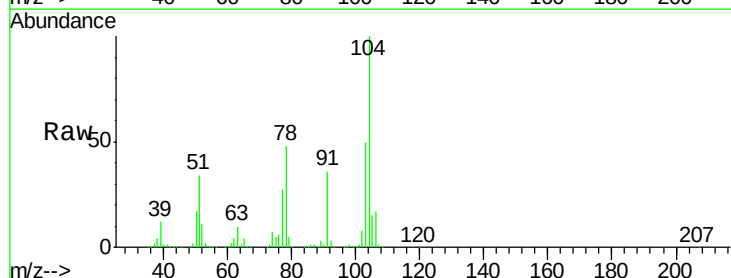
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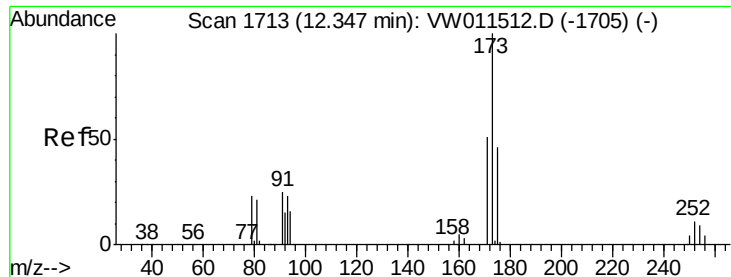
MMDadoda
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#70
Styrene
Concen: 54.229 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	402048		
78	54.0	43.4	65.0	
103	55.4	43.9	65.9	





#71

Bromoform

Concen: 54.152 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 64071

Ion Ratio Lower Upper

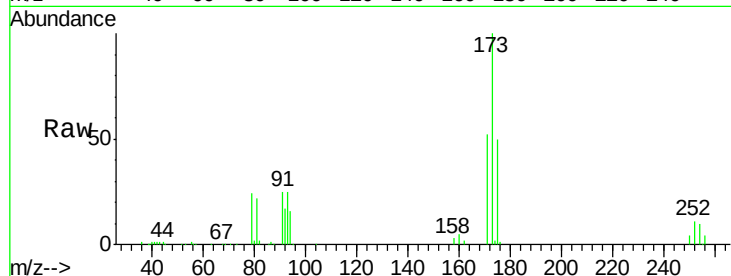
173 100

175 48.2 23.6 71.0

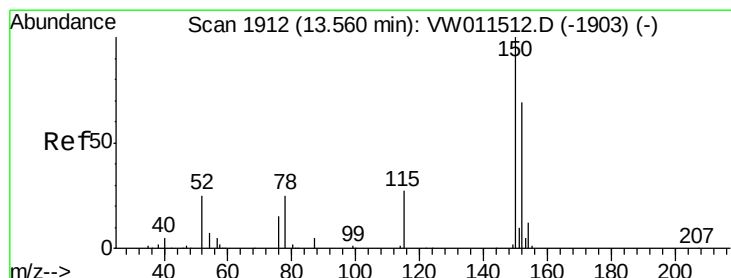
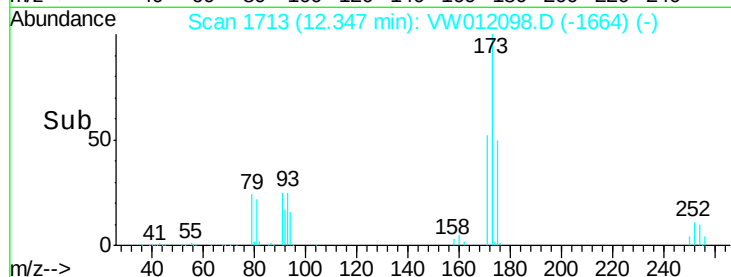
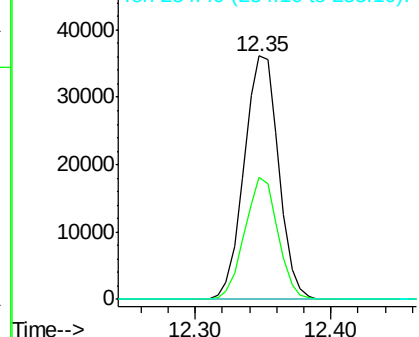
254 0.2 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

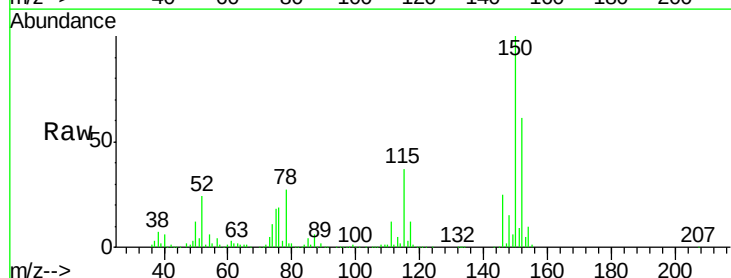
Tgt Ion:152 Resp: 162259

Ion Ratio Lower Upper

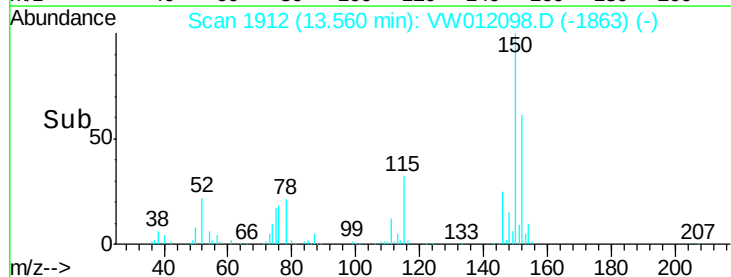
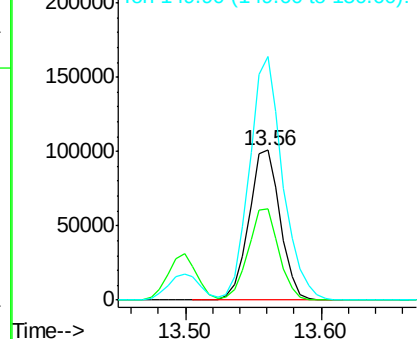
152 100

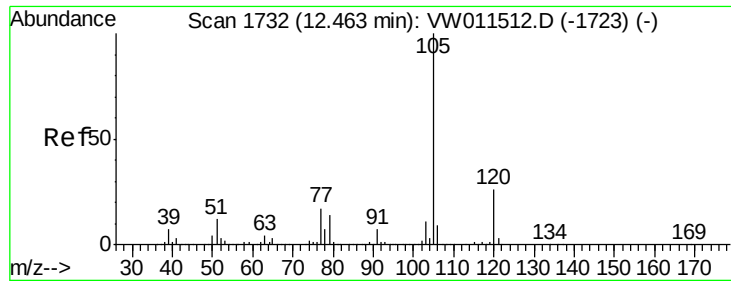
115 59.6 30.5 91.5

150 172.5 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





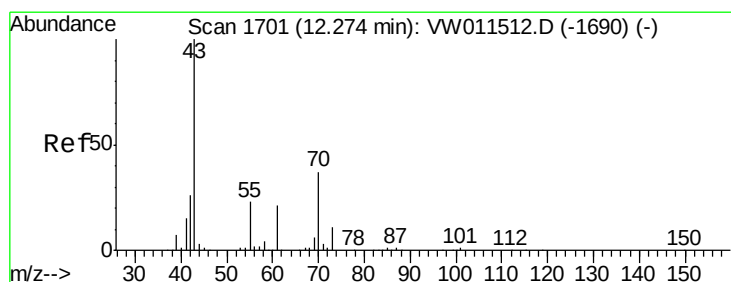
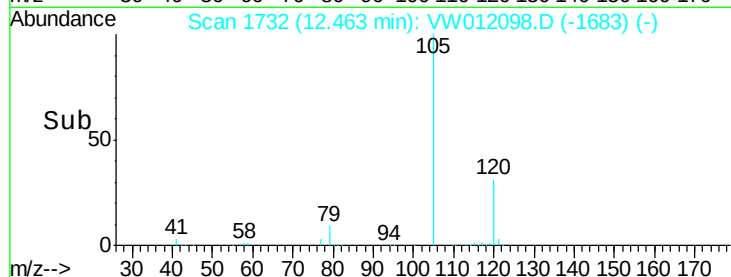
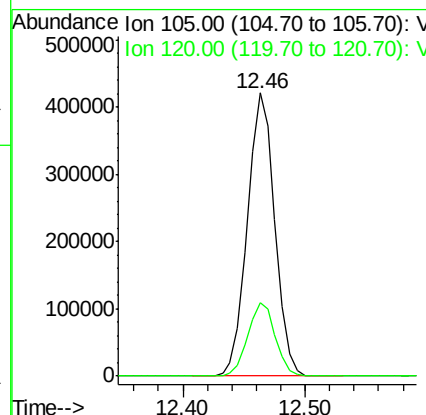
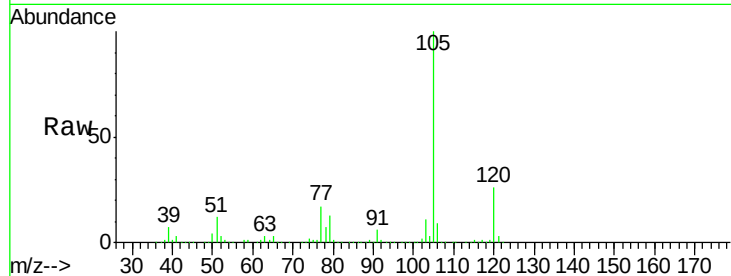
#73
Isopropylbenzene
Concen: 53.911 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	12.9	38.7

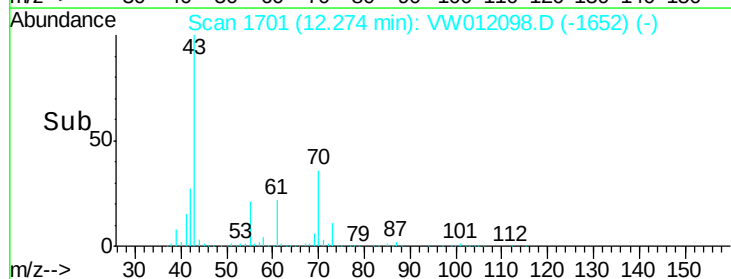
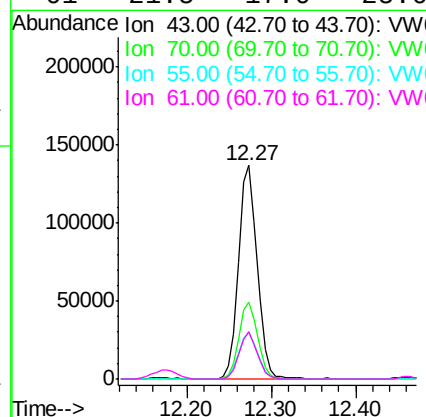
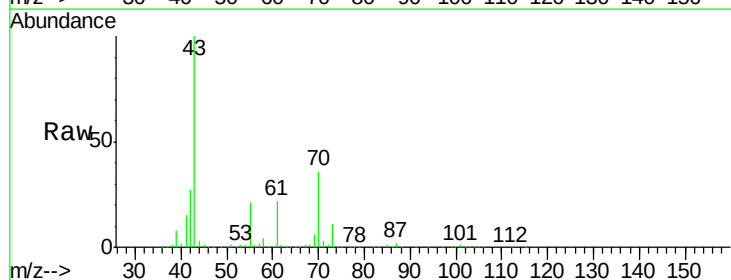
Manual Integrations
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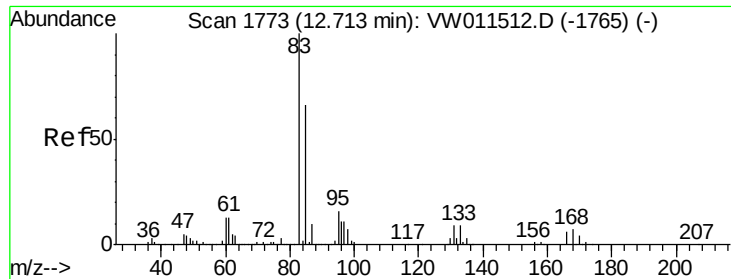
MMDadoda
8/23/2019 10:54:47 AM



#74
N-ethyl acetate
Concen: 53.829 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
43	100		
70	36.5	28.6	43.0
55	22.2	17.8	26.8
61	21.5	17.0	25.6





#75

1,1,2,2-Tetrachloroethane

Concen: 52.024 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

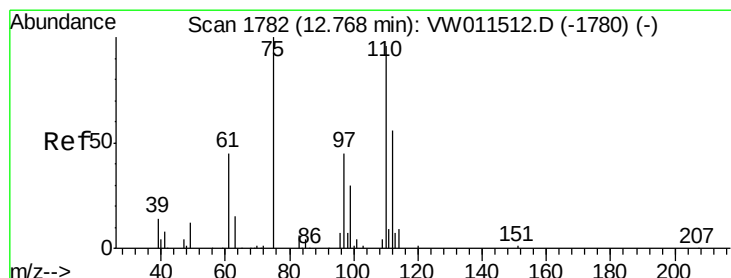
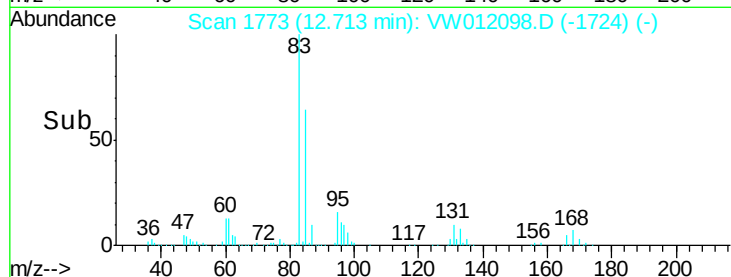
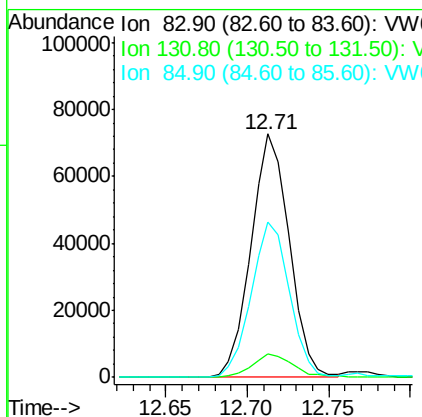
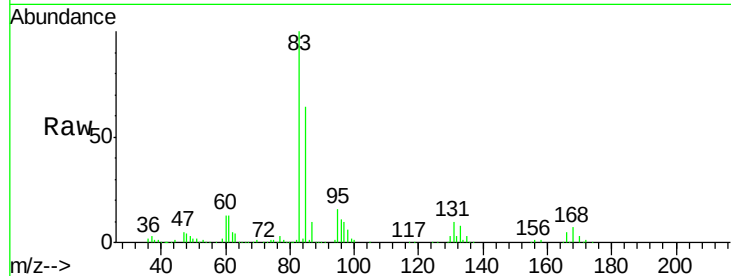
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	118454
Ion Ratio	Lower	Upper	
83	100		
131	10.2	4.9	14.6
85	63.9	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.612 ug/l m

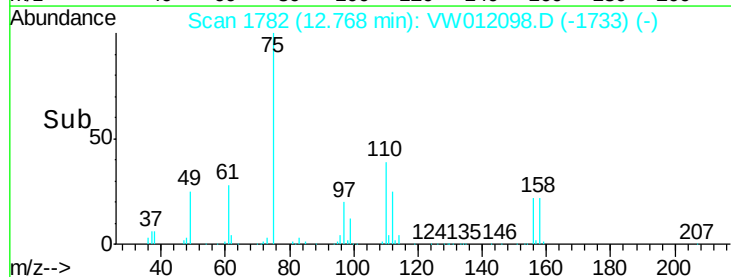
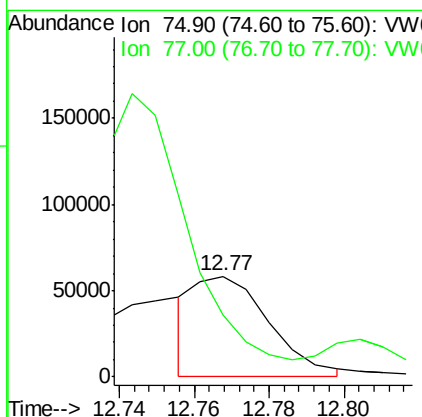
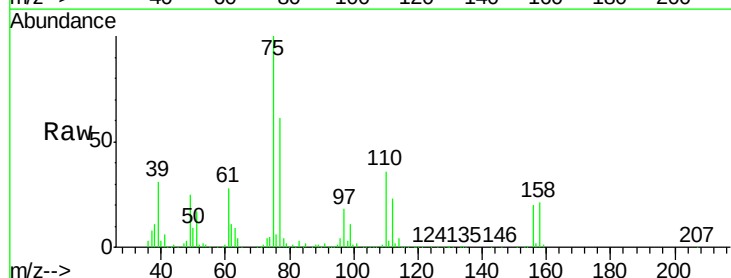
RT: 12.77 min Scan# 1782

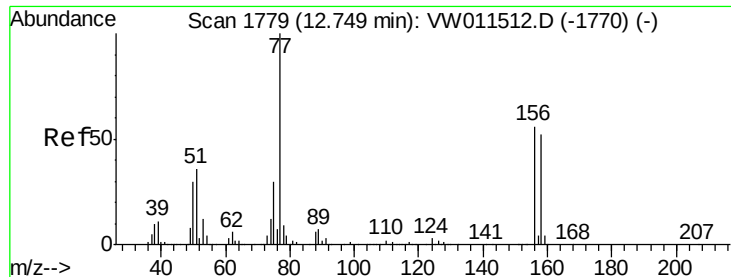
Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Tgt Ion:	75	Resp:	81744
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





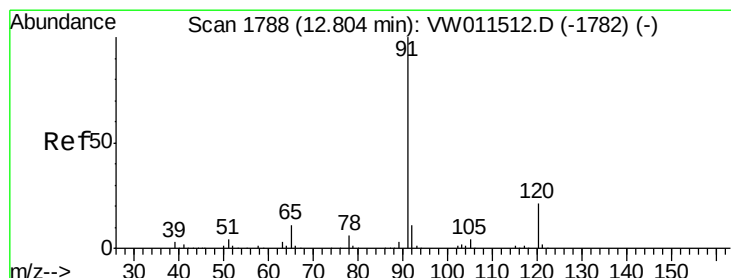
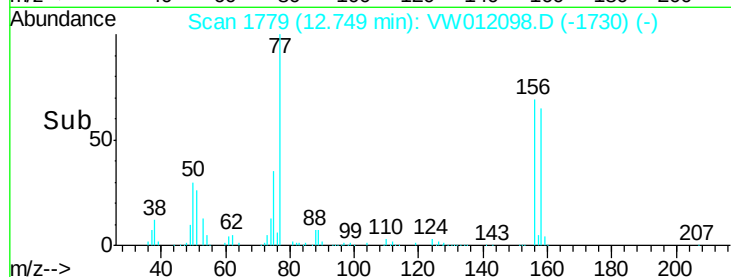
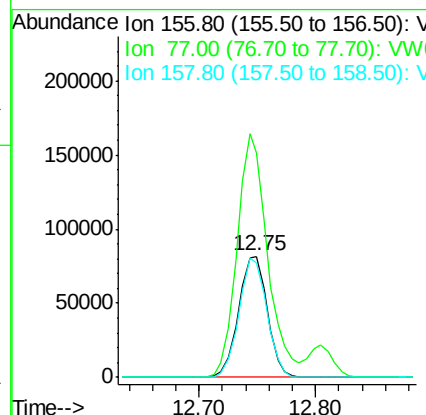
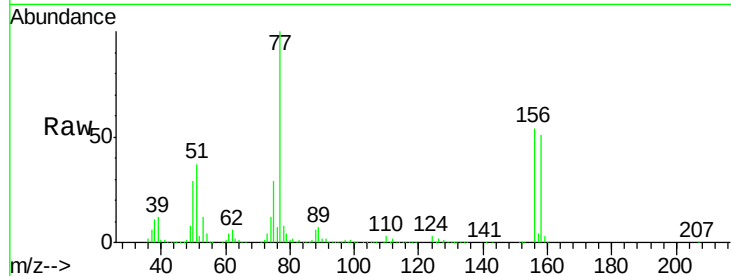
#77
Bromobenzene
Concen: 52.516 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	212.8	106.5	319.4
158	95.7	48.0	144.2

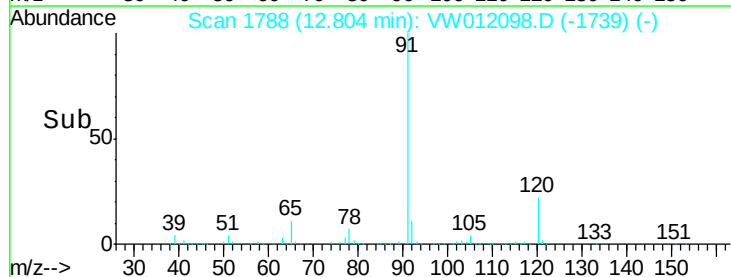
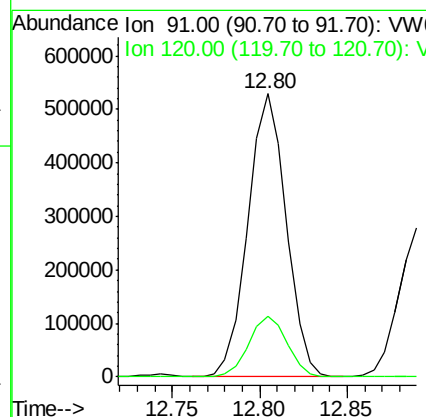
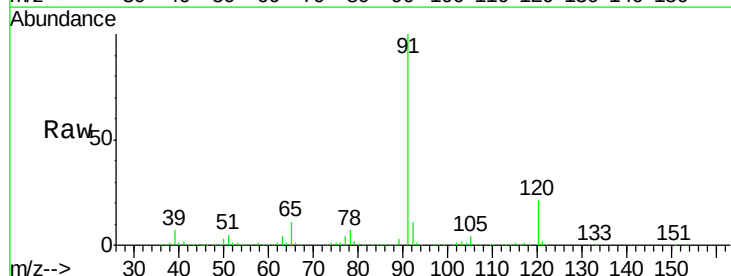
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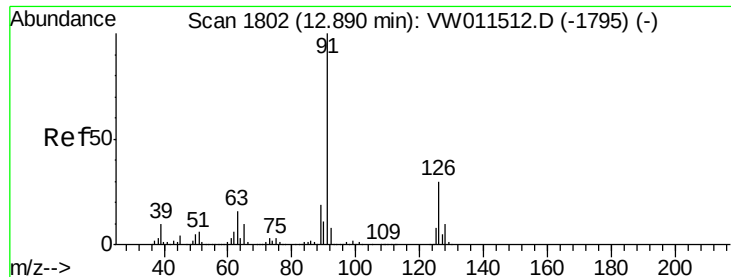
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#78
n-propylbenzene
Concen: 54.527 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.9	32.7





#79

2-Chlorotoluene

Concen: 52.507 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 445625

Ion Ratio Lower Upper

91 100

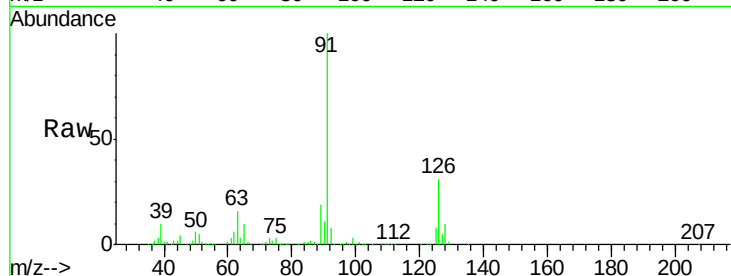
126 31.6 15.7 47.1

Manual Integrations

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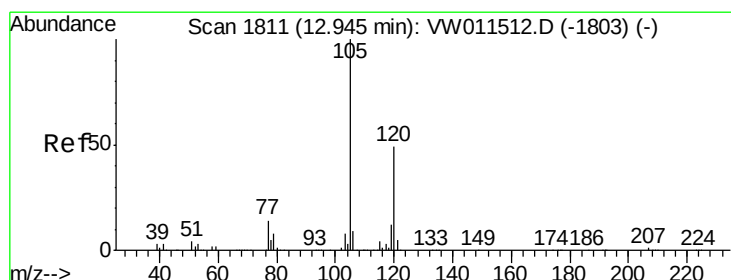
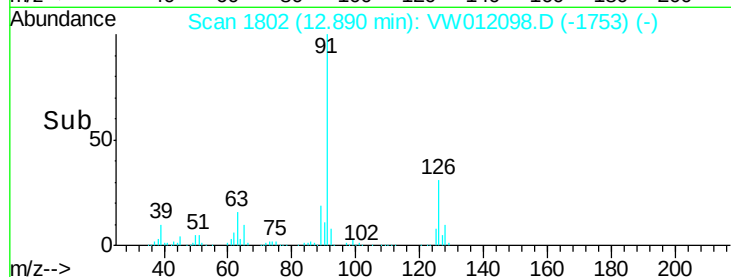
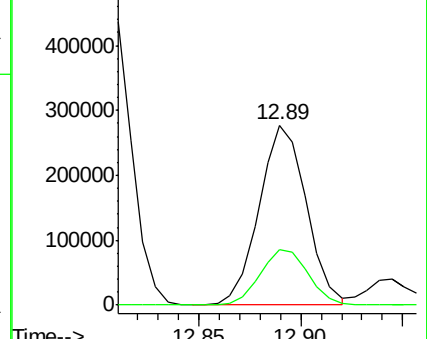
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.909 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012098.D

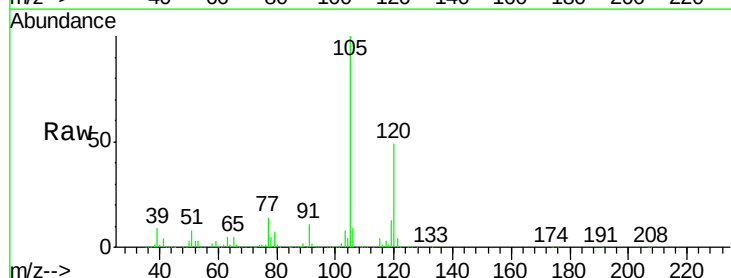
Acq: 22 Aug 2019 09:31

Tgt Ion:105 Resp: 547013

Ion Ratio Lower Upper

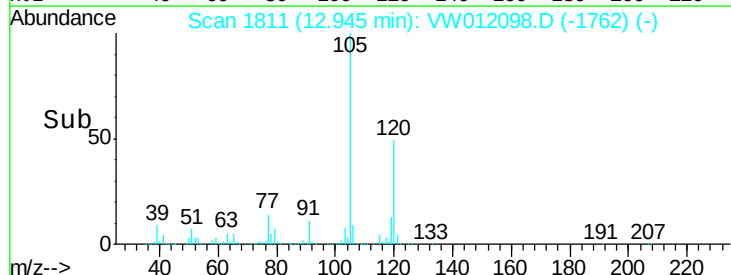
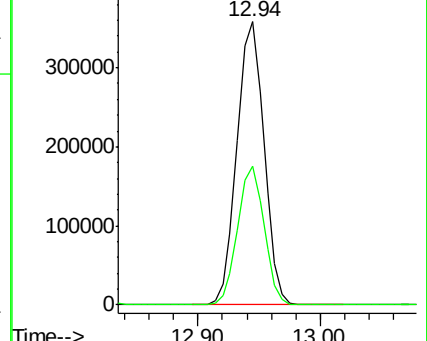
105 100

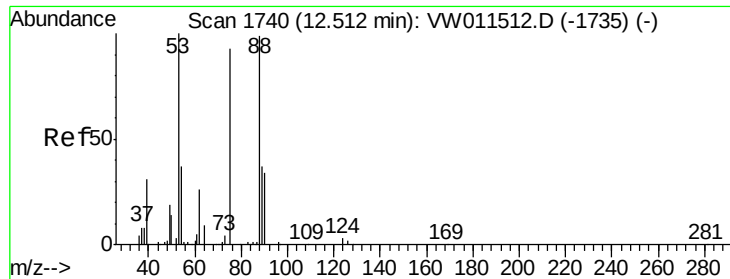
120 48.0 24.1 72.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





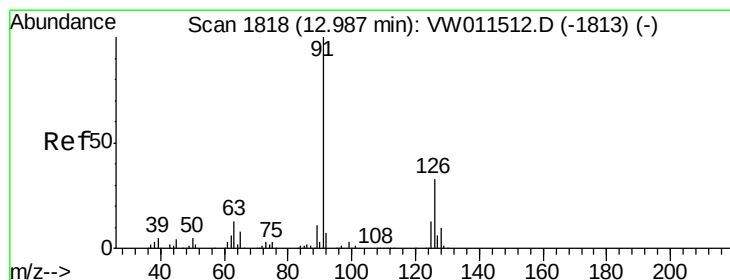
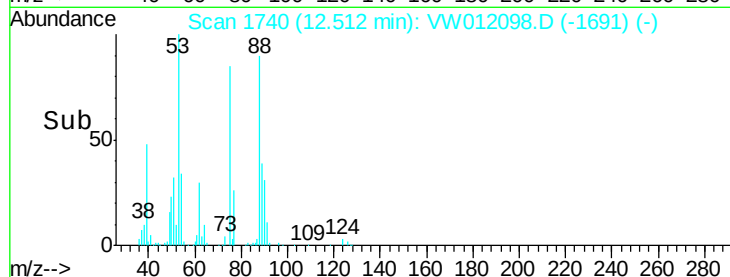
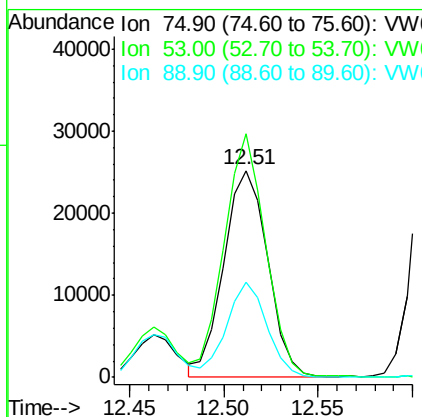
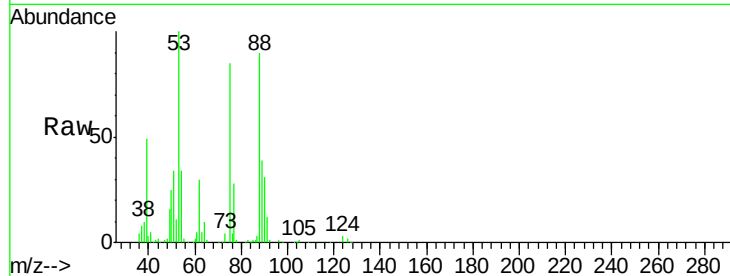
#81
trans-1,4-Dichloro-2-butene
Concen: 54.110 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.2	88.0	132.0
89	42.6	35.3	52.9

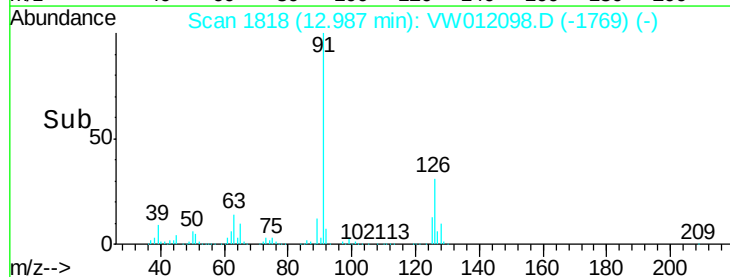
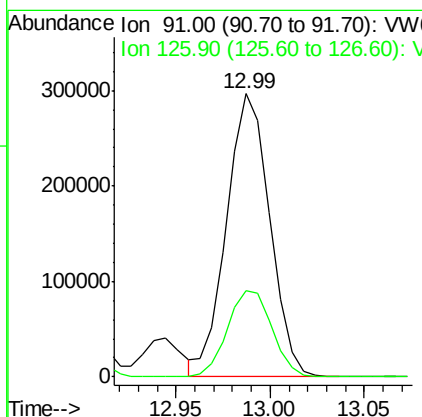
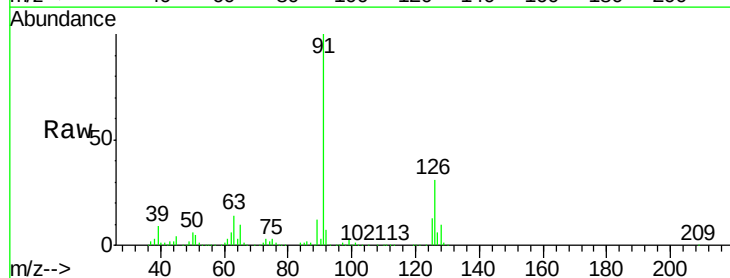
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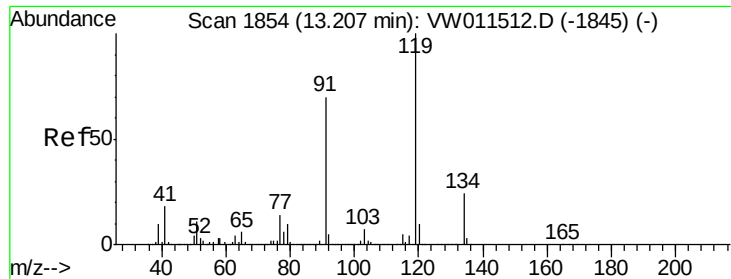
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#82
4-Chlorotoluene
Concen: 52.870 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.6	46.8





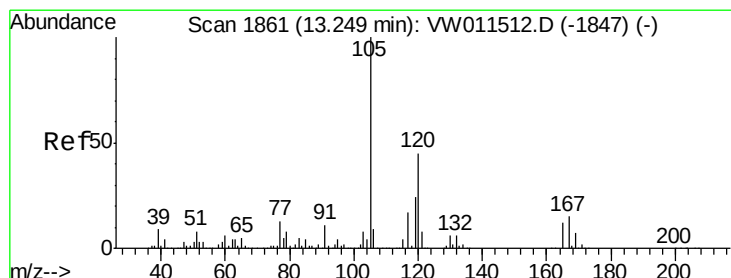
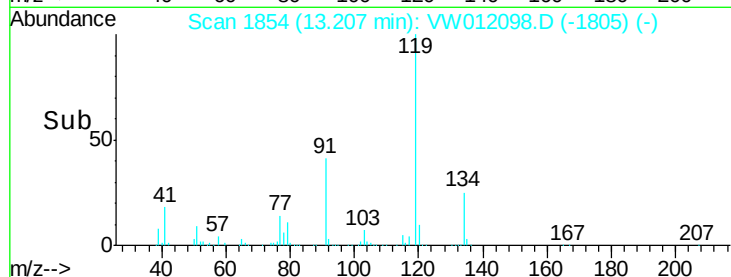
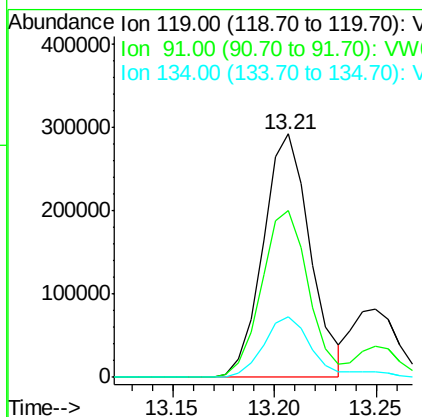
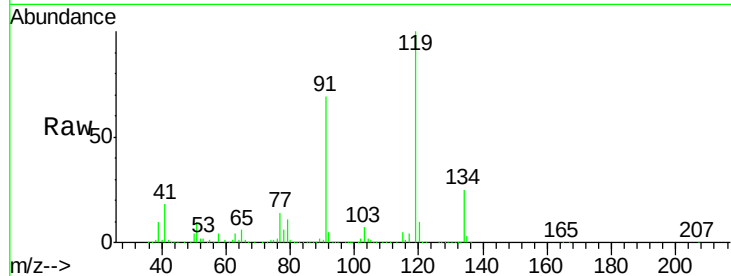
#83
 tert-Butylbenzene
 Concen: 55.458 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	470577		
91	68.1		34.5	103.6
134	24.8		12.4	37.4

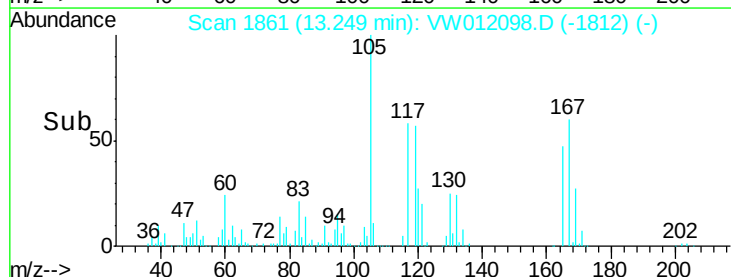
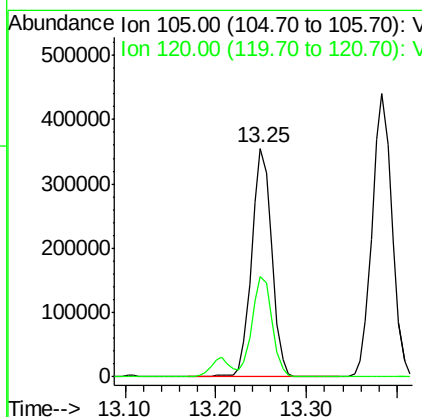
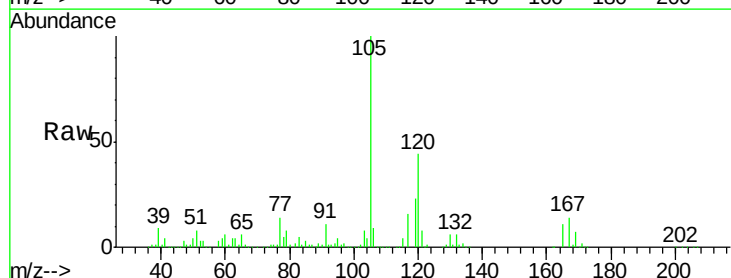
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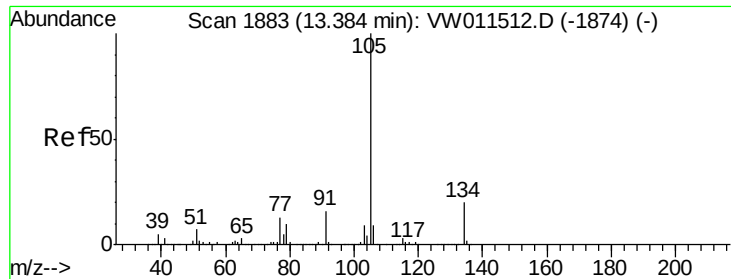
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.341 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	545227		
120	43.7		22.1	66.5





#85

sec-Butylbenzene

Concen: 55.132 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 667513

Ion Ratio Lower Upper

105 100

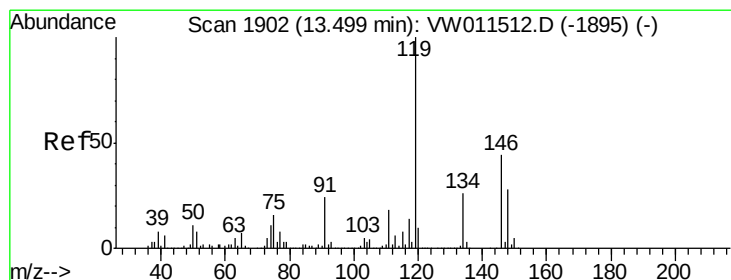
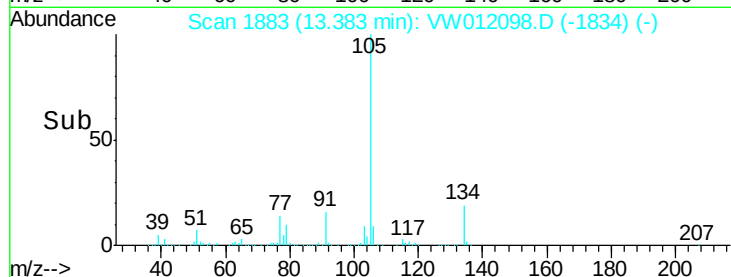
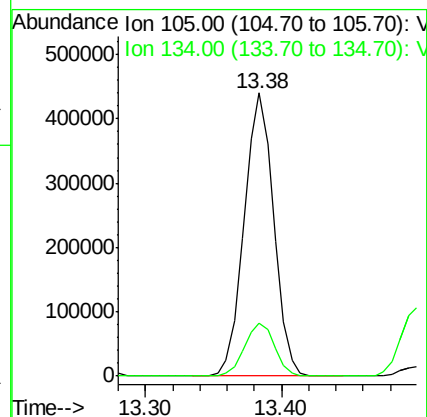
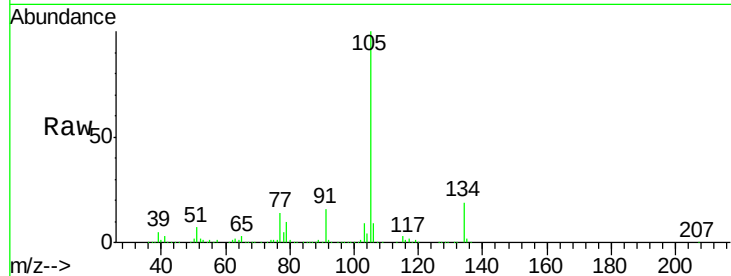
134 19.3 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 54.400 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

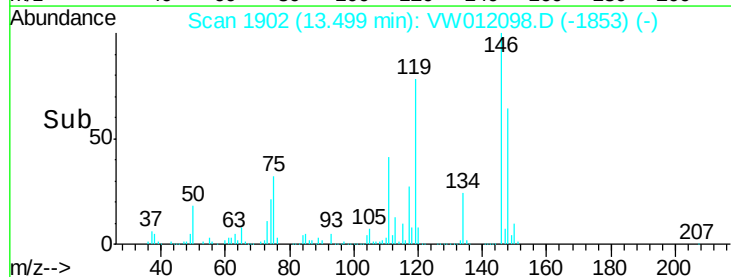
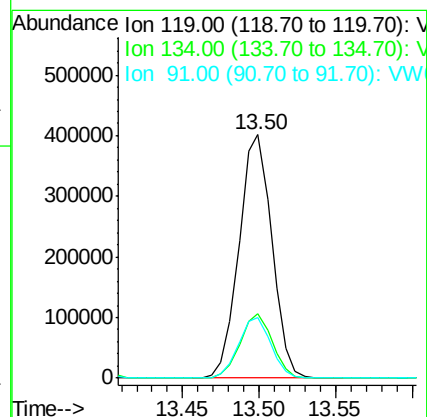
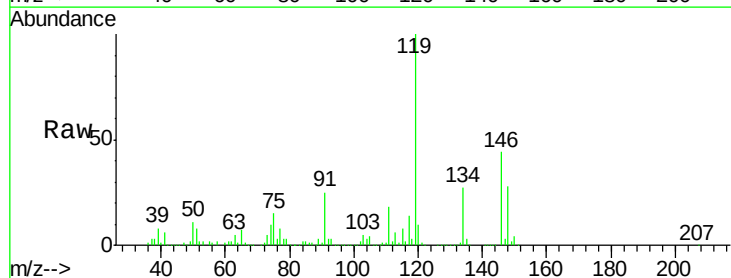
Tgt Ion:119 Resp: 597603

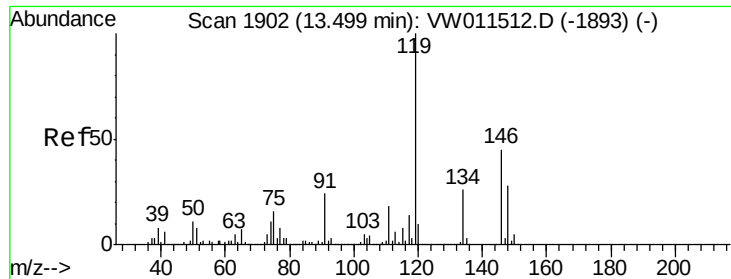
Ion Ratio Lower Upper

119 100

134 26.0 12.8 38.4

91 24.5 12.1 36.3





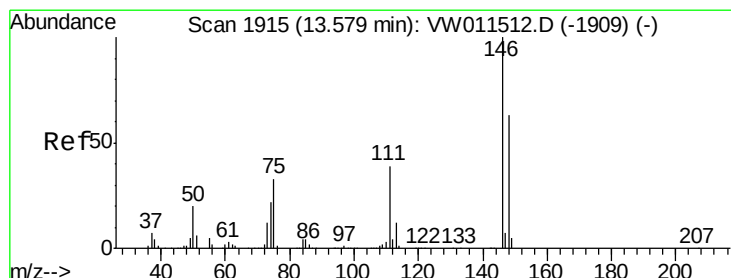
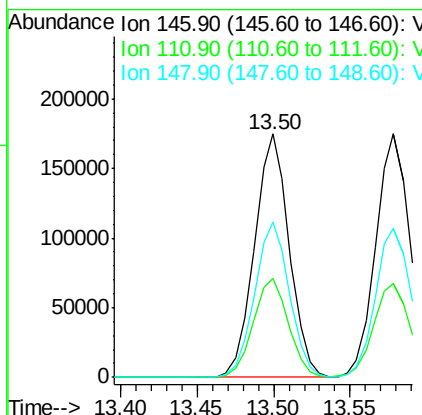
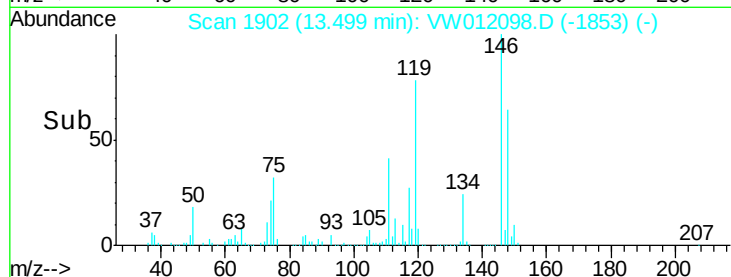
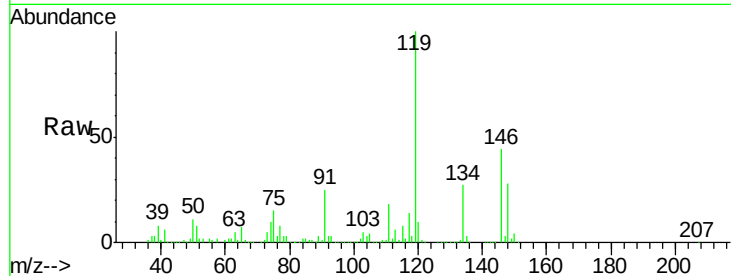
#87
 1,3-Dichlorobenzene
 Concen: 52.509 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	275471		
111	41.0	20.5	61.6	
148	64.0	31.8	95.3	

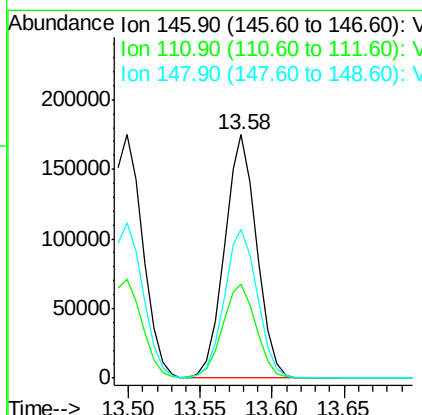
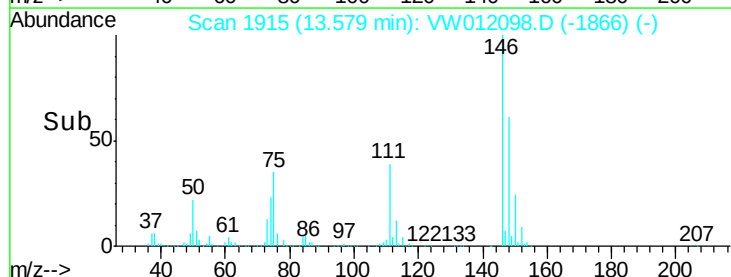
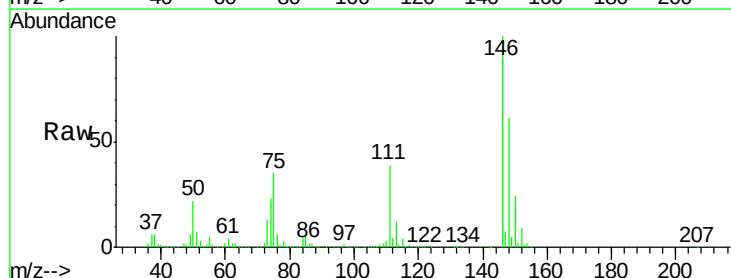
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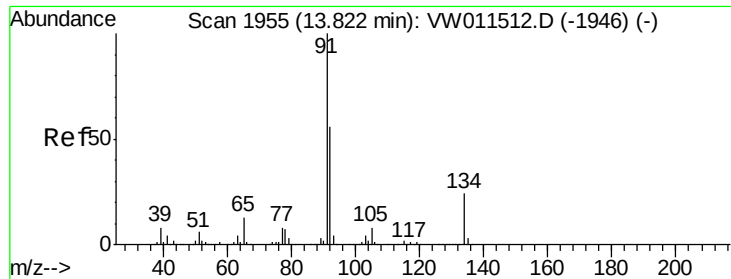
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#88
 1,4-Dichlorobenzene
 Concen: 52.142 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	272116		
111	40.2	20.1	60.2	
148	63.1	31.9	95.9	





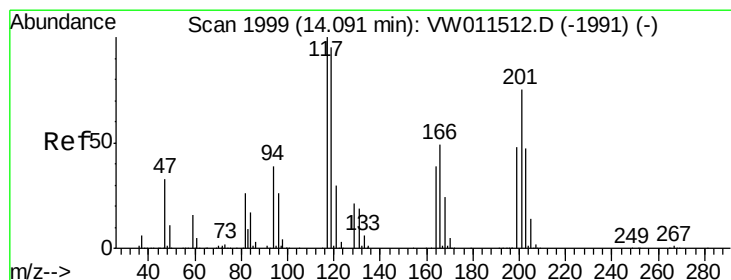
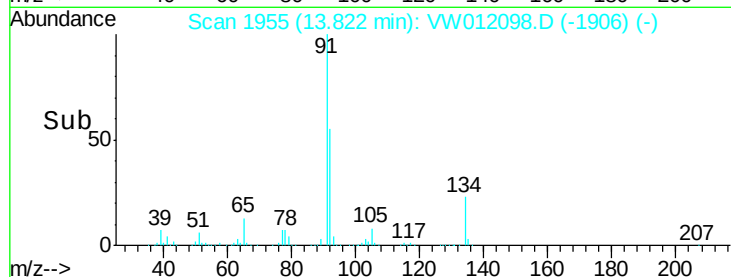
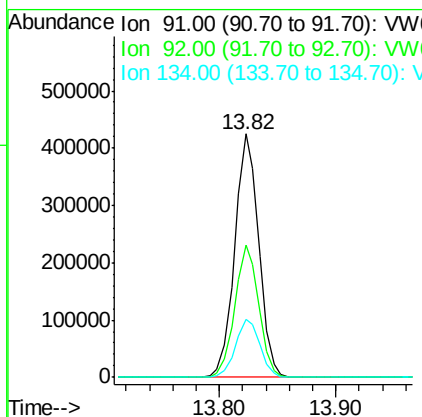
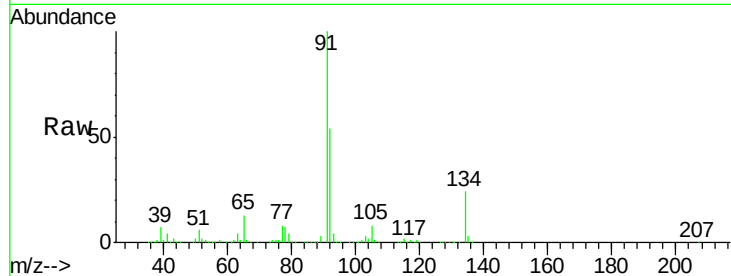
#89
n-Butylbenzene
Concen: 55.535 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.5	82.4
134	24.3	12.2	36.6

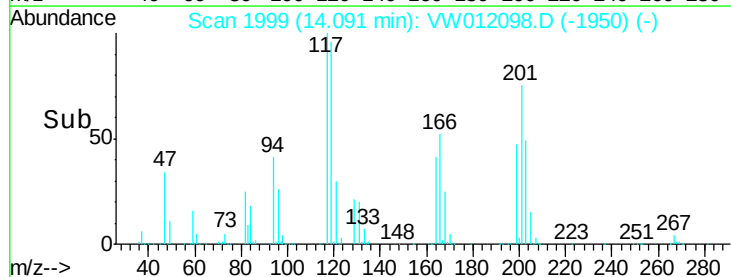
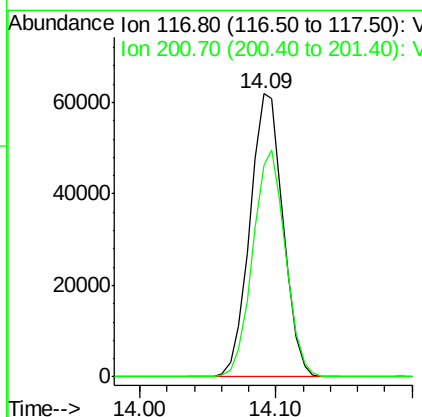
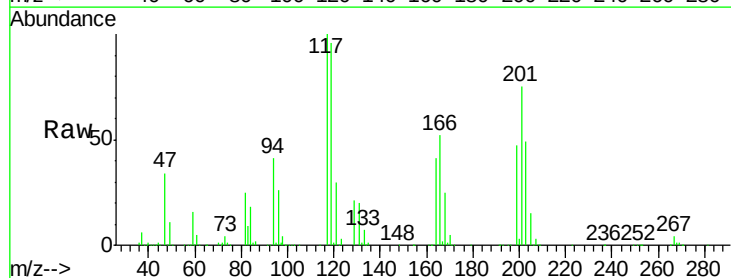
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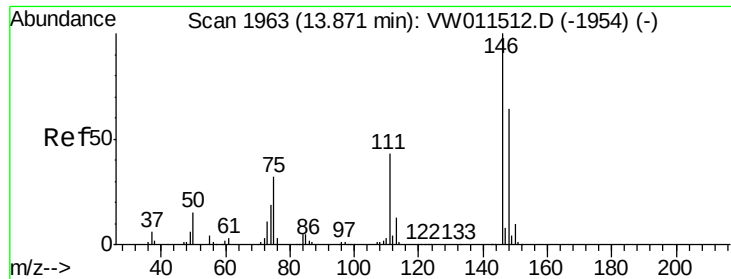
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#90
Hexachloroethane
Concen: 54.383 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012098.D
Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.9	39.4	118.2





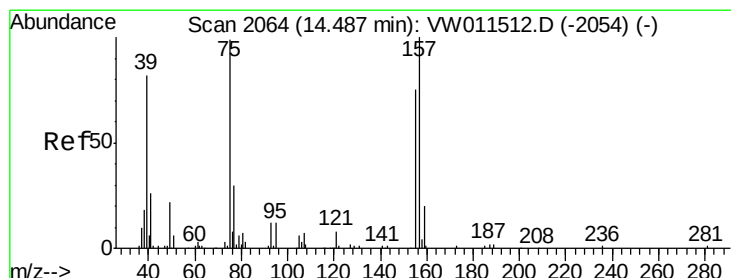
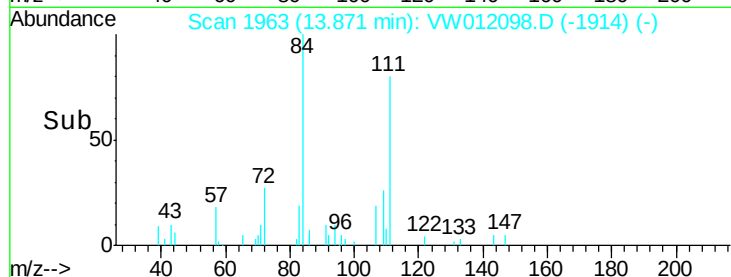
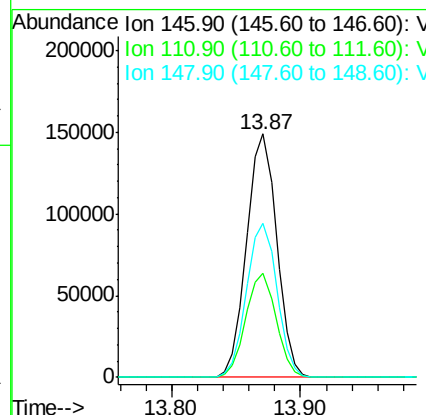
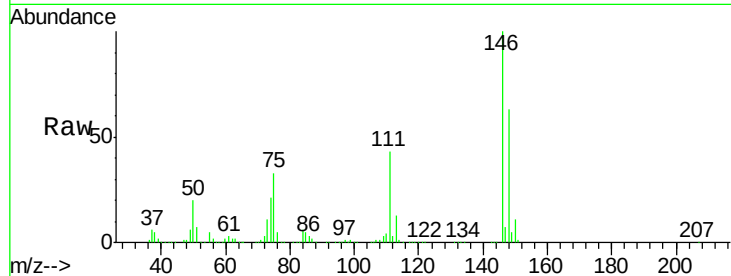
#91
 1,2-Dichlorobenzene
 Concen: 51.977 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.6	65.0
148	63.8	32.0	96.2

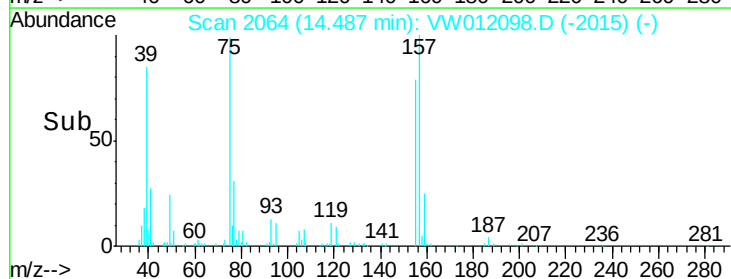
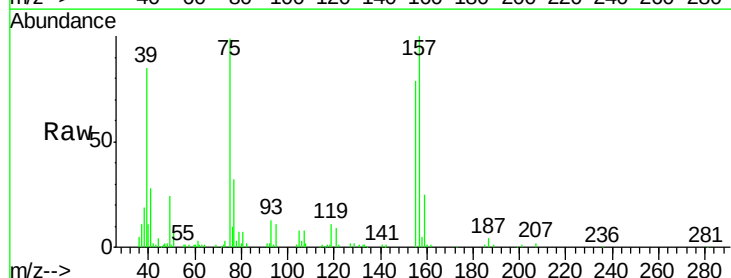
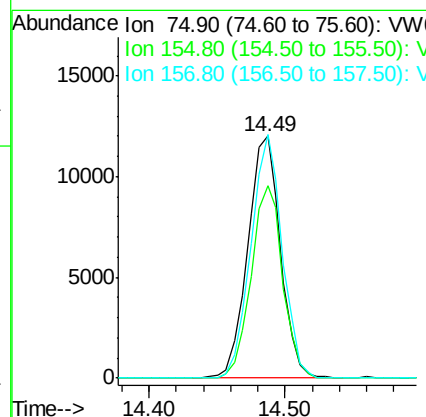
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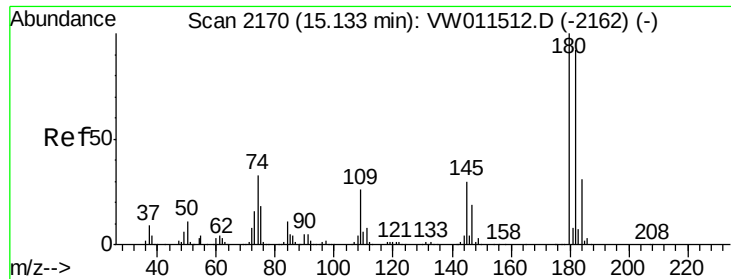
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.840 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.7	38.2	114.6
157	96.0	48.9	146.7





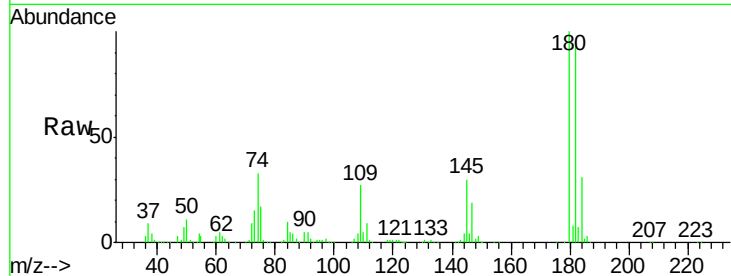
#93
 1,2,4-Trichlorobenzene
 Concen: 54.672 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

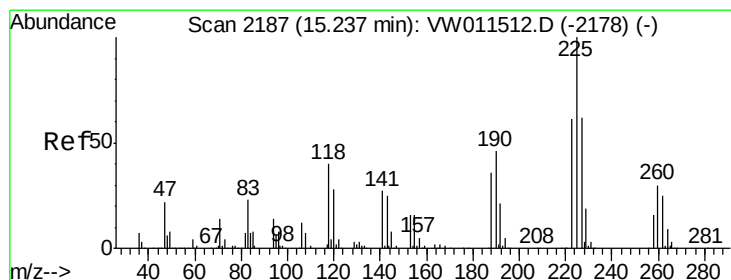
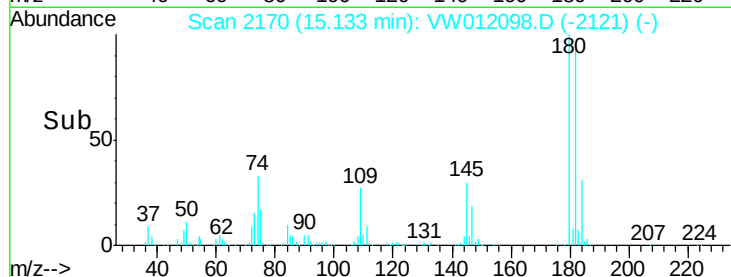
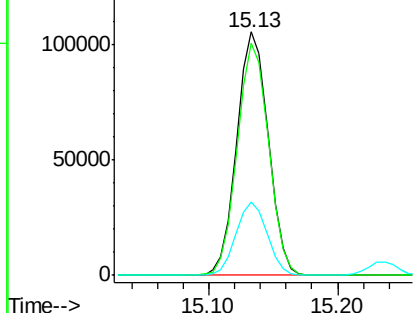
Tot Ion	Ratio	Resp	Lower	Upper
180	100	178785		
182	95.0	47.4	142.2	
145	29.9	15.4	46.1	

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MMDadoda
 8/23/2019 10:54:47 AM

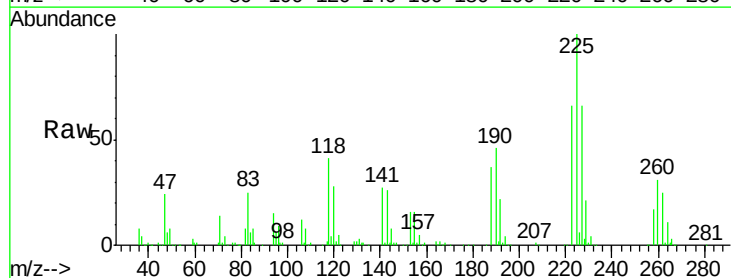


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

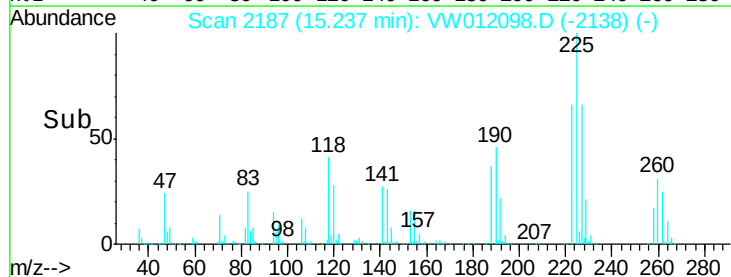
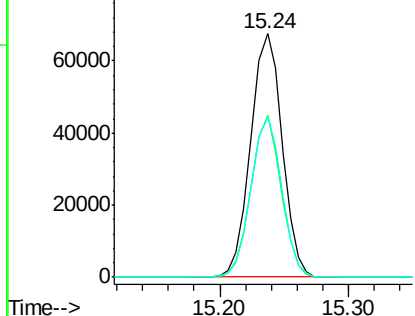


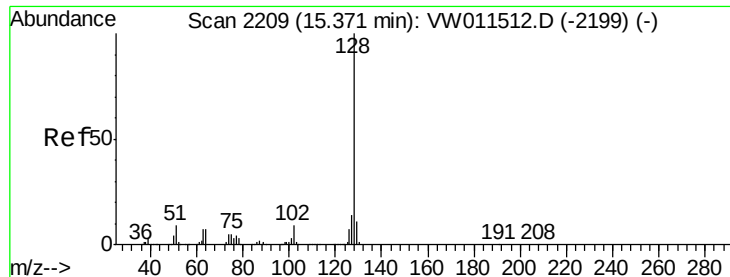
#94
 Hexachlorobutadiene
 Concen: 55.777 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012098.D
 Acq: 22 Aug 2019 09:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	113746		
223	63.6	30.8	92.3	
227	64.0	31.6	94.7	



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





#95

Naphthalene

Concen: 50.624 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Instrument :

MSVOA_W

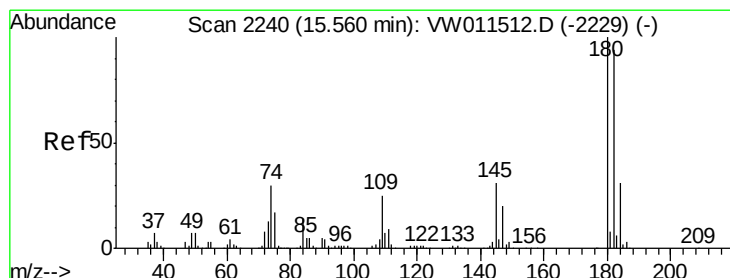
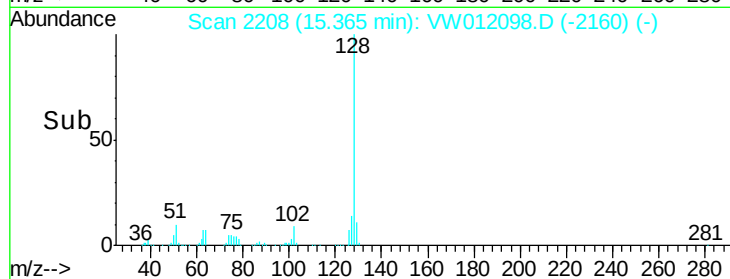
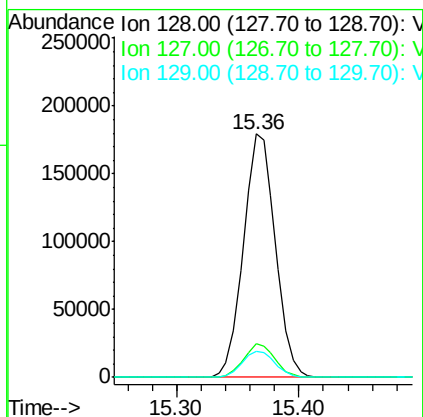
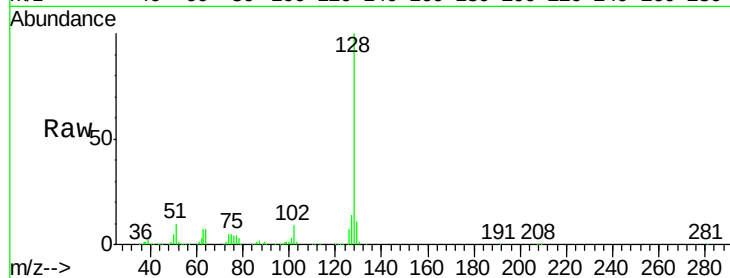
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	324456
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	16.0
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
8/23/2019 10:54:47 AM



#96

1,2,3-Trichlorobenzene

Concen: 54.138 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW012098.D

Acq: 22 Aug 2019 09:31

Tgt Ion:	180	Resp:	155183
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.4	142.2
145	31.6	15.9	47.7

