

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012919\
 Data File : VW008445.D
 Acq On : 29 Jan 2019 12:08
 Operator : SY/VA
 Sample : VW0129SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Manual Integrations
 APPROVED

MMDadoda
 1/30/2019 9:39:45 AM

Quant Time: Jan 30 01:17:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	454092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	680308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	601213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	304961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	204212	45.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.56%	
35) Dibromofluoromethane	7.88	113	204268	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
50) Toluene-d8	10.32	98	802729	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
62) 4-Bromofluorobenzene	12.62	95	292762	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	37008	16.438	ug/l	99
3) Chloromethane	2.21	50	57094	15.403	ug/l	99
4) Vinyl Chloride	2.37	62	83885	17.778	ug/l	98
5) Bromomethane	2.78	94	60259	19.800	ug/l	95
6) Chloroethane	2.92	64	55149	19.111	ug/l	99
7) Trichlorofluoromethane	3.25	101	65740	19.229	ug/l	89
8) Diethyl Ether	3.68	74	39901	17.620	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78361	19.080	ug/l	97
10) Methyl Iodide	4.26	142	123164	18.986	ug/l	99
11) Tert butyl alcohol	5.17	59	28855	80.339	ug/l	100
12) 1,1-Dichloroethene	4.03	96	77582	18.666	ug/l	98
13) Acrolein	3.89	56	28874	93.778	ug/l	100
14) Allyl chloride	4.66	41	129550	16.414	ug/l	98
15) Acrylonitrile	5.37	53	81520	83.366	ug/l	99
16) Acetone	4.12	43	81095	80.950	ug/l	96
17) Carbon Disulfide	4.37	76	232883	17.543	ug/l	99
18) Methyl Acetate	4.67	43	42778	16.010	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	122321	17.787	ug/l	100
20) Methylene Chloride	4.91	84	92750	20.087	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	84284	18.037	ug/l	90
22) Diisopropyl ether	6.31	45	246727	16.494	ug/l	99
23) Vinyl Acetate	6.25	43	712017	80.613	ug/l	98
24) 1,1-Dichloroethane	6.21	63	146543	17.307	ug/l	98
25) 2-Butanone	7.17	43	112252	80.672	ug/l	95
26) 2,2-Dichloropropane	7.17	77	103836	18.143	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	92610	18.185	ug/l	97
28) Bromochloromethane	7.51	49	64313	16.537	ug/l	92
29) Tetrahydrofuran	7.52	42	70565	80.026	ug/l	96
30) Chloroform	7.67	83	148587	17.842	ug/l	97
31) Cyclohexane	7.95	56	146105	16.688	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	133104	18.504	ug/l	97
36) 1,1-Dichloropropene	8.08	75	120950	18.821	ug/l	97
37) Ethyl Acetate	7.26	43	46337	16.298	ug/l	97
38) Carbon Tetrachloride	8.07	117	127102	19.655	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	157107	18.610	ug/l	99
40) Benzene	8.32	78	332744	18.660	ug/l	98
41) Methacrylonitrile	7.48	41	25135	14.930	ug/l #	84
42) 1,2-Dichloroethane	8.40	62	94395	18.266	ug/l	98
43) Isopropyl Acetate	8.43	43	101112	17.118	ug/l	97
44) Trichloroethene	9.09	130	96512	19.903	ug/l	100
45) 1,2-Dichloropropane	9.37	63	81624	18.358	ug/l	100
46) Dibromomethane	9.46	93	41245	18.036	ug/l	95
47) Bromodichloromethane	9.64	83	110231	18.224	ug/l	99
48) Methyl methacrylate	9.43	41	47162	16.329	ug/l	97
49) 1,4-Dioxane	9.45	88	14691	380.056	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	245591	84.161	ug/l	99
52) Toluene	10.38	92	218538	18.565	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	114947	17.859	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	134487	18.412	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	59104	18.633	ug/l	98
56) Ethyl methacrylate	10.65	69	74513	16.765	ug/l	99
57) 1,3-Dichloropropane	10.93	76	103318	18.181	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	182016	84.285	ug/l	96
59) 2-Hexanone	10.97	43	173679	84.307	ug/l	98
60) Dibromochloromethane	11.13	129	75953	18.633	ug/l	99
61) 1,2-Dibromoethane	11.24	107	57663	18.334	ug/l	99
64) Tetrachloroethene	10.86	164	80584	19.797	ug/l	96
65) Chlorobenzene	11.66	112	237691	19.367	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	84478	19.239	ug/l	100
67) Ethyl Benzene	11.73	91	420969	18.660	ug/l	98
68) m/p-Xylenes	11.84	106	331306	37.851	ug/l	96
69) o-Xylene	12.17	106	154872	18.622	ug/l	95
70) Styrene	12.18	104	249938	18.194	ug/l	98
71) Bromoform	12.35	173	45326	18.346	ug/l #	98
73) Isopropylbenzene	12.46	105	426850	18.775	ug/l	98
74) N-amyl acetate	12.27	43	97977	16.728	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	65384	18.165	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	48020m	18.111	ug/l	
77) Bromobenzene	12.75	156	98116	19.761	ug/l	92
78) n-propylbenzene	12.80	91	510533	18.696	ug/l	98
79) 2-Chlorotoluene	12.90	91	285204	18.509	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	354742	18.668	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	22560	16.805	ug/l	96
82) 4-Chlorotoluene	12.99	91	298761	18.211	ug/l	96
83) tert-Butylbenzene	13.21	119	315620	18.664	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	368721	19.090	ug/l	100
85) sec-Butylbenzene	13.39	105	455505	18.861	ug/l	98
86) p-Isopropyltoluene	13.50	119	403690	19.083	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	195134	19.460	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	192658	19.332	ug/l	99
89) n-Butylbenzene	13.83	91	382127	18.397	ug/l	99
90) Hexachloroethane	14.10	117	76804	18.565	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	168626	19.005	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12319	18.038	ug/l	96

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ClientSampleId :
VW0129SBSD01

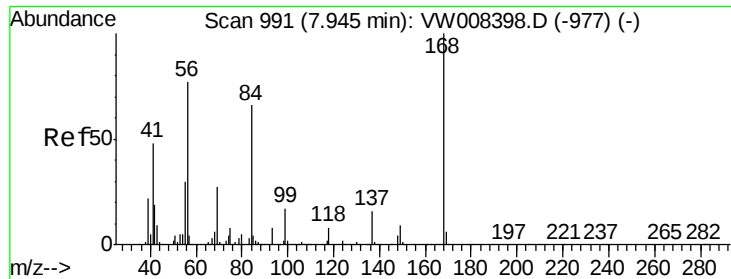
Manual Integrations
APPROVED

MMDadoda
1/30/2019 9:39:45 AM

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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	127226	20.094	ug/l	98
94) Hexachlorobutadiene	15.24	225	78558	20.587	ug/l	98
95) Naphthalene	15.37	128	208398	18.745	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	106918	19.907	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

Tot Ion:168 Resp: 454092

Ion Ratio Lower Upper

168 100

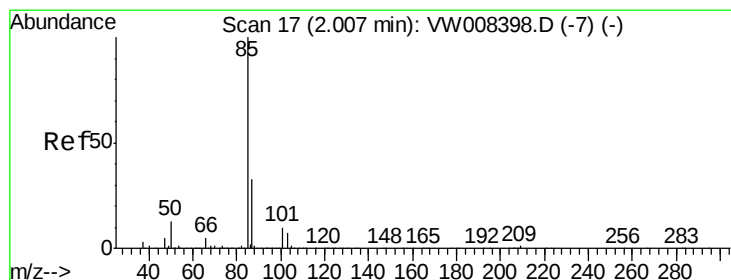
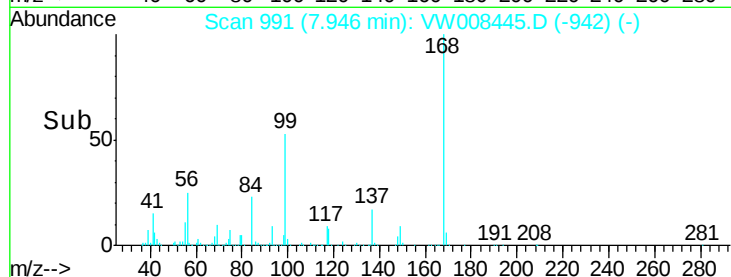
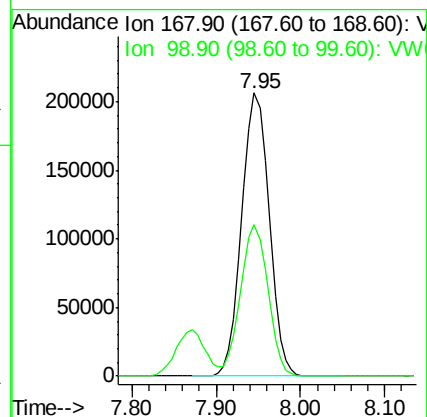
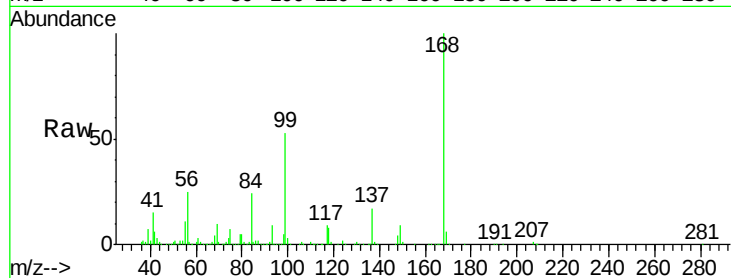
99 53.3 45.5 68.3

Manual Integrations

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1/30/2019 9:39:45 AM



#2

Dichlorodifluoromethane

Concen: 16.438 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008445.D

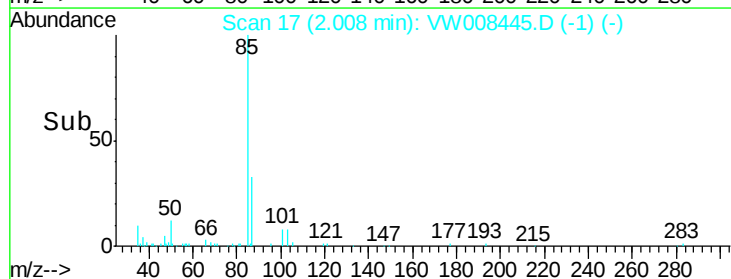
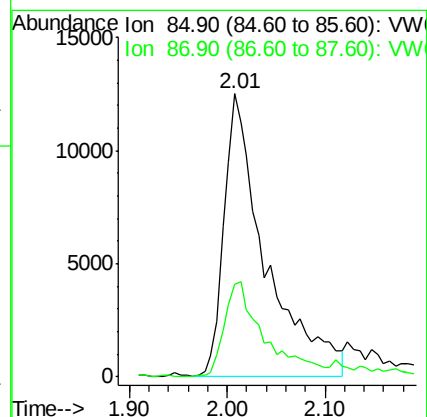
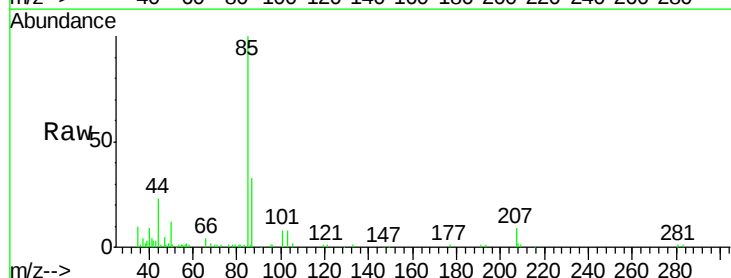
Acq: 29 Jan 2019 12:08

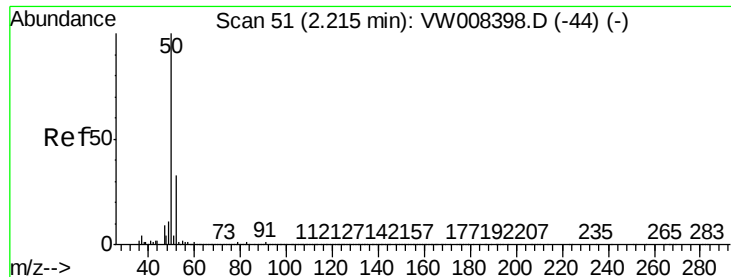
Tgt Ion: 85 Resp: 37008

Ion Ratio Lower Upper

85 100

87 32.9 16.7 50.1





#3

Chloromethane

Concen: 15.403 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

Tot Ion: 50 Resp: 57094

Ion Ratio Lower Upper

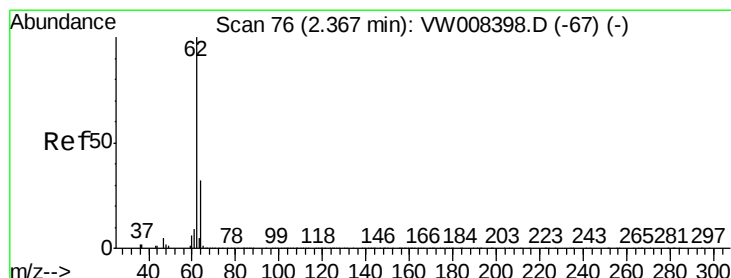
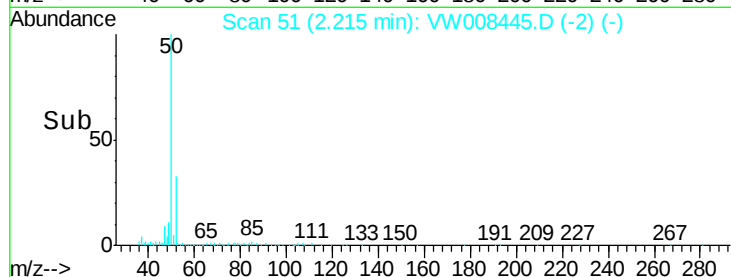
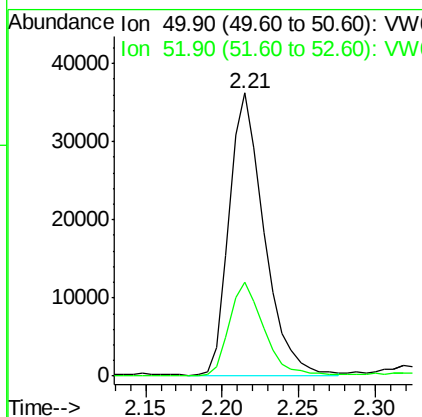
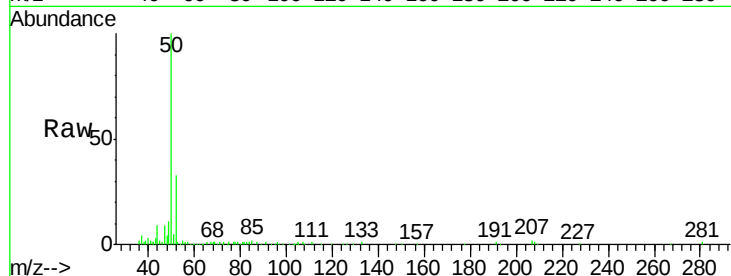
50 100

52 33.2 26.3 39.5

Manual Integrations
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1/30/2019 9:39:45 AM



#4

Vinyl Chloride

Concen: 17.778 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008445.D

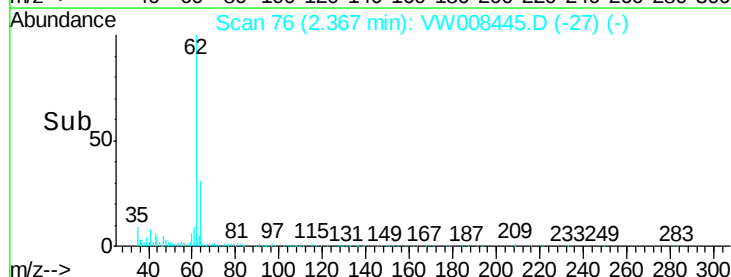
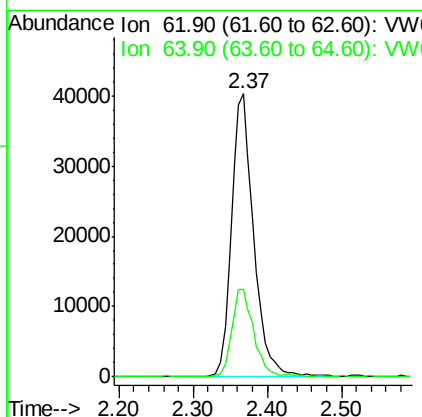
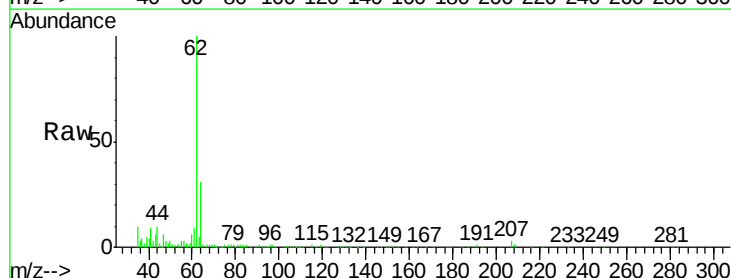
Acq: 29 Jan 2019 12:08

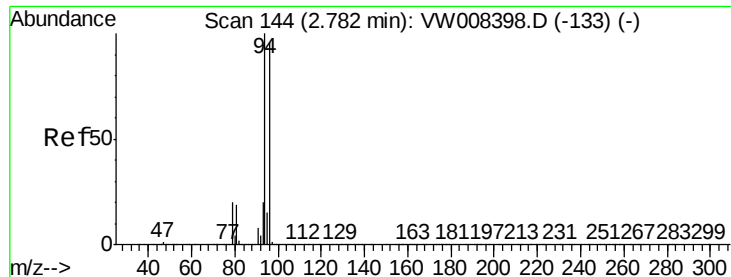
Tgt Ion: 62 Resp: 83885

Ion Ratio Lower Upper

62 100

64 31.1 25.5 38.3





#5

Bromomethane

Concen: 19.800 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

Tot Ion: 94 Resp: 60259

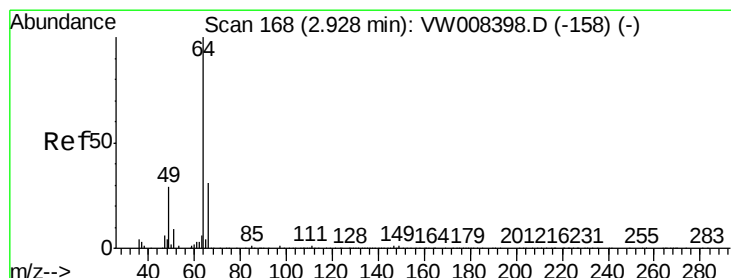
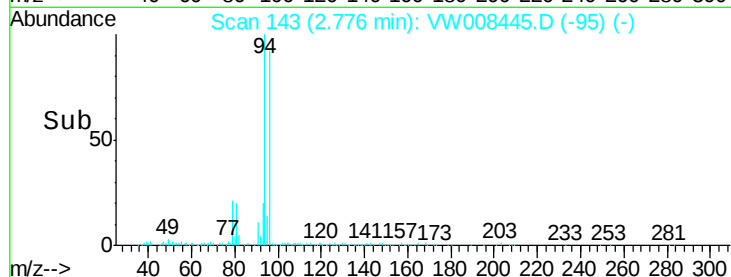
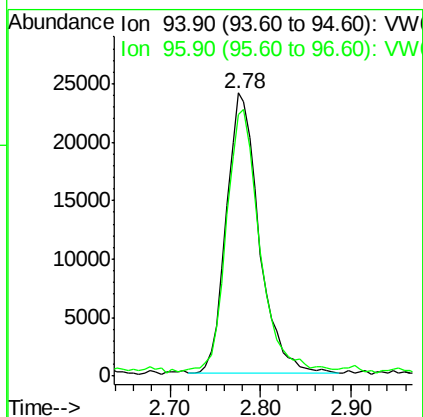
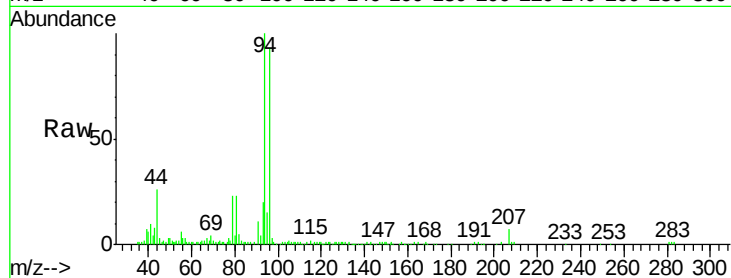
Ion Ratio Lower Upper

94 100

96 91.3 77.2 115.8

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1/30/2019 9:39:45 AM



#6

Chloroethane

Concen: 19.111 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008445.D

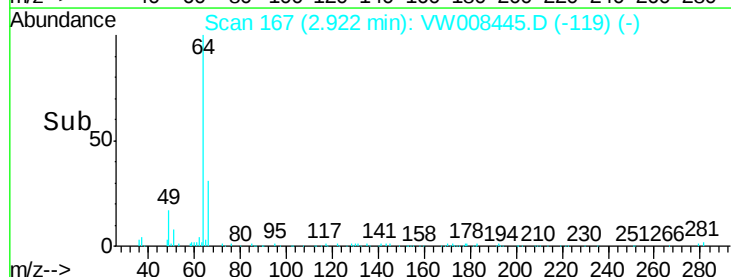
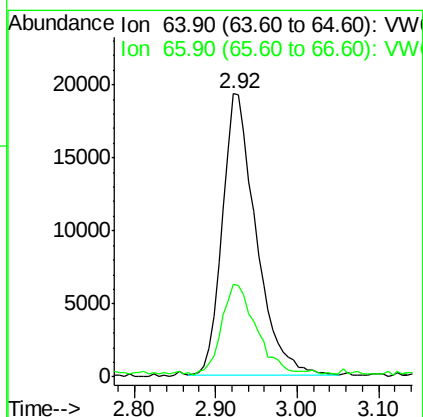
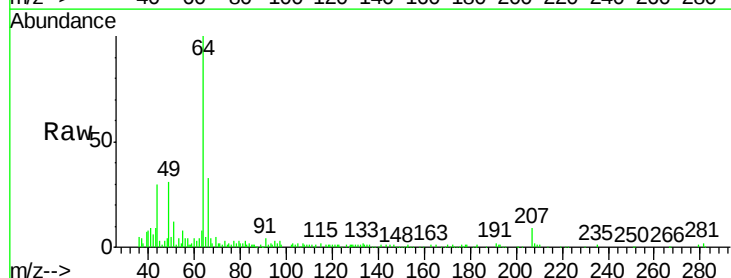
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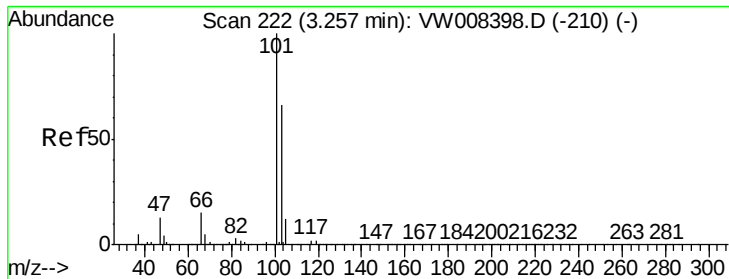
Tgt Ion: 64 Resp: 55149

Ion Ratio Lower Upper

64 100

66 31.7 24.9 37.3





#7

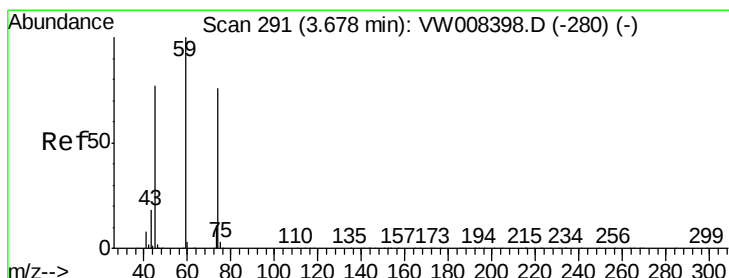
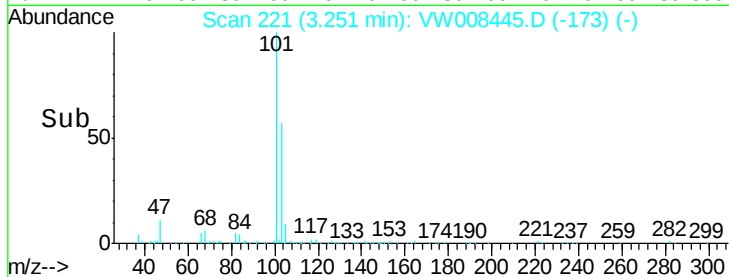
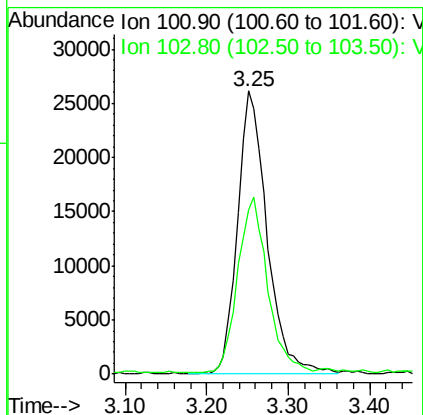
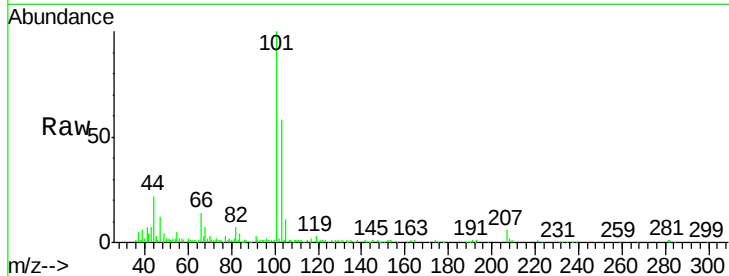
Trichlorofluoromethane
 Concen: 19.229 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
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 ClientSampleId :
 VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	57.3	52.5	78.7

Manual Integrations
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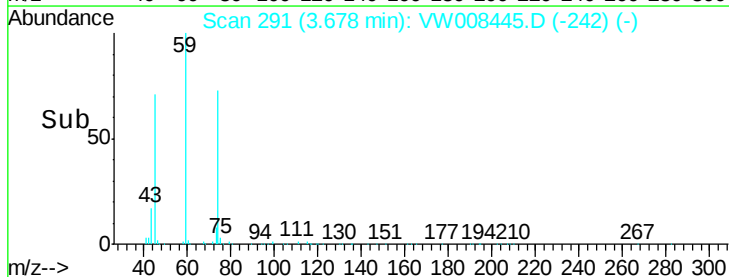
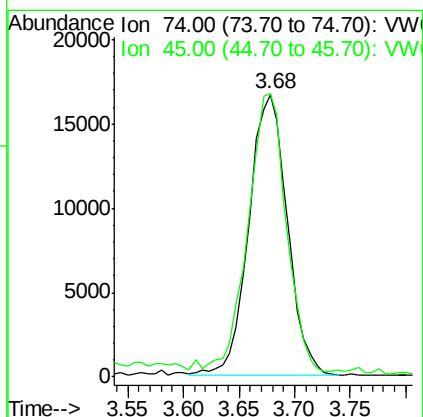
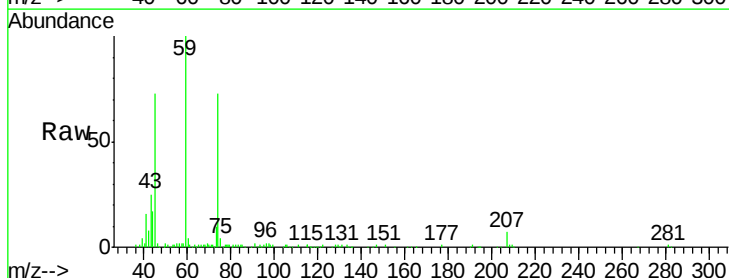
MMDadoda
 1/30/2019 9:39:45 AM

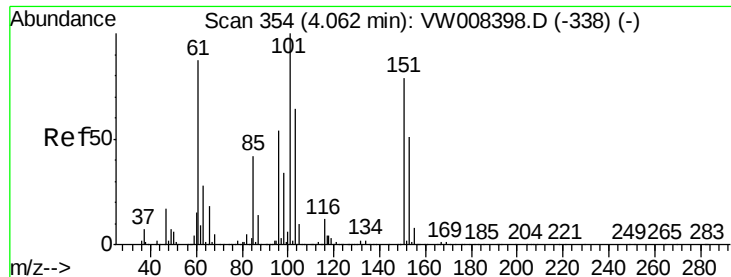


#8

Diethyl Ether
 Concen: 17.620 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.080 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

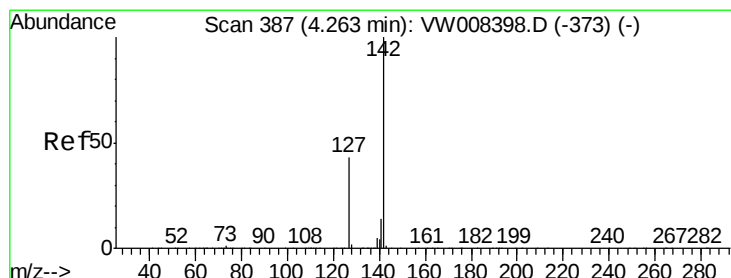
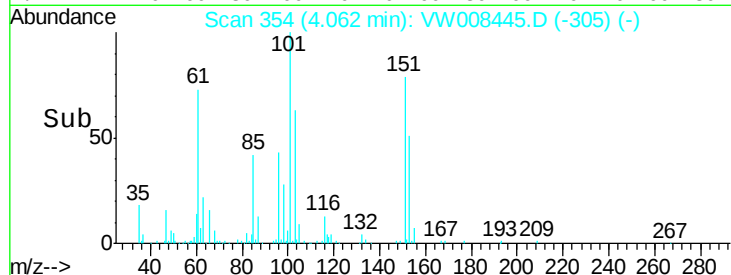
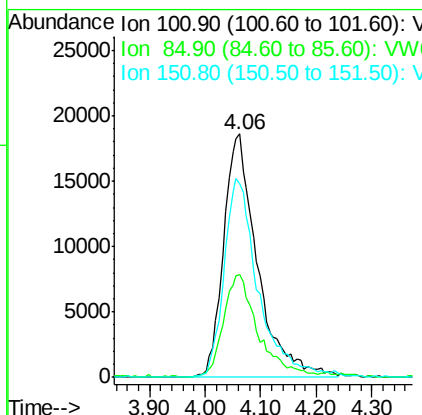
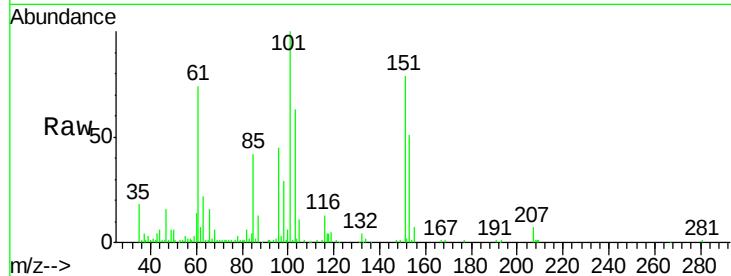
ClientSampleID :

VW0129SBS01

Tot Ion:	101	Resp:	78361
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.0	52.4
151	82.3	62.6	94.0

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#10

Methyl Iodide

Concen: 18.986 ug/l

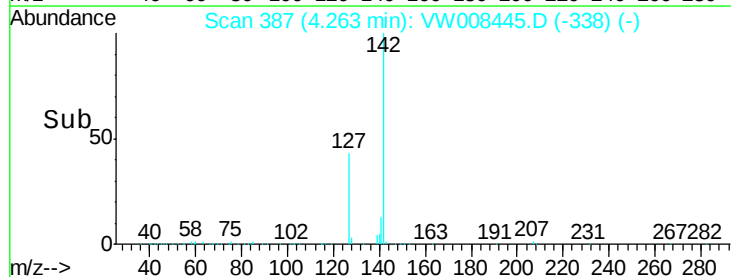
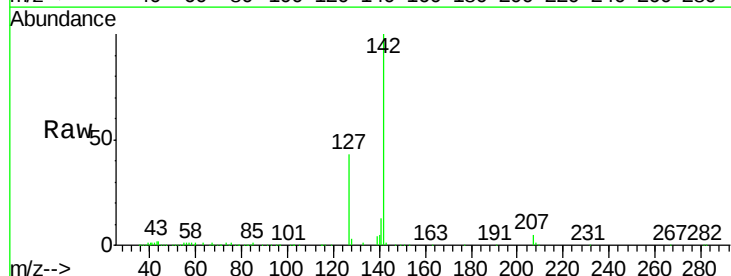
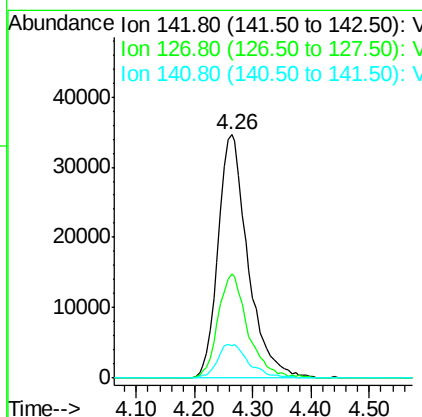
RT: 4.26 min Scan# 387

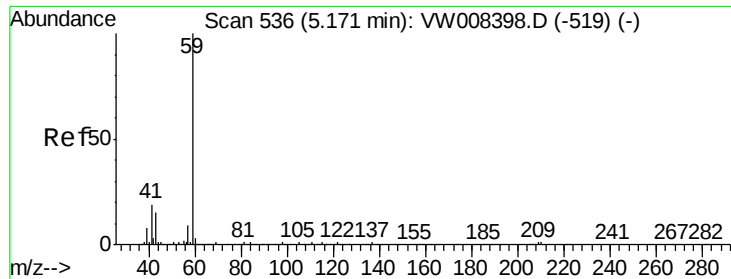
Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion:	142	Resp:	123164
Ion Ratio	Lower	Upper	
142	100		
127	42.3	34.6	52.0
141	14.6	11.4	17.2





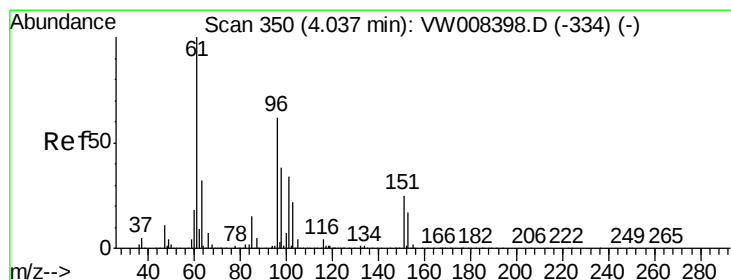
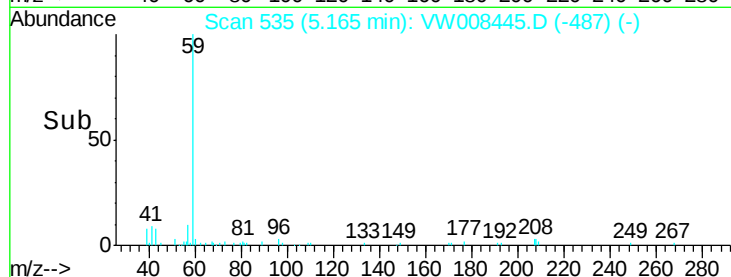
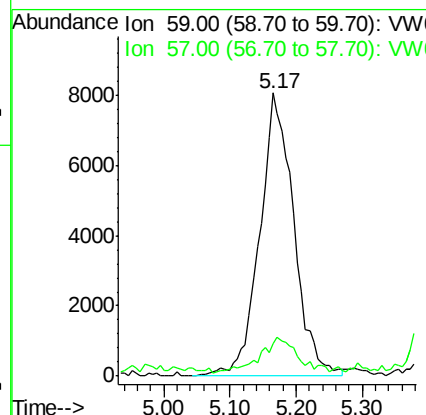
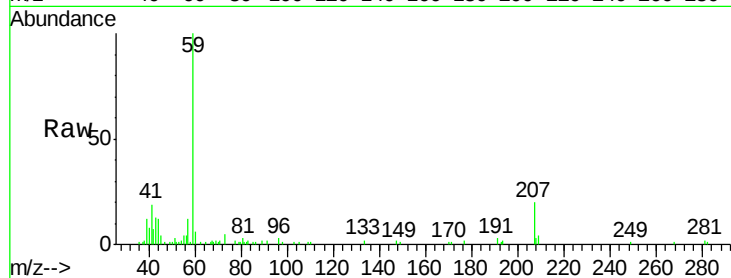
#11
Tert butyl alcohol
Concen: 80.339 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.7	9.3	13.9

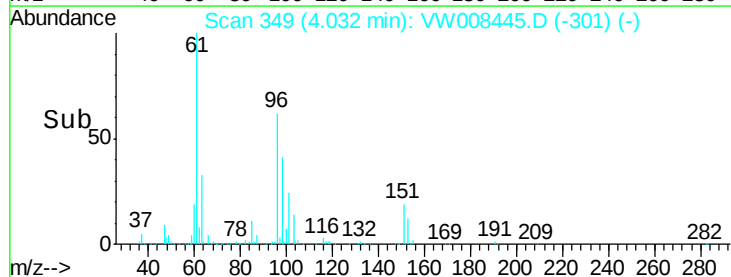
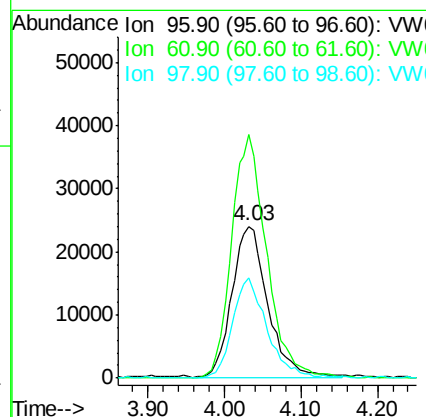
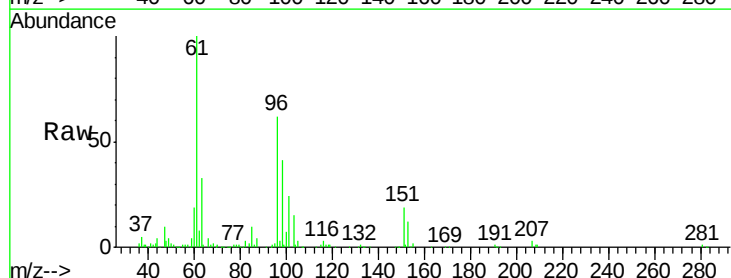
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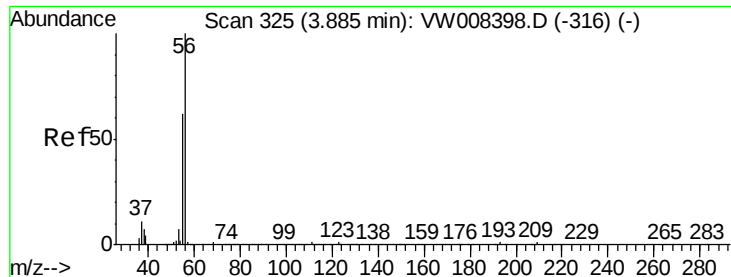
MMDadoda
1/30/2019 9:39:45 AM



#12
1,1-Dichloroethene
Concen: 18.666 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.1	129.5	194.3
98	66.2	48.6	73.0





#13

Acrolein

Concen: 93.778 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 56 Resp: 28874

Ion Ratio Lower Upper

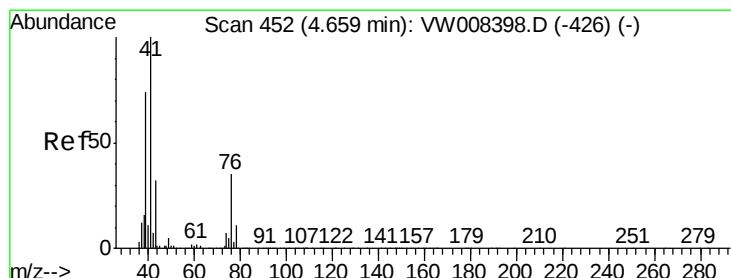
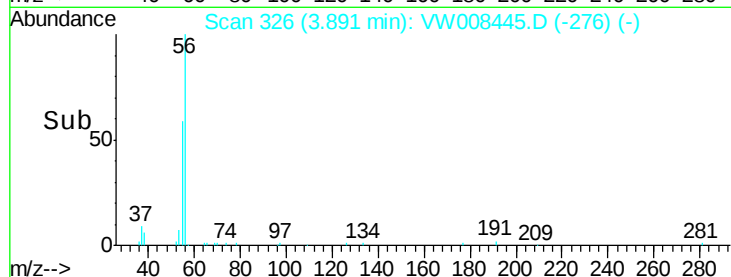
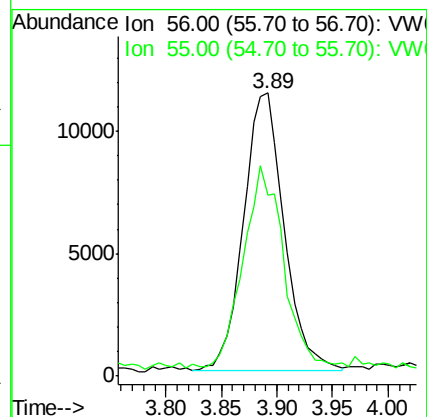
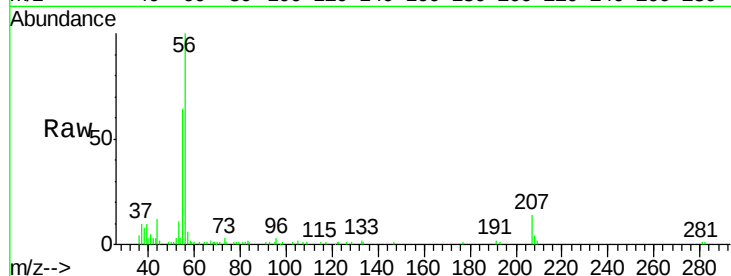
56 100

55 70.9 56.7 85.1

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#14

Allyl chloride

Concen: 16.414 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

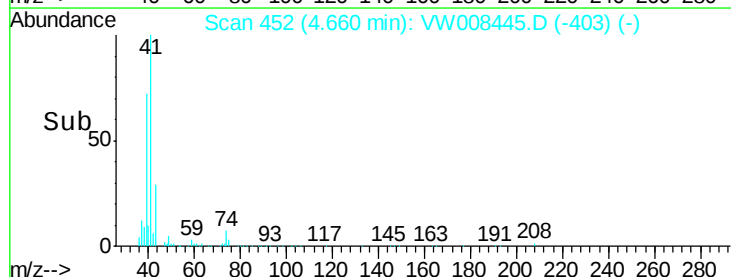
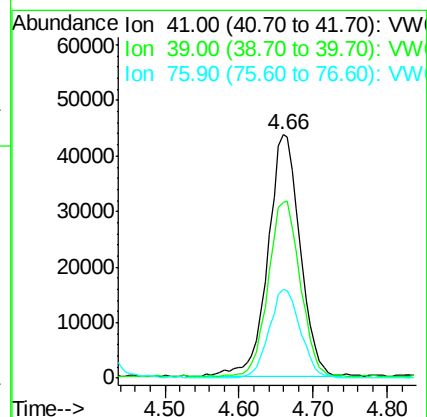
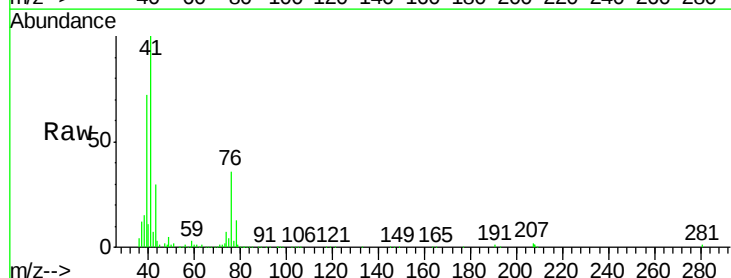
Tgt Ion: 41 Resp: 129550

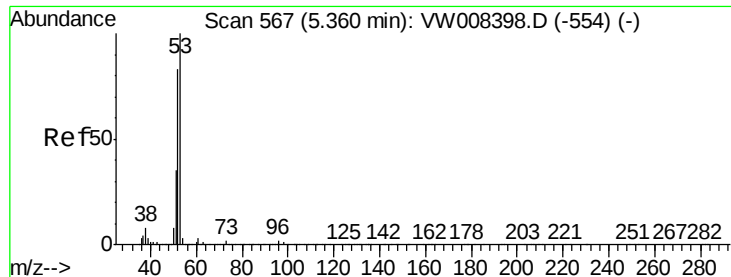
Ion Ratio Lower Upper

41 100

39 72.4 57.7 86.5

76 36.2 26.9 40.3





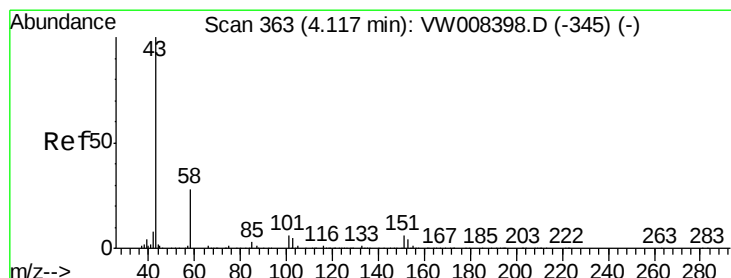
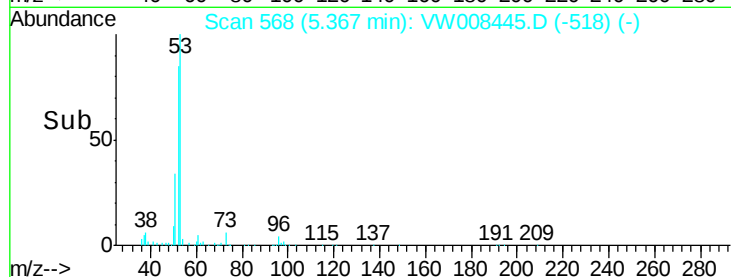
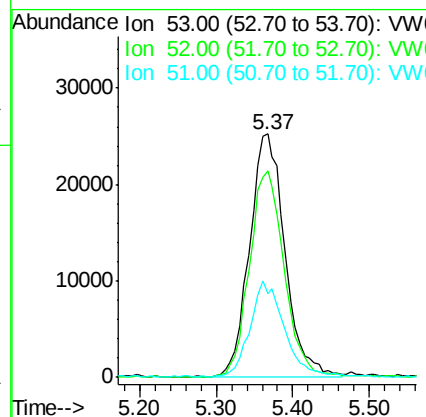
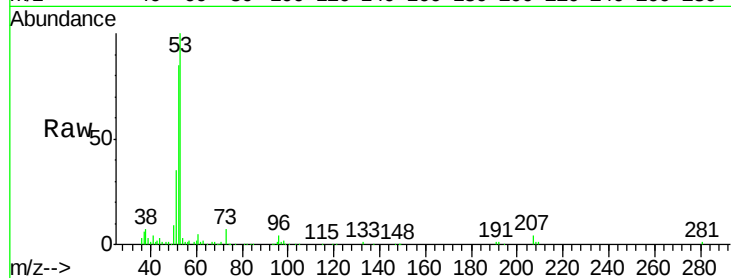
#15
 Acrylonitrile
 Concen: 83.366 ug/l
 RT: 5.37 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.0	100.4
51	38.7	29.8	44.8

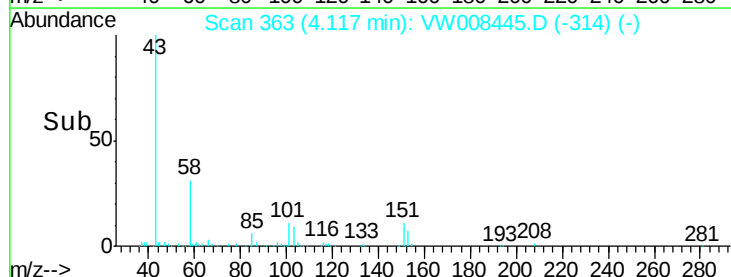
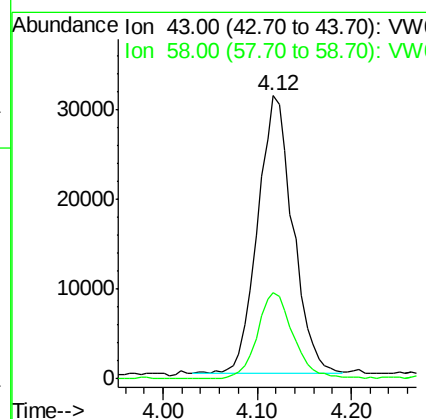
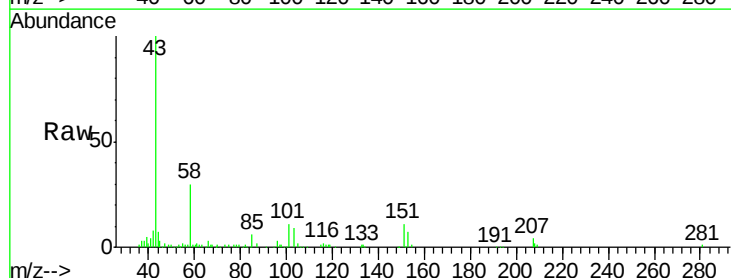
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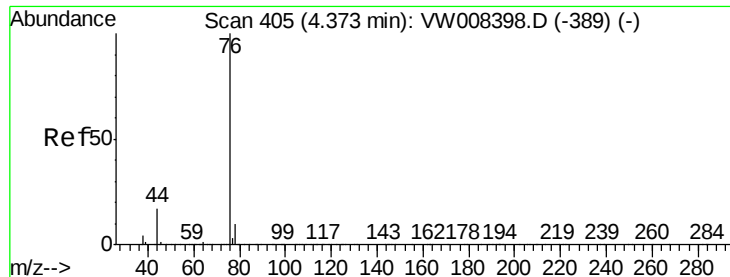
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#16
 Acetone
 Concen: 80.950 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.7	22.6	34.0





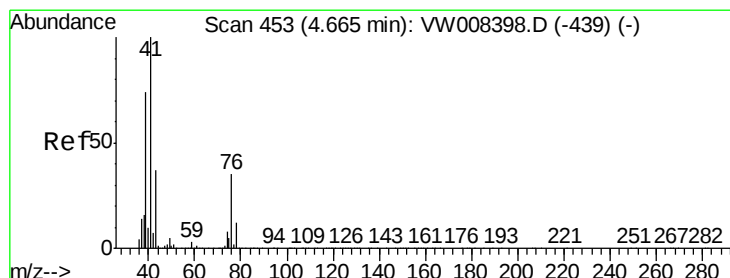
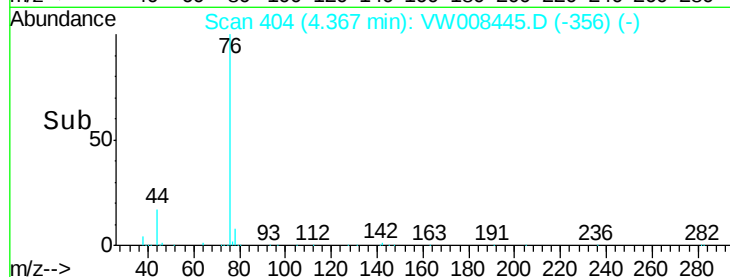
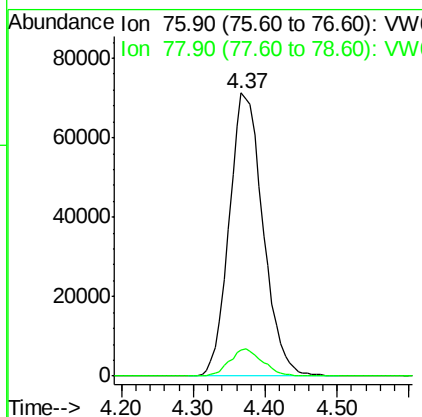
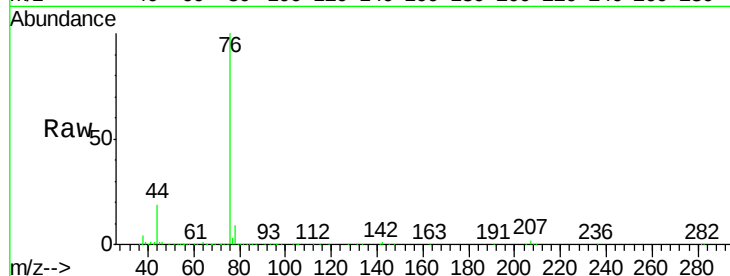
#17
Carbon Disulfide
Concen: 17.543 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.7	11.5

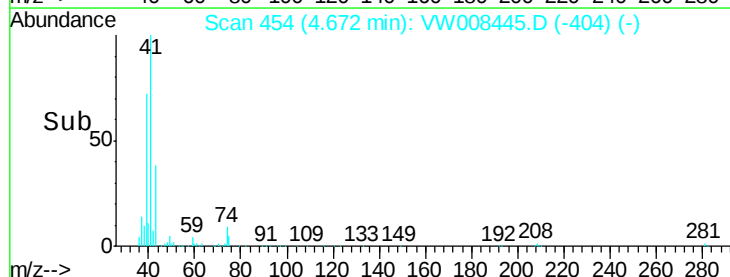
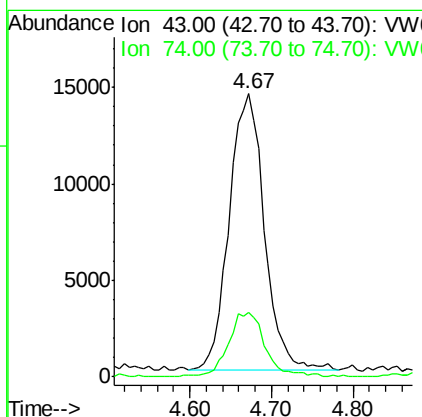
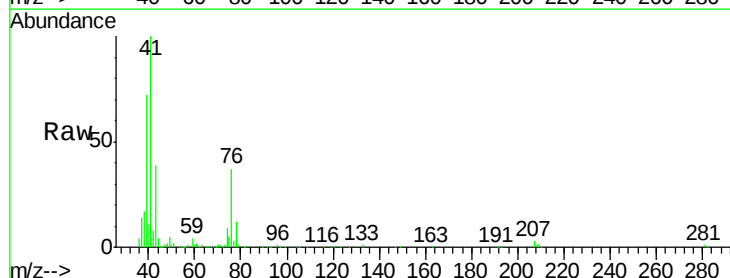
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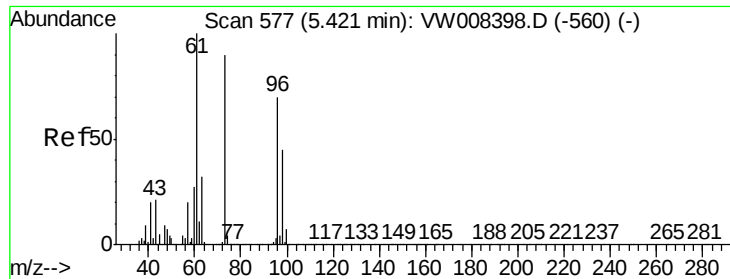
MMDadoda
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#18
Methyl Acetate
Concen: 16.010 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	17.5	26.3





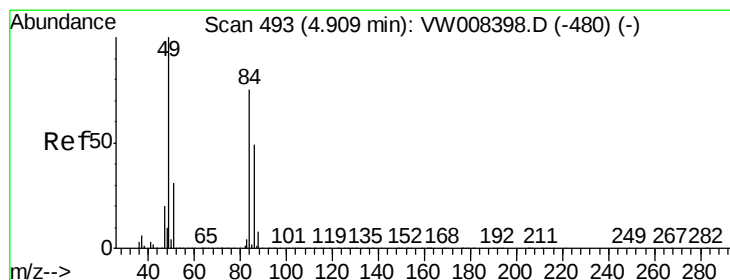
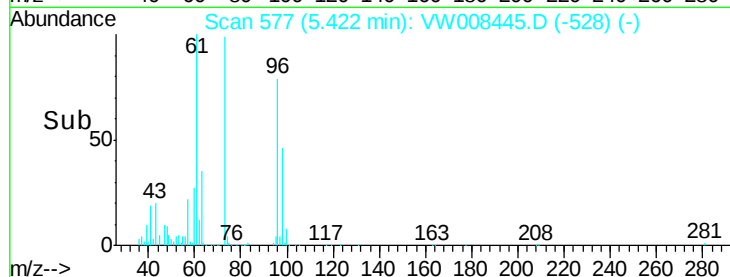
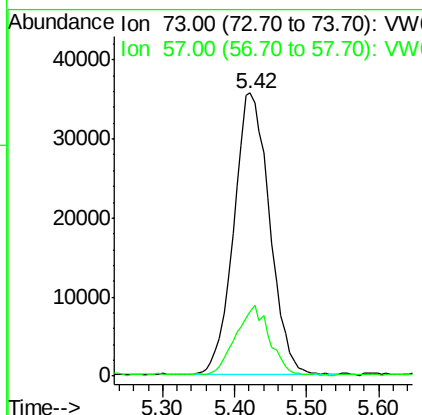
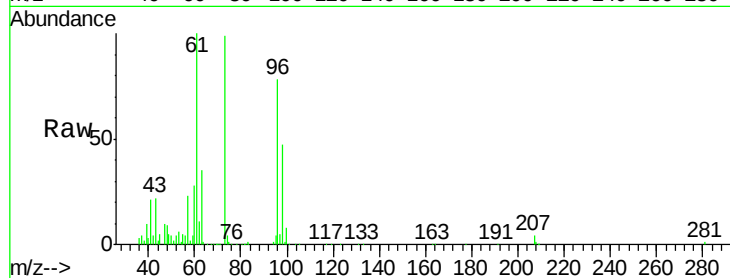
#19
Methvl tert-butvl Ether
Concen: 17.787 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	18.0	27.0

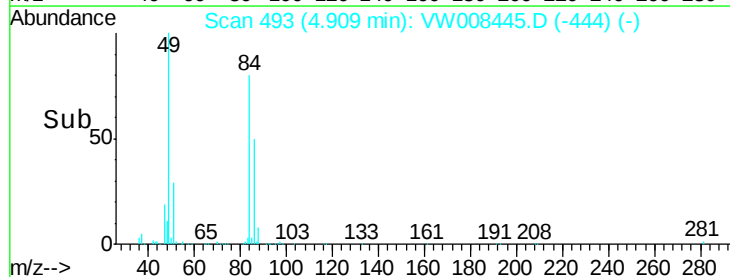
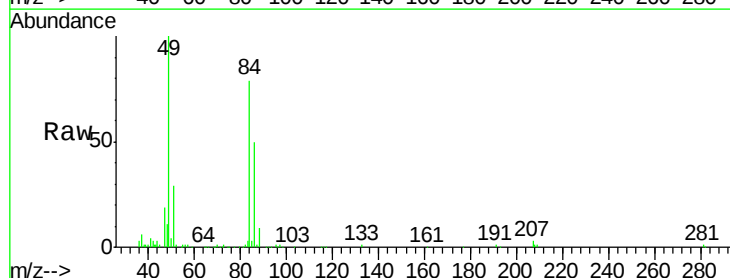
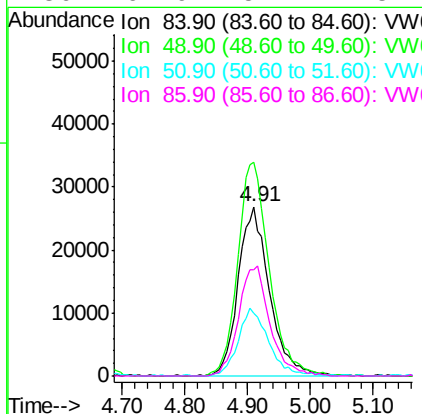
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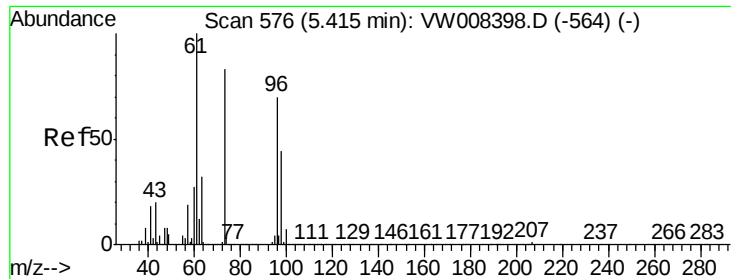
MMDadoda
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#20
Methylene Chloride
Concen: 20.087 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	106.8	160.2
51	36.4	32.9	49.3
86	62.9	52.2	78.2





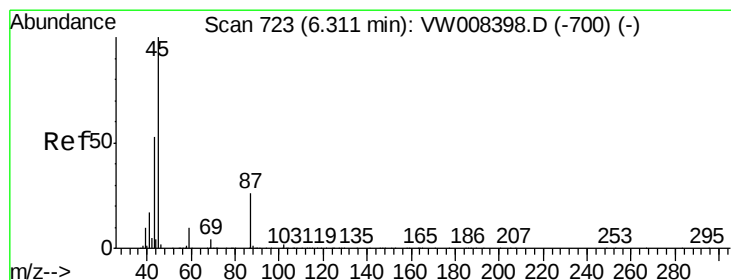
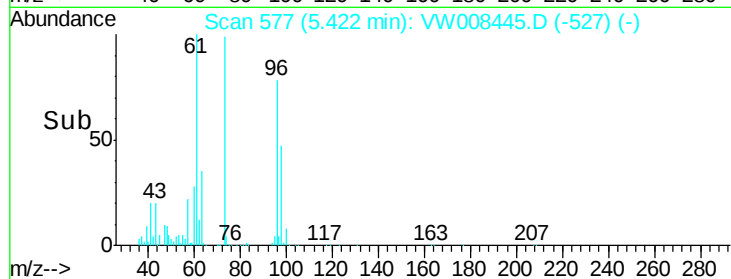
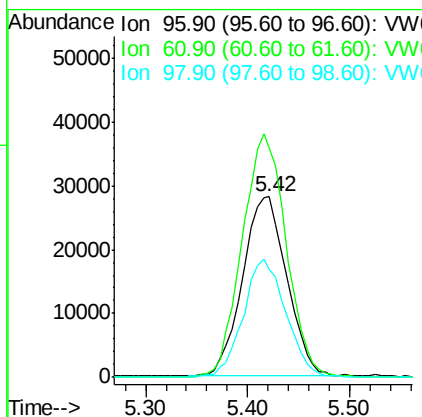
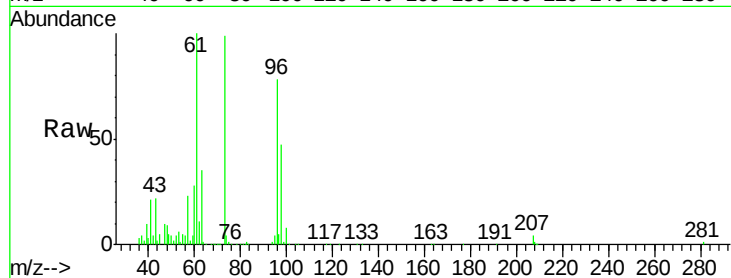
#21
trans-1,2-Dichloroethene
Concen: 18.037 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.2	114.4	171.6
98	60.0	50.6	75.8

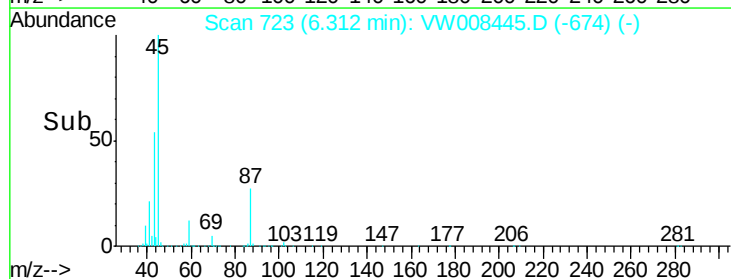
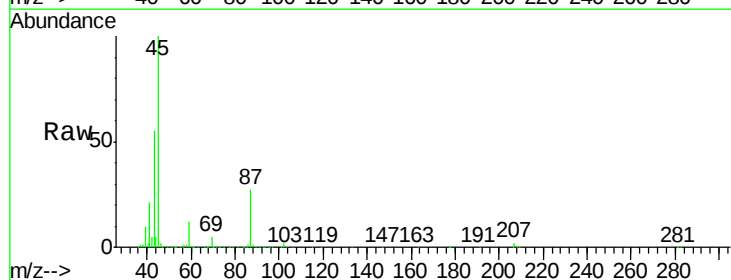
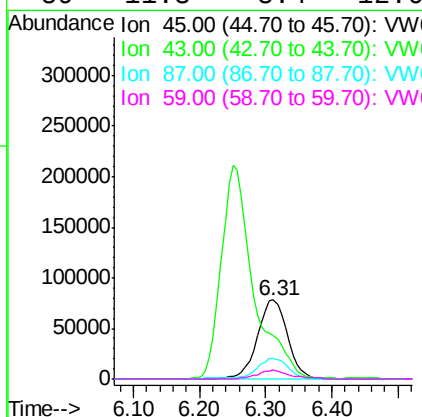
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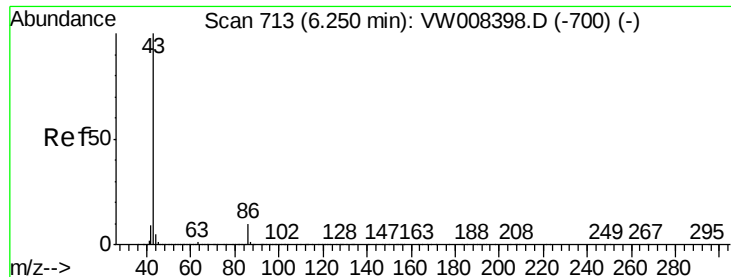
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#22
Diisopropyl ether
Concen: 16.494 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
45	100		
43	53.9	42.6	63.8
87	26.5	20.3	30.5
59	11.3	8.4	12.6





#23

Vinyl Acetate

Concen: 80.613 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 43 Resp: 712017

Ion Ratio Lower Upper

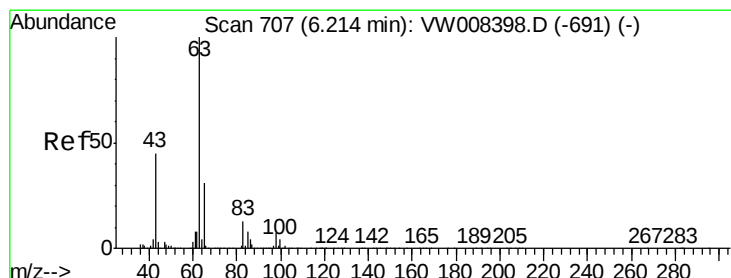
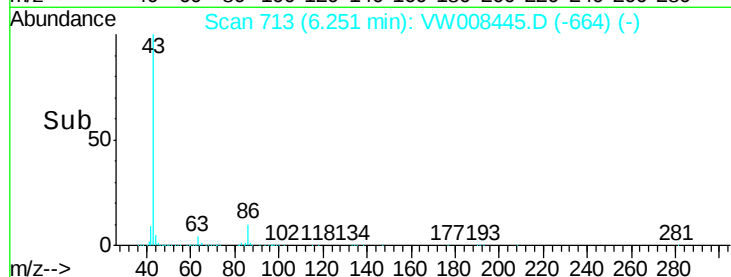
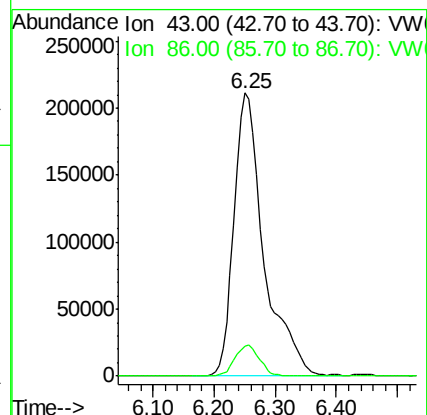
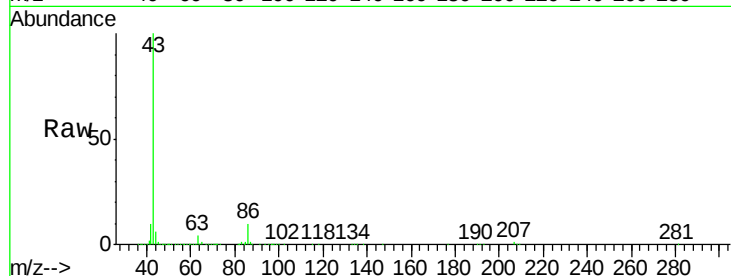
43 100

86 10.4 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 17.307 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

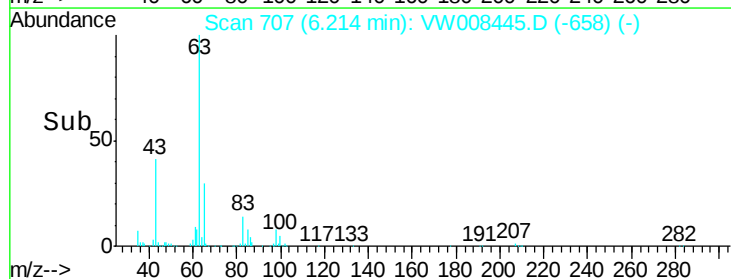
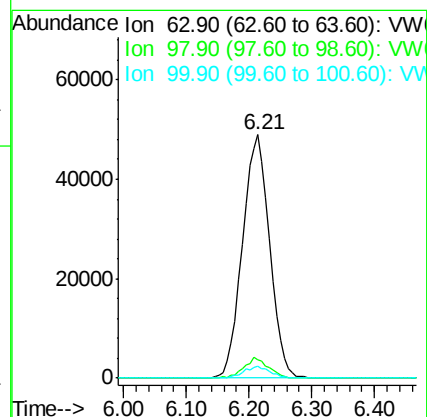
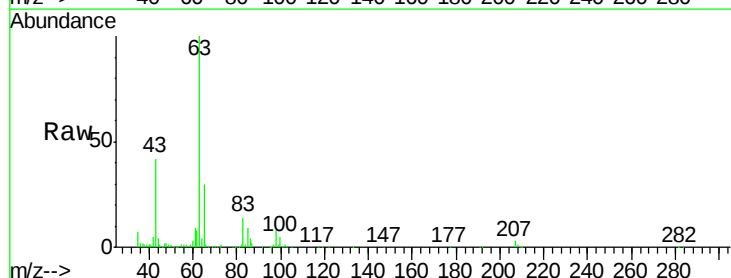
Tgt Ion: 63 Resp: 146543

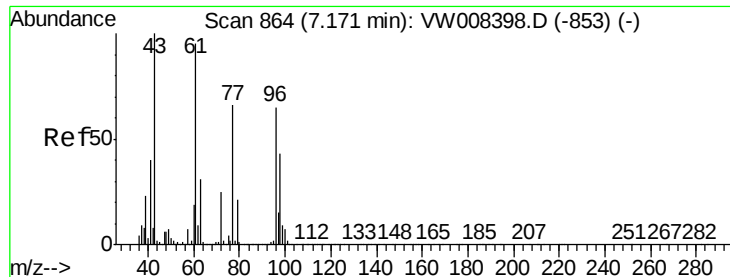
Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

100 5.0 2.1 6.2





#25

2-Butanone

Concen: 80.672 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 43 Resp: 112252

Ion Ratio Lower Upper

43 100

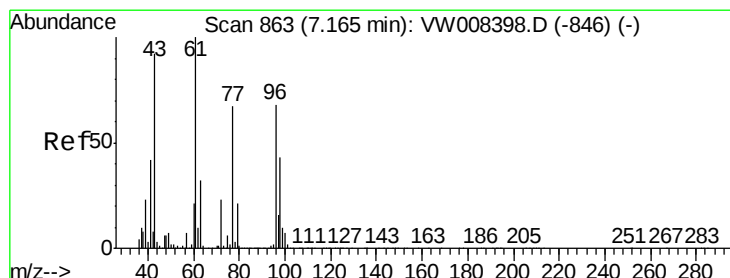
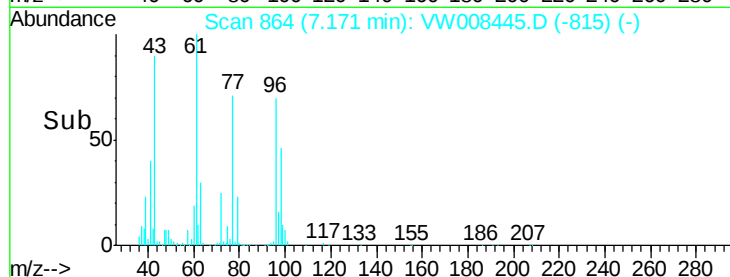
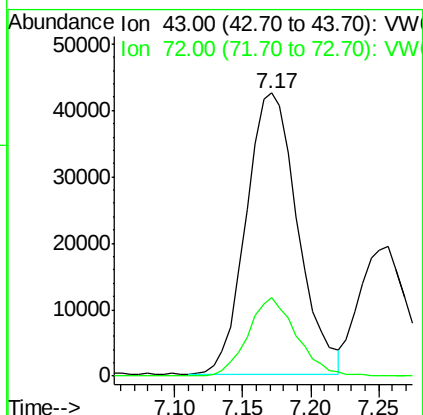
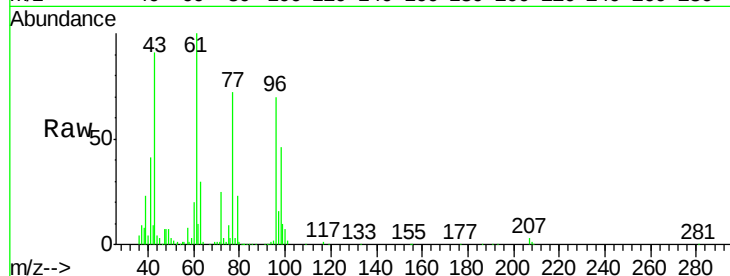
72 27.8 20.1 30.1

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#26

2,2-Dichloropropane

Concen: 18.143 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW008445.D

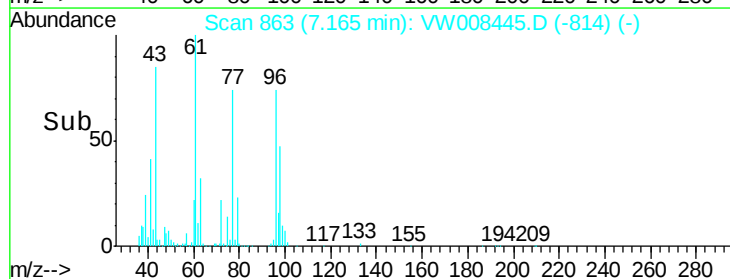
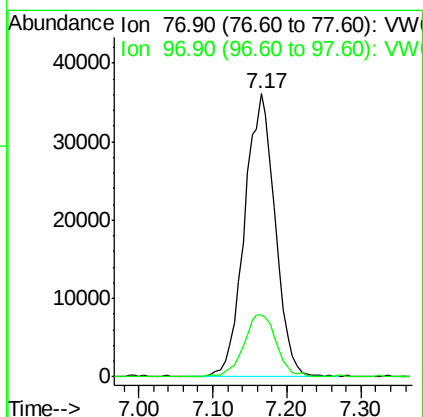
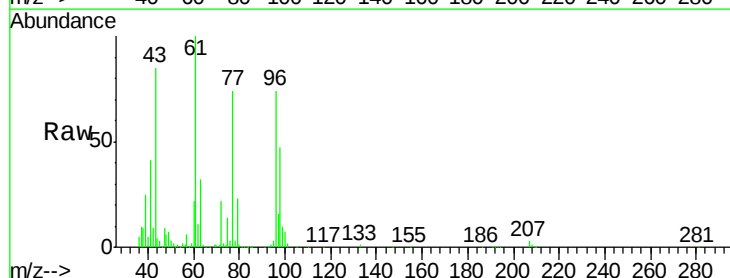
Acq: 29 Jan 2019 12:08

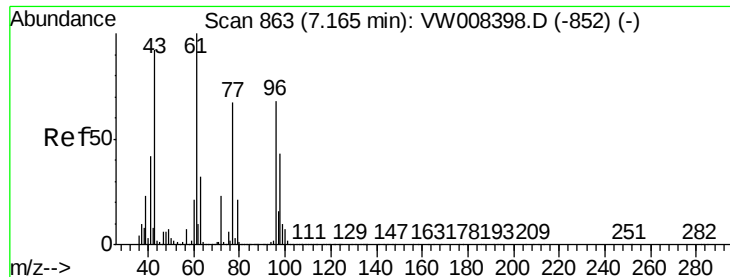
Tgt Ion: 77 Resp: 103836

Ion Ratio Lower Upper

77 100

97 23.6 11.5 34.5





#27

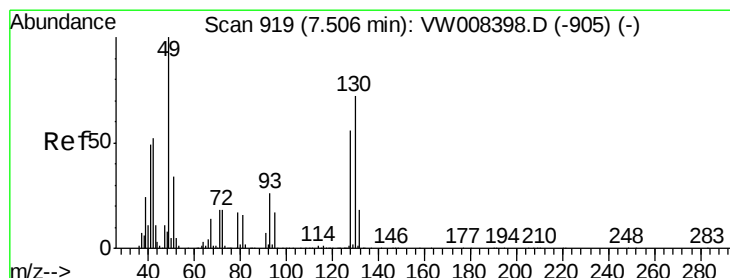
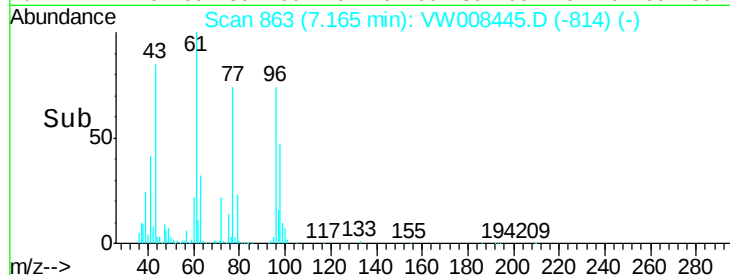
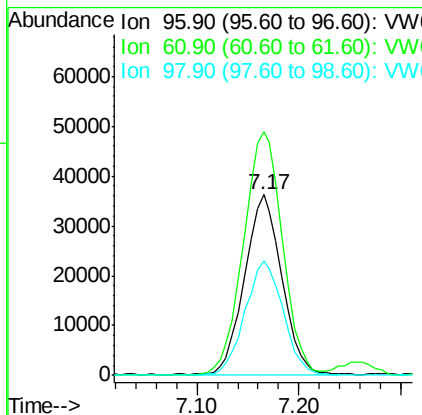
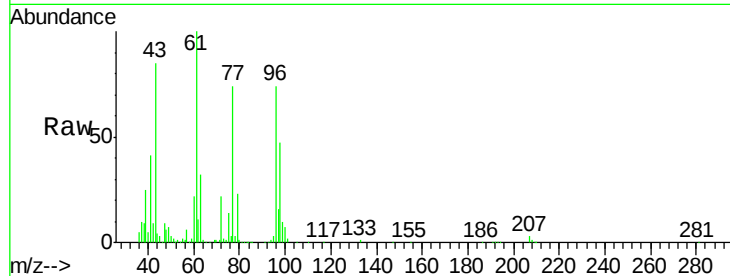
cis-1,2-Dichloroethene
Concen: 18.185 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	292.8
98	64.8	0.0	129.2

Manual Integrations
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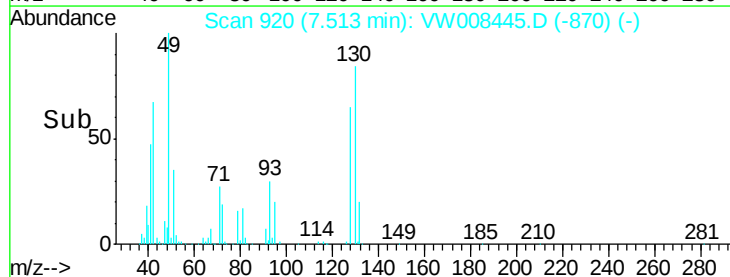
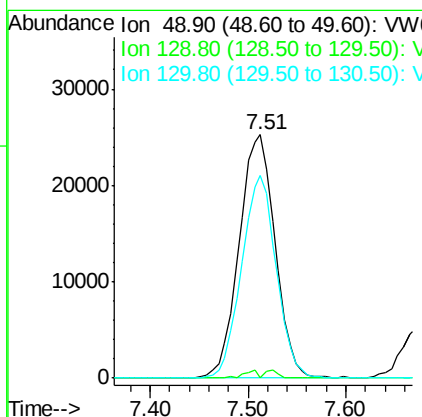
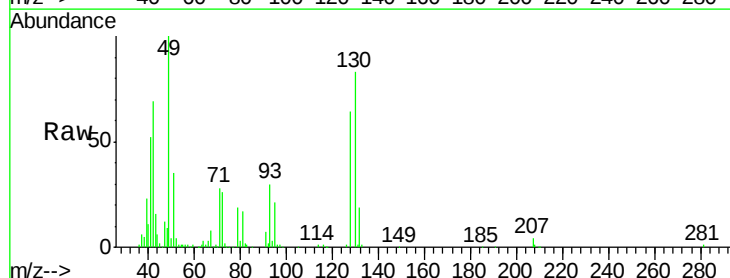
MMDadoda
1/30/2019 9:39:45 AM

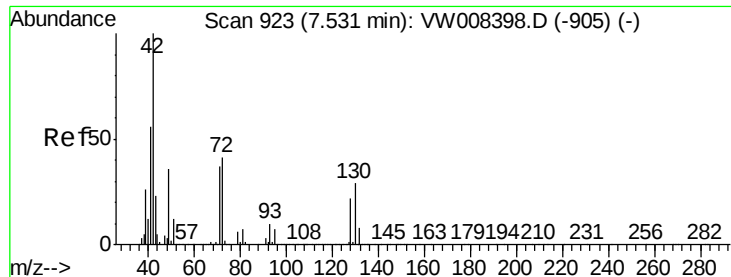


#28

Bromochloromethane
Concen: 16.537 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.6
130	80.4	58.6	87.8





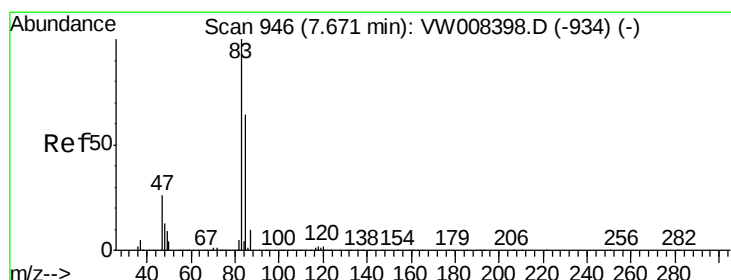
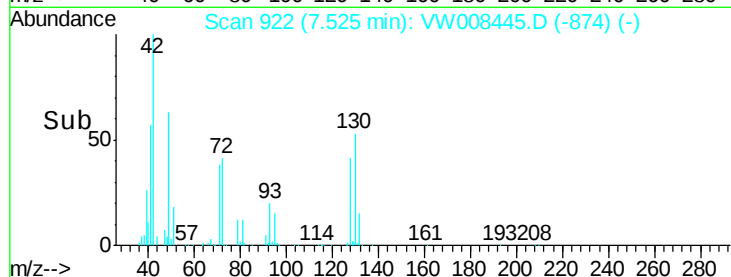
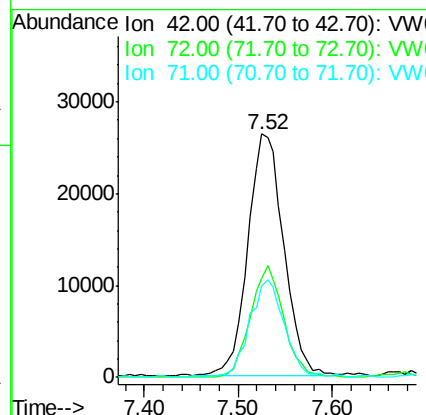
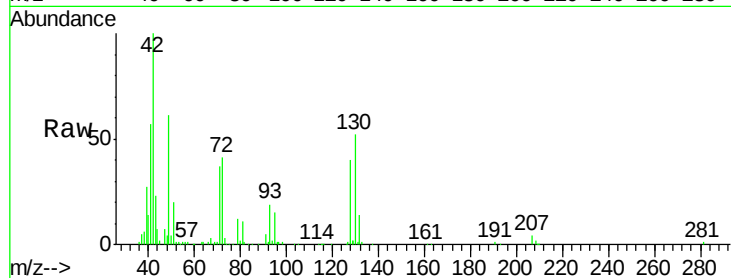
#29
Tetrahydrofuran
Concen: 80.026 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.8	31.9	47.9
71	39.0	29.9	44.9

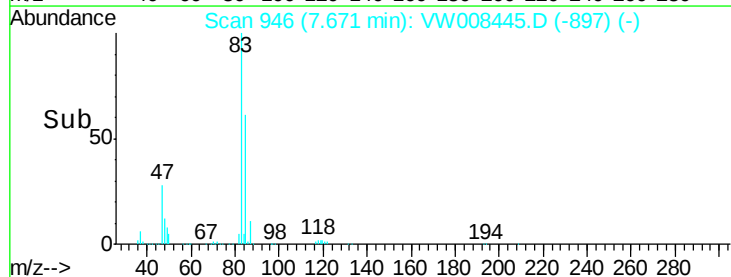
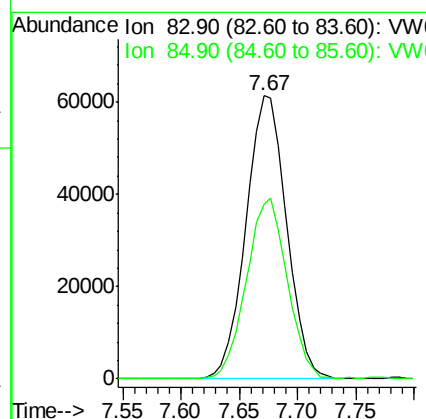
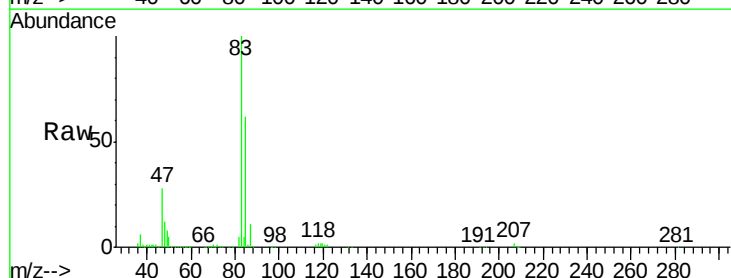
Manual Integrations
APPROVED

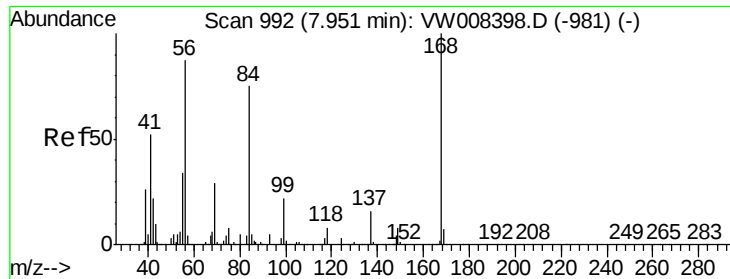
MMDadoda
1/30/2019 9:39:45 AM



#30
Chloroform
Concen: 17.842 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.5	50.9	76.3





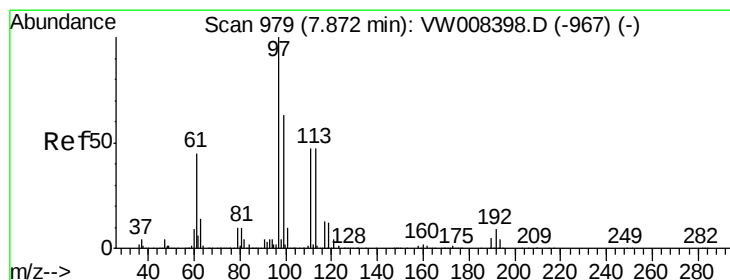
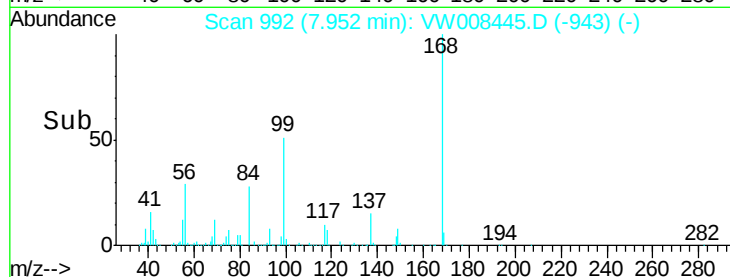
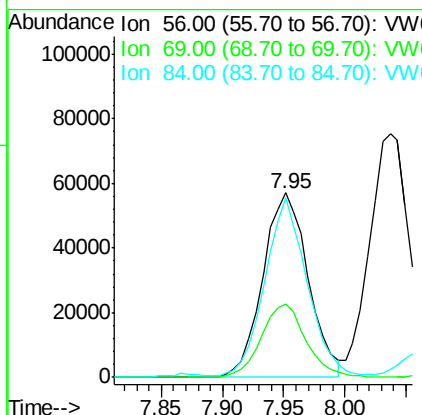
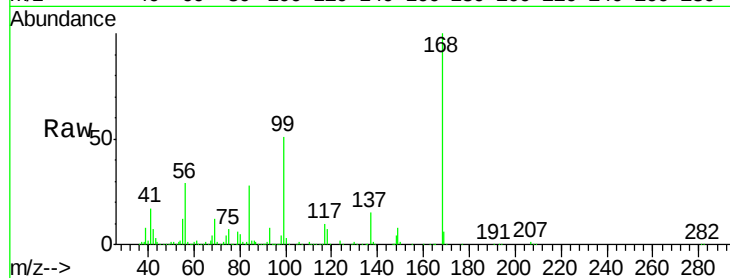
#31
Cyclohexane
Concen: 16.688 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	39.6	26.4	39.6	
84	95.8	69.1	103.7	

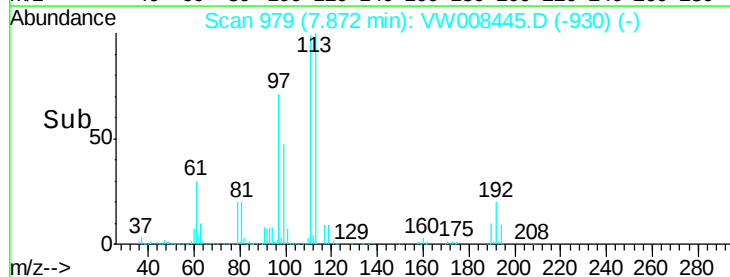
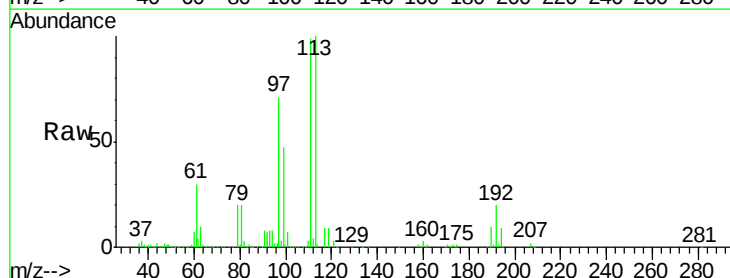
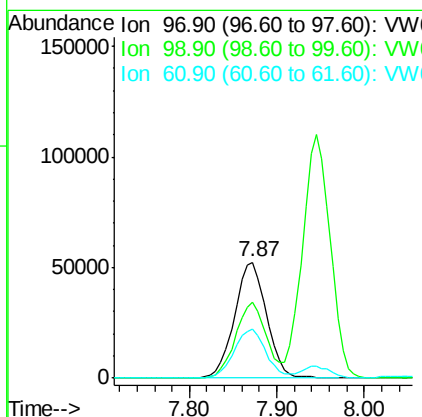
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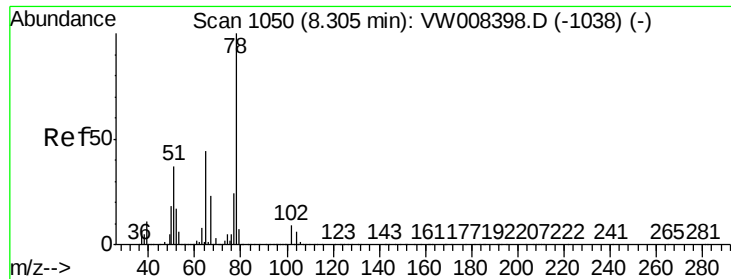
MMDadoda
1/30/2019 9:39:45 AM



#32
1,1,1-Trichloroethane
Concen: 18.504 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	62.5	51.3	76.9	
61	42.0	36.2	54.4	





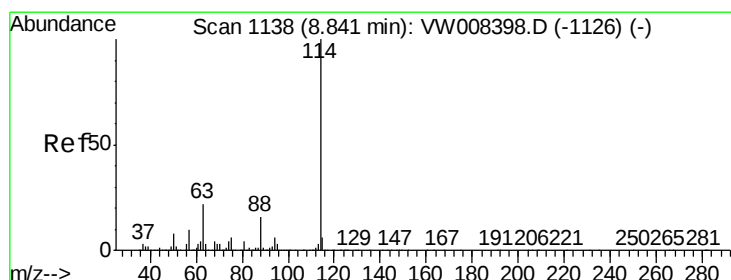
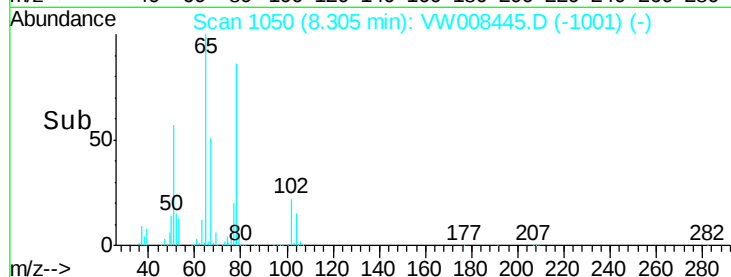
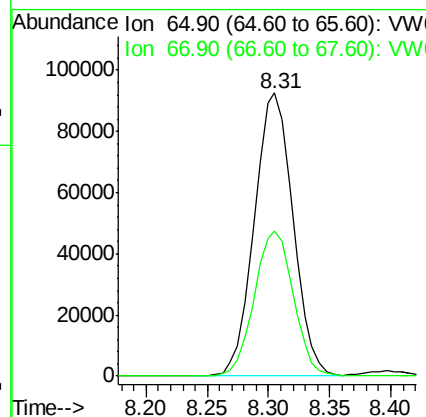
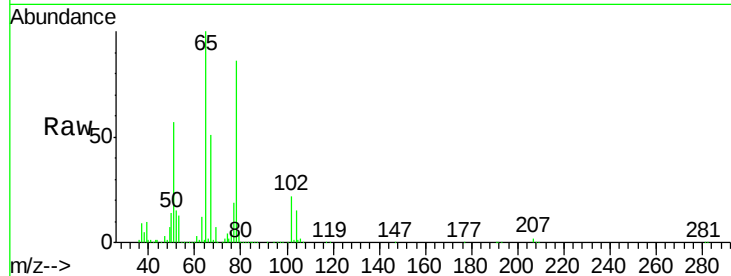
#33
 1,2-Dichloroethane-d4
 Concen: 45.777 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0129SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.8	0.0	104.0	

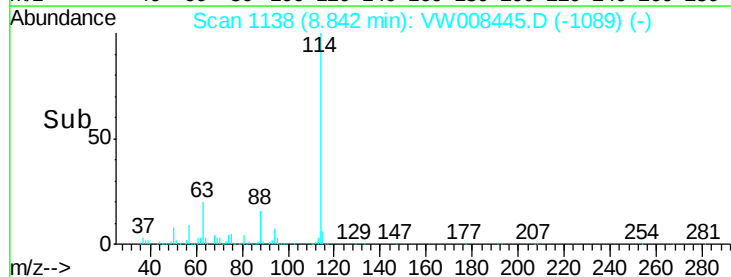
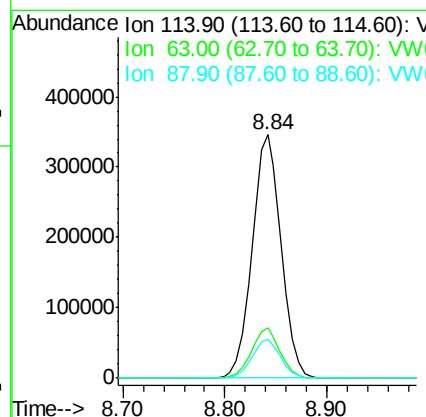
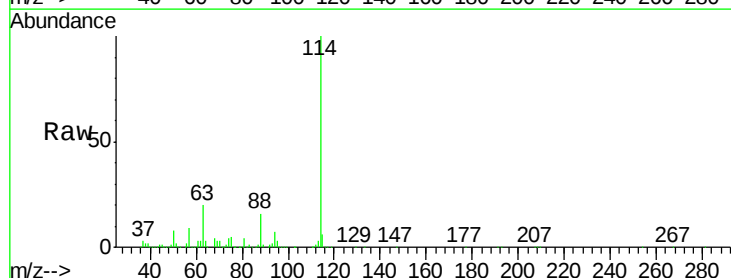
Manual Integrations
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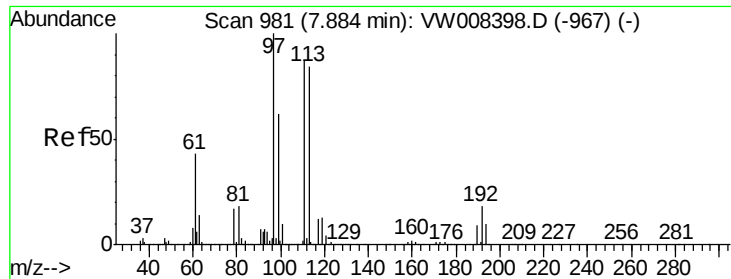
MMDadoda
 1/30/2019 9:39:45 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.4	0.0	43.6	
88	15.8	0.0	31.8	





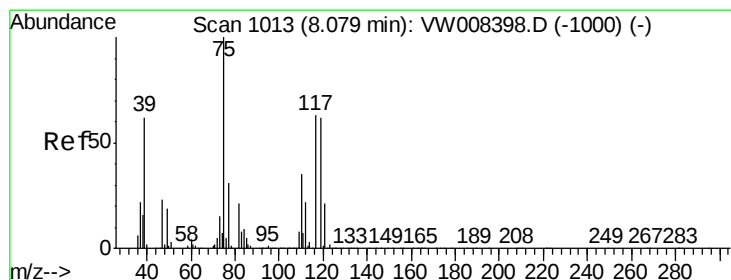
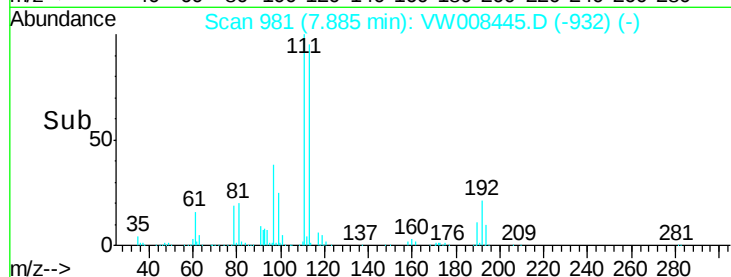
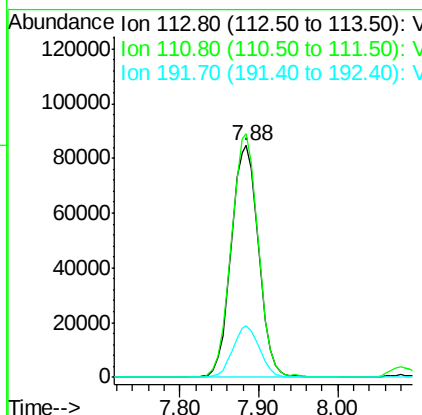
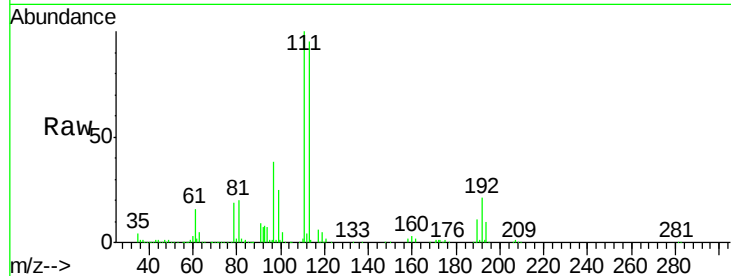
#35
 Dibromofluoromethane
 Concen: 51.350 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.0	121.4
192	21.7	16.8	25.2

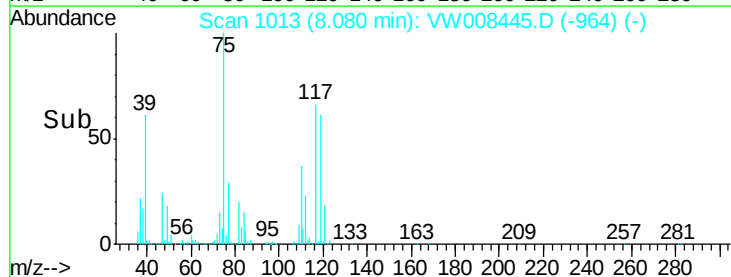
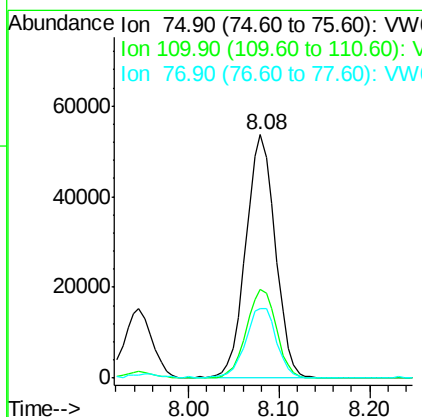
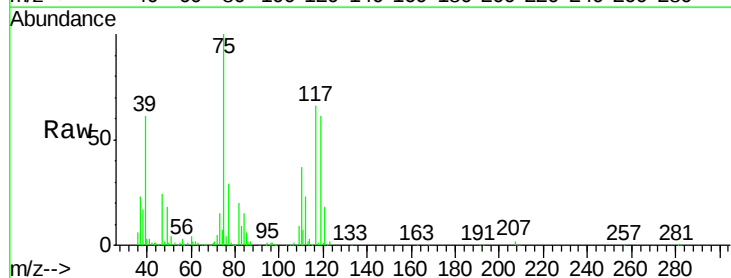
Manual Integrations
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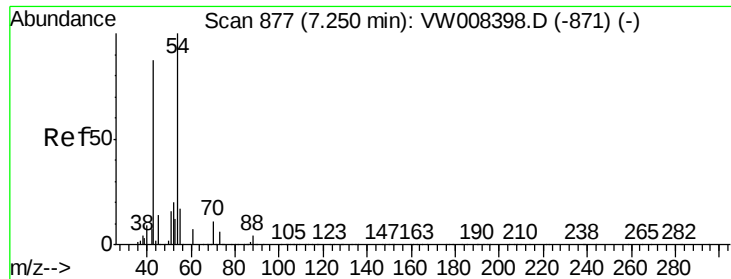
MMDadoda
 1/30/2019 9:39:45 AM



#36
 1,1-Dichloropropene
 Concen: 18.821 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.1	17.3	52.0
77	30.3	24.7	37.1





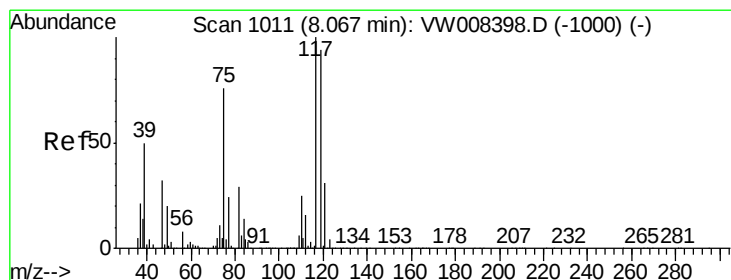
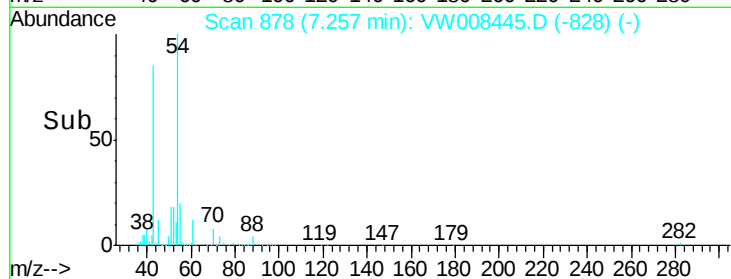
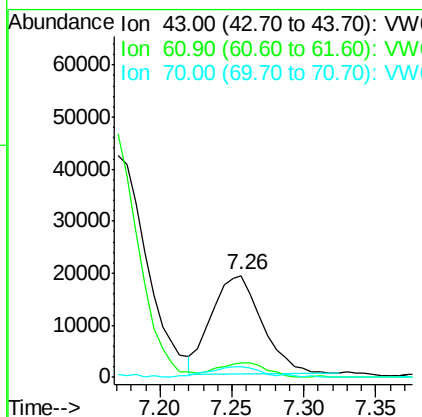
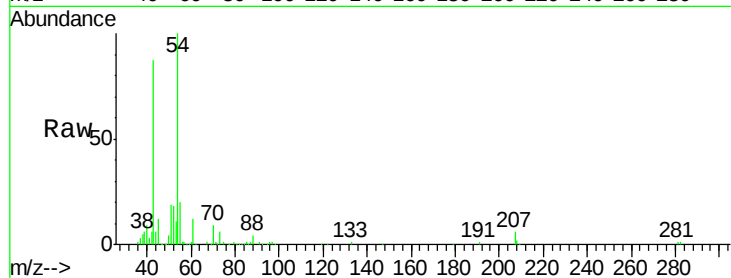
#37
Ethyl Acetate
Concen: 16.298 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.1	15.1
70	11.3	7.8	11.6

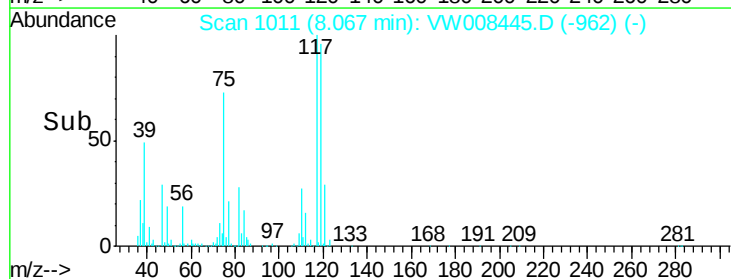
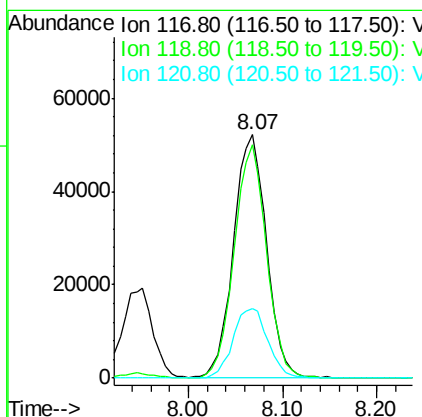
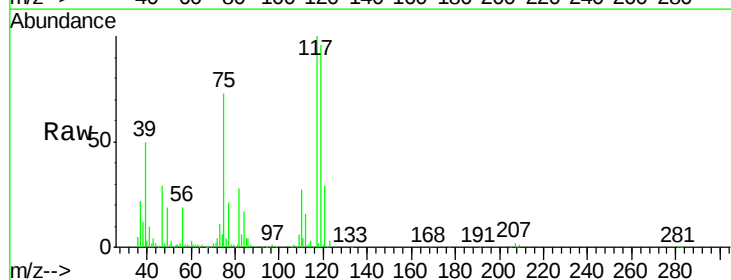
Manual Integrations
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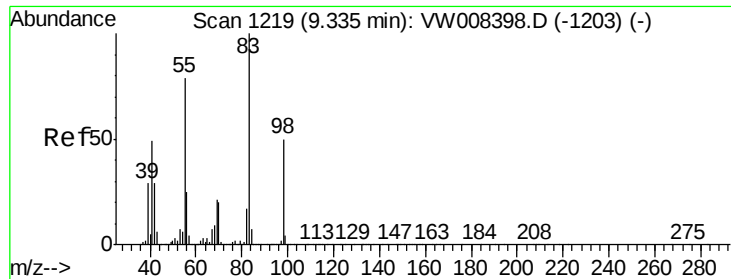
MMDadoda
1/30/2019 9:39:45 AM



#38
Carbon Tetrachloride
Concen: 19.655 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	75.0	112.4
121	28.7	24.9	37.3





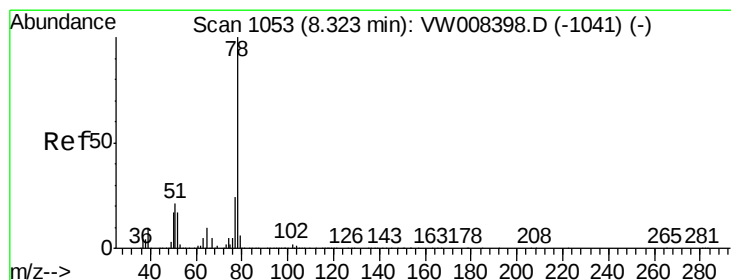
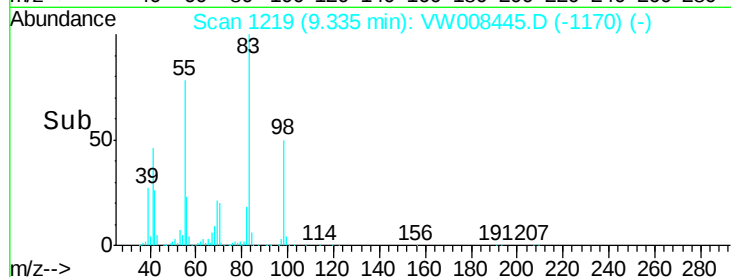
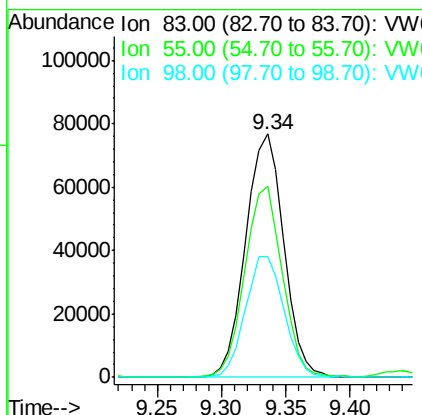
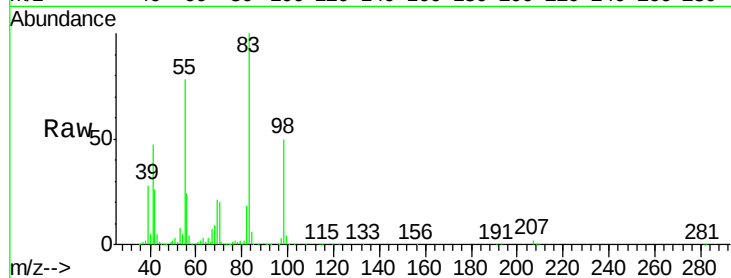
#39
Methvlcvclohexane
Concen: 18.610 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.1	63.3	94.9
98	49.7	39.7	59.5

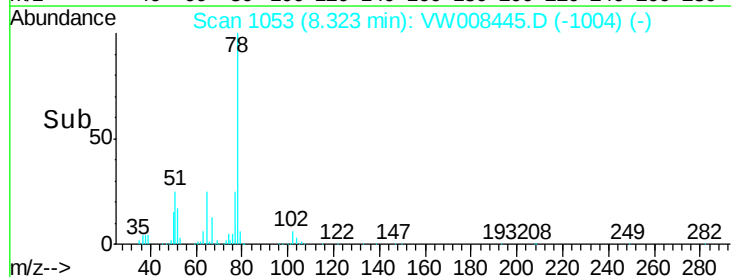
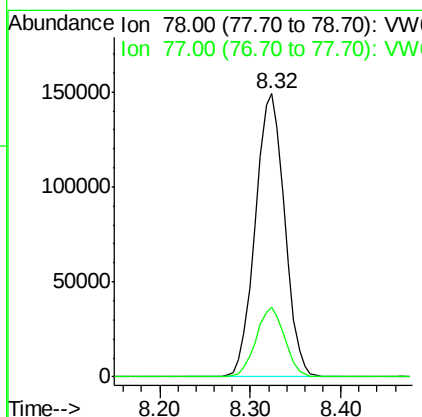
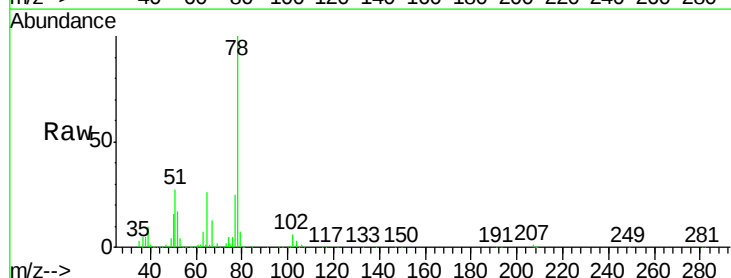
Manual Integrations
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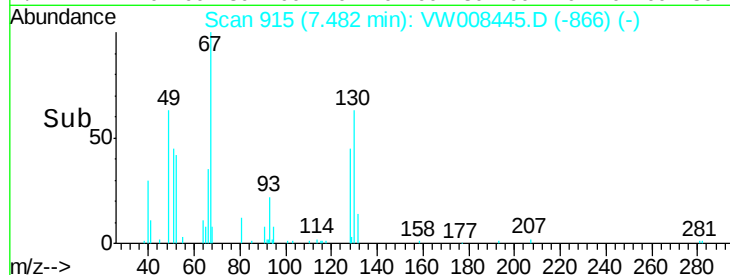
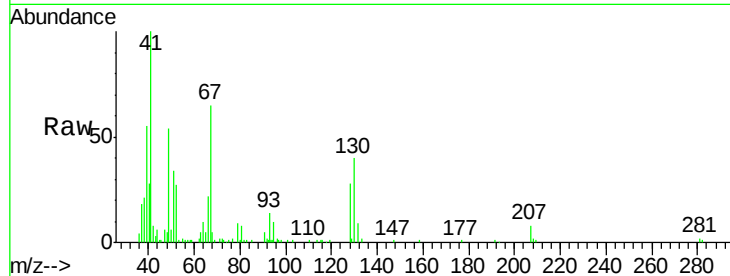
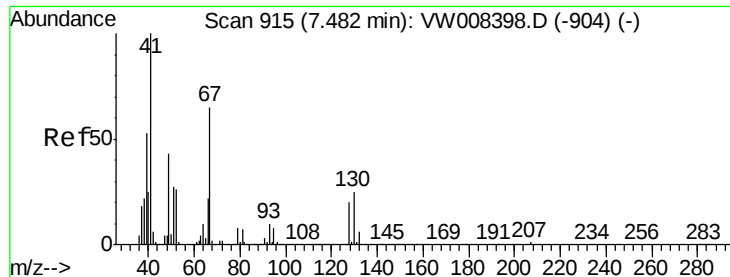
MMDadoda
1/30/2019 9:39:45 AM



#40
Benzene
Concen: 18.660 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.6





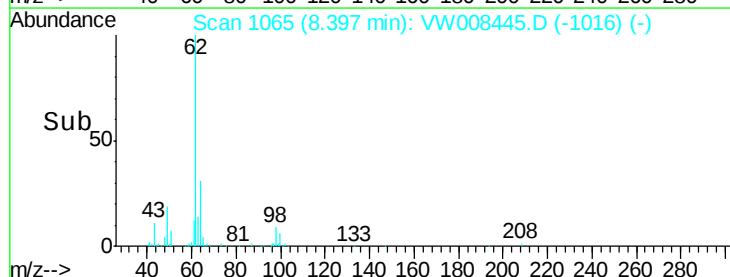
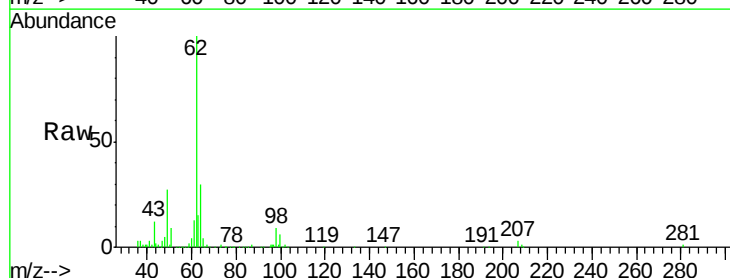
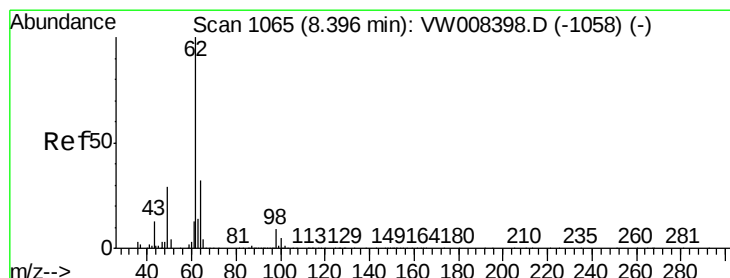
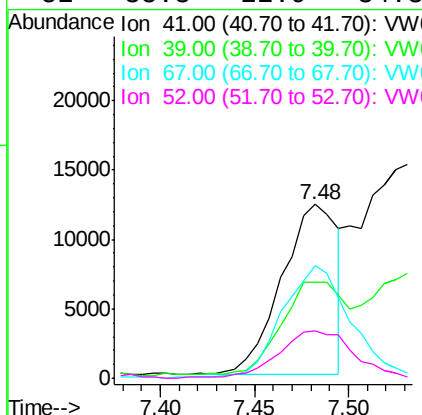
#41
Methacrylonitrile
Concen: 14.930 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tot Ion	Ratio	Lower	Upper
41	100		
39	61.9	43.4	65.0
67	83.2	54.2	81.2#
52	38.3	22.9	34.3#

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

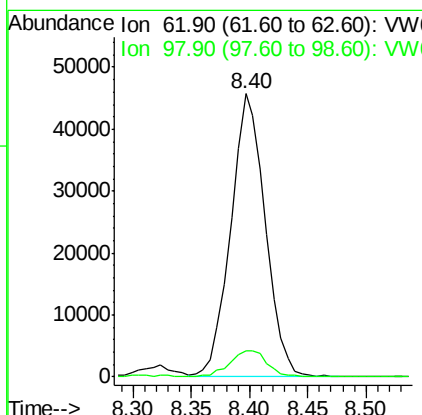
Manual Integrations
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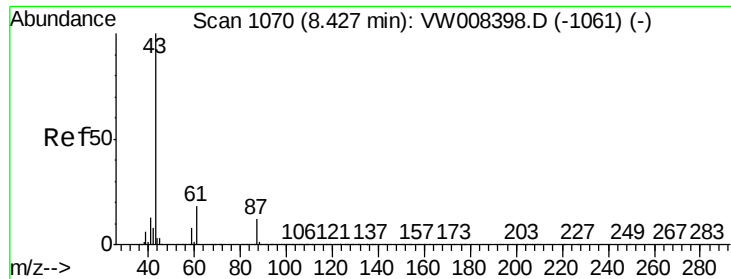
MMDadoda
1/30/2019 9:39:45 AM



#42
1,2-Dichloroethane
Concen: 18.266 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.6





#43

Isopropyl Acetate

Concen: 17.118 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

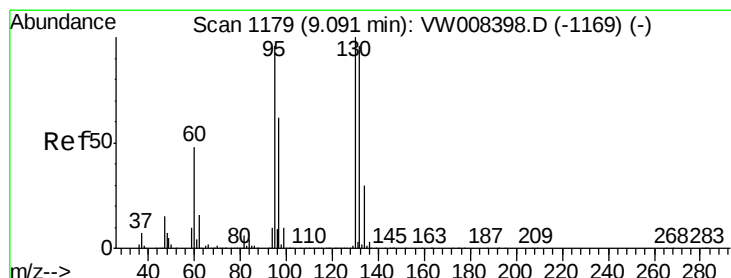
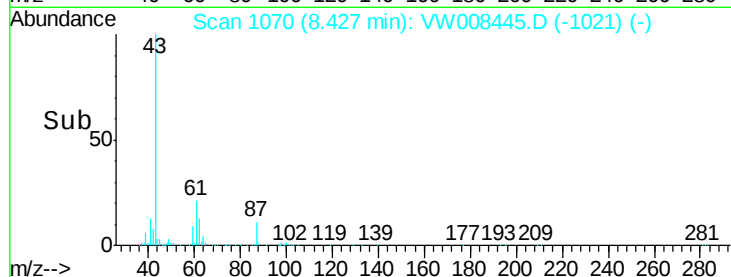
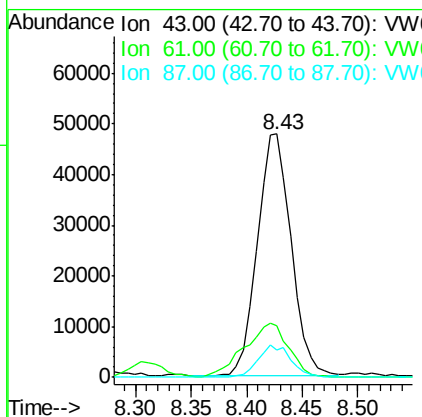
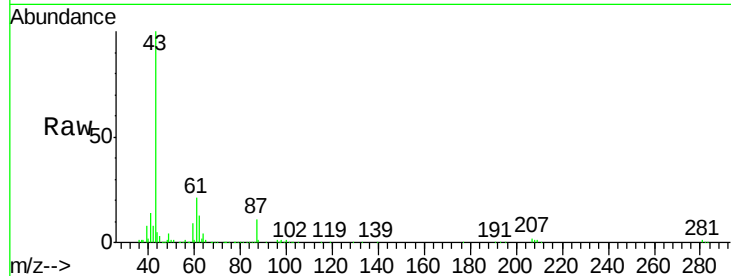
ClientSampleId :

VW0129SBS01

Tot Ion:	43	Resp:	101112
Ion Ratio		Lower	Upper
43	100		
61	28.7	22.0	33.0
87	13.1	9.3	13.9

Manual Integrations
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MMDadoda
1/30/2019 9:39:45 AM



#44

Trichloroethene

Concen: 19.903 ug/l

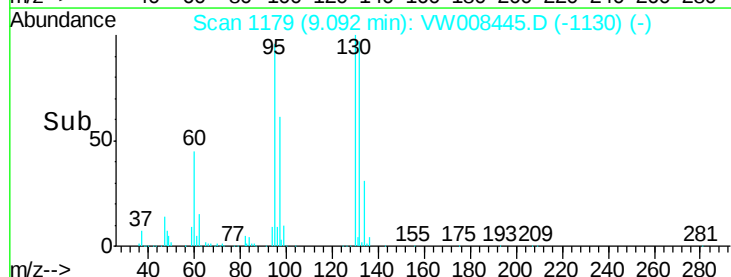
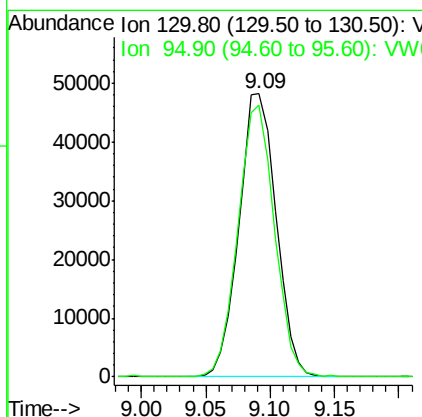
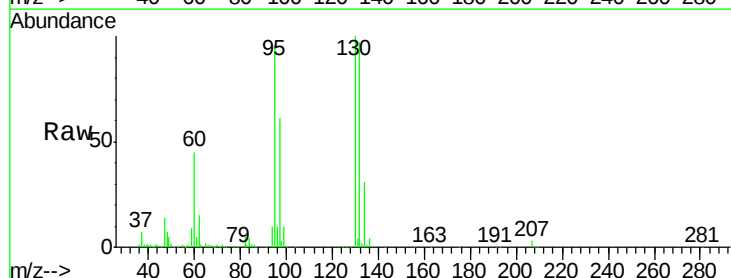
RT: 9.09 min Scan# 1179

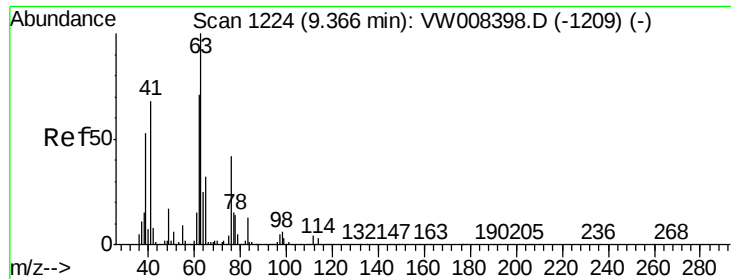
Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion:	130	Resp:	96512
Ion Ratio		Lower	Upper
130	100		
95	96.0	0.0	191.6





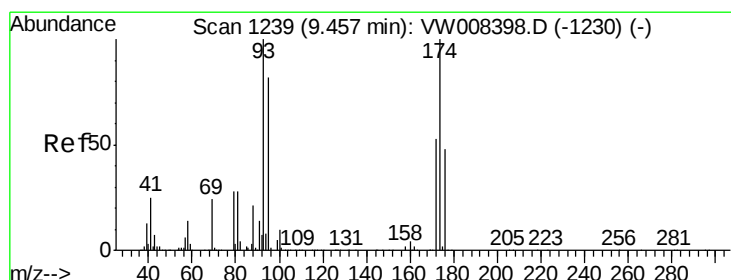
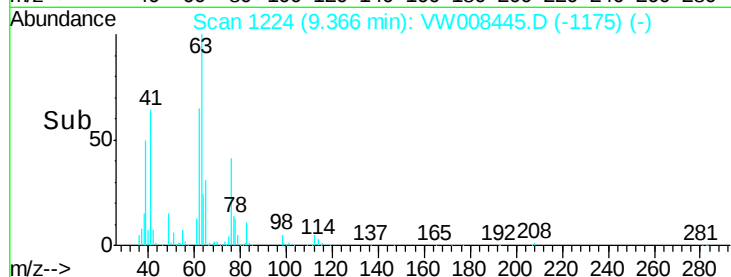
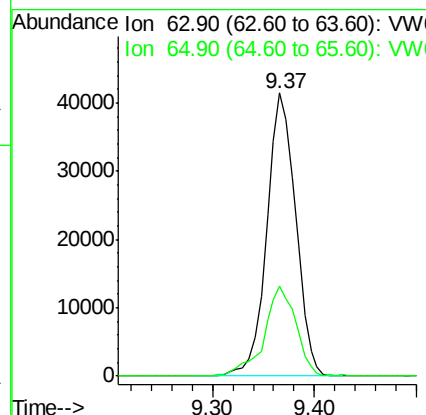
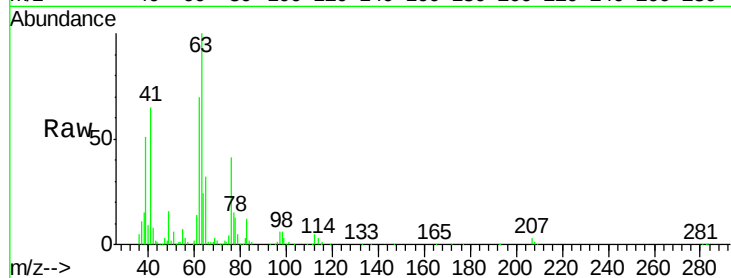
#45
 1,2-Dichloropropane
 Concen: 18.358 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

Tot Ion: 63 Resp: 81624
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.2 37.8

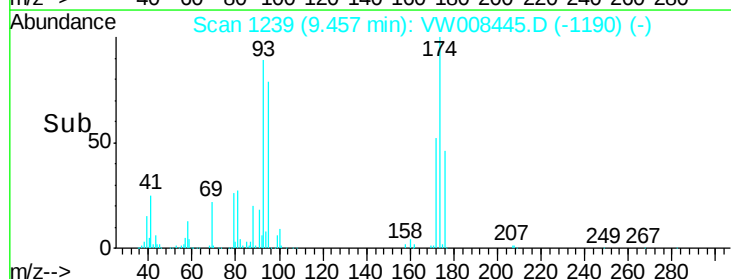
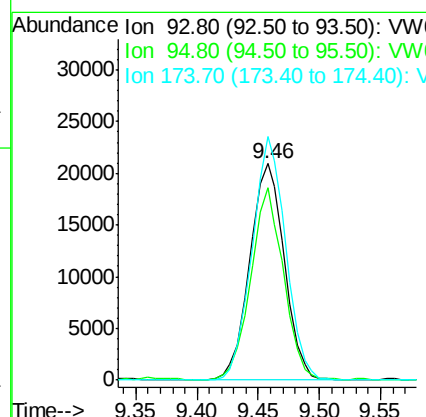
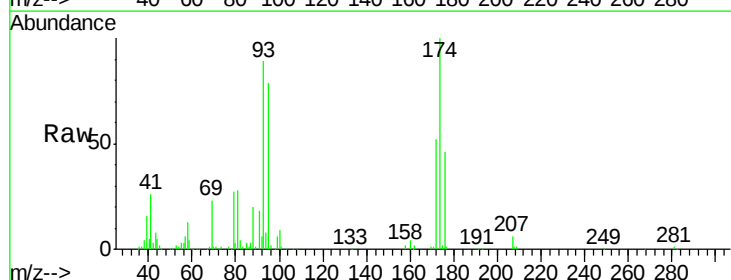
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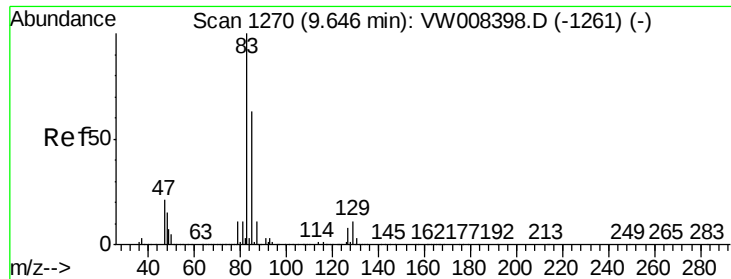
MMDadoda
 1/30/2019 9:39:45 AM



#46
 Dibromomethane
 Concen: 18.036 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion: 93 Resp: 41245
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.9 98.9
 174 109.5 81.0 121.6





#47

Bromodichloromethane

Concen: 18.224 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

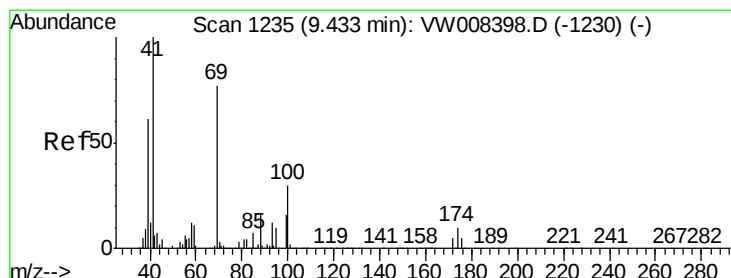
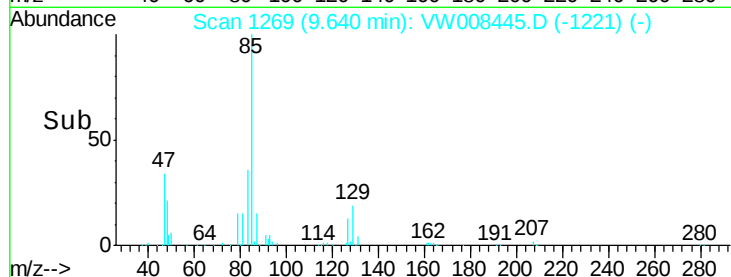
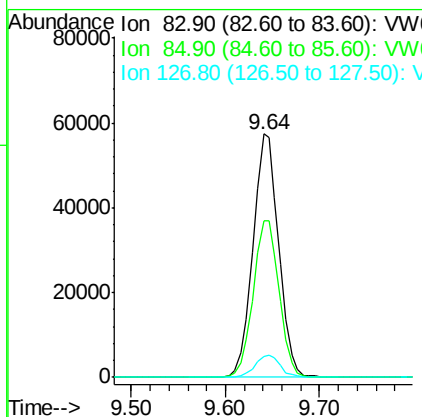
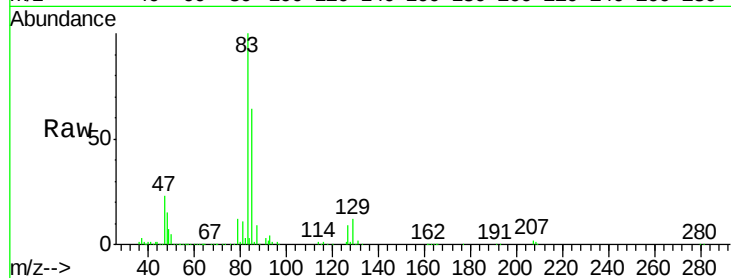
ClientSampleId :

VW0129SBSD01

Tot Ion:	83	Resp:	110231
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.8	76.2
127	8.7	6.8	10.2

Manual Integrations
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MMDadoda
1/30/2019 9:39:45 AM



#48

Methyl methacrylate

Concen: 16.329 ug/l

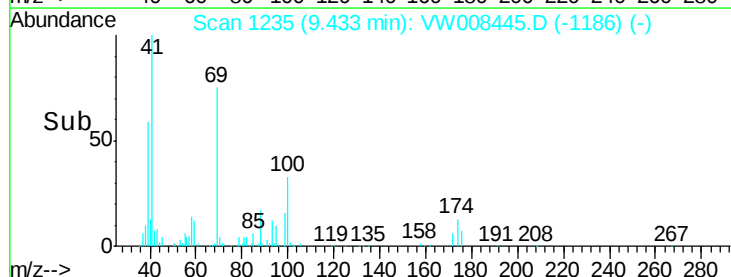
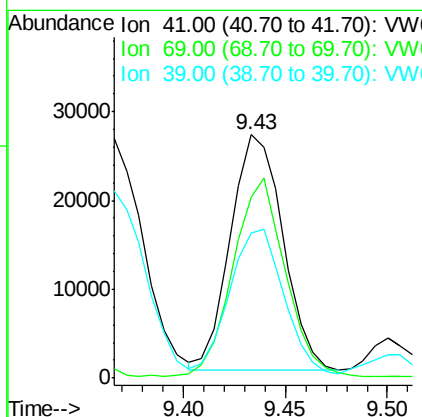
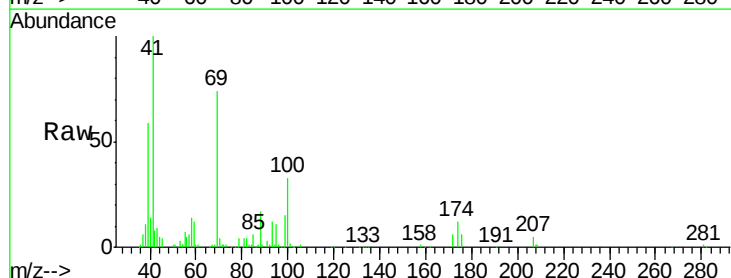
RT: 9.43 min Scan# 1235

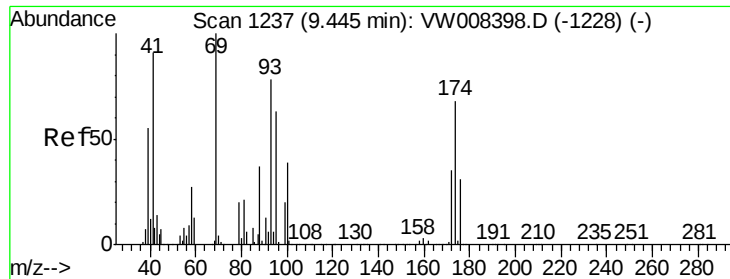
Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion:	41	Resp:	47162
Ion Ratio	Lower	Upper	
41	100		
69	84.5	64.8	97.2
39	63.0	49.1	73.7





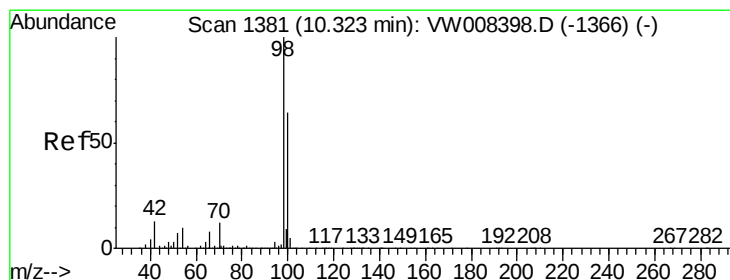
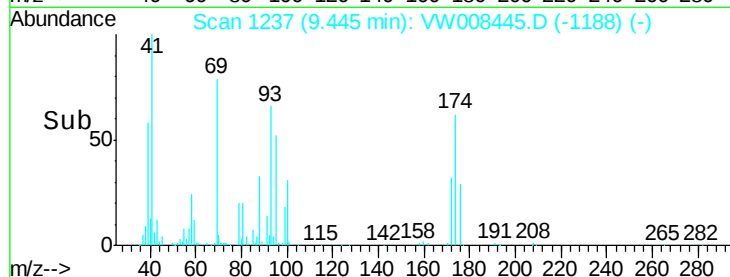
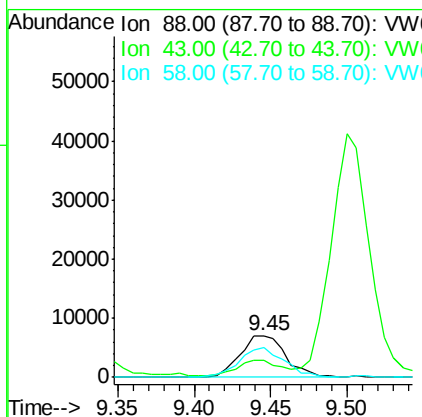
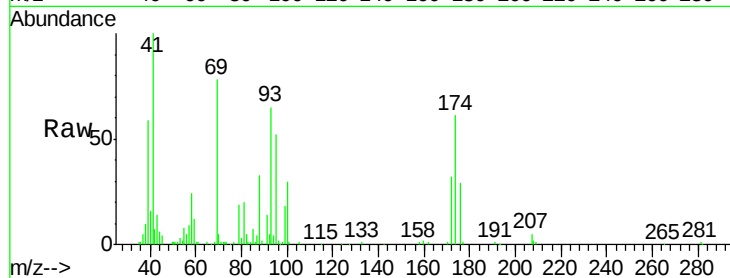
#49
1,4-Dioxane
Concen: 380.056 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	29.0	43.4
58	70.3	56.4	84.6

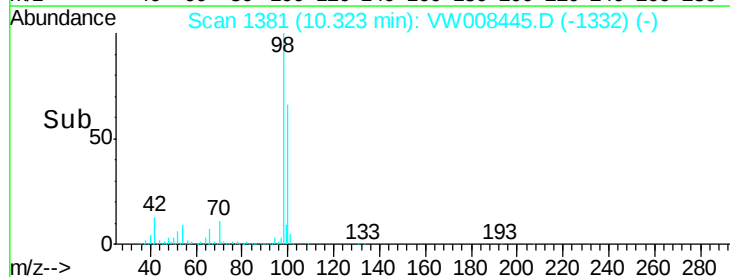
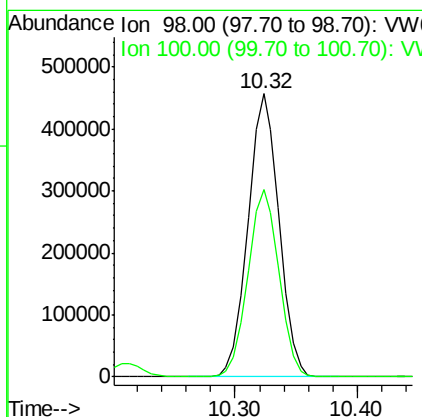
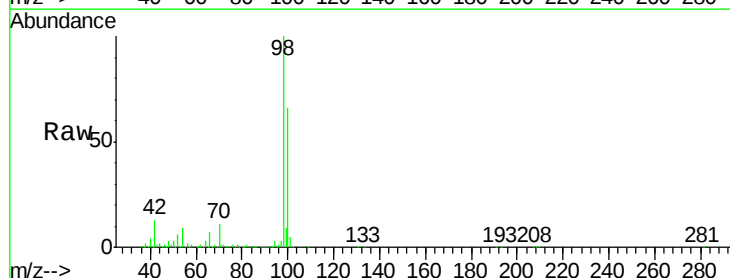
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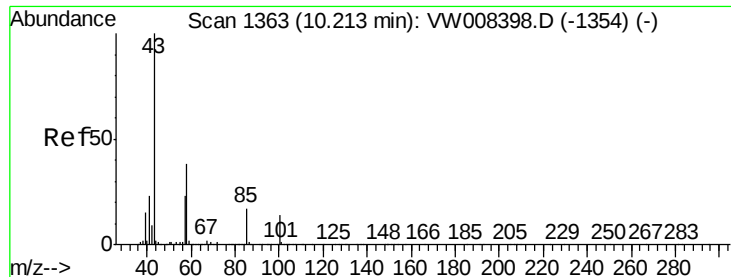
MMDadoda
1/30/2019 9:39:45 AM



#50
Toluene-d8
Concen: 50.322 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 84.161 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 43 Resp: 245591

Ion Ratio Lower Upper

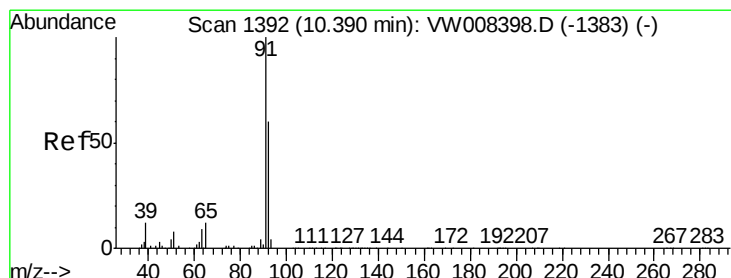
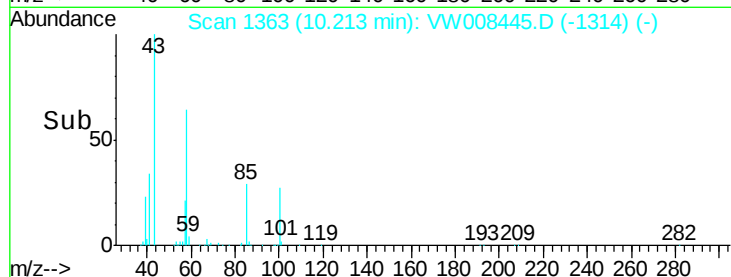
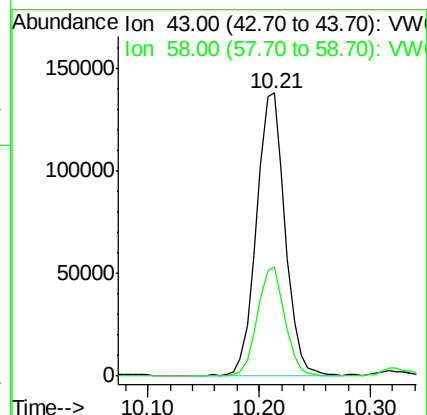
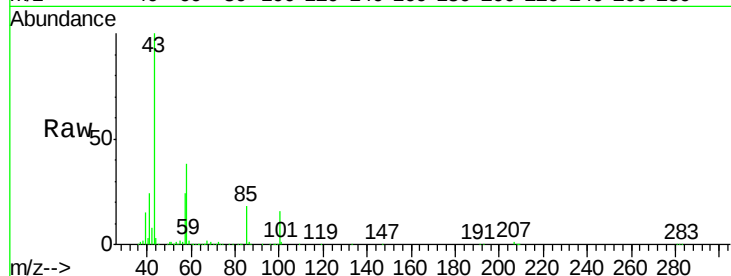
43 100

58 37.5 29.7 44.5

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#52

Toluene

Concen: 18.565 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008445.D

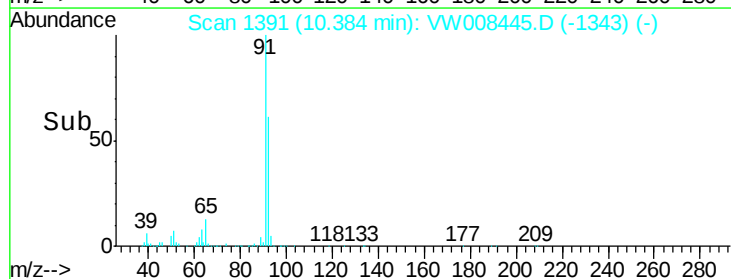
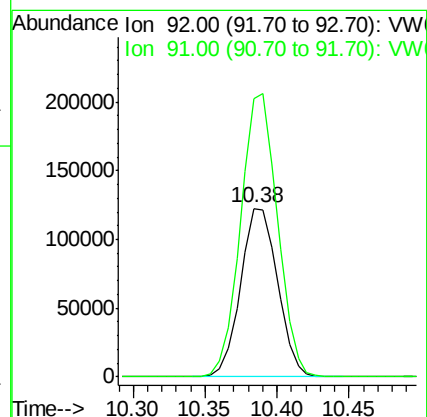
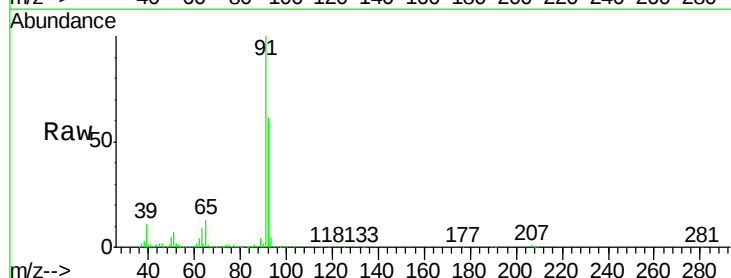
Acq: 29 Jan 2019 12:08

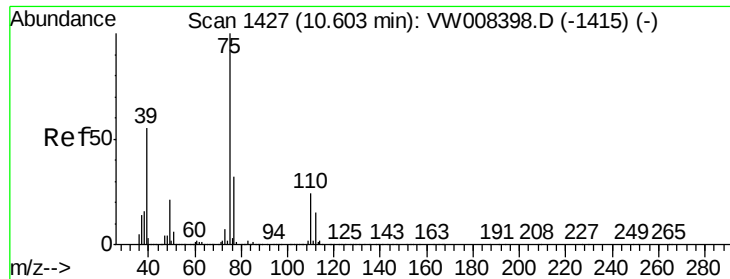
Tgt Ion: 92 Resp: 218538

Ion Ratio Lower Upper

92 100

91 167.4 135.5 203.3





#53

t-1,3-Dichloropropene

Concen: 17.859 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBSD01

Tot Ion: 75 Resp: 114947

Ion Ratio Lower Upper

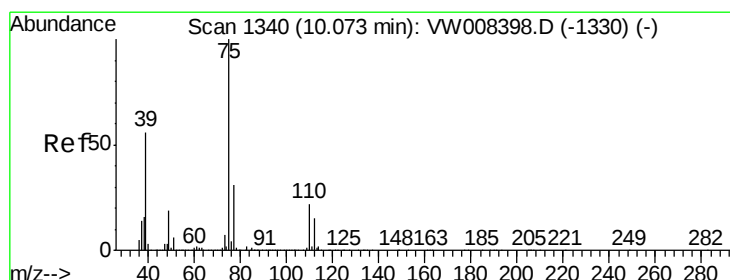
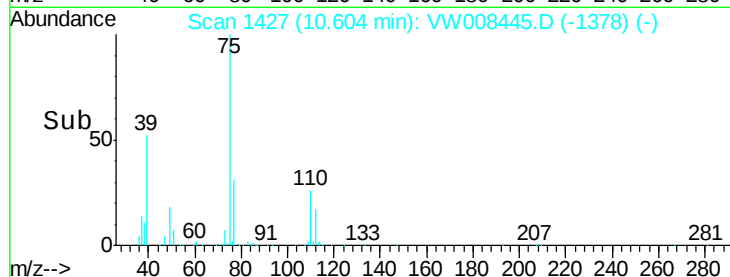
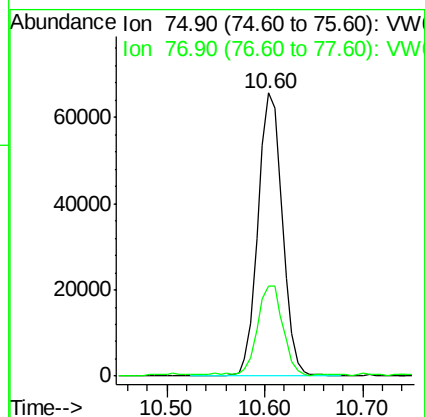
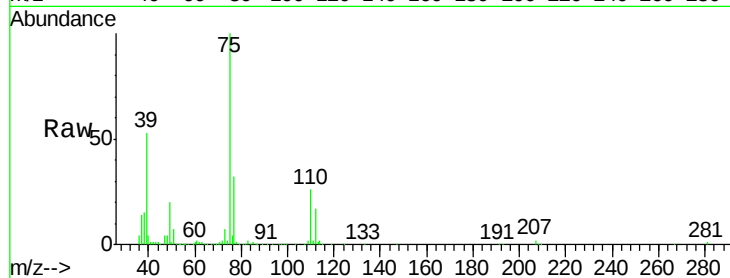
75 100

77 31.2 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 18.412 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

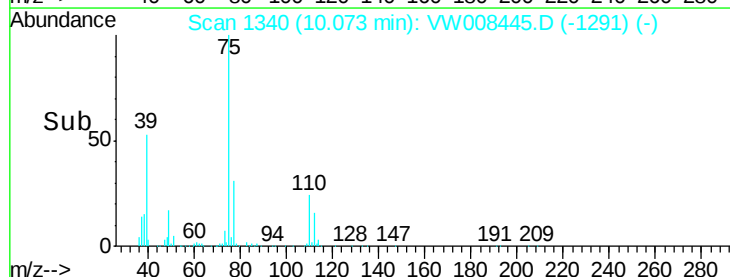
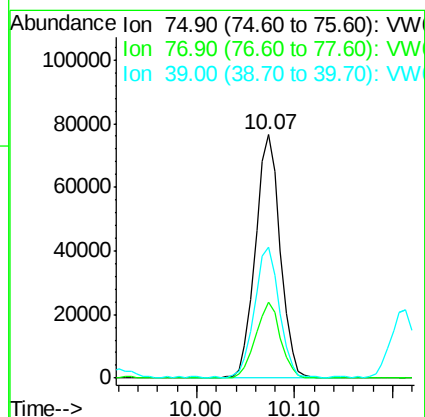
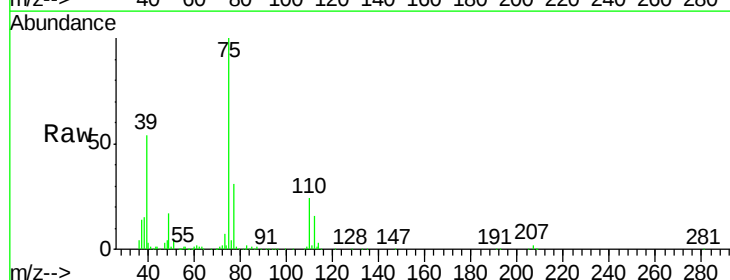
Tgt Ion: 75 Resp: 134487

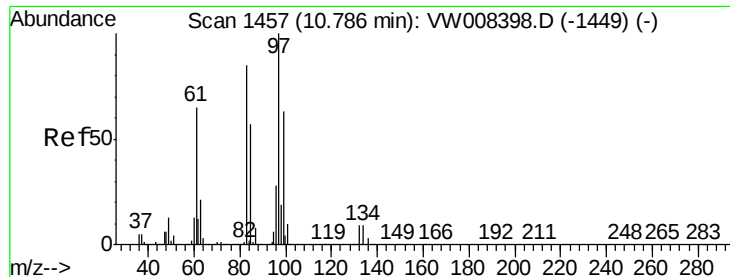
Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 53.4 44.9 67.3





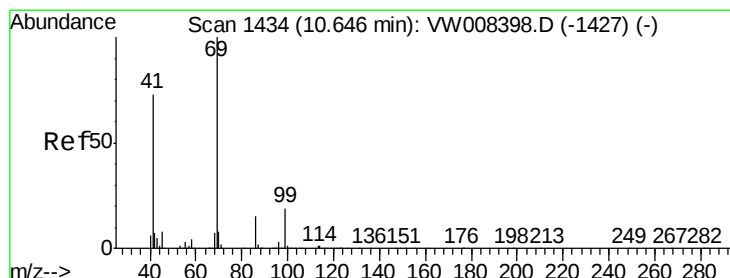
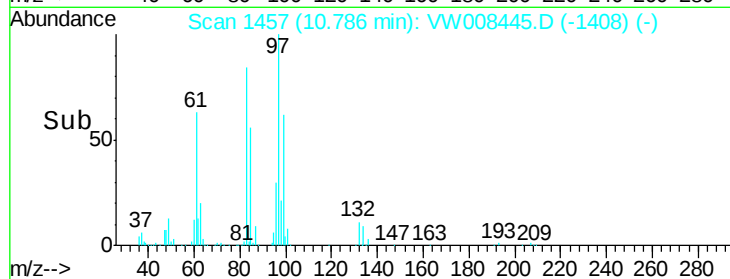
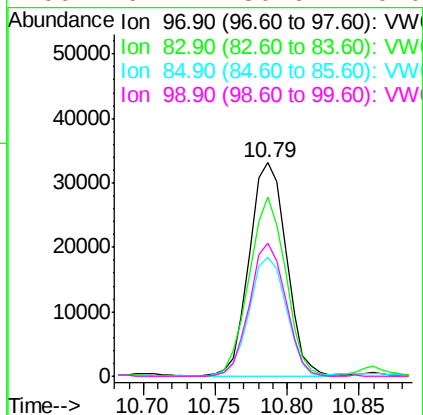
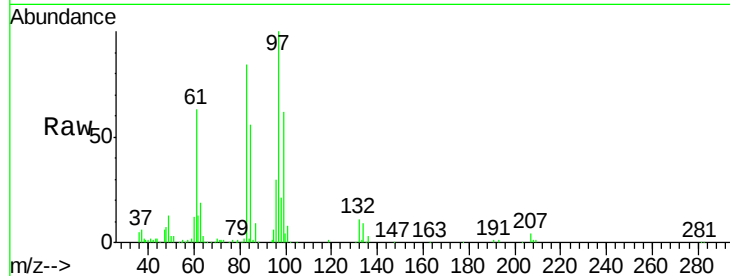
#55
 1,1,2-Trichloroethane
 Concen: 18.633 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion:	97	Resp:	59104
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.4	102.6
85	55.7	45.3	67.9
99	62.1	50.6	76.0

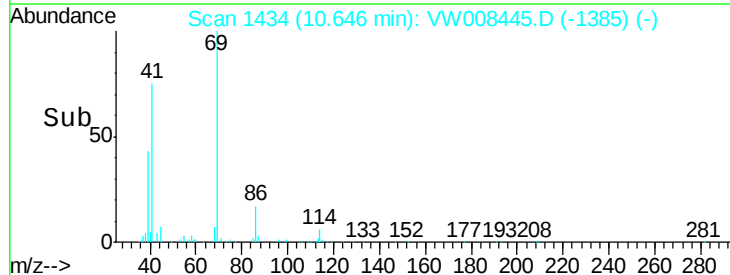
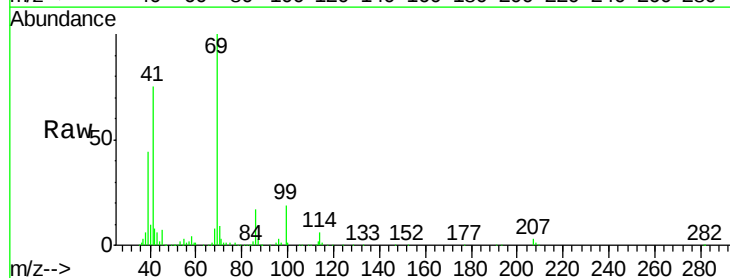
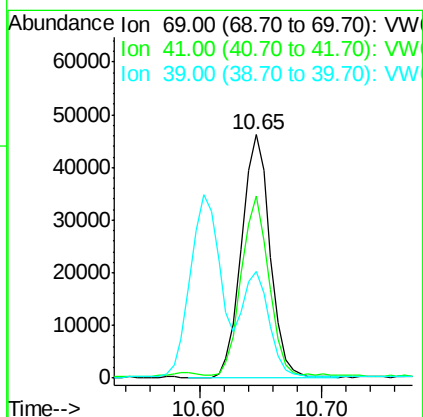
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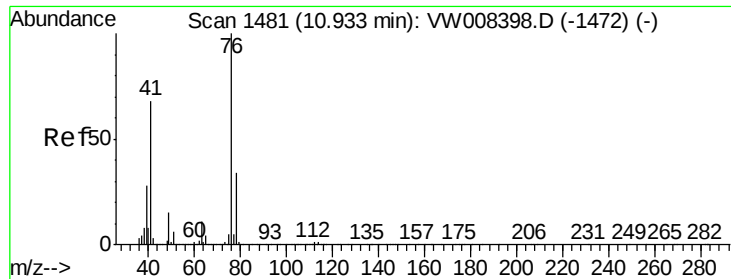
MMDadoda
 1/30/2019 9:39:45 AM



#56
 Ethyl methacrylate
 Concen: 16.765 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion:	69	Resp:	74513
Ion	Ratio	Lower	Upper
69	100		
41	71.7	58.7	88.1
39	40.7	32.6	48.8





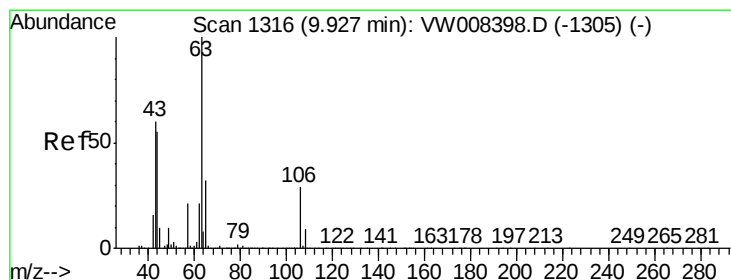
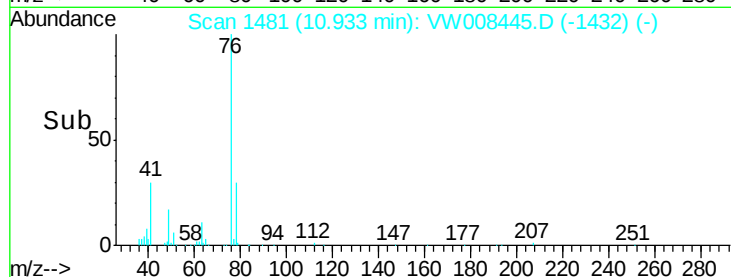
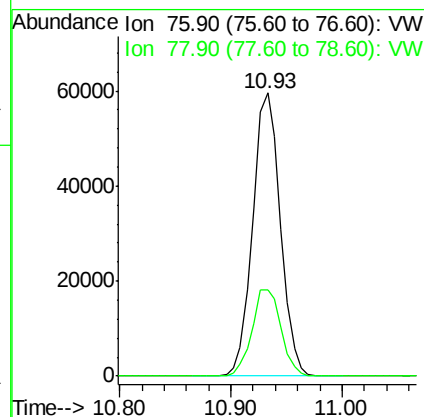
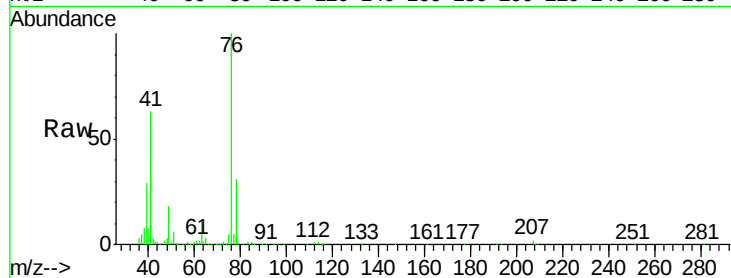
#57
 1,3-Dichloropropane
 Concen: 18.181 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

Tot Ion: 76 Resp: 103318
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

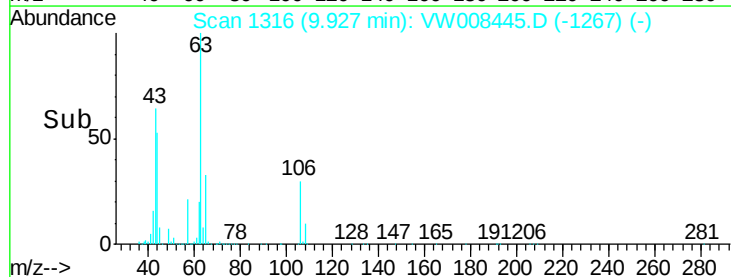
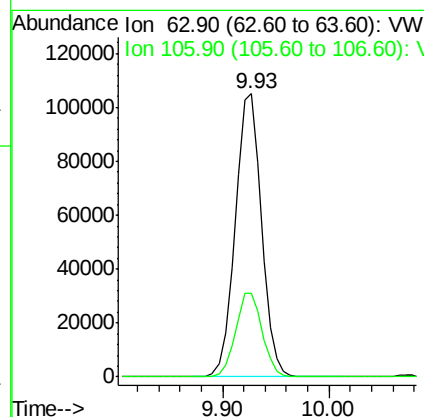
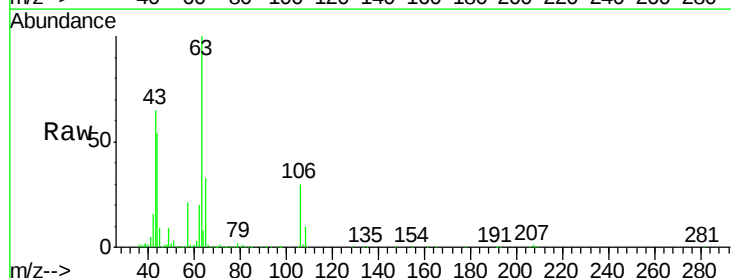
Manual Integrations
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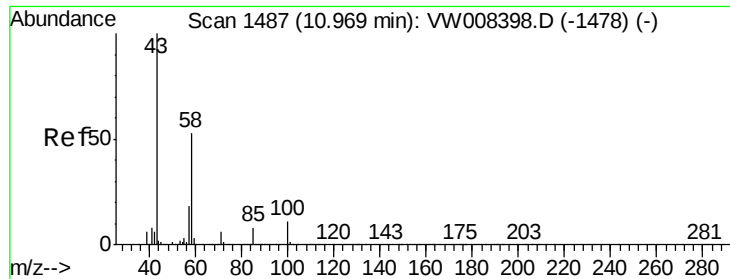
MMDadoda
 1/30/2019 9:39:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.285 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion: 63 Resp: 182016
 Ion Ratio Lower Upper
 63 100
 106 29.9 22.4 33.6





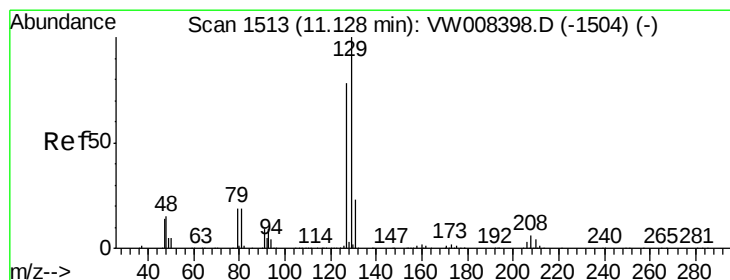
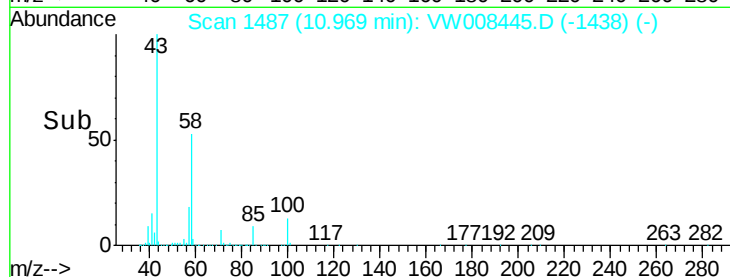
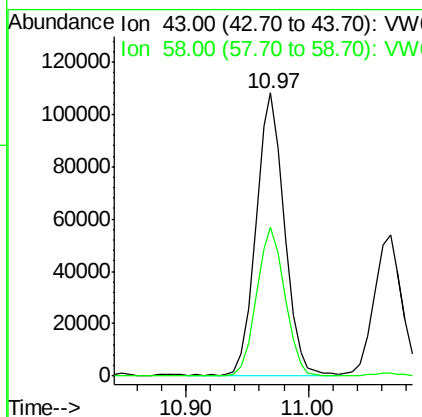
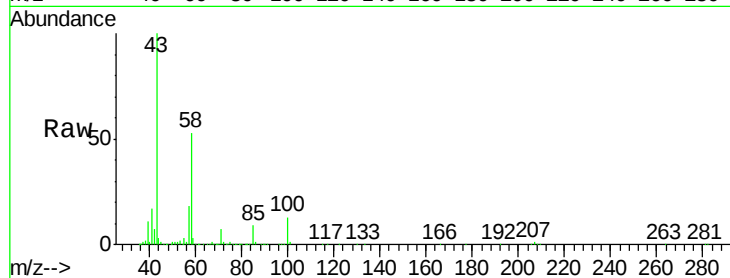
#59
2-Hexanone
Concen: 84.307 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion: 43 Resp: 173679
Ion Ratio Lower Upper
43 100
58 52.9 25.9 77.7

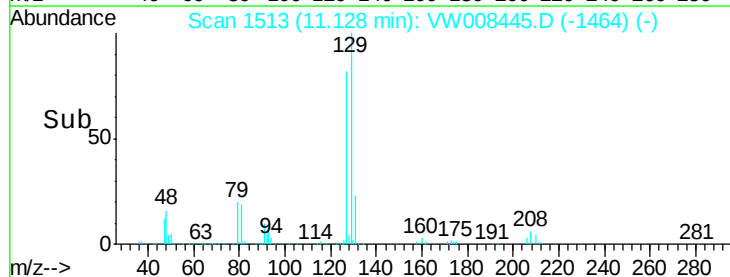
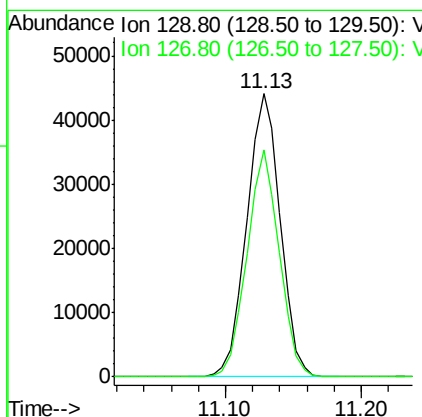
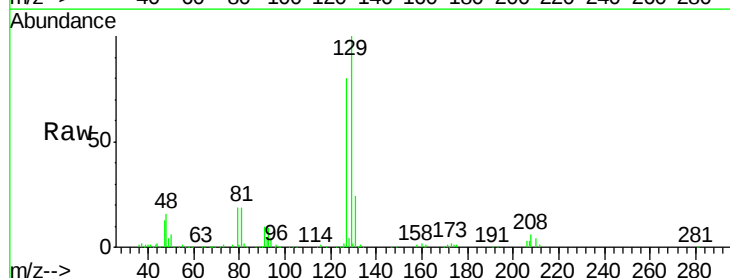
Manual Integrations
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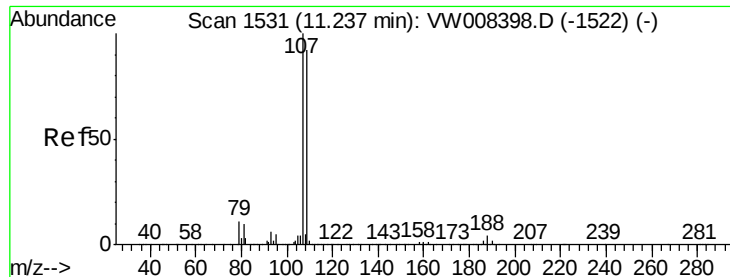
MMDadoda
1/30/2019 9:39:45 AM



#60
Dibromochloromethane
Concen: 18.633 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion: 129 Resp: 75953
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





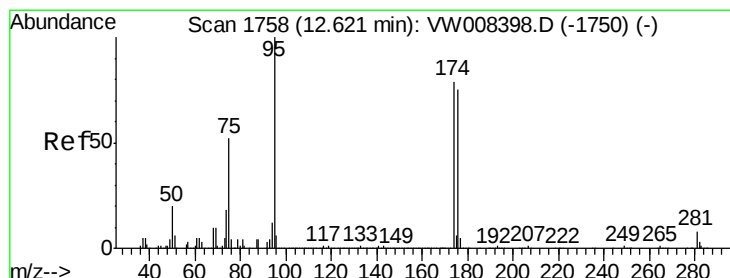
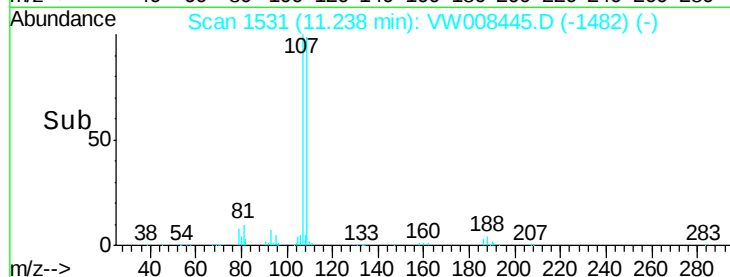
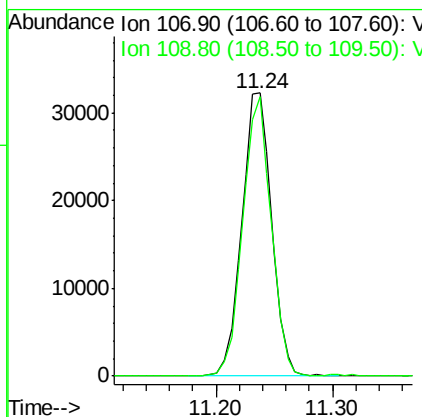
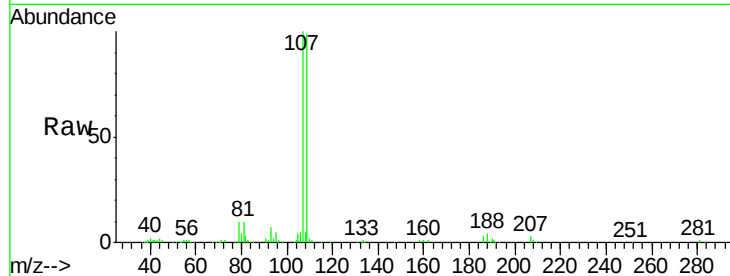
#61
 1,2-Dibromoethane
 Concen: 18.334 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.3	75.0	112.4

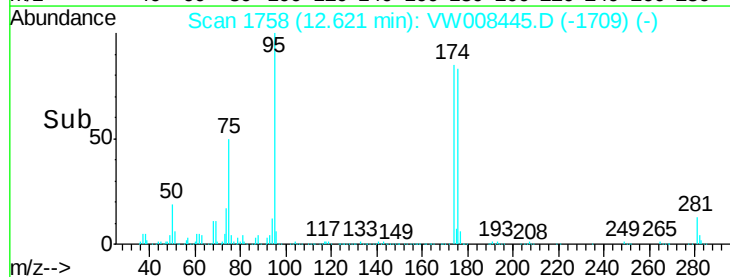
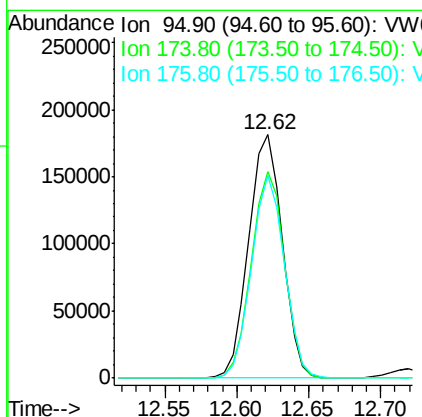
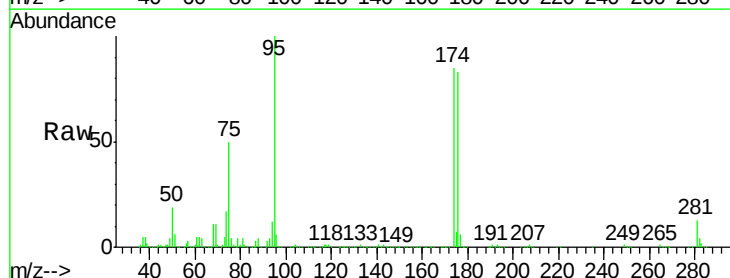
Manual Integrations
 APPROVED

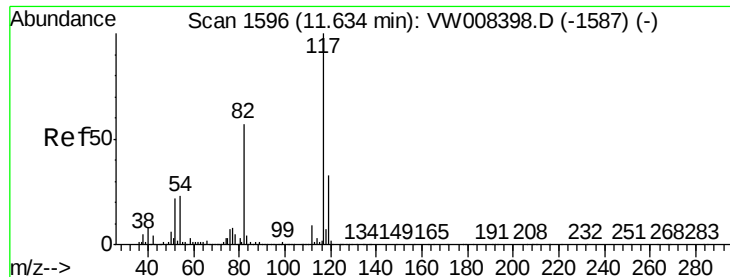
MMDadoda
 1/30/2019 9:39:45 AM



#62
 4-Bromofluorobenzene
 Concen: 47.746 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.0	0.0	157.6
176	81.3	0.0	151.8





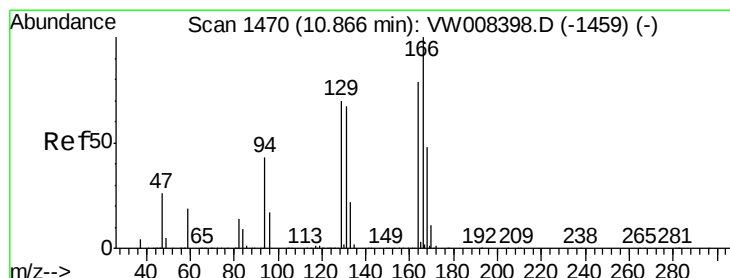
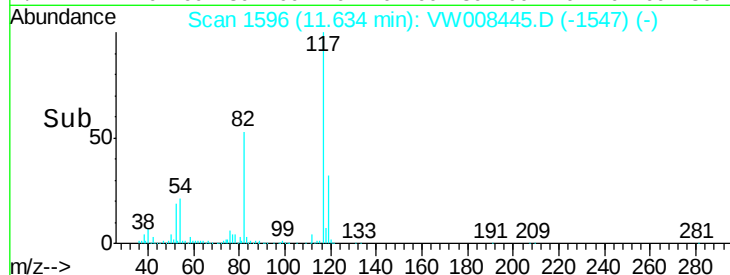
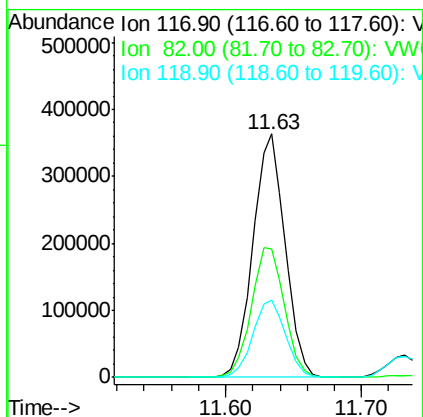
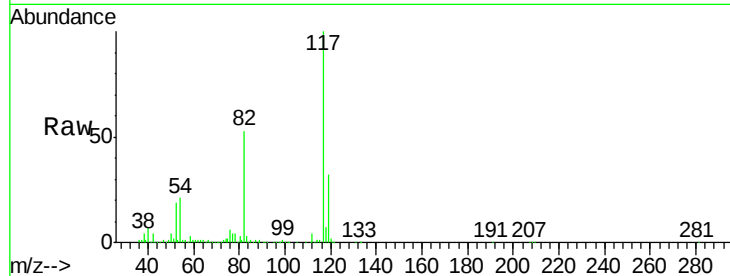
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.7	45.4	68.0
119	32.0	26.2	39.4

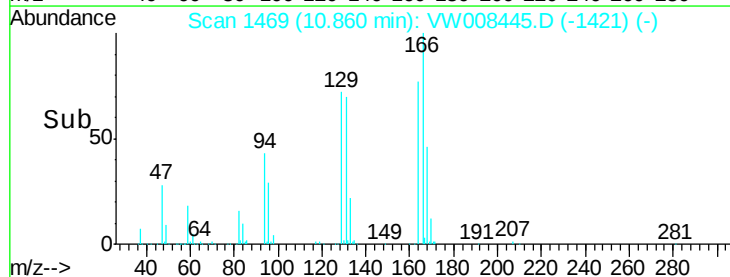
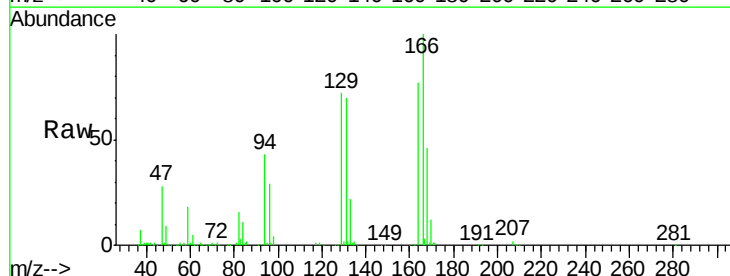
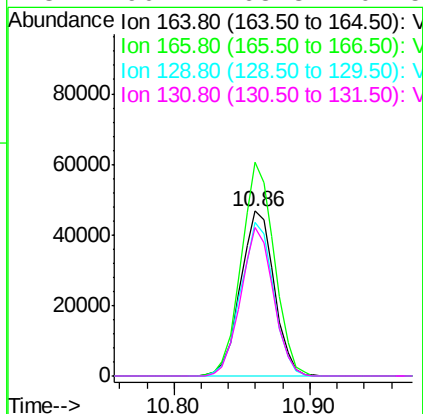
Manual Integrations
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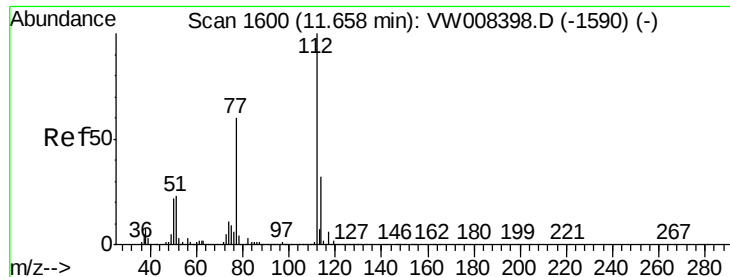
MMDadoda
1/30/2019 9:39:45 AM



#64
Tetrachloroethene
Concen: 19.797 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	129.6	101.4	152.0
129	93.3	71.0	106.6
131	90.1	68.3	102.5





#65

Chlorobenzene

Concen: 19.367 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion:112 Resp: 237691

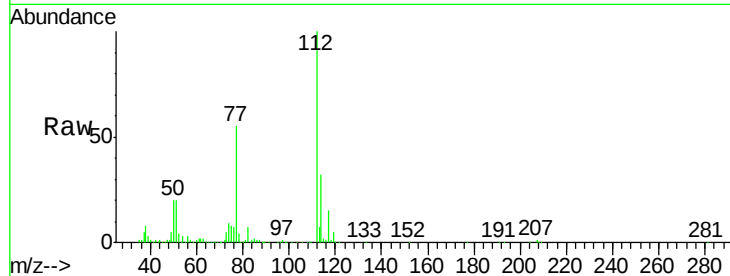
Ion Ratio Lower Upper

112 100

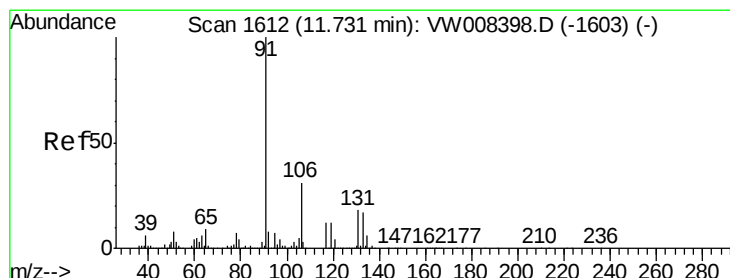
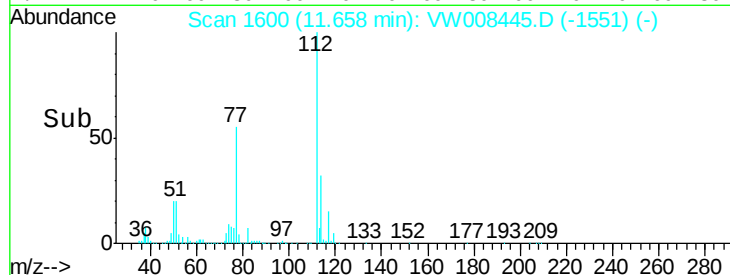
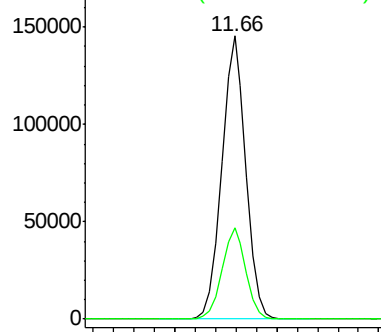
114 32.2 25.4 38.2

Manual Integrations
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1/30/2019 9:39:45 AM



Abundance Ion 111.90 (111.60 to 112.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.239 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

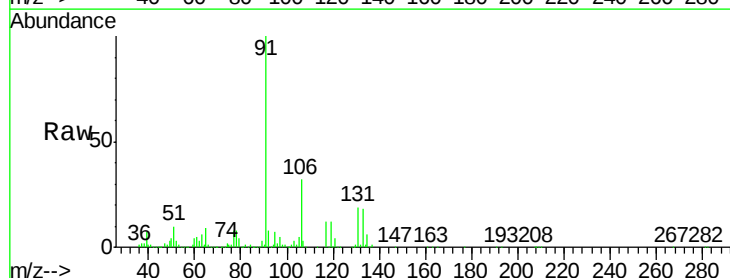
Tgt Ion:131 Resp: 84478

Ion Ratio Lower Upper

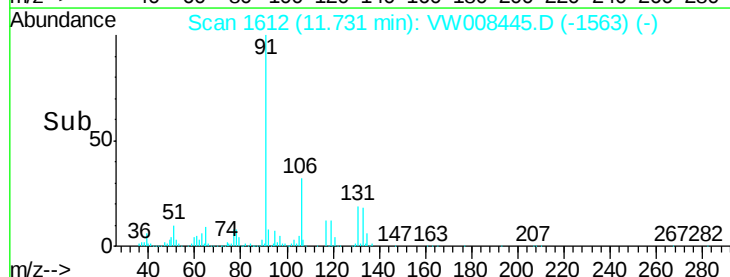
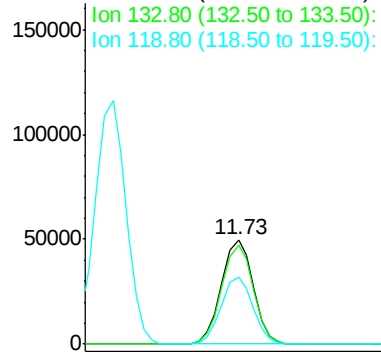
131 100

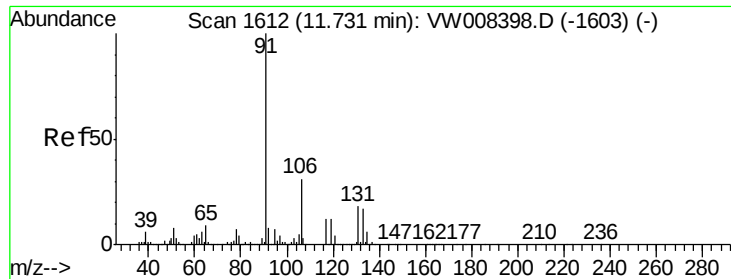
133 94.3 47.0 141.2

119 64.7 32.1 96.3



Abundance Ion 130.80 (130.50 to 131.50): V





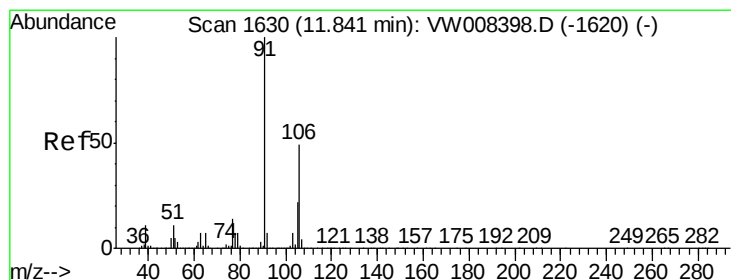
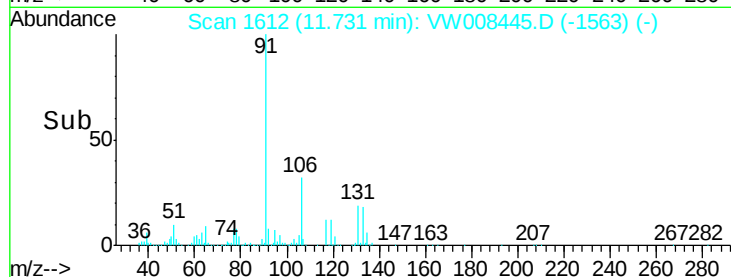
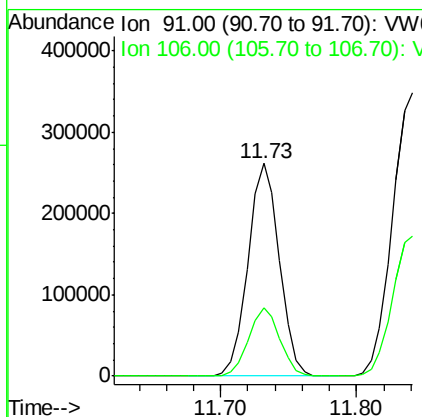
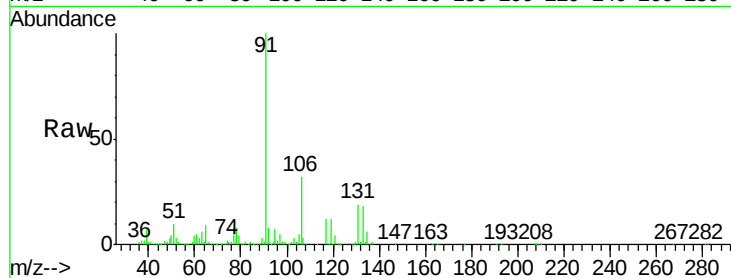
#67
Ethyl Benzene
Concen: 18.660 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion: 91 Resp: 420969
Ion Ratio Lower Upper
91 100
106 32.2 24.7 37.1

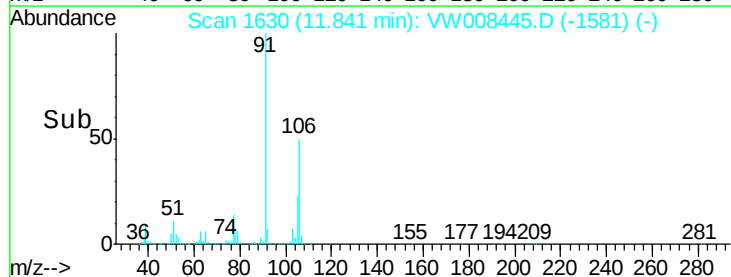
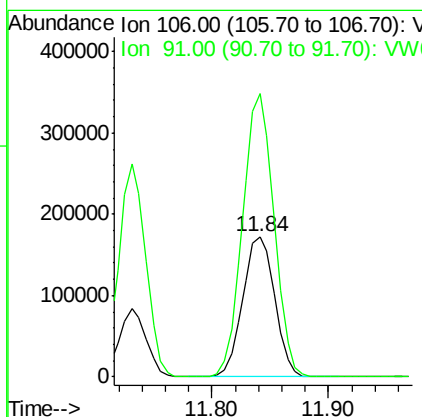
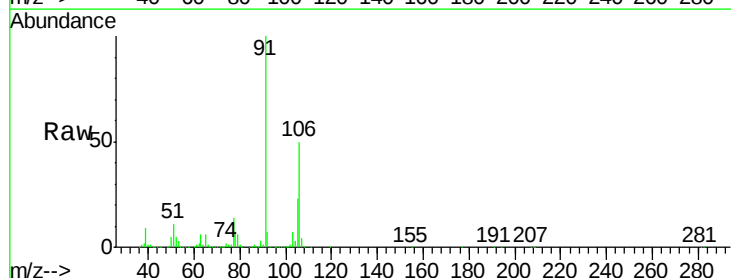
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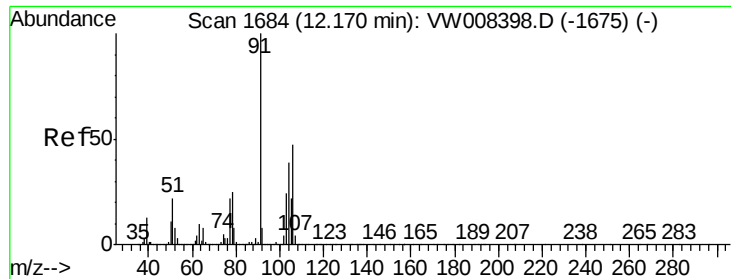
MMDadoda
1/30/2019 9:39:45 AM



#68
m/p-Xylenes
Concen: 37.851 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion: 106 Resp: 331306
Ion Ratio Lower Upper
106 100
91 197.8 162.9 244.3





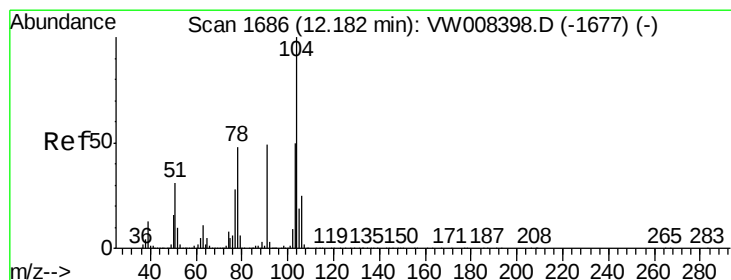
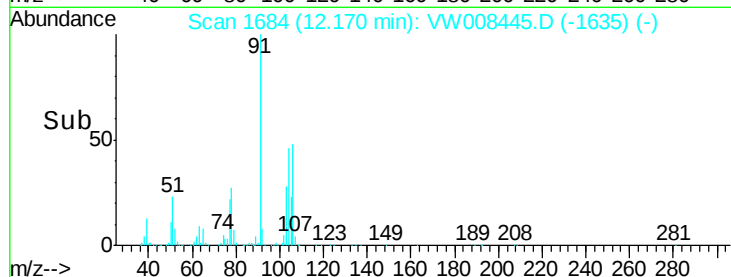
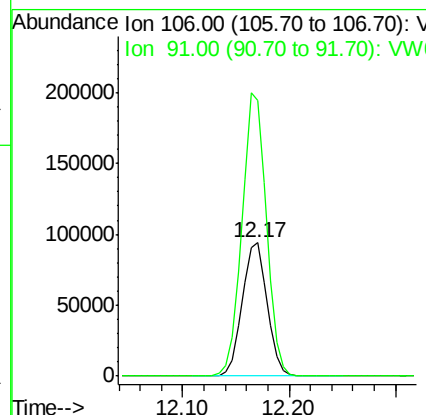
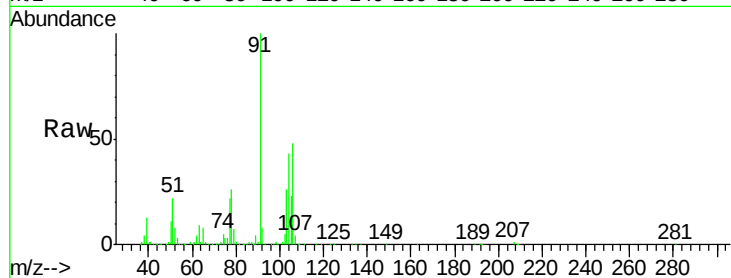
#69
o-Xylene
Concen: 18.622 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	207.4	107.5	322.4

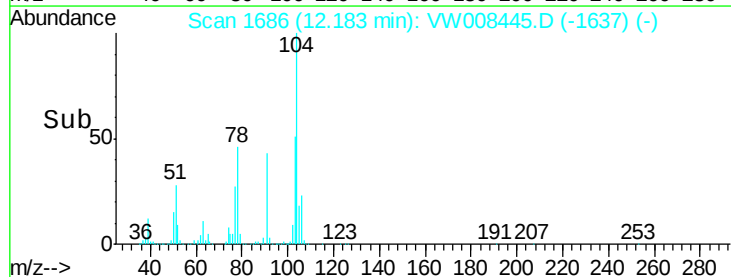
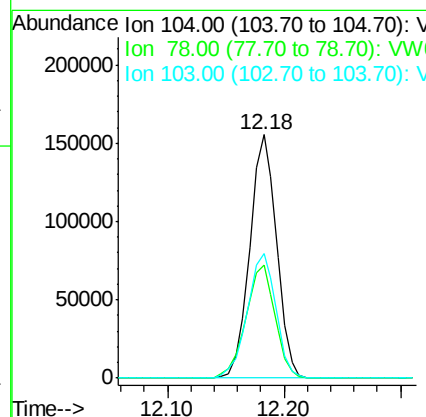
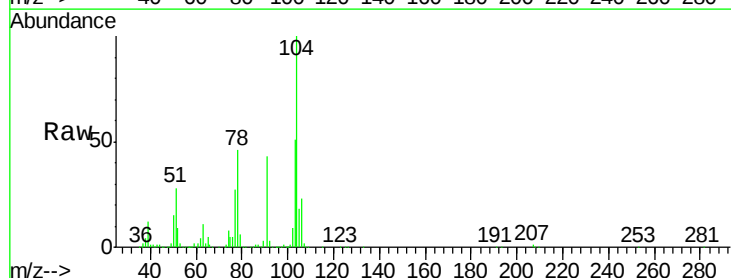
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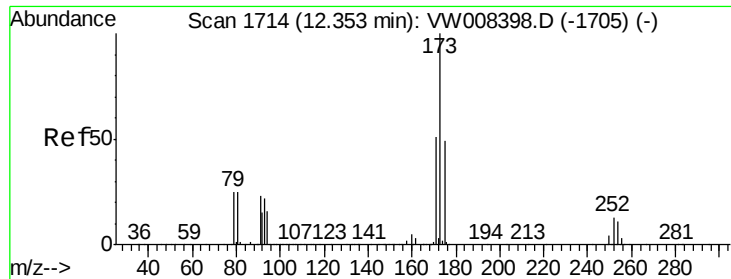
MMDadoda
1/30/2019 9:39:45 AM



#70
Styrene
Concen: 18.194 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.7	42.4	63.6
103	55.0	43.4	65.0





#71

Bromoform

Concen: 18.346 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

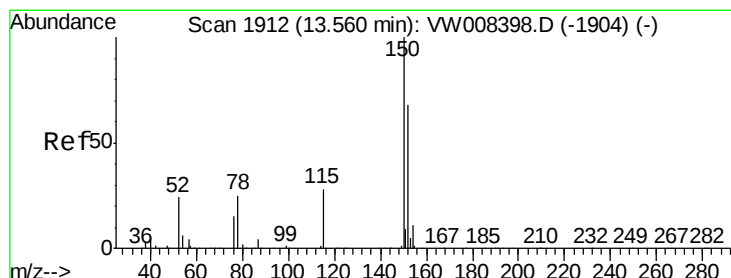
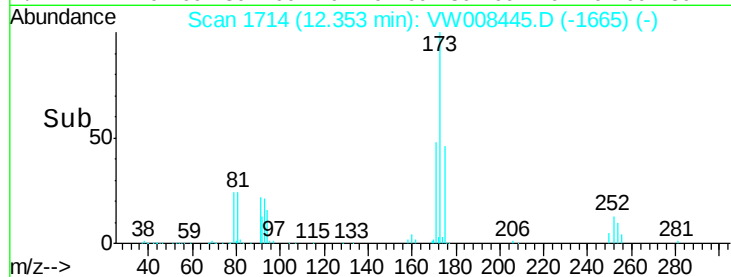
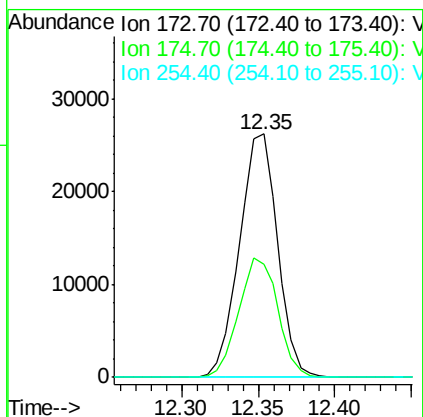
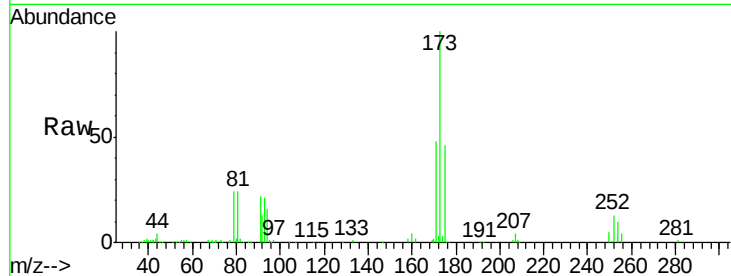
ClientSampled :

VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.4	73.4
254	0.1	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

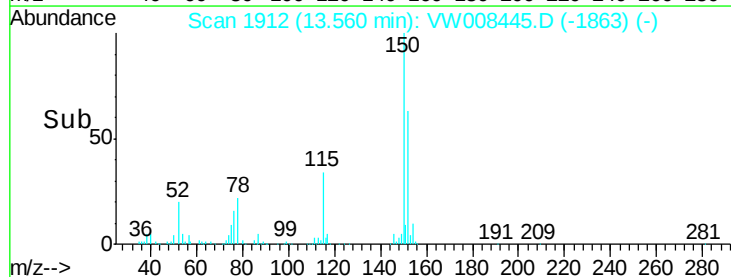
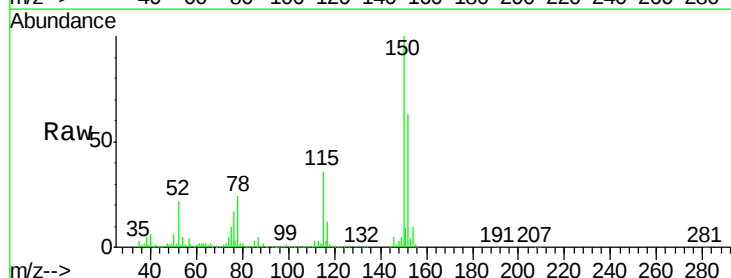
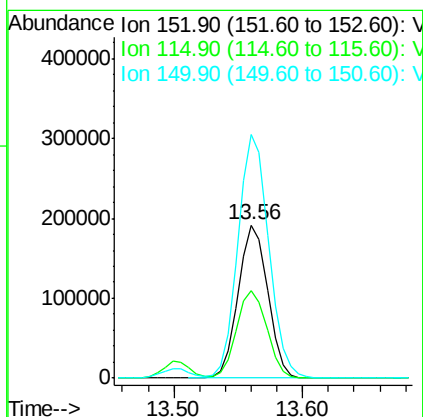
RT: 13.56 min Scan# 1912

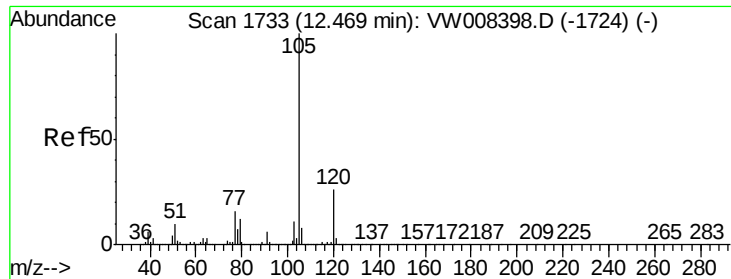
Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.3	29.9	89.7
150	165.7	0.0	351.4





#73

Isopropylbenzene

Concen: 18.775 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

ClientSampleId :

VW0129SBS01

Tot Ion: 105 Resp: 426850

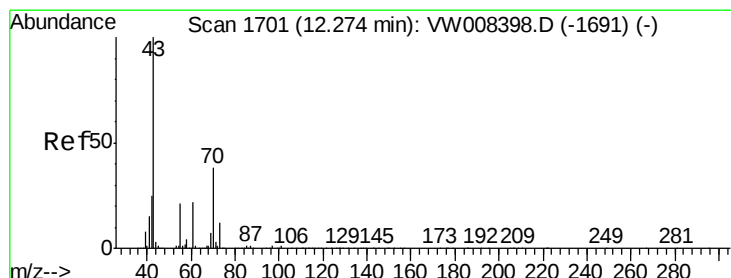
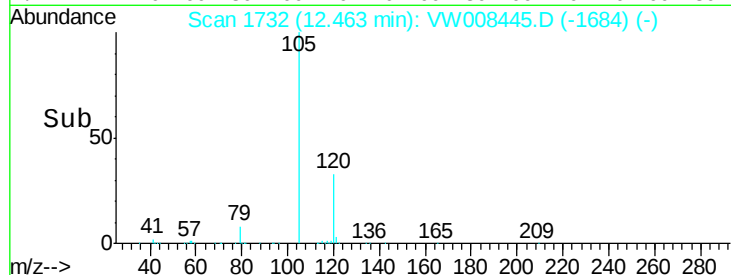
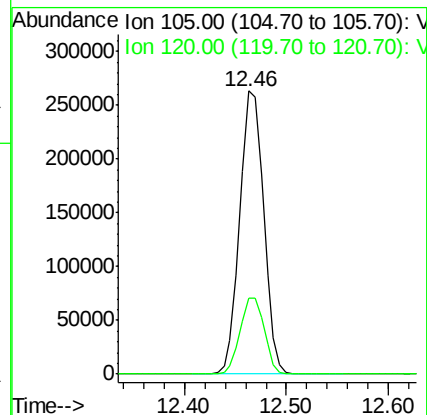
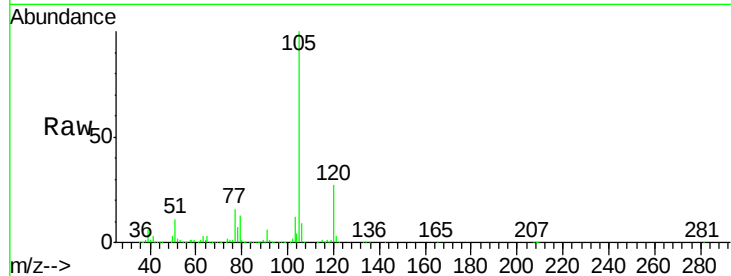
Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.8

Manual Integrations
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1/30/2019 9:39:45 AM



#74

N-ethyl acetate

Concen: 16.728 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion: 43 Resp: 97977

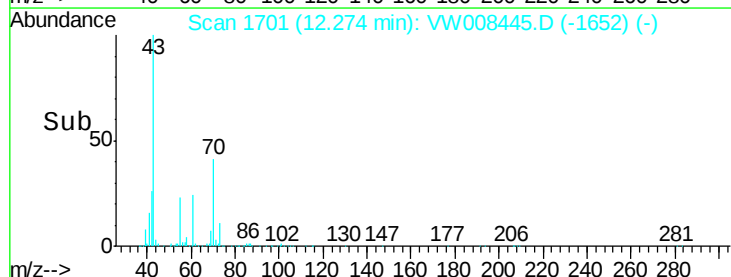
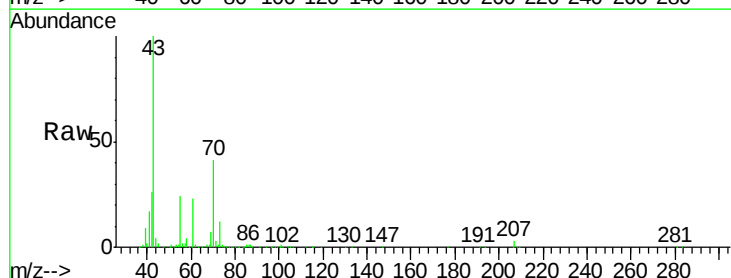
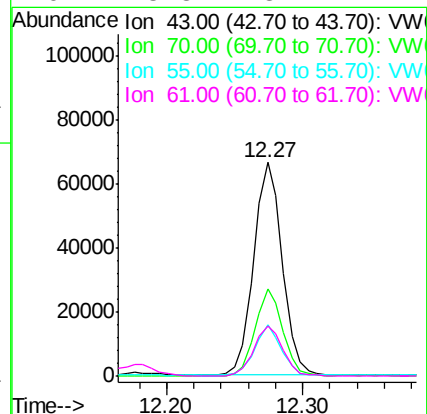
Ion Ratio Lower Upper

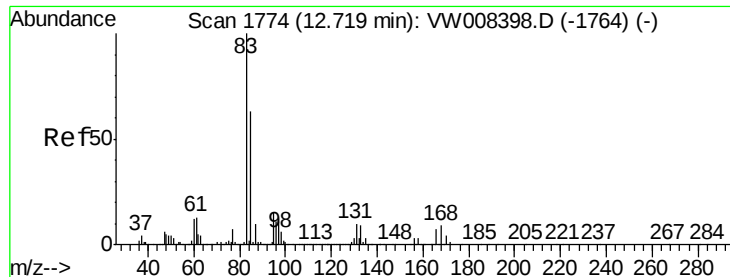
43 100

70 39.8 31.0 46.6

55 22.2 17.4 26.2

61 23.8 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.165 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

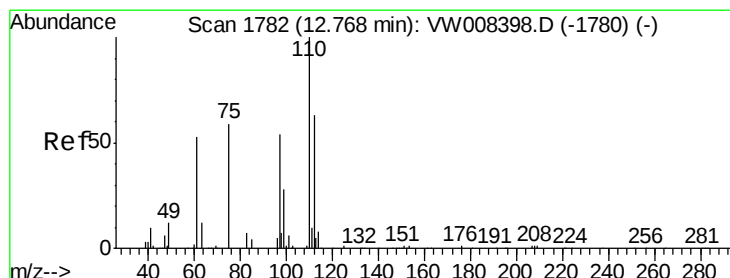
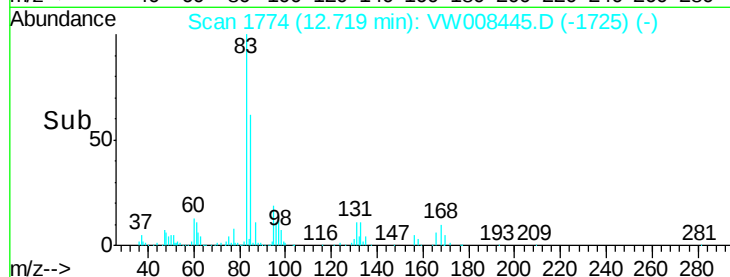
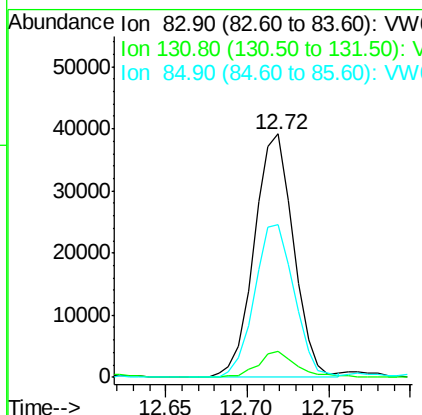
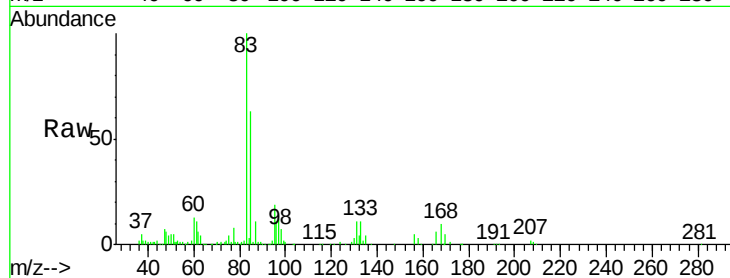
ClientSampleId :

VW0129SBS01

Tot Ion:	83	Resp:	65384
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.4
85	63.6	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.111 ug/l m

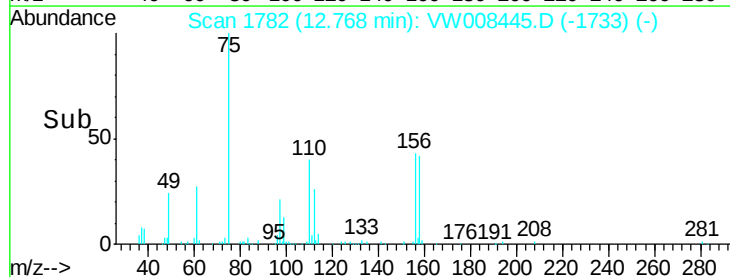
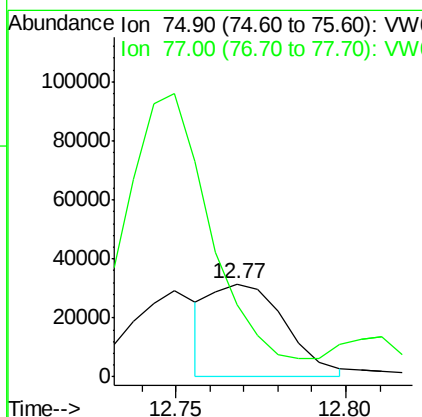
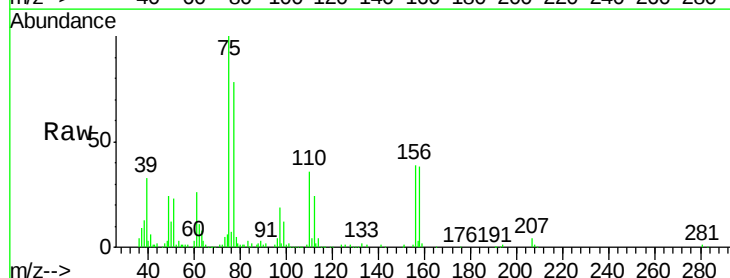
RT: 12.77 min Scan# 1782

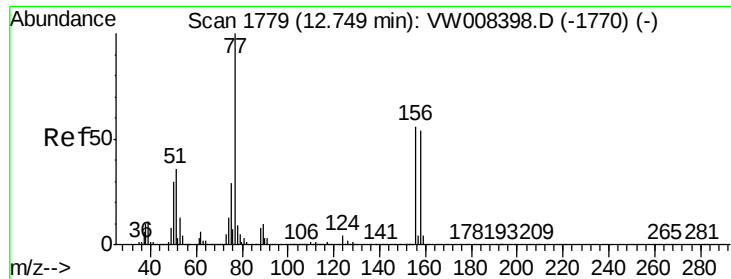
Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion:	75	Resp:	48020
Ion Ratio	Lower	Upper	
75	100		
77	361.7	180.7	542.1





#77

Bromobenzene

Concen: 19.761 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

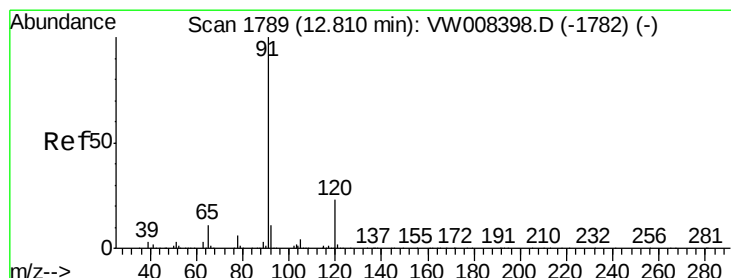
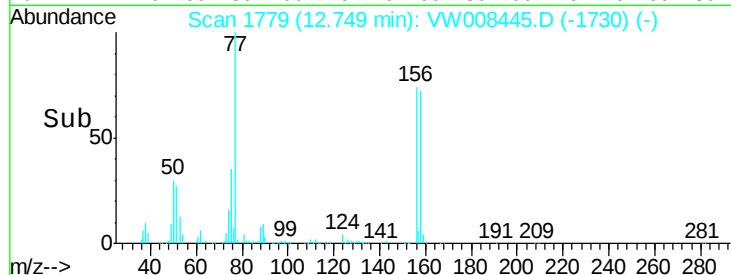
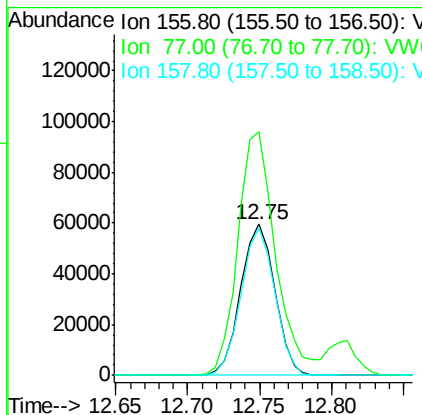
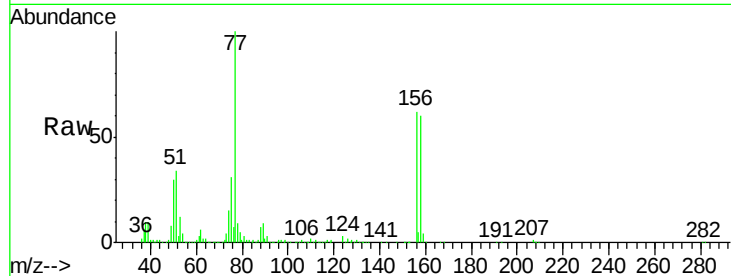
ClientSampleId :

VW0129SBS01

Tot Ion:	156	Resp:	98116
Ion Ratio	Lower	Upper	
156	100		
77	177.0	96.9	290.7
158	96.0	48.8	146.4

Manual Integrations
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1/30/2019 9:39:45 AM



#78

n-propylbenzene

Concen: 18.696 ug/l

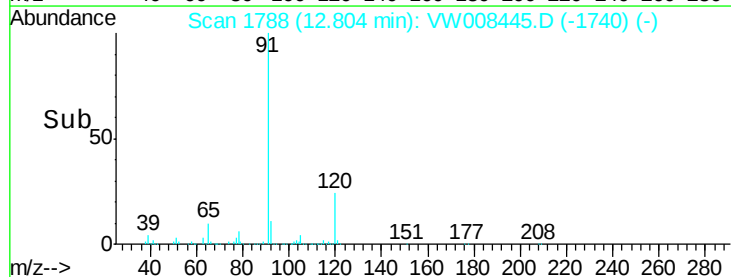
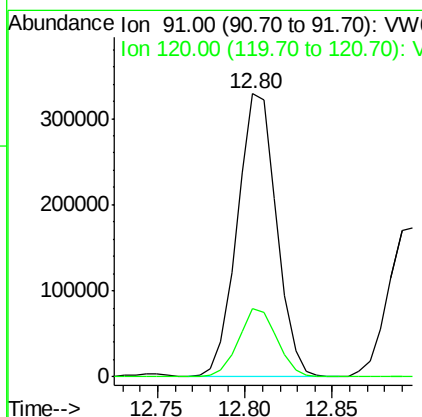
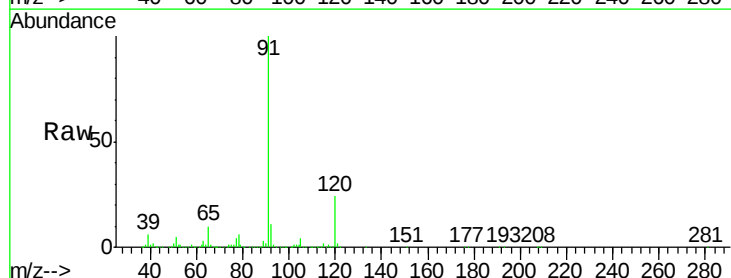
RT: 12.80 min Scan# 1788

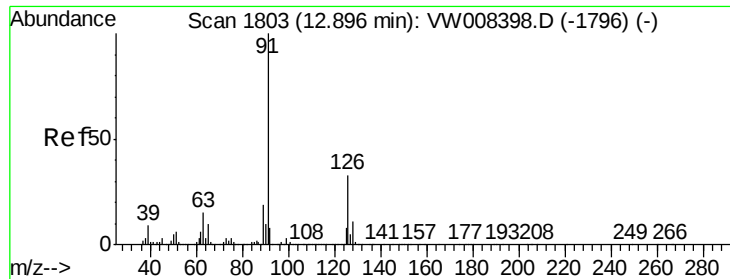
Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion:	91	Resp:	510533
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.4	34.1





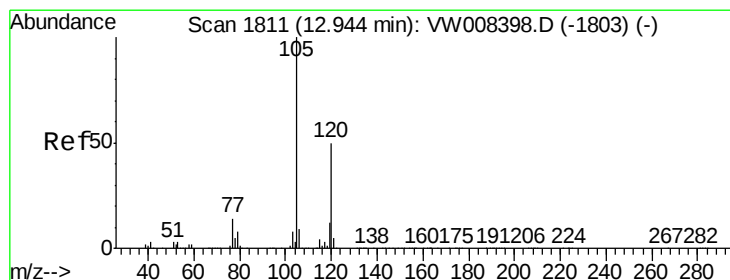
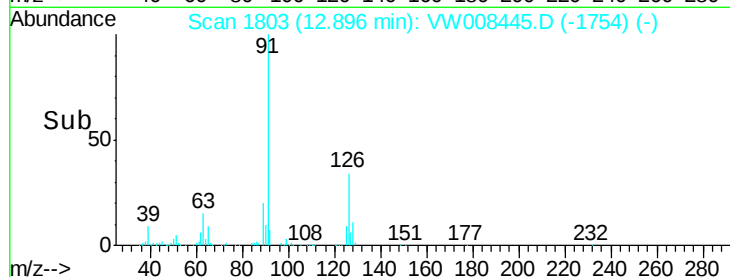
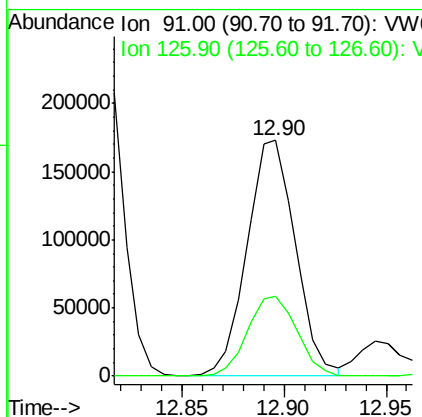
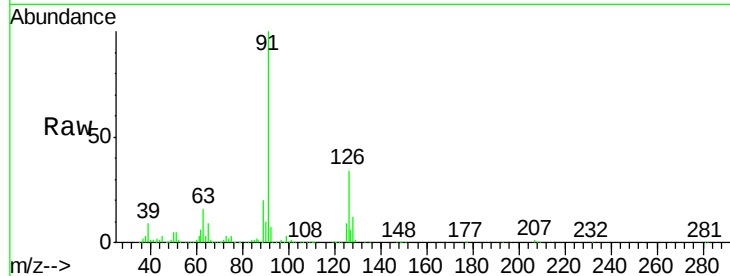
#79
2-Chlorotoluene
Concen: 18.509 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBS01

Tot Ion: 91 Resp: 285204
Ion Ratio Lower Upper
91 100
126 34.7 16.5 49.5

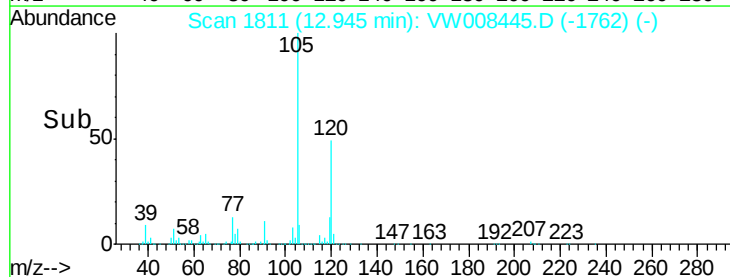
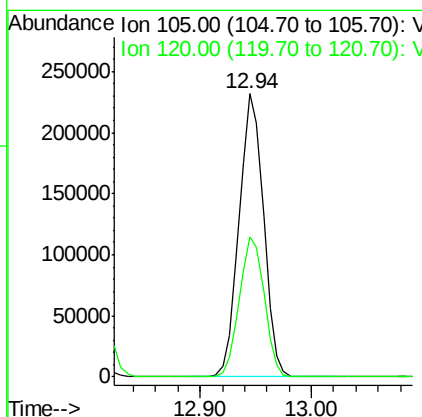
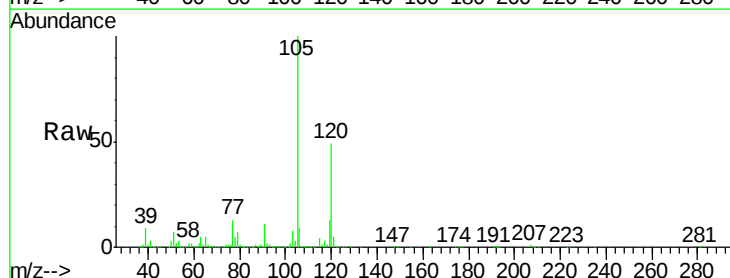
Manual Integrations
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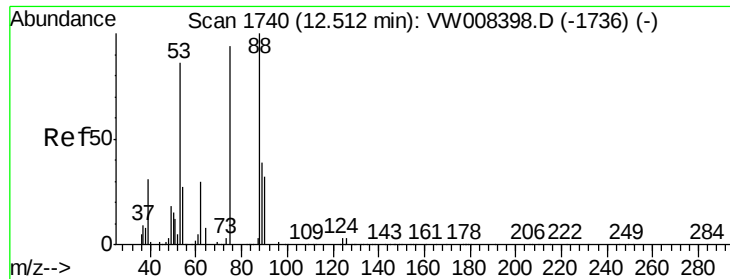
MMDadoda
1/30/2019 9:39:45 AM



#80
1,3,5-Trimethylbenzene
Concen: 18.668 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion: 105 Resp: 354742
Ion Ratio Lower Upper
105 100
120 50.3 24.6 73.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.805 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Instrument :

MSVOA_W

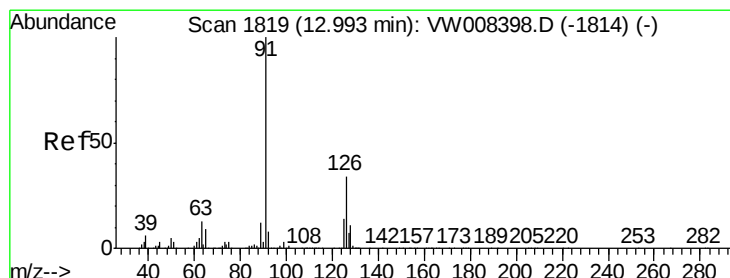
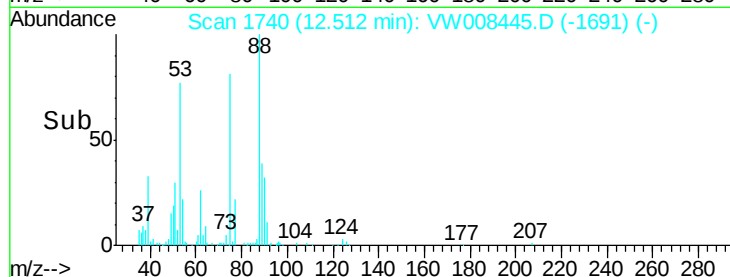
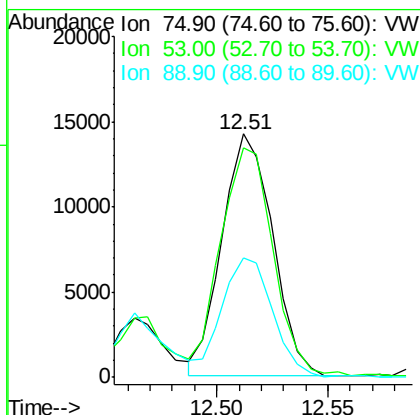
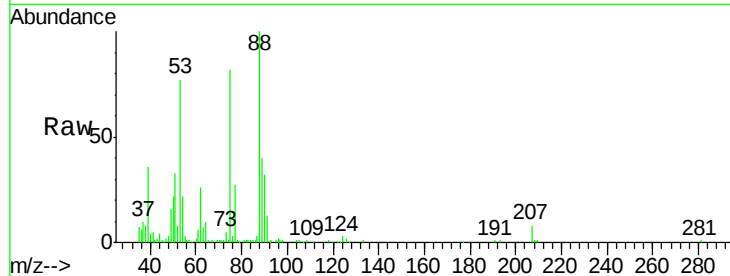
ClientSampleId :

VW0129SBSD01

Tot Ion:	75	Resp:	22560
Ion	Ratio	Lower	Upper
75	100		
53	98.1	76.0	114.0
89	48.7	35.4	53.0

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#82

4-Chlorotoluene

Concen: 18.211 ug/l

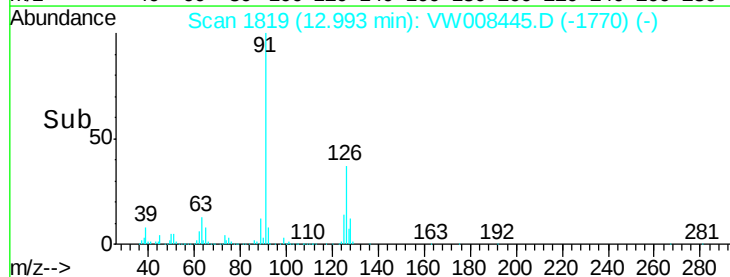
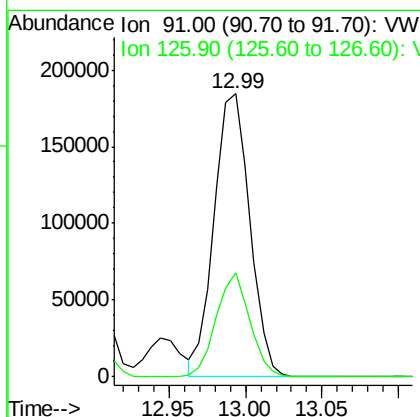
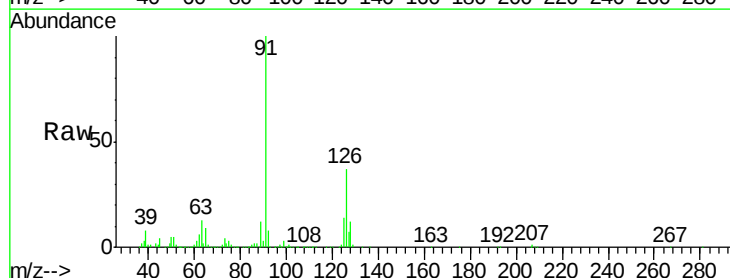
RT: 12.99 min Scan# 1819

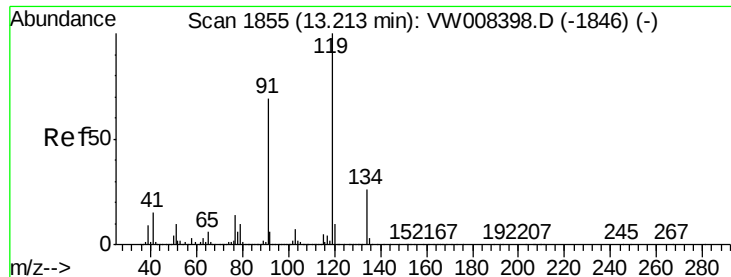
Delta R.T. 0.00 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion:	91	Resp:	298761
Ion	Ratio	Lower	Upper
91	100		
126	34.8	16.4	49.2





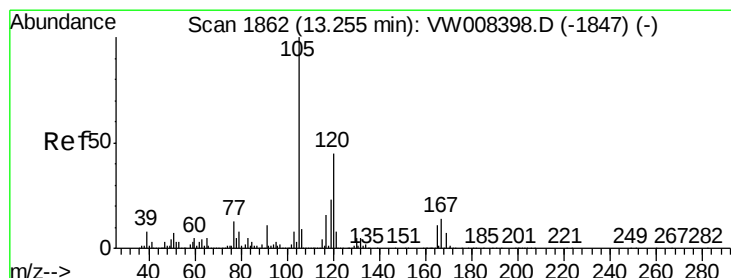
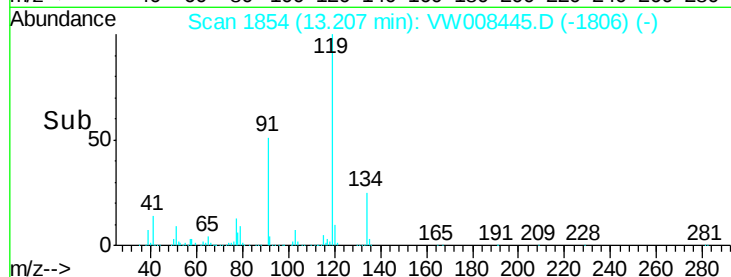
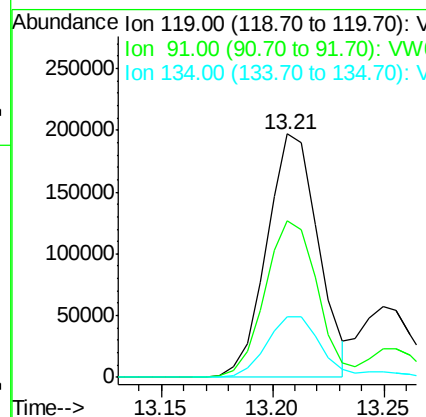
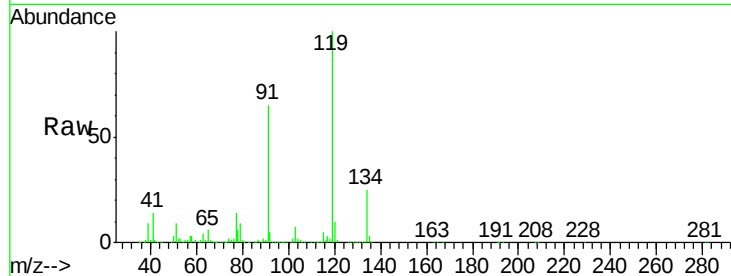
#83
 tert-Butylbenzene
 Concen: 18.664 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.8	33.8	101.4
134	27.6	13.5	40.4

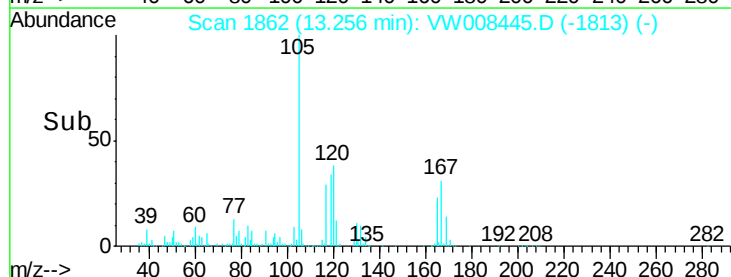
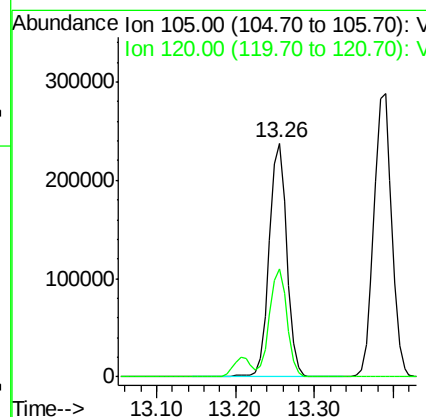
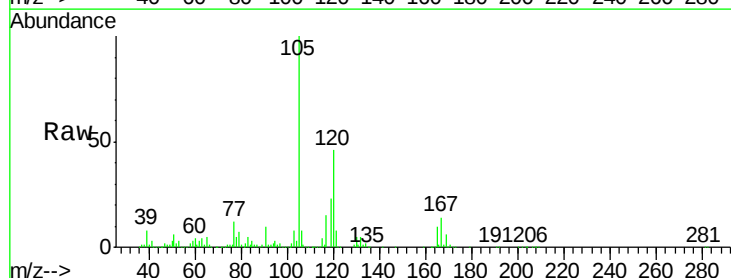
Manual Integrations
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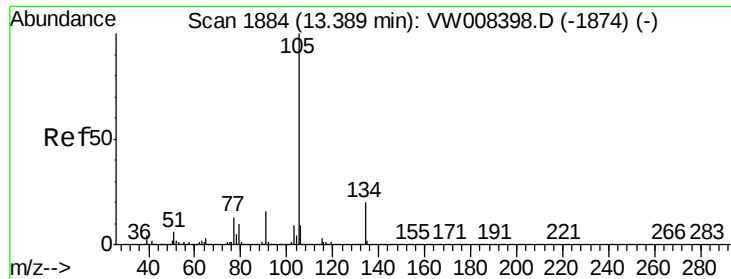
MMDadoda
 1/30/2019 9:39:45 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.090 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.2





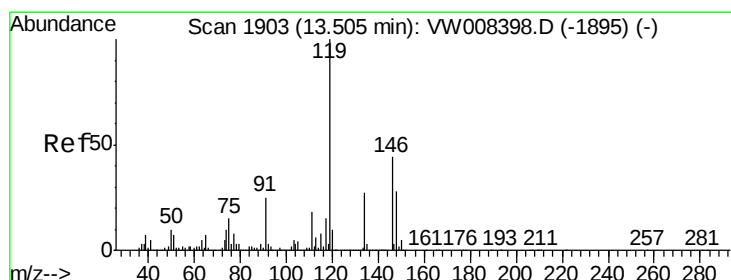
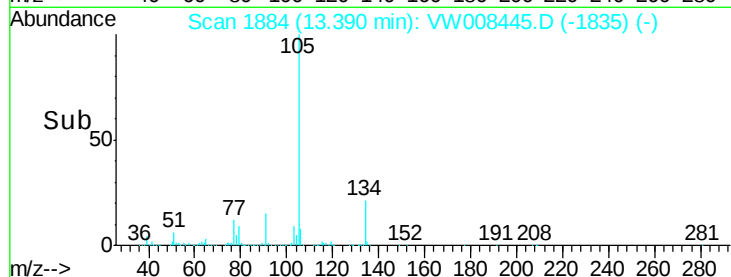
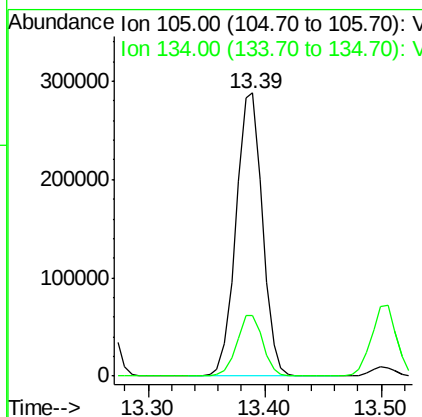
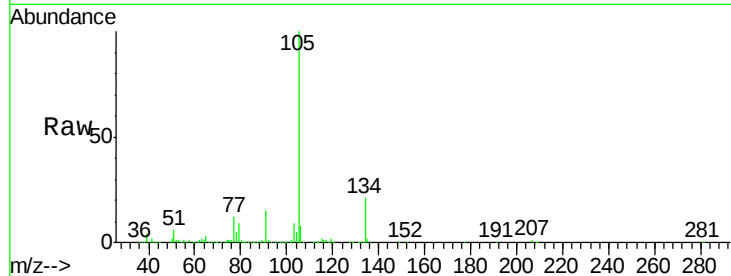
#85
 sec-Butylbenzene
 Concen: 18.861 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.2	30.6

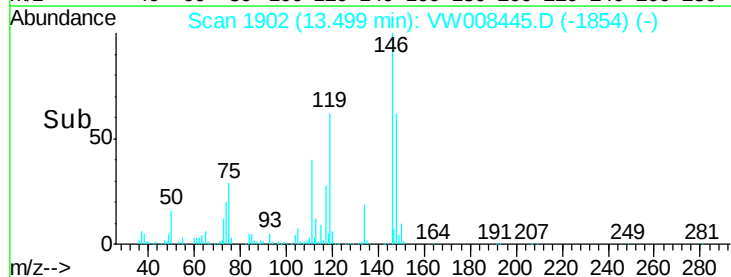
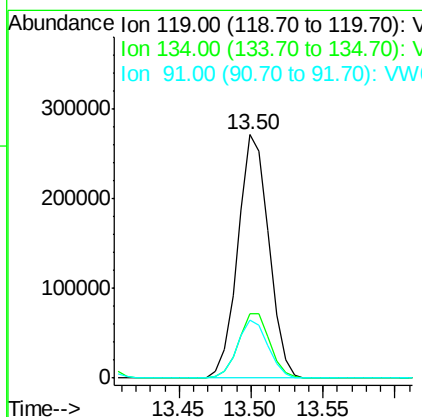
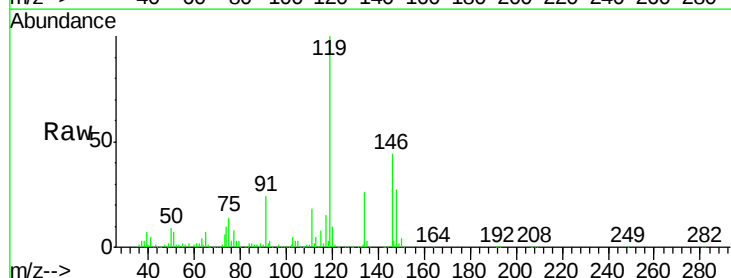
Manual Integrations
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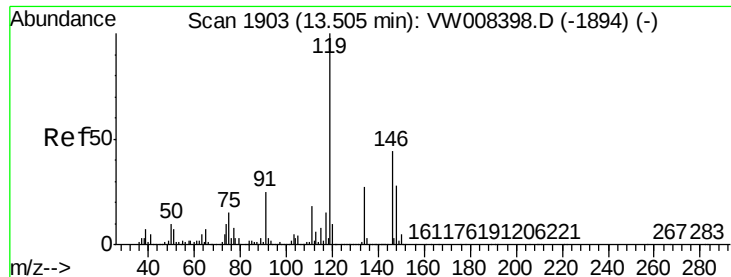
MMDadoda
 1/30/2019 9:39:45 AM



#86
 p-Isopropyltoluene
 Concen: 19.083 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.4	40.2
91	23.7	12.6	37.6





#87

1,3-Dichlorobenzene

Concen: 19.460 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

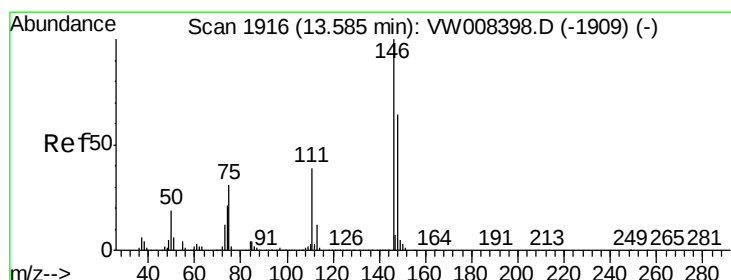
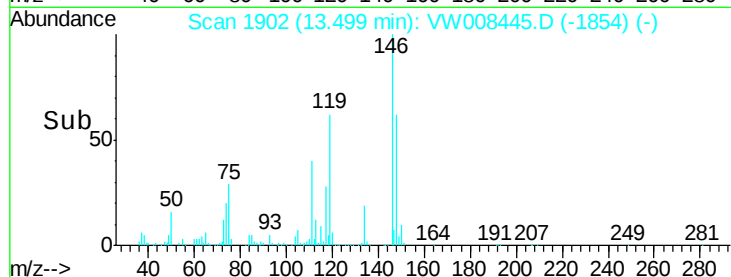
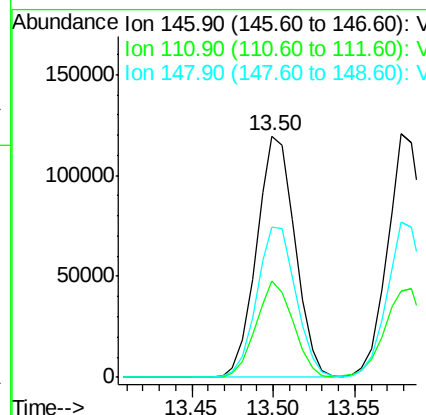
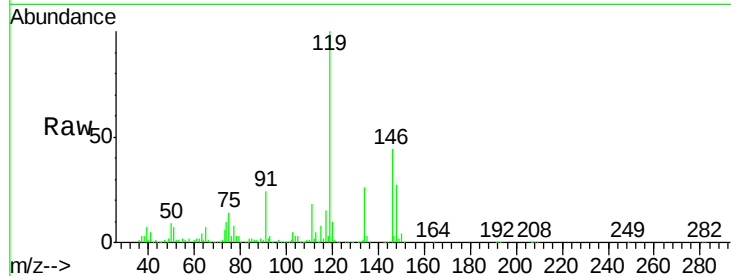
Instrument :
MSVOA_W

ClientSampleId :
VW0129SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	20.3	60.9
148	63.3	31.9	95.7

Manual Integrations
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1/30/2019 9:39:45 AM



#88

1,4-Dichlorobenzene

Concen: 19.332 ug/l

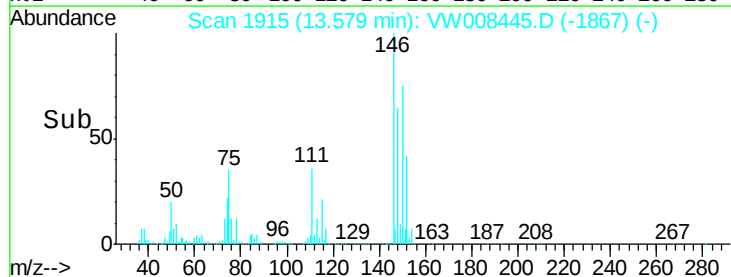
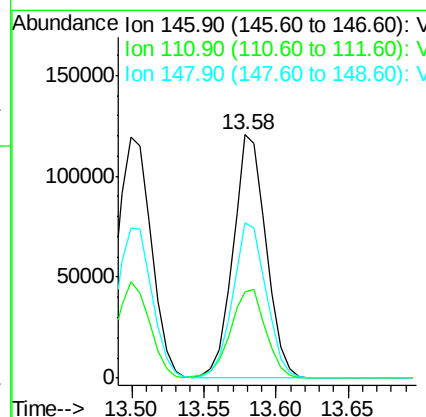
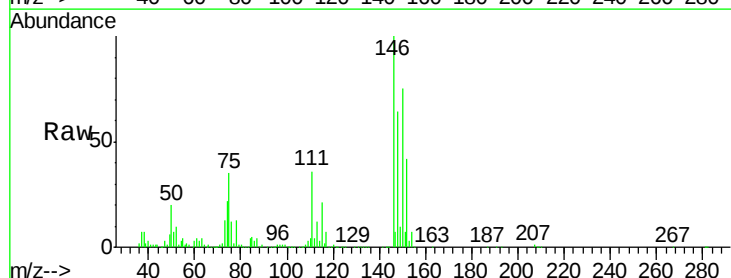
RT: 13.58 min Scan# 1915

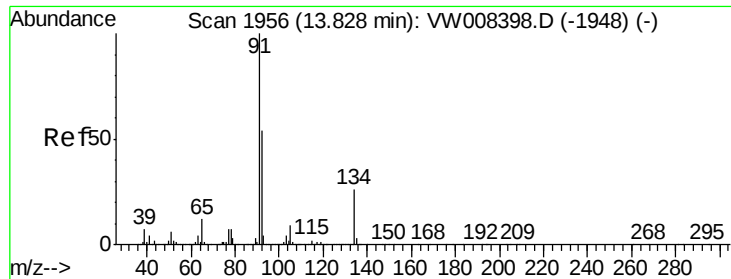
Delta R.T. -0.01 min

Lab File: VW008445.D

Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	60.0
148	64.9	32.0	96.2





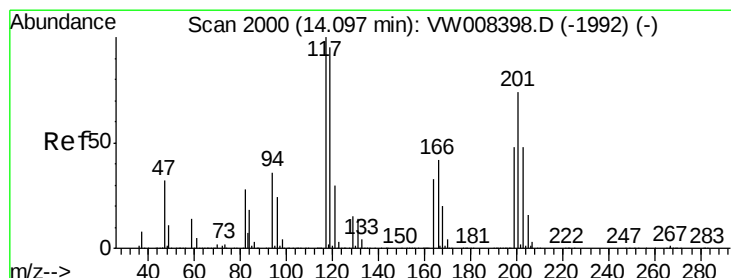
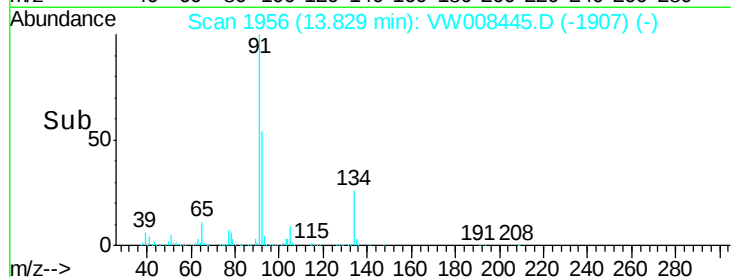
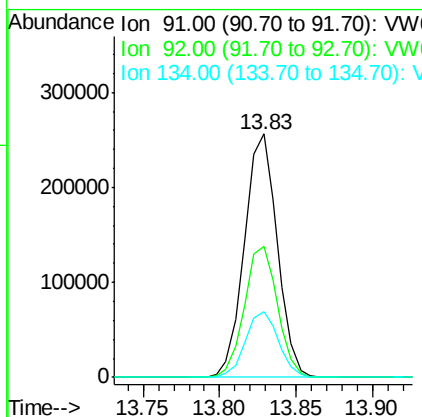
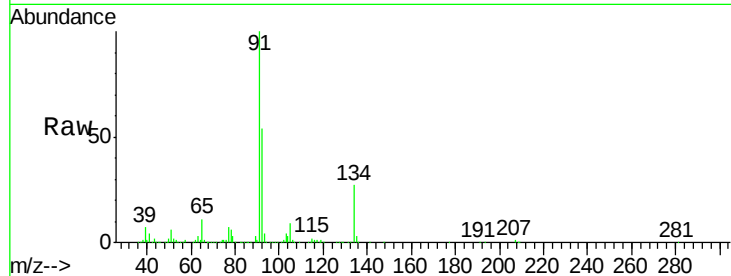
#89
n-Butylbenzene
Concen: 18.397 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.4	82.2
134	27.3	13.0	39.0

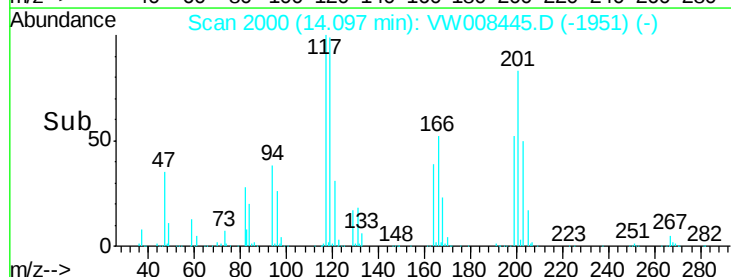
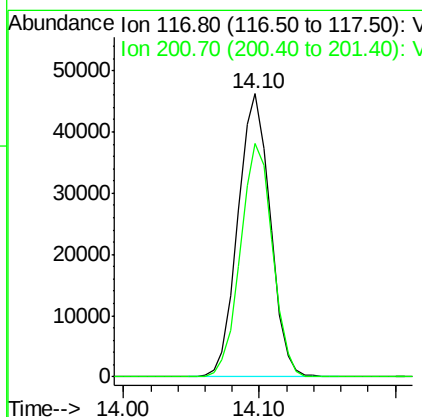
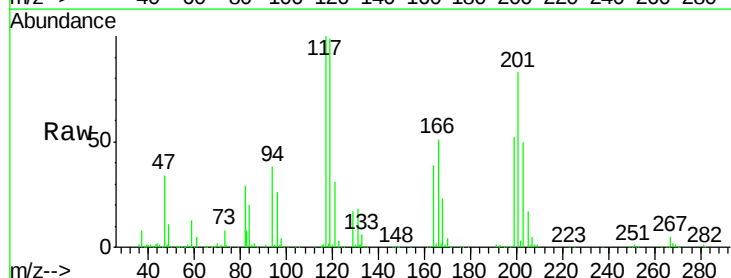
Manual Integrations
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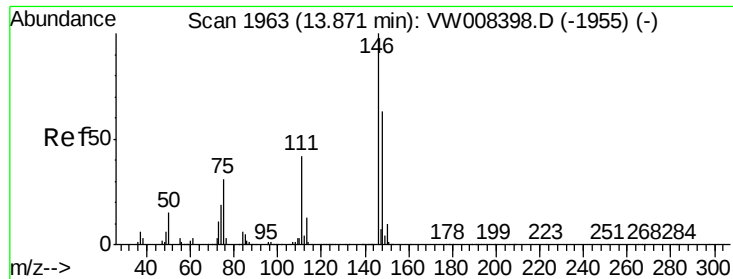
MMDadoda
1/30/2019 9:39:45 AM



#90
Hexachloroethane
Concen: 18.565 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.7	39.1	117.5





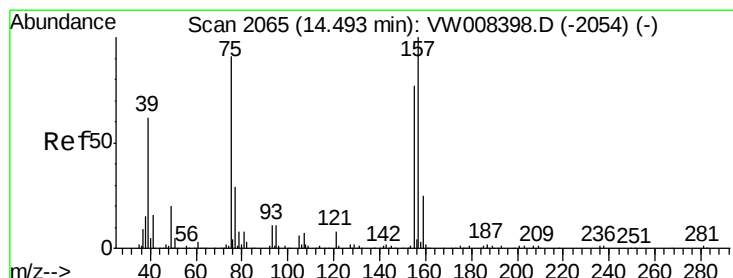
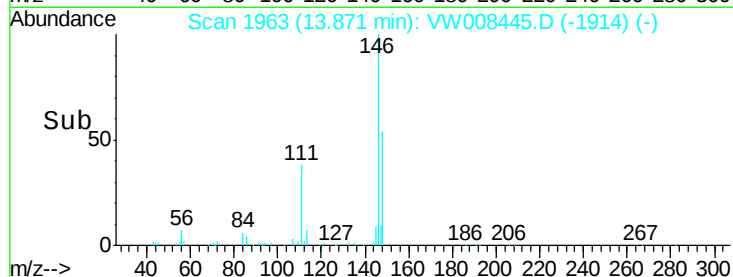
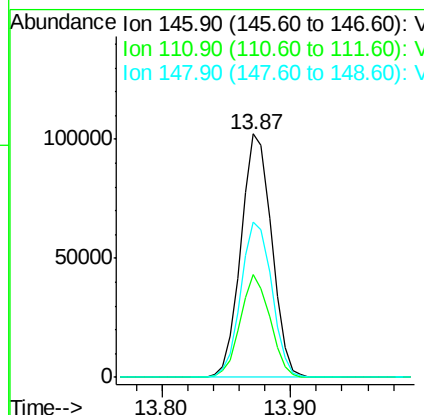
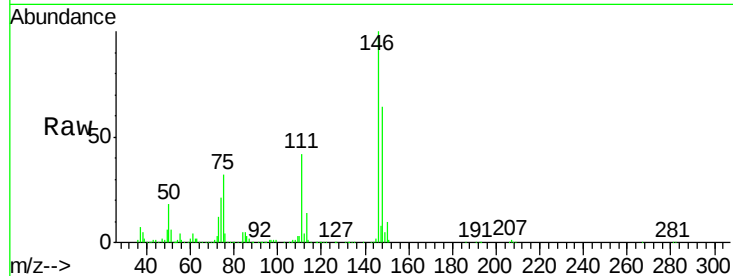
#91
 1,2-Dichlorobenzene
 Concen: 19.005 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	168626		
111	40.8		21.1	63.3
148	64.2		31.9	95.5

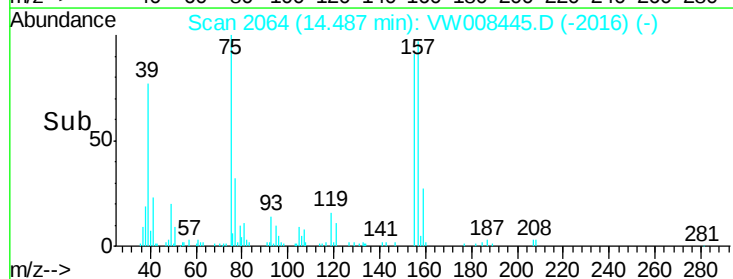
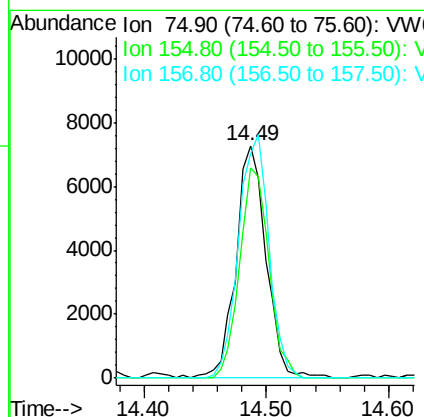
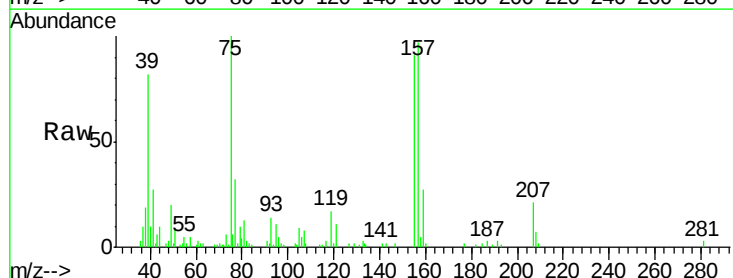
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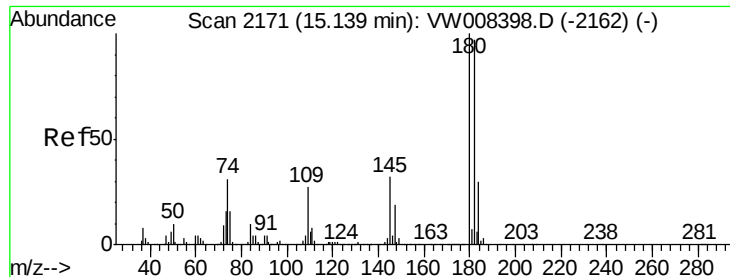
MMDadoda
 1/30/2019 9:39:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.038 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	12319		
155	88.4		42.7	128.1
157	106.2		55.5	166.3





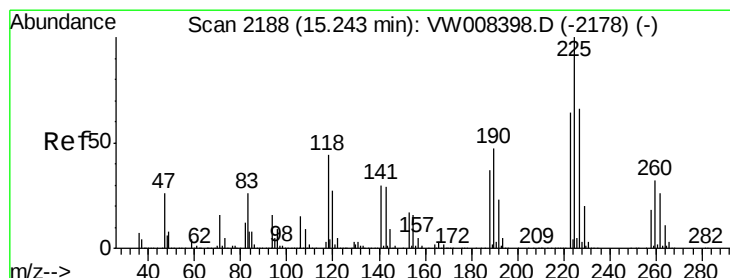
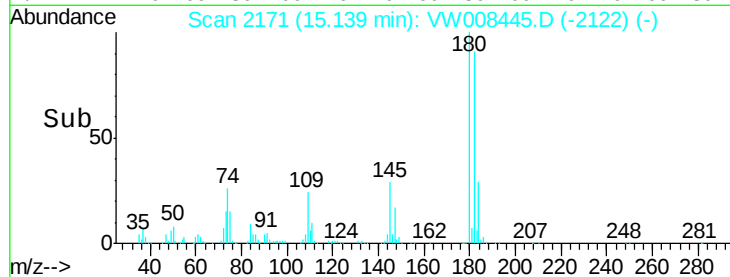
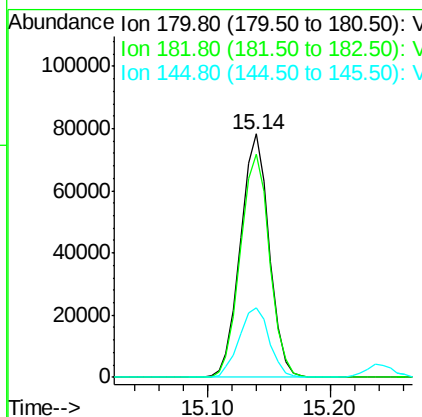
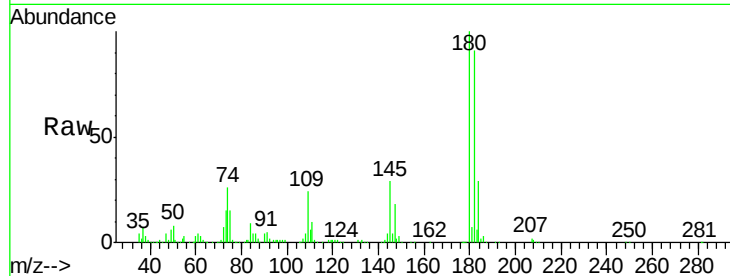
#93
 1,2,4-Trichlorobenzene
 Concen: 20.094 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0129SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127226		
182	93.6	47.9	143.7	
145	30.4	15.5	46.5	

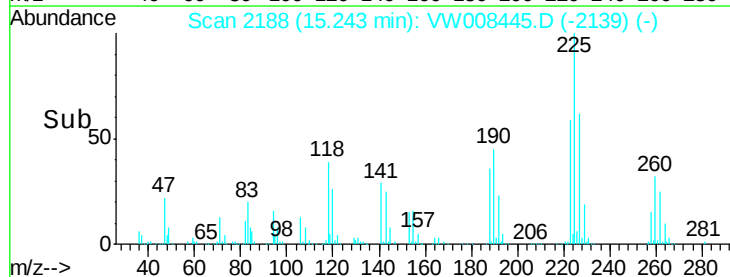
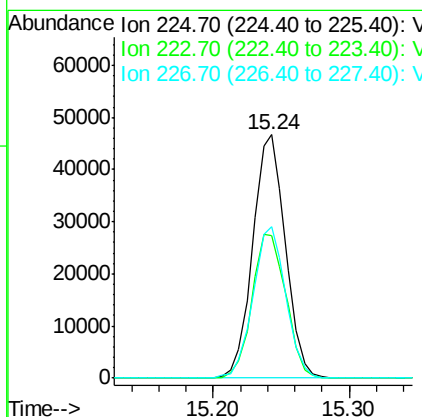
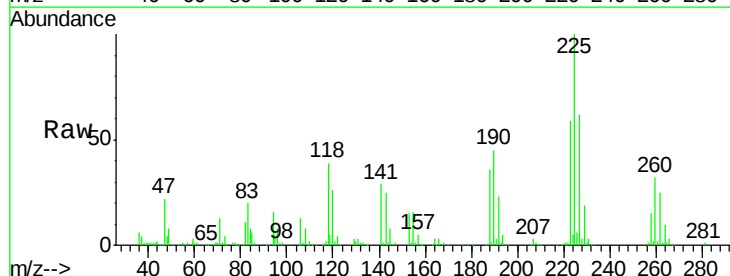
Manual Integrations
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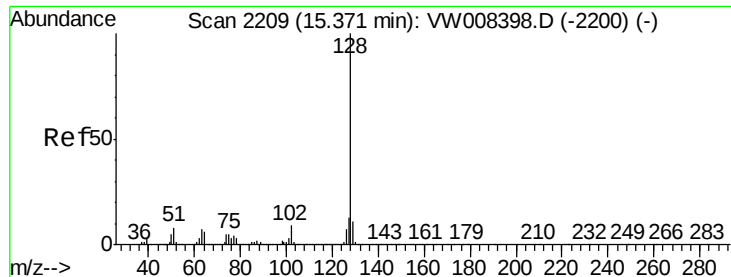
MMDadoda
 1/30/2019 9:39:45 AM



#94
 Hexachlorobutadiene
 Concen: 20.587 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008445.D
 Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78558		
223	61.3	31.7	95.1	
227	62.4	32.1	96.3	





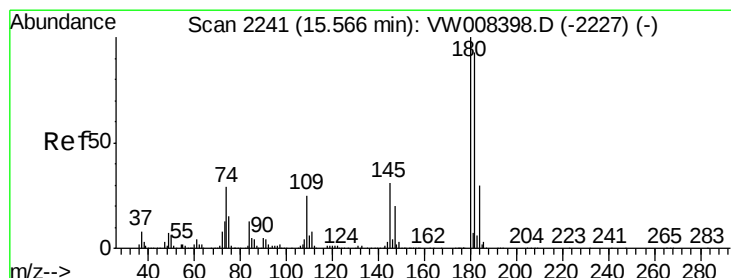
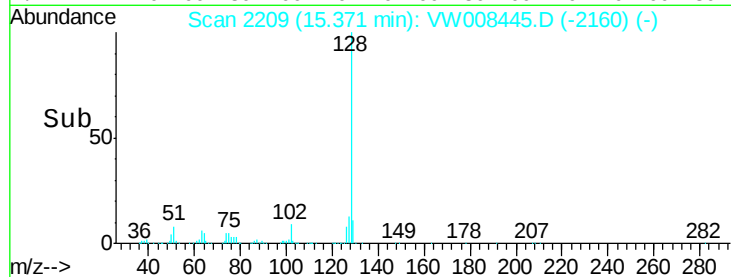
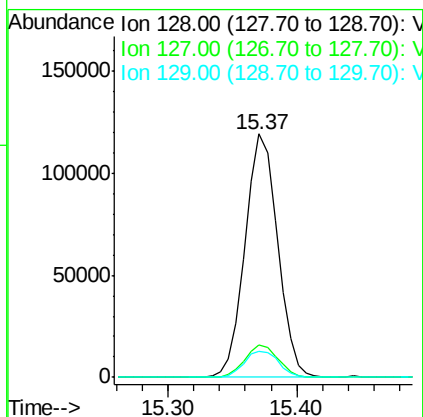
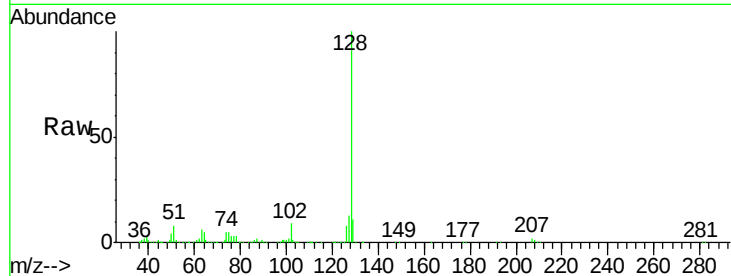
#95
Naphthalene
Concen: 18.745 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Instrument :
MSVOA_W
ClientSampleId :
VW0129SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	208398		
127	13.6		10.6	15.8
129	11.3		8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.907 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008445.D
Acq: 29 Jan 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	106918		
182	94.3		47.0	141.2
145	31.7		15.9	47.6

