

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060319\
 Data File : VW010654.D
 Acq On : 03 Jun 2019 12:48
 Operator : SY/VA
 Sample : VW0603SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0603SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/4/2019 12:12:47 PM

Quant Time: Jun 04 07:52:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	292204	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	263504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	133797	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	81743	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
35) Dibromofluoromethane	7.88	113	87565	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.32	98	328692	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
62) 4-Bromofluorobenzene	12.62	95	128367	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	25559	15.629	ug/l	95
3) Chloromethane	2.21	50	28280	14.843	ug/l	99
4) Vinyl Chloride	2.35	62	33510	15.184	ug/l	99
5) Bromomethane	2.75	94	25123	16.547	ug/l	93
6) Chloroethane	2.90	64	24475	17.276	ug/l	99
7) Trichlorofluoromethane	3.25	101	64401	19.766	ug/l	97
8) Diethyl Ether	3.68	74	19507	18.887	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40413	20.140	ug/l	94
10) Methyl Iodide	4.27	142	34756	15.154	ug/l	97
11) Tert butyl alcohol	5.15	59	17501	103.950	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	37555	19.607	ug/l	93
13) Acrolein	3.90	56	6769	51.263	ug/l	95
14) Allyl chloride	4.67	41	51413	18.544	ug/l	99
15) Acrylonitrile	5.37	53	37481	86.651	ug/l	97
16) Acetone	4.12	43	33880	88.677	ug/l	98
17) Carbon Disulfide	4.37	76	92895	16.260	ug/l	100
18) Methyl Acetate	4.67	43	17271	18.483	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	90672	18.569	ug/l	96
20) Methylene Chloride	4.92	84	42132	15.272	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	42487	19.338	ug/l	97
22) Diisopropyl ether	6.31	45	107265	18.868	ug/l	96
23) Vinyl Acetate	6.25	43	294675	86.773	ug/l	99
24) 1,1-Dichloroethane	6.21	63	68091	20.071	ug/l	99
25) 2-Butanone	7.17	43	49111	89.821	ug/l	95
26) 2,2-Dichloropropane	7.17	77	68731	21.268	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49515	20.730	ug/l	99
28) Bromochloromethane	7.51	49	23489	19.338	ug/l	92
29) Tetrahydrofuran	7.53	42	29745	80.396	ug/l	97
30) Chloroform	7.68	83	74860	20.457	ug/l	98
31) Cyclohexane	7.95	56	64931	18.271	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	70312	20.103	ug/l	97
36) 1,1-Dichloropropene	8.08	75	57185	21.008	ug/l	98
37) Ethyl Acetate	7.25	43	20759	17.934	ug/l	97
38) Carbon Tetrachloride	8.07	117	64133	21.841	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73416	20.131	ug/l	99
40) Benzene	8.32	78	162562	21.487	ug/l	100
41) Methacrylonitrile	7.49	41	12161	17.682	ug/l	95
42) 1,2-Dichloroethane	8.40	62	44934	20.780	ug/l	99
43) Isopropyl Acetate	8.43	43	42261	18.275	ug/l	98
44) Trichloroethene	9.09	130	50315	22.401	ug/l	98
45) 1,2-Dichloropropane	9.37	63	38040	21.170	ug/l	99
46) Dibromomethane	9.46	93	22285	21.207	ug/l	97
47) Bromodichloromethane	9.65	83	54431	20.612	ug/l	100
48) Methyl methacrylate	9.44	41	18419	17.410	ug/l	95
49) 1,4-Dioxane	9.45	88	6402	372.947	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	104255	88.970	ug/l	98
52) Toluene	10.39	92	112020	22.047	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	53484	19.998	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	64001	20.954	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	31768	21.023	ug/l	97
56) Ethyl methacrylate	10.65	69	38205	18.332	ug/l	99
57) 1,3-Dichloropropane	10.93	76	52420	20.709	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	87415	94.698	ug/l	97
59) 2-Hexanone	10.97	43	74623	89.273	ug/l	98
60) Dibromochloromethane	11.13	129	40420	21.135	ug/l	97
61) 1,2-Dibromoethane	11.24	107	31471	20.559	ug/l	97
64) Tetrachloroethene	10.86	164	41974	22.851	ug/l	96
65) Chlorobenzene	11.66	112	124894	22.239	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	45161	22.449	ug/l	98
67) Ethyl Benzene	11.73	91	216521	21.838	ug/l	99
68) m/p-Xylenes	11.84	106	169823	43.667	ug/l	100
69) o-Xylene	12.16	106	80744	21.914	ug/l	98
70) Styrene	12.18	104	135855	21.731	ug/l	99
71) Bromoform	12.35	173	21684	19.573	ug/l #	97
73) Isopropylbenzene	12.47	105	222177	20.926	ug/l	100
74) N-amyl acetate	12.27	43	39687	16.312	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	34796	18.018	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	19712m	14.514	ug/l	
77) Bromobenzene	12.75	156	52783	22.216	ug/l	92
78) n-propylbenzene	12.80	91	252137	20.378	ug/l	98
79) 2-Chlorotoluene	12.90	91	146932	20.477	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	186660	20.758	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10356	15.914	ug/l	97
82) 4-Chlorotoluene	12.99	91	151950	20.402	ug/l	97
83) tert-Butylbenzene	13.21	119	169256	21.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	188906	21.093	ug/l	99
85) sec-Butylbenzene	13.39	105	230902	21.006	ug/l	100
86) p-Isopropyltoluene	13.50	119	213428	21.451	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102767	22.046	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	103954	22.227	ug/l	99
89) n-Butylbenzene	13.83	91	191521	20.238	ug/l	99
90) Hexachloroethane	14.10	117	38622	20.055	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	92076	21.679	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6072	16.910	ug/l	99

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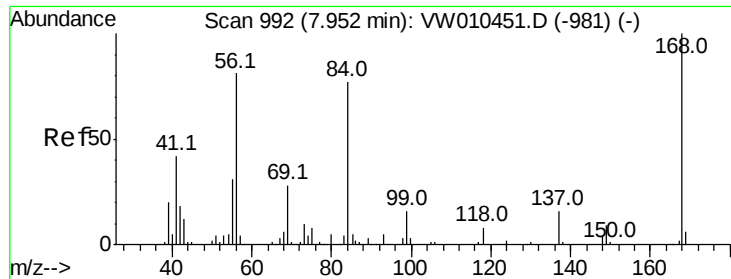
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	63483	21.968	ug/l	99
94) Hexachlorobutadiene	15.24	225	36630	23.727	ug/l	99
95) Naphthalene	15.37	128	108808	17.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	52885	21.268	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0603SBS01

Tot Ion:168 Resp: 181339

Ion Ratio Lower Upper

168 100

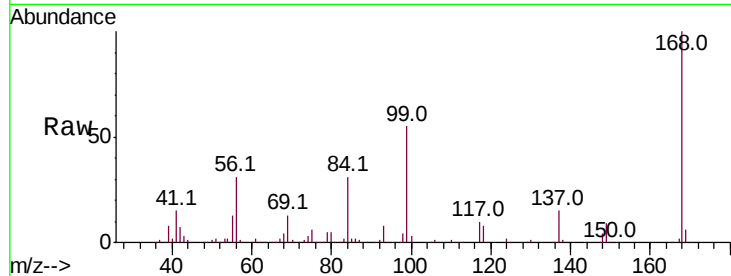
99 54.8 46.1 69.1

Manual Integrations

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6/4/2019 12:12:47 PM



Abundance Ion 167.90 (167.60 to 168.60): VW010451.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW010451.D (-981) (-)

7.95

80000

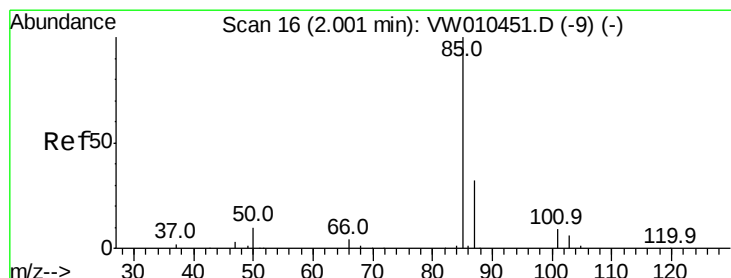
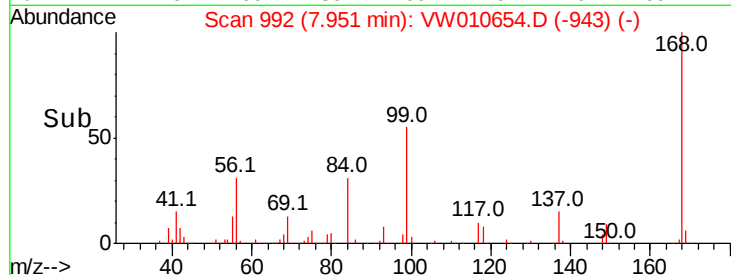
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 15.629 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW010654.D

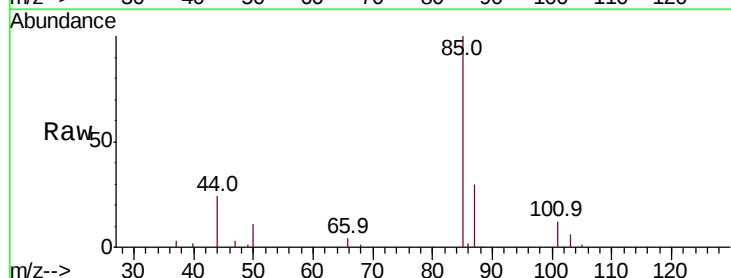
Acq: 03 Jun 2019 12:48

Tgt Ion: 85 Resp: 25559

Ion Ratio Lower Upper

85 100

87 29.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW010451.D (-9) (-)

Ion 86.90 (86.60 to 87.60): VW010451.D (-9) (-)

2.00

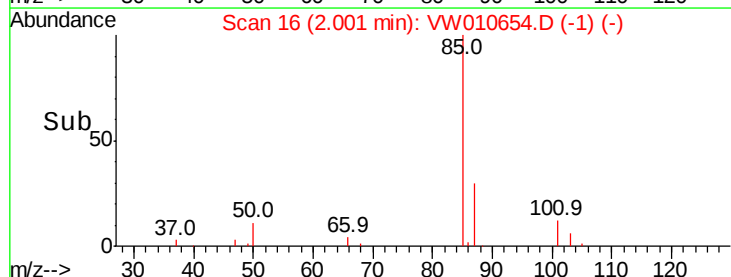
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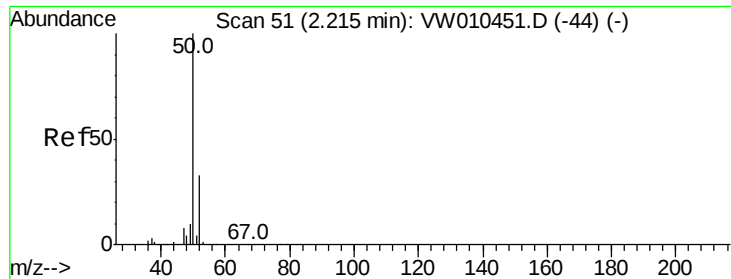
10000

5000

0

Time--> 1.90 1.95 2.00 2.05 2.10





#3

Chloromethane

Concen: 14.843 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0603SBS01

Tot Ion: 50 Resp: 28280

Ion Ratio Lower Upper

50 100

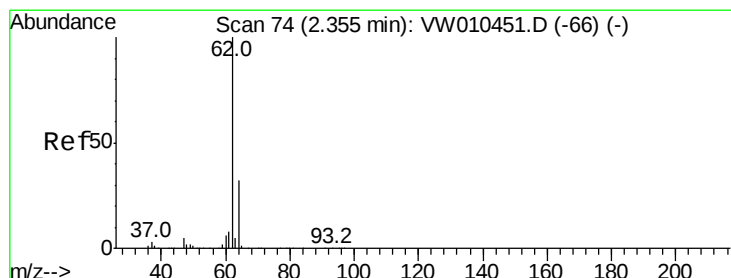
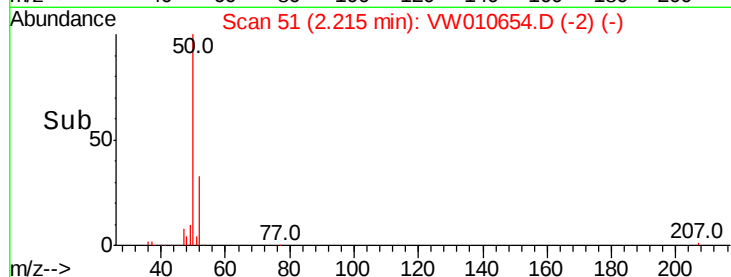
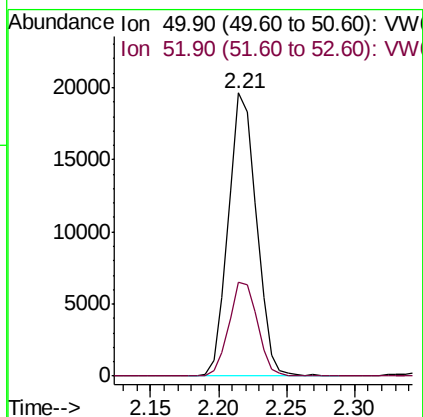
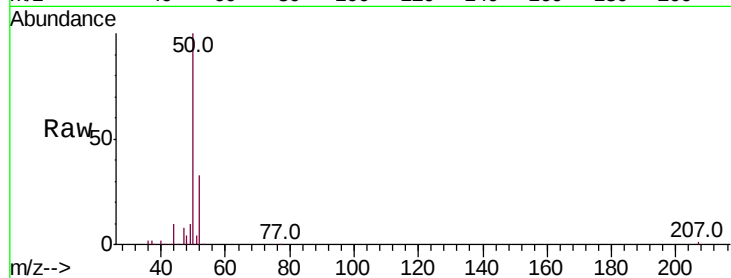
52 33.3 26.3 39.5

Manual Integrations

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6/4/2019 12:12:47 PM



#4

Vinyl Chloride

Concen: 15.184 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.00 min

Lab File: VW010654.D

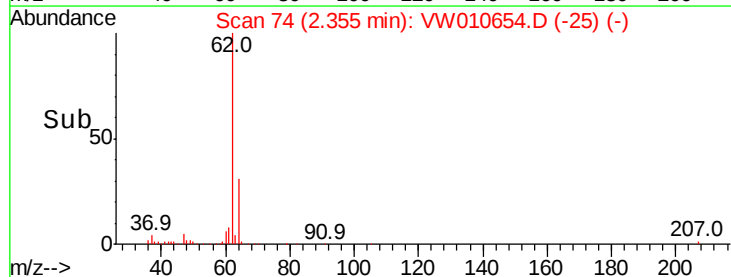
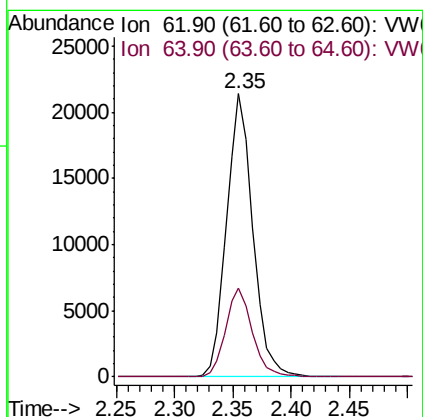
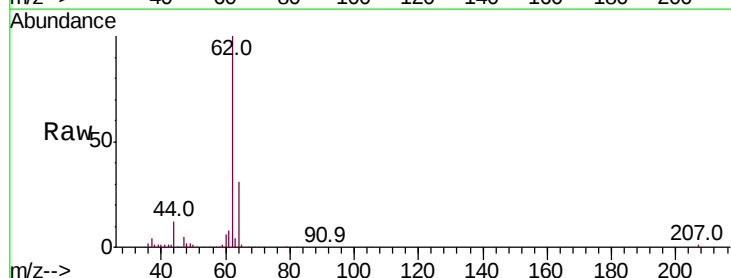
Acq: 03 Jun 2019 12:48

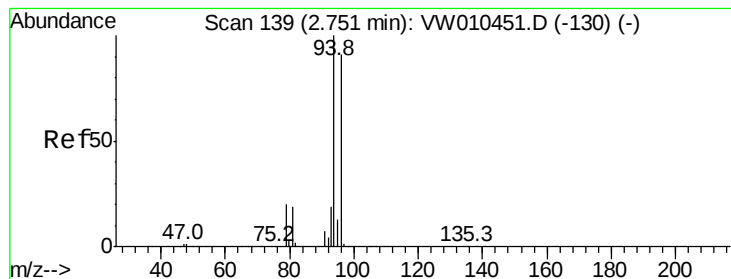
Tgt Ion: 62 Resp: 33510

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 16.547 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.01 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampled :

VW0603SBS01

Tot Ion: 94 Resp: 25123

Ion Ratio Lower Upper

94 100

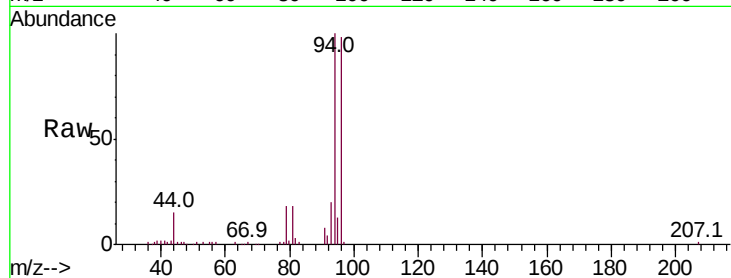
96 97.6 72.9 109.3

Manual Integrations

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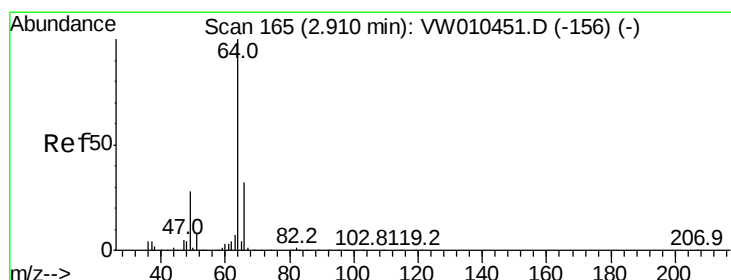
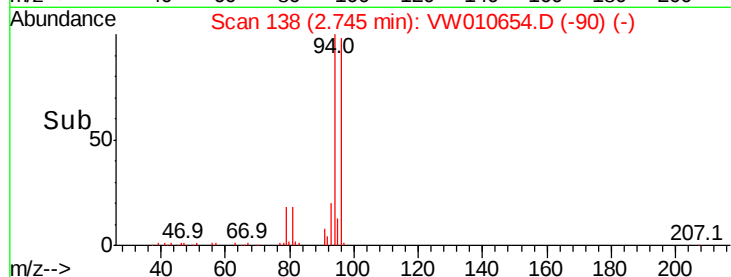
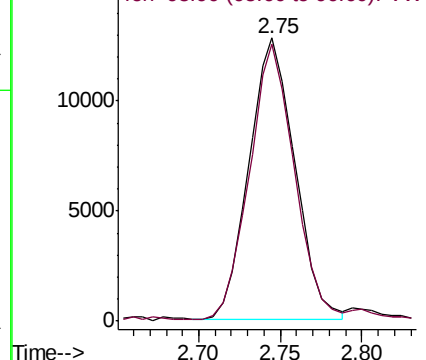
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 17.276 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW010654.D

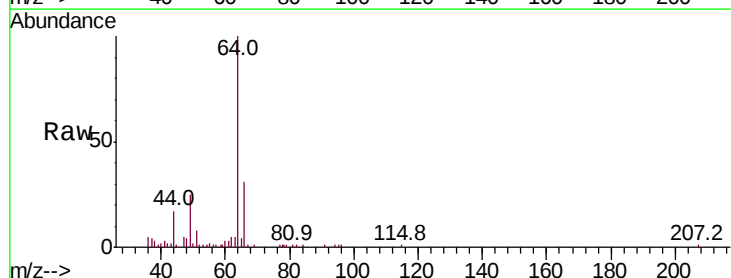
Acq: 03 Jun 2019 12:48

Tgt Ion: 64 Resp: 24475

Ion Ratio Lower Upper

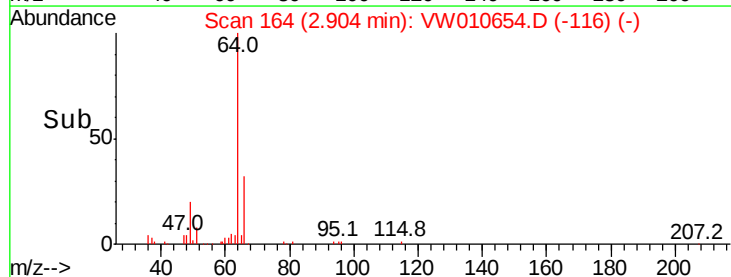
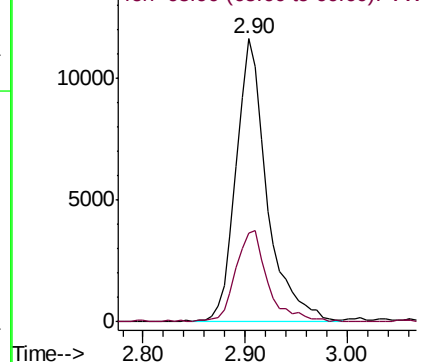
64 100

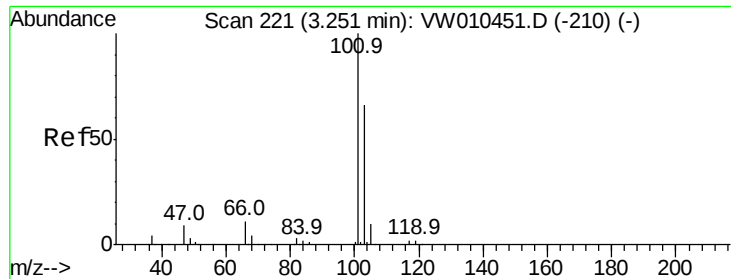
66 31.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

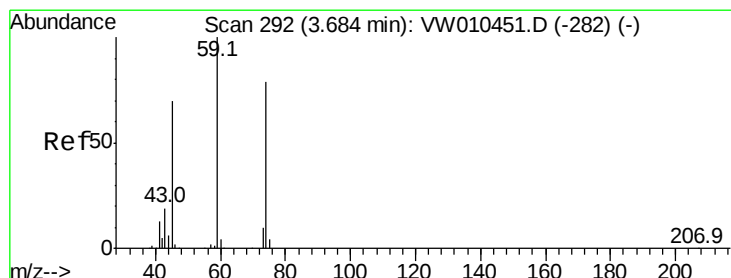
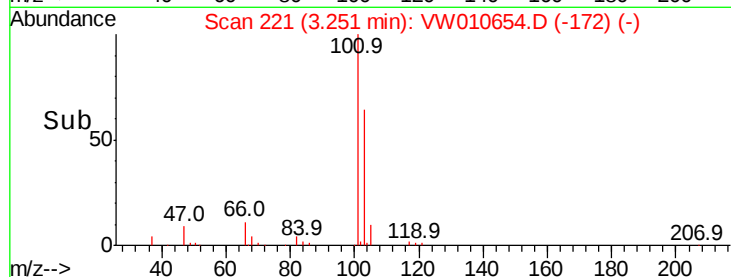
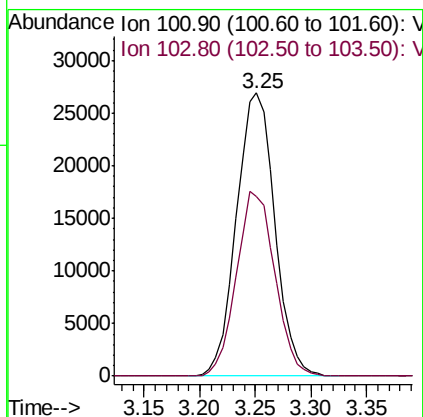
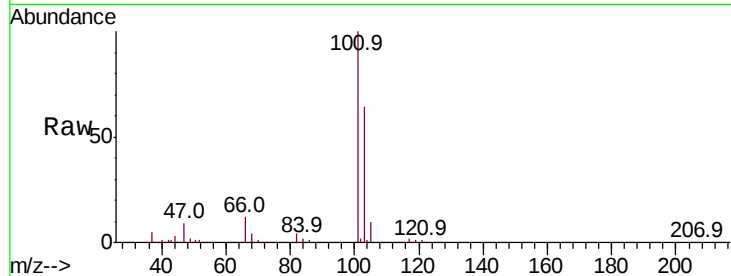
Trichlorofluoromethane
Concen: 19.766 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.00 min
Lab File: VW010654.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	53.0	79.4

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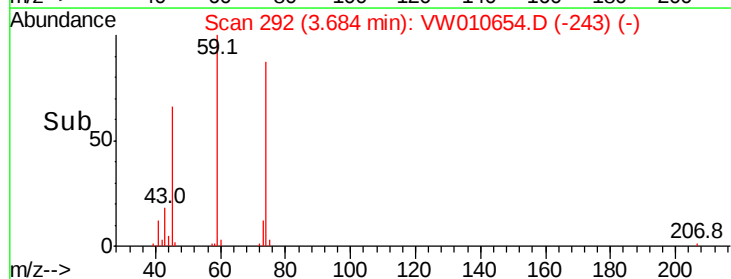
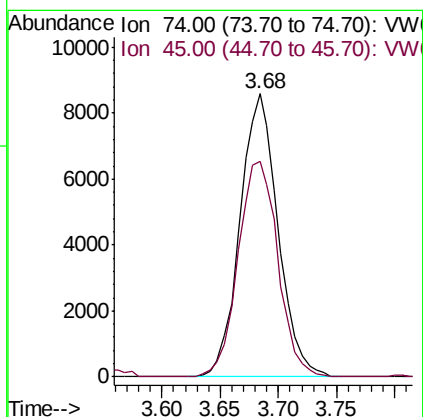
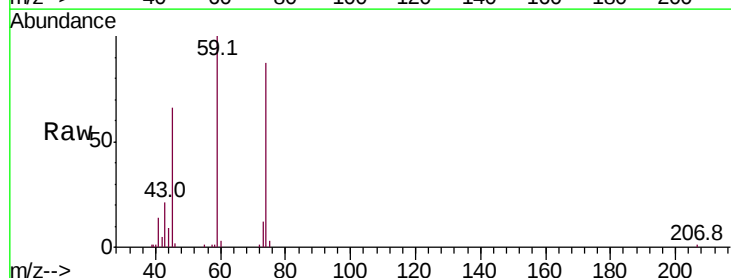
MMDadoda
6/4/2019 12:12:47 PM

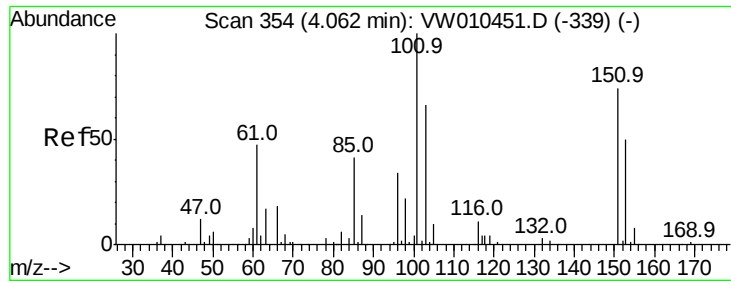


#8

Diethyl Ether
Concen: 18.887 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.9	42.9	128.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.140 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

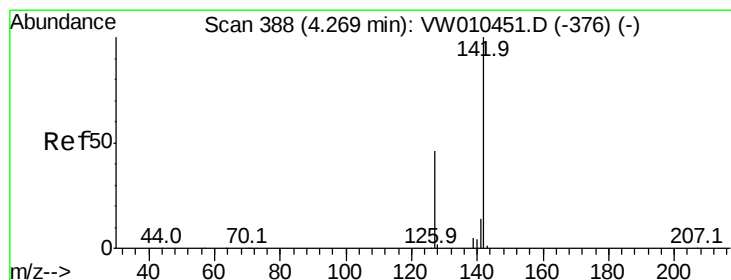
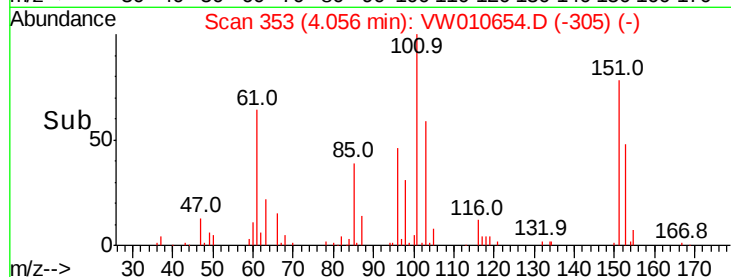
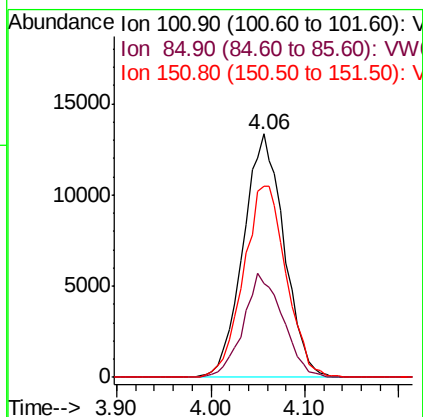
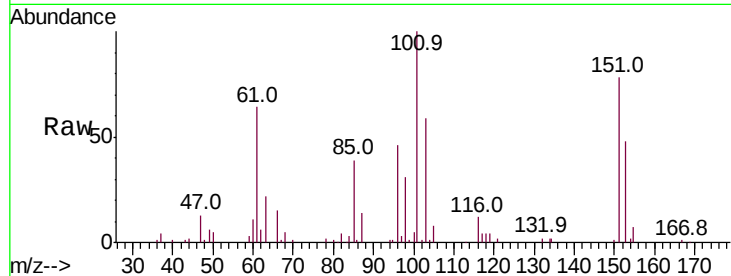
ClientSampleId :

VW0603SBS01

Tot Ion:	101	Resp:	40413
Ion Ratio	Lower	Upper	
101	100		
85	41.3	34.3	51.5
151	82.6	60.3	90.5

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#10

Methyl Iodide

Concen: 15.154 ug/l

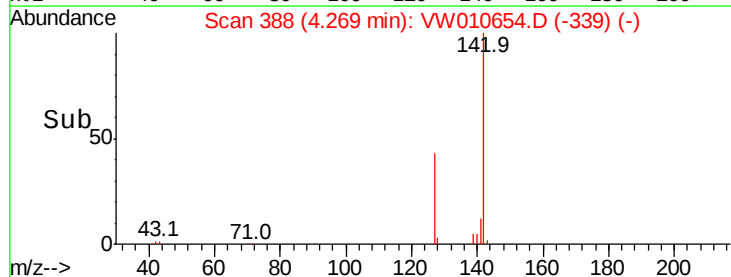
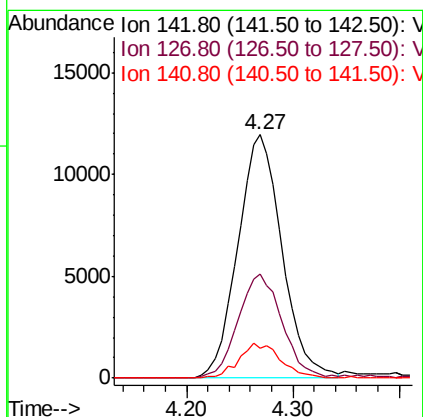
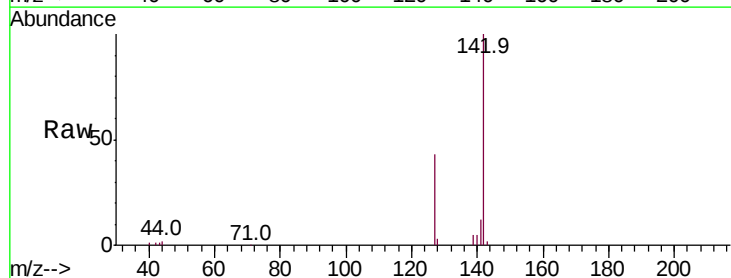
RT: 4.27 min Scan# 388

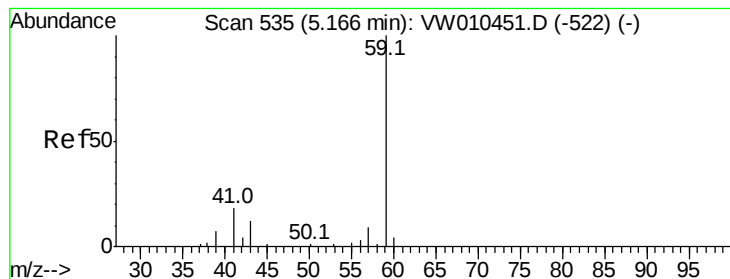
Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Tgt Ion:	142	Resp:	34756
Ion Ratio	Lower	Upper	
142	100		
127	42.4	36.1	54.1
141	13.6	11.3	16.9





#11

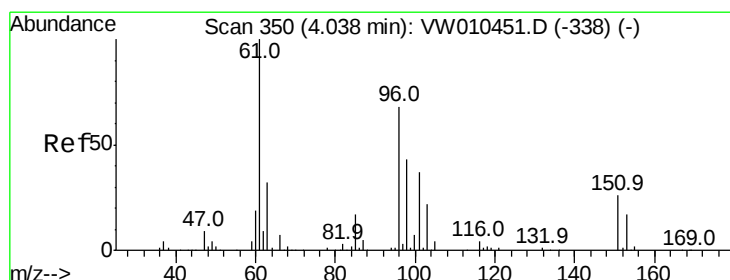
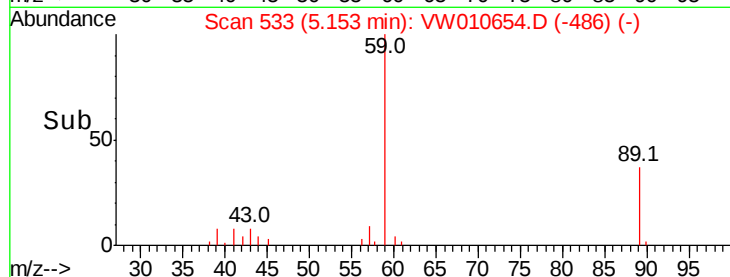
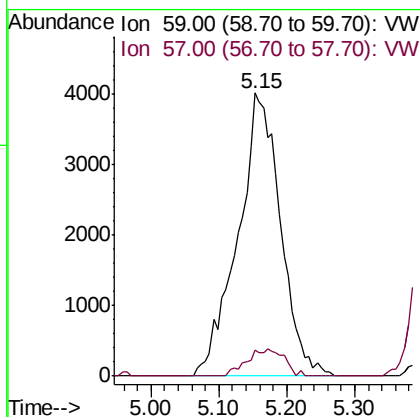
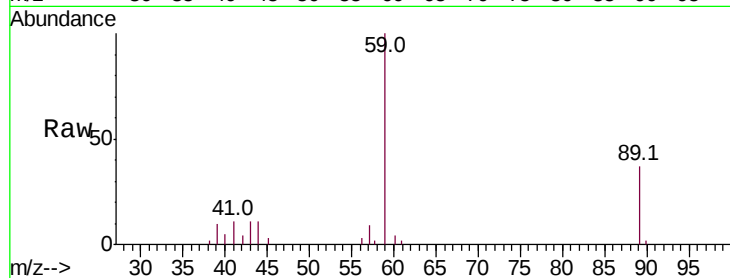
Tert butyl alcohol
 Concen: 103.950 ug/l
 RT: 5.15 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0603SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.4	8.8	13.2#

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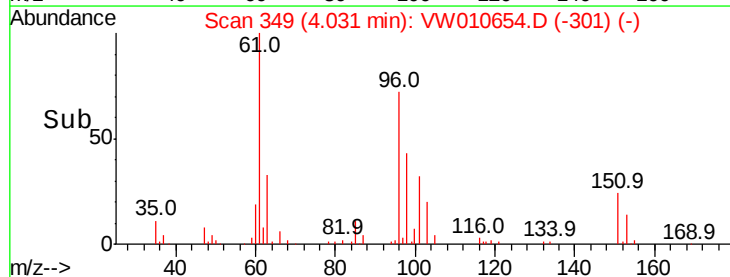
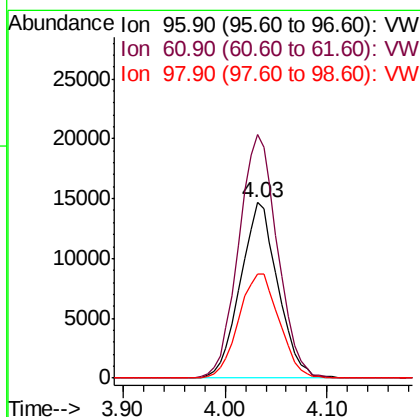
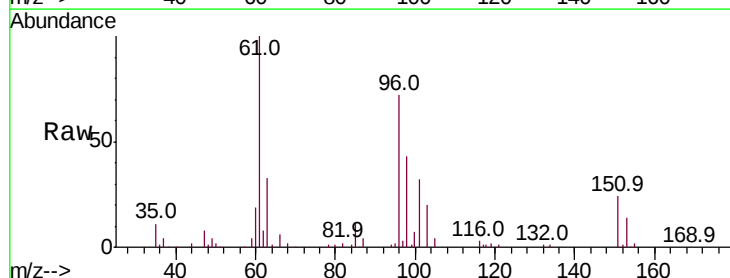
MMDadoda
 6/4/2019 12:12:47 PM

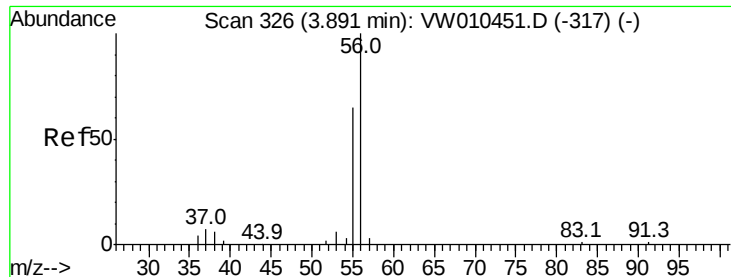


#12

1,1-Dichloroethene
 Concen: 19.607 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.6	118.3	177.5
98	59.1	51.0	76.6





#13

Acrolein

Concen: 51.263 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0603SBS01

Tot Ion: 56 Resp: 6769

Ion Ratio Lower Upper

56 100

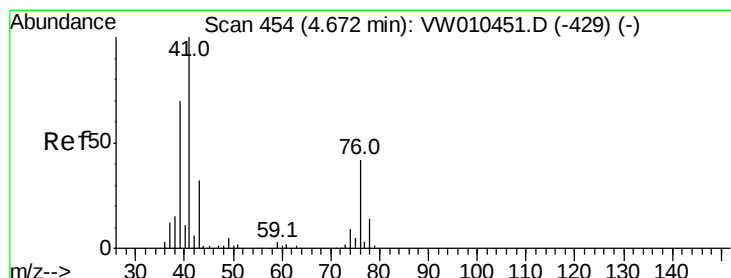
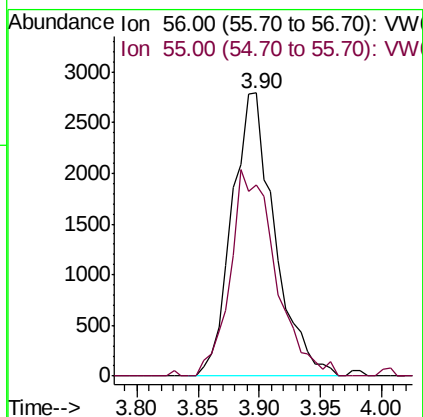
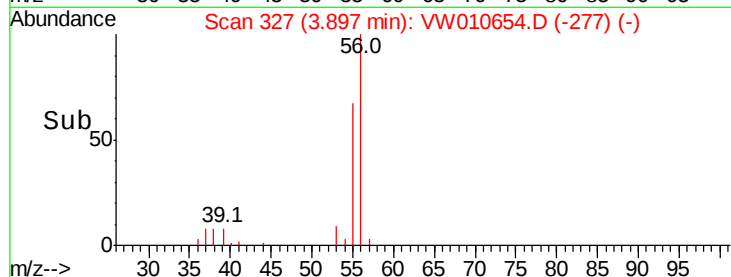
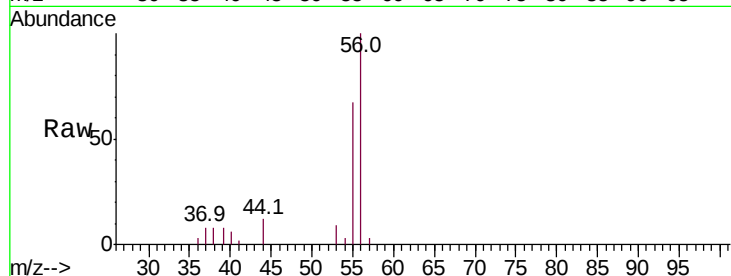
55 77.0 57.9 86.9

Manual Integrations

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#14

Allyl chloride

Concen: 18.544 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

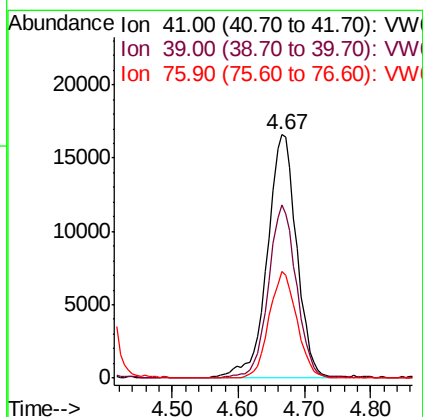
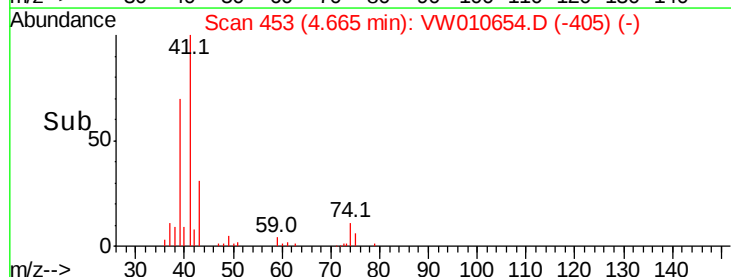
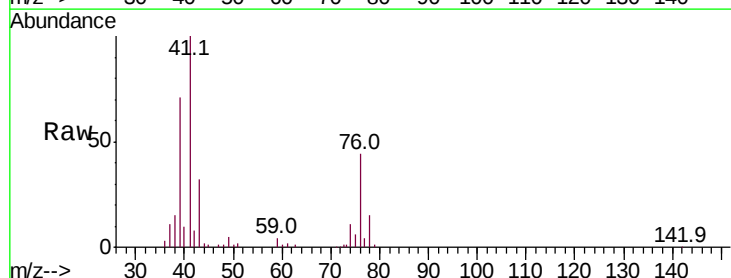
Tgt Ion: 41 Resp: 51413

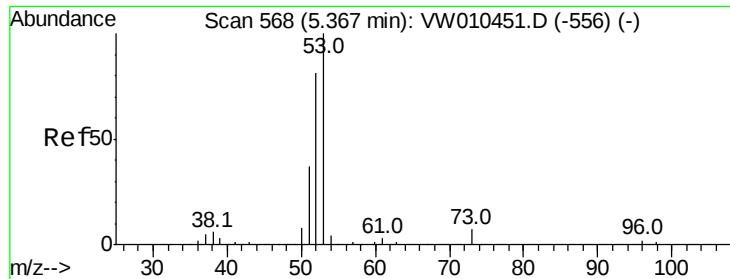
Ion Ratio Lower Upper

41 100

39 68.0 55.0 82.4

76 41.0 32.8 49.2





#15

Acrylonitrile

Concen: 86.651 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

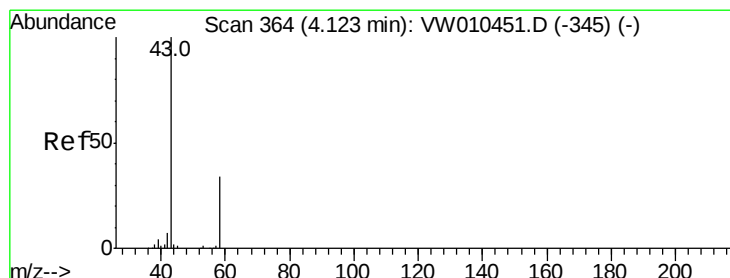
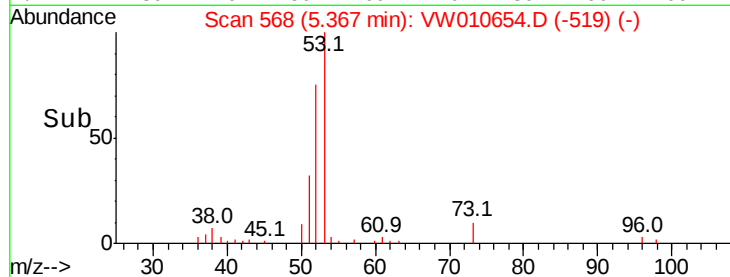
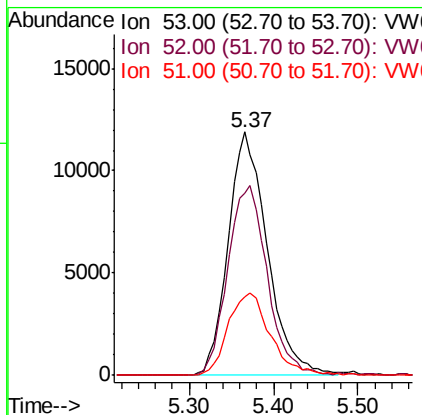
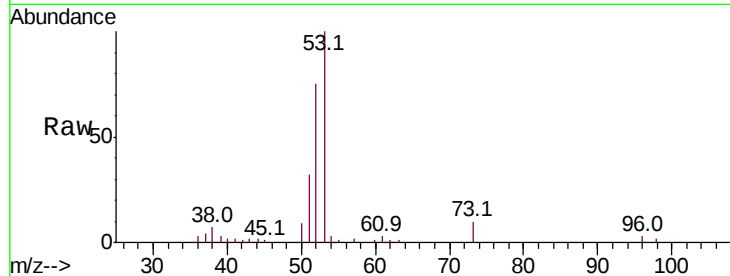
ClientSampleId :

VW0603SBS01

Tot Ion:	53	Resp:	37481
Ion	Ratio	Lower	Upper
53	100		
52	78.7	65.6	98.4
51	36.5	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 88.677 ug/l

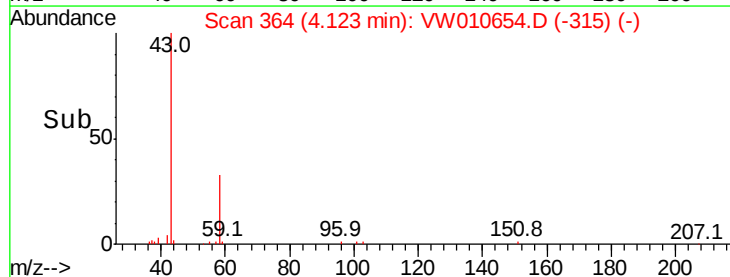
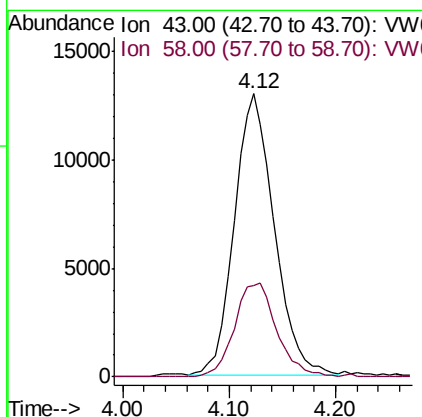
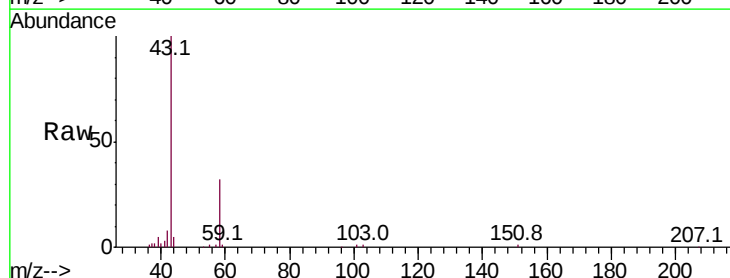
RT: 4.12 min Scan# 364

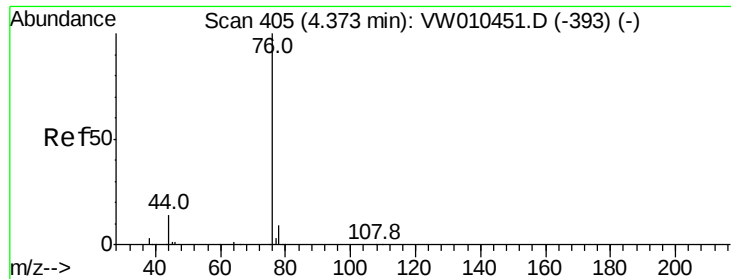
Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Tgt Ion:	43	Resp:	33880
Ion	Ratio	Lower	Upper
43	100		
58	32.8	27.0	40.4





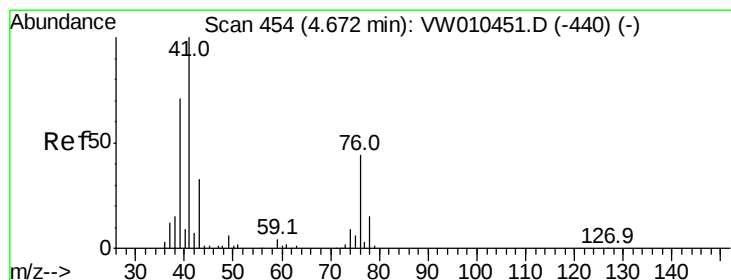
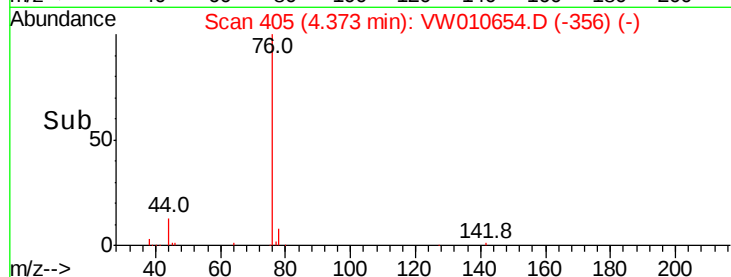
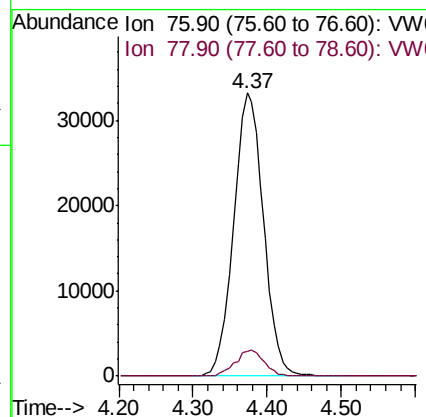
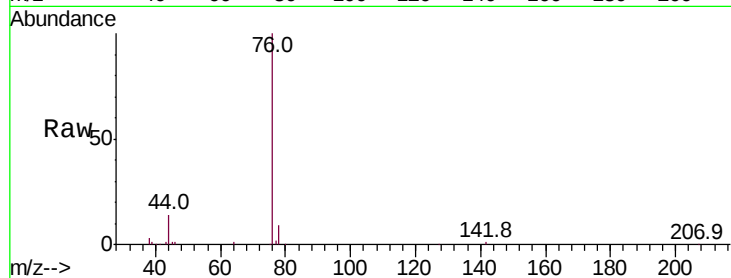
#17
Carbon Disulfide
Concen: 16.260 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion: 76 Resp: 92895
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7

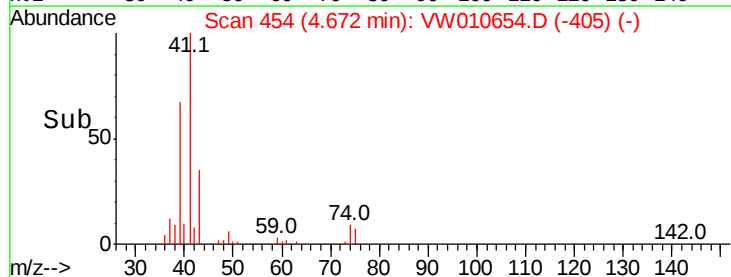
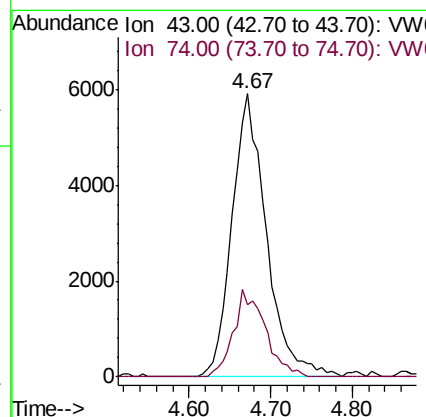
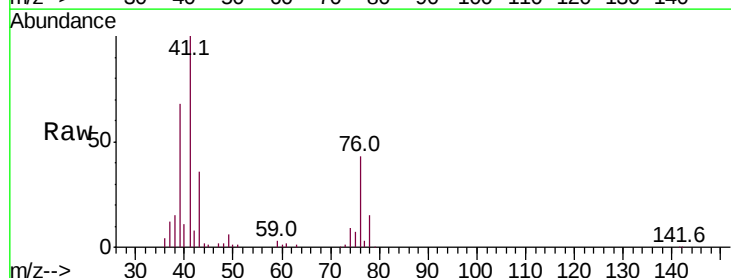
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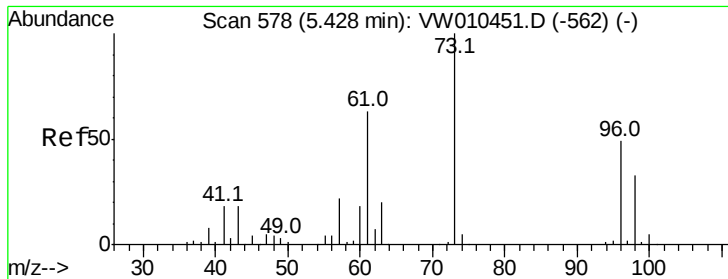
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#18
Methyl Acetate
Concen: 18.483 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion: 43 Resp: 17271
Ion Ratio Lower Upper
43 100
74 28.2 21.6 32.4





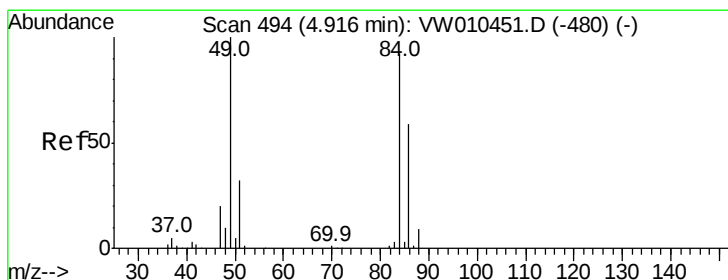
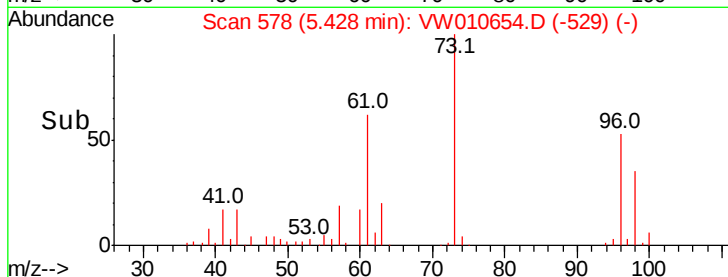
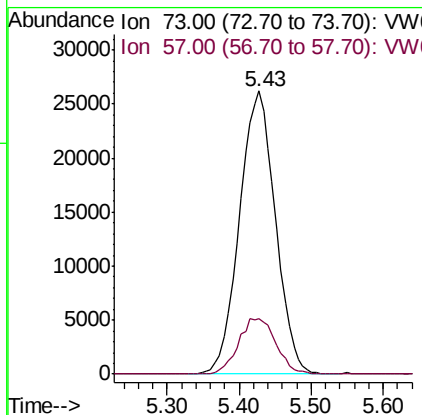
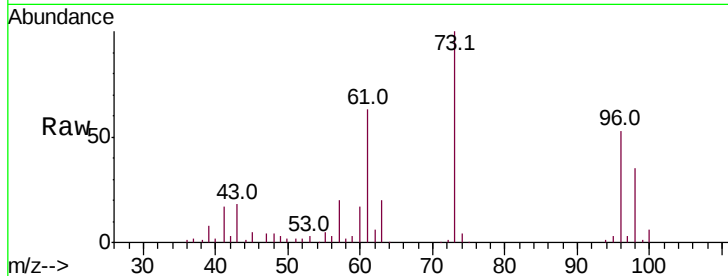
#19
Methyl tert-butyl Ether
Concen: 18.569 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion: 73 Resp: 90672
Ion Ratio Lower Upper
73 100
57 19.7 17.4 26.0

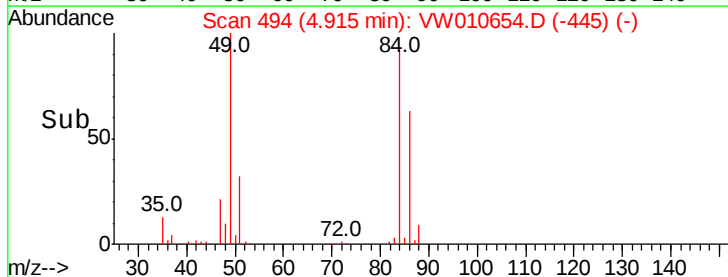
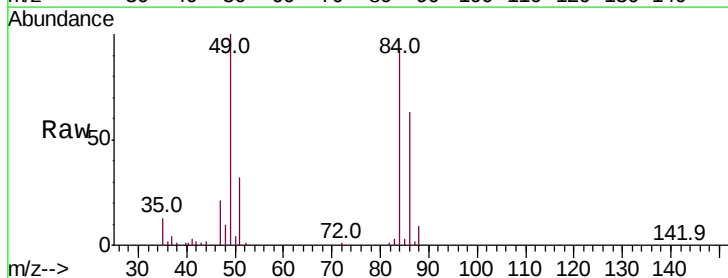
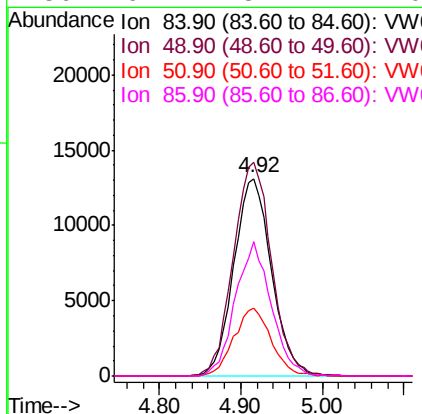
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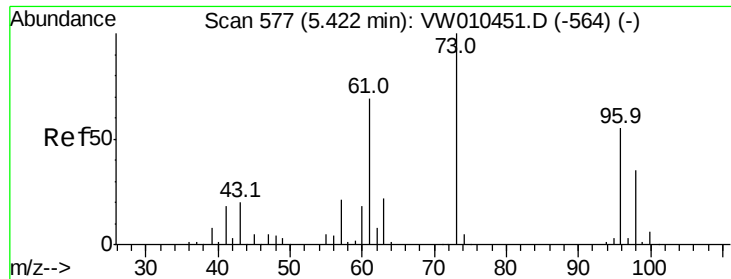
MMDadoda
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#20
Methylene Chloride
Concen: 15.272 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion: 84 Resp: 42132
Ion Ratio Lower Upper
84 100
49 108.1 87.2 130.8
51 34.3 27.7 41.5
86 67.7 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 19.338 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0603SBS01

Tot Ion: 96 Resp: 42487

Ion Ratio Lower Upper

96 100

61 124.4 101.4 152.0

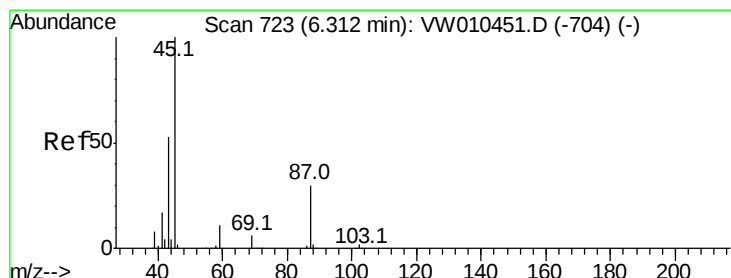
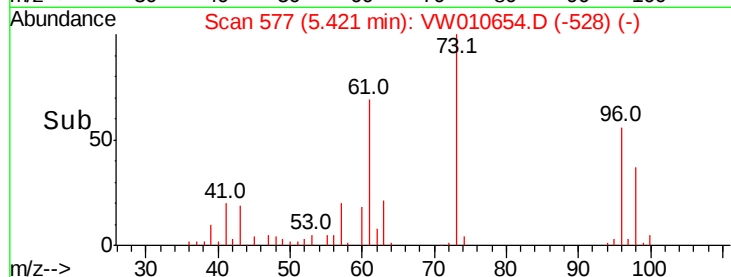
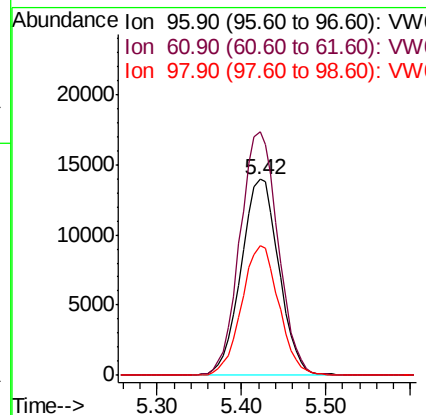
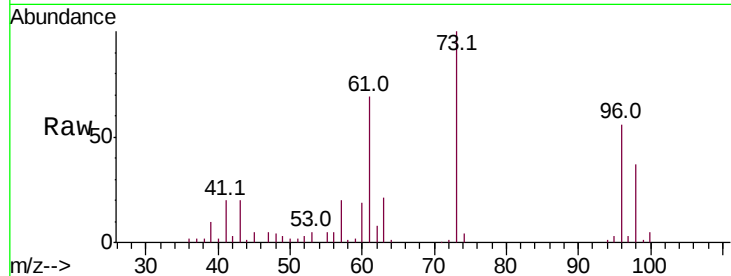
98 66.4 50.6 76.0

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#22

Diisopropyl ether

Concen: 18.868 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Tgt Ion: 45 Resp: 107265

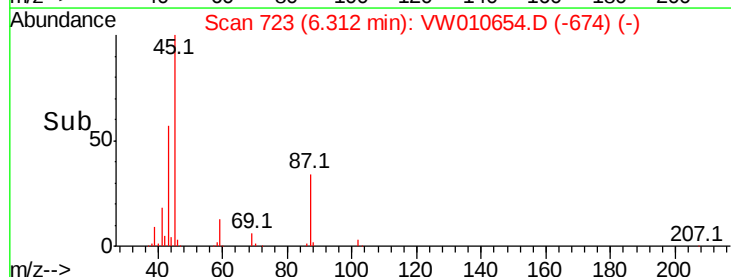
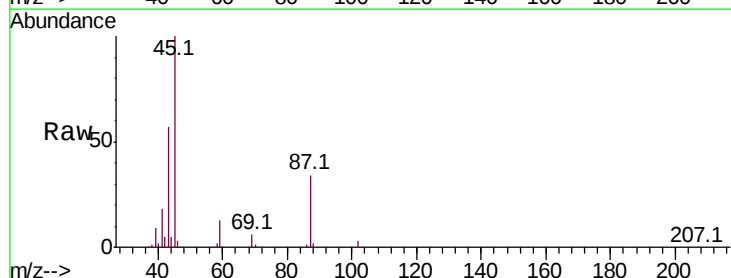
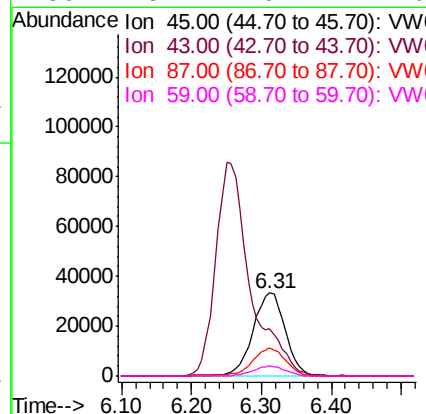
Ion Ratio Lower Upper

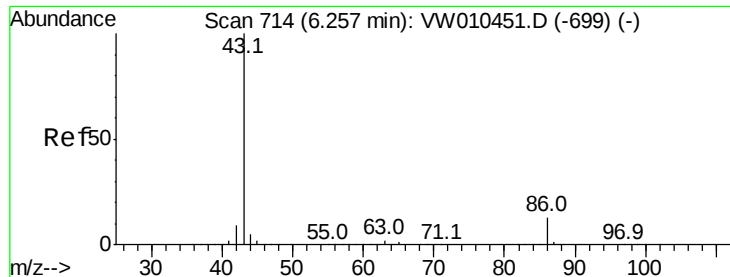
45 100

43 55.6 42.9 64.3

87 33.9 24.6 36.8

59 13.2 9.4 14.0





#23

Vinyl Acetate

Concen: 86.773 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0603SBS01

Tot Ion: 43 Resp: 294675

Ion Ratio Lower Upper

43 100

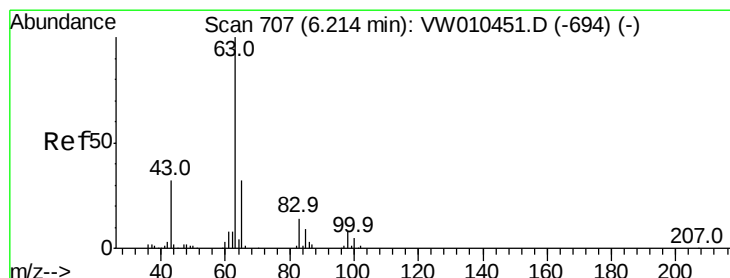
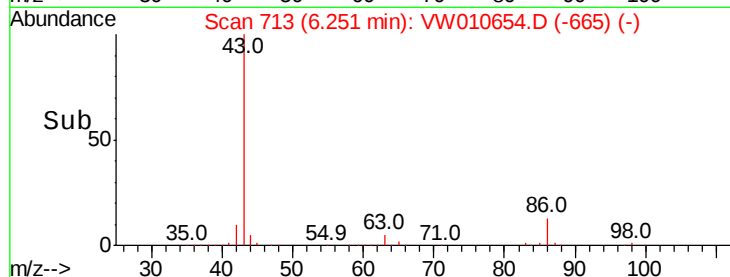
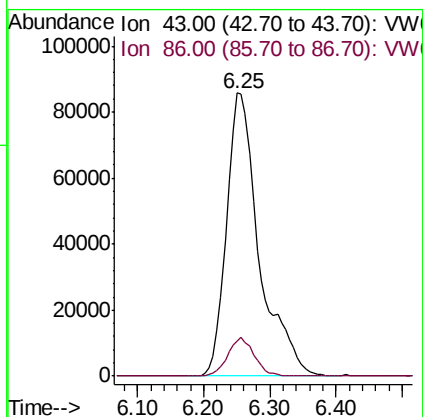
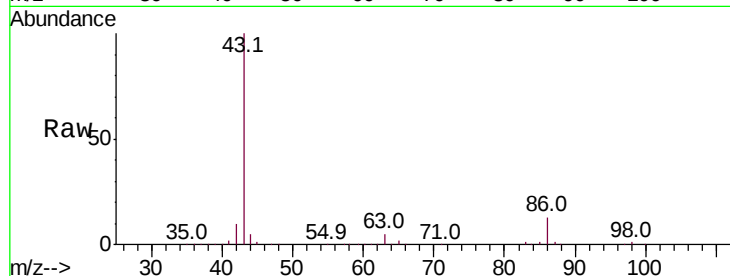
86 12.6 10.3 15.5

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#24

1,1-Dichloroethane

Concen: 20.071 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

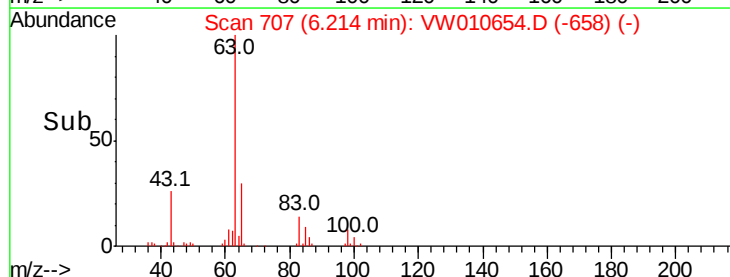
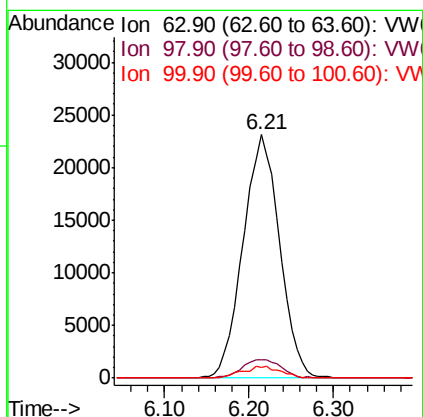
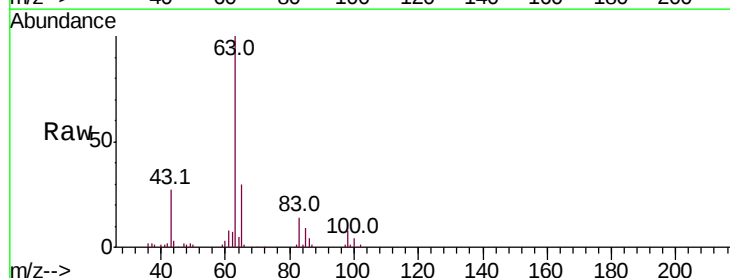
Tgt Ion: 63 Resp: 68091

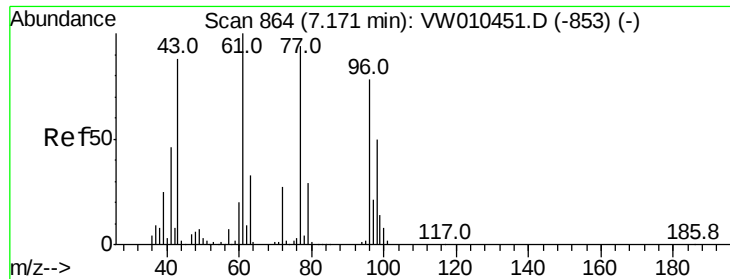
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

100 4.3 2.5 7.4





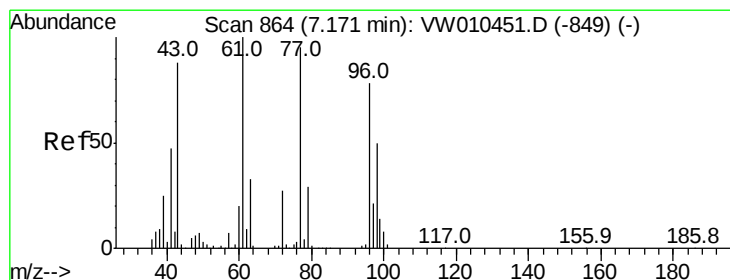
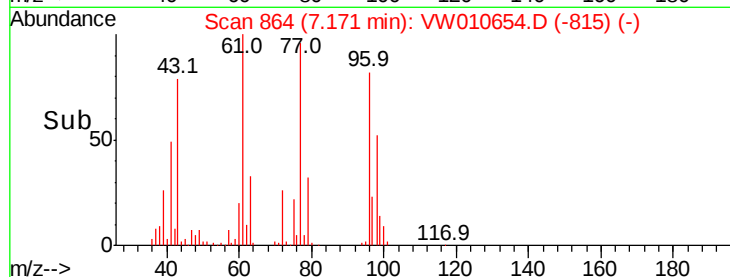
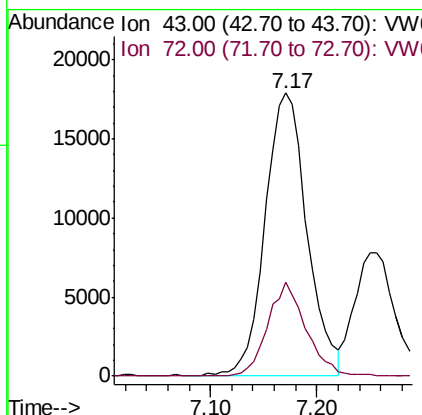
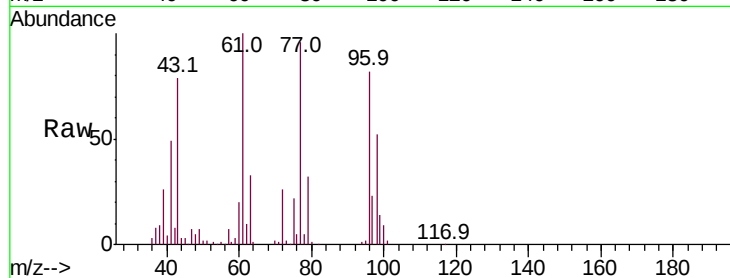
#25
2-Butanone
Concen: 89.821 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	43	72	Ratio	Lower	Upper
43	100				
72	33.0		24.1	36.1	

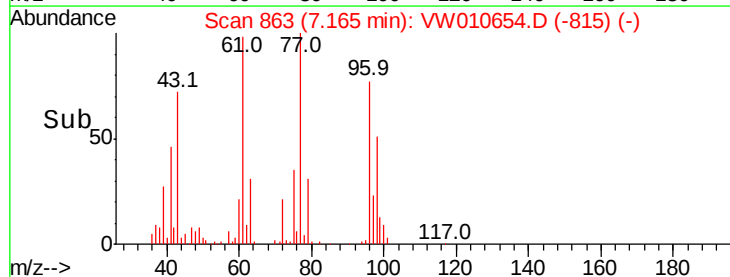
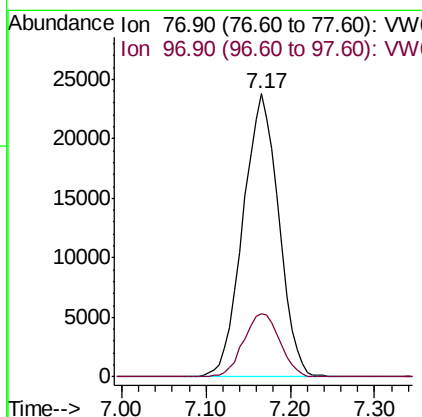
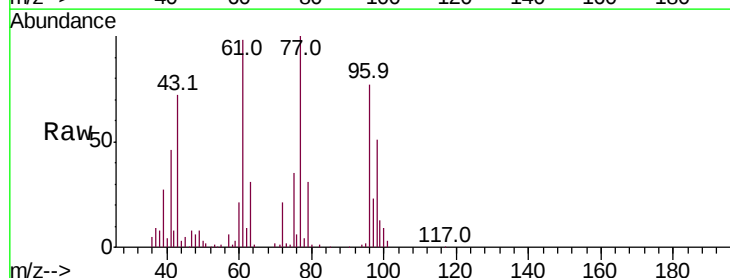
Manual Integrations
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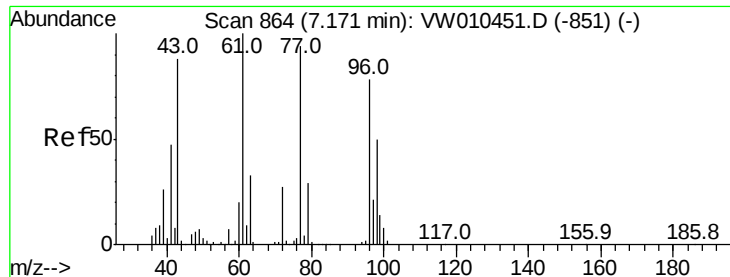
MMDadoda
6/4/2019 12:12:47 PM



#26
2,2-Dichloropropane
Concen: 21.268 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	77	97	Ratio	Lower	Upper
77	100				
97	22.6		11.7	35.0	





#27

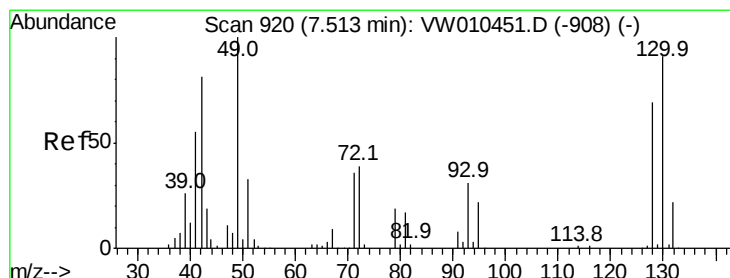
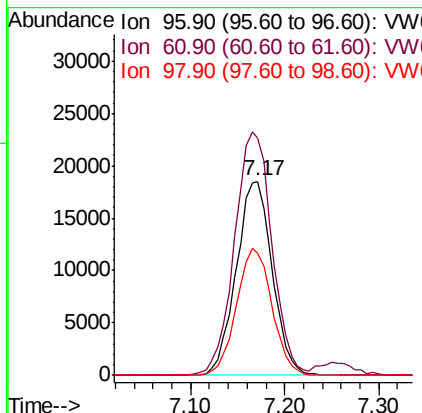
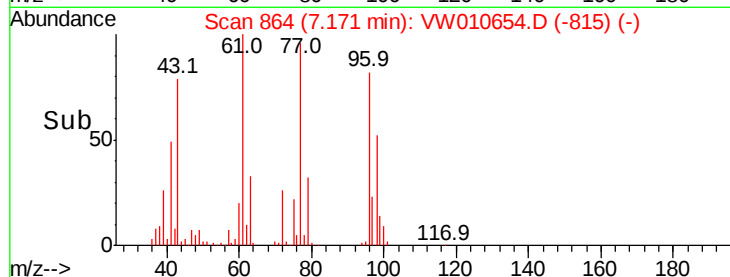
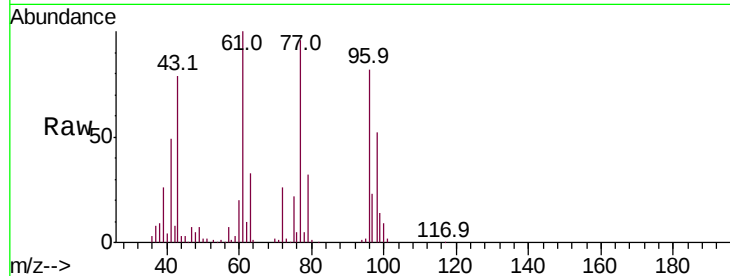
cis-1,2-Dichloroethene
Concen: 20.730 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	130.4	0.0	265.4
98	64.5	0.0	129.4

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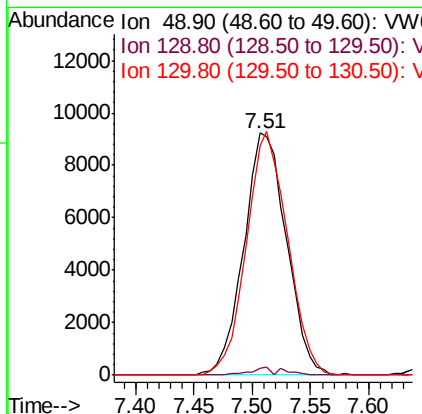
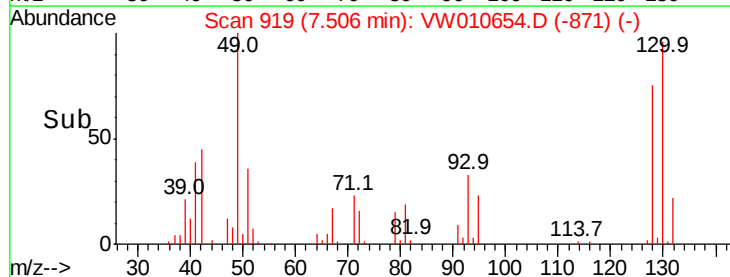
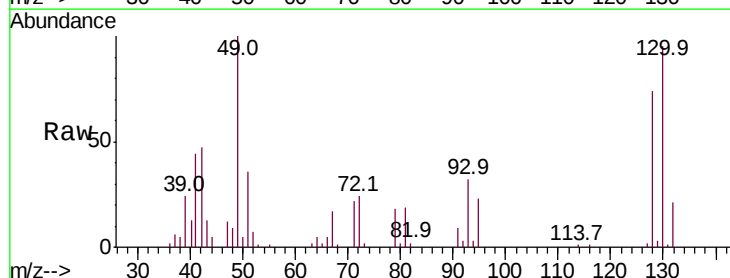
MMDadoda
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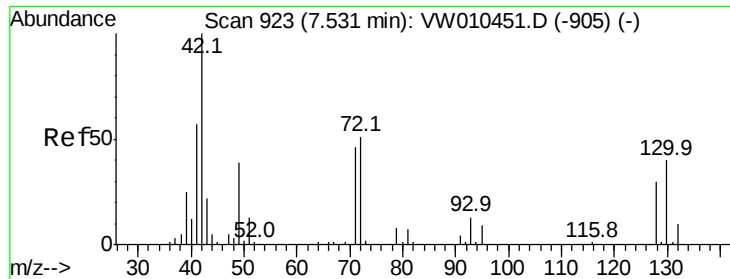


#28

Bromochloromethane
Concen: 19.338 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.8
130	97.0	71.2	106.8





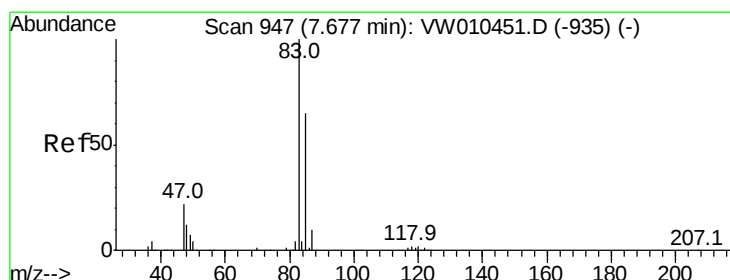
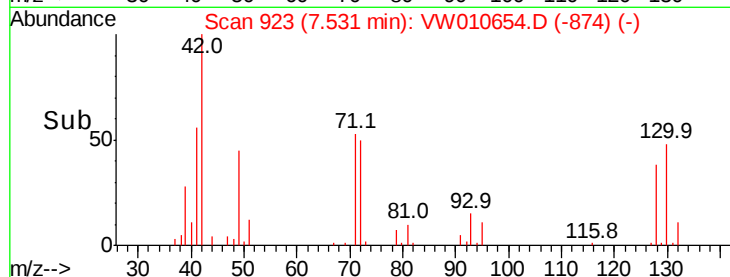
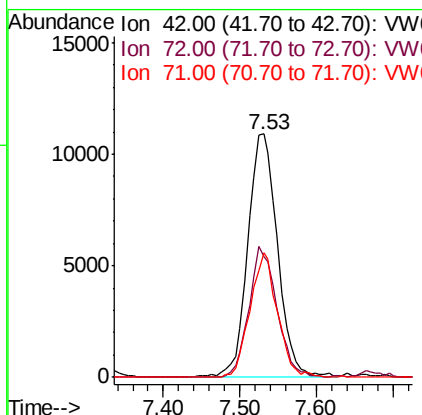
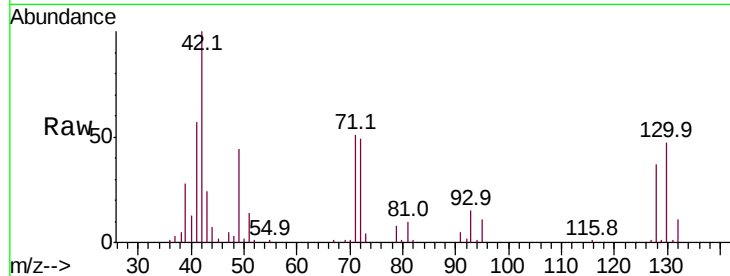
#29
Tetrahydrofuran
Concen: 80.396 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.2	38.5	57.7
71	47.0	36.5	54.7

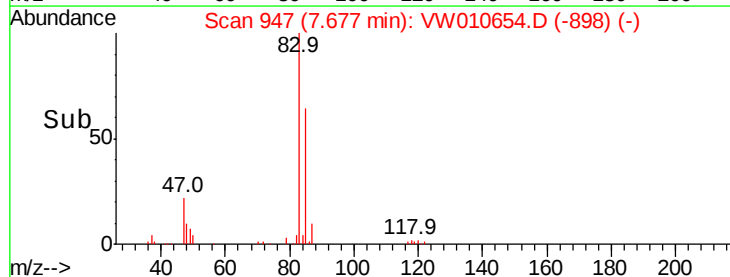
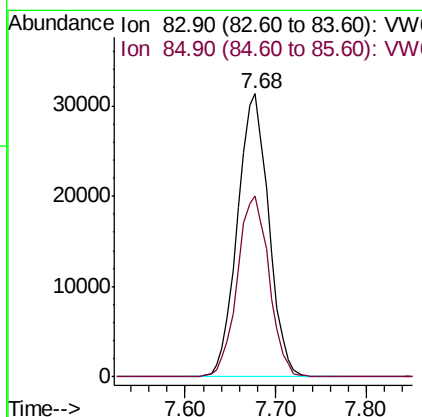
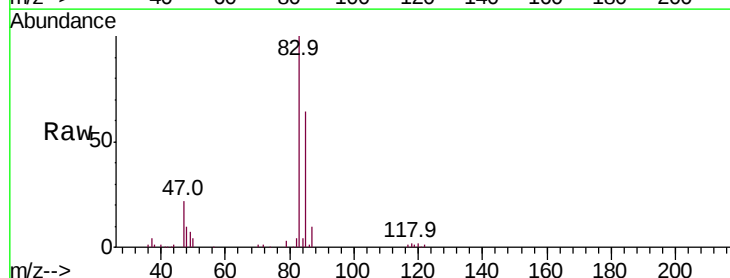
Manual Integrations
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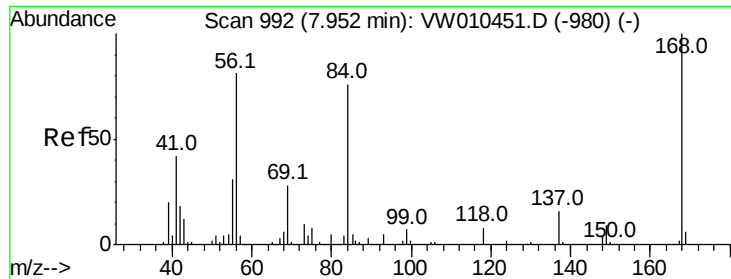
MMDadoda
6/4/2019 12:12:47 PM



#30
Chloroform
Concen: 20.457 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.2	78.4





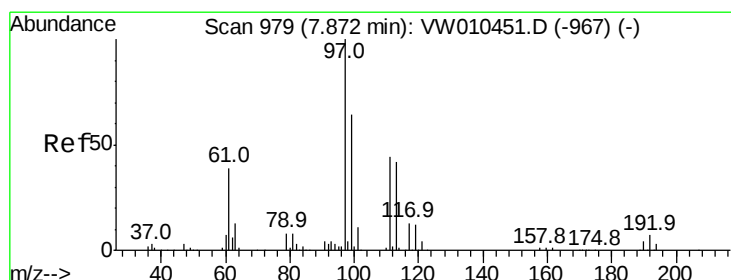
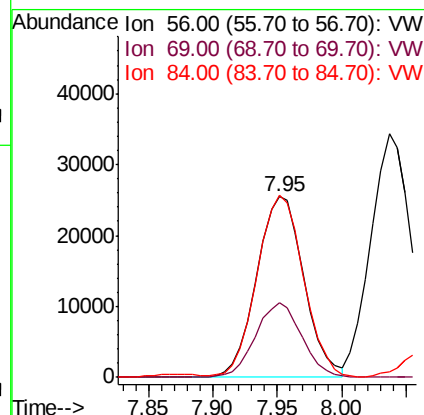
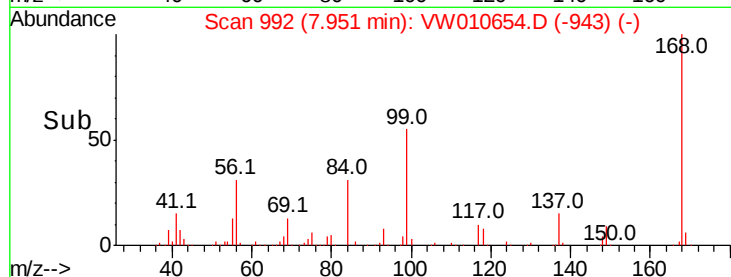
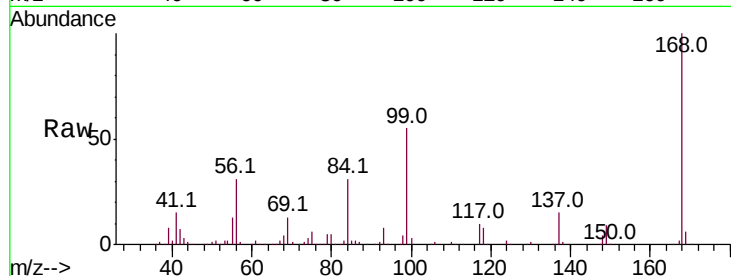
#31
Cyclohexane
Concen: 18.271 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	41.3	28.2	42.2
84	99.1	75.8	113.8

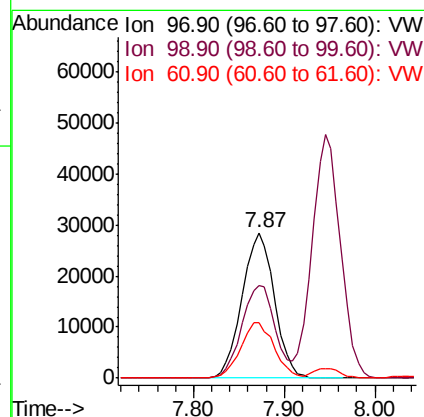
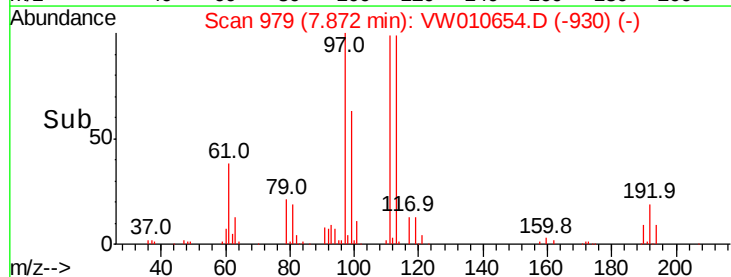
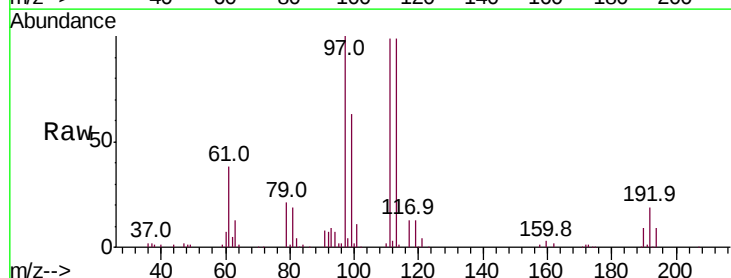
Manual Integrations
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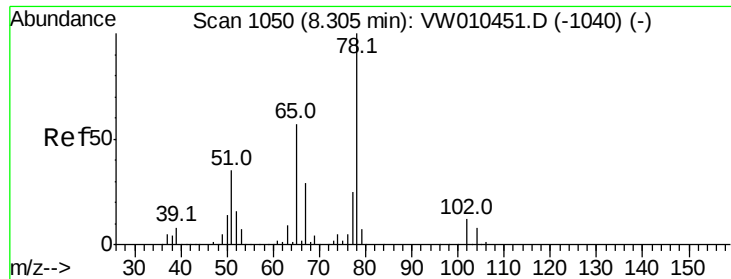
MMDadoda
6/4/2019 12:12:47 PM



#32
1,1,1-Trichloroethane
Concen: 20.103 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.3	50.8	76.2
61	39.5	32.1	48.1





#33

1,2-Dichloroethane-d4

Concen: 43.672 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampled :

VW0603SBS01

Tot Ion: 65 Resp: 81743

Ion Ratio Lower Upper

65 100

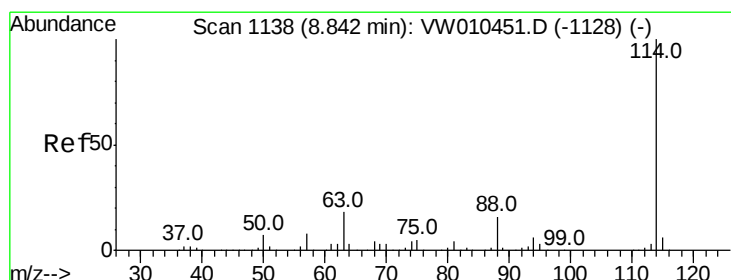
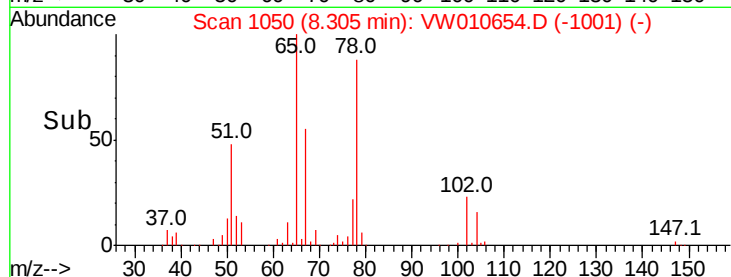
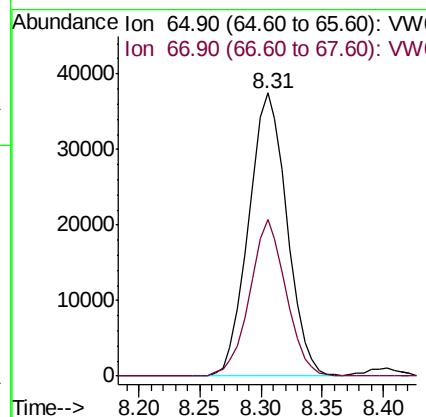
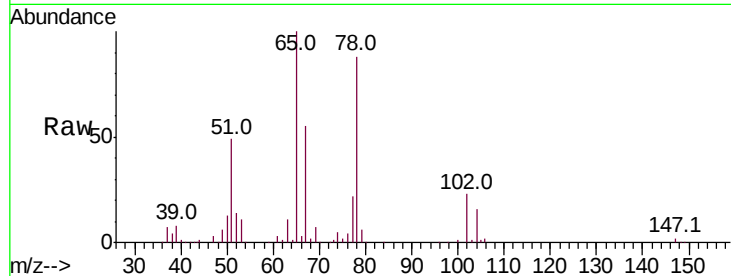
67 52.4 0.0 103.6

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6/4/2019 12:12:47 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

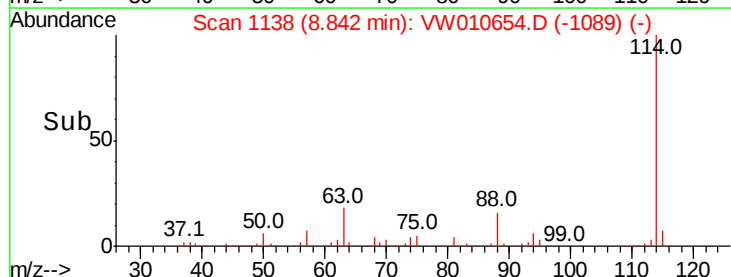
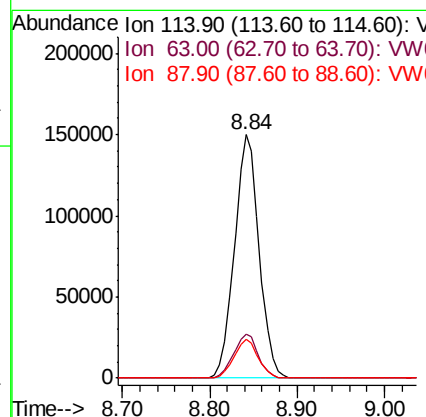
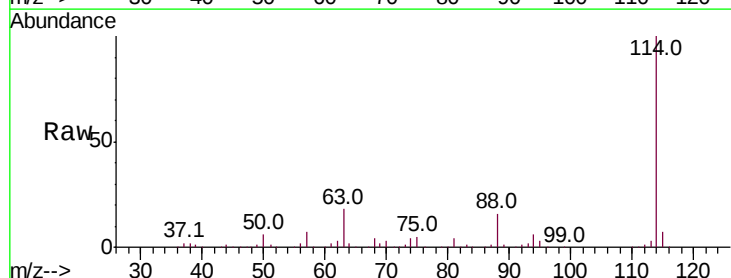
Tgt Ion: 114 Resp: 292204

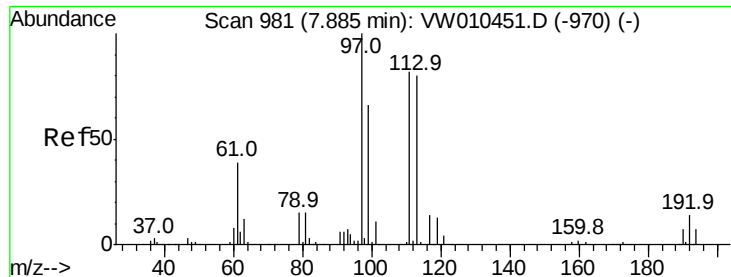
Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.0

88 16.0 0.0 32.0





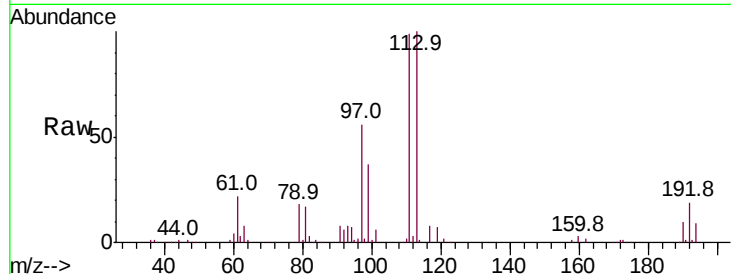
#35
 Dibromofluoromethane
 Concen: 49.387 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0603SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.2	123.4
192	19.6	14.3	21.5

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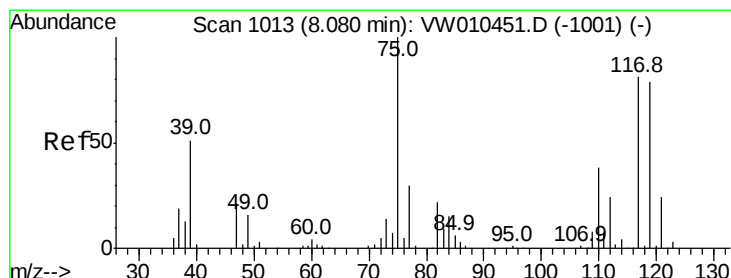
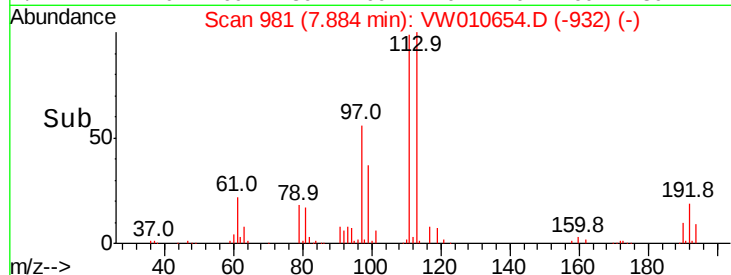
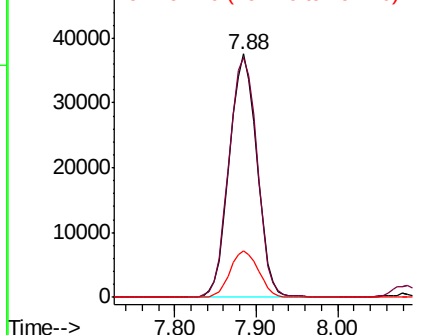


Abundance

Ion 112.80 (112.50 to 113.50): V

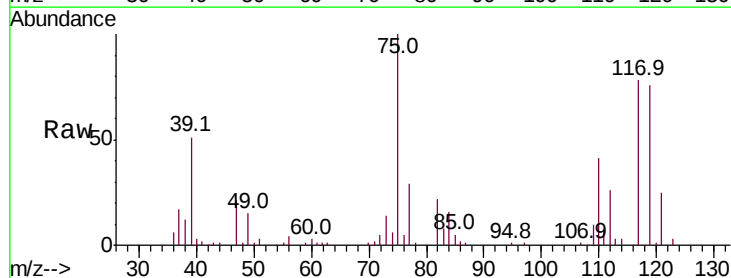
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 21.008 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.5	19.2	57.6
77	30.8	25.2	37.8

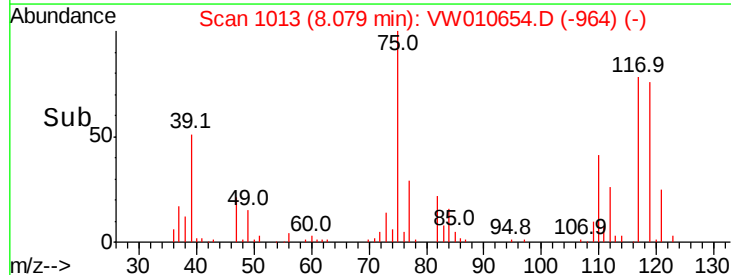
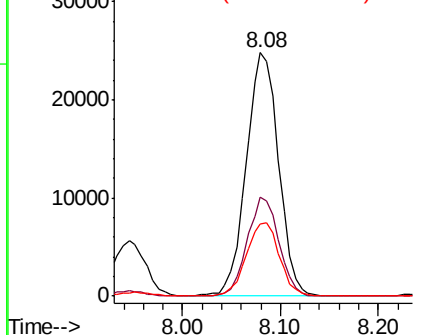


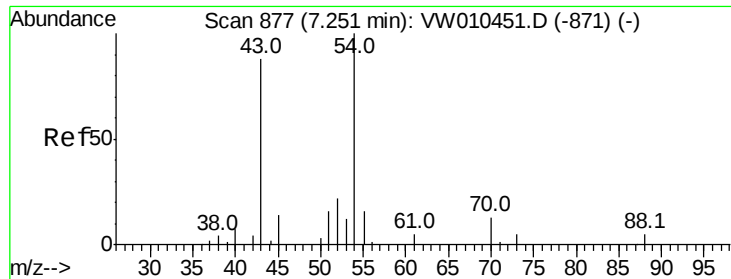
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





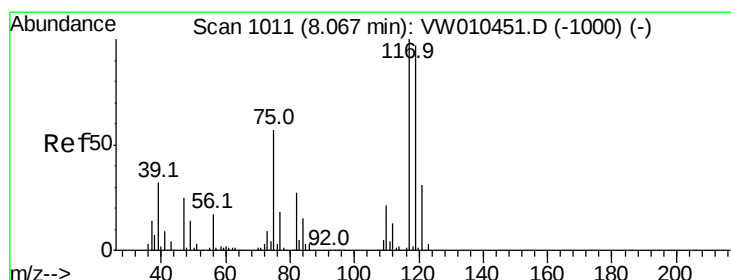
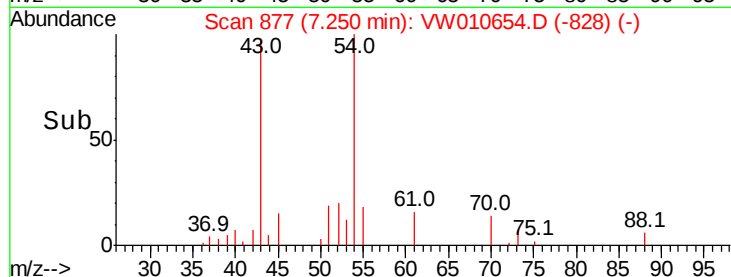
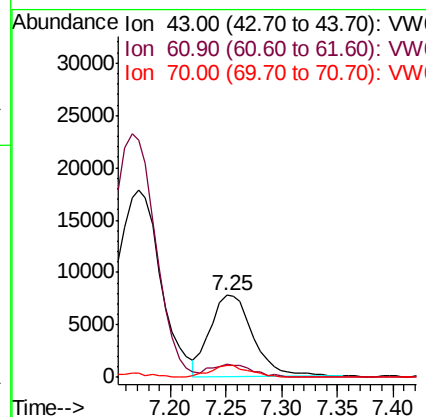
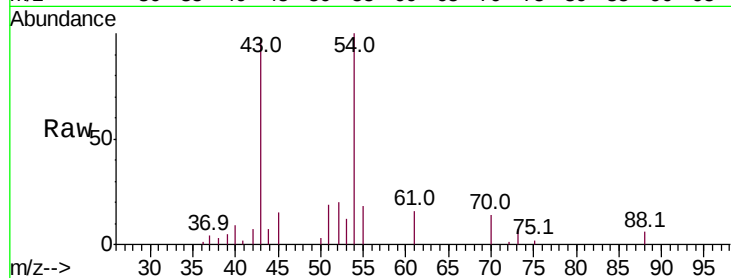
#37
Ethyl Acetate
Concen: 17.934 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	11.2	16.8
70	13.3	9.9	14.9

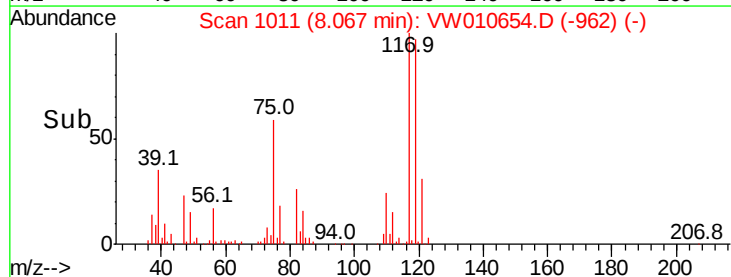
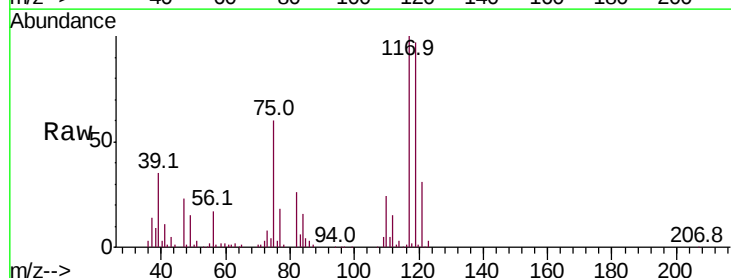
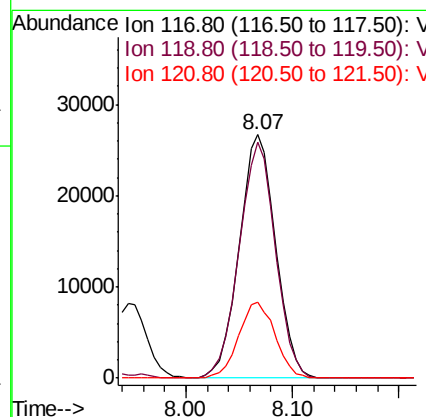
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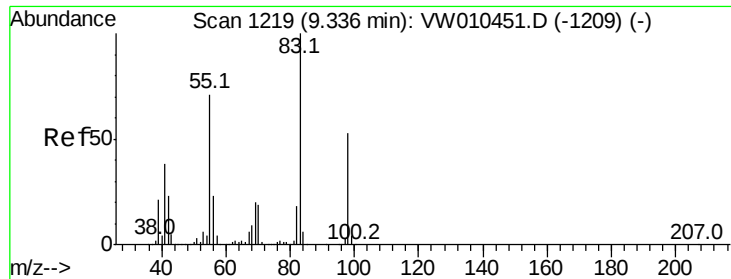
MMDadoda
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#38
Carbon Tetrachloride
Concen: 21.841 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.4	116.0
121	31.1	25.0	37.6





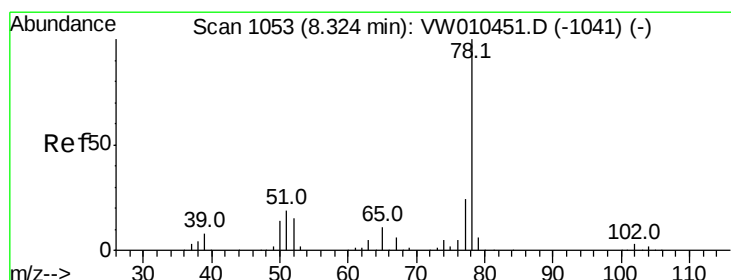
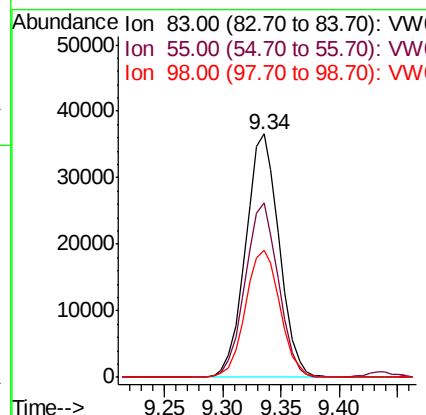
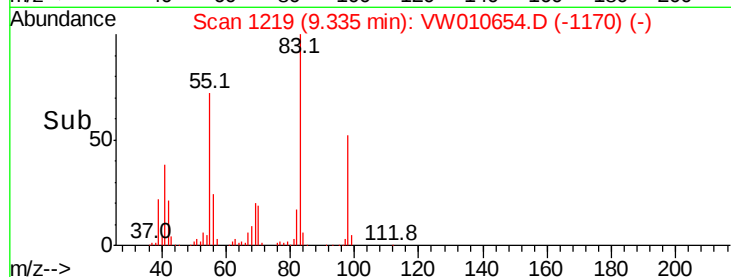
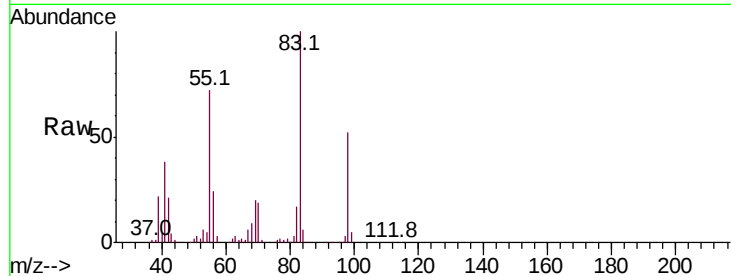
#39
Methvlcvclohexane
Concen: 20.131 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	57.0	85.6
98	52.0	42.0	63.0

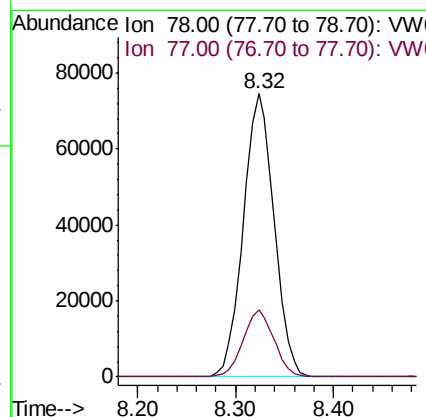
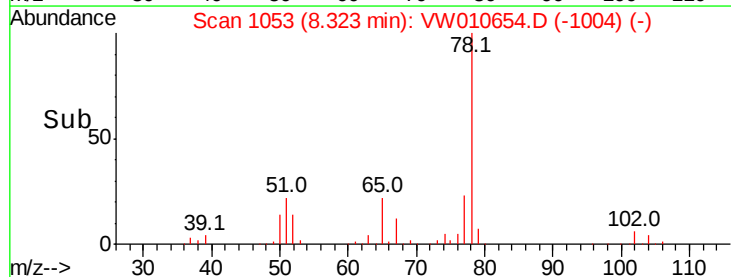
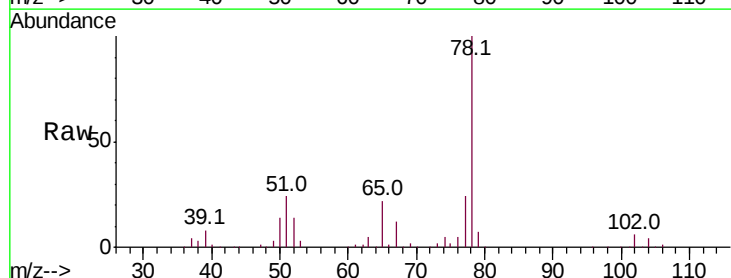
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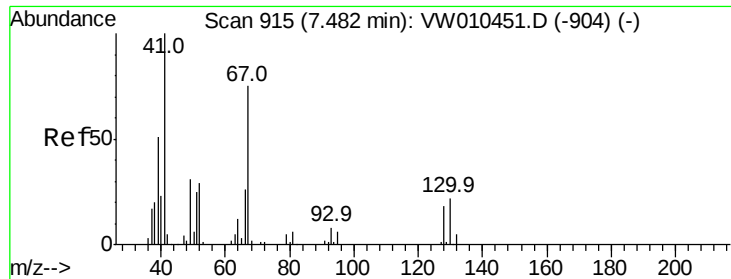
MMDadoda
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#40
Benzene
Concen: 21.487 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.9	28.3





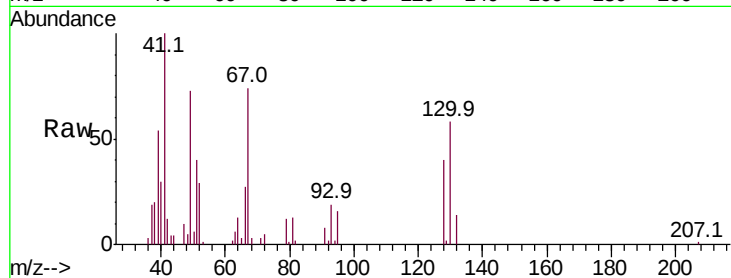
#41
Methacrylonitrile
Concen: 17.682 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

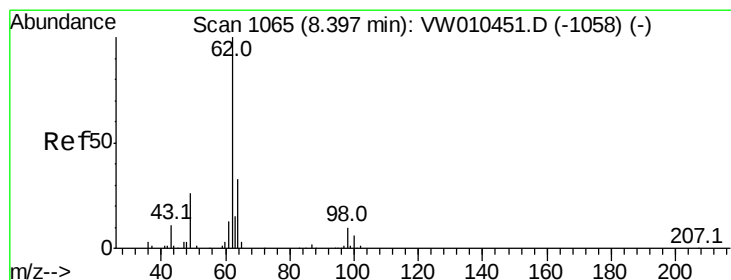
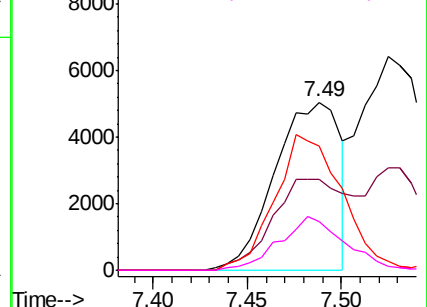
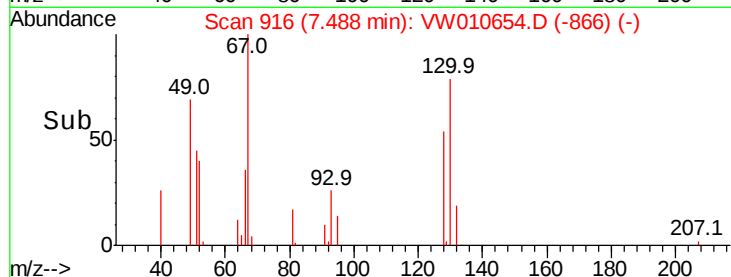
Tot Ion	Ratio	Lower	Upper
41	100		
39	69.2	47.4	71.2
67	83.4	65.5	98.3
52	31.8	25.0	37.4

Manual Integrations
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6/4/2019 12:12:47 PM

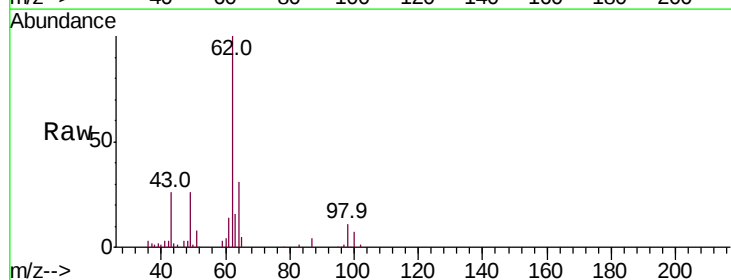


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

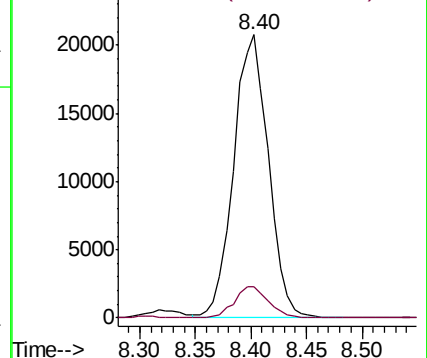
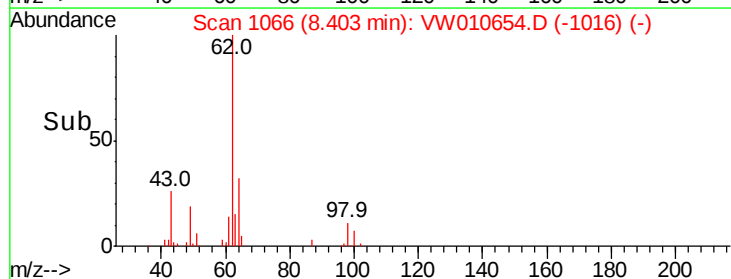


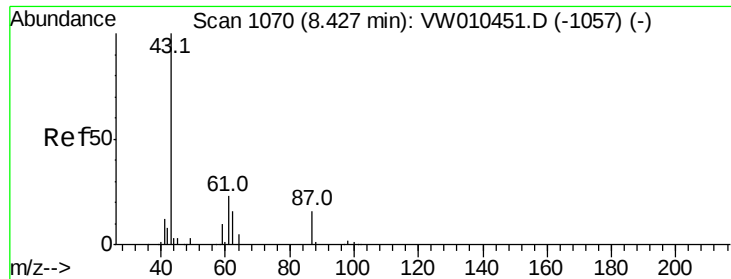
#42
1,2-Dichloroethane
Concen: 20.780 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	21.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 18.275 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

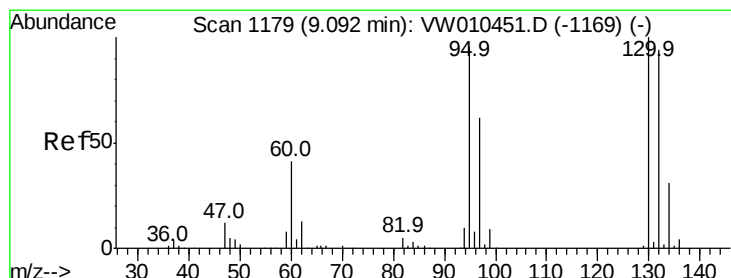
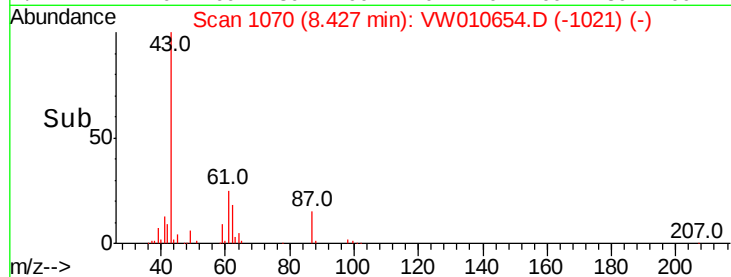
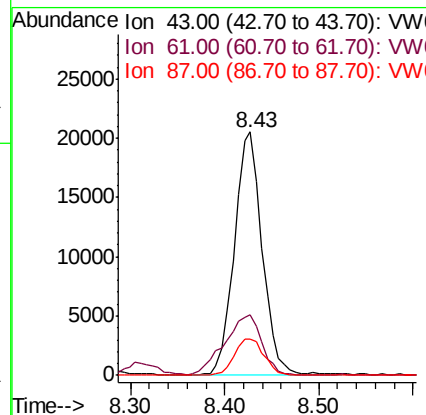
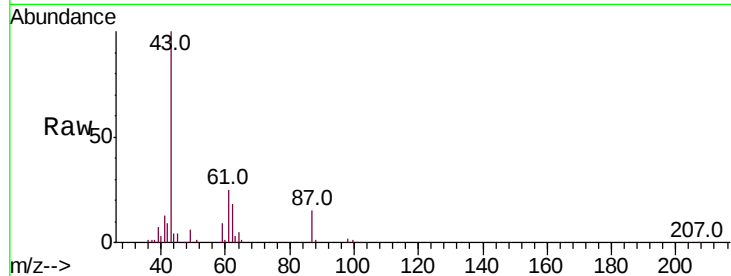
ClientSampleId :

VW0603SBS01

Tot Ion:	43	Resp:	42261
Ion	Ratio	Lower	Upper
43	100		
61	33.2	25.4	38.2
87	15.8	12.7	19.1

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#44

Trichloroethene

Concen: 22.401 ug/l

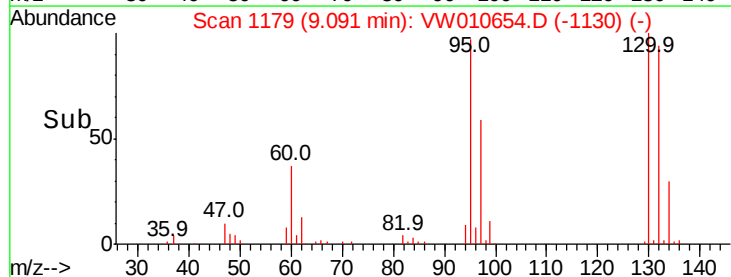
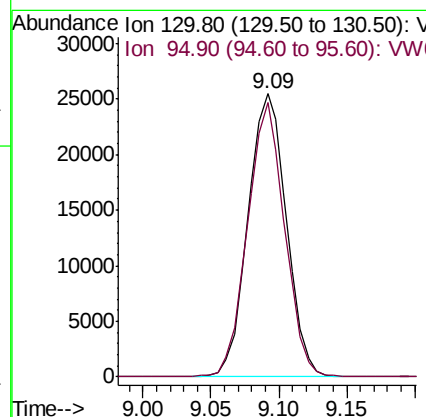
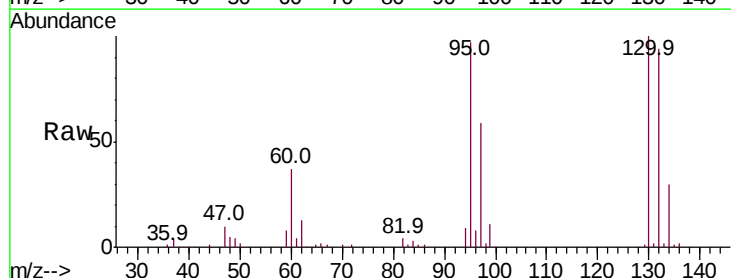
RT: 9.09 min Scan# 1179

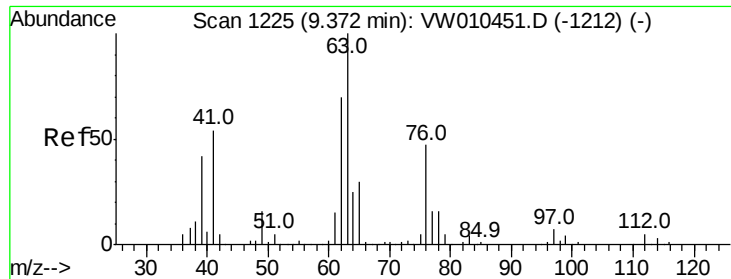
Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Tgt Ion:	130	Resp:	50315
Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	189.6





#45

1,2-Dichloropropane

Concen: 21.170 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.01 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampled :

VW0603SBS01

Tot Ion: 63 Resp: 38040

Ion Ratio Lower Upper

63 100

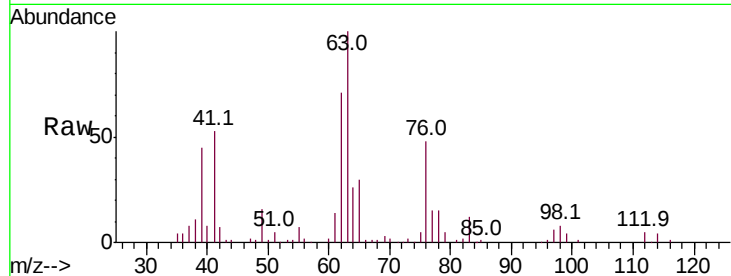
65 29.8 24.3 36.5

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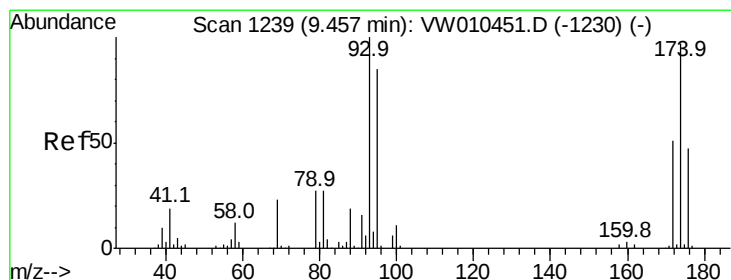
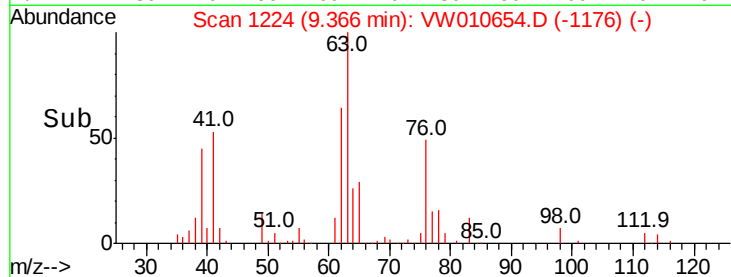
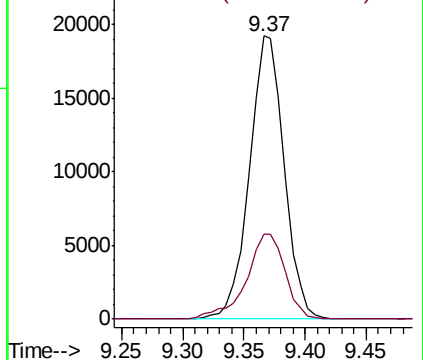
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 21.207 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

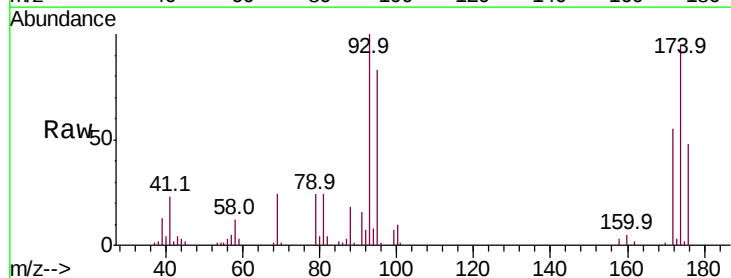
Tgt Ion: 93 Resp: 22285

Ion Ratio Lower Upper

93 100

95 82.0 66.1 99.1

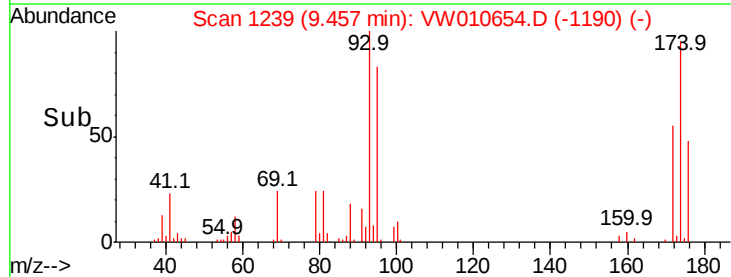
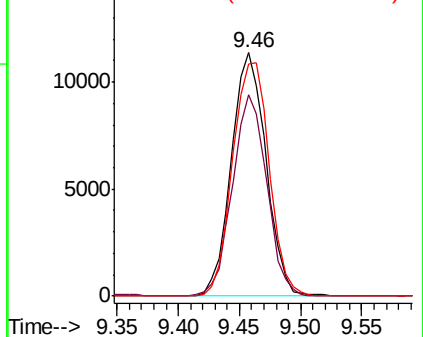
174 101.5 77.1 115.7

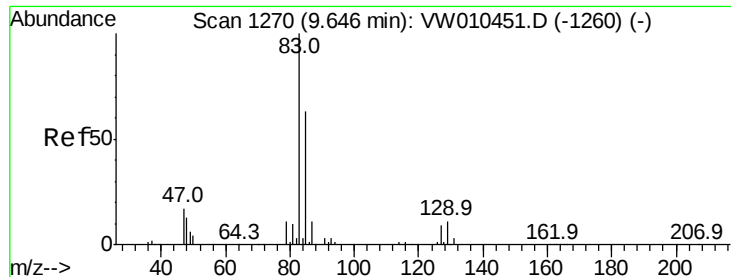


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





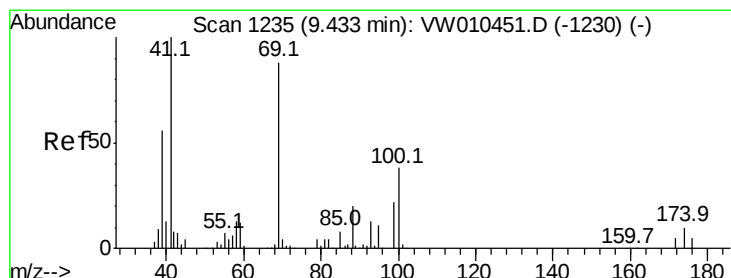
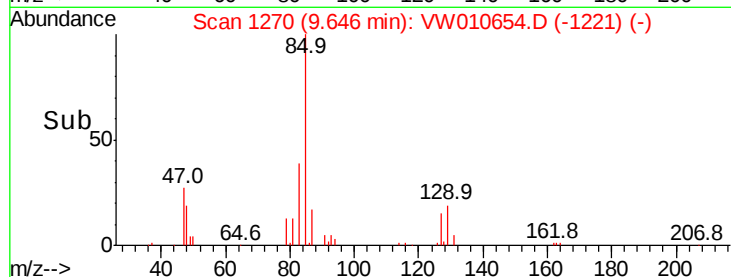
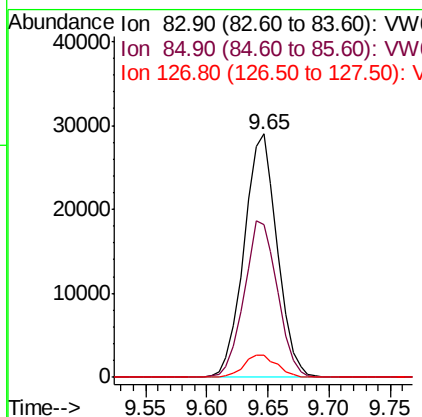
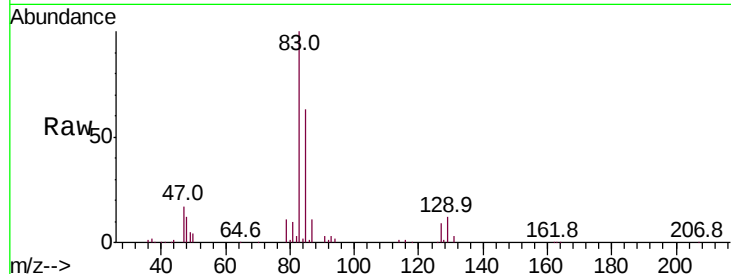
#47
 Bromodichloromethane
 Concen: 20.612 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0603SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	54431		
85	62.7		50.4	75.6
127	9.3		7.4	11.0

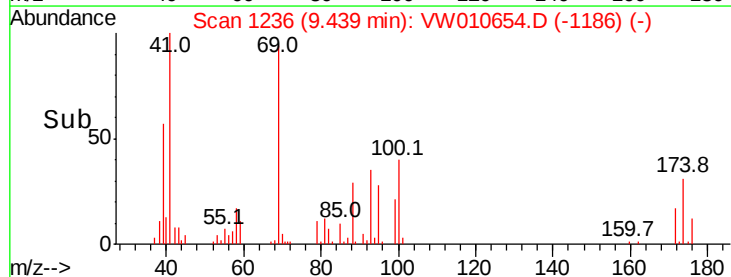
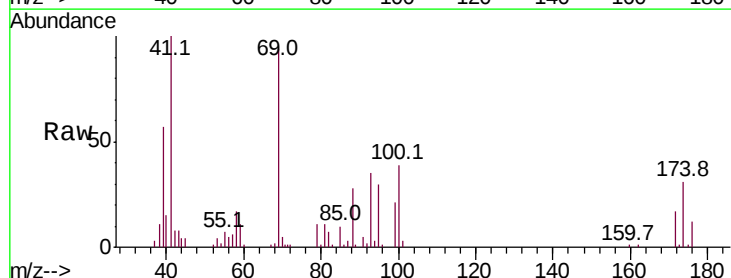
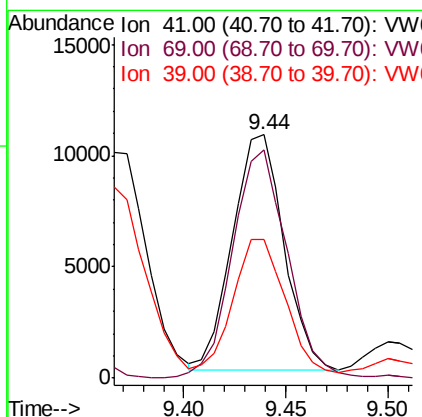
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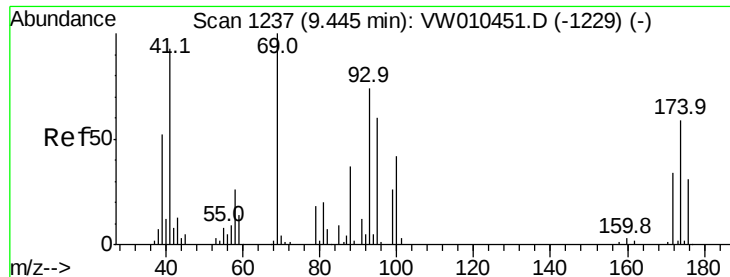
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#48
 Methyl methacrylate
 Concen: 17.410 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	18419		
69	104.9		77.6	116.4
39	63.2		49.8	74.8





#49

1,4-Dioxane

Concen: 372.947 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

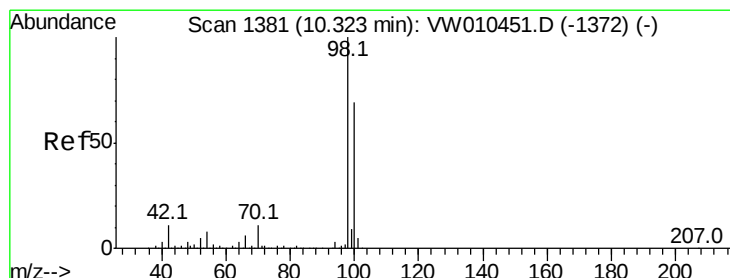
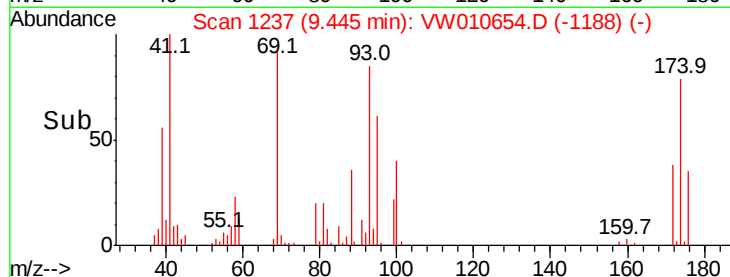
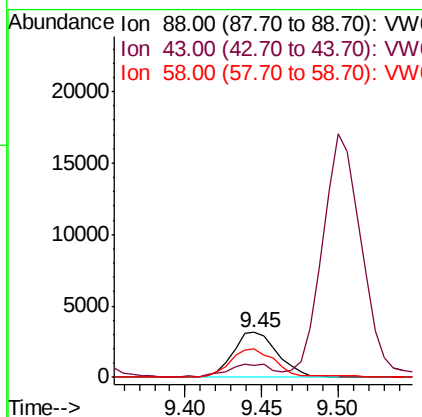
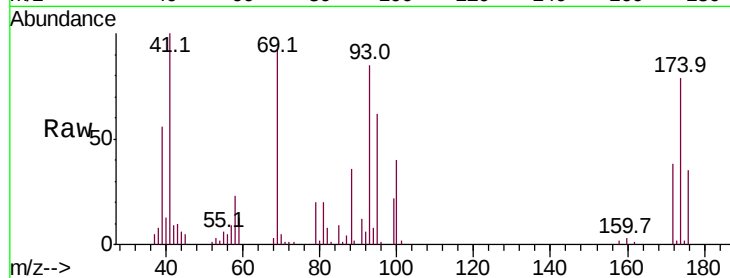
ClientSampleId :

VW0603SBS01

Tot Ion:	88	Resp:	6402
Ion	Ratio	Lower	Upper
88	100		
43	31.3	25.9	38.9
58	64.5	52.7	79.1

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#50

Toluene-d8

Concen: 48.527 ug/l

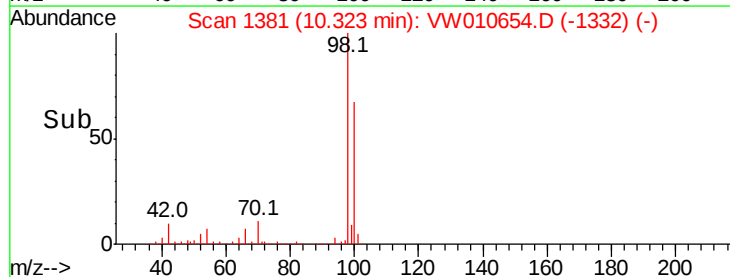
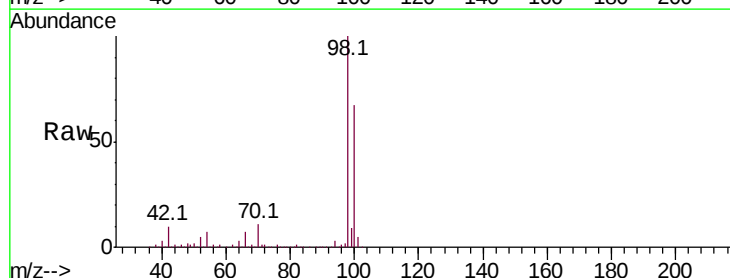
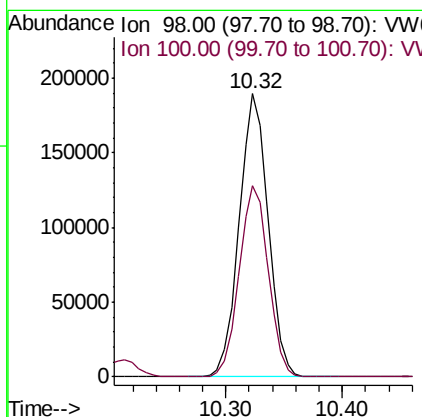
RT: 10.32 min Scan# 1381

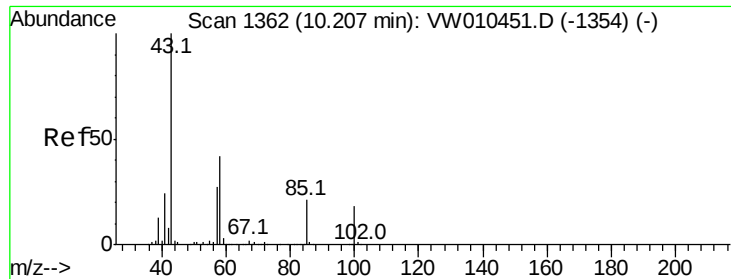
Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Tgt Ion:	98	Resp:	328692
Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 88.970 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampled :

VW0603SBS01

Tot Ion: 43 Resp: 104255

Ion Ratio Lower Upper

43 100

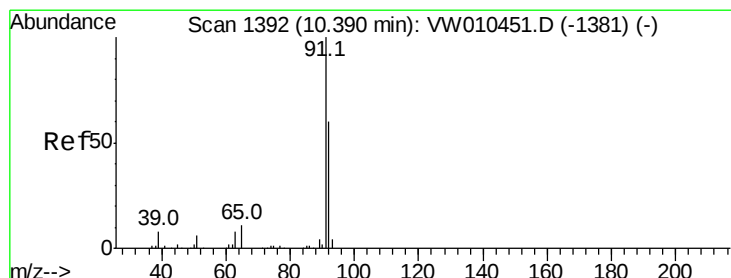
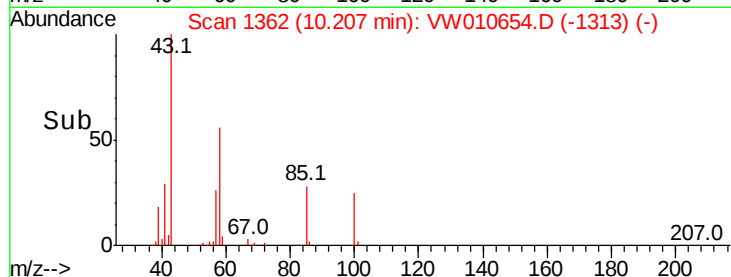
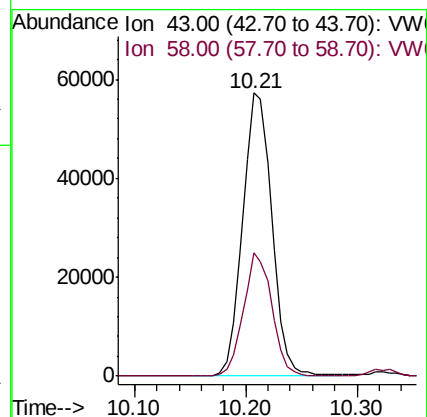
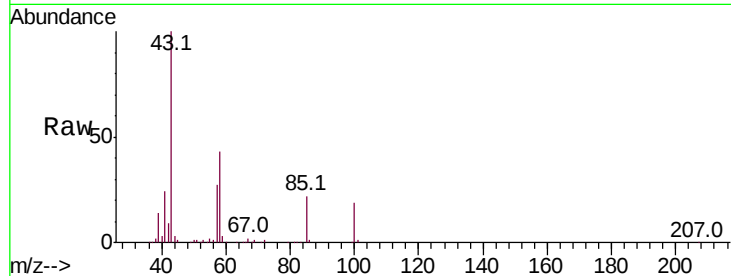
58 42.5 33.2 49.8

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#52

Toluene

Concen: 22.047 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010654.D

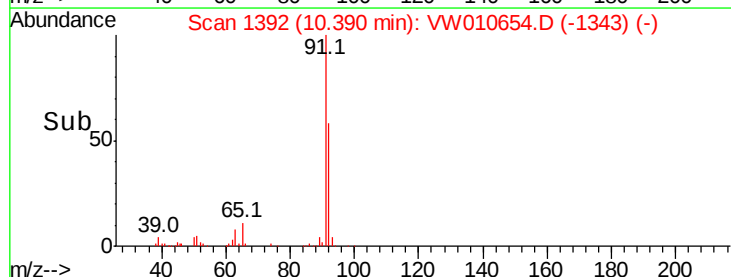
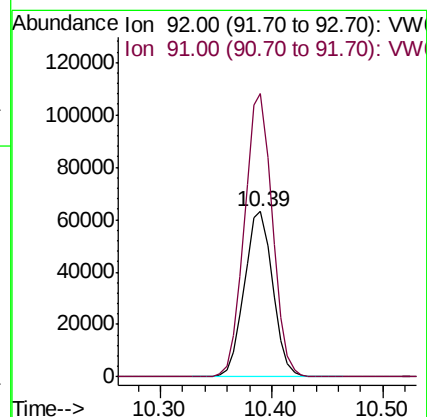
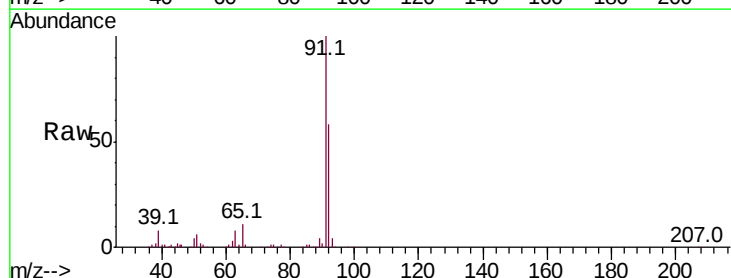
Acq: 03 Jun 2019 12:48

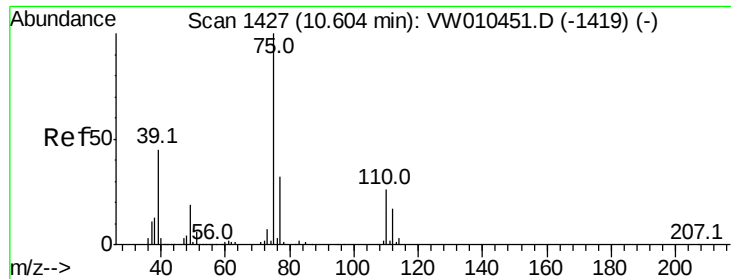
Tgt Ion: 92 Resp: 112020

Ion Ratio Lower Upper

92 100

91 167.8 135.4 203.0





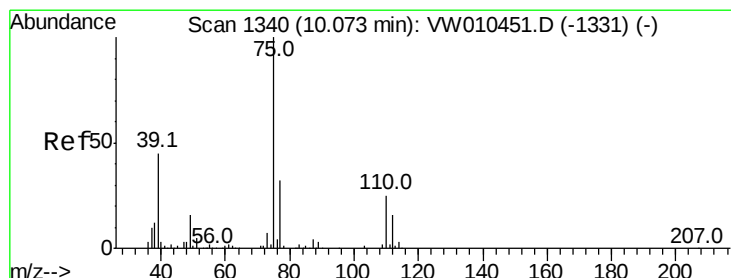
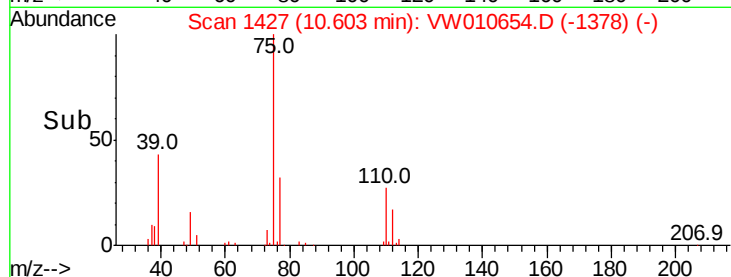
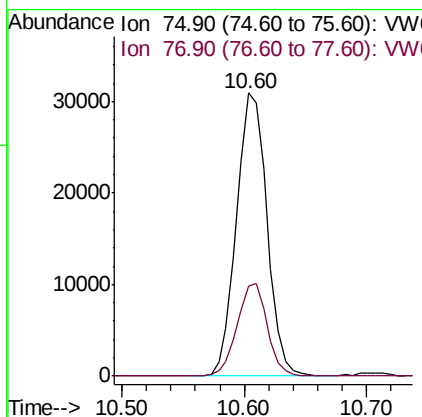
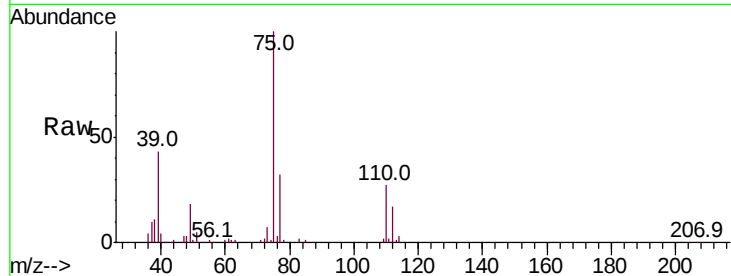
#53
 t-1,3-Dichloropropene
 Concen: 19.998 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0603SBS01

Tot Ion: 75 Resp: 53484
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

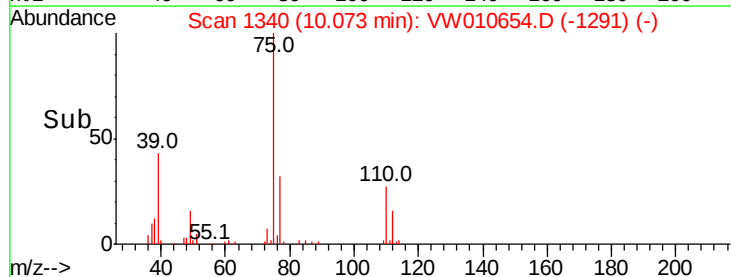
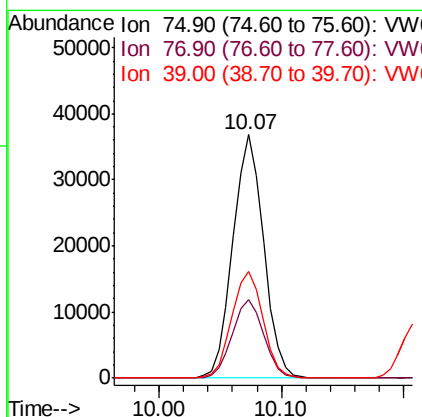
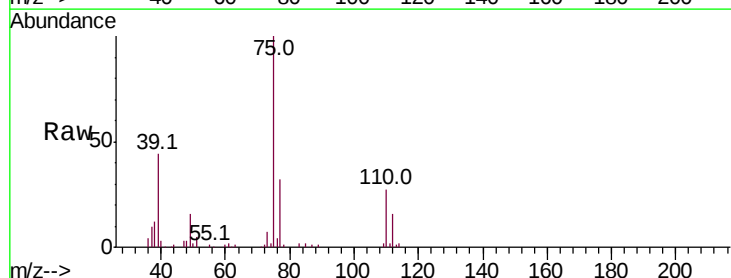
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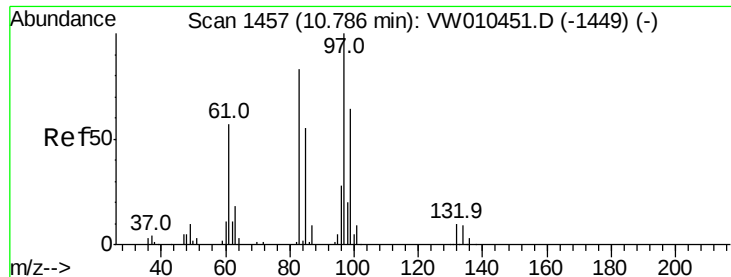
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#54
 cis-1,3-Dichloropropene
 Concen: 20.954 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Tgt Ion: 75 Resp: 64001
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5
 39 43.6 36.2 54.4





#55

1,1,2-Trichloroethane

Concen: 21.023 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0603SBS01

Tot Ion: 97 Resp: 31768

Ion Ratio Lower Upper

97 100

83 79.7 66.1 99.1

85 54.6 44.2 66.4

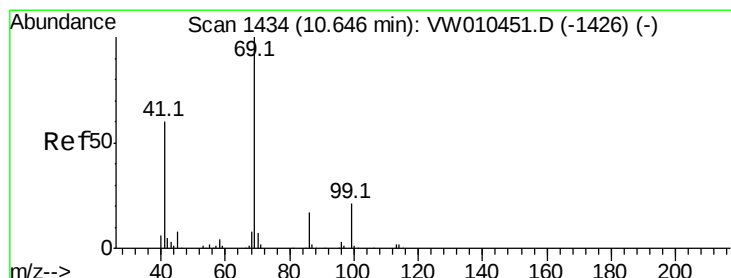
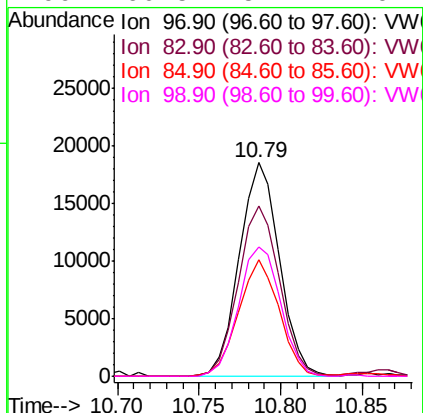
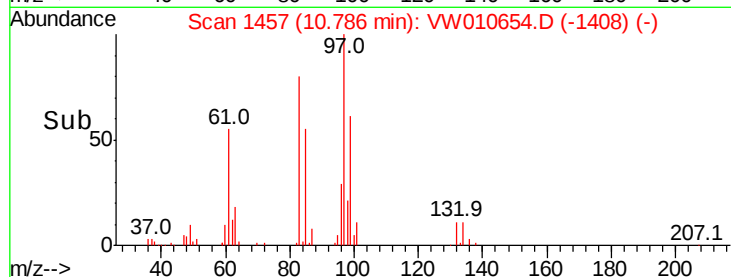
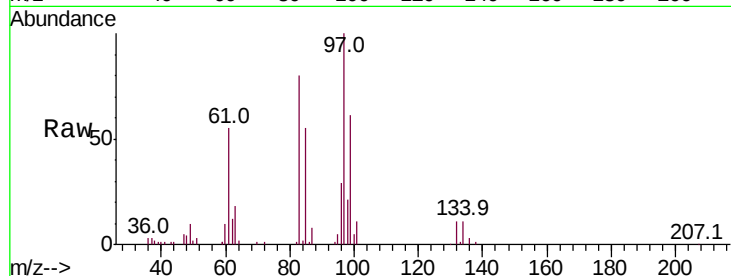
99 60.5 51.1 76.7

Manual Integrations

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6/4/2019 12:12:47 PM



#56

Ethyl methacrylate

Concen: 18.332 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

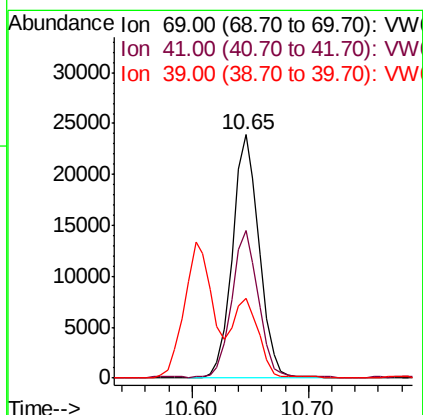
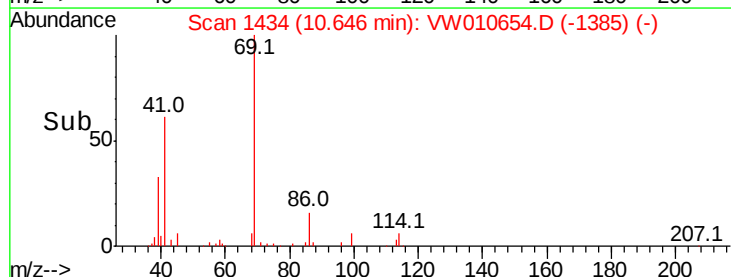
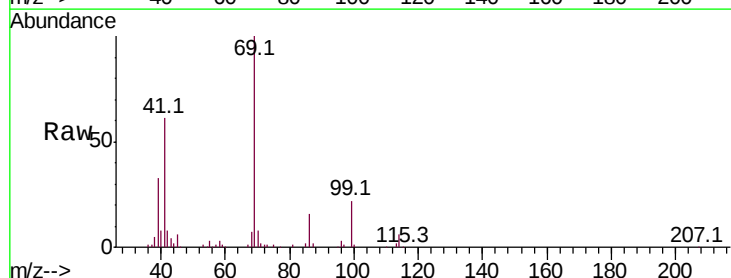
Tgt Ion: 69 Resp: 38205

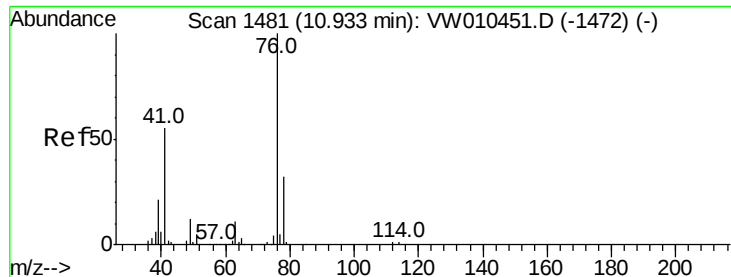
Ion Ratio Lower Upper

69 100

41 59.9 47.7 71.5

39 32.0 25.3 37.9





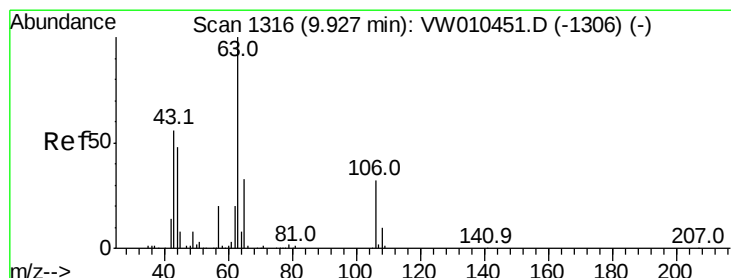
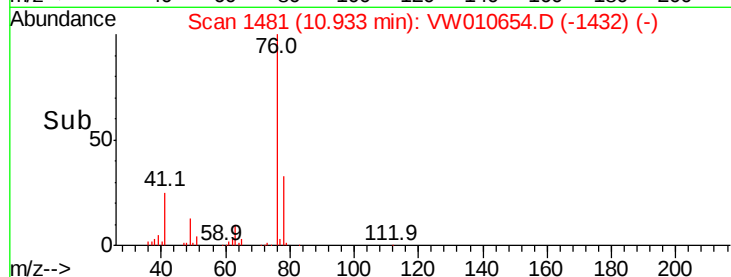
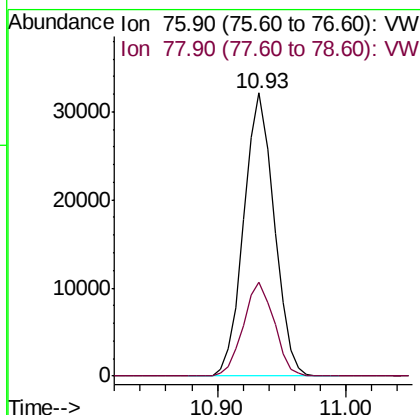
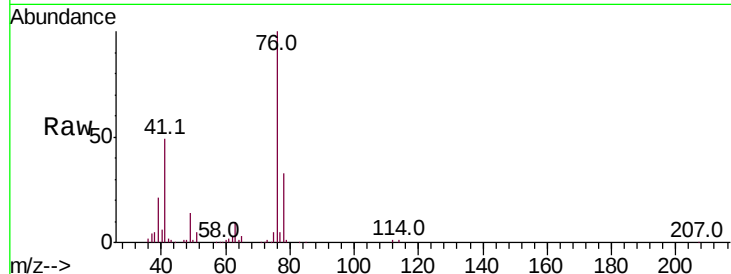
#57
 1,3-Dichloropropane
 Concen: 20.709 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0603SBS01

Tot Ion: 76 Resp: 52420
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.2 39.2

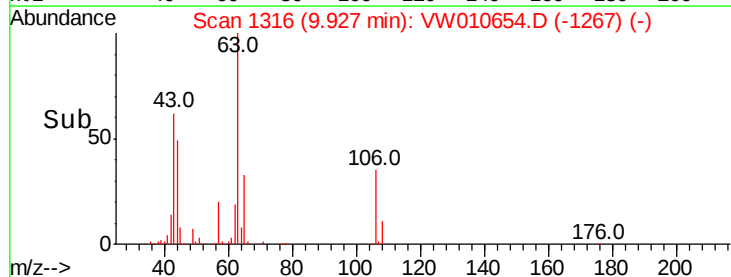
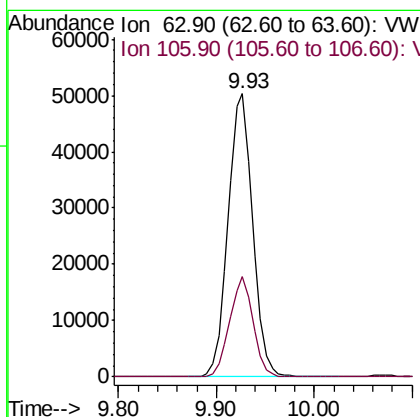
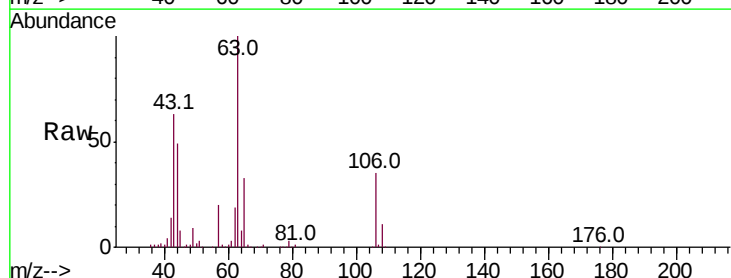
Manual Integrations
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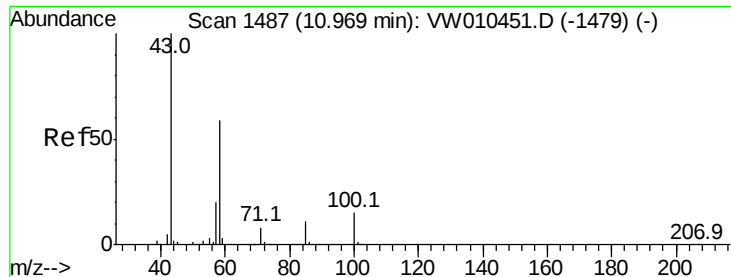
MMDadoda
 6/4/2019 12:12:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.698 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Tgt Ion: 63 Resp: 87415
 Ion Ratio Lower Upper
 63 100
 106 33.8 25.8 38.6





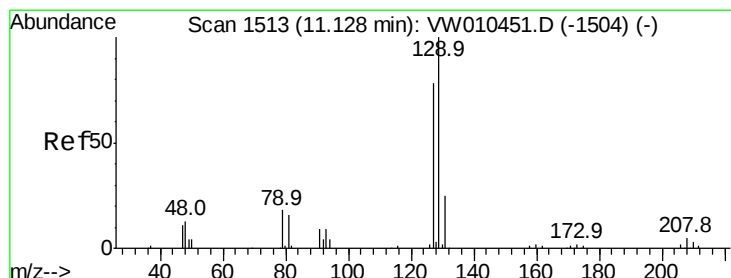
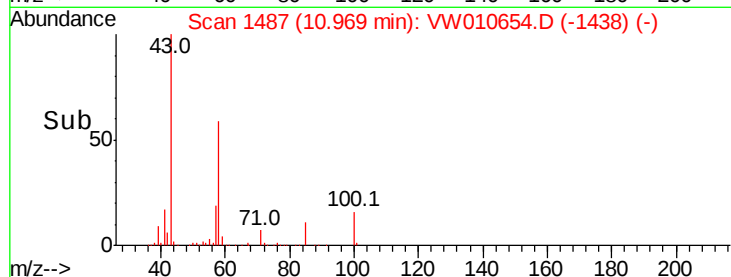
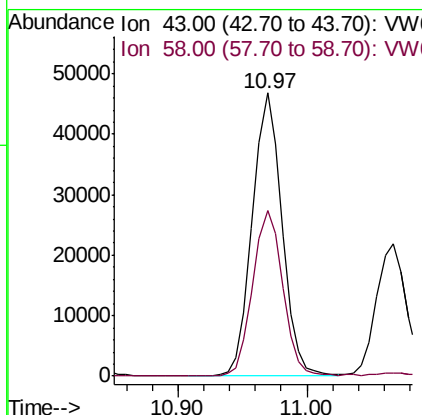
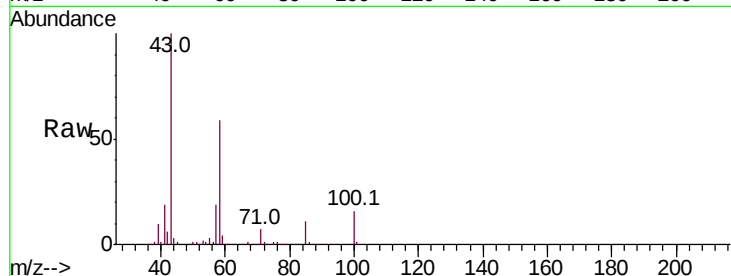
#59
2-Hexanone
Concen: 89.273 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion: 43 Resp: 74623
Ion Ratio Lower Upper
43 100
58 59.6 28.9 86.8

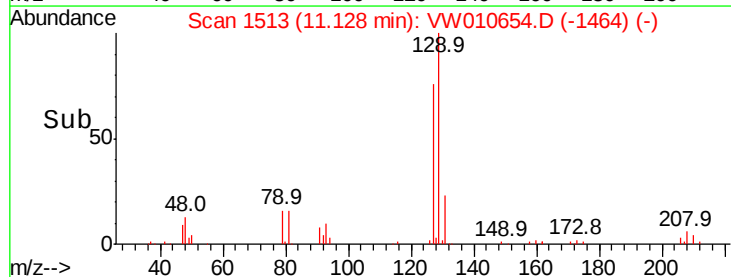
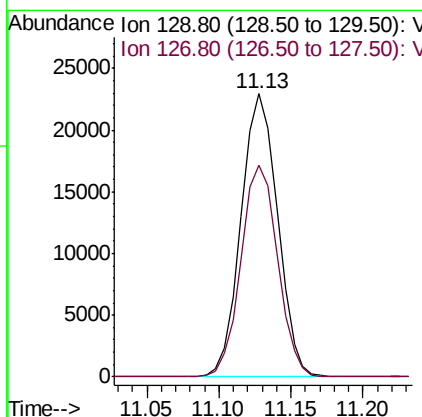
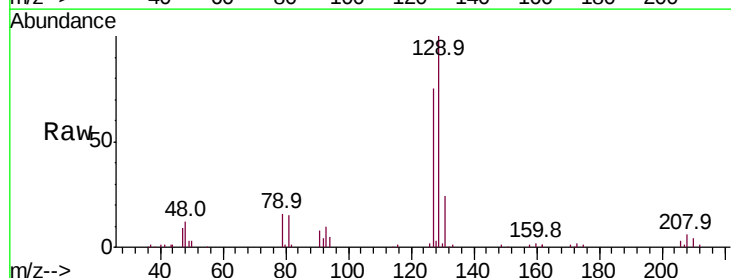
Manual Integrations
APPROVED

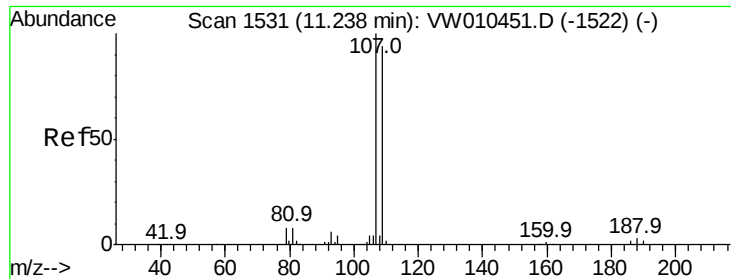
MMDadoda
6/4/2019 12:12:47 PM



#60
Dibromochloromethane
Concen: 21.135 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion: 129 Resp: 40420
Ion Ratio Lower Upper
129 100
127 75.0 38.9 116.7





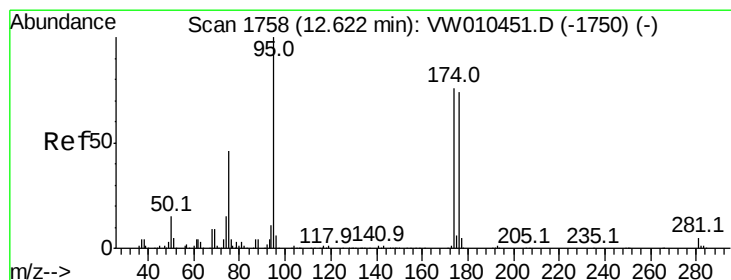
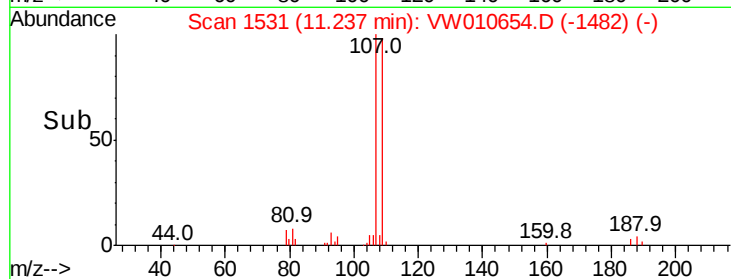
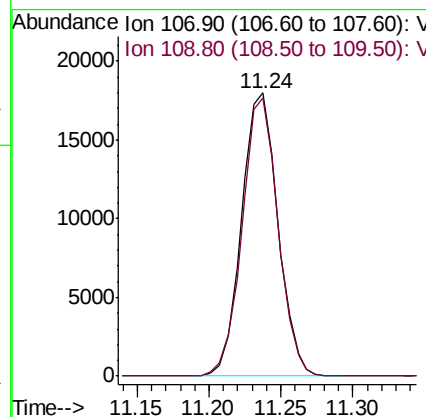
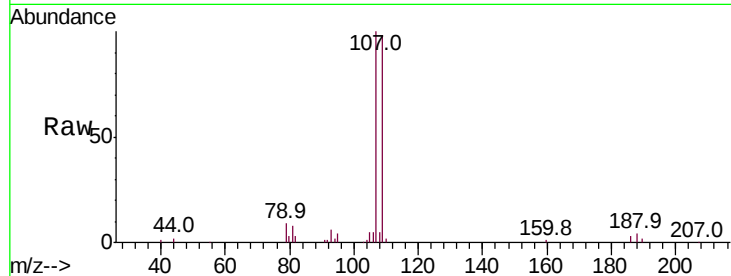
#61
 1,2-Dibromoethane
 Concen: 20.559 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0603SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.5	75.0	112.4

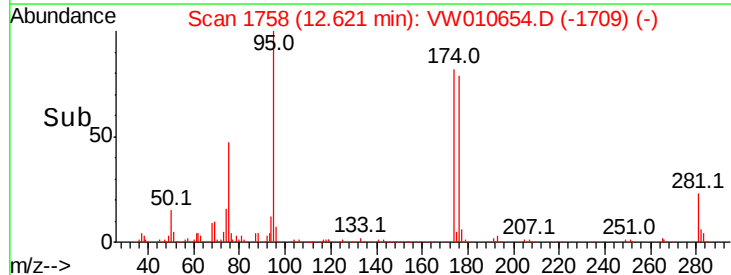
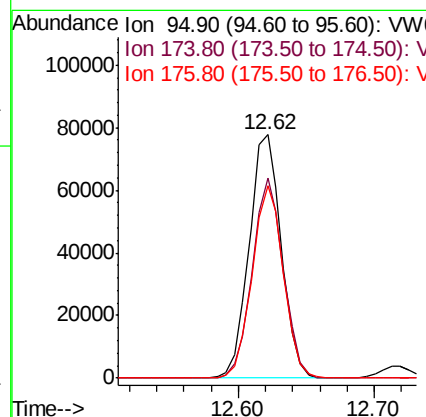
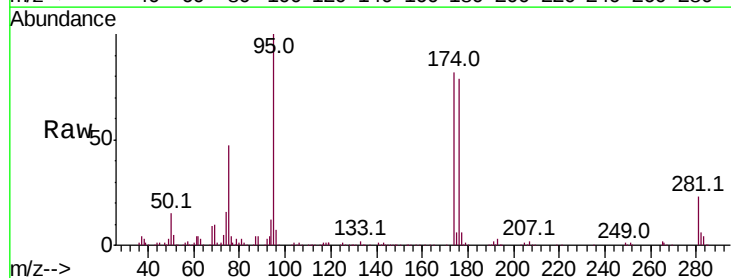
Manual Integrations
 APPROVED

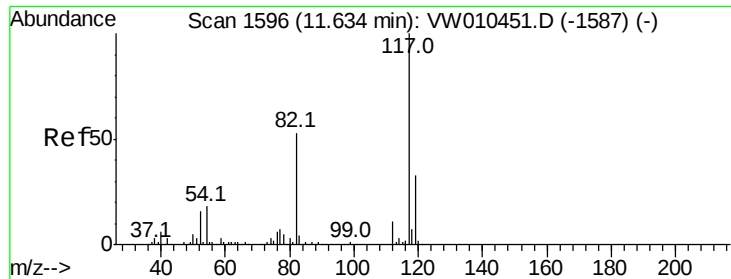
MMDadoda
 6/4/2019 12:12:47 PM



#62
 4-Bromofluorobenzene
 Concen: 47.579 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.1	0.0	148.6
176	77.1	0.0	144.2





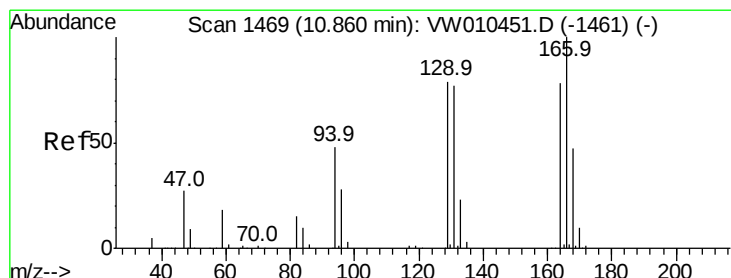
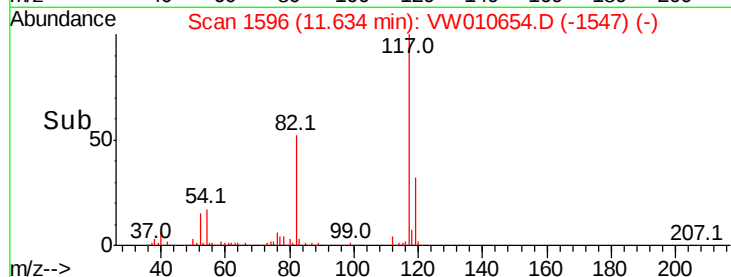
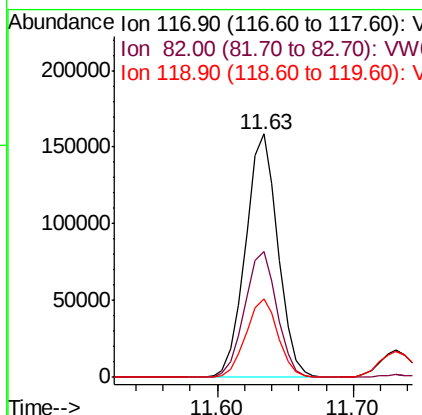
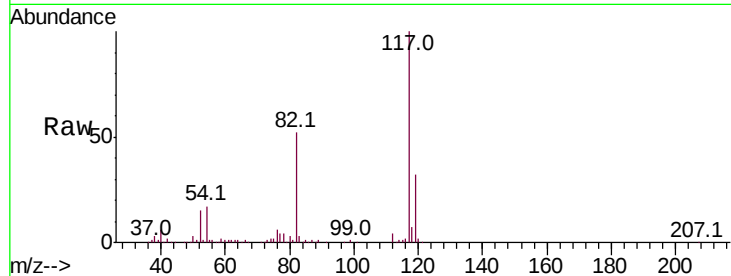
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.8	64.2
119	32.1	26.3	39.5

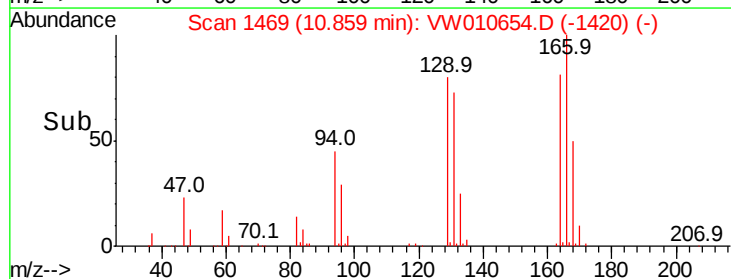
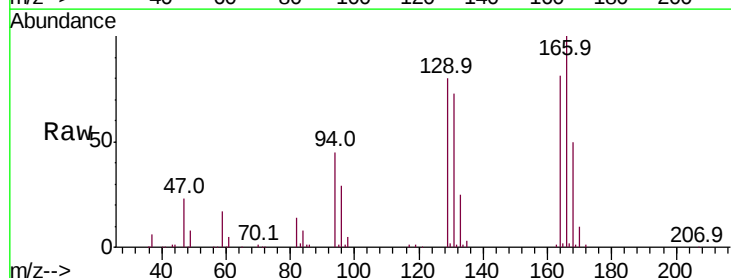
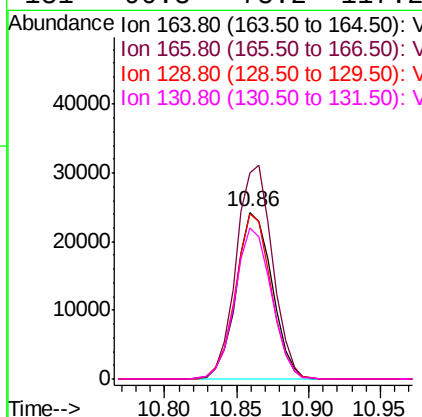
Manual Integrations
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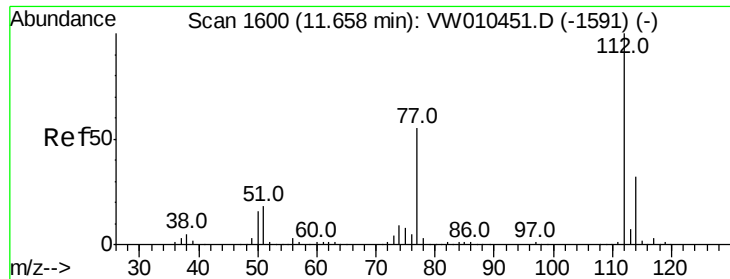
MMDadoda
6/4/2019 12:12:47 PM



#64
Tetrachloroethene
Concen: 22.851 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	101.9	152.9
129	99.1	80.6	121.0
131	90.8	78.2	117.2





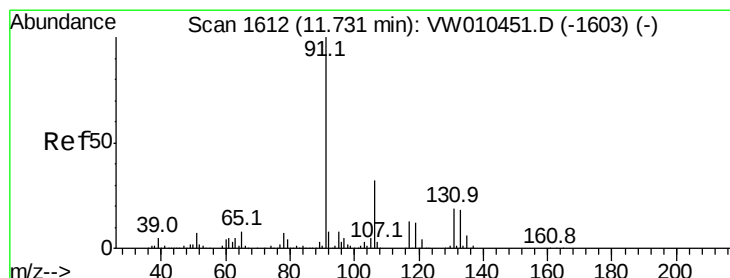
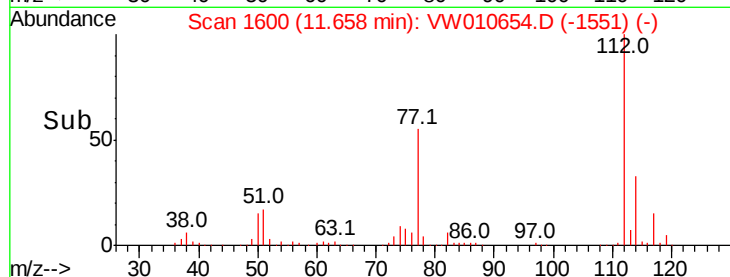
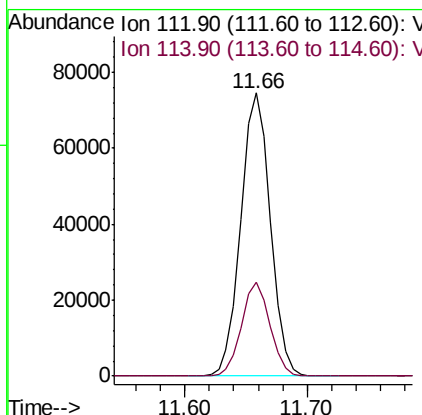
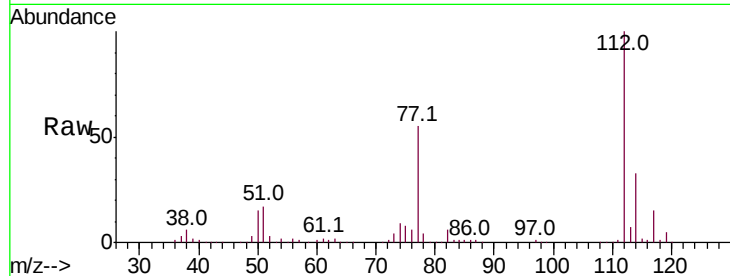
#65
Chlorobenzene
Concen: 22.239 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion:112 Resp: 124894
Ion Ratio Lower Upper
112 100
114 33.3 25.3 37.9

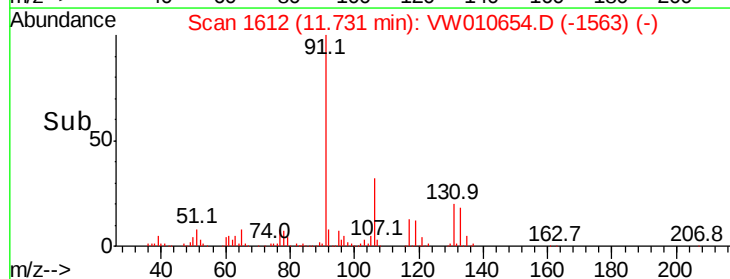
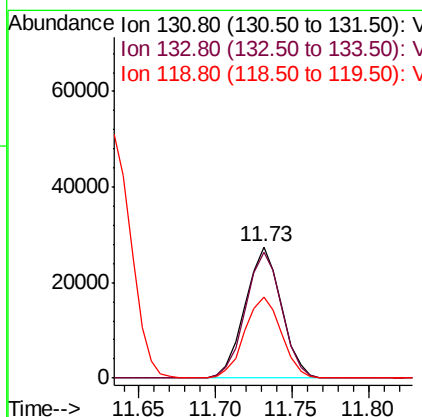
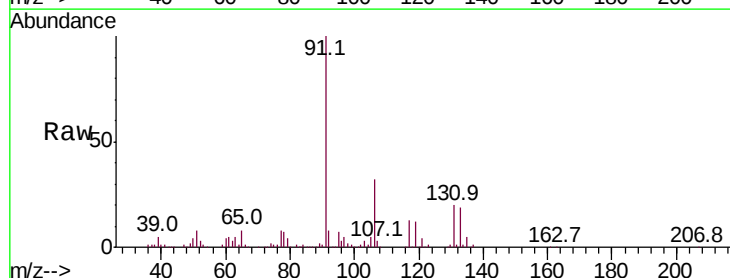
Manual Integrations
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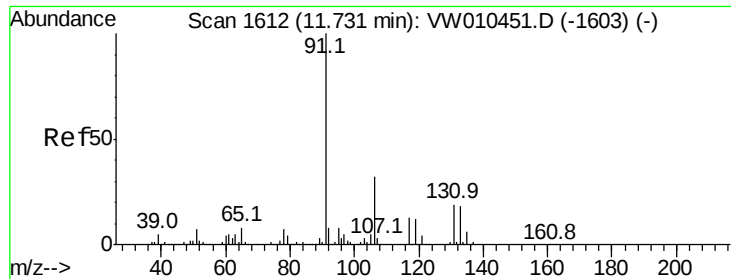
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 22.449 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion:131 Resp: 45161
Ion Ratio Lower Upper
131 100
133 96.3 47.3 141.9
119 63.1 32.1 96.5





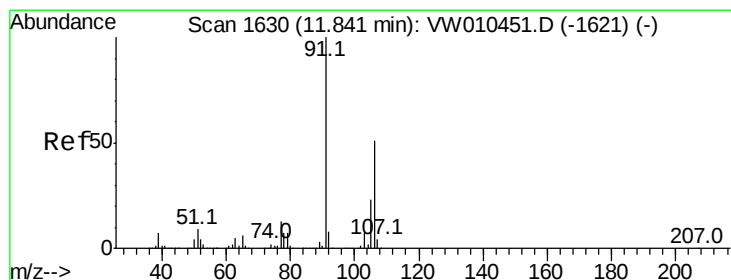
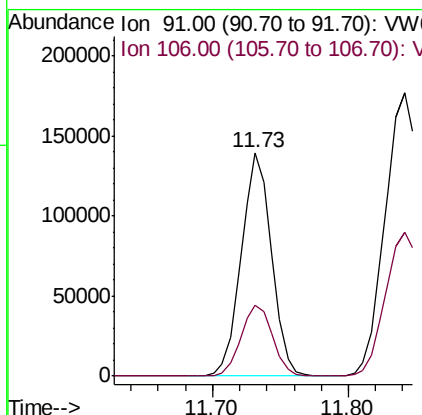
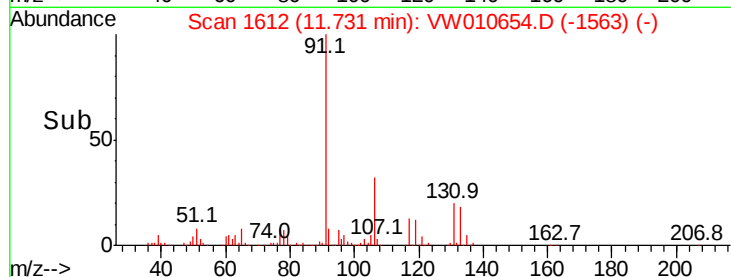
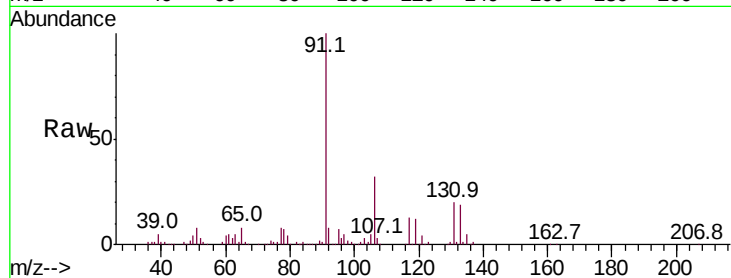
#67
Ethyl Benzene
Concen: 21.838 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion: 91 Resp: 216521
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9

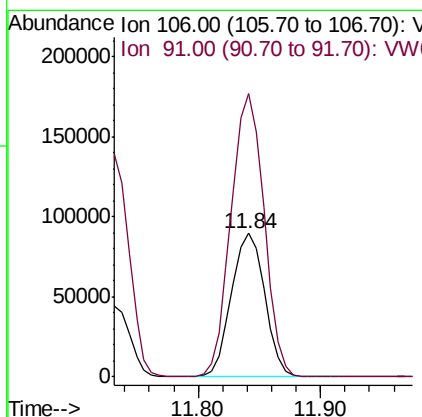
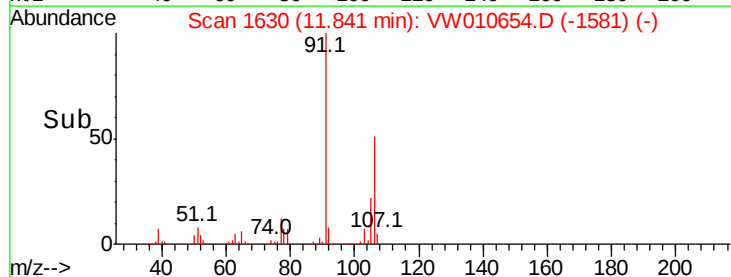
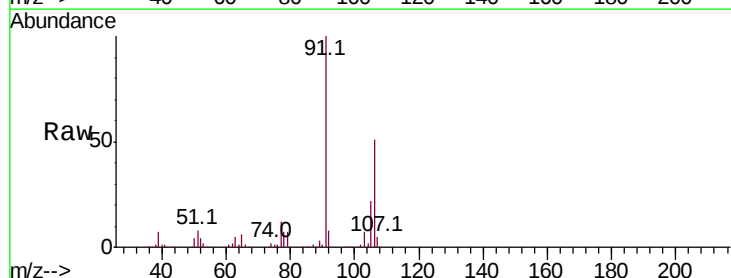
Manual Integrations
APPROVED

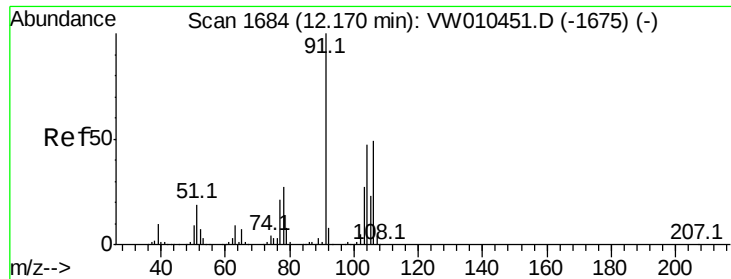
MMDadoda
6/4/2019 12:12:47 PM



#68
m/p-Xylenes
Concen: 43.667 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion: 106 Resp: 169823
Ion Ratio Lower Upper
106 100
91 195.4 156.0 234.0





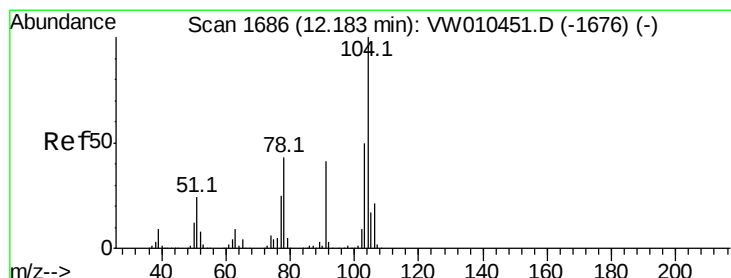
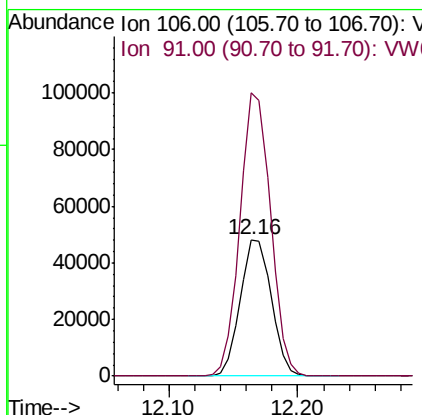
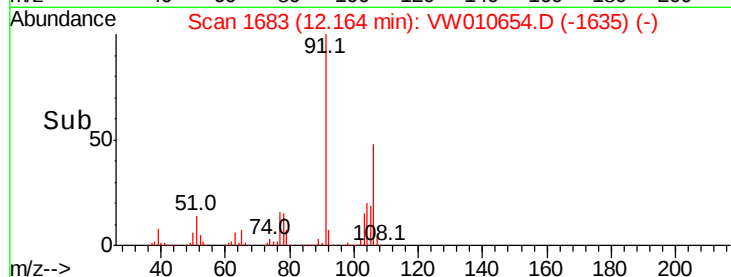
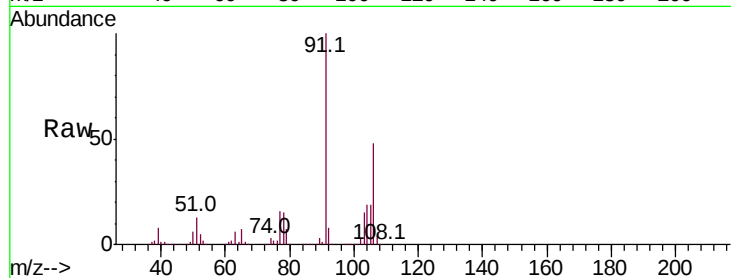
#69
o-Xylene
Concen: 21.914 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampled :
VW0603SBS01

Tot Ion:106 Resp: 80744
Ion Ratio Lower Upper
106 100
91 203.7 103.2 309.4

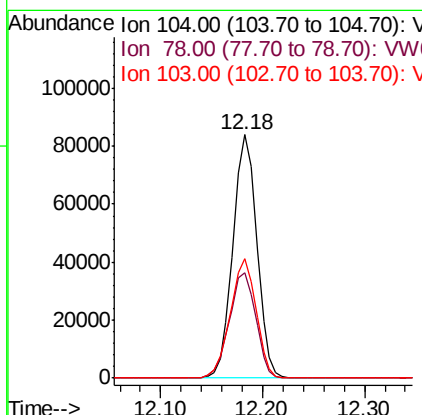
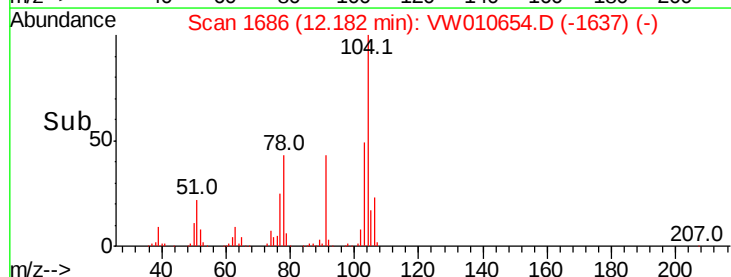
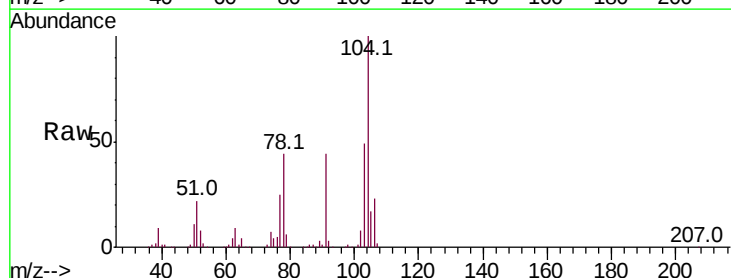
Manual Integrations
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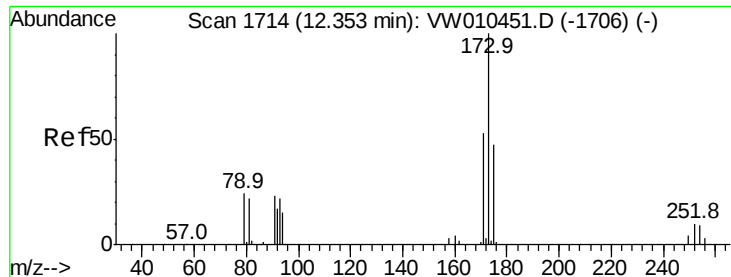
MMDadoda
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#70
Styrene
Concen: 21.731 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion:104 Resp: 135855
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 52.9 43.0 64.6





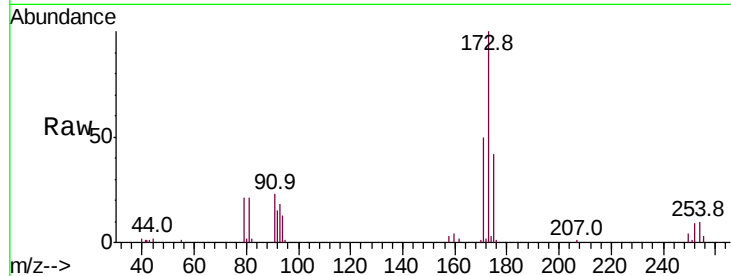
#71
Bromoform
Concen: 19.573 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

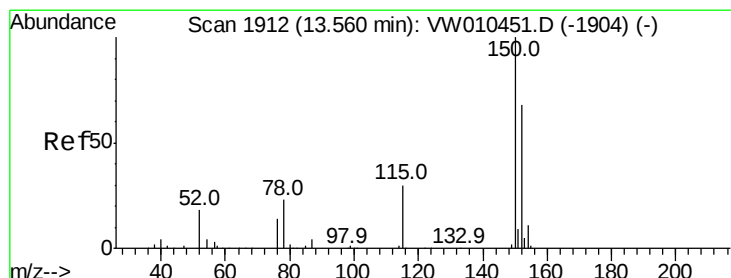
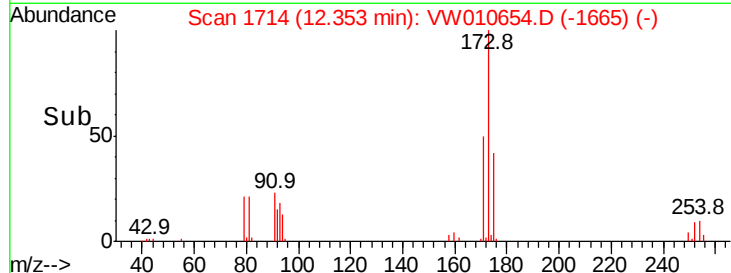
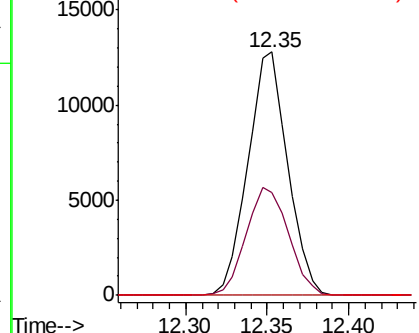
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	24.4	73.4
254	0.0	0.0	0.0

Manual Integrations
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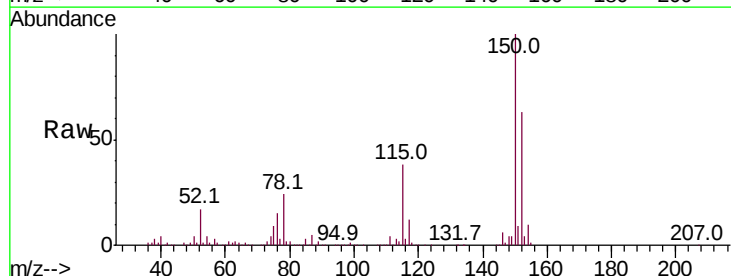


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

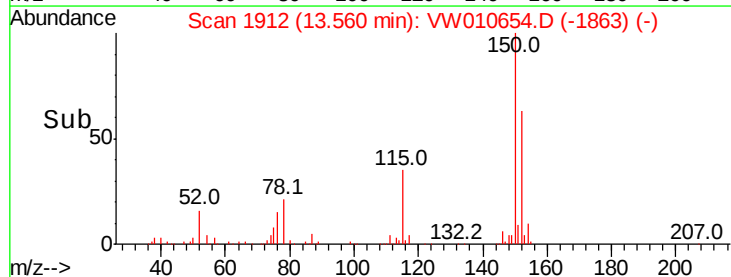
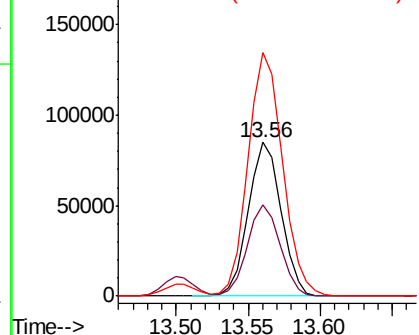


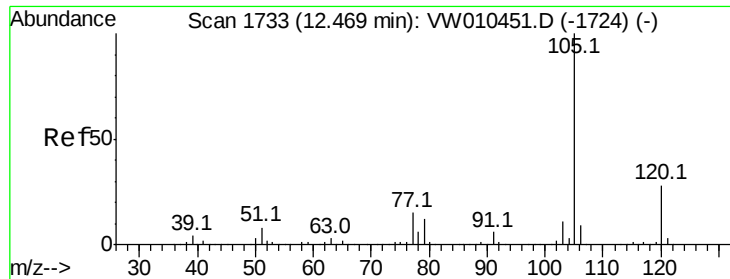
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.3	91.0
150	166.8	0.0	349.8



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





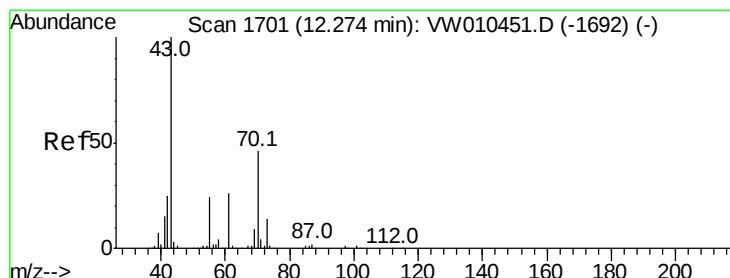
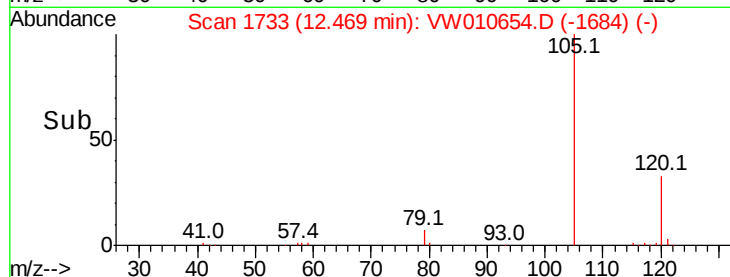
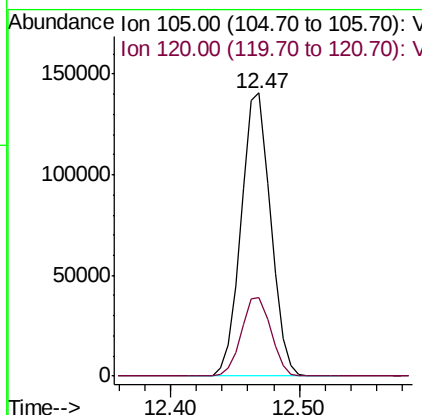
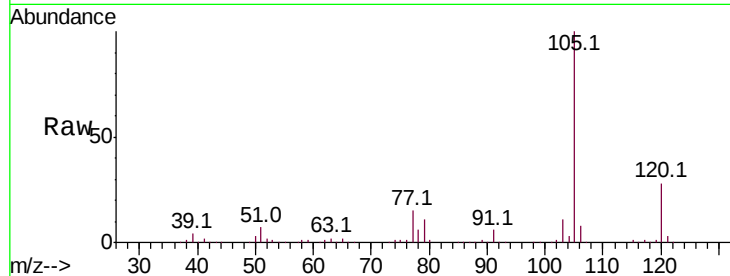
#73
Isopropylbenzene
Concen: 20.926 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion: 105 Resp: 222177
Ion Ratio Lower Upper
105 100
120 28.0 13.9 41.7

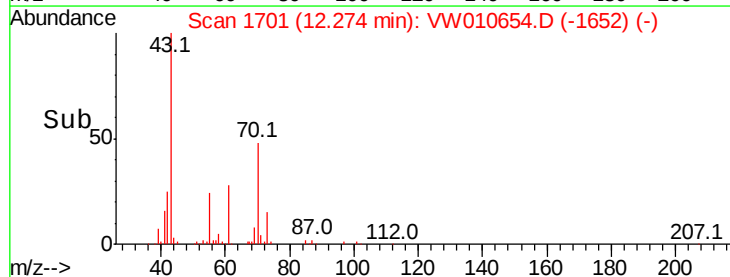
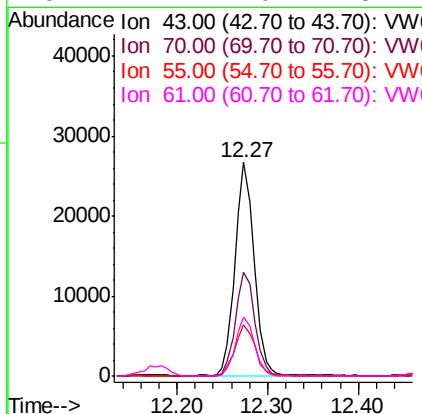
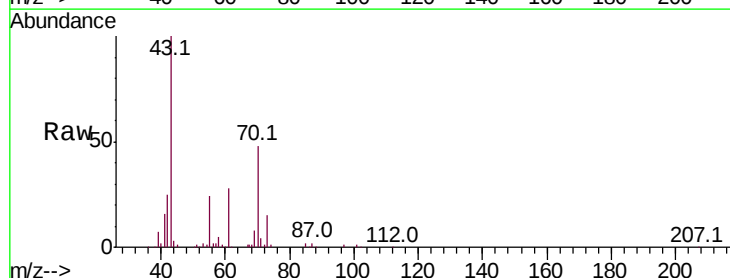
Manual Integrations
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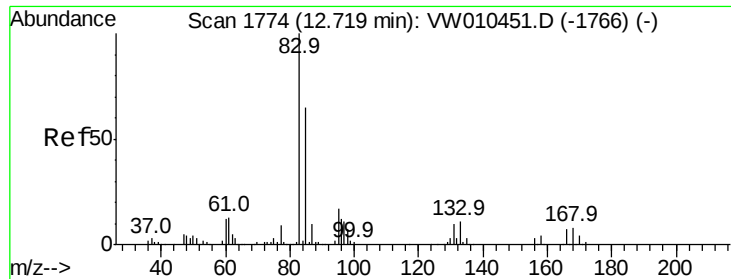
MMDadoda
6/4/2019 12:12:47 PM



#74
N-ethyl acetate
Concen: 16.312 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion: 43 Resp: 39687
Ion Ratio Lower Upper
43 100
70 48.7 37.1 55.7
55 25.0 19.6 29.4
61 27.4 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 18.018 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0603SBS01

Tot Ion: 83 Resp: 34796

Ion Ratio Lower Upper

83 100

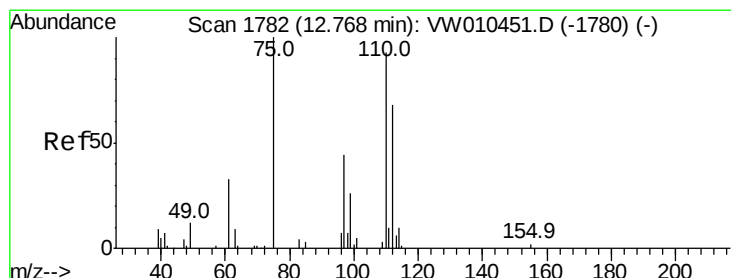
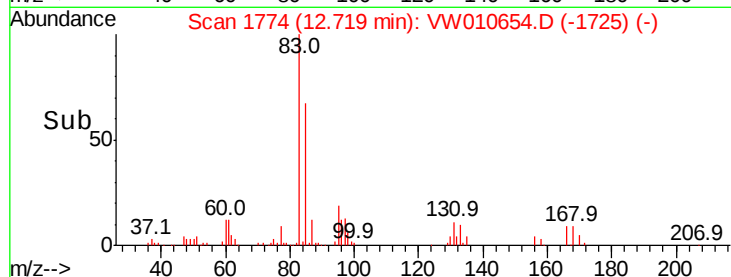
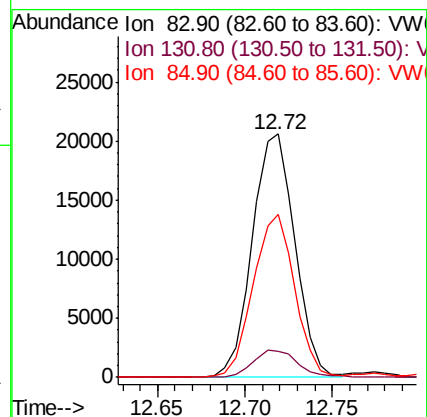
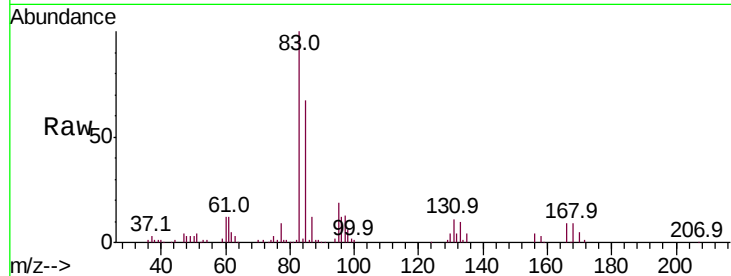
131 11.7 5.6 16.8

85 65.2 32.4 97.0

Manual Integrations
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6/4/2019 12:12:47 PM



#76

1,2,3-Trichloropropane

Concen: 14.514 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW010654.D

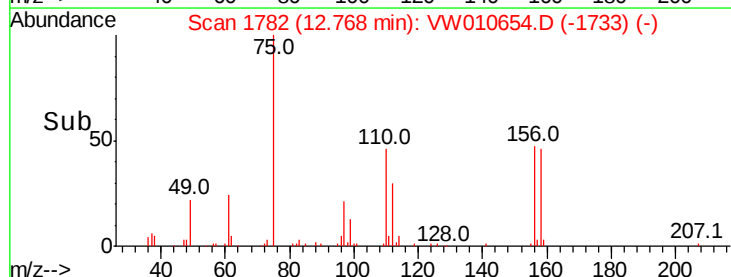
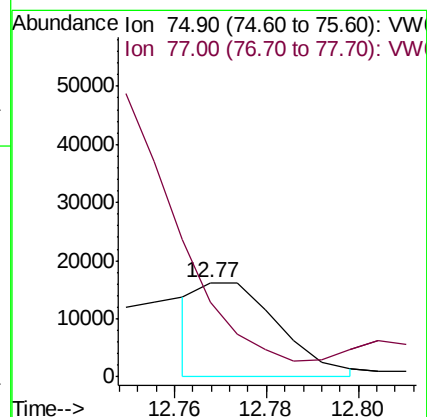
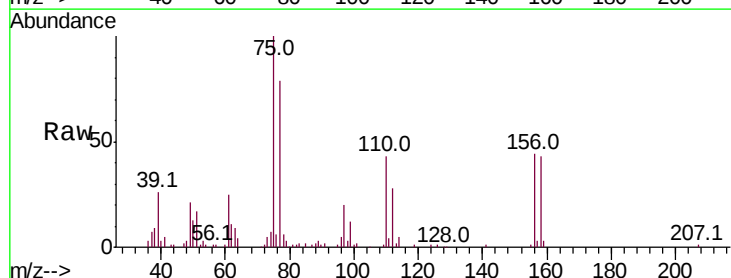
Acq: 03 Jun 2019 12:48

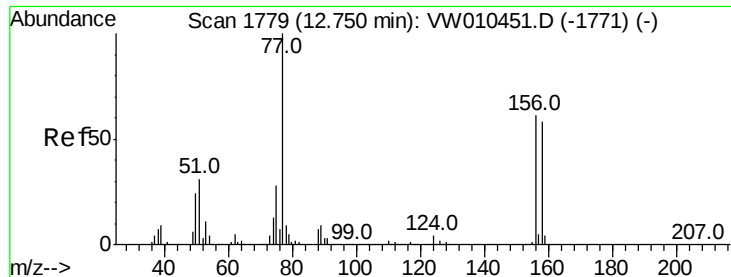
Tgt Ion: 75 Resp: 19712

Ion Ratio Lower Upper

75 100

77 452.5 170.0 510.1





#77

Bromobenzene

Concen: 22.216 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampleId :

VW0603SBS01

Tot Ion:156 Resp: 52783

Ion Ratio Lower Upper

156 100

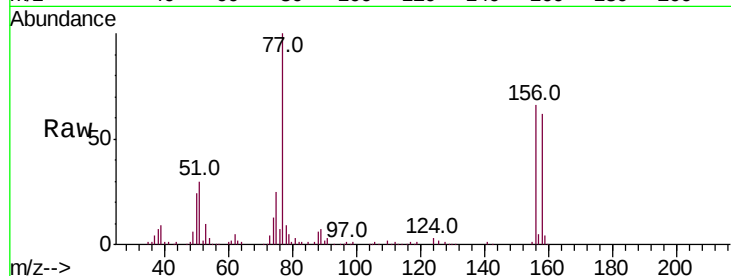
77 169.0 92.4 277.2

158 97.4 48.3 144.8

Manual Integrations
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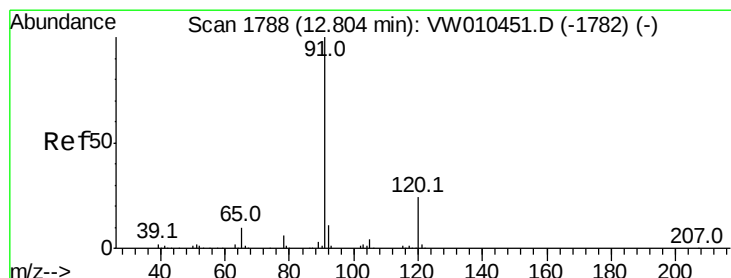
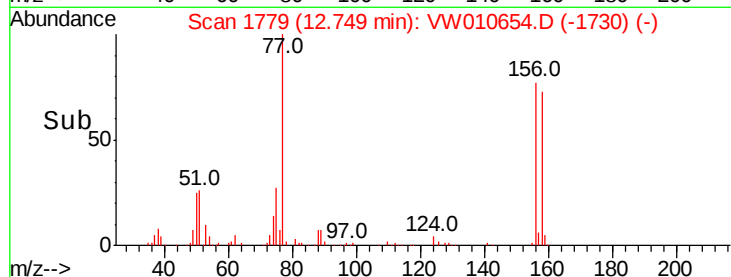
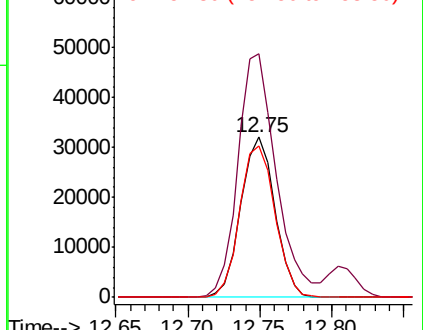
6/4/2019 12:12:47 PM



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: 20.378 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW010654.D

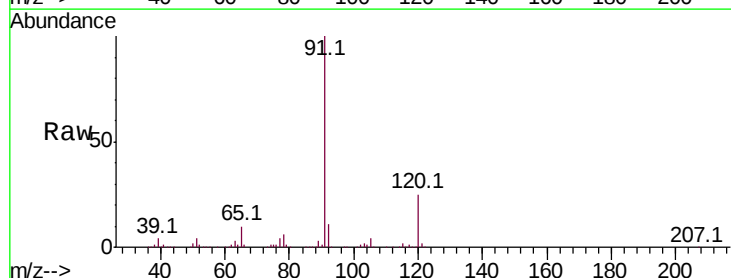
Acq: 03 Jun 2019 12:48

Tgt Ion: 91 Resp: 252137

Ion Ratio Lower Upper

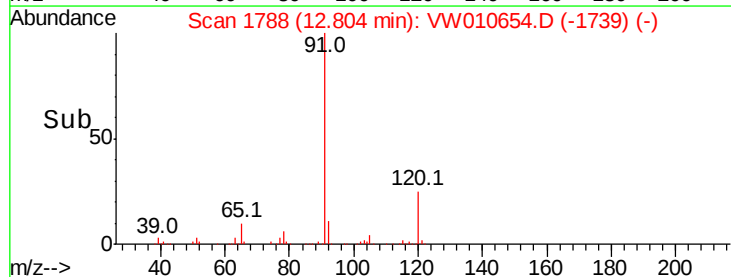
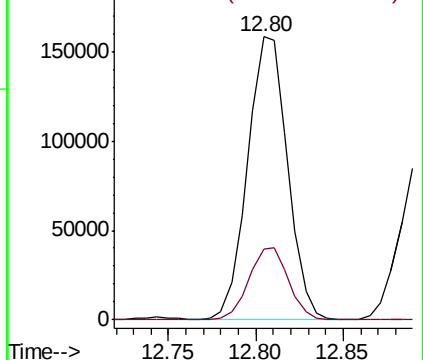
91 100

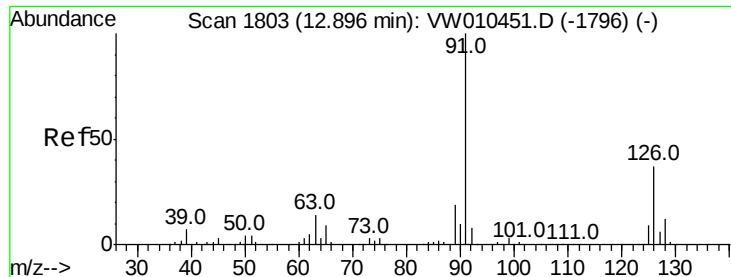
120 25.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.477 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

ClientSampled :

VW0603SBS01

Tot Ion: 91 Resp: 146932

Ion Ratio Lower Upper

91 100

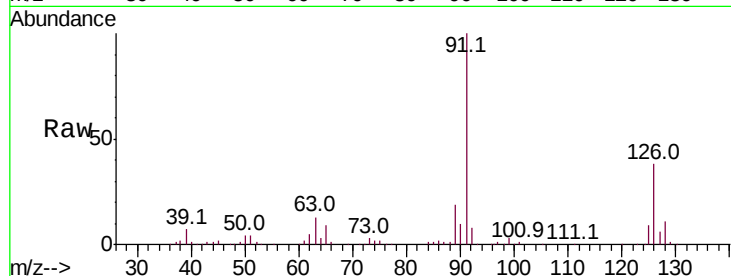
126 36.3 17.4 52.3

Manual Integrations

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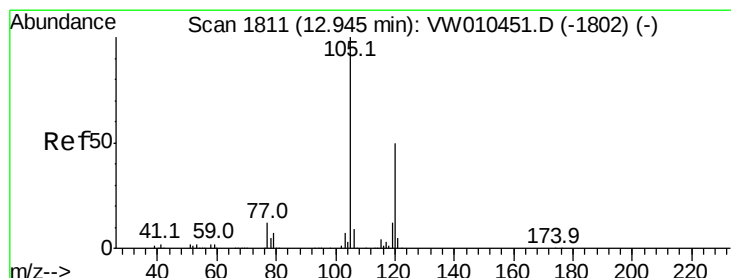
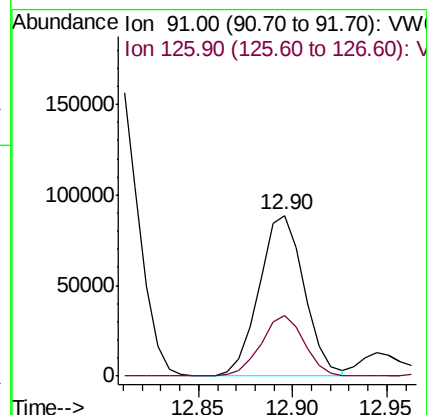
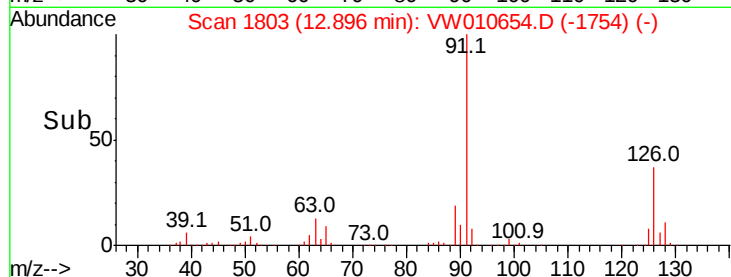
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6/4/2019 12:12:47 PM



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: 20.758 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010654.D

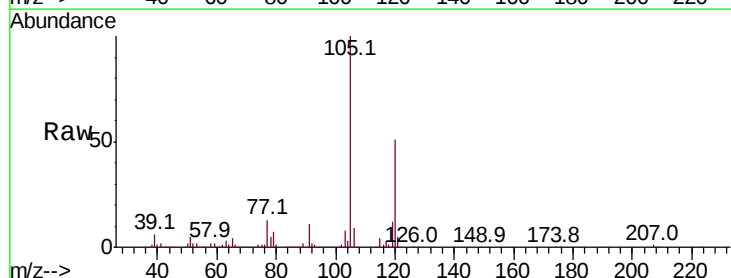
Acq: 03 Jun 2019 12:48

Tgt Ion:105 Resp: 186660

Ion Ratio Lower Upper

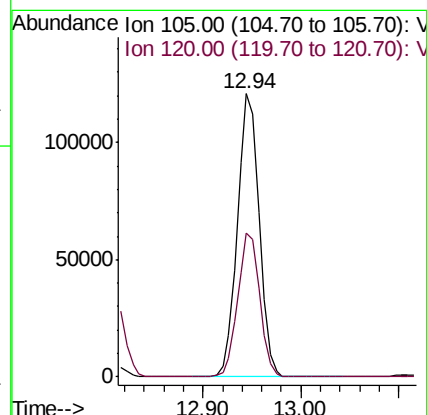
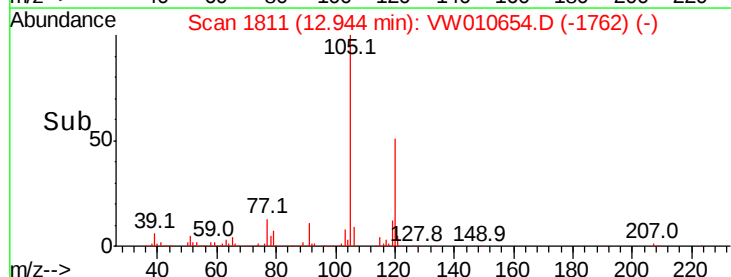
105 100

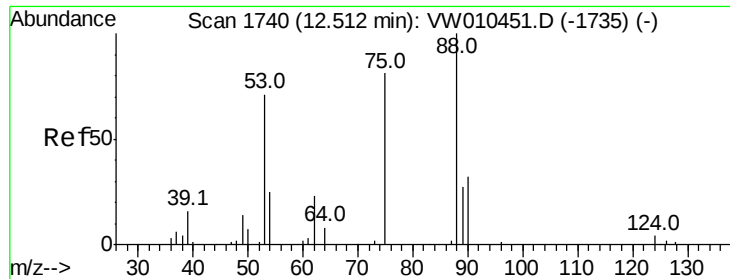
120 51.2 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





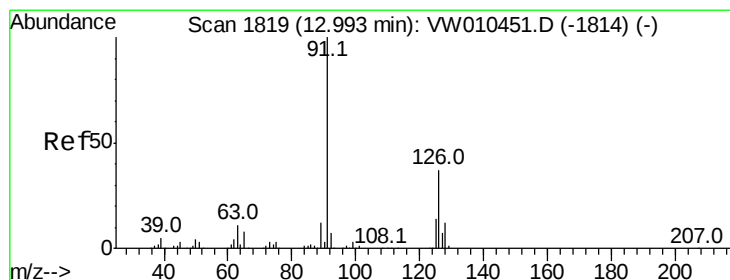
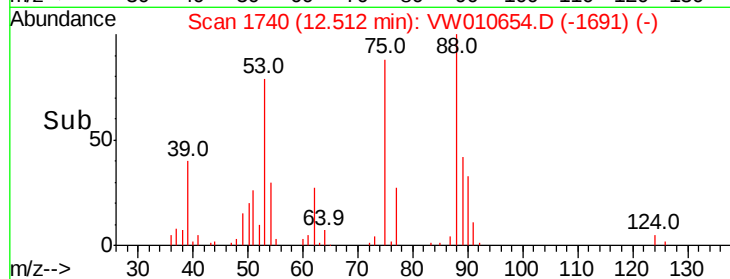
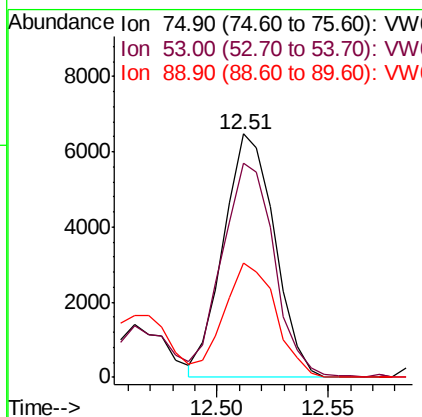
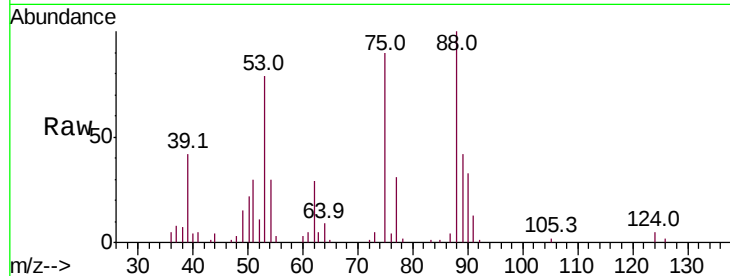
#81
trans-1,4-Dichloro-2-butene
Concen: 15.914 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.7	69.8	104.8
89	47.8	39.5	59.3

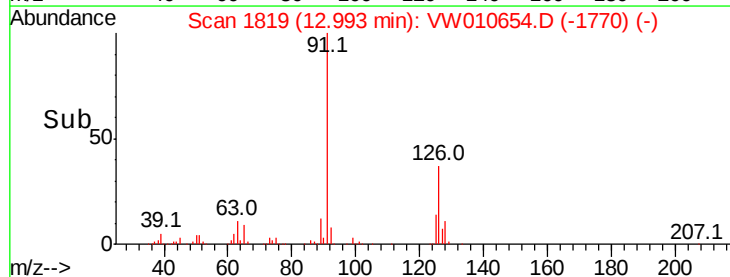
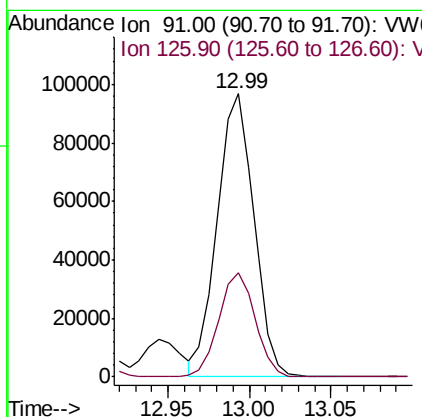
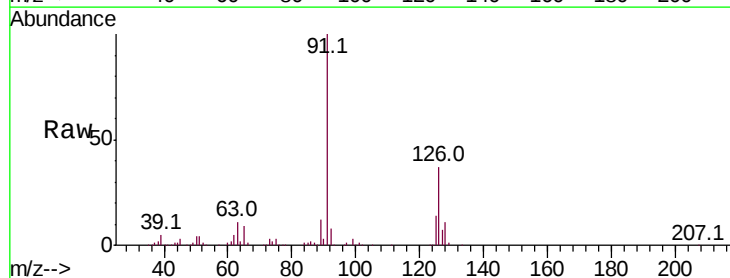
Manual Integrations
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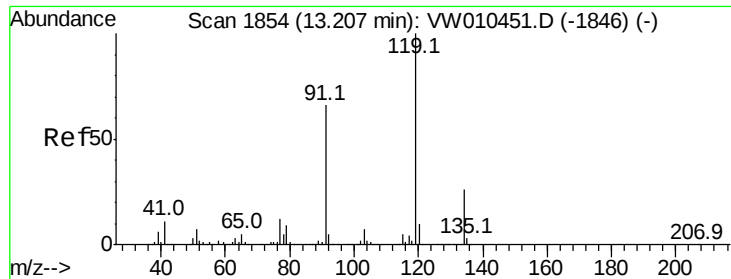
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#82
4-Chlorotoluene
Concen: 20.402 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.6	17.5	52.6





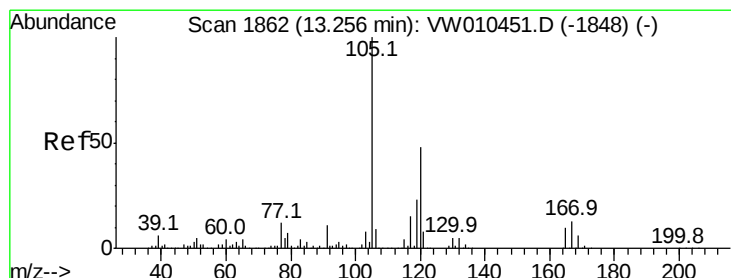
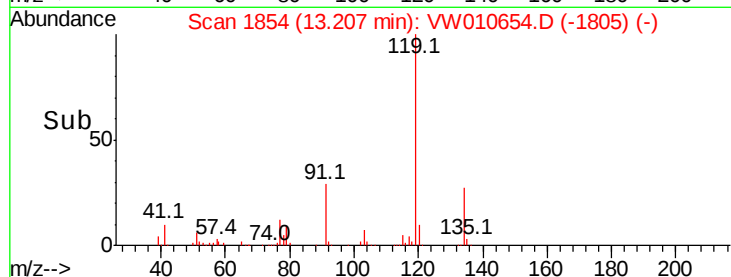
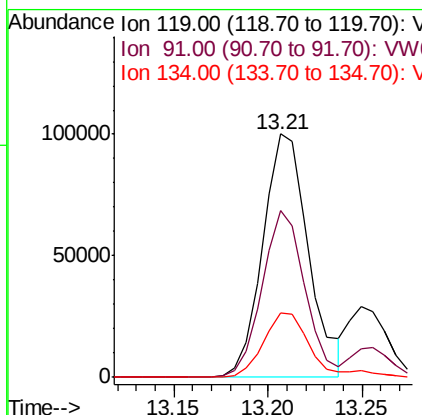
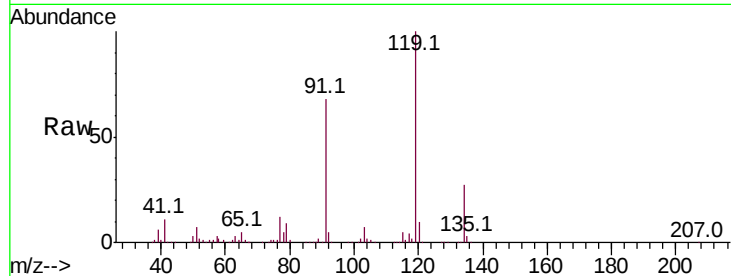
#83
tert-Butylbenzene
Concen: 21.548 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	169256		
91	63.7	33.1	99.5	
134	27.5	13.9	41.6	

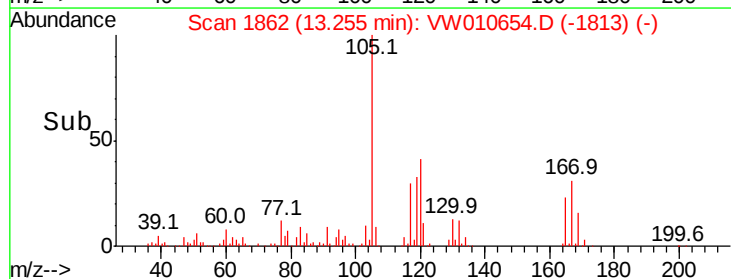
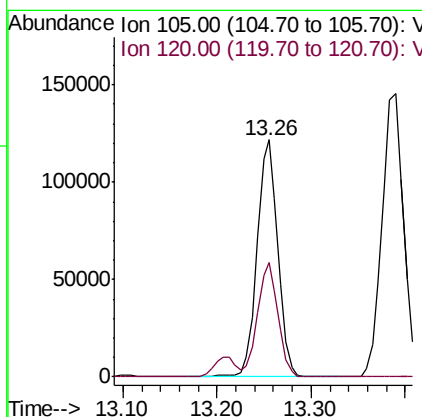
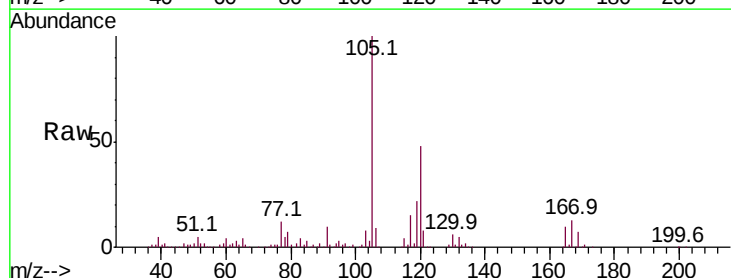
Manual Integrations
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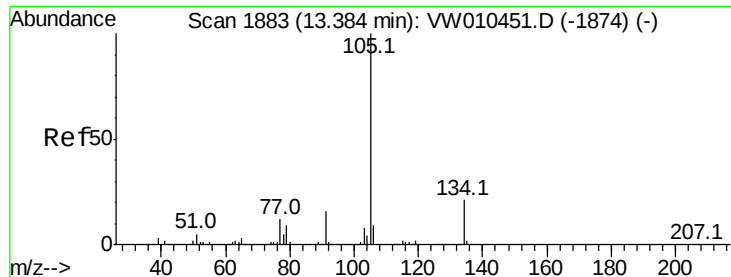
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 21.093 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	188906		
120	47.5	23.4	70.2	





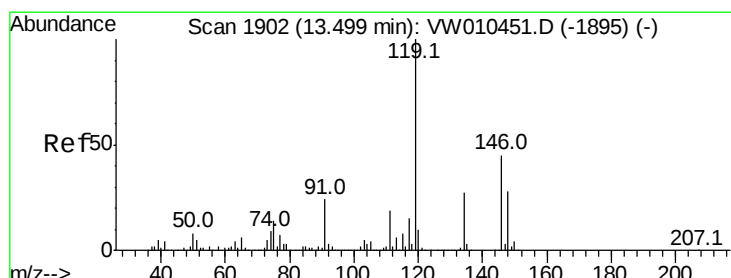
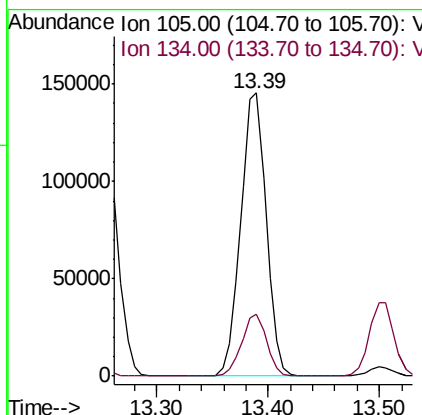
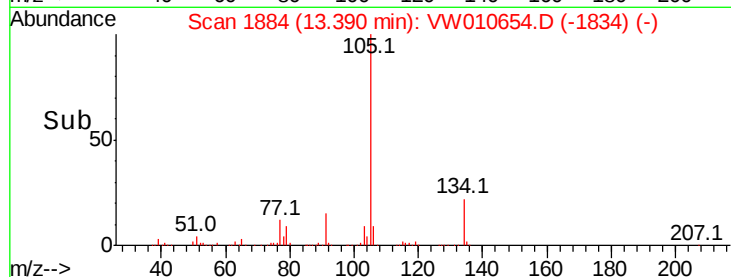
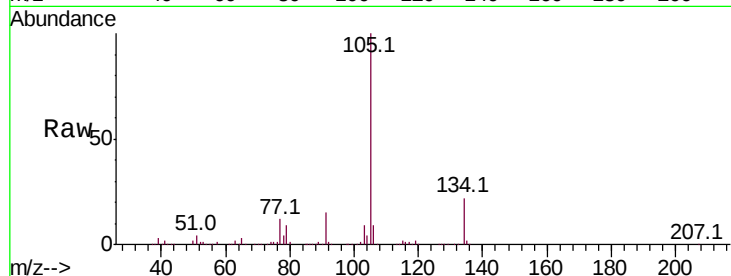
#85
 sec-Butylbenzene
 Concen: 21.006 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.01 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0603SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.3	10.5	31.6

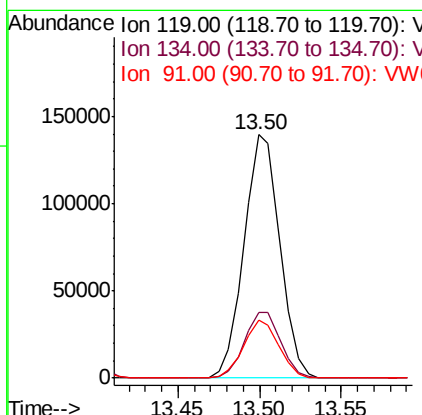
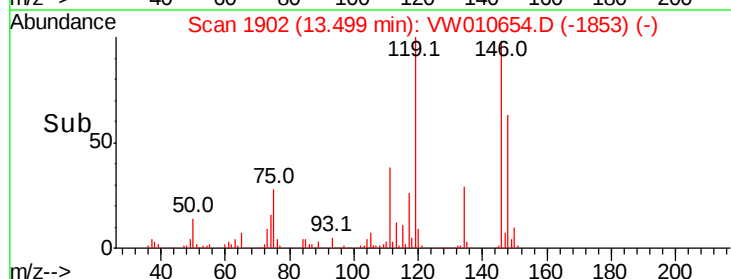
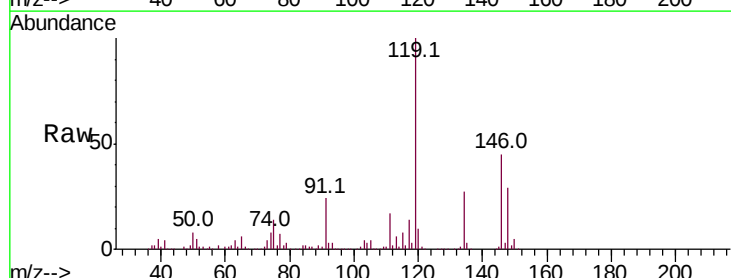
Manual Integrations
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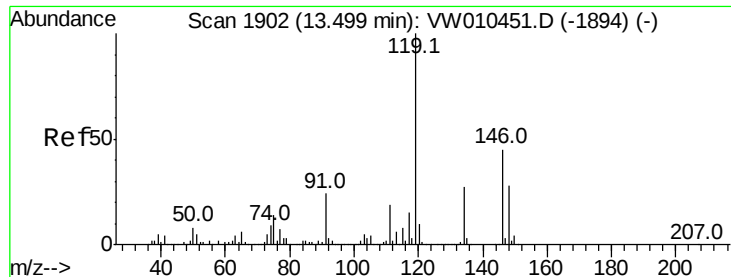
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 21.451 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.6	40.7
91	23.5	11.9	35.7





#87

1,3-Dichlorobenzene

Concen: 22.046 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Instrument :

MSVOA_W

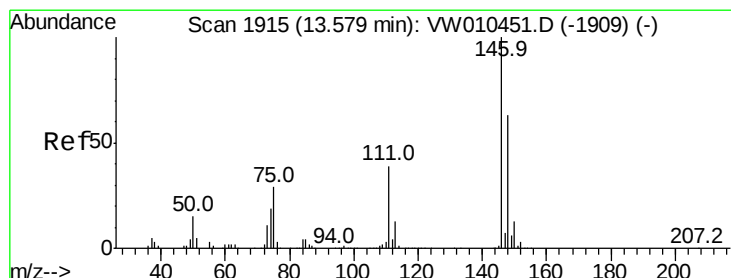
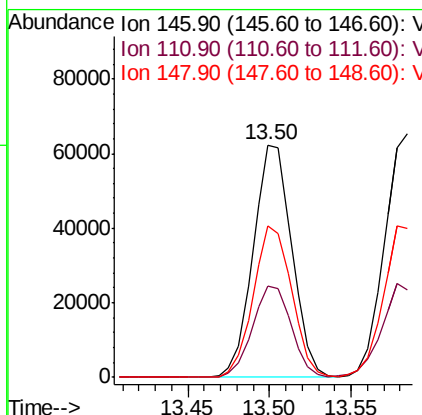
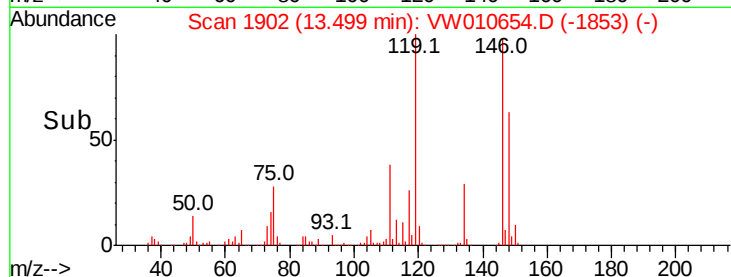
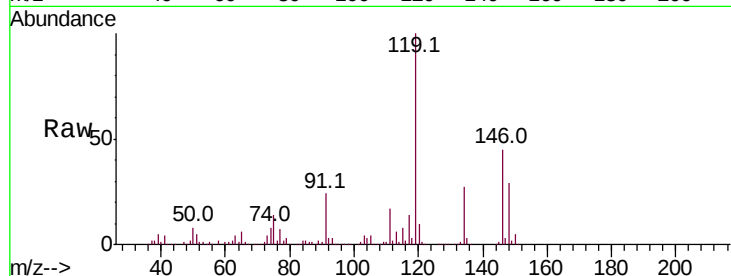
ClientSampleId :

VW0603SBS01

Tot Ion:	146	Resp:	102767
Ion Ratio	Lower	Upper	
146	100		
111	39.3	20.3	60.9
148	64.6	31.6	94.8

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 22.227 ug/l

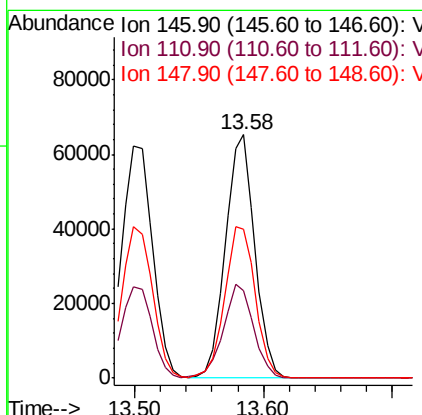
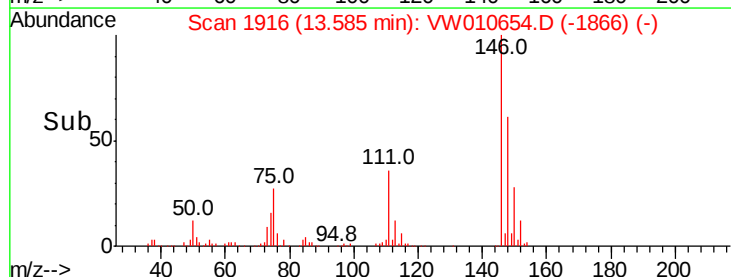
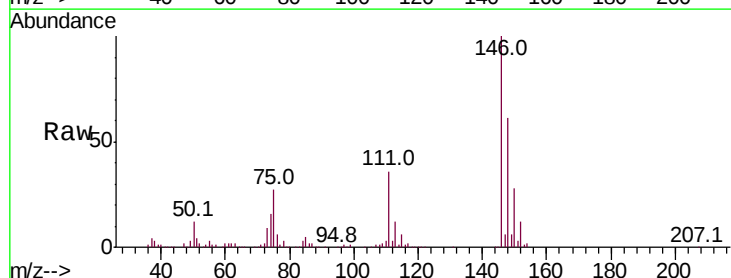
RT: 13.58 min Scan# 1916

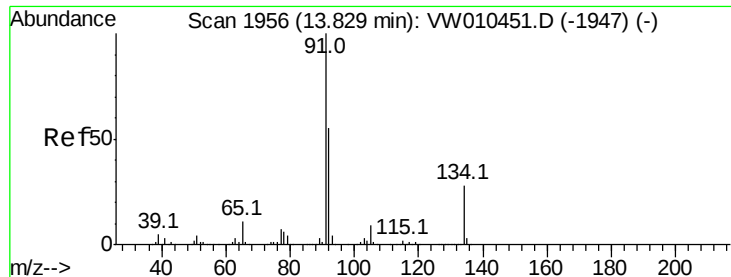
Delta R.T. 0.01 min

Lab File: VW010654.D

Acq: 03 Jun 2019 12:48

Tgt Ion:	146	Resp:	103954
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.9	59.6
148	64.7	31.6	94.8





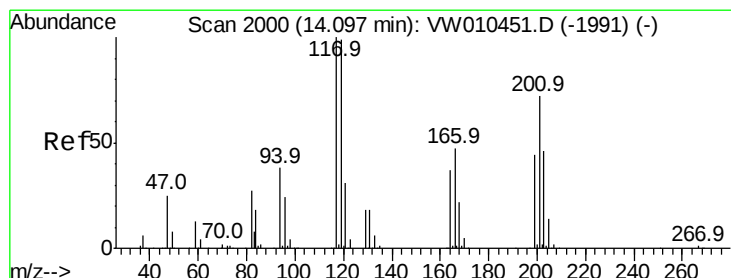
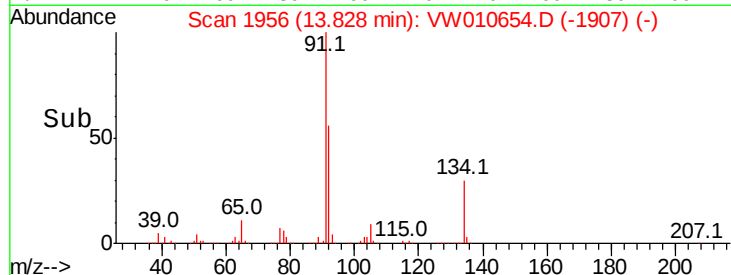
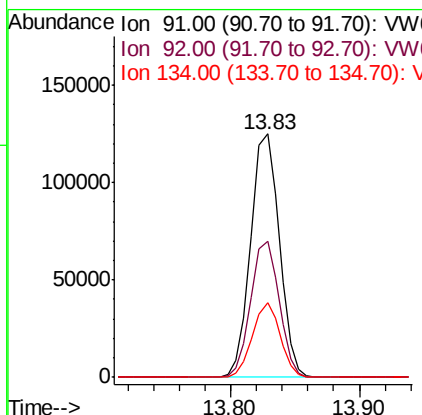
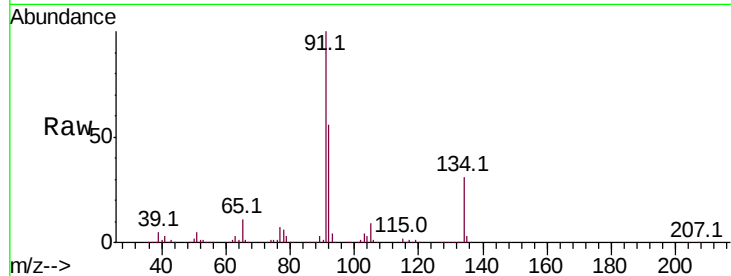
#89
n-Butylbenzene
Concen: 20.238 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	191521		
92	55.5	27.7	83.1	
134	29.7	13.9	41.6	

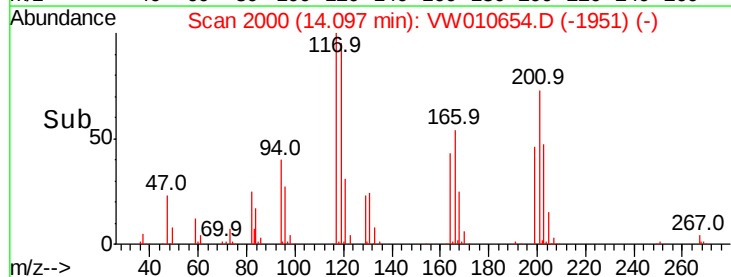
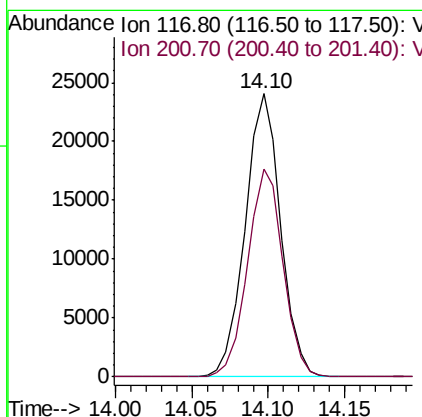
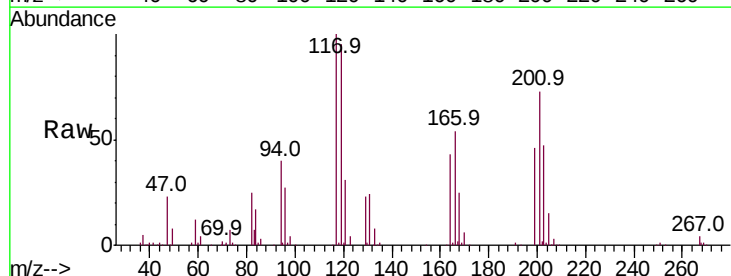
Manual Integrations
APPROVED

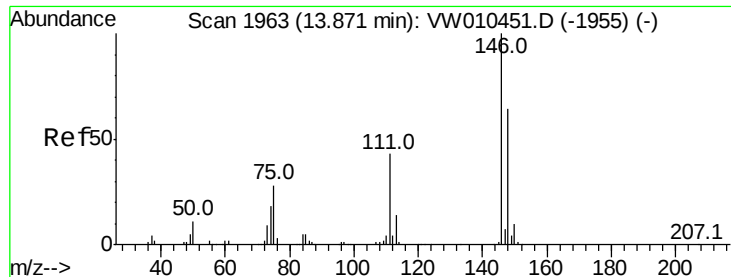
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#90
Hexachloroethane
Concen: 20.055 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	38622		
201	73.6	34.6	103.8	





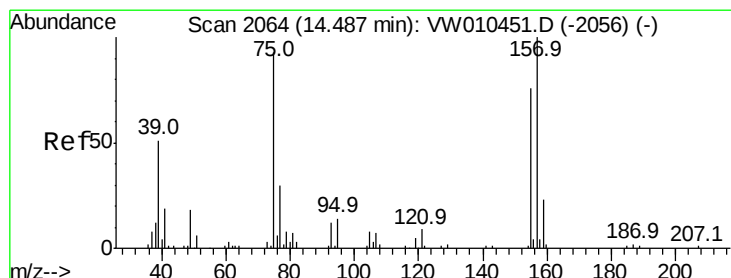
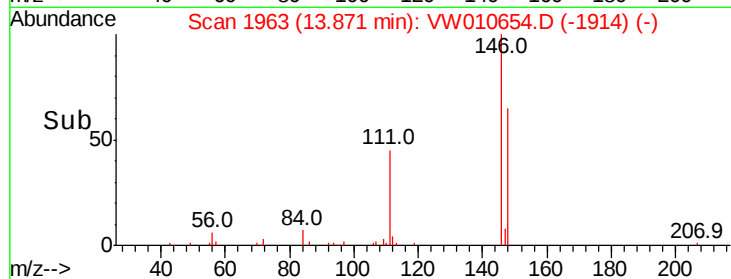
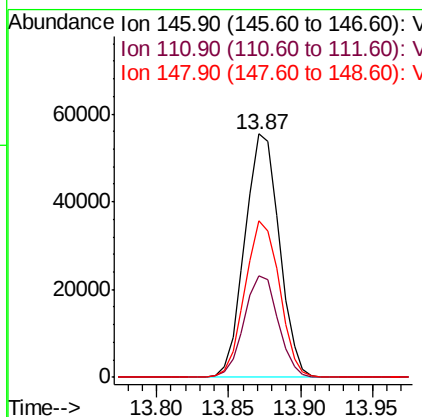
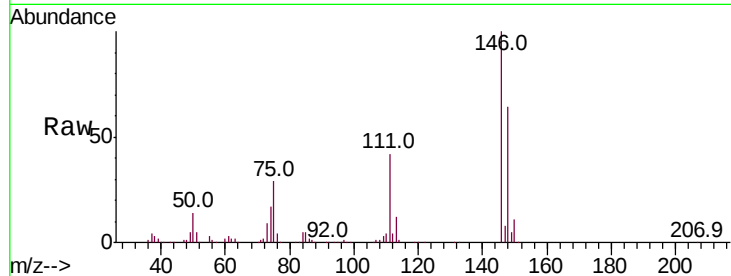
#91
1,2-Dichlorobenzene
Concen: 21.679 ug/l
RT: 13.87 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.3	64.0
148	64.2	32.0	96.0

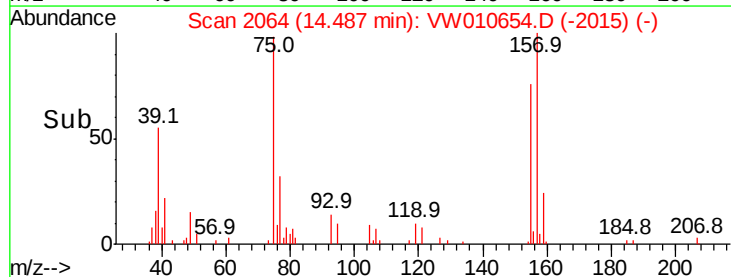
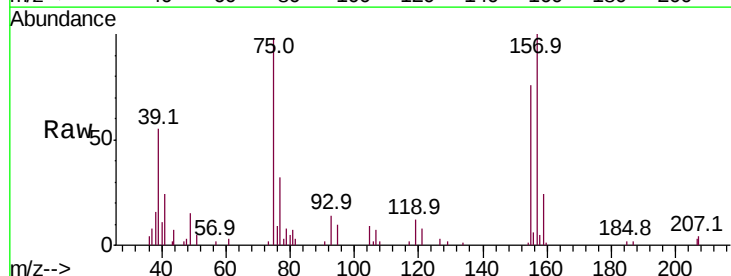
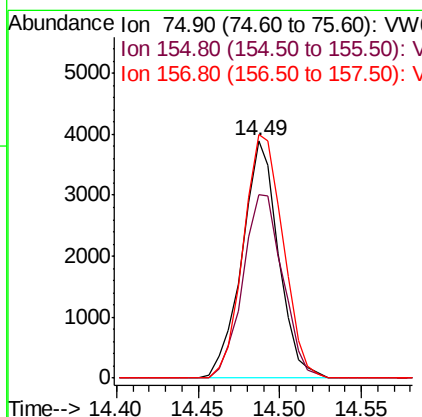
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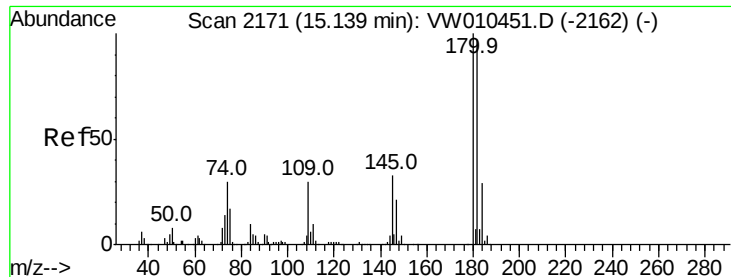
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#92
1,2-Dibromo-3-Chloropropane
Concen: 16.910 ug/l
RT: 14.49 min Scan# 2064
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.4	43.0	129.0
157	111.0	55.7	167.1





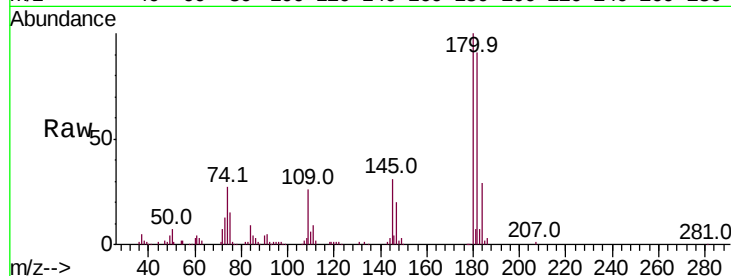
#93
 1,2,4-Trichlorobenzene
 Concen: 21.968 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0603SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.0	141.2
145	32.5	16.7	50.0

Manual Integrations
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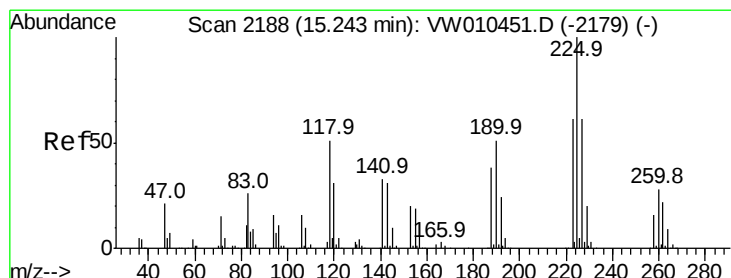
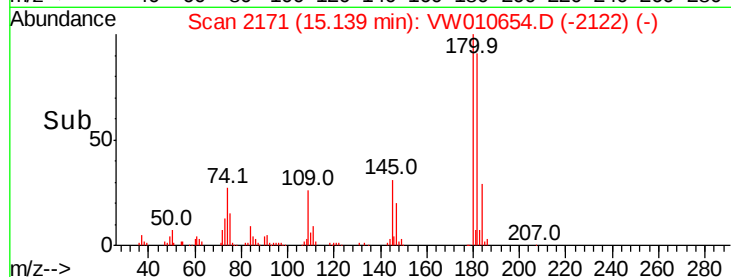
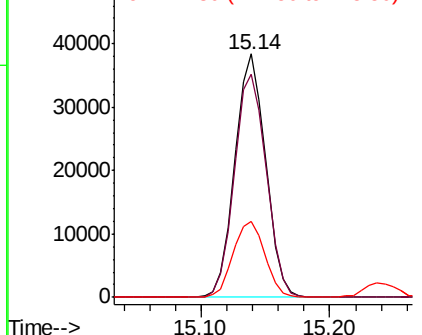


Abundance

Ion 179.80 (179.50 to 180.50): V

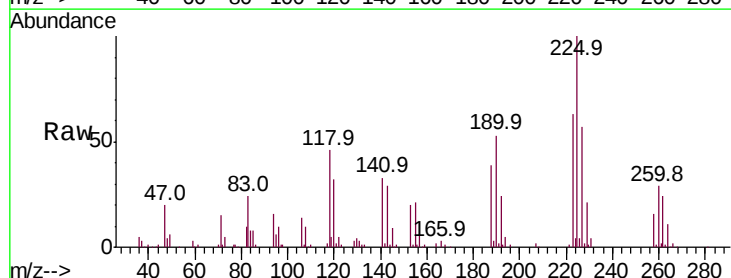
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 23.727 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010654.D
 Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.1	93.2
227	62.4	31.1	93.5

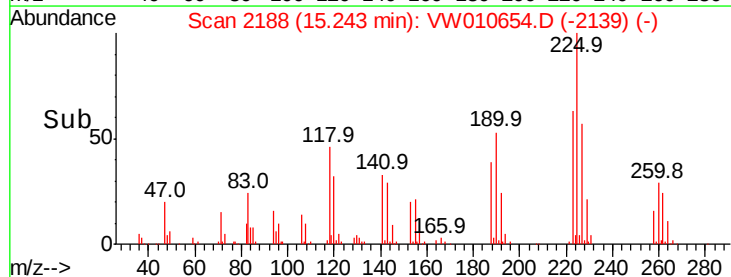
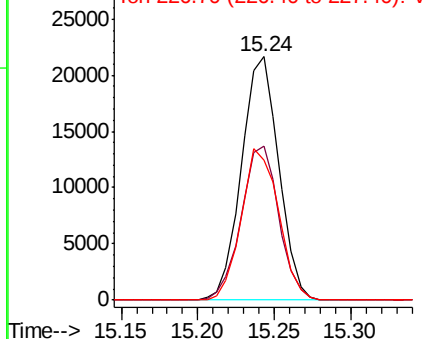


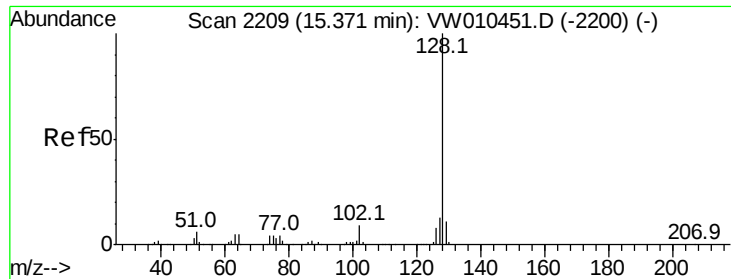
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





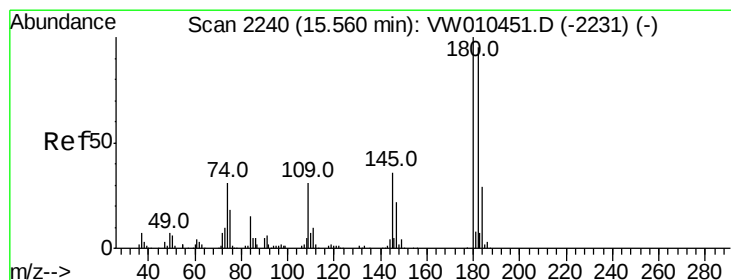
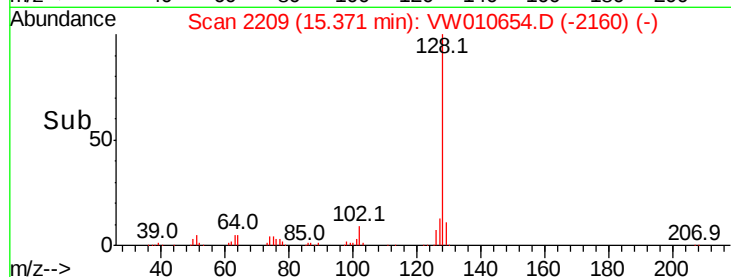
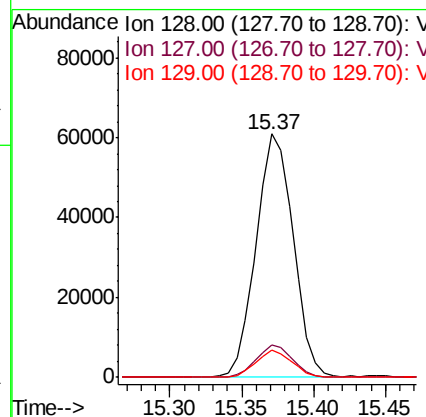
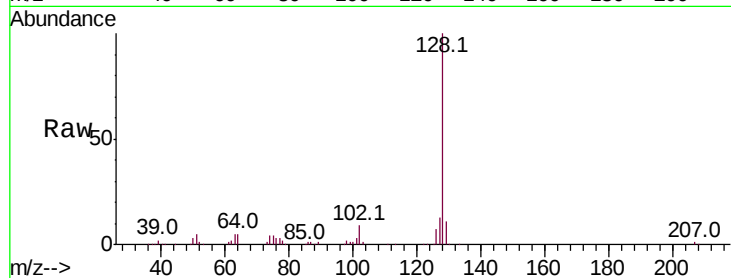
#95
Naphthalene
Concen: 17.937 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Instrument :
MSVOA_W
ClientSampleId :
VW0603SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.8	8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 21.268 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010654.D
Acq: 03 Jun 2019 12:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.1	141.3
145	35.8	17.4	52.3

