

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012127.D
 Acq On : 23 Aug 2019 11:03
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:39:06 AM

Quant Time: Aug 26 07:15:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:02:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255249	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	409382	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170983	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	153195	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
35) Dibromofluoromethane	7.88	113	122374	50.08	ug/l	0.00
Spiked Amount			Recovery	=	100.16%	
50) Toluene-d8	10.32	98	504168	50.88	ug/l	0.00
Spiked Amount			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.62	95	173949	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	86465	55.015	ug/l	100
3) Chloromethane	2.21	50	126144	51.805	ug/l	100
4) Vinyl Chloride	2.36	62	159254	53.436	ug/l	100
5) Bromomethane	2.77	94	82482	54.647	ug/l	100
6) Chloroethane	2.92	64	91085	54.177	ug/l	100
7) Trichlorofluoromethane	3.26	101	80796	53.990	ug/l	100
8) Diethyl Ether	3.68	74	75925	53.451	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	136245	53.561	ug/l	100
10) Methyl Iodide	4.27	142	186751	54.261	ug/l	100
11) Tert butyl alcohol	5.18	59	48268	261.136	ug/l	100
12) 1,1-Dichloroethene	4.04	96	137345	53.645	ug/l	100
13) Acrolein	3.89	56	41181	239.582	ug/l	100
14) Allyl chloride	4.67	41	295708	54.026	ug/l	100
15) Acrylonitrile	5.37	53	184728	262.374	ug/l	100
16) Acetone	4.12	43	227167	292.882	ug/l	100
17) Carbon Disulfide	4.39	76	432026	55.834	ug/l	100
18) Methyl Acetate	4.67	43	98590	51.320	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	221603	53.523	ug/l	100
20) Methylene Chloride	4.92	84	147953	50.458	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	147531	53.736	ug/l	100
22) Diisopropyl ether	6.31	45	541117	53.335	ug/l	100
23) Vinyl Acetate	6.25	43	1723898	276.099	ug/l	100
24) 1,1-Dichloroethane	6.21	63	292388	52.929	ug/l	100
25) 2-Butanone	7.17	43	293014	278.005	ug/l	100
26) 2,2-Dichloropropane	7.17	77	162685	52.031	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	157654	53.746	ug/l	100
28) Bromochloromethane	7.51	49	115057	47.788	ug/l	100
29) Tetrahydrofuran	7.53	42	172895	273.417	ug/l	100
30) Chloroform	7.68	83	263646	52.166	ug/l	100
31) Cyclohexane	7.96	56	280792	51.377	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	210314	52.604	ug/l	100
36) 1,1-Dichloropropene	8.08	75	223936	52.934	ug/l	100
37) Ethyl Acetate	7.25	43	122521	52.851	ug/l	100
38) Carbon Tetrachloride	8.07	117	193689	52.898	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	257799	54.244	ug/l	100
40) Benzene	8.32	78	609771	52.786	ug/l	100
41) Methacrylonitrile	7.48	41	71996	52.841	ug/l	100
42) 1,2-Dichloroethane	8.40	62	190356	52.579	ug/l	100
43) Isopropyl Acetate	8.42	43	228021	53.101	ug/l	100
44) Trichloroethene	9.09	130	147371	52.479	ug/l	100
45) 1,2-Dichloropropane	9.37	63	163200	52.494	ug/l	100
46) Dibromomethane	9.46	93	72353	52.307	ug/l	100
47) Bromodichloromethane	9.65	83	196204	53.296	ug/l	100
48) Methyl methacrylate	9.44	41	111817	54.711	ug/l	100
49) 1,4-Dioxane	9.45	88	22368	1056.299	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	583704	267.249	ug/l	100
52) Toluene	10.39	92	369437	53.236	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	204928	54.648	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	244337	53.963	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	101886	52.060	ug/l	100
56) Ethyl methacrylate	10.65	69	155402	54.558	ug/l	100
57) 1,3-Dichloropropane	10.93	76	195085	52.748	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	361121	247.029	ug/l	100
59) 2-Hexanone	10.97	43	432509	279.868	ug/l	100
60) Dibromochloromethane	11.13	129	117658	53.975	ug/l	100
61) 1,2-Dibromoethane	11.24	107	97155	53.286	ug/l	100
64) Tetrachloroethene	10.86	164	122777	53.538	ug/l	100
65) Chlorobenzene	11.66	112	365769	52.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	129884	53.454	ug/l	100
67) Ethyl Benzene	11.73	91	710661	52.967	ug/l	100
68) m/p-Xylenes	11.84	106	515069	106.574	ug/l	100
69) o-Xylene	12.16	106	240586	53.785	ug/l	100
70) Styrene	12.18	104	420230	54.276	ug/l	100
71) Bromoform	12.35	173	64051	52.908	ug/l	100
73) Isopropylbenzene	12.46	105	677819	52.905	ug/l	100
74) N-amyl acetate	12.27	43	209881	54.221	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	121793	51.853	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	85796m	52.076	ug/l	
77) Bromobenzene	12.75	156	143688	51.840	ug/l	100
78) n-propylbenzene	12.80	91	829999	53.066	ug/l	100
79) 2-Chlorotoluene	12.89	91	465058	52.371	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	568089	53.064	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	41029	54.020	ug/l	100
82) 4-Chlorotoluene	12.99	91	486115	52.282	ug/l	100
83) tert-Butylbenzene	13.21	119	478572	52.772	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	566688	52.695	ug/l	100
85) sec-Butylbenzene	13.38	105	682599	52.538	ug/l	100
86) p-Isopropyltoluene	13.50	119	617524	53.221	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	277333	51.155	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	276878	51.435	ug/l	100
89) n-Butylbenzene	13.82	91	618627	53.614	ug/l	100
90) Hexachloroethane	14.09	117	108703	53.398	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	248751	52.303	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20081	50.713	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	176330	53.650	ug/l	100
94) Hexachlorobutadiene	15.24	225	111571	51.411	ug/l	100
95) Naphthalene	15.36	128	321487	55.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	154310	53.812	ug/l	100

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

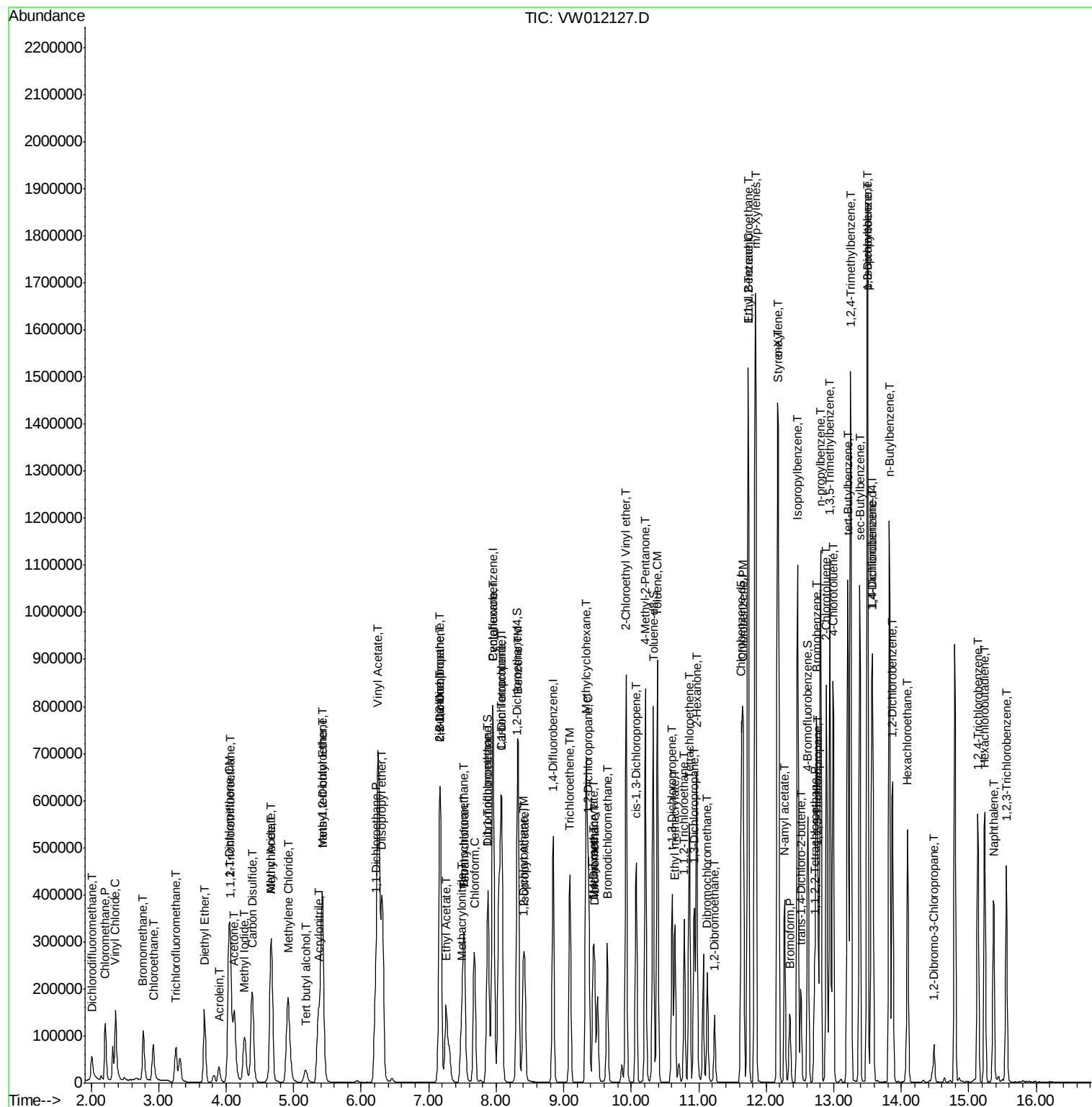
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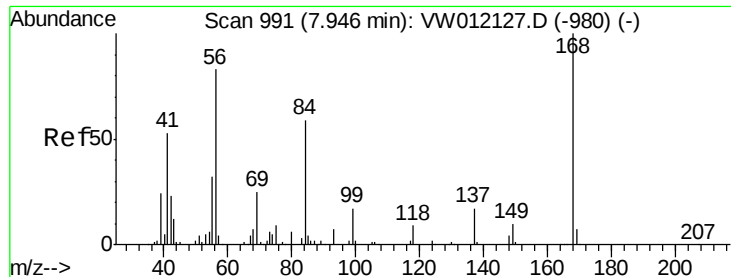
Instrument :
MSVOA_W
Client Sampled :
VSTDICCC050

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 255249

Ion Ratio Lower Upper

168 100

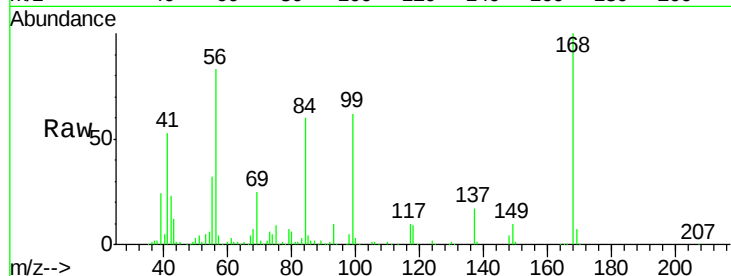
99 61.5 49.2 73.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

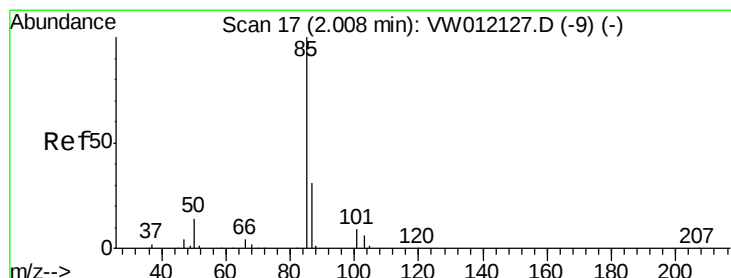
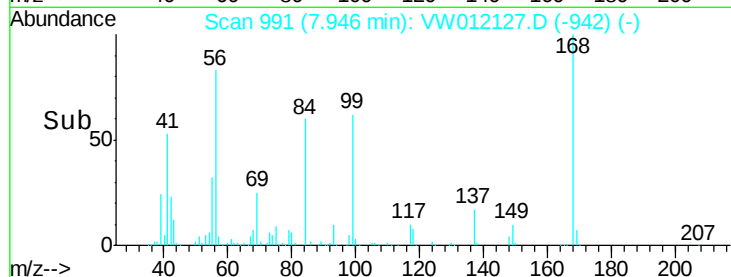
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.015 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW012127.D

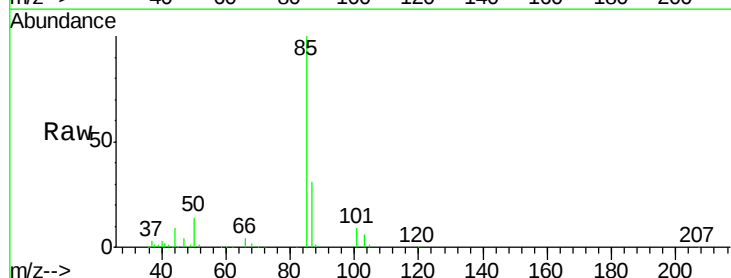
Acq: 23 Aug 2019 11:03

Tgt Ion: 85 Resp: 86465

Ion Ratio Lower Upper

85 100

87 31.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

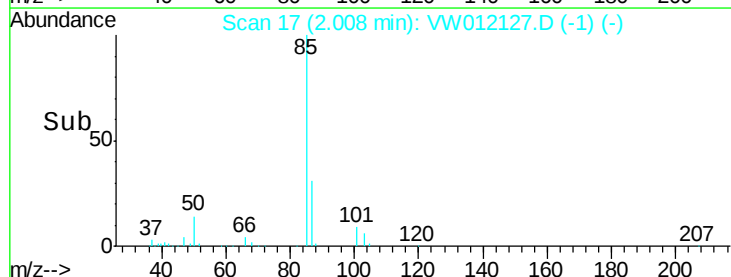
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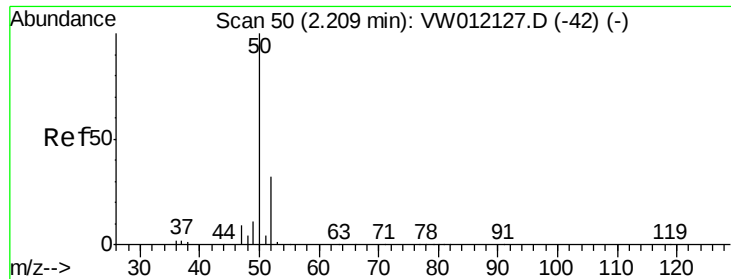
20000

10000

0

Time-->





#3

Chloromethane

Concen: 51.805 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 126144

Ion Ratio Lower Upper

50 100

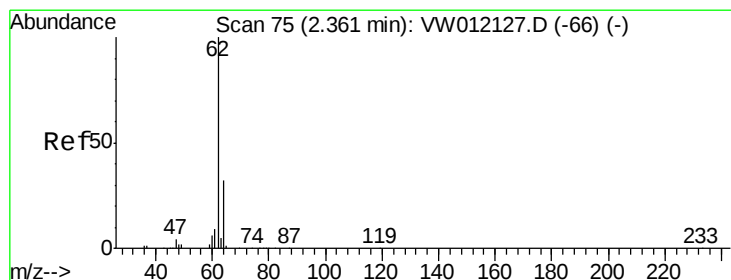
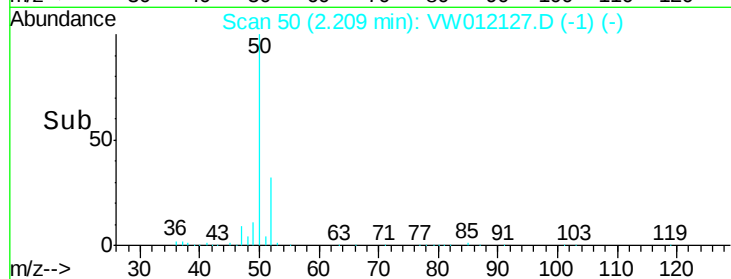
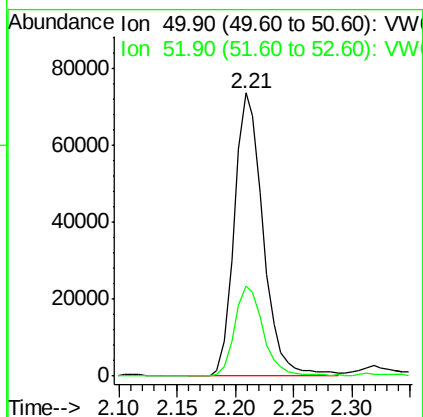
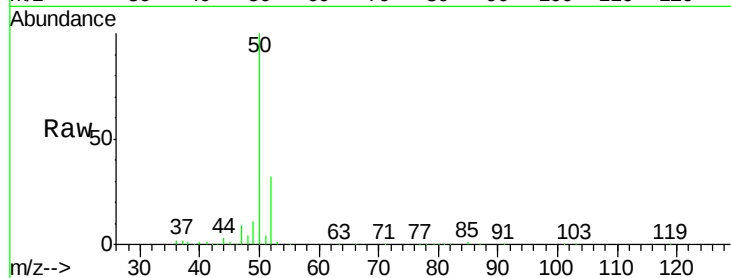
52 31.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.436 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW012127.D

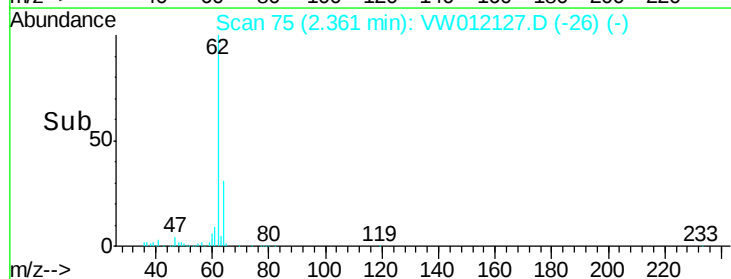
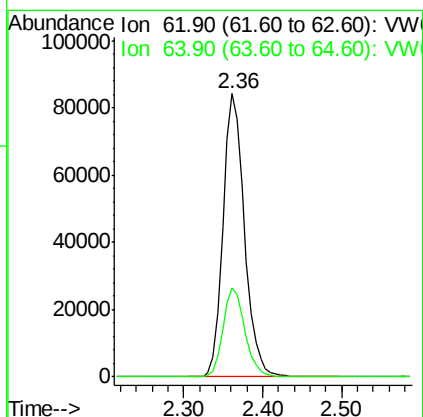
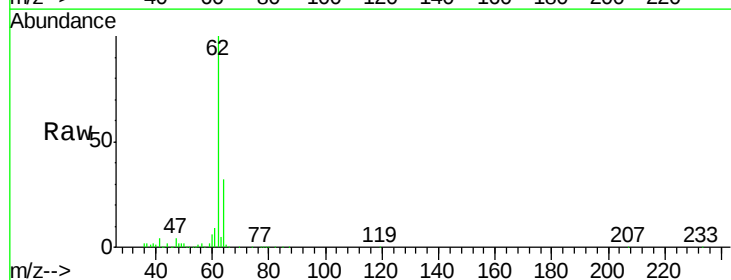
Acq: 23 Aug 2019 11:03

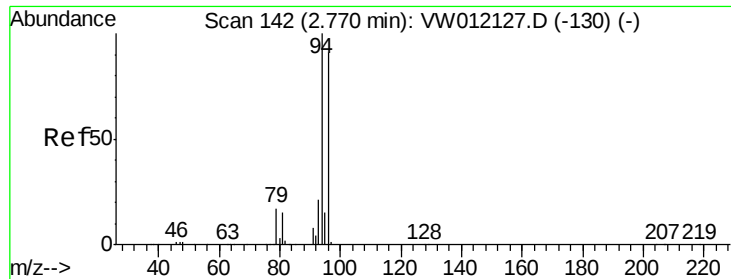
Tgt Ion: 62 Resp: 159254

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 54.647 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 82482

Ion Ratio Lower Upper

94 100

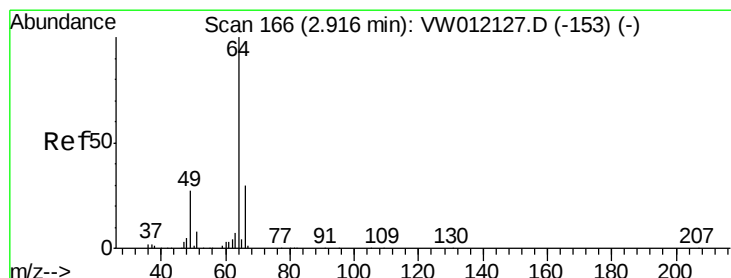
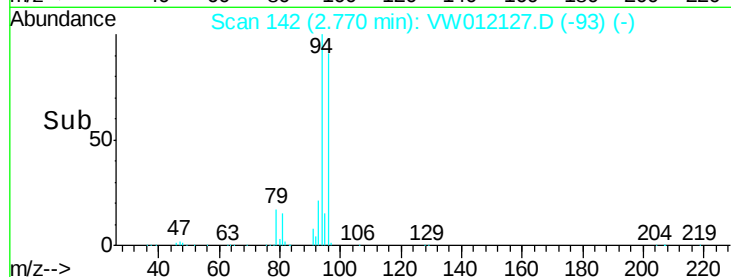
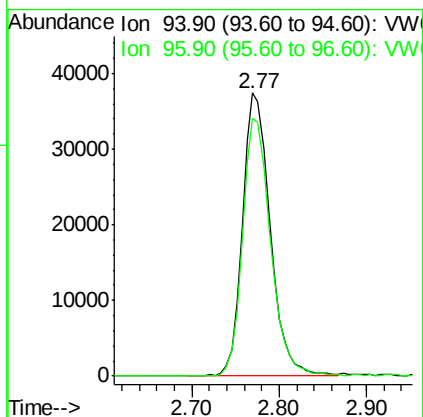
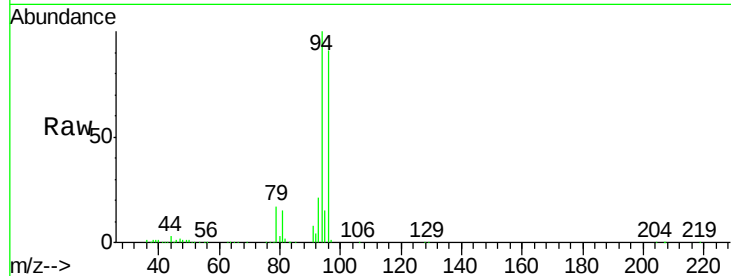
96 91.1 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 54.177 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW012127.D

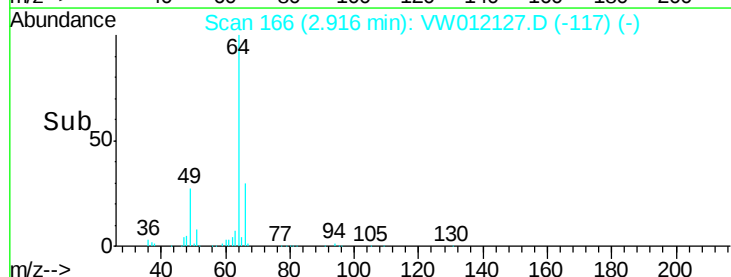
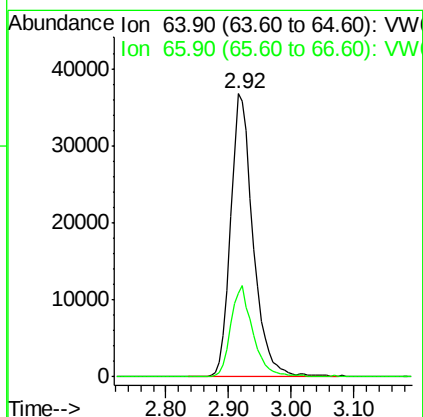
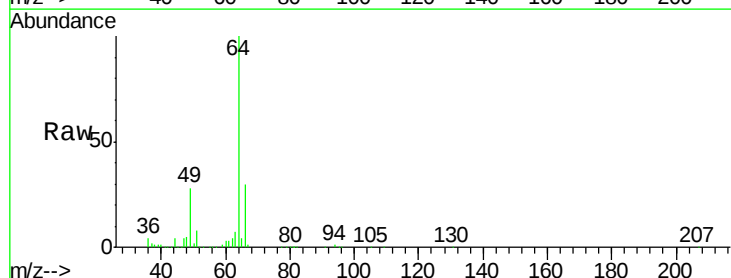
Acq: 23 Aug 2019 11:03

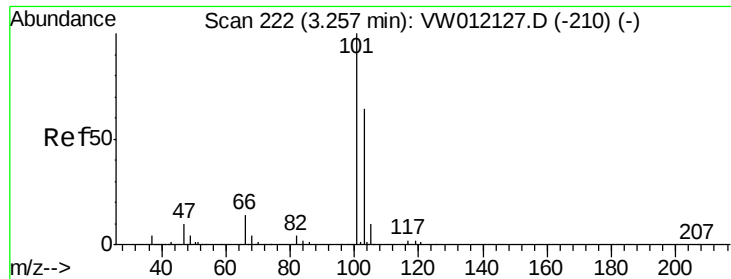
Tgt Ion: 64 Resp: 91085

Ion Ratio Lower Upper

64 100

66 29.8 23.8 35.8





#7

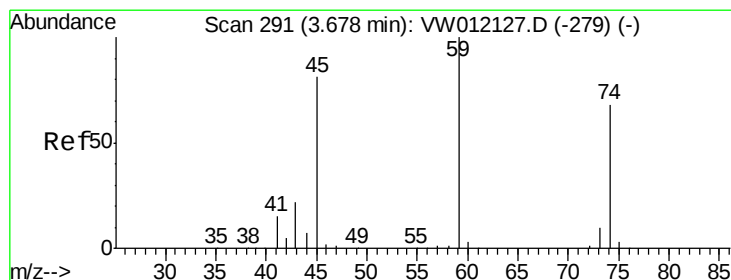
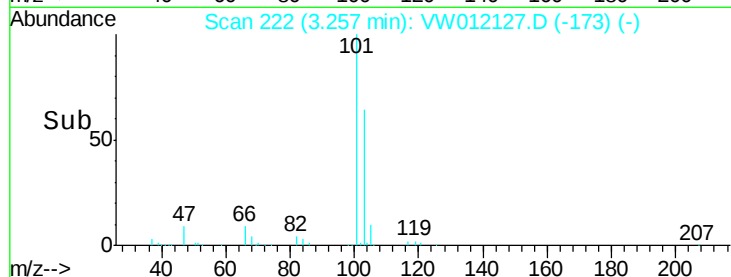
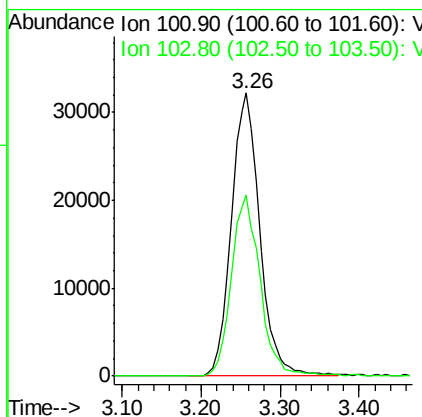
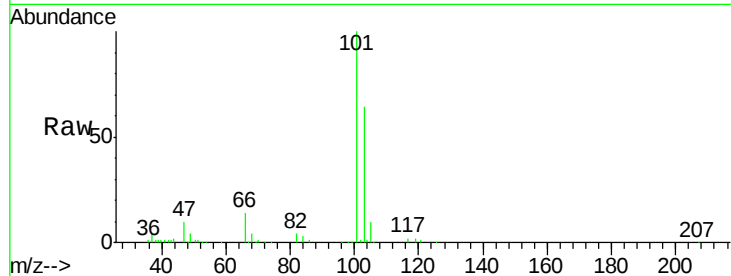
Trichlorofluoromethane
Concen: 53.990 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	80796		
103	64.0	51.2	76.8	

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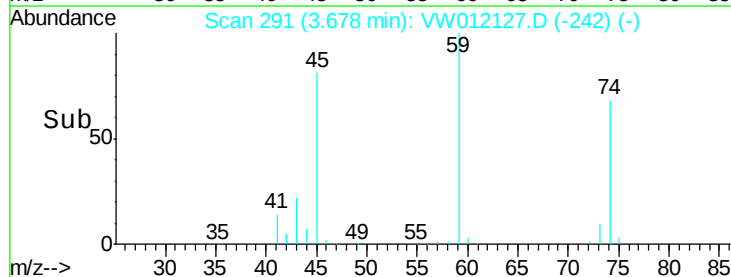
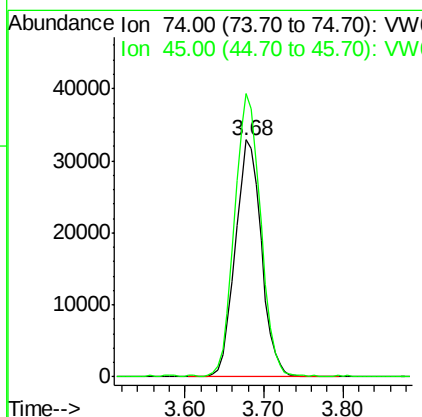
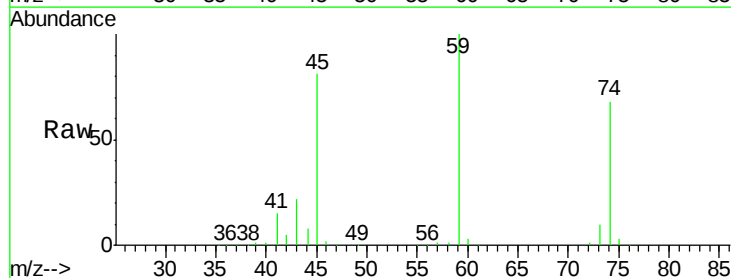
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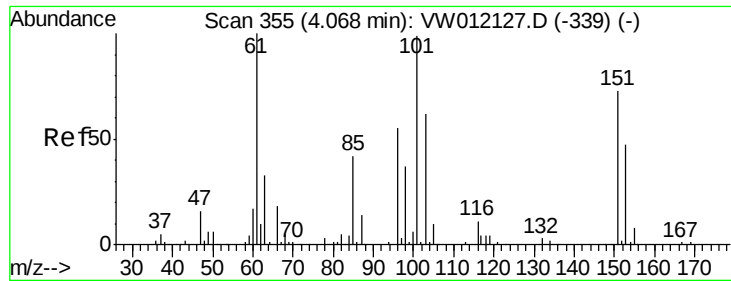


#8

Diethyl Ether
Concen: 53.451 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW012127.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	75925		
45	118.4	59.2	177.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.561 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW012127.D

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MSVOA_W

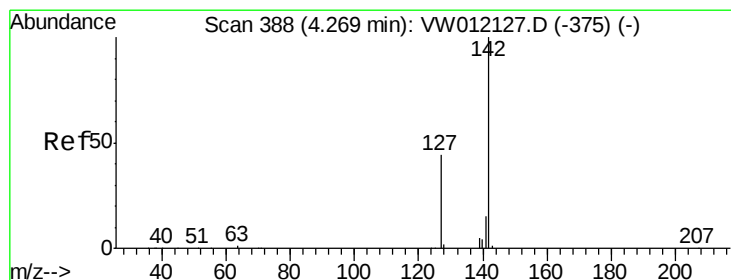
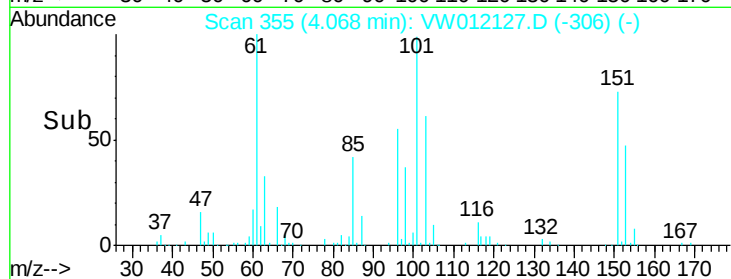
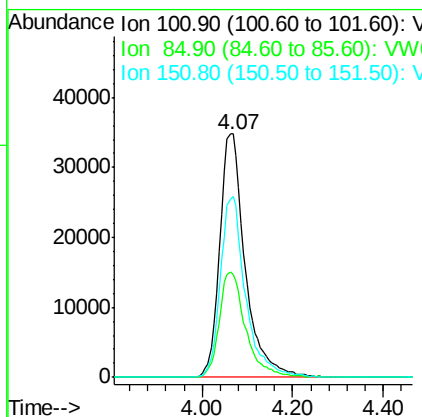
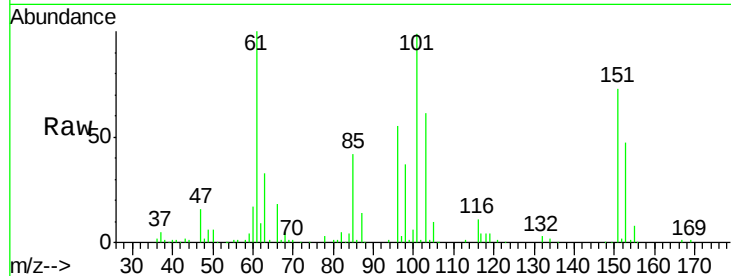
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	136245
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.8	53.6
151	73.2	58.6	87.8

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#10

Methyl Iodide

Concen: 54.261 ug/l

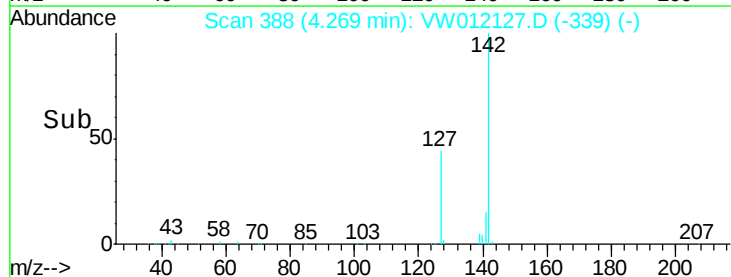
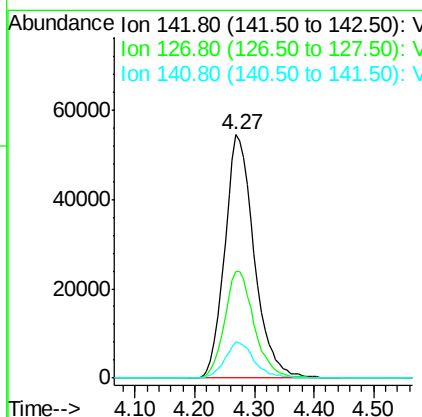
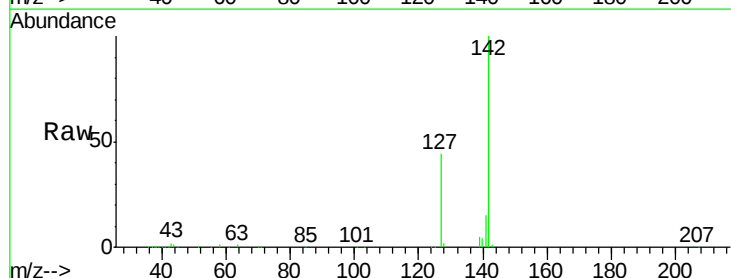
RT: 4.27 min Scan# 388

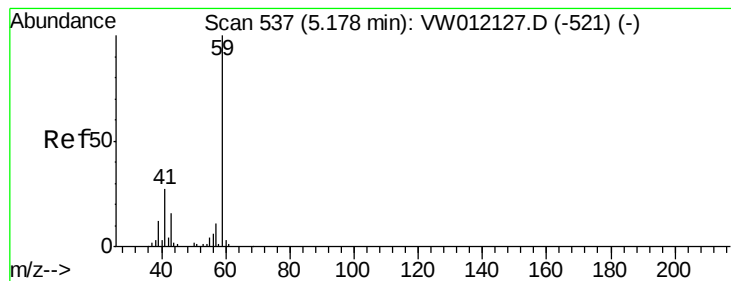
Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Tgt Ion:	142	Resp:	186751
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.5	53.3
141	14.8	11.8	17.8





#11

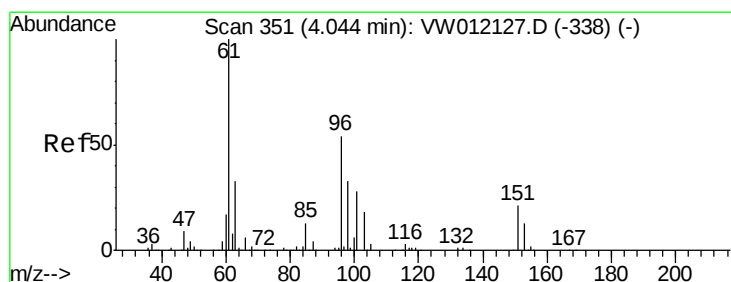
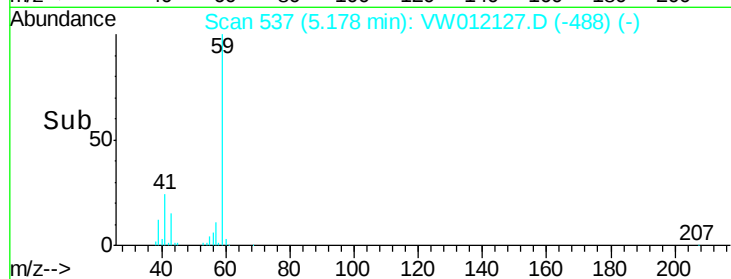
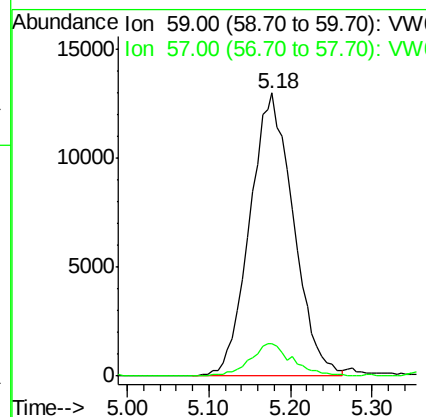
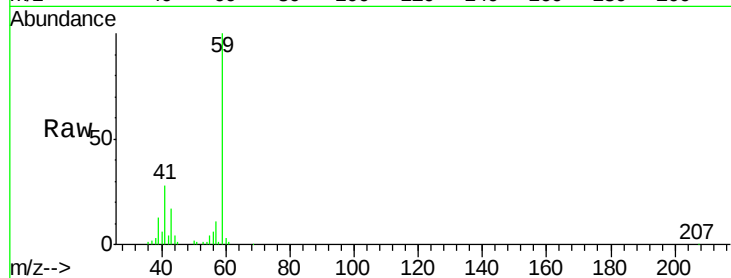
Tert butyl alcohol
 Concen: 261.136 ug/l
 RT: 5.18 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	9.0	13.4

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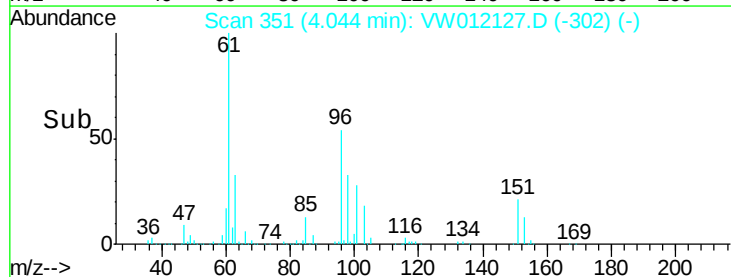
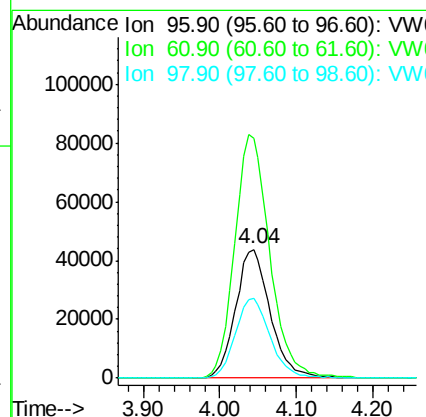
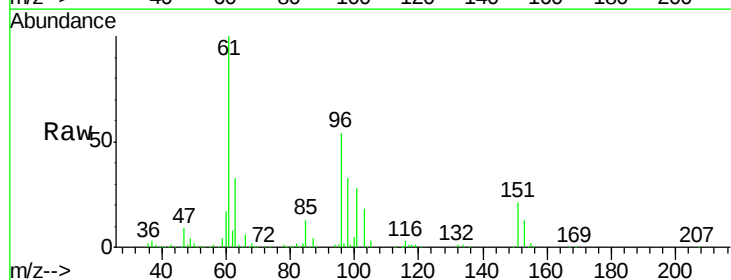
MMDadoda
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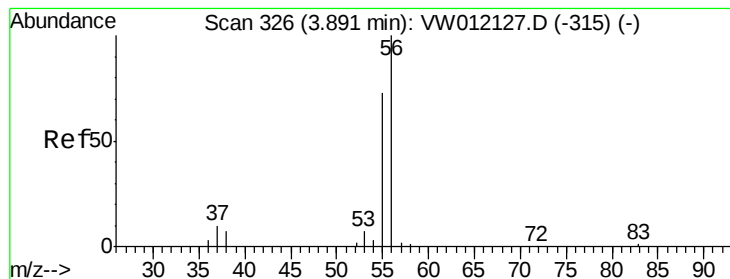


#12

1,1-Dichloroethene
 Concen: 53.645 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
96	100		
61	186.4	149.1	223.7
98	61.8	49.4	74.2





#13

Acrolein

Concen: 239.582 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 41181

Ion Ratio Lower Upper

56 100

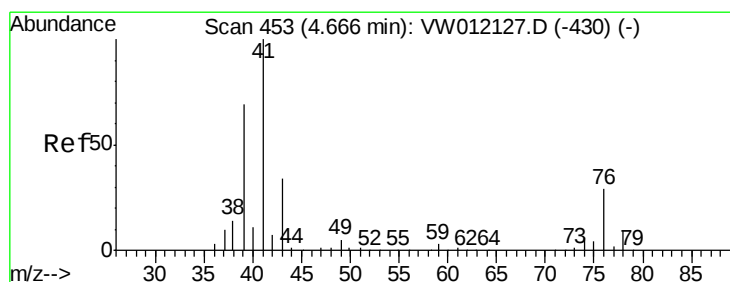
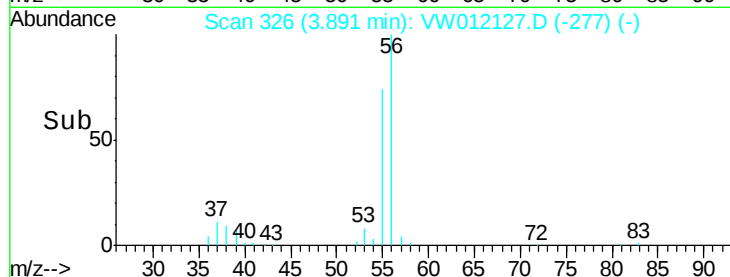
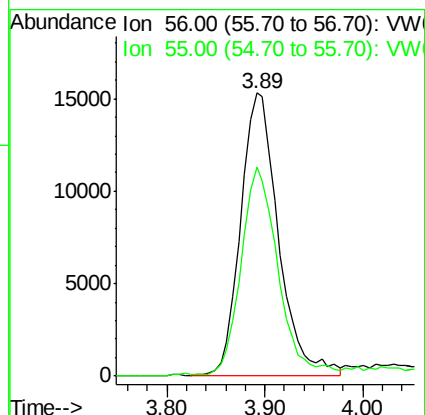
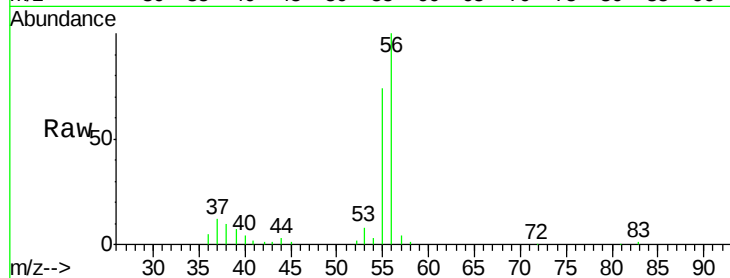
55 69.8 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 54.026 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

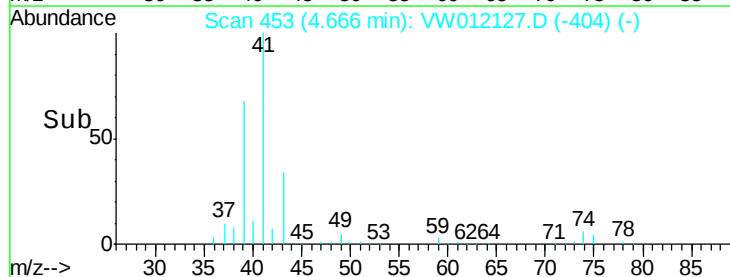
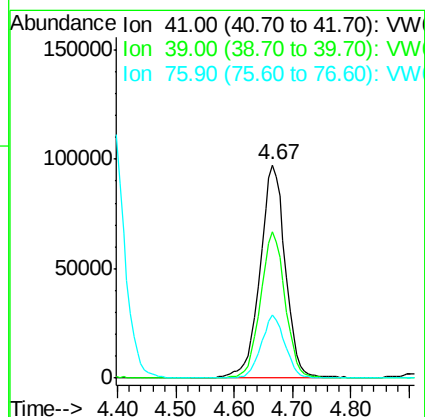
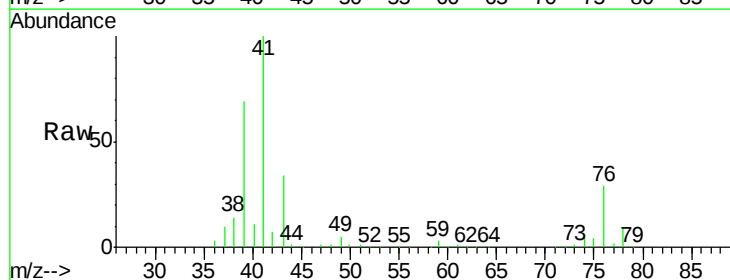
Tgt Ion: 41 Resp: 295708

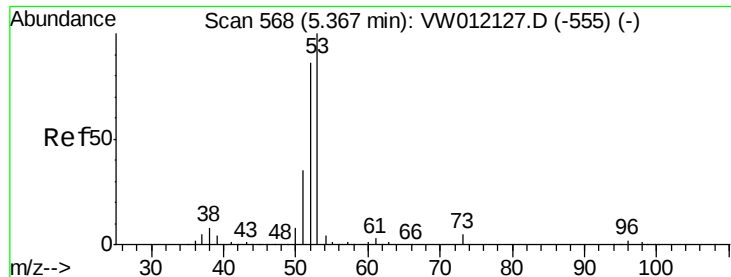
Ion Ratio Lower Upper

41 100

39 66.8 53.4 80.2

76 27.6 22.1 33.1





#15

Acrylonitrile

Concen: 262.374 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

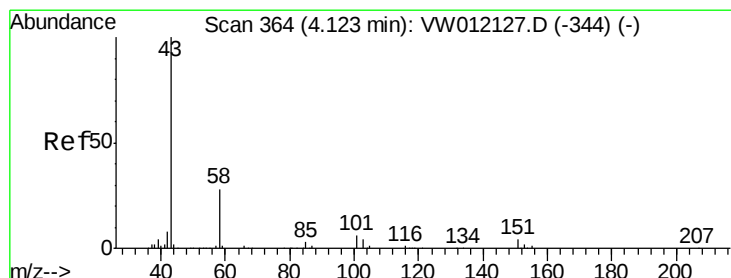
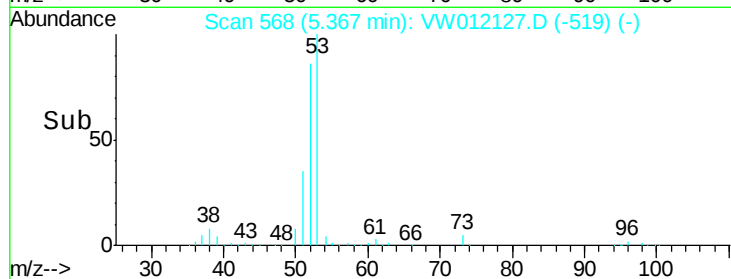
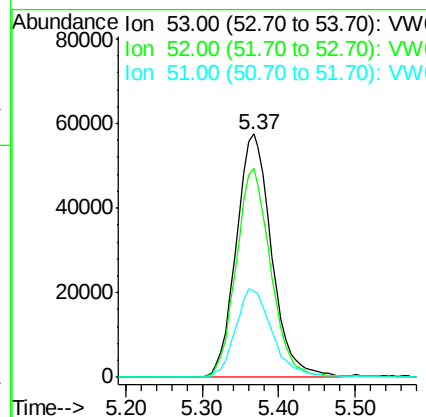
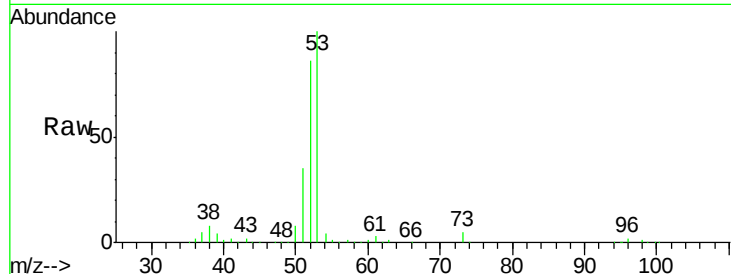
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	184728
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.7	100.1
51	37.6	30.1	45.1

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#16

Acetone

Concen: 292.882 ug/l

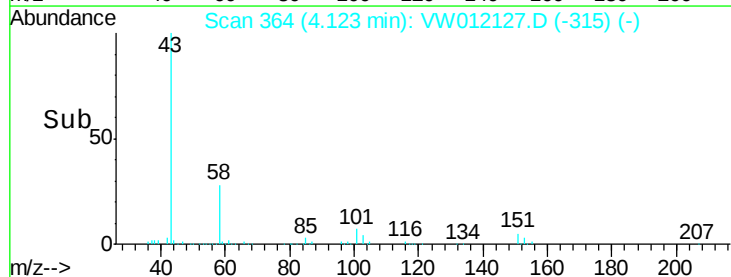
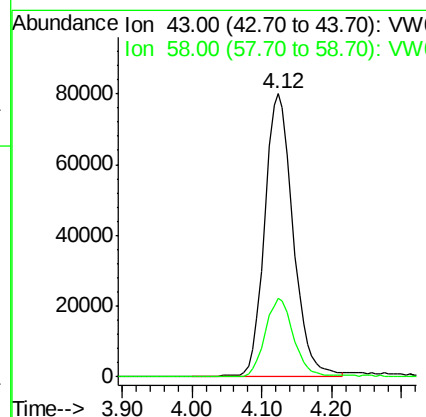
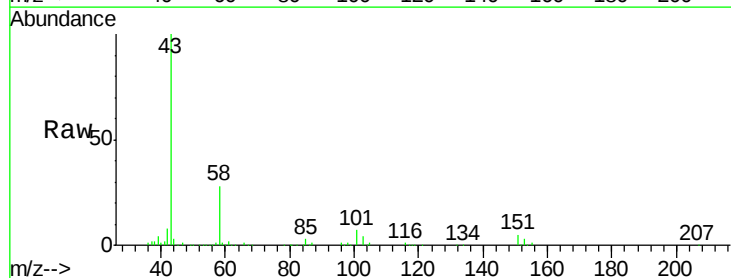
RT: 4.12 min Scan# 364

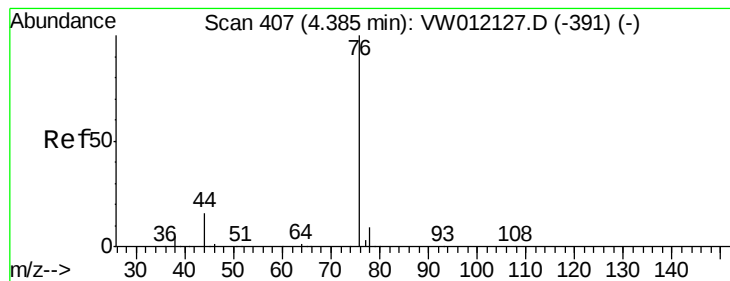
Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Tgt Ion:	43	Resp:	227167
Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.4	33.6





#17

Carbon Disulfide

Concen: 55.834 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 432026

Ion Ratio Lower Upper

76 100

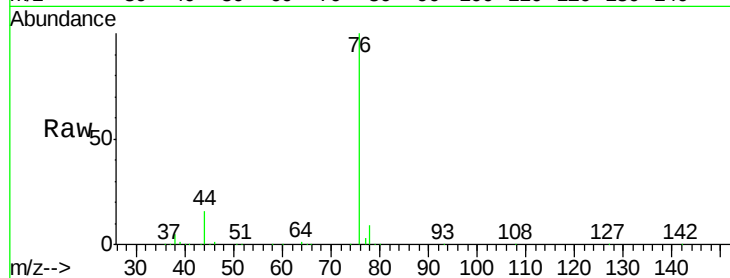
78 9.1 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

4.39

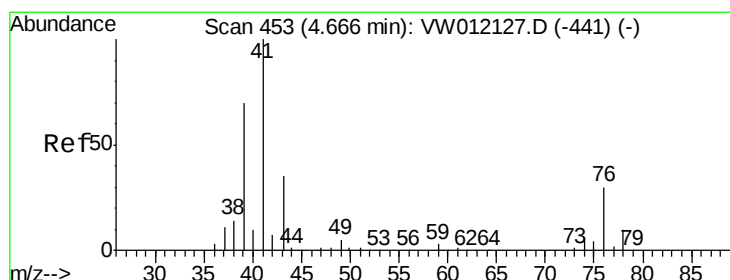
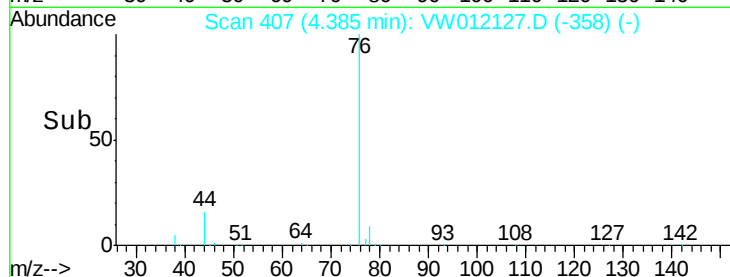
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 51.320 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW012127.D

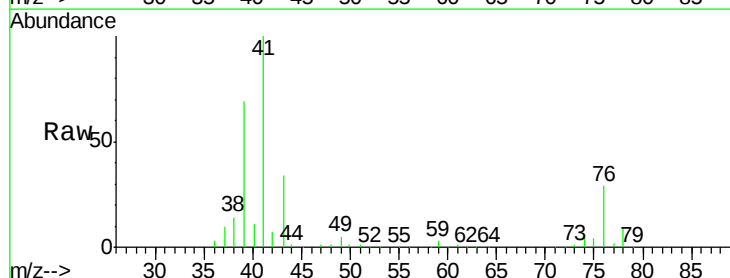
Acq: 23 Aug 2019 11:03

Tgt Ion: 43 Resp: 98590

Ion Ratio Lower Upper

43 100

74 19.6 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

4.67

40000

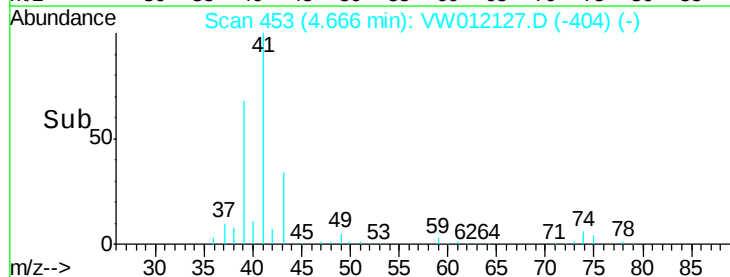
30000

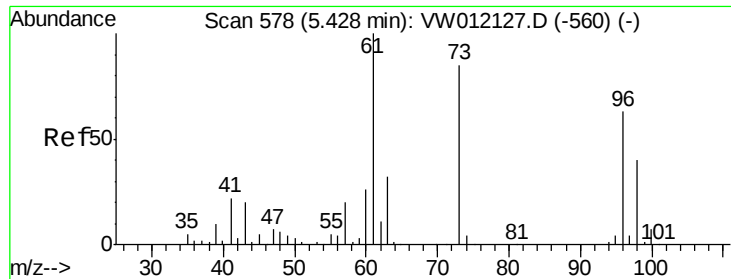
20000

10000

0

Time-->





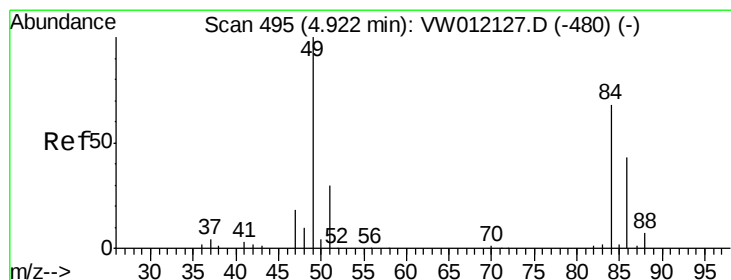
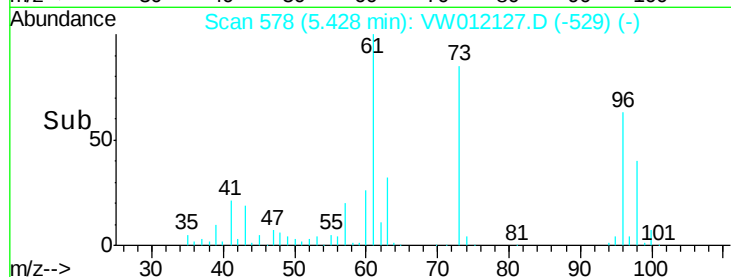
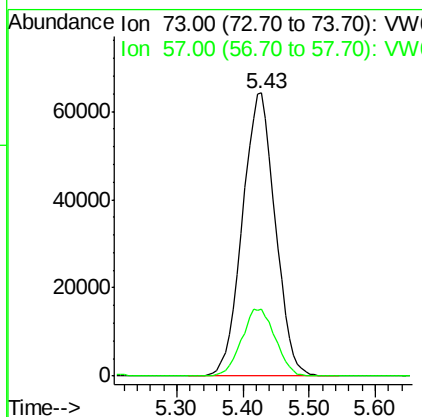
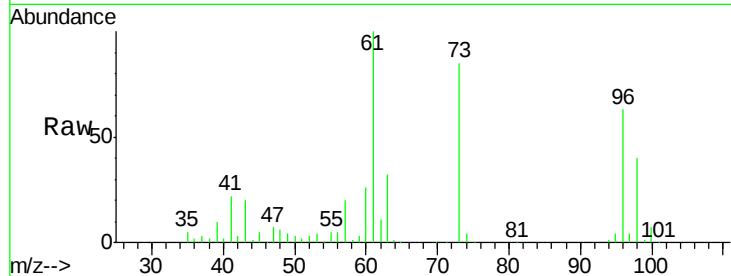
#19
Methvl tert-butvl Ether
Concen: 53.523 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 221603
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3

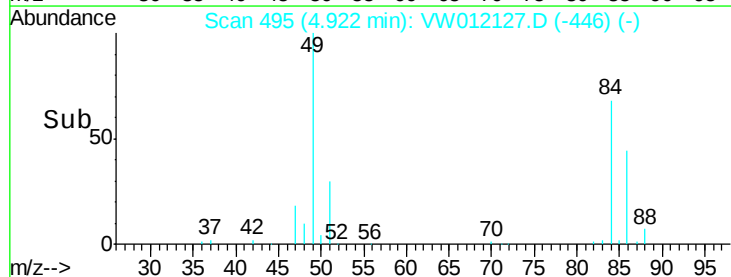
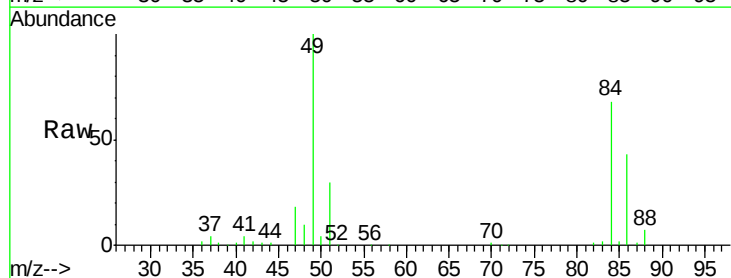
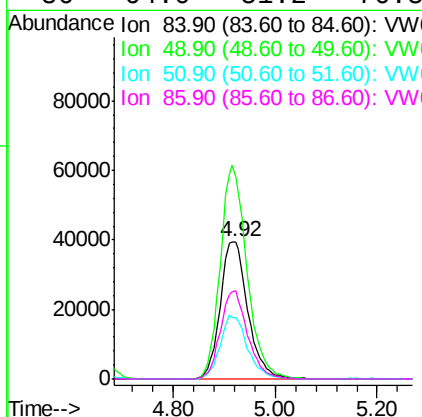
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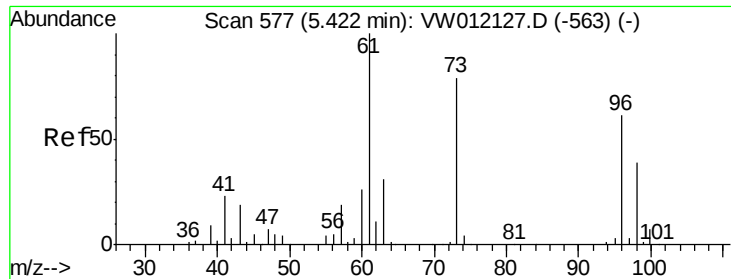
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#20
Methylene Chloride
Concen: 50.458 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion: 84 Resp: 147953
Ion Ratio Lower Upper
84 100
49 147.3 117.8 176.8
51 44.5 35.6 53.4
86 64.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 53.736 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 96 Resp: 147531

Ion Ratio Lower Upper

96 100

61 164.2 131.4 197.0

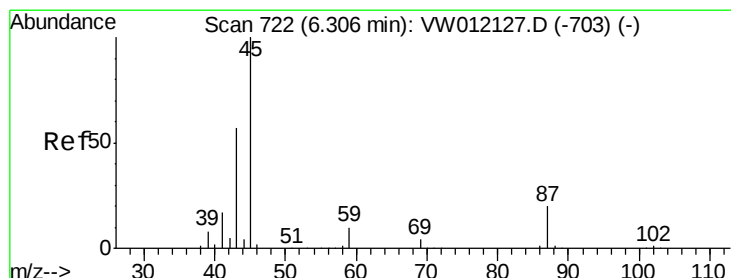
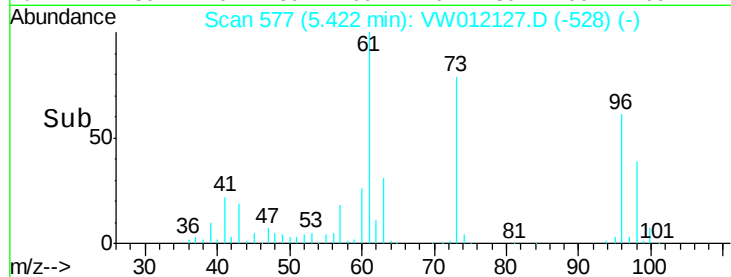
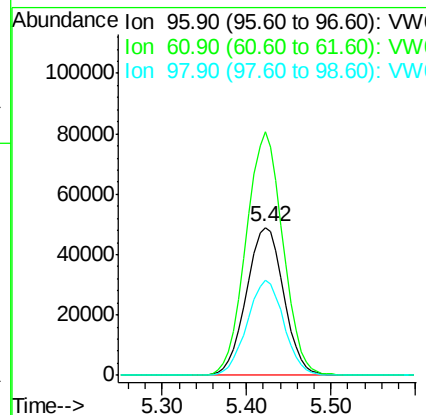
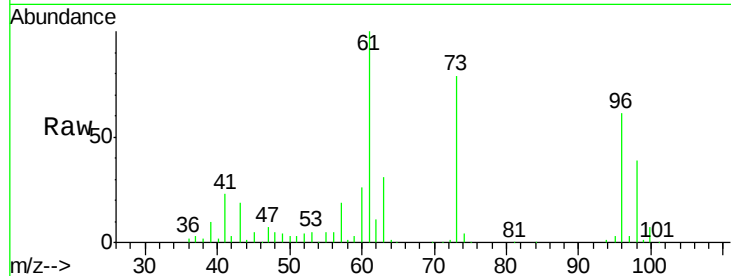
98 64.2 51.4 77.0

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#22

Diisopropyl ether

Concen: 53.335 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Tgt Ion: 45 Resp: 541117

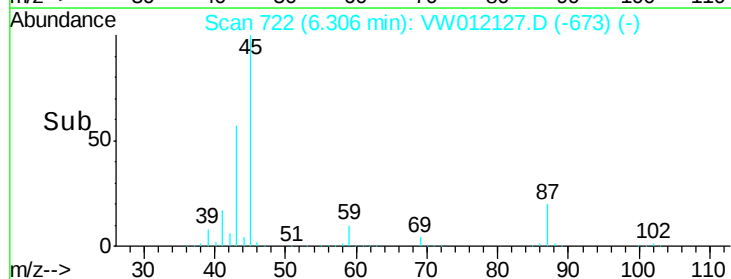
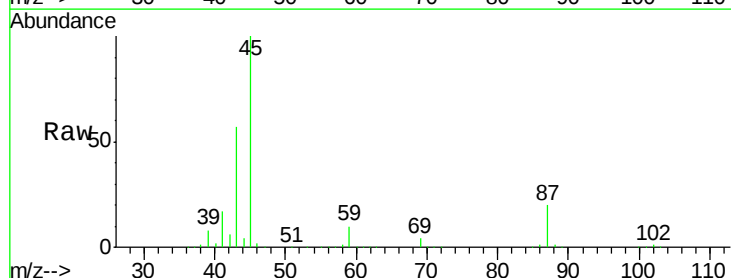
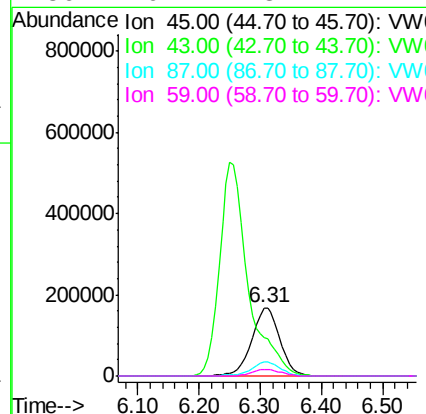
Ion Ratio Lower Upper

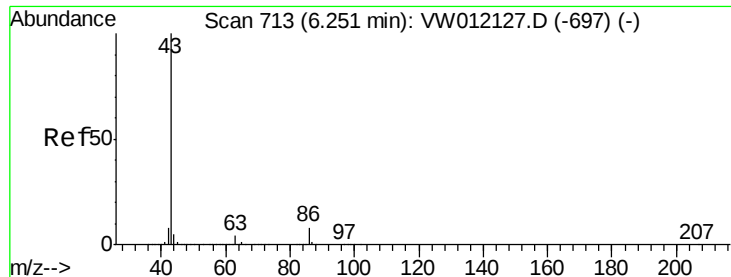
45 100

43 56.9 45.5 68.3

87 20.1 16.1 24.1

59 10.2 8.2 12.2





#23

Vinyl Acetate

Concen: 276.099 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1723898

Ion Ratio Lower Upper

43 100

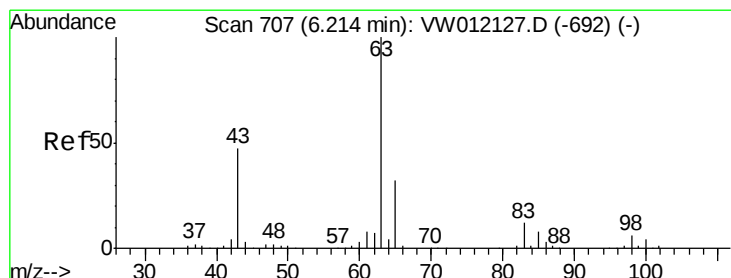
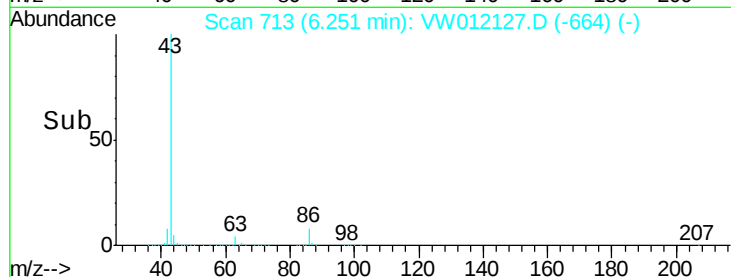
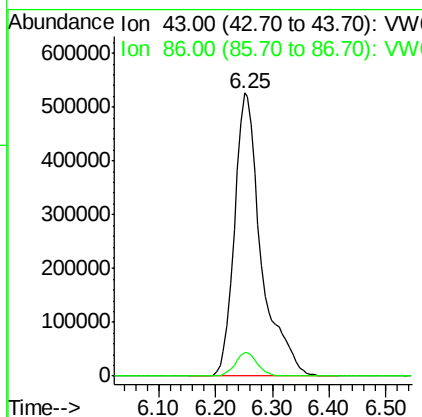
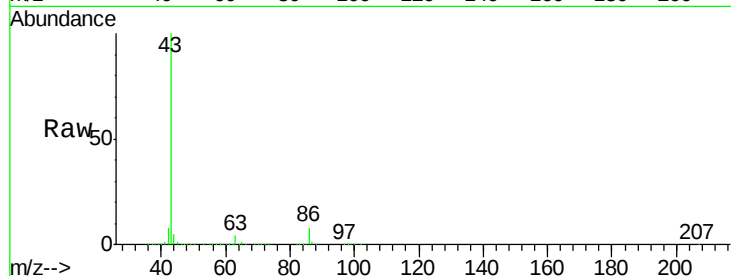
86 8.1 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.929 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

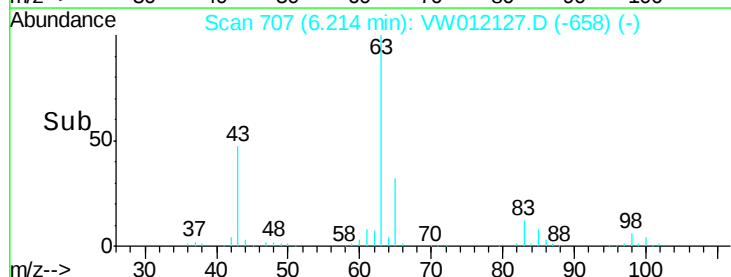
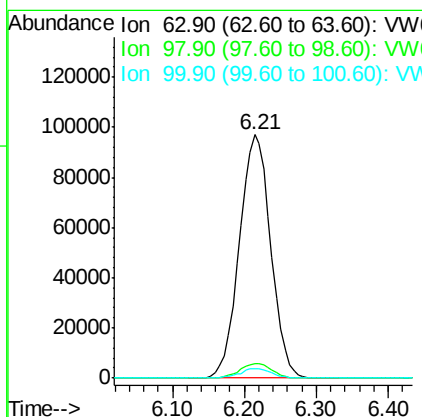
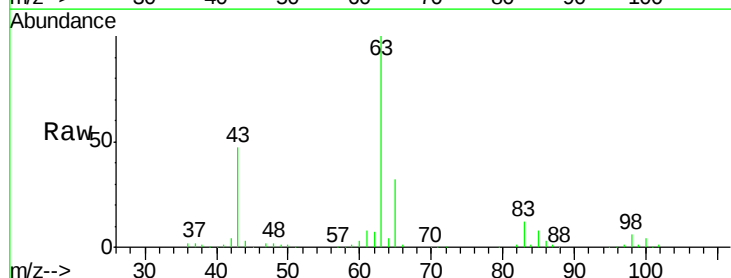
Tgt Ion: 63 Resp: 292388

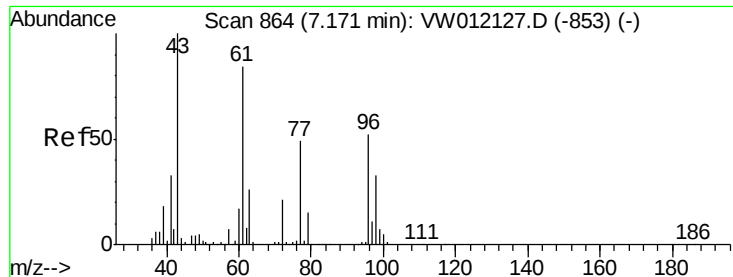
Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 278.005 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 293014

Ion Ratio Lower Upper

43 100

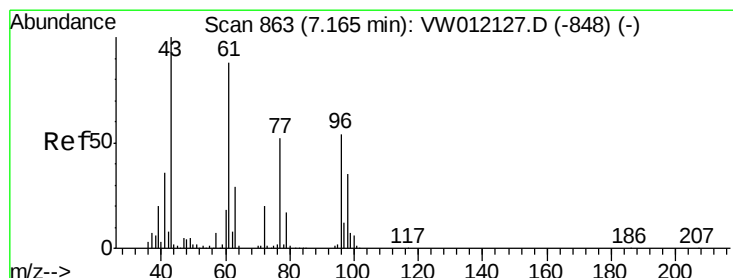
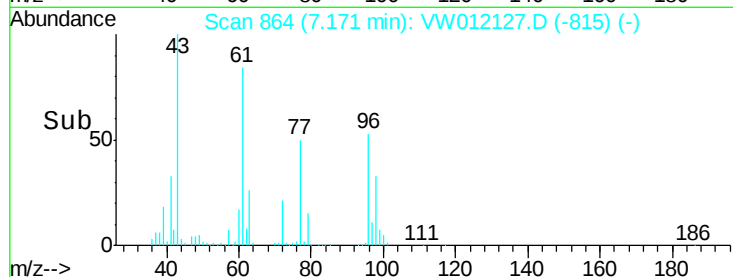
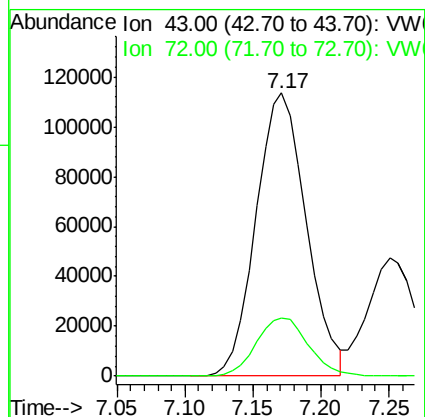
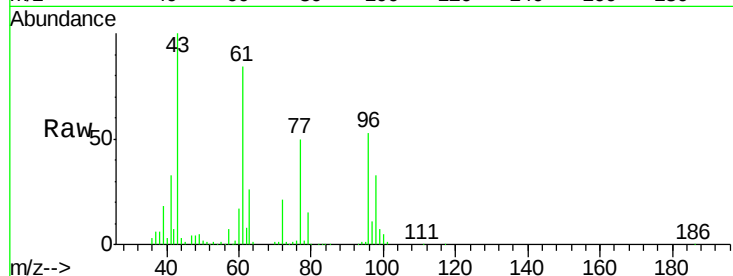
72 20.7 16.6 24.8

Manual Integrations

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MMDadoda

8/26/2019 11:39:06 AM



#26

2,2-Dichloropropane

Concen: 52.031 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW012127.D

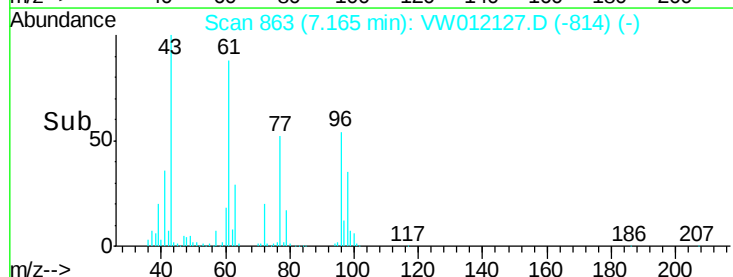
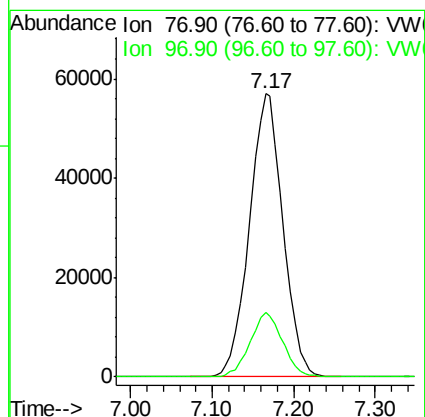
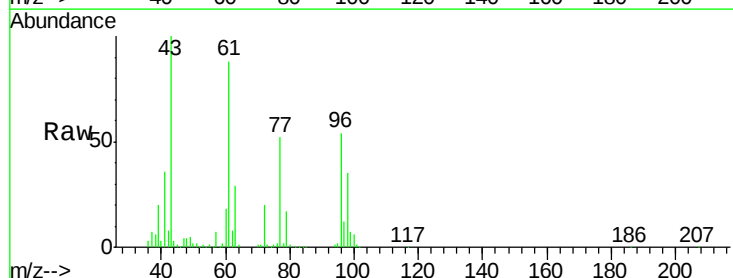
Acq: 23 Aug 2019 11:03

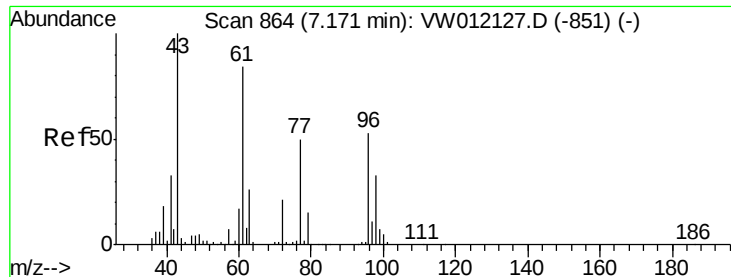
Tgt Ion: 77 Resp: 162685

Ion Ratio Lower Upper

77 100

97 22.1 11.1 33.1





#27

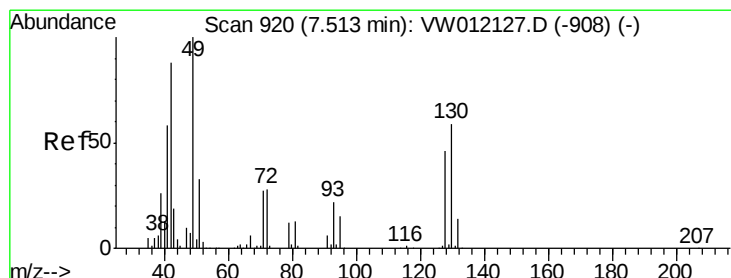
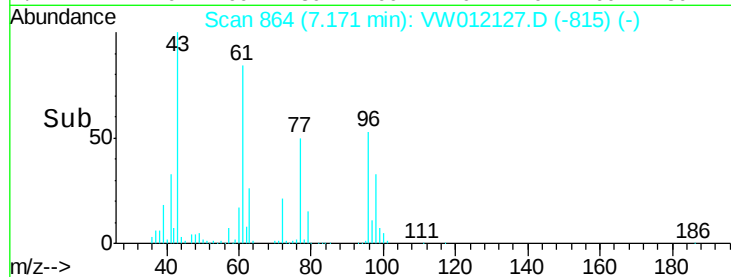
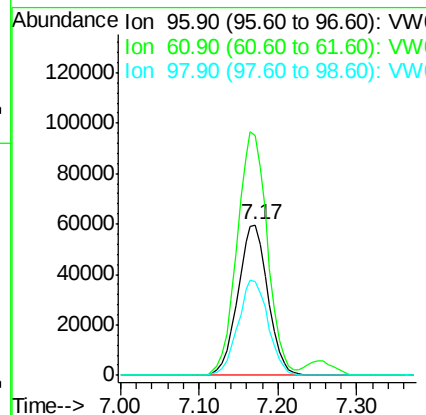
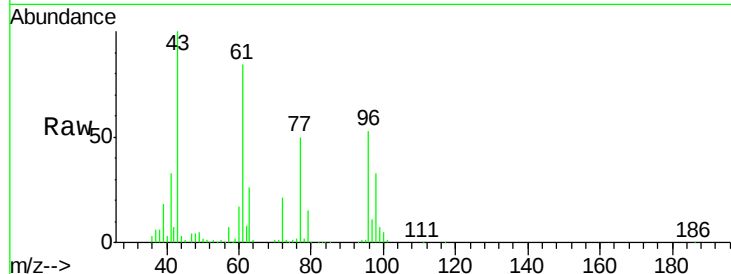
cis-1,2-Dichloroethene
 Concen: 53.746 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	157654		
61	163.3	0.0	326.6	
98	63.7	0.0	127.4	

Manual Integrations
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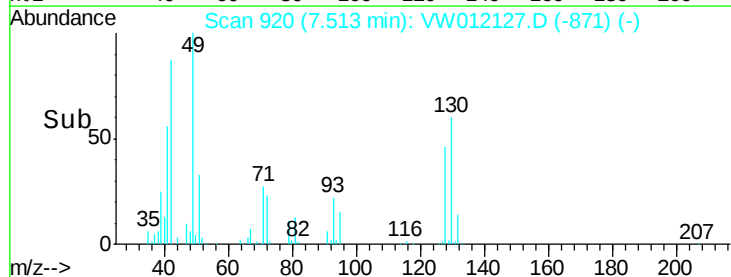
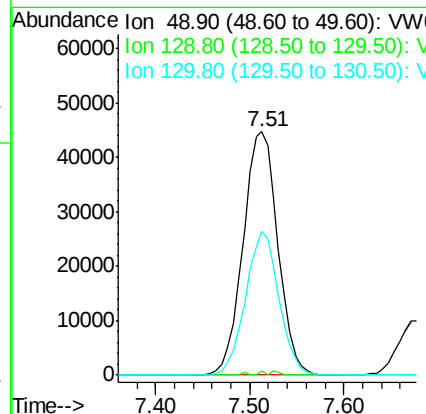
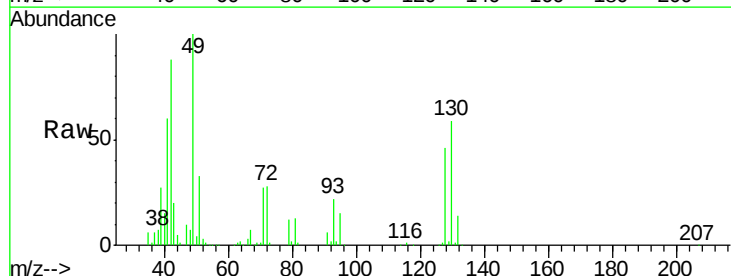
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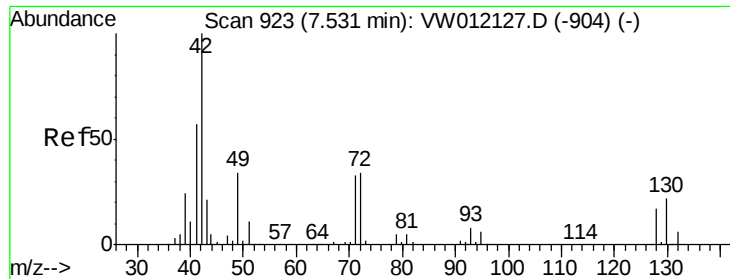


#28

Bromochloromethane
 Concen: 47.788 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115057		
129	0.7	0.0	1.4	
130	56.9	45.5	68.3	





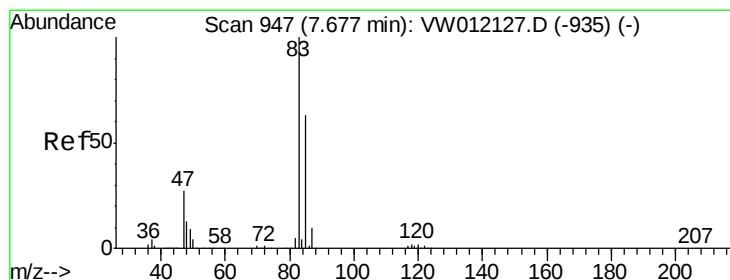
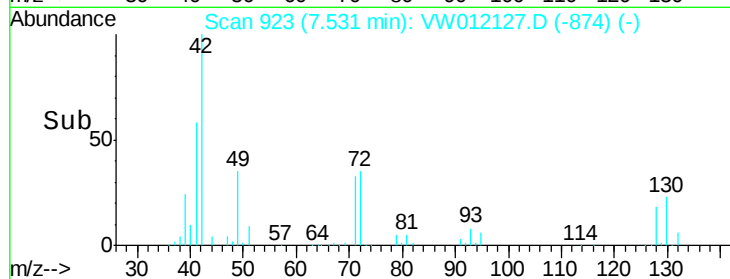
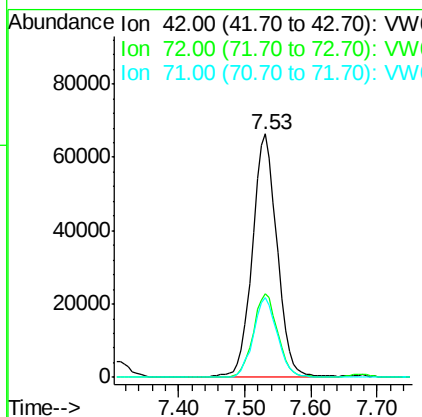
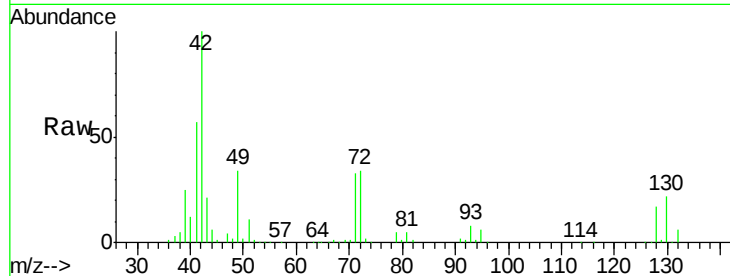
#29
Tetrahydrofuran
Concen: 273.417 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.3	40.9
71	31.9	25.5	38.3

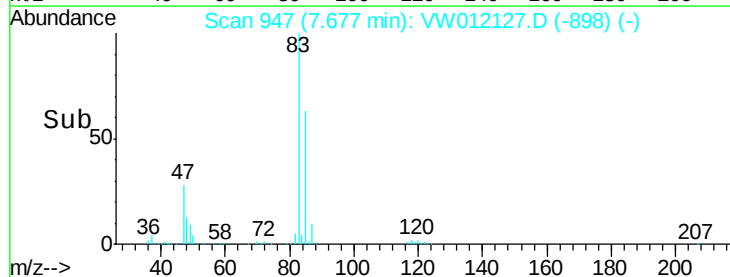
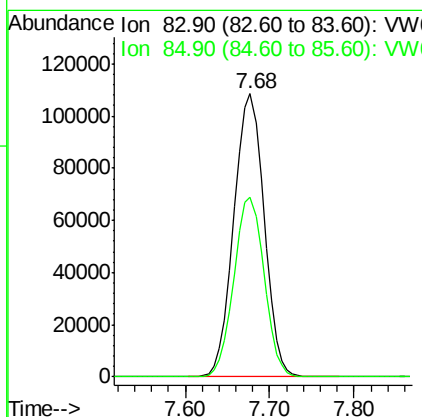
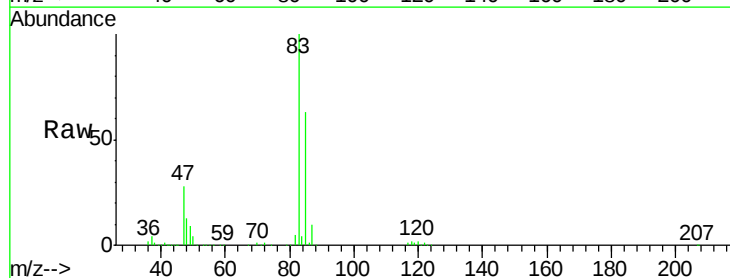
Manual Integrations
APPROVED

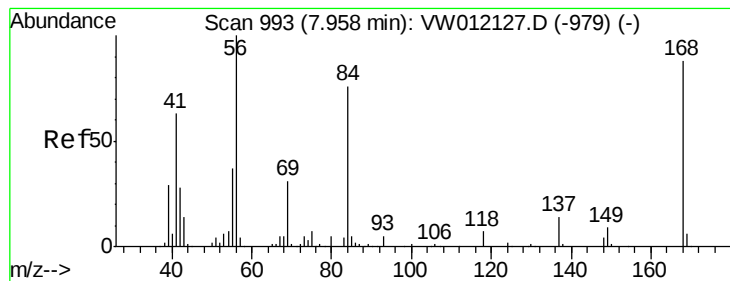
MMDadoda
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#30
Chloroform
Concen: 52.166 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0





#31

Cyclohexane

Concen: 51.377 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampled :

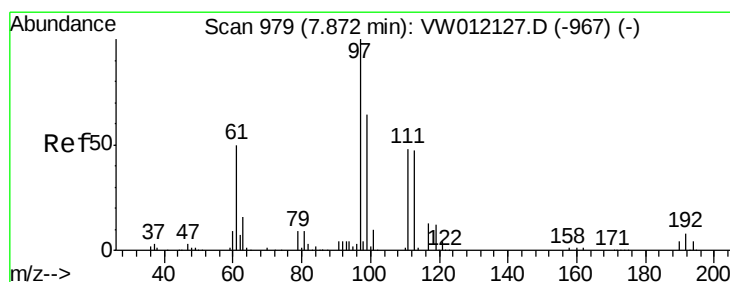
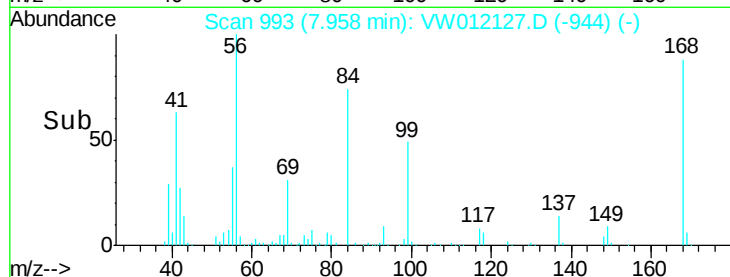
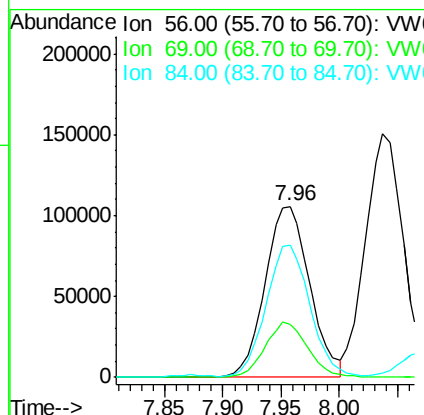
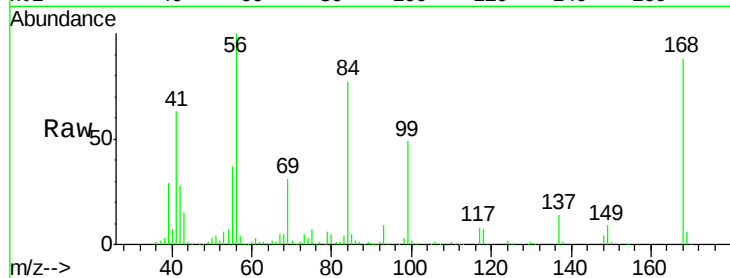
VSTDICCC050

Tot Ion: 56 Resp: 280792

Ion	Ratio	Lower	Upper
56	100		
69	31.1	24.9	37.3
84	75.7	60.6	90.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 52.604 ug/l

RT: 7.87 min Scan# 979

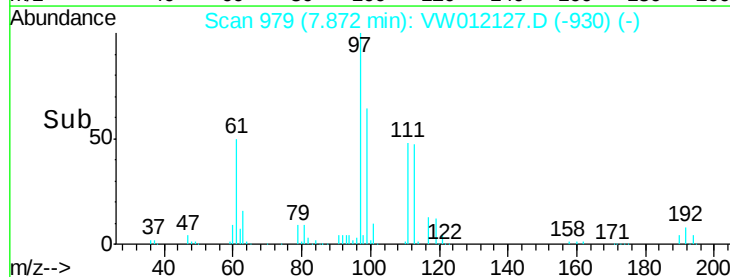
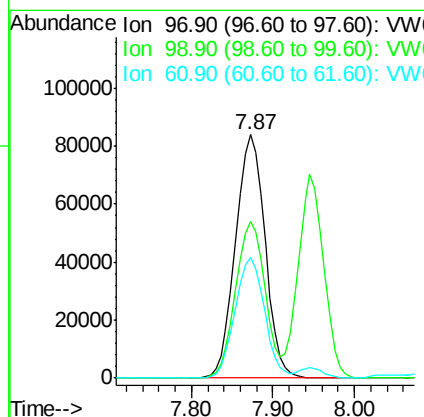
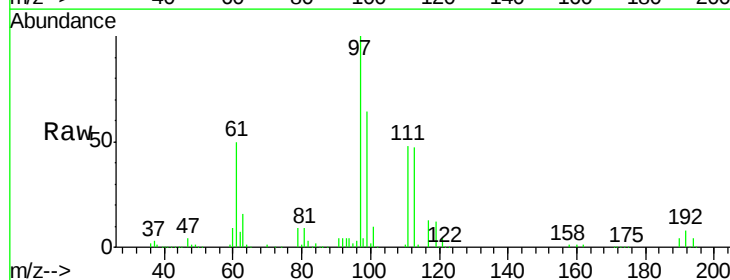
Delta R.T. 0.00 min

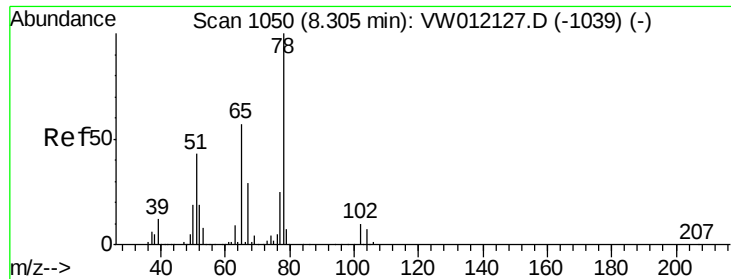
Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Tgt Ion: 97 Resp: 210314

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	49.4	39.5	59.3





#33

1,2-Dichloroethane-d4

Concen: 50.488 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 153195

Ion Ratio Lower Upper

65 100

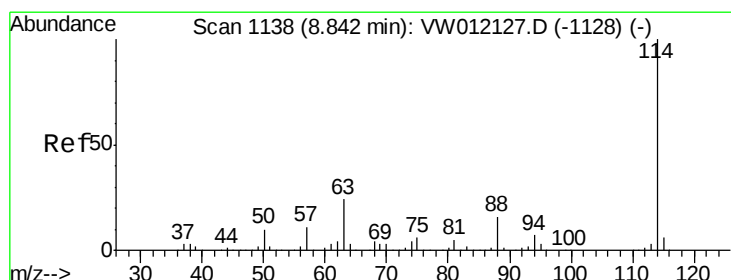
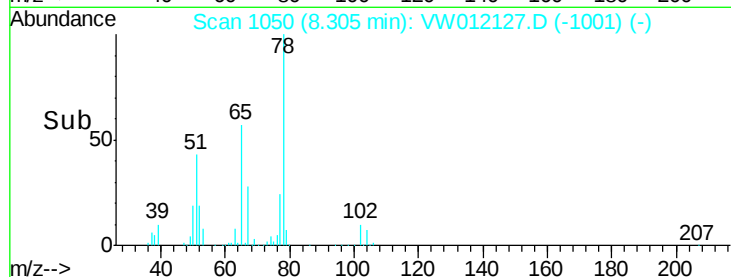
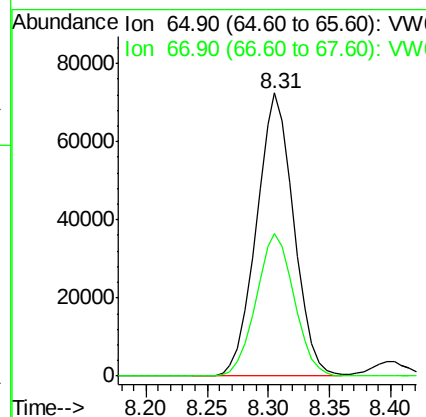
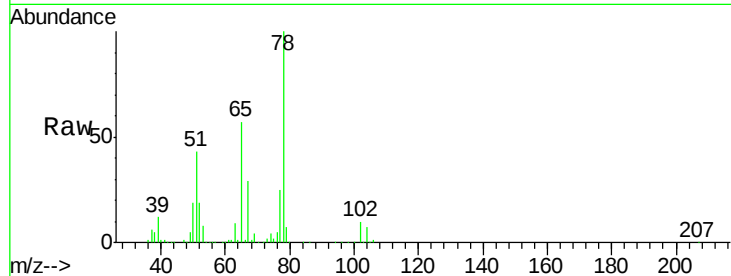
67 51.3 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

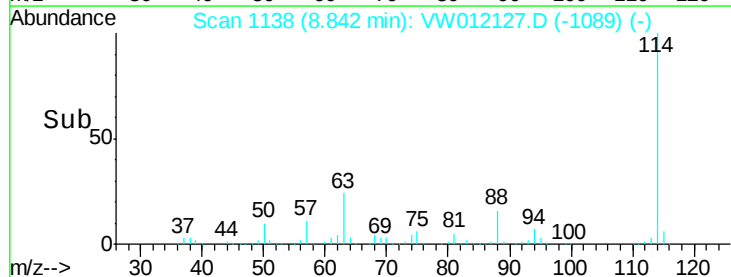
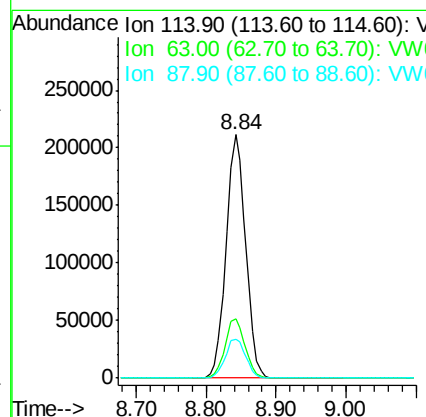
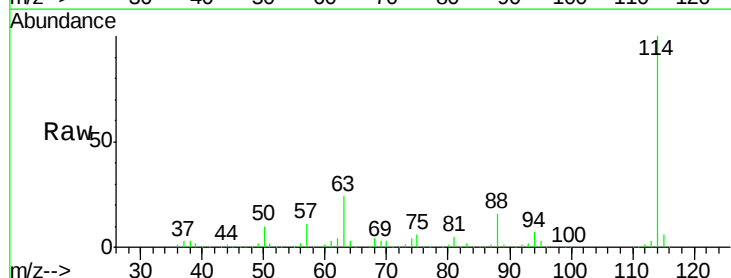
Tgt Ion: 114 Resp: 409382

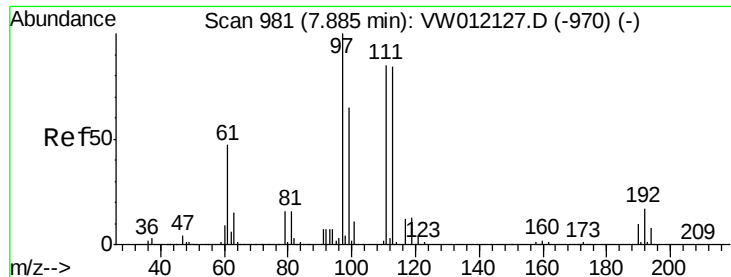
Ion Ratio Lower Upper

114 100

63 24.3 0.0 48.6

88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 50.079 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

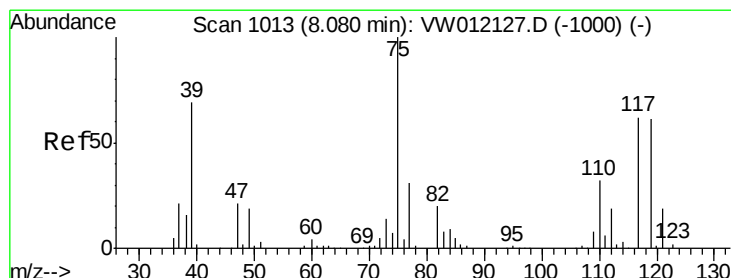
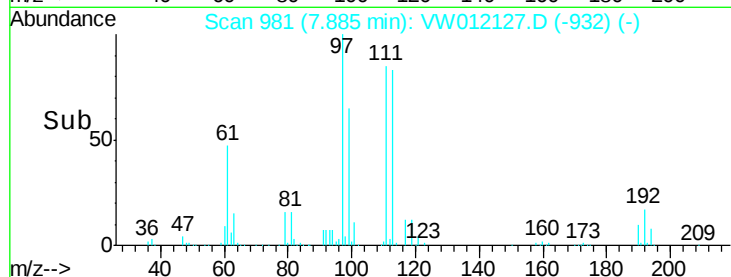
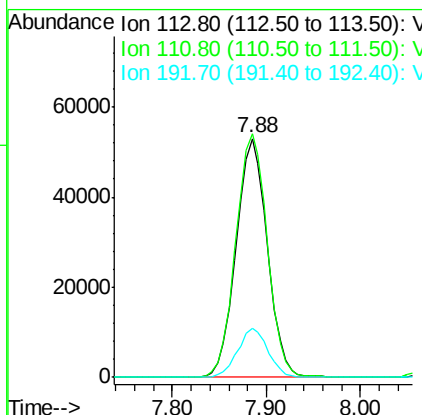
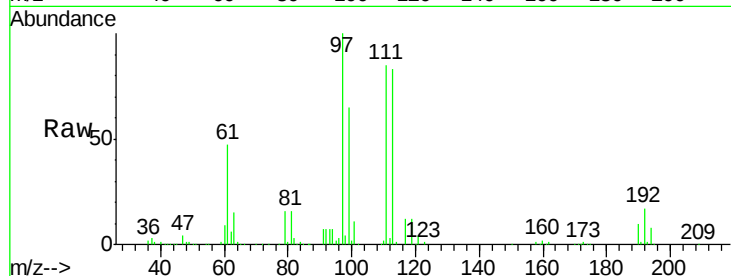
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	122374
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	20.2	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 52.934 ug/l

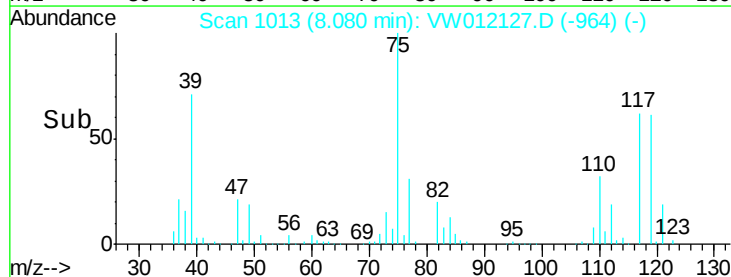
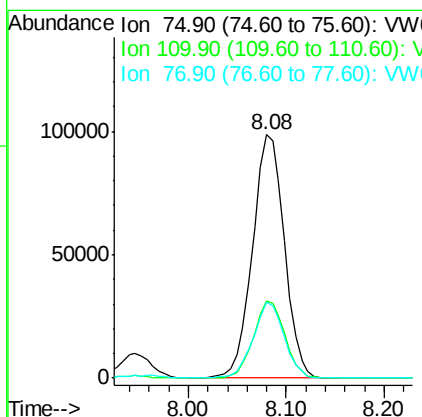
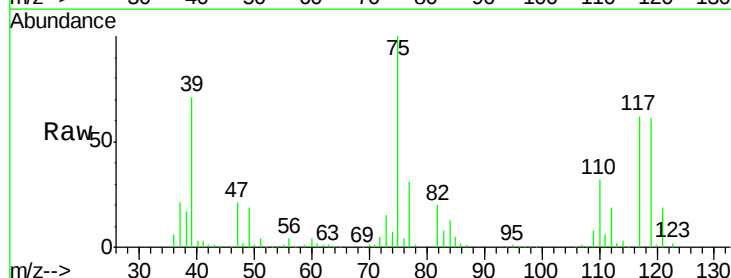
RT: 8.08 min Scan# 1013

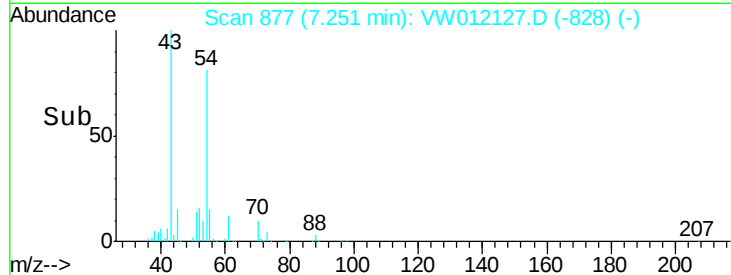
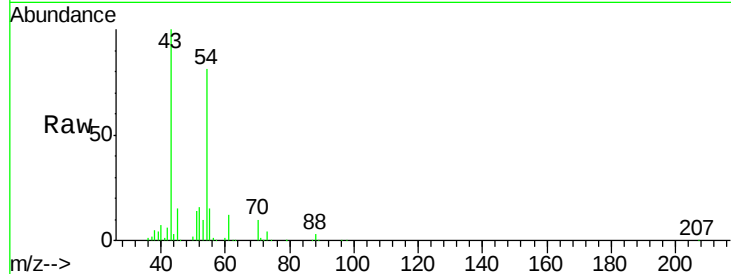
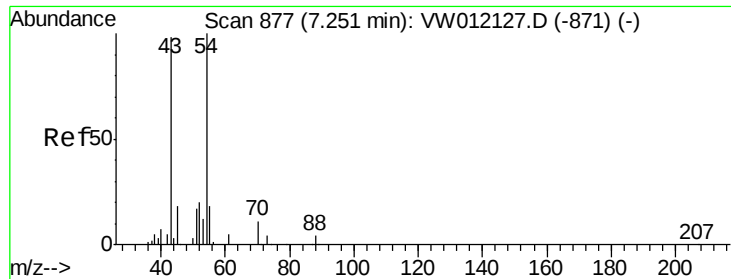
Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Tgt Ion:	75	Resp:	223936
Ion	Ratio	Lower	Upper
75	100		
110	31.2	15.6	46.8
77	30.7	24.6	36.8





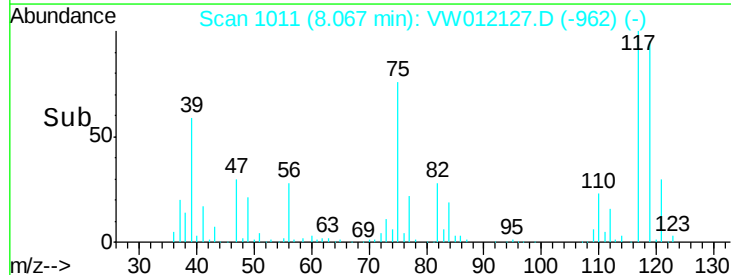
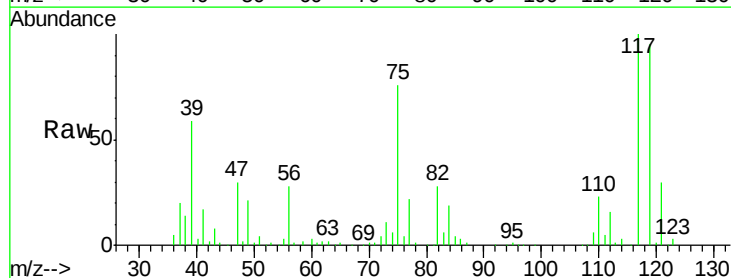
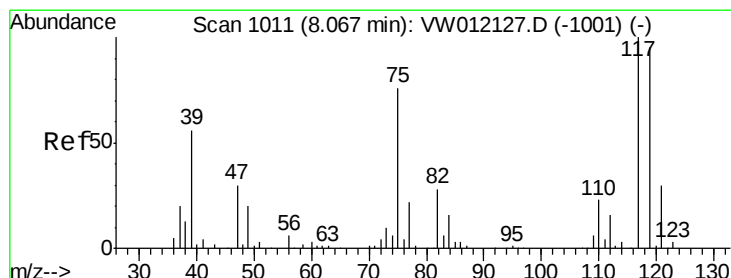
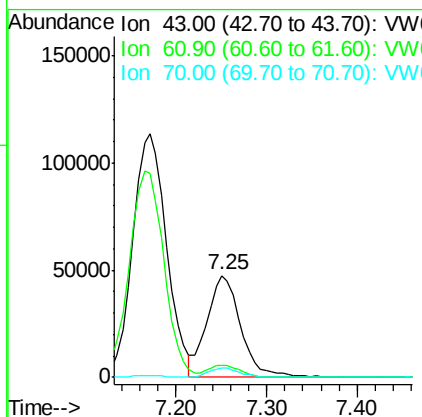
#37
Ethyl Acetate
Concen: 52.851 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	11.5	9.2	13.8	
70	8.6	6.9	10.3	

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

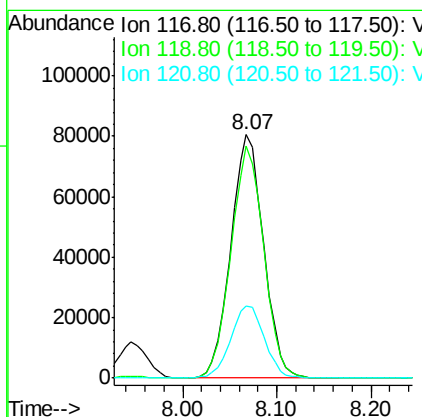
Manual Integrations
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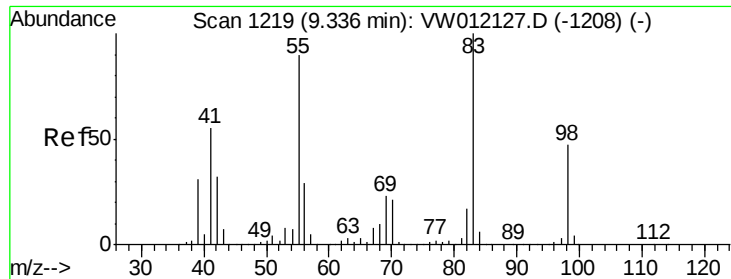
MMDadoda
8/26/2019 11:39:06 AM



#38
Carbon Tetrachloride
Concen: 52.898 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	76.2	114.2	
121	29.8	23.8	35.8	





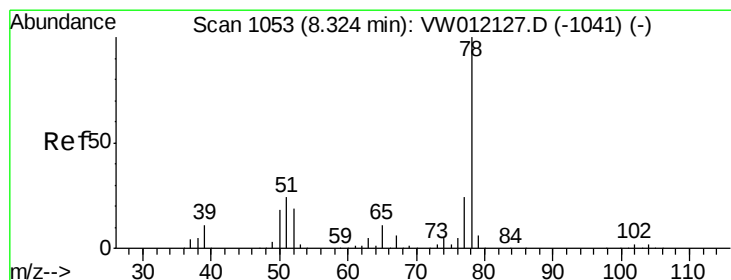
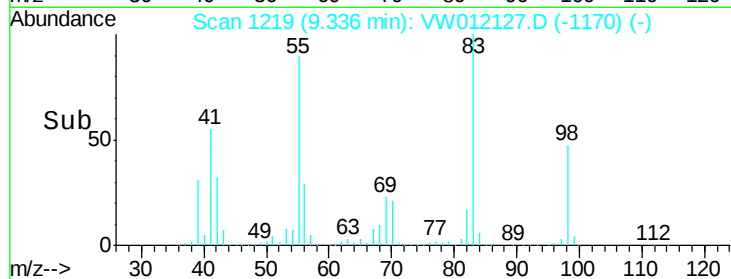
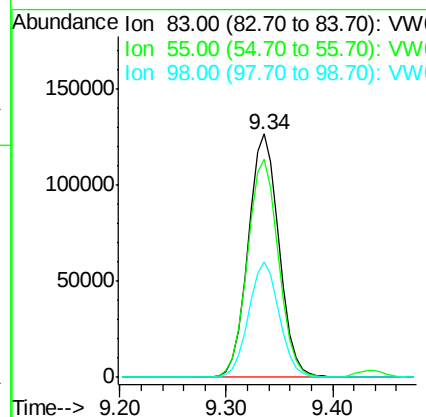
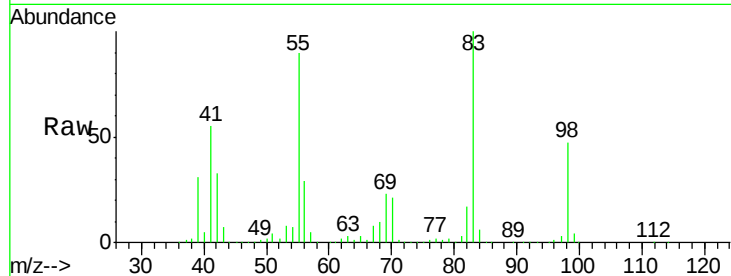
#39
Methvlcvclohexane
Concen: 54.244 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.8	71.8	107.8
98	47.3	37.8	56.8

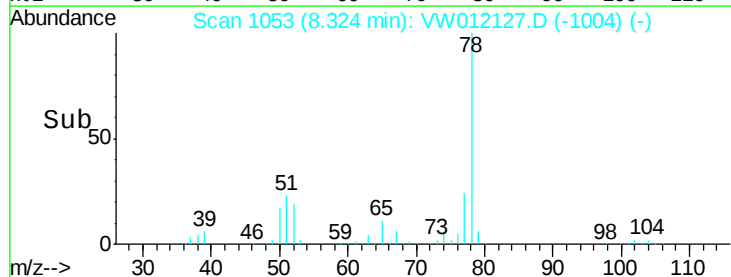
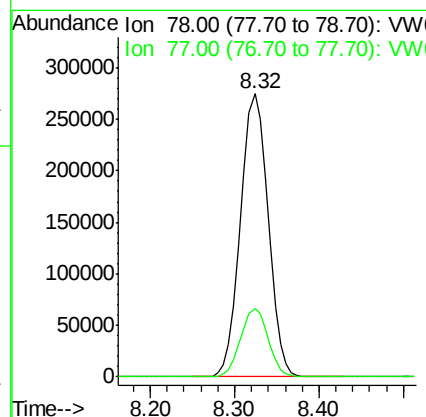
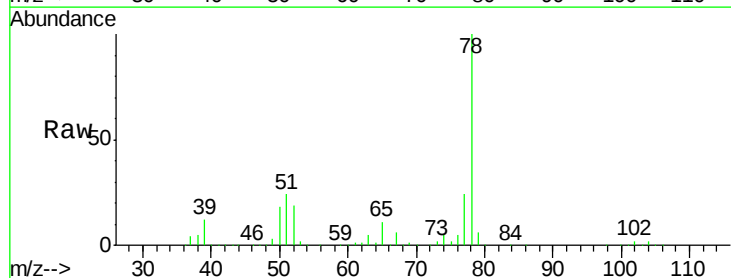
Manual Integrations
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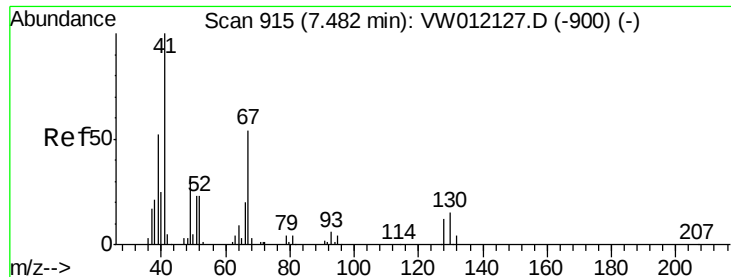
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#40
Benzene
Concen: 52.786 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





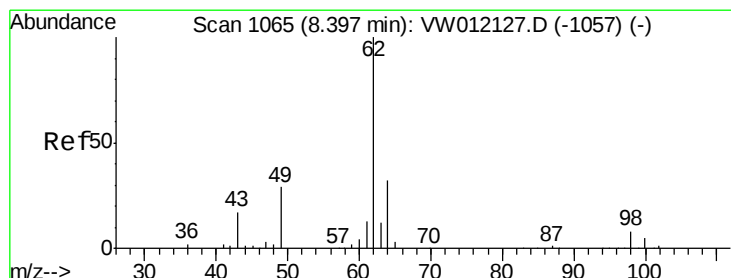
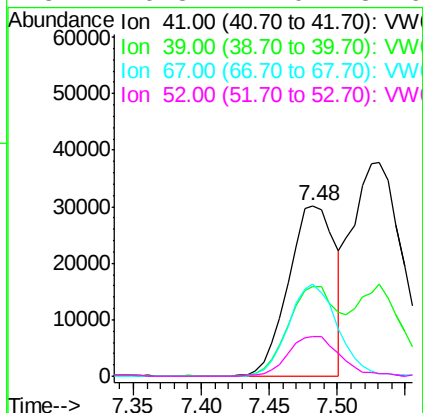
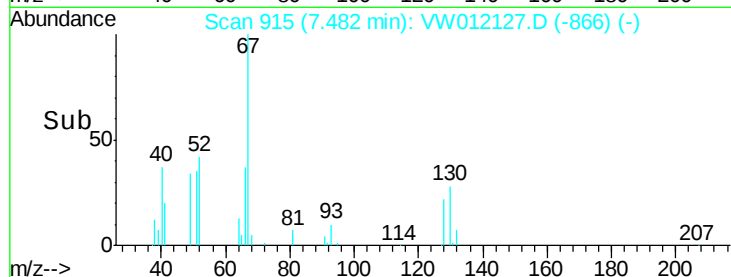
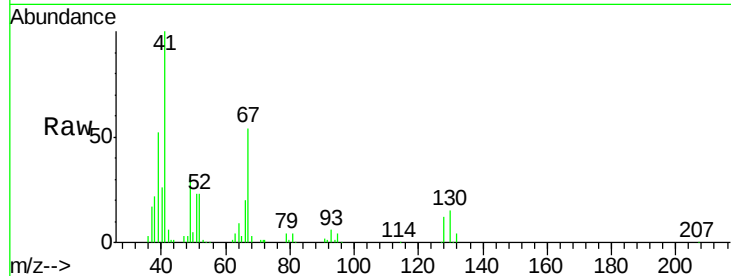
#41
Methacrylonitrile
Concen: 52.841 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		71996		
39	57.3	45.8	68.8		
67	57.8	46.2	69.4		
52	26.3	21.0	31.6		

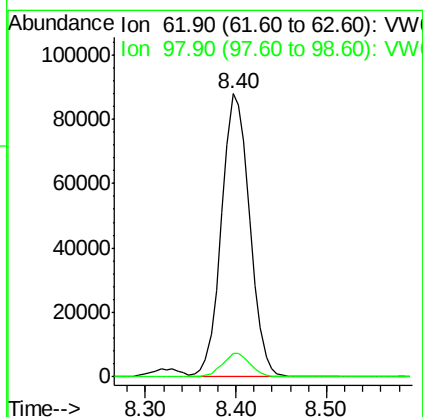
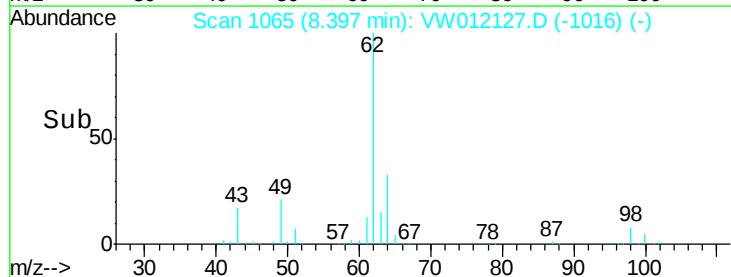
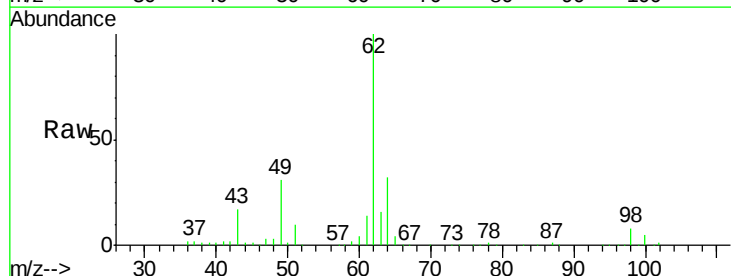
Manual Integrations
APPROVED

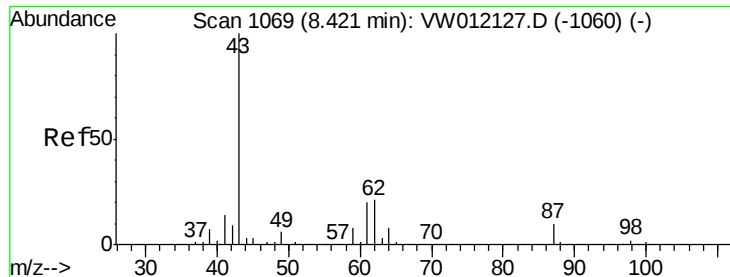
MMDadoda
8/26/2019 11:39:06 AM



#42
1,2-Dichloroethane
Concen: 52.579 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		190356		
98	8.3	0.0	16.6		





#43

Isopropyl Acetate

Concen: 53.101 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

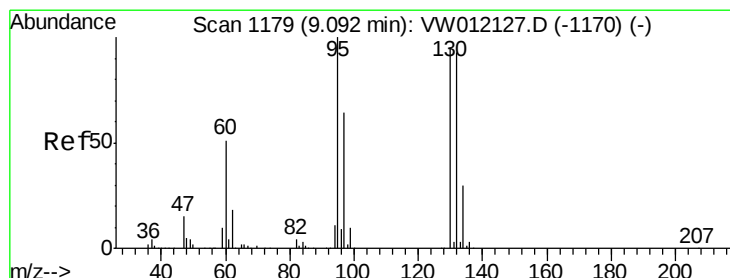
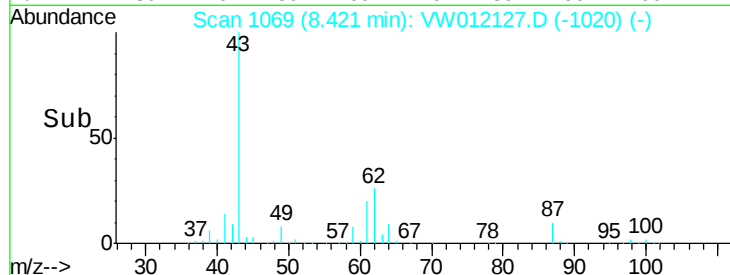
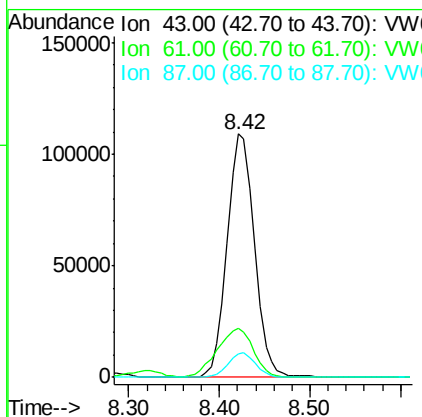
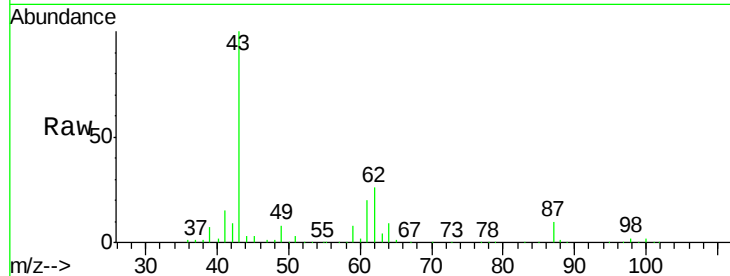
ClientSampleId :

VSTDICCC050

Tot Ion:	43	Resp:	228021
Ion	Ratio	Lower	Upper
43	100		
61	26.4	21.1	31.7
87	10.2	8.2	12.2

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#44

Trichloroethene

Concen: 52.479 ug/l

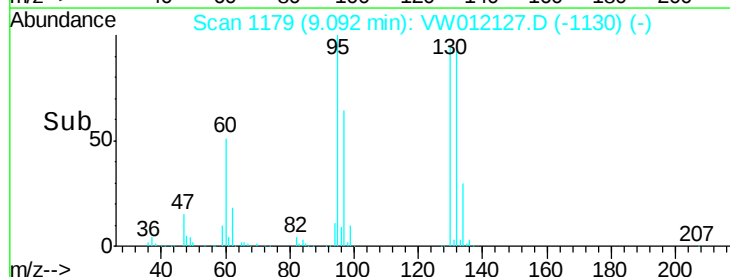
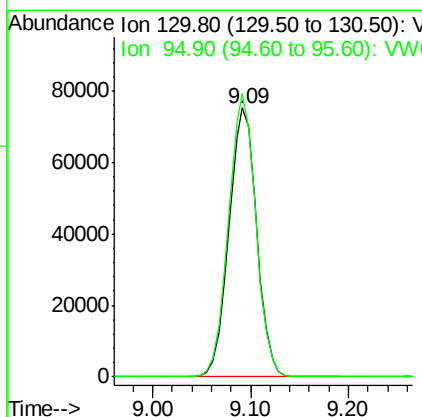
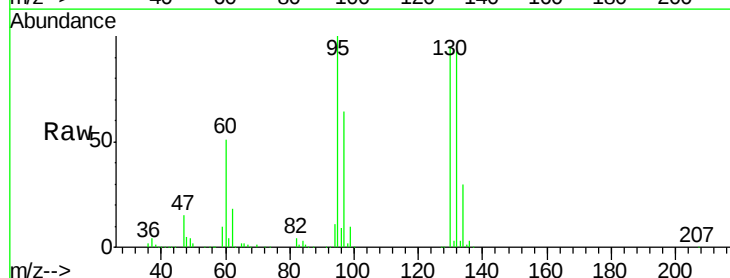
RT: 9.09 min Scan# 1179

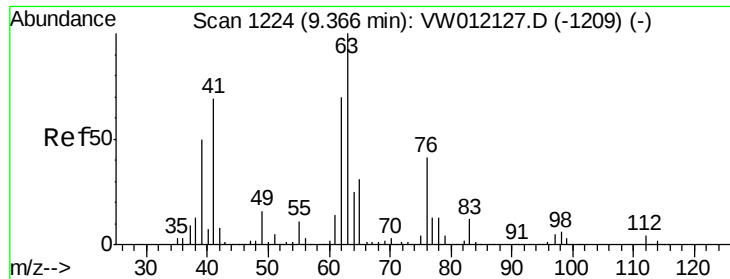
Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Tgt Ion:	130	Resp:	147371
Ion	Ratio	Lower	Upper
130	100		
95	105.3	0.0	210.6





#45

1,2-Dichloropropane

Concen: 52.494 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 163200

Ion Ratio Lower Upper

63 100

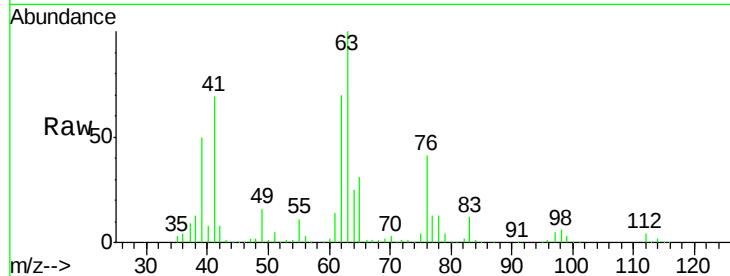
65 31.2 25.0 37.4

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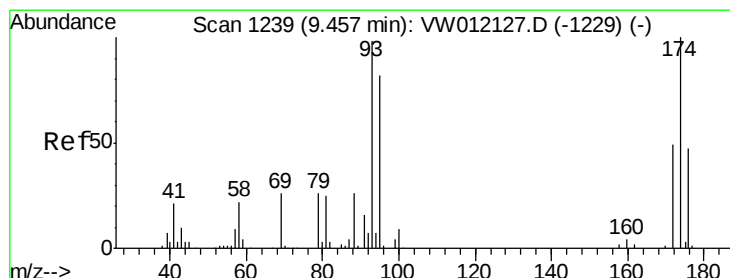
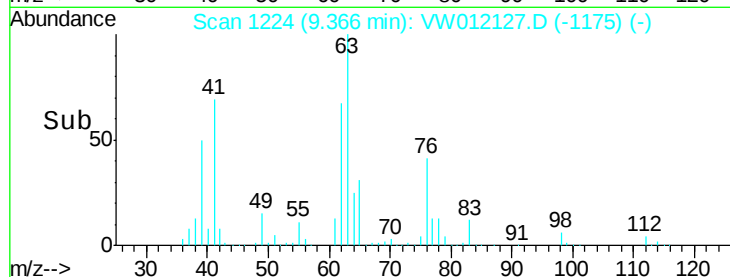
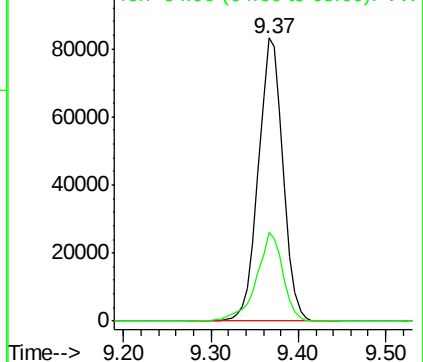
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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 52.307 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

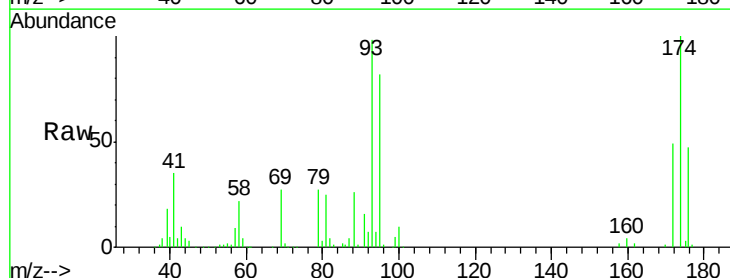
Tgt Ion: 93 Resp: 72353

Ion Ratio Lower Upper

93 100

95 84.0 67.2 100.8

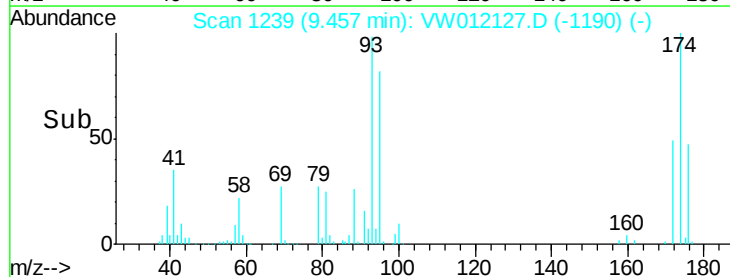
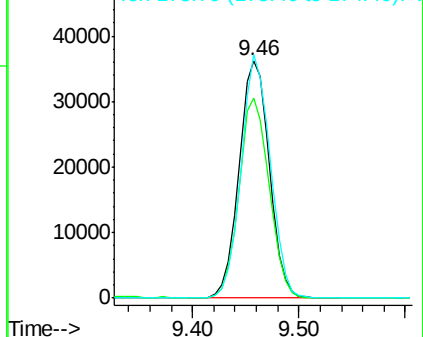
174 98.8 79.0 118.6

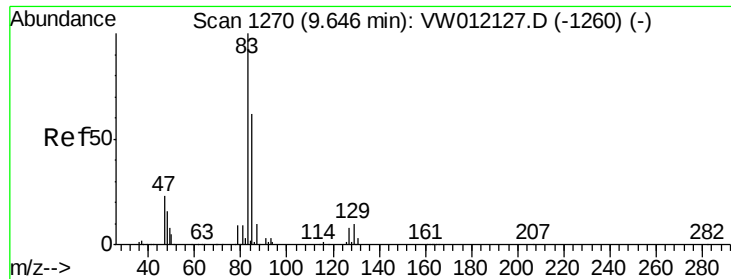


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.296 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

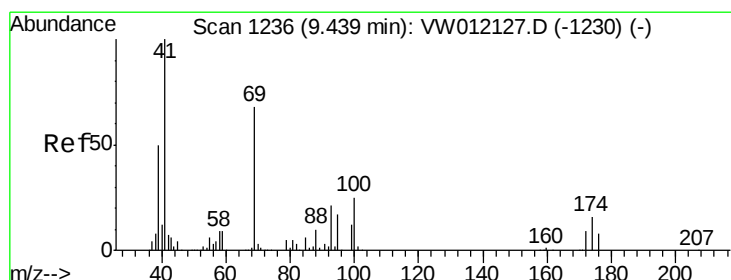
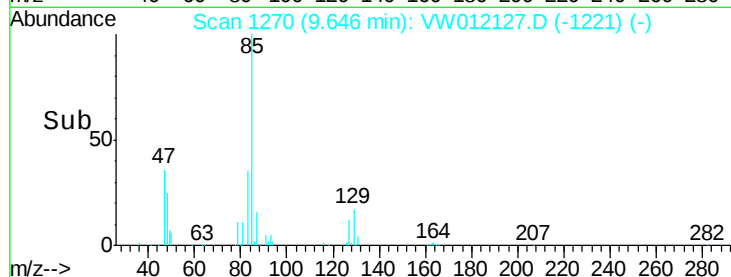
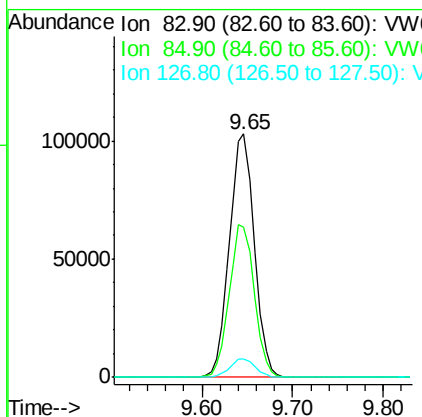
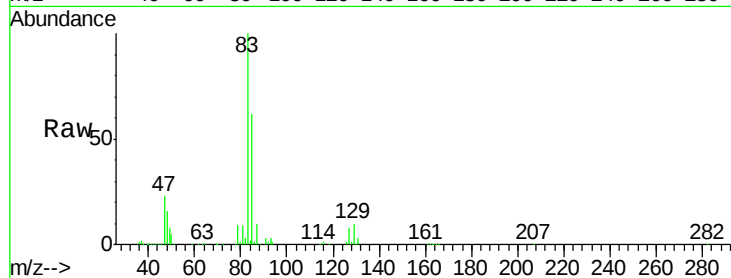
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	196204
Ion	Ratio	Lower	Upper
83	100		
85	61.8	49.4	74.2
127	7.6	6.1	9.1

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#48

Methyl methacrylate

Concen: 54.711 ug/l

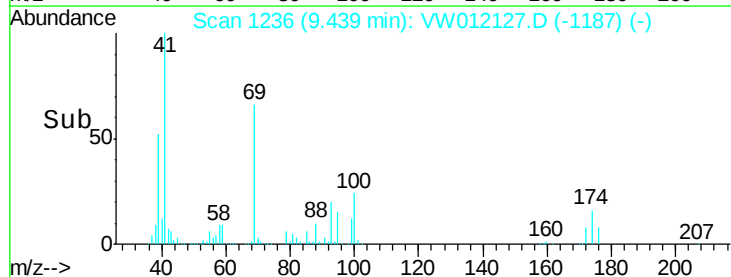
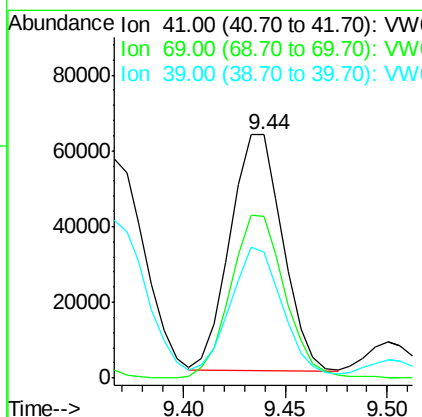
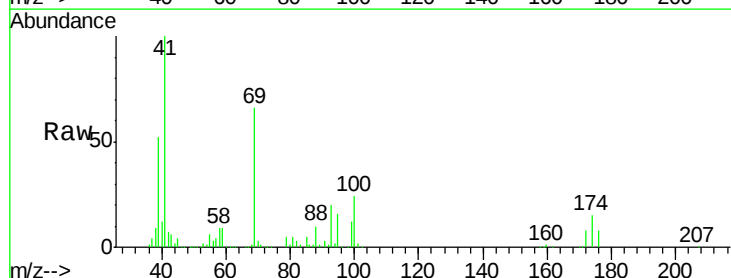
RT: 9.44 min Scan# 1236

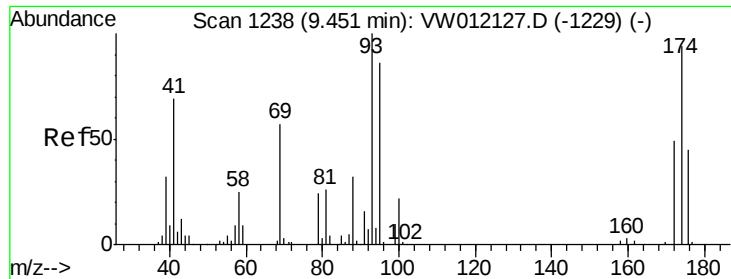
Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Tgt Ion:	41	Resp:	111817
Ion	Ratio	Lower	Upper
41	100		
69	70.9	56.7	85.1
39	52.5	42.0	63.0





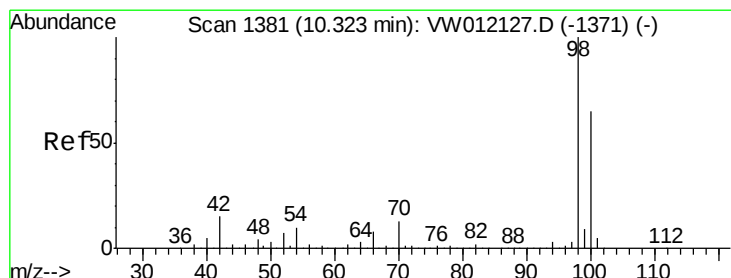
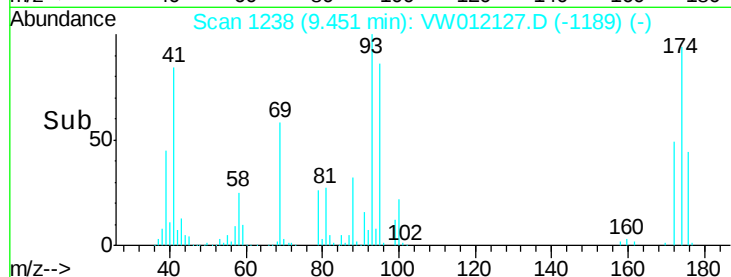
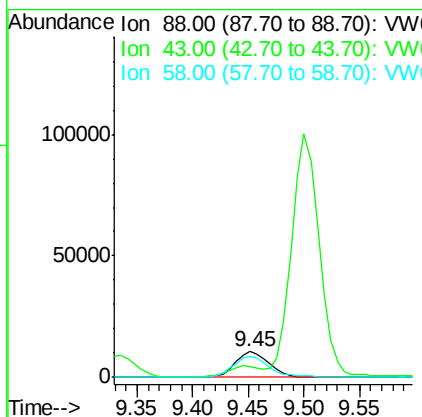
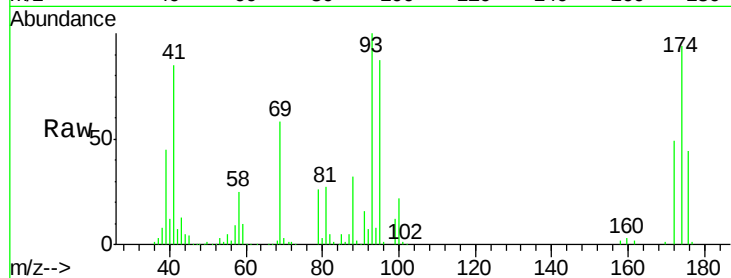
#49
1,4-Dioxane
Concen: 1056.299 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	88	Resp	22368
Ion	Ratio	Lower	Upper
88	100		
43	41.1	32.9	49.3
58	88.7	71.0	106.4

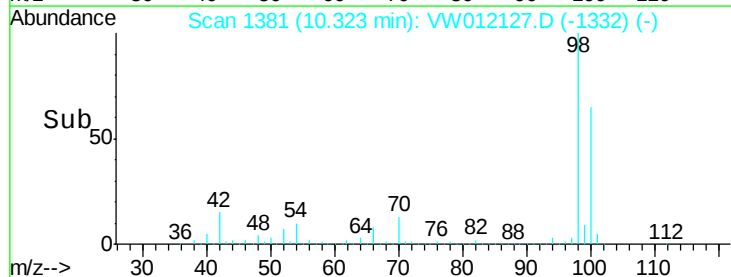
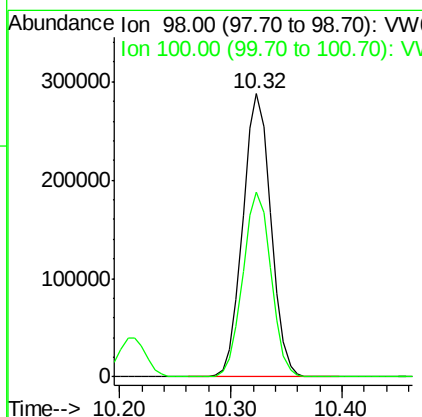
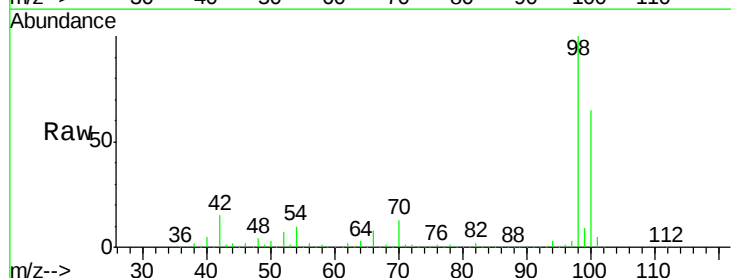
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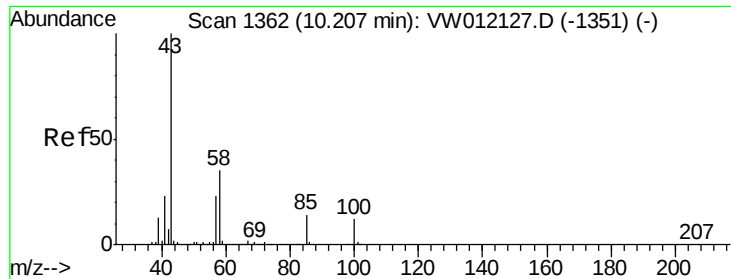
MMDadoda
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#50
Toluene-d8
Concen: 50.884 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	98	Resp	504168
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 267.249 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 583704

Ion Ratio Lower Upper

43 100

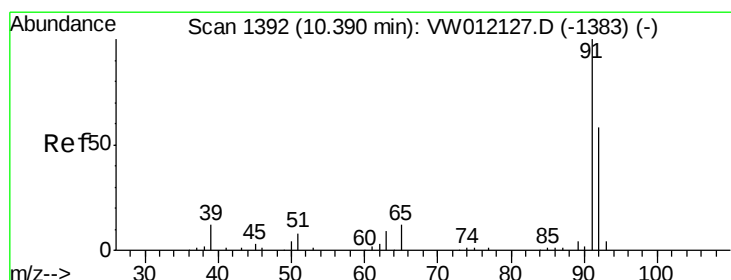
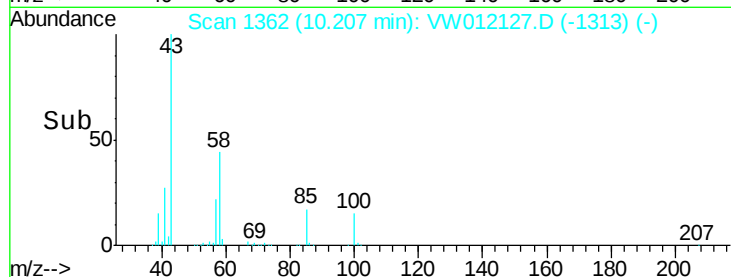
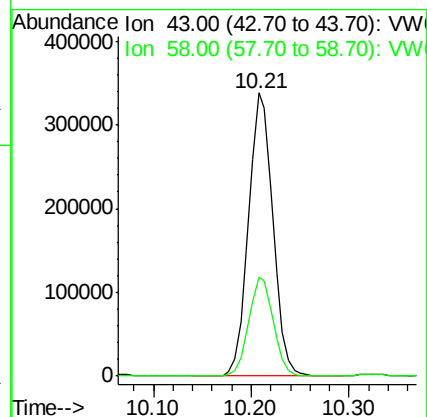
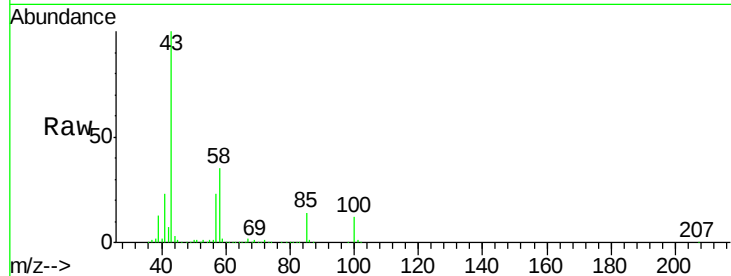
58 35.2 28.2 42.2

Manual Integrations

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#52

Toluene

Concen: 53.236 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW012127.D

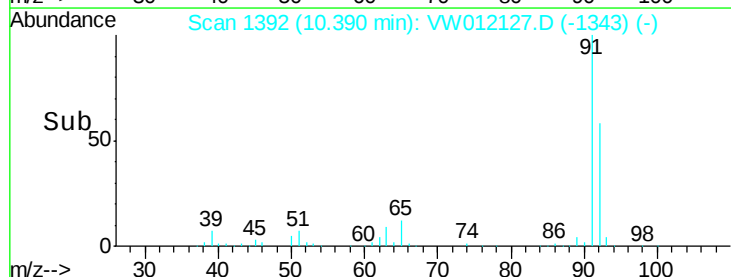
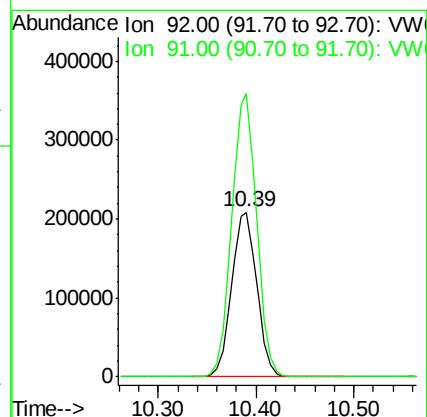
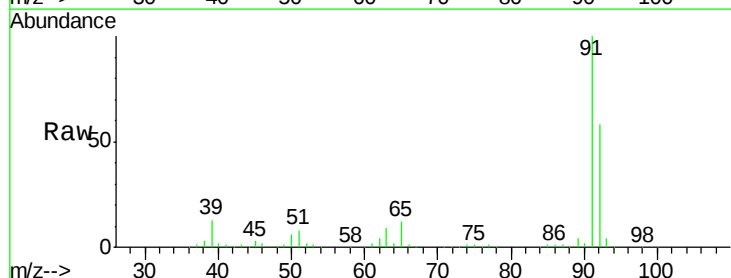
Acq: 23 Aug 2019 11:03

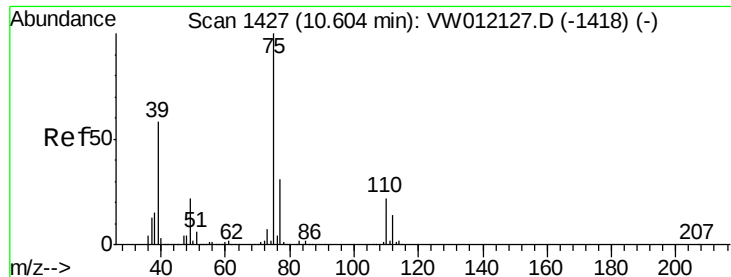
Tgt Ion: 92 Resp: 369437

Ion Ratio Lower Upper

92 100

91 170.7 136.6 204.8





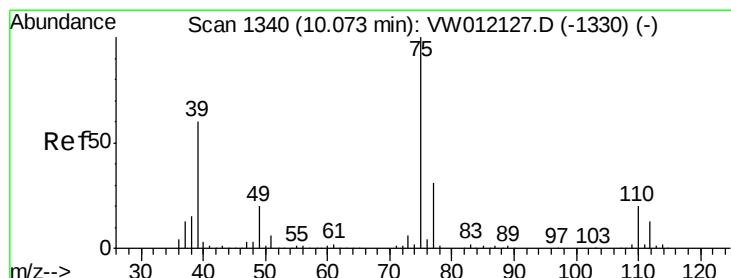
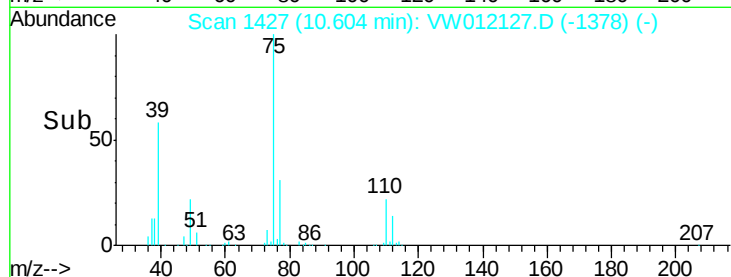
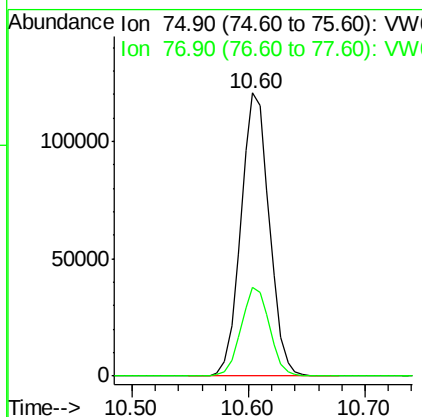
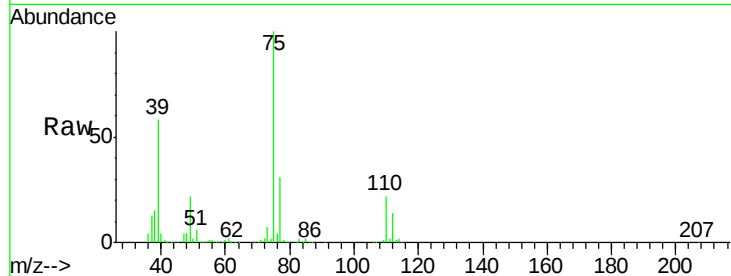
#53
t-1,3-Dichloropropene
Concen: 54.648 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	25.0	37.4

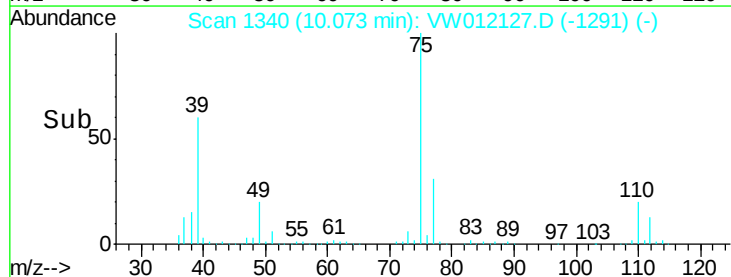
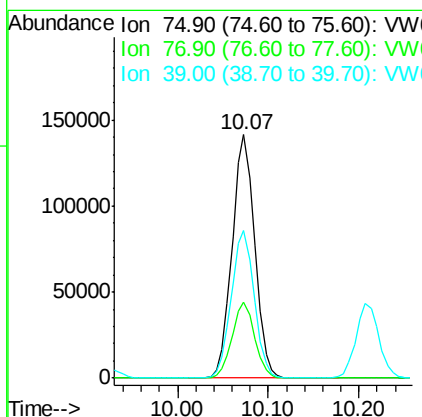
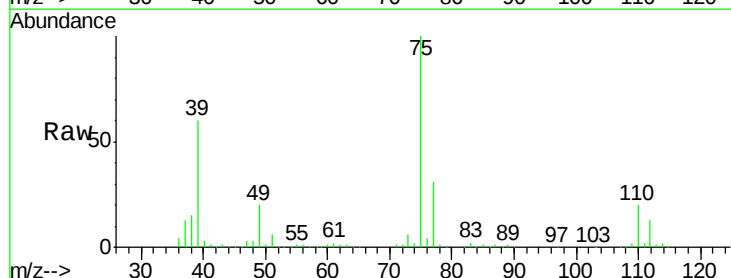
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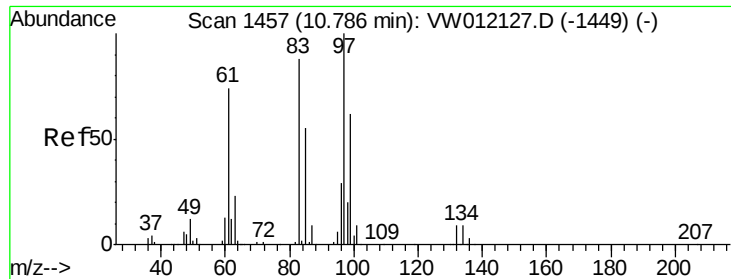
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#54
cis-1,3-Dichloropropene
Concen: 53.963 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.1	37.7
39	60.4	48.3	72.5





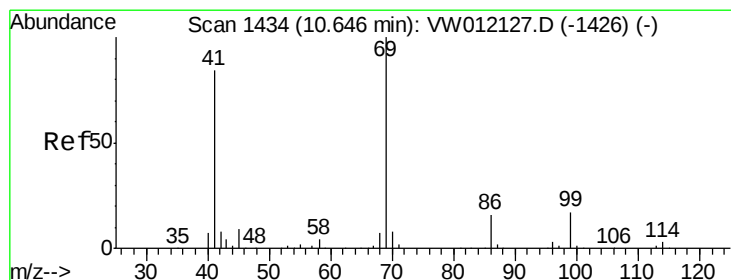
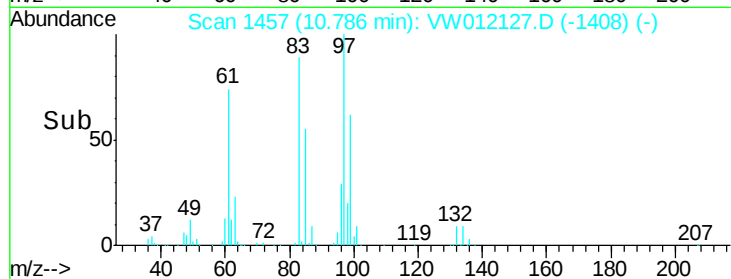
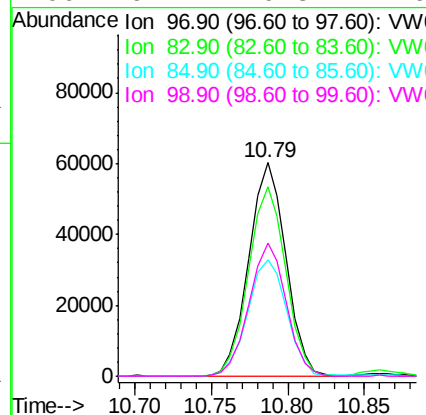
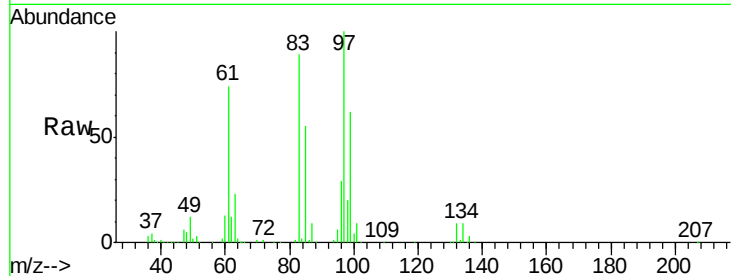
#55
 1,1,2-Trichloroethane
 Concen: 52.060 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion:	97	Resp:	101886
Ion	Ratio	Lower	Upper
97	100		
83	88.5	70.8	106.2
85	54.8	43.8	65.8
99	62.2	49.8	74.6

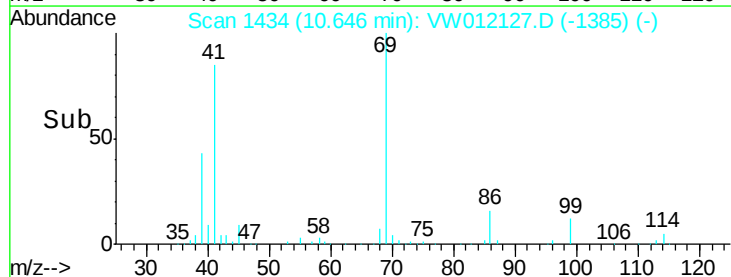
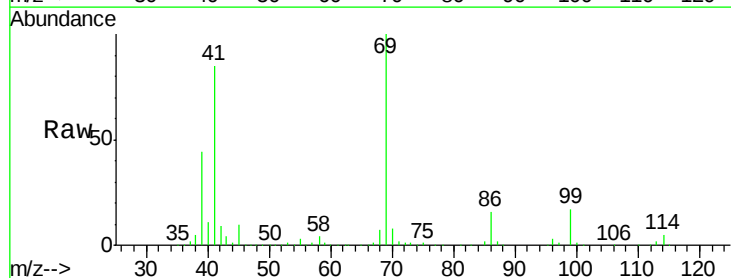
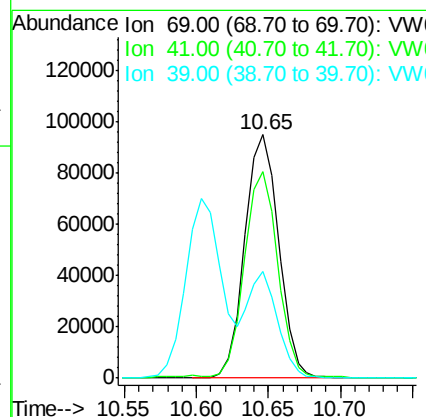
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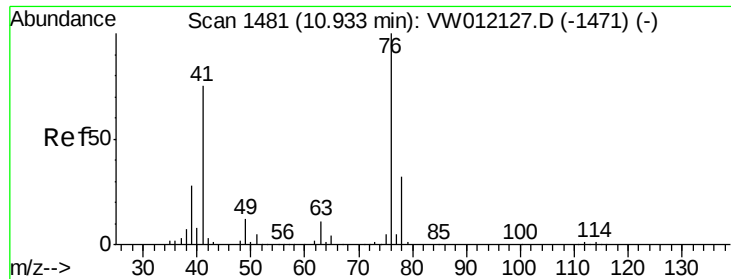
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#56
 Ethyl methacrylate
 Concen: 54.558 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Tgt Ion:	69	Resp:	155402
Ion	Ratio	Lower	Upper
69	100		
41	83.1	66.5	99.7
39	38.7	31.0	46.4





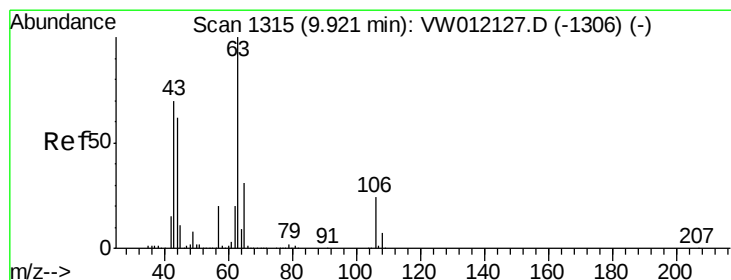
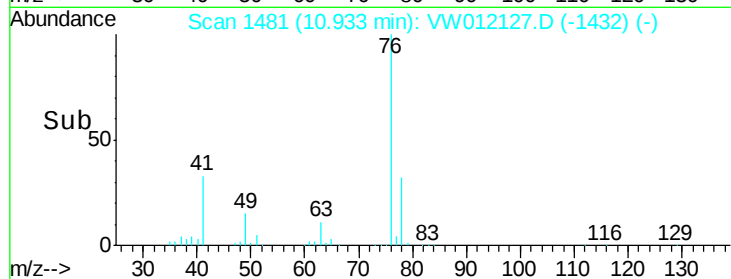
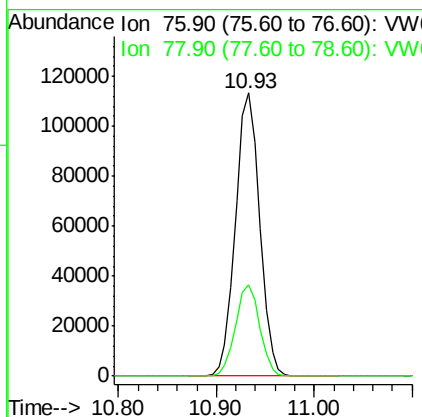
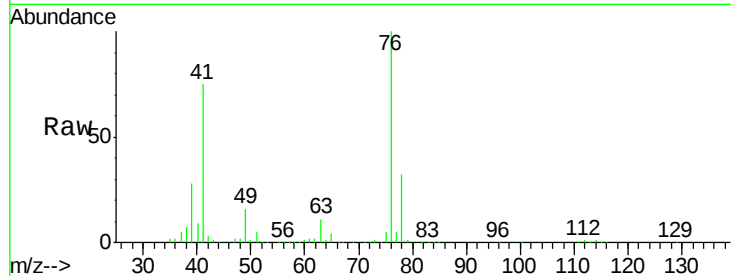
#57
 1,3-Dichloropropane
 Concen: 52.748 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 195085
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

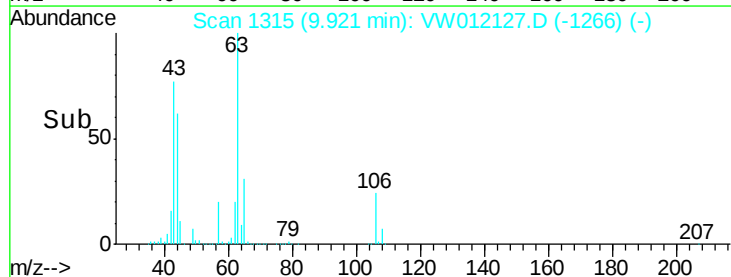
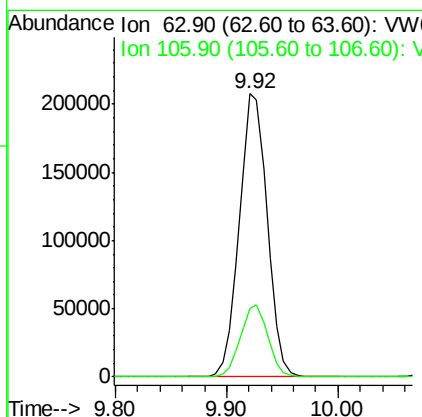
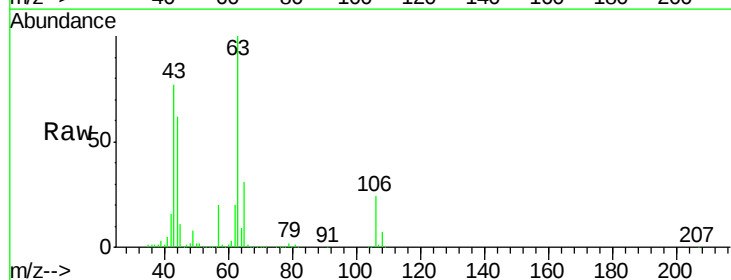
Manual Integrations
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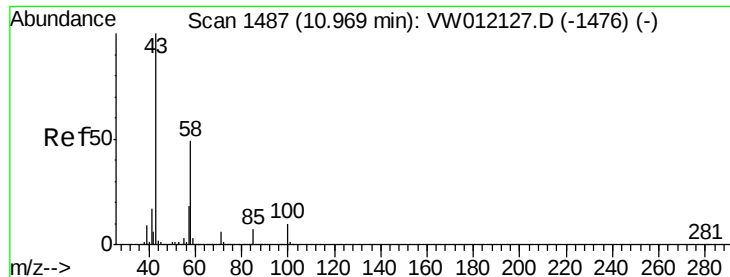
MMDadoda
 8/26/2019 11:39:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.029 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Tgt Ion: 63 Resp: 361121
 Ion Ratio Lower Upper
 63 100
 106 24.8 19.8 29.8





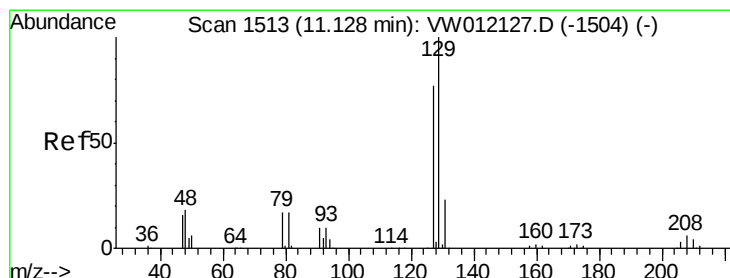
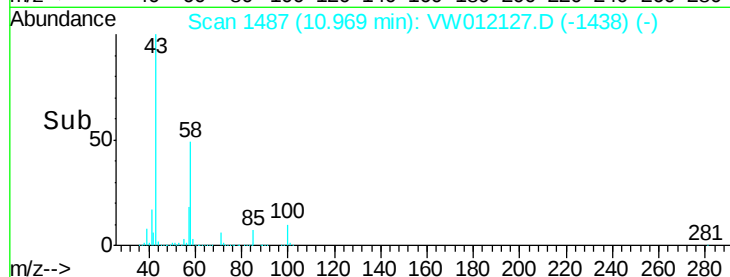
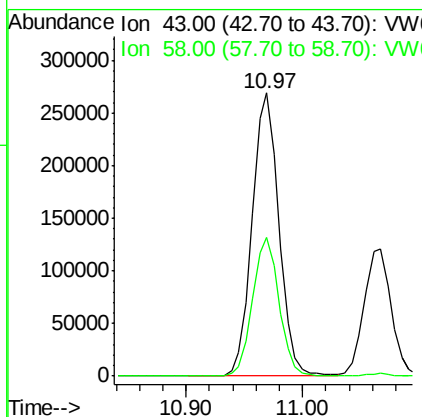
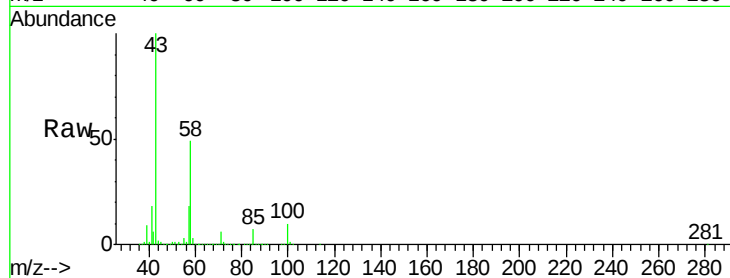
#59
2-Hexanone
Concen: 279.868 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	43	Resp	432509
Ion Ratio	100	Lower	Upper
43	100		
58	48.6	24.3	72.9

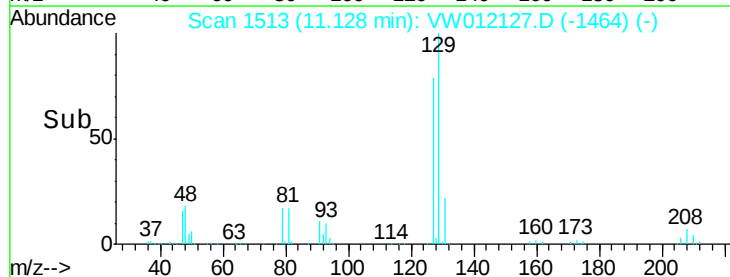
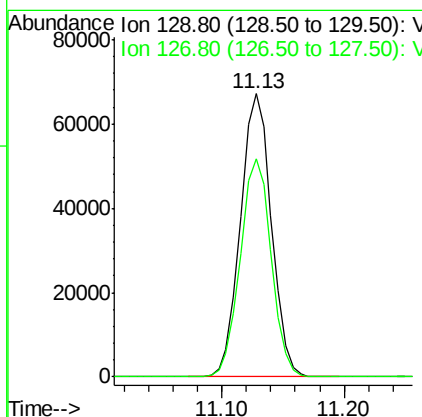
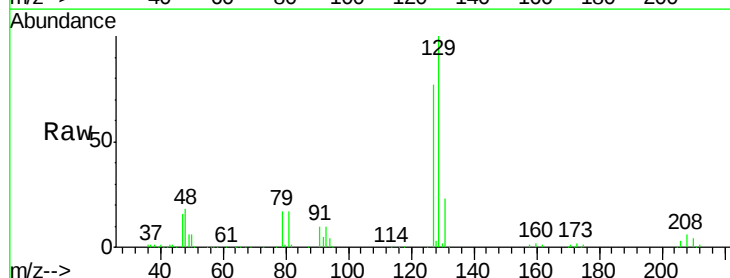
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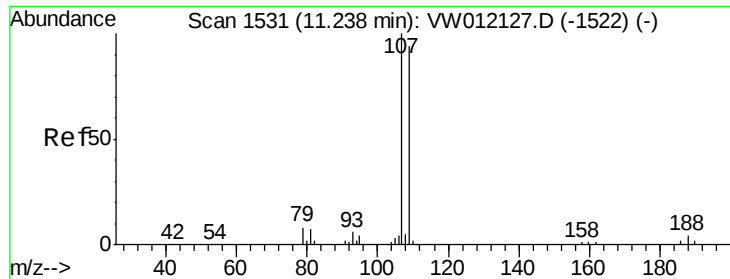
MMDadoda
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#60
Dibromochloromethane
Concen: 53.975 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	129	Resp	117658	
Ion Ratio <th>129</th> <th>100</th> <th>Lower</th> <th>Upper</th>	129	100	Lower	Upper
129	100			
127	77.2	38.6	115.8	





#61

1,2-Dibromoethane

Concen: 53.286 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 107 Resp: 97155

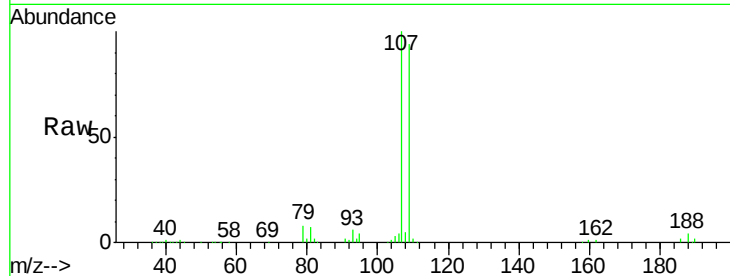
Ion Ratio Lower Upper

107 100

109 94.3 75.4 113.2

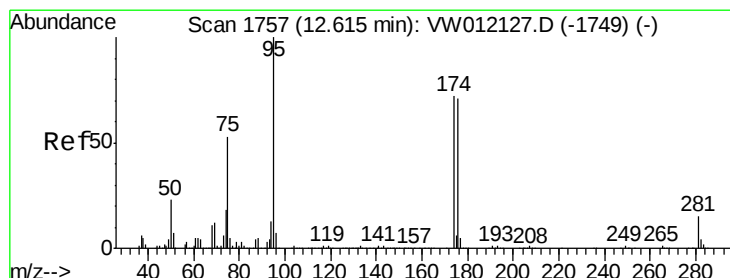
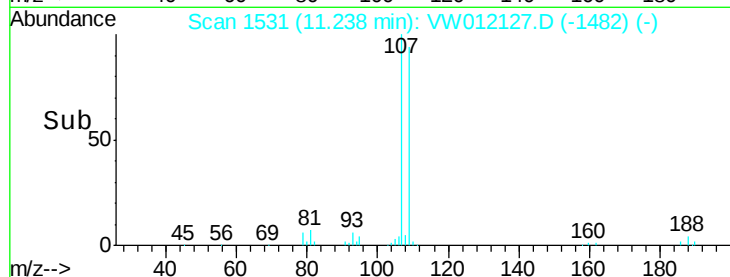
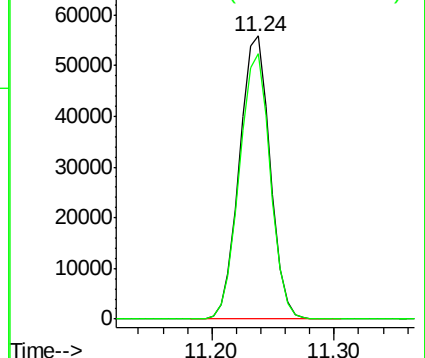
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.805 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

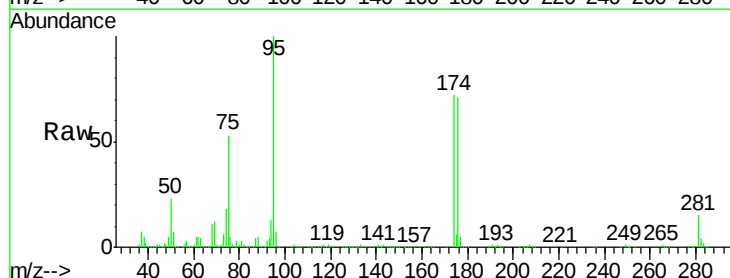
Tgt Ion: 95 Resp: 173949

Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.8

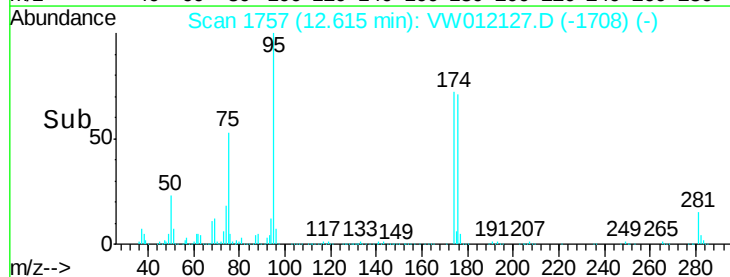
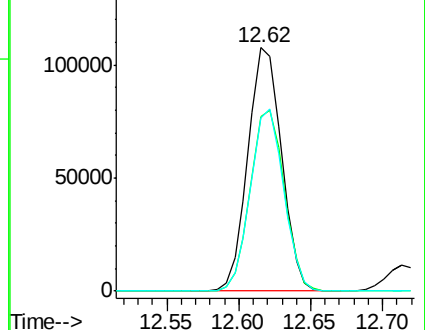
176 74.3 0.0 148.6

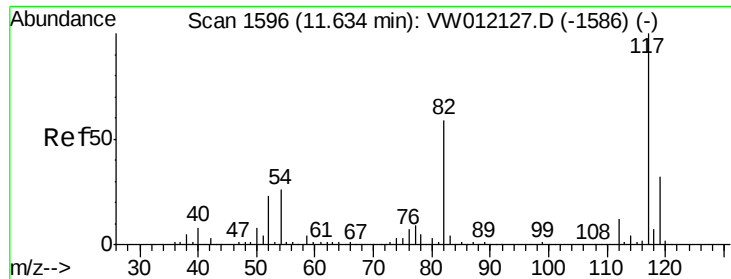


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





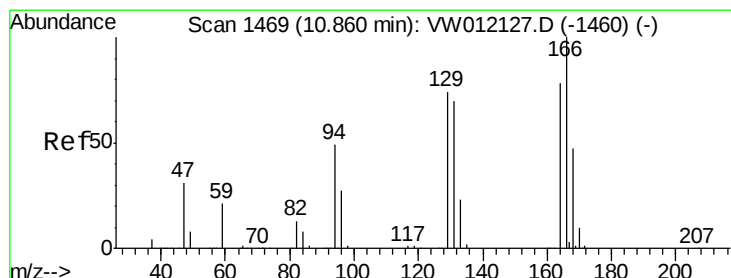
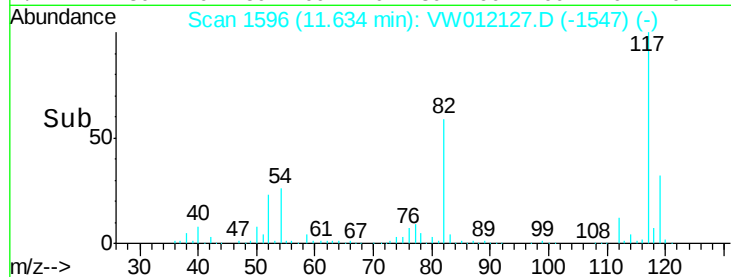
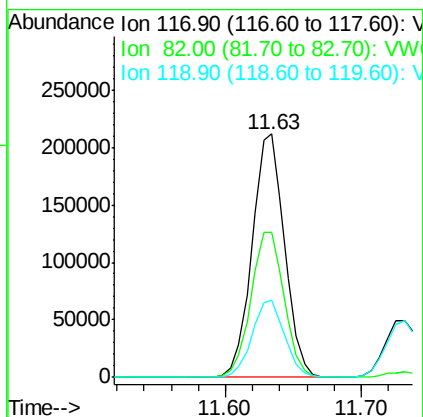
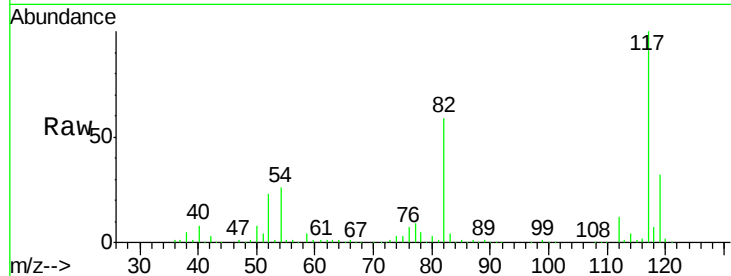
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	47.4	71.2
119	31.8	25.4	38.2

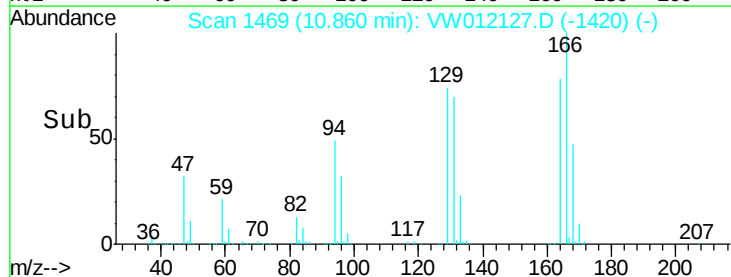
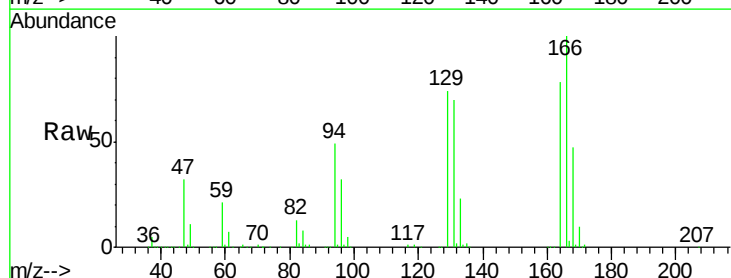
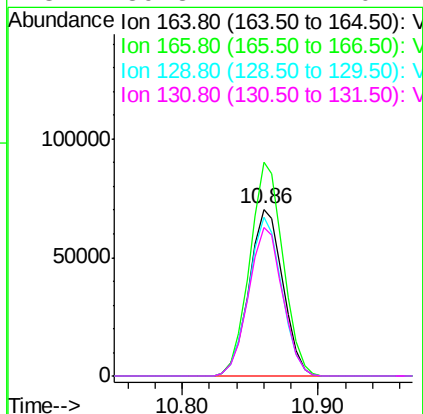
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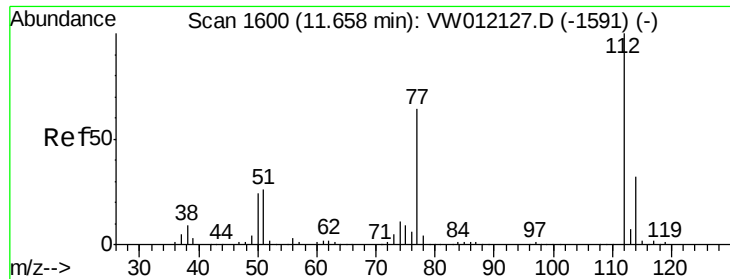
MMDadoda
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#64
Tetrachloroethene
Concen: 53.538 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	102.4	153.6
129	94.7	75.8	113.6
131	89.3	71.4	107.2





#65

Chlorobenzene

Concen: 52.515 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:112 Resp: 365769

Ion Ratio Lower Upper

112 100

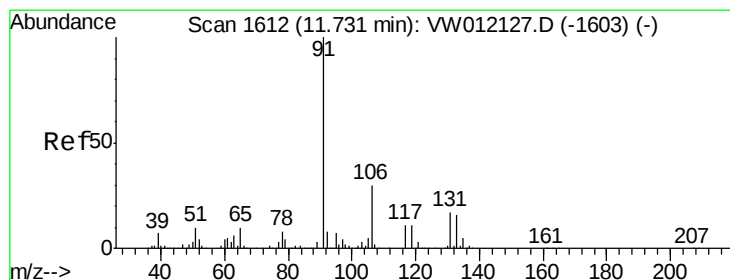
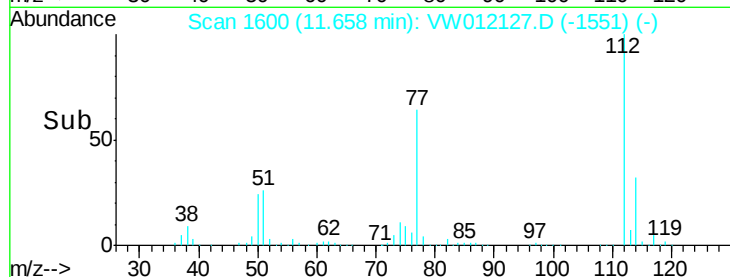
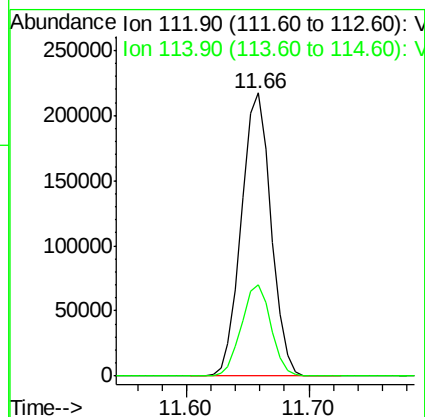
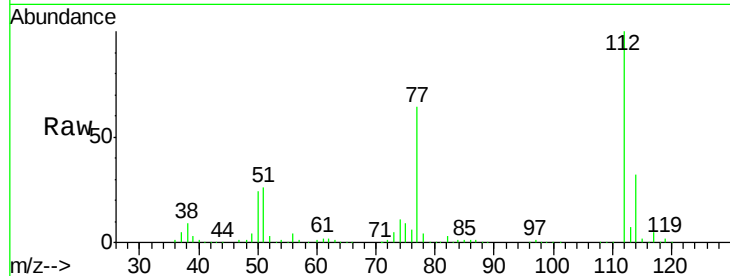
114 32.2 25.8 38.6

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.454 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

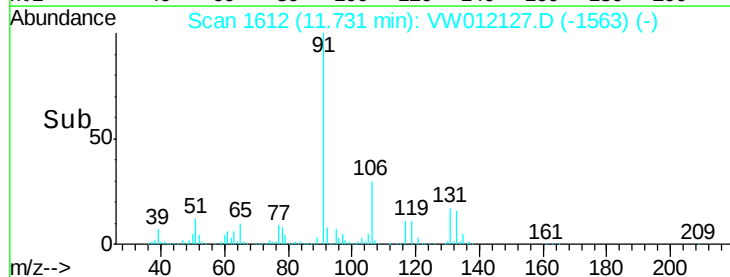
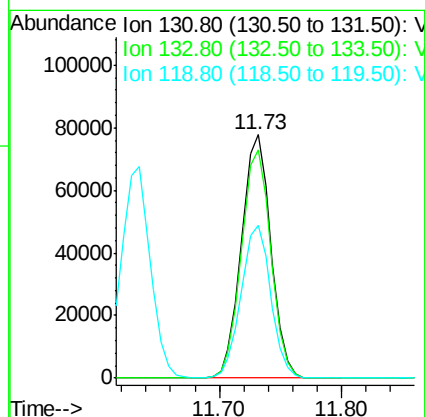
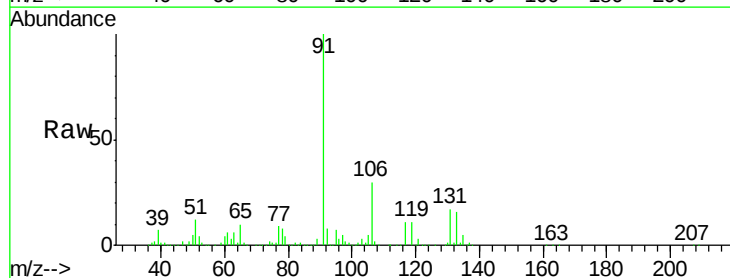
Tgt Ion:131 Resp: 129884

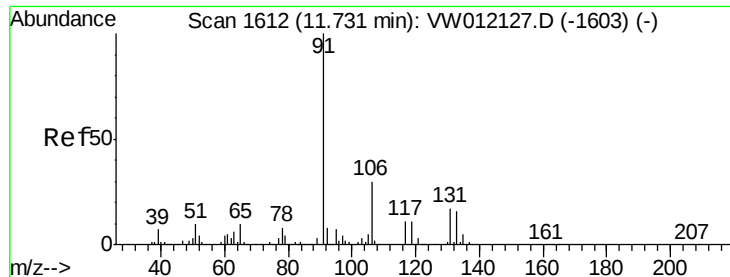
Ion Ratio Lower Upper

131 100

133 94.2 47.1 141.3

119 63.5 31.8 95.3





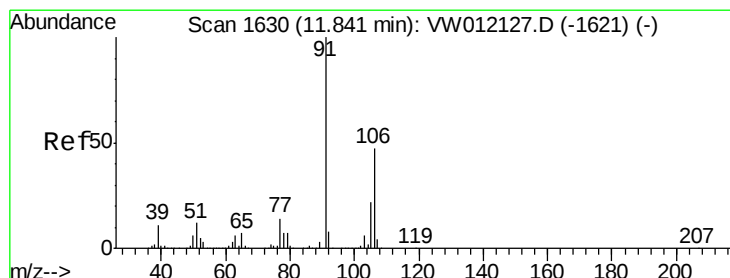
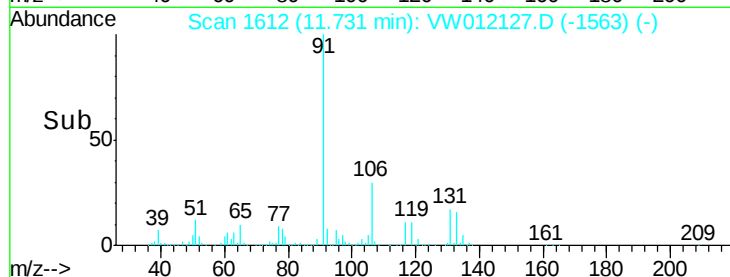
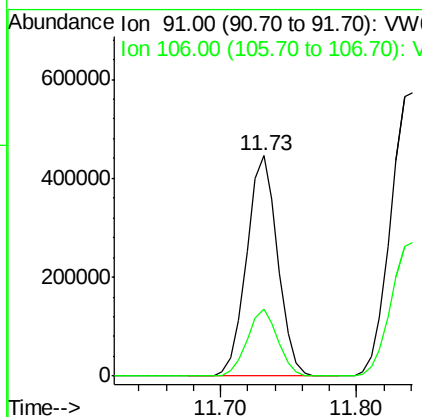
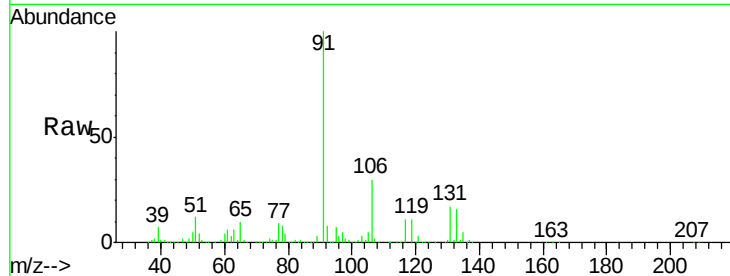
#67
Ethyl Benzene
Concen: 52.967 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.4	24.3	36.5

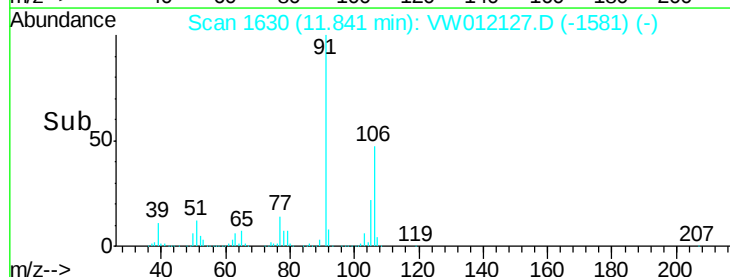
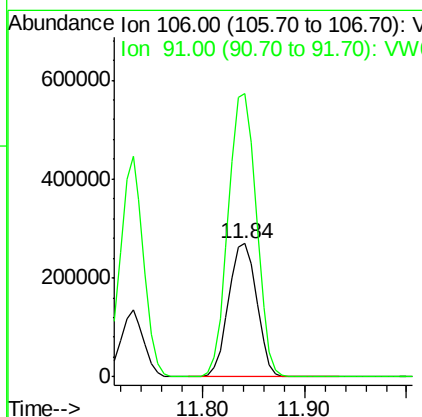
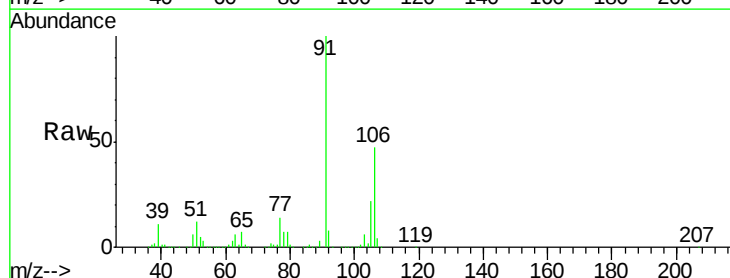
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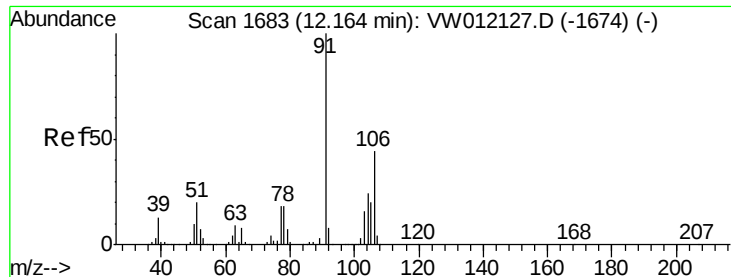
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#68
m/p-Xylenes
Concen: 106.574 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.9	169.5	254.3





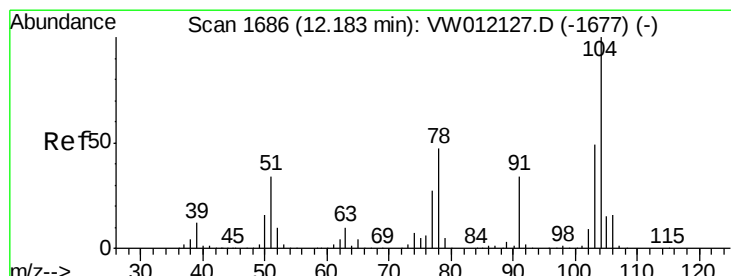
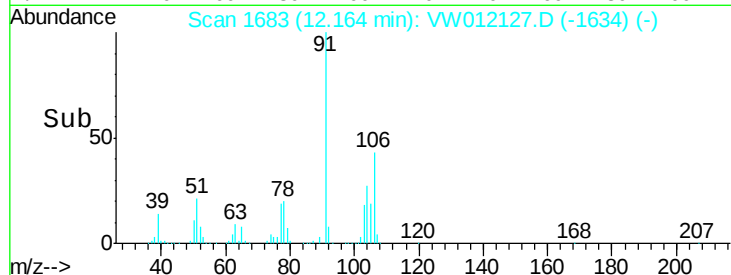
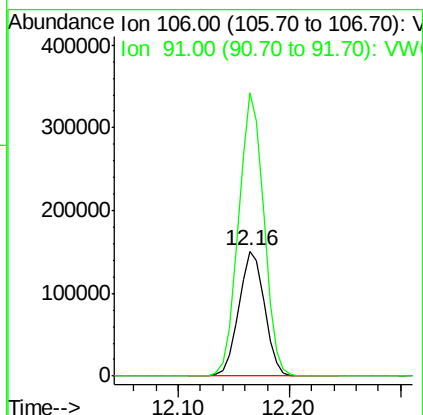
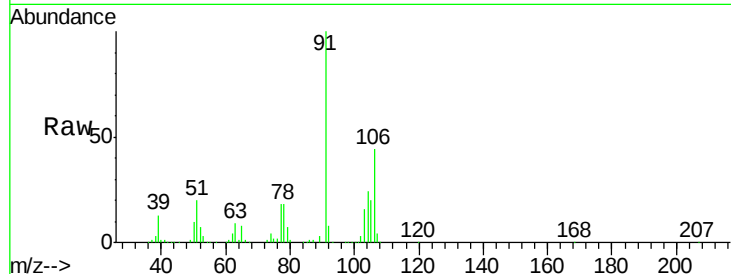
#69
o-Xylene
Concen: 53.785 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100	240586		
91	223.1	111.6	334.6	

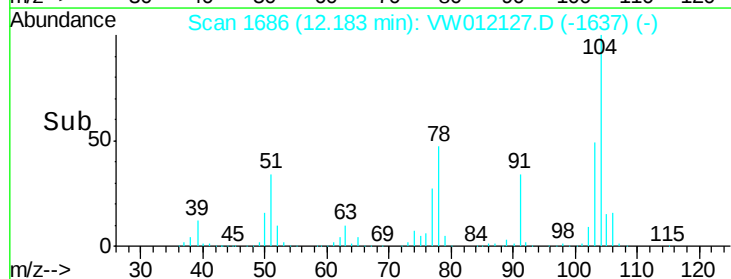
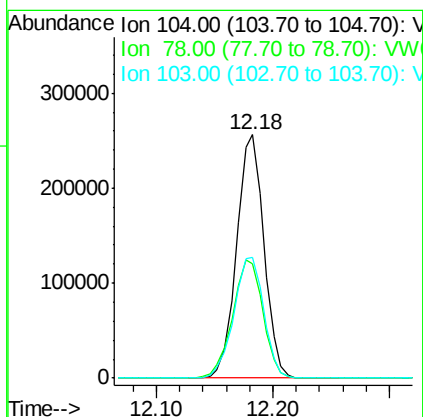
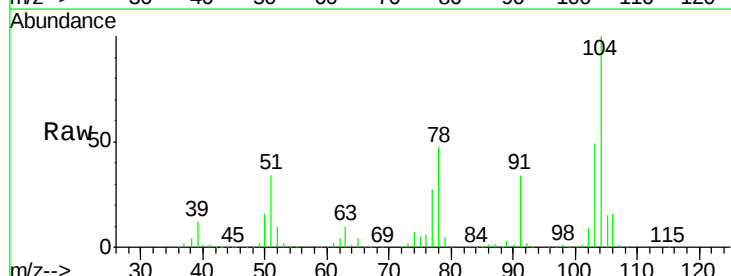
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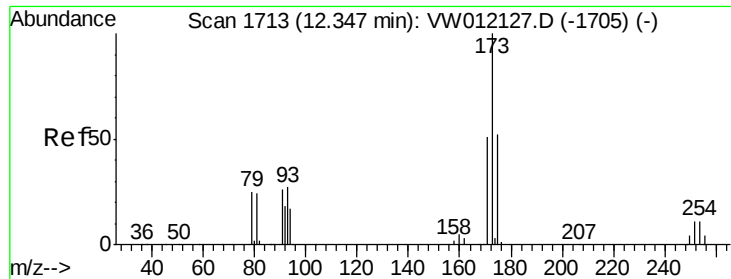
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#70
Styrene
Concen: 54.276 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	420230		
78	53.9	43.1	64.7	
103	54.4	43.5	65.3	





#71

Bromoform

Concen: 52.908 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

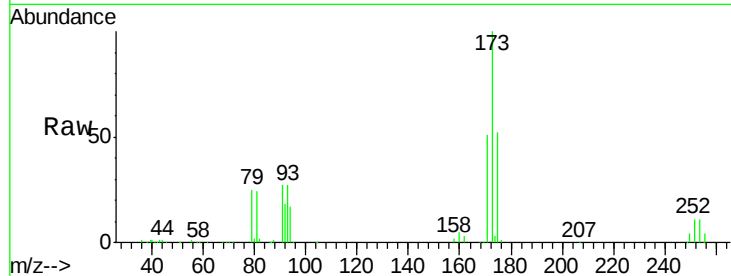
ClientSampleId :

VSTDICCC050

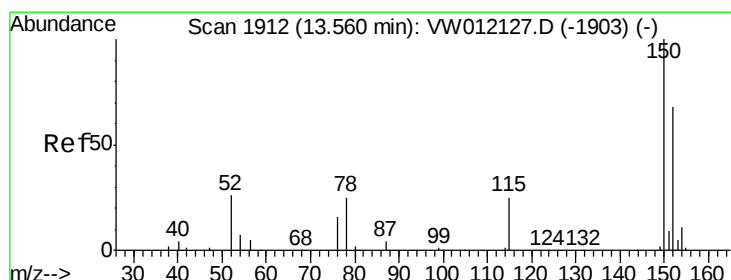
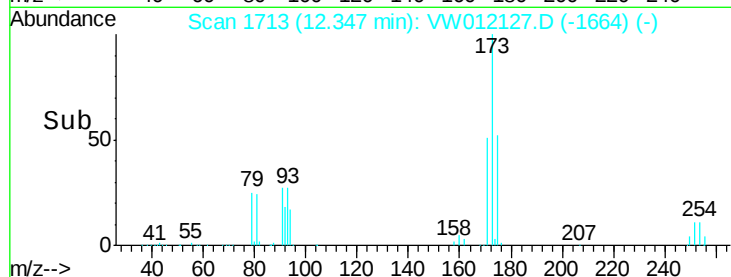
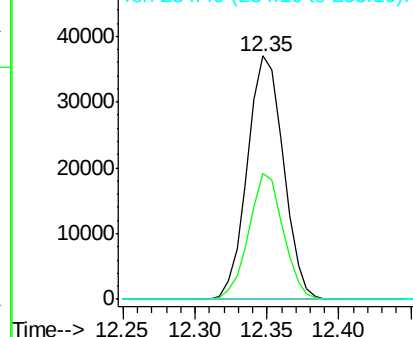
Tot Ion:	173	Resp:	64051
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.6	74.0
254	0.2	0.2	0.2

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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

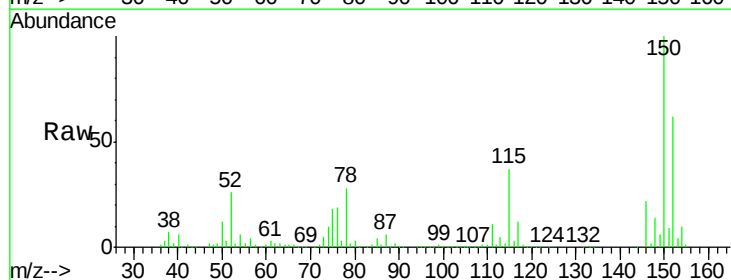
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

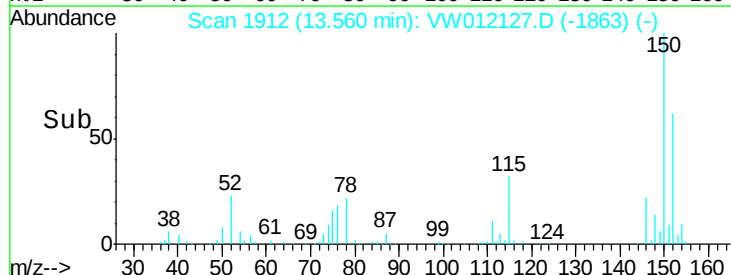
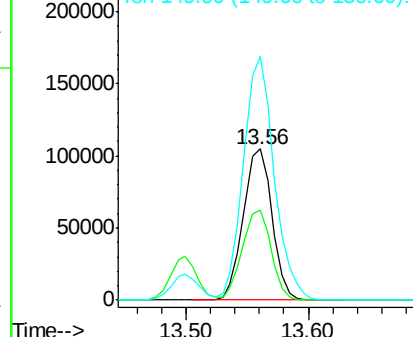
Lab File: VW012127.D

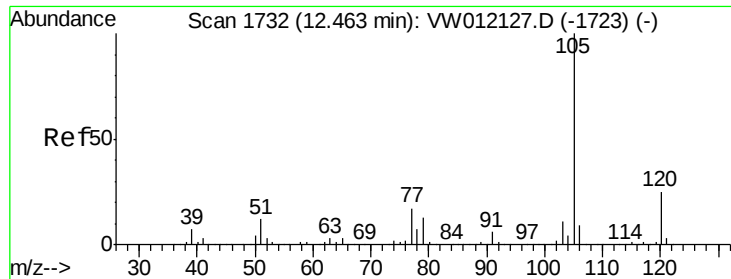
Acq: 23 Aug 2019 11:03

Tgt Ion:	152	Resp:	170983
Ion Ratio	Lower	Upper	
152	100		
115	60.2	30.1	90.3
150	172.9	0.0	345.8



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: 52.905 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 677819

Ion Ratio Lower Upper

105 100

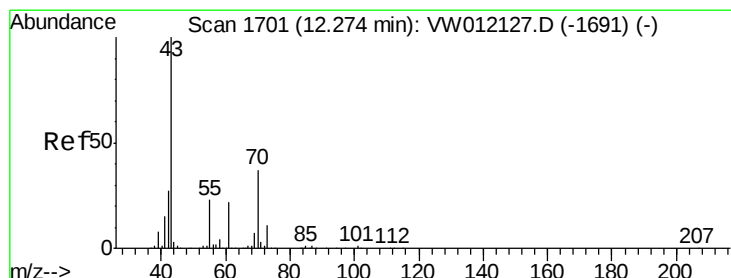
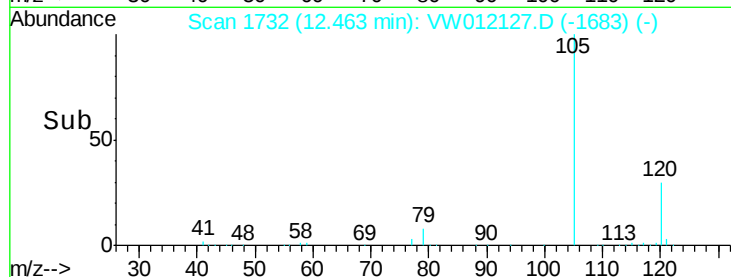
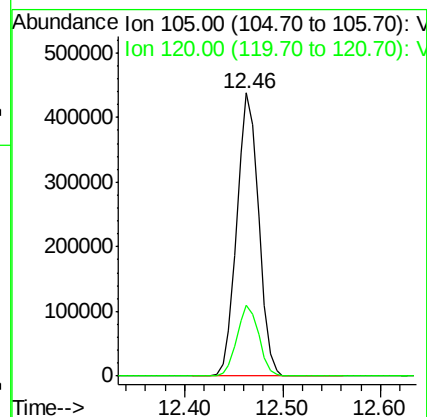
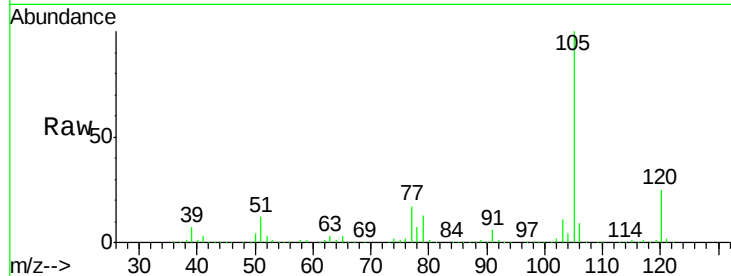
120 25.0 12.5 37.5

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#74

N-ethyl acetate

Concen: 54.221 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Tgt Ion: 43 Resp: 209881

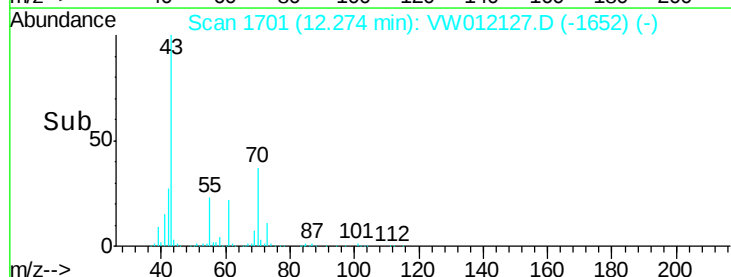
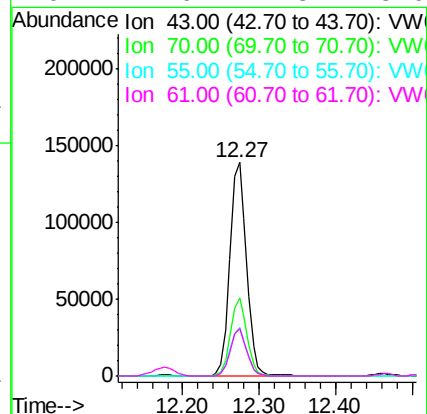
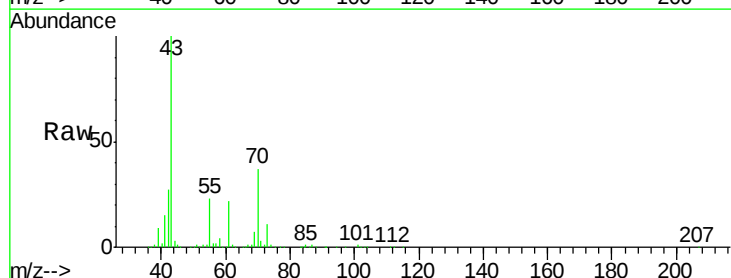
Ion Ratio Lower Upper

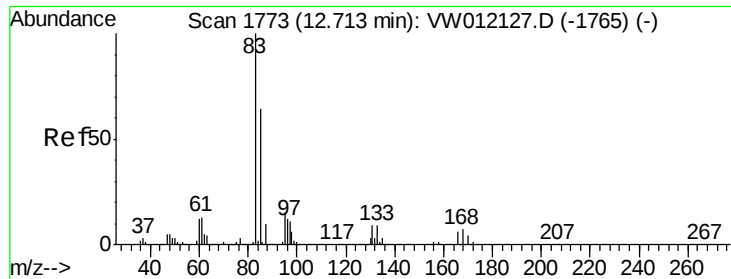
43 100

70 35.8 28.6 43.0

55 22.2 17.8 26.6

61 21.6 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.853 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

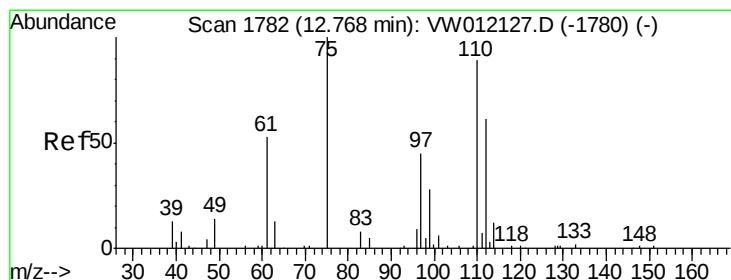
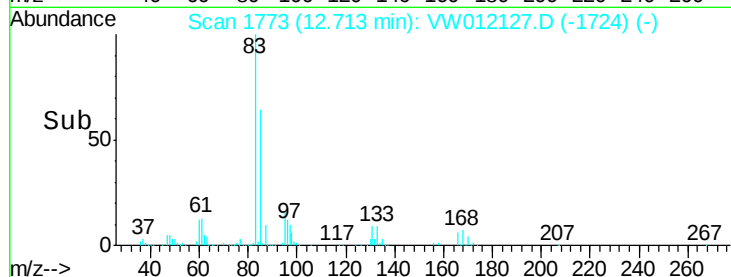
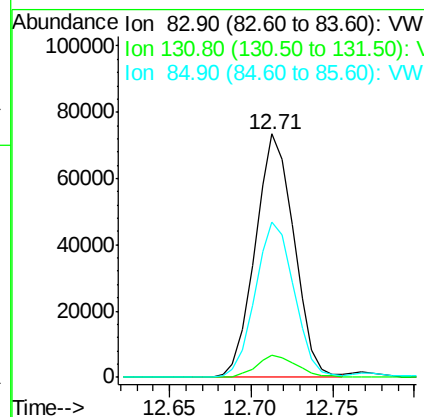
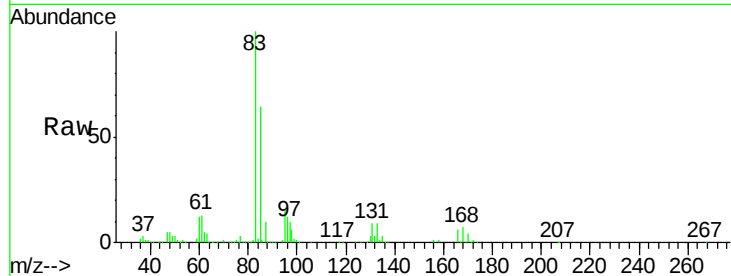
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	121793
Ion Ratio		Lower	Upper
83	100		
131	9.8	4.9	14.7
85	63.8	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 52.076 ug/l m

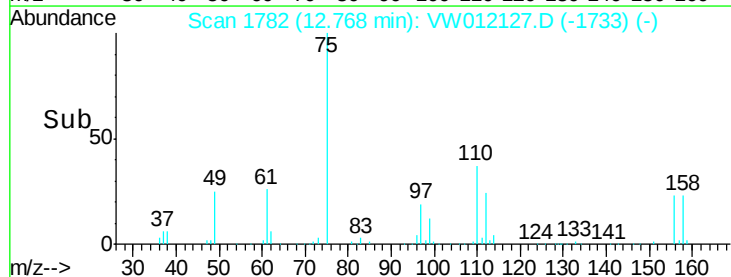
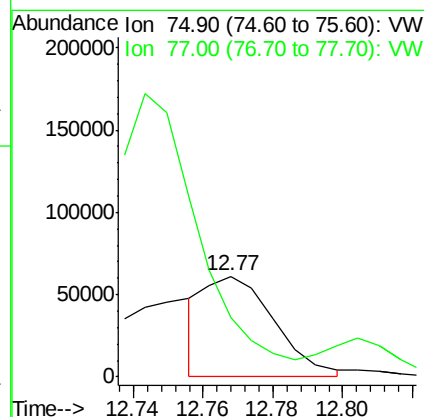
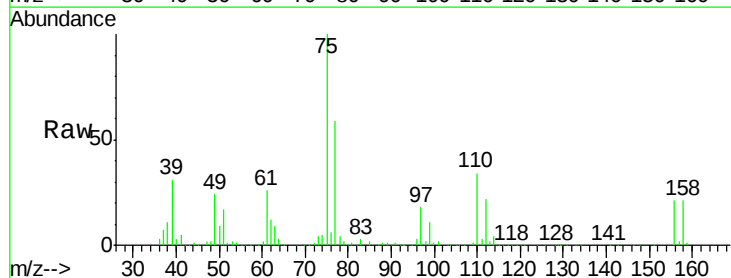
RT: 12.77 min Scan# 1782

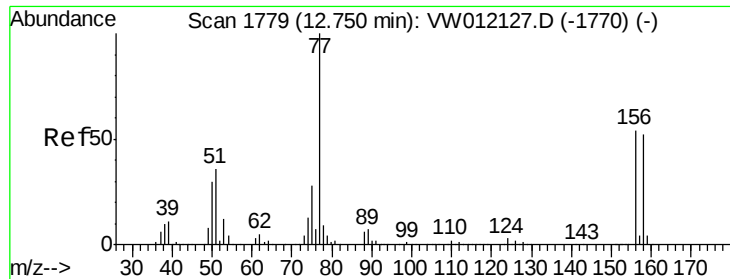
Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Tgt Ion:	75	Resp:	85796
Ion Ratio		Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.840 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 143688

Ion Ratio Lower Upper

156 100

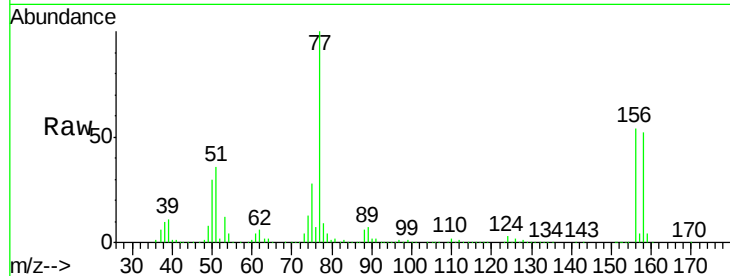
77 214.5 107.3 321.8

158 98.0 49.0 147.0

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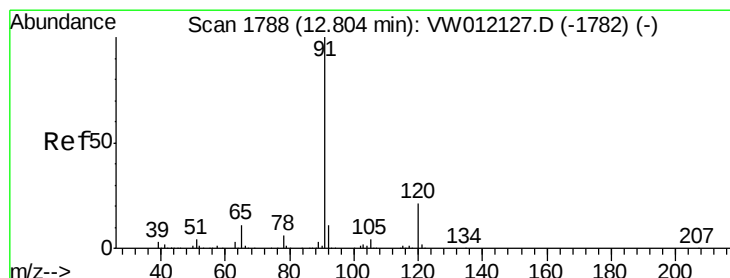
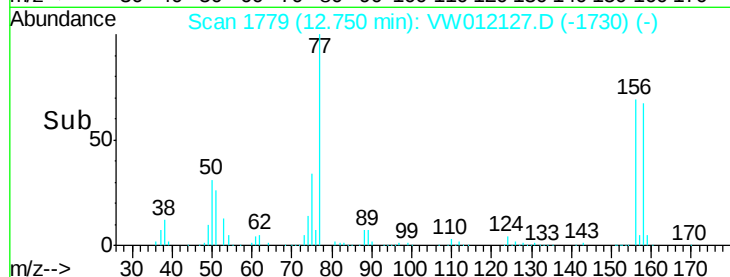
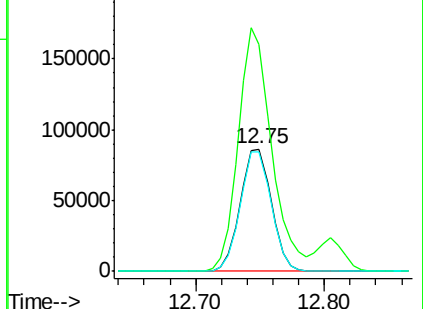
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.066 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW012127.D

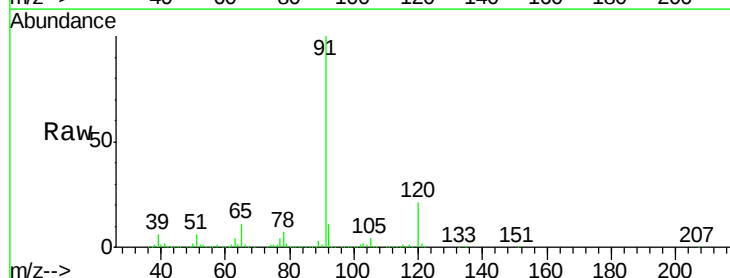
Acq: 23 Aug 2019 11:03

Tgt Ion: 91 Resp: 829999

Ion Ratio Lower Upper

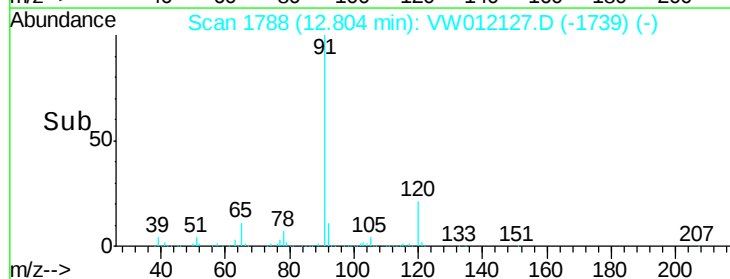
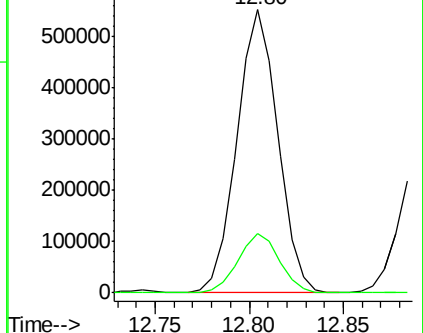
91 100

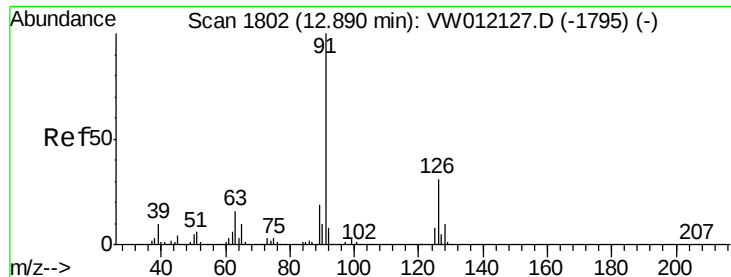
120 21.1 10.5 31.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.371 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW012127.D

Acq: 23 Aug 2019 11:03

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 465058

Ion Ratio Lower Upper

91 100

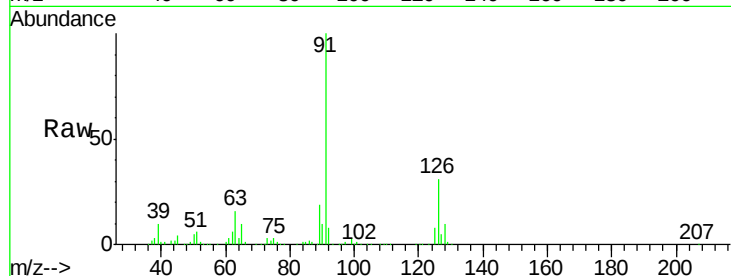
126 31.3 15.7 47.0

Manual Integrations

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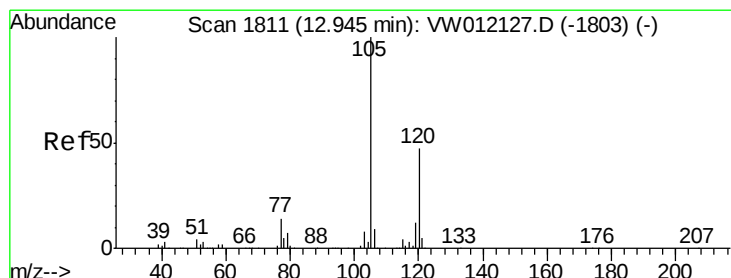
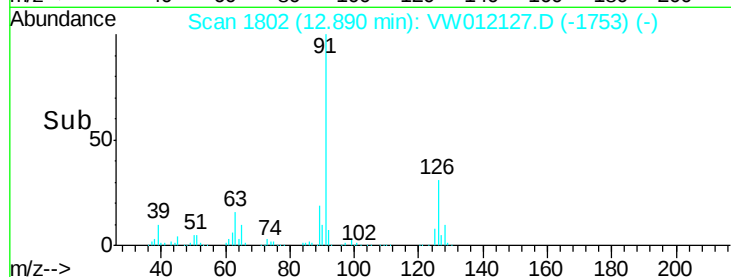
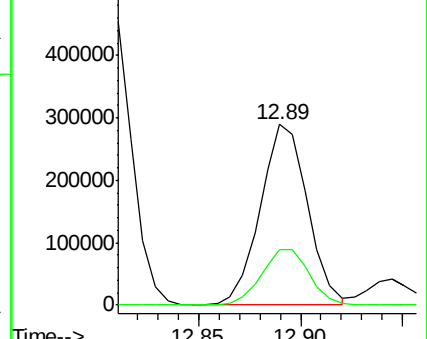
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.064 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW012127.D

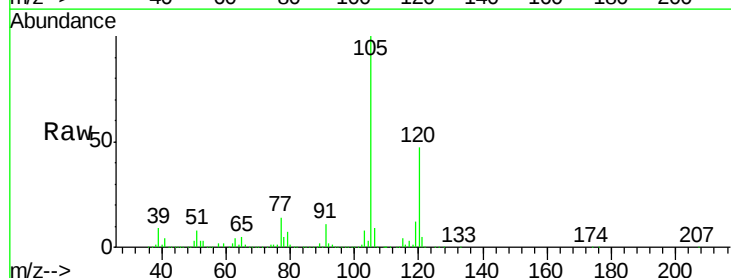
Acq: 23 Aug 2019 11:03

Tgt Ion: 105 Resp: 568089

Ion Ratio Lower Upper

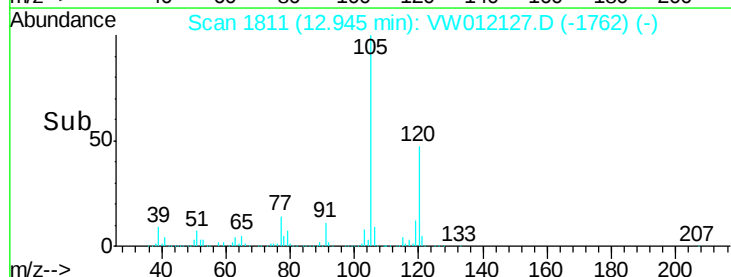
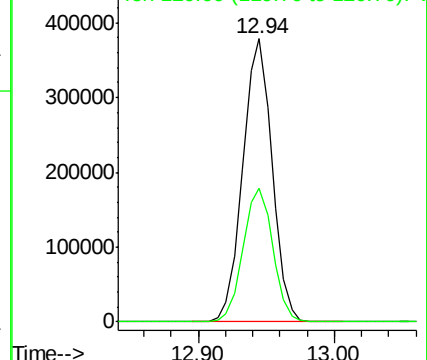
105 100

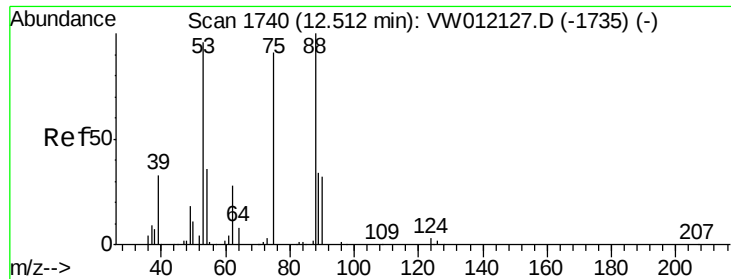
120 48.0 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





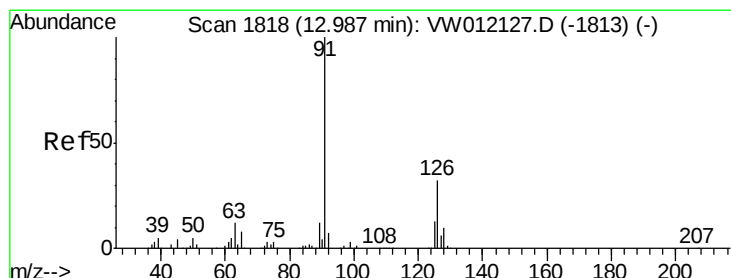
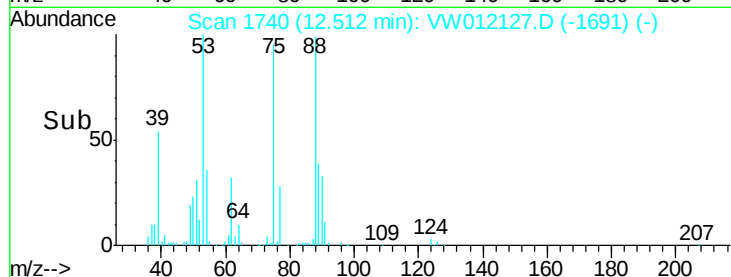
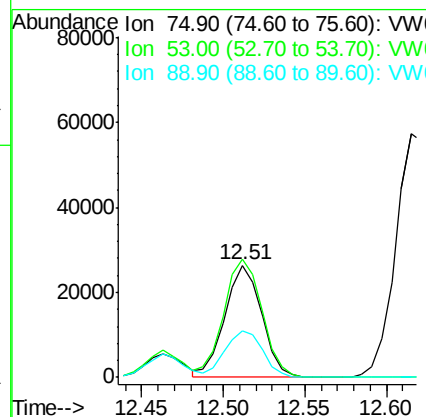
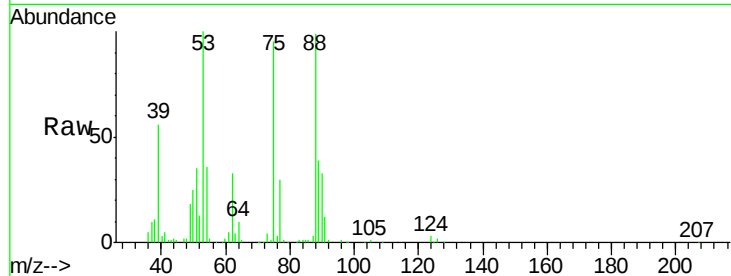
#81
trans-1,4-Dichloro-2-butene
Concen: 54.020 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.7	89.4	134.0
89	43.1	34.5	51.7

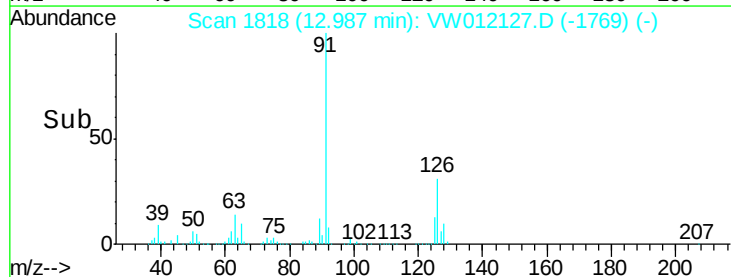
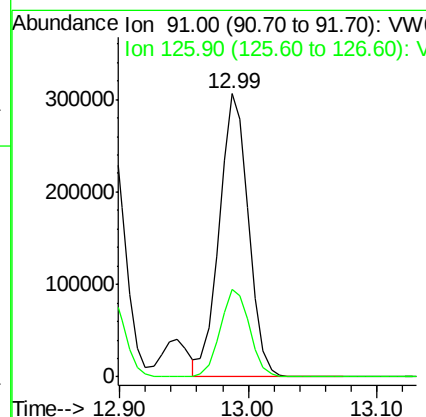
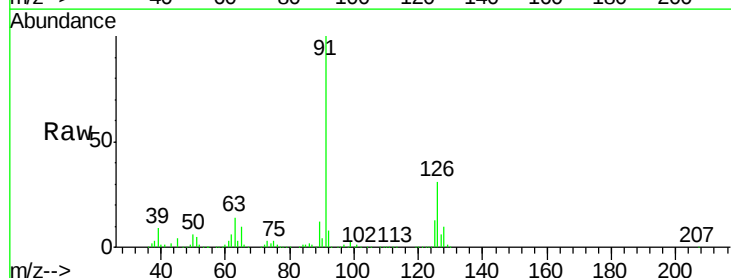
Manual Integrations
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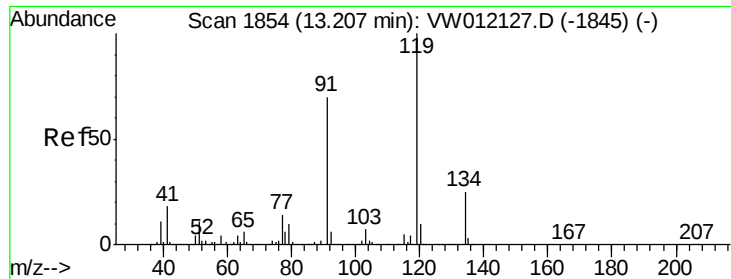
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#82
4-Chlorotoluene
Concen: 52.282 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.2	15.6	46.8





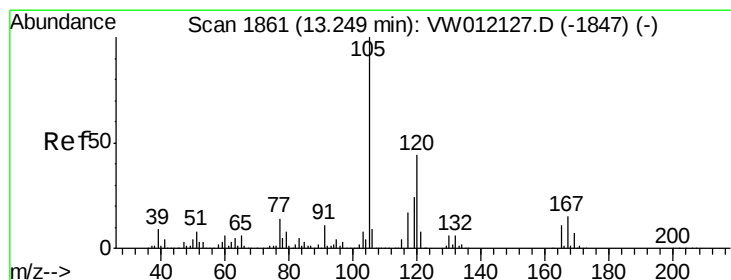
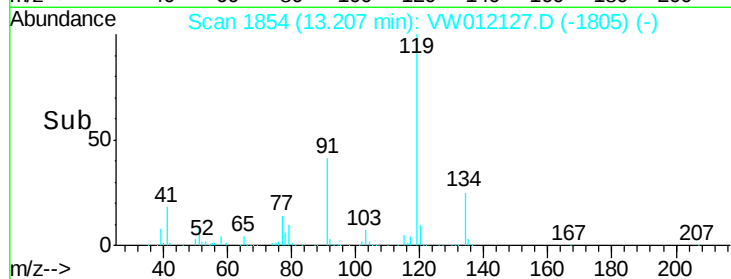
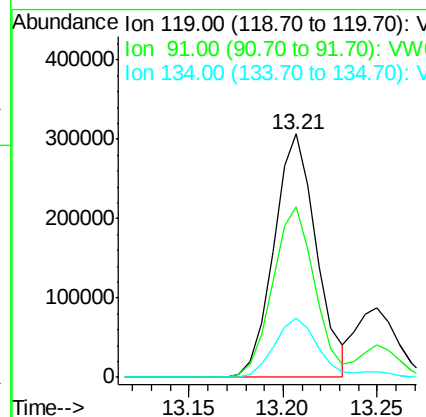
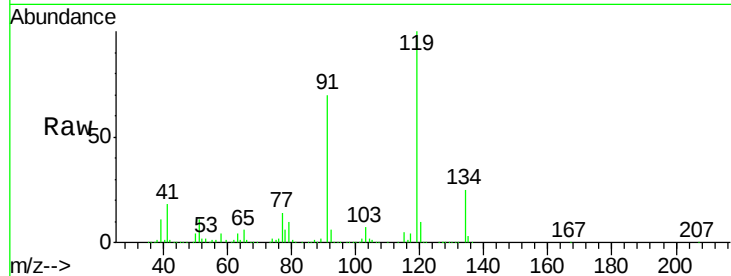
#83
tert-Butylbenzene
Concen: 52.772 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	478572		
91	69.5	34.8	104.3	
134	26.5	13.3	39.8	

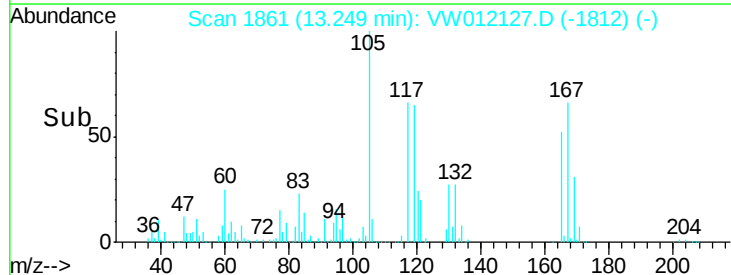
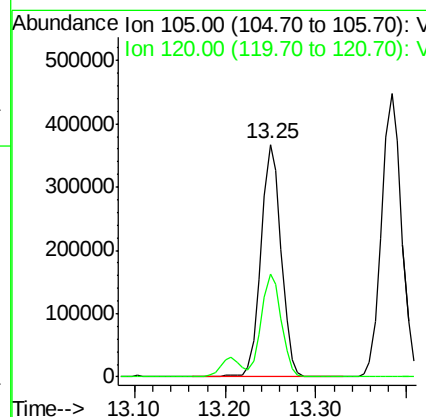
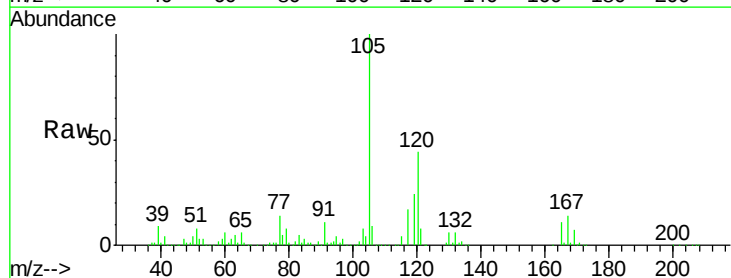
Manual Integrations
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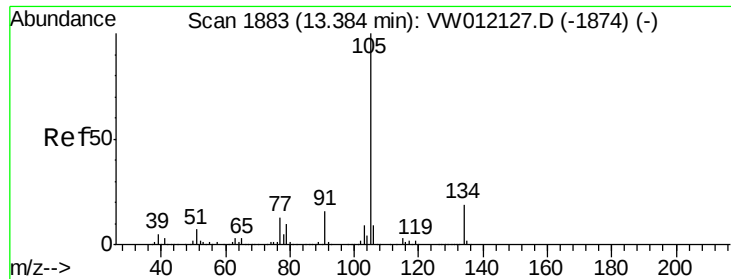
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#84
1,2,4-Trimethylbenzene
Concen: 52.695 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	566688		
120	43.8	21.9	65.7	





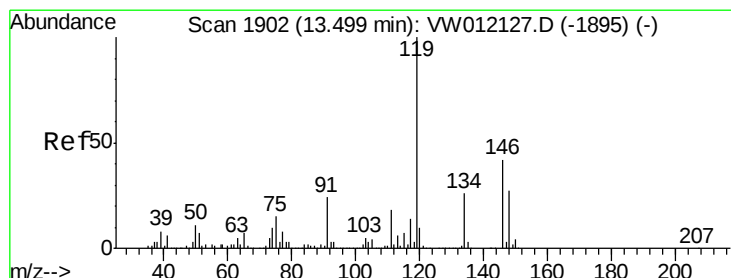
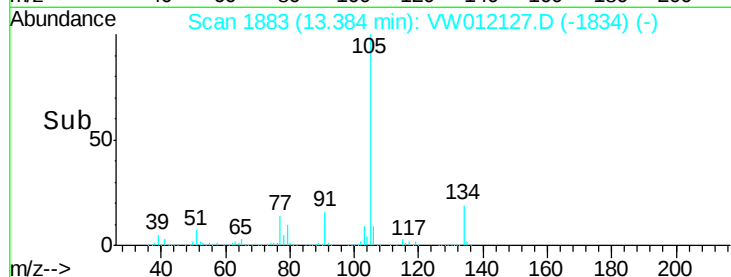
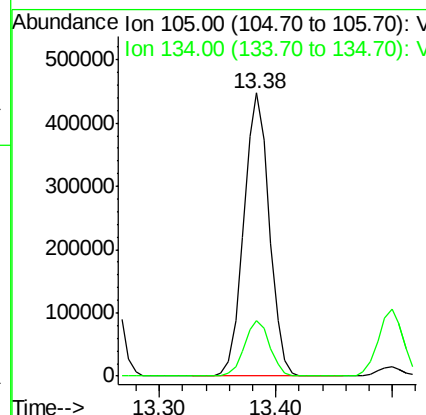
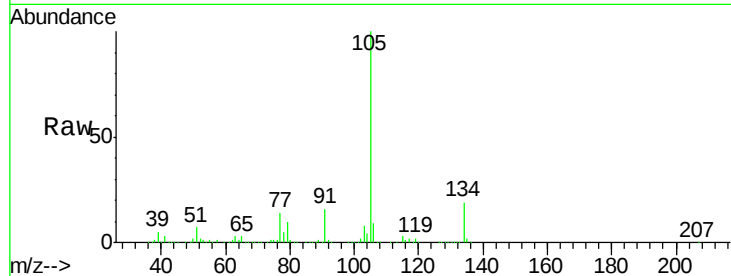
#85
 sec-Butylbenzene
 Concen: 52.538 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	682599		
134	19.6	9.8	29.4	

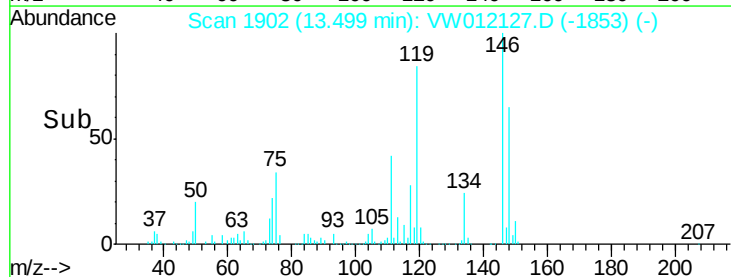
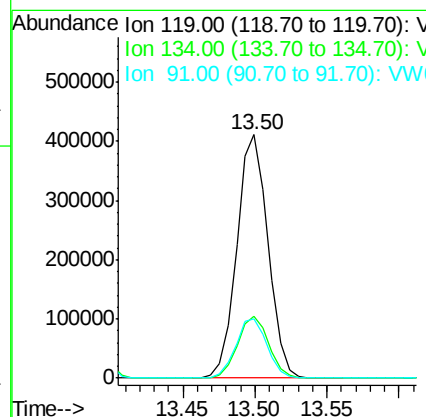
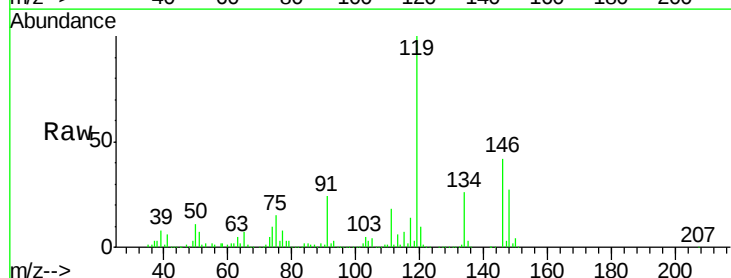
Manual Integrations
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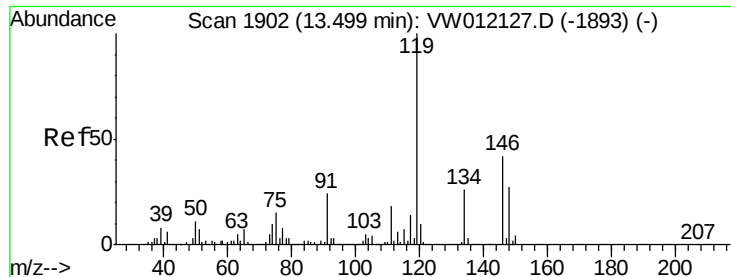
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#86
 p-Isopropyltoluene
 Concen: 53.221 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	617524		
134	25.5	12.8	38.3	
91	24.6	12.3	36.9	





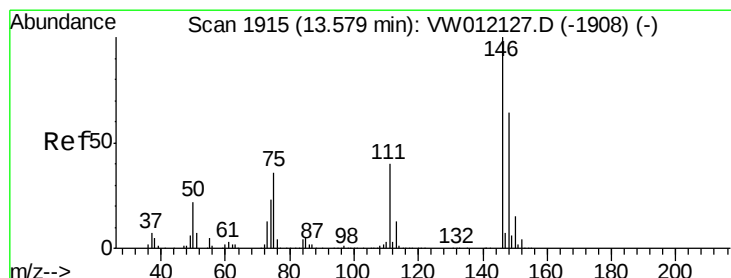
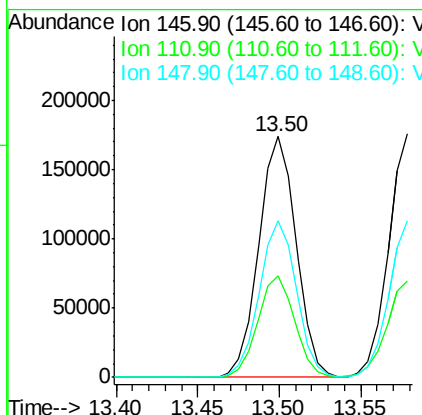
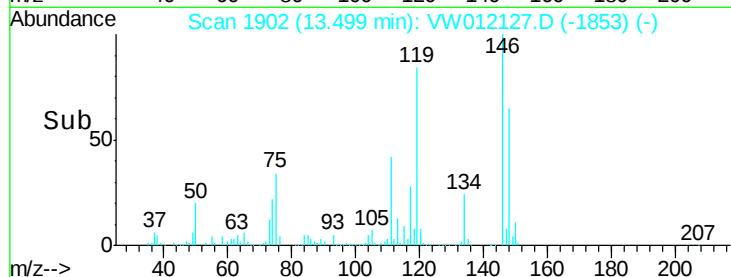
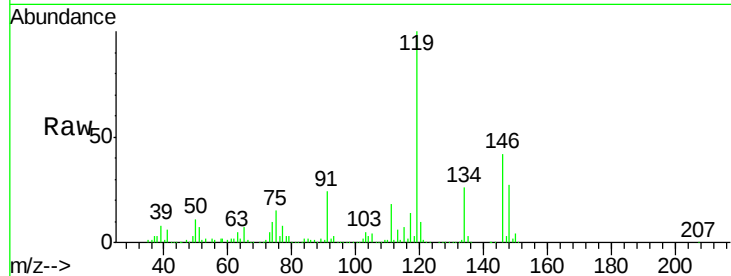
#87
 1,3-Dichlorobenzene
 Concen: 51.155 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	277333		
111	41.8	20.9	62.7	
148	64.4	32.2	96.6	

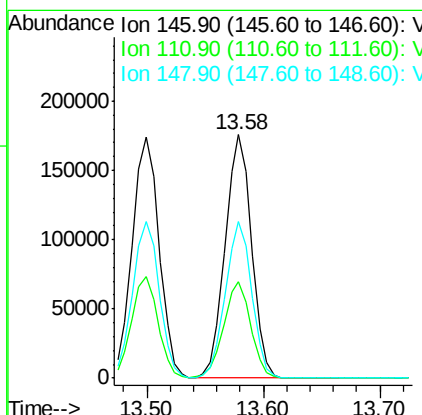
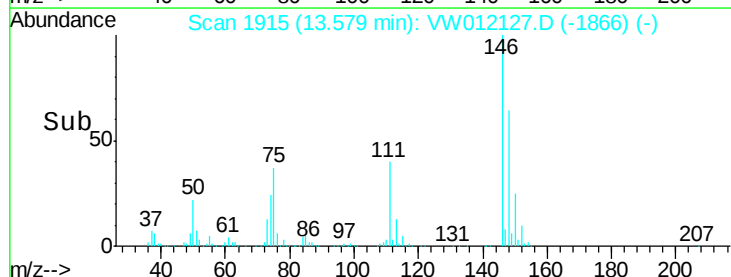
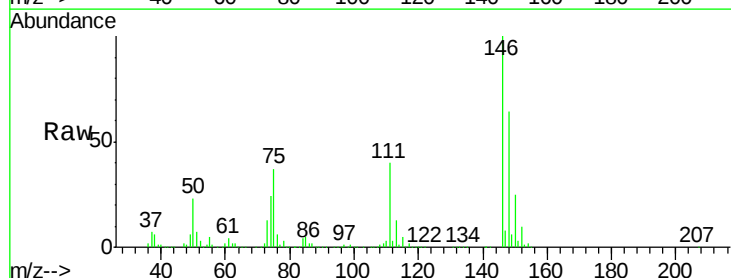
Manual Integrations
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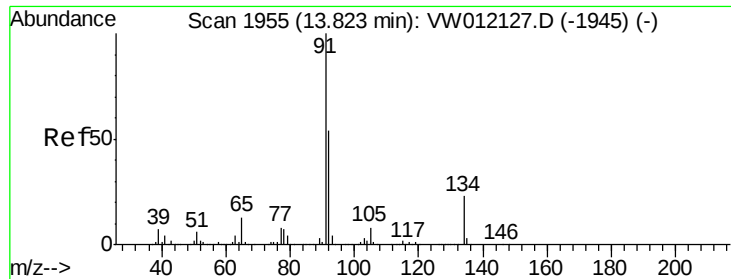
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#88
 1,4-Dichlorobenzene
 Concen: 51.435 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	276878		
111	40.0	20.0	60.0	
148	64.2	32.1	96.3	





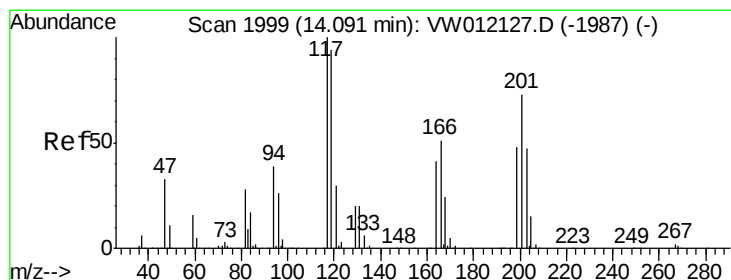
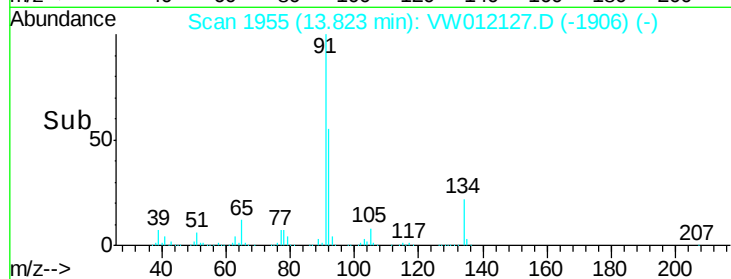
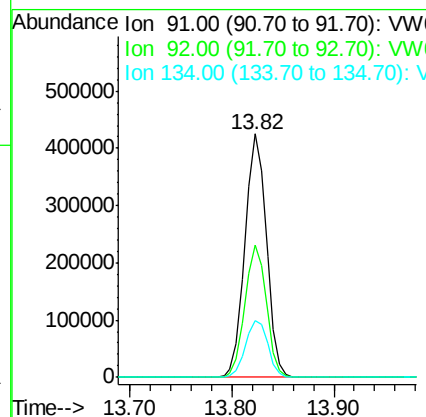
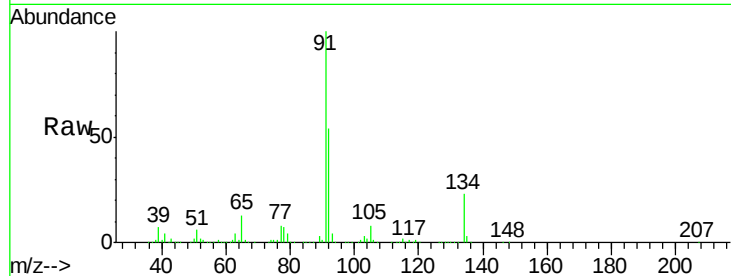
#89
n-Butylbenzene
Concen: 53.614 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.1	27.1	81.2	
134	24.3	12.2	36.4	

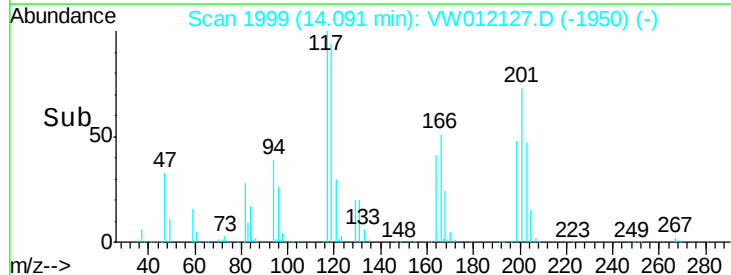
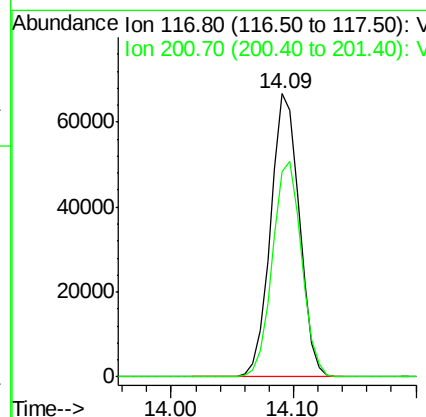
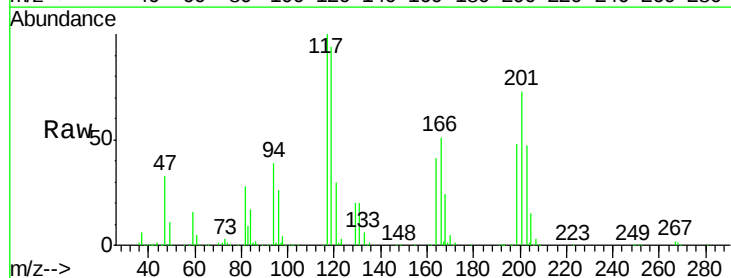
Manual Integrations
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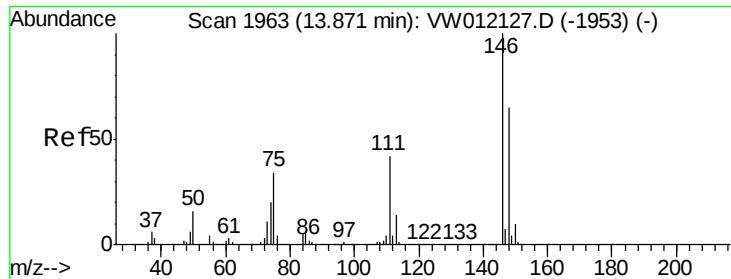
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#90
Hexachloroethane
Concen: 53.398 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	77.1	38.6	115.7	





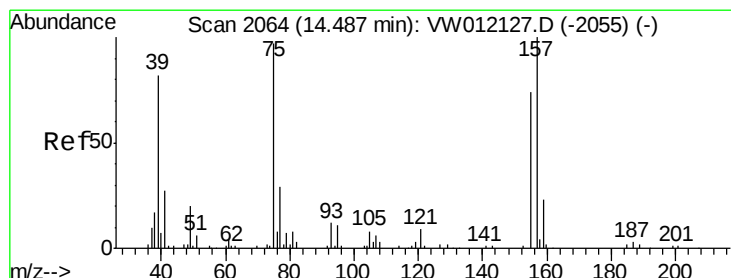
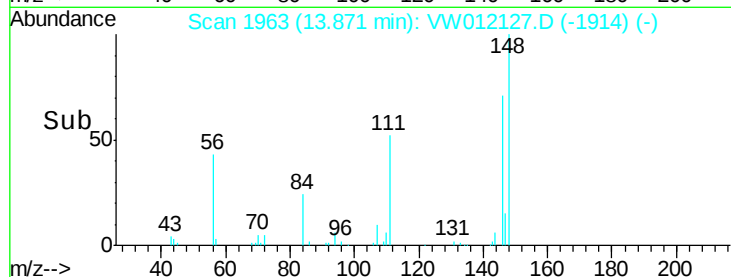
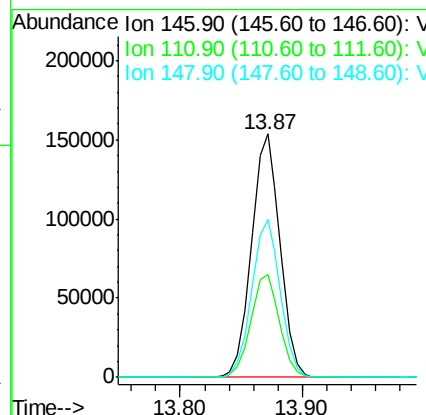
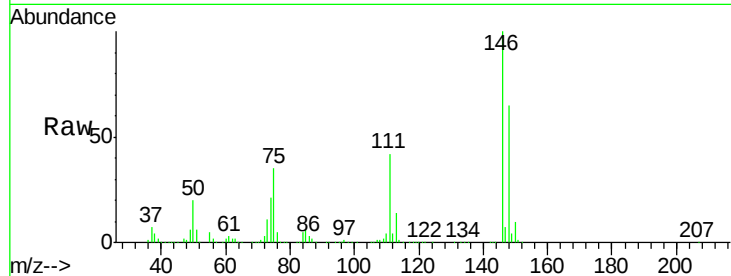
#91
 1,2-Dichlorobenzene
 Concen: 52.303 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.2	63.6
148	64.9	32.5	97.4

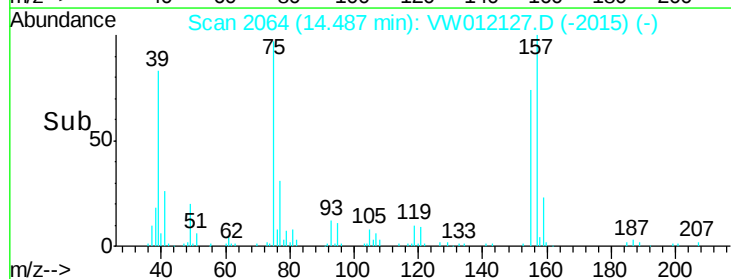
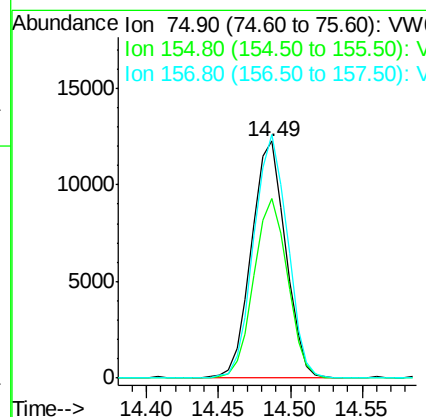
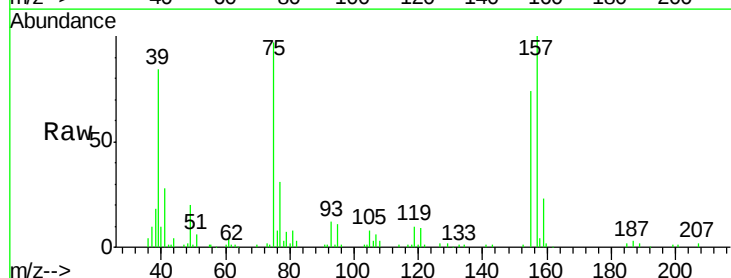
Manual Integrations
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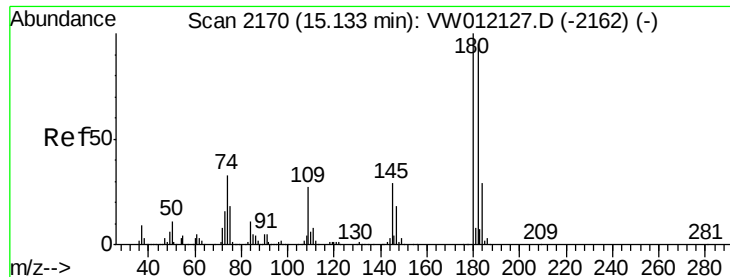
MMDadoda
 8/26/2019 11:39:06 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.713 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.9	37.5	112.3
157	101.0	50.5	151.5





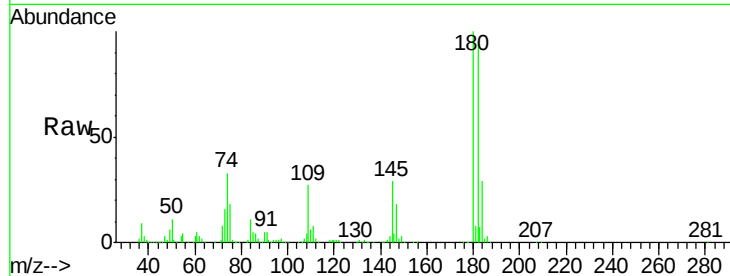
#93
 1,2,4-Trichlorobenzene
 Concen: 53.650 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

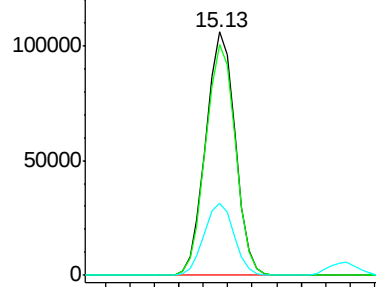
Tot Ion	Ratio	Resp	Lower	Upper
180	100	176330		
182	95.6	47.8	143.4	
145	30.1	15.0	45.1	

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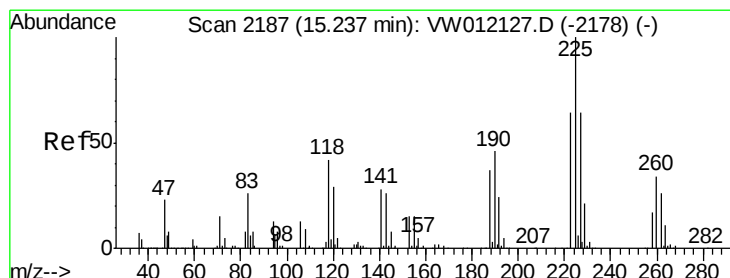
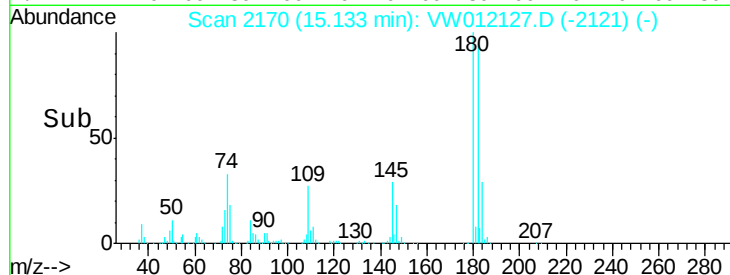
MMDadoda
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Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

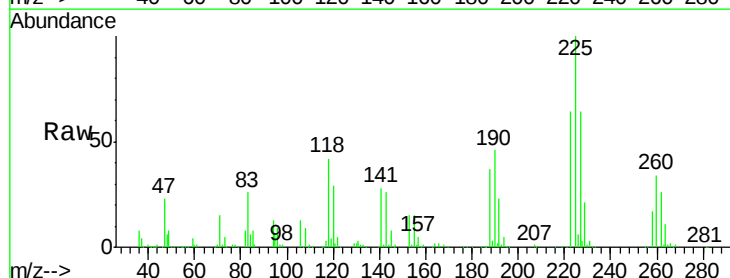


Time-->

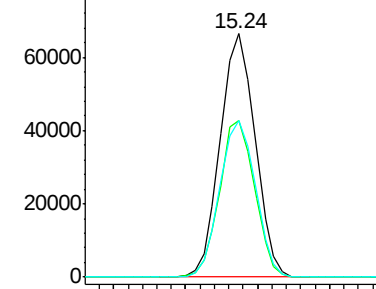


#94
 Hexachlorobutadiene
 Concen: 51.411 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW012127.D
 Acq: 23 Aug 2019 11:03

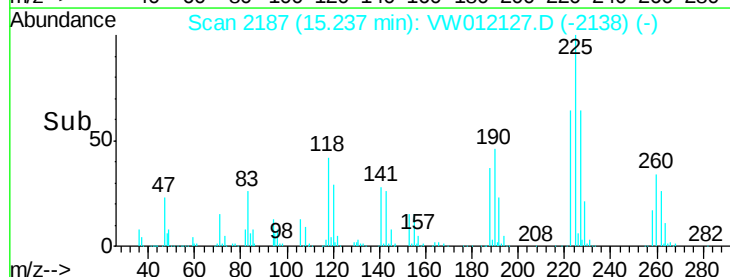
Tgt Ion	Ratio	Resp	Lower	Upper
225	100	111571		
223	64.5	32.3	96.8	
227	65.7	32.9	98.6	

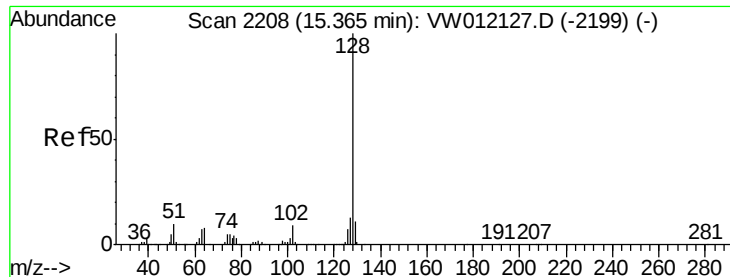


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





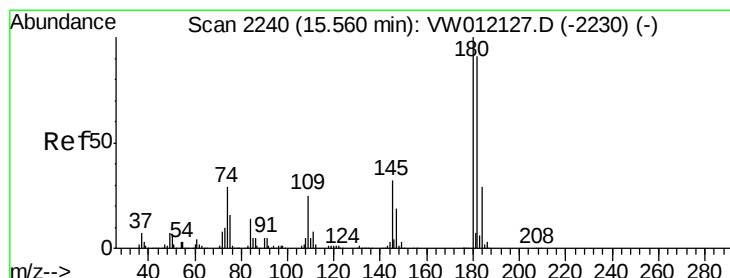
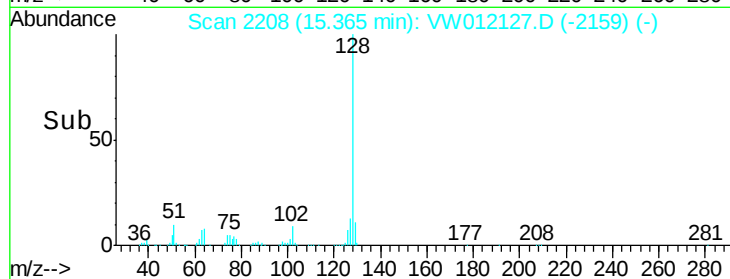
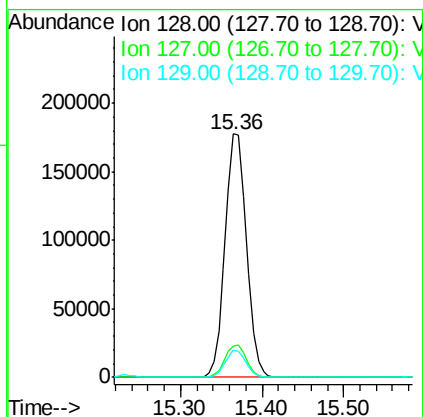
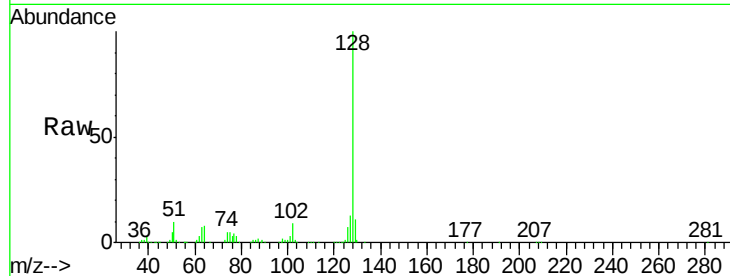
#95
Naphthalene
Concen: 55.860 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.812 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW012127.D
Acq: 23 Aug 2019 11:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.3
145	32.3	16.2	48.5

