

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060419\
 Data File : VW010679.D
 Acq On : 04 Jun 2019 16:35
 Operator : SY/VA
 Sample : VSTDIC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 3:05:11 PM

Quant Time: Jun 05 03:22:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 02:25:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	411342	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	465820	159.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.16%	
35) Dibromofluoromethane	7.88	113	379323	169.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	339.80%	
50) Toluene-d8	10.32	98	1541752	157.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	314.94%	
62) 4-Bromofluorobenzene	12.62	95	575688	161.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	339983	148.094	ug/l	98
3) Chloromethane	2.22	50	521204	154.311	ug/l	98
4) Vinyl Chloride	2.36	62	483848	155.049	ug/l	98
5) Bromomethane	2.73	94	241598	140.982	ug/l	99
6) Chloroethane	2.89	64	270407	144.359	ug/l	99
7) Trichlorofluoromethane	3.25	101	620104	153.079	ug/l	98
8) Diethyl Ether	3.68	74	229016	158.198	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	384585	154.420	ug/l	98
10) Methyl Iodide	4.27	142	420778	191.313	ug/l	99
11) Tert butyl alcohol	5.17	59	192135	805.430	ug/l	100
12) 1,1-Dichloroethene	4.03	96	376086	156.541	ug/l	99
13) Acrolein	3.90	56	62334	639.460	ug/l	98
14) Allyl chloride	4.67	41	862979	162.909	ug/l	99
15) Acrylonitrile	5.37	53	563951	801.874	ug/l	99
16) Acetone	4.12	43	631649	805.067	ug/l	99
17) Carbon Disulfide	4.37	76	1246935	163.500	ug/l	99
18) Methyl Acetate	4.67	43	273925	162.190	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	1099987	158.750	ug/l	99
20) Methylene Chloride	4.92	84	421726	153.220	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	426780	156.484	ug/l	100
22) Diisopropyl ether	6.31	45	1680591	158.467	ug/l	100
23) Vinyl Acetate	6.26	43	5100855	796.977	ug/l	99
24) 1,1-Dichloroethane	6.21	63	846254	159.227	ug/l	99
25) 2-Butanone	7.17	43	867935	797.776	ug/l	99
26) 2,2-Dichloropropane	7.17	77	679512	157.120	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	476646	158.807	ug/l	99
28) Bromochloromethane	7.51	49	360888	152.155	ug/l	99
29) Tetrahydrofuran	7.53	42	540919	790.459	ug/l	99
30) Chloroform	7.68	83	766115	157.596	ug/l	99
31) Cyclohexane	7.95	56	852244	144.252	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	675370	159.042	ug/l	99
36) 1,1-Dichloropropene	8.08	75	643299	152.782	ug/l	99
37) Ethyl Acetate	7.25	43	365645	156.711	ug/l	99
38) Carbon Tetrachloride	8.07	117	572343	157.463	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	824957	154.124	ug/l	100
40) Benzene	8.32	78	1774004	154.441	ug/l	99
41) Methacrylonitrile	7.48	41	217375	156.737	ug/l	99
42) 1,2-Dichloroethane	8.40	62	562021	154.163	ug/l	100
43) Isopropyl Acetate	8.43	43	715438	158.715	ug/l	100
44) Trichloroethene	9.09	130	438106	154.618	ug/l	99
45) 1,2-Dichloropropane	9.37	63	475854	156.496	ug/l	98
46) Dibromomethane	9.46	93	220435	156.081	ug/l	100
47) Bromodichloromethane	9.65	83	598731	163.545	ug/l	98
48) Methyl methacrylate	9.44	41	352921	162.385	ug/l	99
49) 1,4-Dioxane	9.45	88	73829	3343.583	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1817691	789.324	ug/l	99
52) Toluene	10.39	92	1099000	155.501	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	641235	165.367	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	744316	163.124	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	316934	155.774	ug/l	99
56) Ethyl methacrylate	10.65	69	505453	161.452	ug/l	98
57) 1,3-Dichloropropane	10.93	76	596911	155.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1270256	774.652	ug/l	99
59) 2-Hexanone	10.97	43	1346340	808.944	ug/l	100
60) Dibromochloromethane	11.13	129	373682	165.684	ug/l	99
61) 1,2-Dibromoethane	11.24	107	303811	157.604	ug/l	99
64) Tetrachloroethene	10.87	164	375142	150.587	ug/l	98
65) Chlorobenzene	11.66	112	1123423	152.260	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	406707	159.235	ug/l	100
67) Ethyl Benzene	11.73	91	2173853	153.303	ug/l	100
68) m/p-Xylenes	11.84	106	1576881	310.649	ug/l	99
69) o-Xylene	12.17	106	759314	157.721	ug/l	100
70) Styrene	12.18	104	1332972	159.388	ug/l	100
71) Bromoform	12.35	173	222412	168.373	ug/l #	99
73) Isopropylbenzene	12.47	105	2065089	150.265	ug/l	100
74) N-amyl acetate	12.27	43	701833	158.015	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	392959	150.196	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	292089m	111.486	ug/l	
77) Bromobenzene	12.75	156	459242	153.087	ug/l	99
78) n-propylbenzene	12.80	91	2500218	150.875	ug/l	99
79) 2-Chlorotoluene	12.90	91	1432766	151.336	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1726951	153.522	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	139149	166.522	ug/l	95
82) 4-Chlorotoluene	12.99	91	1489704	152.476	ug/l	100
83) tert-Butylbenzene	13.21	119	1469349	153.911	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1744295	154.094	ug/l	99
85) sec-Butylbenzene	13.38	105	2122181	152.678	ug/l	99
86) p-Isopropyltoluene	13.50	119	1943360	156.346	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	894925	154.694	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	884887	154.288	ug/l	99
89) n-Butylbenzene	13.83	91	1949625	157.204	ug/l	99
90) Hexachloroethane	14.10	117	364711	163.842	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	790854	152.012	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	69732	155.210	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	577825	158.269	ug/l	100
94) Hexachlorobutadiene	15.24	225	354920	154.897	ug/l	99
95) Naphthalene	15.37	128	1090477	164.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	492249	158.540	ug/l	98

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

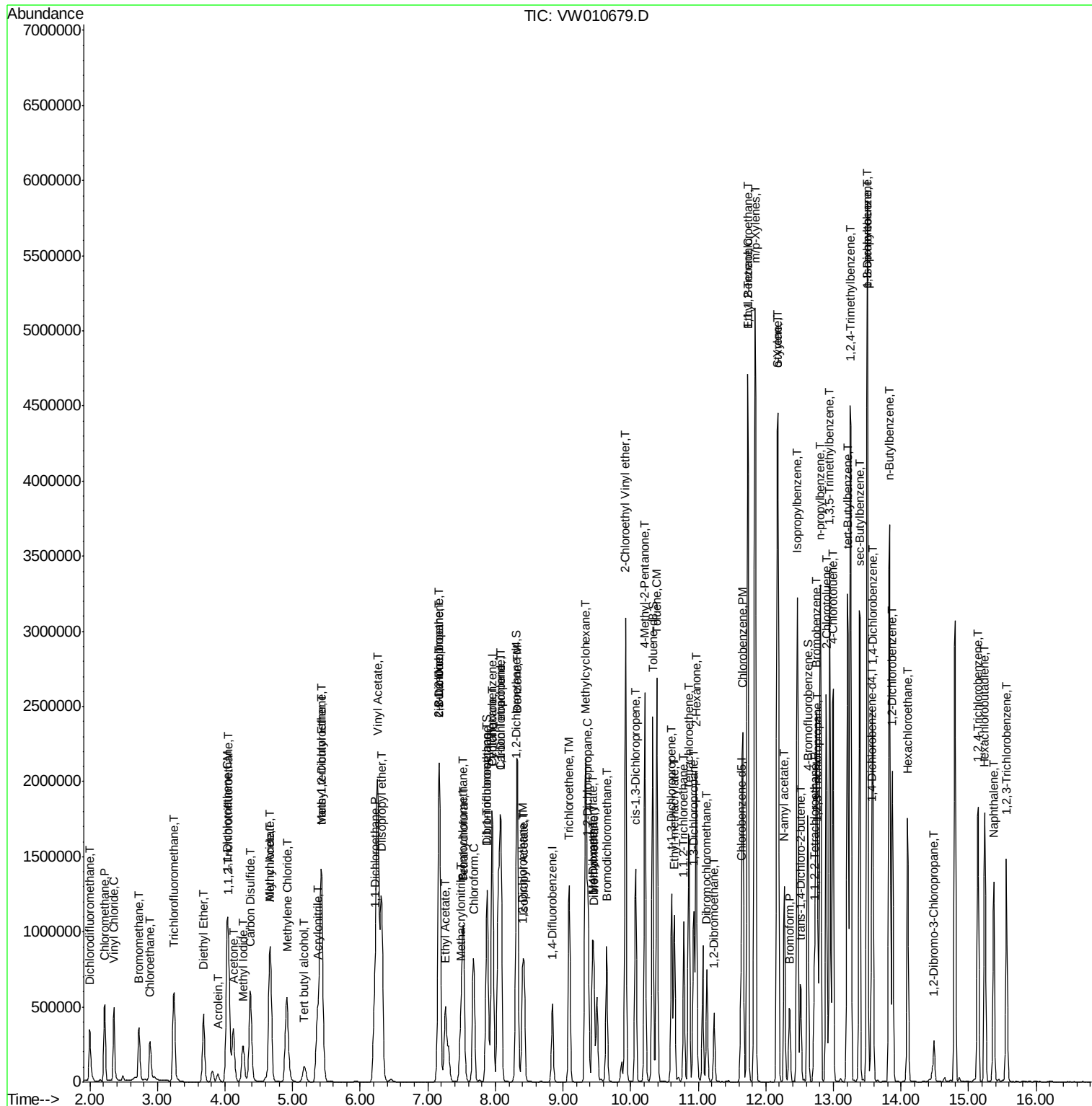
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Data File : VW010679.D
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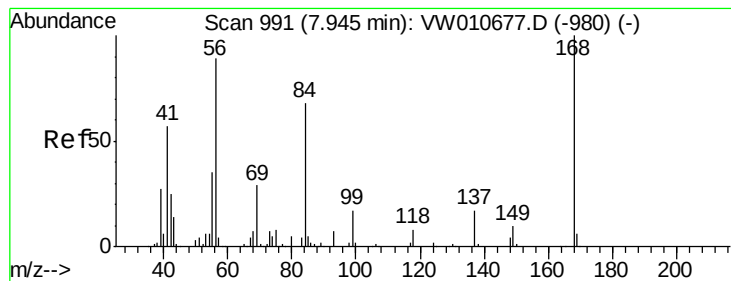
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 248428

Ion Ratio Lower Upper

168 100

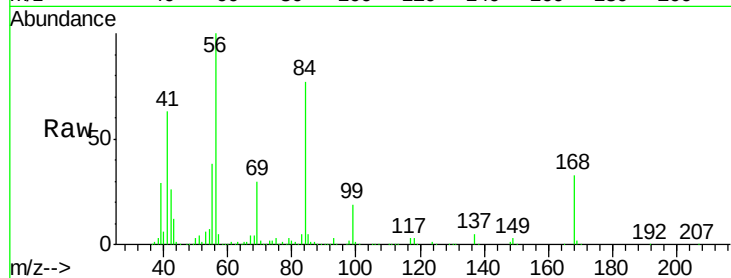
99 57.3 47.7 71.5

Manual Integrations

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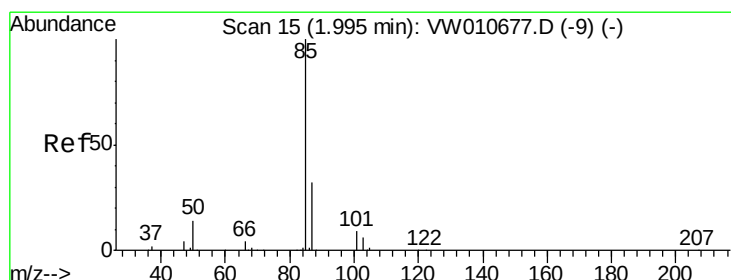
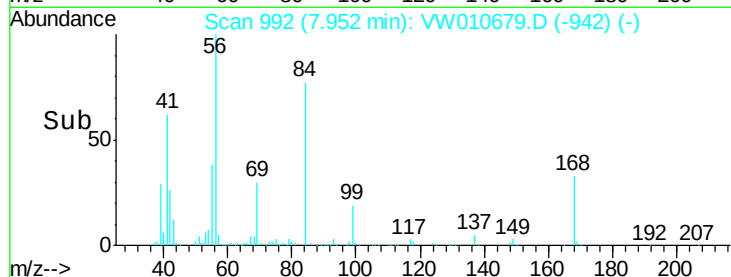
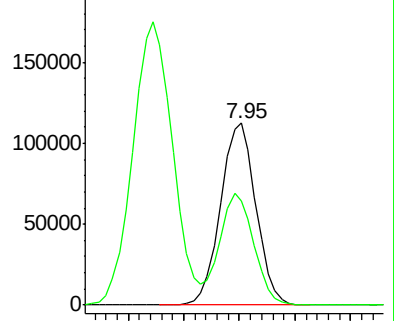
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 148.094 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010679.D

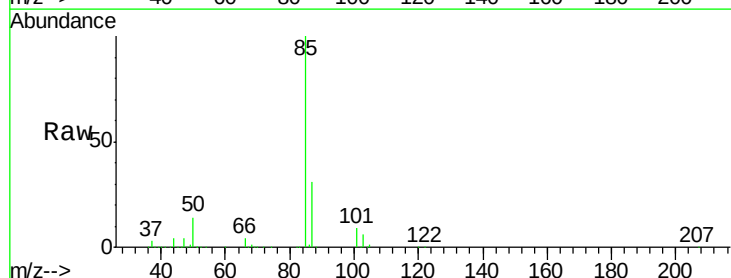
Acq: 04 Jun 2019 16:35

Tgt Ion: 85 Resp: 339983

Ion Ratio Lower Upper

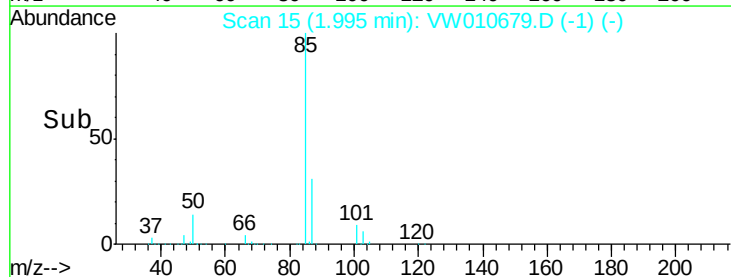
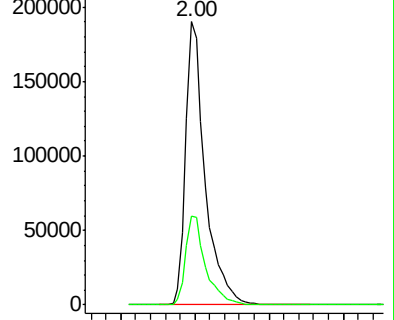
85 100

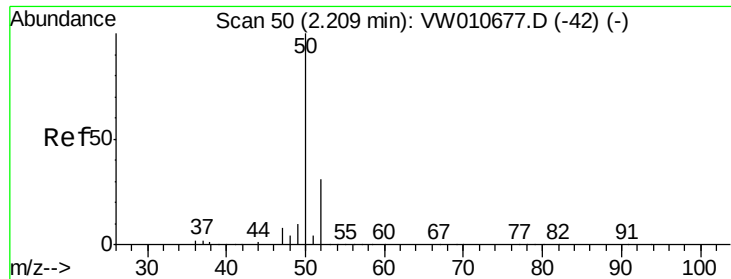
87 31.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 154.311 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 521204

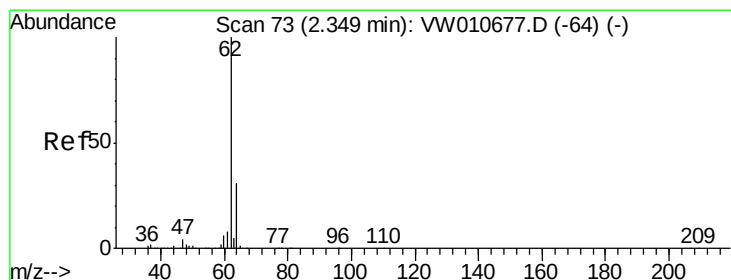
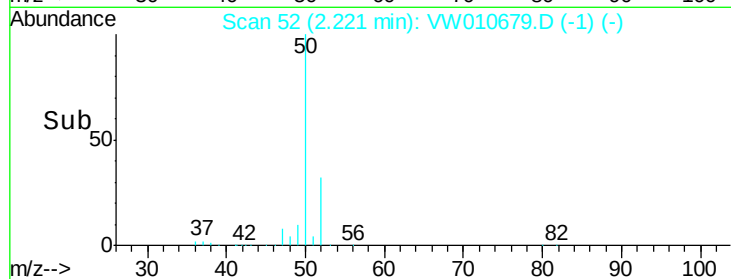
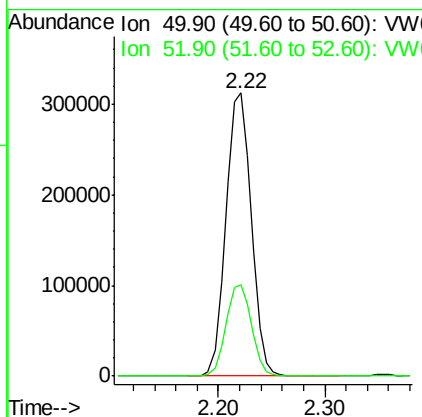
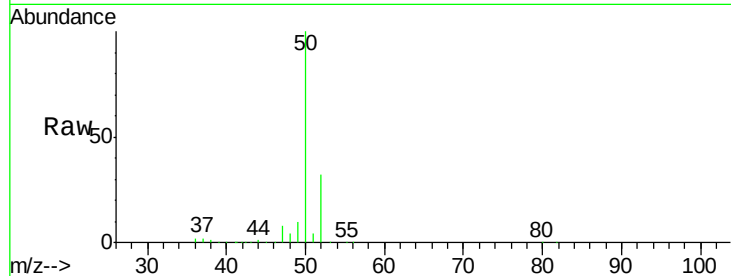
Ion Ratio Lower Upper

50 100

52 32.3 25.2 37.8

Manual Integrations
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#4

Vinyl Chloride

Concen: 155.049 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010679.D

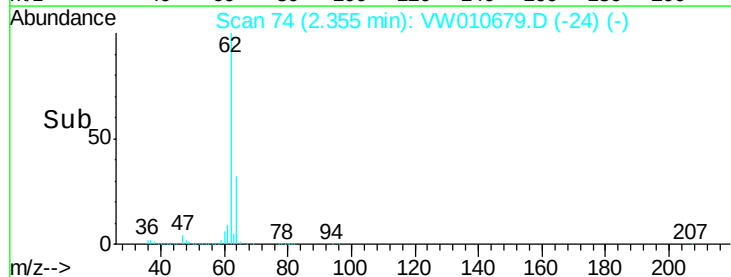
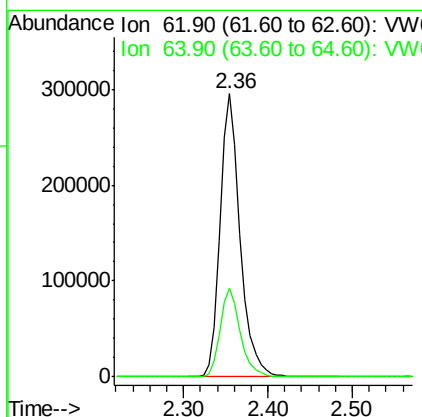
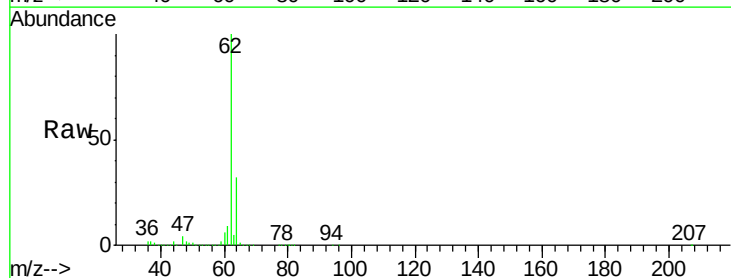
Acq: 04 Jun 2019 16:35

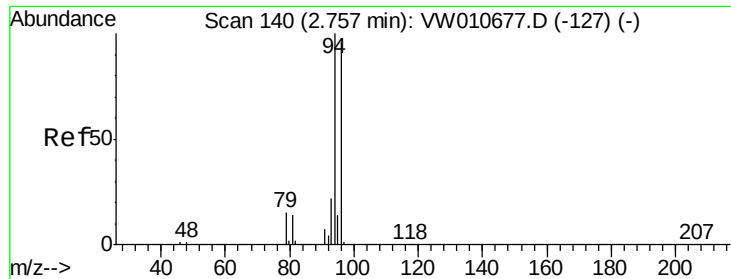
Tgt Ion: 62 Resp: 483848

Ion Ratio Lower Upper

62 100

64 31.6 24.5 36.7





#5

Bromomethane

Concen: 140.982 ug/l

RT: 2.73 min Scan# 135

Delta R.T. -0.03 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 94 Resp: 241598

Ion Ratio Lower Upper

94 100

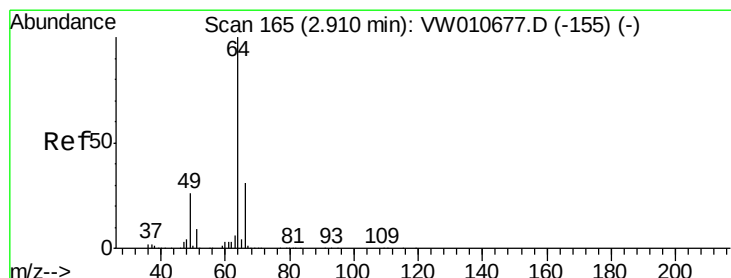
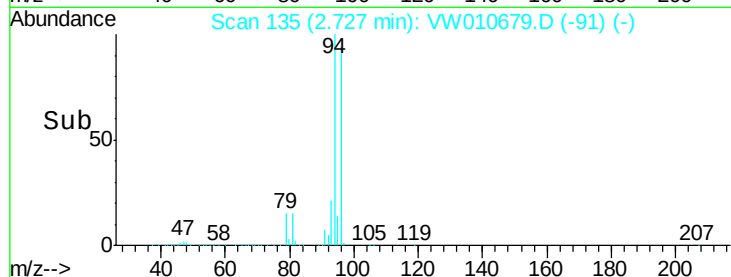
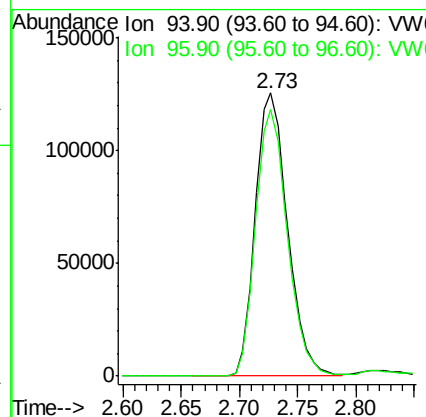
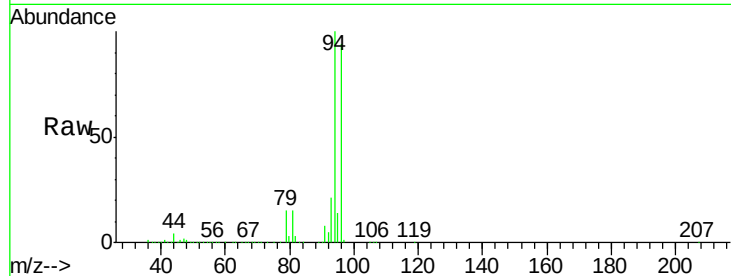
96 94.3 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 144.359 ug/l

RT: 2.89 min Scan# 162

Delta R.T. -0.02 min

Lab File: VW010679.D

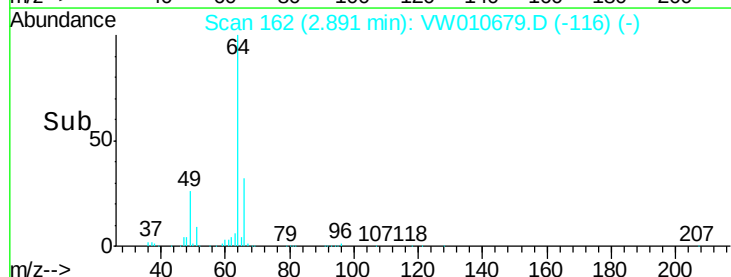
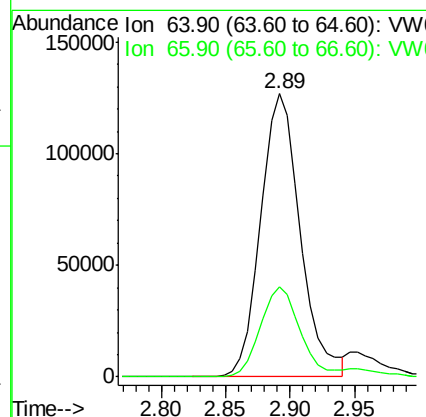
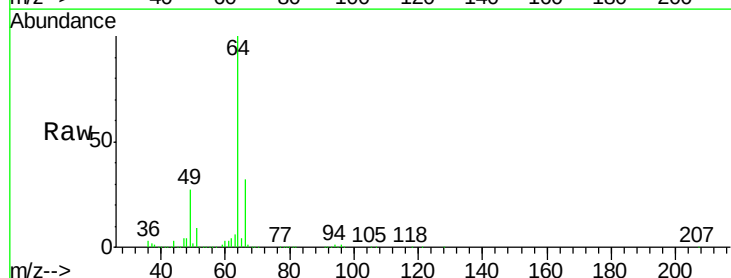
Acq: 04 Jun 2019 16:35

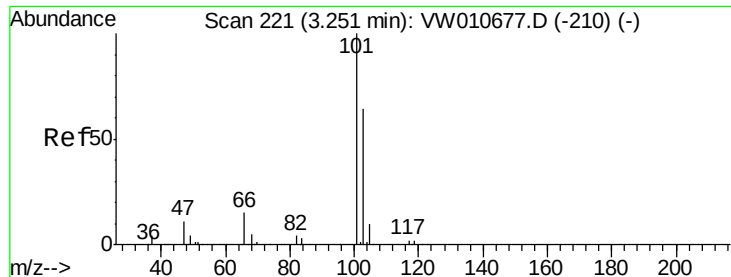
Tgt Ion: 64 Resp: 270407

Ion Ratio Lower Upper

64 100

66 31.9 25.1 37.7





#7

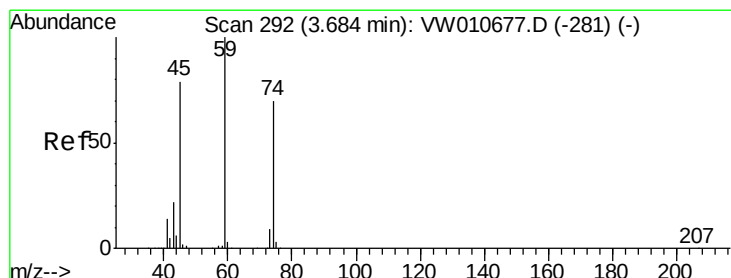
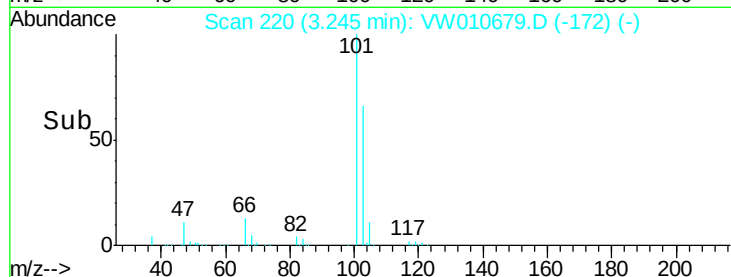
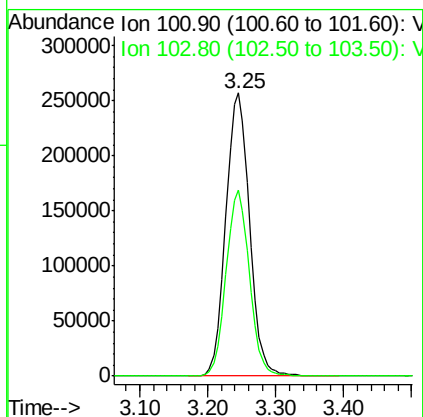
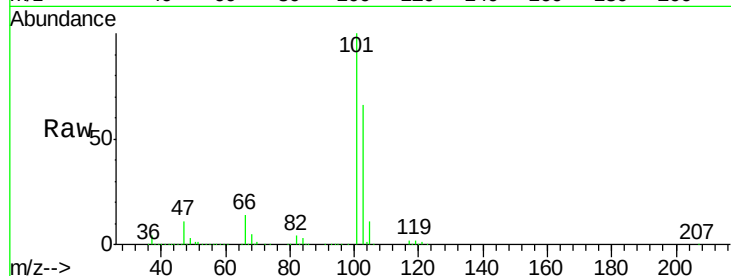
Trichlorofluoromethane
Concen: 153.079 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

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VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
101	100	620104		
103	65.8	51.2	76.8	

Manual Integrations
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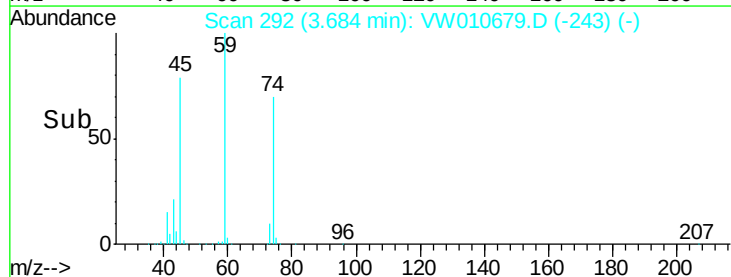
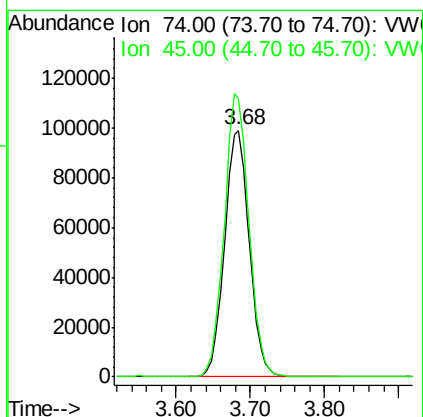
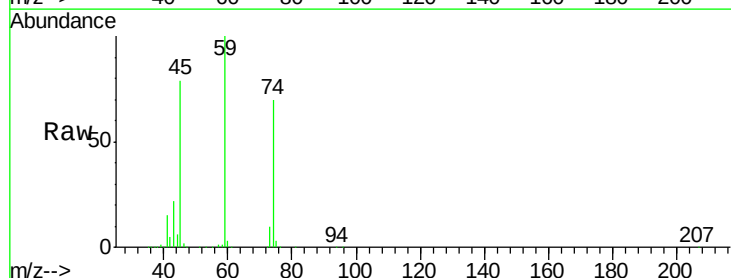
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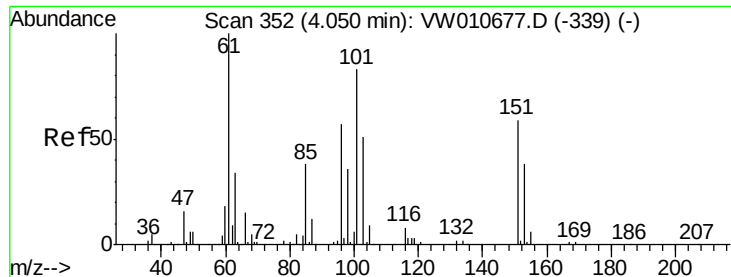


#8

Diethyl Ether
Concen: 158.198 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	229016		
45	114.7	56.9	170.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 154.420 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

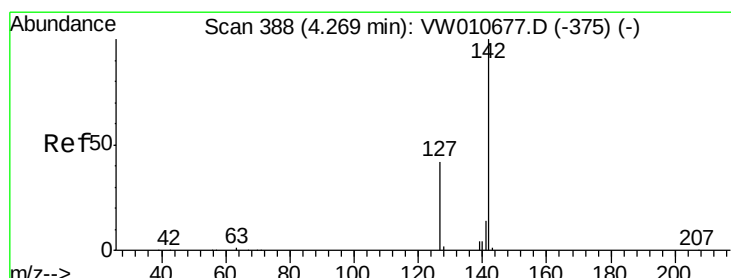
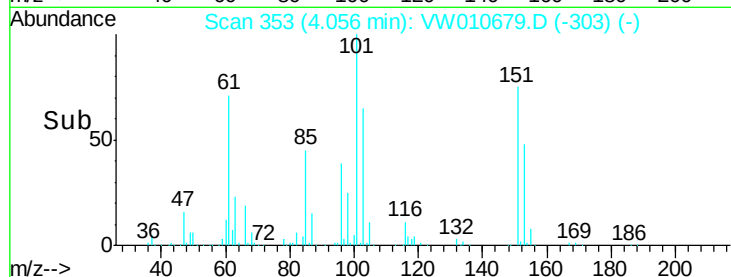
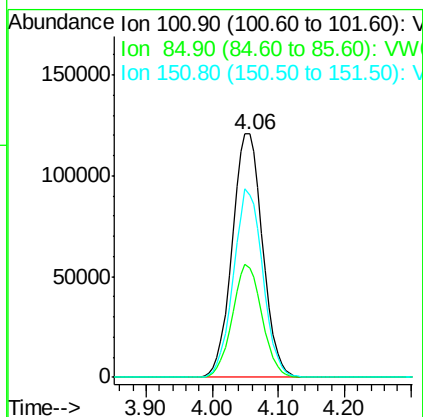
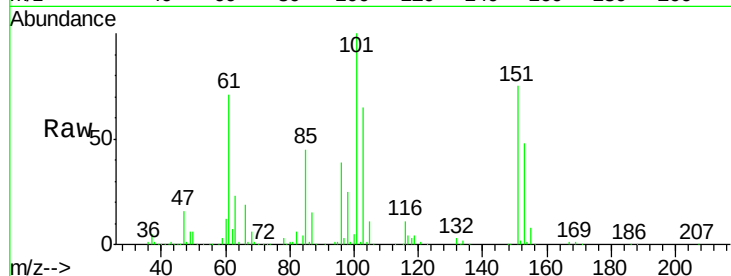
ClientSampled :

VSTDIC150

Tot Ion:	101	Resp:	384585
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.8	53.8
151	74.7	58.1	87.1

Manual Integrations
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#10

Methyl Iodide

Concen: 191.313 ug/l

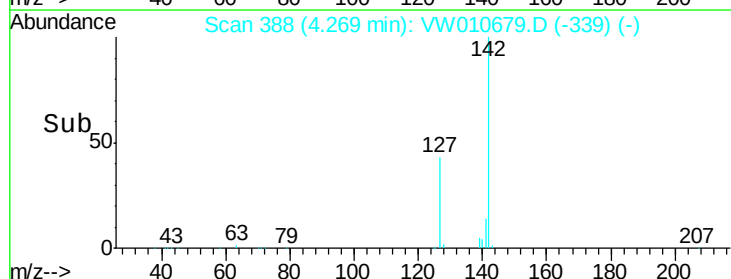
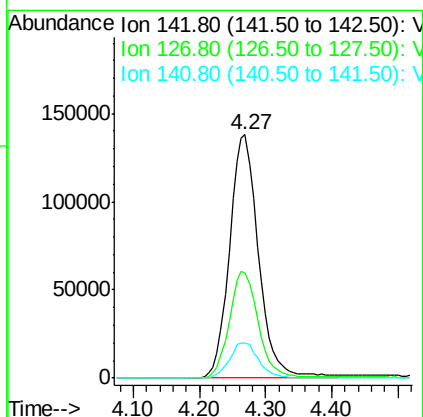
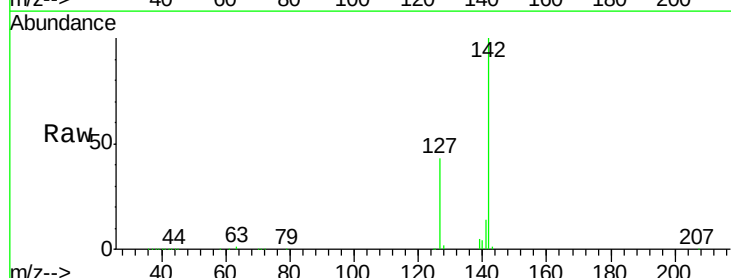
RT: 4.27 min Scan# 388

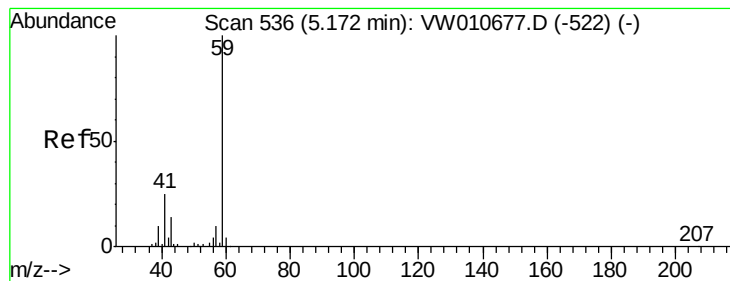
Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion:	142	Resp:	420778
Ion Ratio	Lower	Upper	
142	100		
127	43.6	34.6	51.8
141	14.6	11.6	17.4





#11

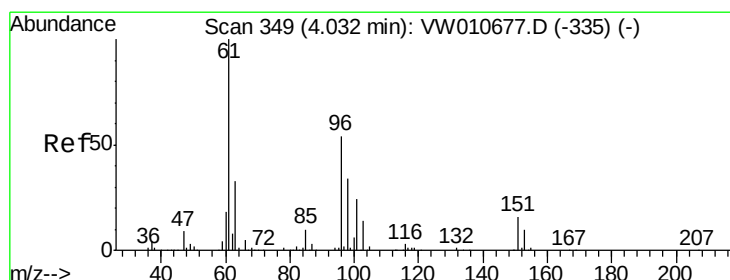
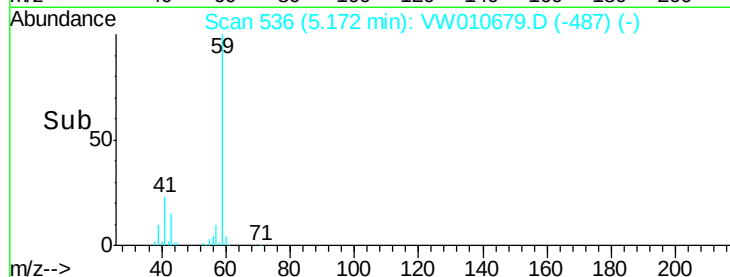
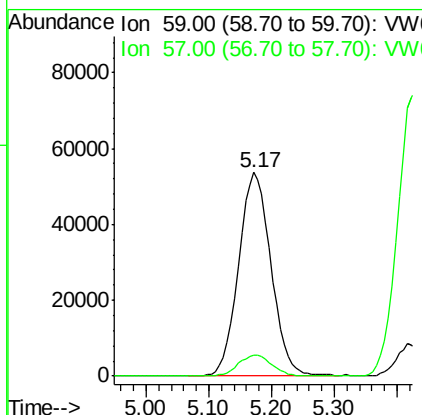
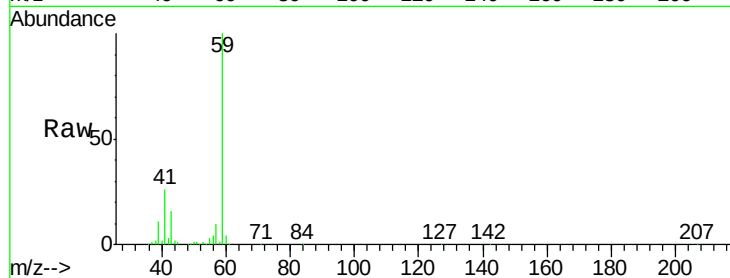
Tert butyl alcohol
Concen: 805.430 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.6	12.8

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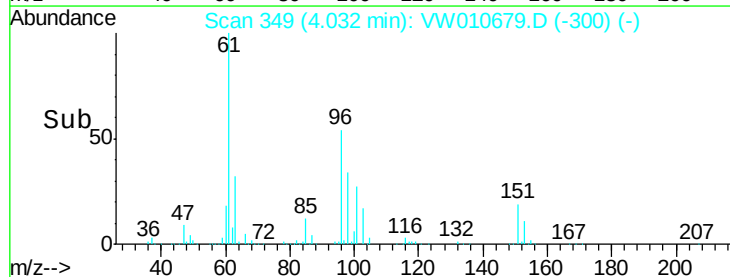
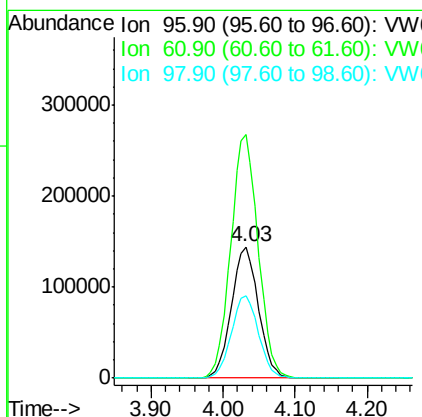
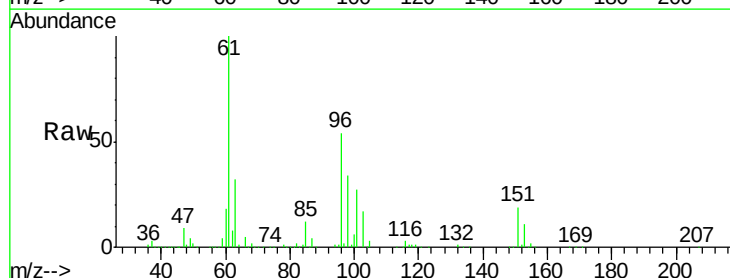
MMDadoda
6/5/2019 3:05:11 PM

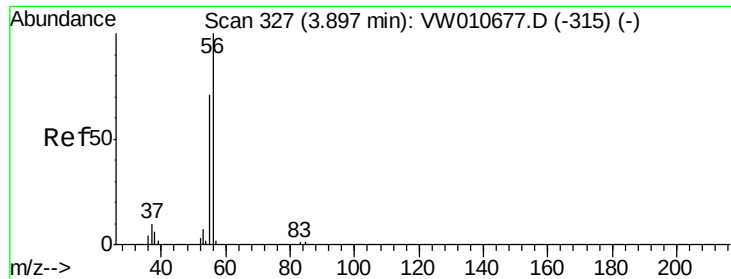


#12

1,1-Dichloroethene
Concen: 156.541 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	185.4	149.1	223.7
98	62.6	51.1	76.7





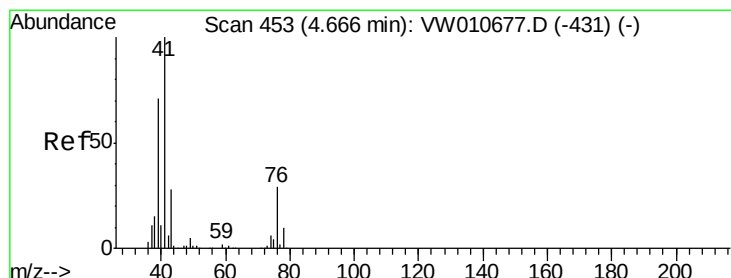
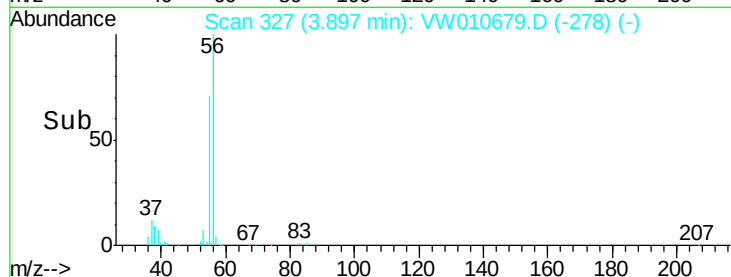
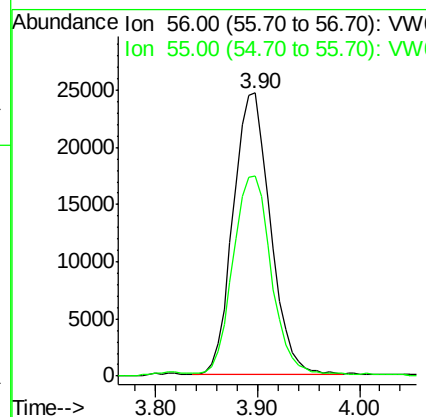
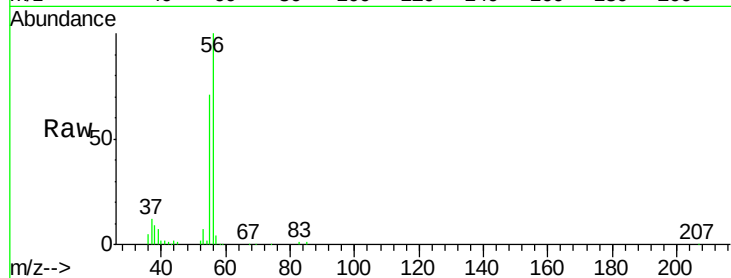
#13
Acrolein
Concen: 639.460 ug/l
RT: 3.90 min Scan# 327
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	56	Resp	62334
Ion Ratio	Lower	Upper	
56	100		
55	73.3	57.6	86.4

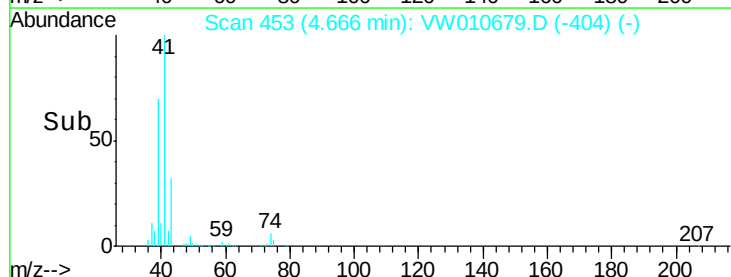
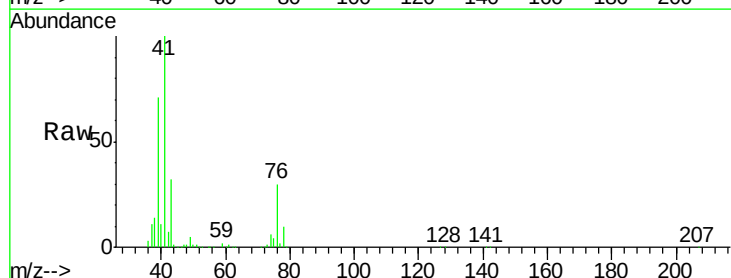
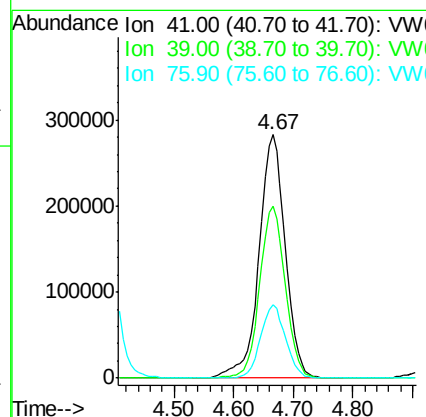
Manual Integrations
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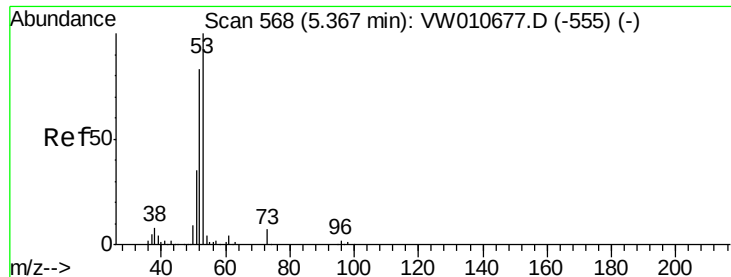
MMDadoda
6/5/2019 3:05:11 PM



#14
Allyl chloride
Concen: 162.909 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion	41	Resp	862979
Ion Ratio	Lower	Upper	
41	100		
39	68.9	55.8	83.6
76	28.6	22.7	34.1





#15

Acrylonitrile

Concen: 801.874 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

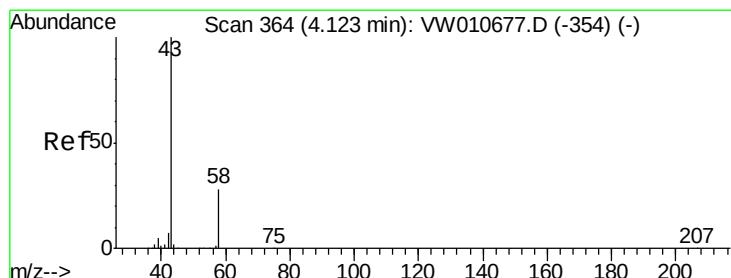
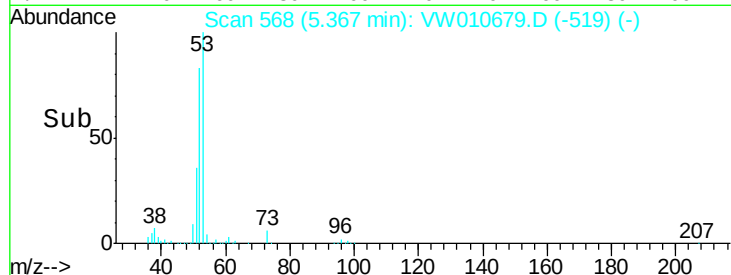
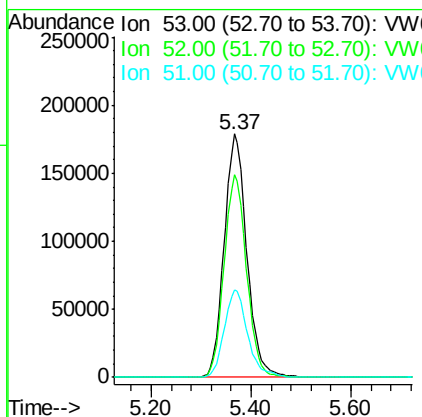
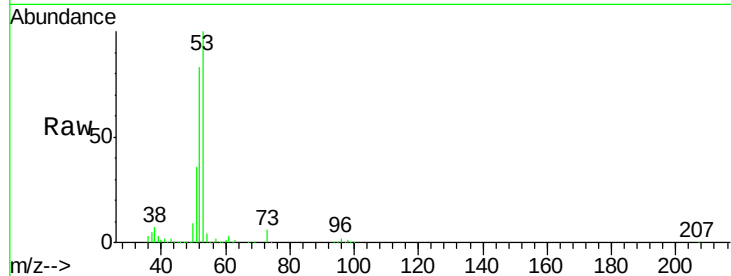
ClientSampleId :

VSTDIC150

Tot Ion:	53	Resp:	563951
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.6	100.0
51	37.2	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 805.067 ug/l

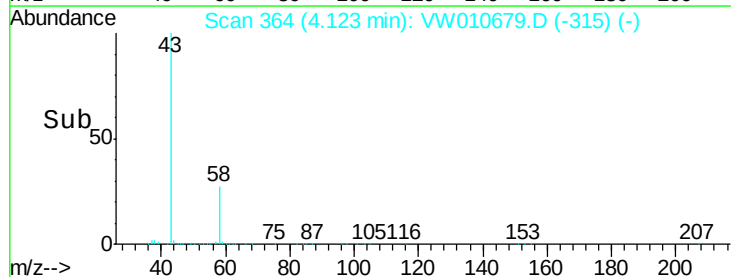
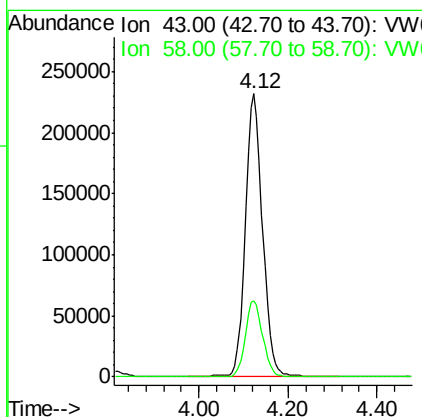
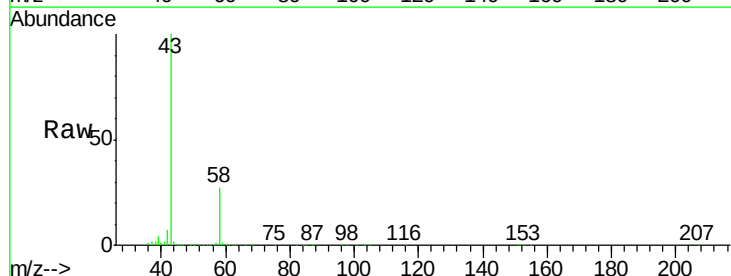
RT: 4.12 min Scan# 364

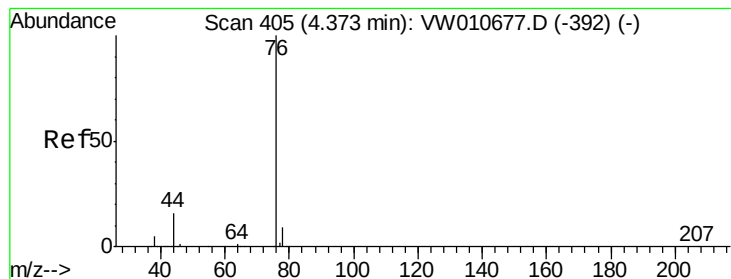
Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion:	43	Resp:	631649
Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.1	33.1





#17

Carbon Disulfide

Concen: 163.500 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 1246935

Ion Ratio Lower Upper

76 100

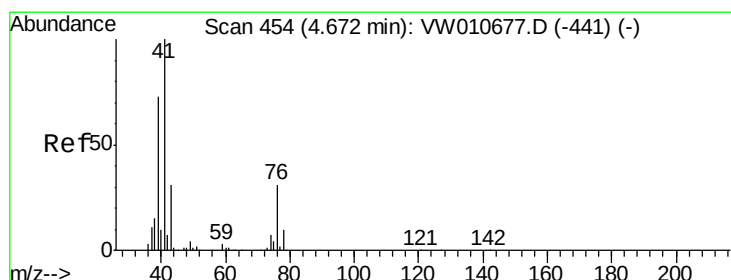
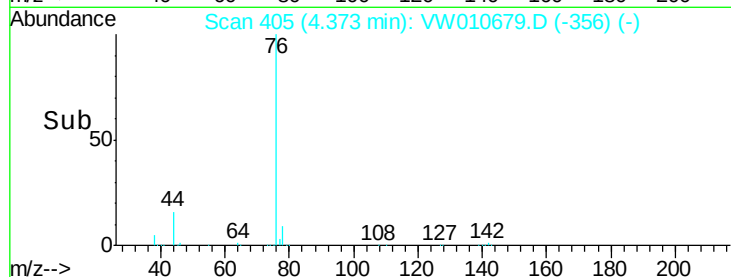
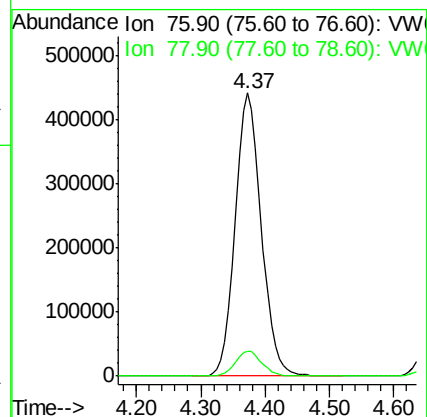
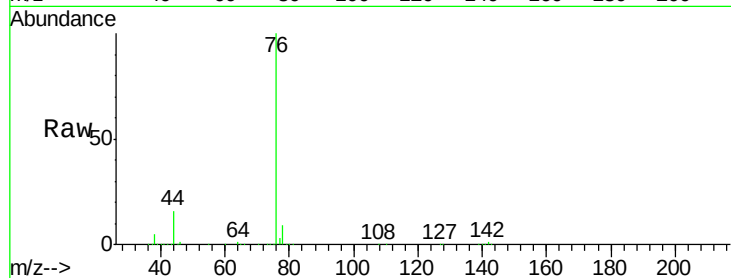
78 9.0 7.5 11.3

Manual Integrations

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#18

Methyl Acetate

Concen: 162.190 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010679.D

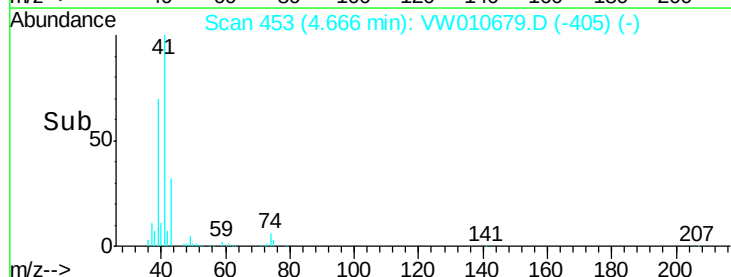
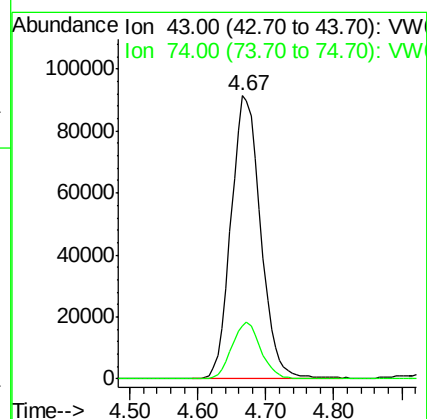
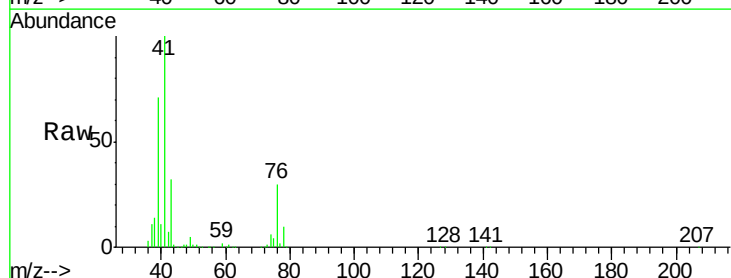
Acq: 04 Jun 2019 16:35

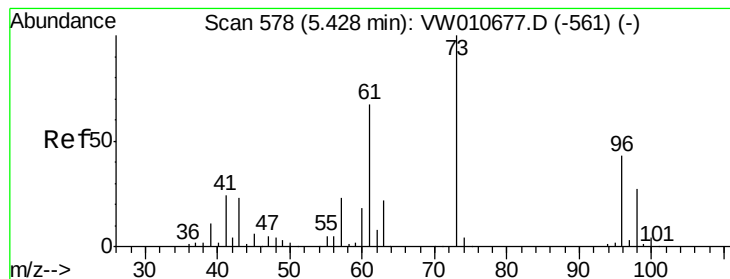
Tgt Ion: 43 Resp: 273925

Ion Ratio Lower Upper

43 100

74 19.8 16.7 25.1





#19

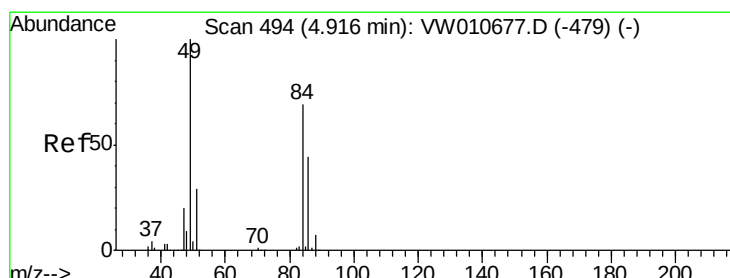
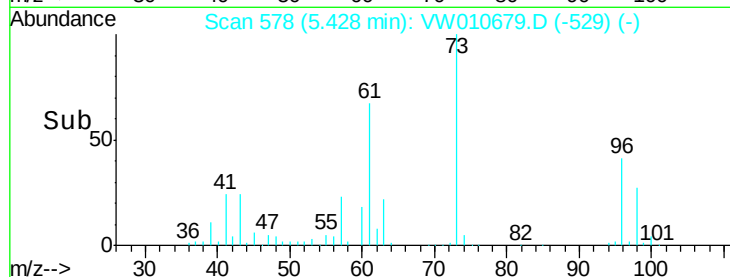
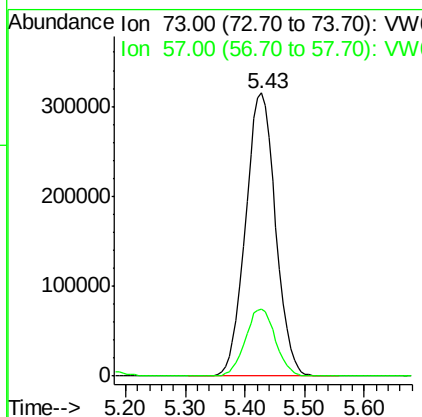
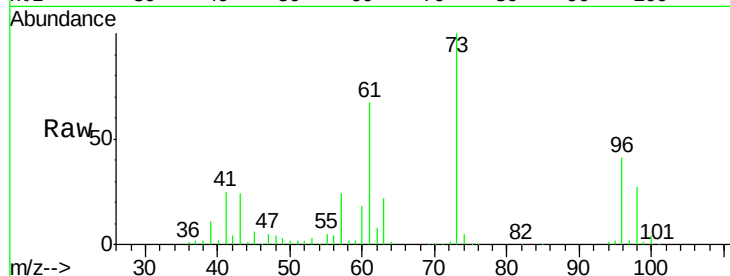
Methyl tert-butyl Ether
 Concen: 158.750 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 1099987
 Ion Ratio Lower Upper
 73 100
 57 23.7 18.6 27.8

Manual Integrations
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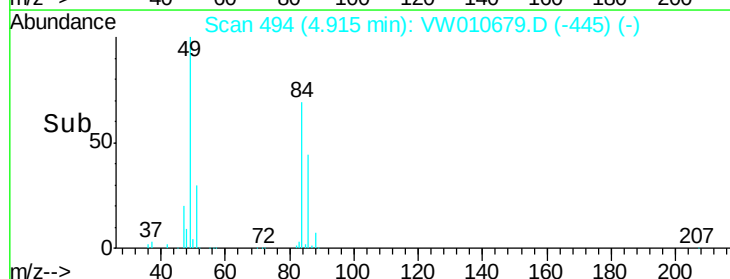
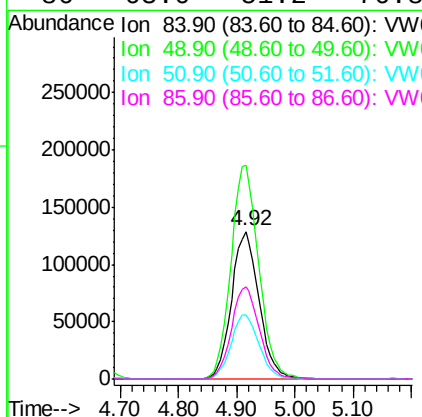
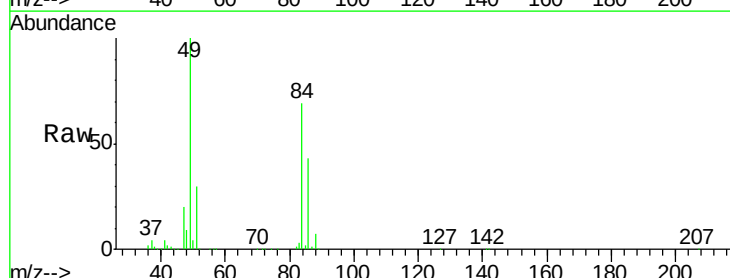
MMDadoda
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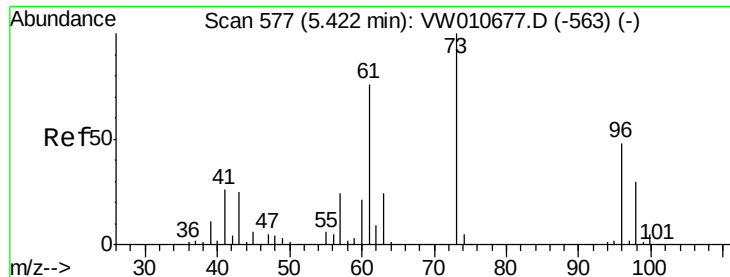


#20

Methylene Chloride
 Concen: 153.220 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion: 84 Resp: 421726
 Ion Ratio Lower Upper
 84 100
 49 145.1 116.7 175.1
 51 43.6 34.2 51.2
 86 63.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 156.484 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 426780

Ion Ratio Lower Upper

96 100

61 157.8 126.0 189.0

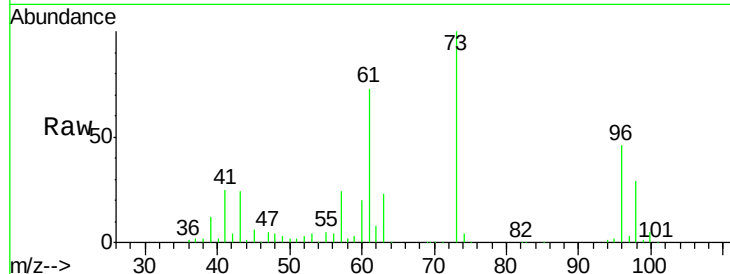
98 61.7 49.6 74.4

Manual Integrations

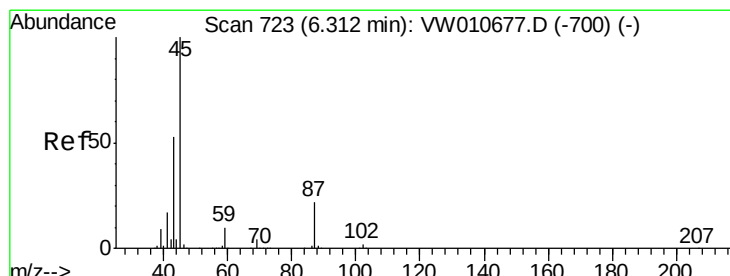
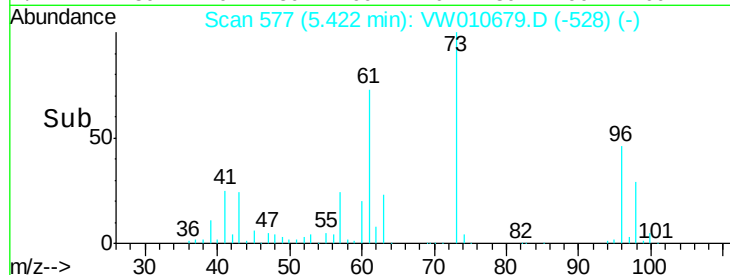
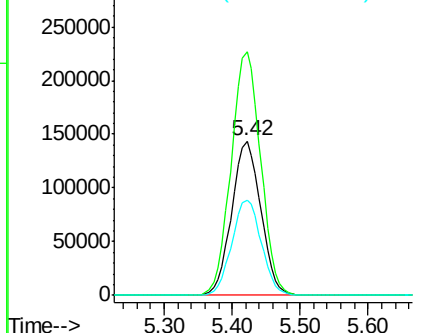
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 158.467 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion: 45 Resp: 1680591

Ion Ratio Lower Upper

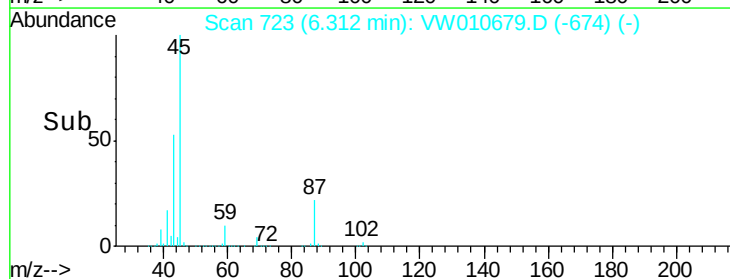
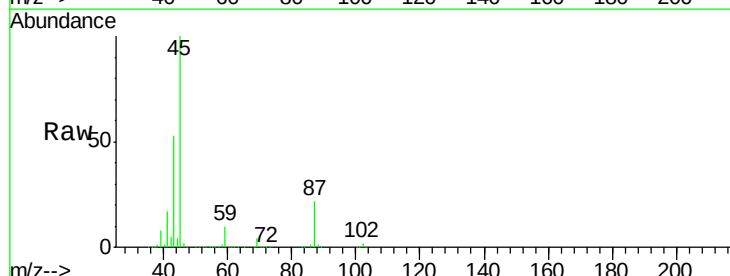
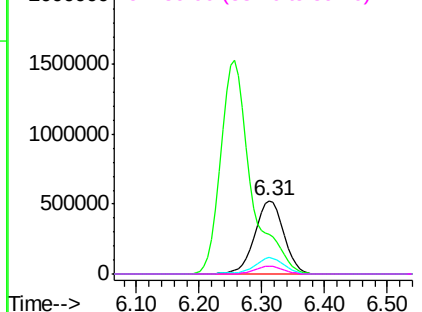
45 100

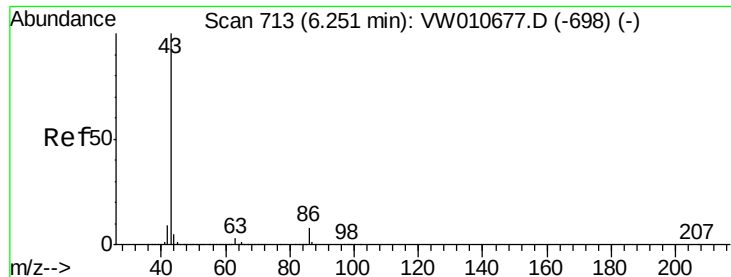
43 53.3 42.5 63.7

87 22.1 17.4 26.2

59 10.4 8.1 12.1

Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 796.977 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tot Ion: 43 Resp: 5100855

Ion Ratio Lower Upper

43 100

86 8.7 6.6 10.0

Instrument :

MSVOA_W

ClientSampleId :

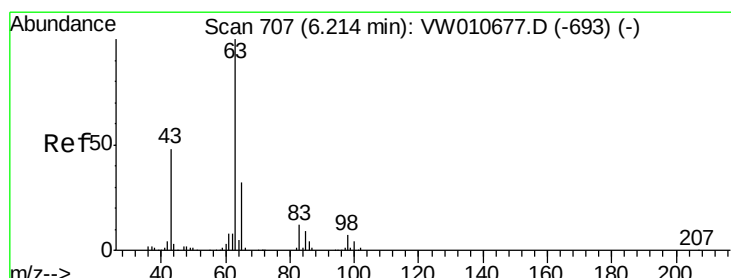
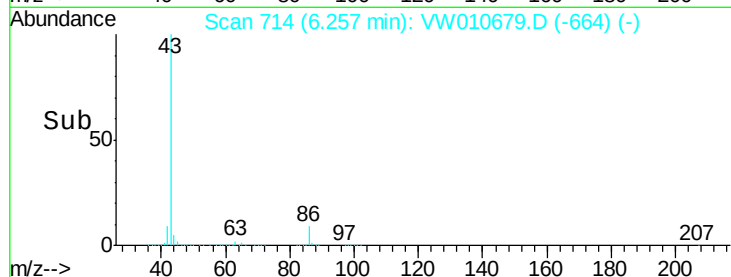
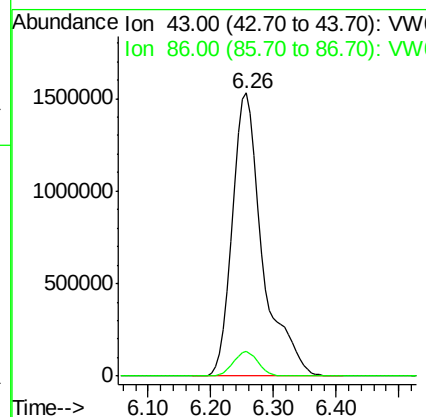
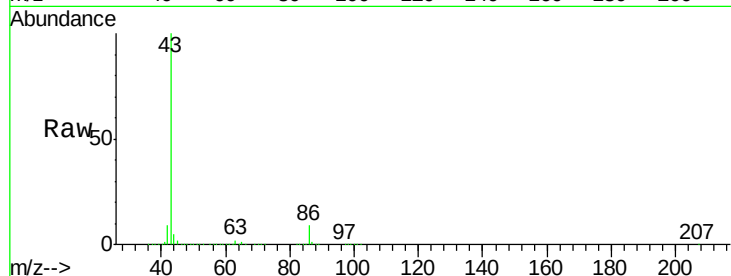
VSTDIC150

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 159.227 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

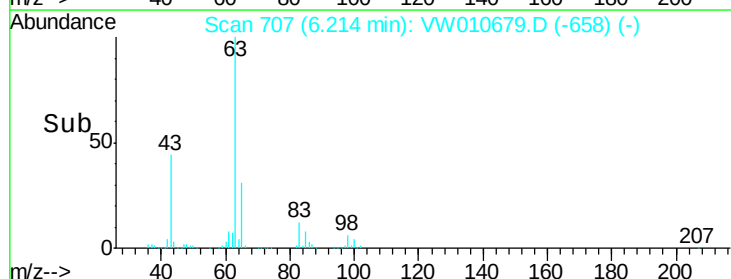
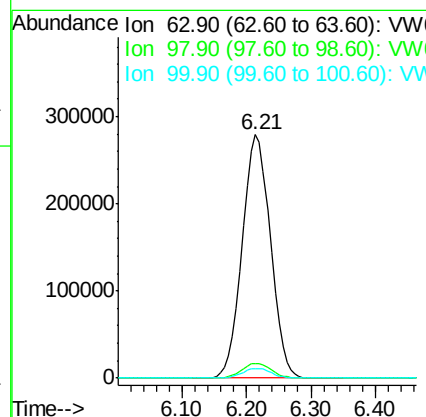
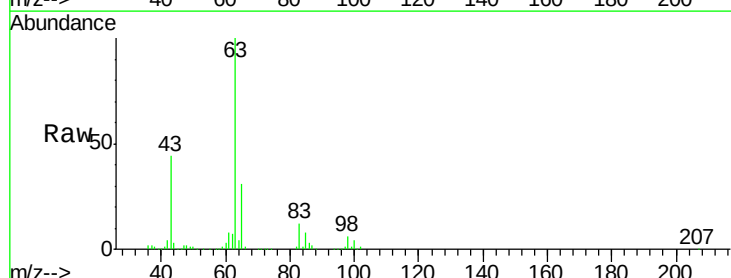
Tgt Ion: 63 Resp: 846254

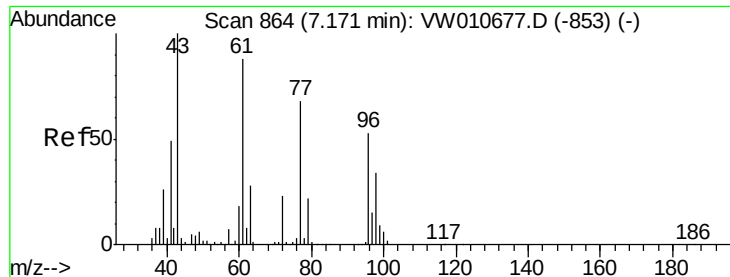
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 4.0 2.1 6.3





#25

2-Butanone

Concen: 797.776 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 867935

Ion Ratio Lower Upper

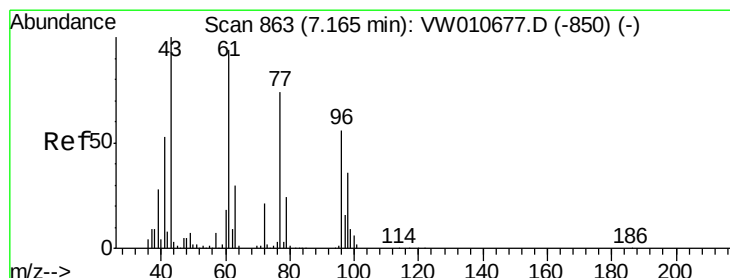
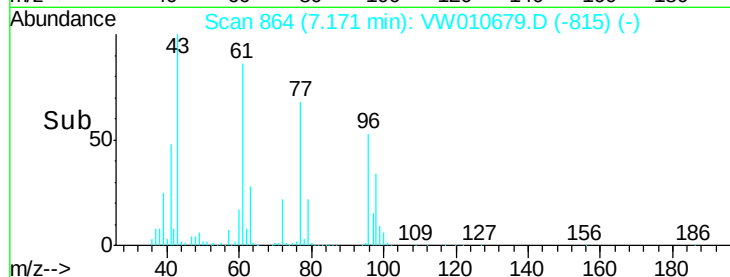
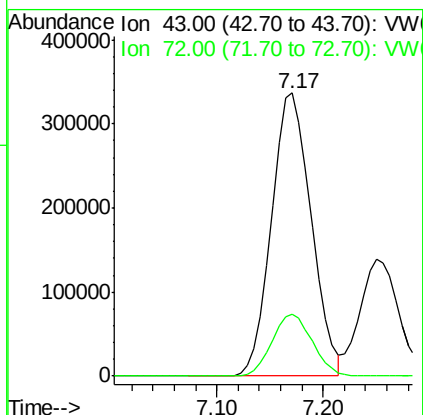
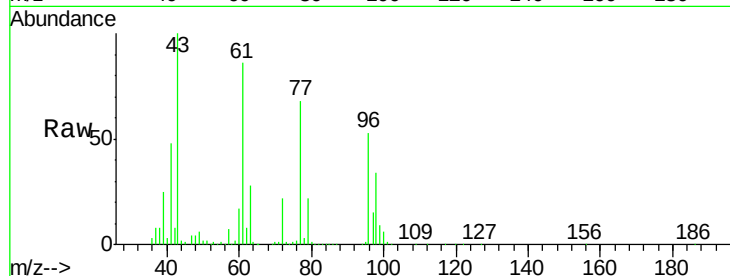
43 100

72 22.1 18.1 27.1

Manual Integrations
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MMDadoda

6/5/2019 3:05:11 PM



#26

2,2-Dichloropropane

Concen: 157.120 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010679.D

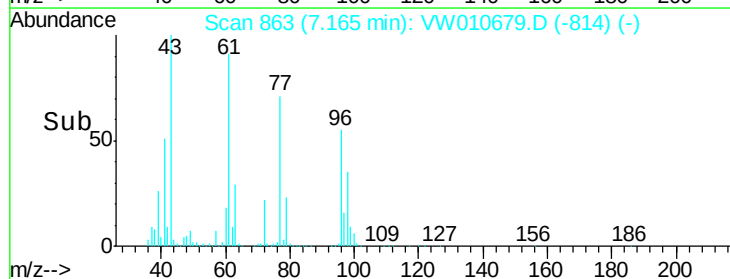
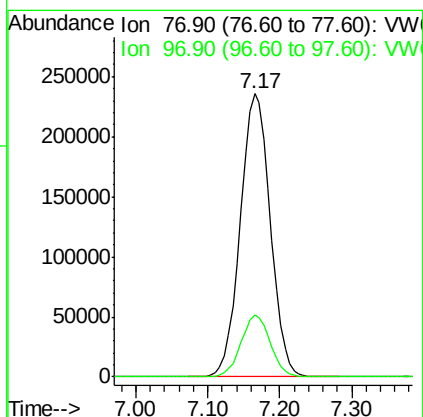
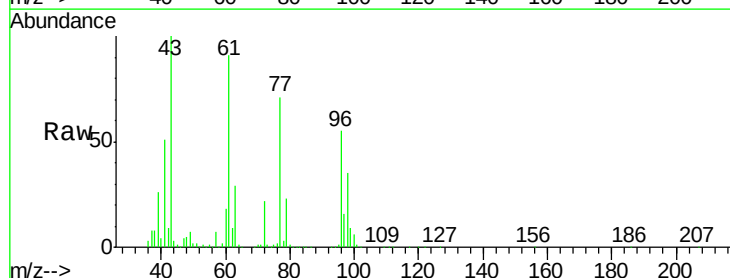
Acq: 04 Jun 2019 16:35

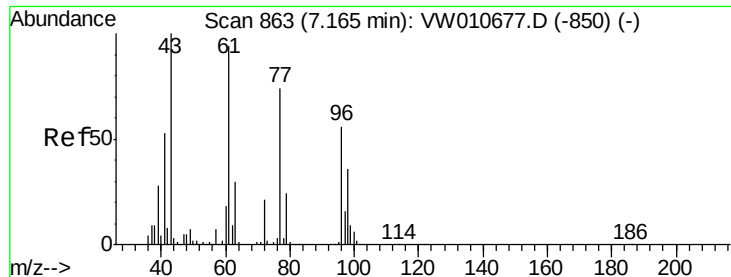
Tgt Ion: 77 Resp: 679512

Ion Ratio Lower Upper

77 100

97 21.3 10.5 31.6





#27

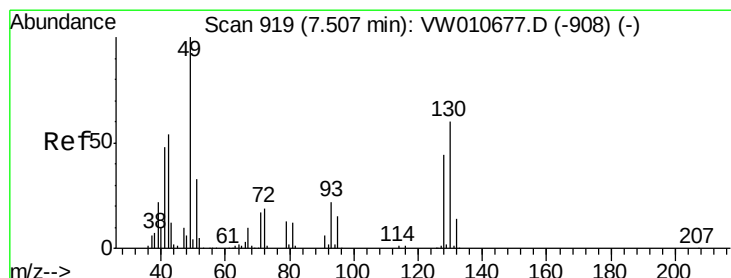
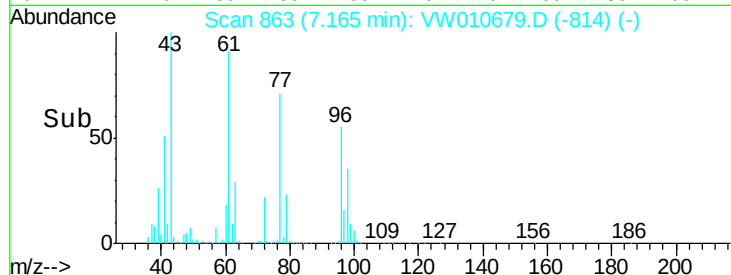
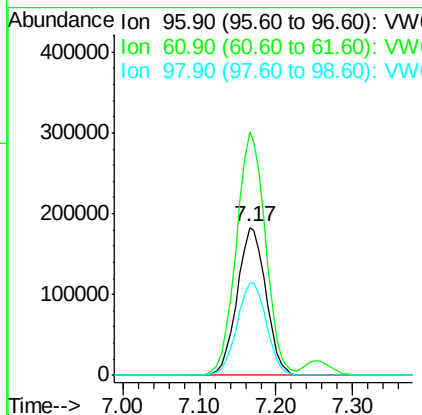
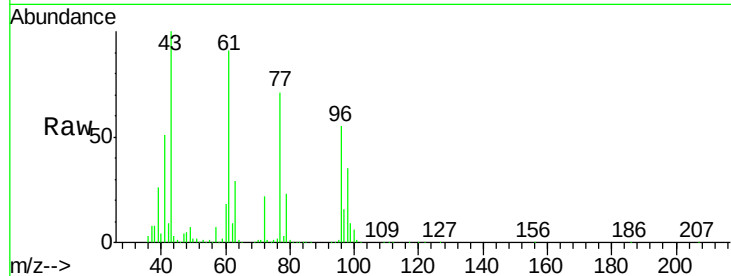
cis-1,2-Dichloroethene
Concen: 158.807 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	476646		
61	166.7	0.0	336.4	
98	64.3	0.0	128.0	

Manual Integrations
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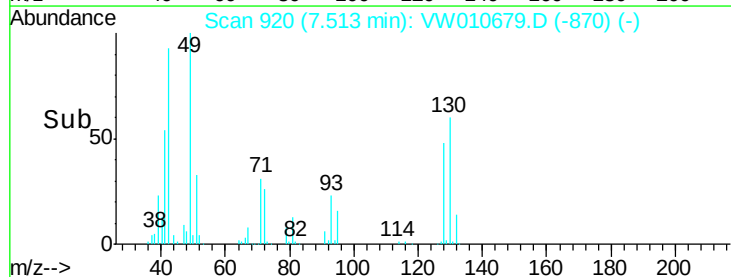
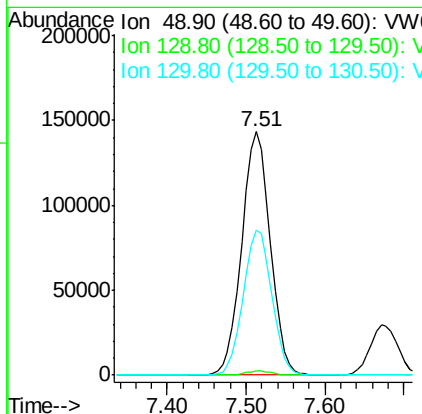
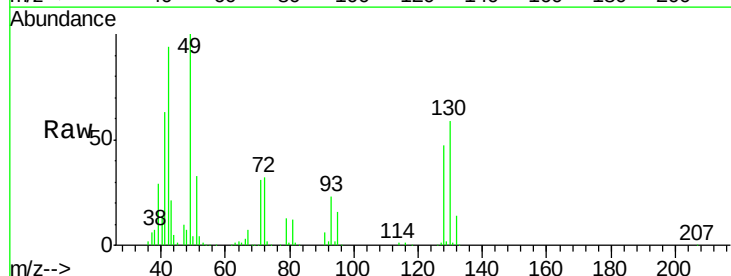
MMDadoda
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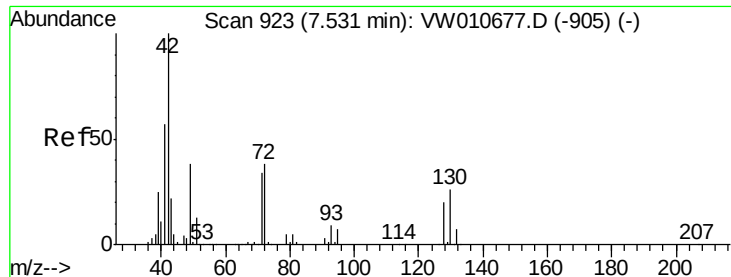


#28

Bromochloromethane
Concen: 152.155 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	360888		
129	1.6	0.0	3.2	
130	59.7	48.3	72.5	





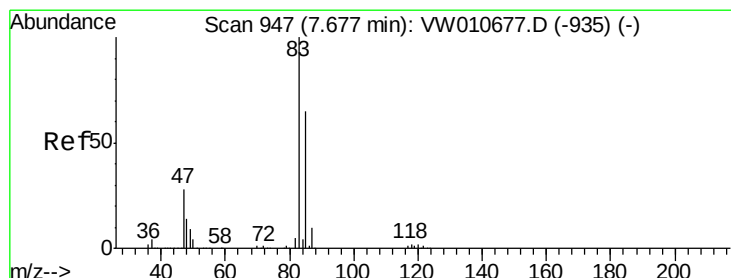
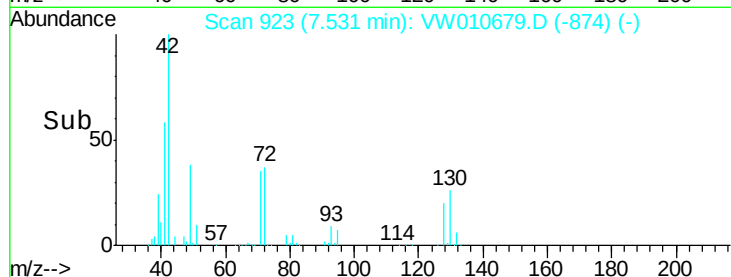
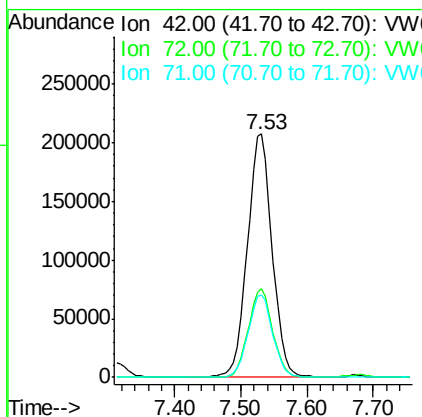
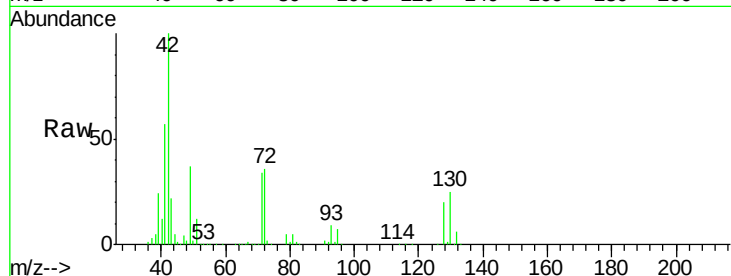
#29
Tetrahydrofuran
Concen: 790.459 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.6	28.7	43.1
71	33.7	26.6	39.8

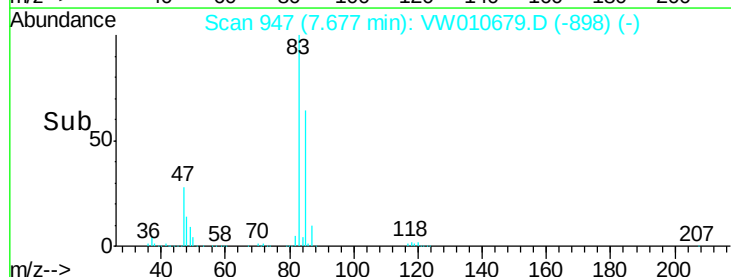
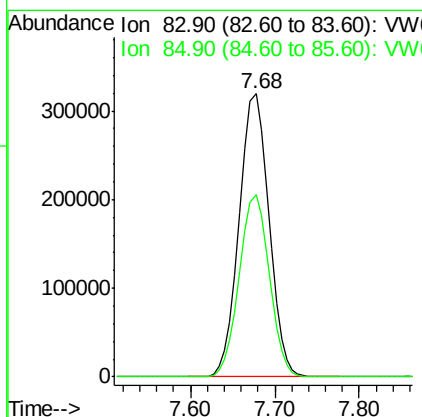
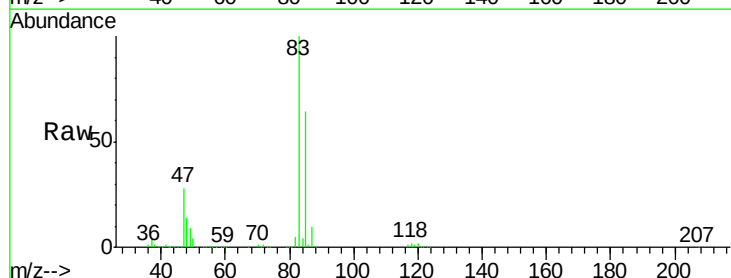
Manual Integrations
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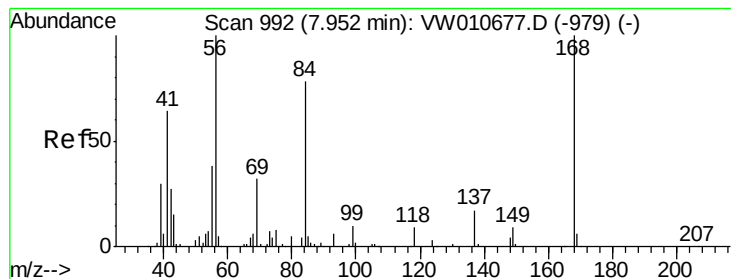
MMDadoda
6/5/2019 3:05:11 PM



#30
Chloroform
Concen: 157.596 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.8	77.8





#31

Cyclohexane

Concen: 144.252 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

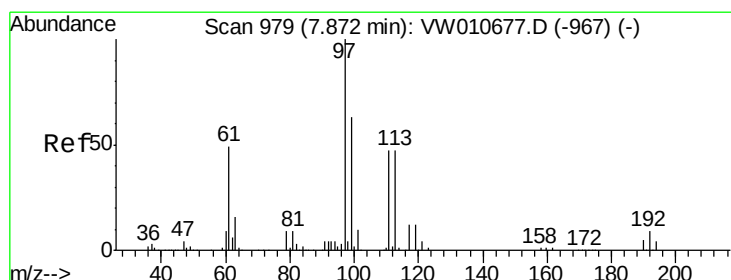
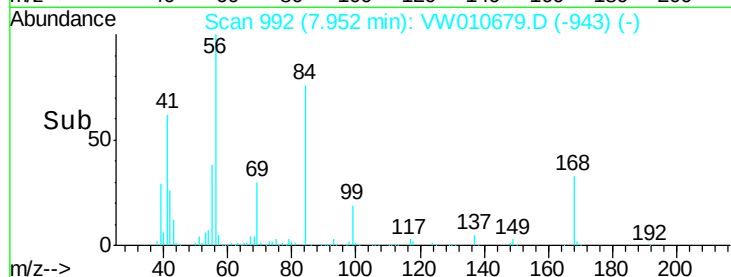
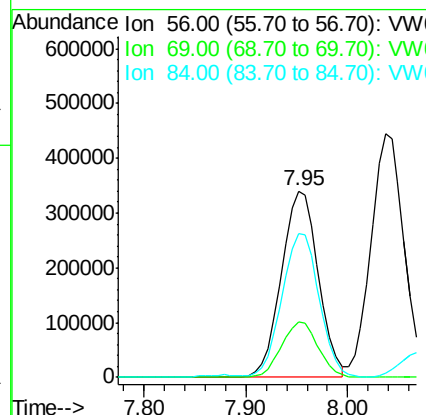
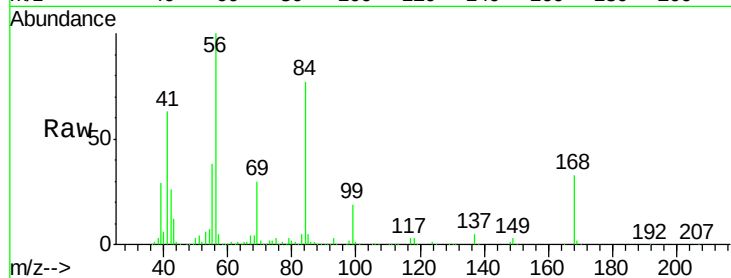
ClientSampleId :

VSTDIC150

Tot Ion:	56	Resp:	852244
Ion	Ratio	Lower	Upper
56	100		
69	29.9	25.2	37.8
84	76.9	62.2	93.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 159.042 ug/l

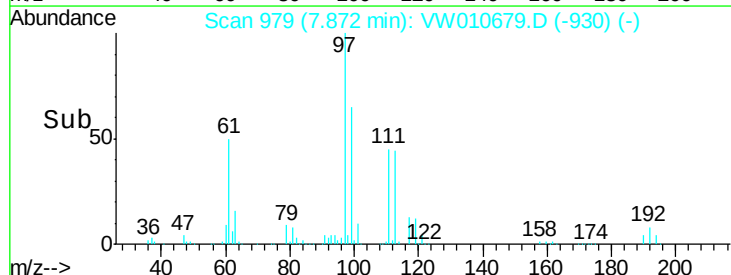
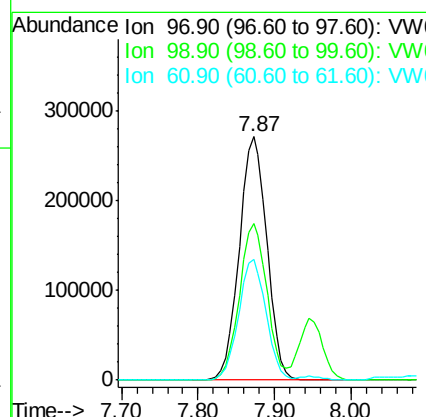
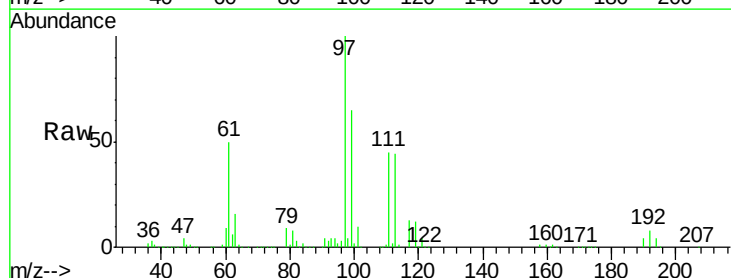
RT: 7.87 min Scan# 979

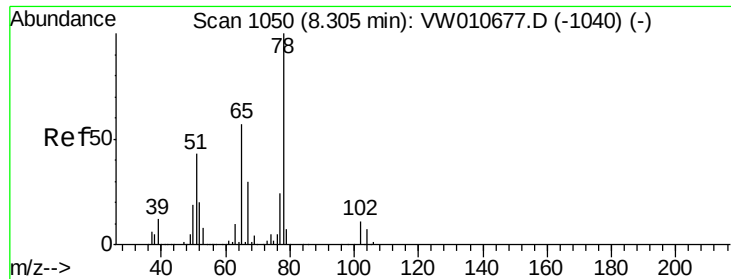
Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion:	97	Resp:	675370
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	49.3	40.4	60.6





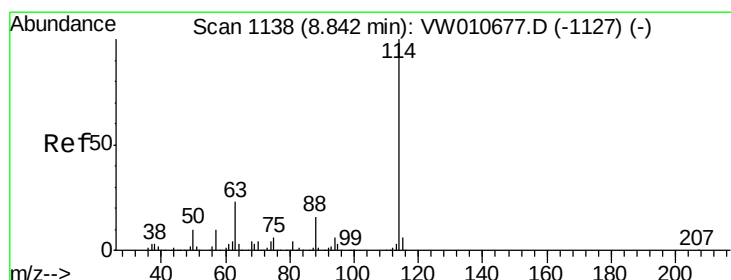
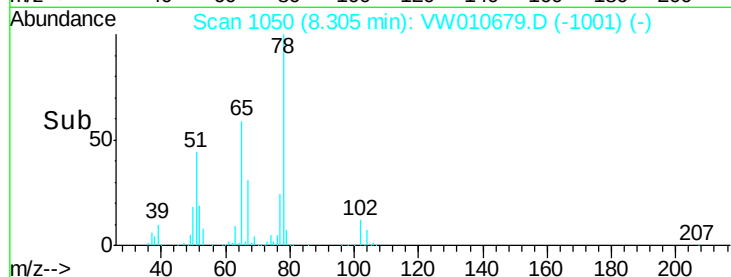
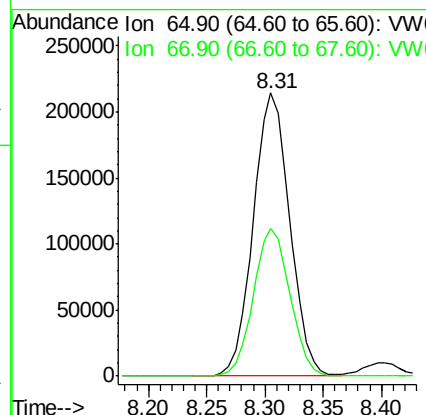
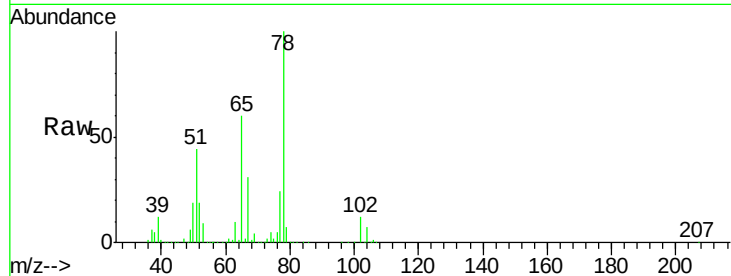
#33
 1,2-Dichloroethane-d4
 Concen: 159.084 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100	465820		
67	52.1	0.0	102.6	

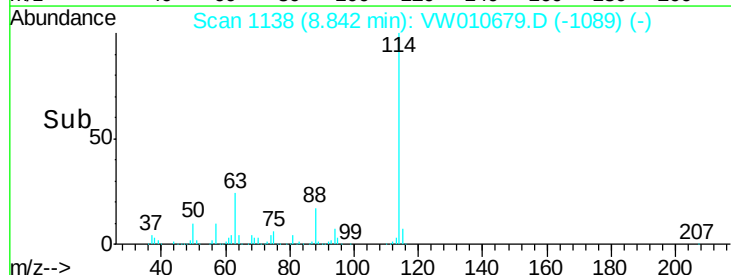
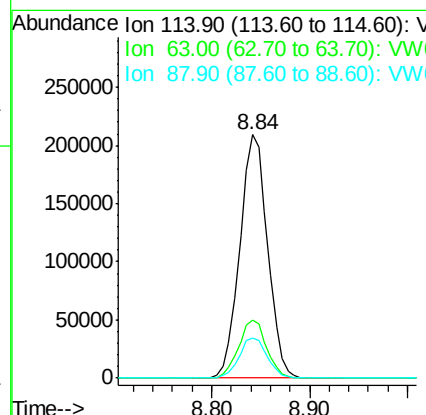
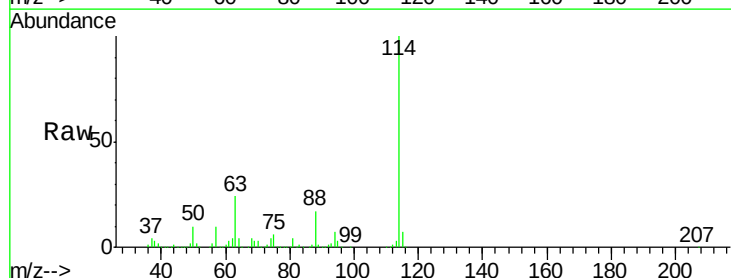
Manual Integrations
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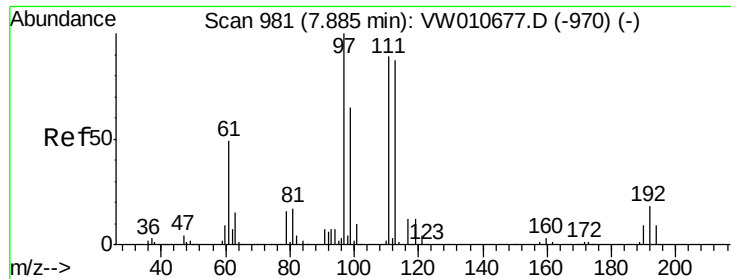
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 6/5/2019 3:05:11 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	411342		
63	23.8	0.0	46.4	
88	16.5	0.0	32.2	





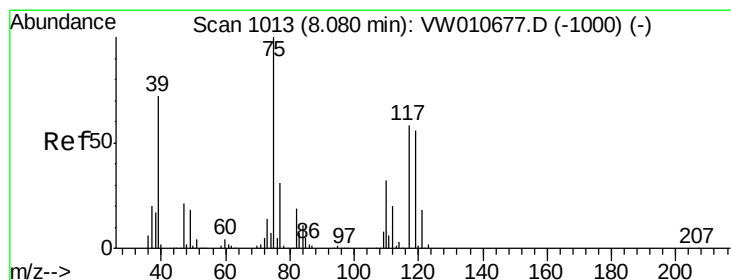
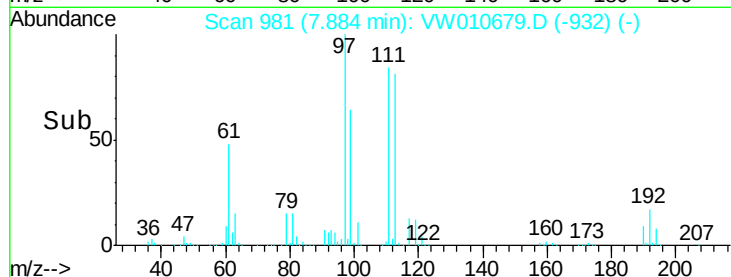
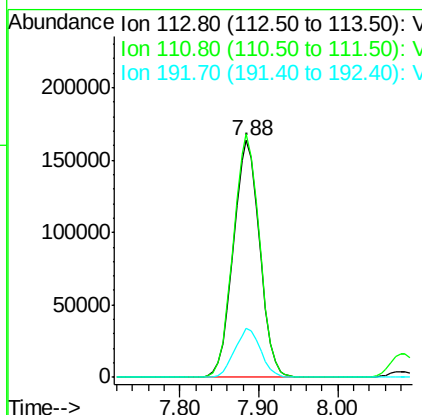
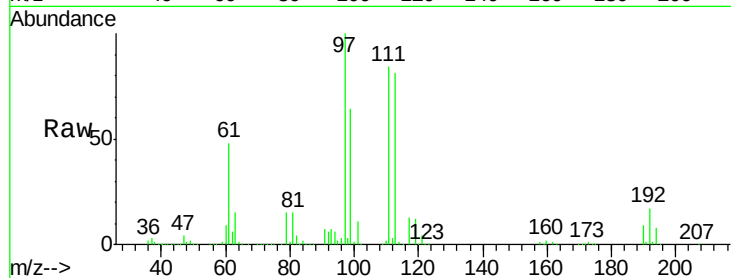
#35
 Dibromofluoromethane
 Concen: 169.896 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	379323		
111	102.5	82.6	123.8	
192	20.3	16.4	24.6	

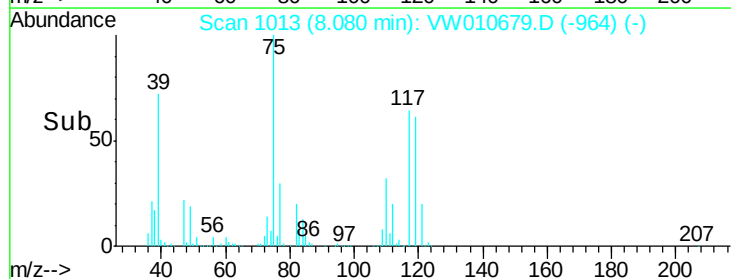
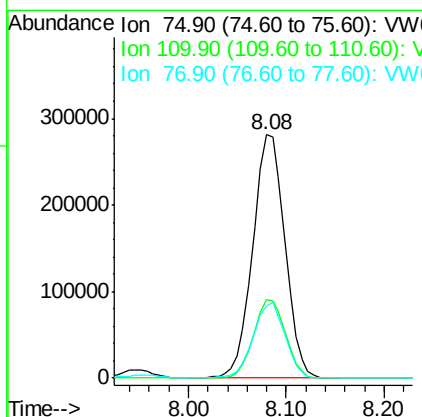
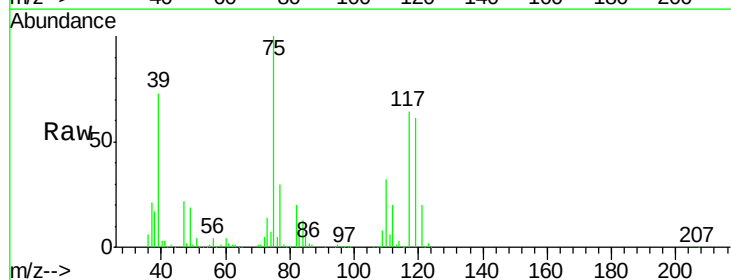
Manual Integrations
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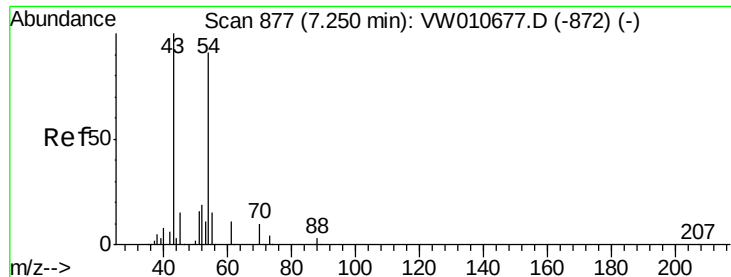
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 152.782 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	643299		
110	32.1	15.8	47.3	
77	30.8	24.7	37.1	





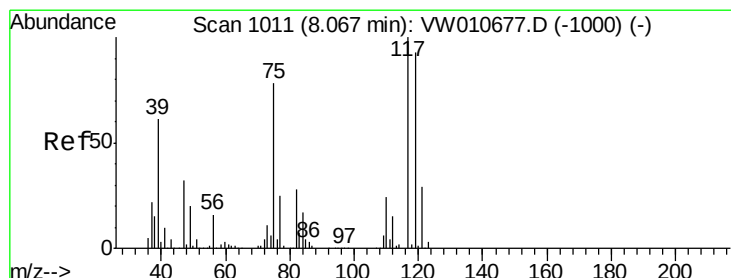
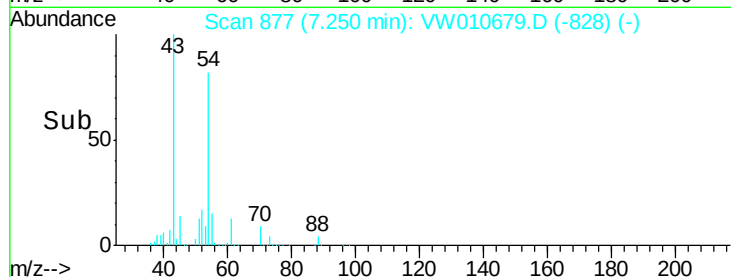
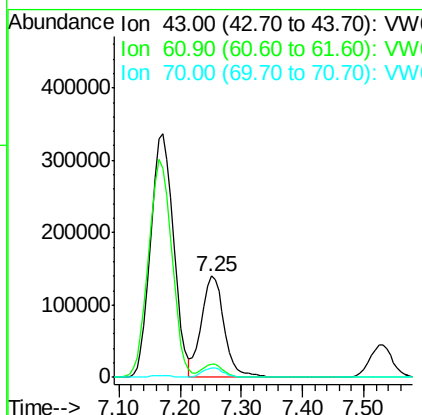
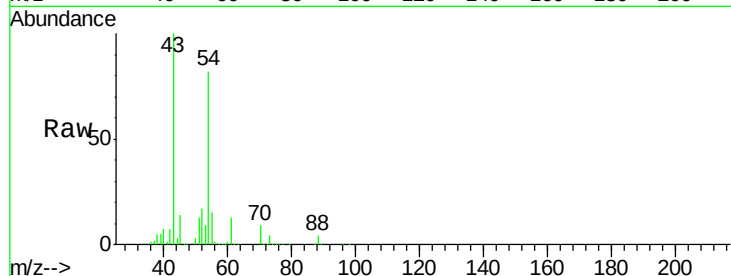
#37
Ethyl Acetate
Concen: 156.711 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.5	9.7	14.5
70	8.8	7.2	10.8

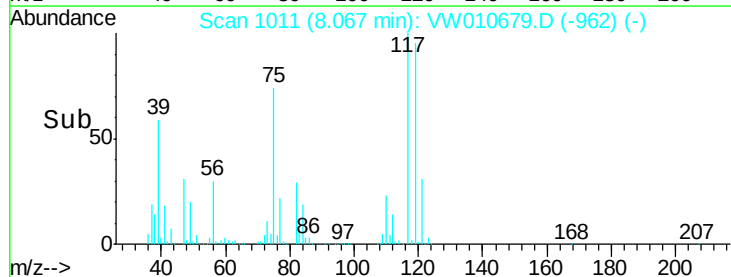
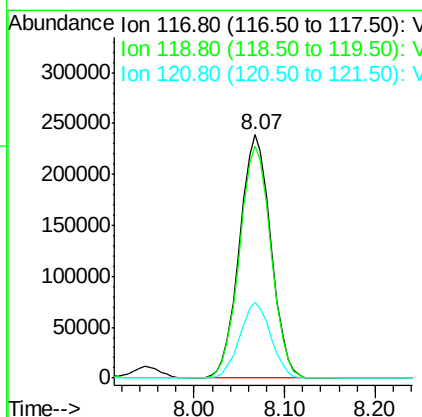
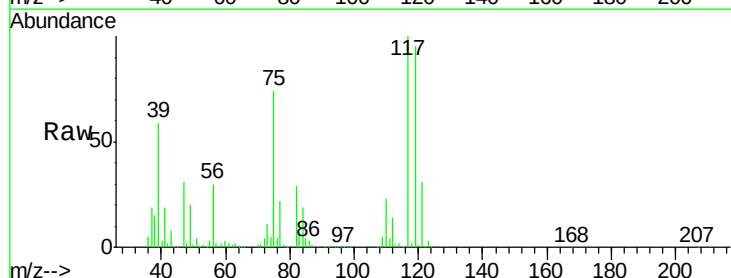
Manual Integrations
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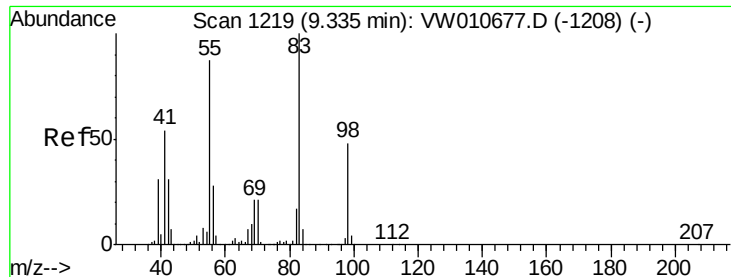
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#38
Carbon Tetrachloride
Concen: 157.463 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	74.2	111.4
121	31.5	22.9	34.3





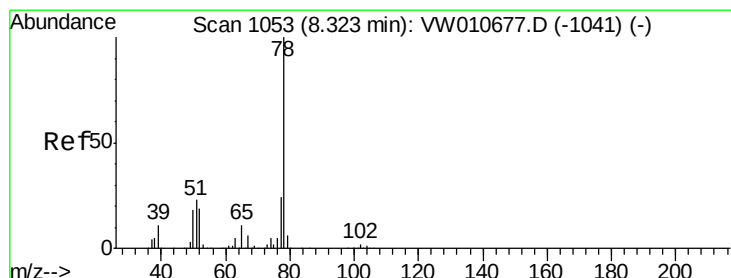
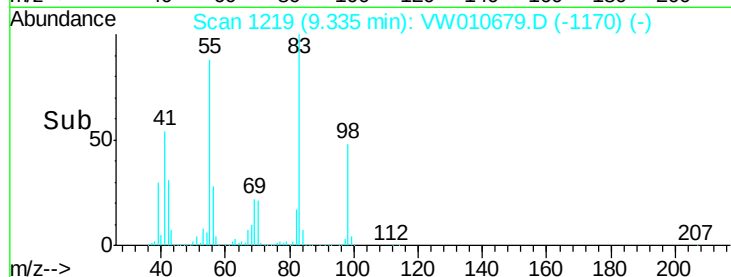
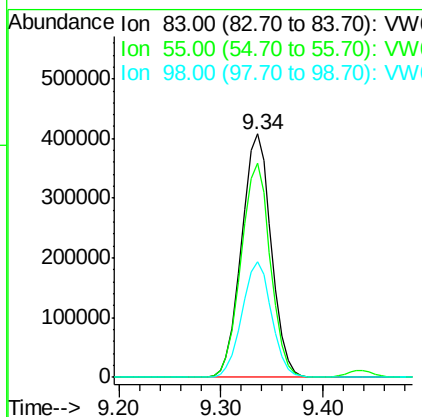
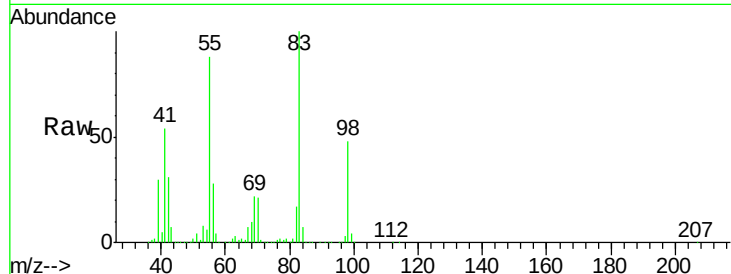
#39
Methvlcvclohexane
Concen: 154.124 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.8	70.0	105.0
98	47.7	38.1	57.1

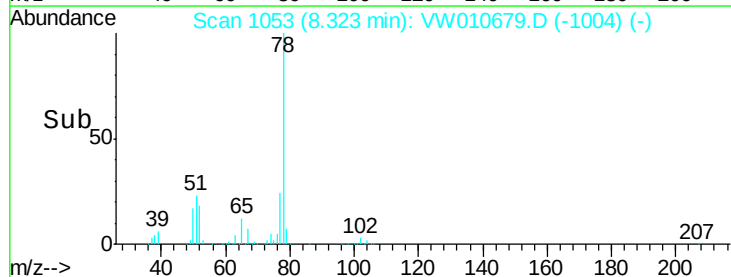
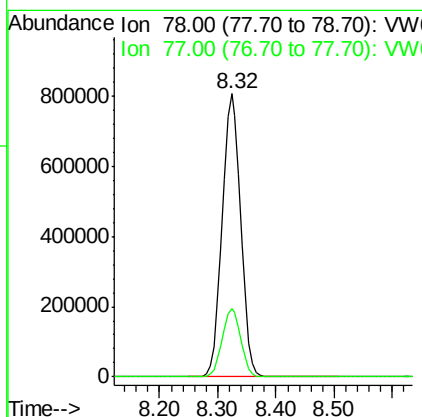
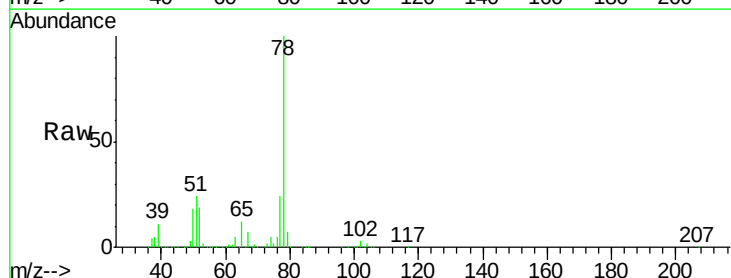
Manual Integrations
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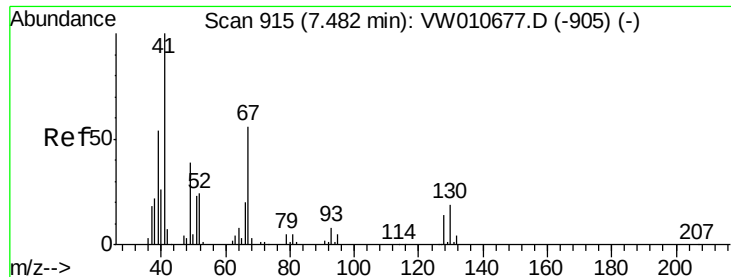
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#40
Benzene
Concen: 154.441 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





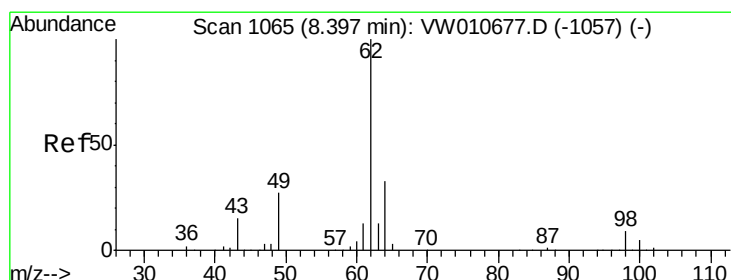
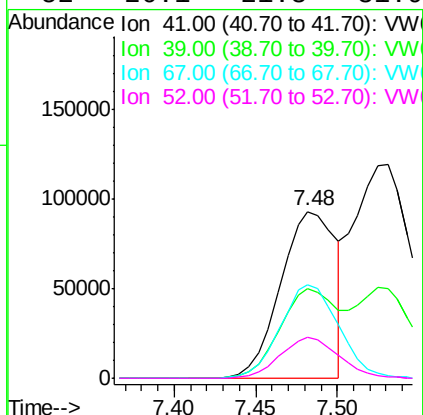
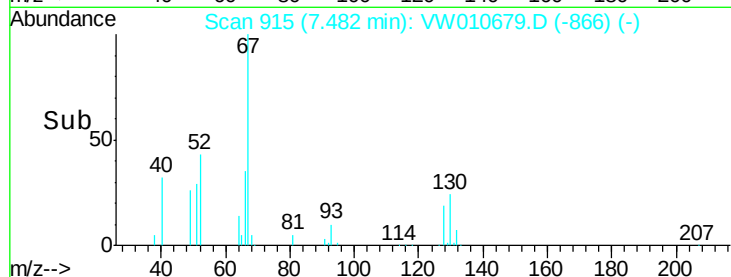
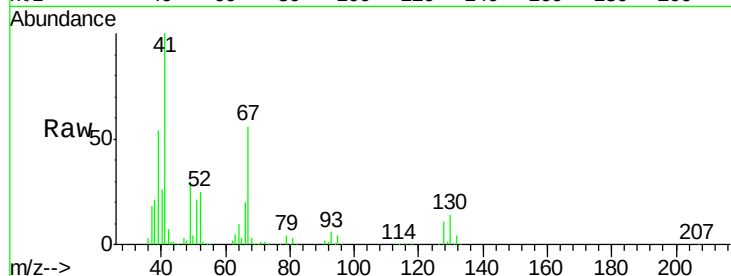
#41
Methacrylonitrile
Concen: 156.737 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	41	Resp	217375
Ion Ratio	Lower	Upper	
41	100		
39	59.4	47.3	70.9
67	59.4	47.2	70.8
52	26.1	21.3	31.9

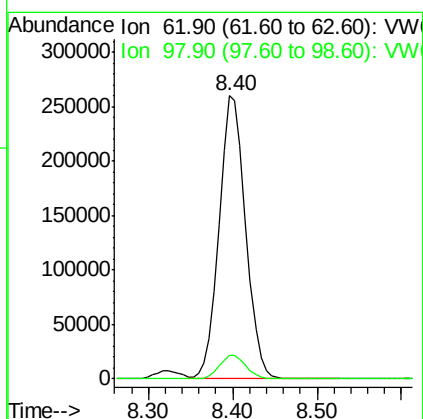
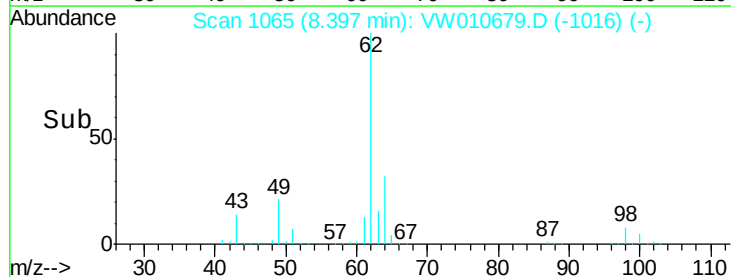
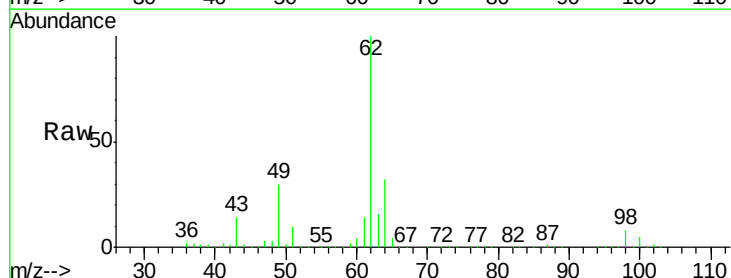
Manual Integrations
APPROVED

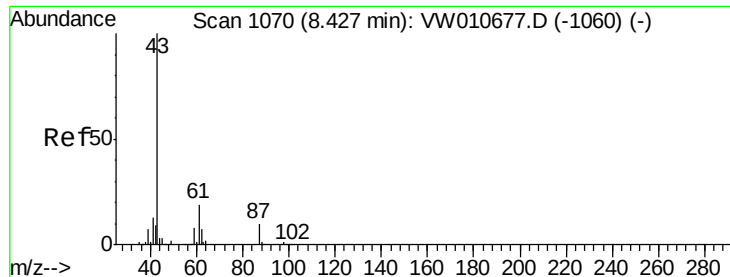
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#42
1,2-Dichloroethane
Concen: 154.163 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion	62	Resp	562021
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	17.2





#43

Isopropyl Acetate

Concen: 158.715 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

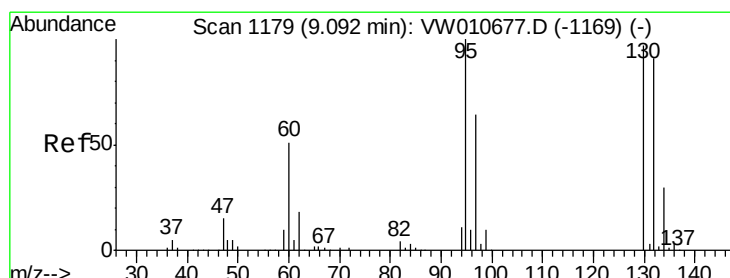
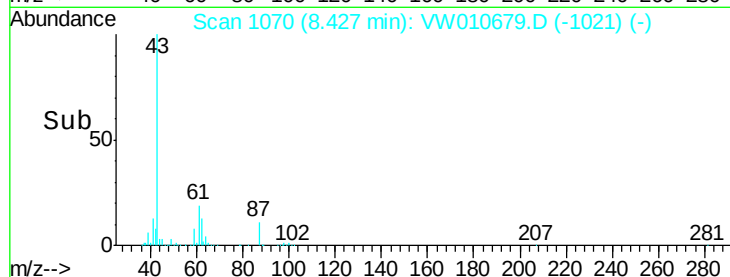
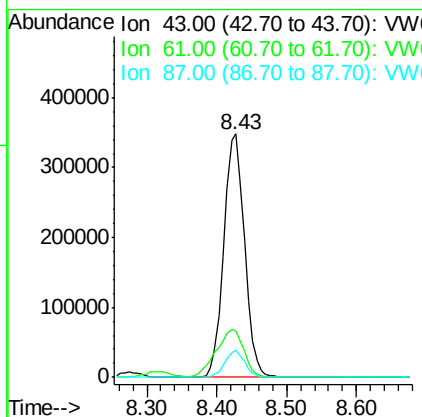
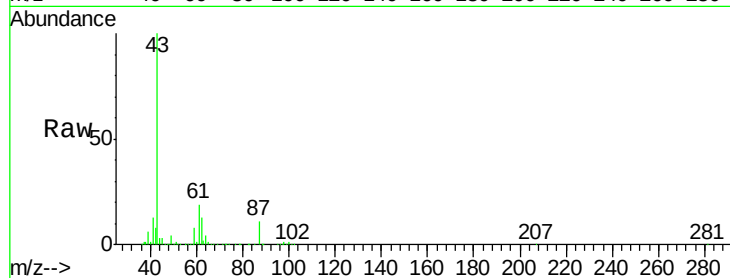
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	715438
Ion	Ratio	Lower	Upper
43	100		
61	26.3	21.2	31.8
87	10.6	8.3	12.5

Manual Integrations
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#44

Trichloroethene

Concen: 154.618 ug/l

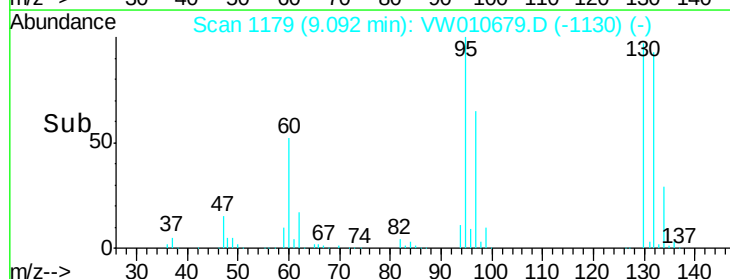
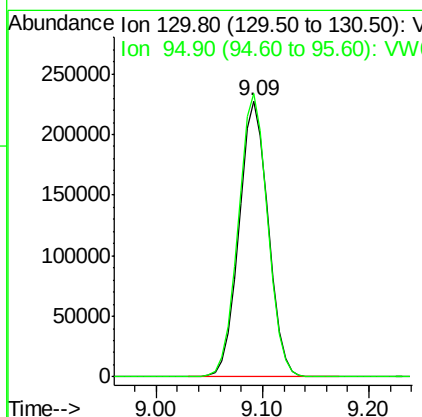
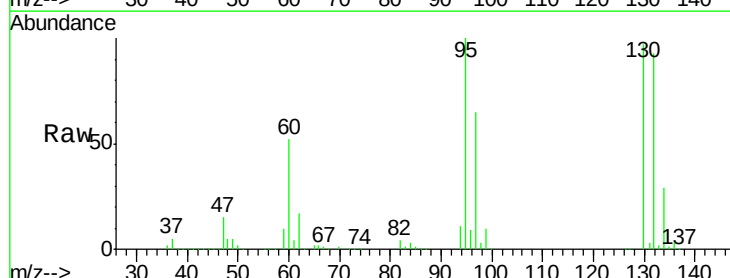
RT: 9.09 min Scan# 1179

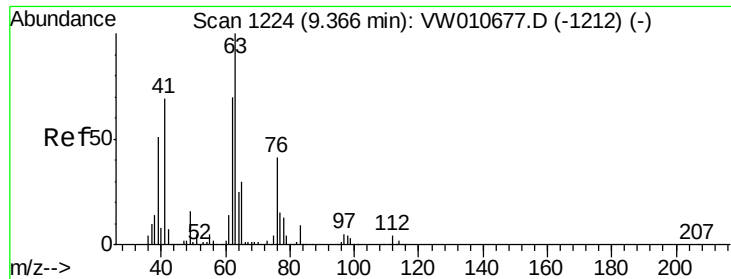
Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion:	130	Resp:	438106
Ion	Ratio	Lower	Upper
130	100		
95	102.6	0.0	207.0





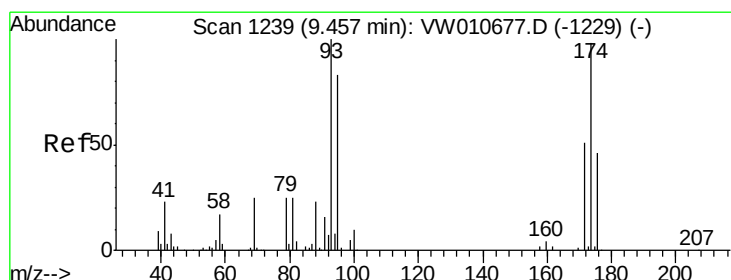
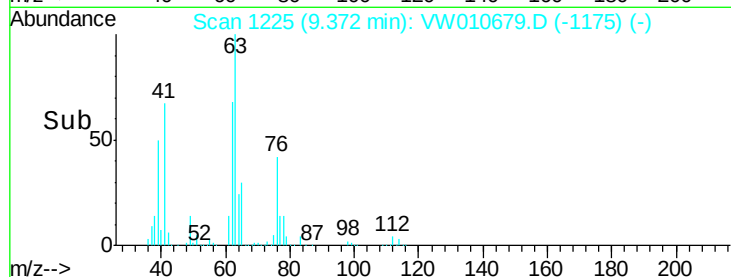
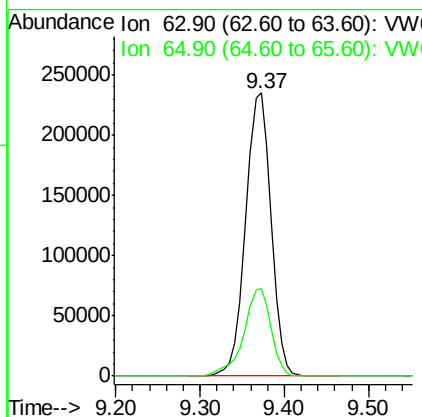
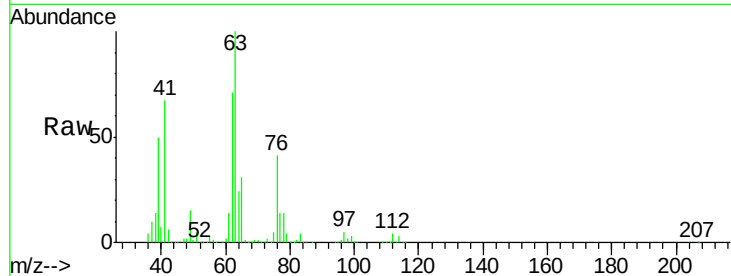
#45
 1,2-Dichloropropane
 Concen: 156.496 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion: 63 Resp: 475854
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.8 35.6

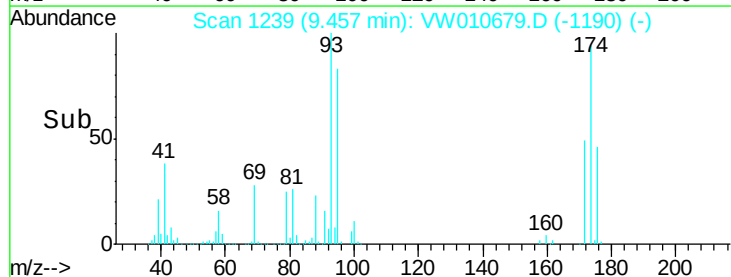
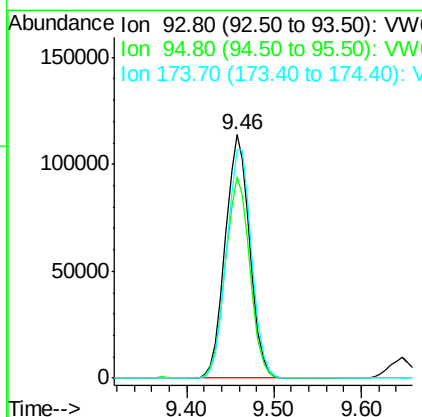
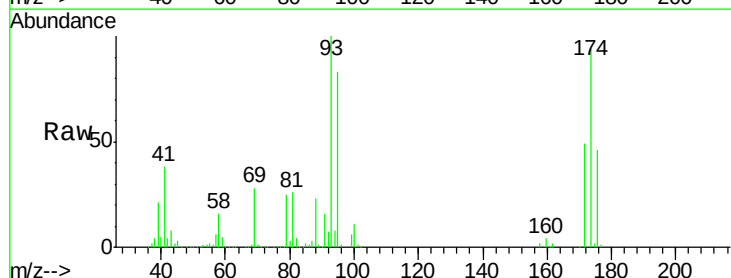
Manual Integrations
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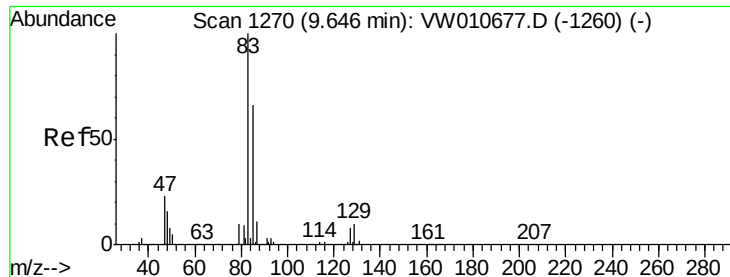
MMDadoda
 6/5/2019 3:05:11 PM



#46
 Dibromomethane
 Concen: 156.081 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion: 93 Resp: 220435
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.8 98.8
 174 96.8 77.4 116.0





#47

Bromodichloromethane

Concen: 163.545 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

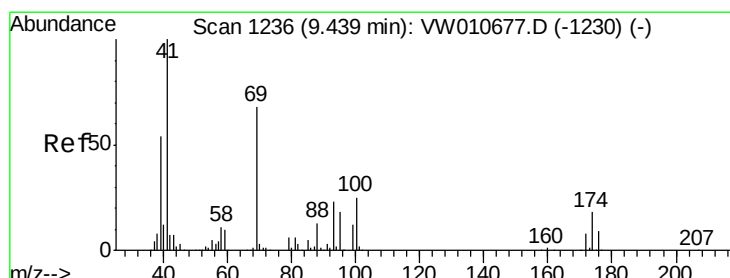
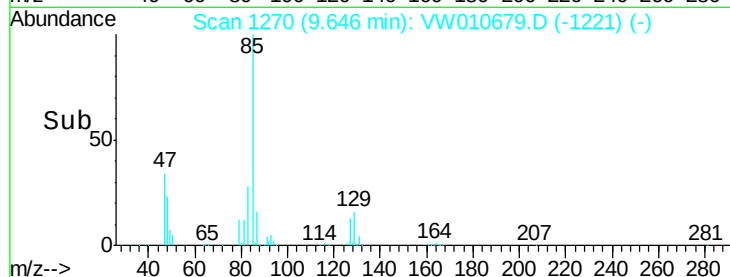
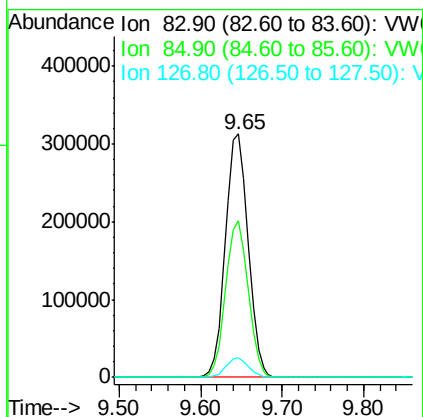
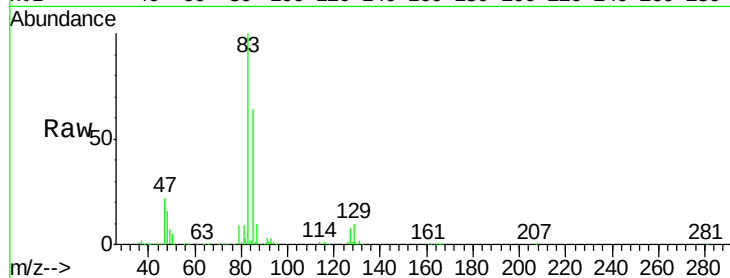
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	598731
Ion	Ratio	Lower	Upper
83	100		
85	64.4	53.0	79.4
127	8.1	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 162.385 ug/l

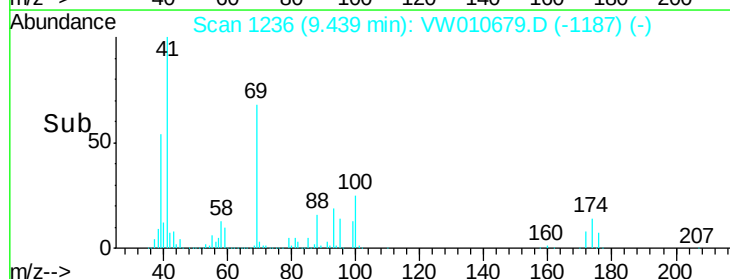
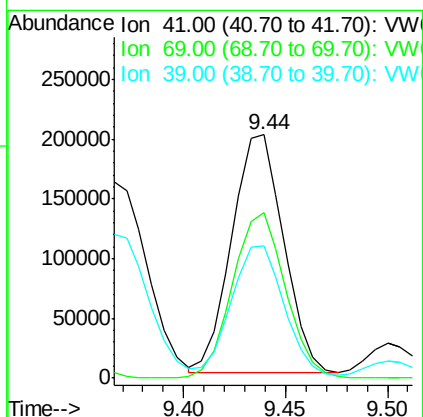
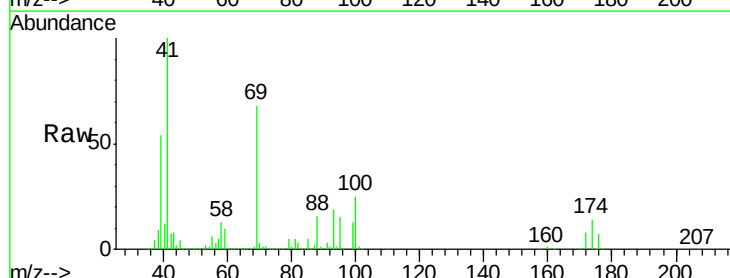
RT: 9.44 min Scan# 1236

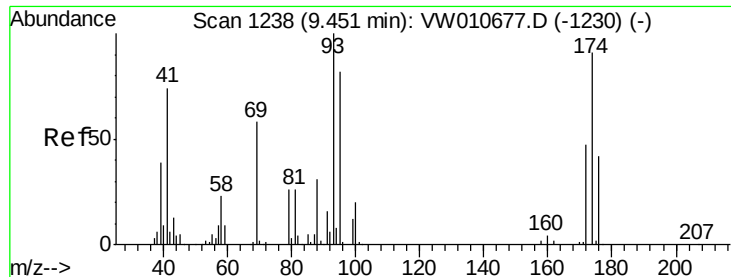
Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion:	41	Resp:	352921
Ion	Ratio	Lower	Upper
41	100		
69	71.0	56.6	85.0
39	54.7	44.4	66.6





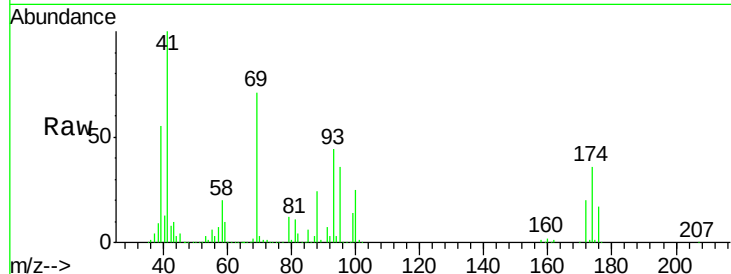
#49
1,4-Dioxane
Concen: 3343.583 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	73829
Ion	Ratio	Lower	Upper
88	100		
43	41.8	34.2	51.4
58	80.2	69.0	103.4

Manual Integrations
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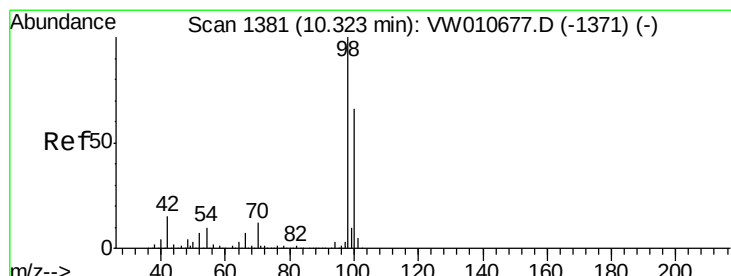
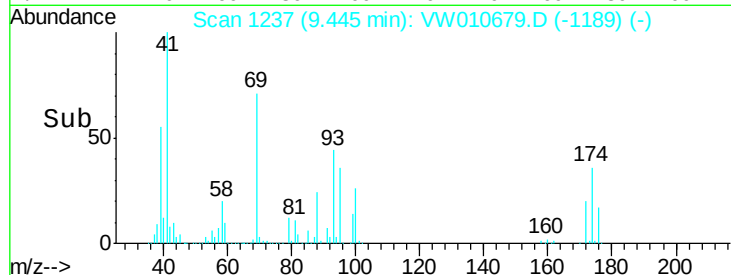
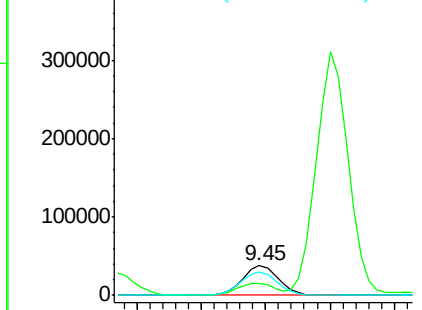


Abundance

Ion 88.00 (87.70 to 88.70): VW

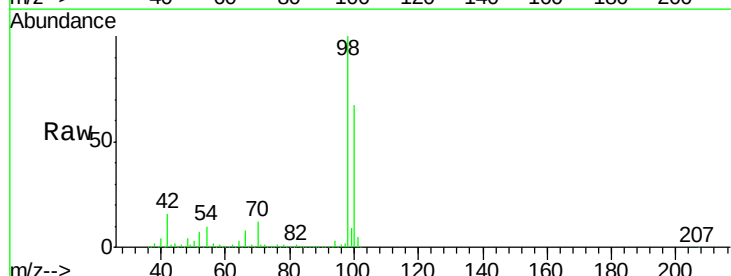
Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50
Toluene-d8
Concen: 157.473 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

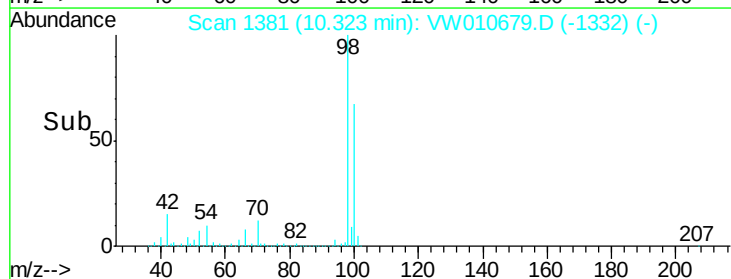
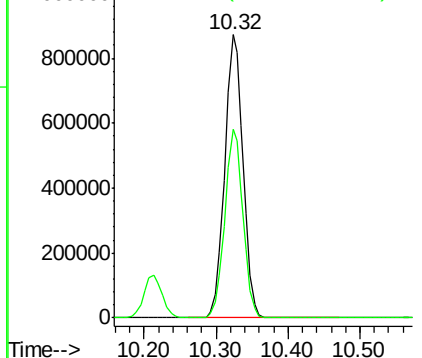
Tgt Ion	98	Resp	1541752
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.0	79.6

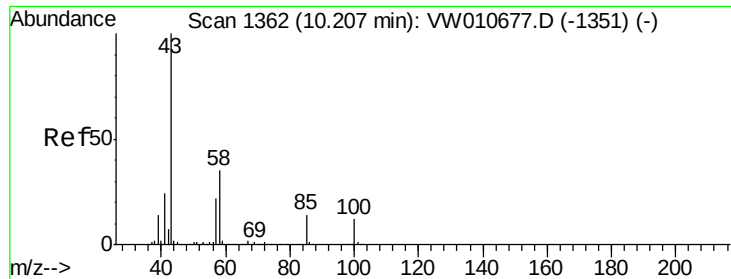


Abundance

Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 789.324 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 1817691

Ion Ratio Lower Upper

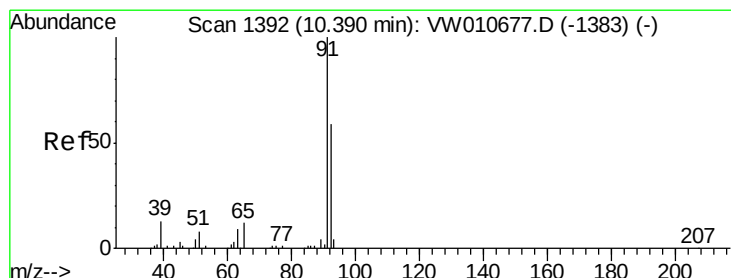
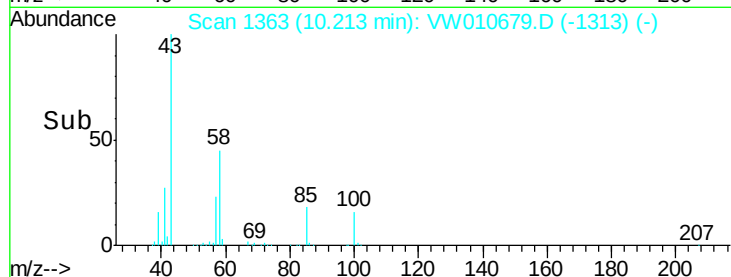
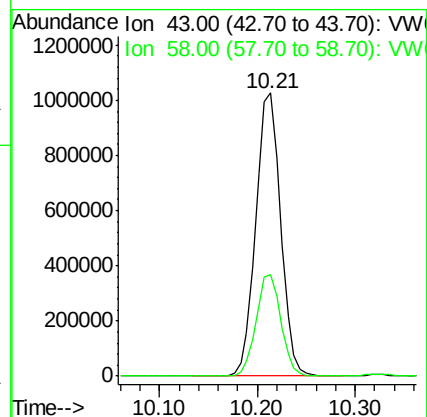
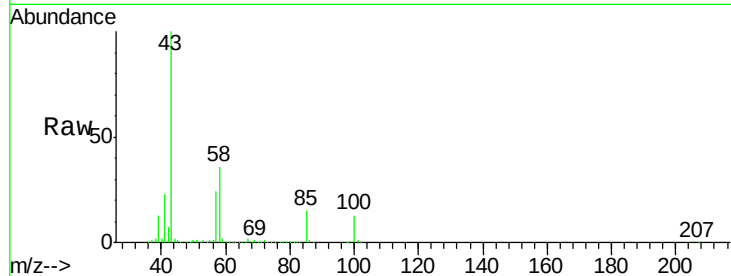
43 100

58 35.9 28.4 42.6

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#52

Toluene

Concen: 155.501 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010679.D

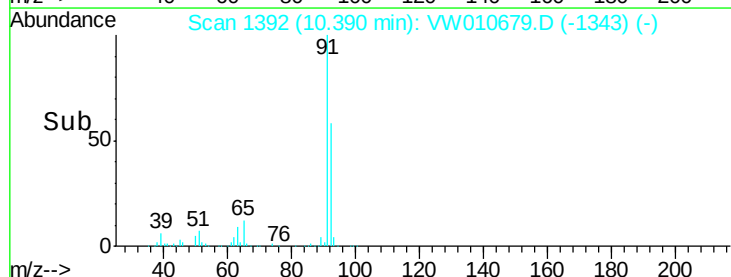
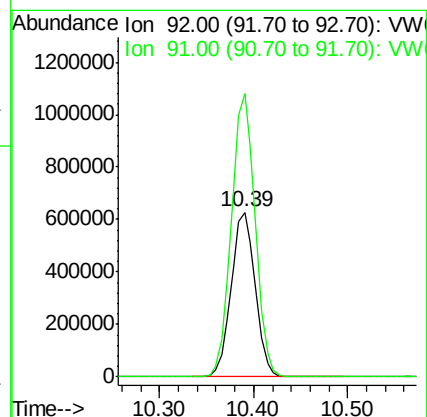
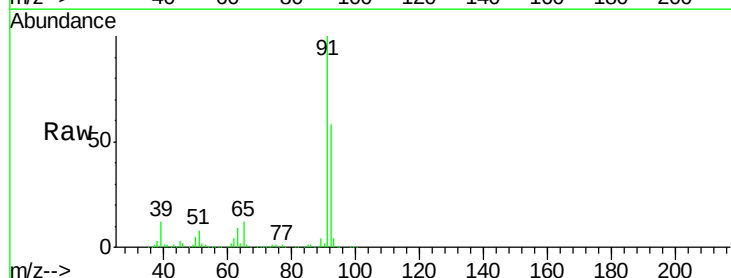
Acq: 04 Jun 2019 16:35

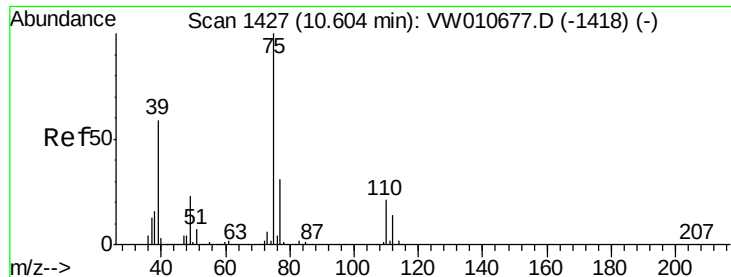
Tgt Ion: 92 Resp: 1099000

Ion Ratio Lower Upper

92 100

91 170.9 134.9 202.3





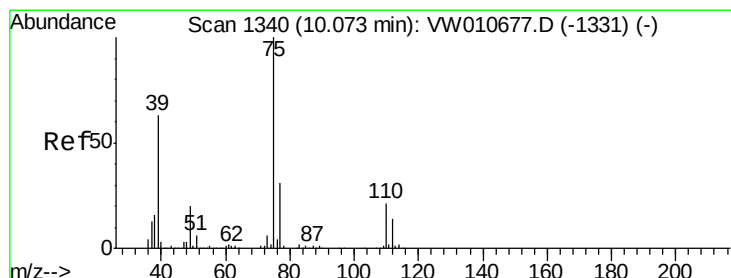
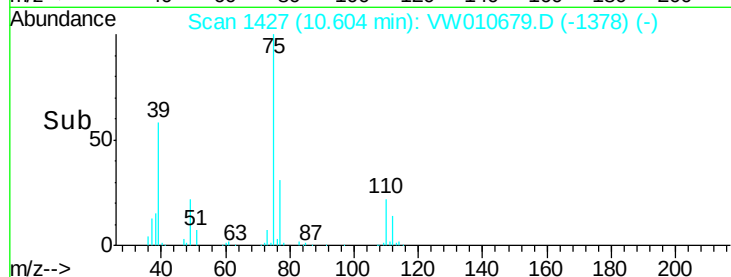
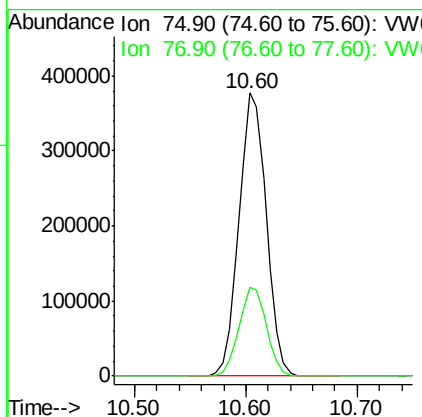
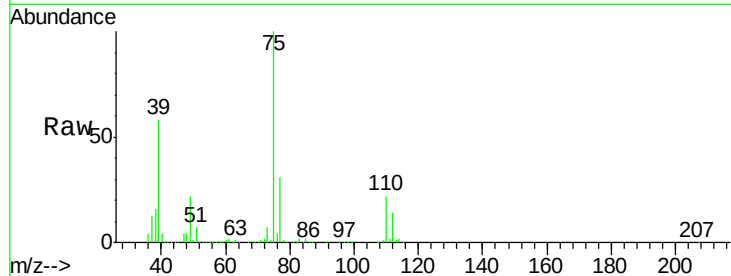
#53
 t-1,3-Dichloropropene
 Concen: 165.367 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	24.6	36.8

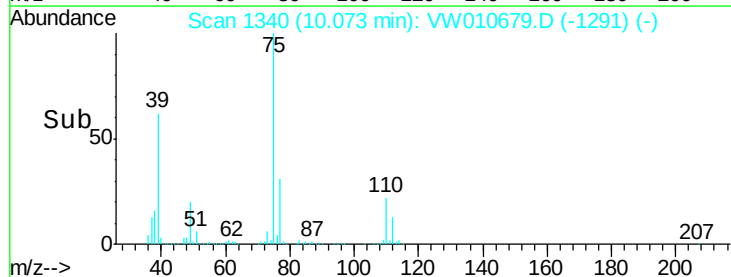
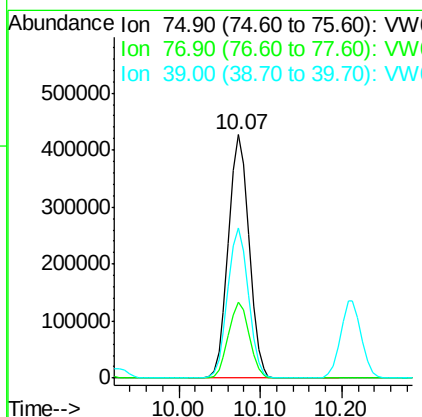
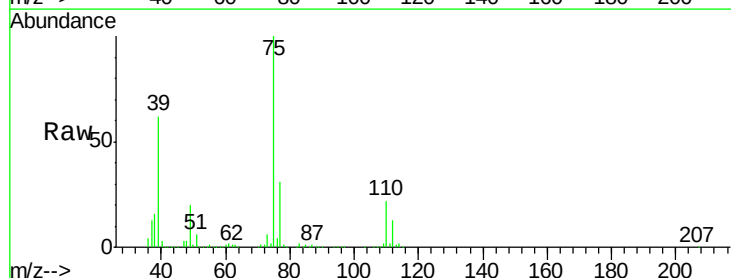
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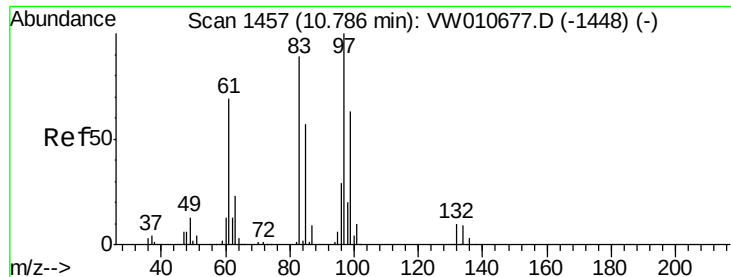
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#54
 cis-1,3-Dichloropropene
 Concen: 163.124 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.2	37.8
39	61.5	50.1	75.1





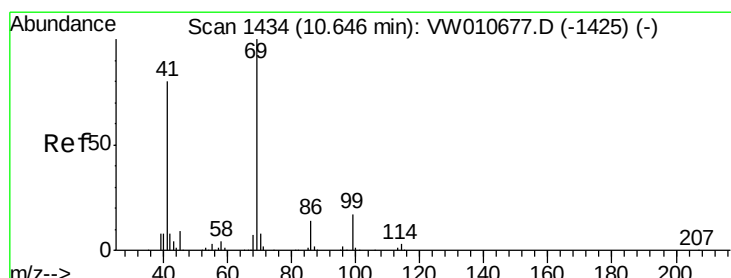
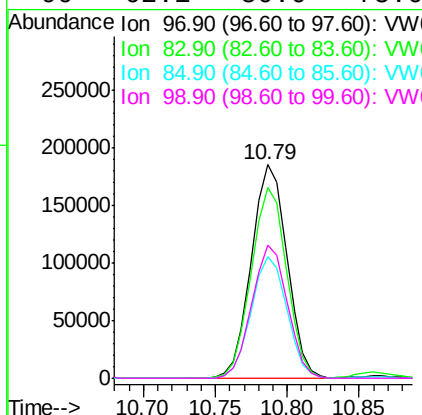
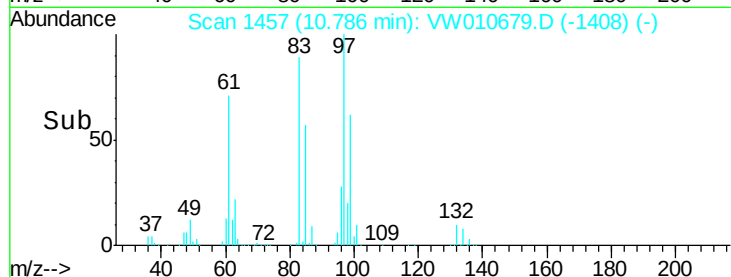
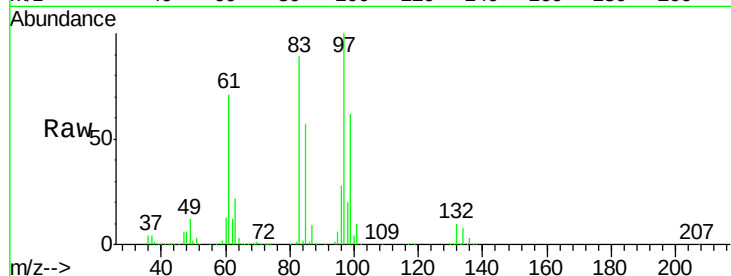
#55
 1,1,2-Trichloroethane
 Concen: 155.774 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
97	100	316934		
83	89.4	71.1	106.7	
85	57.0	45.2	67.8	
99	62.1	50.0	75.0	

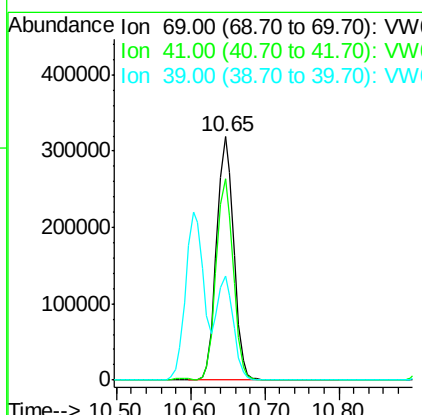
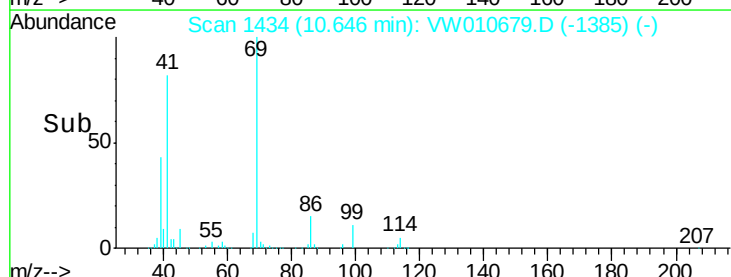
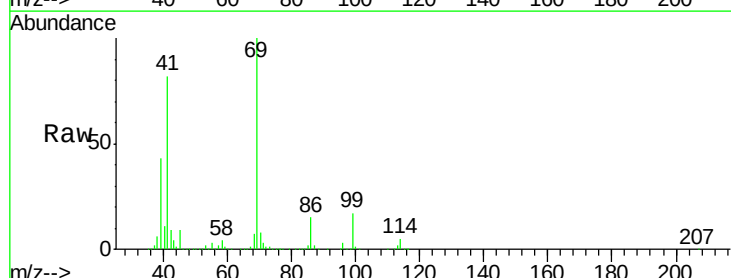
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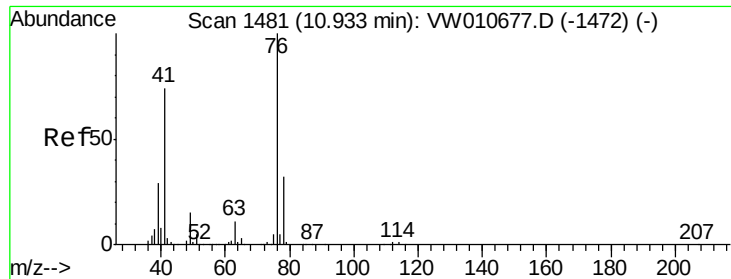
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 161.452 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	505453		
41	82.9	64.8	97.2	
39	40.7	32.2	48.2	





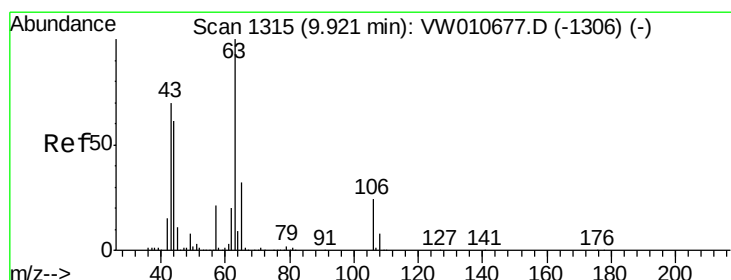
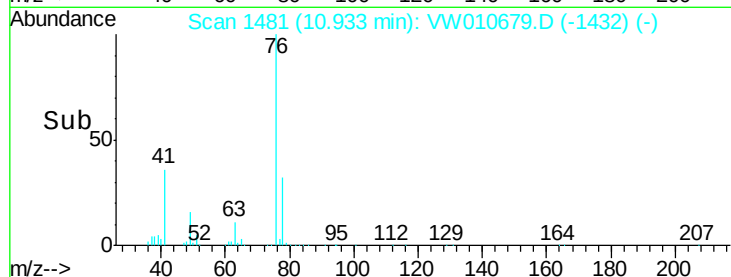
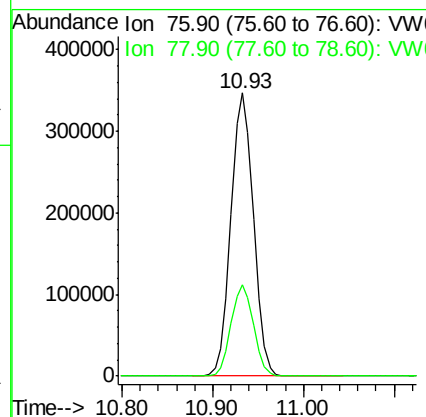
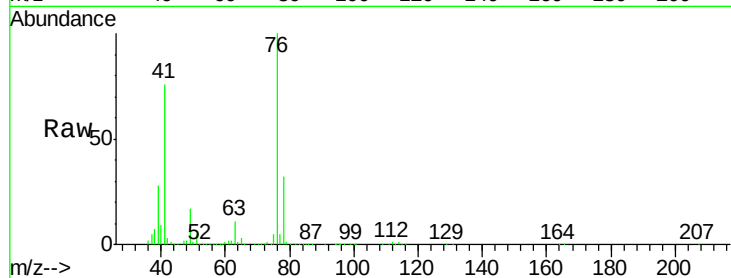
#57
 1,3-Dichloropropane
 Concen: 155.679 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

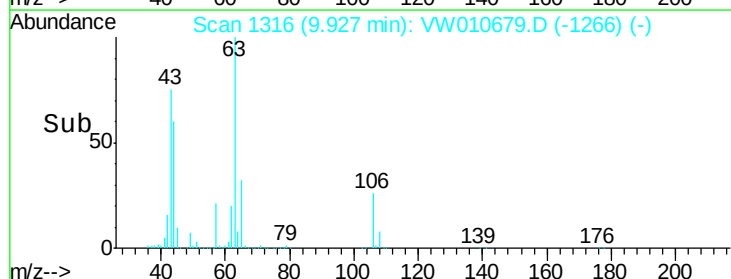
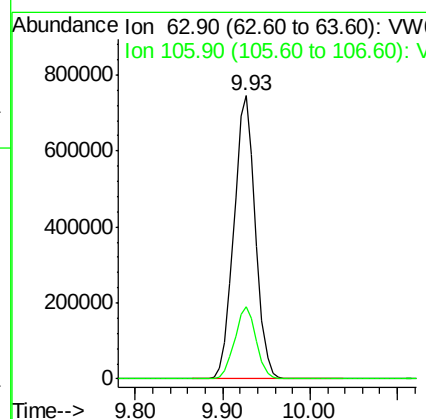
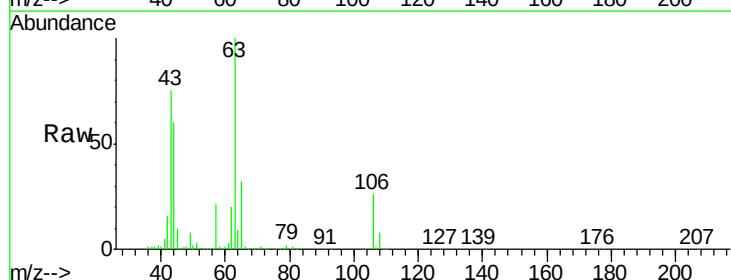
Manual Integrations
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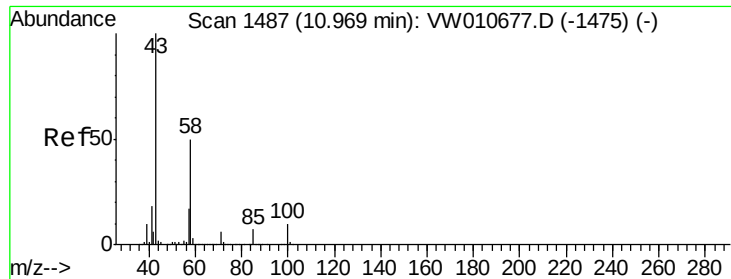
MMDadoda
 6/5/2019 3:05:11 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 774.652 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.5	20.1	30.1





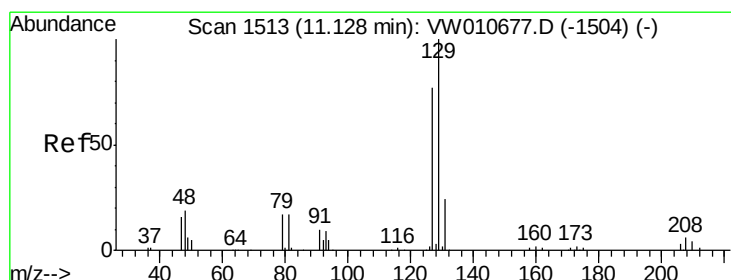
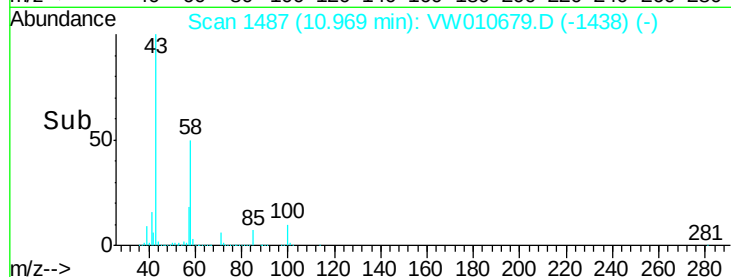
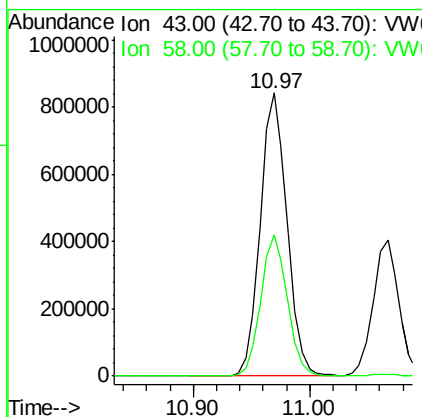
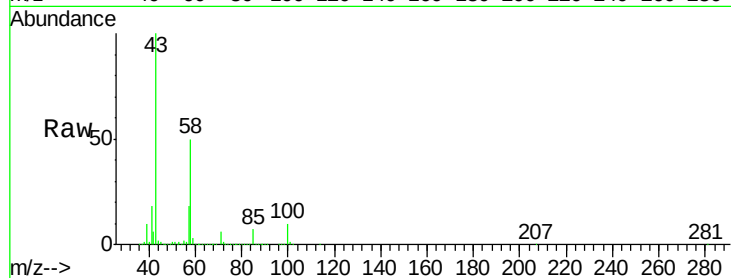
#59
2-Hexanone
Concen: 808.944 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1346340
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.6

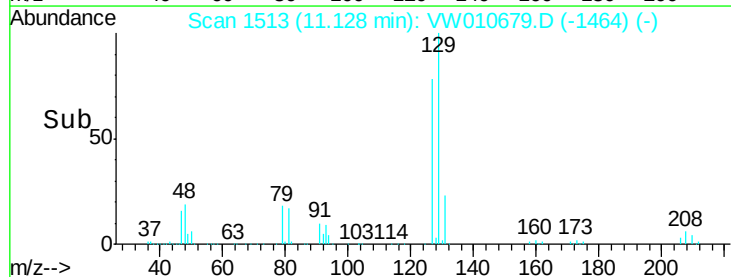
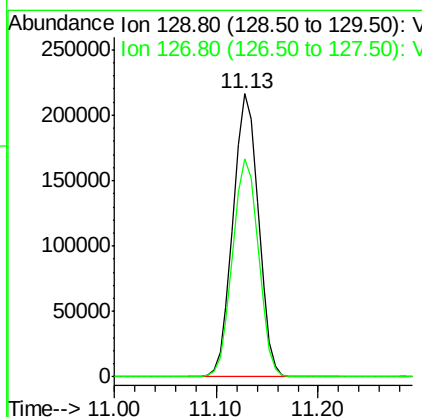
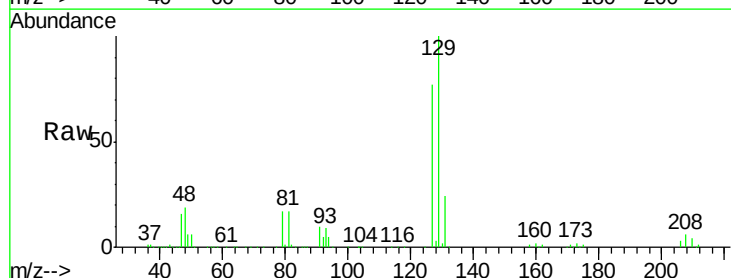
Manual Integrations
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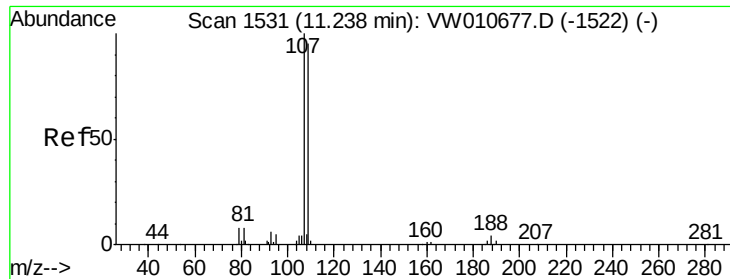
MMDadoda
6/5/2019 3:05:11 PM



#60
Dibromochloromethane
Concen: 165.684 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion: 129 Resp: 373682
Ion Ratio Lower Upper
129 100
127 78.0 38.6 116.0





#61

1,2-Dibromoethane

Concen: 157.604 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 303811

Ion Ratio Lower Upper

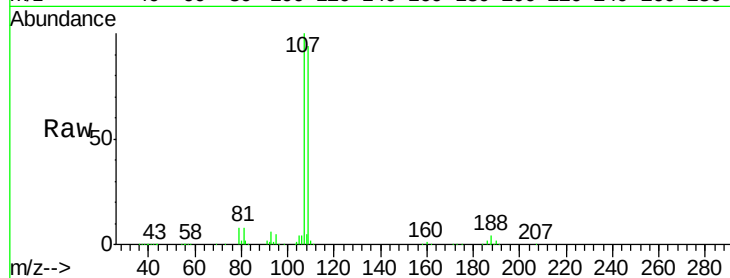
107 100

109 94.1 75.8 113.8

Manual Integrations
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MMDadoda

6/5/2019 3:05:11 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

200000

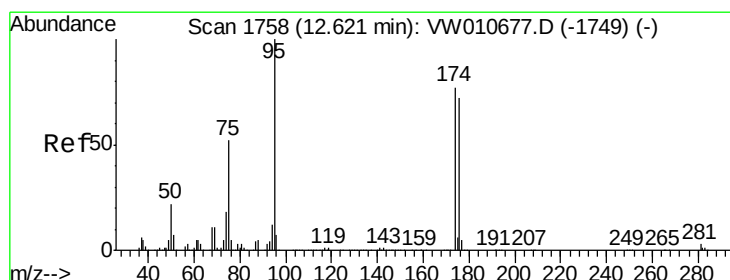
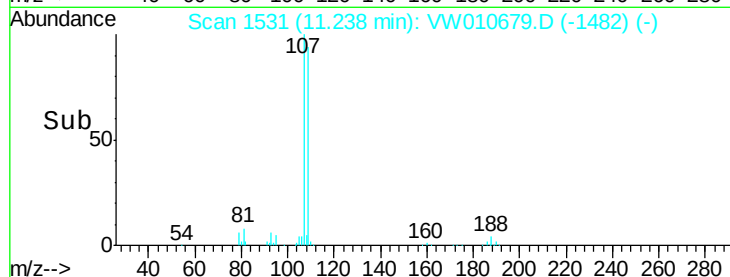
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 161.590 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

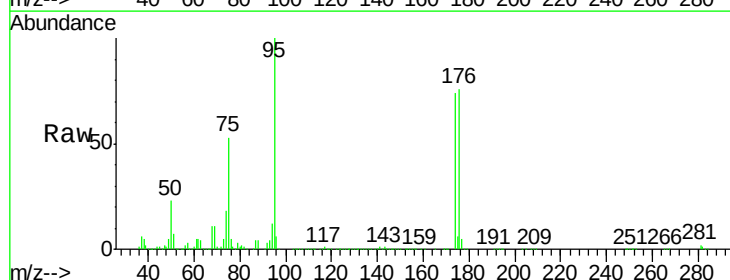
Tgt Ion: 95 Resp: 575688

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.4

176 74.0 0.0 144.8



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

12.62

500000

400000

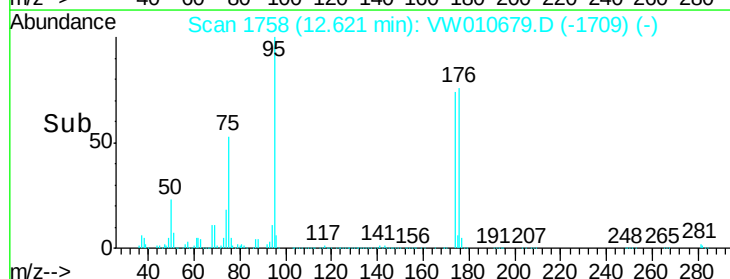
300000

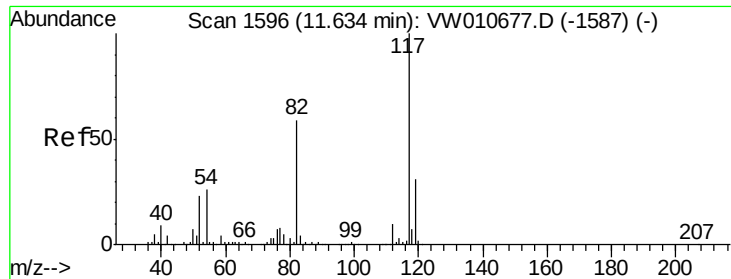
200000

100000

0

Time-->





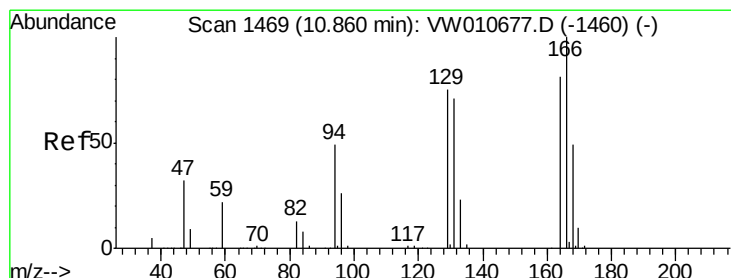
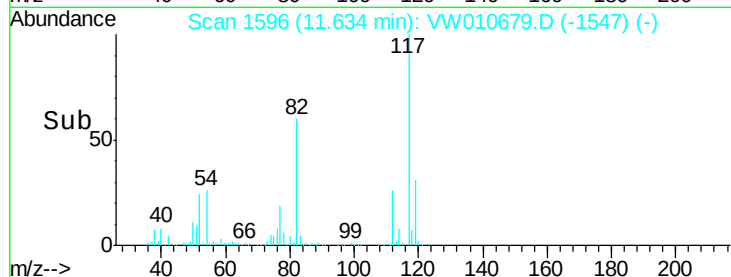
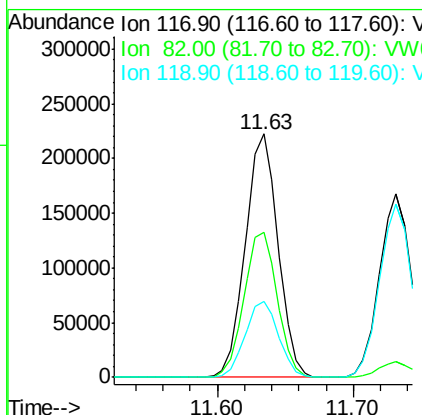
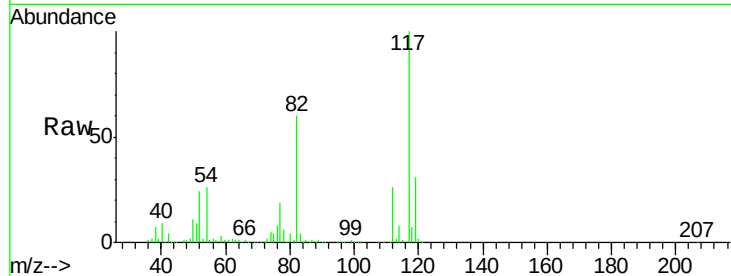
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	375204		
82	59.7	47.0	70.4	
119	31.2	25.1	37.7	

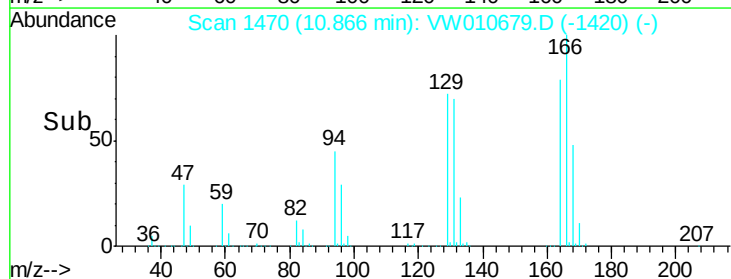
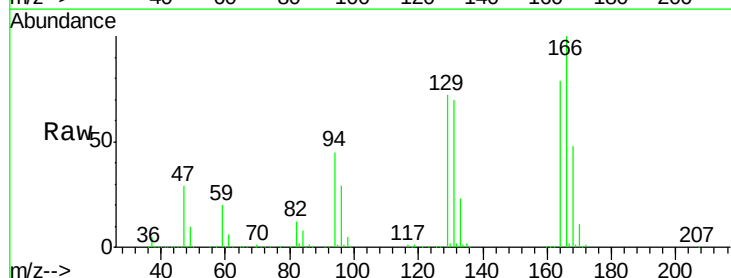
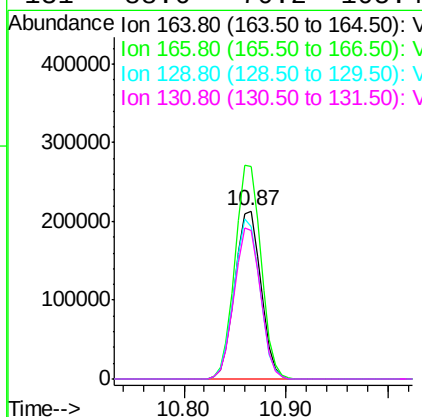
Manual Integrations
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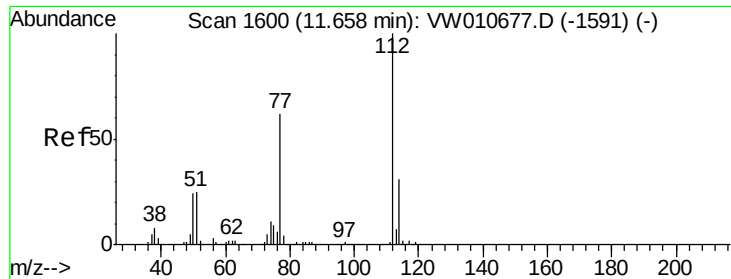
MMDadoda
6/5/2019 3:05:11 PM



#64
Tetrachloroethene
Concen: 150.587 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	375142		
166	126.7	99.2	148.8	
129	90.9	74.6	112.0	
131	88.6	70.2	105.4	





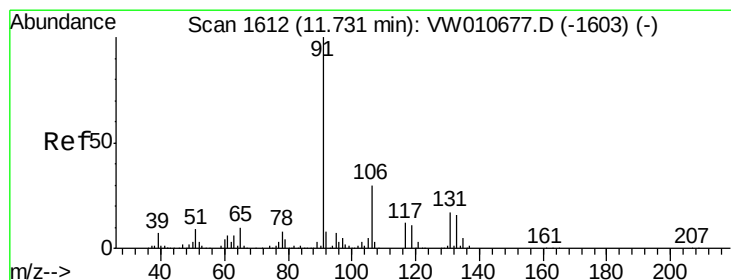
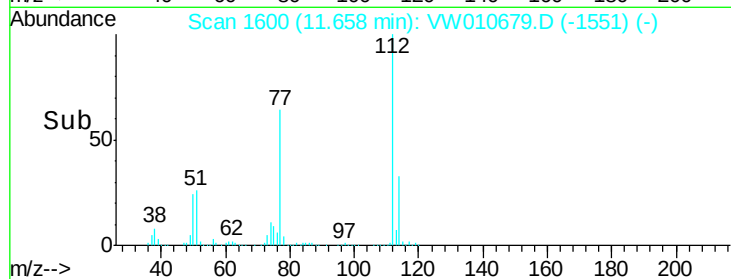
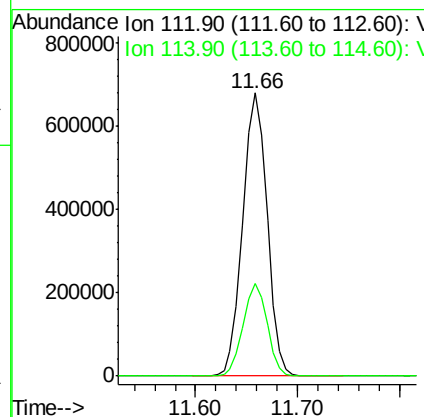
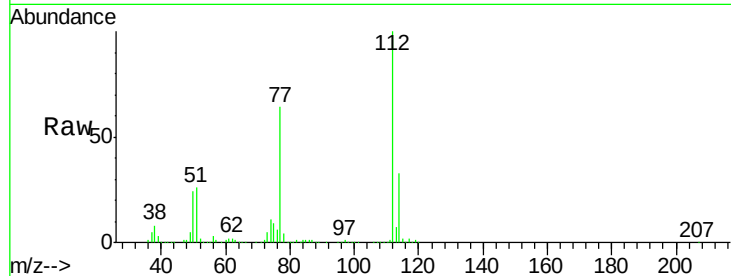
#65
Chlorobenzene
Concen: 152.260 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 1123423
Ion Ratio Lower Upper
112 100
114 32.6 24.8 37.2

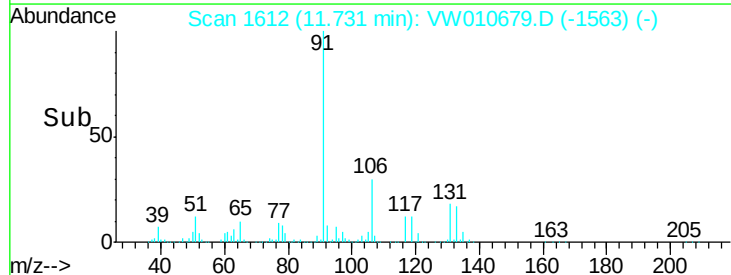
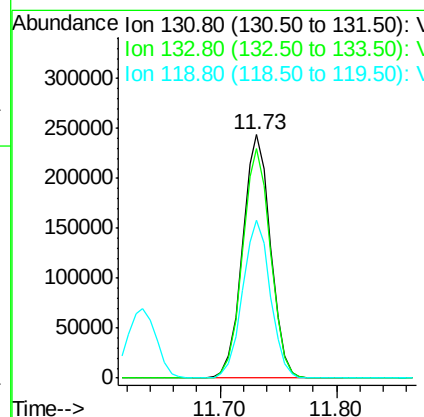
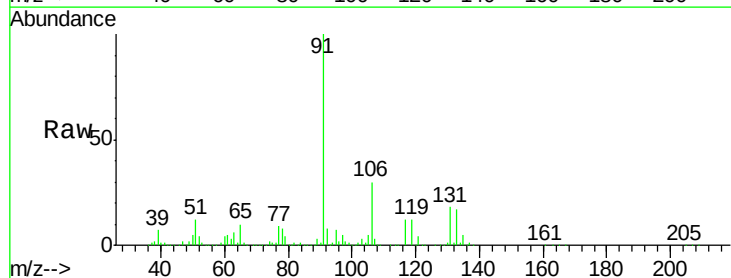
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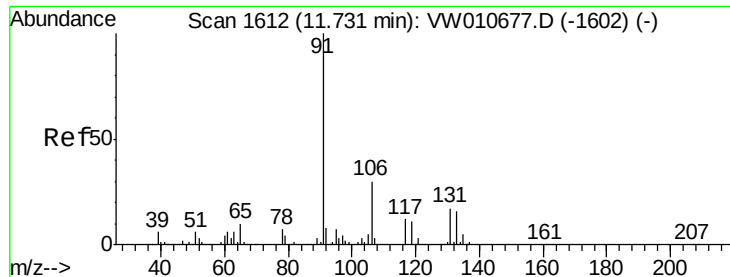
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 159.235 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion:131 Resp: 406707
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.9
119 64.5 32.4 97.0





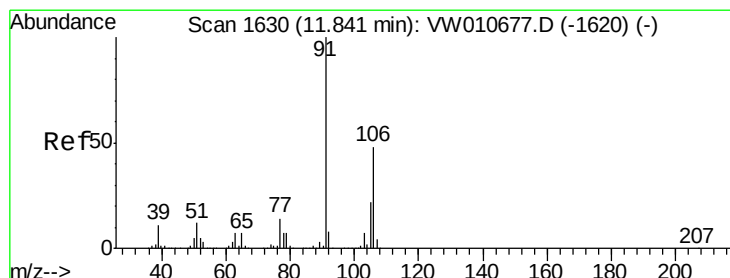
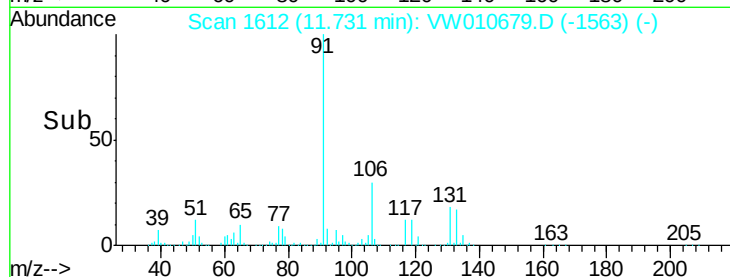
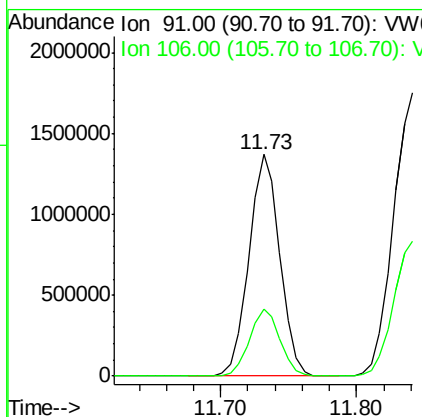
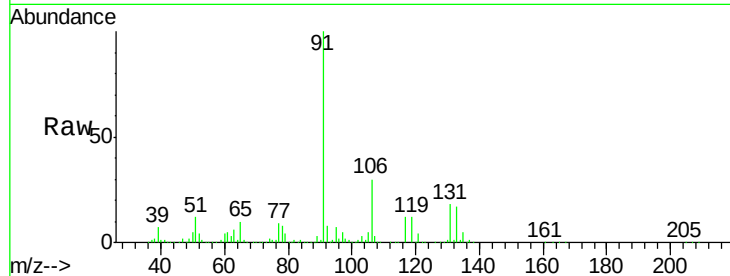
#67
Ethyl Benzene
Concen: 153.303 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2173853
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.4

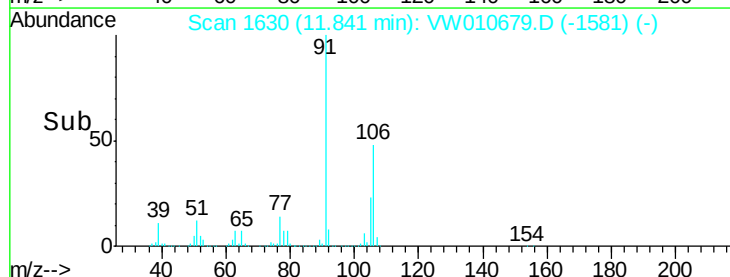
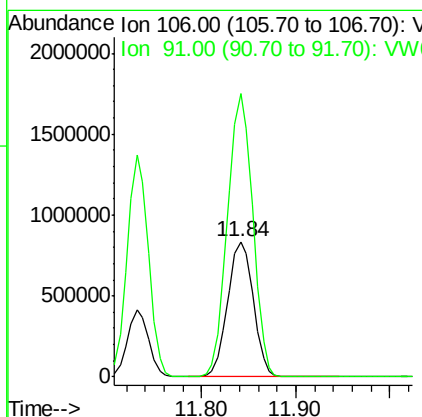
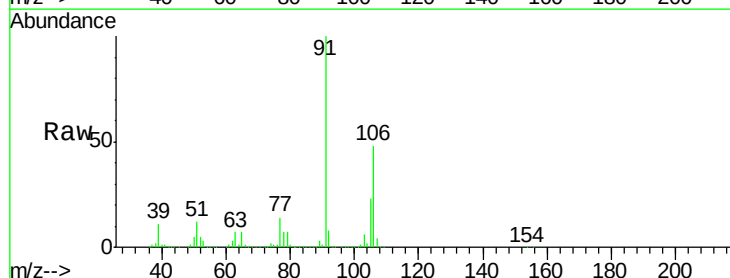
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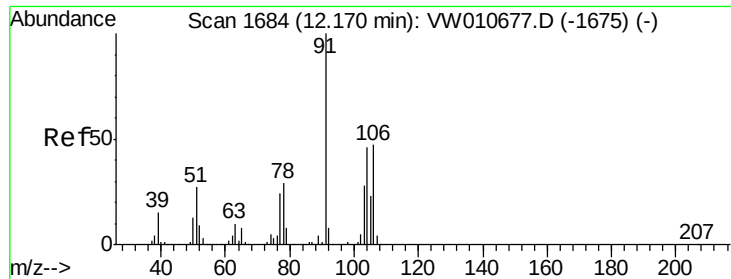
MMDadoda
6/5/2019 3:05:11 PM



#68
m/p-Xylenes
Concen: 310.649 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion: 106 Resp: 1576881
Ion Ratio Lower Upper
106 100
91 206.8 166.5 249.7





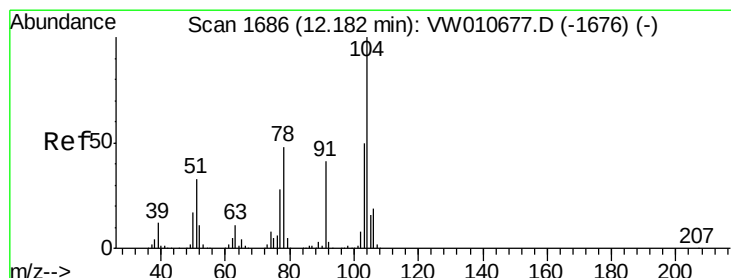
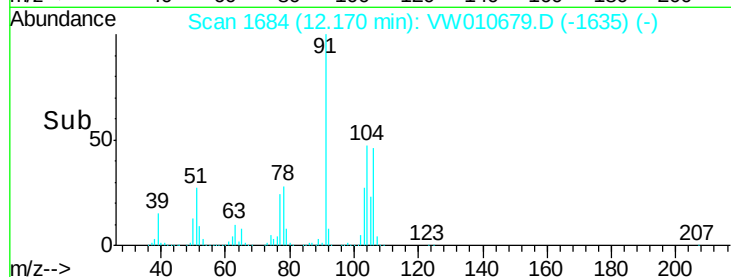
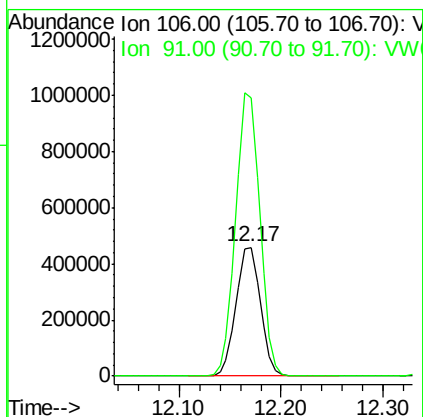
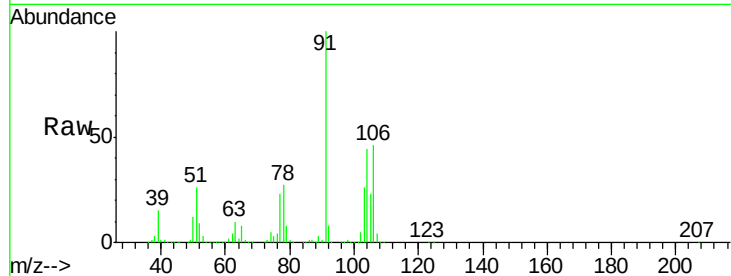
#69
o-Xylene
Concen: 157.721 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	218.0	108.9	759314	326.6	

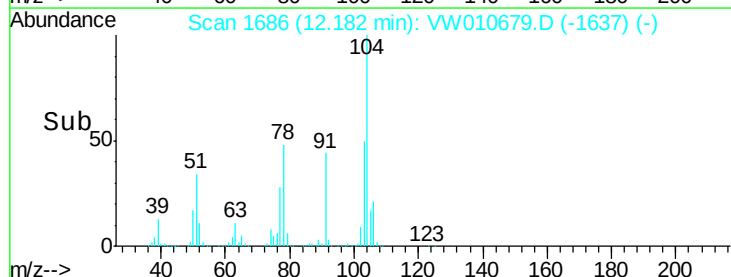
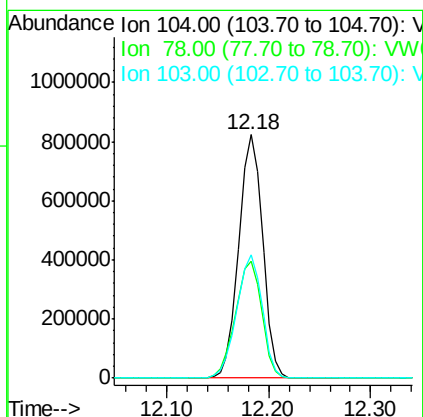
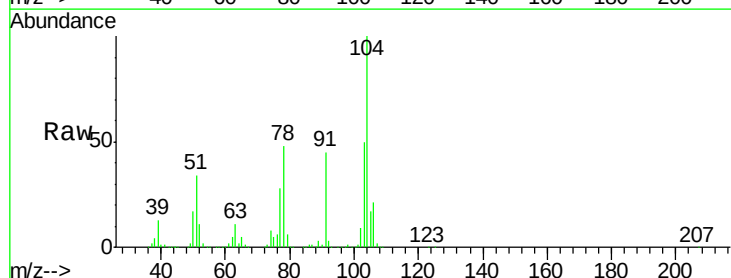
Manual Integrations
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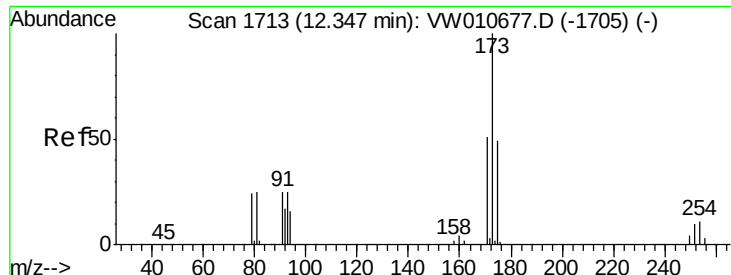
MMDadoda
6/5/2019 3:05:11 PM



#70
Styrene
Concen: 159.388 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	53.0	42.7	1332972	64.1	
103	54.2	43.6		65.4	





#71

Bromoform

Concen: 168.373 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:173 Resp: 222412

Ion Ratio Lower Upper

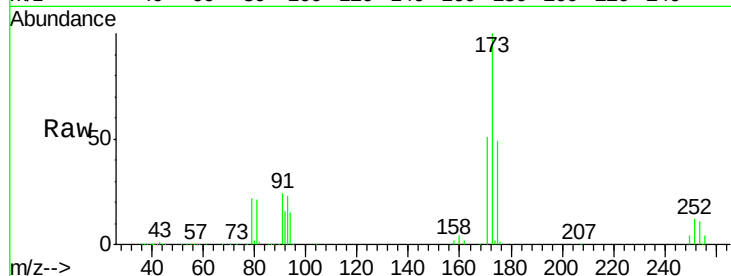
173 100

175 49.2 24.3 72.8

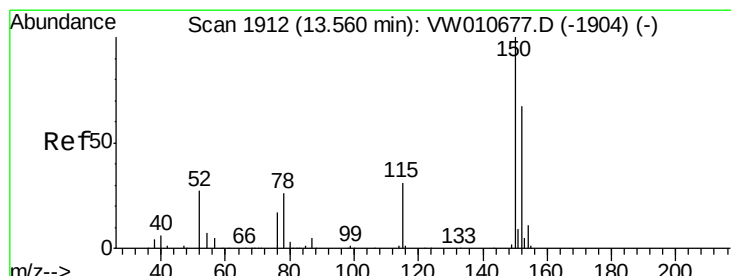
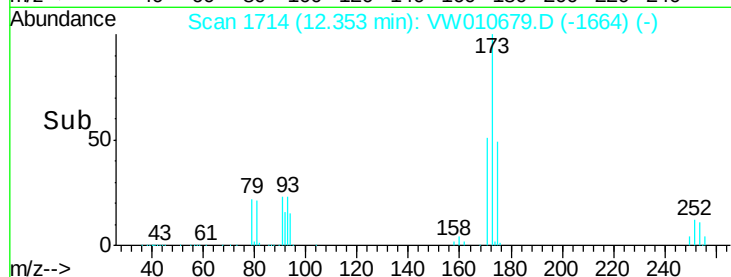
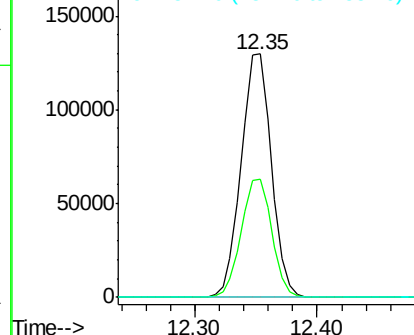
254 0.2 0.1 0.1#

Manual Integrations
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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: VW010679.D

Acq: 04 Jun 2019 16:35

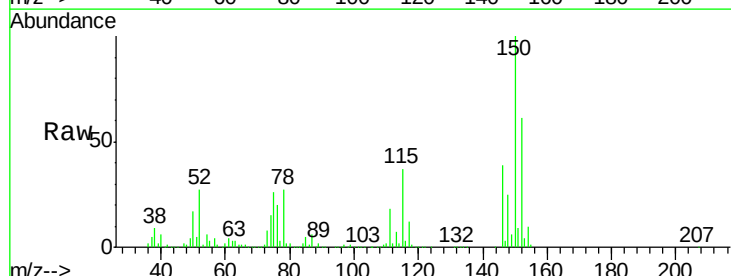
Tgt Ion:152 Resp: 182884

Ion Ratio Lower Upper

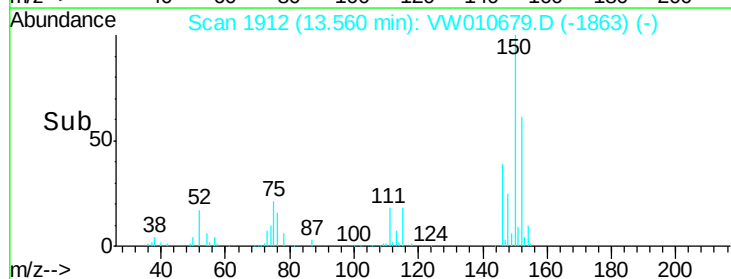
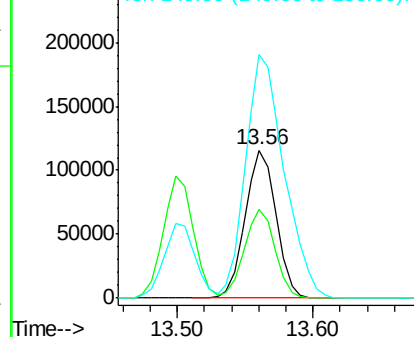
152 100

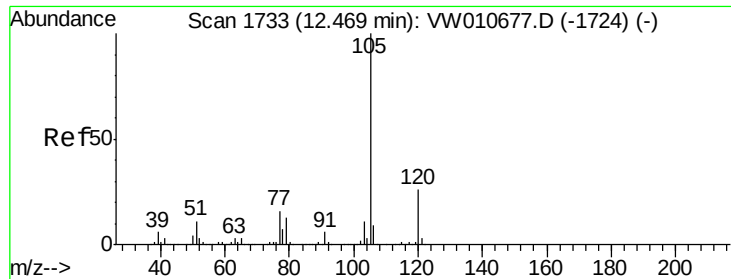
115 59.7 29.8 89.3

150 206.4 0.0 345.0



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: 150.265 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion:105 Resp: 2065089

Ion Ratio Lower Upper

105 100

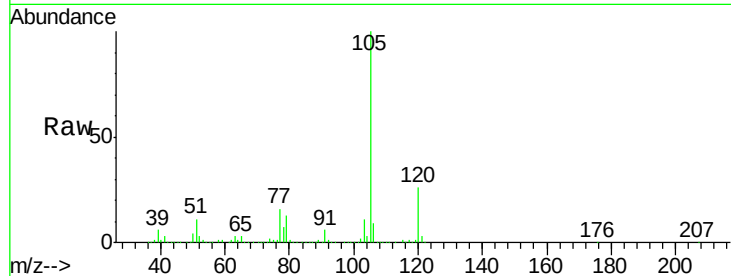
120 26.1 13.1 39.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

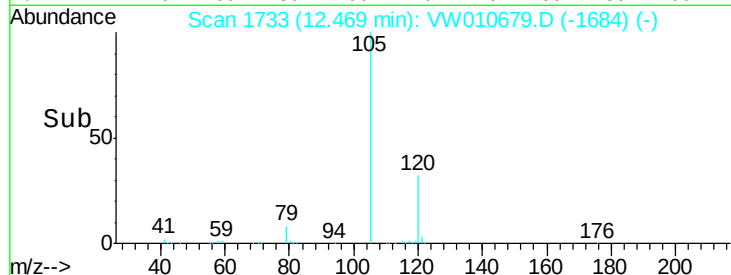
1500000

1000000

500000

0

Time-->



Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

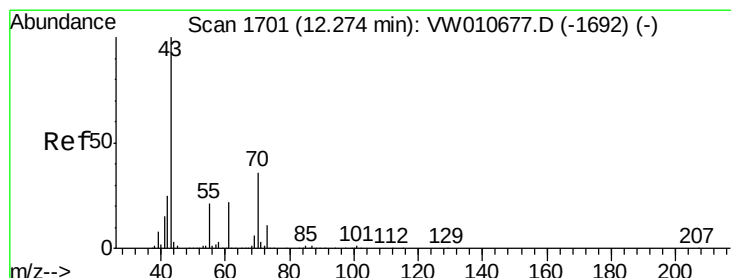
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 158.015 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion: 43 Resp: 701833

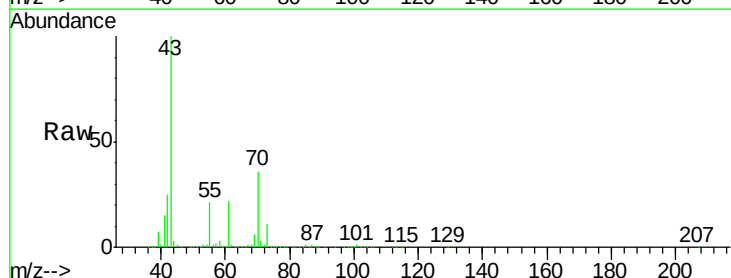
Ion Ratio Lower Upper

43 100

70 36.8 29.2 43.8

55 21.5 17.5 26.3

61 22.0 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

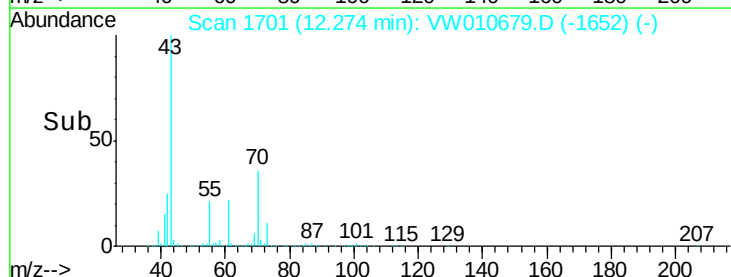
600000

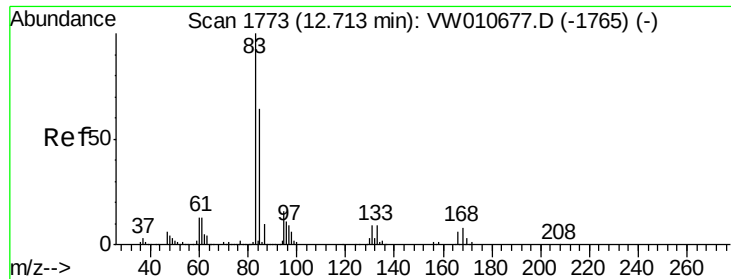
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 150.196 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

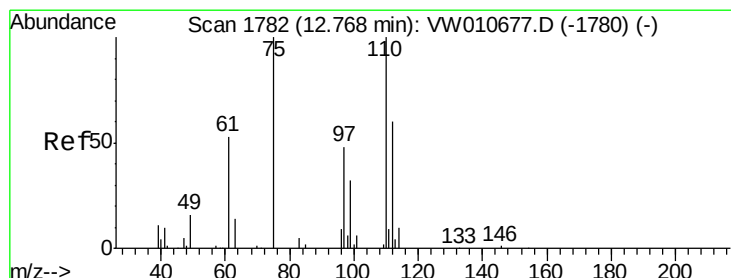
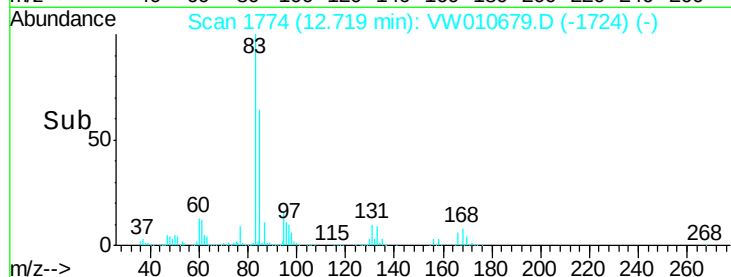
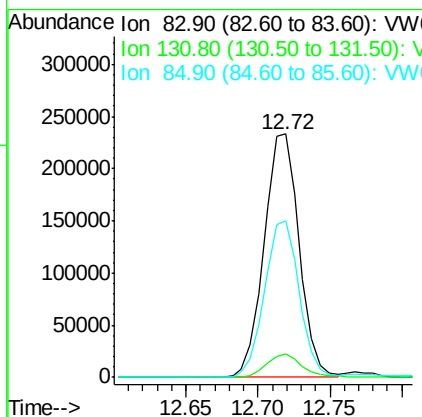
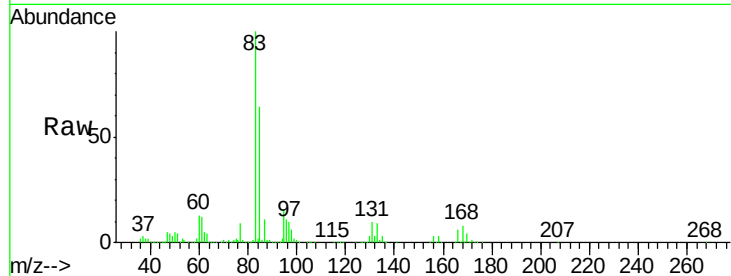
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	392959
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	63.6	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 111.486 ug/l m

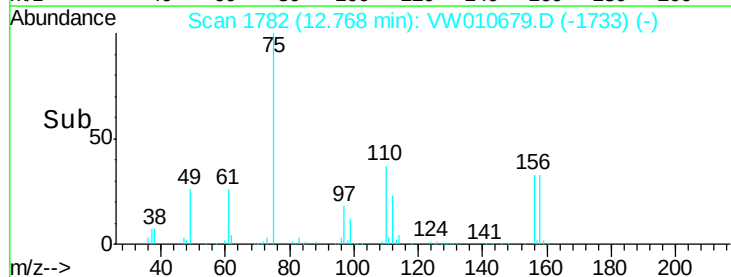
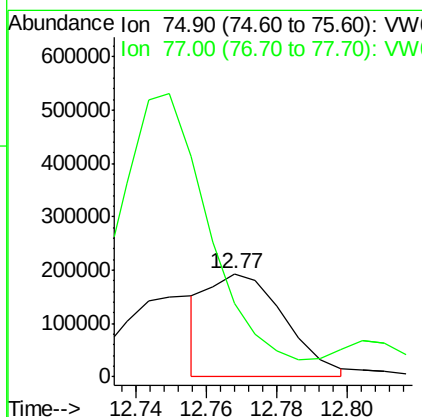
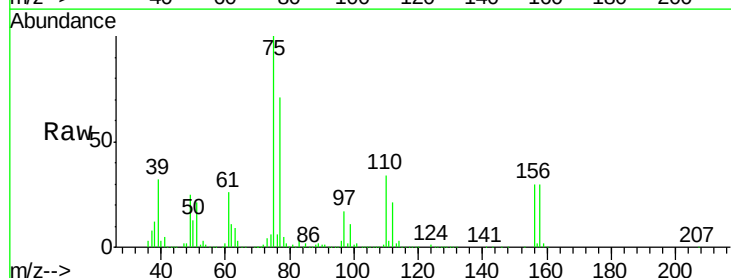
RT: 12.77 min Scan# 1782

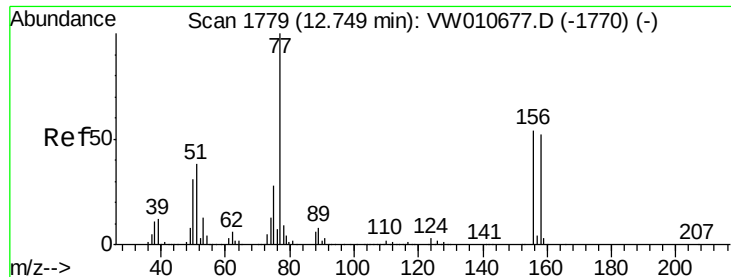
Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion:	75	Resp:	292089
Ion Ratio	Lower	Upper	
75	100		
77	333.2	0.0	0.0#





#77

Bromobenzene

Concen: 153.087 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

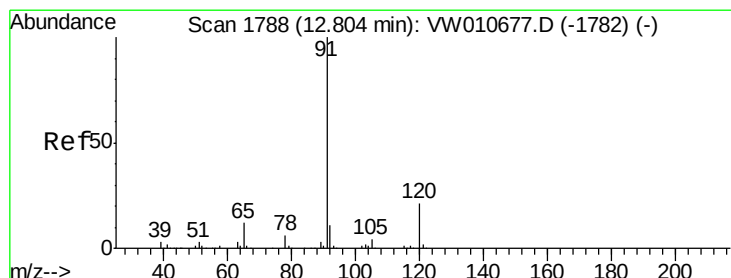
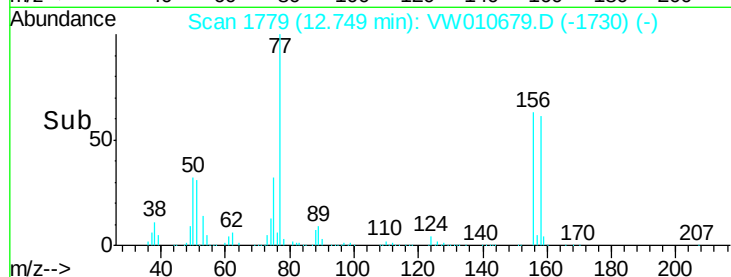
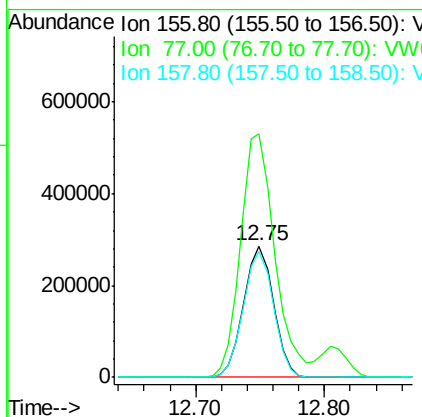
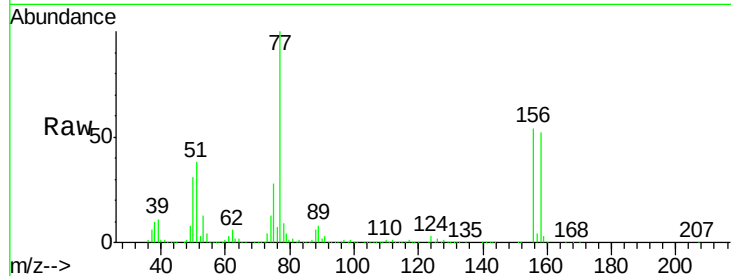
ClientSampled :

VSTDIC150

Tot Ion:	156	Resp:	459242
Ion Ratio	Lower	Upper	
156	100		
77	212.0	106.5	319.4
158	97.2	48.3	144.9

Manual Integrations
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#78

n-propylbenzene

Concen: 150.875 ug/l

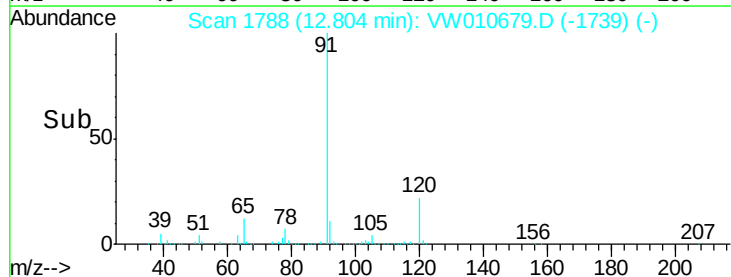
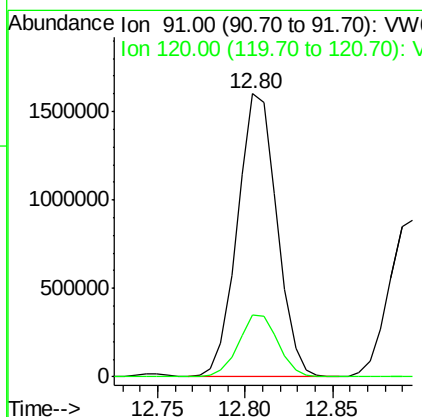
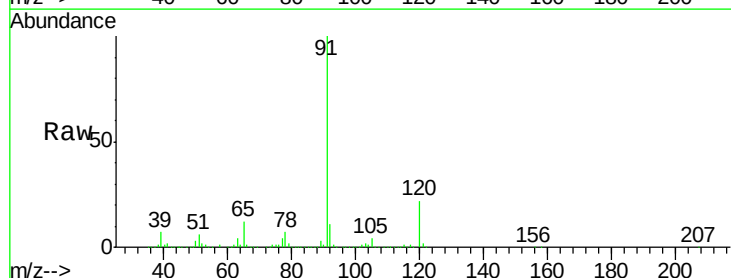
RT: 12.80 min Scan# 1788

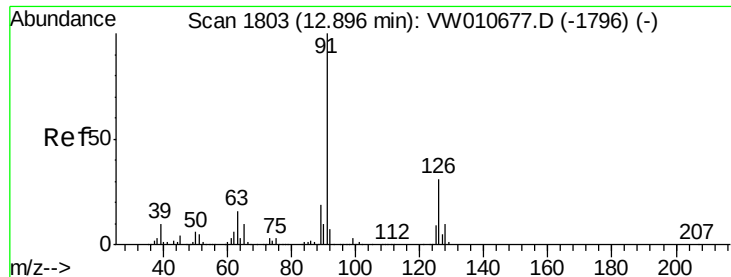
Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion:	91	Resp:	2500218
Ion Ratio	Lower	Upper	
91	100		
120	21.9	10.8	32.4





#79

2-Chlorotoluene

Concen: 151.336 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1432766

Ion Ratio Lower Upper

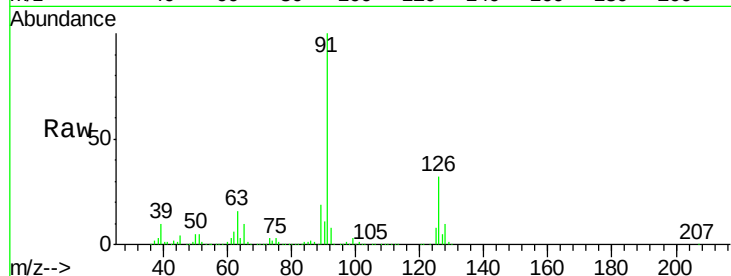
91 100

126 31.7 15.7 47.0

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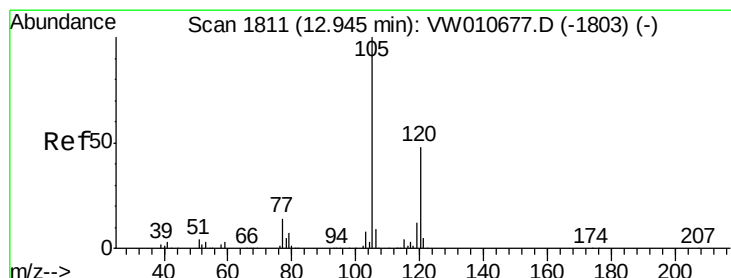
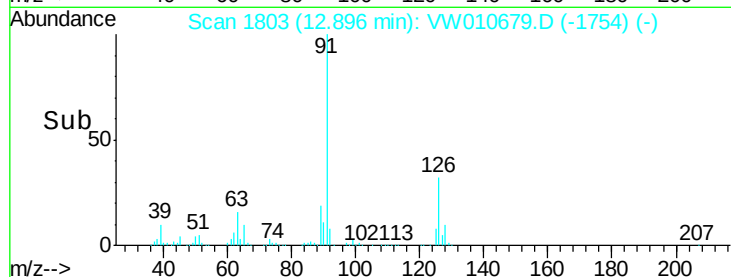
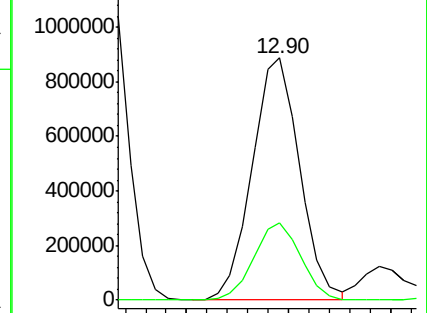
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 153.522 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010679.D

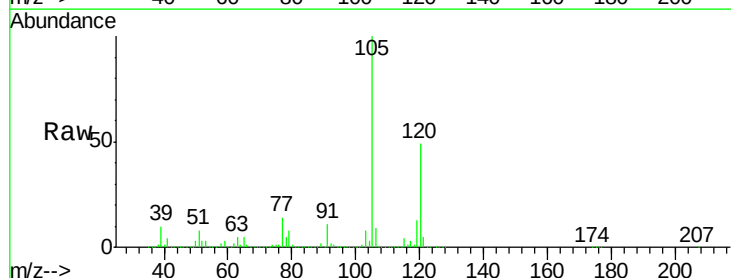
Acq: 04 Jun 2019 16:35

Tgt Ion: 105 Resp: 1726951

Ion Ratio Lower Upper

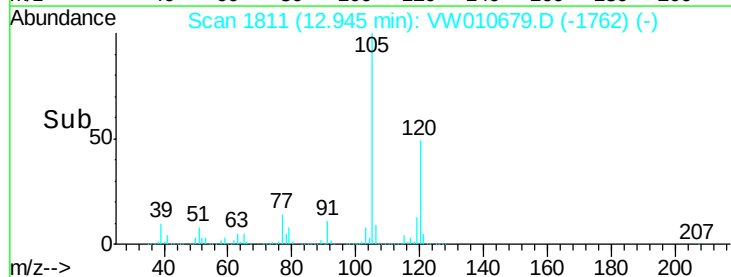
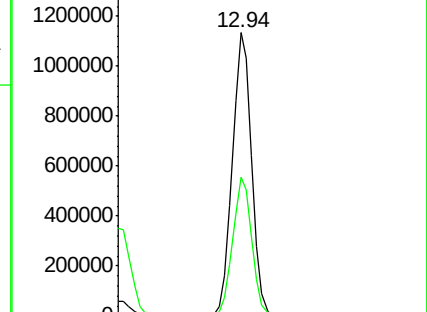
105 100

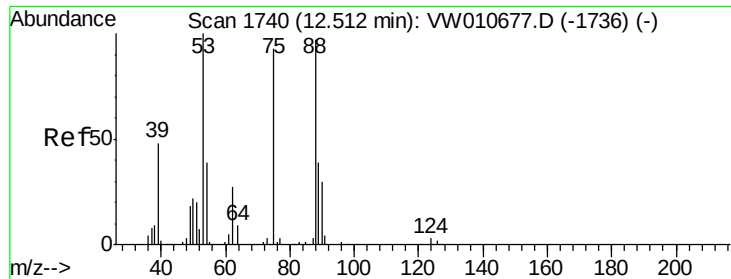
120 48.8 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 166.522 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

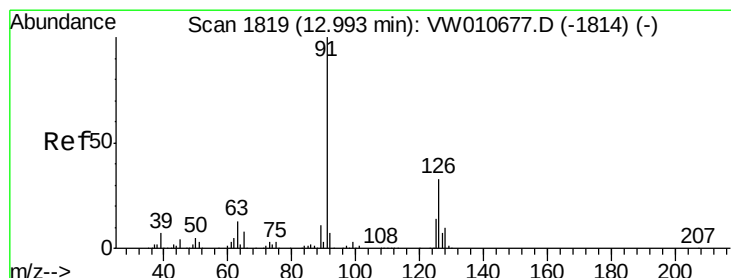
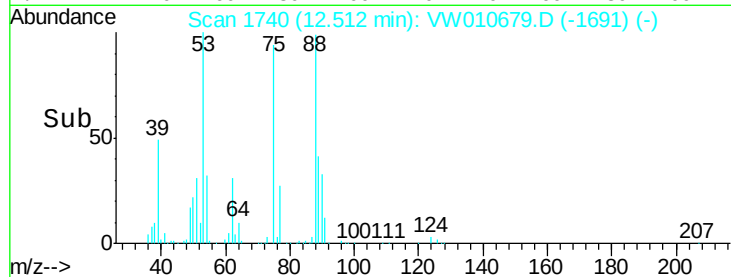
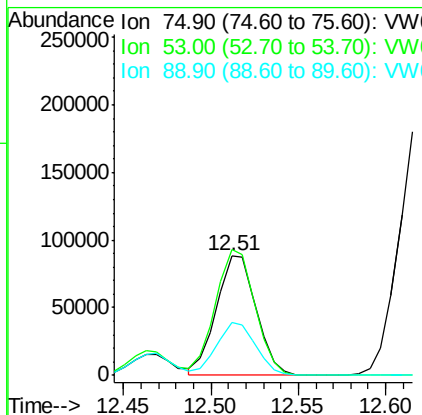
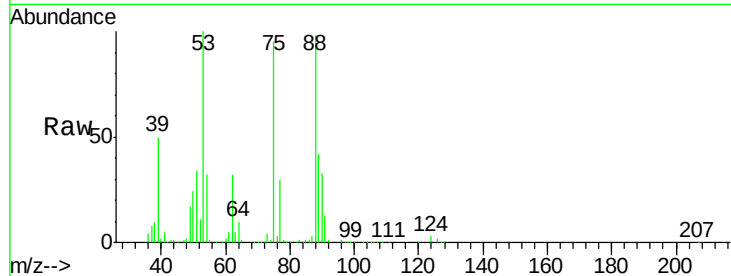
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.9	90.1	135.1
89	43.8	34.6	52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 152.476 ug/l

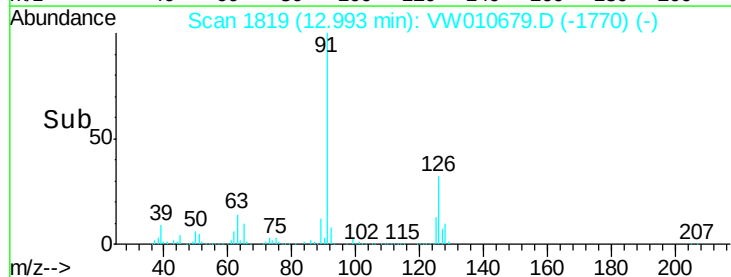
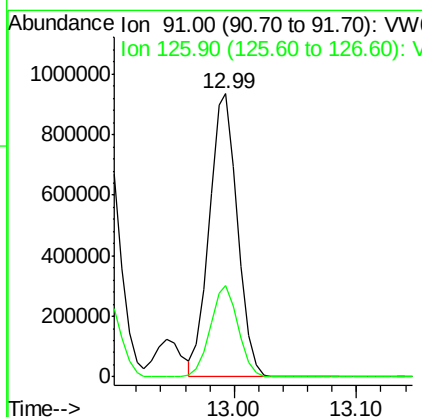
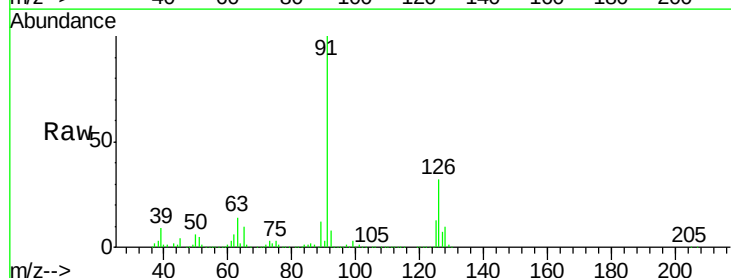
RT: 12.99 min Scan# 1819

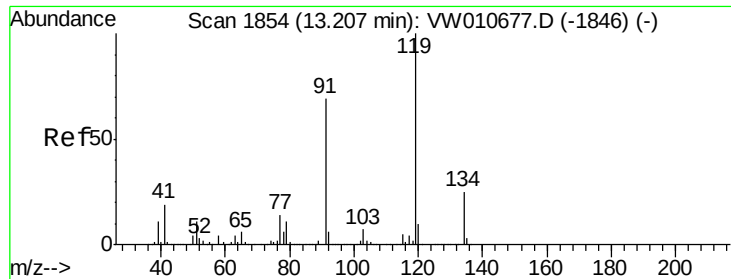
Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	15.9	47.7





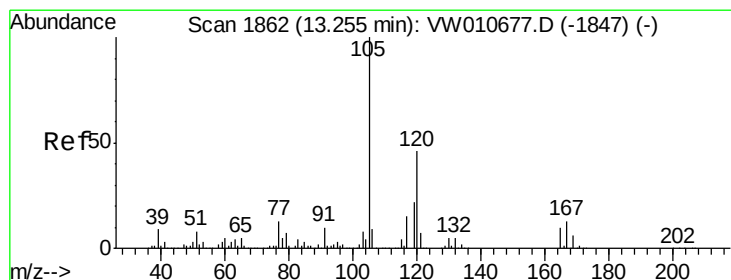
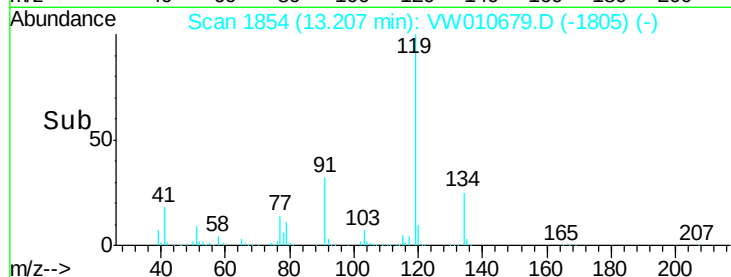
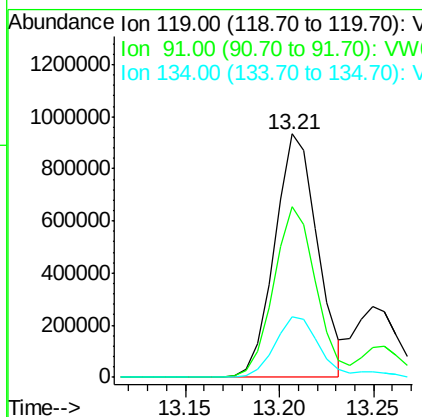
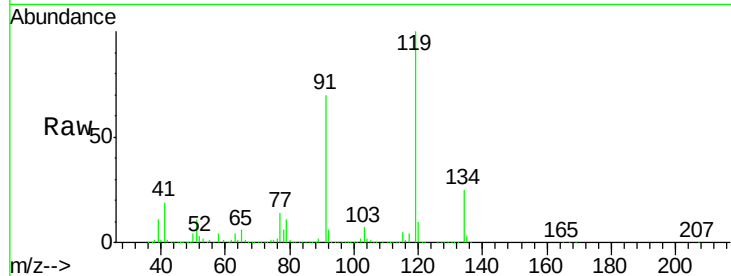
#83
 tert-Butylbenzene
 Concen: 153.911 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:119 Resp: 1469349
 Ion Ratio Lower Upper
 119 100
 91 69.7 35.1 105.3
 134 27.0 13.6 40.7

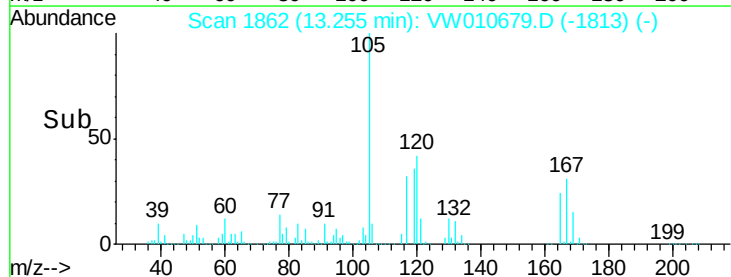
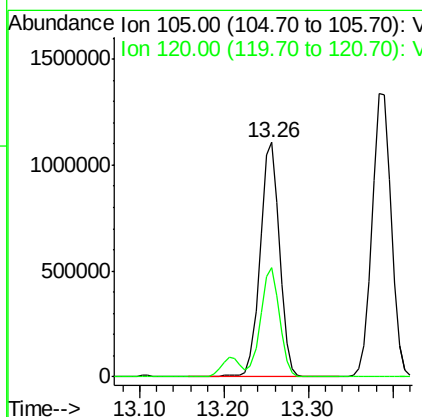
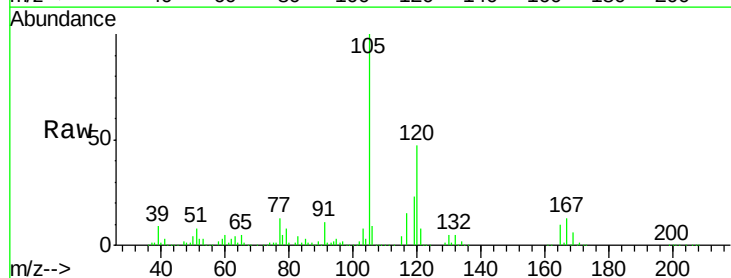
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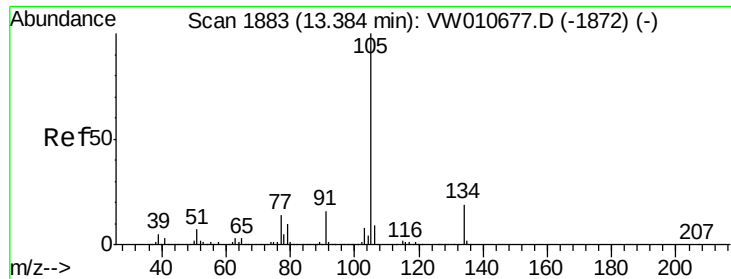
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#84
 1,2,4-Trimethylbenzene
 Concen: 154.094 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion:105 Resp: 1744295
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.5 67.5





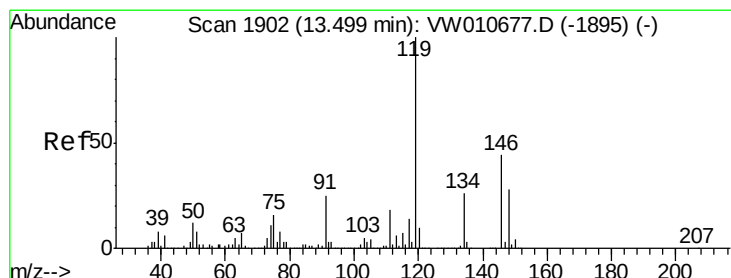
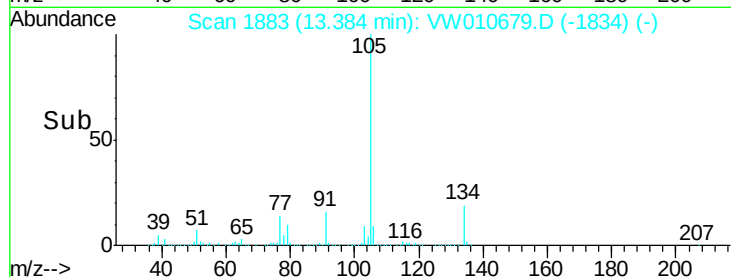
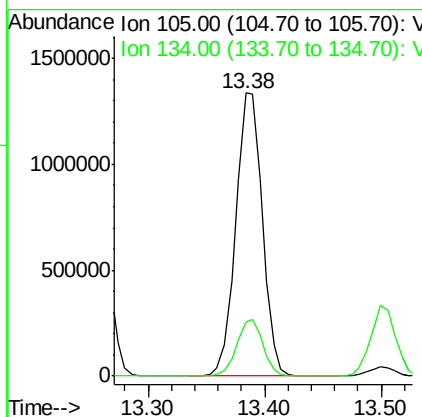
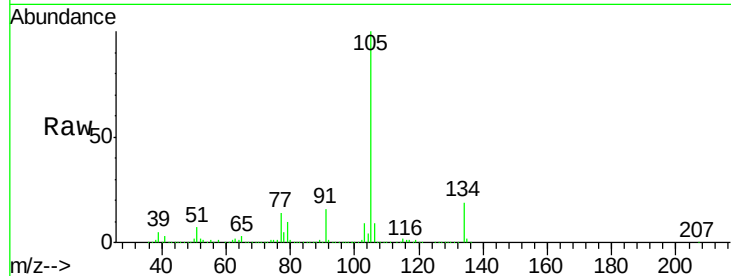
#85
 sec-Butylbenzene
 Concen: 152.678 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2122181
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9

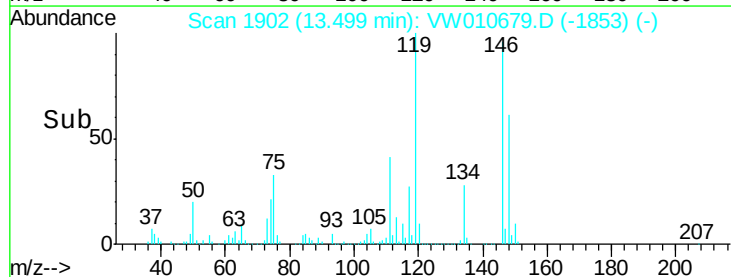
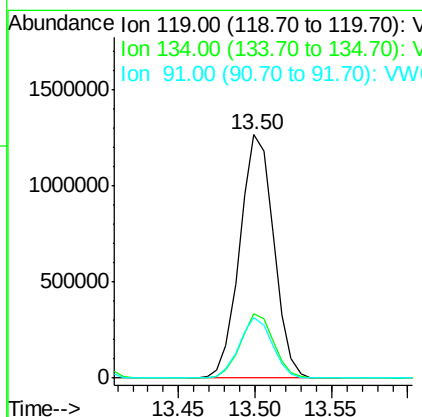
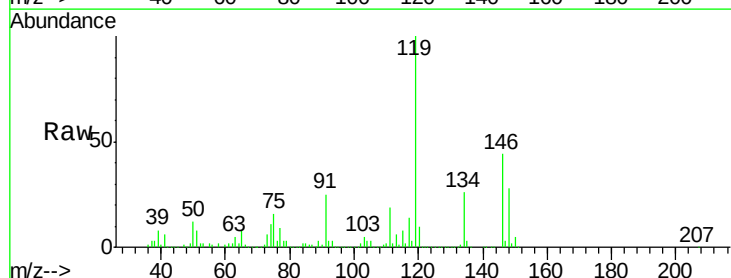
Manual Integrations
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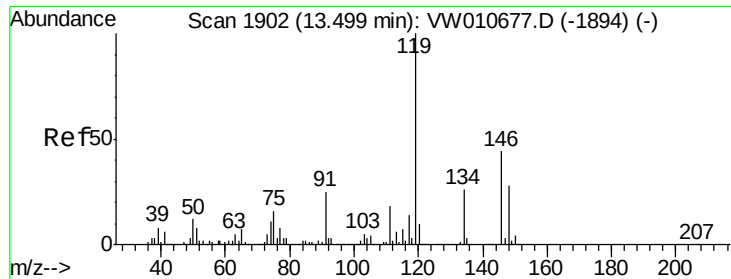
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#86
 p-Isopropyltoluene
 Concen: 156.346 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion:119 Resp: 1943360
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 39.0
 91 24.2 12.2 36.4





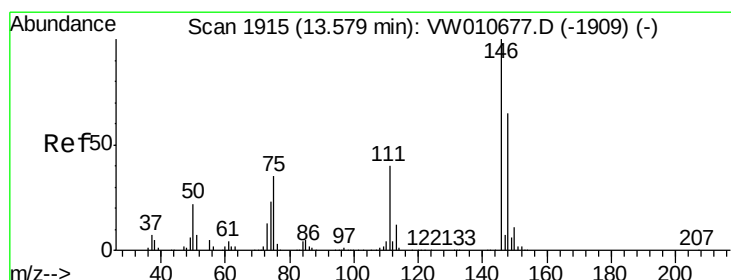
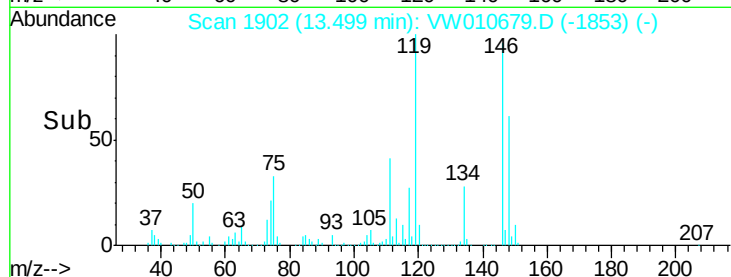
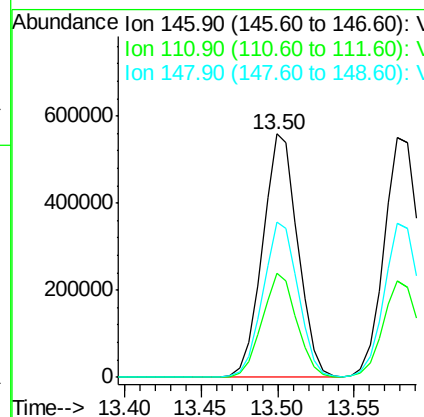
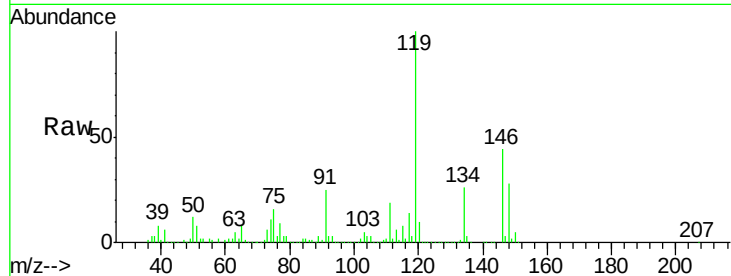
#87
 1,3-Dichlorobenzene
 Concen: 154.694 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	894925		
111	41.9	20.4	61.3	
148	63.9	31.5	94.5	

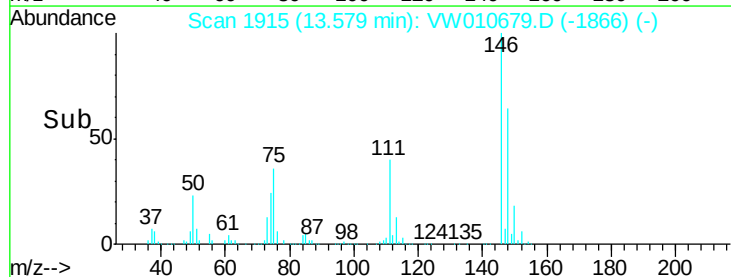
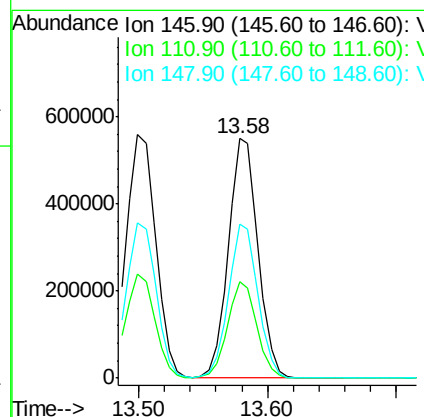
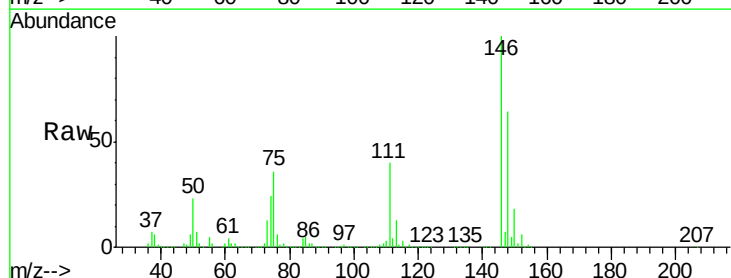
Manual Integrations
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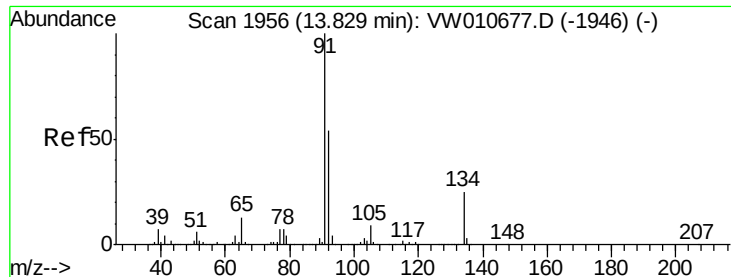
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#88
 1,4-Dichlorobenzene
 Concen: 154.288 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	884887		
111	39.6	20.3	60.9	
148	63.9	32.4	97.2	





#89

n-Butylbenzene

Concen: 157.204 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010679.D

Acq: 04 Jun 2019 16:35

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1949625

Ion Ratio Lower Upper

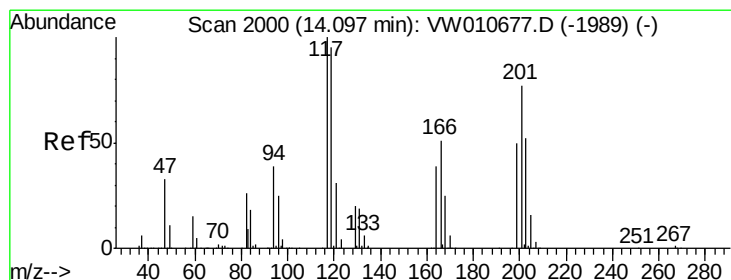
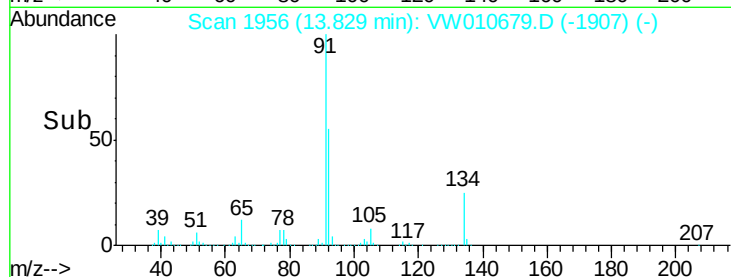
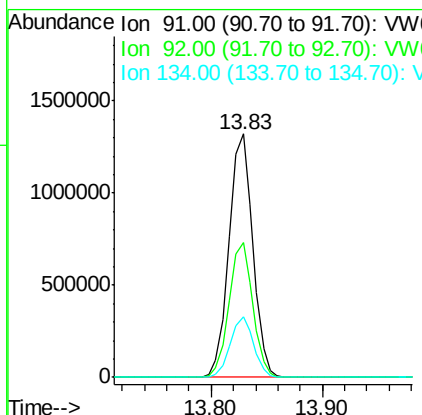
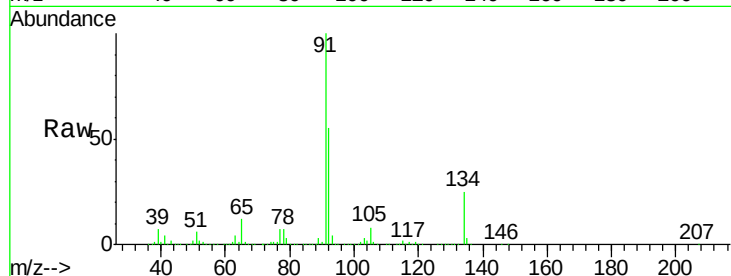
91 100

92 55.1 27.3 81.8

134 24.6 12.3 36.9

Manual Integrations
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#90

Hexachloroethane

Concen: 163.842 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. -0.00 min

Lab File: VW010679.D

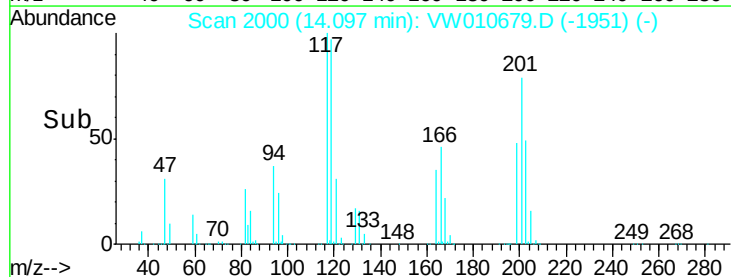
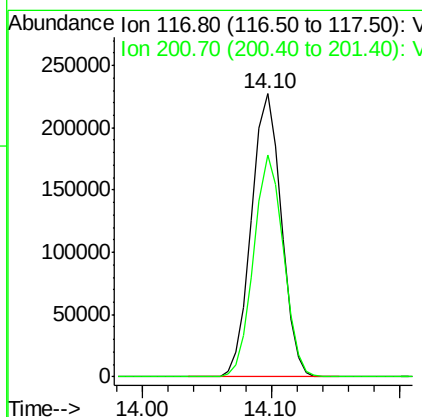
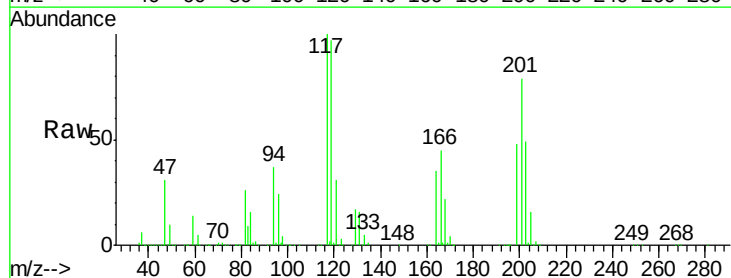
Acq: 04 Jun 2019 16:35

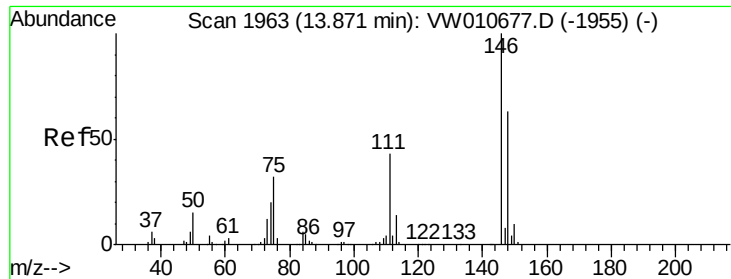
Tgt Ion: 117 Resp: 364711

Ion Ratio Lower Upper

117 100

201 78.0 38.8 116.4





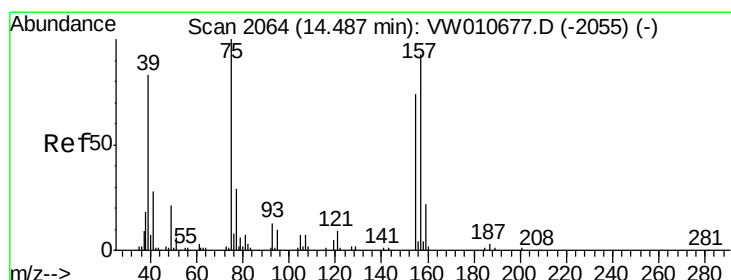
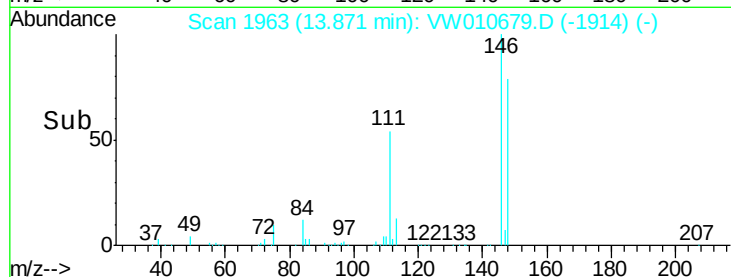
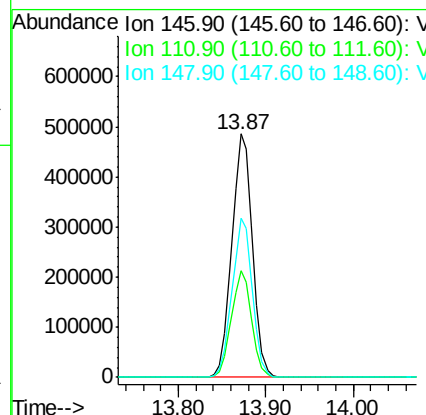
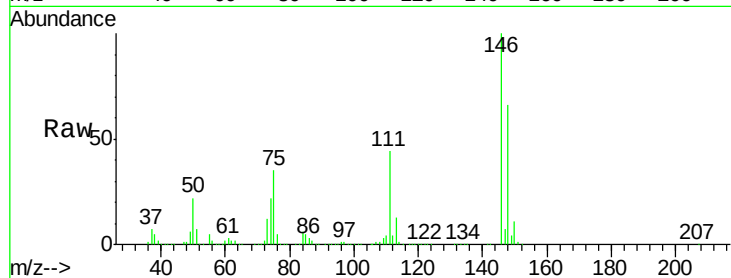
#91
 1,2-Dichlorobenzene
 Concen: 152.012 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.5	64.5
148	64.5	31.9	95.5

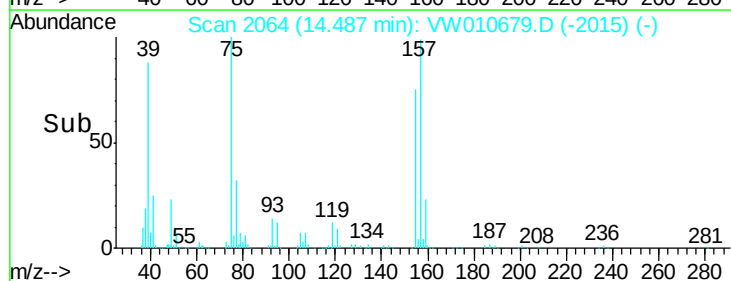
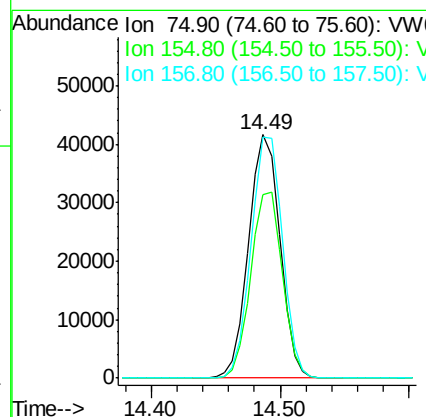
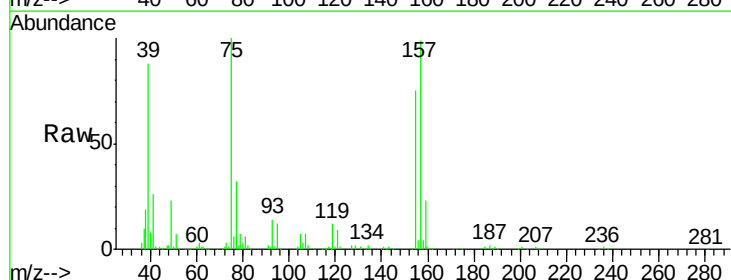
Manual Integrations
 APPROVED

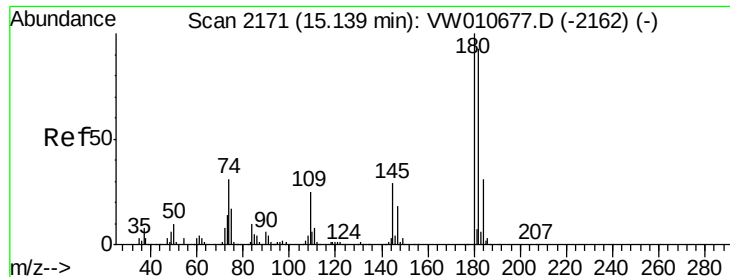
MMDadoda
 6/5/2019 3:05:11 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 155.210 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.2	38.8	116.4
157	99.3	48.4	145.0





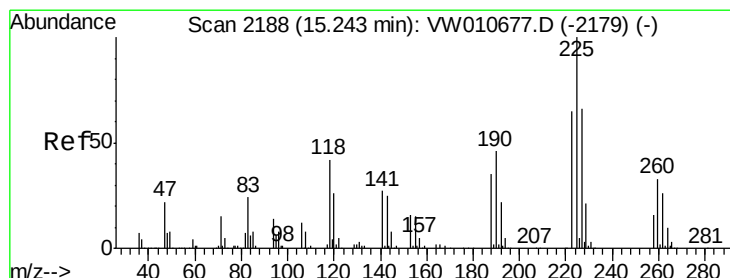
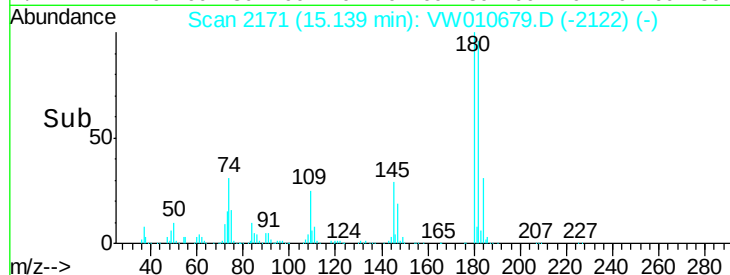
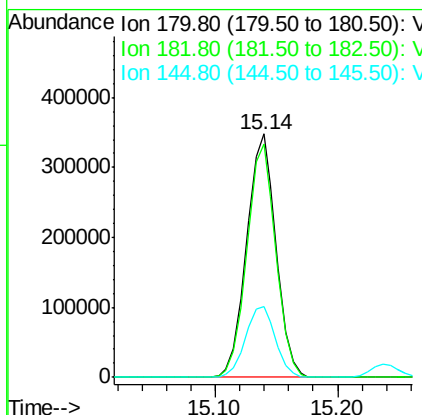
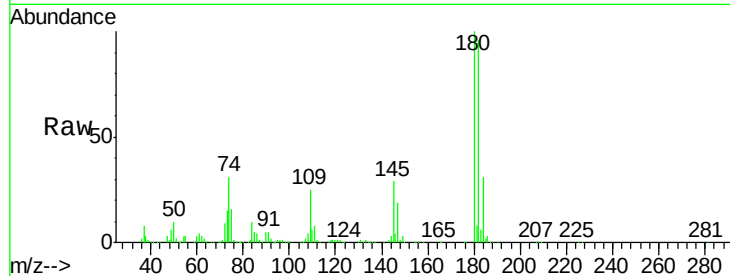
#93
 1,2,4-Trichlorobenzene
 Concen: 158.269 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	577825		
182	94.6	47.1	141.4	
145	29.9	15.2	45.5	

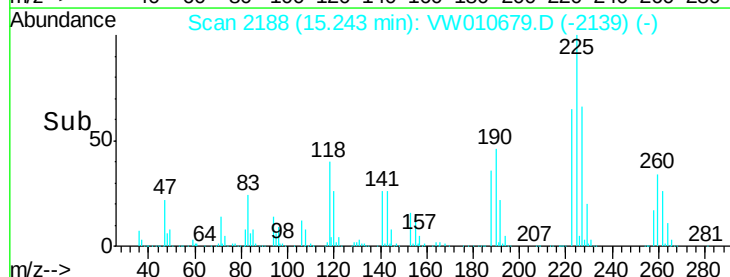
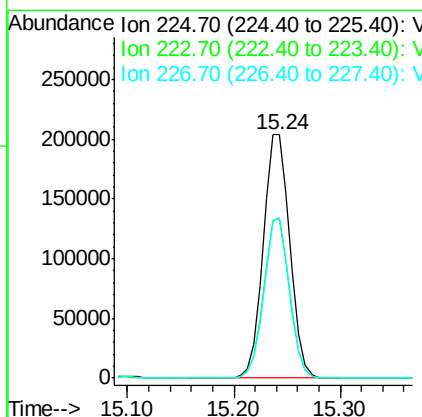
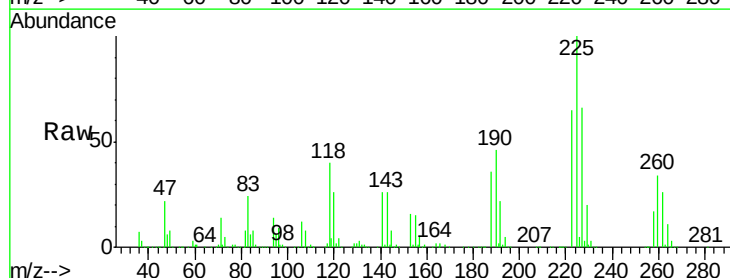
Manual Integrations
 APPROVED

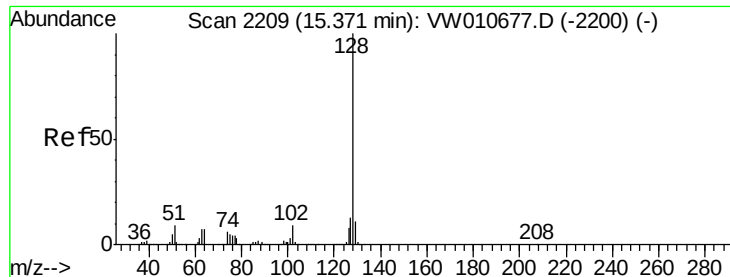
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 154.897 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010679.D
 Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	354920		
223	63.7	32.2	96.6	
227	63.5	32.0	96.0	





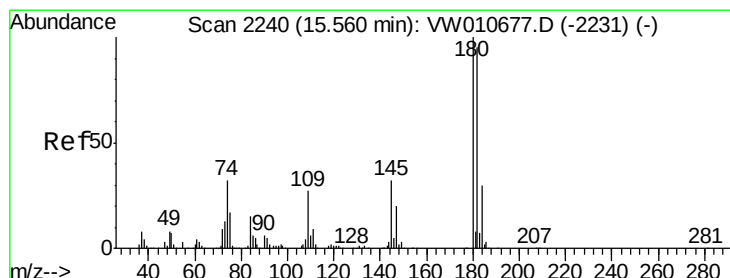
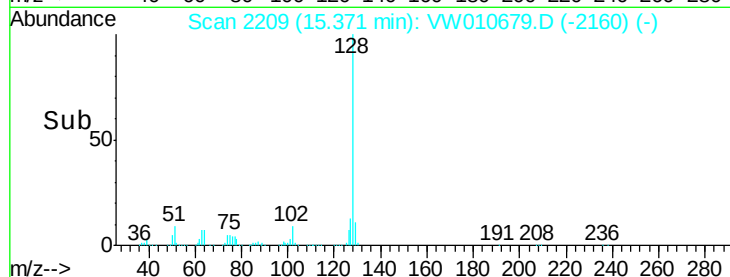
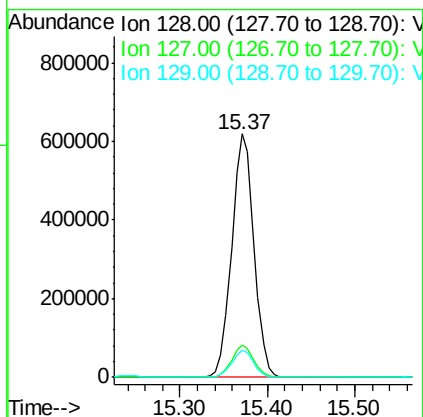
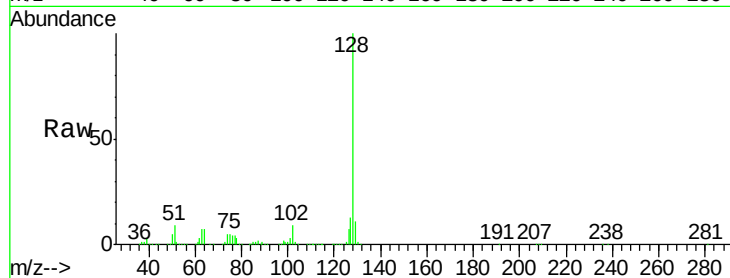
#95
Naphthalene
Concen: 164.396 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/5/2019 3:05:11 PM



#96
1,2,3-Trichlorobenzene
Concen: 158.540 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010679.D
Acq: 04 Jun 2019 16:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.0	141.0
145	32.0	16.1	48.3

