

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061919\
 Data File : VW010849.D
 Acq On : 19 Jun 2019 14:39
 Operator : SY/VA
 Sample : VW0619SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/20/2019 12:00:17 PM

Quant Time: Jun 20 06:04:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250837	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	414429	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	371544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	179129	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	166500	56.32	ug/l	0.00
Spiked Amount						
			Recovery	=	112.64%	
35) Dibromofluoromethane	7.88	113	127364	56.62	ug/l	0.00
Spiked Amount						
			Recovery	=	113.24%	
50) Toluene-d8	10.32	98	529425	53.67	ug/l	0.00
Spiked Amount						
			Recovery	=	107.34%	
62) 4-Bromofluorobenzene	12.62	95	196107	54.64	ug/l	0.00
Spiked Amount						
			Recovery	=	109.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	49090	21.178	ug/l	96
3) Chloromethane	2.21	50	72399	21.229	ug/l	97
4) Vinyl Chloride	2.35	62	64523	20.478	ug/l	100
5) Bromomethane	2.74	94	36082	20.853	ug/l	96
6) Chloroethane	2.90	64	38674	20.448	ug/l	99
7) Trichlorofluoromethane	3.25	101	88353	21.601	ug/l	99
8) Diethyl Ether	3.68	74	31082	21.264	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.05	101	54690	21.748	ug/l	99
10) Methyl Iodide	4.27	142	39639	18.632	ug/l	98
11) Tert butyl alcohol	5.17	59	43953	182.482	ug/l #	93
12) 1,1-Dichloroethene	4.03	96	50738	20.916	ug/l	94
13) Acrolein	3.90	56	5983	60.788	ug/l	98
14) Allyl chloride	4.67	41	117567	21.981	ug/l	97
15) Acrylonitrile	5.37	53	77582	109.253	ug/l	99
16) Acetone	4.12	43	89011	112.359	ug/l	97
17) Carbon Disulfide	4.37	76	151397	19.661	ug/l	98
18) Methyl Acetate	4.67	43	42237	24.768	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	151731	21.687	ug/l	99
20) Methylene Chloride	4.92	84	60129	21.636	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	58617	21.286	ug/l	95
22) Diisopropyl ether	6.31	45	242487	22.645	ug/l	97
23) Vinyl Acetate	6.26	43	704111	108.956	ug/l	99
24) 1,1-Dichloroethane	6.21	63	119442	22.258	ug/l	99
25) 2-Butanone	7.17	43	129164	117.583	ug/l	96
26) 2,2-Dichloropropane	7.17	77	105802	24.229	ug/l	95
27) cis-1,2-Dichloroethene	7.17	96	65712	21.683	ug/l	93
28) Bromochloromethane	7.51	49	46759	19.525	ug/l	96
29) Tetrahydrofuran	7.53	42	76107	110.149	ug/l	98
30) Chloroform	7.68	83	109787	22.367	ug/l	98
31) Cyclohexane	7.95	56	126018	21.125	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	94708	22.089	ug/l	98
36) 1,1-Dichloropropene	8.09	75	91213	21.502	ug/l	99
37) Ethyl Acetate	7.26	43	53431	22.729	ug/l	99
38) Carbon Tetrachloride	8.07	117	79474	21.702	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	111654	20.705	ug/l	98
40) Benzene	8.32	78	253814	21.932	ug/l	100
41) Methacrylonitrile	7.49	41	29540	21.141	ug/l	97
42) 1,2-Dichloroethane	8.40	62	82044	22.337	ug/l	99
43) Isopropyl Acetate	8.43	43	98541	21.698	ug/l	100
44) Trichloroethene	9.09	130	60432	21.169	ug/l	98
45) 1,2-Dichloropropane	9.37	63	68752	22.442	ug/l	96
46) Dibromomethane	9.46	93	30994	21.782	ug/l	97
47) Bromodichloromethane	9.65	83	79598	21.580	ug/l	95
48) Methyl methacrylate	9.44	41	47336	21.618	ug/l	96
49) 1,4-Dioxane	9.45	88	10024	450.587	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	259353	111.784	ug/l	99
52) Toluene	10.39	92	154116	21.644	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	83410	21.350	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	98460	21.418	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	44251	21.588	ug/l	98
56) Ethyl methacrylate	10.65	69	67507	21.402	ug/l	97
57) 1,3-Dichloropropane	10.93	76	84765	21.943	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	151958	91.980	ug/l	99
59) 2-Hexanone	10.97	43	182686	108.949	ug/l	99
60) Dibromochloromethane	11.13	129	46937	20.656	ug/l	98
61) 1,2-Dibromoethane	11.24	107	42091	21.672	ug/l	99
64) Tetrachloroethene	10.86	164	51450	20.856	ug/l	95
65) Chlorobenzene	11.66	112	155768	21.320	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	53843	21.288	ug/l	99
67) Ethyl Benzene	11.73	91	302264	21.526	ug/l	99
68) m/p-Xylenes	11.84	106	214154	42.604	ug/l	98
69) o-Xylene	12.16	106	101146	21.217	ug/l	98
70) Styrene	12.18	104	174045	21.016	ug/l	98
71) Bromoform	12.35	173	26073	19.933	ug/l #	99
73) Isopropylbenzene	12.47	105	284730	21.152	ug/l	99
74) N-amyl acetate	12.27	43	93612	21.518	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	54470	21.256	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	39489m	20.993	ug/l	
77) Bromobenzene	12.75	156	62235	21.181	ug/l	96
78) n-propylbenzene	12.80	91	344555	21.228	ug/l	100
79) 2-Chlorotoluene	12.90	91	198344	21.389	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	234305	21.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16626	20.314	ug/l	94
82) 4-Chlorotoluene	12.99	91	206879	21.619	ug/l	98
83) tert-Butylbenzene	13.21	119	197052	21.073	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	237488	21.420	ug/l	99
85) sec-Butylbenzene	13.38	105	287676	21.130	ug/l	100
86) p-Isopropyltoluene	13.50	119	257564	21.156	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	120950	21.345	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	120643	21.476	ug/l	99
89) n-Butylbenzene	13.83	91	260687	21.461	ug/l	99
90) Hexachloroethane	14.10	117	45895	21.050	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	108202	21.234	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9465	21.509	ug/l	91

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ClientSampleId :
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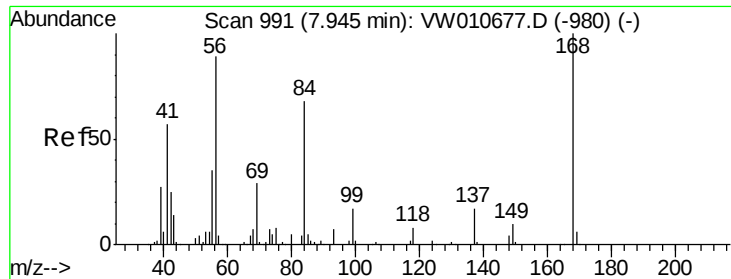
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	75389	21.082	ug/l	99
94) Hexachlorobutadiene	15.24	225	47753	21.278	ug/l	98
95) Naphthalene	15.37	128	127738	19.661	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	65071	21.397	ug/l	100

(#) = 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. 0.01 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS01

Tot Ion:168 Resp: 250837

Ion Ratio Lower Upper

168 100

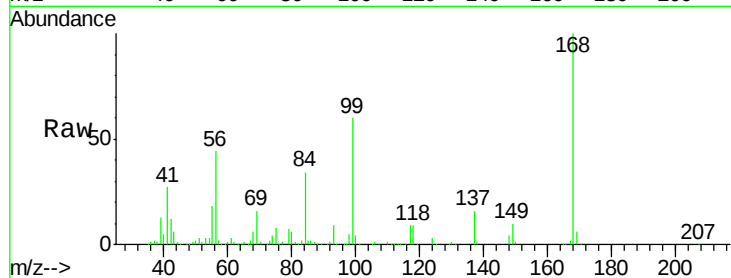
99 60.1 47.7 71.5

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

60000

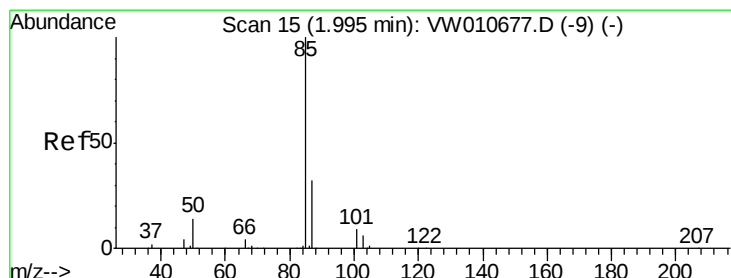
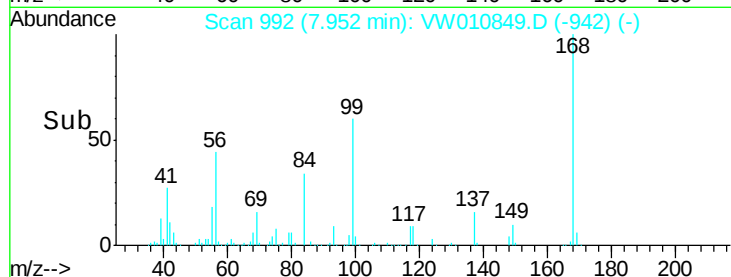
40000

20000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.178 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.00 min

Lab File: VW010849.D

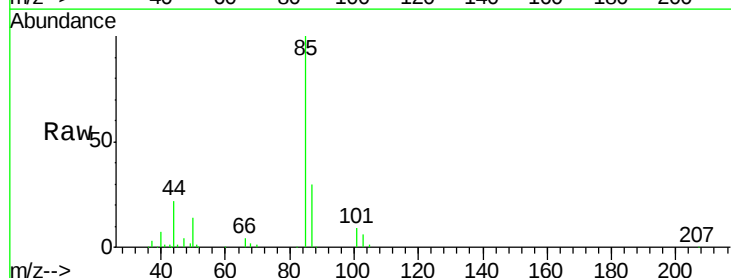
Acq: 19 Jun 2019 14:39

Tgt Ion: 85 Resp: 49090

Ion Ratio Lower Upper

85 100

87 30.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

30000

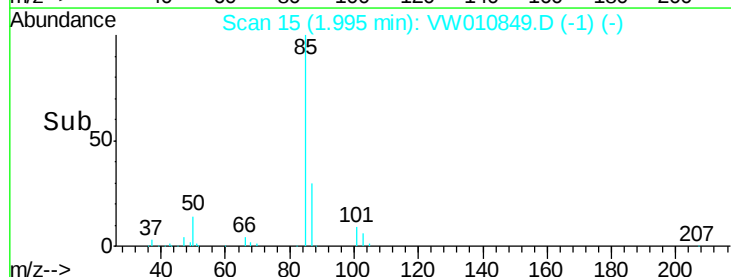
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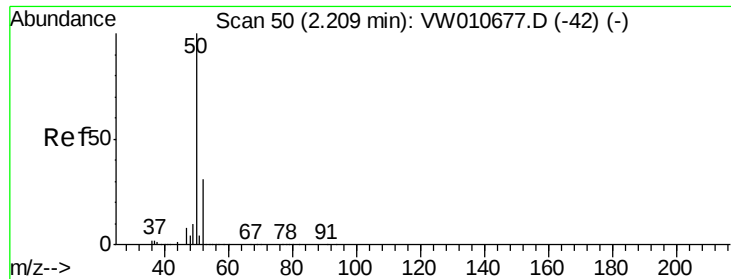
10000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 21.229 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS01

Tot Ion: 50 Resp: 72399

Ion Ratio Lower Upper

50 100

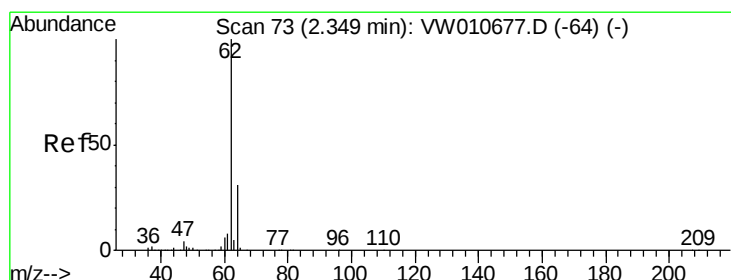
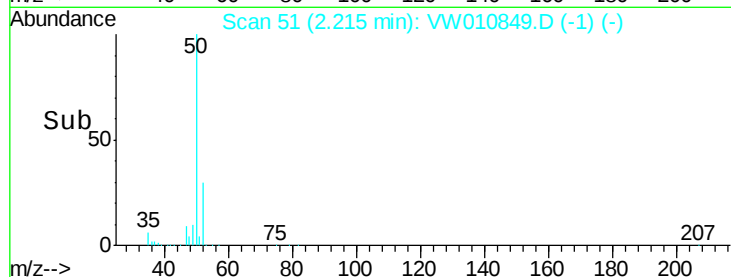
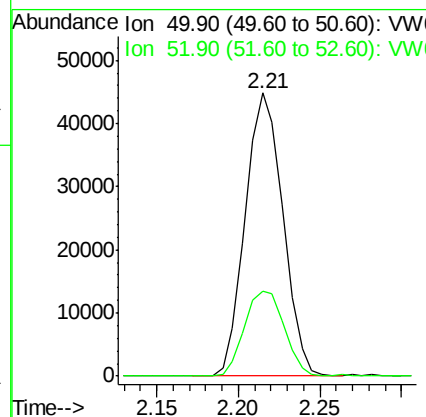
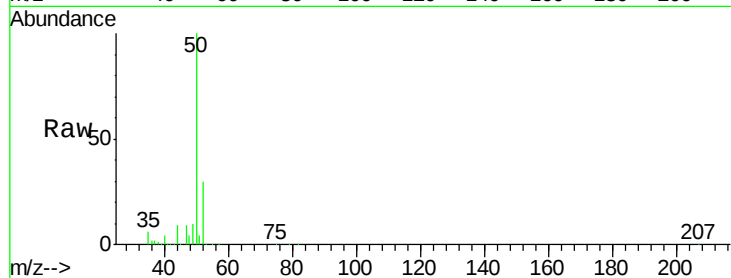
52 30.1 25.2 37.8

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#4

Vinyl Chloride

Concen: 20.478 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.01 min

Lab File: VW010849.D

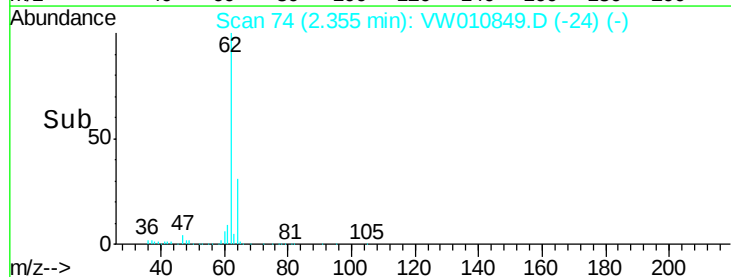
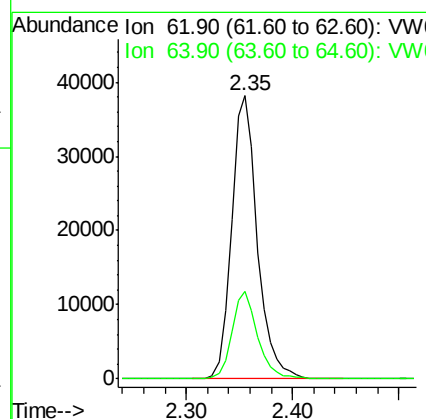
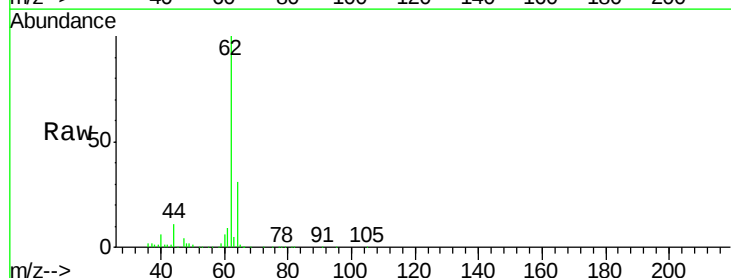
Acq: 19 Jun 2019 14:39

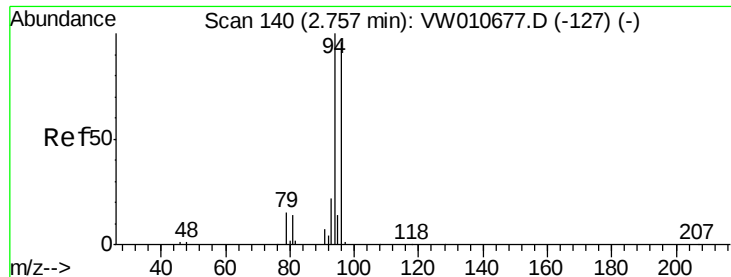
Tgt Ion: 62 Resp: 64523

Ion Ratio Lower Upper

62 100

64 30.9 24.5 36.7





#5

Bromomethane

Concen: 20.853 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS01

Tot Ion: 94 Resp: 36082

Ion Ratio Lower Upper

94 100

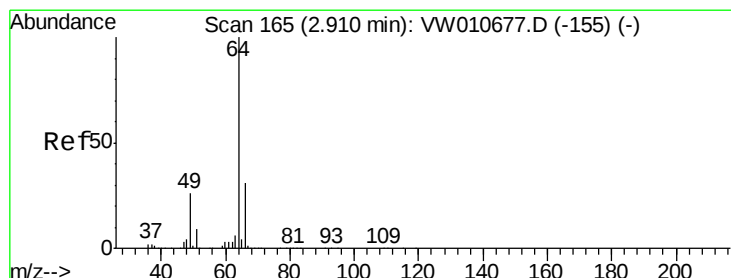
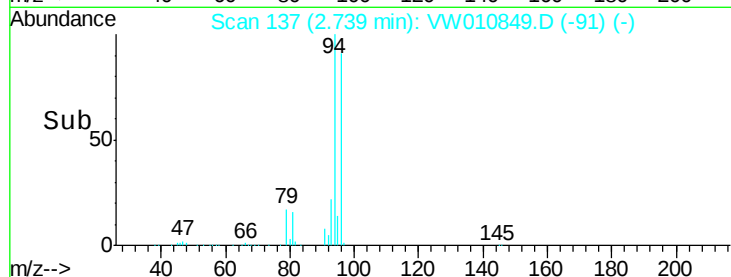
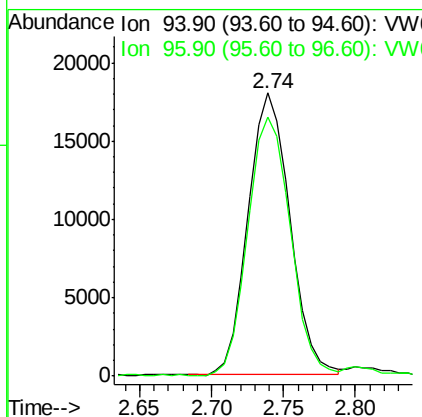
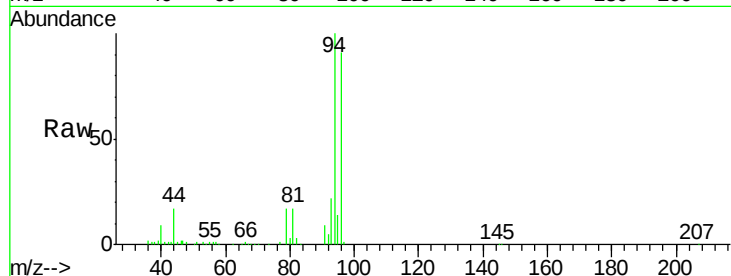
96 91.9 76.5 114.7

Manual Integrations

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#6

Chloroethane

Concen: 20.448 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.01 min

Lab File: VW010849.D

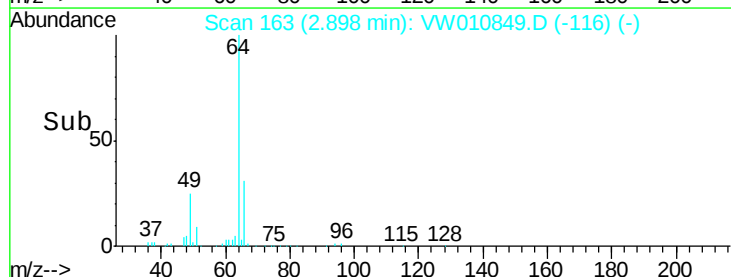
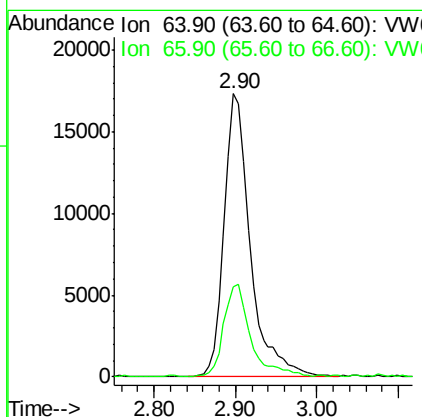
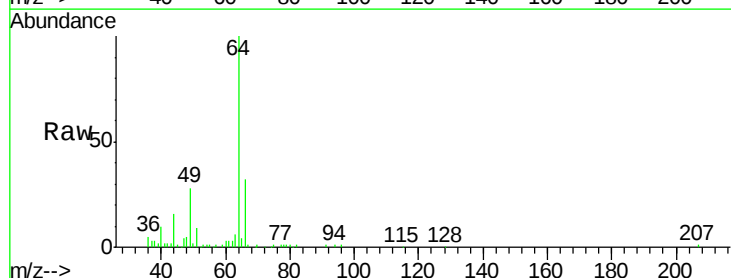
Acq: 19 Jun 2019 14:39

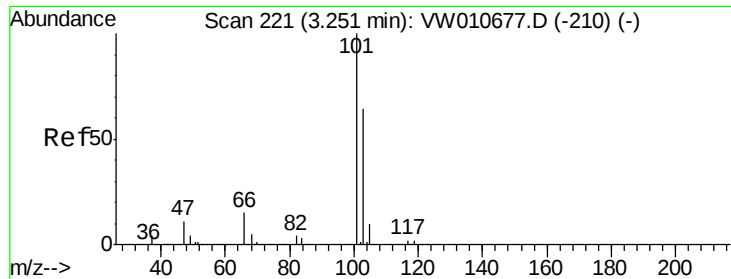
Tgt Ion: 64 Resp: 38674

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7





#7

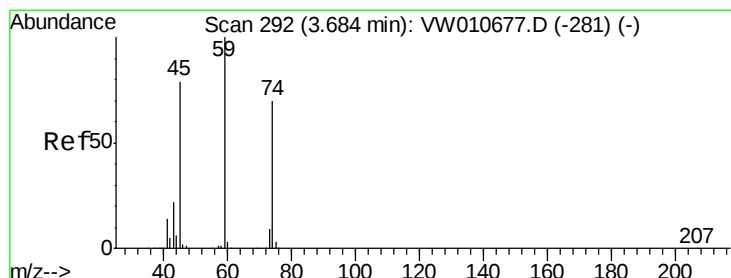
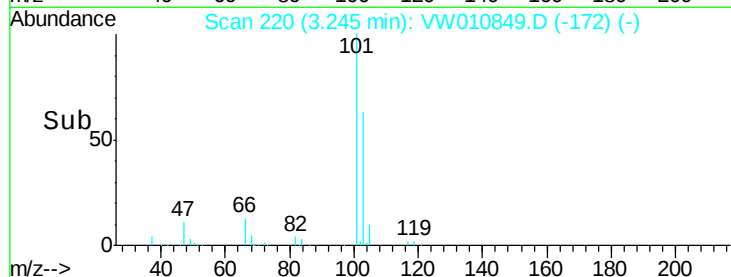
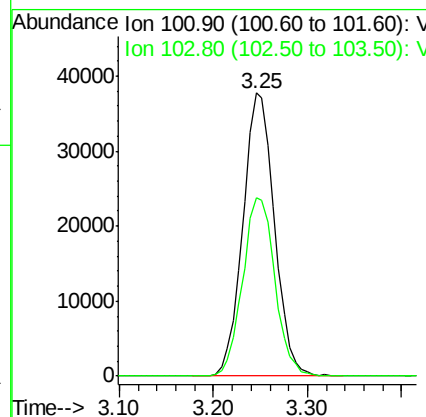
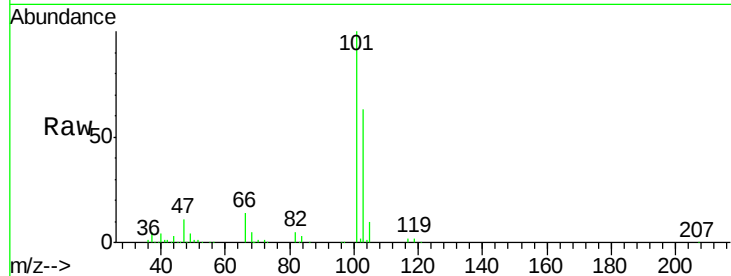
Trichlorofluoromethane
Concen: 21.601 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

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ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	51.2	76.8

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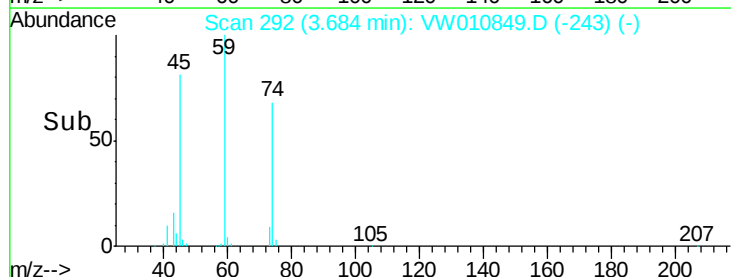
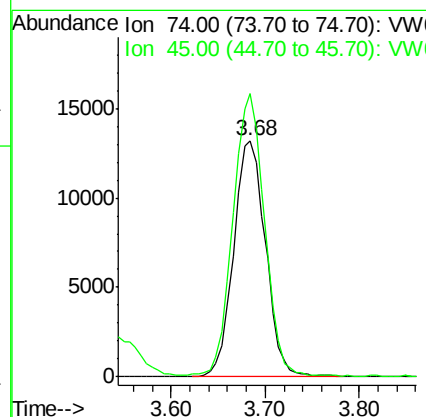
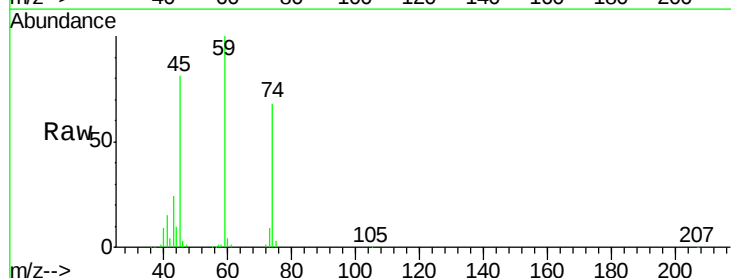
MMDadoda
6/20/2019 12:00:17 PM

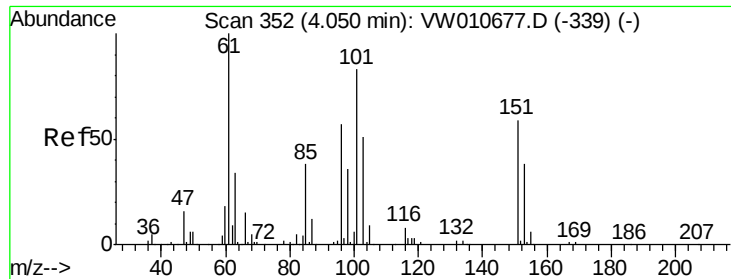


#8

Diethyl Ether
Concen: 21.264 ug/l
RT: 3.68 min Scan# 292
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	117.7	56.9	170.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.748 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

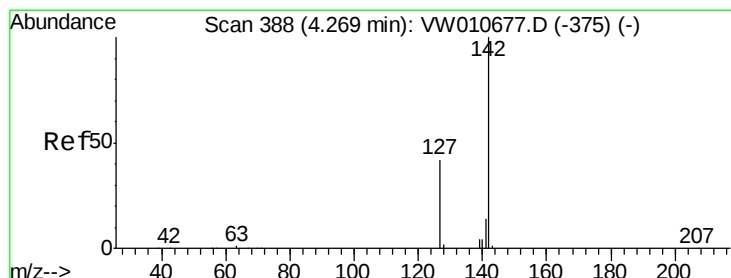
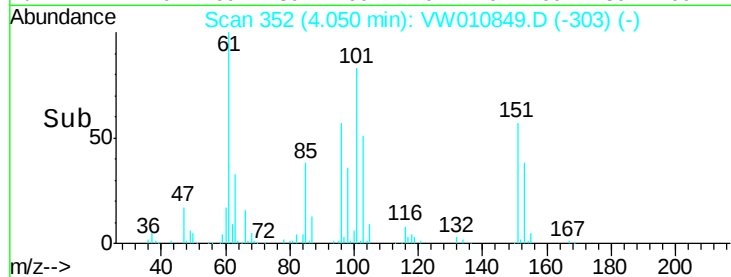
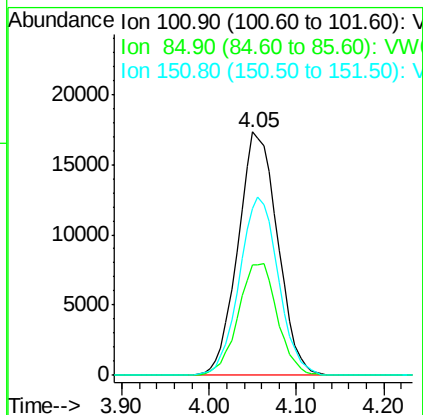
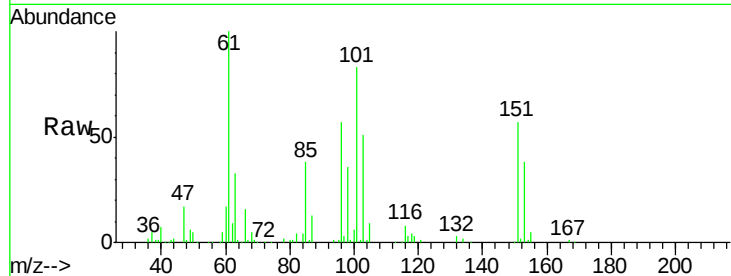
ClientSampleId :

VW0619SBS01

Tot Ion:	101	Resp:	54690
Ion Ratio	Lower	Upper	
101	100		
85	45.4	35.8	53.8
151	72.0	58.1	87.1

Manual Integrations
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#10

Methyl Iodide

Concen: 18.632 ug/l

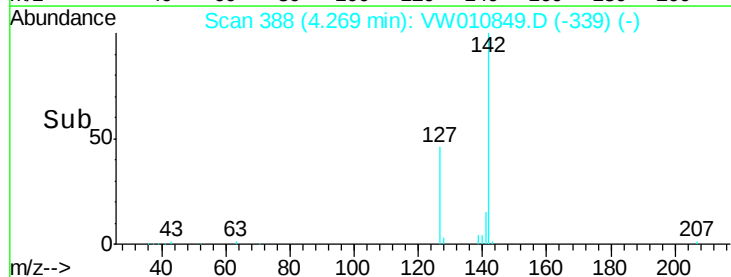
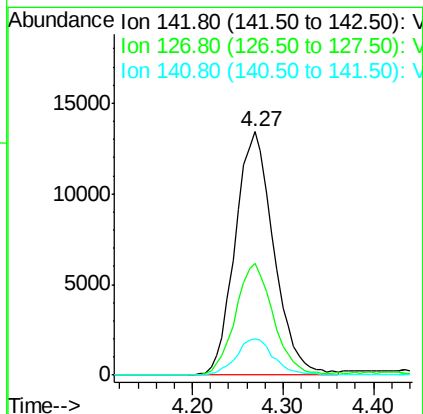
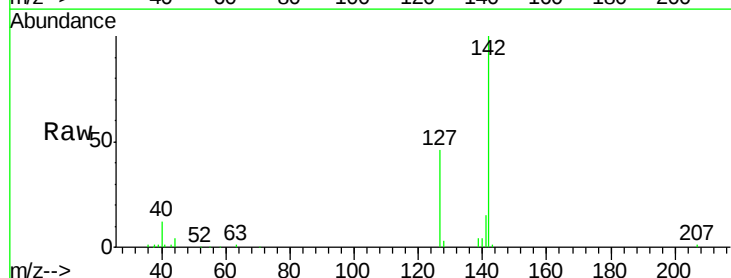
RT: 4.27 min Scan# 388

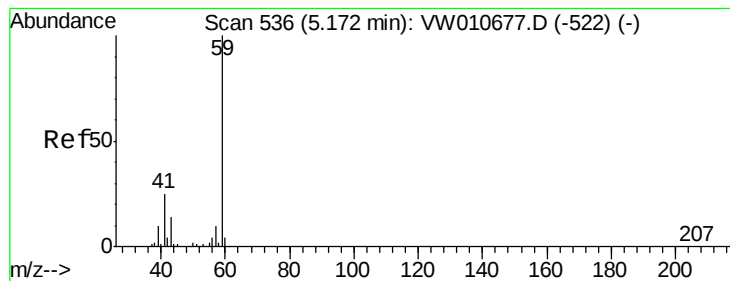
Delta R.T. 0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Tgt Ion:	142	Resp:	39639
Ion Ratio	Lower	Upper	
142	100		
127	45.1	34.6	51.8
141	14.5	11.6	17.4





#11

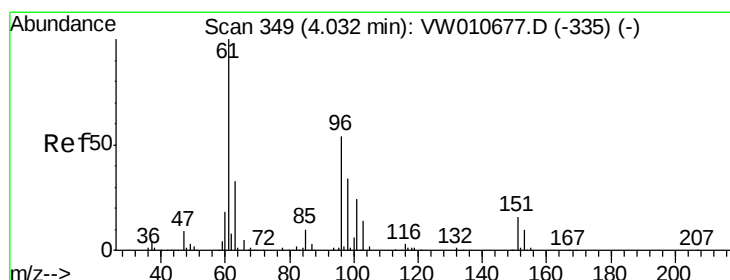
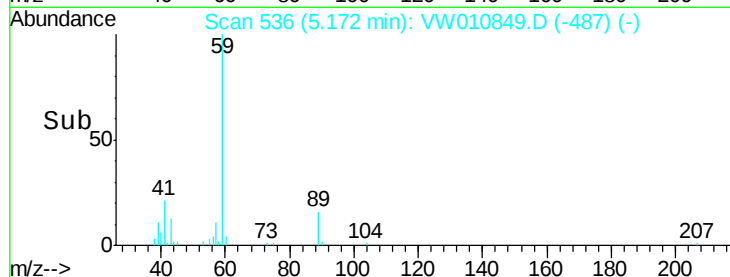
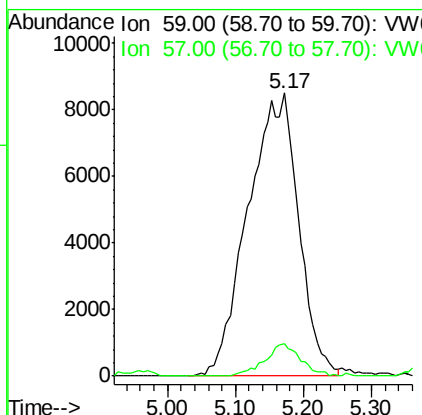
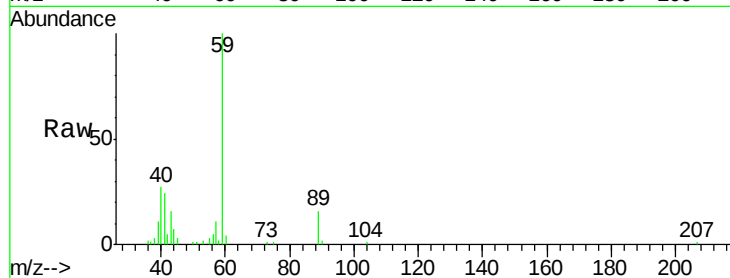
Tert butyl alcohol
 Concen: 182.482 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.1	8.6	12.8#

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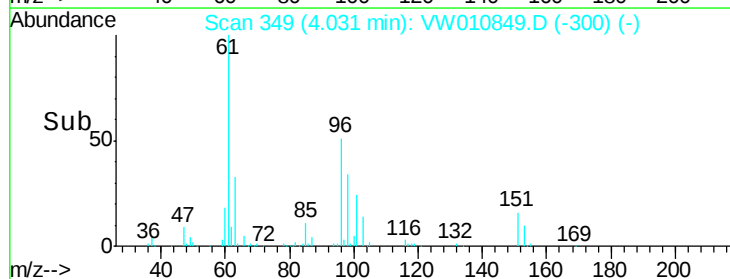
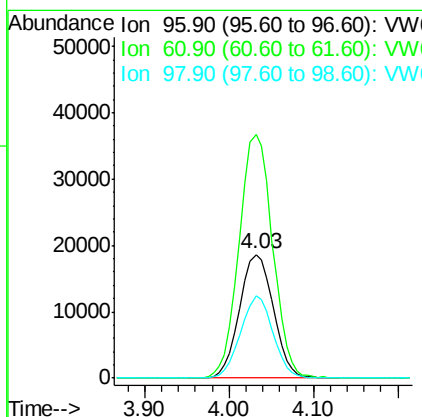
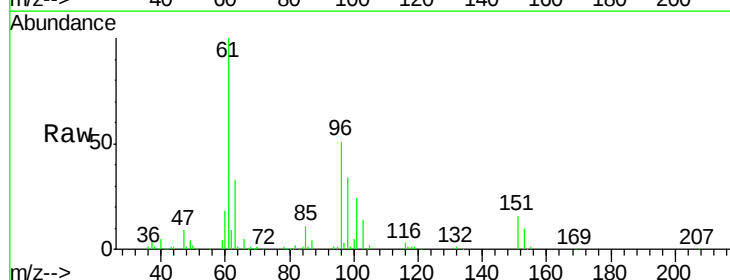
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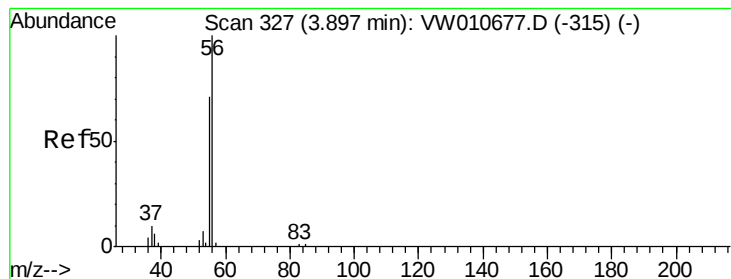


#12

1,1-Dichloroethene
 Concen: 20.916 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	196.8	149.1	223.7
98	66.3	51.1	76.7





#13

Acrolein

Concen: 60.788 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS01

Tot Ion: 56 Resp: 5983

Ion Ratio Lower Upper

56 100

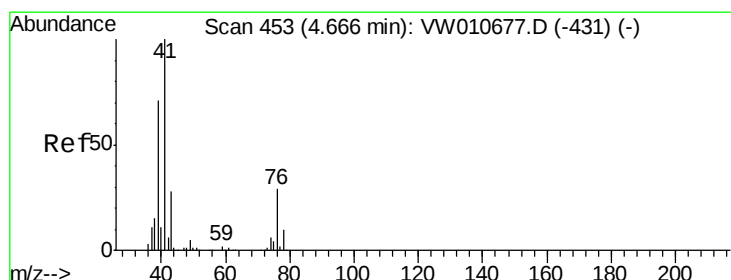
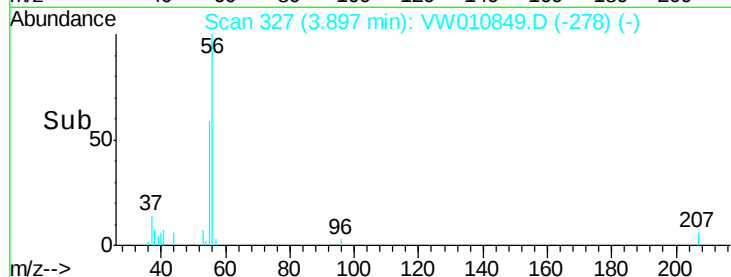
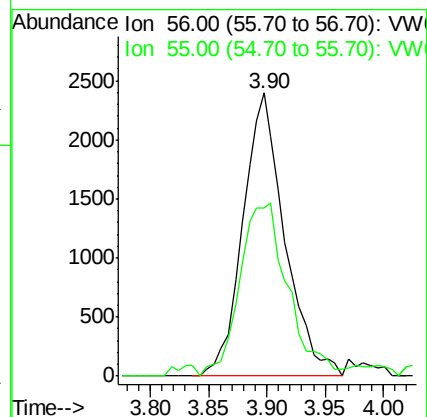
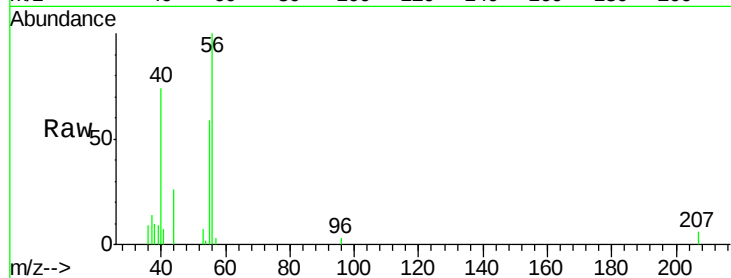
55 70.6 57.6 86.4

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#14

Allyl chloride

Concen: 21.981 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

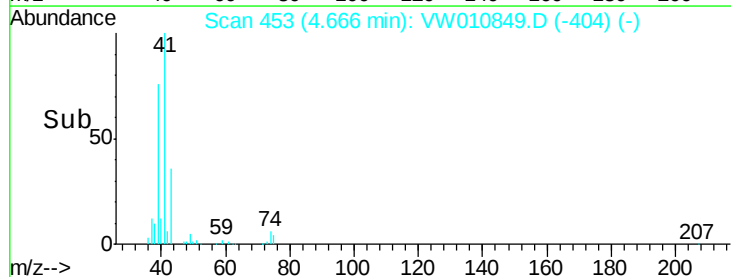
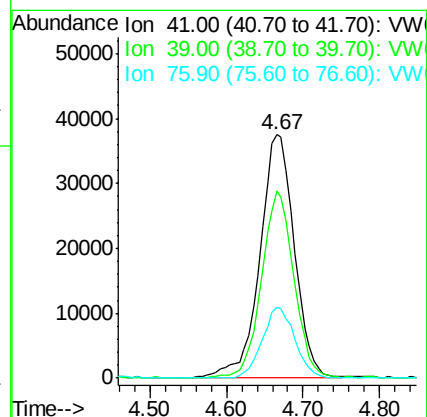
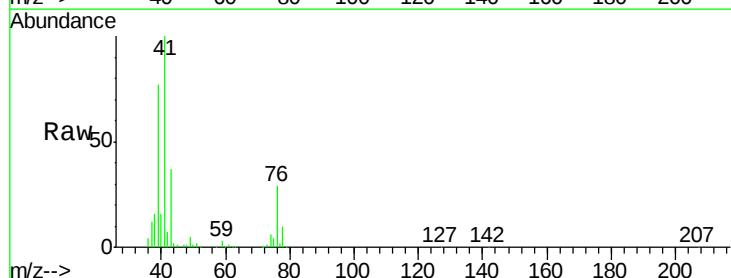
Tgt Ion: 41 Resp: 117567

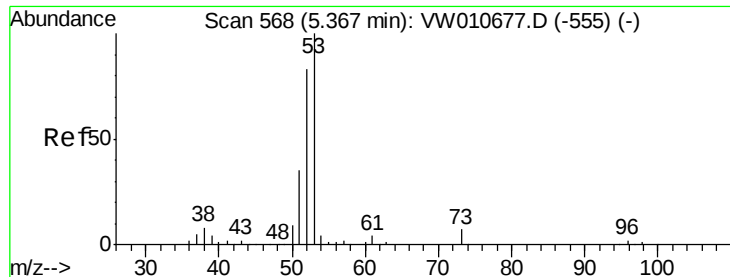
Ion Ratio Lower Upper

41 100

39 72.5 55.8 83.6

76 27.7 22.7 34.1





#15

Acrylonitrile

Concen: 109.253 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

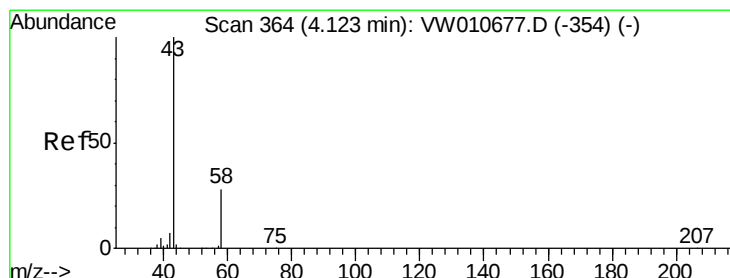
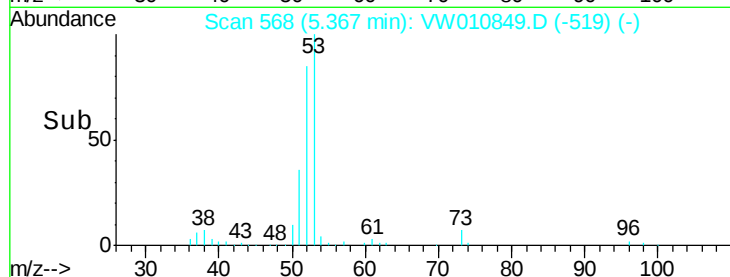
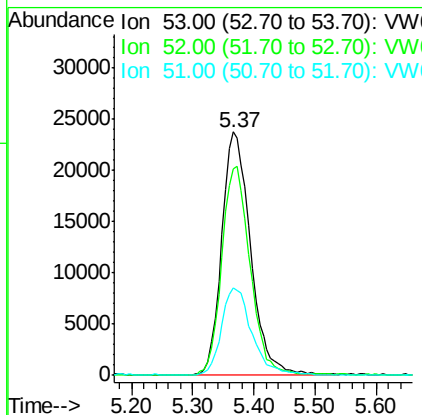
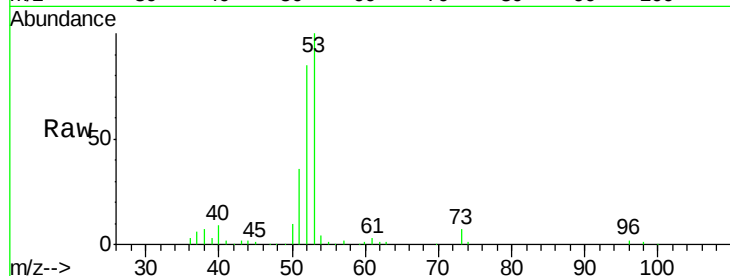
ClientSampleId :

VW0619SBS01

Tot Ion:	53	Resp:	77582
Ion	Ratio	Lower	Upper
53	100		
52	84.7	66.6	100.0
51	38.0	29.8	44.8

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#16

Acetone

Concen: 112.359 ug/l

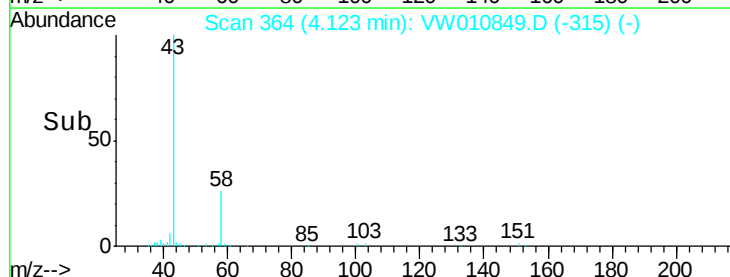
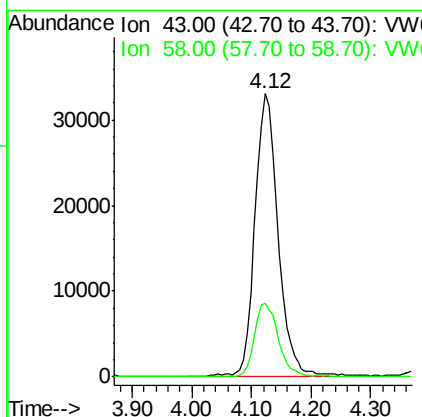
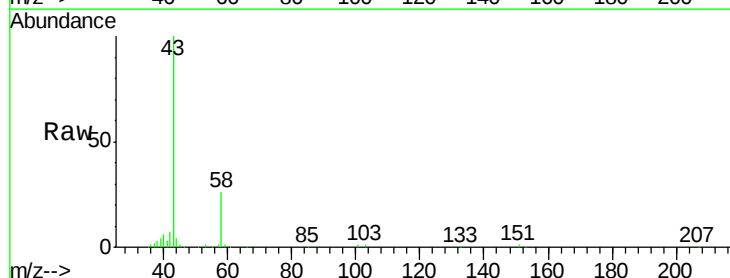
RT: 4.12 min Scan# 364

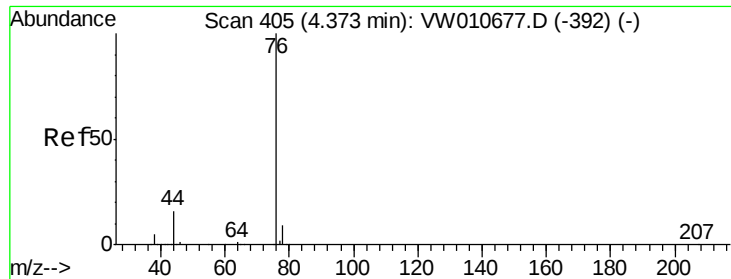
Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Tgt Ion:	43	Resp:	89011
Ion	Ratio	Lower	Upper
43	100		
58	25.9	22.1	33.1





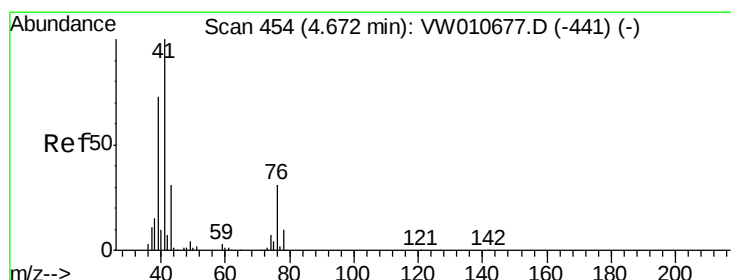
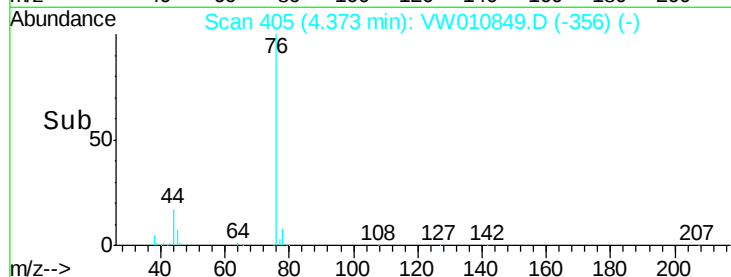
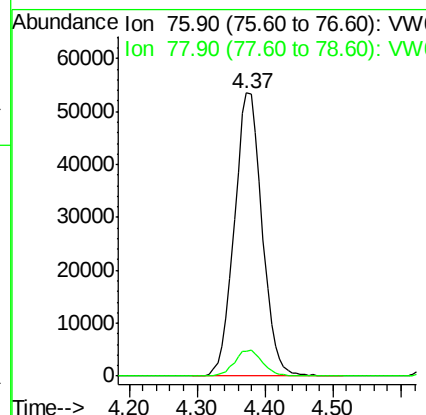
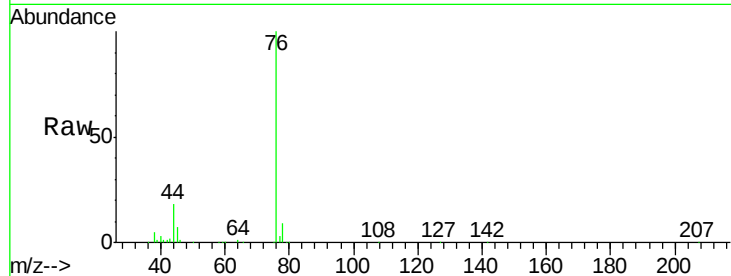
#17
Carbon Disulfide
Concen: 19.661 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

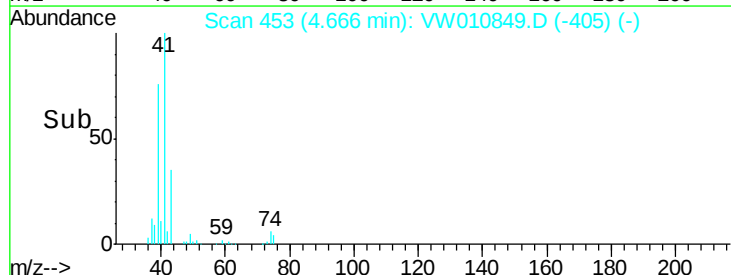
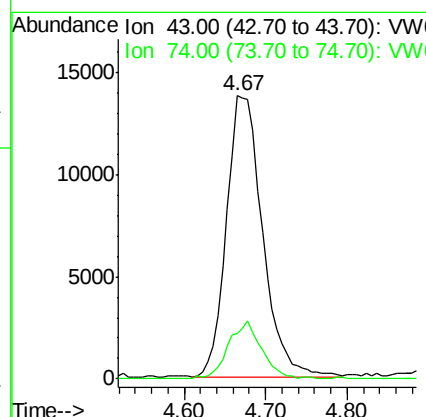
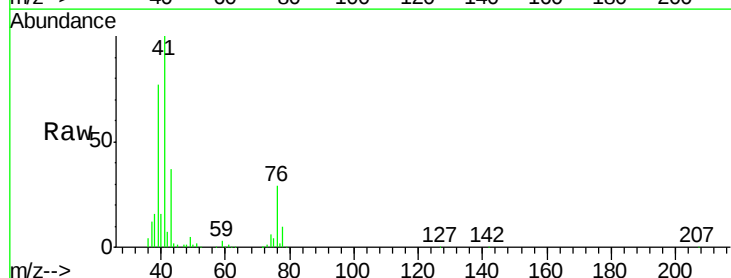
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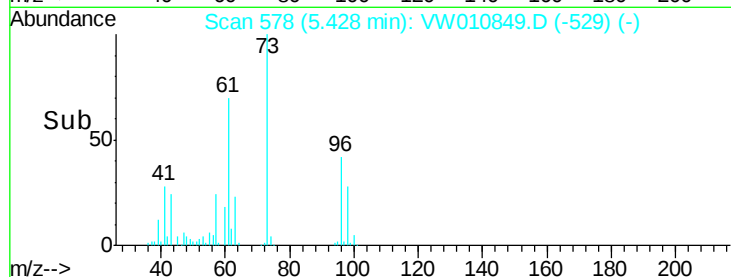
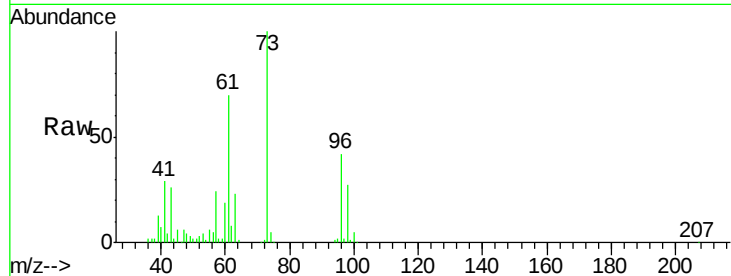
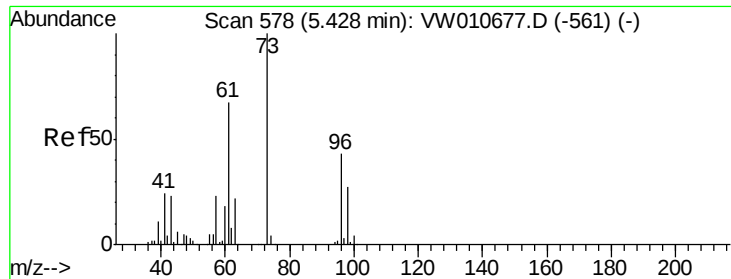
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#18
Methyl Acetate
Concen: 24.768 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.0	16.7	25.1





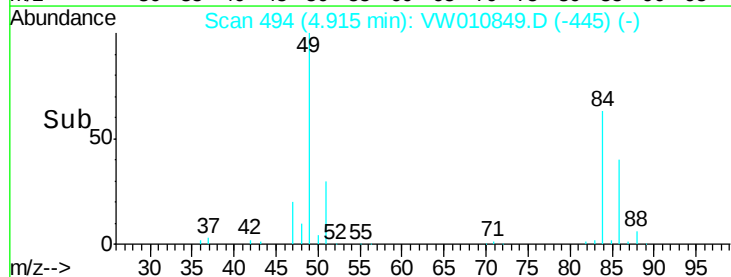
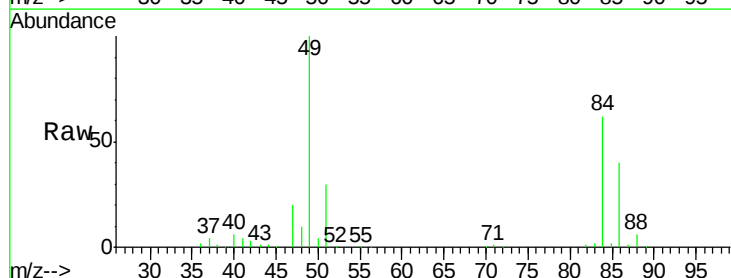
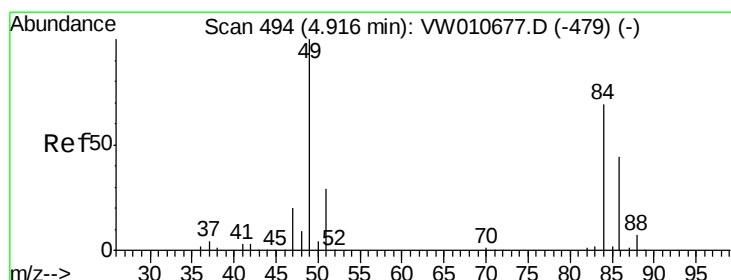
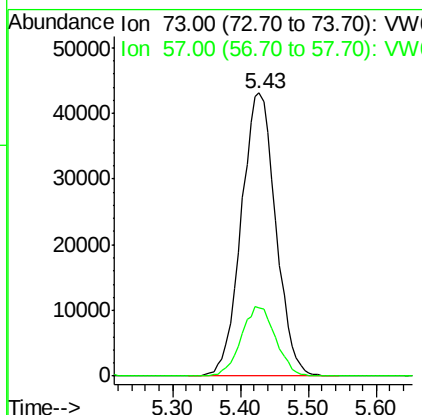
#19
Methvl tert-butvl Ether
Concen: 21.687 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tot Ion: 73 Resp: 151731
Ion Ratio Lower Upper
73 100
57 23.9 18.6 27.8

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

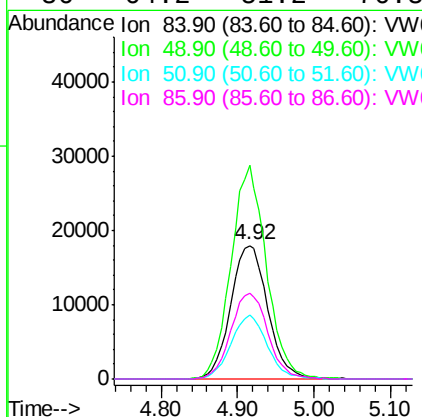
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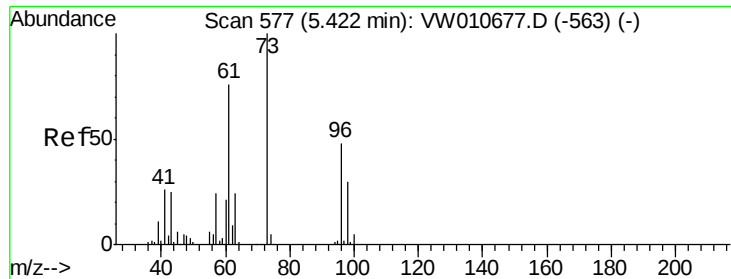
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#20
Methylene Chloride
Concen: 21.636 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion: 84 Resp: 60129
Ion Ratio Lower Upper
84 100
49 160.1 116.7 175.1
51 48.5 34.2 51.2
86 64.2 51.2 76.8





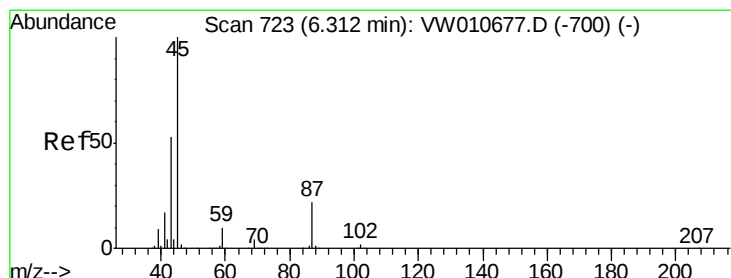
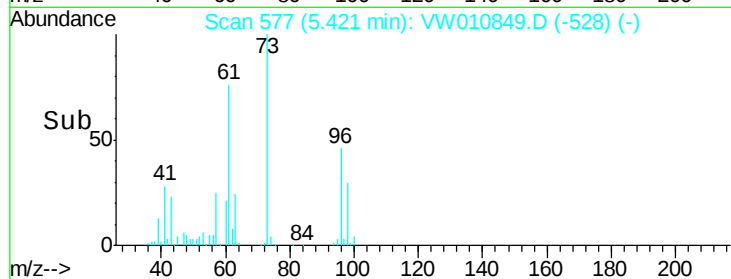
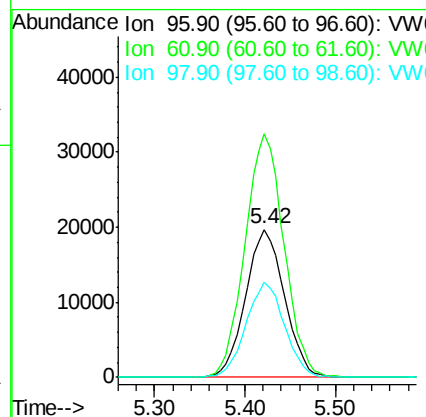
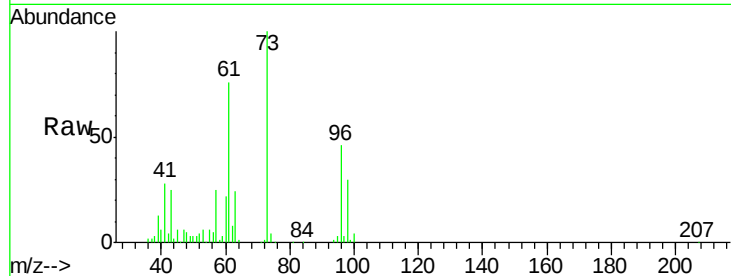
#21
trans-1,2-Dichloroethene
Concen: 21.286 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.0	126.0	189.0
98	64.9	49.6	74.4

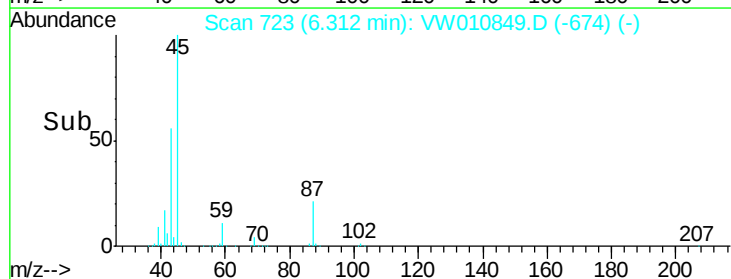
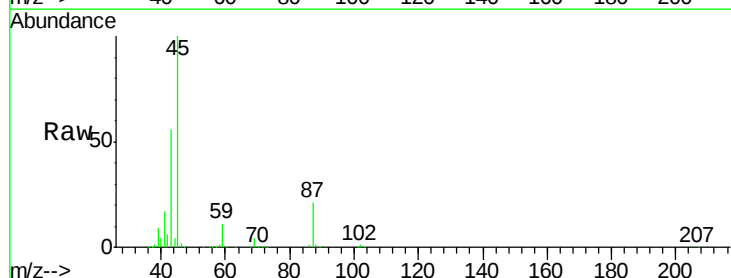
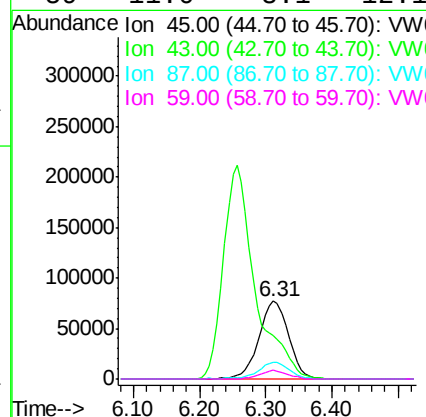
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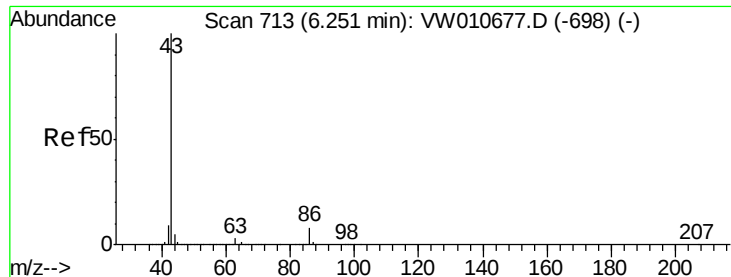
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#22
Diisopropyl ether
Concen: 22.645 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
45	100		
43	55.6	42.5	63.7
87	21.3	17.4	26.2
59	11.0	8.1	12.1





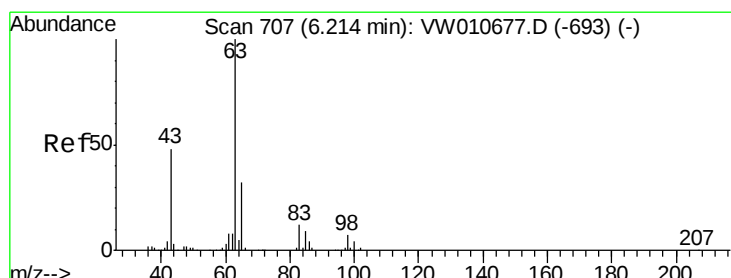
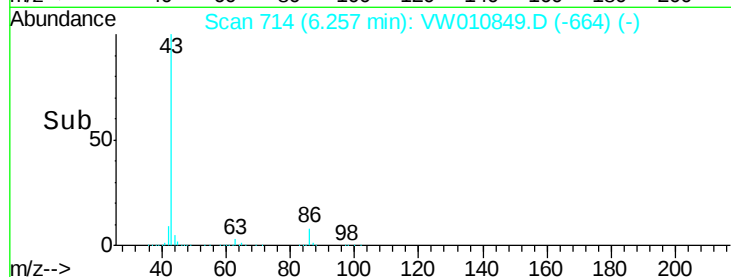
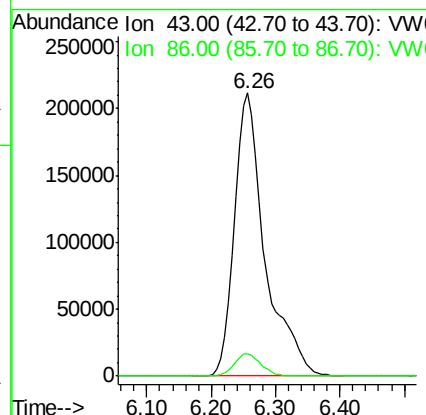
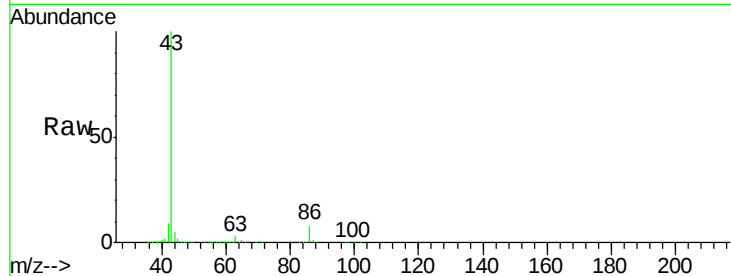
#23
 Vinyl Acetate
 Concen: 108.956 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	704111		
86	8.0	6.6	10.0	

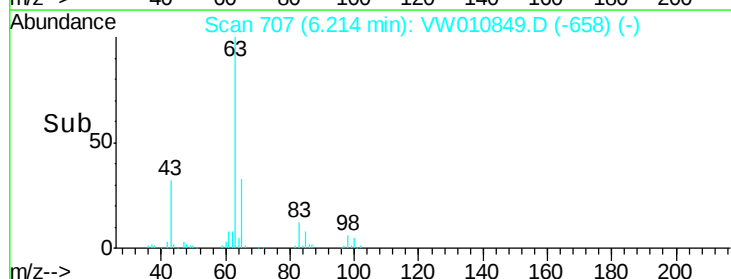
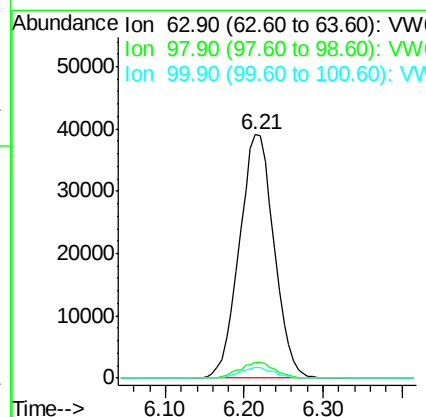
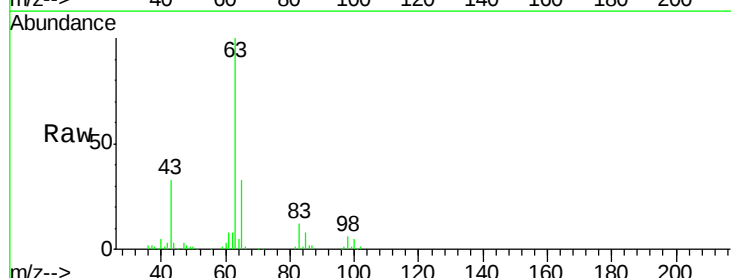
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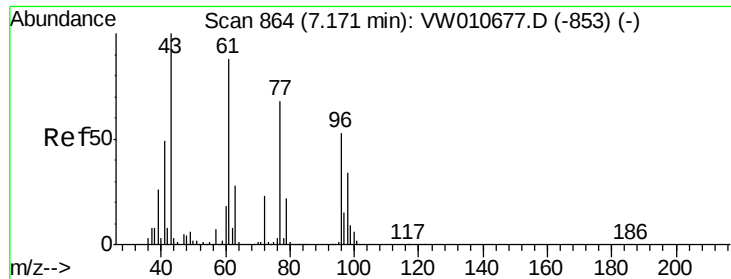
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#24
 1,1-Dichloroethane
 Concen: 22.258 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	119442		
98	6.4	3.4	10.2	
100	4.6	2.1	6.3	





#25

2-Butanone

Concen: 117.583 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampled :

VW0619SBS01

Tot Ion: 43 Resp: 129164

Ion Ratio Lower Upper

43 100

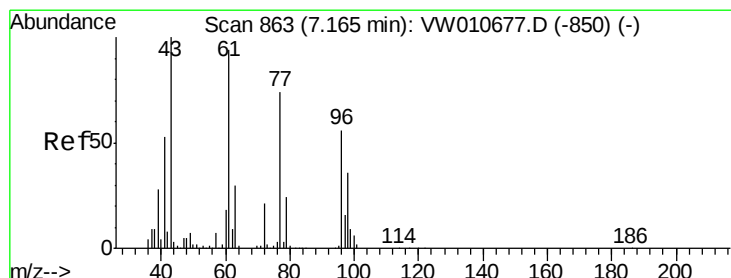
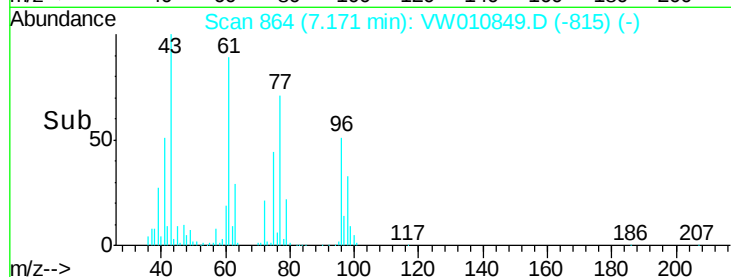
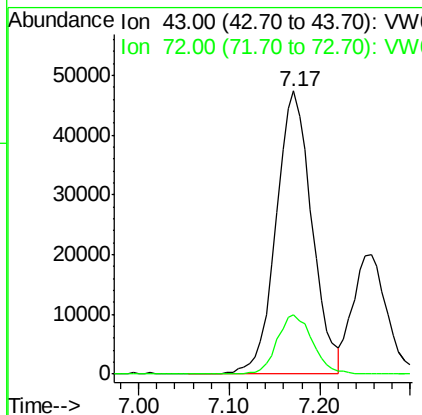
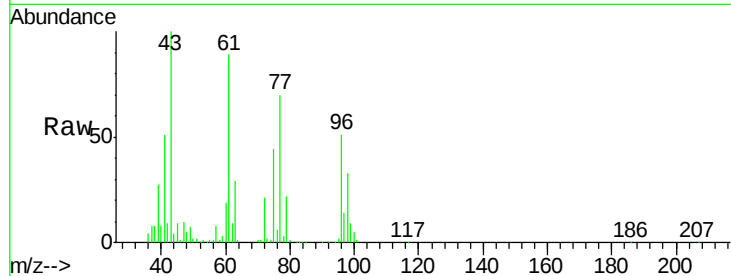
72 20.8 18.1 27.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 24.229 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW010849.D

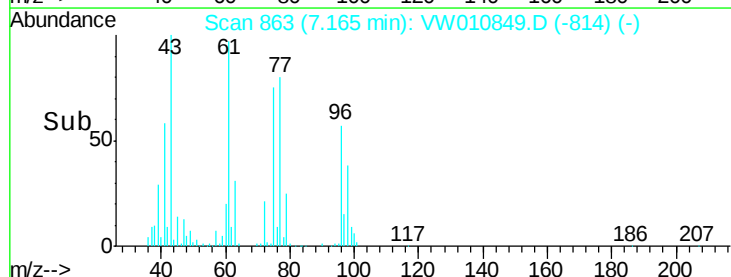
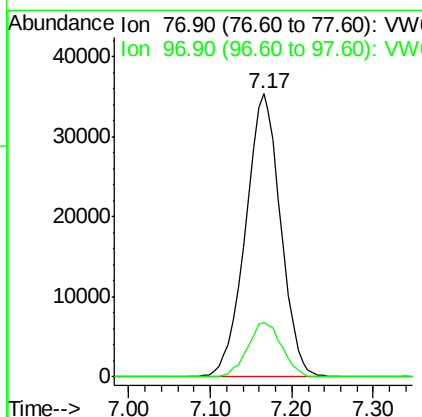
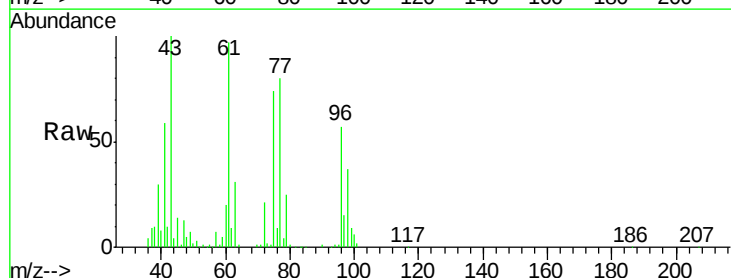
Acq: 19 Jun 2019 14:39

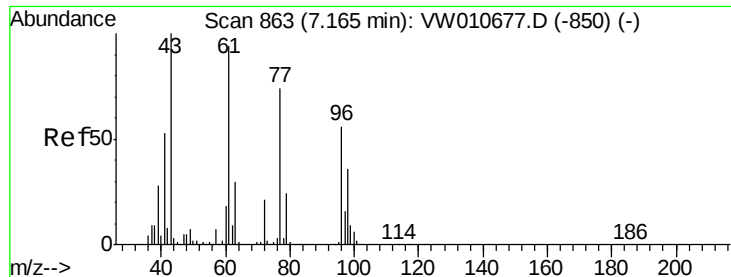
Tgt Ion: 77 Resp: 105802

Ion Ratio Lower Upper

77 100

97 18.8 10.5 31.6





#27

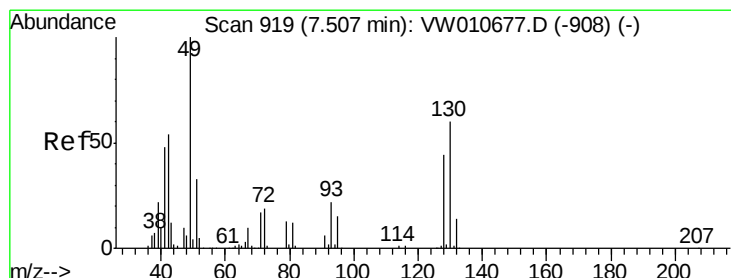
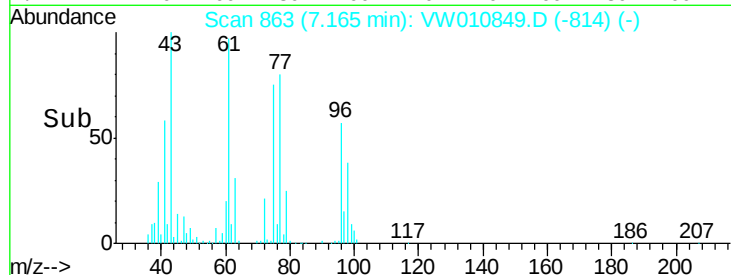
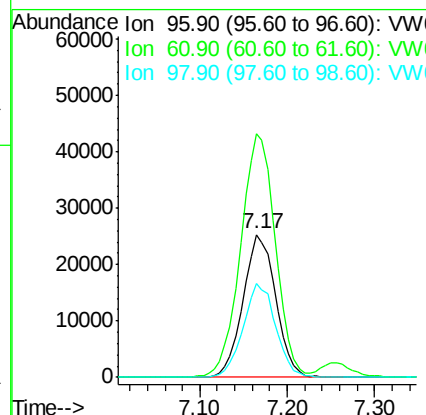
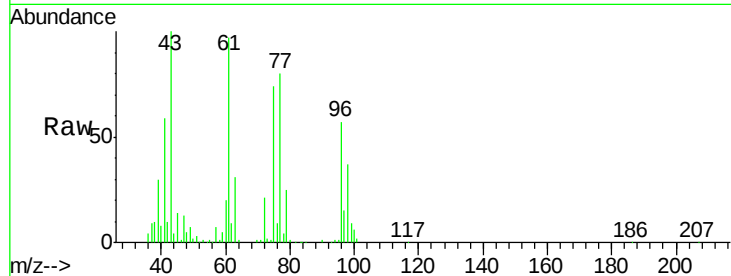
cis-1,2-Dichloroethene
Concen: 21.683 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	181.1	0.0	336.4
98	65.2	0.0	128.0

Manual Integrations
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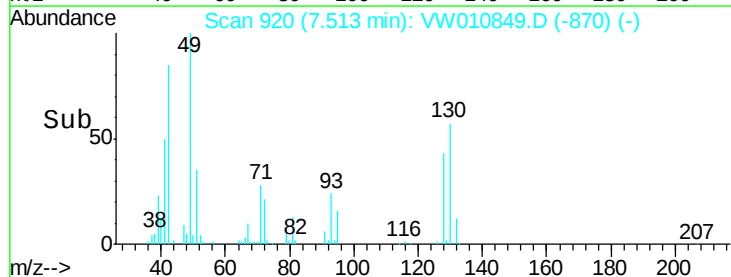
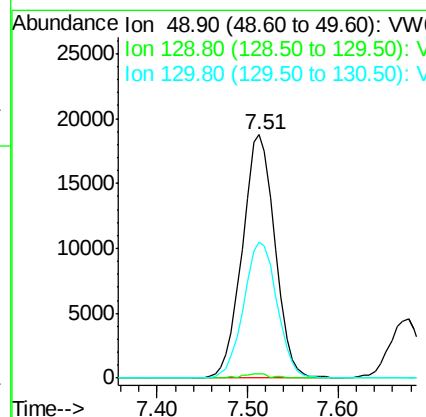
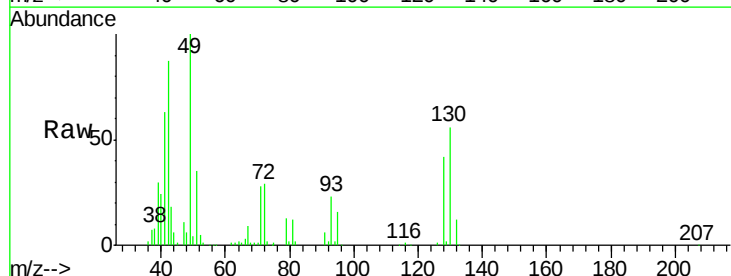
MMDadoda
6/20/2019 12:00:17 PM

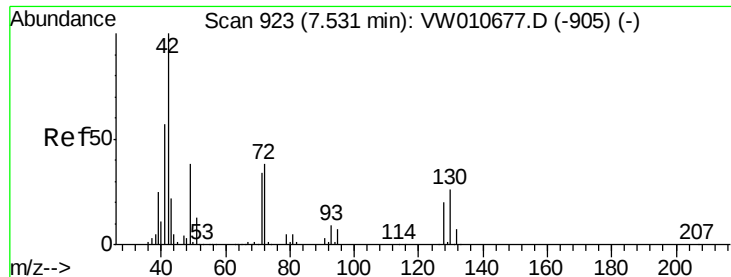


#28

Bromochloromethane
Concen: 19.525 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.2
130	57.1	48.3	72.5





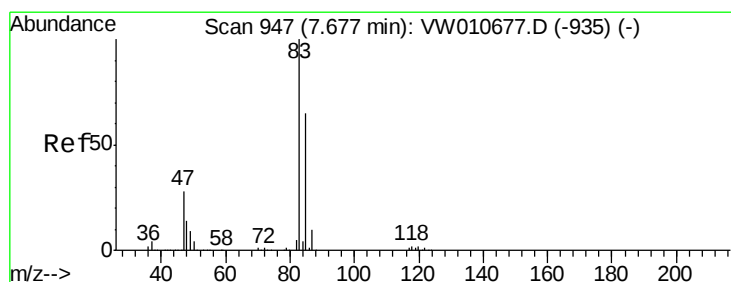
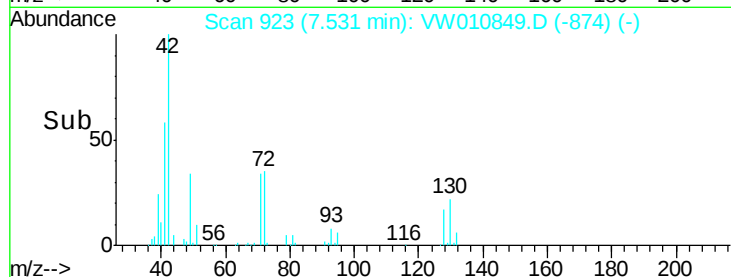
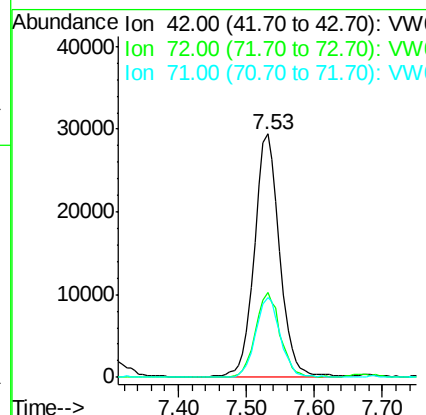
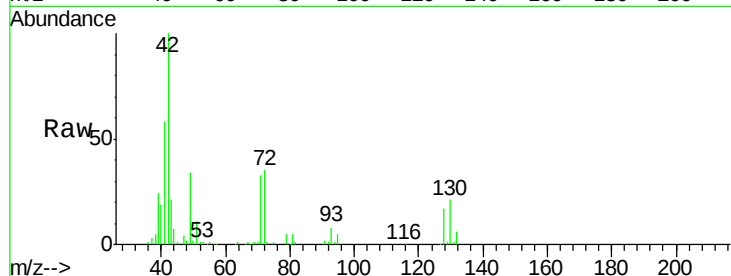
#29
Tetrahydrofuran
Concen: 110.149 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.4	28.7	43.1
71	32.3	26.6	39.8

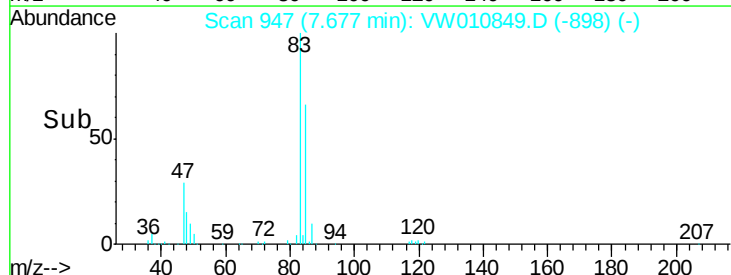
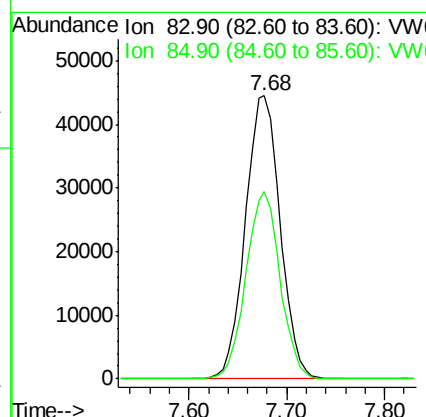
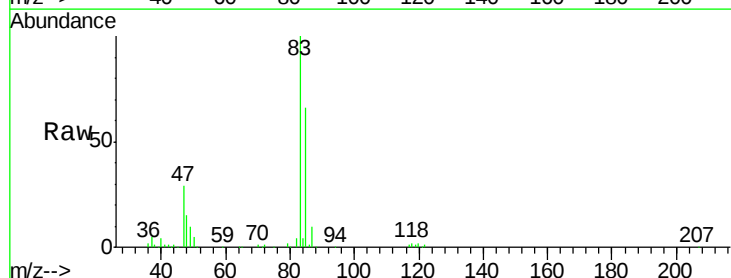
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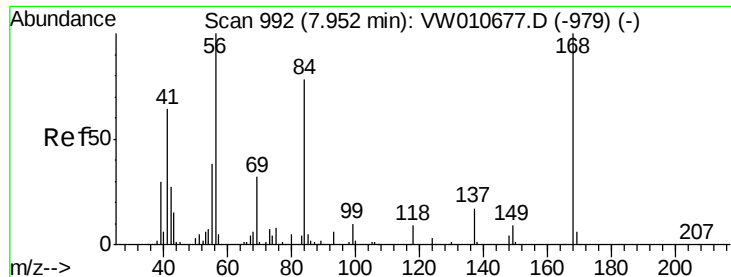
MMDadoda
6/20/2019 12:00:17 PM



#30
Chloroform
Concen: 22.367 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.8	77.8





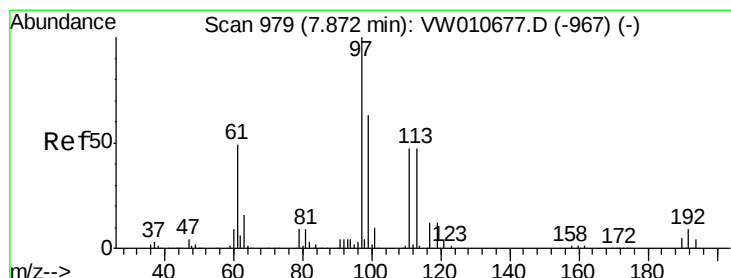
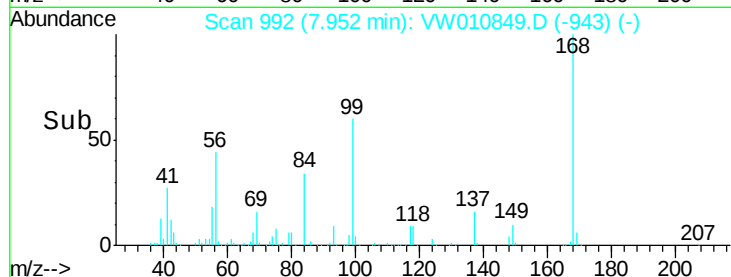
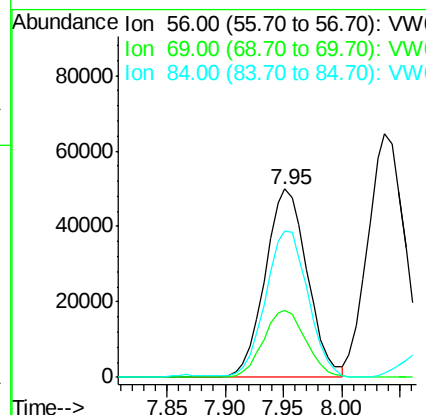
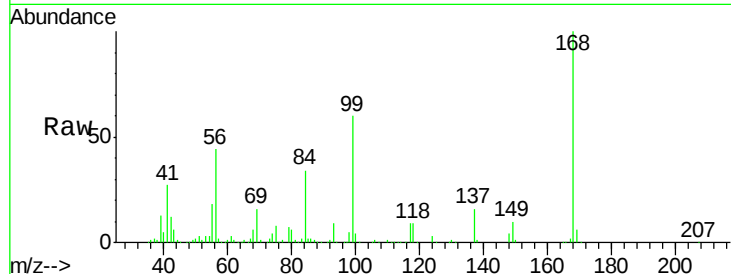
#31
Cyclohexane
Concen: 21.125 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.8	25.2	37.8
84	76.4	62.2	93.2

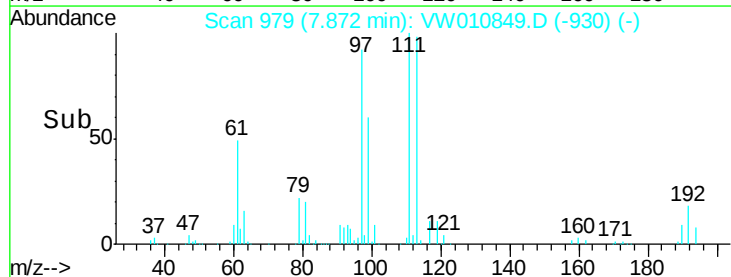
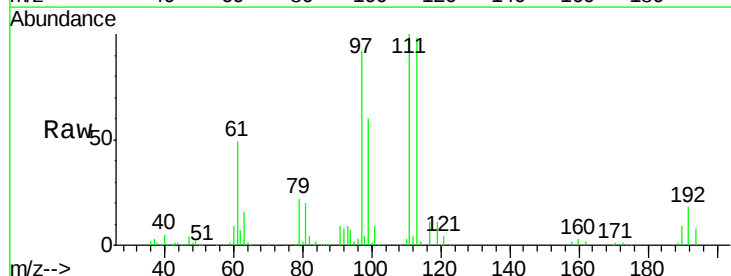
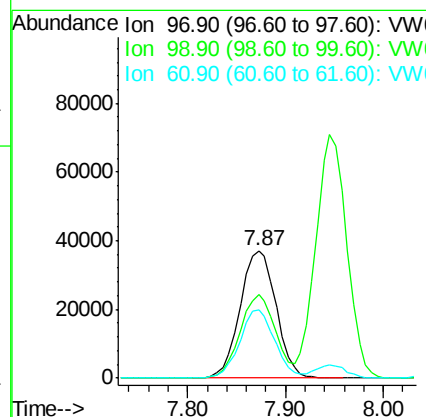
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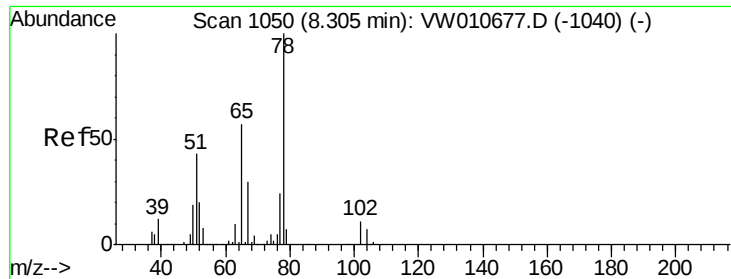
MMDadoda
6/20/2019 12:00:17 PM



#32
1,1,1-Trichloroethane
Concen: 22.089 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.3	76.9
61	51.8	40.4	60.6





#33

1,2-Dichloroethane-d4

Concen: 56.316 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS01

Tot Ion: 65 Resp: 166500

Ion Ratio Lower Upper

65 100

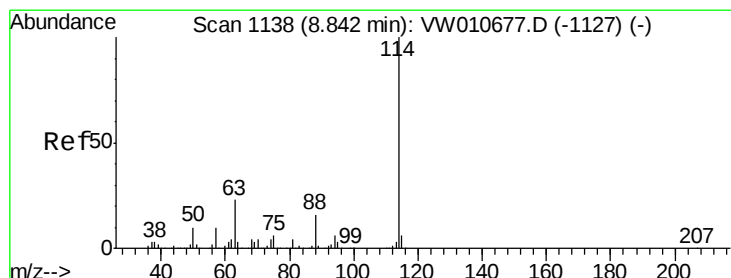
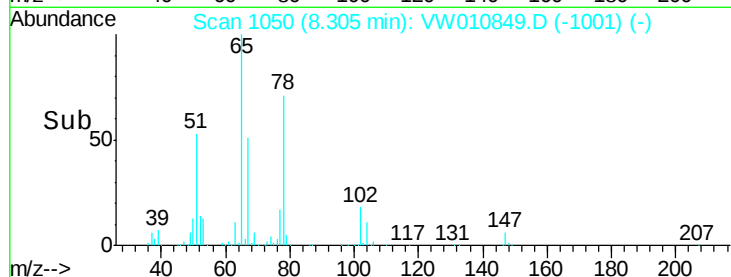
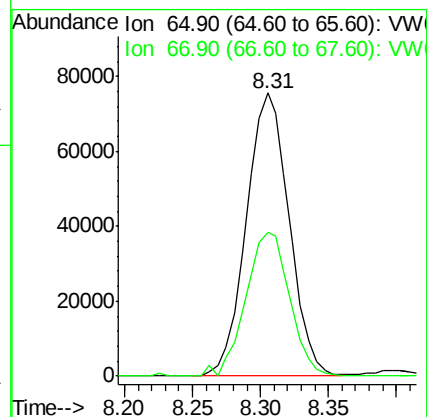
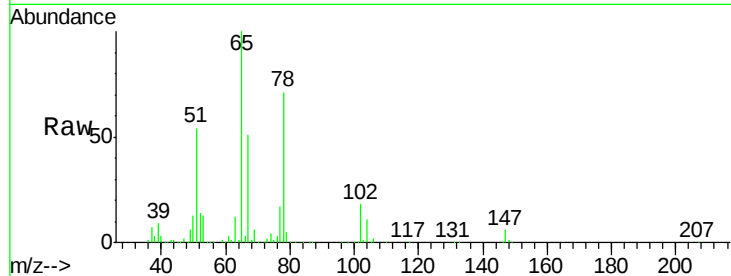
67 52.1 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

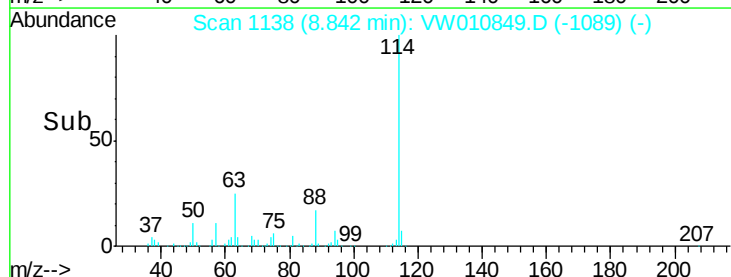
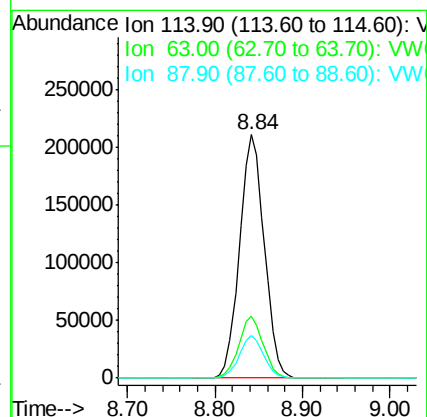
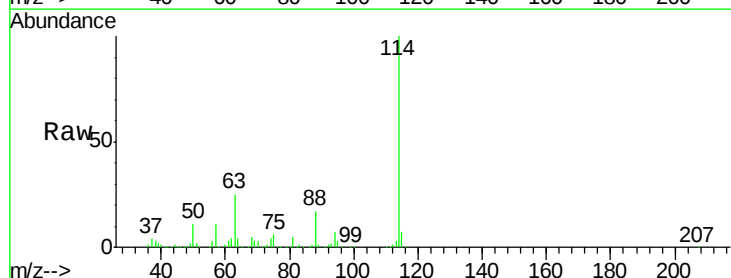
Tgt Ion: 114 Resp: 414429

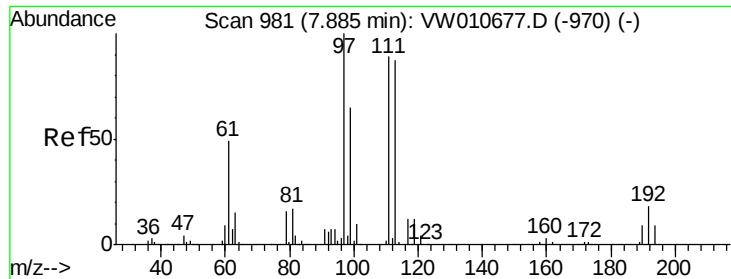
Ion Ratio Lower Upper

114 100

63 25.2 0.0 46.4

88 17.5 0.0 32.2





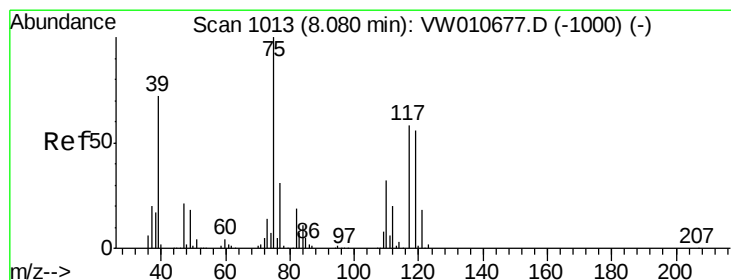
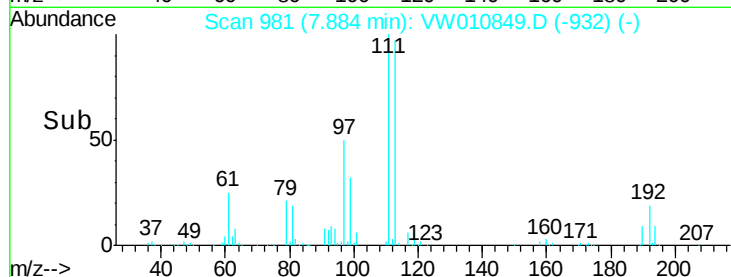
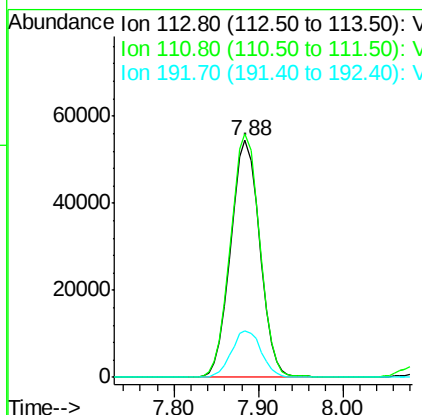
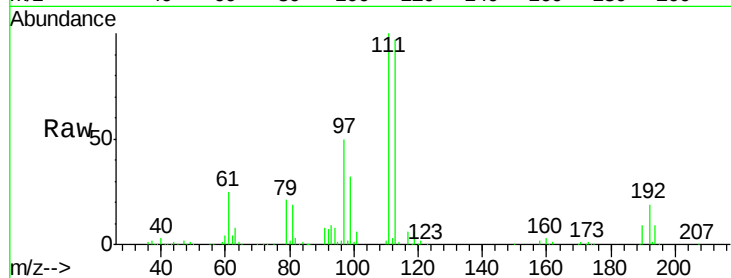
#35
 Dibromofluoromethane
 Concen: 56.620 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	127364		
111	103.2	82.6	123.8	
192	20.0	16.4	24.6	

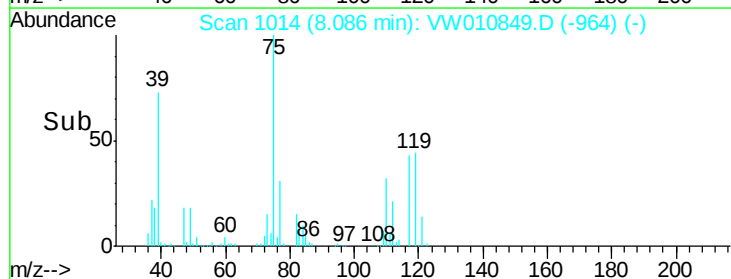
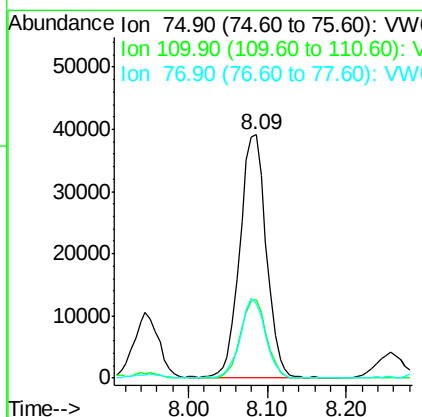
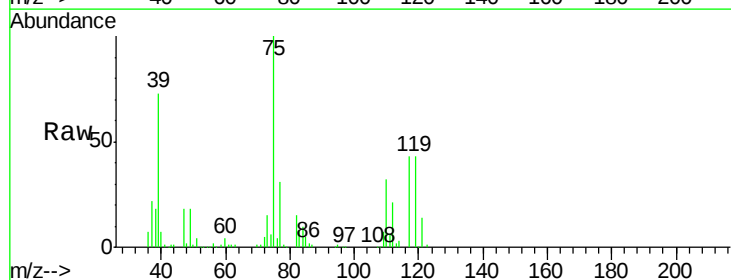
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 21.502 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	91213		
110	31.8	15.8	47.3	
77	31.5	24.7	37.1	





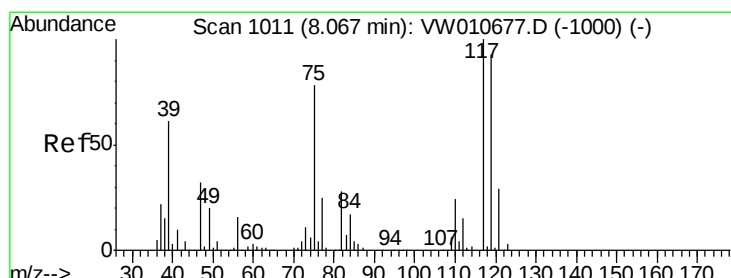
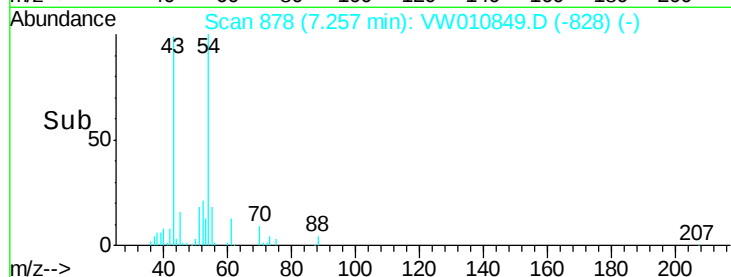
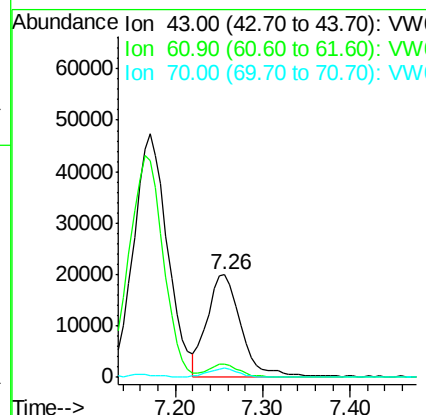
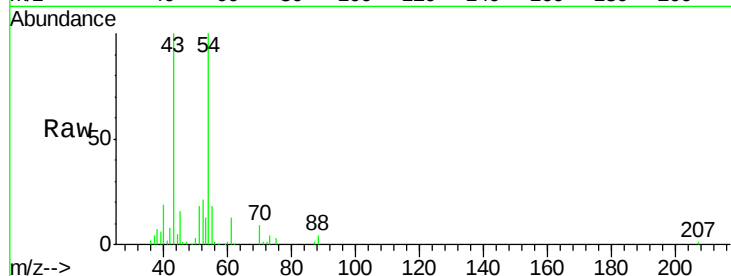
#37
Ethyl Acetate
Concen: 22.729 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.7	9.7	14.5
70	8.2	7.2	10.8

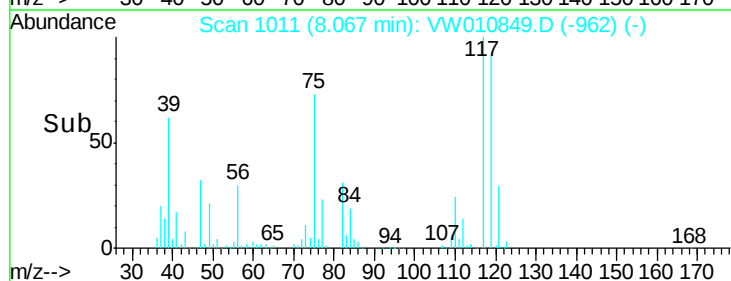
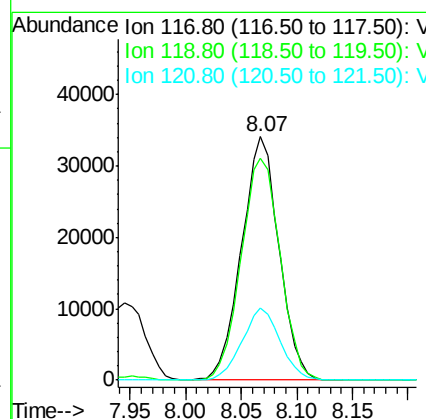
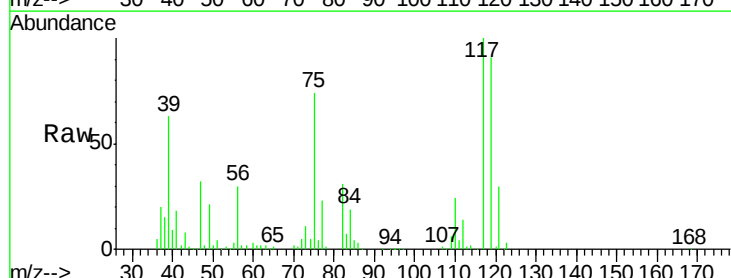
Manual Integrations
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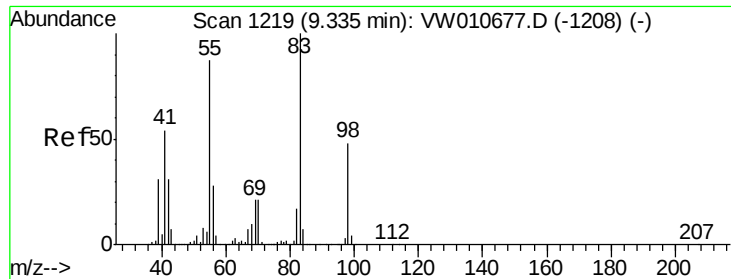
MMDadoda
6/20/2019 12:00:17 PM



#38
Carbon Tetrachloride
Concen: 21.702 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.3	74.2	111.4
121	29.8	22.9	34.3





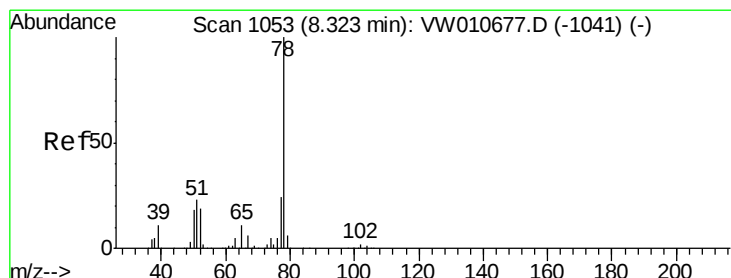
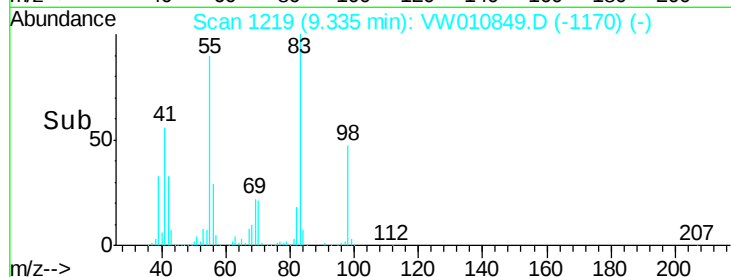
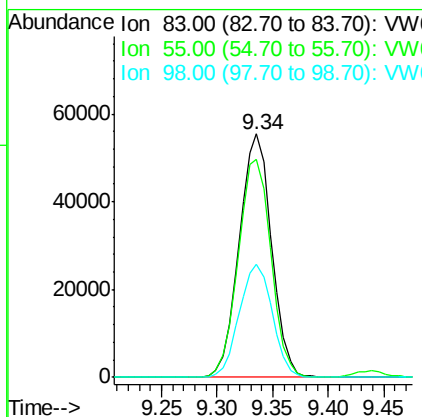
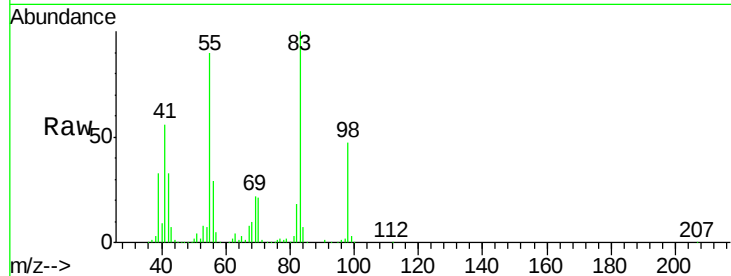
#39
Methvlcvclohexane
Concen: 20.705 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.6	70.0	105.0
98	46.7	38.1	57.1

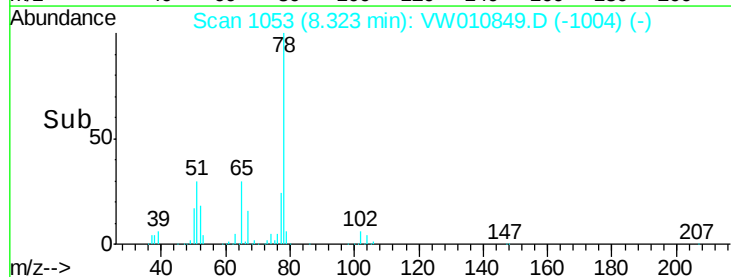
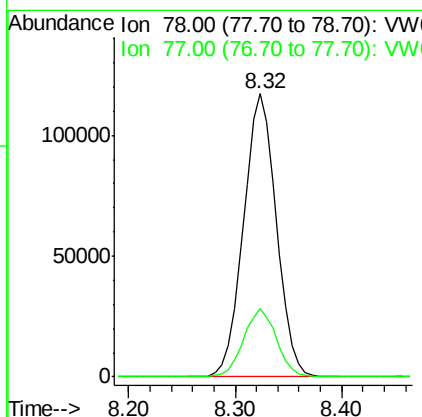
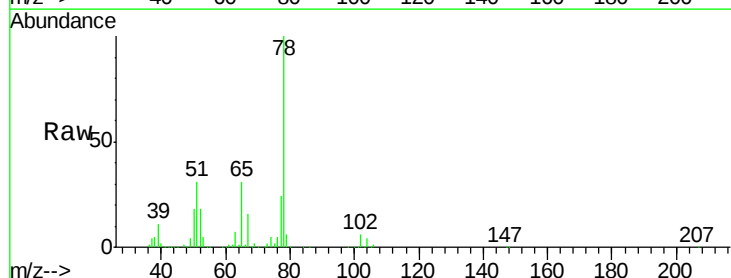
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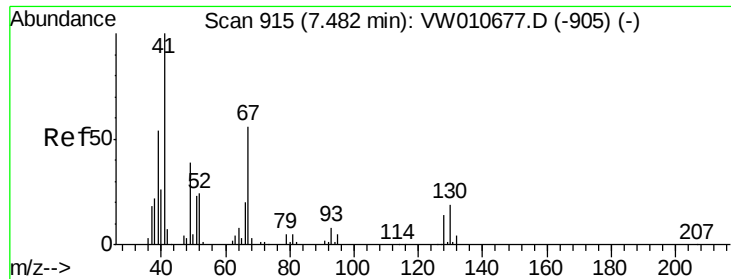
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6/20/2019 12:00:17 PM



#40
Benzene
Concen: 21.932 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.1	28.7





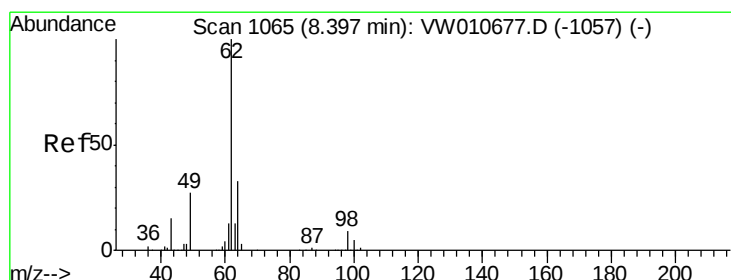
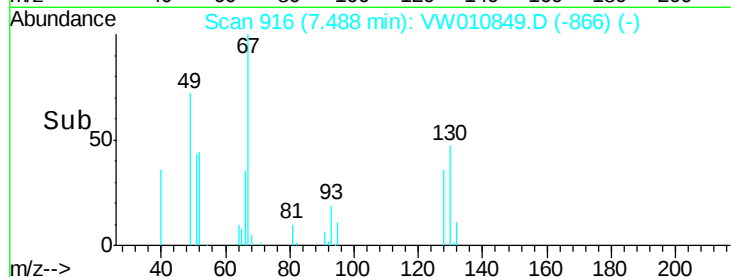
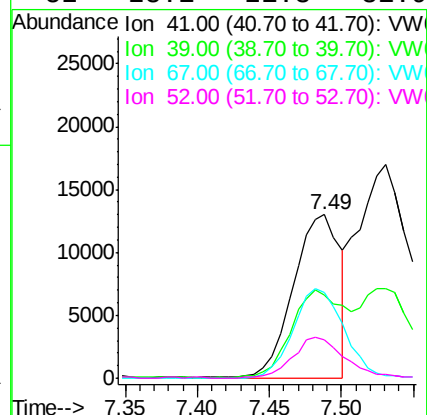
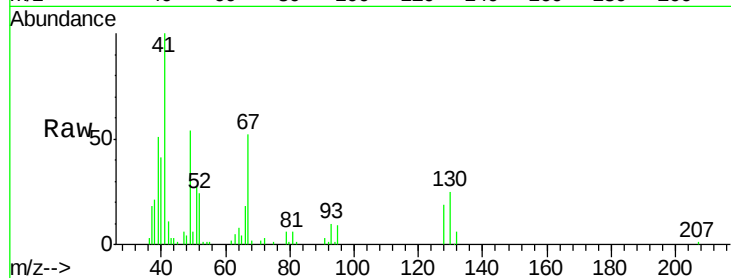
#41
Methacrylonitrile
Concen: 21.141 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	41	Resp	29540
Ion Ratio	Lower	Upper	
41	100		
39	62.4	47.3	70.9
67	59.6	47.2	70.8
52	28.1	21.3	31.9

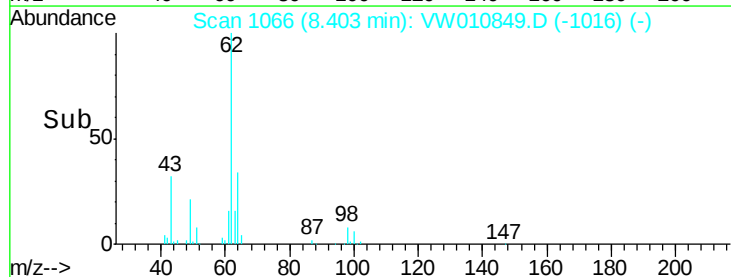
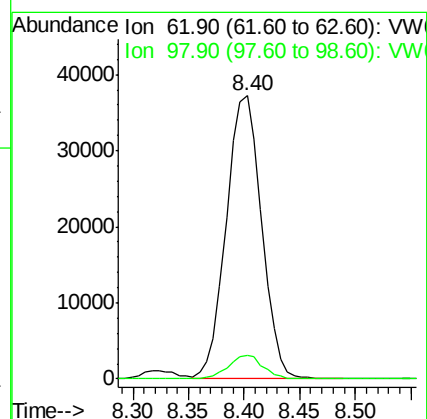
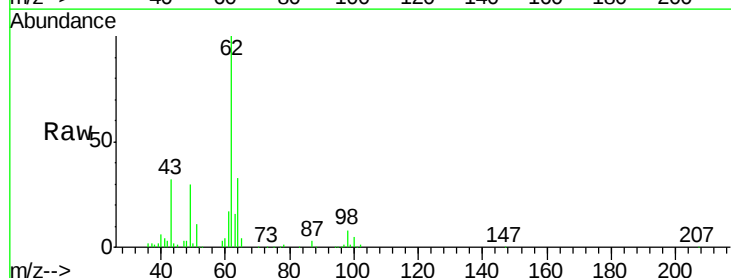
Manual Integrations
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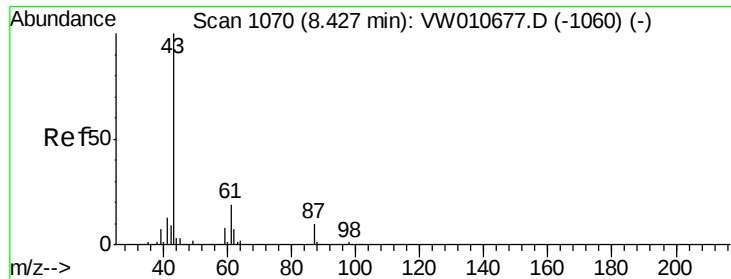
MMDadoda
6/20/2019 12:00:17 PM



#42
1,2-Dichloroethane
Concen: 22.337 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	62	Resp	82044
Ion Ratio	Lower	Upper	
62	100		
98	8.1	0.0	17.2





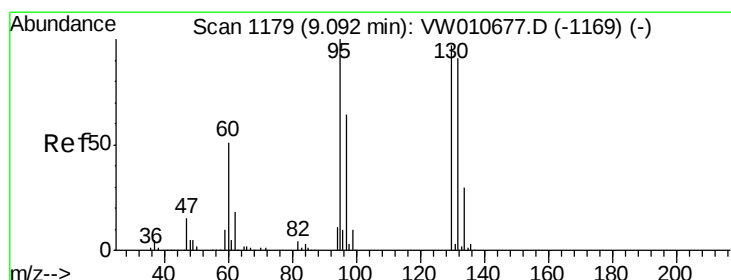
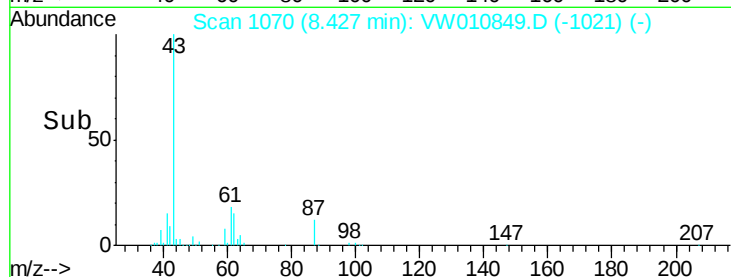
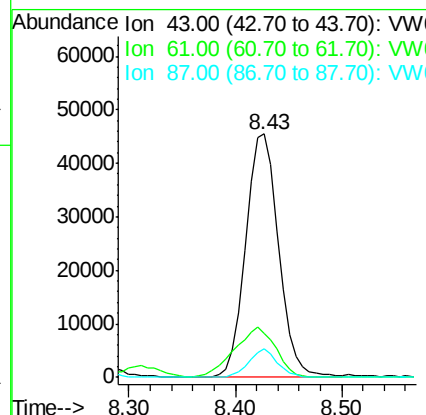
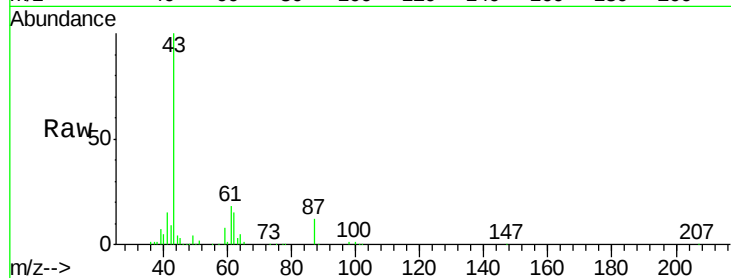
#43
Isopropyl Acetate
Concen: 21.698 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.2	21.2	31.8
87	10.4	8.3	12.5

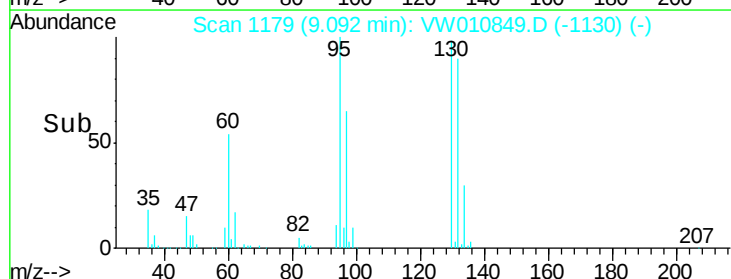
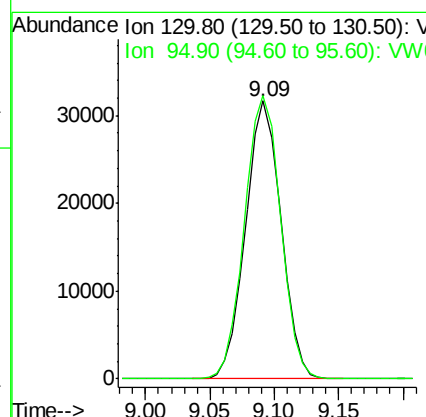
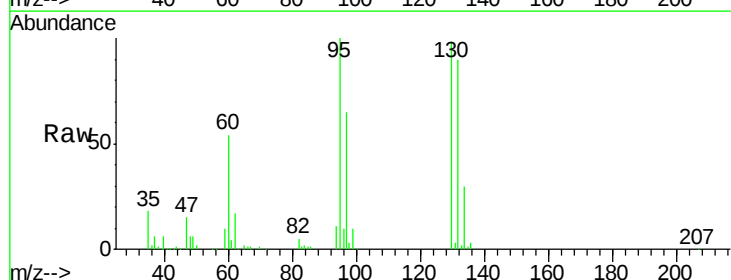
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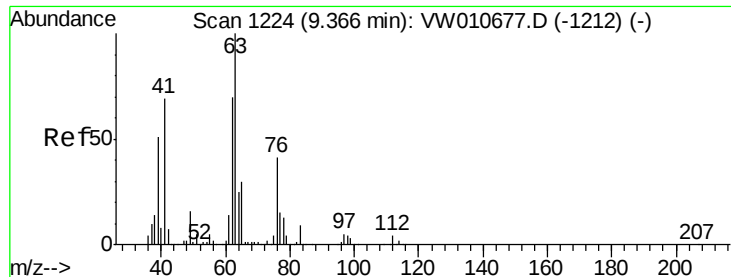
MMDadoda
6/20/2019 12:00:17 PM



#44
Trichloroethene
Concen: 21.169 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.9	0.0	207.0





#45

1,2-Dichloropropane

Concen: 22.442 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS01

Tot Ion: 63 Resp: 68752

Ion Ratio Lower Upper

63 100

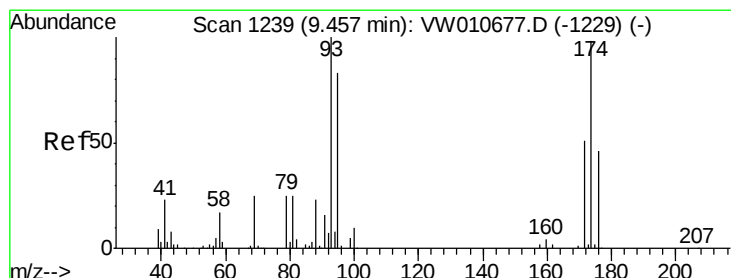
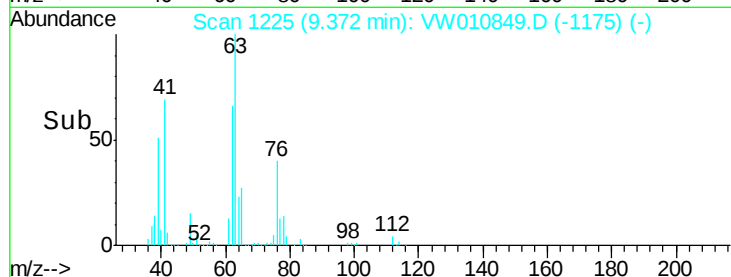
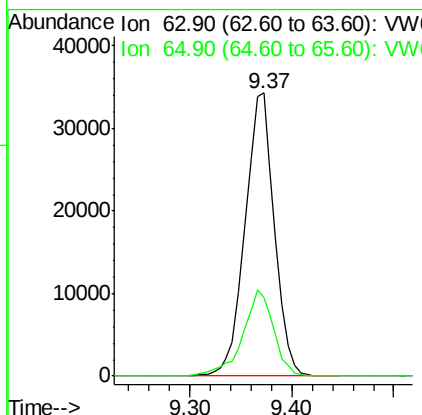
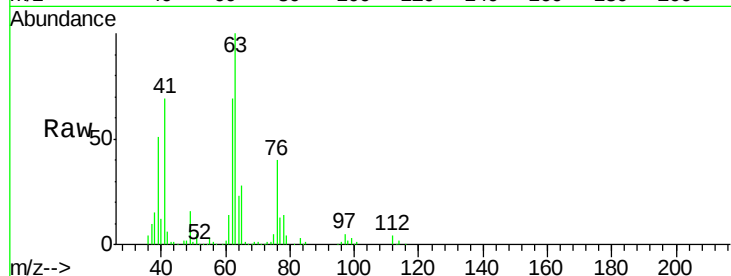
65 27.8 23.8 35.6

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#46

Dibromomethane

Concen: 21.782 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

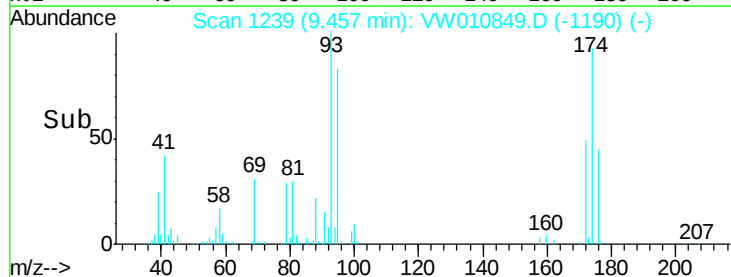
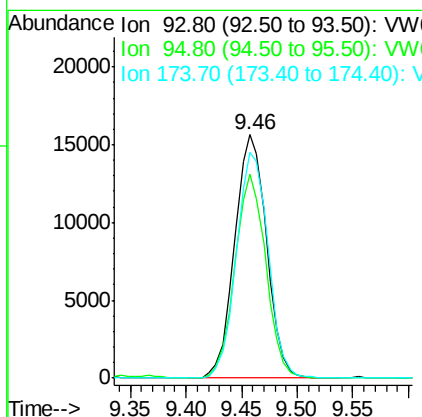
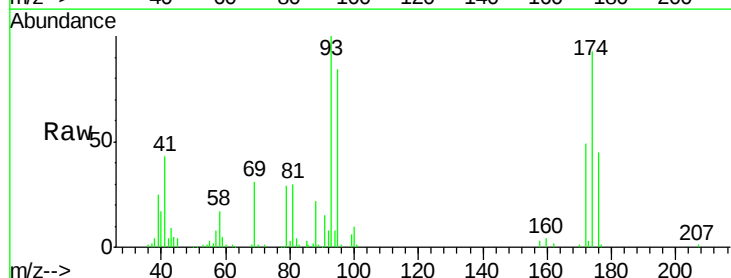
Tgt Ion: 93 Resp: 30994

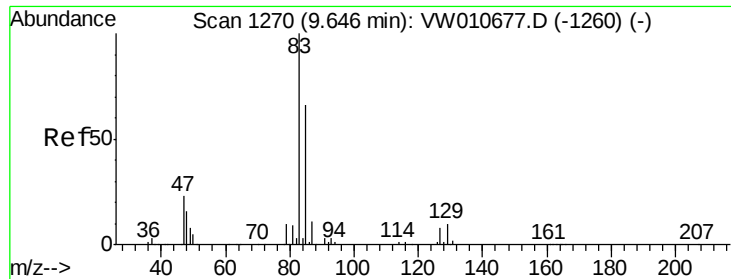
Ion Ratio Lower Upper

93 100

95 81.4 65.8 98.8

174 92.2 77.4 116.0





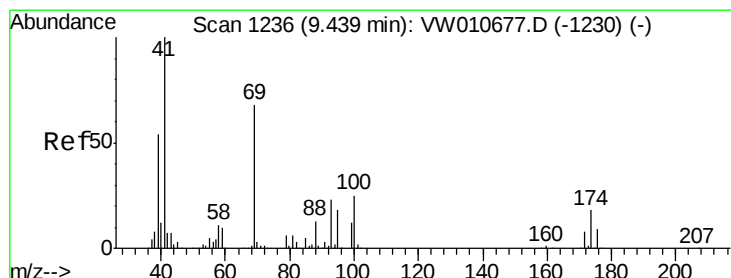
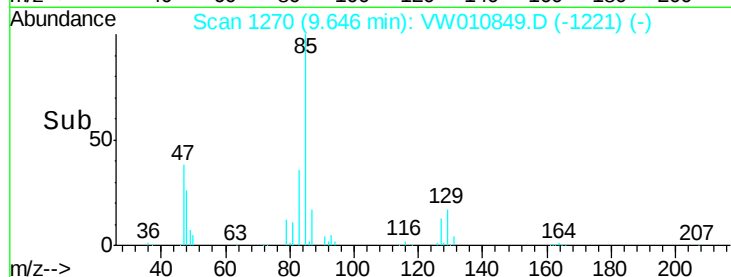
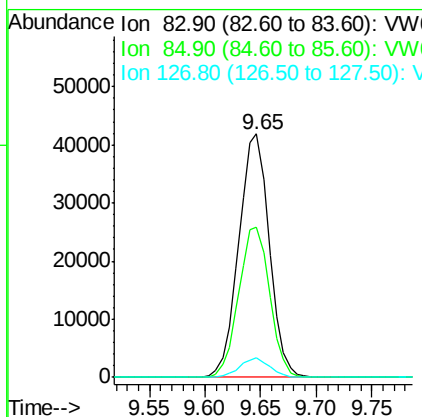
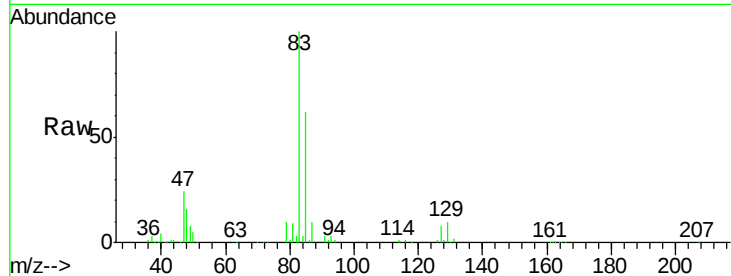
#47
Bromodichloromethane
Concen: 21.580 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	79598		
85	61.8	53.0	79.4	
127	7.8	6.4	9.6	

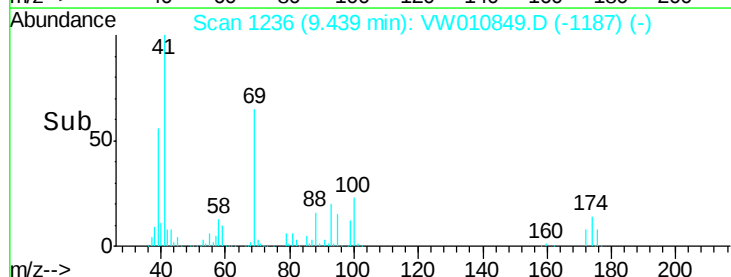
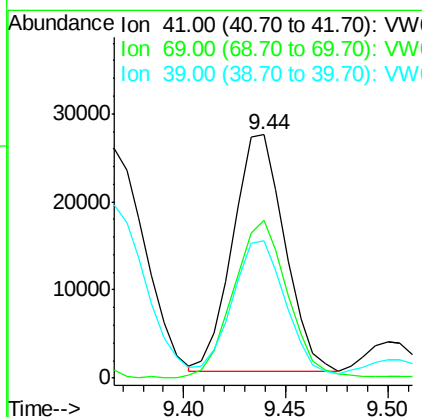
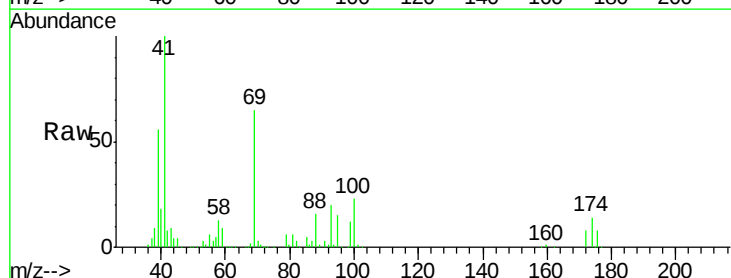
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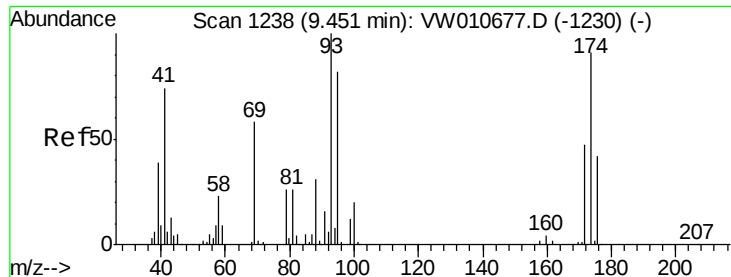
MMDadoda
6/20/2019 12:00:17 PM



#48
Methyl methacrylate
Concen: 21.618 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	47336		
69	69.3	56.6	85.0	
39	61.1	44.4	66.6	





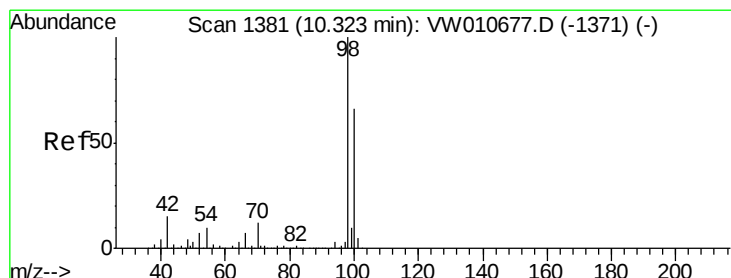
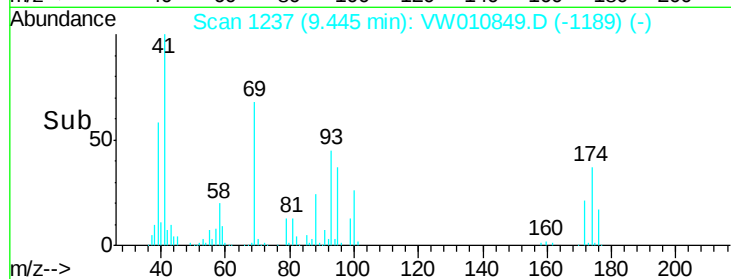
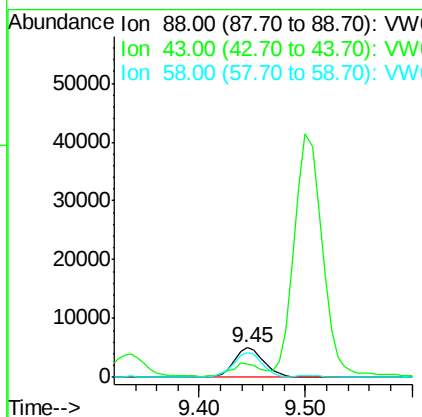
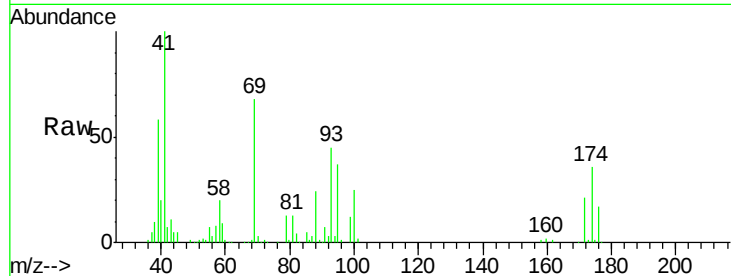
#49
1,4-Dioxane
Concen: 450.587 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	88	Resp	10024
Ion	Ratio	Lower	Upper
88	100		
43	42.4	34.2	51.4
58	81.2	69.0	103.4

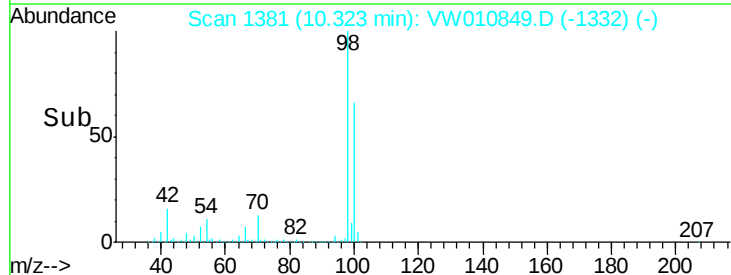
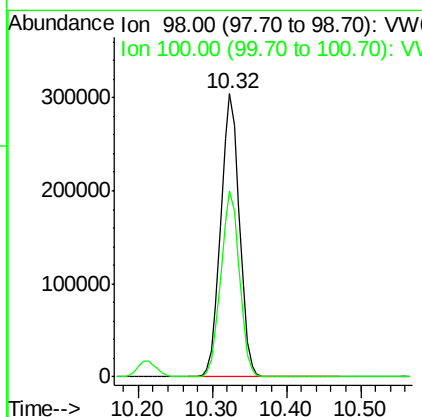
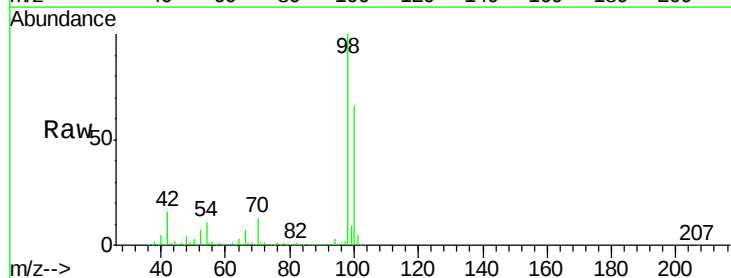
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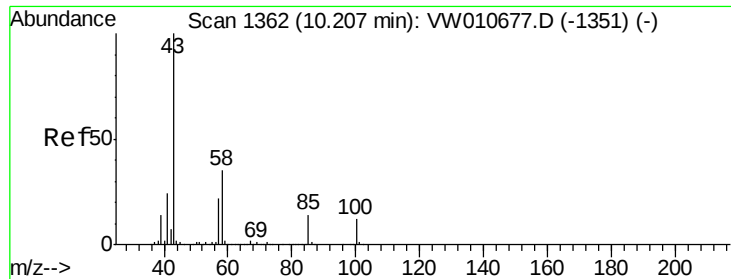
MMDadoda
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#50
Toluene-d8
Concen: 53.672 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	98	Resp	529425
Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 111.784 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS01

Tot Ion: 43 Resp: 259353

Ion Ratio Lower Upper

43 100

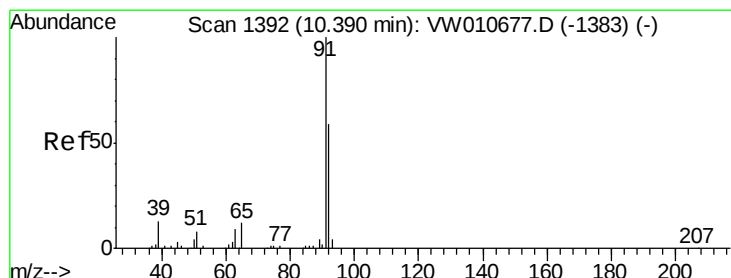
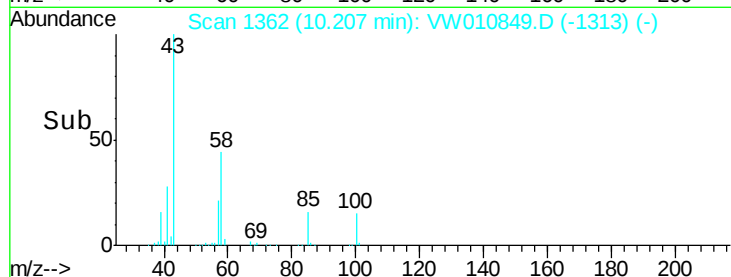
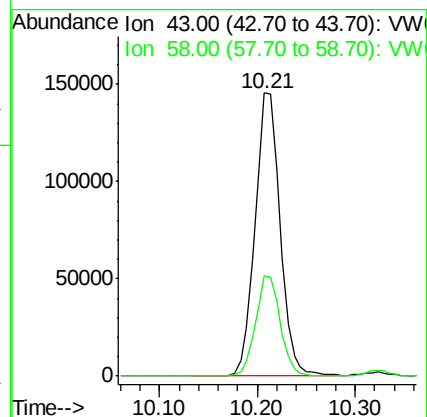
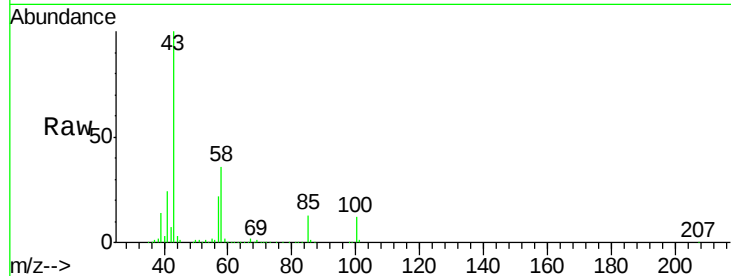
58 34.9 28.4 42.6

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#52

Toluene

Concen: 21.644 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW010849.D

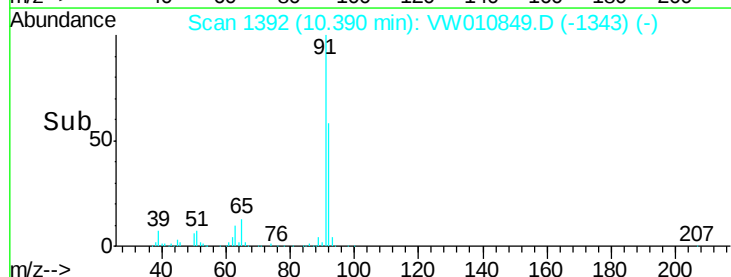
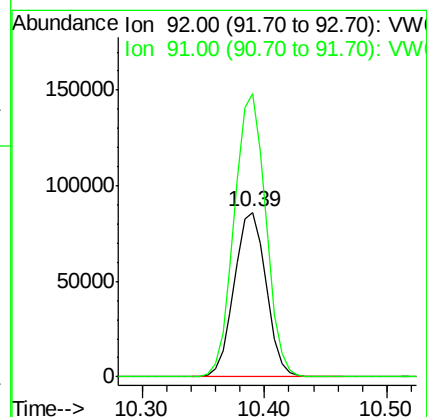
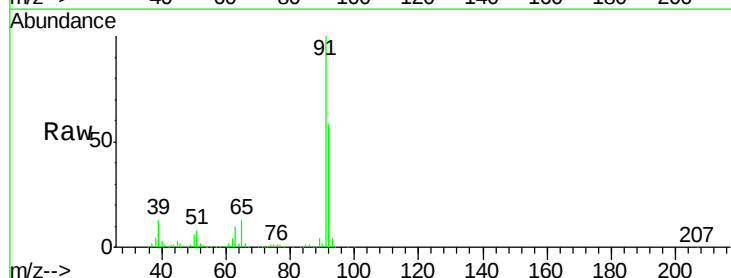
Acq: 19 Jun 2019 14:39

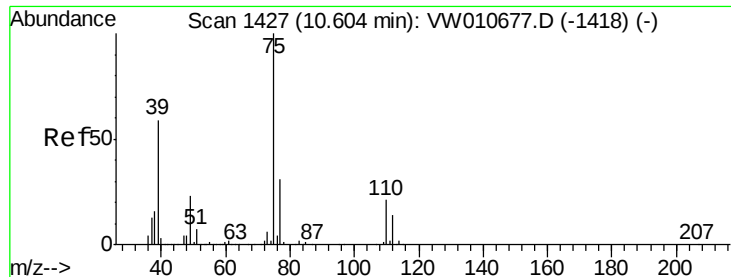
Tgt Ion: 92 Resp: 154116

Ion Ratio Lower Upper

92 100

91 171.1 134.9 202.3





#53

t-1,3-Dichloropropene

Concen: 21.350 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS01

Tot Ion: 75 Resp: 83410

Ion Ratio Lower Upper

75 100

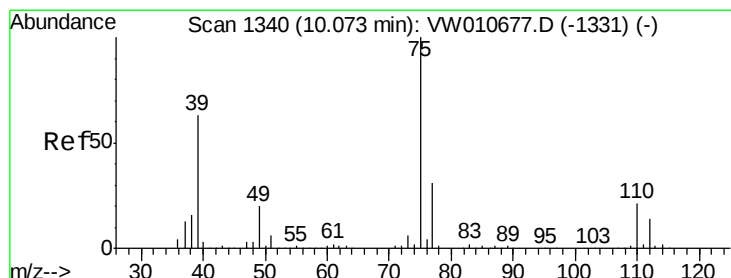
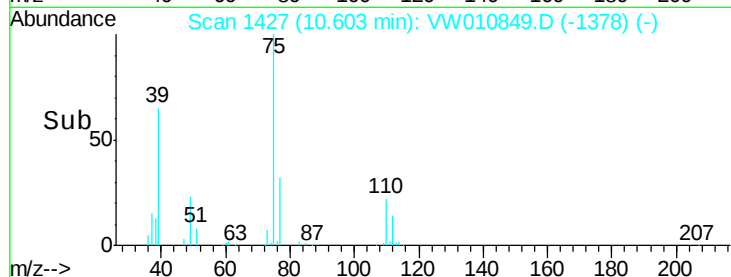
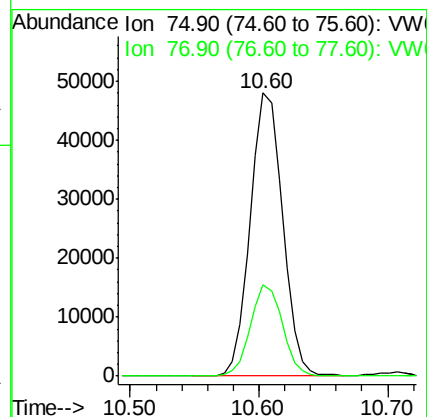
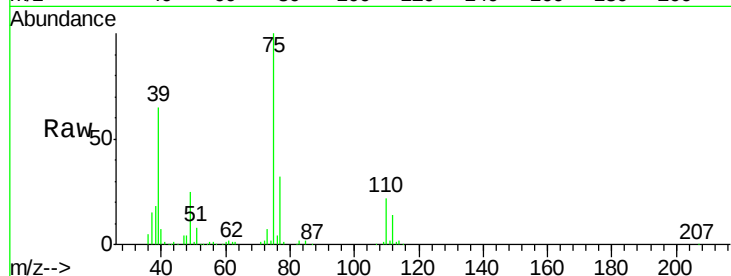
77 32.3 24.6 36.8

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#54

cis-1,3-Dichloropropene

Concen: 21.418 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

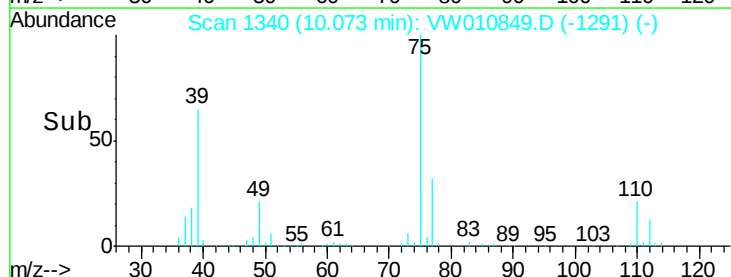
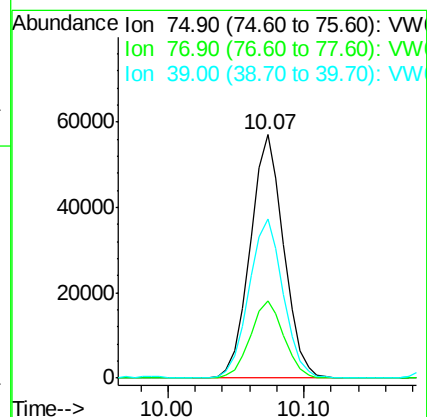
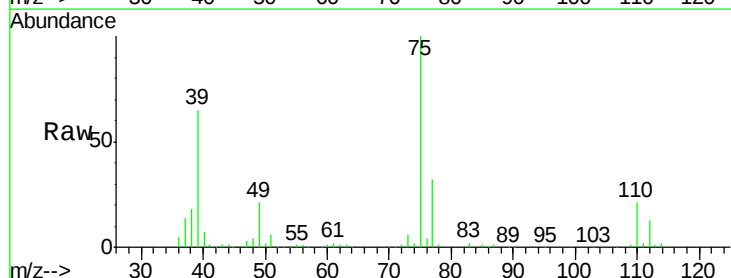
Tgt Ion: 75 Resp: 98460

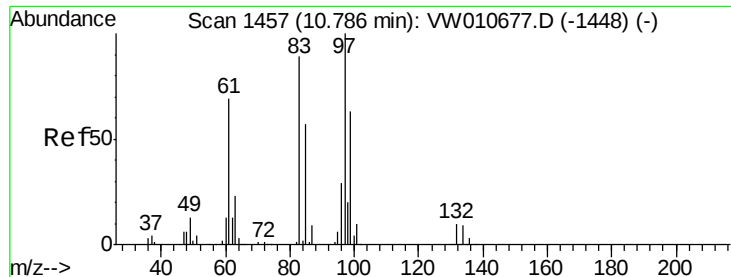
Ion Ratio Lower Upper

75 100

77 31.6 25.2 37.8

39 65.2 50.1 75.1





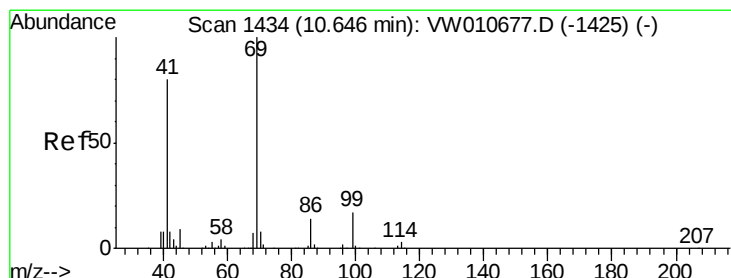
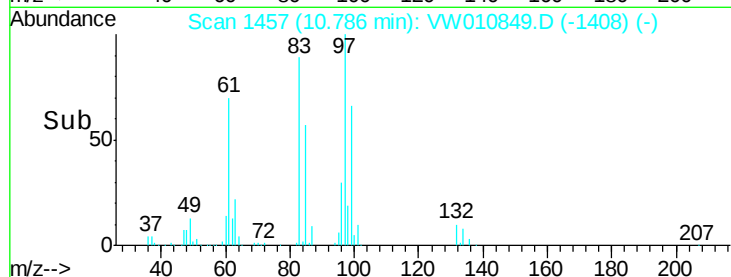
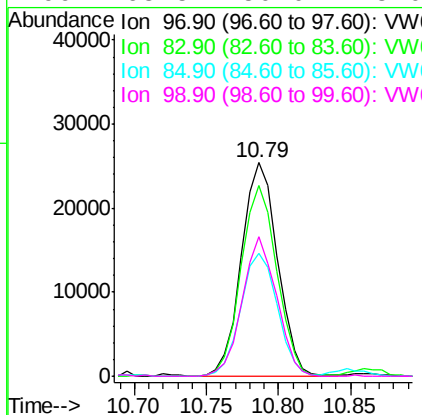
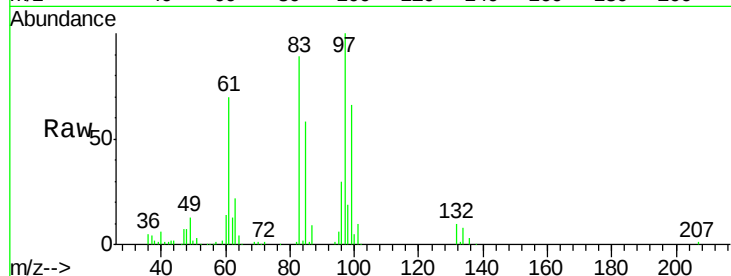
#55
 1,1,2-Trichloroethane
 Concen: 21.588 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBSD01

Tot Ion:	97	Resp:	44251
Ion	Ratio	Lower	Upper
97	100		
83	89.3	71.1	106.7
85	57.7	45.2	67.8
99	65.5	50.0	75.0

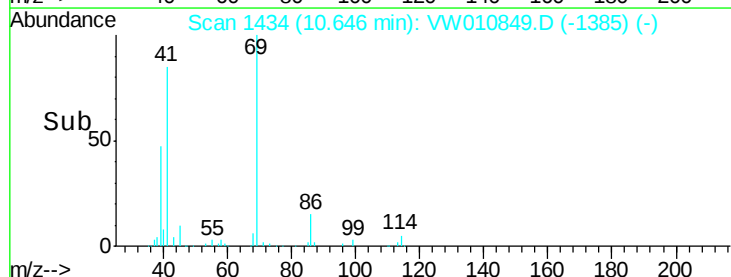
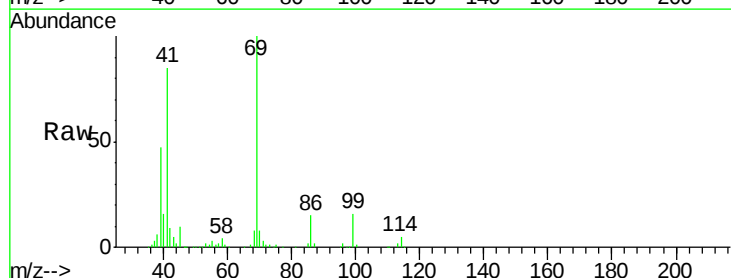
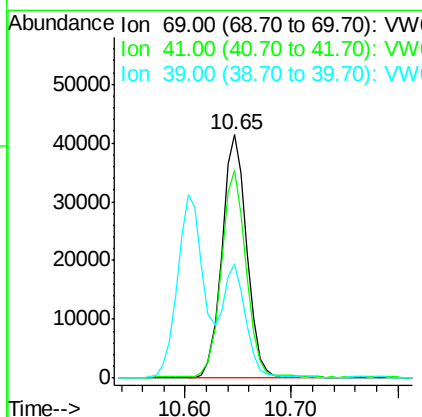
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#56
 Ethyl methacrylate
 Concen: 21.402 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Tgt Ion:	69	Resp:	67507
Ion	Ratio	Lower	Upper
69	100		
41	83.5	64.8	97.2
39	42.4	32.2	48.2





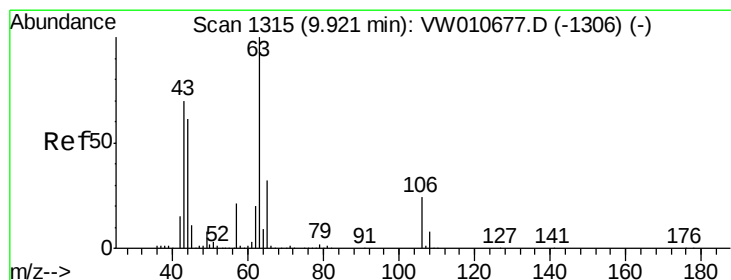
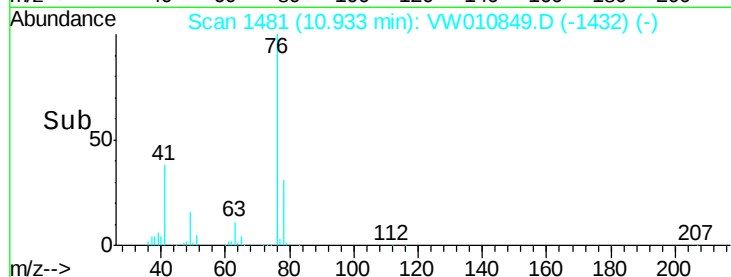
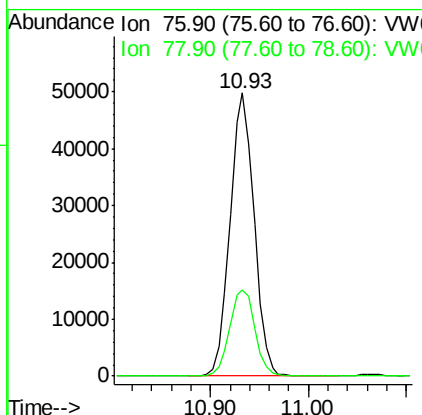
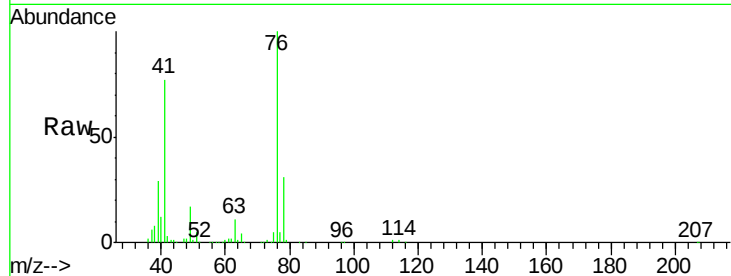
#57
 1,3-Dichloropropane
 Concen: 21.943 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS01

Tot Ion: 76 Resp: 84765
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

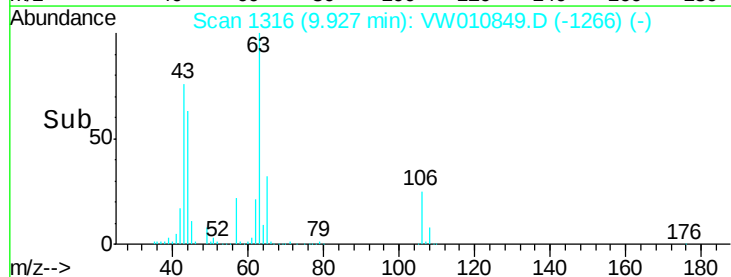
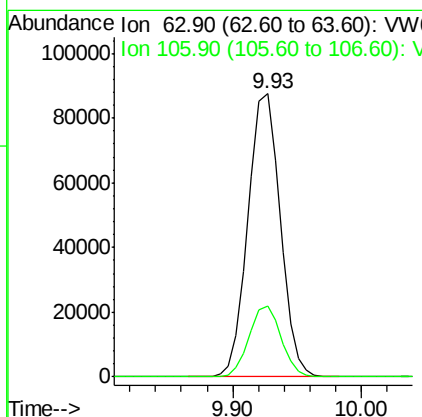
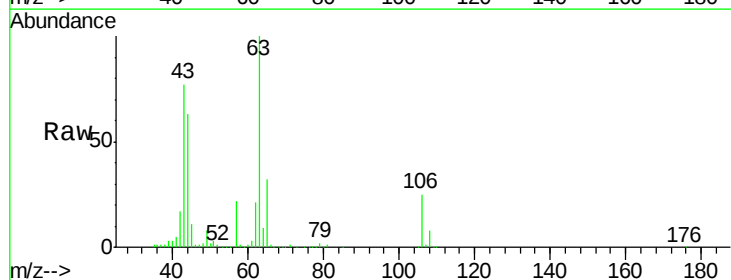
Manual Integrations
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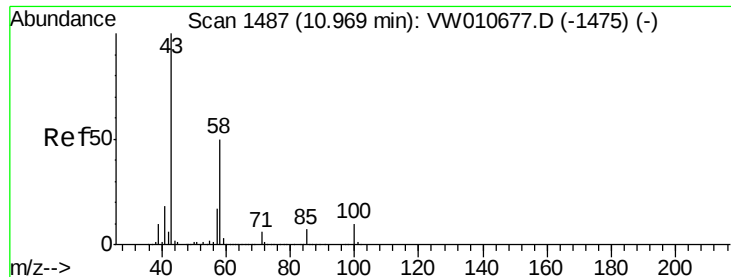
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 91.980 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Tgt Ion: 63 Resp: 151958
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.1 30.1





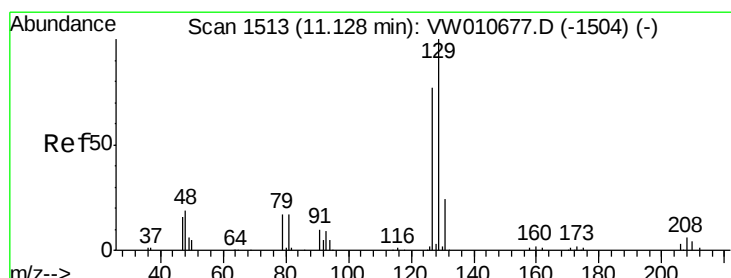
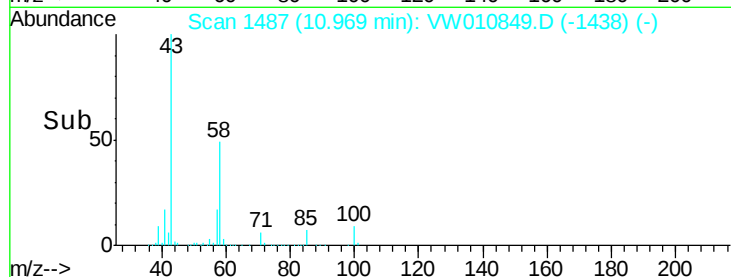
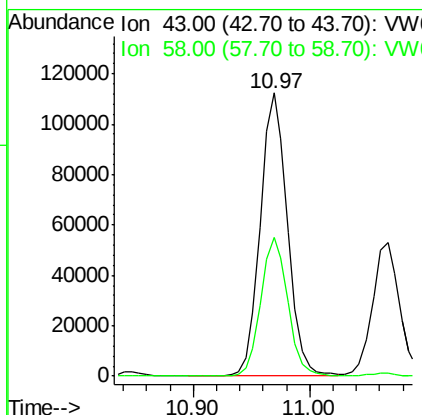
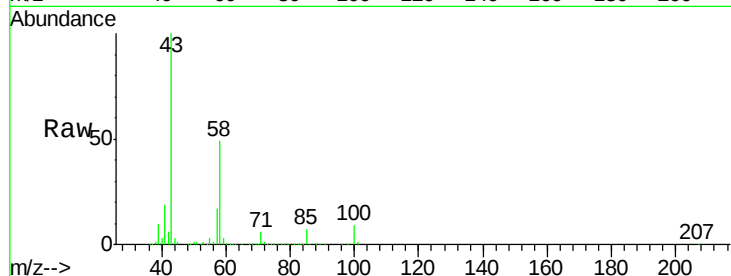
#59
2-Hexanone
Concen: 108.949 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion: 43 Resp: 182686
Ion Ratio Lower Upper
43 100
58 48.9 24.9 74.6

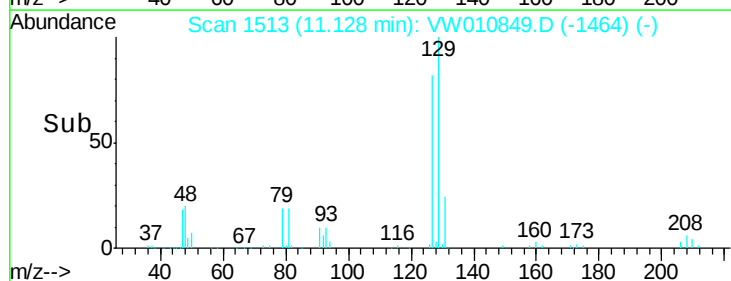
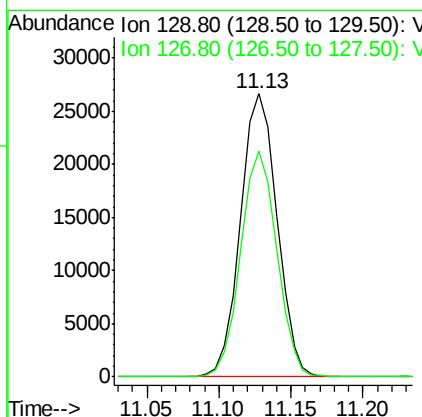
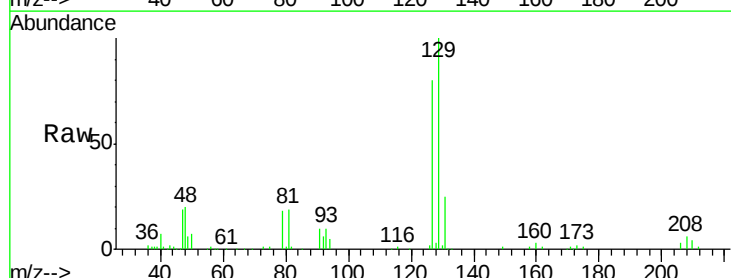
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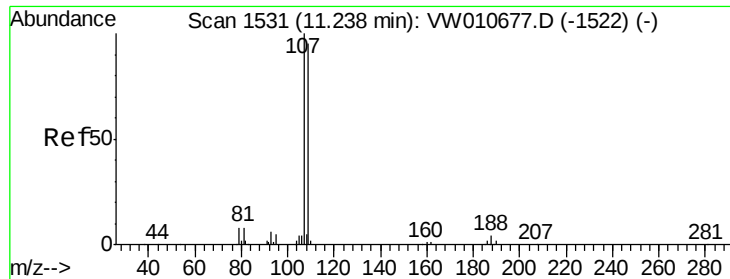
MMDadoda
6/20/2019 12:00:17 PM



#60
Dibromochloromethane
Concen: 20.656 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion: 129 Resp: 46937
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 21.672 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS01

Tot Ion: 107 Resp: 42091

Ion Ratio Lower Upper

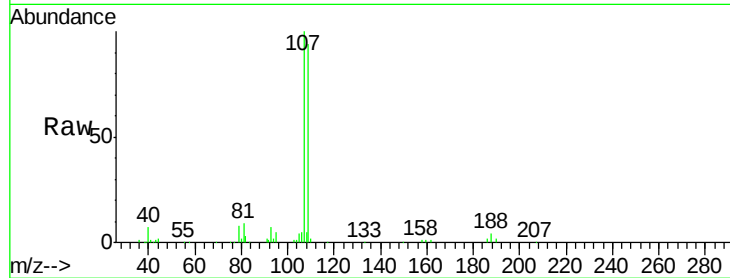
107 100

109 94.0 75.8 113.8

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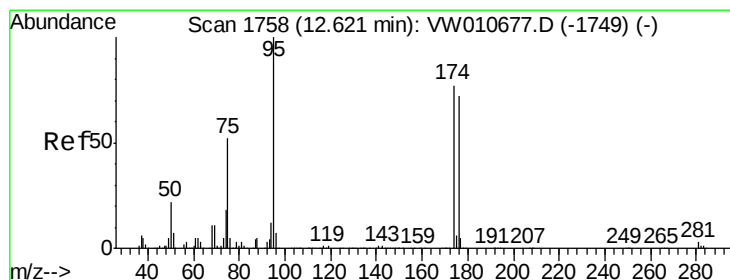
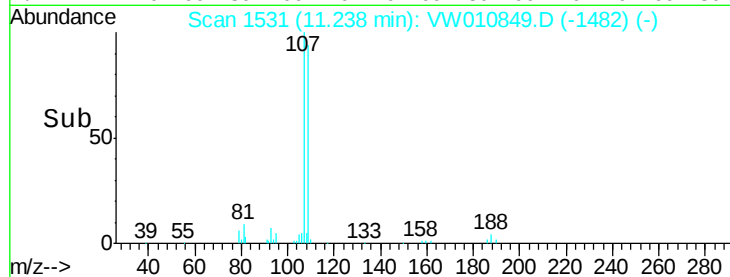
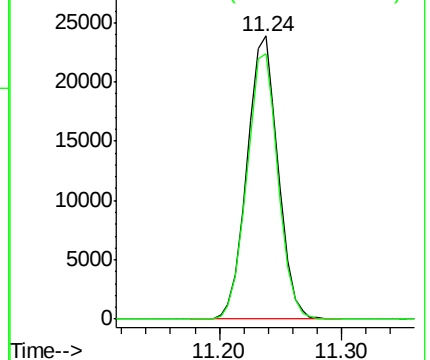
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.635 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

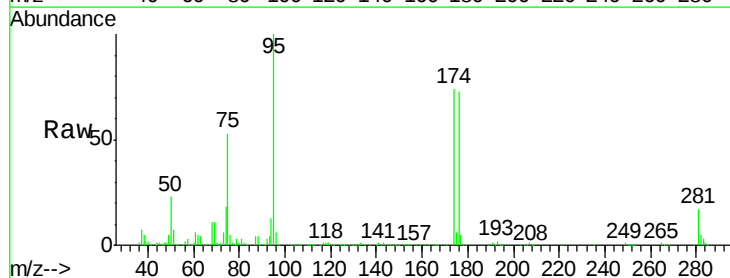
Tgt Ion: 95 Resp: 196107

Ion Ratio Lower Upper

95 100

174 73.2 0.0 150.4

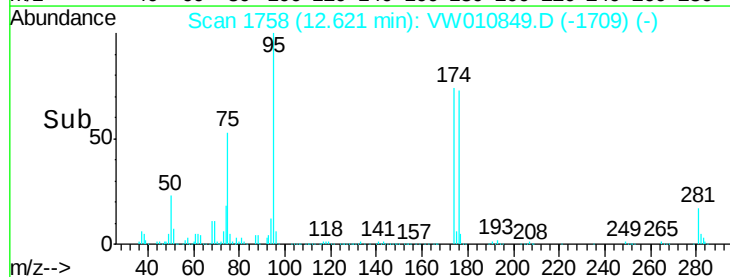
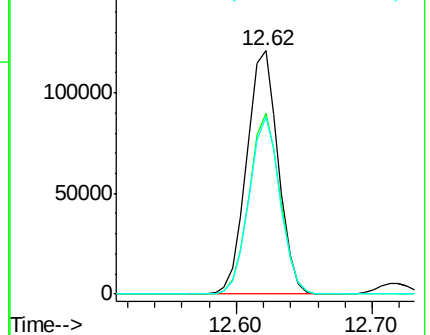
176 71.7 0.0 144.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





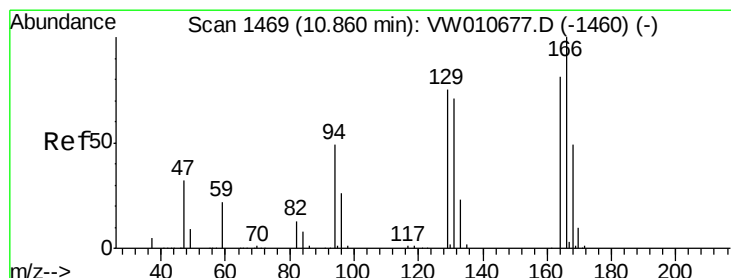
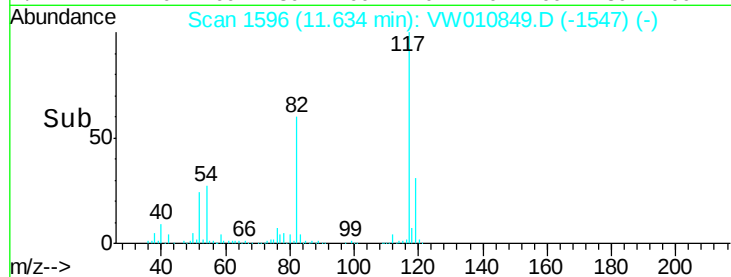
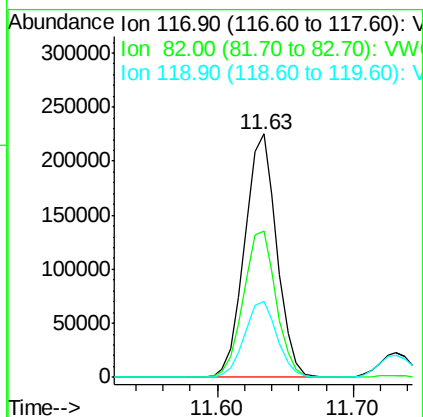
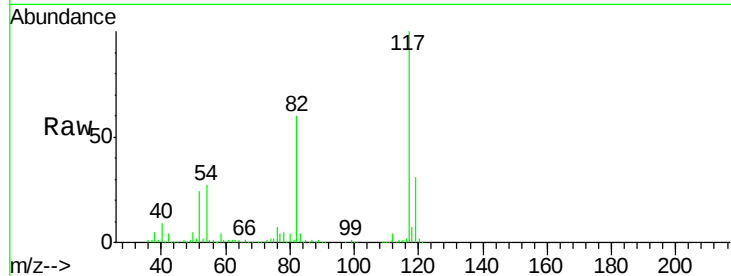
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.1	47.0	70.4
119	31.2	25.1	37.7

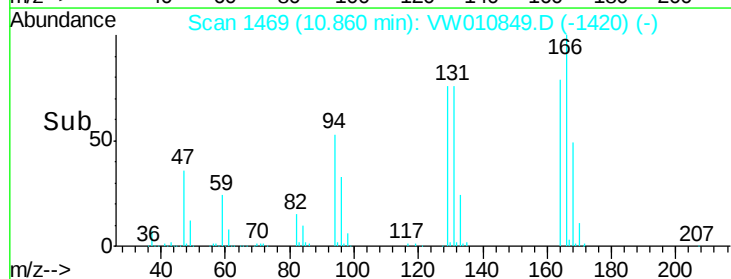
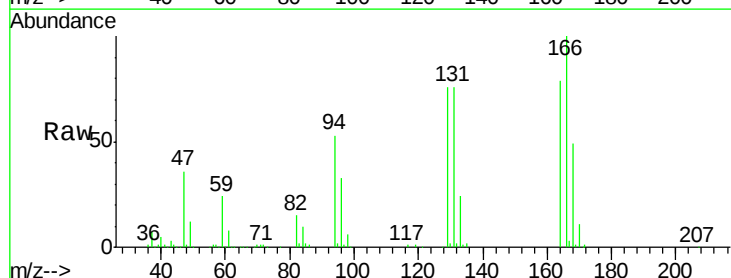
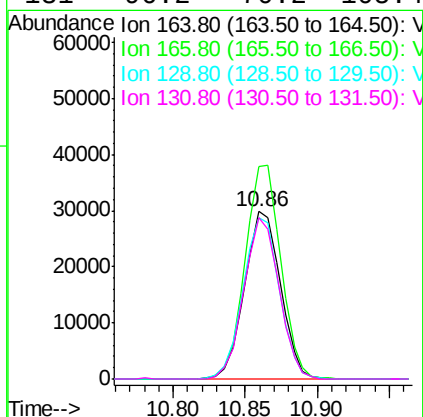
Manual Integrations
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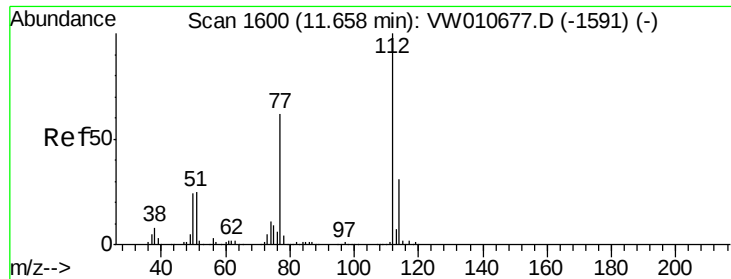
MMDadoda
6/20/2019 12:00:17 PM



#64
Tetrachloroethene
Concen: 20.856 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.2	99.2	148.8
129	96.3	74.6	112.0
131	96.2	70.2	105.4





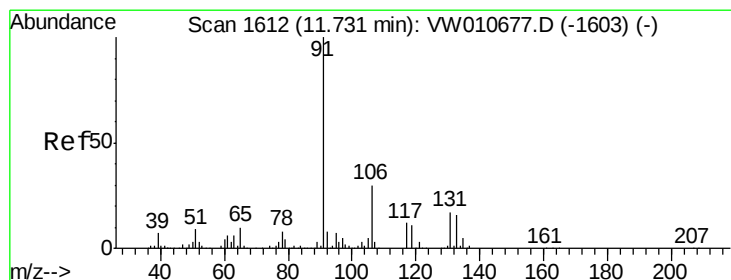
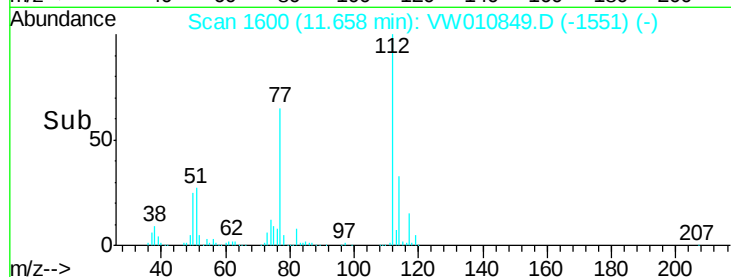
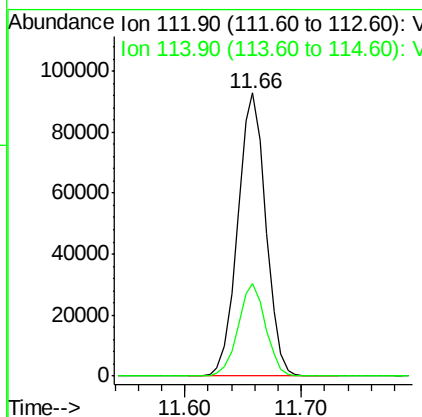
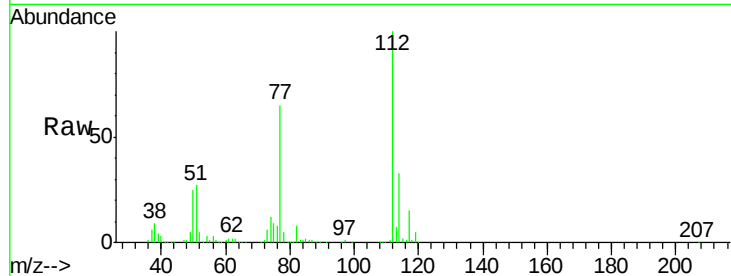
#65
Chlorobenzene
Concen: 21.320 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion:112 Resp: 155768
Ion Ratio Lower Upper
112 100
114 32.7 24.8 37.2

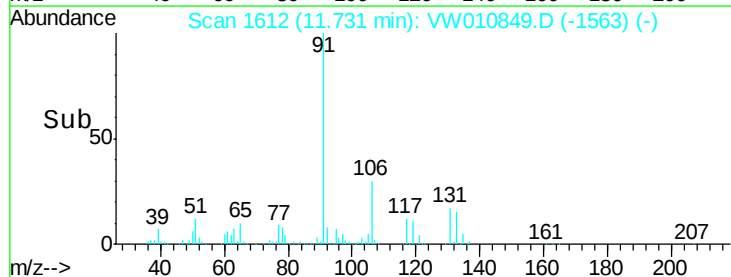
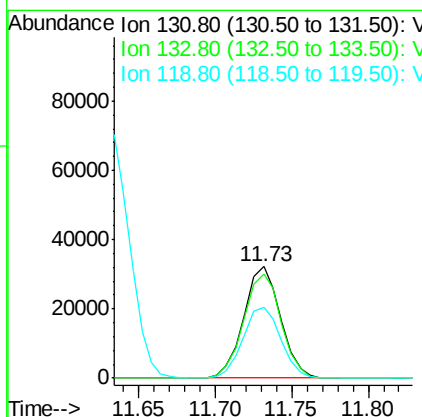
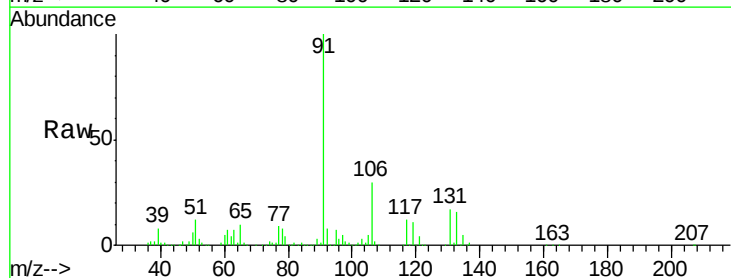
Manual Integrations
APPROVED

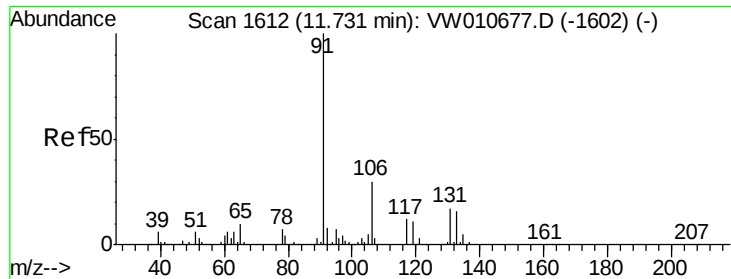
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.288 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion:131 Resp: 53843
Ion Ratio Lower Upper
131 100
133 95.3 47.3 141.9
119 65.4 32.4 97.0





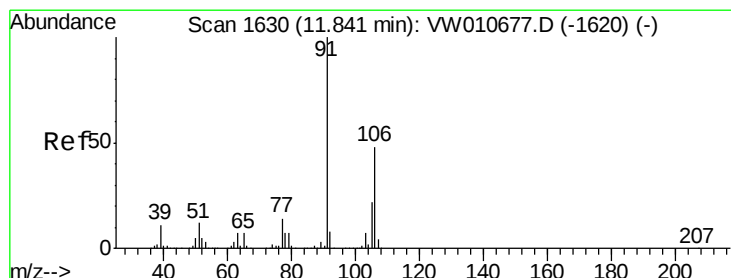
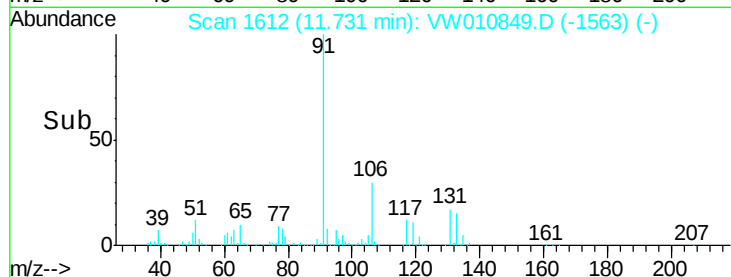
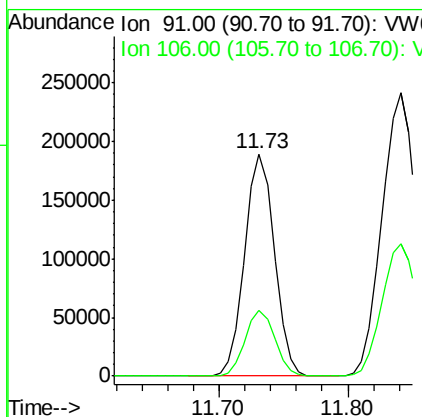
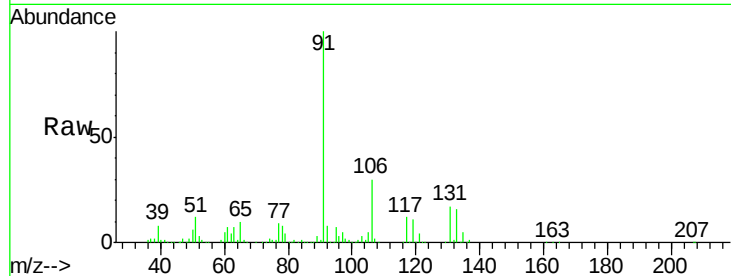
#67
Ethyl Benzene
Concen: 21.526 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion: 91 Resp: 302264
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.4

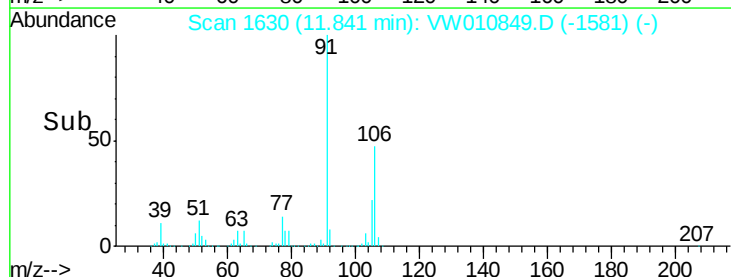
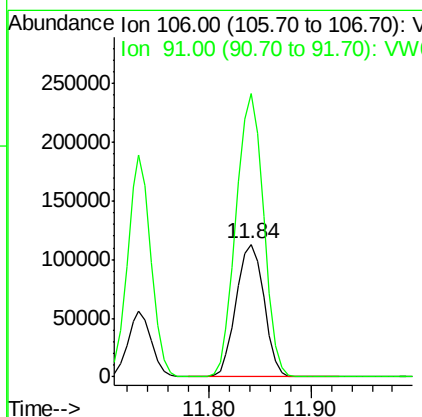
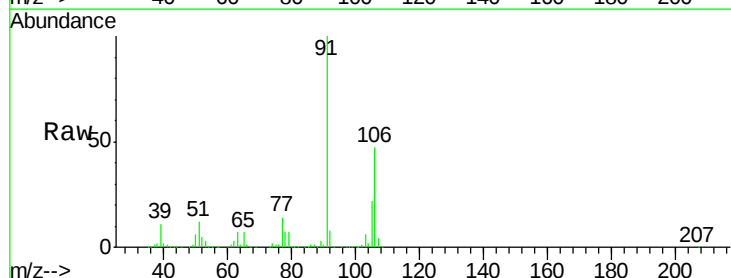
Manual Integrations
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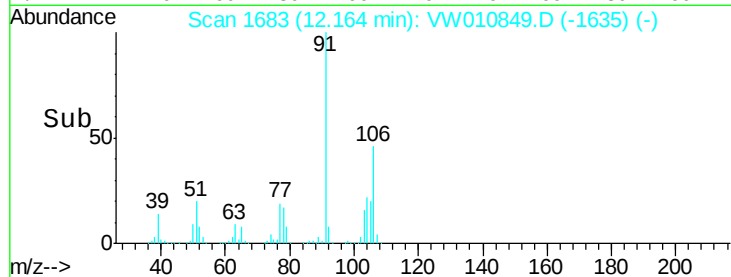
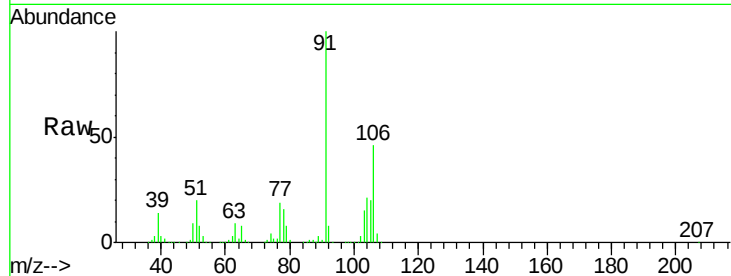
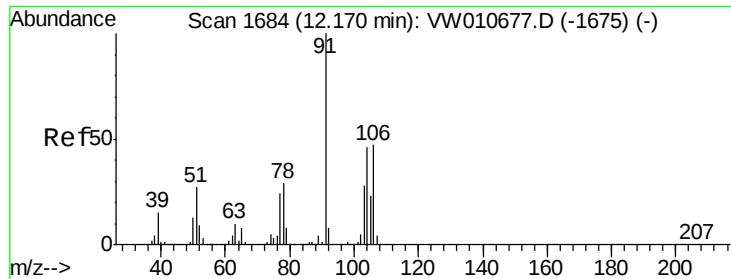
MMDadoda
6/20/2019 12:00:17 PM



#68
m/p-Xylenes
Concen: 42.604 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion: 106 Resp: 214154
Ion Ratio Lower Upper
106 100
91 210.6 166.5 249.7





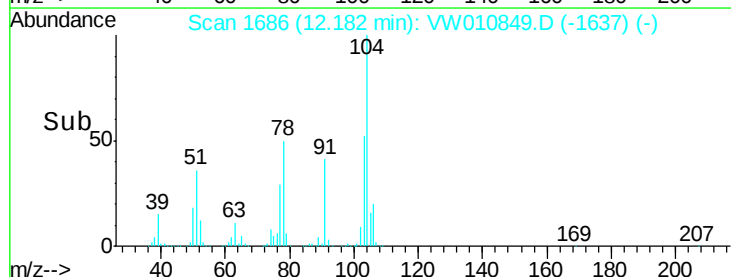
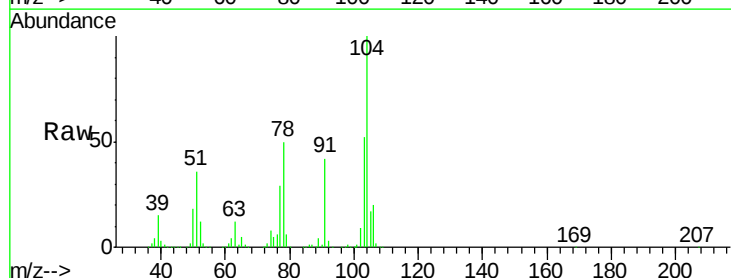
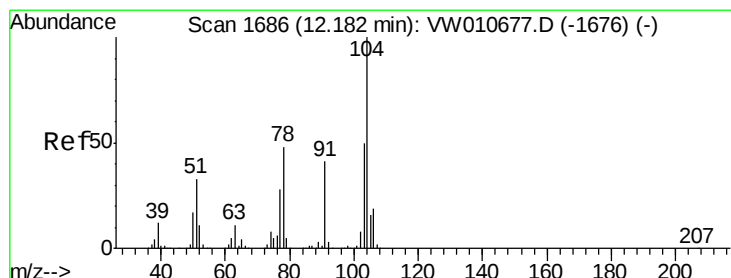
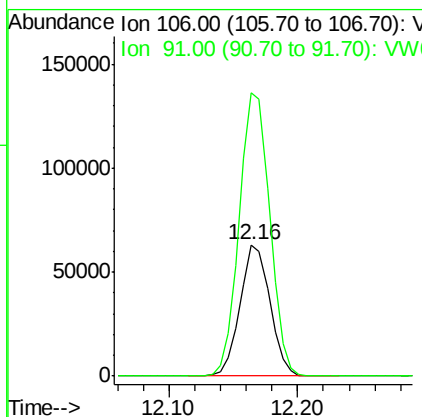
#69
o-Xylene
Concen: 21.217 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tot Ion	Ratio	Resp	Lower	Upper
106	100	101146		
91	221.3	108.9	326.6	

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

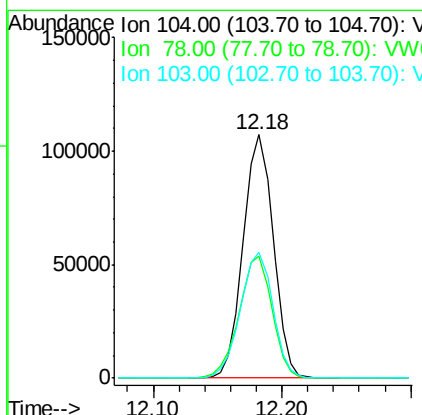
Manual Integrations
APPROVED

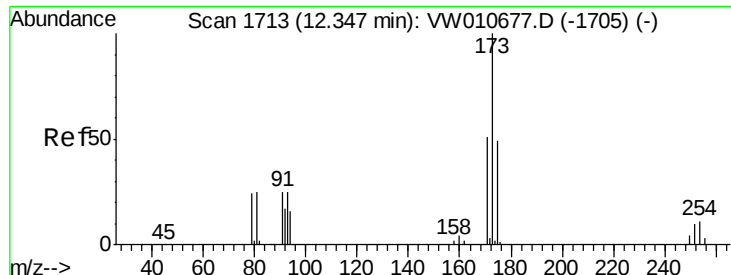
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#70
Styrene
Concen: 21.016 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	174045		
78	54.7	42.7	64.1	
103	55.7	43.6	65.4	





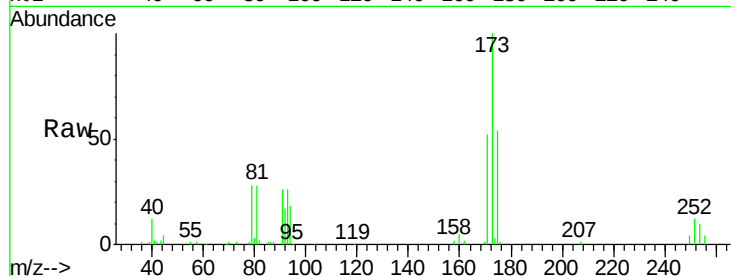
#71
Bromoform
Concen: 19.933 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.3	72.8
254	0.0	0.1	0.1#

Manual Integrations
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6/20/2019 12:00:17 PM

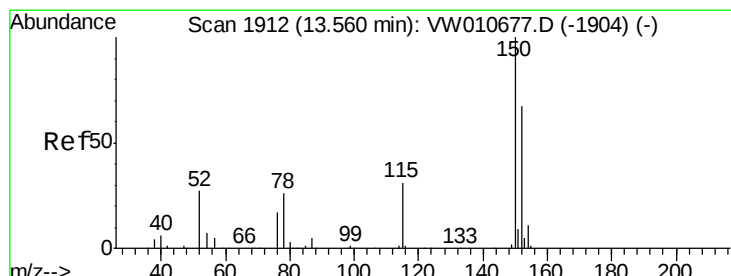
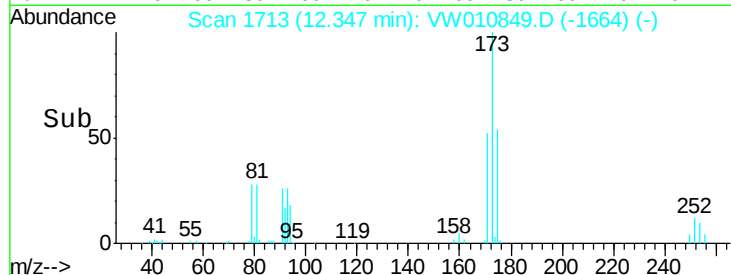
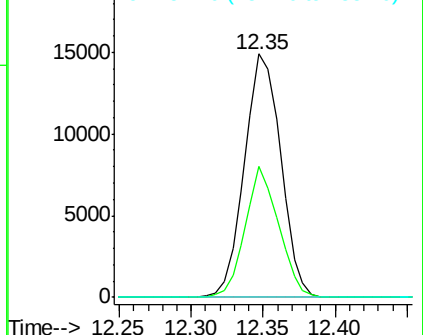


Abundance

Ion 172.70 (172.40 to 173.40): V

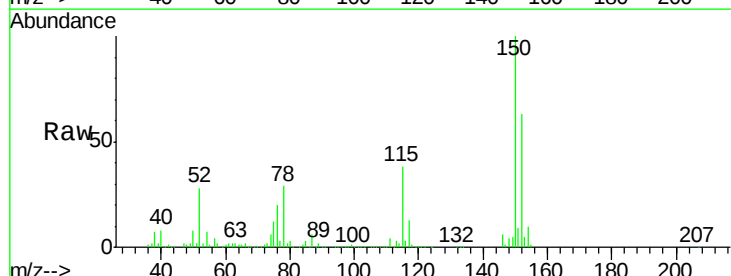
Ion 174.70 (174.40 to 175.40): V

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: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	29.8	89.3
150	164.9	0.0	345.0

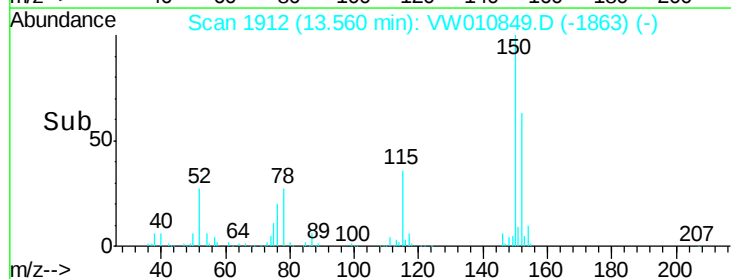
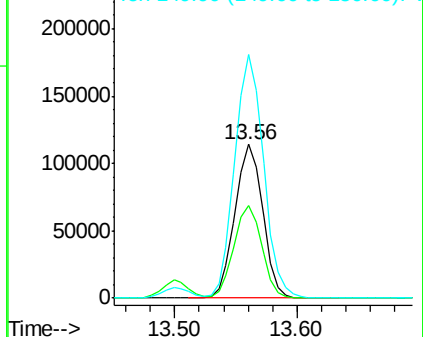


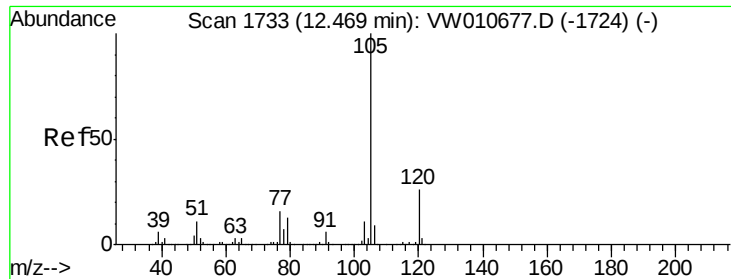
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.152 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS01

Tot Ion: 105 Resp: 284730

Ion Ratio Lower Upper

105 100

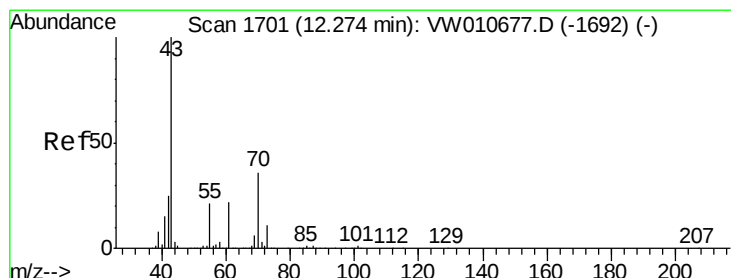
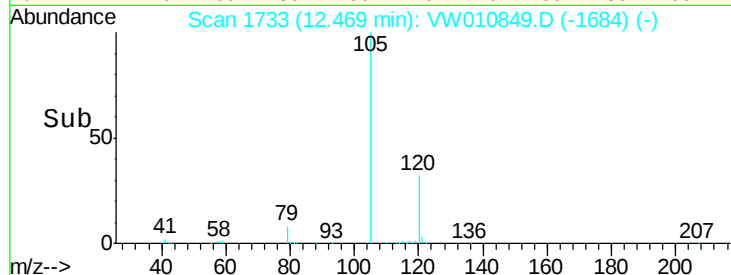
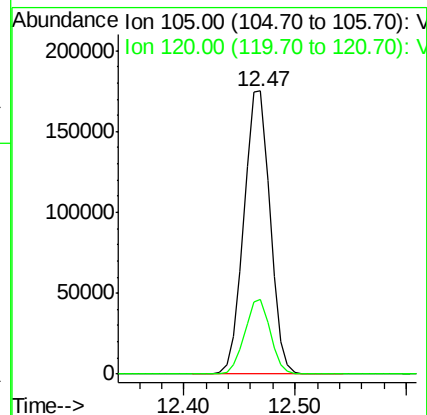
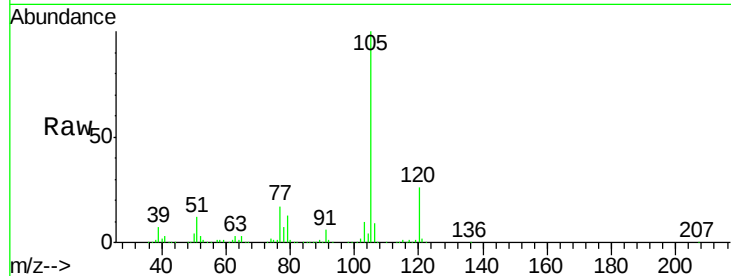
120 25.8 13.1 39.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 21.518 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Tgt Ion: 43 Resp: 93612

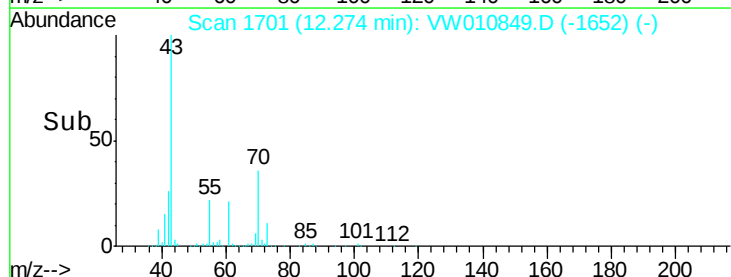
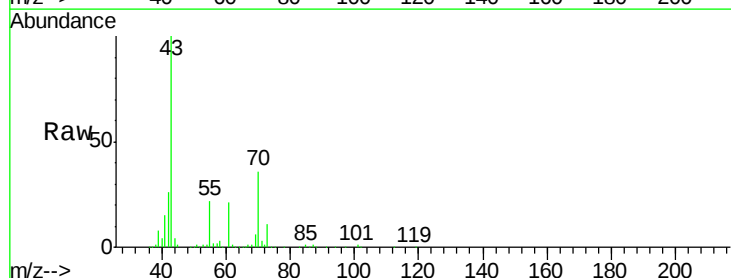
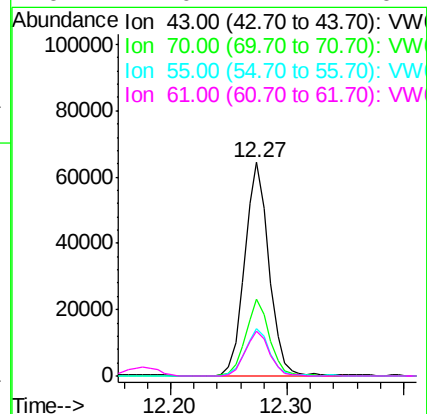
Ion Ratio Lower Upper

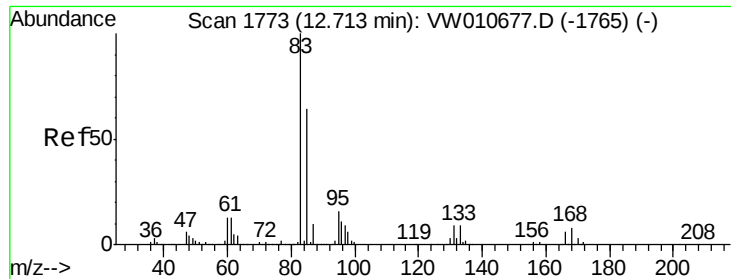
43 100

70 35.9 29.2 43.8

55 22.5 17.5 26.3

61 21.0 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.256 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

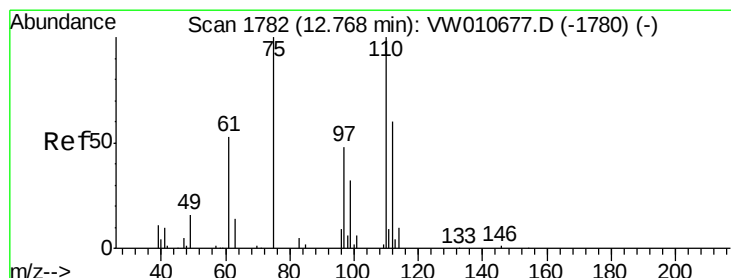
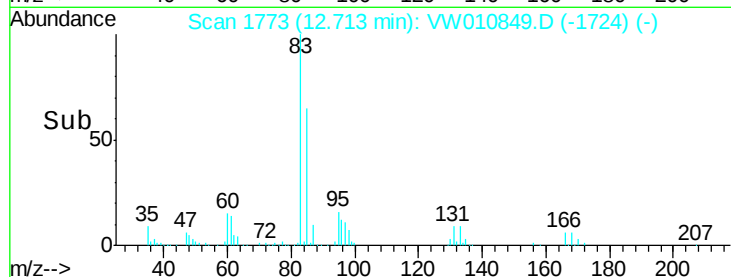
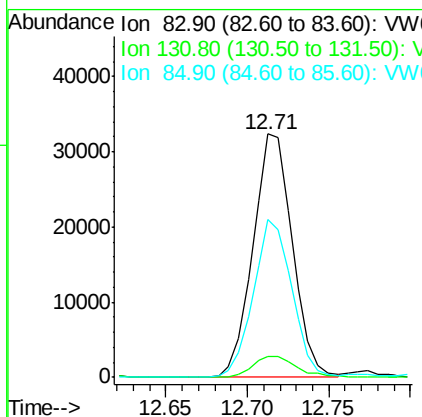
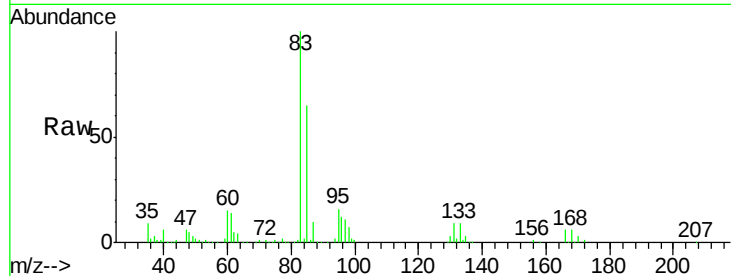
ClientSampleId :

VW0619SBS01

Tot Ion:	83	Resp:	54470
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	63.2	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.993 ug/l m

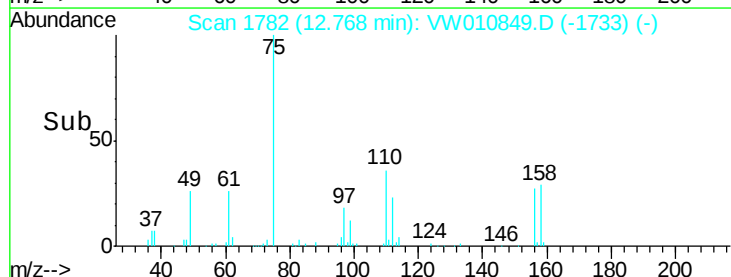
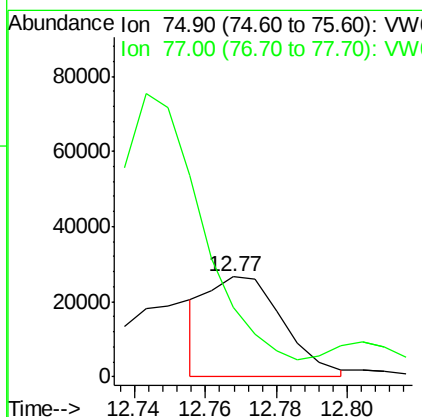
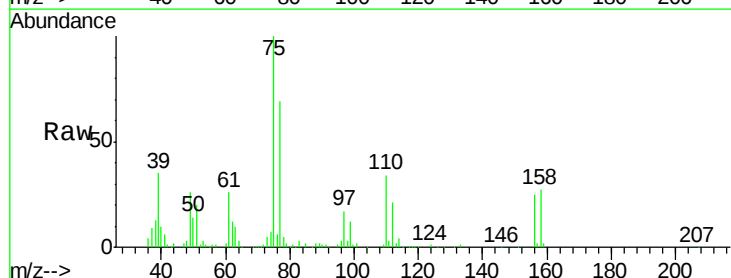
RT: 12.77 min Scan# 1782

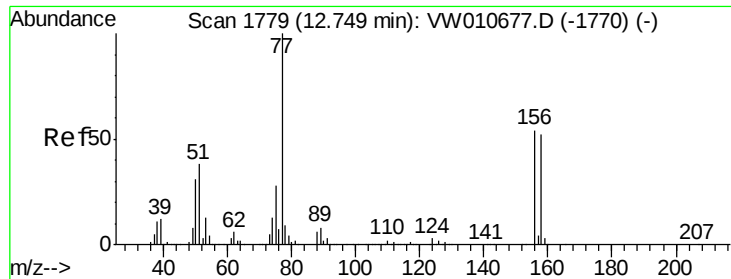
Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Tgt Ion:	75	Resp:	39489
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.181 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

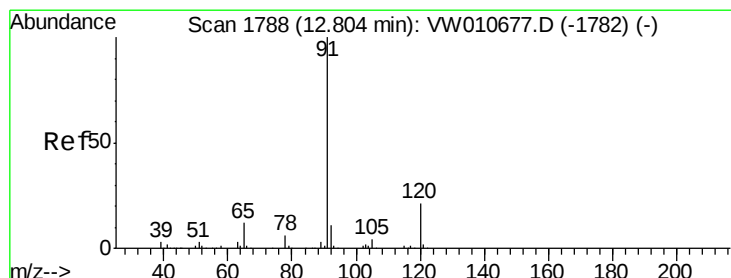
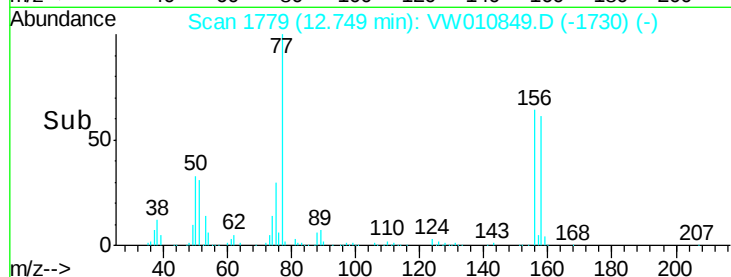
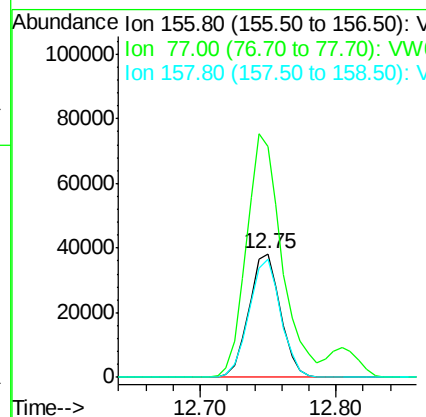
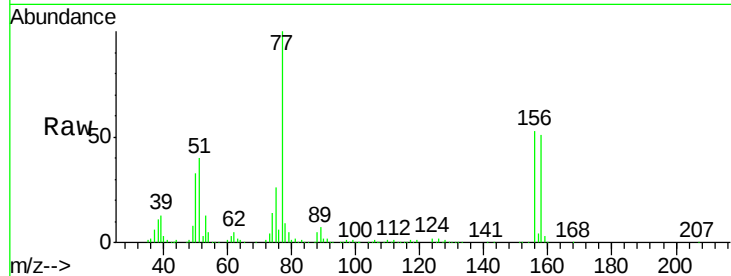
ClientSampleId :

VW0619SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	220.3	106.5	319.4
158	95.7	48.3	144.9

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#78

n-propylbenzene

Concen: 21.228 ug/l

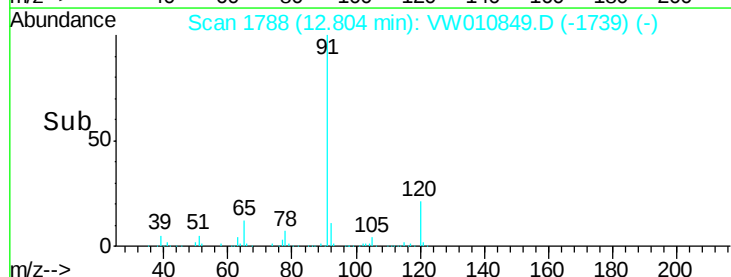
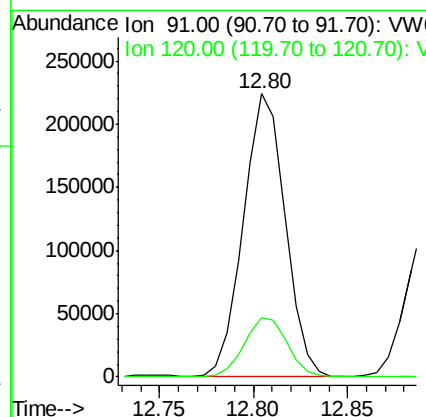
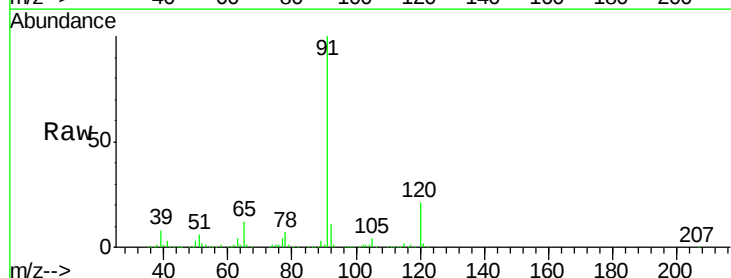
RT: 12.80 min Scan# 1788

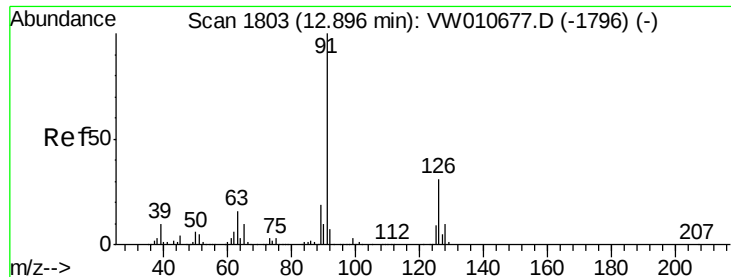
Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.8	32.4





#79

2-Chlorotoluene

Concen: 21.389 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW010849.D

Acq: 19 Jun 2019 14:39

Instrument :

MSVOA_W

ClientSampleId :

VW0619SBS01

Tot Ion: 91 Resp: 198344

Ion Ratio Lower Upper

91 100

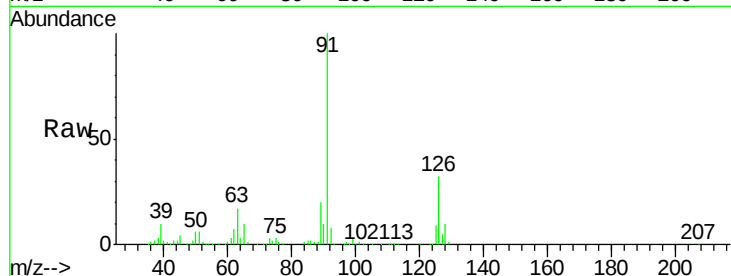
126 31.6 15.7 47.0

Manual Integrations

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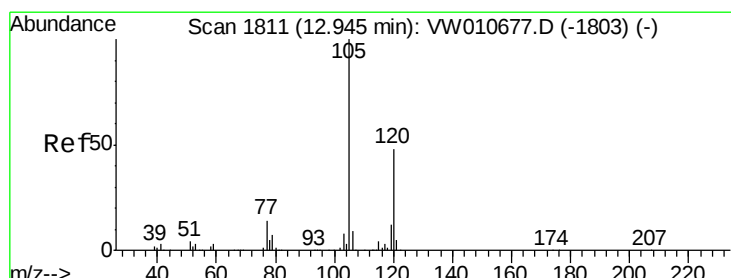
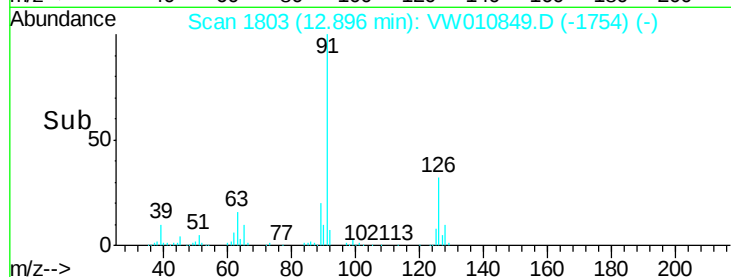
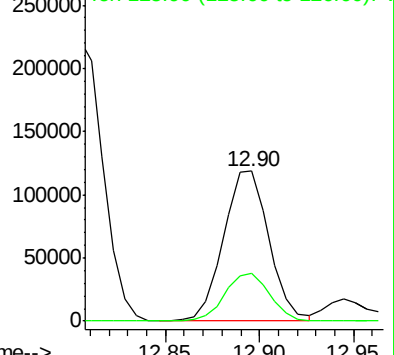
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.266 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW010849.D

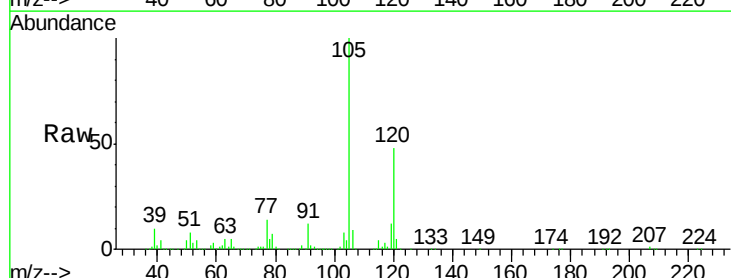
Acq: 19 Jun 2019 14:39

Tgt Ion:105 Resp: 234305

Ion Ratio Lower Upper

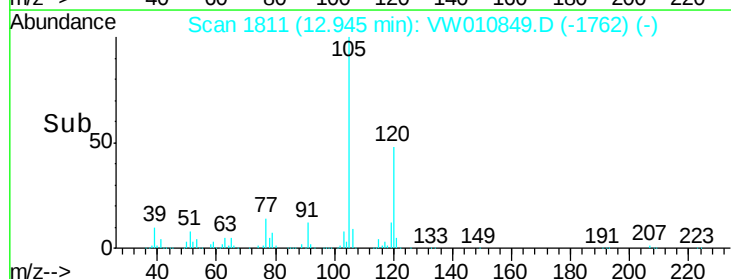
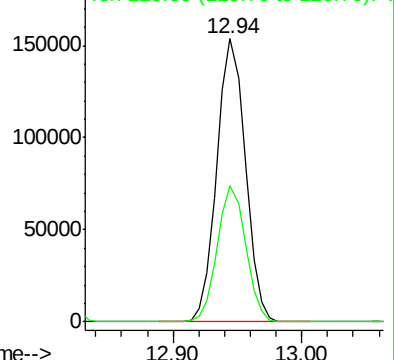
105 100

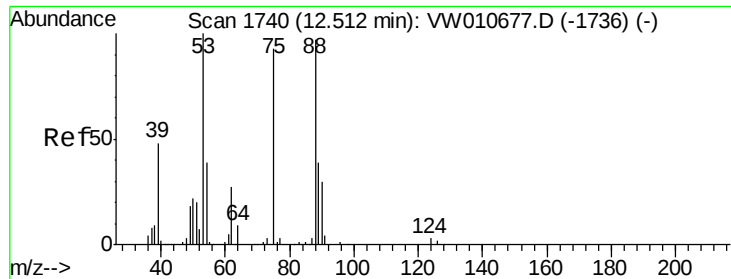
120 47.9 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





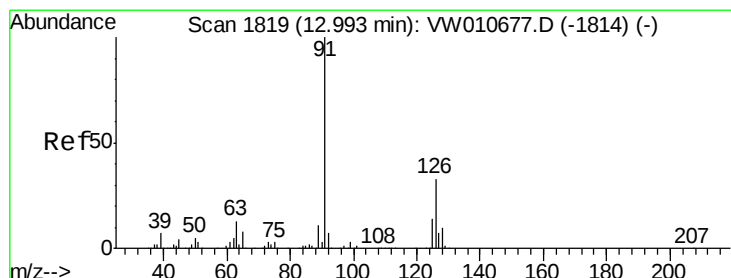
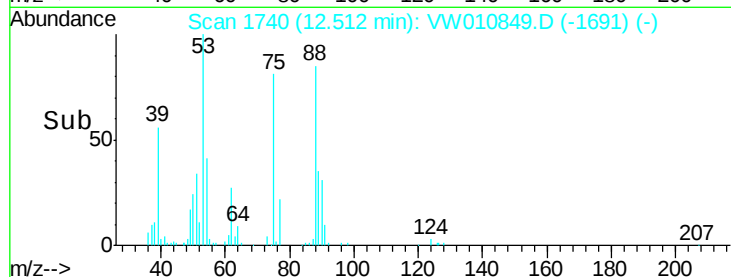
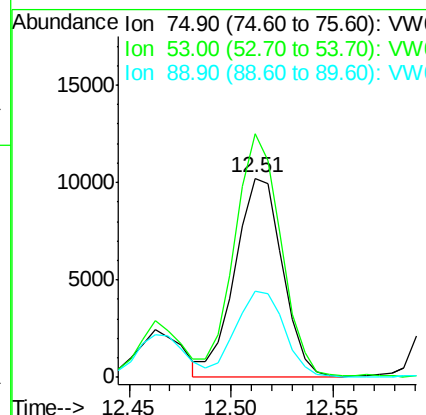
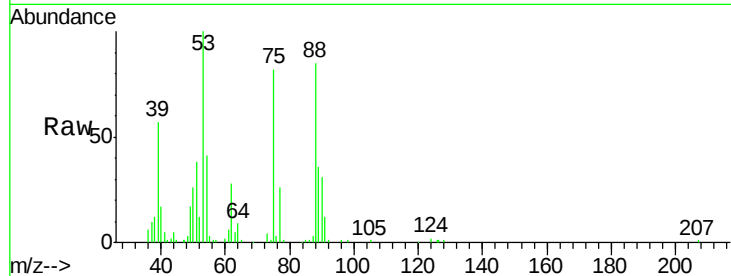
#81
trans-1,4-Dichloro-2-butene
Concen: 20.314 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	120.6	90.1	135.1
89	44.3	34.6	52.0

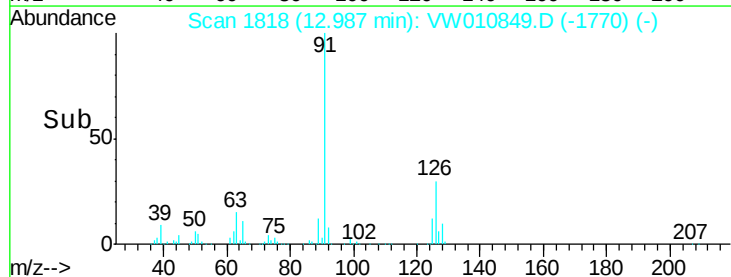
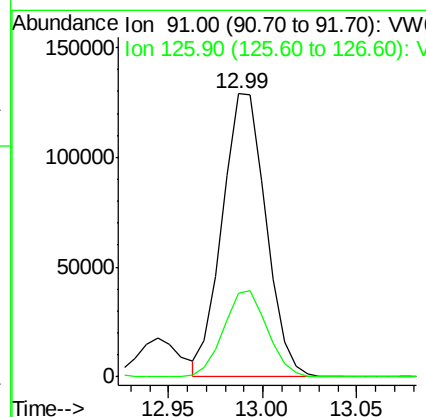
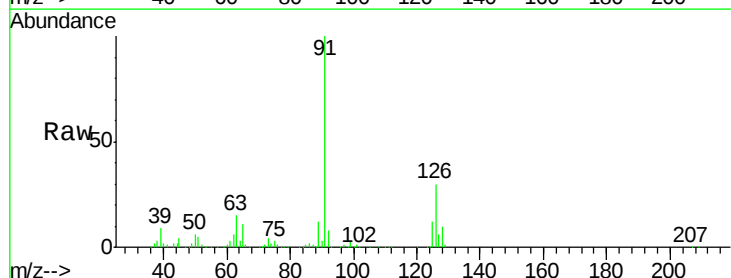
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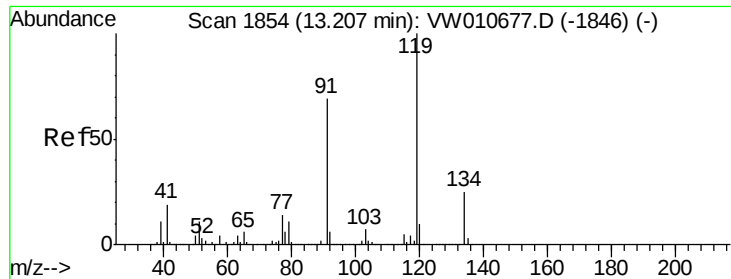
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#82
4-Chlorotoluene
Concen: 21.619 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.9	47.7





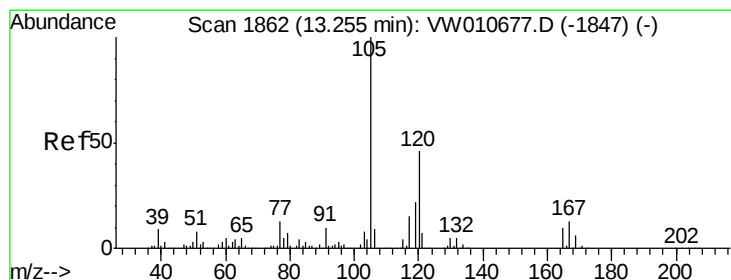
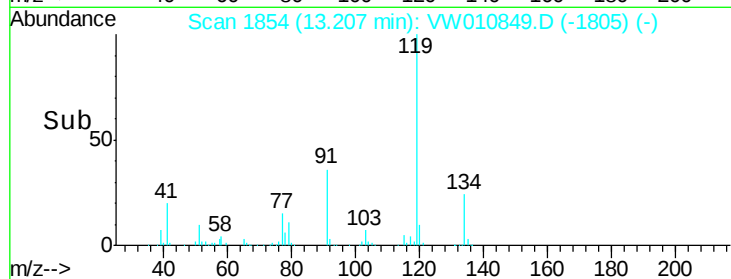
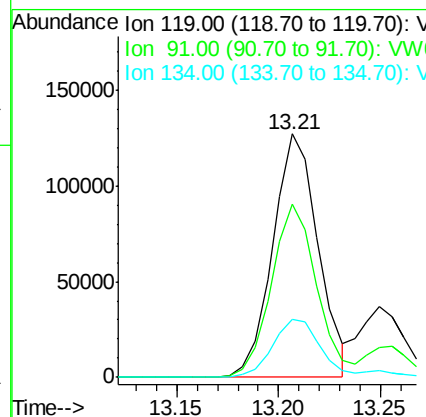
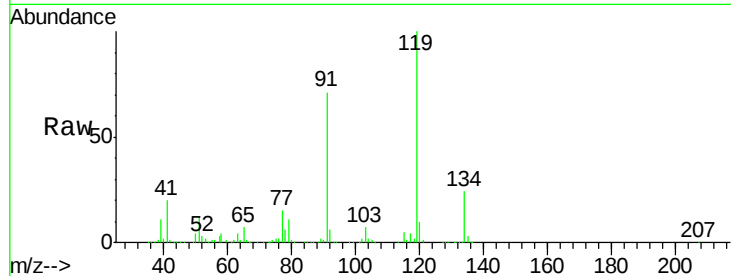
#83
 tert-Butylbenzene
 Concen: 21.073 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	197052		
91	71.5	35.1	105.3	
134	25.0	13.6	40.7	

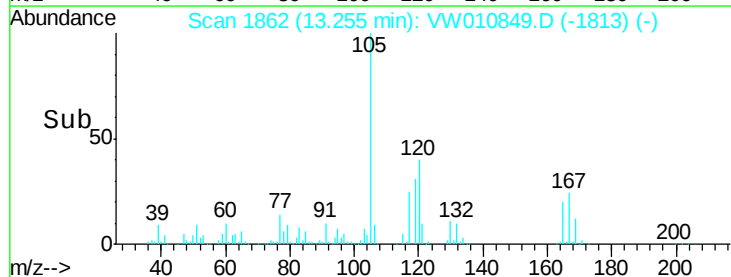
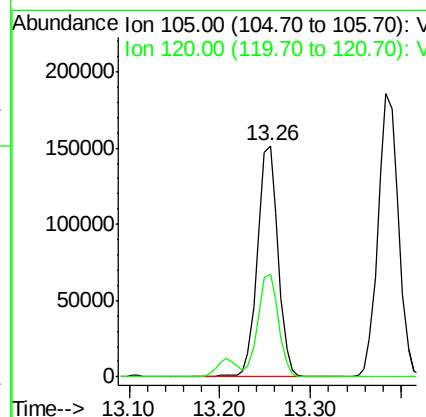
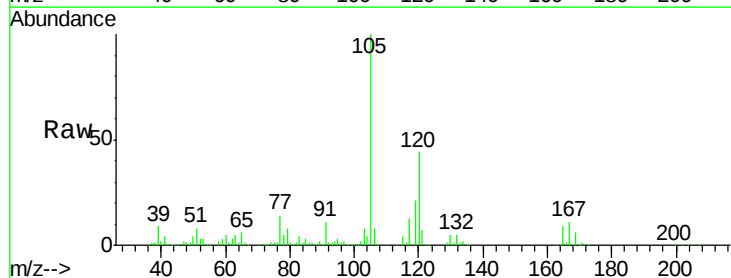
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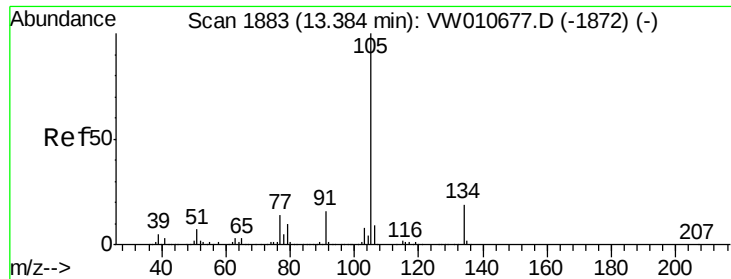
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#84
 1,2,4-Trimethylbenzene
 Concen: 21.420 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	237488		
120	44.5	22.5	67.5	





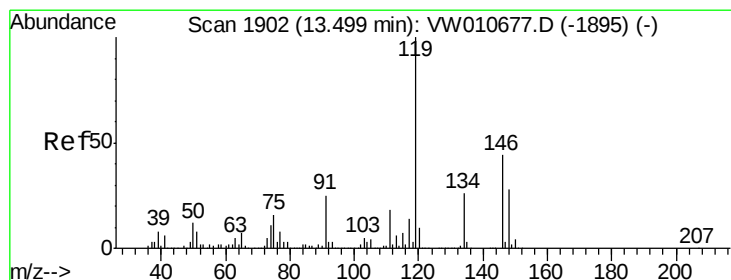
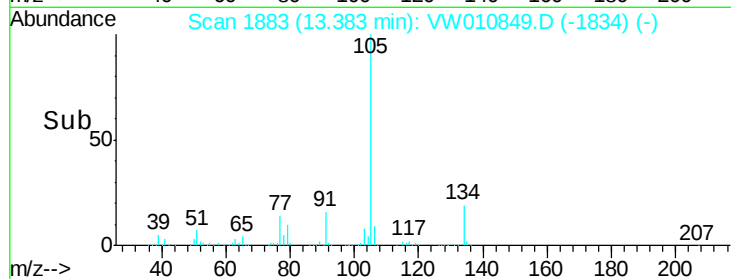
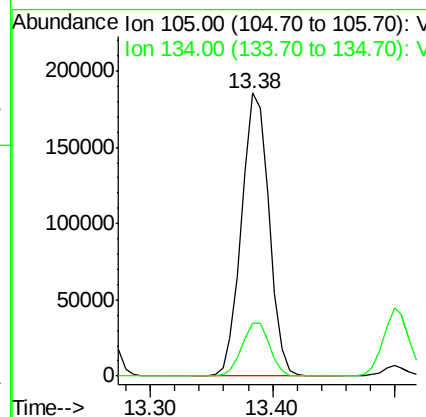
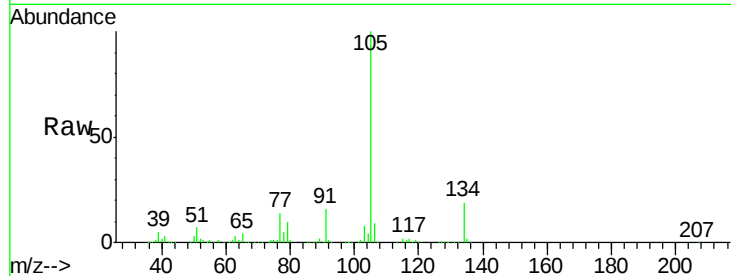
#85
 sec-Butylbenzene
 Concen: 21.130 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.7	28.9

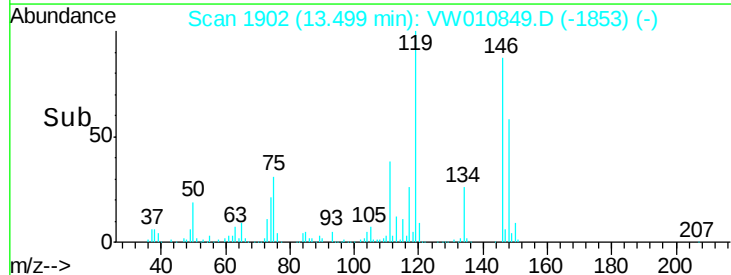
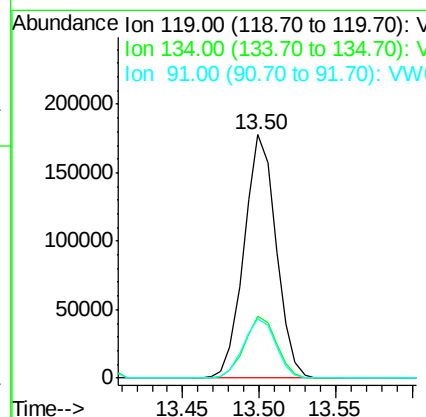
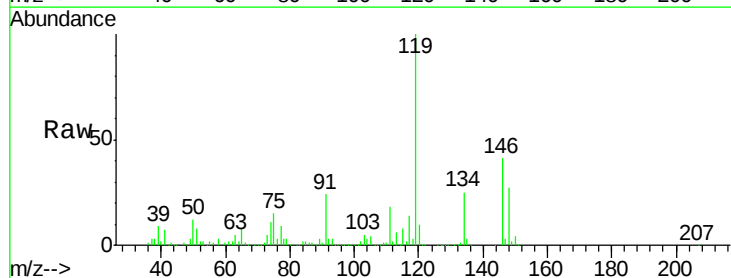
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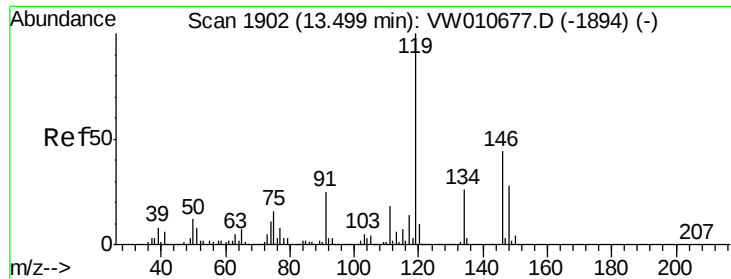
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#86
 p-Isopropyltoluene
 Concen: 21.156 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	39.0
91	24.7	12.2	36.4





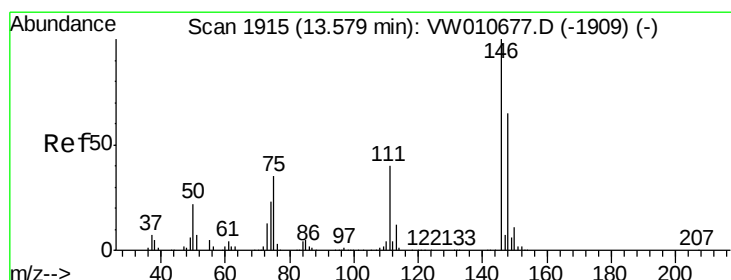
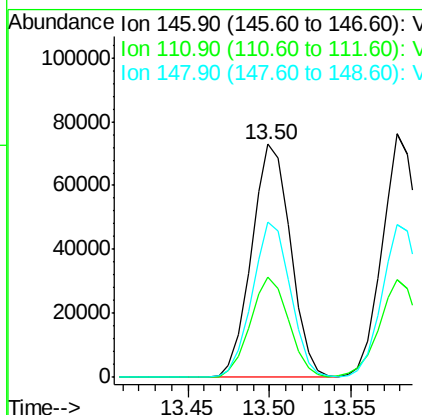
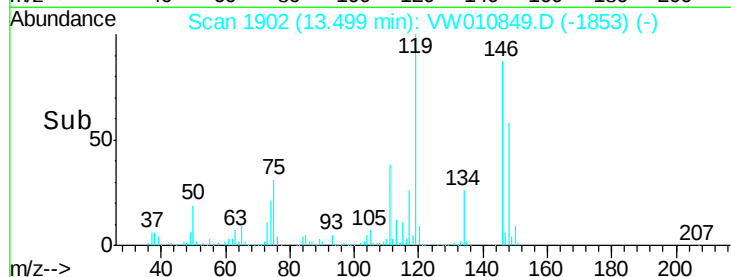
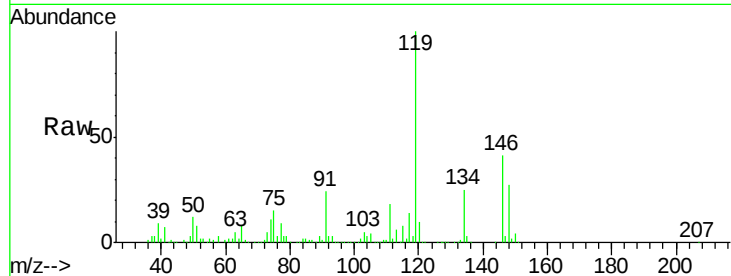
#87
 1,3-Dichlorobenzene
 Concen: 21.345 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	120950		
111	42.3	20.4	61.3	
148	65.1	31.5	94.5	

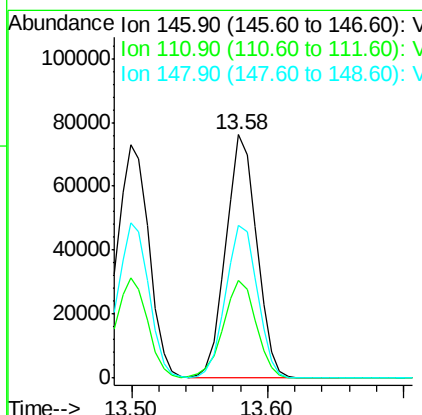
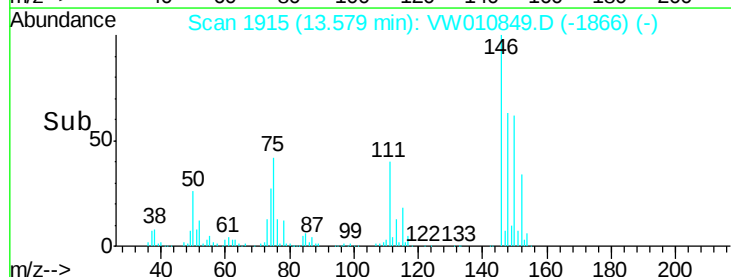
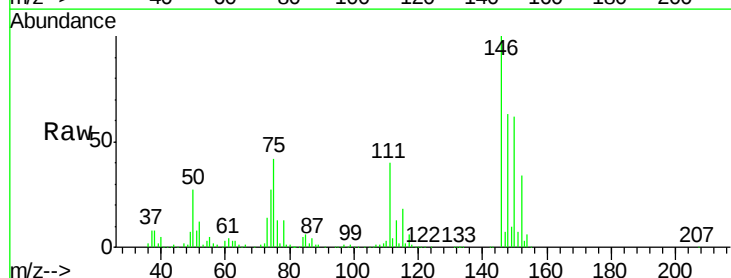
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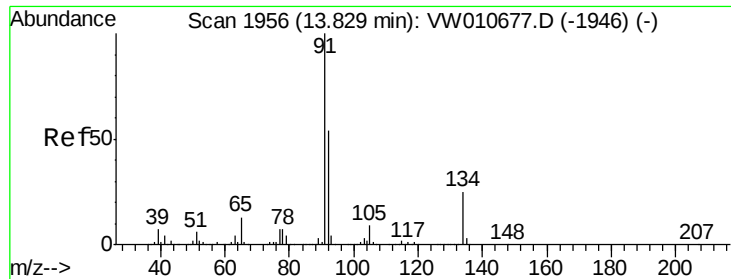
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#88
 1,4-Dichlorobenzene
 Concen: 21.476 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	120643		
111	42.6	20.3	60.9	
148	64.5	32.4	97.2	





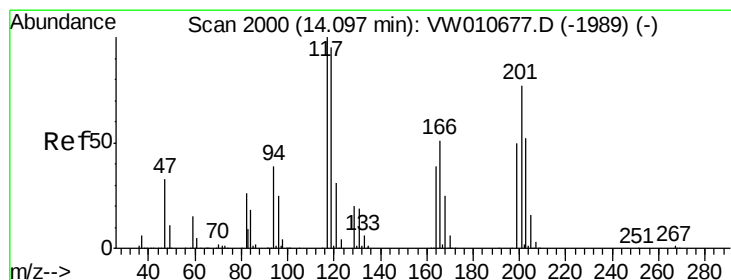
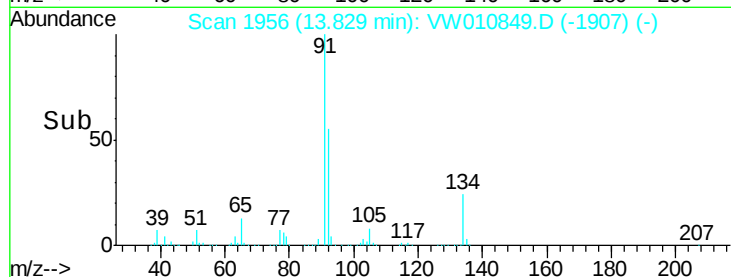
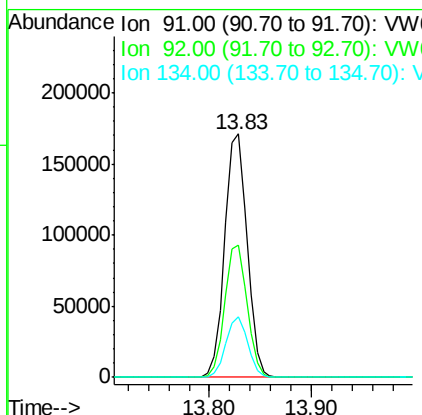
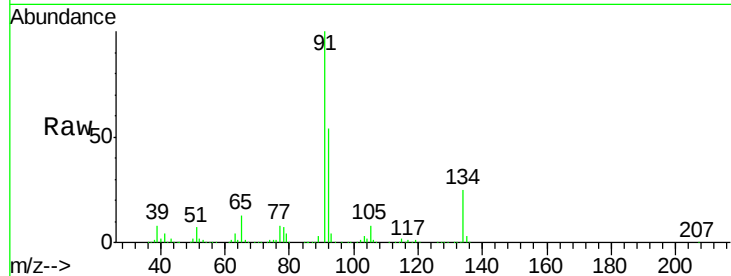
#89
n-Butylbenzene
Concen: 21.461 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	260687		
92	54.2		27.3	81.8
134	24.2		12.3	36.9

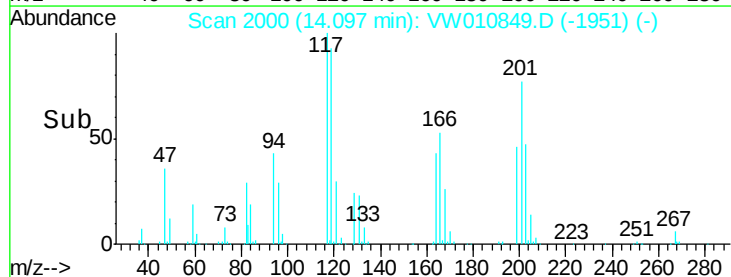
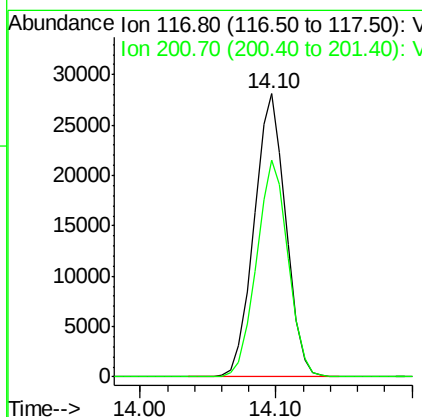
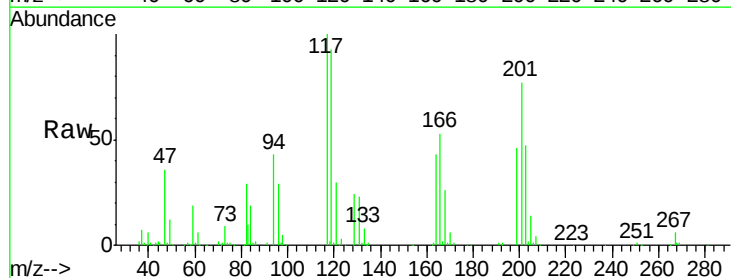
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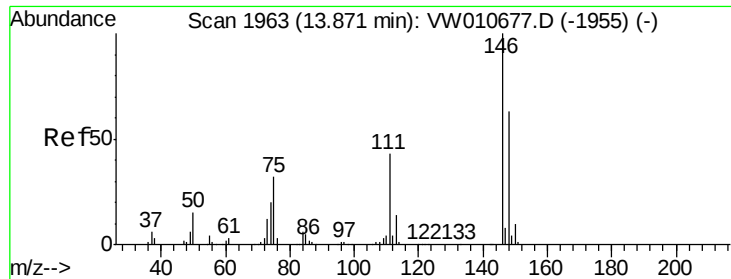
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#90
Hexachloroethane
Concen: 21.050 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	45895		
201	76.3		38.8	116.4





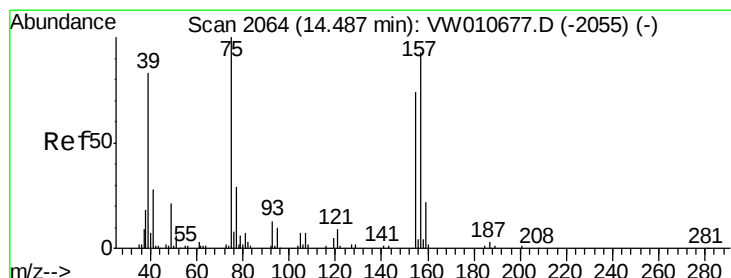
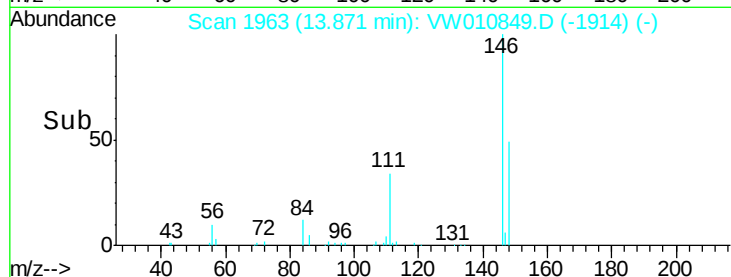
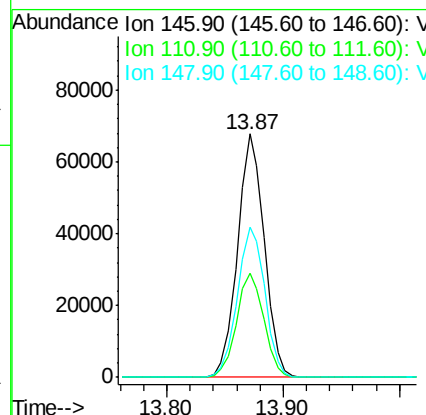
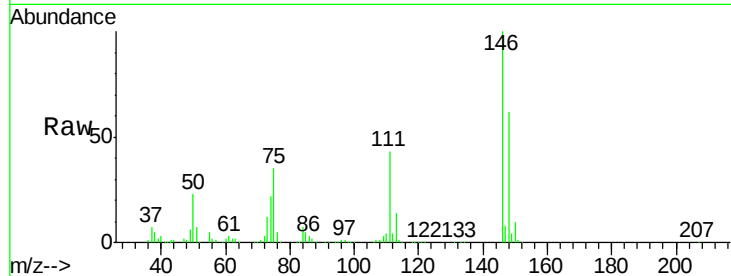
#91
 1,2-Dichlorobenzene
 Concen: 21.234 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.5	64.5
148	63.9	31.9	95.5

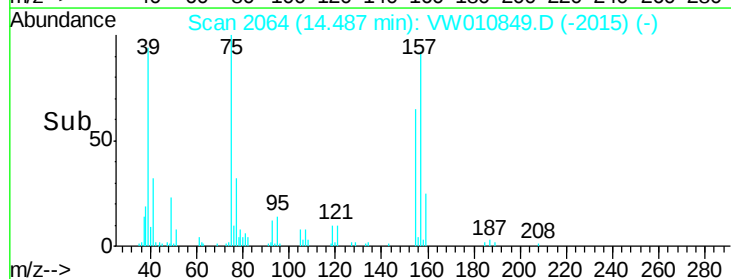
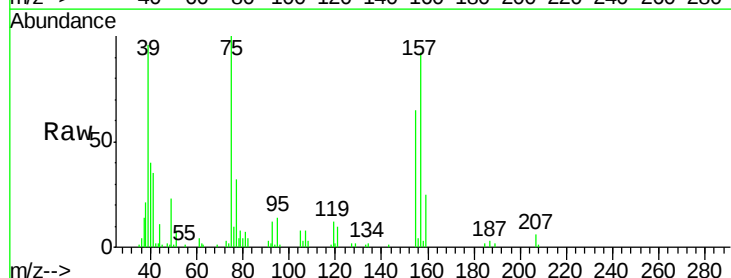
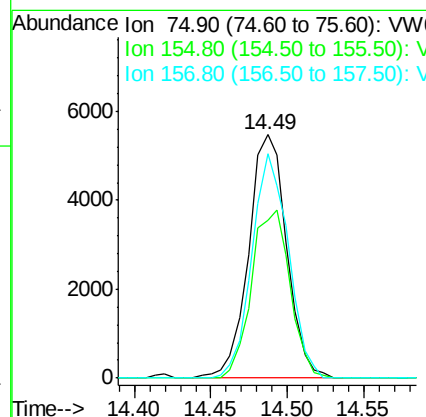
Manual Integrations
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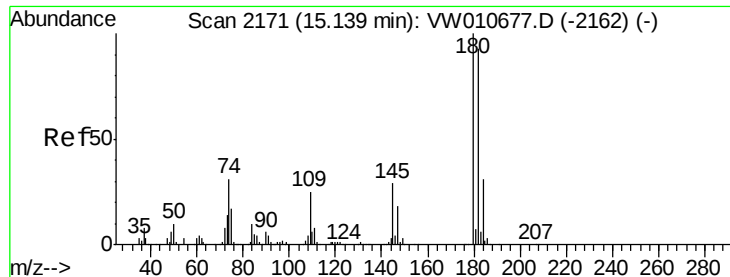
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.509 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.8	38.8	116.4
157	88.3	48.4	145.0





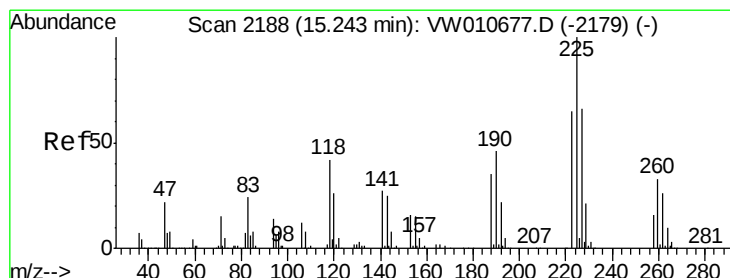
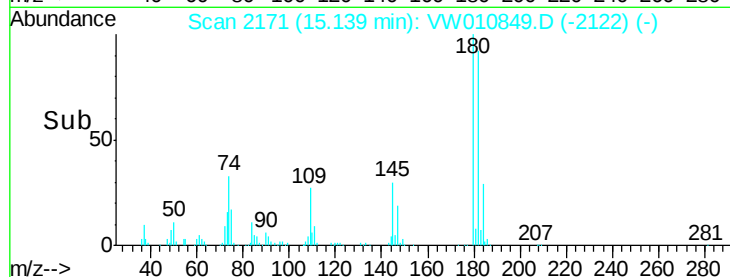
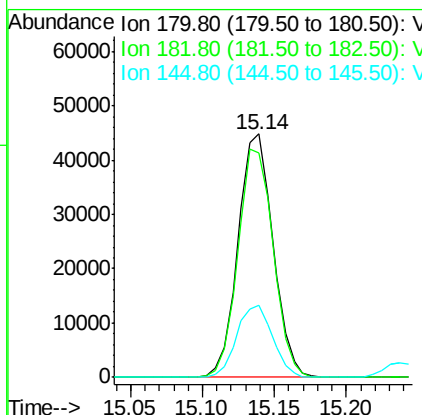
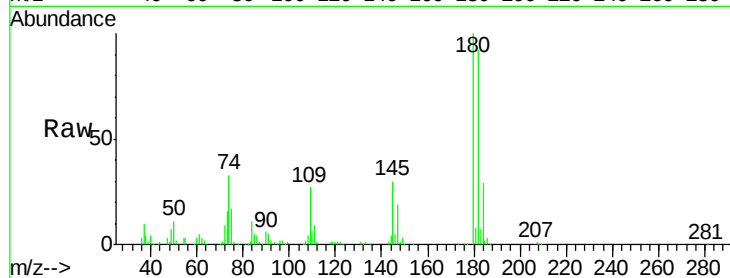
#93
 1,2,4-Trichlorobenzene
 Concen: 21.082 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0619SBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.4
145	30.5	15.2	45.5

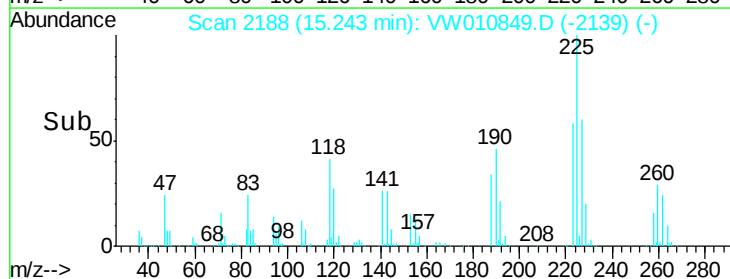
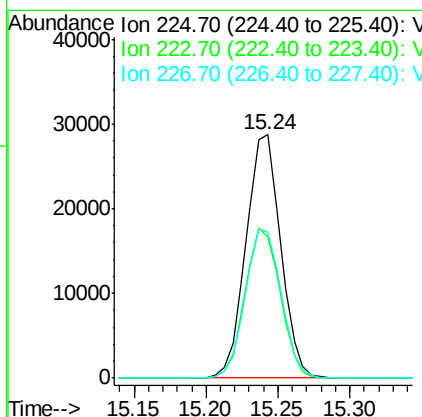
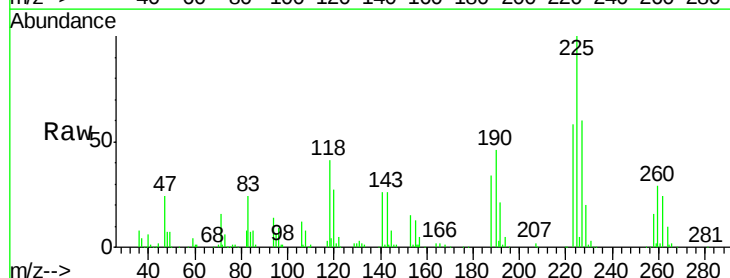
Manual Integrations
 APPROVED

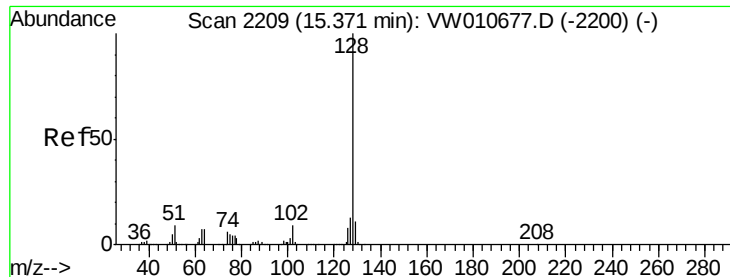
MMDadoda
 6/20/2019 12:00:17 PM



#94
 Hexachlorobutadiene
 Concen: 21.278 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW010849.D
 Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	32.2	96.6
227	63.3	32.0	96.0





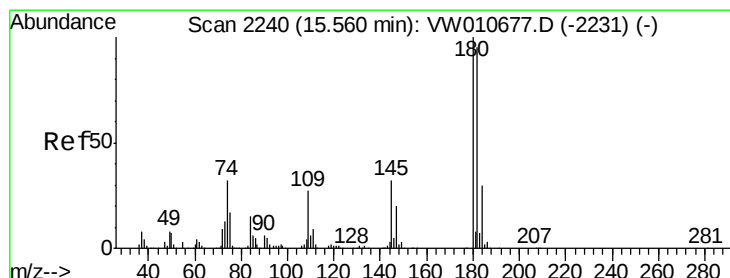
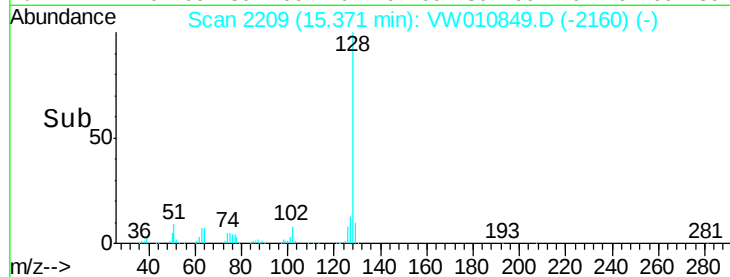
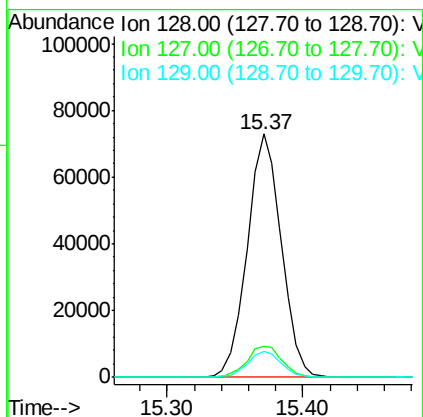
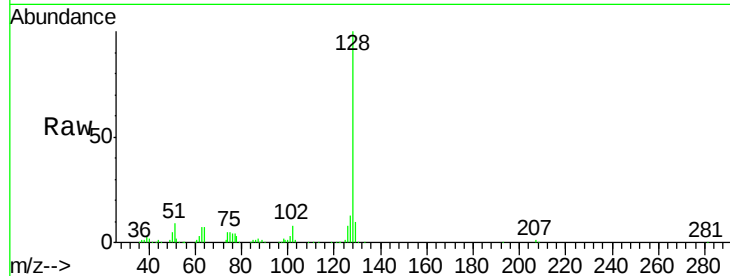
#95
Naphthalene
Concen: 19.661 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Instrument :
MSVOA_W
ClientSampleId :
VW0619SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/20/2019 12:00:17 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.397 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW010849.D
Acq: 19 Jun 2019 14:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.0	141.0
145	32.3	16.1	48.3

