

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061019\
 Data File : VW010739.D
 Acq On : 10 Jun 2019 12:28
 Operator : SY/VA
 Sample : VW0610SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2019 1:02:24 PM

Quant Time: Jun 11 05:44:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	264380	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	439619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182482	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	149875	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	7.88	113	115577	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.32	98	484799	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
62) 4-Bromofluorobenzene	12.62	95	177196	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	47325	19.371	ug/l	98
3) Chloromethane	2.21	50	65444	18.207	ug/l	100
4) Vinyl Chloride	2.35	62	60226	18.135	ug/l	96
5) Bromomethane	2.75	94	34631	18.989	ug/l	95
6) Chloroethane	2.90	64	36532	18.326	ug/l	100
7) Trichlorofluoromethane	3.25	101	84502	19.601	ug/l	99
8) Diethyl Ether	3.68	74	29598	19.212	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	52313	19.738	ug/l	98
10) Methyl Iodide	4.27	142	39977	18.035	ug/l	98
11) Tert butyl alcohol	5.17	59	30000	118.172	ug/l	95
12) 1,1-Dichloroethene	4.03	96	48613	19.014	ug/l	94
13) Acrolein	3.90	56	8577	82.679	ug/l	97
14) Allyl chloride	4.67	41	114314	20.278	ug/l	98
15) Acrylonitrile	5.37	53	71509	95.543	ug/l	99
16) Acetone	4.12	43	74216	88.884	ug/l	100
17) Carbon Disulfide	4.37	76	155234	19.126	ug/l	100
18) Methyl Acetate	4.68	43	35265	19.620	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	142853	19.373	ug/l	100
20) Methylene Chloride	4.92	84	58883	20.102	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	56573	19.492	ug/l	98
22) Diisopropyl ether	6.31	45	228355	20.233	ug/l	96
23) Vinyl Acetate	6.26	43	679720	99.794	ug/l	99
24) 1,1-Dichloroethane	6.22	63	114700	20.279	ug/l	97
25) 2-Butanone	7.17	43	110139	95.128	ug/l	95
26) 2,2-Dichloropropane	7.17	77	98611	21.426	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	63598	19.911	ug/l	97
28) Bromochloromethane	7.51	49	47196	18.698	ug/l	95
29) Tetrahydrofuran	7.53	42	69116	94.907	ug/l	97
30) Chloroform	7.68	83	103453	19.997	ug/l	97
31) Cyclohexane	7.95	56	122593	19.498	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	91924	20.341	ug/l	99
36) 1,1-Dichloropropene	8.08	75	88482	19.663	ug/l	99
37) Ethyl Acetate	7.26	43	46592	18.684	ug/l	99
38) Carbon Tetrachloride	8.07	117	78139	20.115	ug/l	96

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Manual Integrations
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	109732	19.182	ug/l	98
40) Benzene	8.32	78	239481	19.508	ug/l	100
41) Methacrylonitrile	7.48	41	30162	20.349	ug/l	94
42) 1,2-Dichloroethane	8.40	62	76472	19.627	ug/l	99
43) Isopropyl Acetate	8.43	43	90146	18.712	ug/l	99
44) Trichloroethene	9.09	130	57430	18.965	ug/l	98
45) 1,2-Dichloropropane	9.37	63	64675	19.902	ug/l	98
46) Dibromomethane	9.46	93	28872	19.128	ug/l	98
47) Bromodichloromethane	9.65	83	77640	19.843	ug/l	98
48) Methyl methacrylate	9.44	41	43223	18.608	ug/l	98
49) 1,4-Dioxane	9.45	88	8579	363.537	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	231854	94.206	ug/l	99
52) Toluene	10.39	92	147121	19.478	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	82238	19.844	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	97290	19.951	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41106	18.904	ug/l	99
56) Ethyl methacrylate	10.65	69	62838	18.781	ug/l	97
57) 1,3-Dichloropropane	10.93	76	79381	19.372	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	165516	94.446	ug/l	100
59) 2-Hexanone	10.97	43	162501	91.358	ug/l	98
60) Dibromochloromethane	11.13	129	47602	19.748	ug/l	100
61) 1,2-Dibromoethane	11.24	107	39345	19.098	ug/l	99
64) Tetrachloroethene	10.86	164	48349	18.781	ug/l	95
65) Chlorobenzene	11.66	112	147806	19.386	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	52869	20.031	ug/l	100
67) Ethyl Benzene	11.73	91	285340	19.473	ug/l	99
68) m/p-Xylenes	11.84	106	201919	38.494	ug/l	98
69) o-Xylene	12.16	106	96454	19.388	ug/l	99
70) Styrene	12.18	104	166147	19.225	ug/l	99
71) Bromoform	12.35	173	25942	19.005	ug/l #	100
73) Isopropylbenzene	12.46	105	269421	19.647	ug/l	100
74) N-amyl acetate	12.27	43	83787	18.906	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	48801	18.694	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	36352m	18.970	ug/l	
77) Bromobenzene	12.75	156	59375	19.836	ug/l	99
78) n-propylbenzene	12.80	91	326238	19.730	ug/l	100
79) 2-Chlorotoluene	12.90	91	187708	19.870	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	219076	19.518	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16088	19.295	ug/l	98
82) 4-Chlorotoluene	12.99	91	193100	19.808	ug/l	99
83) tert-Butylbenzene	13.21	119	186755	19.605	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	220175	19.493	ug/l	99
85) sec-Butylbenzene	13.38	105	270728	19.520	ug/l	99
86) p-Isopropyltoluene	13.50	119	240434	19.386	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	112695	19.523	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	111408	19.468	ug/l	99
89) n-Butylbenzene	13.83	91	243247	19.657	ug/l	99
90) Hexachloroethane	14.10	117	45788	20.615	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	100108	19.284	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8574	19.126	ug/l	96

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VW0610SBSD01

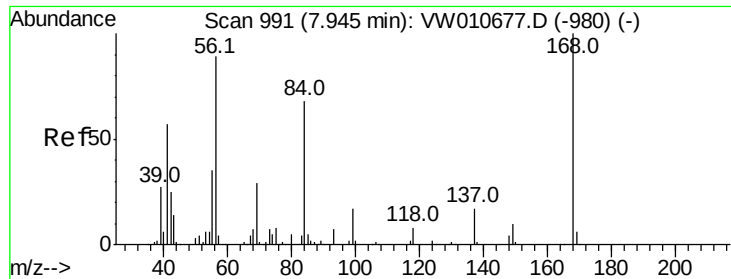
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	73333	20.131	ug/l	98
94) Hexachlorobutadiene	15.24	225	43704	19.116	ug/l	98
95) Naphthalene	15.37	128	123817	18.707	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	61522	19.858	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tot Ion:168 Resp: 264380

Ion Ratio Lower Upper

168 100

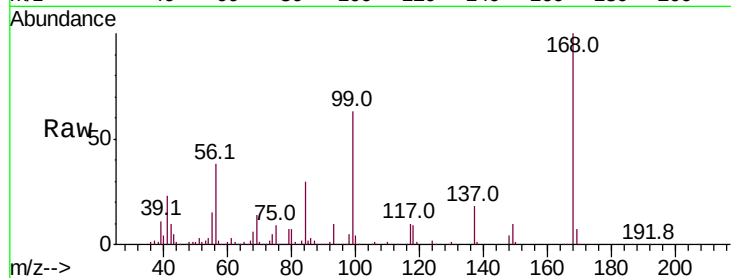
99 62.8 47.7 71.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

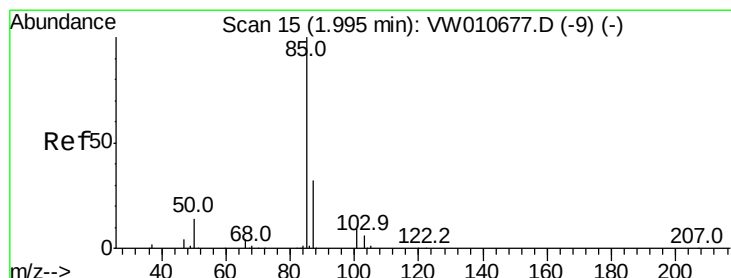
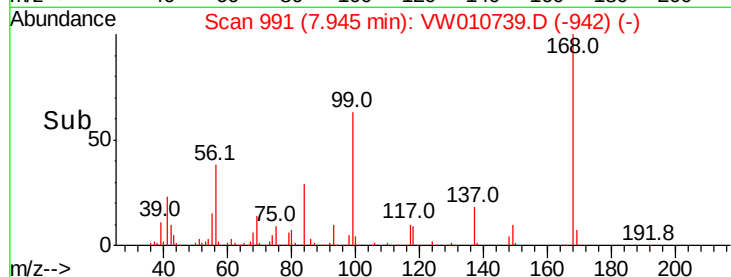
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 19.371 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010739.D

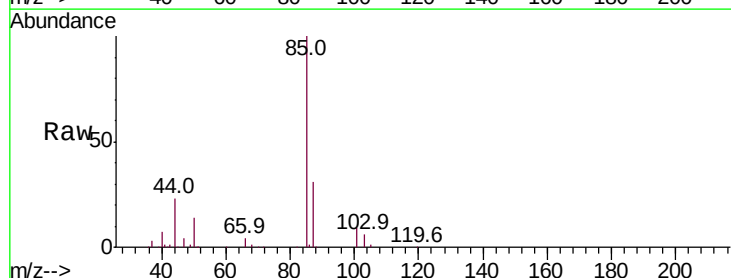
Acq: 10 Jun 2019 12:28

Tgt Ion: 85 Resp: 47325

Ion Ratio Lower Upper

85 100

87 31.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

25000

20000

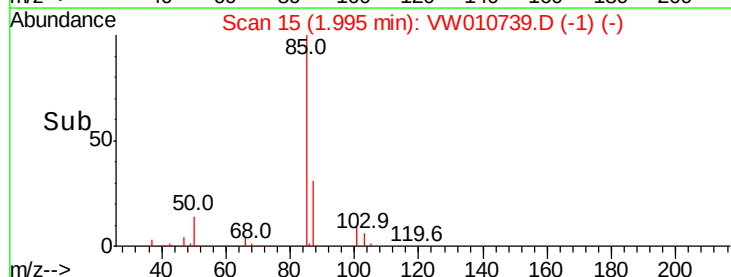
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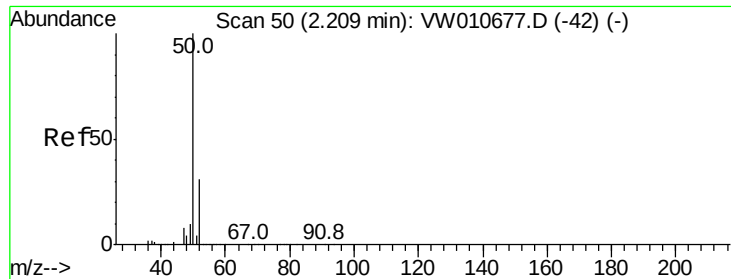
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 18.207 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tot Ion: 50 Resp: 65444

Ion Ratio Lower Upper

50 100

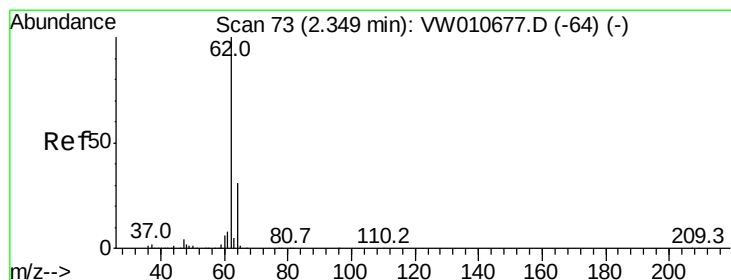
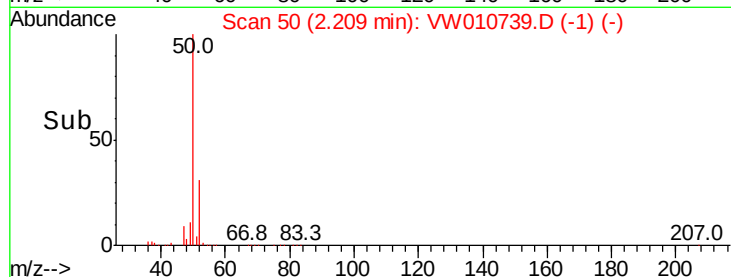
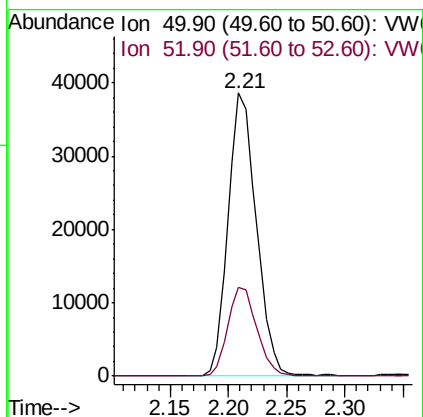
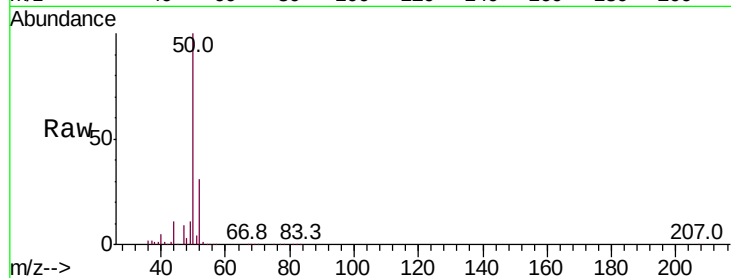
52 31.4 25.2 37.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.135 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010739.D

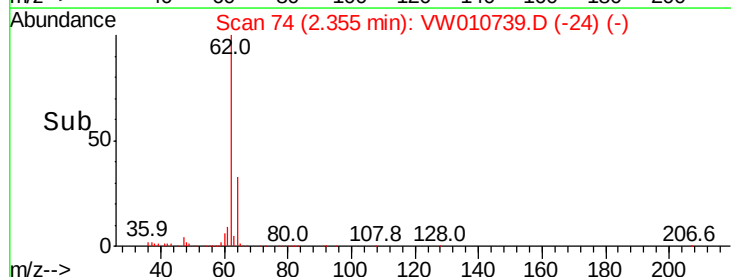
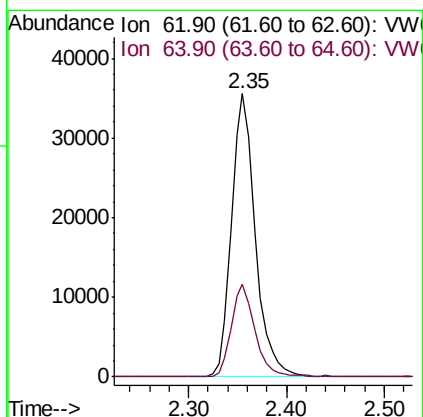
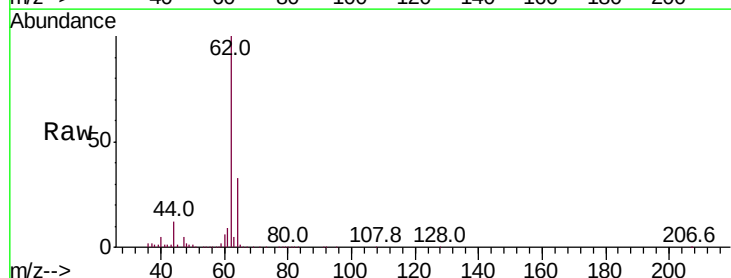
Acq: 10 Jun 2019 12:28

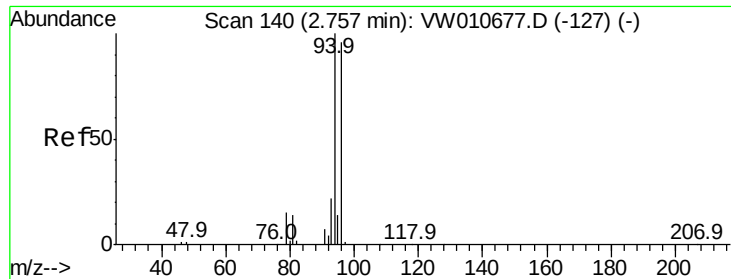
Tgt Ion: 62 Resp: 60226

Ion Ratio Lower Upper

62 100

64 32.6 24.5 36.7





#5

Bromomethane

Concen: 18.989 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tot Ion: 94 Resp: 34631

Ion Ratio Lower Upper

94 100

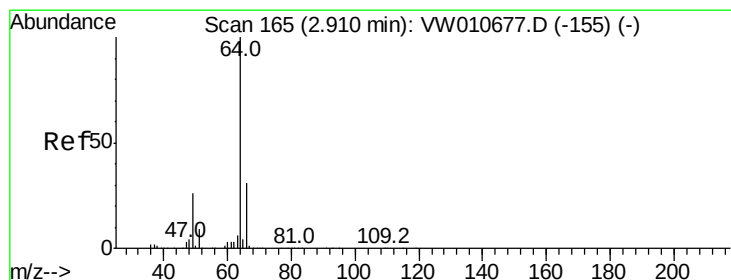
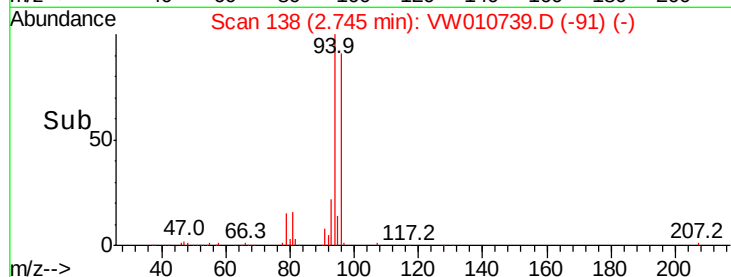
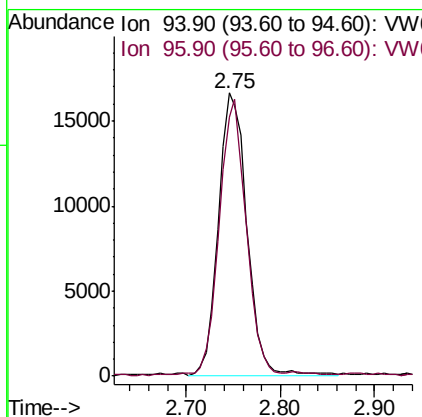
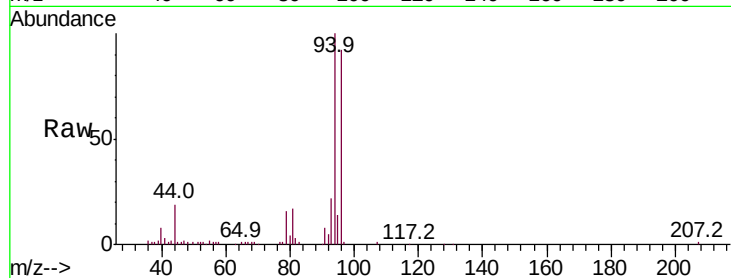
96 91.1 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 18.326 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010739.D

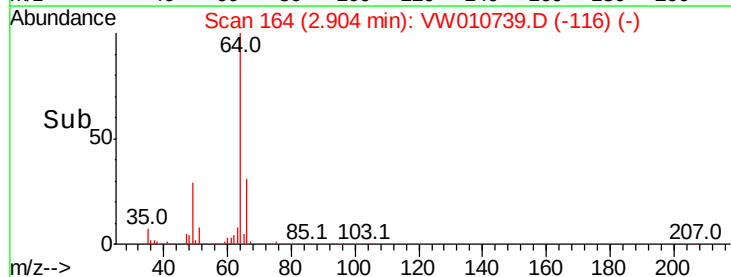
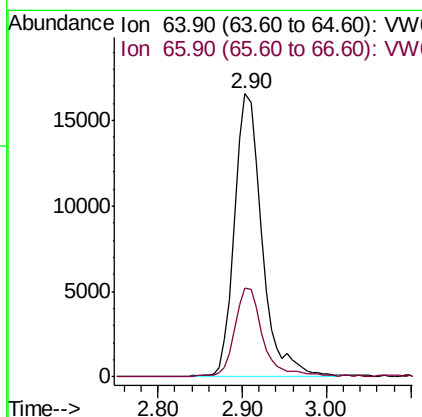
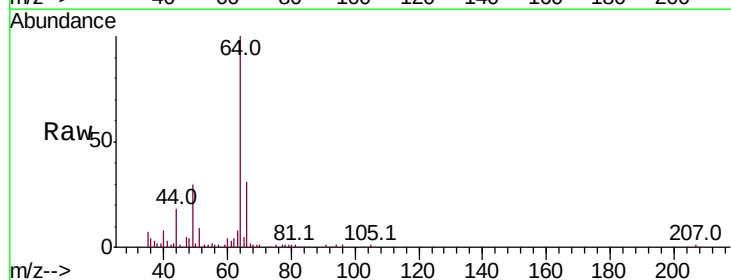
Acq: 10 Jun 2019 12:28

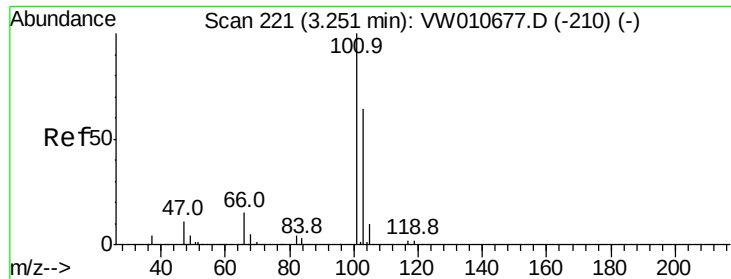
Tgt Ion: 64 Resp: 36532

Ion Ratio Lower Upper

64 100

66 31.2 25.1 37.7





#7

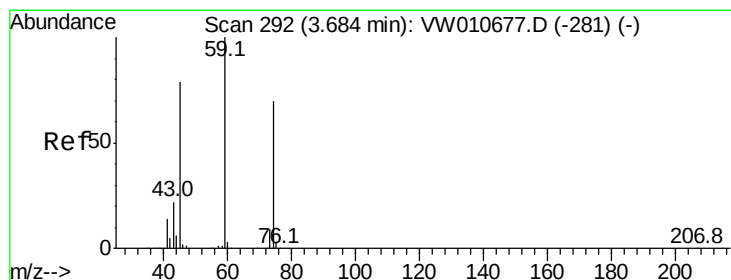
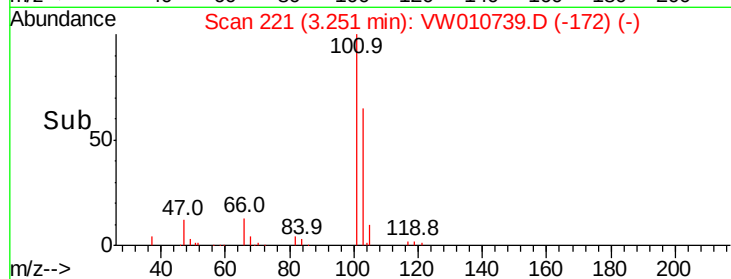
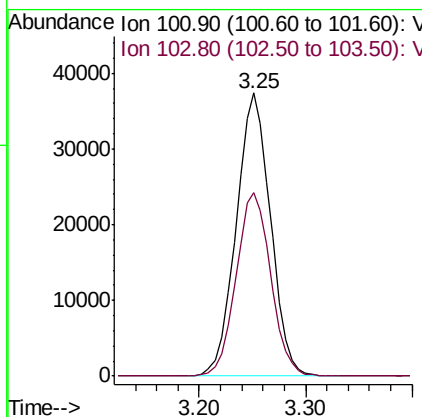
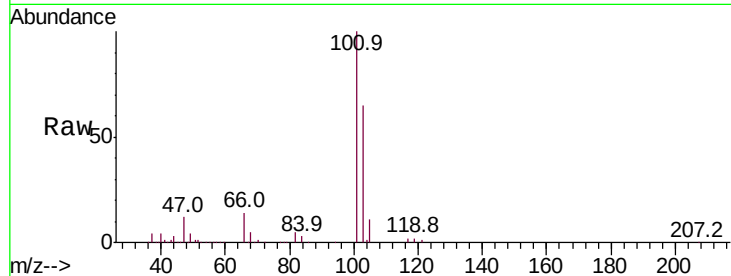
Trichlorofluoromethane
Concen: 19.601 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

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ClientSampleId :
VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.2	76.8

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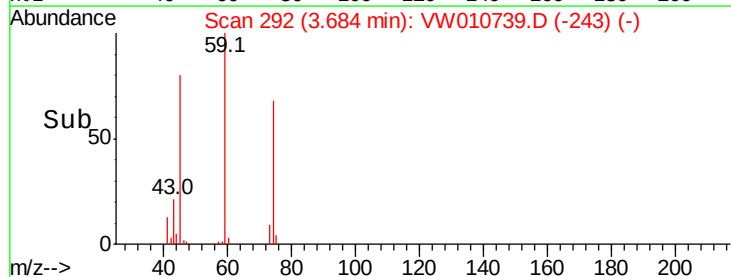
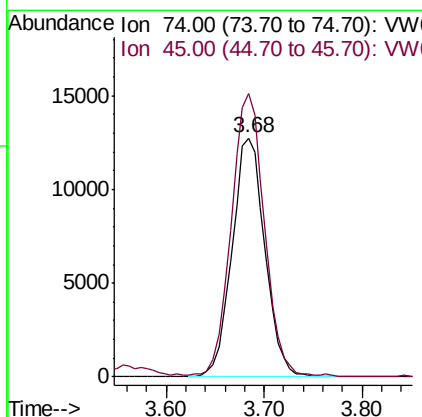
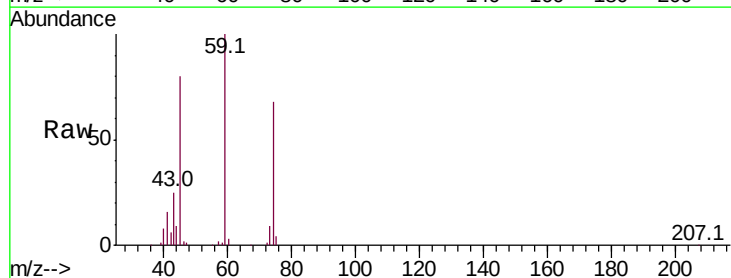
MMDadoda
6/11/2019 1:02:24 PM

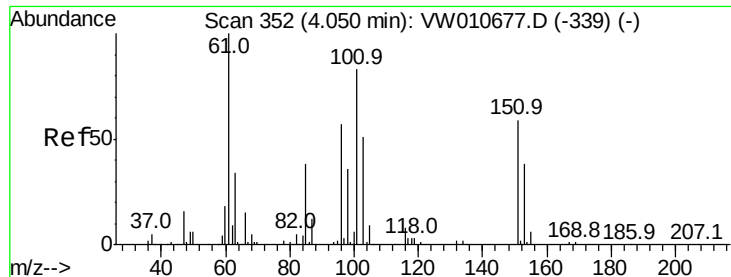


#8

Diethyl Ether
Concen: 19.212 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.7	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.738 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

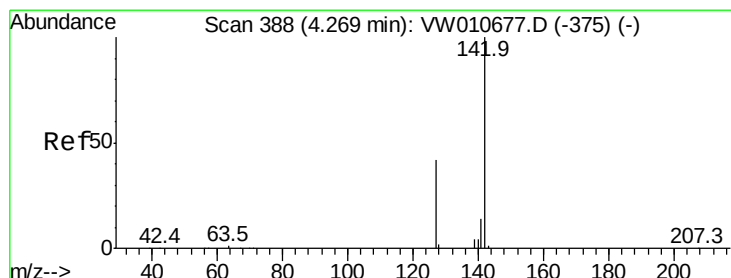
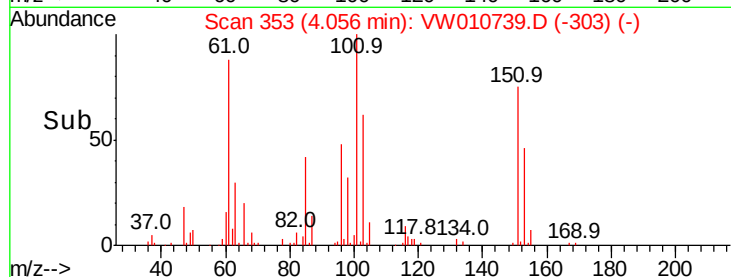
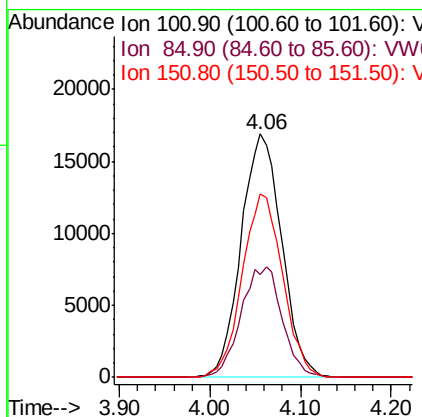
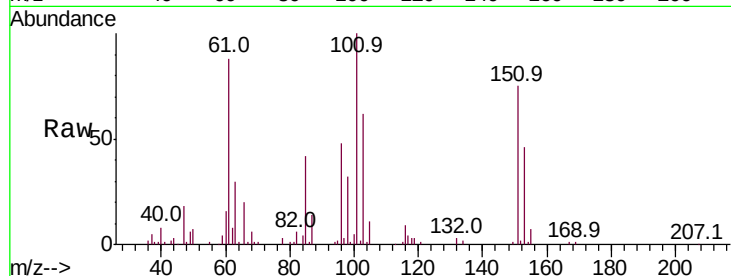
ClientSampleId :

VW0610SBSD01

Tot Ion:	101	Resp:	52313
Ion Ratio	Lower	Upper	
101	100		
85	45.9	35.8	53.8
151	74.8	58.1	87.1

Manual Integrations
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#10

Methyl Iodide

Concen: 18.035 ug/l

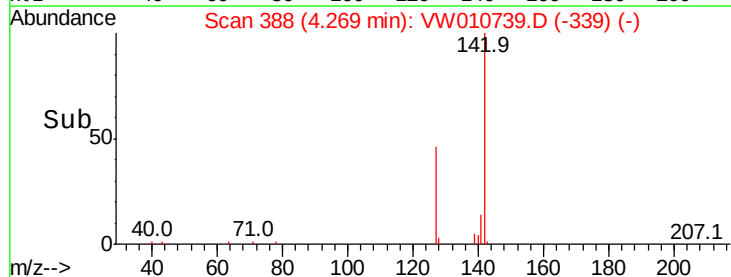
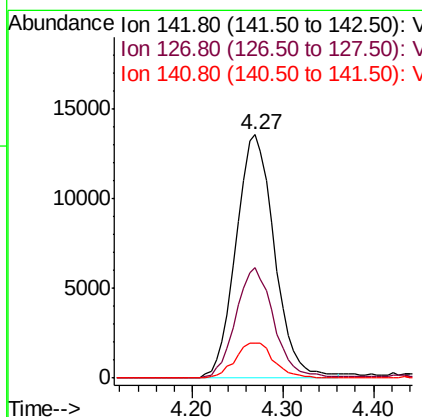
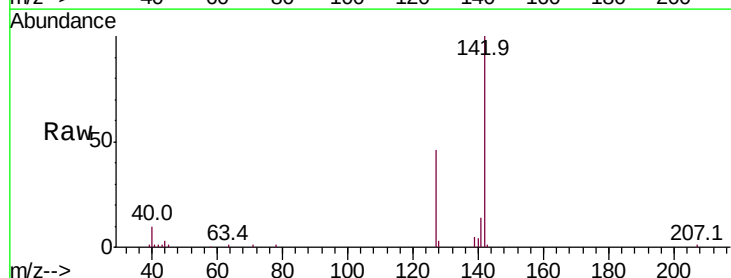
RT: 4.27 min Scan# 388

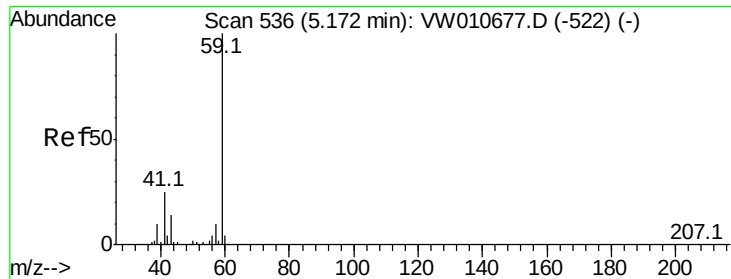
Delta R.T. 0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion:	142	Resp:	39977
Ion Ratio	Lower	Upper	
142	100		
127	44.6	34.6	51.8
141	14.4	11.6	17.4





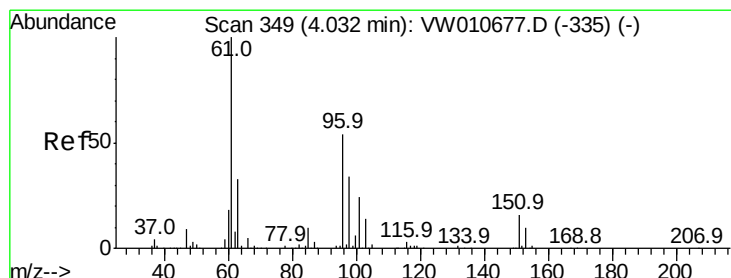
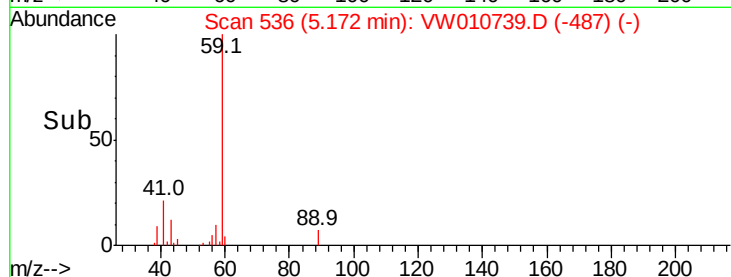
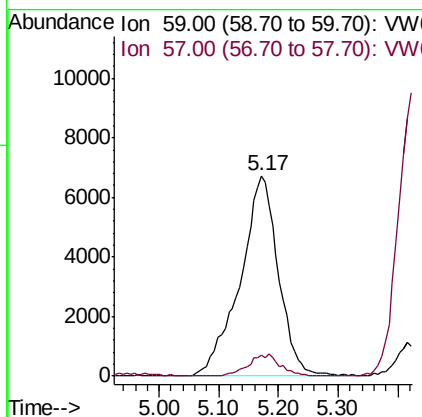
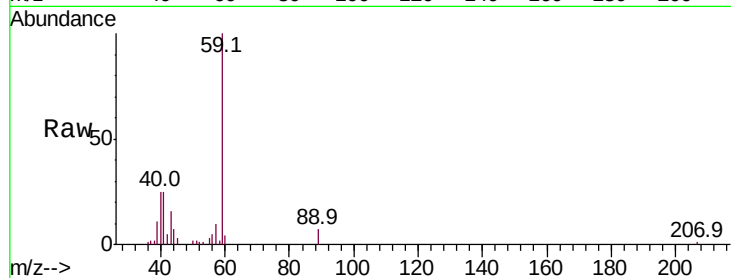
#11
Tert butyl alcohol
Concen: 118.172 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion: 59 Resp: 30000
Ion Ratio Lower Upper
59 100
57 9.0 8.6 12.8

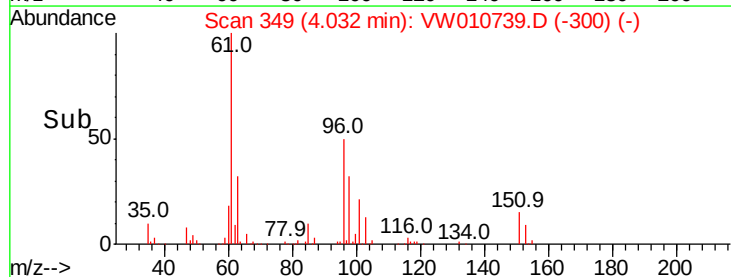
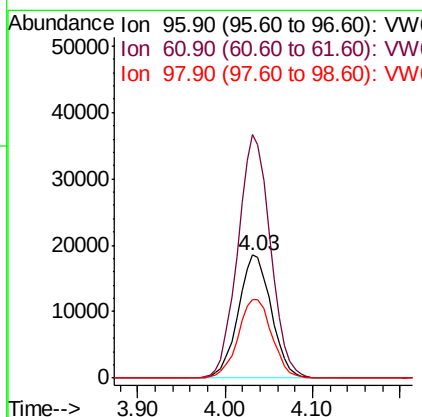
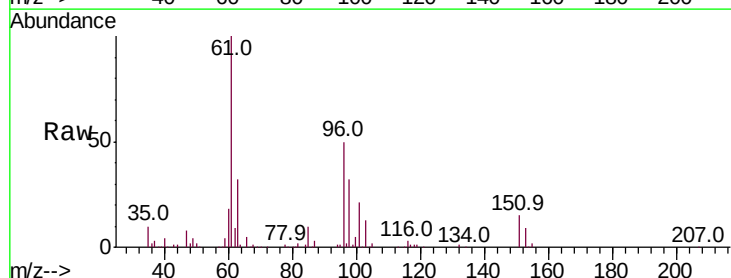
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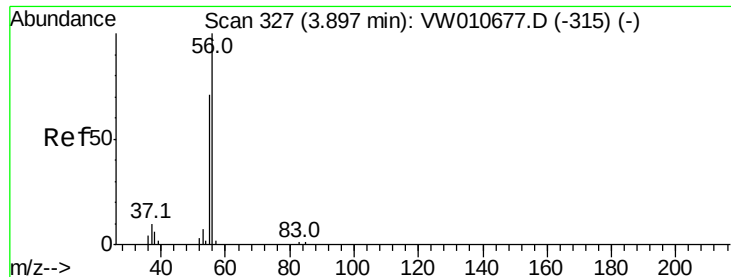
MMDadoda
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#12
1,1-Dichloroethene
Concen: 19.014 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 96 Resp: 48613
Ion Ratio Lower Upper
96 100
61 198.4 149.1 223.7
98 64.1 51.1 76.7





#13

Acrolein

Concen: 82.679 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tot Ion: 56 Resp: 8577

Ion Ratio Lower Upper

56 100

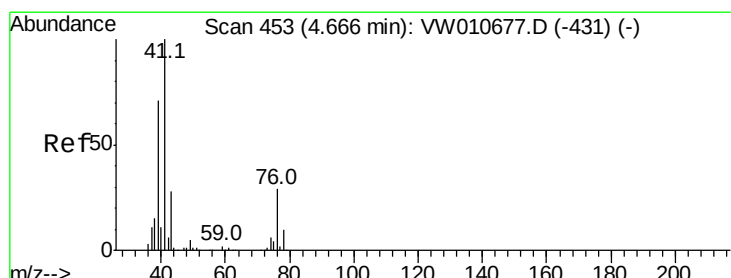
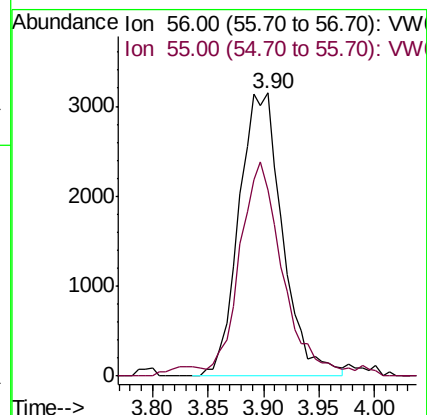
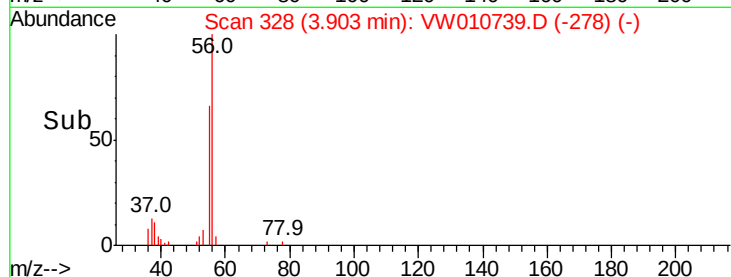
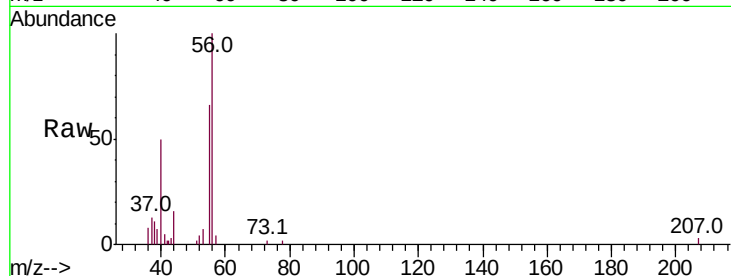
55 69.6 57.6 86.4

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#14

Allyl chloride

Concen: 20.278 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

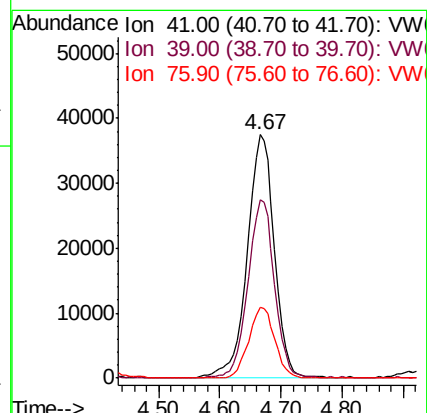
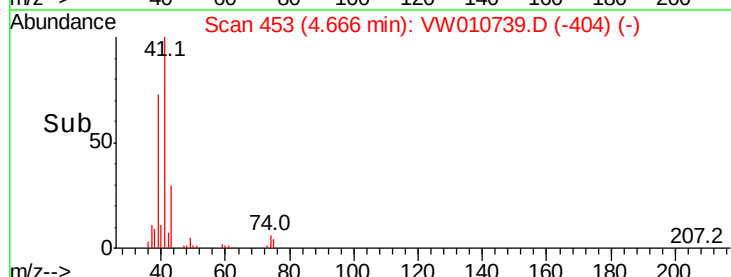
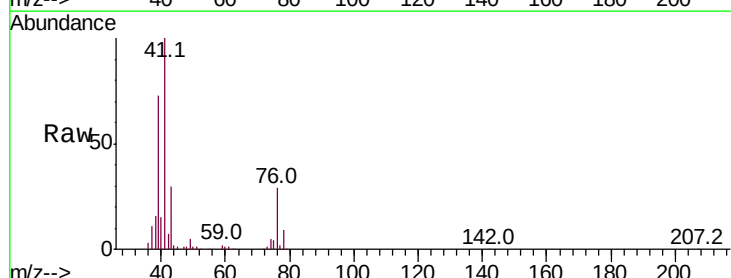
Tgt Ion: 41 Resp: 114314

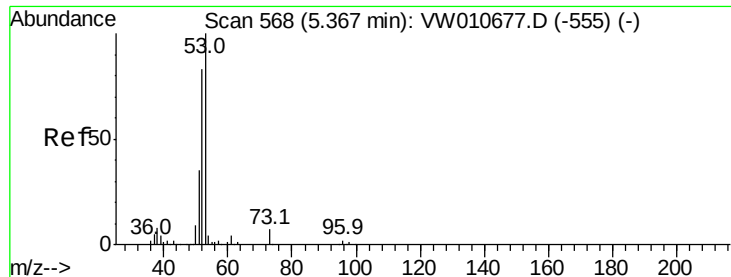
Ion Ratio Lower Upper

41 100

39 72.1 55.8 83.6

76 28.3 22.7 34.1





#15

Acrylonitrile

Concen: 95.543 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

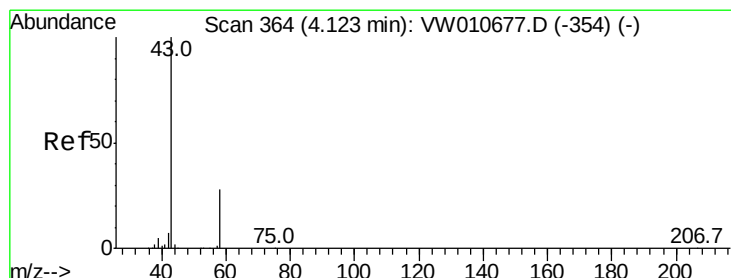
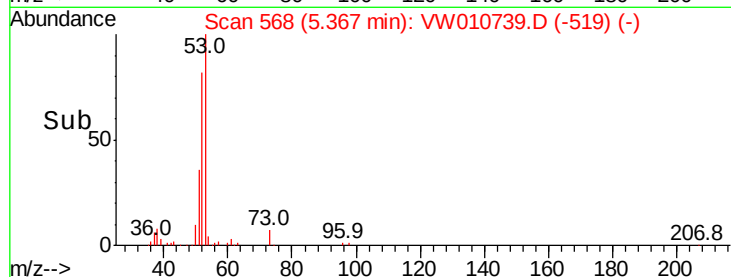
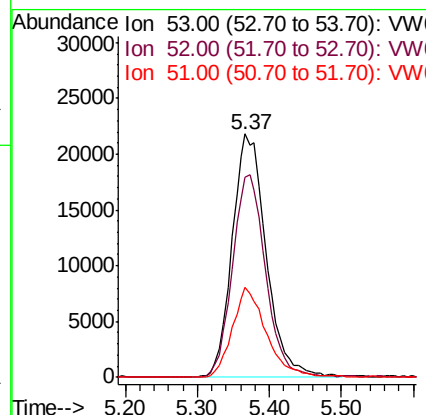
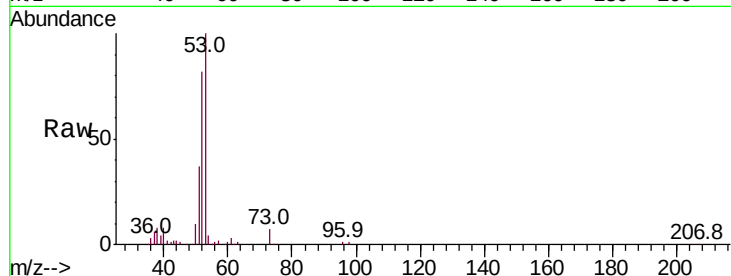
ClientSampleId :

VW0610SBSD01

Tot Ion:	53	Resp:	71509
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.6	100.0
51	37.1	29.8	44.8

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#16

Acetone

Concen: 88.884 ug/l

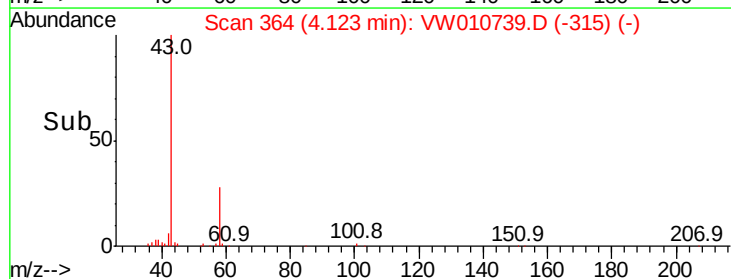
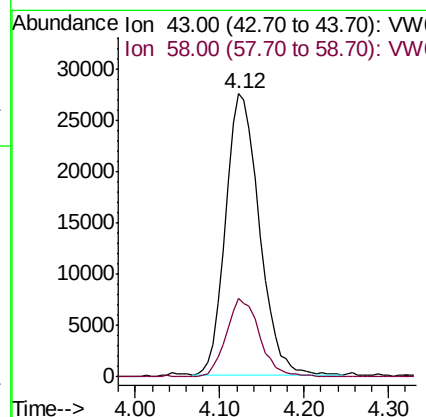
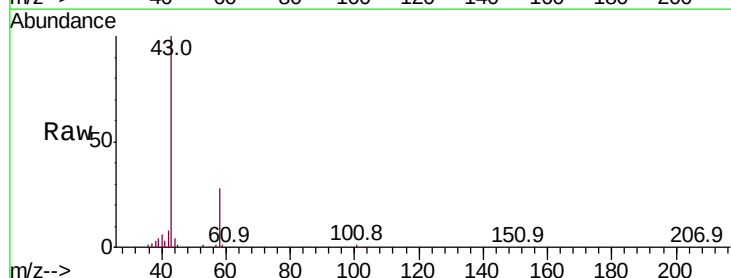
RT: 4.12 min Scan# 364

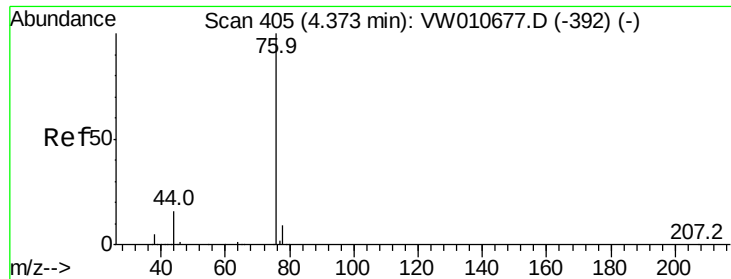
Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion:	43	Resp:	74216
Ion	Ratio	Lower	Upper
43	100		
58	27.8	22.1	33.1





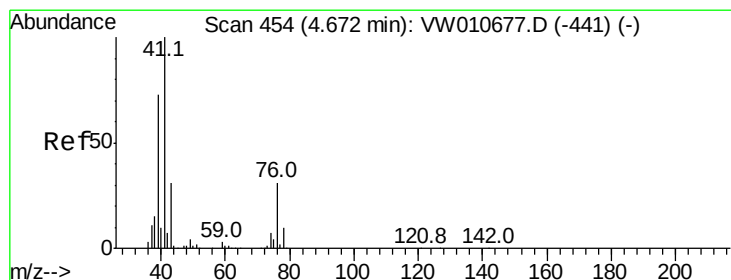
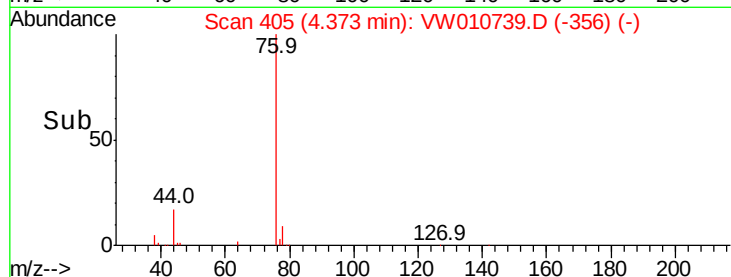
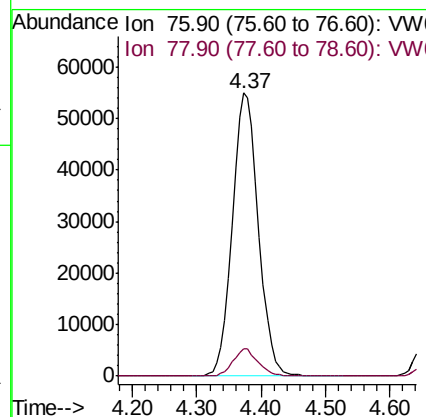
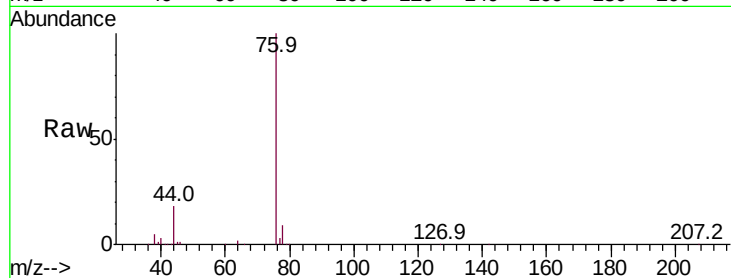
#17
Carbon Disulfide
Concen: 19.126 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3

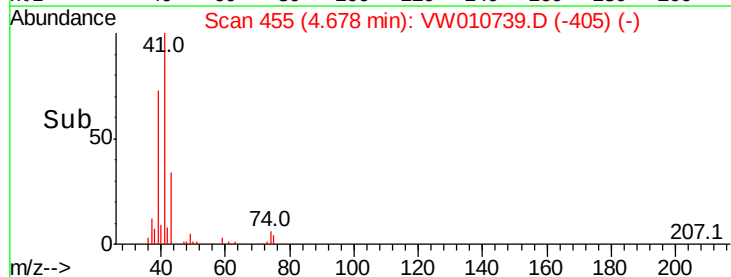
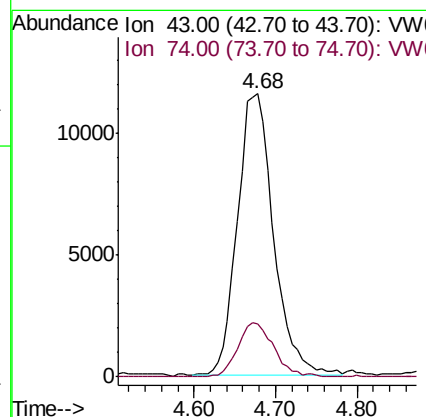
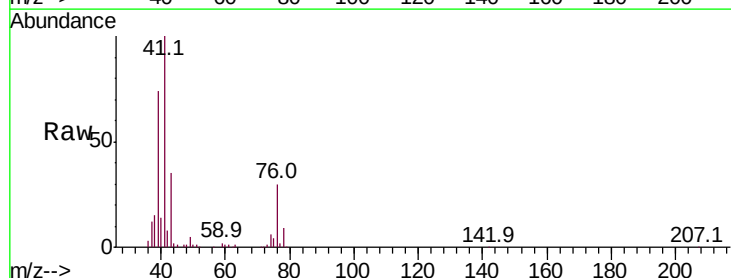
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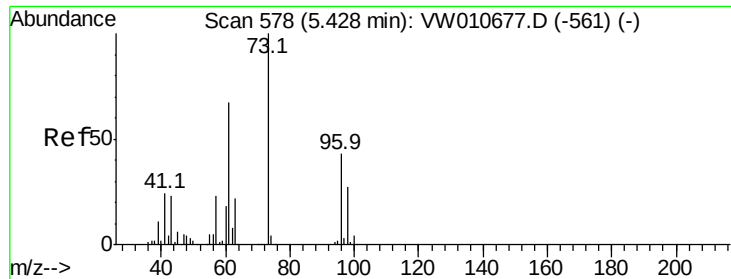
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#18
Methyl Acetate
Concen: 19.620 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.3	16.7	25.1





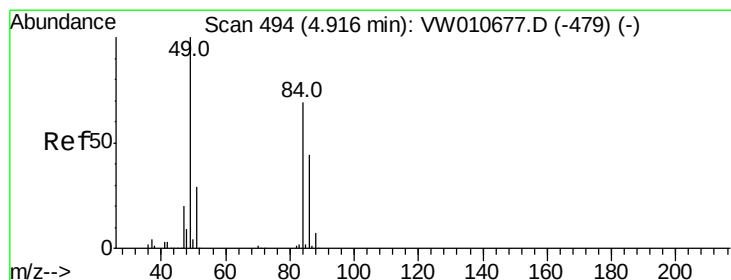
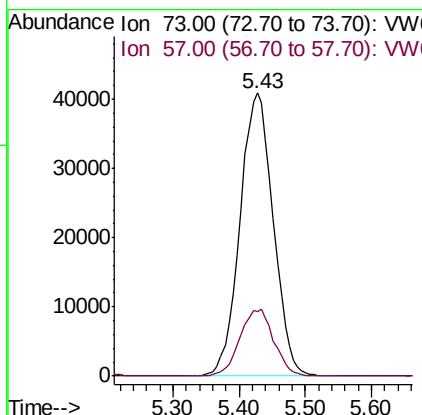
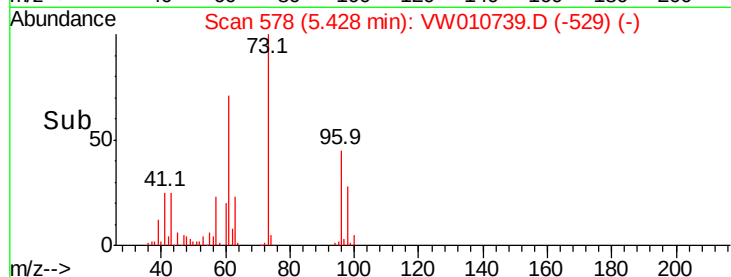
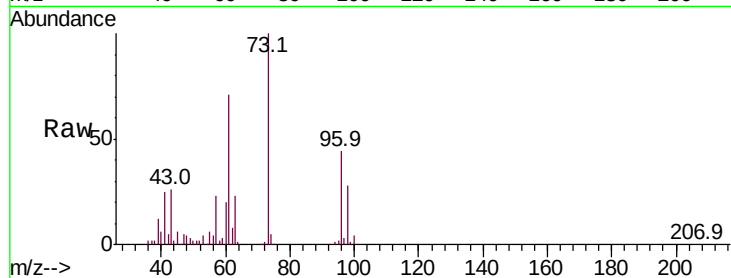
#19
Methyl tert-butyl Ether
Concen: 19.373 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion: 73 Resp: 142853
Ion Ratio Lower Upper
73 100
57 23.0 18.6 27.8

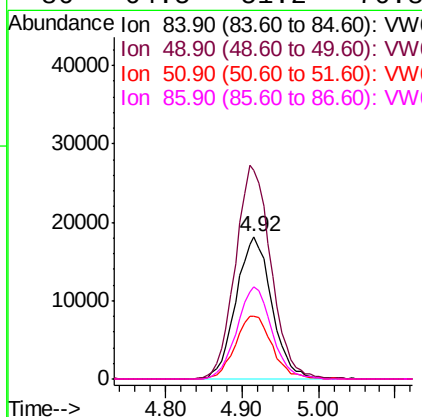
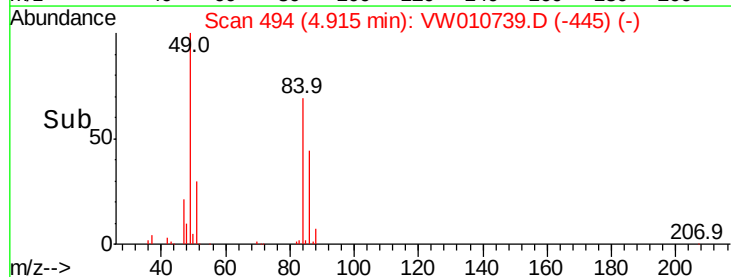
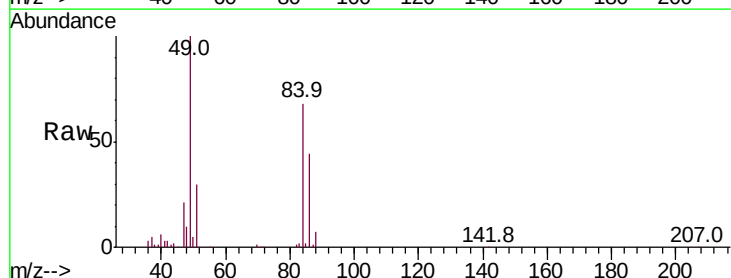
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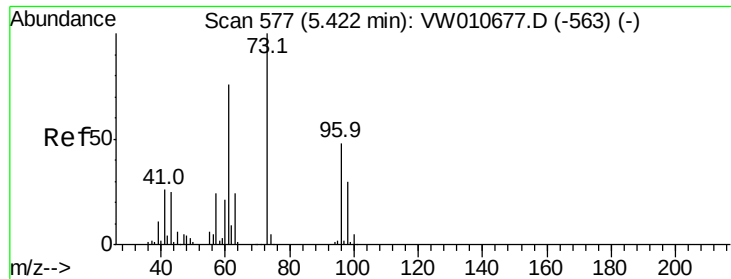
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#20
Methylene Chloride
Concen: 20.102 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 84 Resp: 58883
Ion Ratio Lower Upper
84 100
49 146.5 116.7 175.1
51 43.9 34.2 51.2
86 64.5 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.492 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tot Ion: 96 Resp: 56573

Ion Ratio Lower Upper

96 100

61 161.0 126.0 189.0

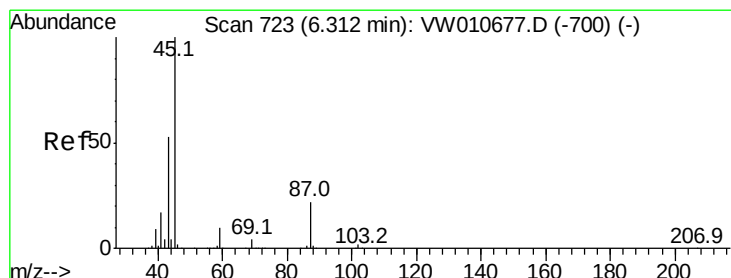
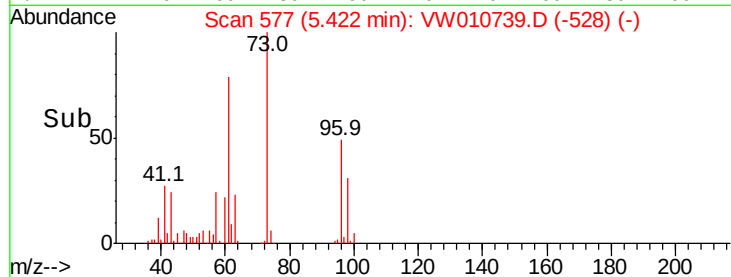
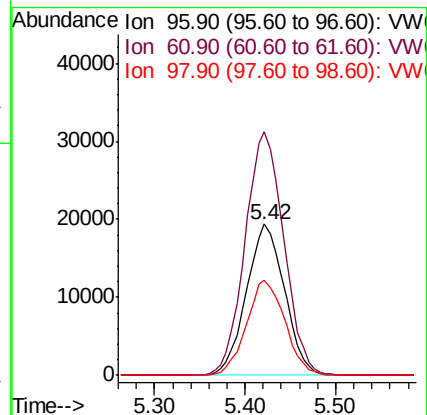
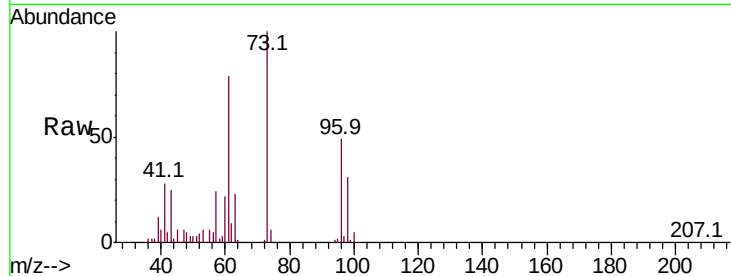
98 62.9 49.6 74.4

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#22

Diisopropyl ether

Concen: 20.233 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion: 45 Resp: 228355

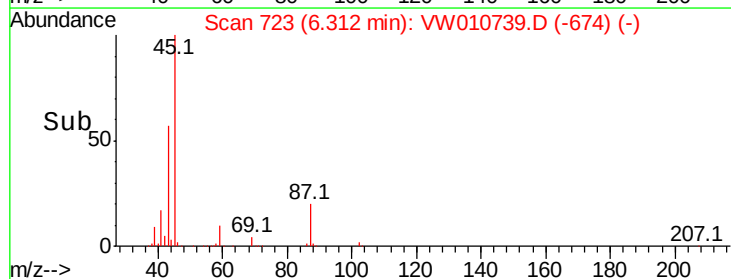
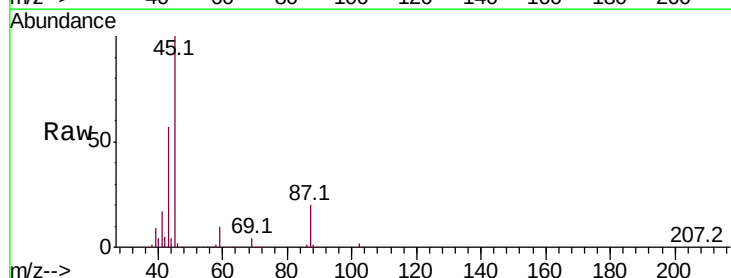
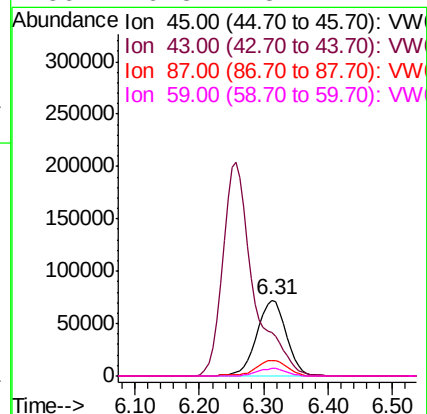
Ion Ratio Lower Upper

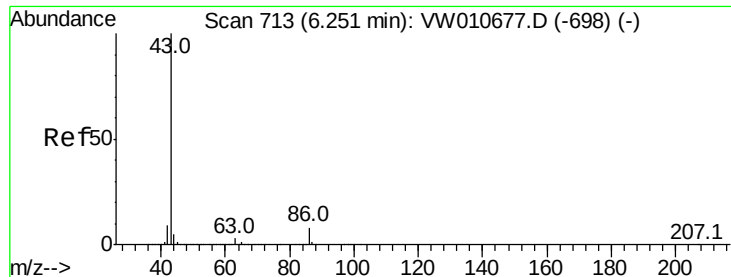
45 100

43 56.5 42.5 63.7

87 19.7 17.4 26.2

59 10.3 8.1 12.1





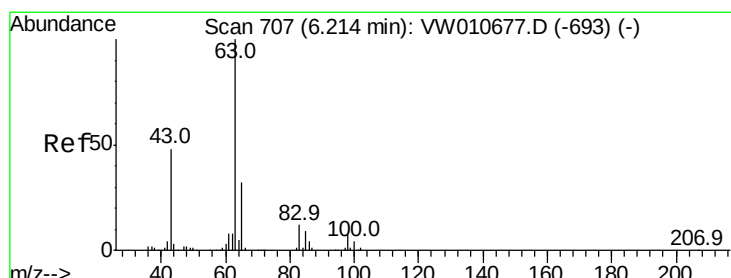
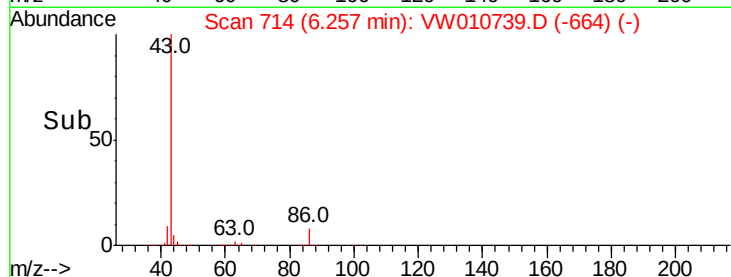
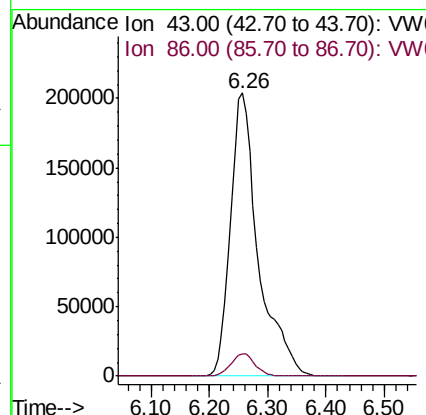
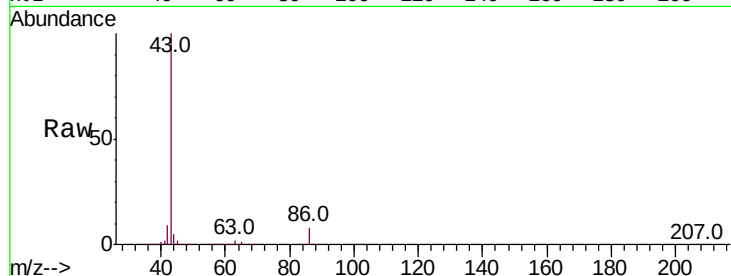
#23
 Vinyl Acetate
 Concen: 99.794 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	679720		
86	7.9	6.6	10.0	

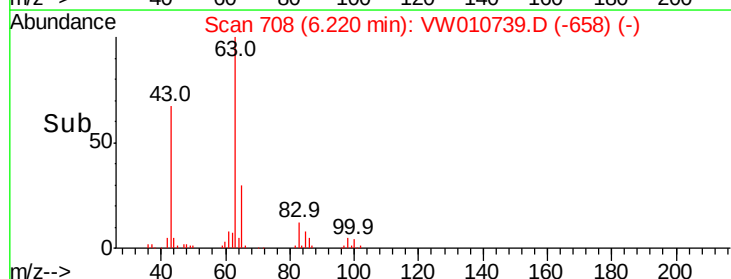
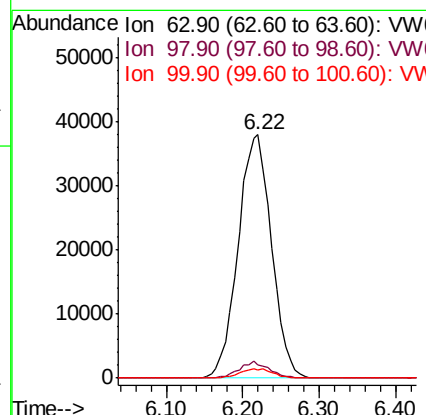
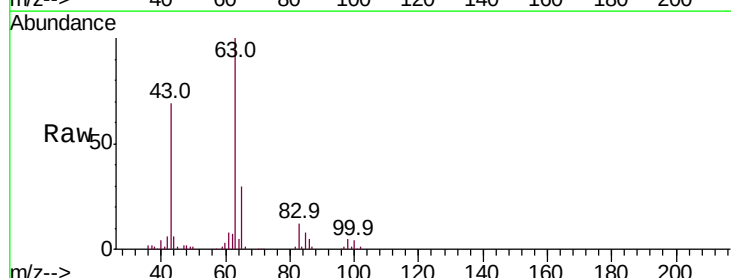
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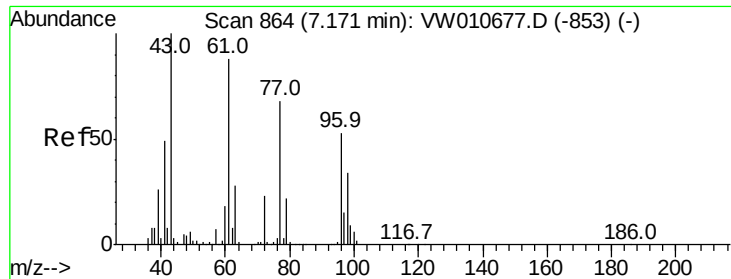
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#24
 1,1-Dichloroethane
 Concen: 20.279 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	114700		
98	5.3	3.4	10.2	
100	3.6	2.1	6.3	





#25

2-Butanone

Concen: 95.128 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tot Ion: 43 Resp: 110139

Ion Ratio Lower Upper

43 100

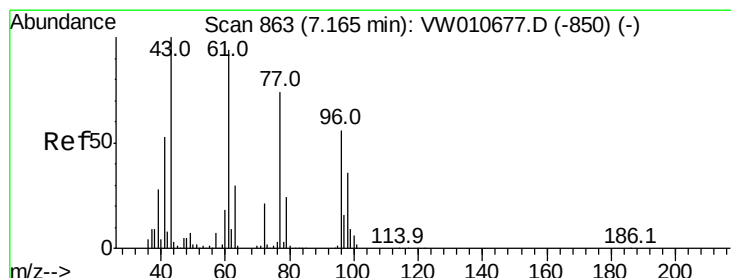
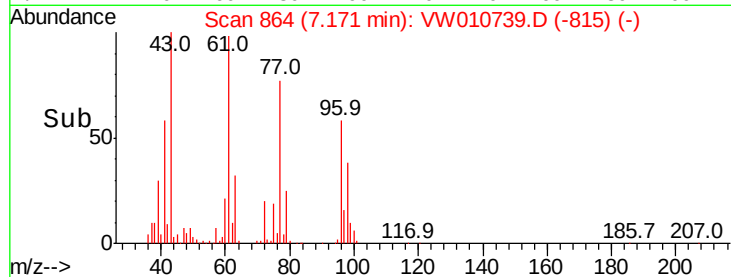
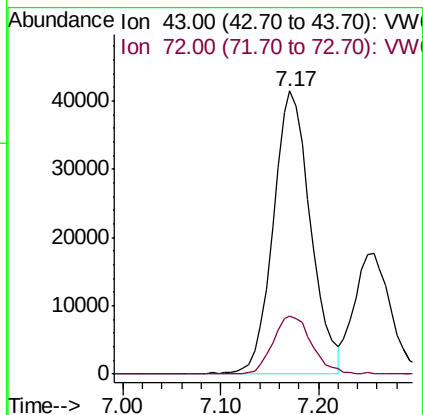
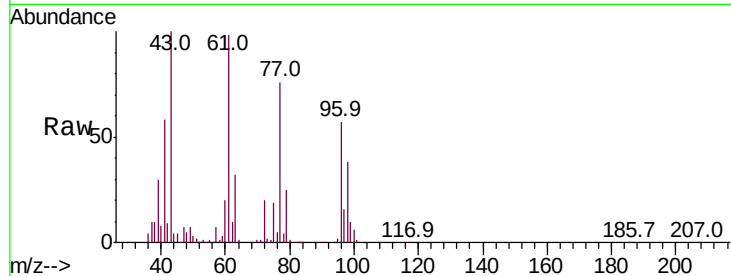
72 20.4 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.426 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010739.D

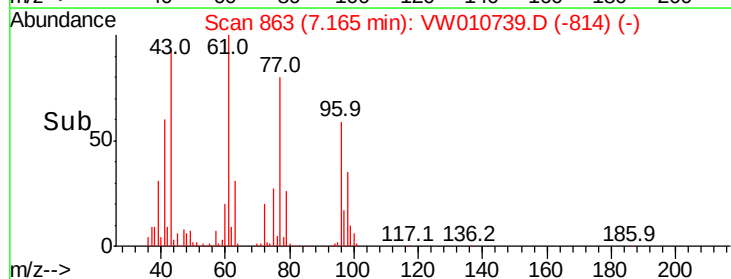
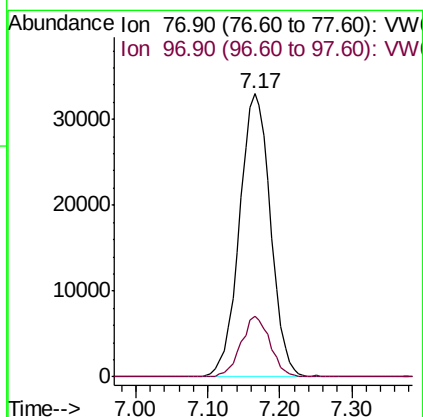
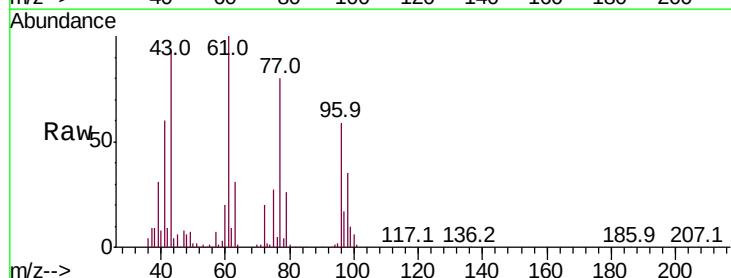
Acq: 10 Jun 2019 12:28

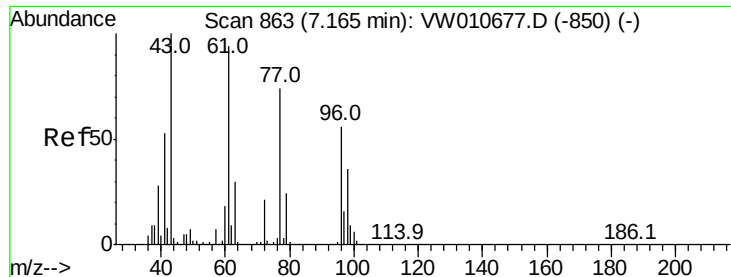
Tgt Ion: 77 Resp: 98611

Ion Ratio Lower Upper

77 100

97 20.1 10.5 31.6





#27

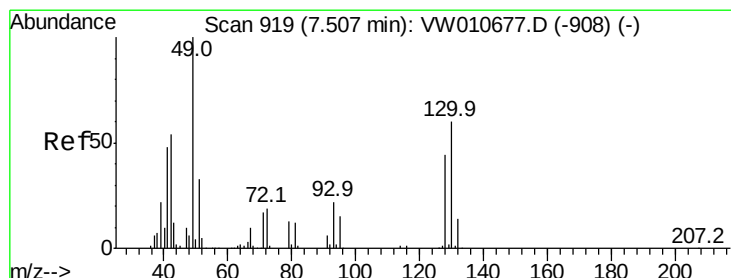
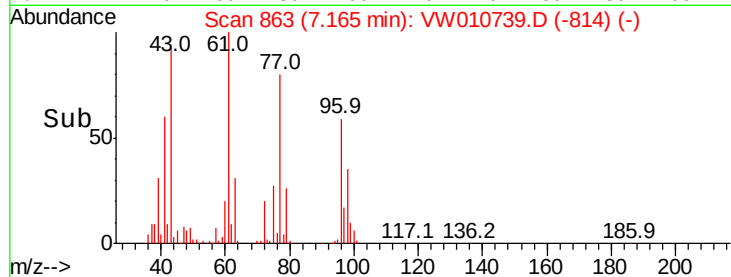
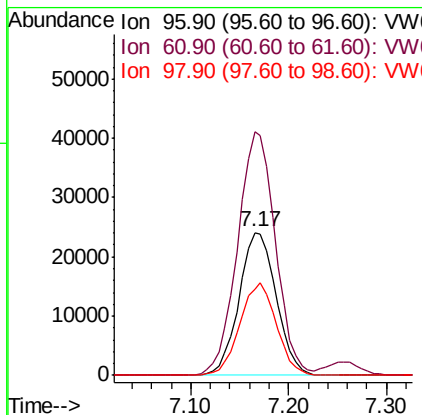
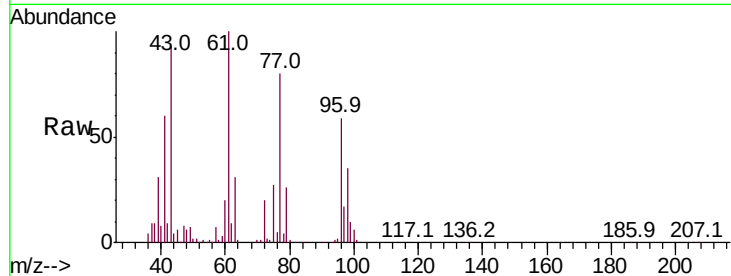
cis-1,2-Dichloroethene
 Concen: 19.911 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0610SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	173.8	0.0	336.4
98	63.3	0.0	128.0

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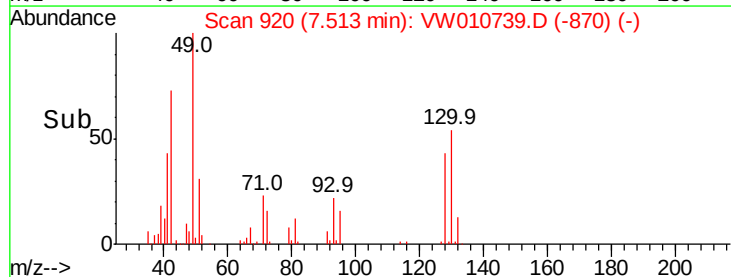
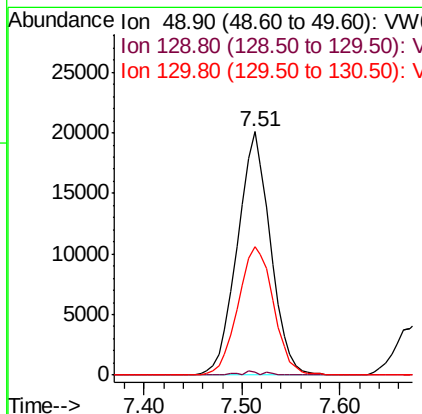
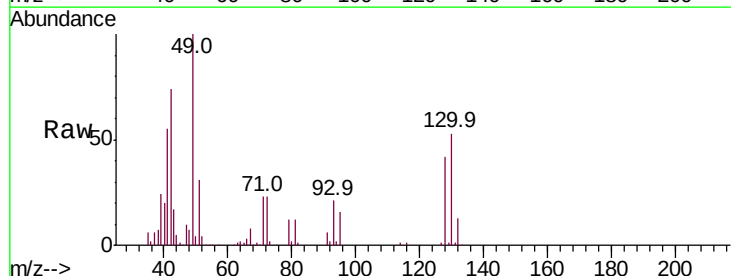
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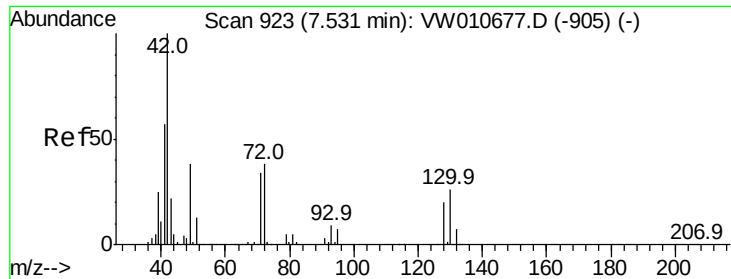


#28

Bromochloromethane
 Concen: 18.698 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.2
130	56.7	48.3	72.5





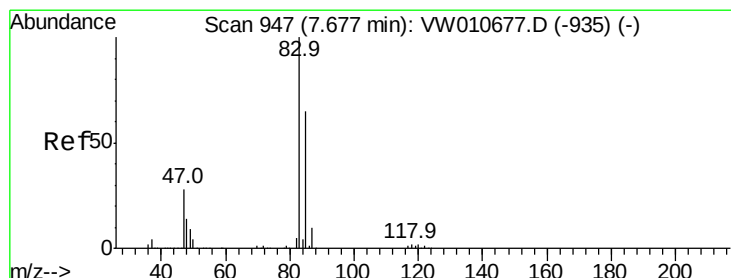
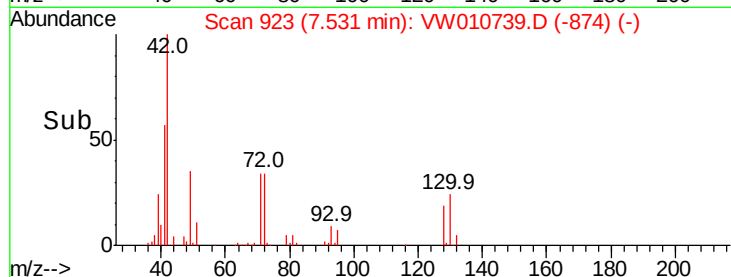
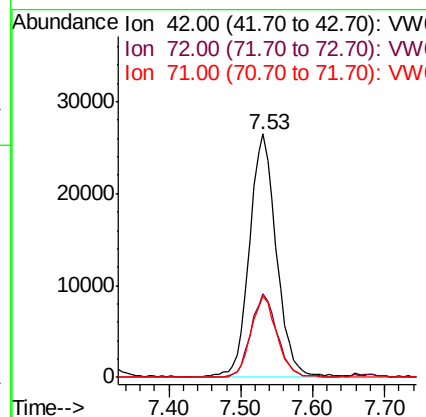
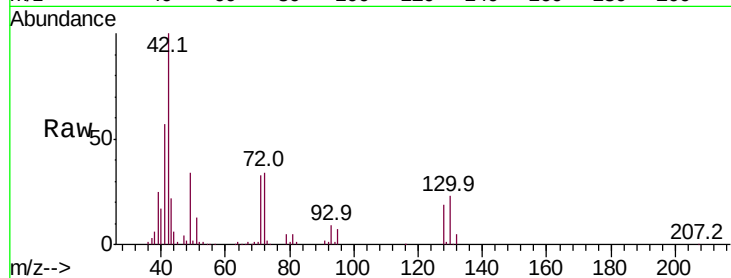
#29
Tetrahydrofuran
Concen: 94.907 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.5	28.7	43.1
71	32.2	26.6	39.8

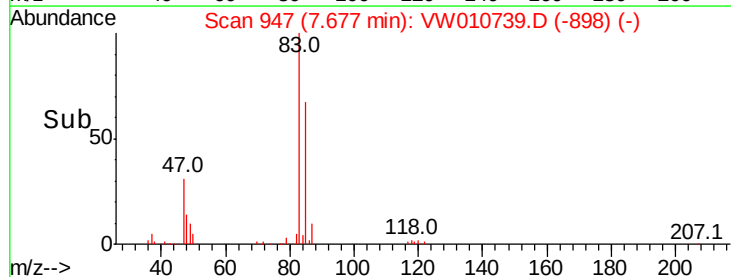
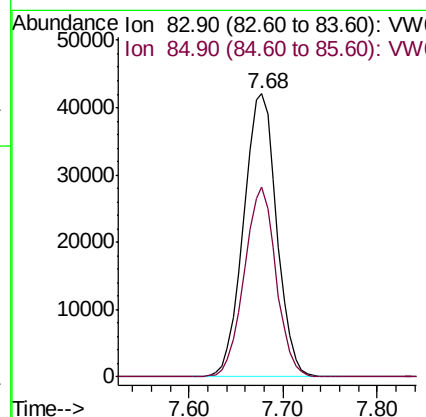
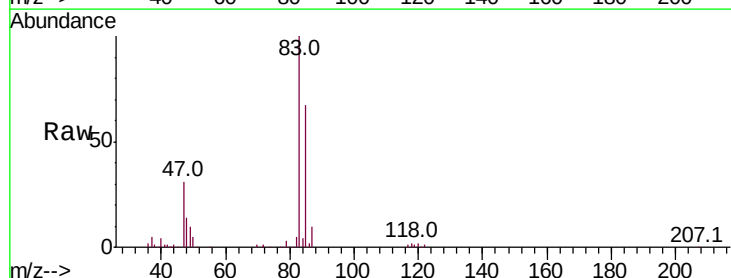
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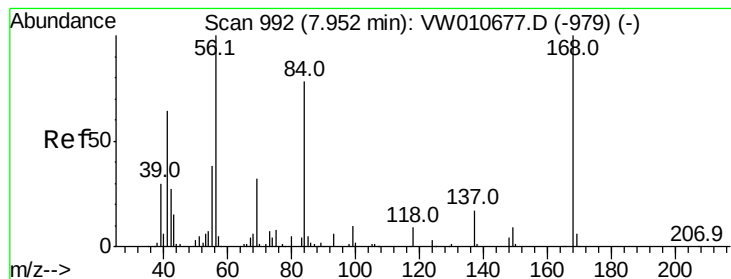
MMDadoda
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#30
Chloroform
Concen: 19.997 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.3	51.8	77.8





#31

Cyclohexane

Concen: 19.498 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

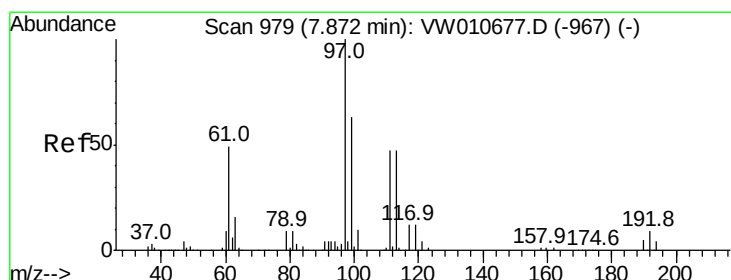
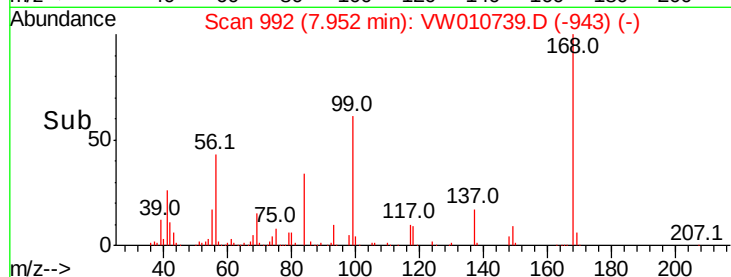
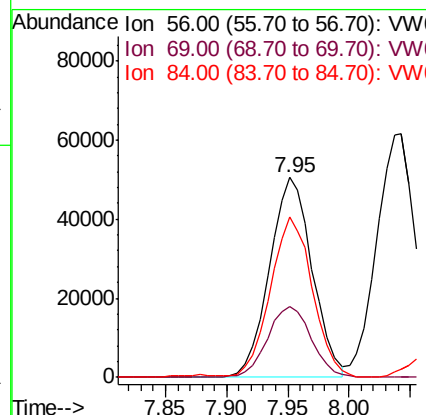
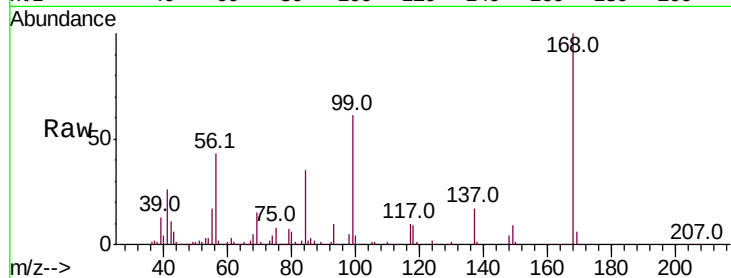
ClientSampleId :

VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	25.2	37.8
84	79.1	62.2	93.2

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#32

1,1,1-Trichloroethane

Concen: 20.341 ug/l

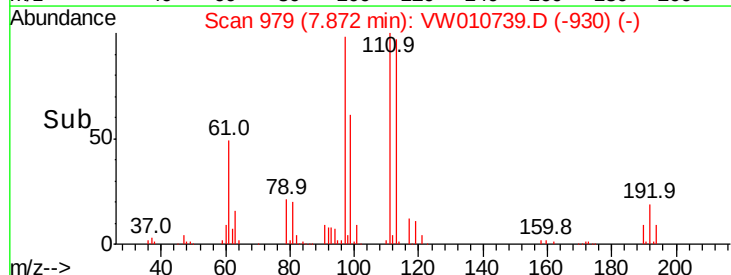
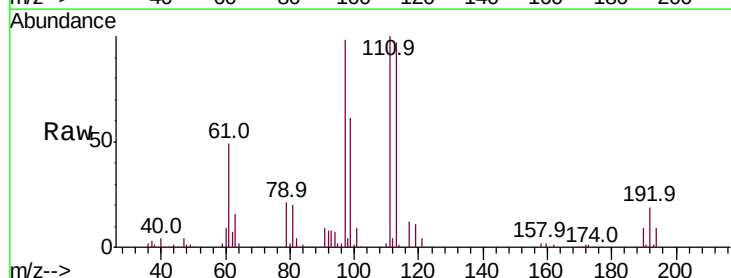
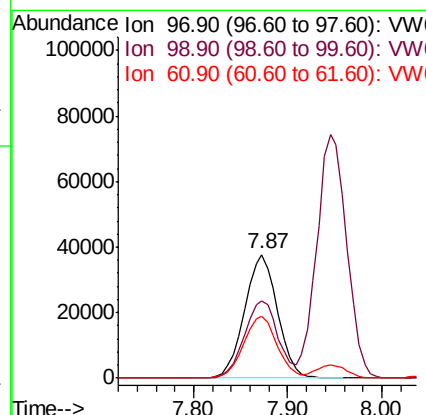
RT: 7.87 min Scan# 979

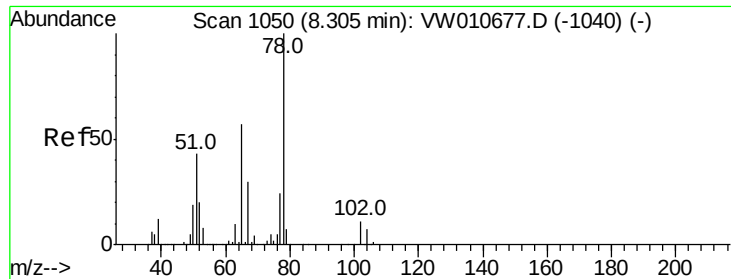
Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	51.0	40.4	60.6





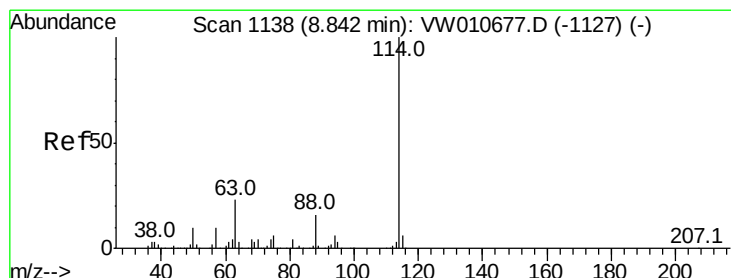
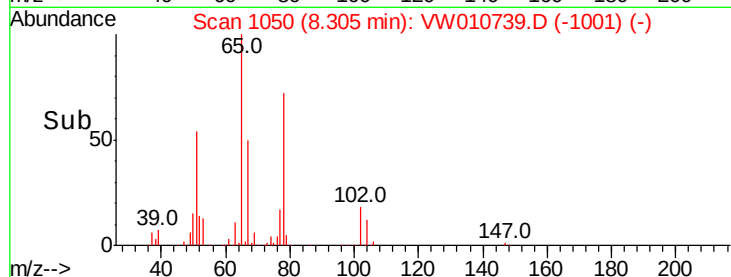
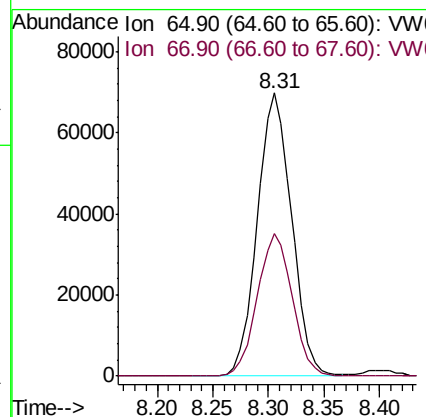
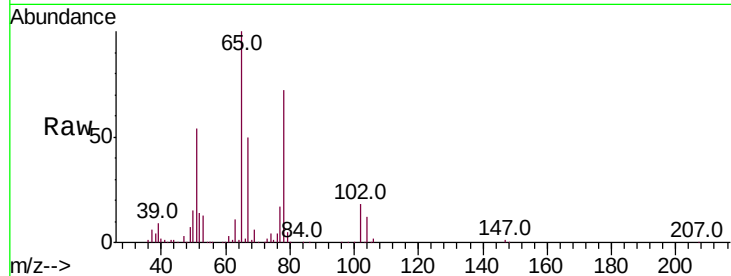
#33
 1,2-Dichloroethane-d4
 Concen: 48.096 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.2	0.0	102.6

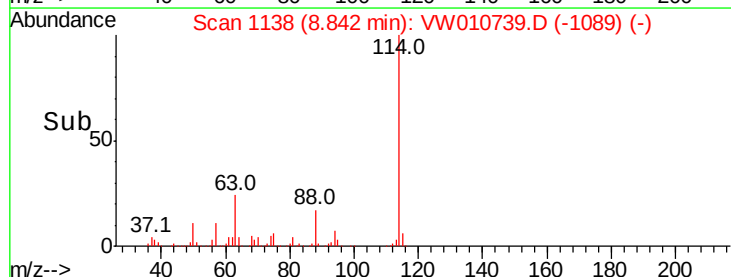
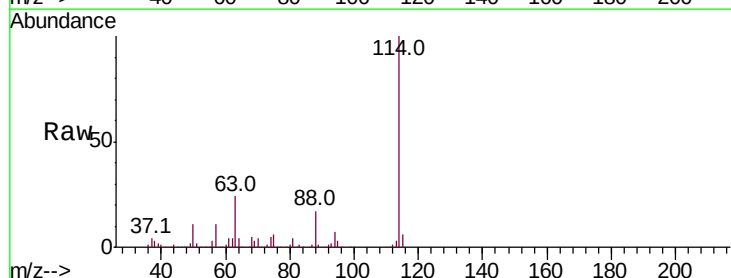
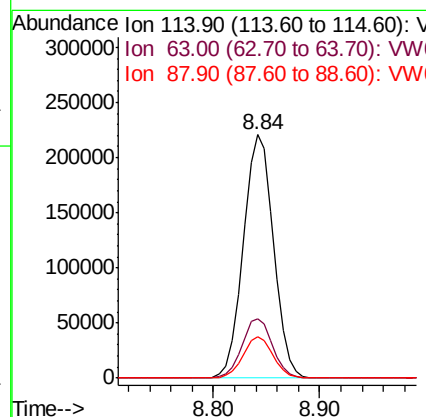
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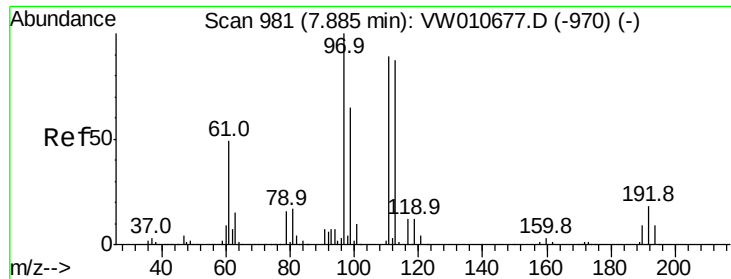
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.3	0.0	46.4
88	16.9	0.0	32.2





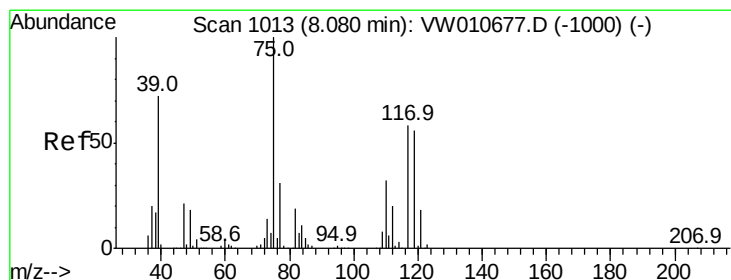
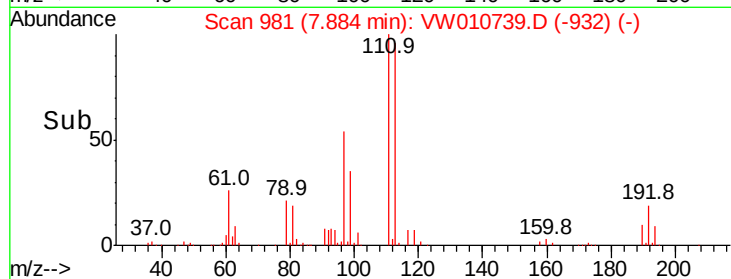
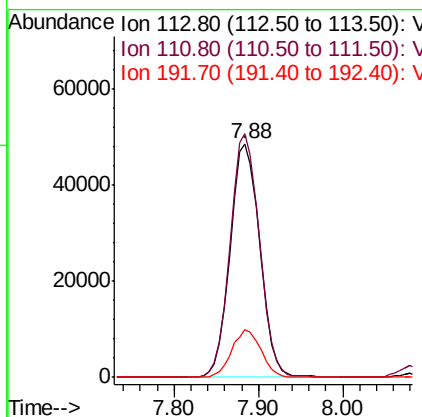
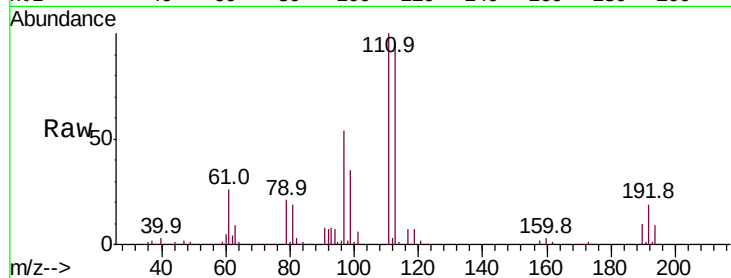
#35
 Dibromofluoromethane
 Concen: 48.436 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.3	82.6	123.8	
192	19.9	16.4	24.6	

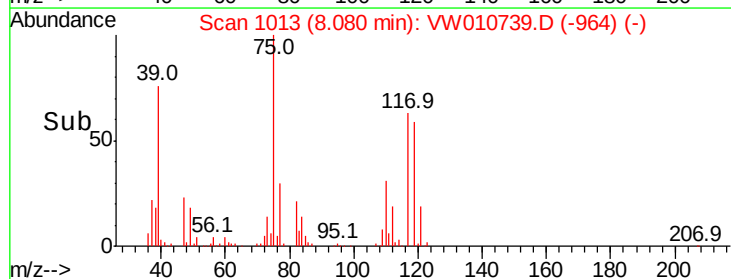
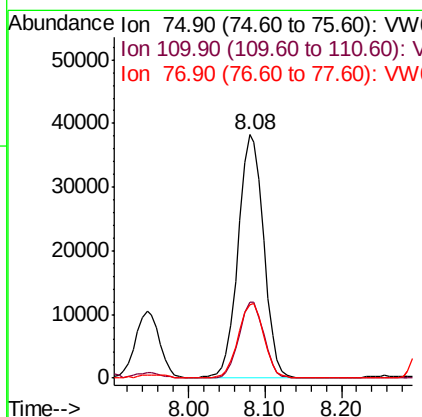
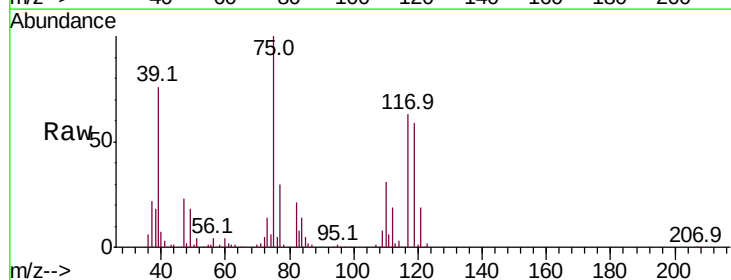
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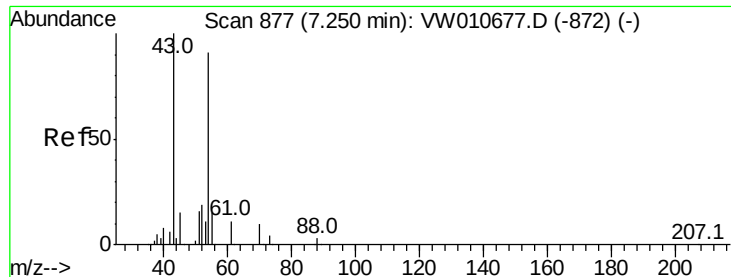
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#36
 1,1-Dichloropropene
 Concen: 19.663 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	30.6	15.8	47.3	
77	31.0	24.7	37.1	





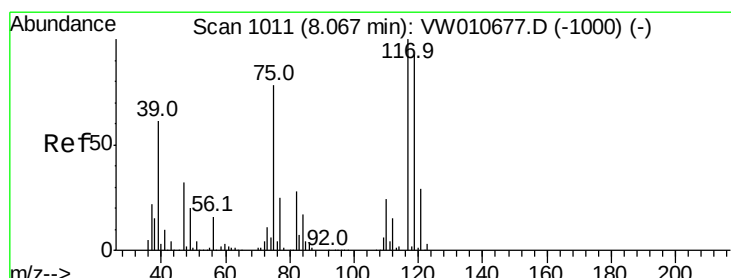
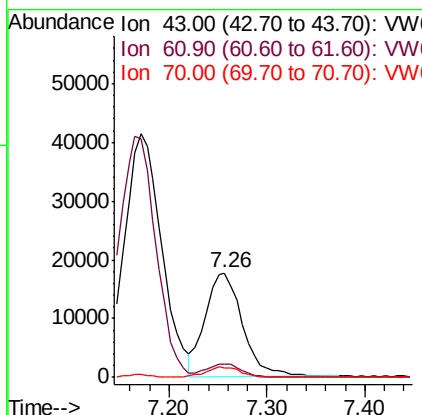
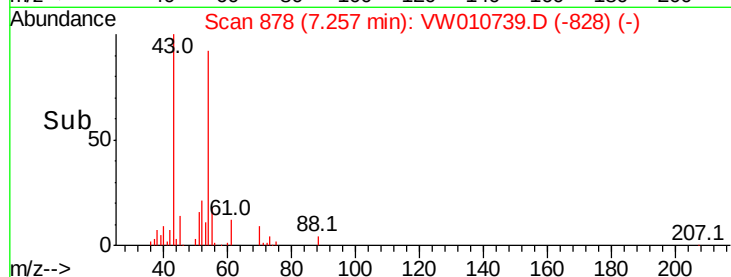
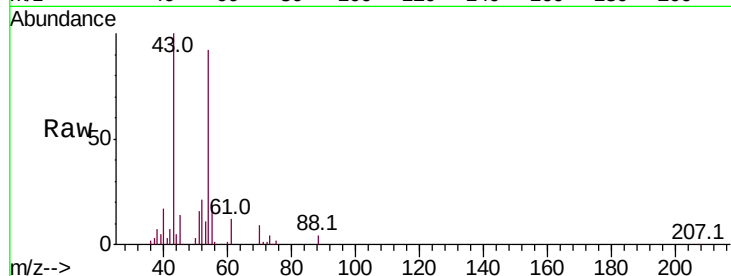
#37
Ethyl Acetate
Concen: 18.684 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion: 43 Resp: 46592
Ion Ratio Lower Upper
43 100
61 12.3 9.7 14.5
70 9.5 7.2 10.8

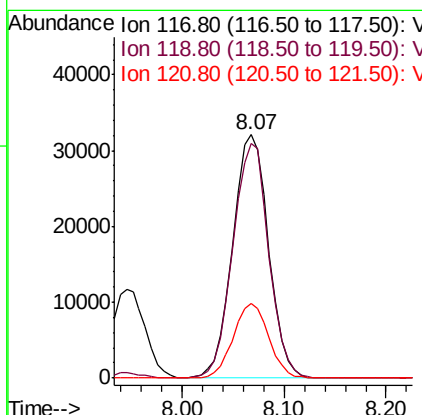
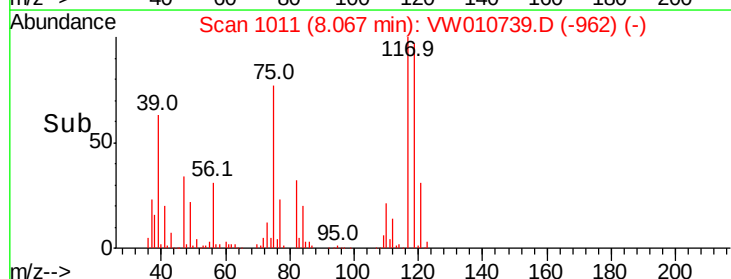
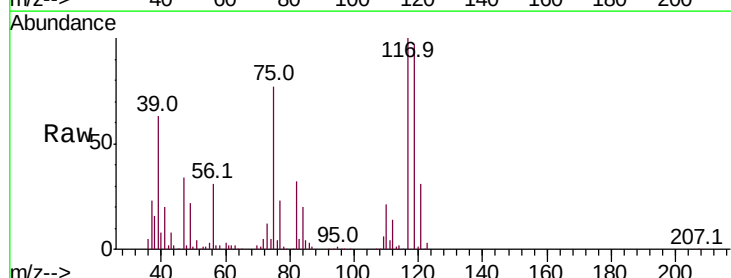
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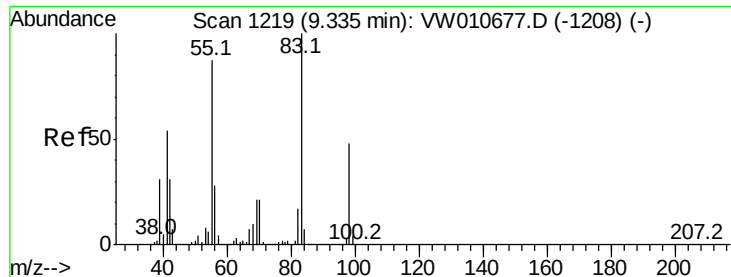
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#38
Carbon Tetrachloride
Concen: 20.115 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 117 Resp: 78139
Ion Ratio Lower Upper
117 100
119 96.6 74.2 111.4
121 30.5 22.9 34.3





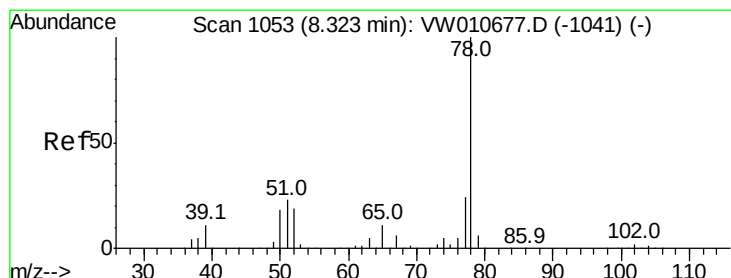
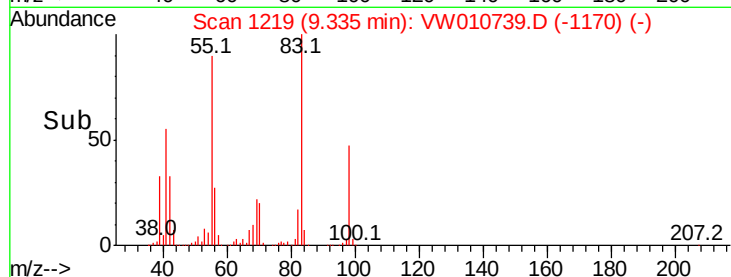
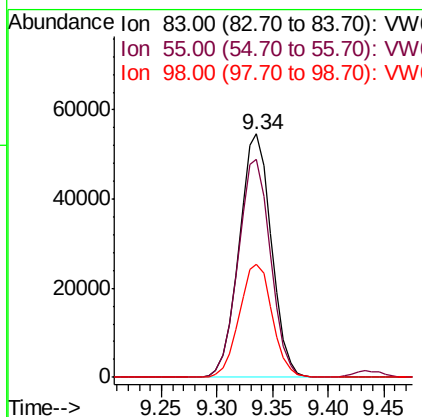
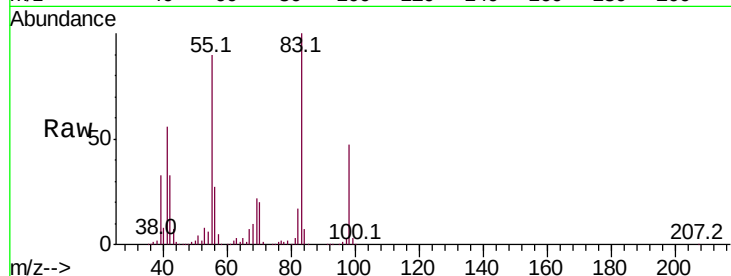
#39
Methylvlcyclohexane
Concen: 19.182 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.5	70.0	105.0
98	46.6	38.1	57.1

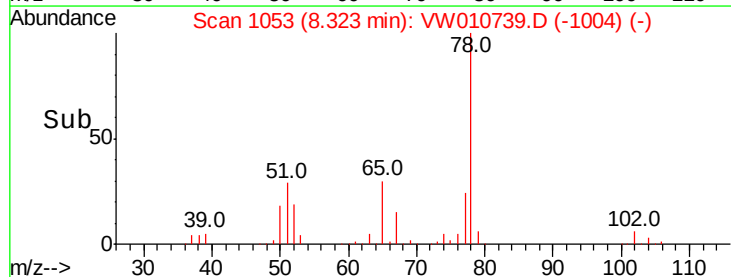
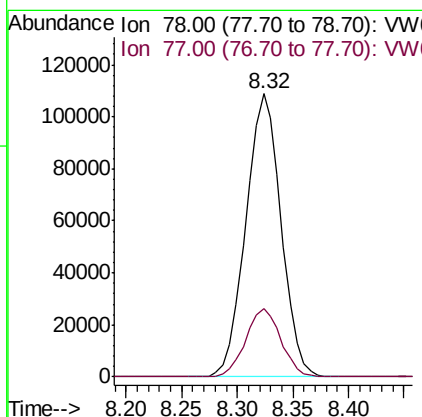
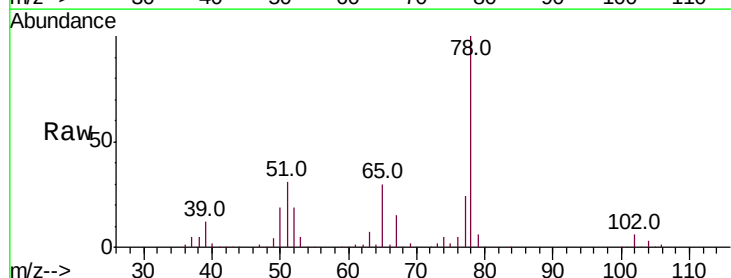
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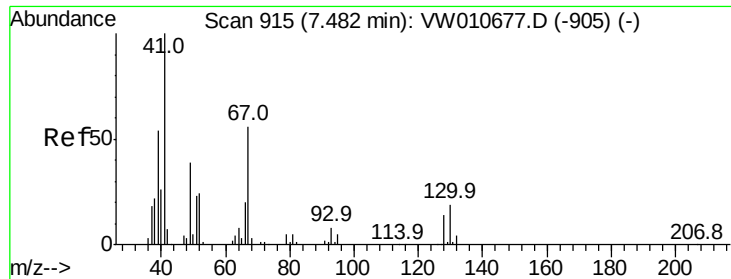
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#40
Benzene
Concen: 19.508 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





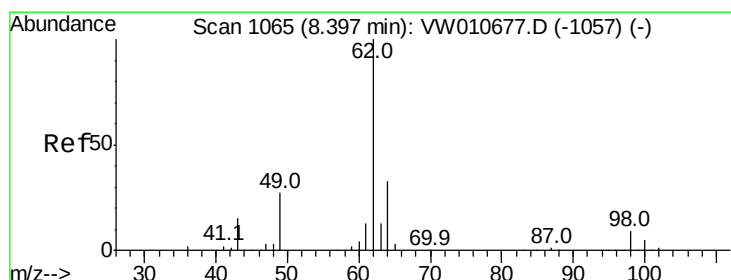
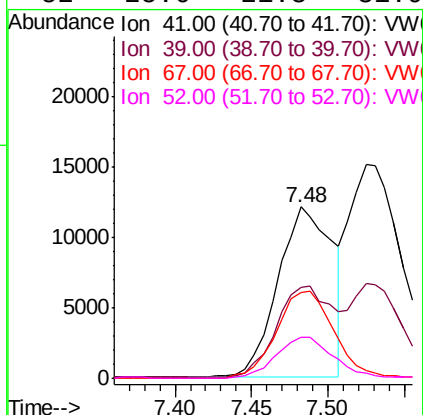
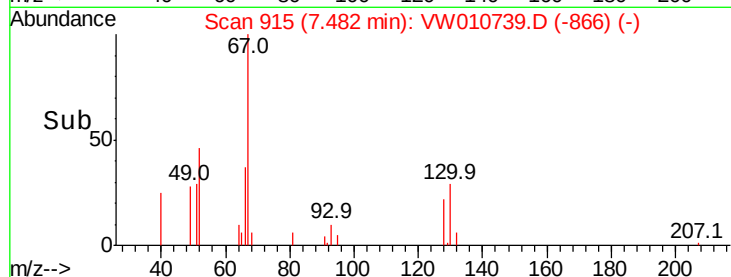
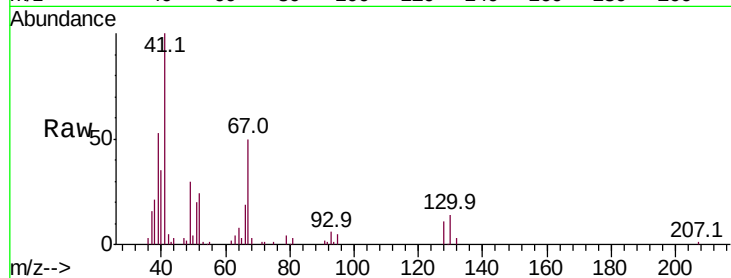
#41
Methacrylonitrile
Concen: 20.349 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.9	47.3	70.9	
67	53.5	47.2	70.8	
52	25.6	21.3	31.9	

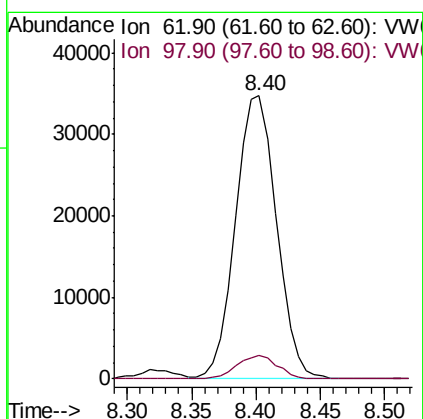
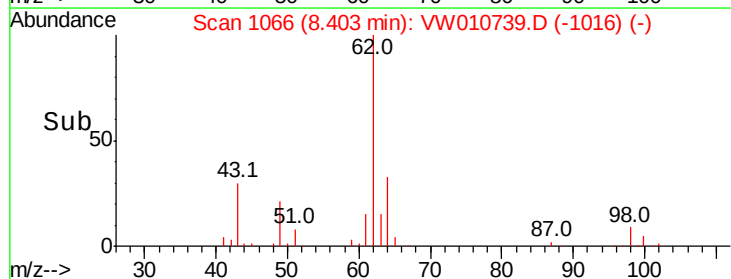
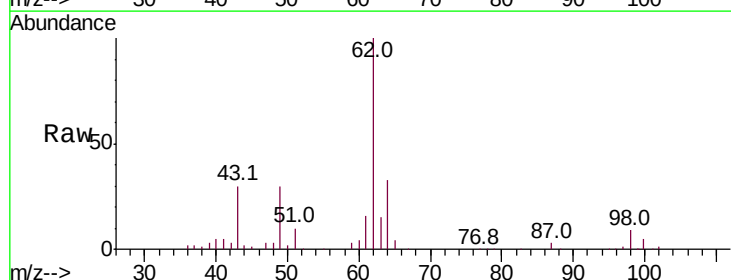
Manual Integrations
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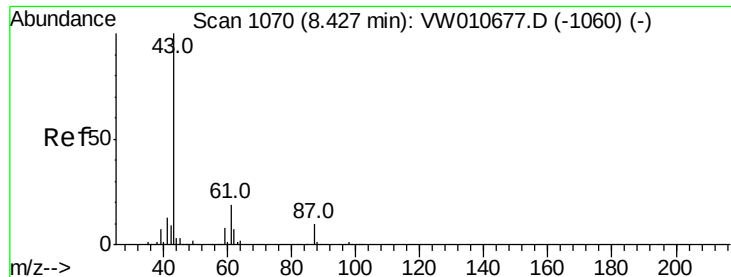
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#42
1,2-Dichloroethane
Concen: 19.627 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.4	0.0	17.2	





#43

Isopropyl Acetate

Concen: 18.712 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

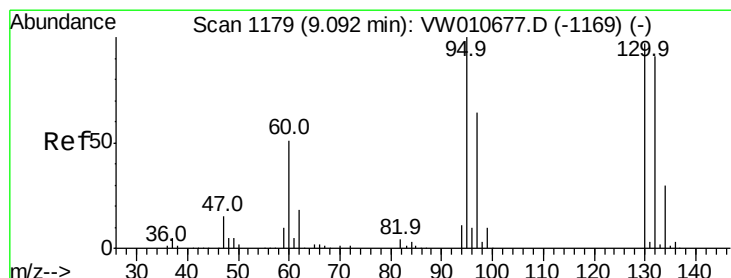
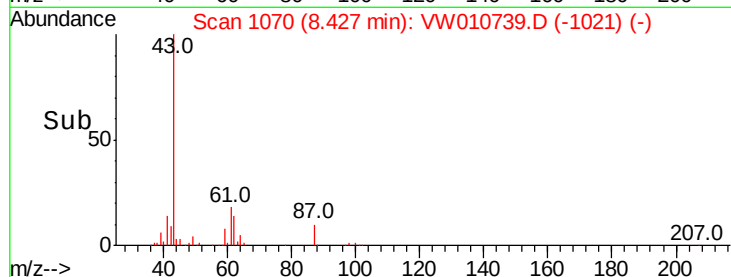
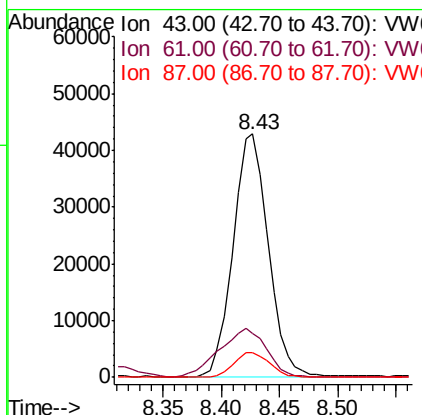
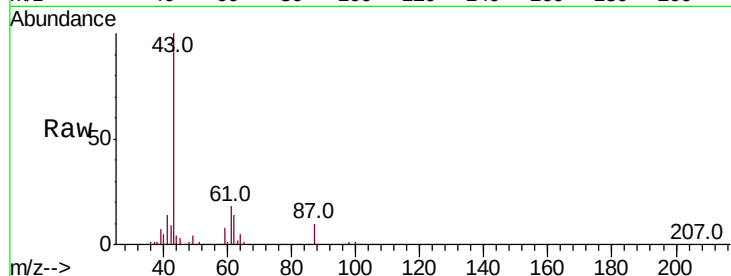
ClientSampleId :

VW0610SBSD01

Tot Ion:	43	Resp:	90146
Ion	Ratio	Lower	Upper
43	100		
61	27.0	21.2	31.8
87	10.6	8.3	12.5

Manual Integrations
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#44

Trichloroethene

Concen: 18.965 ug/l

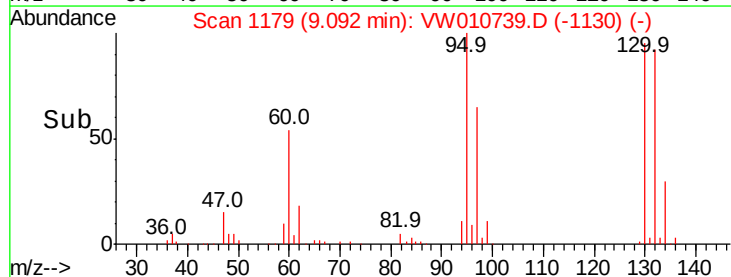
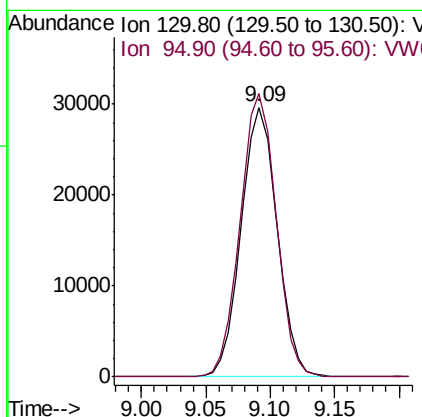
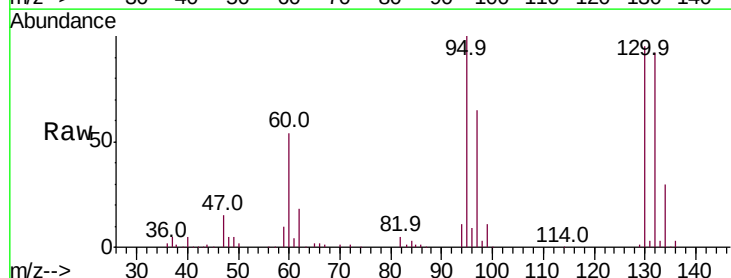
RT: 9.09 min Scan# 1179

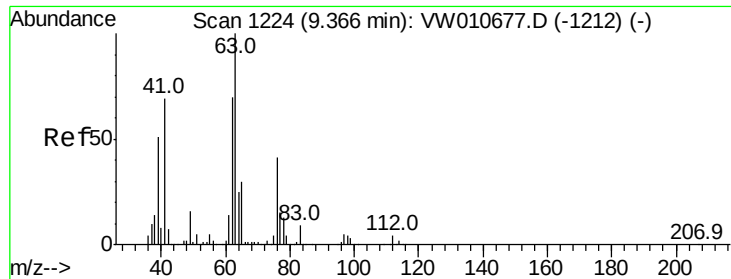
Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion:	130	Resp:	57430
Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	207.0





#45

1,2-Dichloropropane

Concen: 19.902 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tot Ion: 63 Resp: 64675

Ion Ratio Lower Upper

63 100

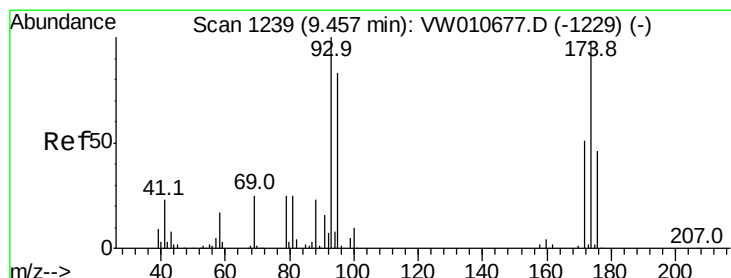
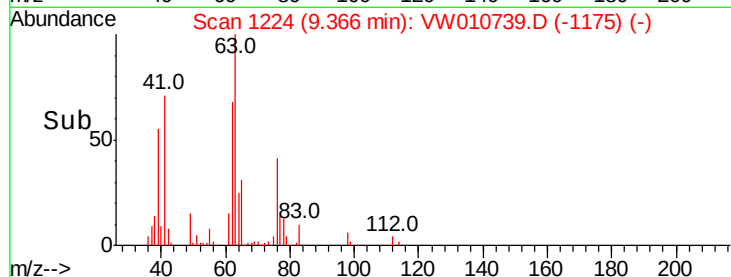
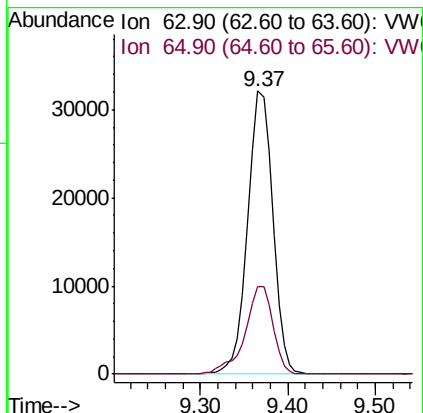
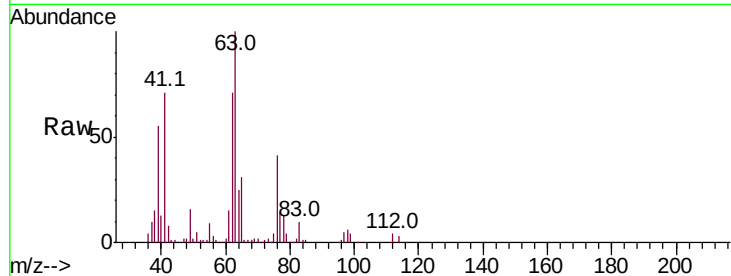
65 30.9 23.8 35.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.128 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

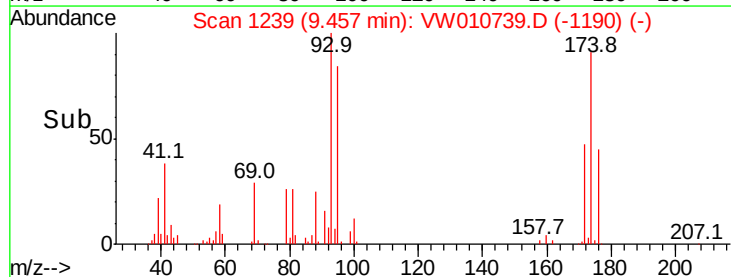
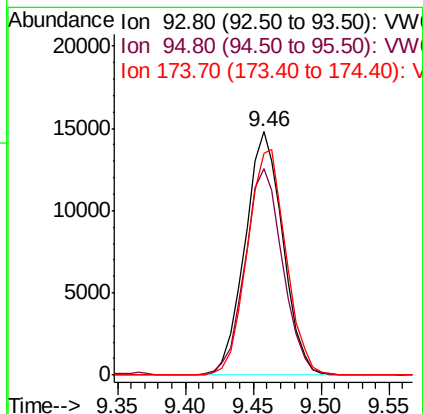
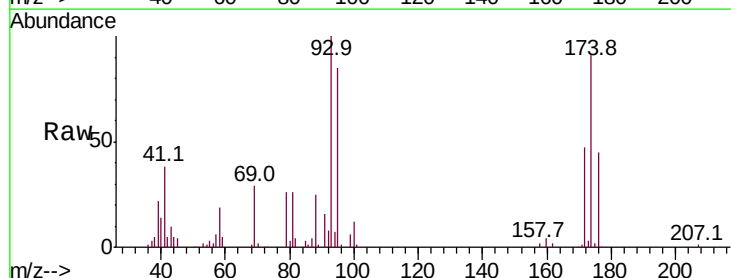
Tgt Ion: 93 Resp: 28872

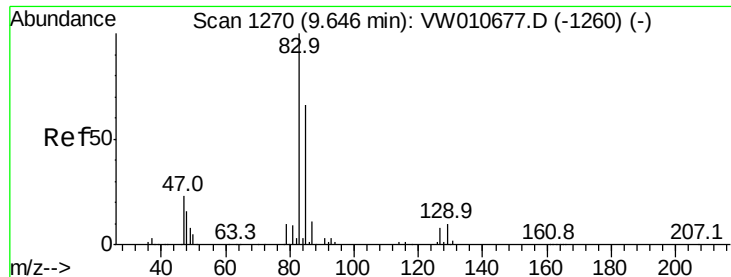
Ion Ratio Lower Upper

93 100

95 84.3 65.8 98.8

174 94.4 77.4 116.0





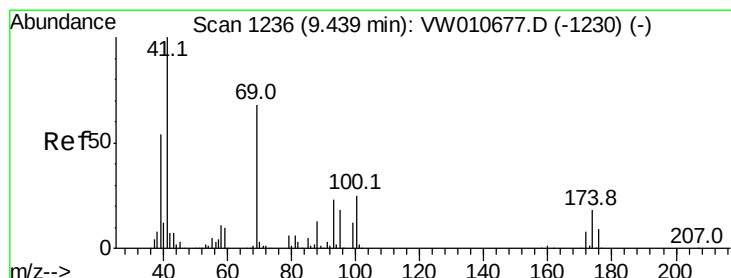
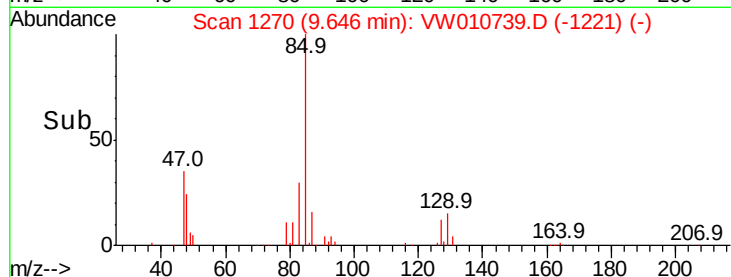
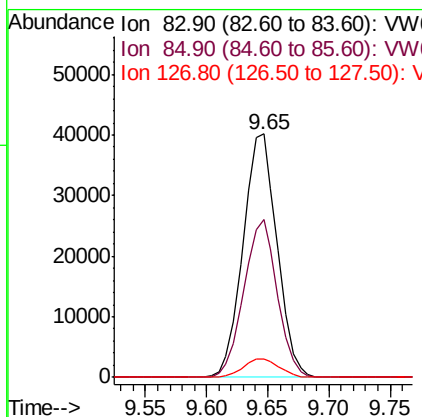
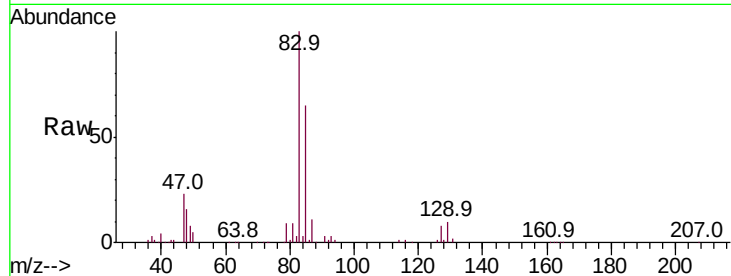
#47
 Bromodichloromethane
 Concen: 19.843 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.8	53.0	79.4
127	7.7	6.4	9.6

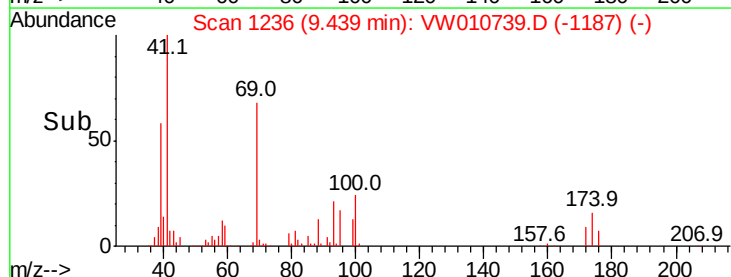
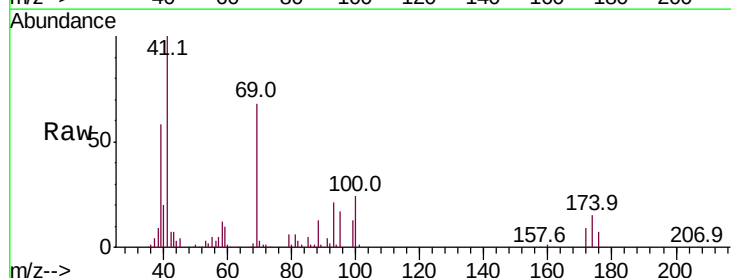
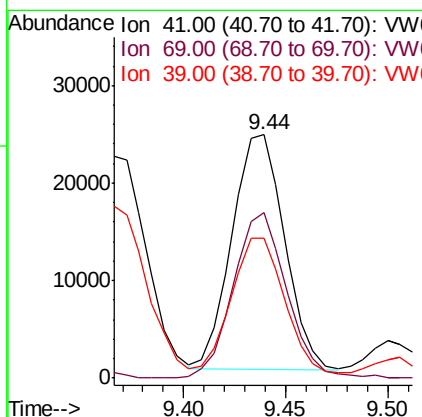
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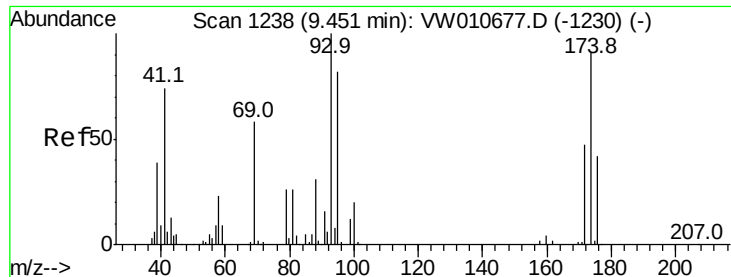
MMDadoda
 6/11/2019 1:02:24 PM



#48
 Methyl methacrylate
 Concen: 18.608 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.0	56.6	85.0
39	57.4	44.4	66.6





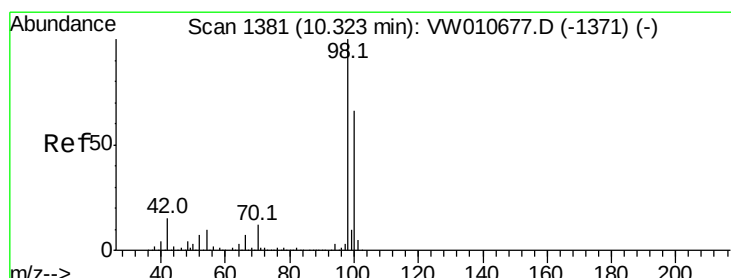
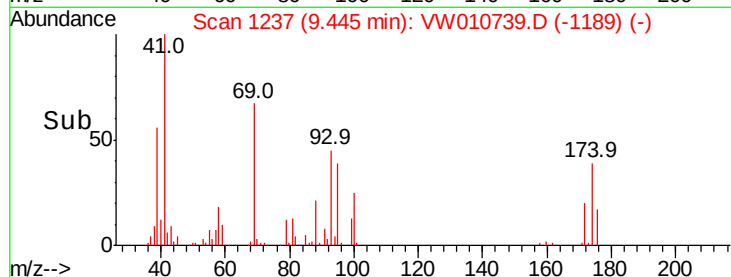
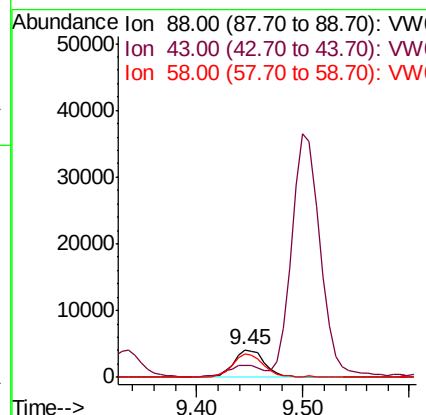
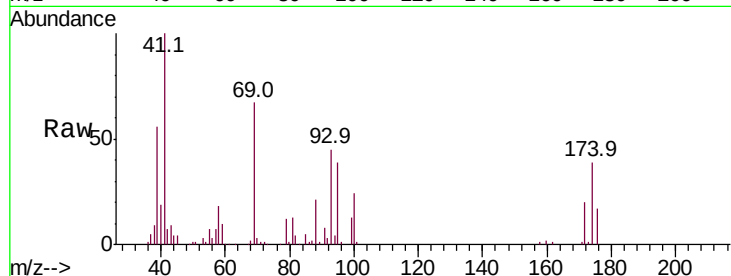
#49
1,4-Dioxane
Concen: 363.537 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBS01

Tot Ion	88	Resp	8579
Ion	Ratio	Lower	Upper
88	100		
43	48.3	34.2	51.4
58	84.1	69.0	103.4

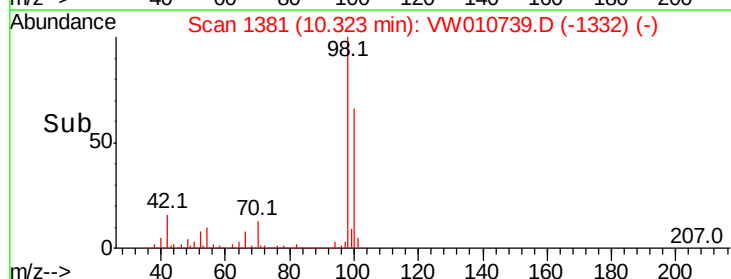
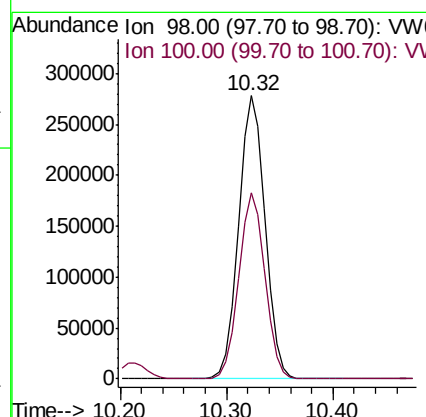
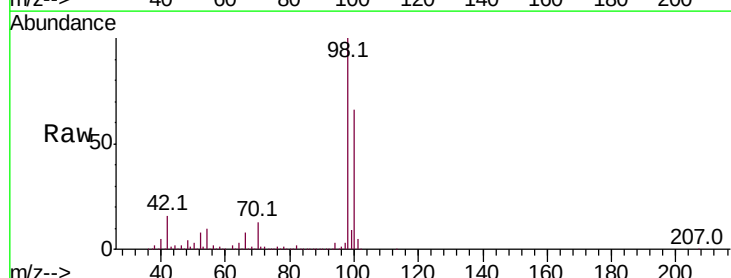
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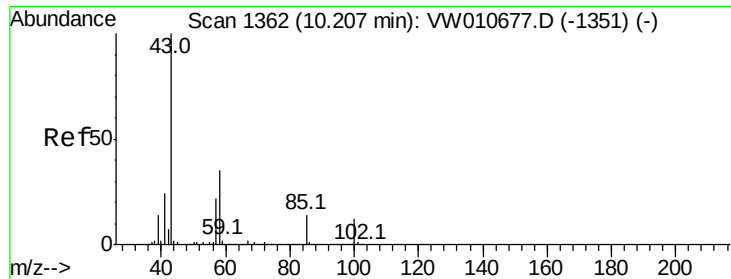
MMDadoda
6/11/2019 1:02:24 PM



#50
Toluene-d8
Concen: 46.332 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	98	Resp	484799
Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.0	79.6





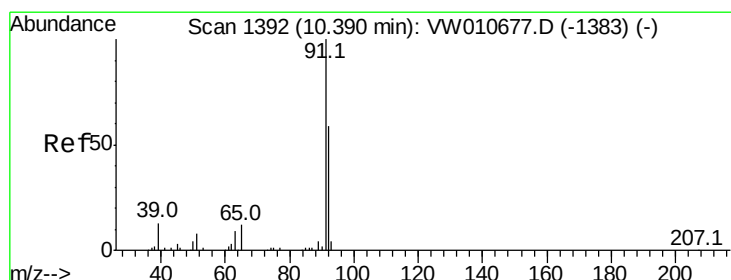
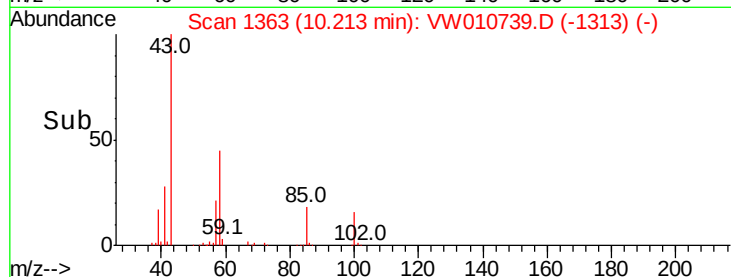
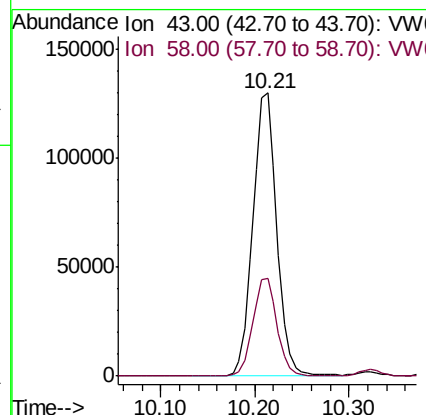
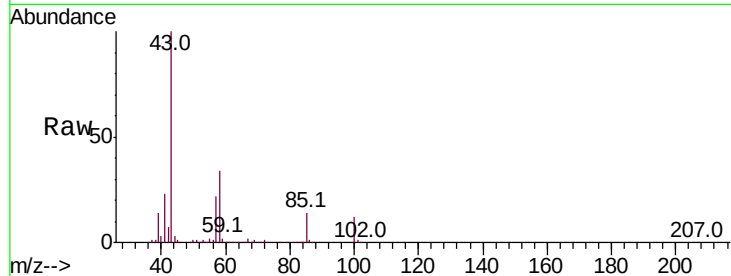
#51
4-Methyl-2-Pentanone
Concen: 94.206 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampled :
VW0610SBSD01

Tot Ion: 43 Resp: 231854
Ion Ratio Lower Upper
43 100
58 34.8 28.4 42.6

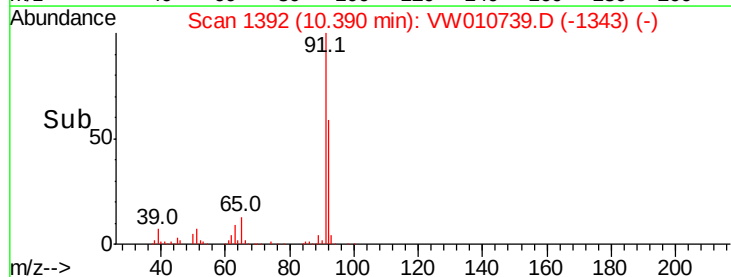
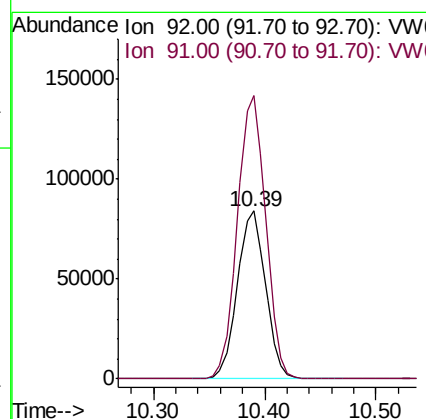
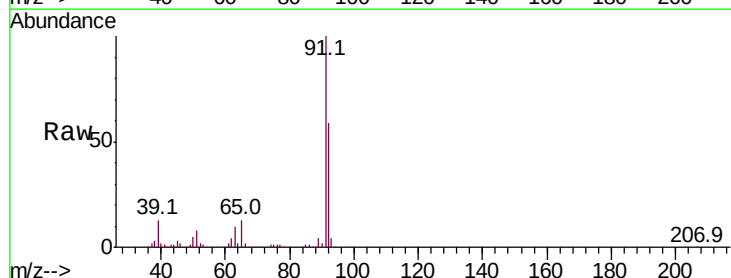
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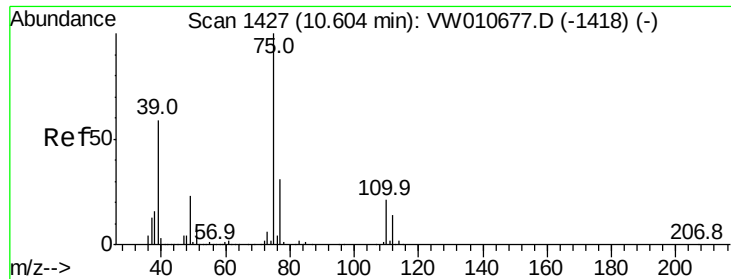
MMDadoda
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#52
Toluene
Concen: 19.478 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion: 92 Resp: 147121
Ion Ratio Lower Upper
92 100
91 170.3 134.9 202.3





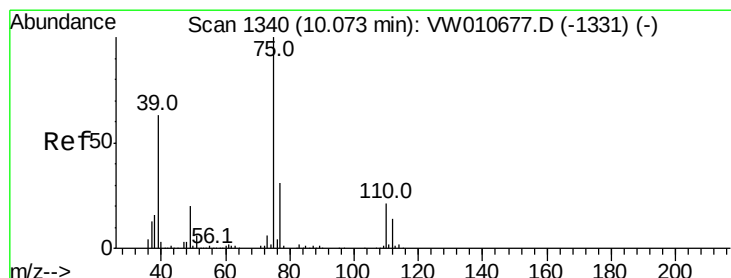
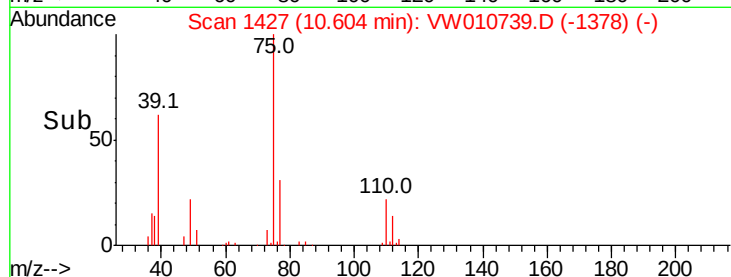
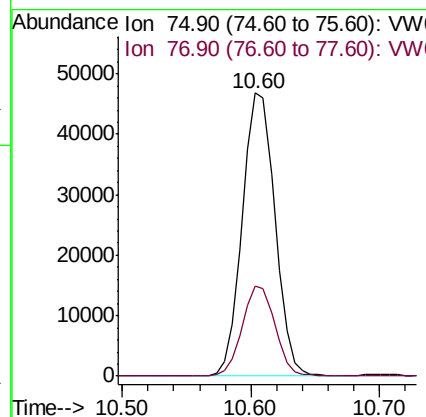
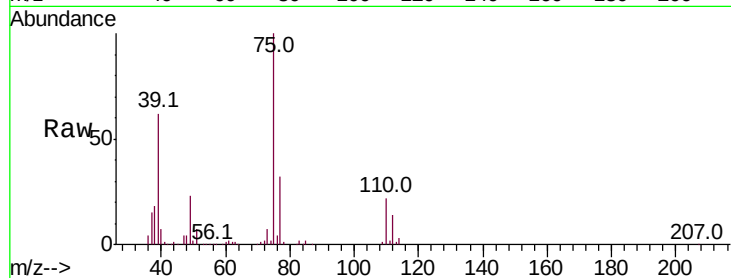
#53
 t-1,3-Dichloropropene
 Concen: 19.844 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBS01

Tot Ion	75	Resp	82238
Ion Ratio	Lower	Upper	
75	100		
77	31.5	24.6	36.8

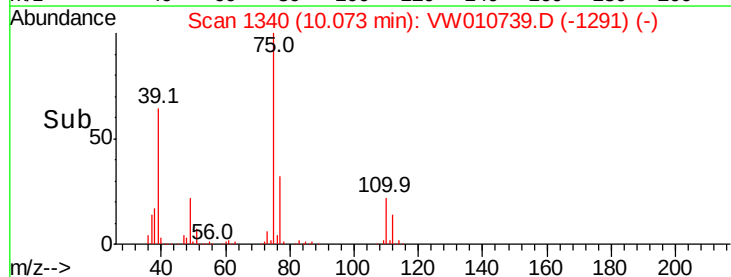
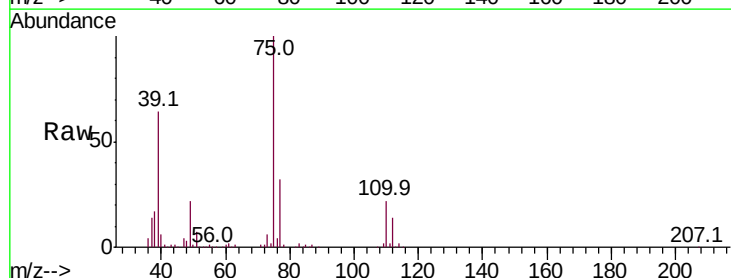
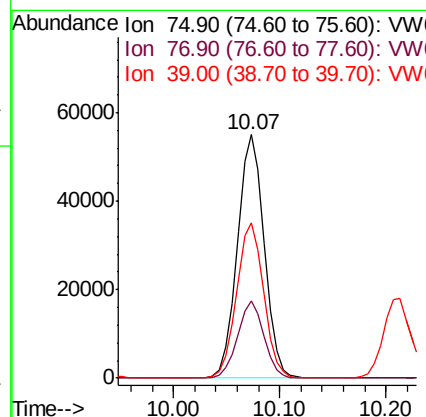
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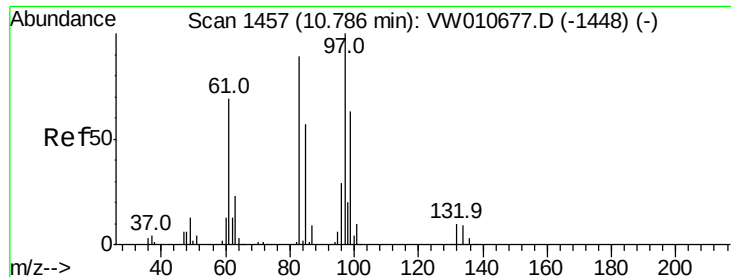
MMDadoda
 6/11/2019 1:02:24 PM



#54
 cis-1,3-Dichloropropene
 Concen: 19.951 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion	75	Resp	97290
Ion Ratio	Lower	Upper	
75	100		
77	31.8	25.2	37.8
39	63.9	50.1	75.1





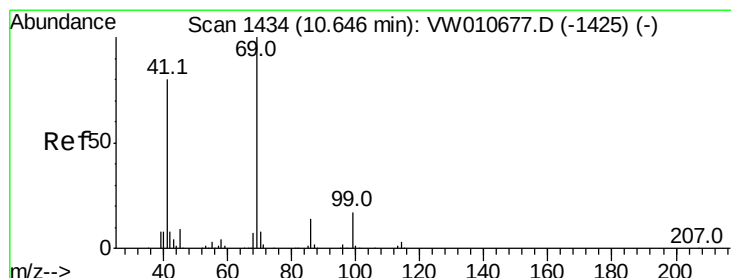
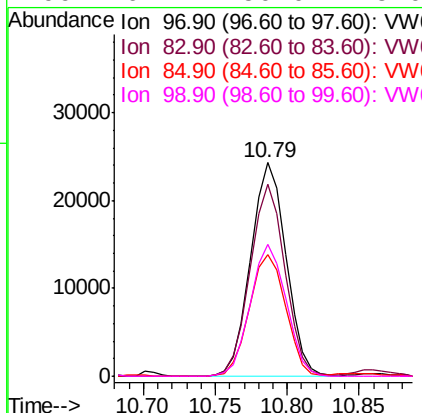
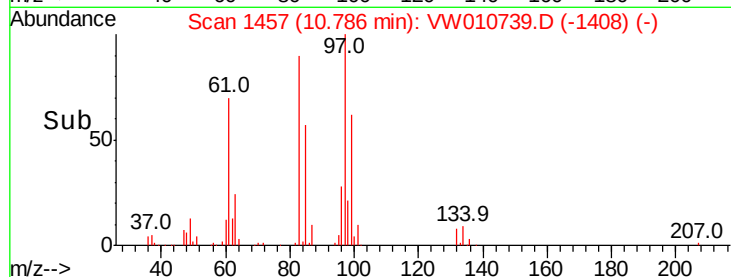
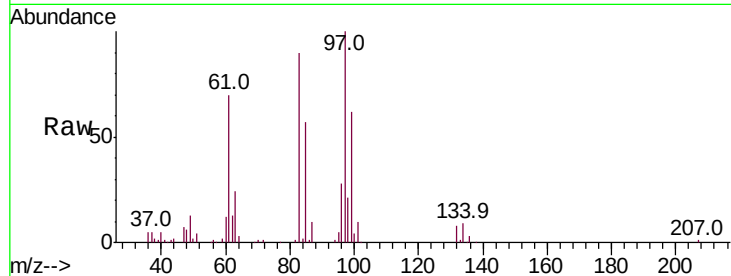
#55
 1,1,2-Trichloroethane
 Concen: 18.904 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

Tot Ion:	97	Resp:	41106
Ion	Ratio	Lower	Upper
97	100		
83	90.1	71.1	106.7
85	56.9	45.2	67.8
99	61.7	50.0	75.0

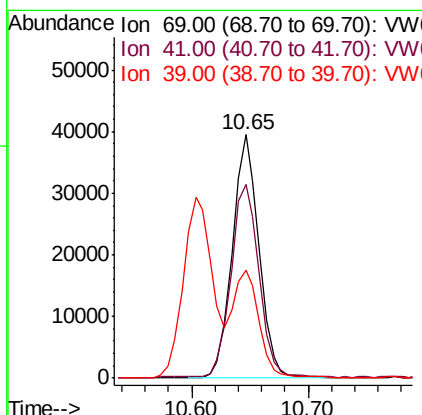
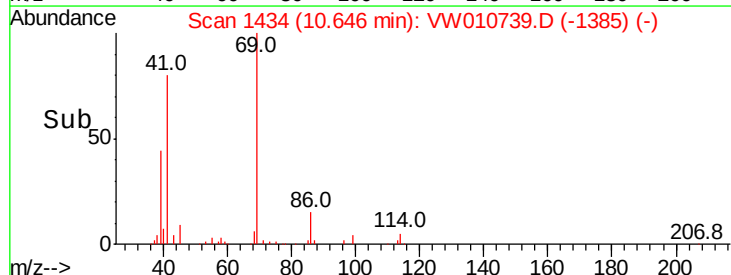
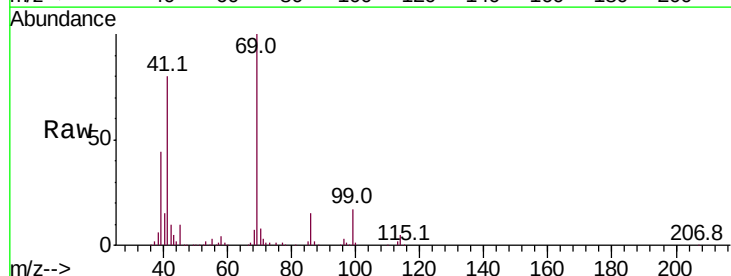
Manual Integrations
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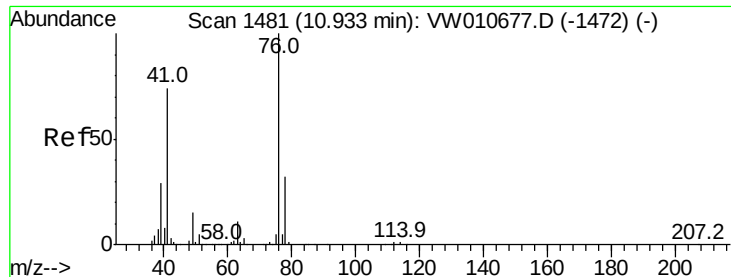
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#56
 Ethyl methacrylate
 Concen: 18.781 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion:	69	Resp:	62838
Ion	Ratio	Lower	Upper
69	100		
41	83.1	64.8	97.2
39	42.8	32.2	48.2





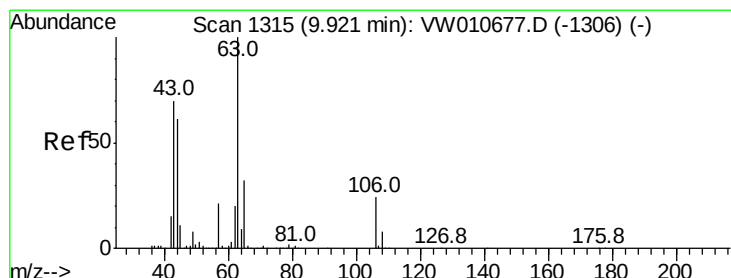
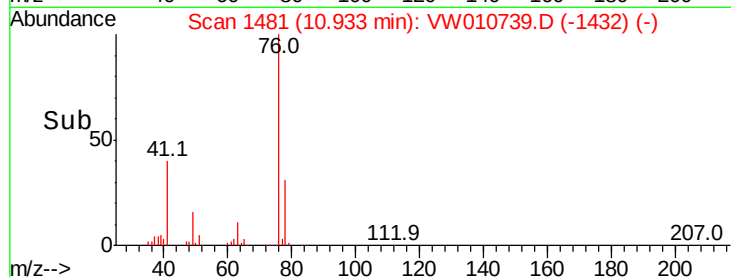
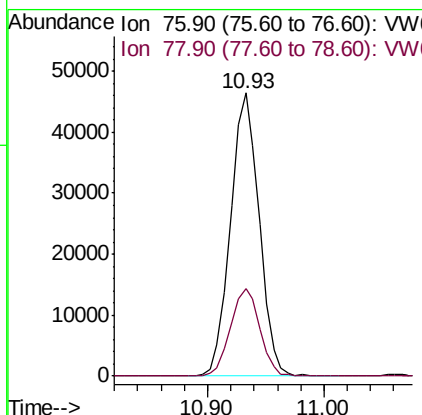
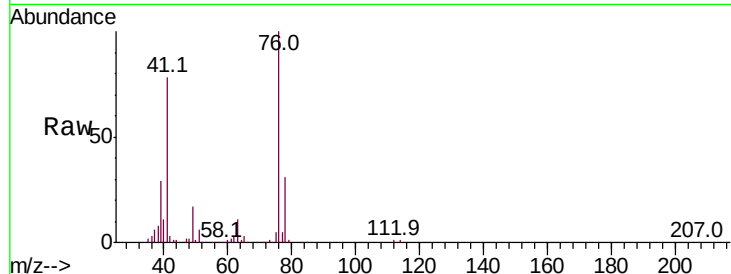
#57
 1,3-Dichloropropane
 Concen: 19.372 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampled :
 VW0610SBSD01

Tot Ion: 76 Resp: 79381
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.7 38.5

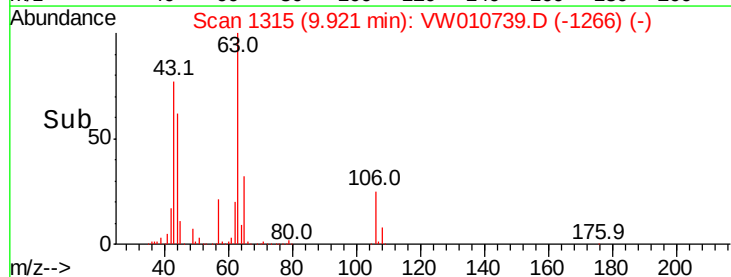
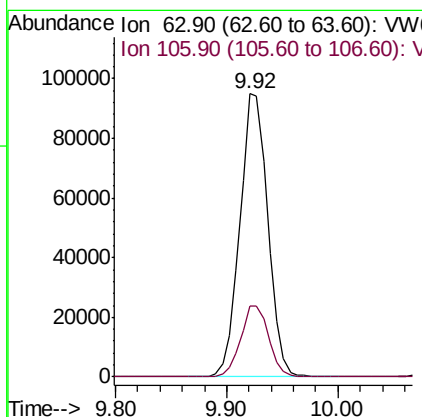
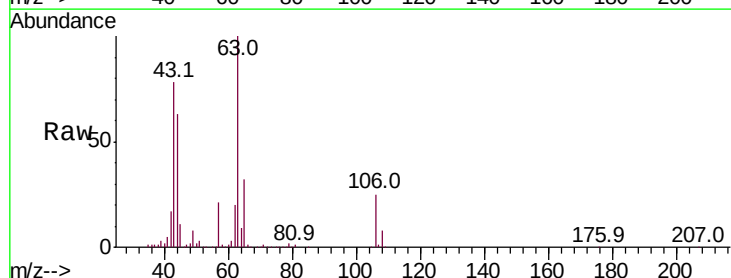
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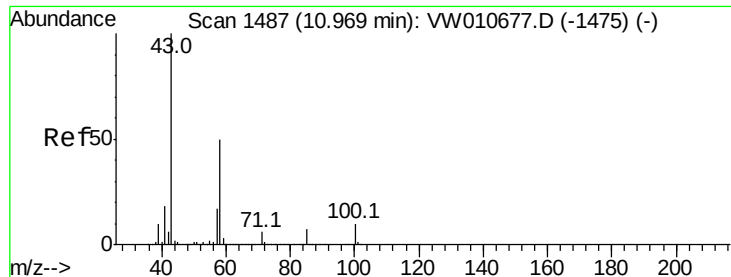
MMDadoda
 6/11/2019 1:02:24 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.446 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion: 63 Resp: 165516
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.1 30.1





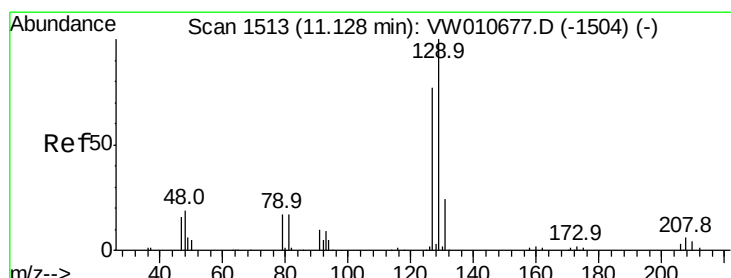
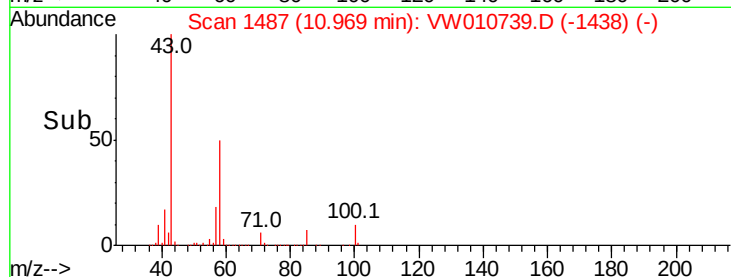
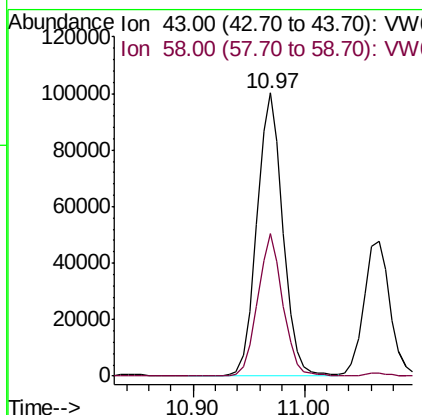
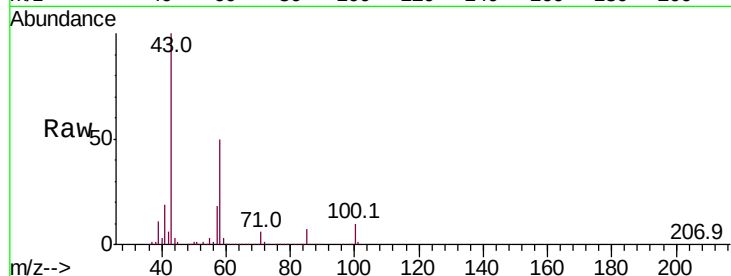
#59
2-Hexanone
Concen: 91.358 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.5	24.9	74.6

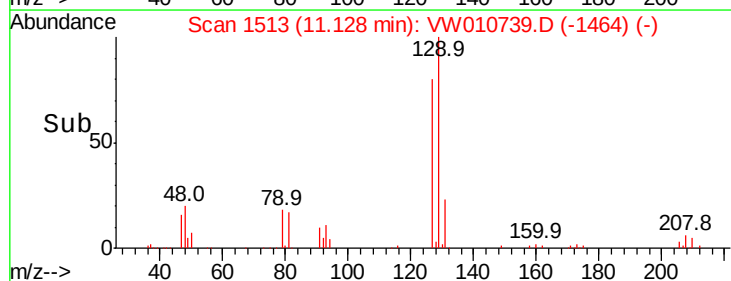
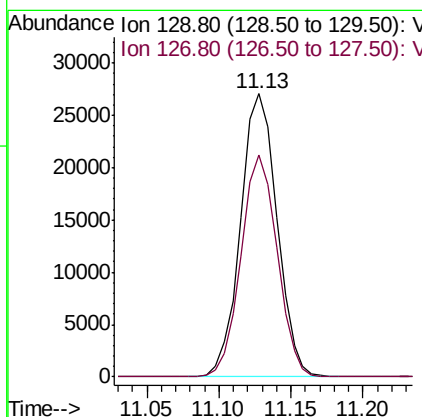
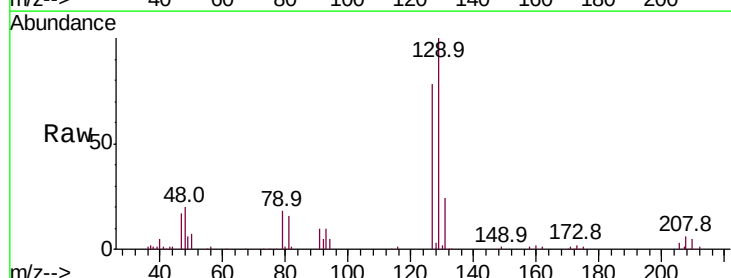
Manual Integrations
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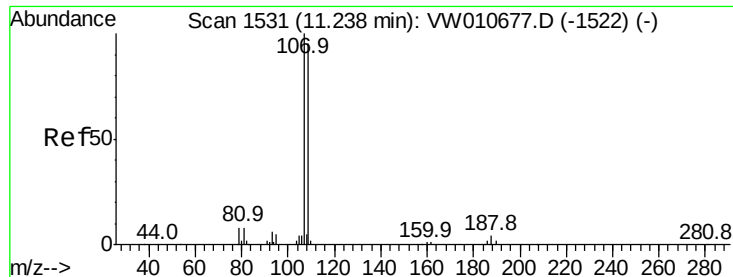
MMDadoda
6/11/2019 1:02:24 PM



#60
Dibromochloromethane
Concen: 19.748 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.6	116.0





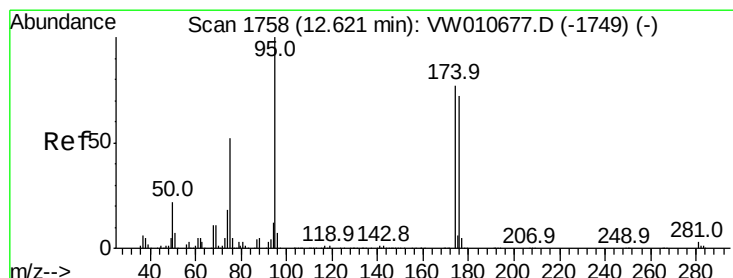
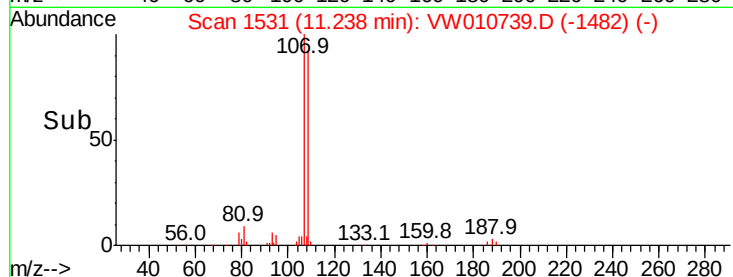
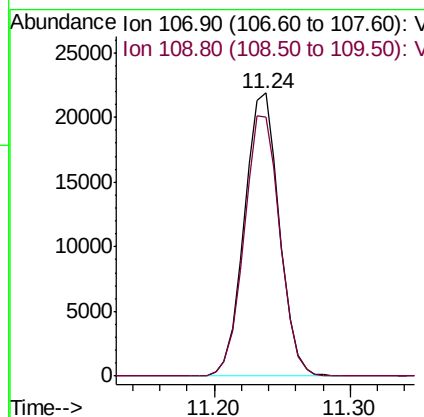
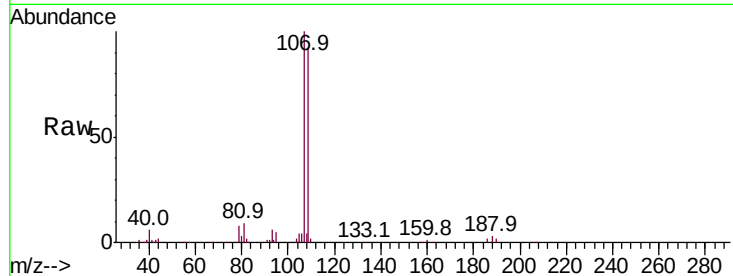
#61
 1,2-Dibromoethane
 Concen: 19.098 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.8	113.8

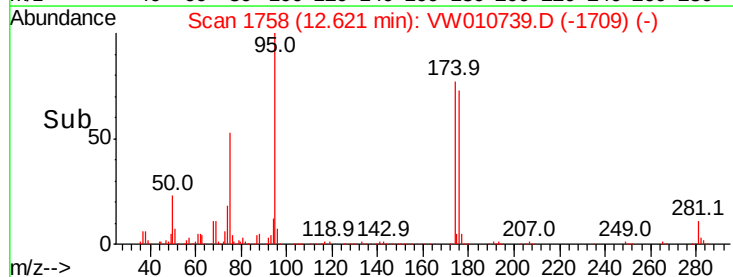
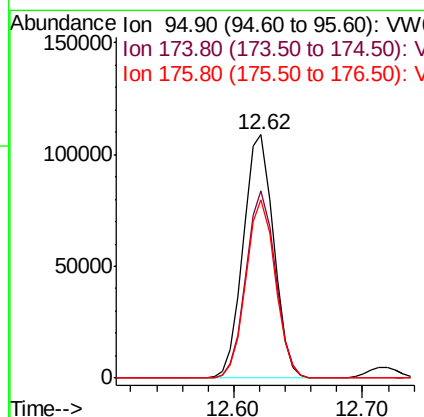
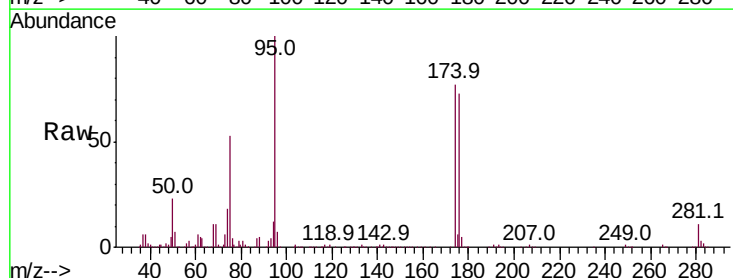
Manual Integrations
 APPROVED

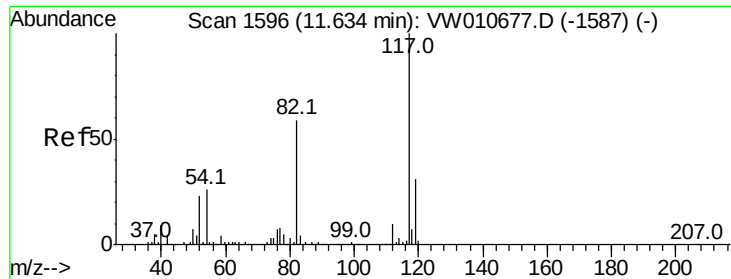
MMDadoda
 6/11/2019 1:02:24 PM



#62
 4-Bromofluorobenzene
 Concen: 46.538 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	150.4
176	71.1	0.0	144.8





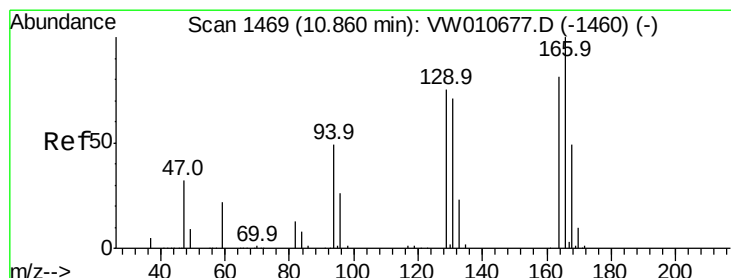
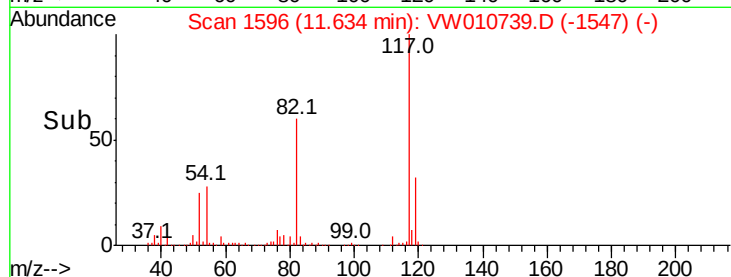
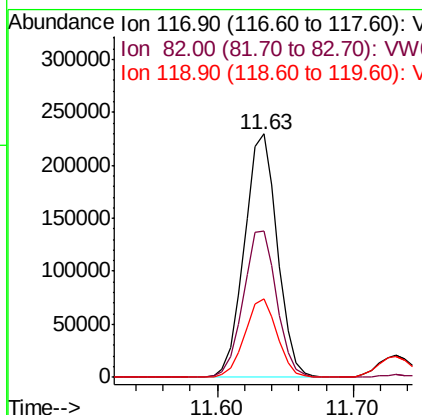
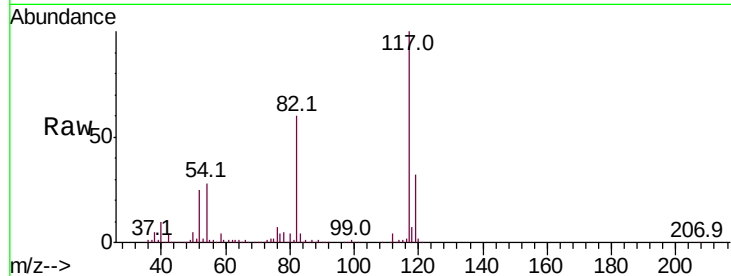
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.0	70.4
119	32.3	25.1	37.7

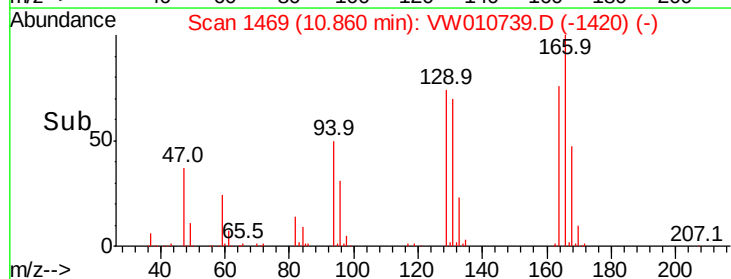
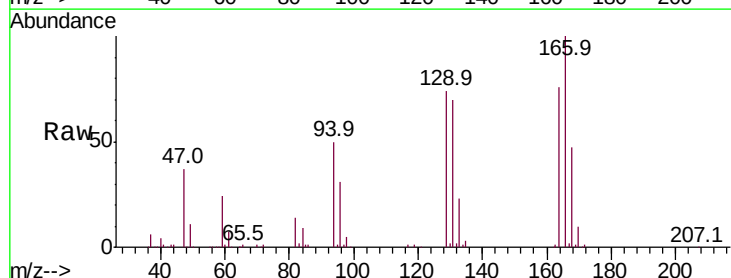
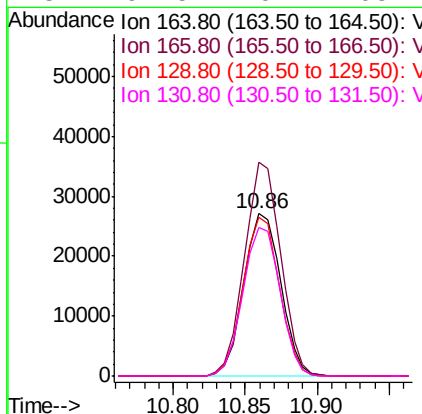
Manual Integrations
APPROVED

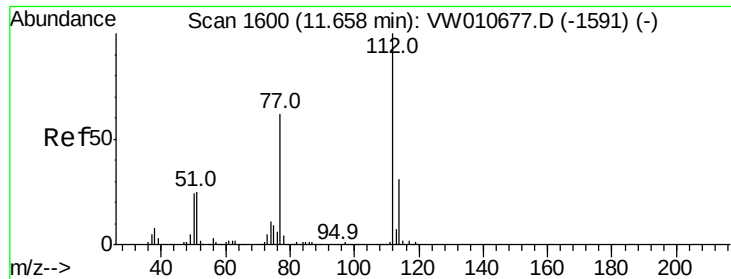
MMDadoda
6/11/2019 1:02:24 PM



#64
Tetrachloroethene
Concen: 18.781 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	99.2	148.8
129	97.8	74.6	112.0
131	91.5	70.2	105.4





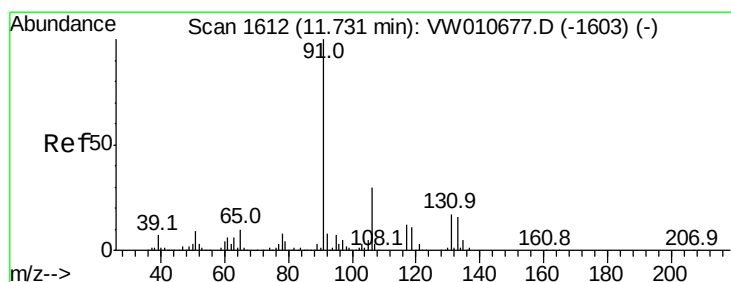
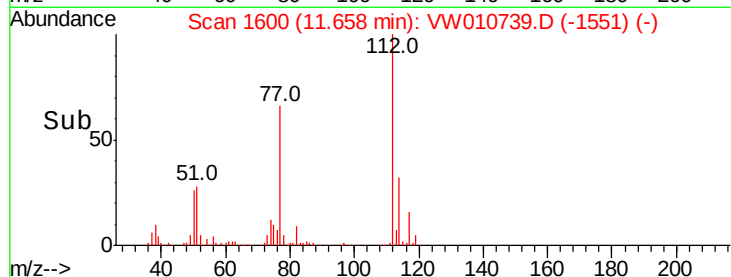
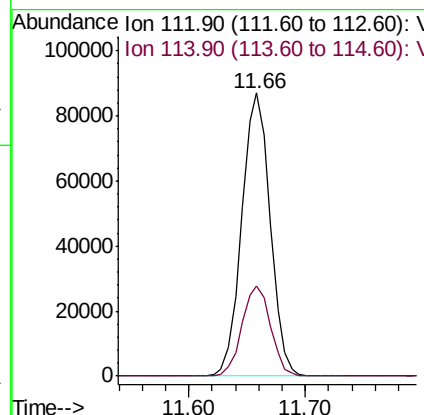
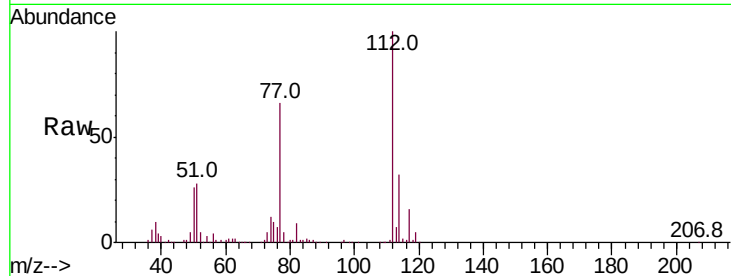
#65
Chlorobenzene
Concen: 19.386 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	24.8	37.2

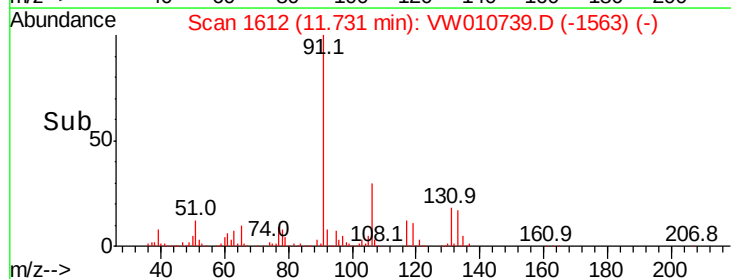
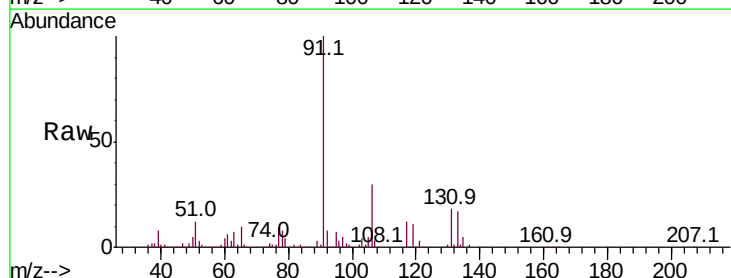
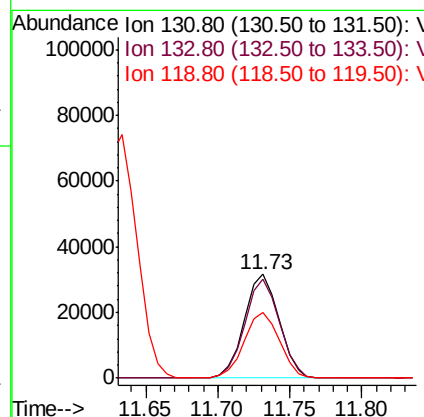
Manual Integrations
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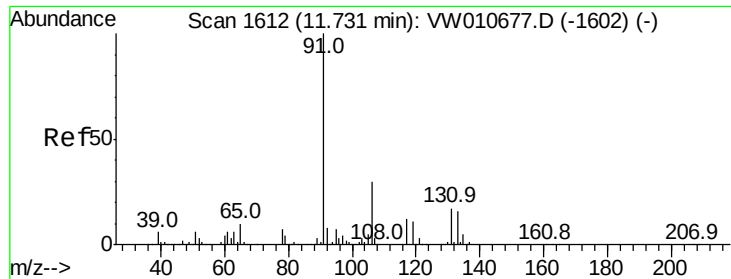
MMDadoda
6/11/2019 1:02:24 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.031 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.3	141.9
119	64.4	32.4	97.0





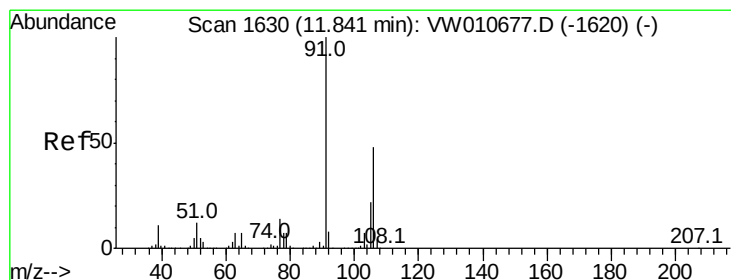
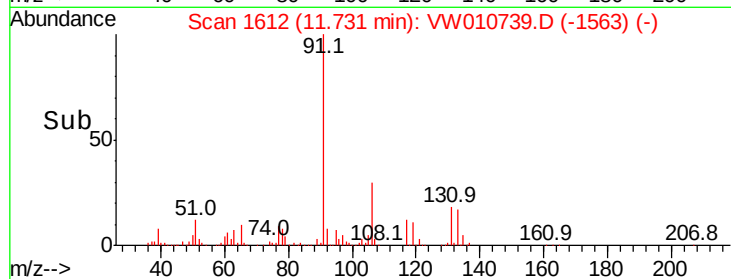
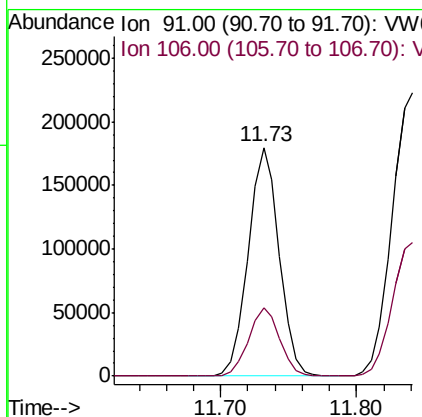
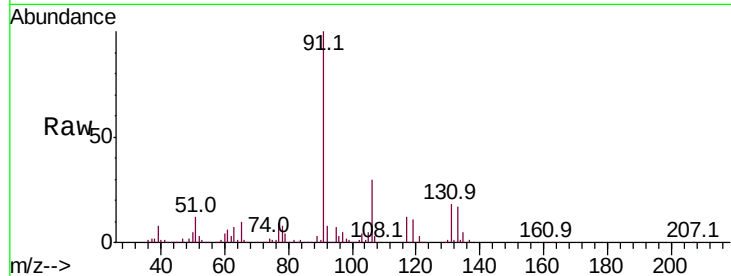
#67
Ethyl Benzene
Concen: 19.473 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion	91	Resp	285340
Ion Ratio	100	Lower	Upper
106	29.8	24.2	36.4

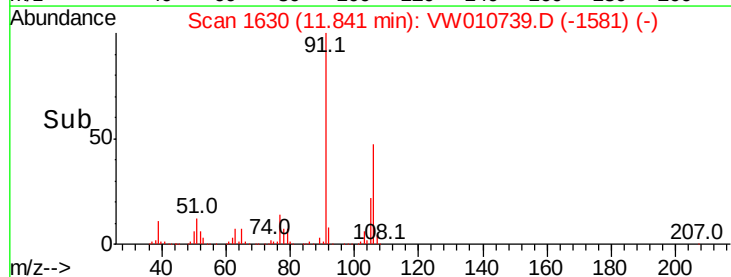
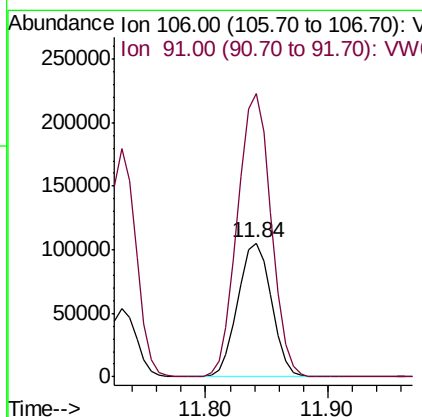
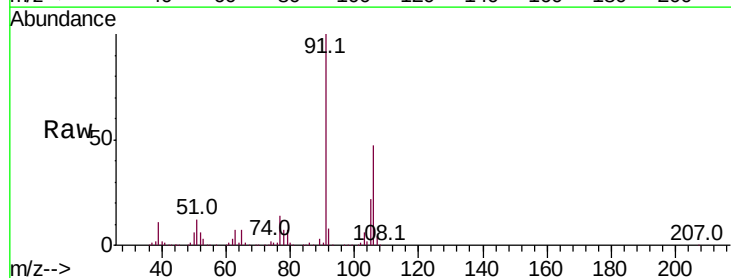
Manual Integrations
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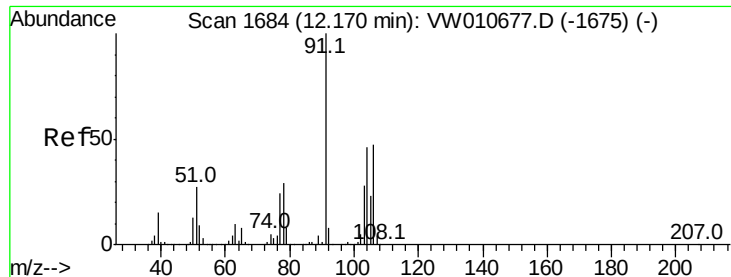
MMDadoda
6/11/2019 1:02:24 PM



#68
m/p-Xylenes
Concen: 38.494 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	106	Resp	201919
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
91	210.8	166.5	249.7





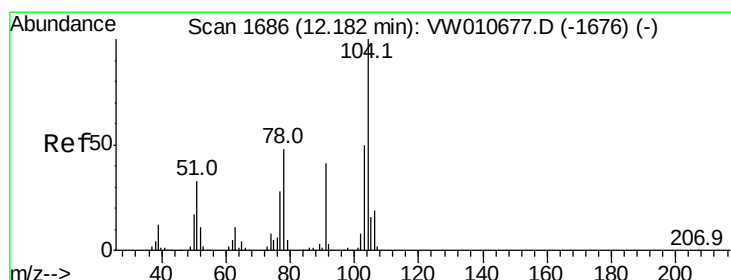
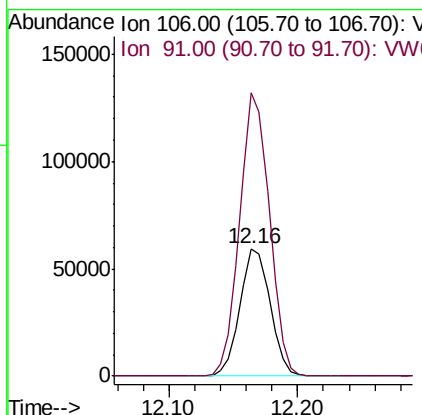
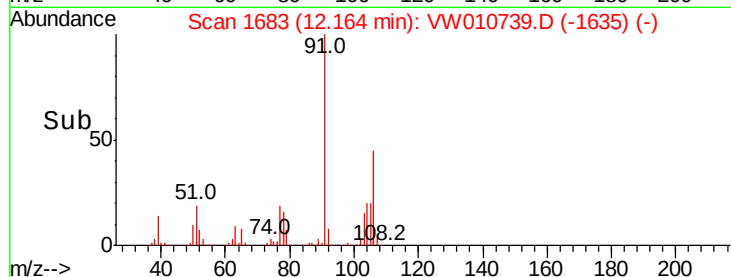
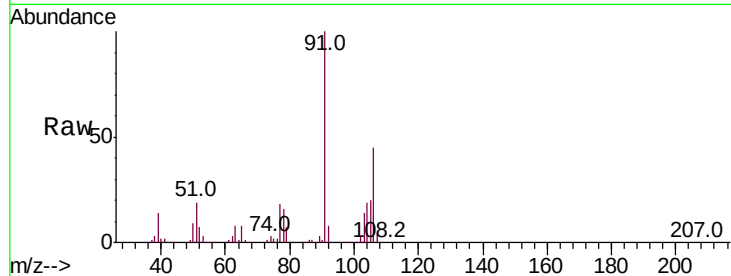
#69
o-Xylene
Concen: 19.388 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion:106 Resp: 96454
Ion Ratio Lower Upper
106 100
91 220.0 108.9 326.6

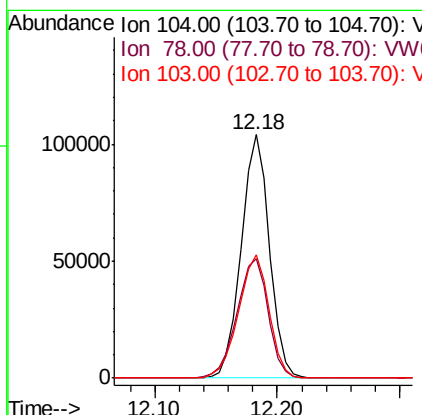
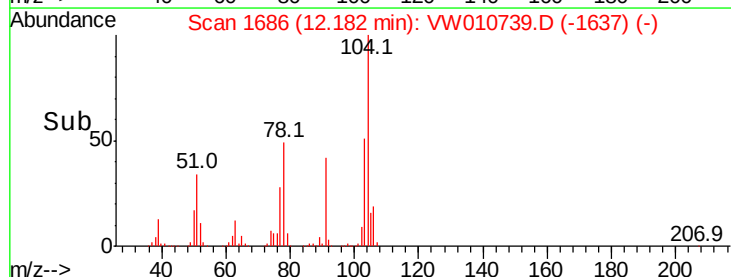
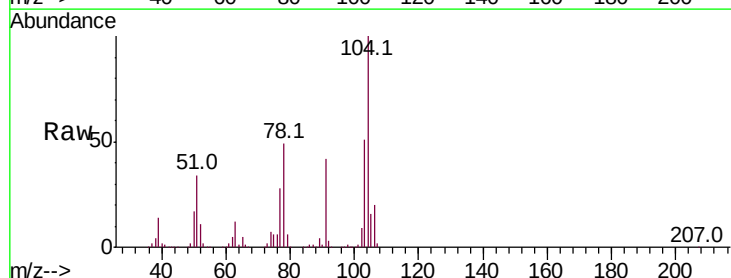
Manual Integrations
APPROVED

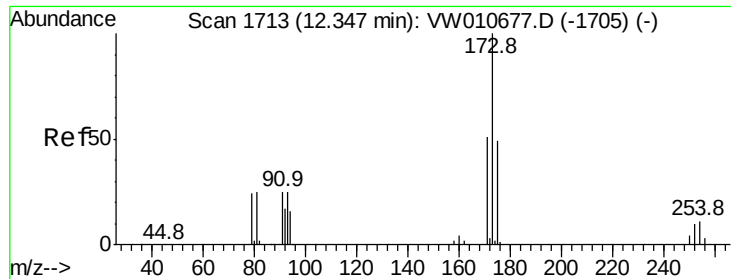
MMDadoda
6/11/2019 1:02:24 PM



#70
Styrene
Concen: 19.225 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion:104 Resp: 166147
Ion Ratio Lower Upper
104 100
78 54.5 42.7 64.1
103 55.0 43.6 65.4





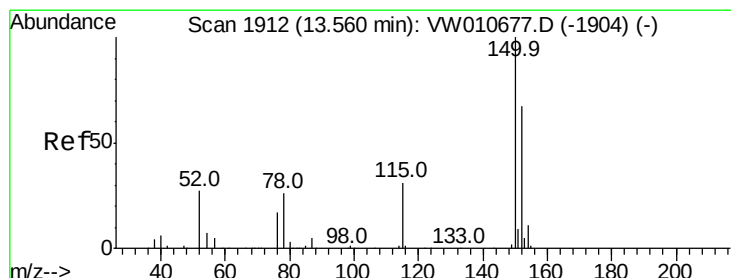
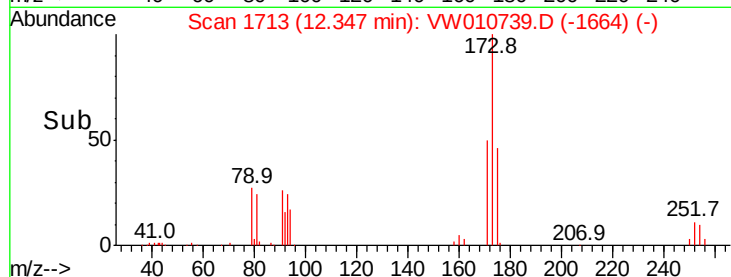
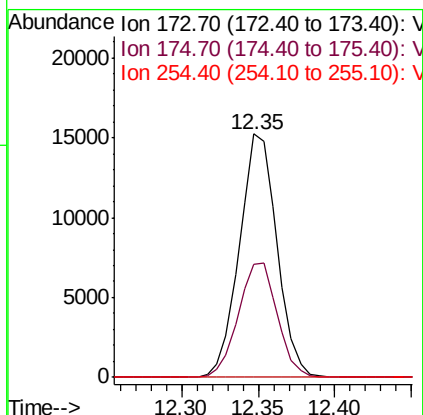
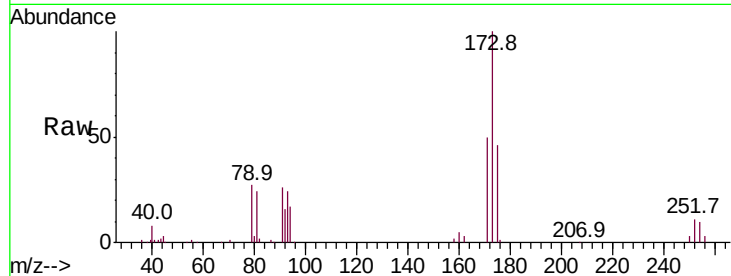
#71
Bromoform
Concen: 19.005 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.3	72.8
254	0.0	0.1	0.1#

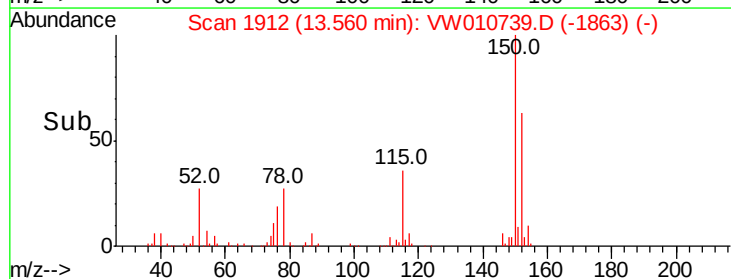
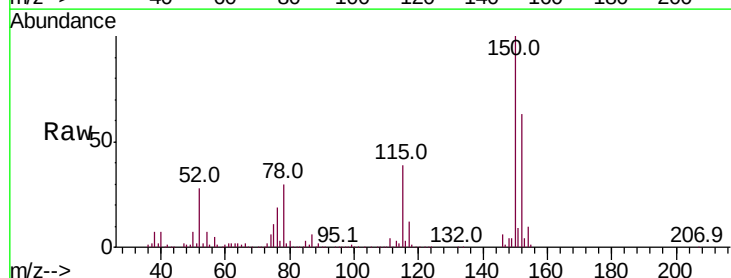
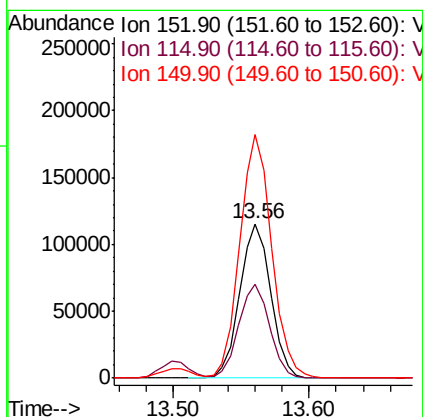
Manual Integrations
APPROVED

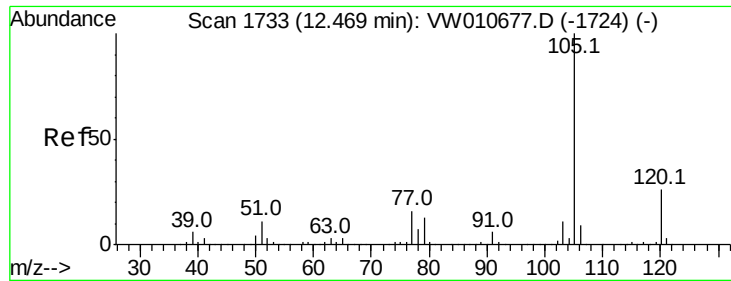
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.8	89.3
150	163.1	0.0	345.0





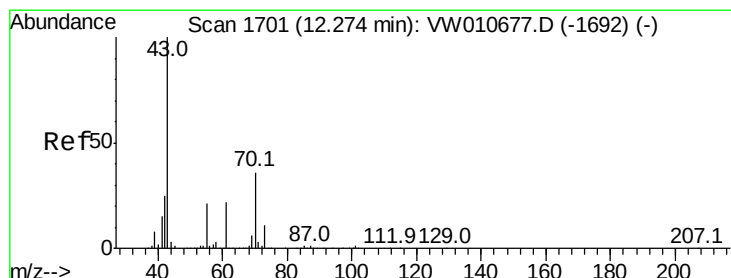
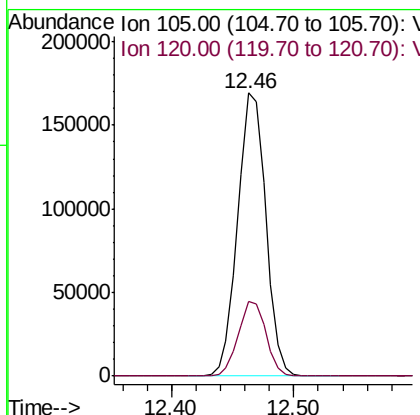
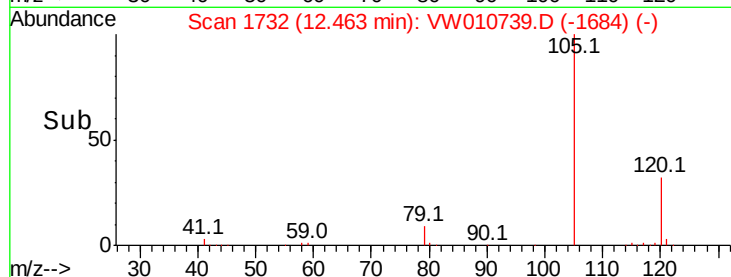
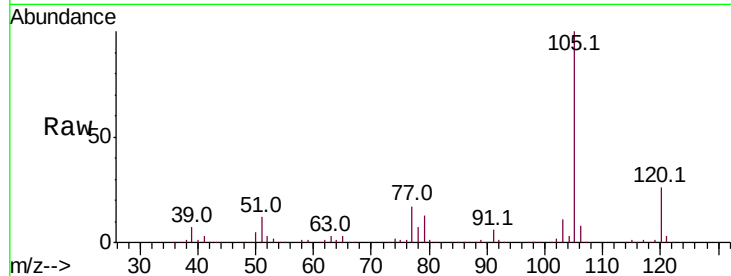
#73
Isopropylbenzene
Concen: 19.647 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.1	39.1

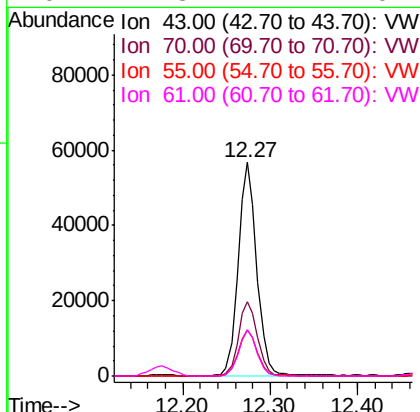
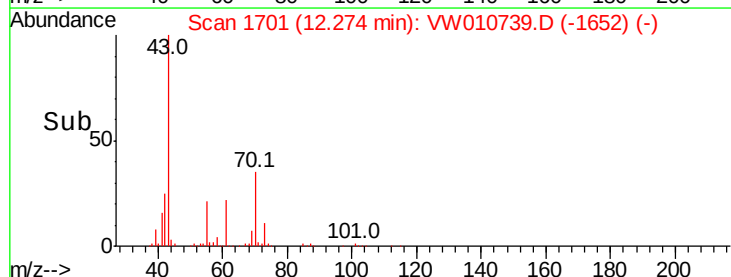
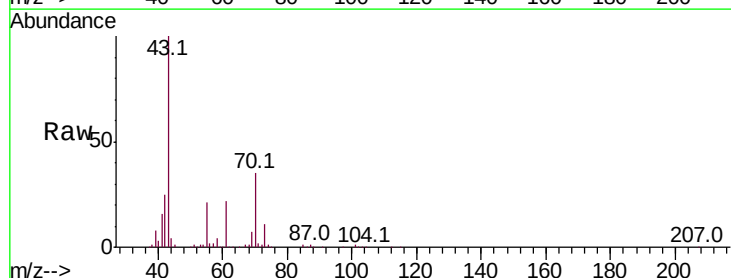
Manual Integrations
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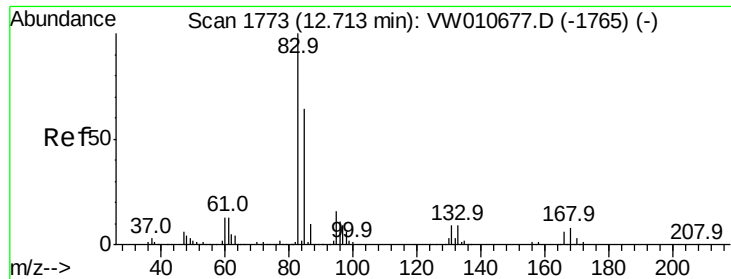
MMDadoda
6/11/2019 1:02:24 PM



#74
N-ethyl acetate
Concen: 18.906 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.7	29.2	43.8
55	22.1	17.5	26.3
61	21.3	17.4	26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.694 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

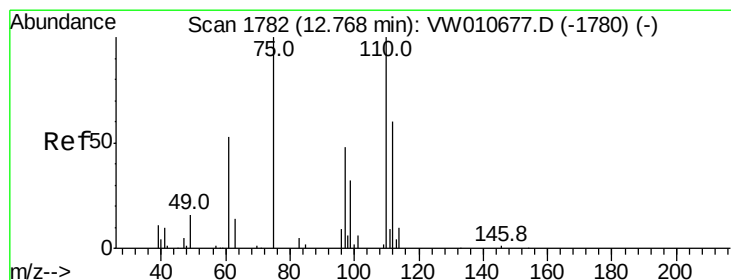
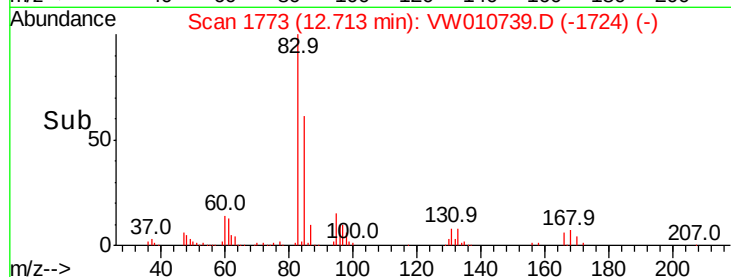
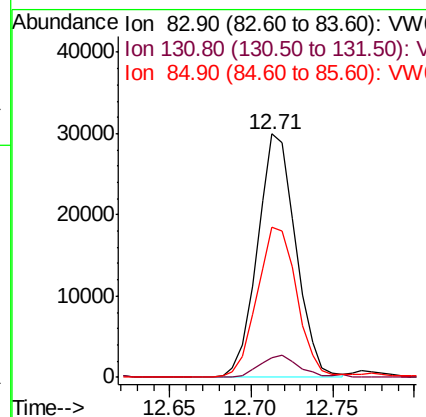
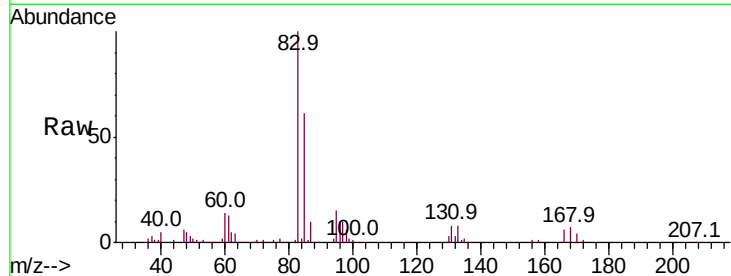
ClientSampleId :

VW0610SBSD01

Tot Ion:	83	Resp:	48801
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	64.2	31.9	95.9

Manual Integrations
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6/11/2019 1:02:24 PM



#76

1,2,3-Trichloropropane

Concen: 18.970 ug/l m

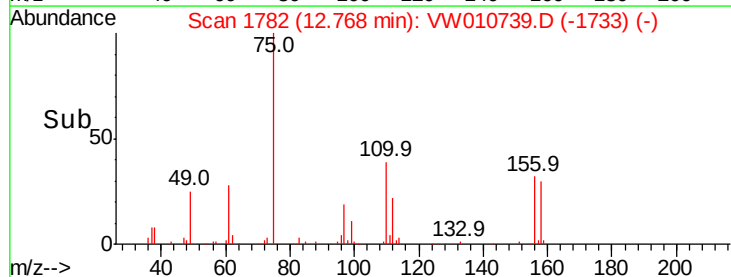
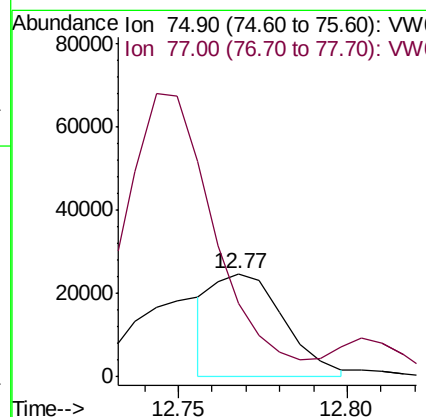
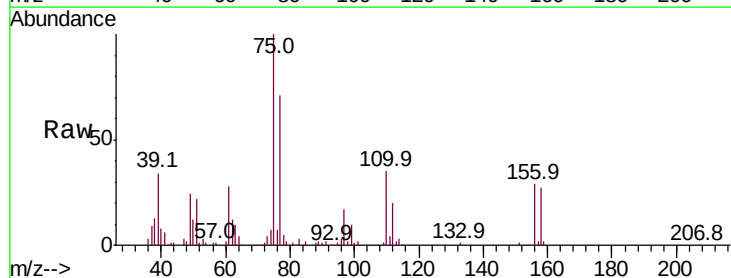
RT: 12.77 min Scan# 1782

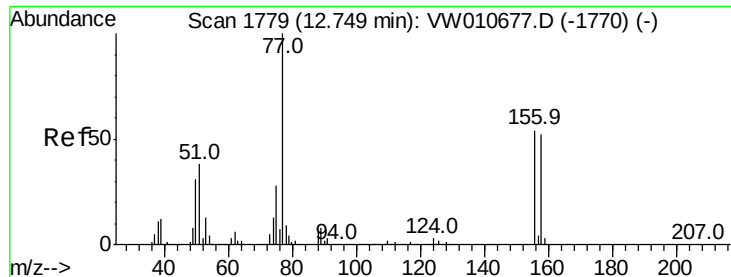
Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion:	75	Resp:	36352
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.836 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tot Ion:156 Resp: 59375

Ion Ratio Lower Upper

156 100

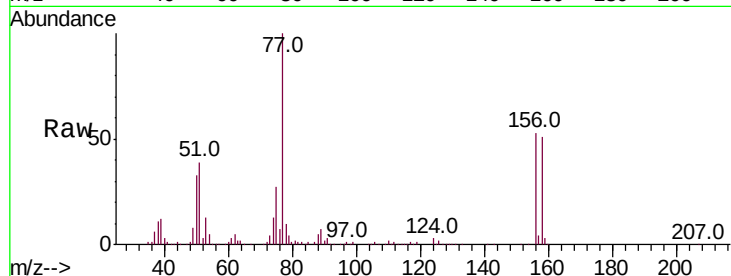
77 213.0 106.5 319.4

158 94.3 48.3 144.9

Manual Integrations
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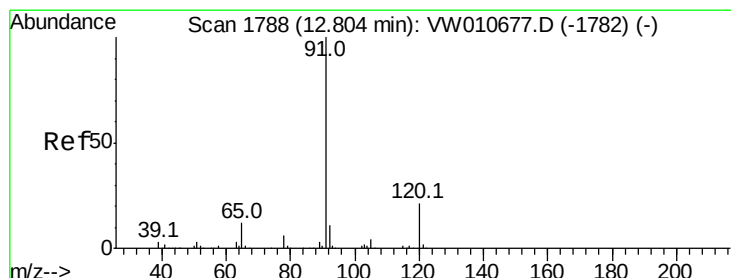
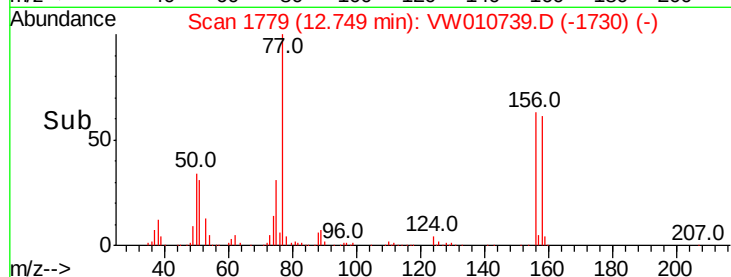
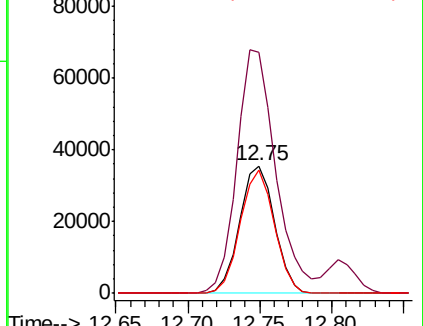
6/11/2019 1:02:24 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.730 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010739.D

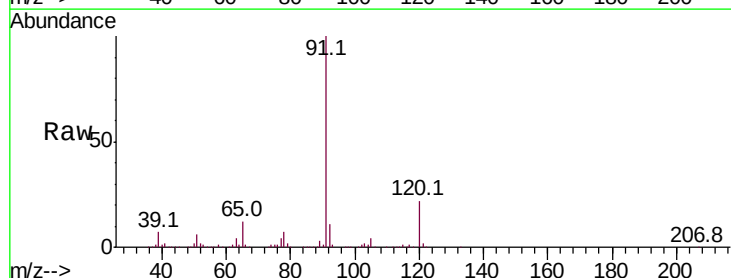
Acq: 10 Jun 2019 12:28

Tgt Ion: 91 Resp: 326238

Ion Ratio Lower Upper

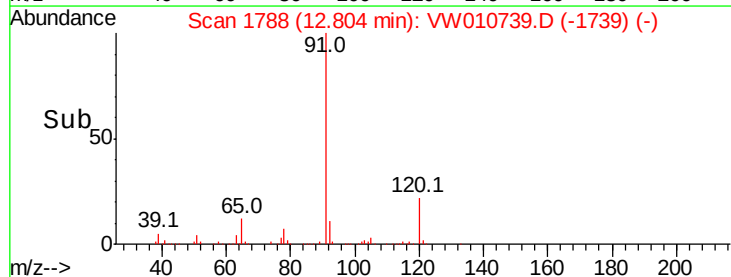
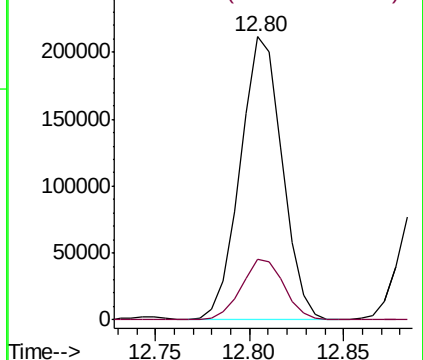
91 100

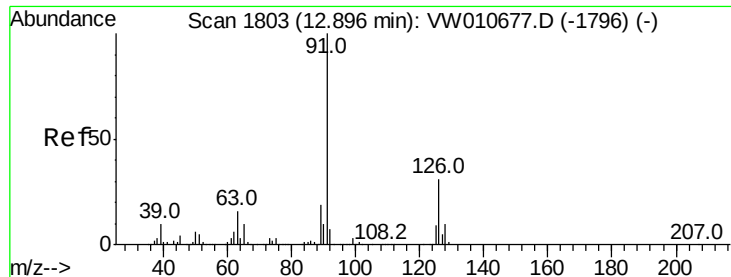
120 21.8 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.870 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tot Ion: 91 Resp: 187708

Ion Ratio Lower Upper

91 100

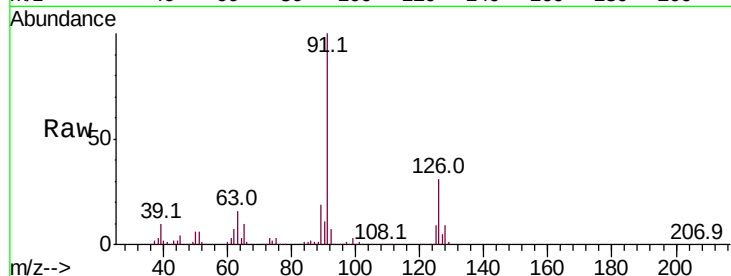
126 30.7 15.7 47.0

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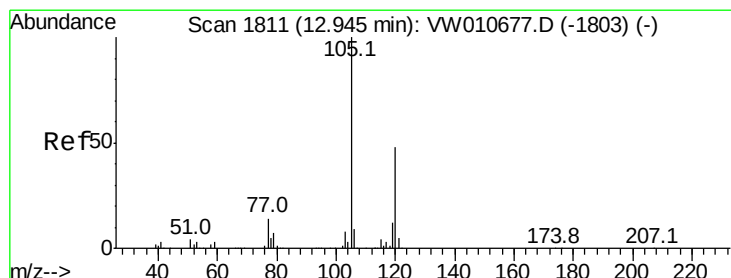
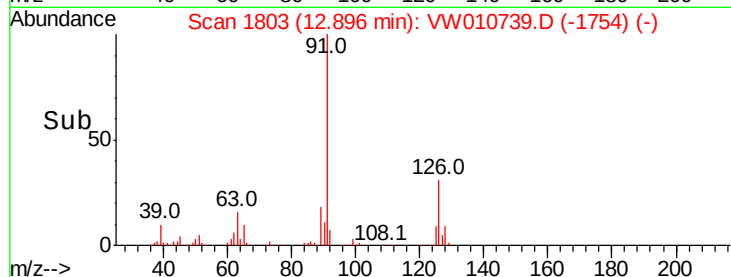
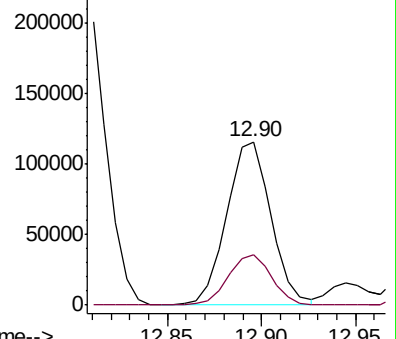
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.518 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010739.D

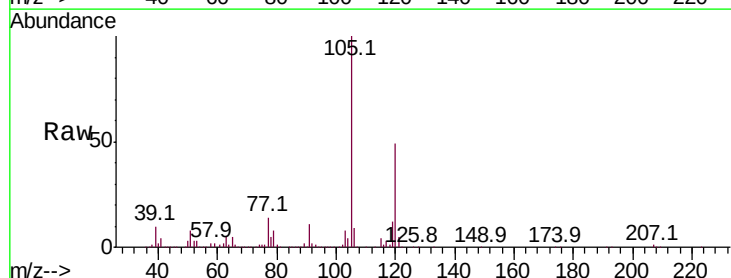
Acq: 10 Jun 2019 12:28

Tgt Ion:105 Resp: 219076

Ion Ratio Lower Upper

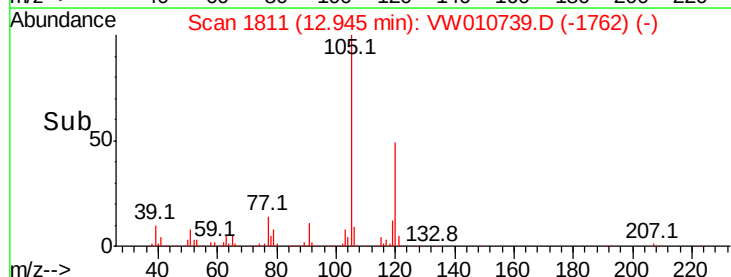
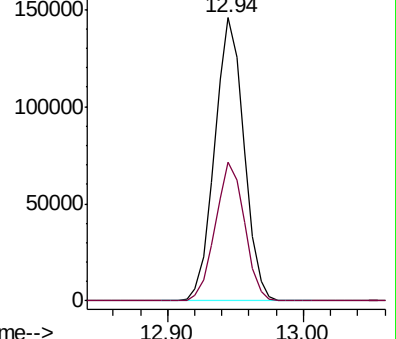
105 100

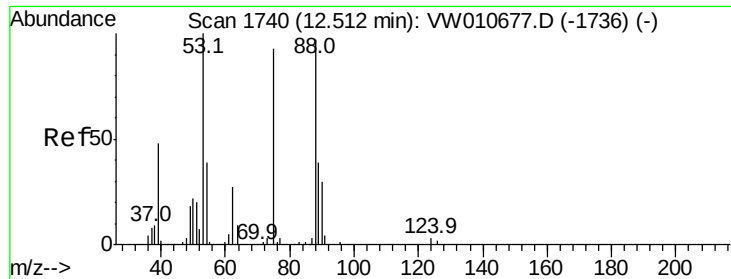
120 48.9 24.3 72.8



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: 19.295 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

ClientSampleId :

VW0610SBSD01

Tot Ion: 75 Resp: 16088

Ion Ratio Lower Upper

75 100

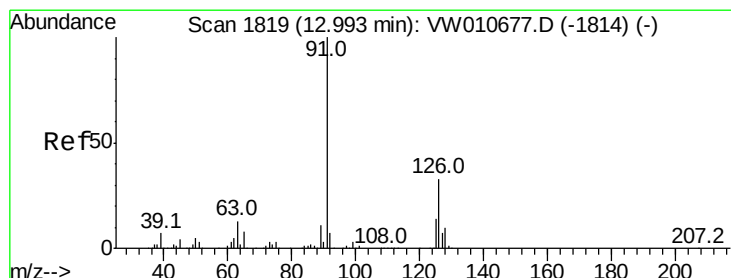
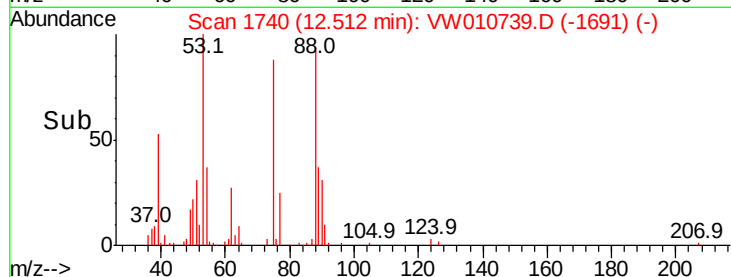
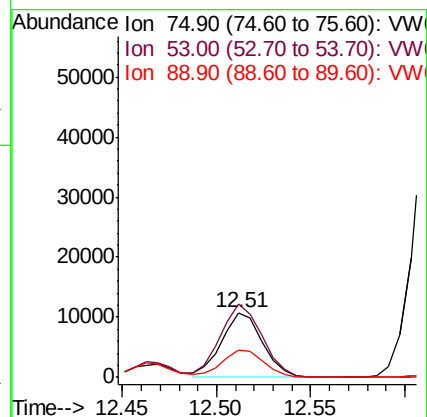
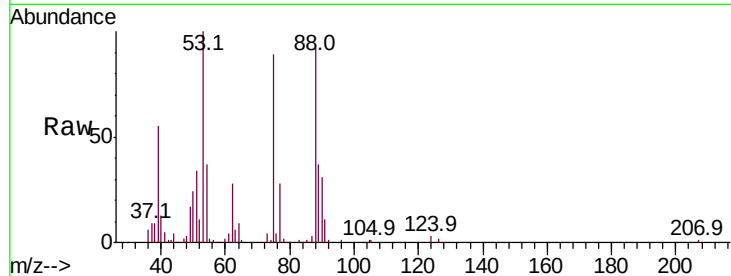
53 115.0 90.1 135.1

89 44.4 34.6 52.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.808 ug/l

RT: 12.99 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VW010739.D

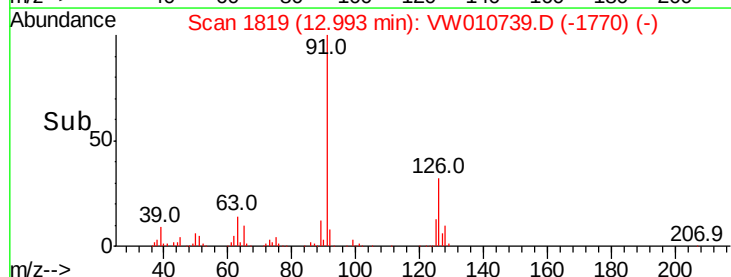
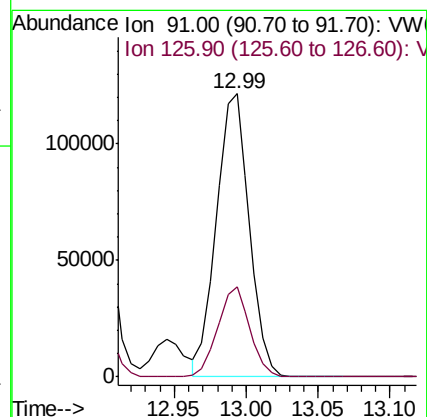
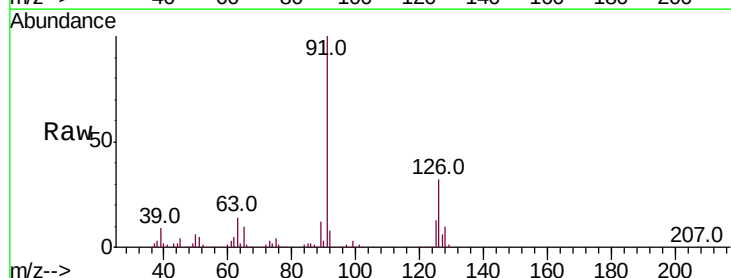
Acq: 10 Jun 2019 12:28

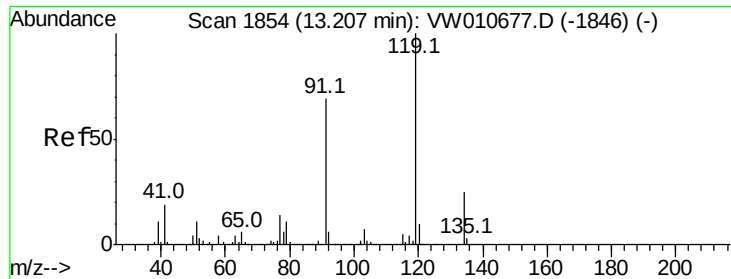
Tgt Ion: 91 Resp: 193100

Ion Ratio Lower Upper

91 100

126 31.3 15.9 47.7





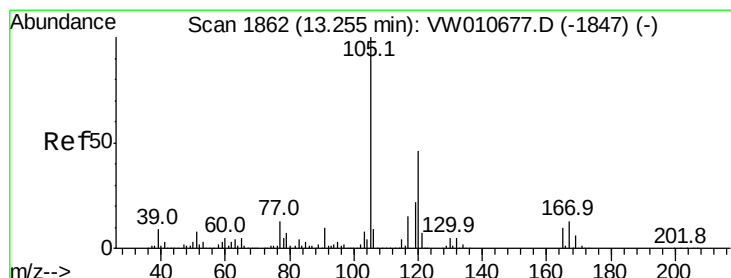
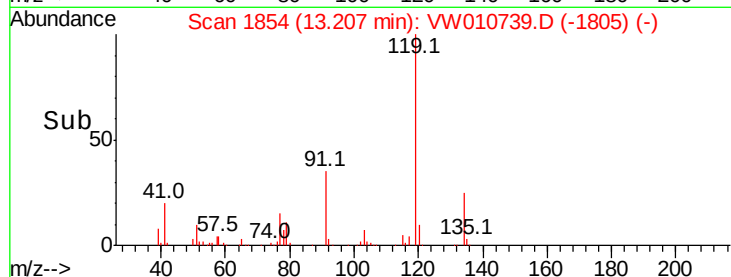
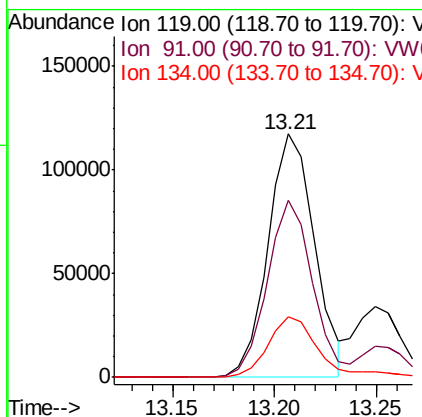
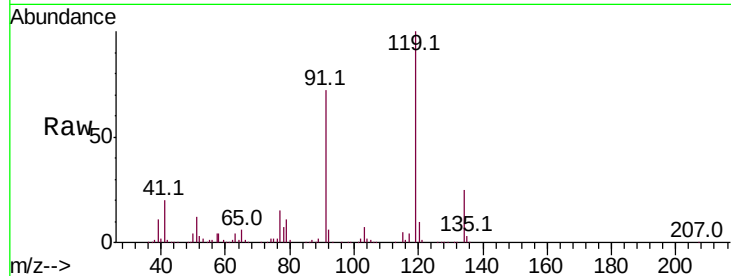
#83
tert-Butylbenzene
Concen: 19.605 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	186755		
91	71.4	35.1	105.3	
134	27.1	13.6	40.7	

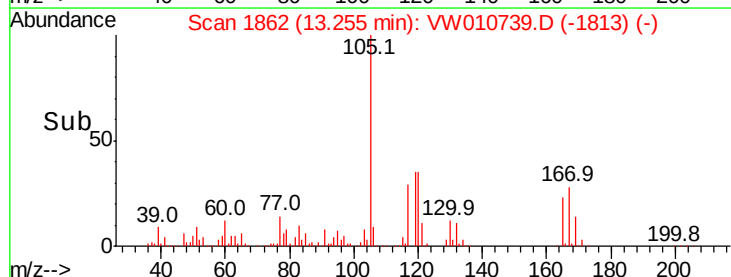
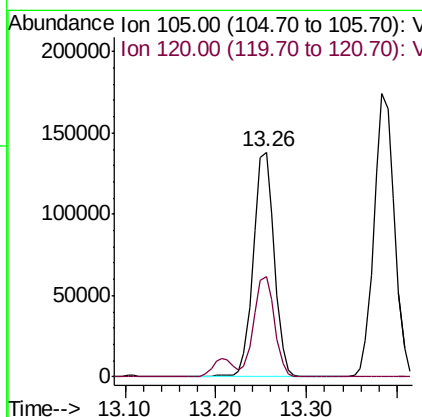
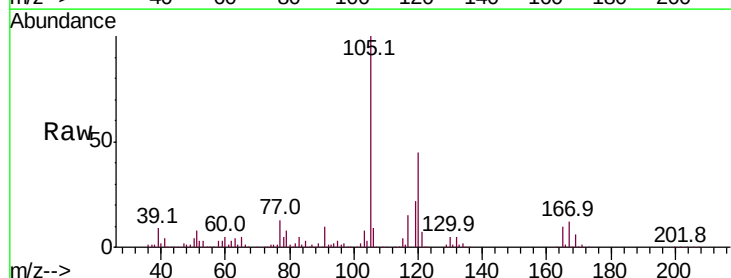
Manual Integrations
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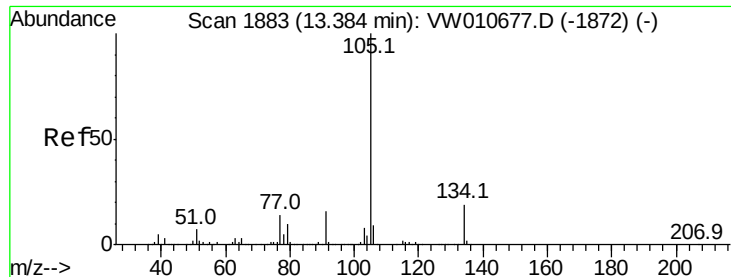
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#84
1,2,4-Trimethylbenzene
Concen: 19.493 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	220175		
120	44.4	22.5	67.5	





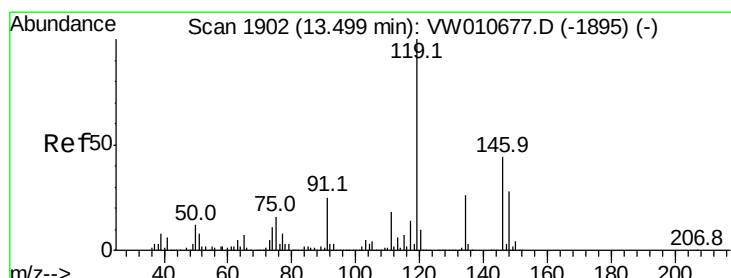
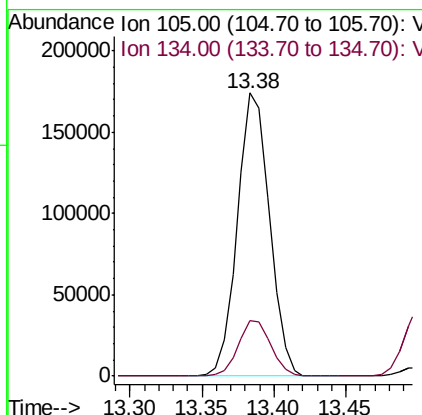
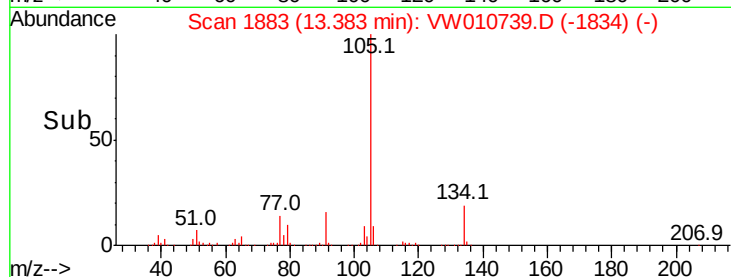
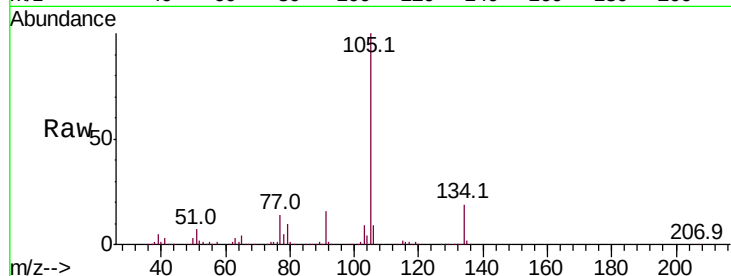
#85
 sec-Butylbenzene
 Concen: 19.520 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.7	28.9

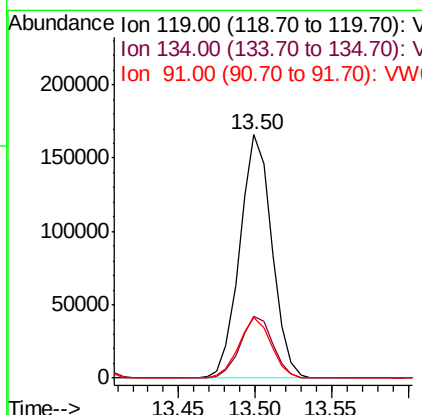
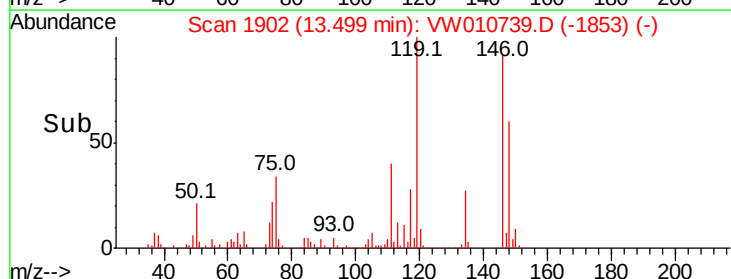
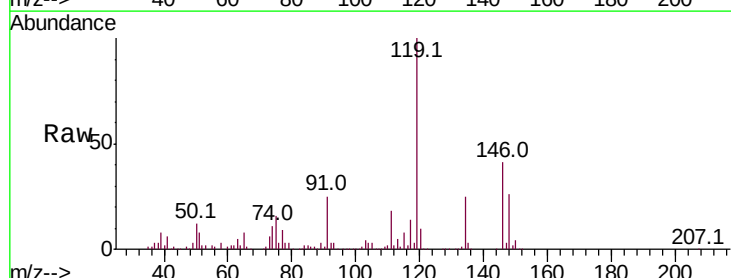
Manual Integrations
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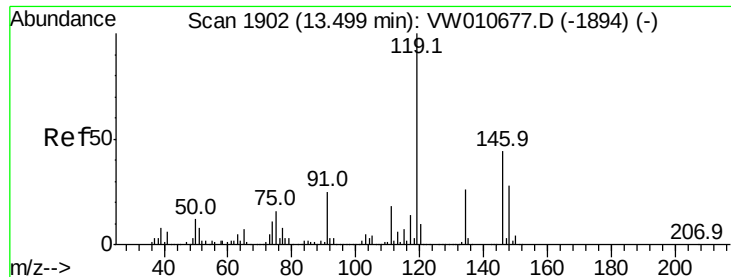
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#86
 p-Isopropyltoluene
 Concen: 19.386 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	39.0
91	24.9	12.2	36.4





#87

1,3-Dichlorobenzene

Concen: 19.523 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

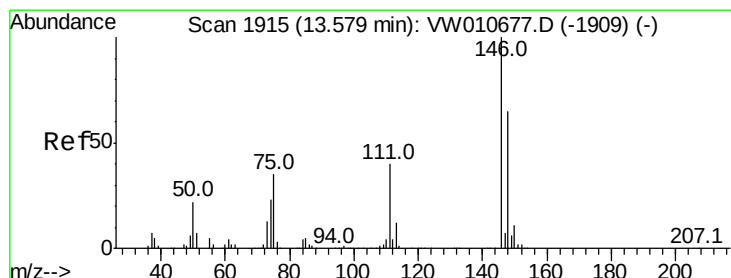
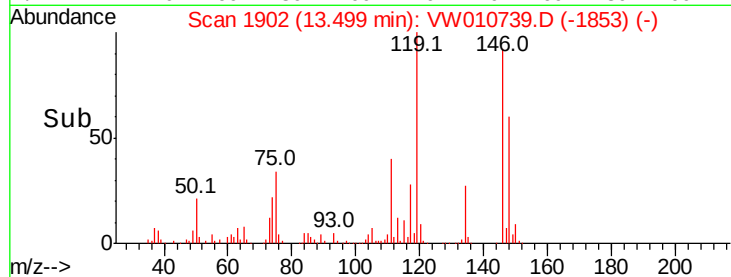
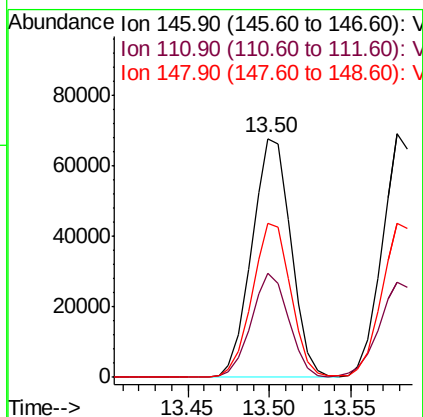
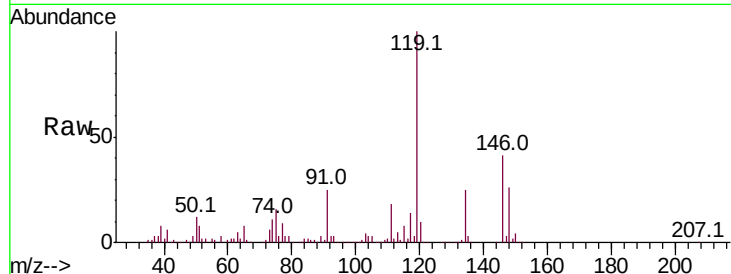
ClientSampleId :

VW0610SBS01

Tot Ion:	146	Resp:	112695
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.4	61.3
148	63.8	31.5	94.5

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#88

1,4-Dichlorobenzene

Concen: 19.468 ug/l

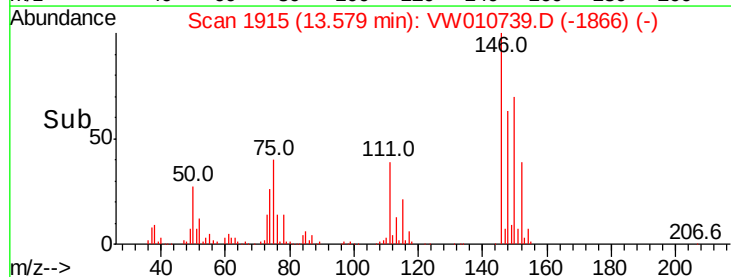
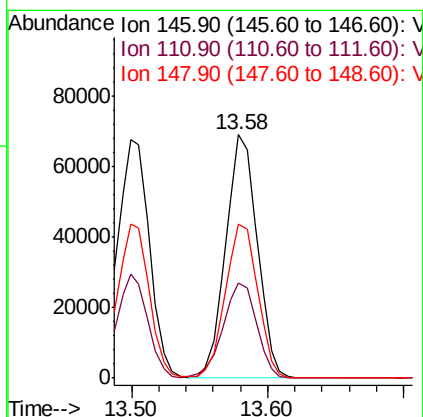
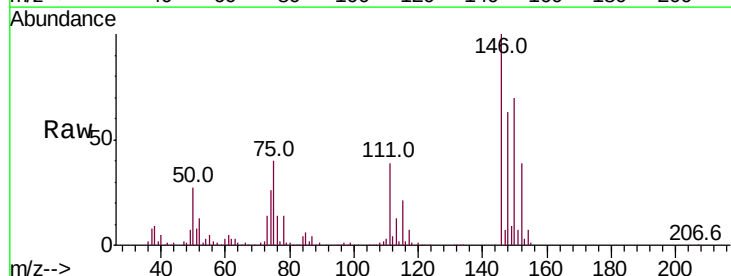
RT: 13.58 min Scan# 1915

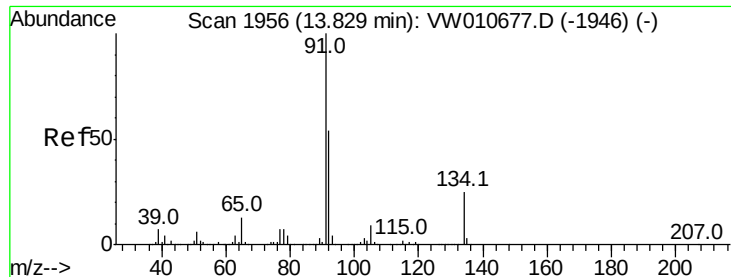
Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion:	146	Resp:	111408
Ion Ratio	Lower	Upper	
146	100		
111	41.8	20.3	60.9
148	65.1	32.4	97.2





#89

n-Butylbenzene

Concen: 19.657 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

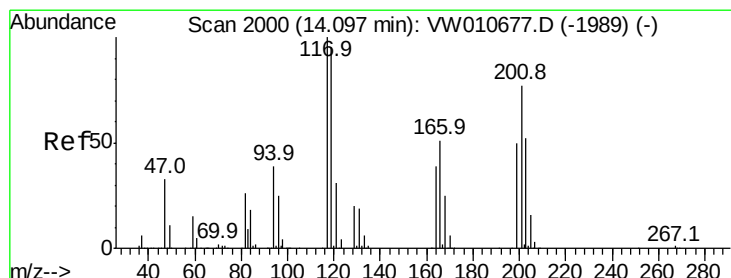
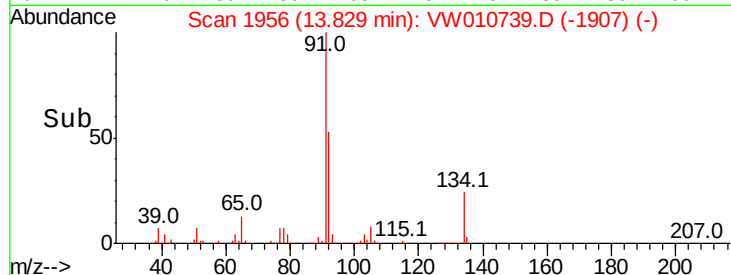
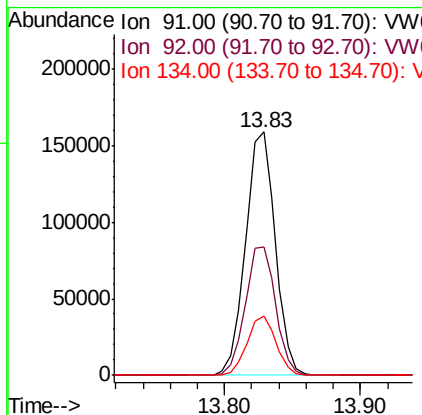
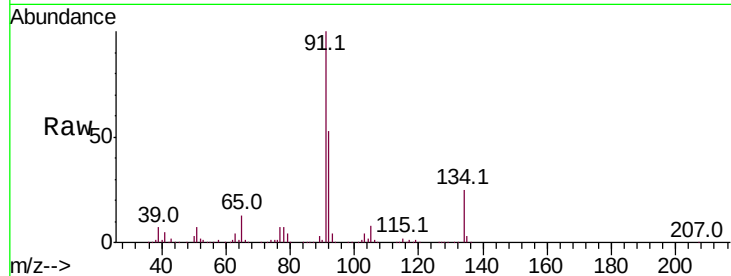
ClientSampleId :

VW0610SBSD01

Tot Ion:	91	Resp:	243247
Ion Ratio	Lower	Upper	
91	100		
92	53.9	27.3	81.8
134	24.0	12.3	36.9

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#90

Hexachloroethane

Concen: 20.615 ug/l

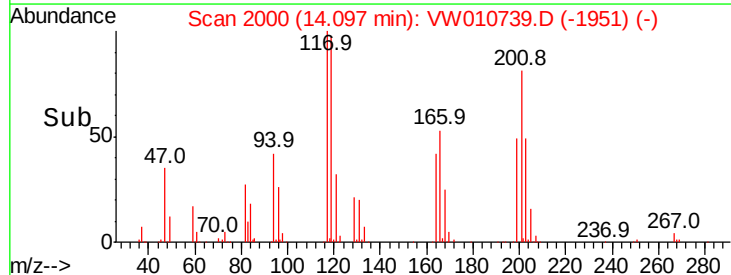
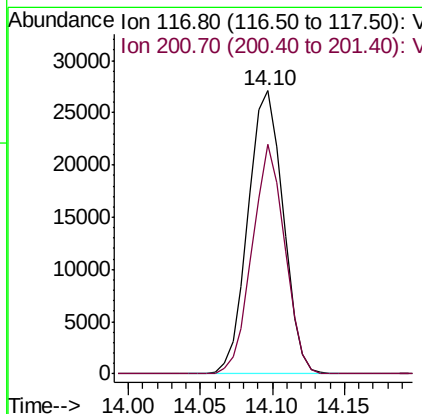
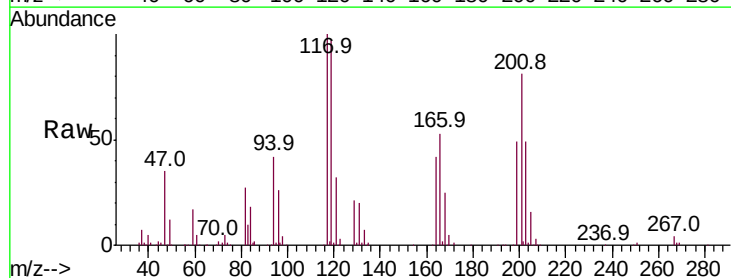
RT: 14.10 min Scan# 2000

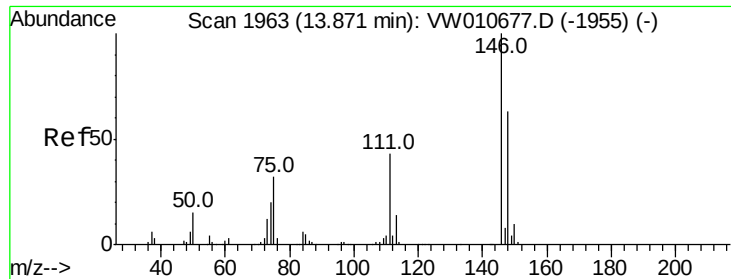
Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion:	117	Resp:	45788
Ion Ratio	Lower	Upper	
117	100		
201	75.1	38.8	116.4





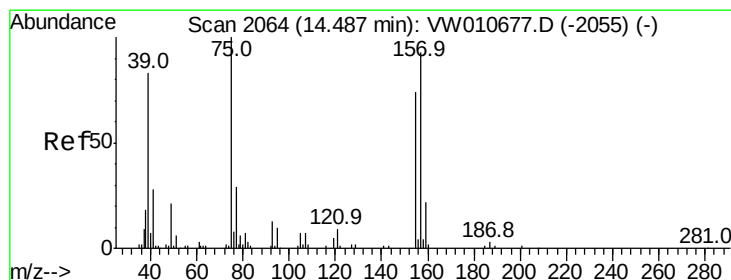
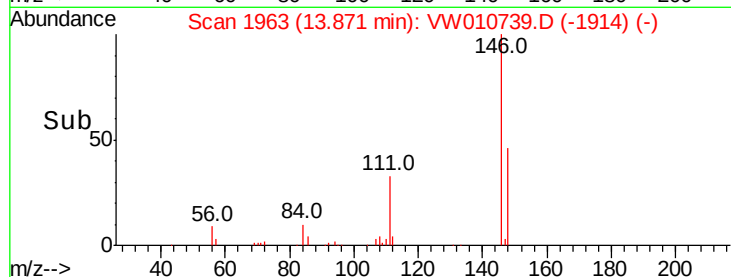
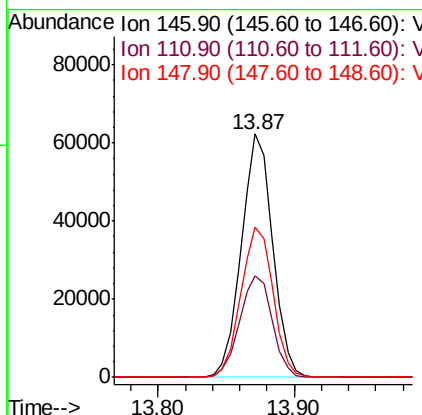
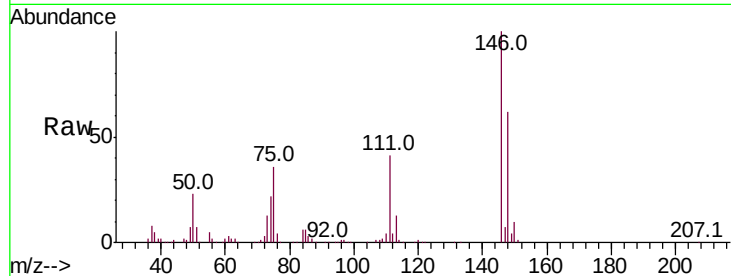
#91
 1,2-Dichlorobenzene
 Concen: 19.284 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0610SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.5	64.5
148	63.6	31.9	95.5

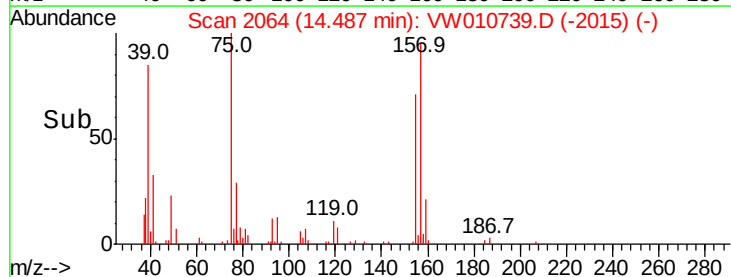
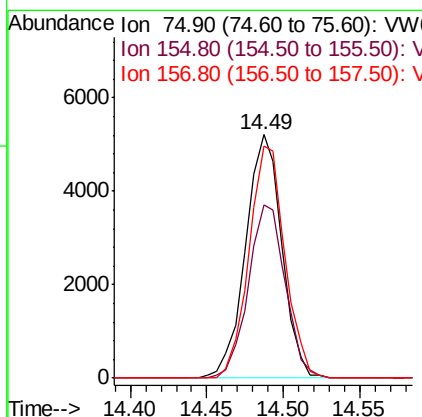
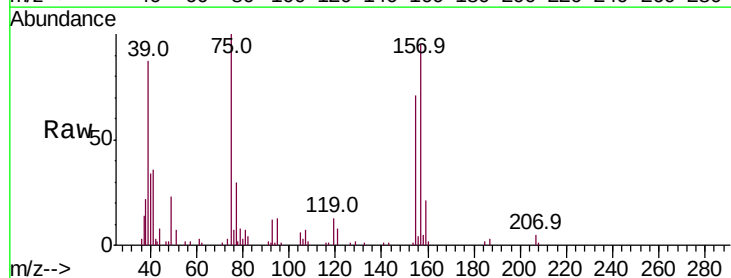
Manual Integrations
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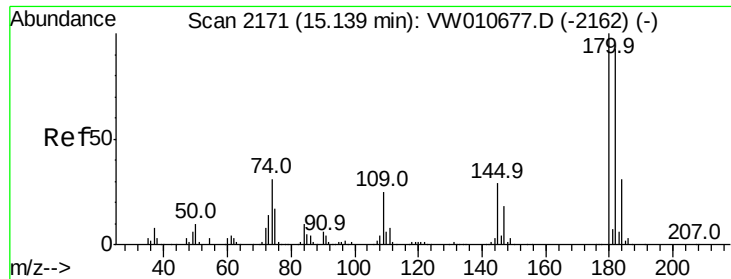
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 6/11/2019 1:02:24 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.126 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010739.D
 Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.4	38.8	116.4
157	93.9	48.4	145.0





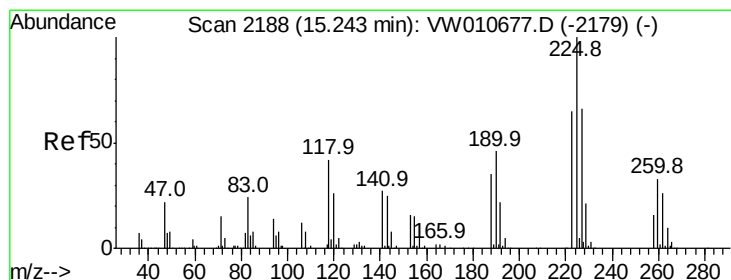
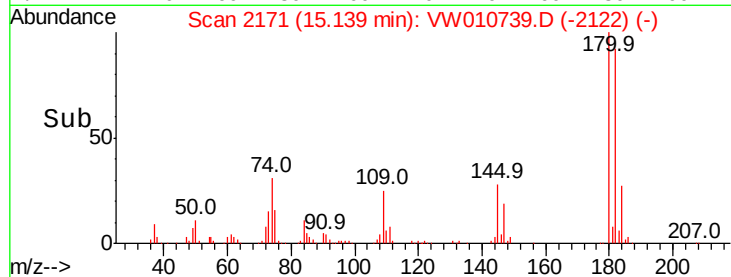
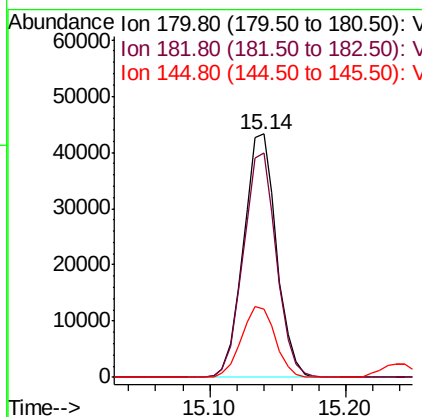
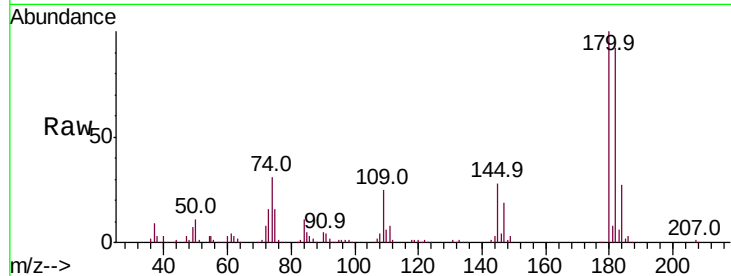
#93
1,2,4-Trichlorobenzene
Concen: 20.131 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Instrument :
MSVOA_W
ClientSampleId :
VW0610SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	92.4	47.1	141.4	
145	29.8	15.2	45.5	

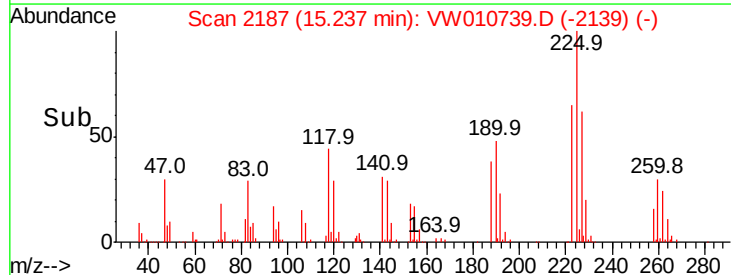
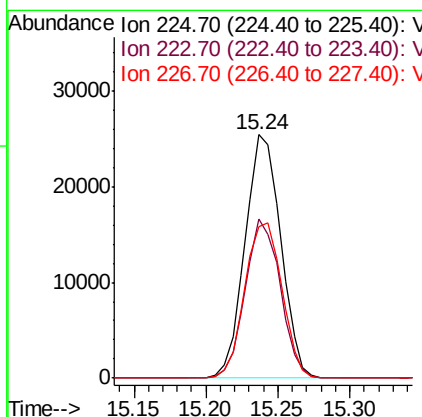
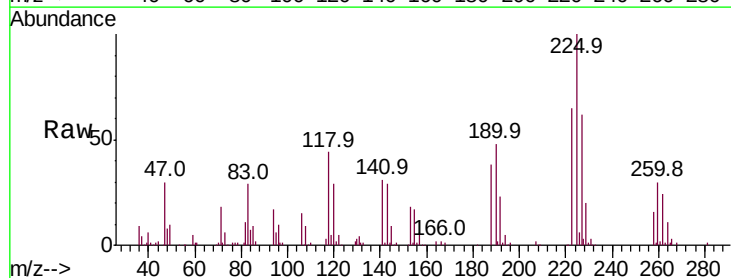
Manual Integrations
APPROVED

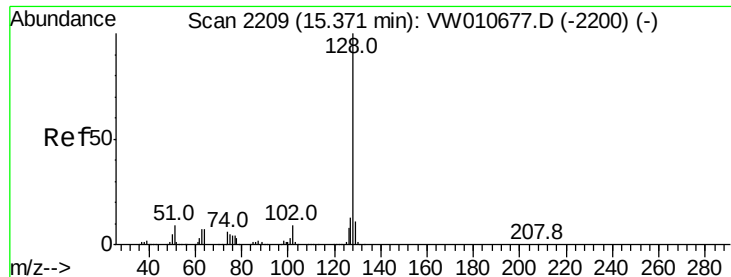
MMDadoda
6/11/2019 1:02:24 PM



#94
Hexachlorobutadiene
Concen: 19.116 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.01 min
Lab File: VW010739.D
Acq: 10 Jun 2019 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.8	32.2	96.6	
227	66.1	32.0	96.0	





#95

Naphthalene

Concen: 18.707 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Instrument :

MSVOA_W

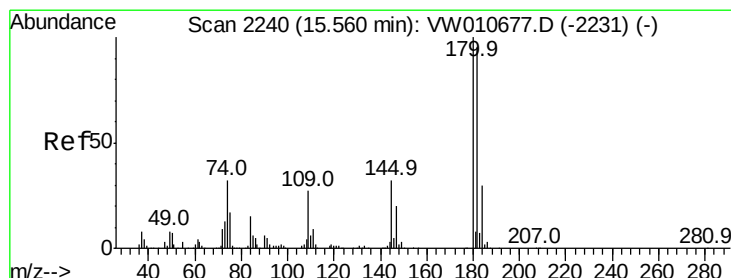
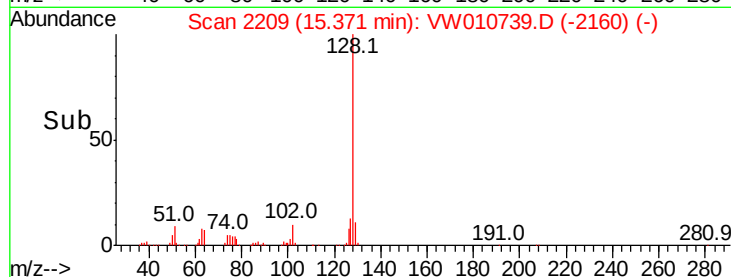
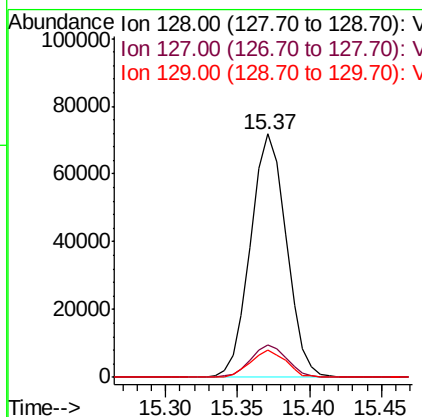
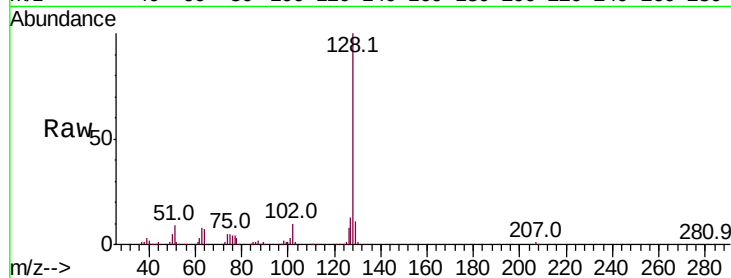
ClientSampleId :

VW0610SBSD01

Tot Ion:	128	Resp:	123817
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.6	15.8
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/11/2019 1:02:24 PM



#96

1,2,3-Trichlorobenzene

Concen: 19.858 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. -0.00 min

Lab File: VW010739.D

Acq: 10 Jun 2019 12:28

Tgt Ion:	180	Resp:	61522
Ion Ratio	Lower	Upper	
180	100		
182	96.3	47.0	141.0
145	32.4	16.1	48.3

