

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013107.D
 Acq On : 18 Sep 2019 12:35
 Operator : SY/VA
 Sample : VW0918SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 11:22:14 AM

Quant Time: Sep 19 08:23:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	366214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	543228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	463311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	234050	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	140349	41.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.00%	
35) Dibromofluoromethane	7.88	113	135232	45.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.76%	
50) Toluene-d8	10.32	98	552488	47.90	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.80%	
62) 4-Bromofluorobenzene	12.62	95	188197	45.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	32749	20.743	ug/l	96
3) Chloromethane	2.21	50	38878	19.057	ug/l	99
4) Vinyl Chloride	2.36	62	52102	19.877	ug/l	98
5) Bromomethane	2.77	94	32448	20.270	ug/l	98
6) Chloroethane	2.91	64	30800	19.158	ug/l	99
7) Trichlorofluoromethane	3.25	101	31834	17.367	ug/l	99
8) Diethyl Ether	3.68	74	30129	21.050	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57408	20.649	ug/l	99
10) Methyl Iodide	4.28	142	75380	21.665	ug/l	97
11) Tert butyl alcohol	5.18	59	23524	89.261	ug/l #	86
12) 1,1-Dichloroethene	4.04	96	53887	21.318	ug/l	97
13) Acrolein	3.89	56	21220	80.350	ug/l	96
14) Allyl chloride	4.66	41	91321	19.030	ug/l	92
15) Acrylonitrile	5.37	53	72838	99.639	ug/l	98
16) Acetone	4.12	43	62694	71.465	ug/l	94
17) Carbon Disulfide	4.38	76	103437	20.533	ug/l	97
18) Methyl Acetate	4.67	43	38201	19.825	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	98888	19.818	ug/l	100
20) Methylene Chloride	4.92	84	61843	19.465	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	55502	20.500	ug/l	93
22) Diisopropyl ether	6.31	45	197234	19.784	ug/l	99
23) Vinyl Acetate	6.25	43	560369	93.848	ug/l	95
24) 1,1-Dichloroethane	6.21	63	112407	19.556	ug/l	97
25) 2-Butanone	7.17	43	98348	91.446	ug/l	94
26) 2,2-Dichloropropane	7.16	77	74163	17.513	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	67606	20.857	ug/l	93
28) Bromochloromethane	7.51	49	44314	18.317	ug/l	91
29) Tetrahydrofuran	7.53	42	58363	95.242	ug/l	97
30) Chloroform	7.67	83	112603	19.280	ug/l	96
31) Cyclohexane	7.95	56	97836	20.135	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	87072	18.103	ug/l	98
36) 1,1-Dichloropropene	8.08	75	83760	19.296	ug/l	97
37) Ethyl Acetate	7.25	43	40731	17.678	ug/l #	94
38) Carbon Tetrachloride	8.07	117	79594	17.893	ug/l	99

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Quant Time: Sep 19 08:23:57 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99289	20.874	ug/l	98
40) Benzene	8.32	78	246206	20.317	ug/l	100
41) Methacrylonitrile	7.48	41	24411	16.088	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	70182	17.277	ug/l	94
43) Isopropyl Acetate	8.42	43	78612	17.770	ug/l	97
44) Trichloroethene	9.09	130	68411	20.610	ug/l	87
45) 1,2-Dichloropropane	9.37	63	64494	20.031	ug/l	98
46) Dibromomethane	9.46	93	31060	20.136	ug/l	98
47) Bromodichloromethane	9.64	83	79706	18.422	ug/l	100
48) Methyl methacrylate	9.43	41	36723	17.687	ug/l	91
49) 1,4-Dioxane	9.46	88	9531	368.749	ug/l #	77
51) 4-Methyl-2-Pentanone	10.21	43	210586	92.202	ug/l	96
52) Toluene	10.38	92	157426	20.444	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	81215	18.664	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	95562	19.193	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	48359	20.579	ug/l	97
56) Ethyl methacrylate	10.65	69	61599	19.475	ug/l	93
57) 1,3-Dichloropropane	10.93	76	83598	20.055	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	169753	100.048	ug/l	98
59) 2-Hexanone	10.97	43	141756	89.135	ug/l	93
60) Dibromochloromethane	11.13	129	54330	19.124	ug/l	97
61) 1,2-Dibromoethane	11.23	107	42652	19.897	ug/l	96
64) Tetrachloroethene	10.86	164	55841	20.260	ug/l	94
65) Chlorobenzene	11.65	112	170039	20.604	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	62190	19.664	ug/l	99
67) Ethyl Benzene	11.73	91	309399	20.300	ug/l	96
68) m/p-Xylenes	11.84	106	231755	41.623	ug/l	96
69) o-Xylene	12.16	106	109434	20.964	ug/l	96
70) Styrene	12.18	104	190694	20.536	ug/l	97
71) Bromoform	12.35	173	31272	18.825	ug/l #	96
73) Isopropylbenzene	12.46	105	313277	20.194	ug/l	99
74) N-amyl acetate	12.27	43	71461	17.907	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	55730	20.453	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	42862m	20.907	ug/l	
77) Bromobenzene	12.74	156	73405	20.539	ug/l	94
78) n-propylbenzene	12.80	91	364390	19.968	ug/l	98
79) 2-Chlorotoluene	12.89	91	207988	19.827	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	261722	19.942	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	17365	19.215	ug/l	92
82) 4-Chlorotoluene	12.99	91	216294	19.542	ug/l	96
83) tert-Butylbenzene	13.21	119	234657	19.989	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	263358	20.307	ug/l	96
85) sec-Butylbenzene	13.38	105	320958	20.067	ug/l	100
86) p-Isopropyltoluene	13.50	119	297193	20.239	ug/l	97
87) 1,3-Dichlorobenzene	13.50	146	141859	20.051	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	145032	20.860	ug/l	99
89) n-Butylbenzene	13.82	91	274024	19.787	ug/l	99
90) Hexachloroethane	14.09	117	50255	19.097	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	126505	20.333	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8807	17.658	ug/l	95

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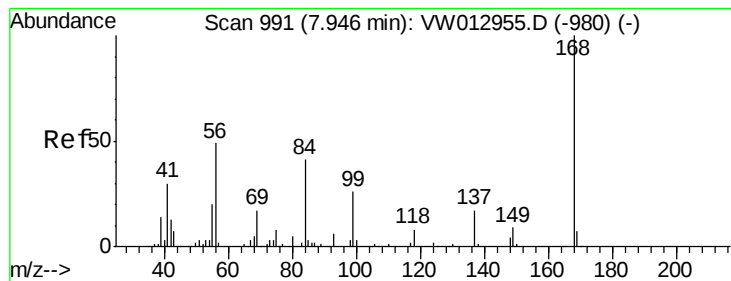
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	88526	19.951	ug/l	98
94) Hexachlorobutadiene	15.24	225	59181	18.841	ug/l	97
95) Naphthalene	15.36	128	144913	19.546	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	76336	19.462	ug/l	99

(#) = 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: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD01

Tot Ion:168 Resp: 366214

Ion Ratio Lower Upper

168 100

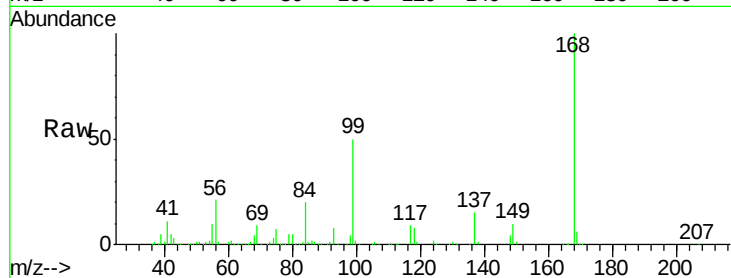
99 49.6 46.2 69.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

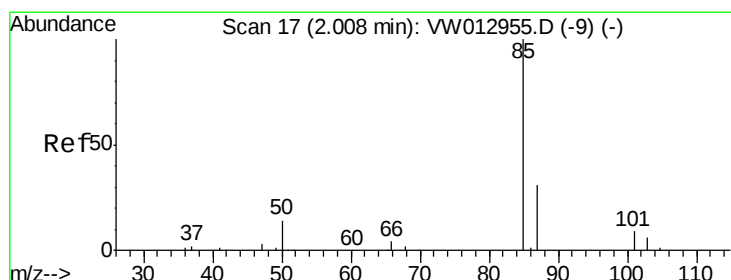
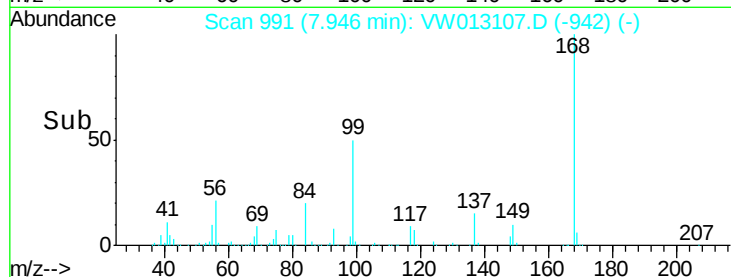
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 20.743 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013107.D

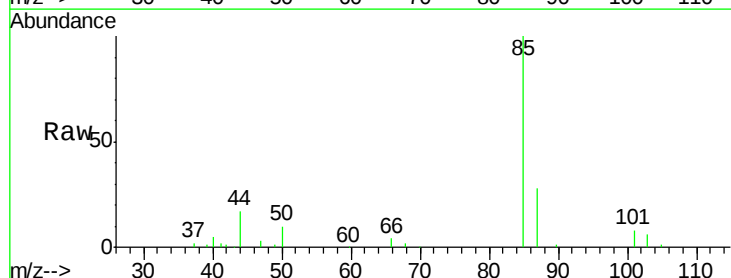
Acq: 18 Sep 2019 12:35

Tgt Ion: 85 Resp: 32749

Ion Ratio Lower Upper

85 100

87 28.5 15.4 46.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

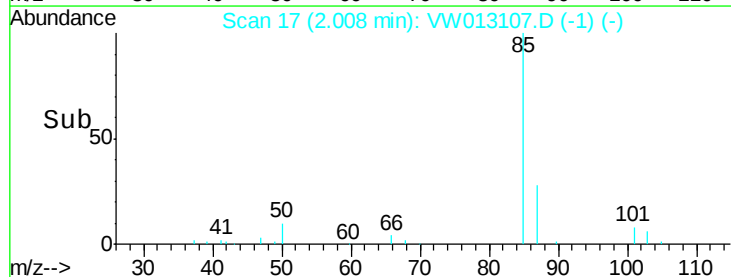
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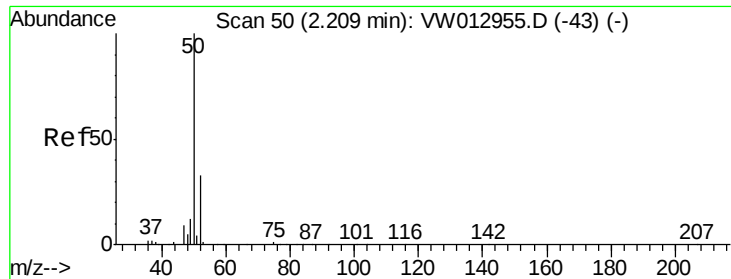
10000

5000

0

Time--> 1.90 2.00 2.10 2.20





#3

Chloromethane

Concen: 19.057 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBSD01

Tot Ion: 50 Resp: 38878

Ion Ratio Lower Upper

50 100

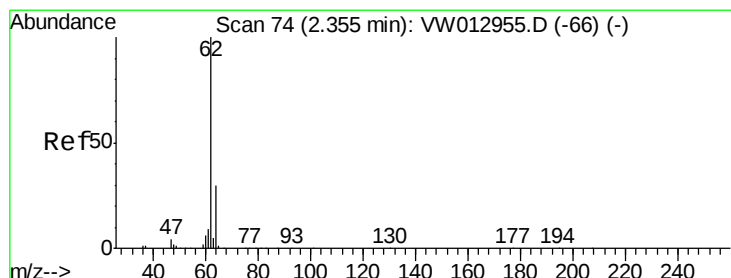
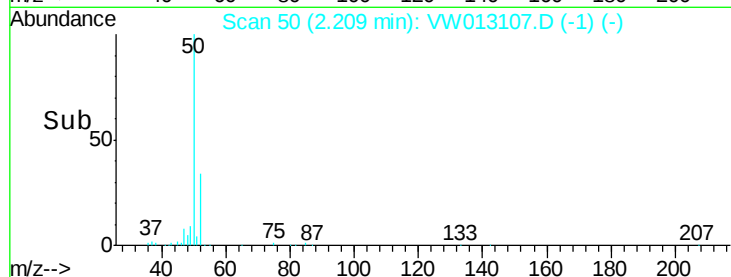
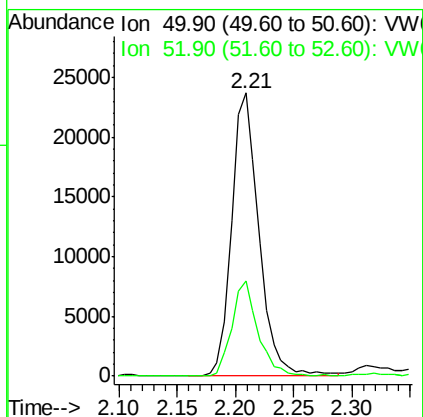
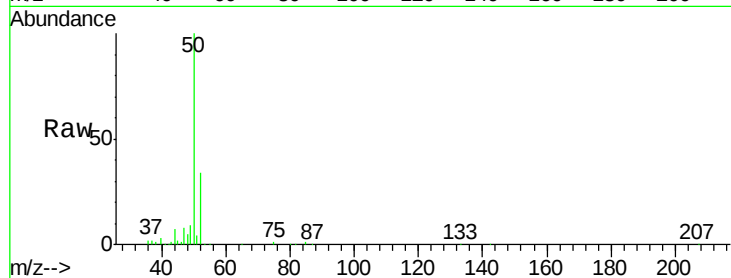
52 33.8 26.6 39.8

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#4

Vinyl Chloride

Concen: 19.877 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013107.D

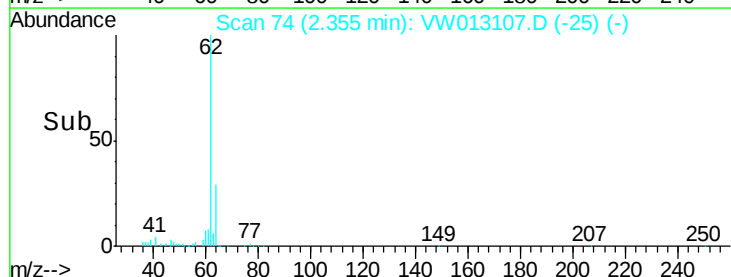
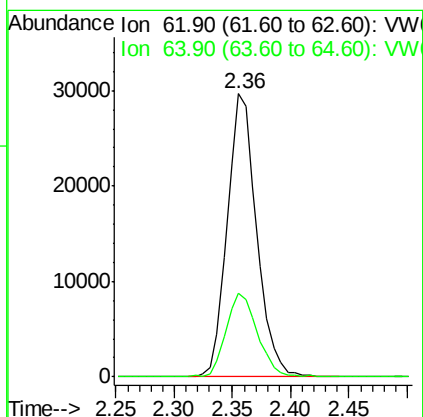
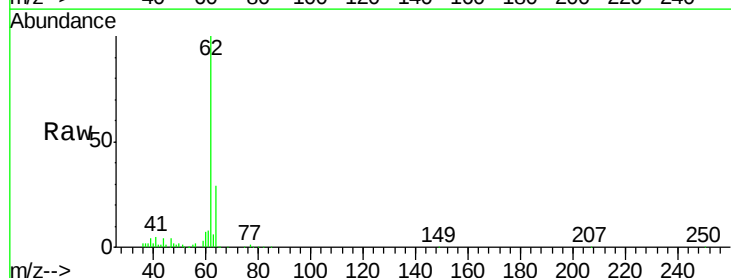
Acq: 18 Sep 2019 12:35

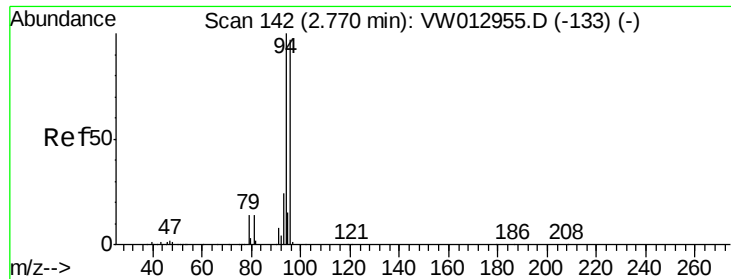
Tgt Ion: 62 Resp: 52102

Ion Ratio Lower Upper

62 100

64 29.4 24.2 36.4





#5

Bromomethane

Concen: 20.270 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

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ClientSampleId :

VW0918SBS01

Tot Ion: 94 Resp: 32448

Ion Ratio Lower Upper

94 100

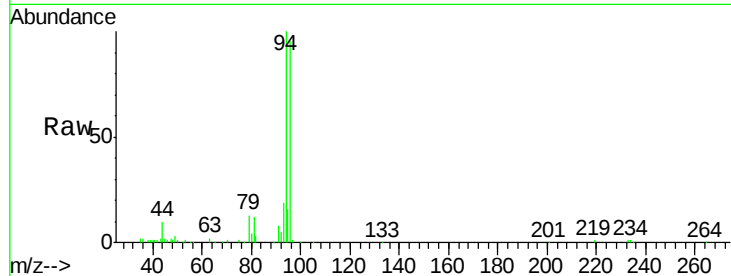
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Manual Integrations

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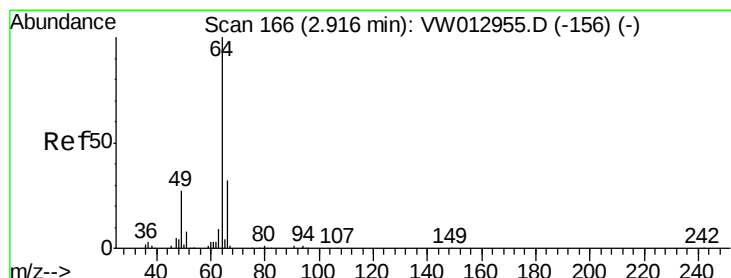
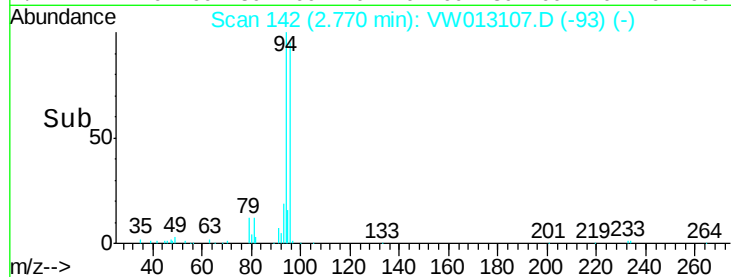
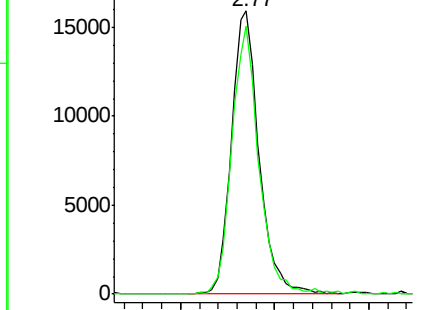
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 19.158 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW013107.D

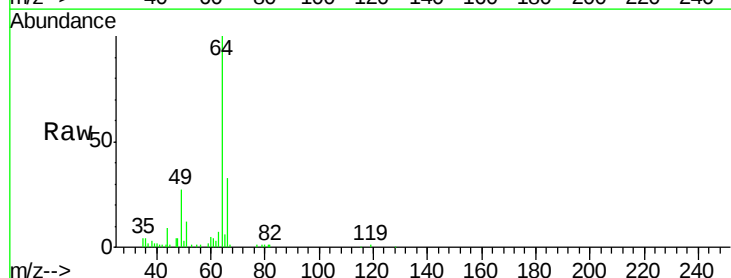
Acq: 18 Sep 2019 12:35

Tgt Ion: 64 Resp: 30800

Ion Ratio Lower Upper

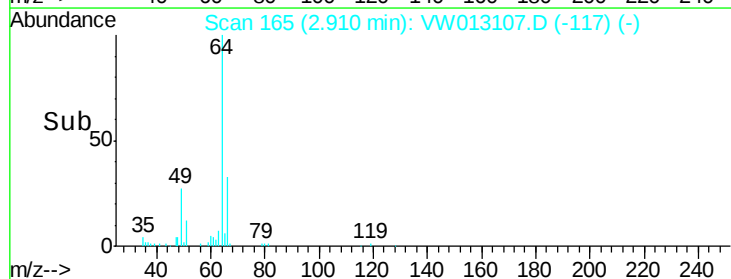
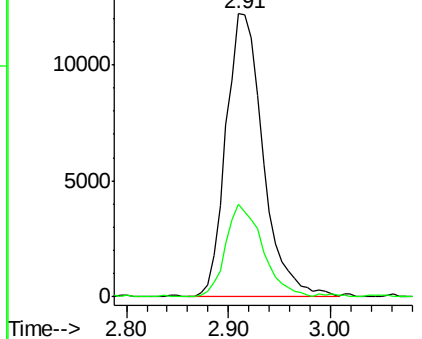
64 100

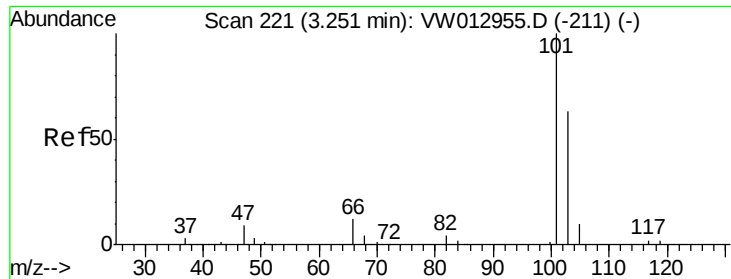
66 32.8 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

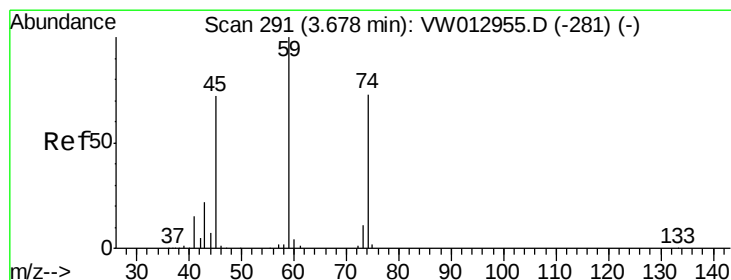
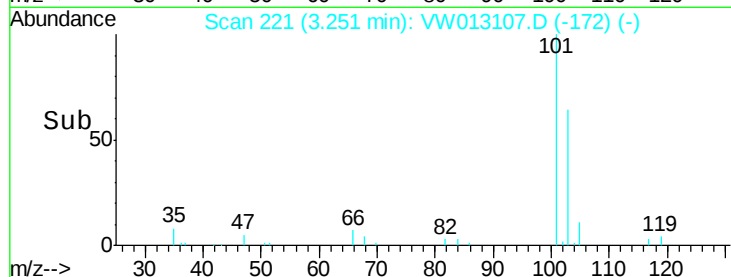
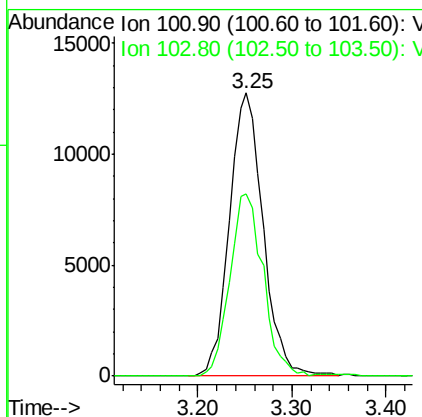
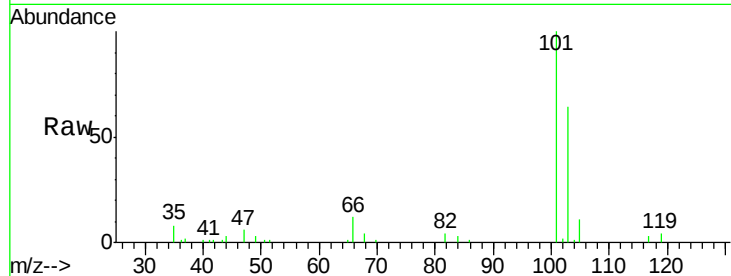
Trichlorofluoromethane
 Concen: 17.367 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
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Tot Ion:101 Resp: 31834
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.7 76.1

Manual Integrations
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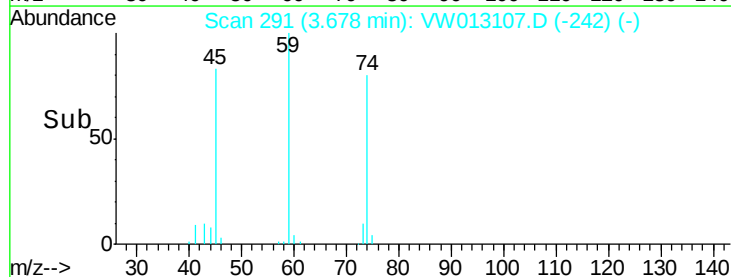
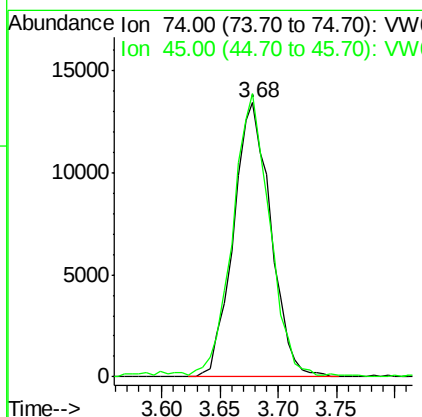
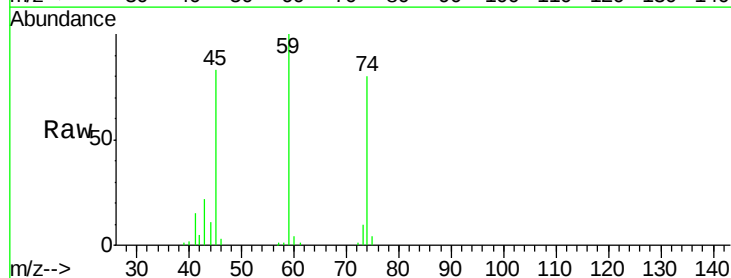
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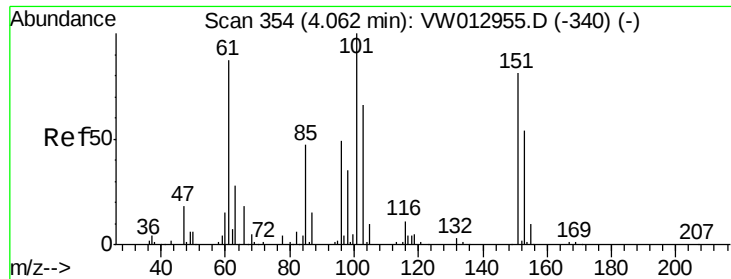


#8

Diethyl Ether
 Concen: 21.050 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion: 74 Resp: 30129
 Ion Ratio Lower Upper
 74 100
 45 99.8 53.8 161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.649 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

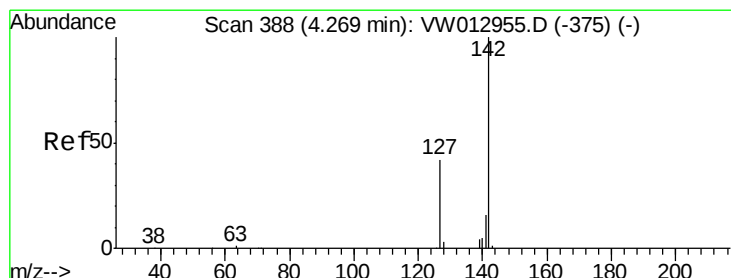
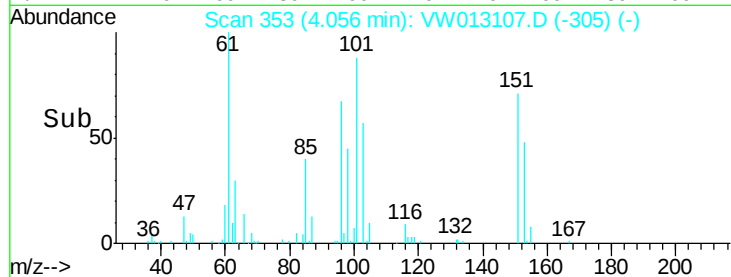
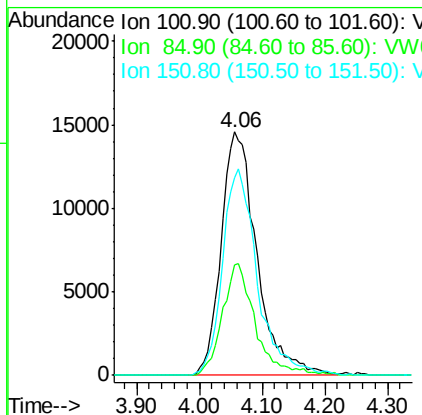
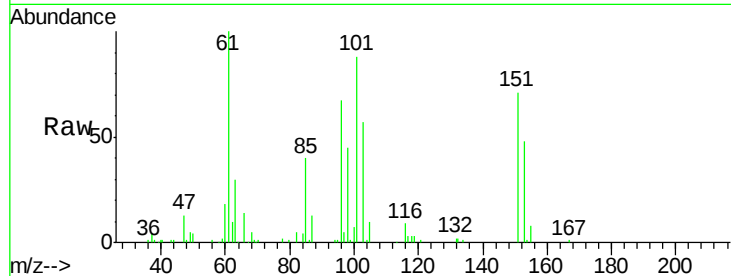
ClientSampleId :

VW0918SBS01

Tot Ion:	101	Resp:	57408
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.9	52.3
151	82.2	66.0	99.0

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#10

Methyl Iodide

Concen: 21.665 ug/l

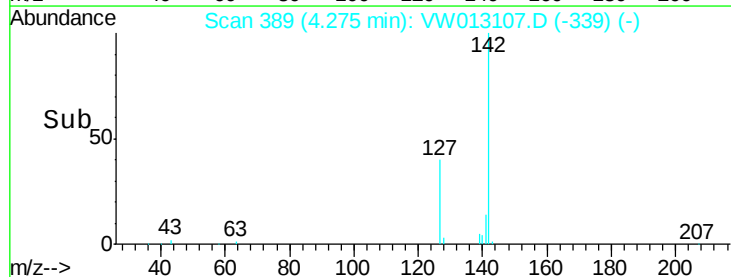
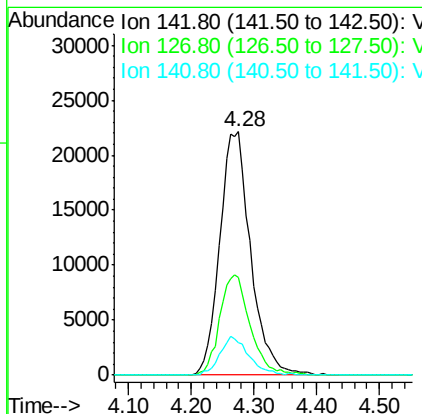
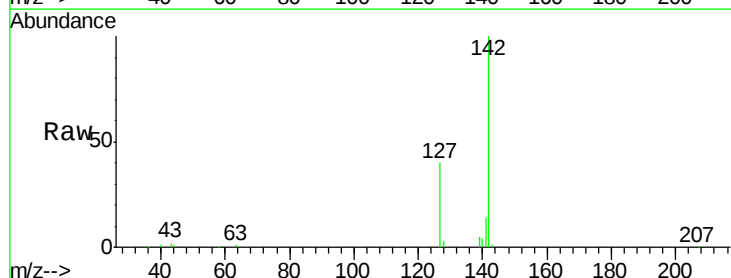
RT: 4.28 min Scan# 389

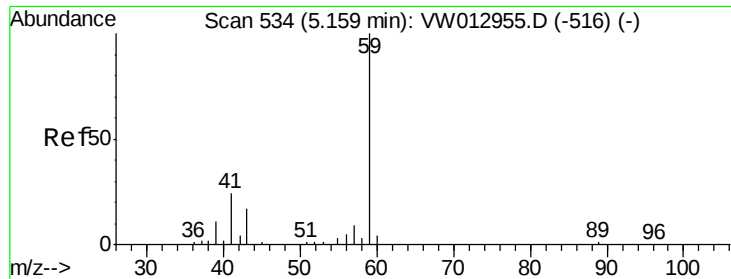
Delta R.T. 0.01 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Tgt Ion:	142	Resp:	75380
Ion Ratio	Lower	Upper	
142	100		
127	40.7	34.7	52.1
141	14.9	12.2	18.2





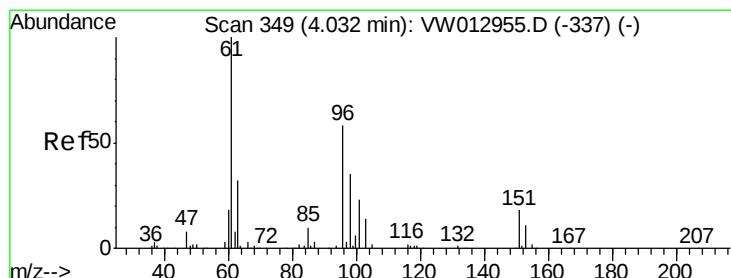
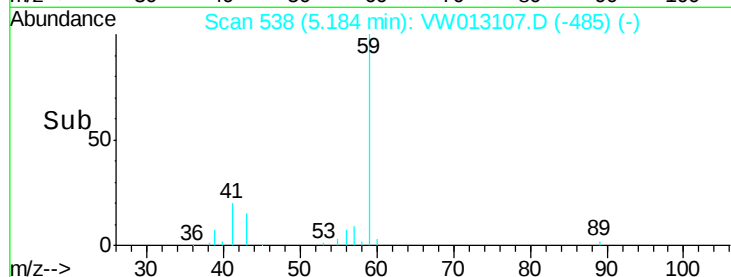
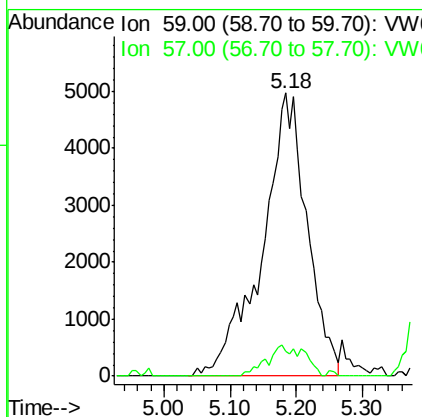
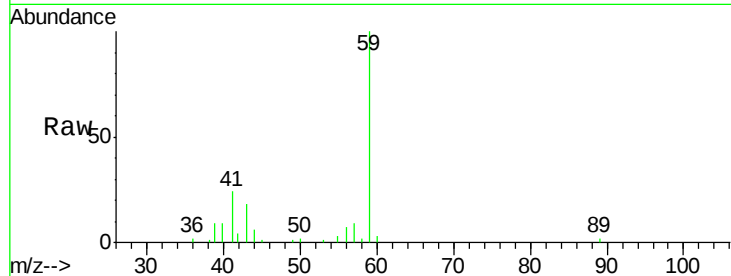
#11
Tert butyl alcohol
Concen: 89.261 ug/l
RT: 5.18 min Scan# 538
Delta R.T. 0.02 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	59	57	Ratio	100	5.4	Resp	23524	Lower	Upper
Ion	59	57	Ratio	100	5.4	Resp	23524	Lower	Upper
								8.5	12.7#

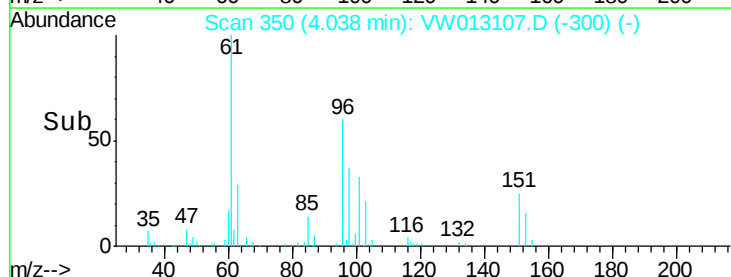
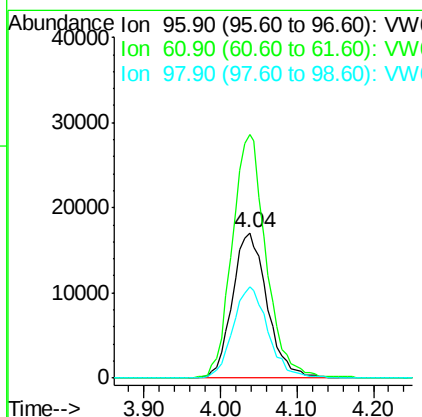
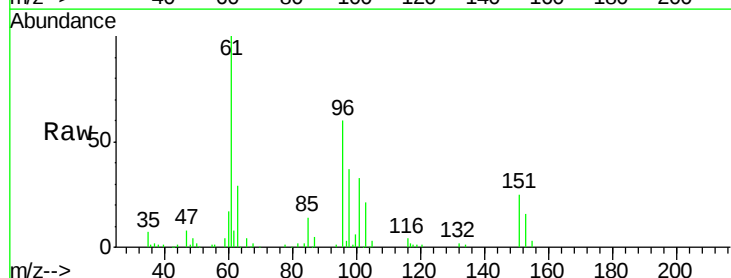
Manual Integrations
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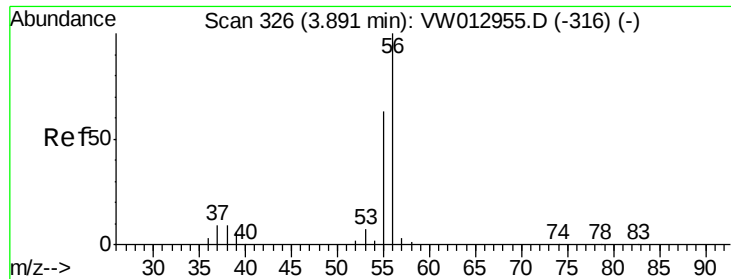
MMDadoda
9/19/2019 11:22:14 AM



#12
1,1-Dichloroethene
Concen: 21.318 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion	96	61	98	Ratio	100	167.3	62.6	Resp	53887	Lower	Upper
Ion	96	61	98	Ratio	100	167.3	62.6	Resp	53887	Lower	Upper
										137.9	206.9
										48.9	73.3





#13

Acrolein

Concen: 80.350 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 56 Resp: 21220

Ion Ratio Lower Upper

56 100

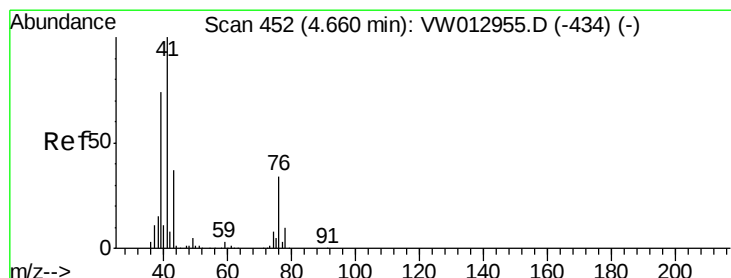
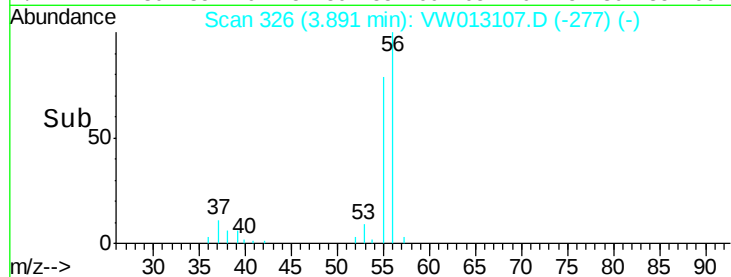
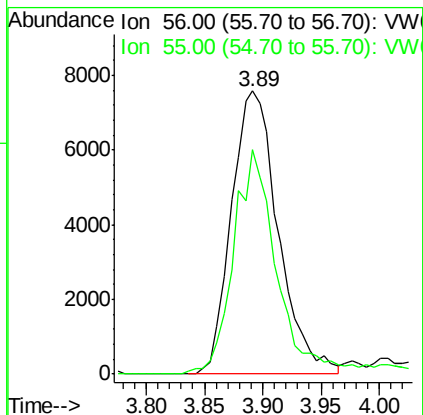
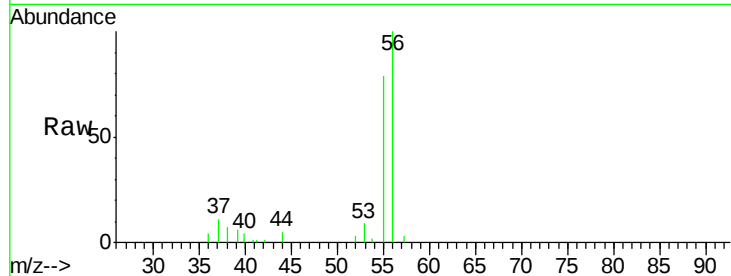
55 72.9 55.8 83.8

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#14

Allyl chloride

Concen: 19.030 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

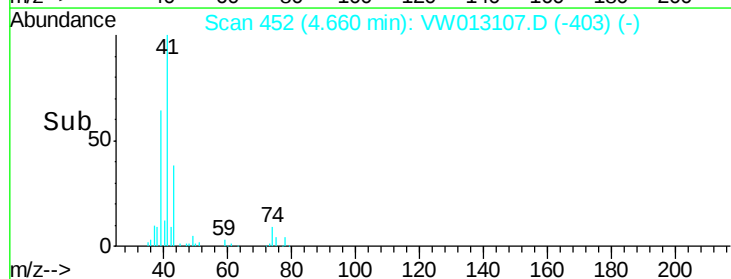
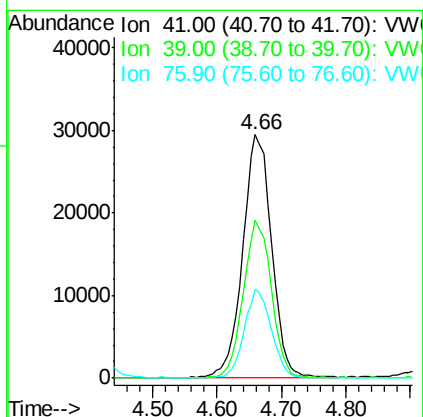
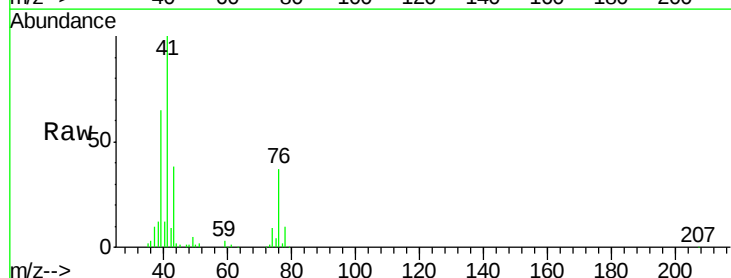
Tgt Ion: 41 Resp: 91321

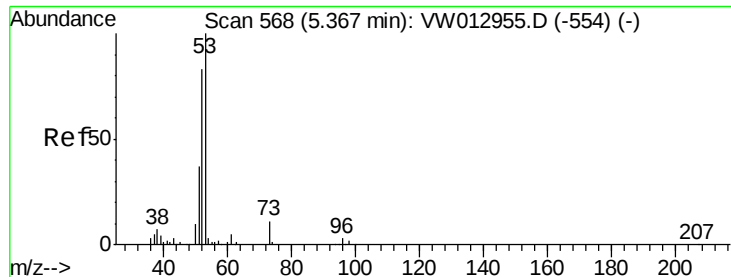
Ion Ratio Lower Upper

41 100

39 62.4 56.7 85.1

76 33.7 25.1 37.7





#15

Acrylonitrile

Concen: 99.639 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

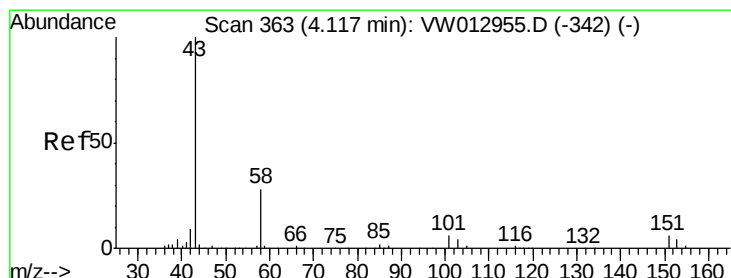
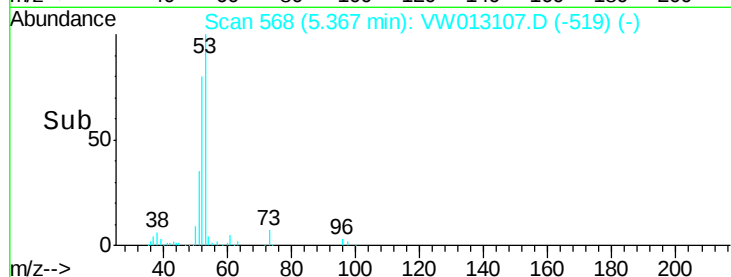
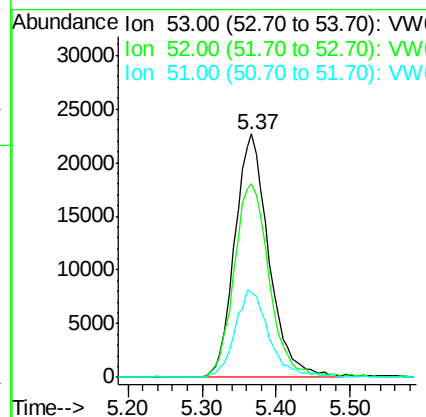
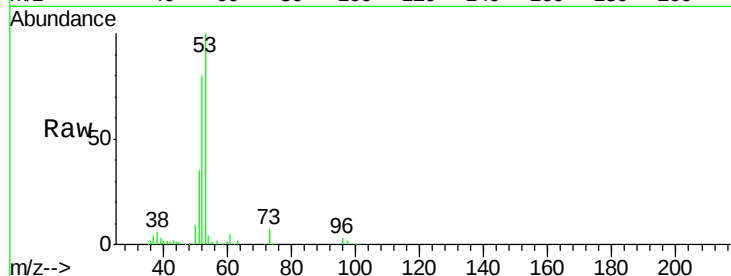
ClientSampleId :

VW0918SBS01

Tot Ion:	53	Resp:	72838
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.6	100.0
51	35.6	29.8	44.8

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#16

Acetone

Concen: 71.465 ug/l

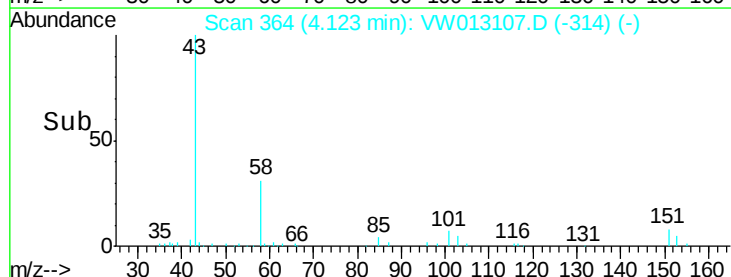
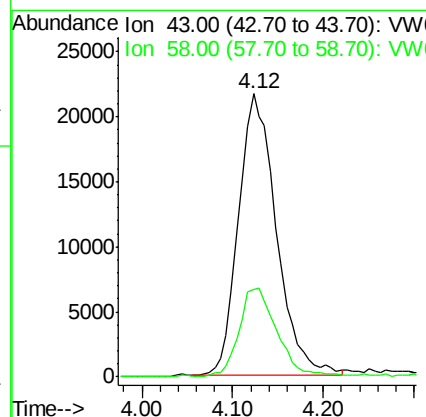
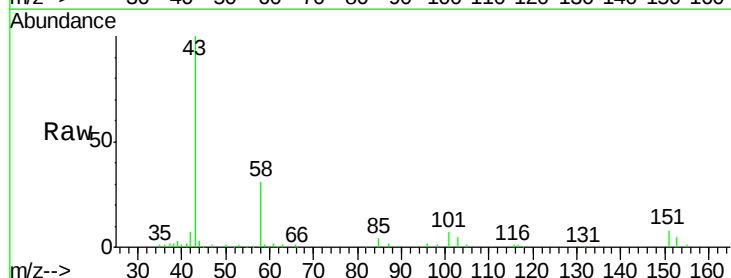
RT: 4.12 min Scan# 364

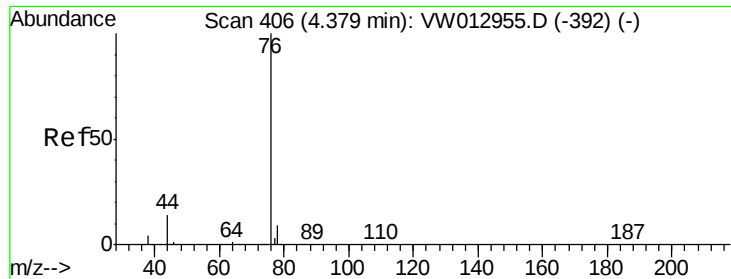
Delta R.T. 0.01 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Tgt Ion:	43	Resp:	62694
Ion	Ratio	Lower	Upper
43	100		
58	31.0	22.3	33.5





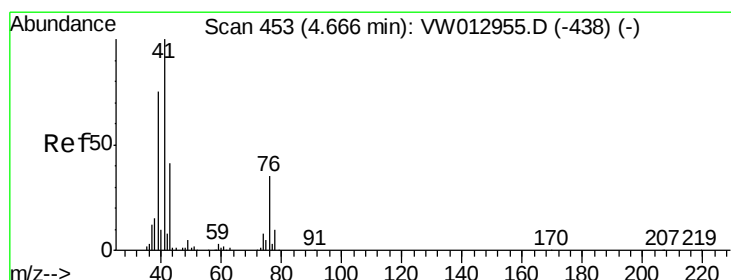
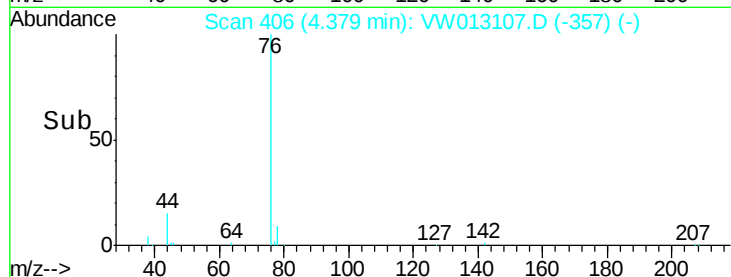
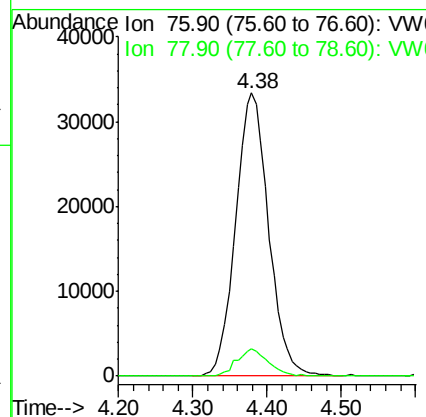
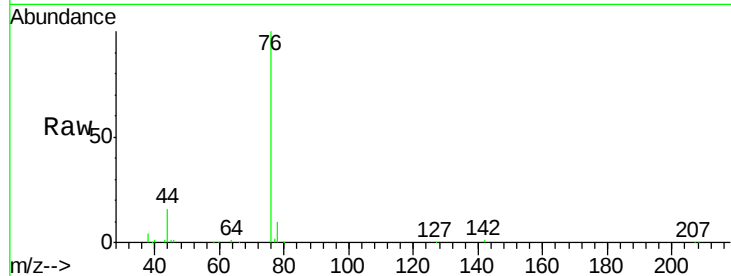
#17
Carbon Disulfide
Concen: 20.533 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion: 76 Resp: 103437
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4

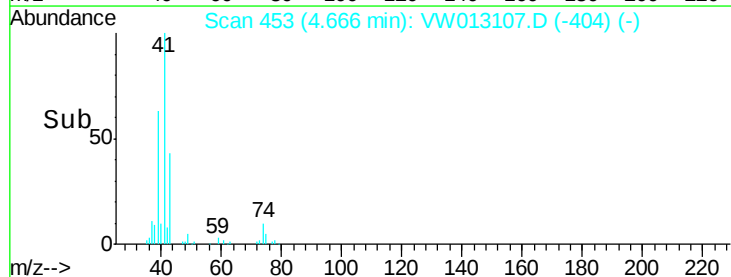
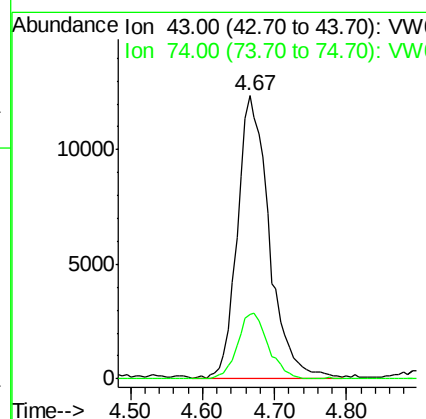
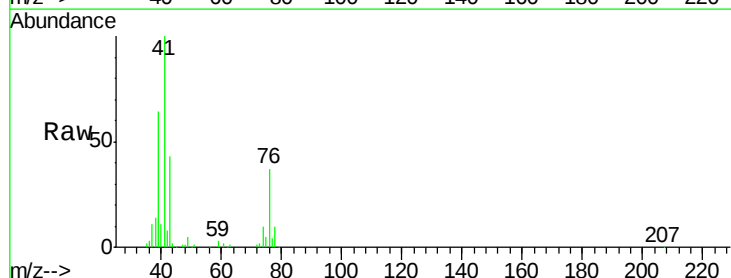
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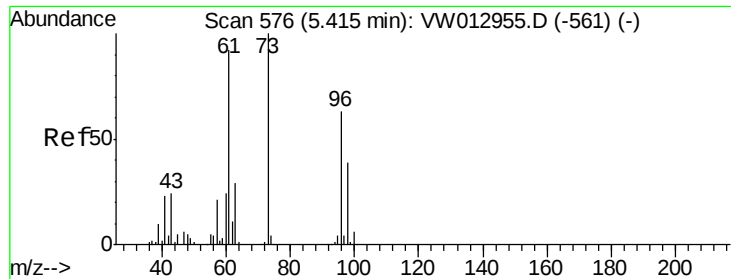
MMDadoda
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#18
Methyl Acetate
Concen: 19.825 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion: 43 Resp: 38201
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8





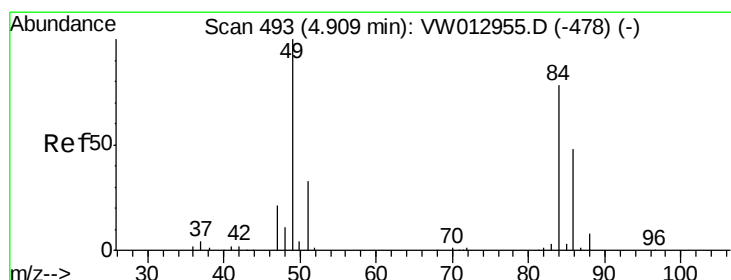
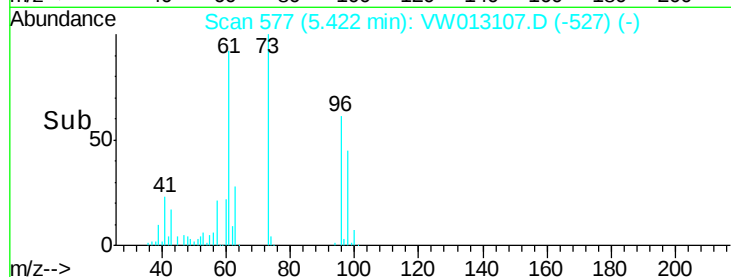
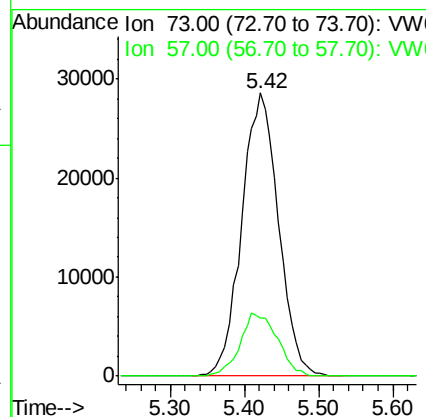
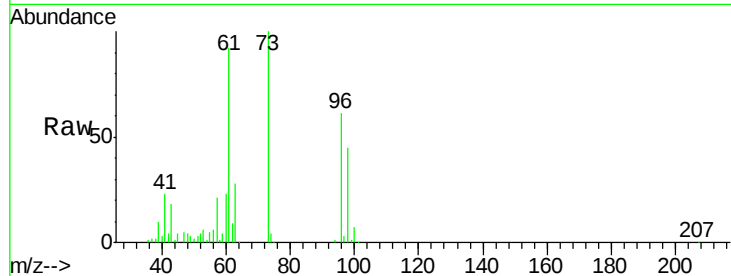
#19
Methvl tert-butvl Ether
Concen: 19.818 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.01 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion: 73 Resp: 98888
Ion Ratio Lower Upper
73 100
57 20.6 16.4 24.6

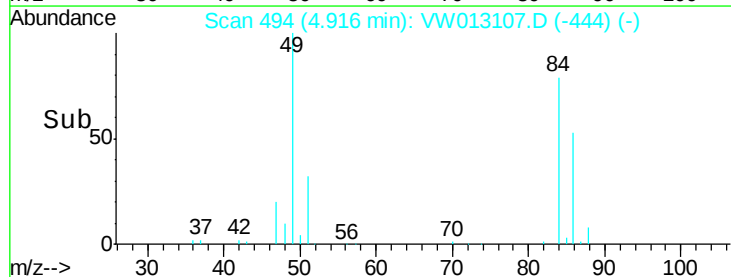
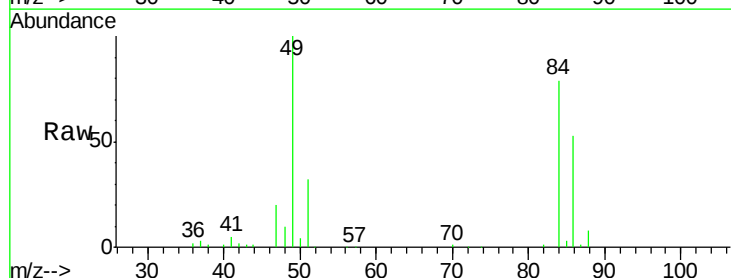
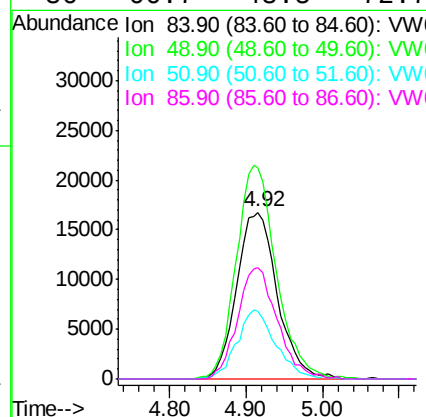
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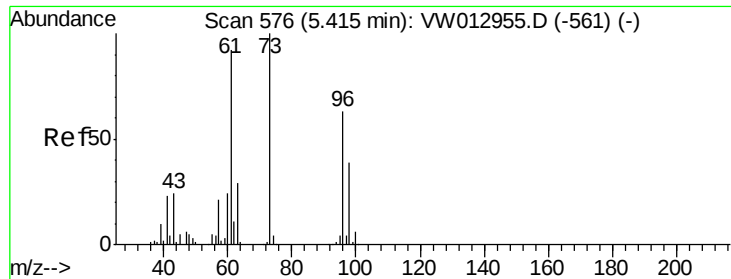
MMDadoda
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#20
Methylene Chloride
Concen: 19.465 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion: 84 Resp: 61843
Ion Ratio Lower Upper
84 100
49 126.6 102.0 153.0
51 40.7 34.0 51.0
86 66.7 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 20.500 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

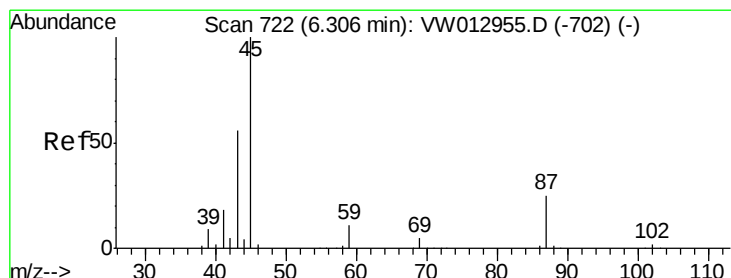
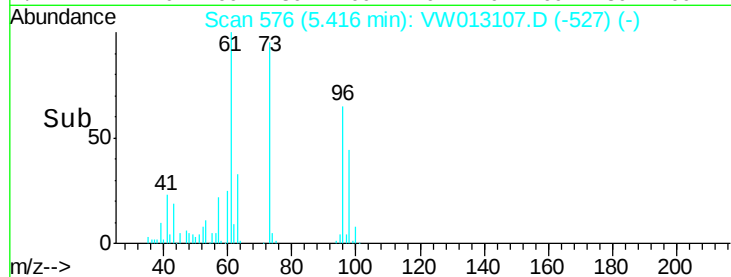
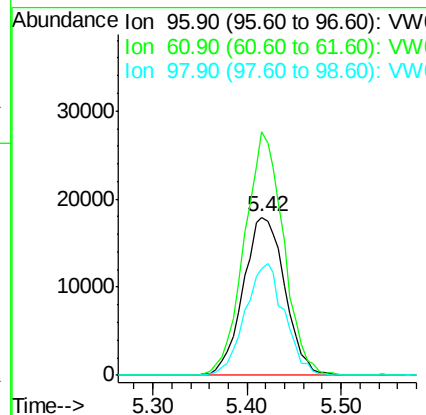
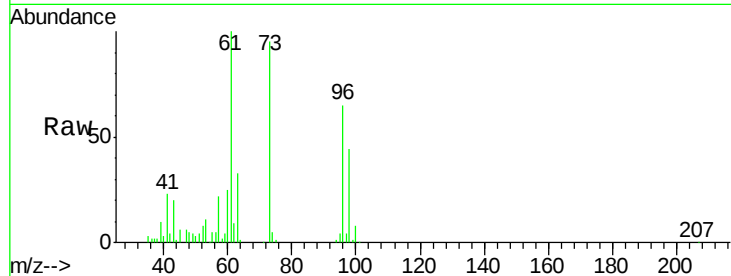
ClientSampleId :

VW0918SBSD01

Tot Ion:	96	Resp:	55502
Ion	Ratio	Lower	Upper
96	100		
61	153.7	116.2	174.2
98	67.7	49.8	74.6

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#22

Diisopropyl ether

Concen: 19.784 ug/l

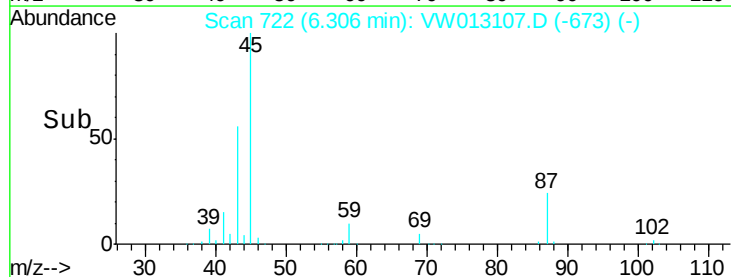
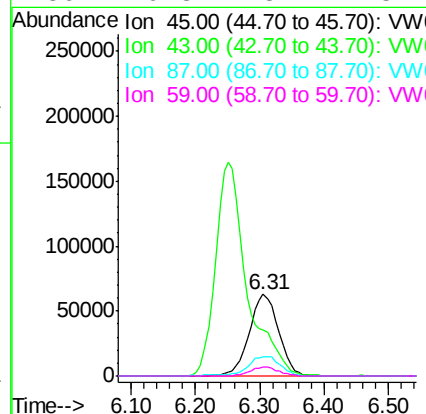
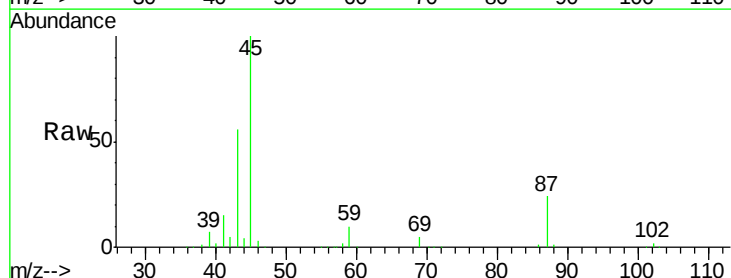
RT: 6.31 min Scan# 722

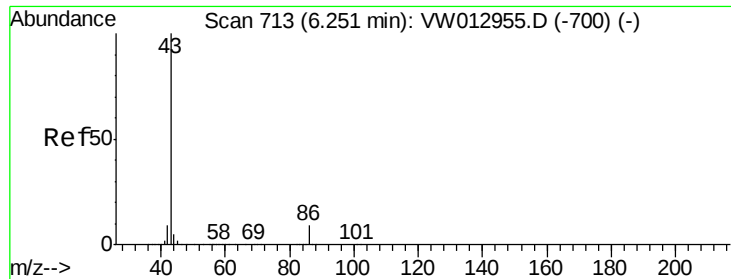
Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Tgt Ion:	45	Resp:	197234
Ion	Ratio	Lower	Upper
45	100		
43	55.4	44.6	67.0
87	24.0	20.0	30.0
59	10.3	8.7	13.1





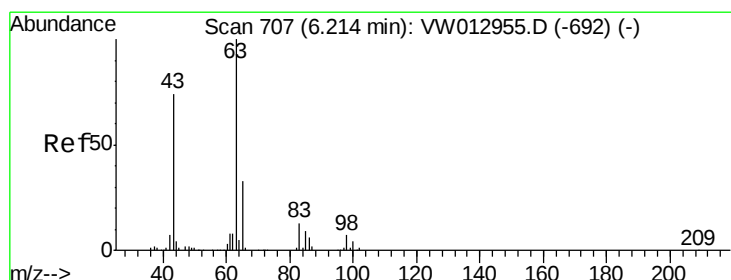
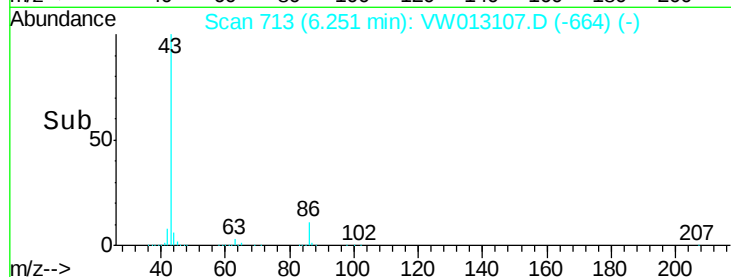
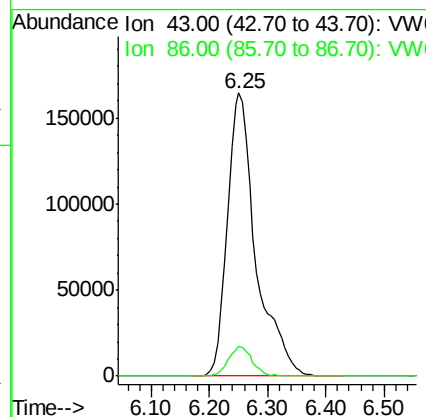
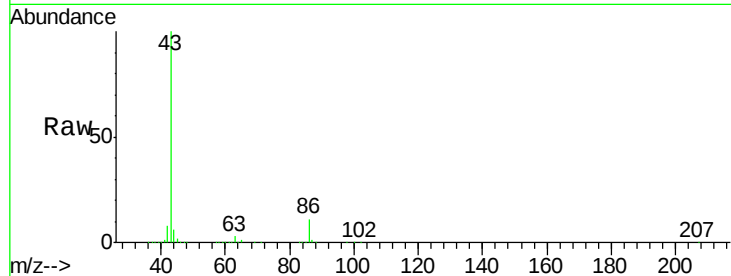
#23
 Vinyl Acetate
 Concen: 93.848 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	560369		
86	10.5		7.0	10.6

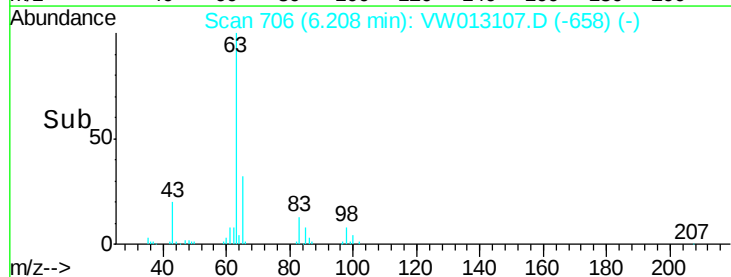
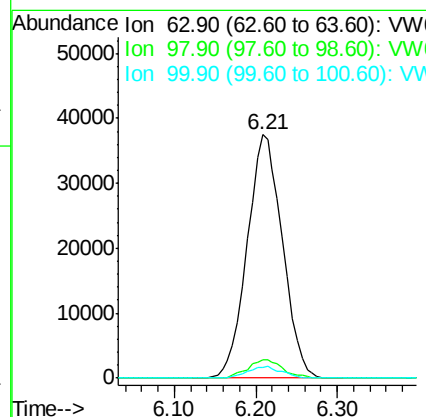
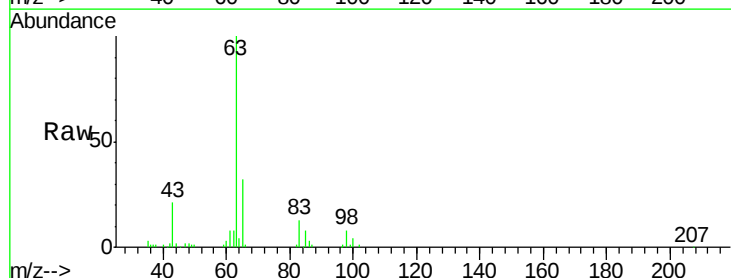
Manual Integrations
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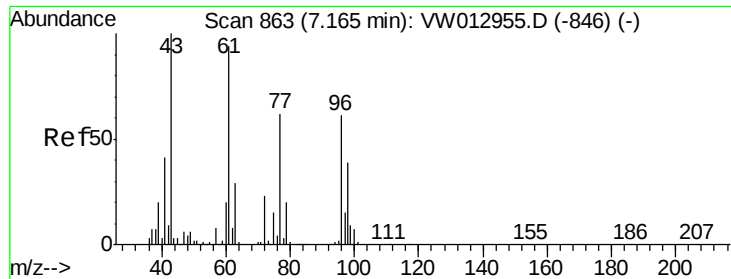
MMDadoda
 9/19/2019 11:22:14 AM



#24
 1,1-Dichloroethane
 Concen: 19.556 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	112407		
98	7.8		3.3	9.9
100	4.3		1.8	5.5





#25

2-Butanone

Concen: 91.446 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 43 Resp: 98348

Ion Ratio Lower Upper

43 100

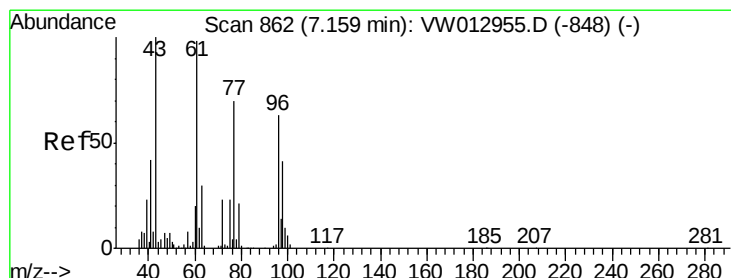
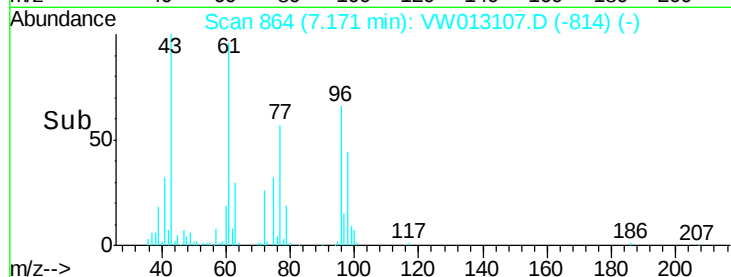
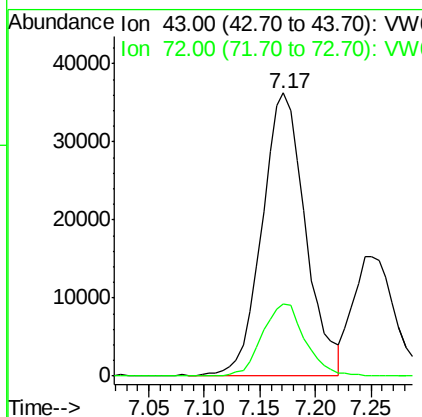
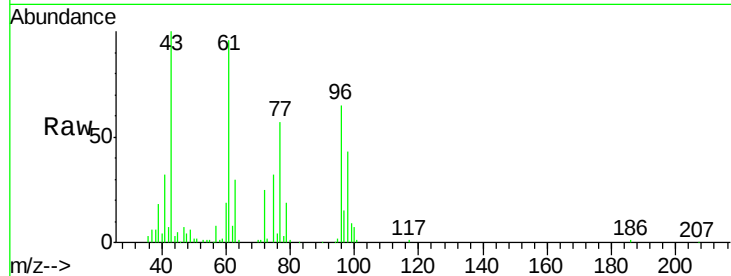
72 25.5 18.2 27.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.513 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013107.D

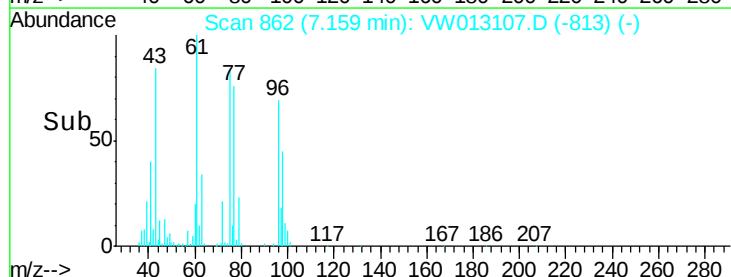
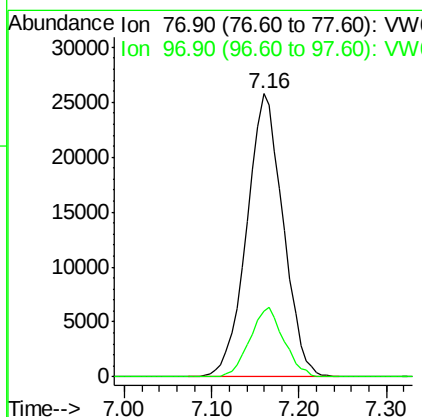
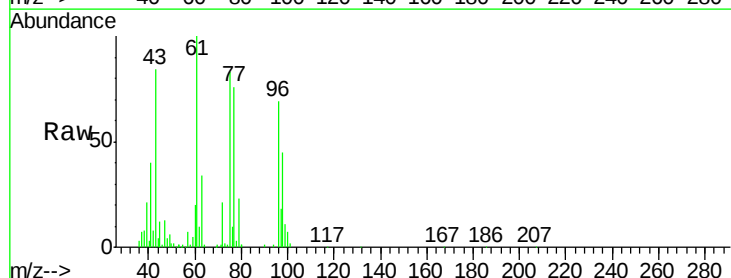
Acq: 18 Sep 2019 12:35

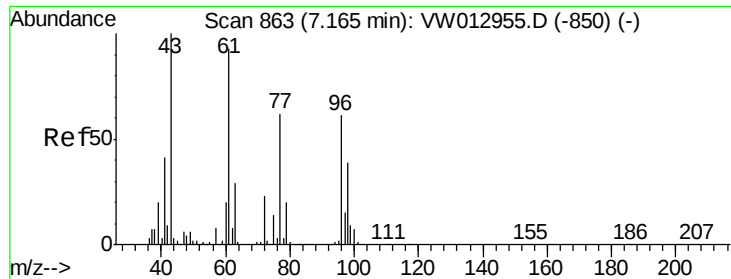
Tgt Ion: 77 Resp: 74163

Ion Ratio Lower Upper

77 100

97 22.8 10.7 32.1





#27

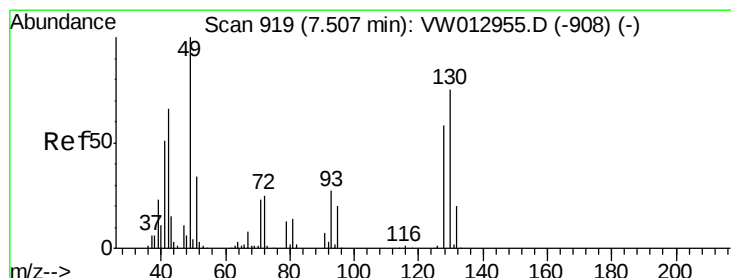
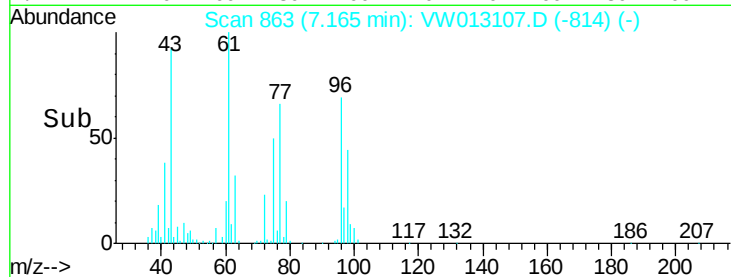
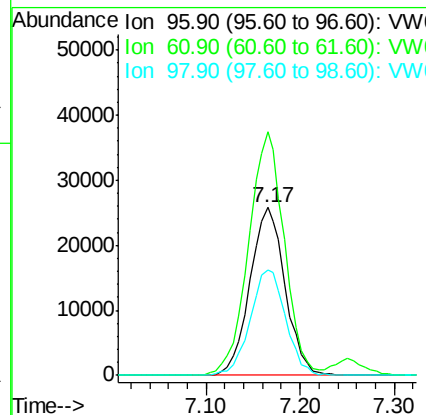
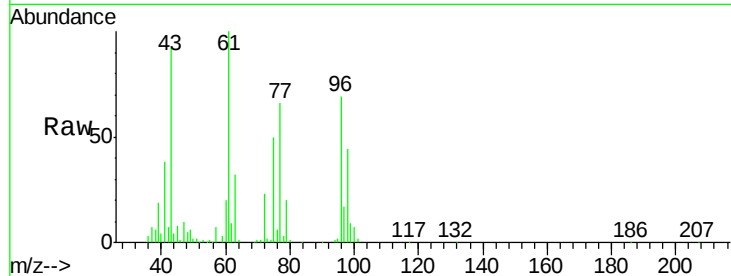
cis-1,2-Dichloroethene
 Concen: 20.857 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.6	0.0	315.4
98	63.1	0.0	131.0

Manual Integrations
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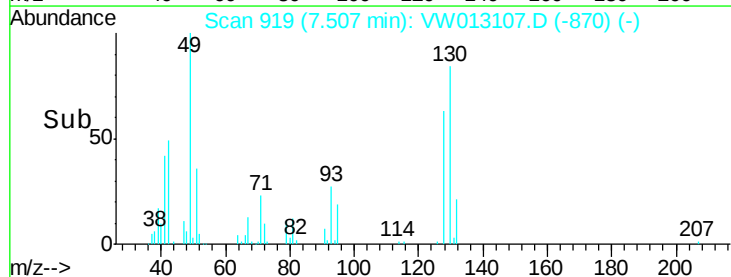
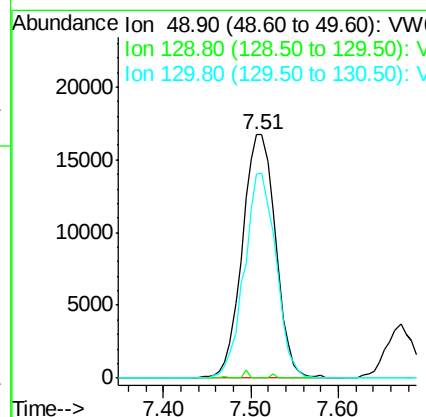
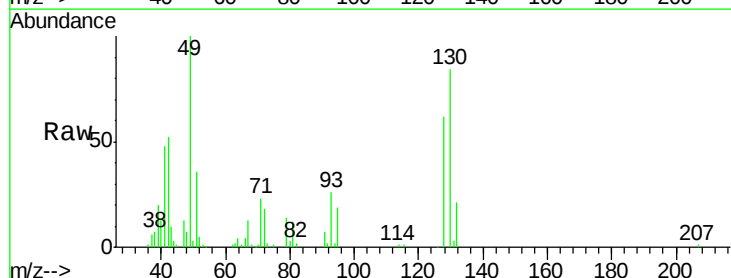
MMDadoda
 9/19/2019 11:22:14 AM

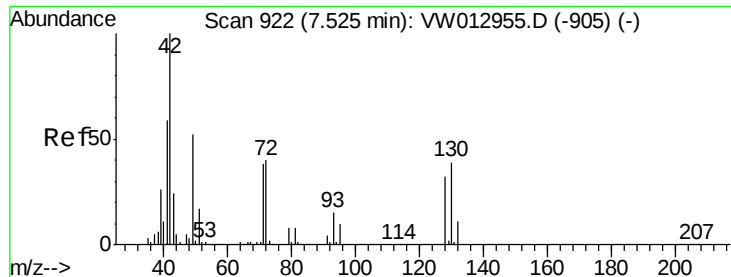


#28

Bromochloromethane
 Concen: 18.317 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.2	0.0	1.4
130	79.6	57.8	86.6





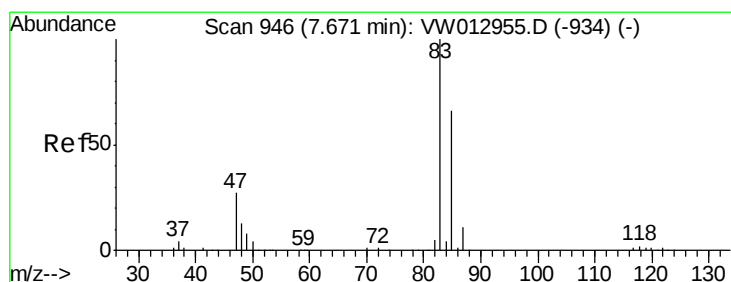
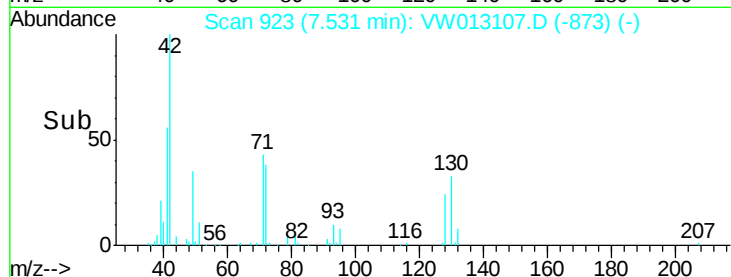
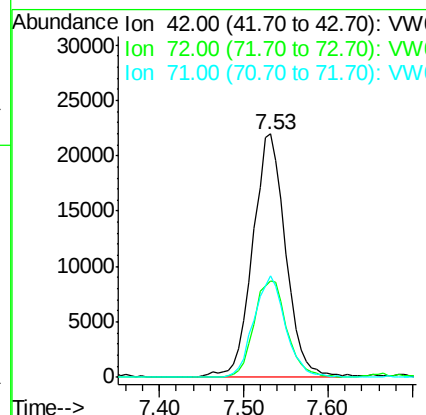
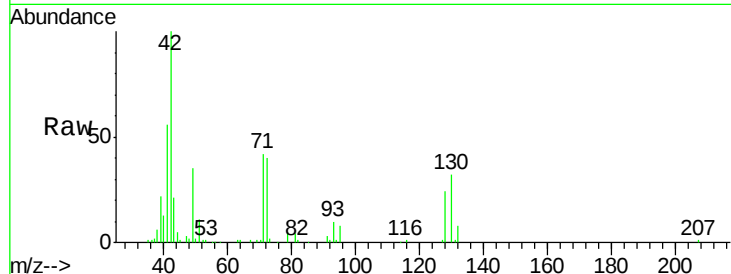
#29
Tetrahydrofuran
Concen: 95.242 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	31.4	47.0
71	40.0	29.8	44.8

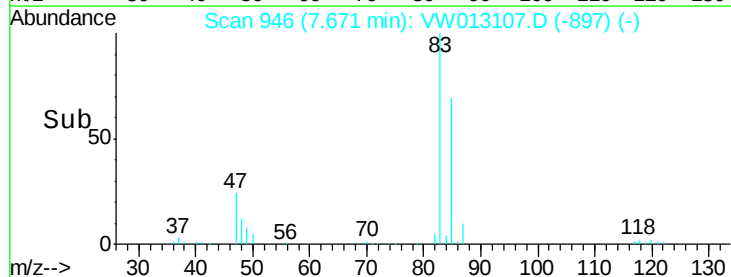
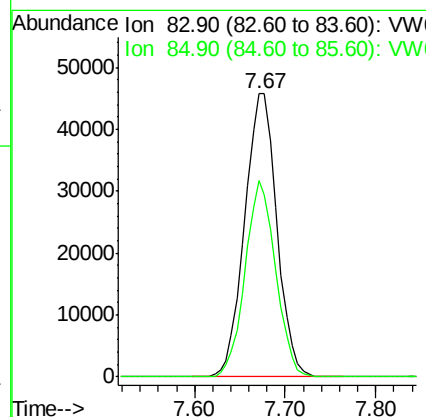
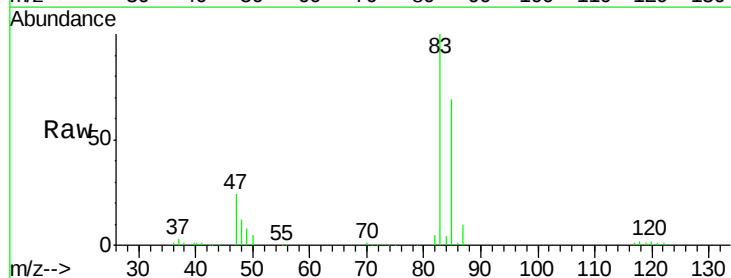
Manual Integrations
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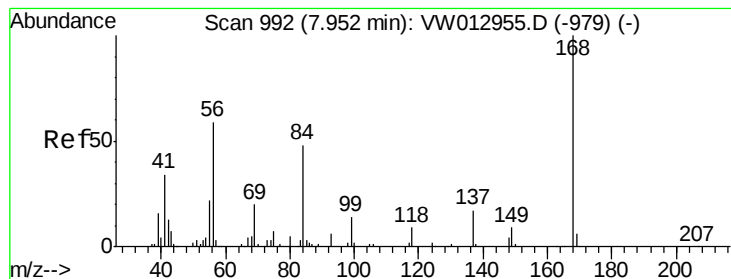
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#30
Chloroform
Concen: 19.280 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.2	52.8	79.2





#31

Cyclohexane

Concen: 20.135 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

ClientSampleID :

VW0918SBSD01

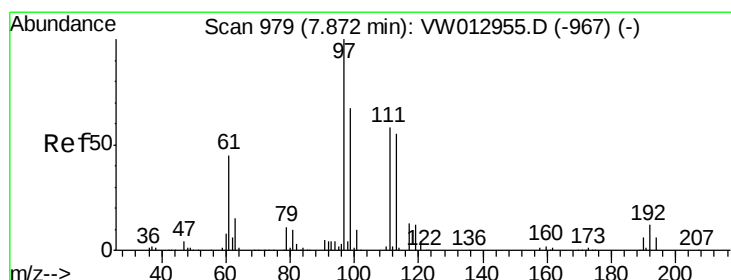
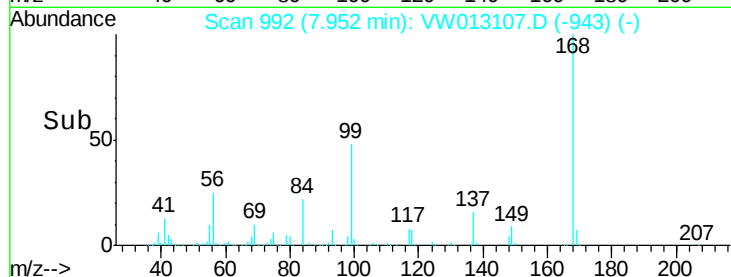
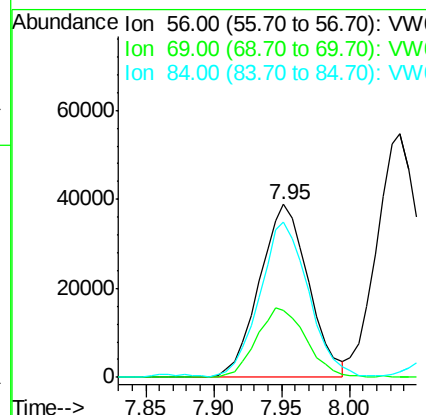
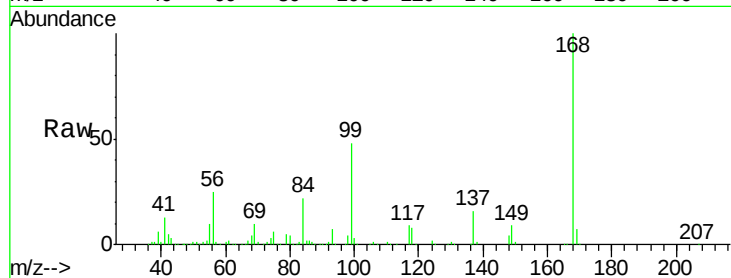
Tot Ion: 56 Resp: 97836

Ion	Ratio	Lower	Upper
56	100		
69	39.1	27.0	40.6
84	88.9	66.2	99.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.103 ug/l

RT: 7.87 min Scan# 978

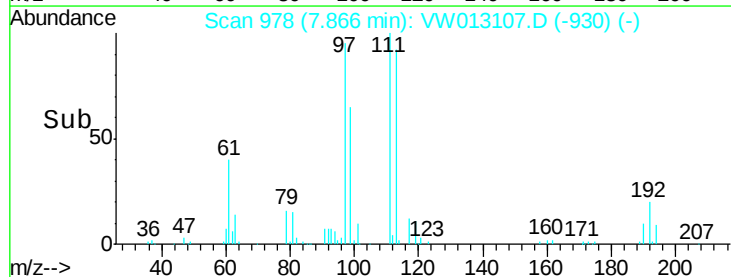
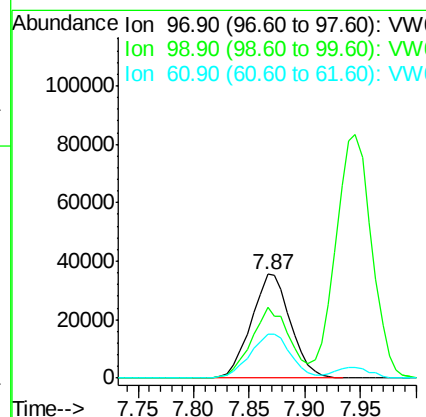
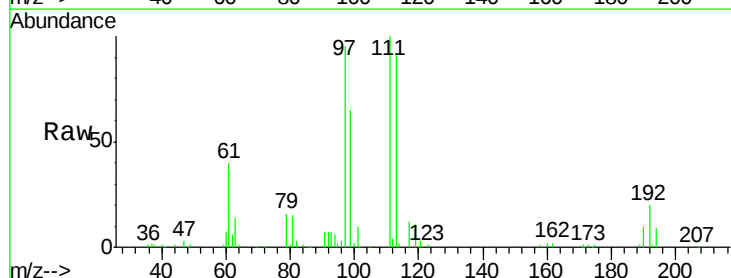
Delta R.T. -0.01 min

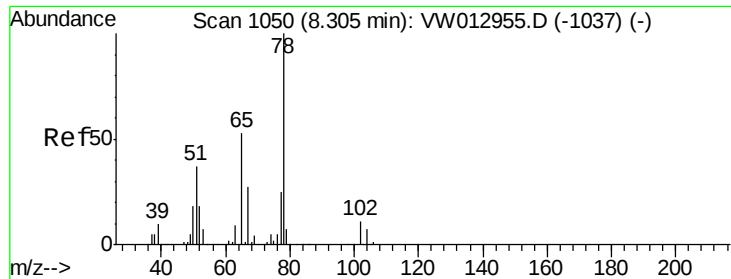
Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Tgt Ion: 97 Resp: 87072

Ion	Ratio	Lower	Upper
97	100		
99	66.6	53.0	79.4
61	43.7	36.5	54.7





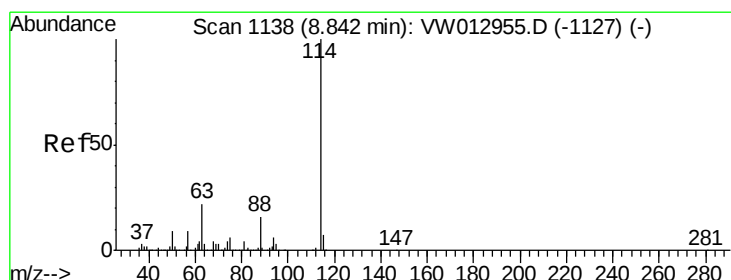
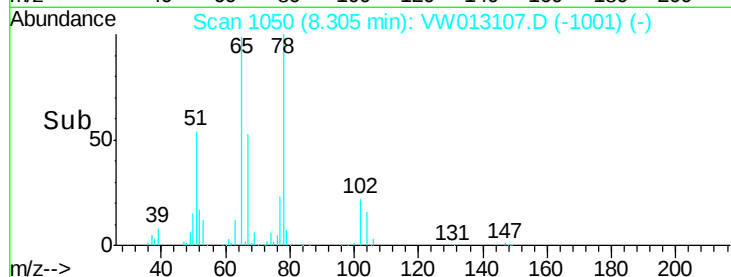
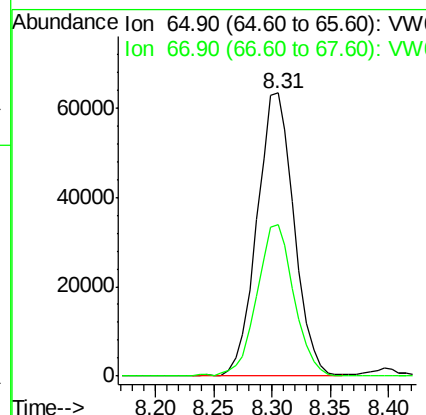
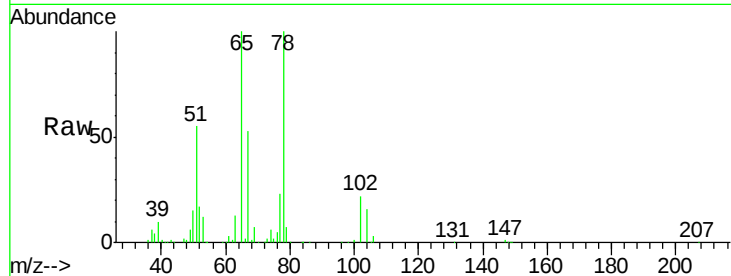
#33
 1,2-Dichloroethane-d4
 Concen: 41.496 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
 MSVOA_W
 ClientSampled :
 VW0918SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.5	0.0	101.2	

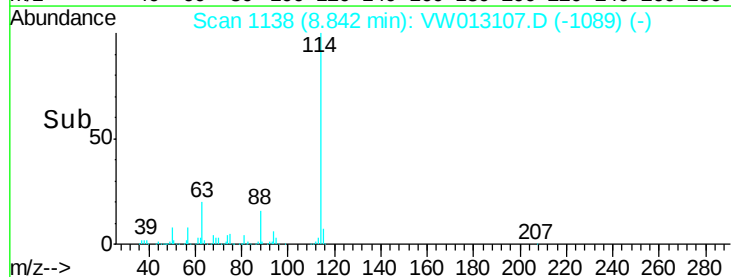
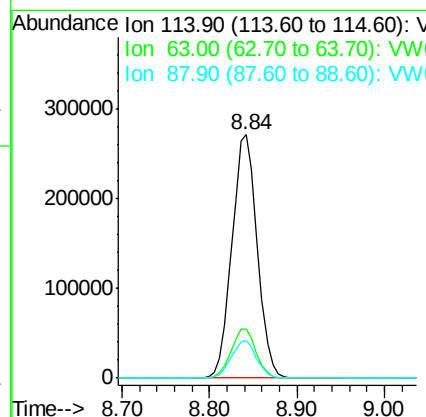
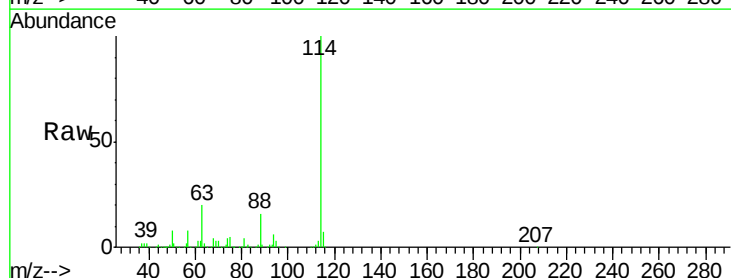
Manual Integrations
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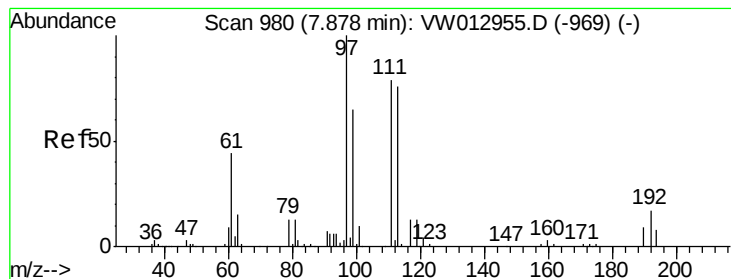
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	20.1	0.0	43.4	
88	15.6	0.0	31.6	





#35

Dibromofluoromethane

Concen: 45.878 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

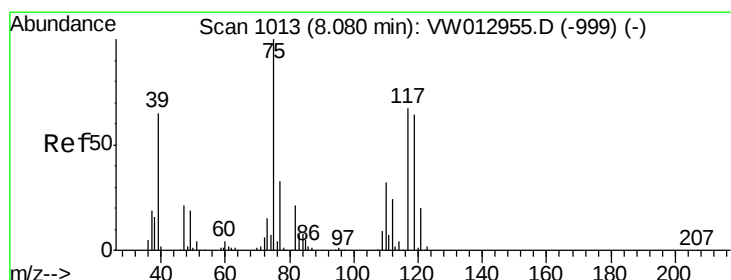
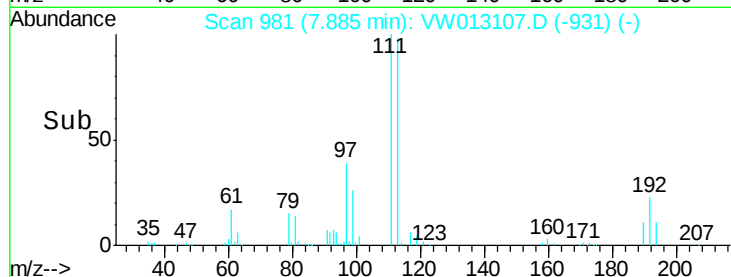
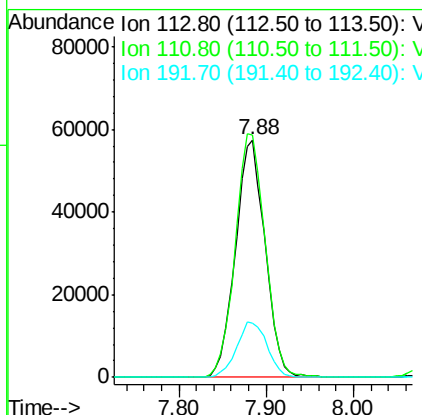
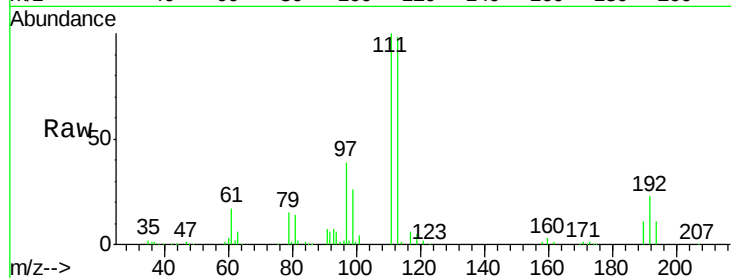
ClientSampleId :

VW0918SBS01

Tot Ion:	113	Resp:	135232
Ion Ratio	Lower	Upper	
113	100		
111	104.1	82.8	124.2
192	24.1	17.8	26.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.296 ug/l

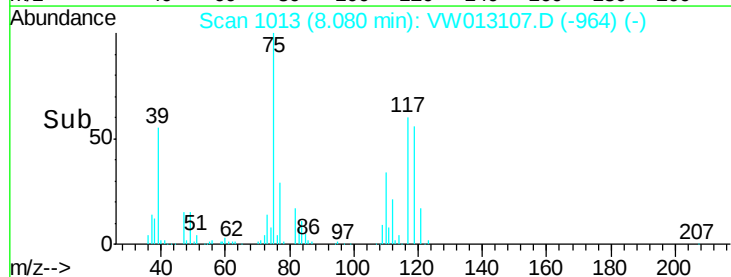
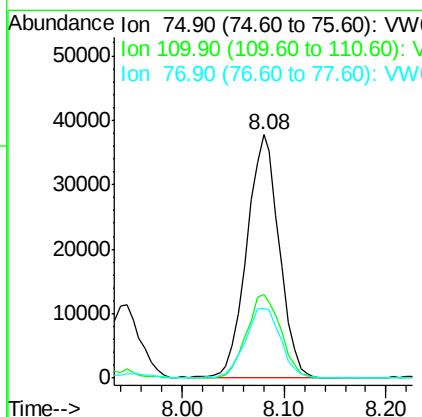
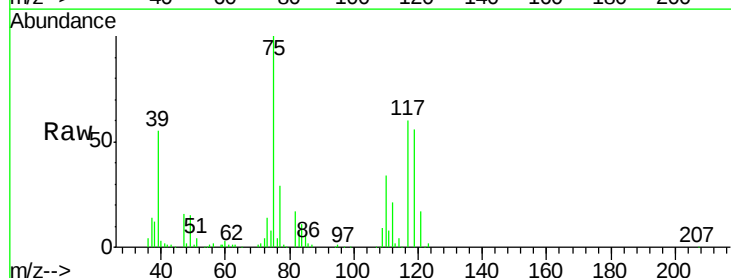
RT: 8.08 min Scan# 1013

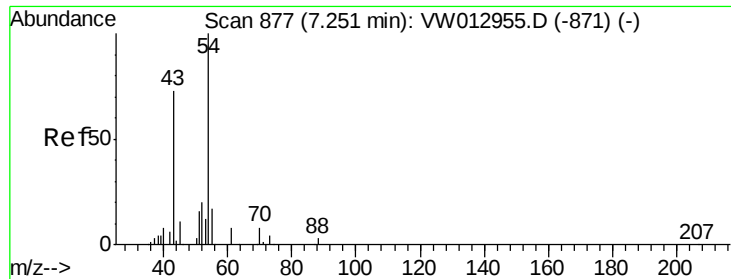
Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Tgt Ion:	75	Resp:	83760
Ion Ratio	Lower	Upper	
75	100		
110	36.0	16.4	49.1
77	31.5	25.1	37.7





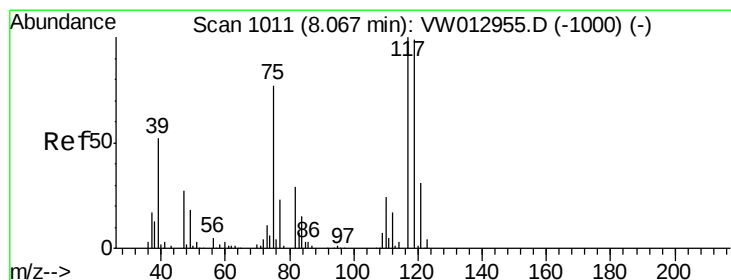
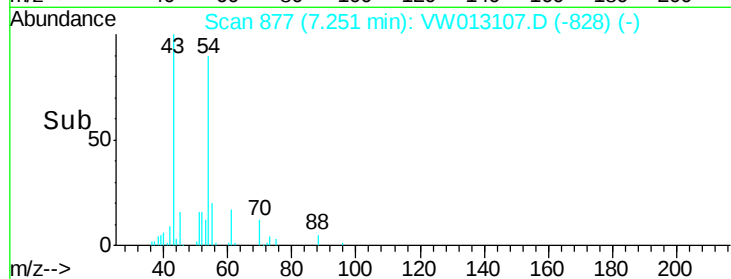
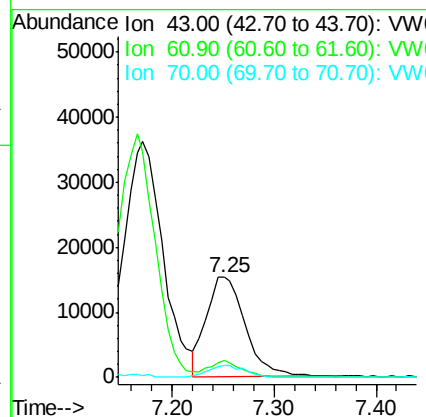
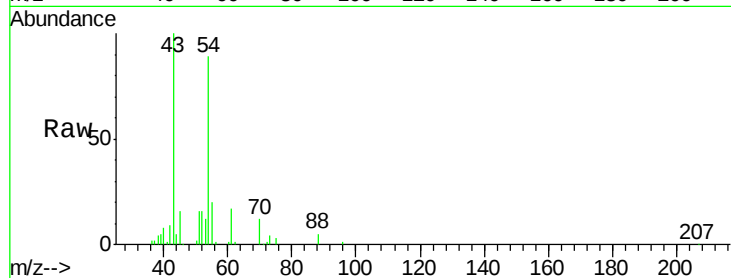
#37
Ethyl Acetate
Concen: 17.678 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	9.6	14.4#
70	11.2	7.6	11.4

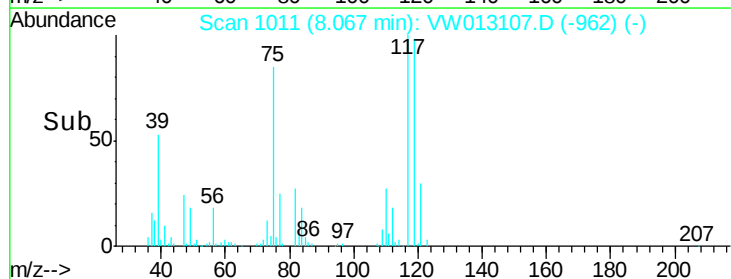
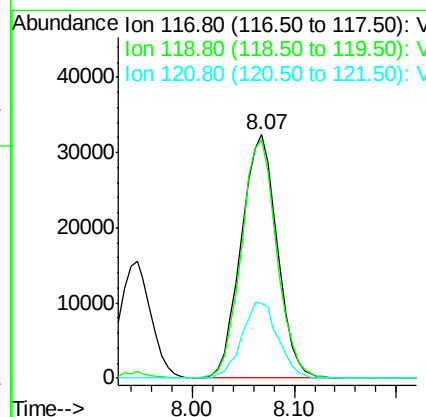
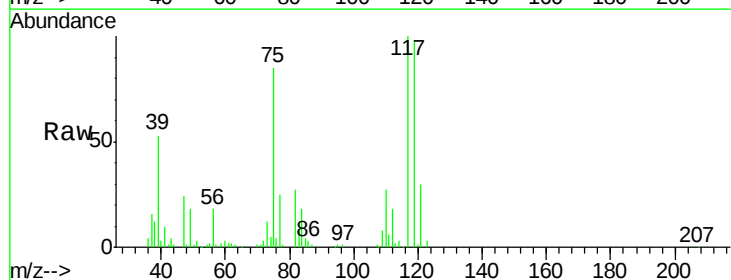
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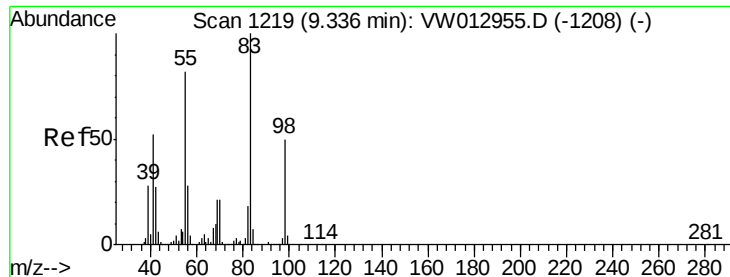
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#38
Carbon Tetrachloride
Concen: 17.893 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.8	79.4	119.0
121	30.5	24.6	36.8





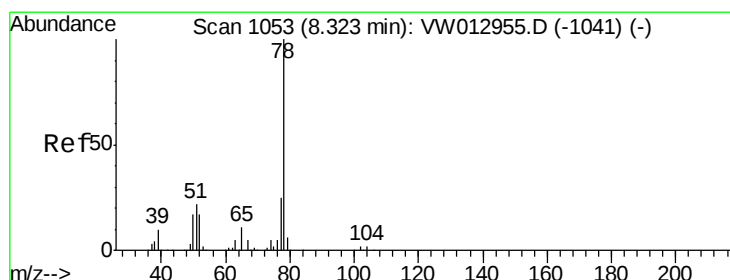
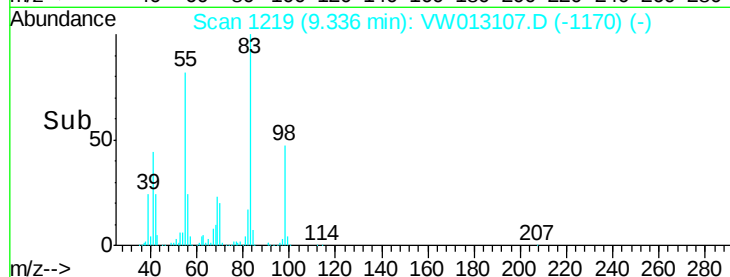
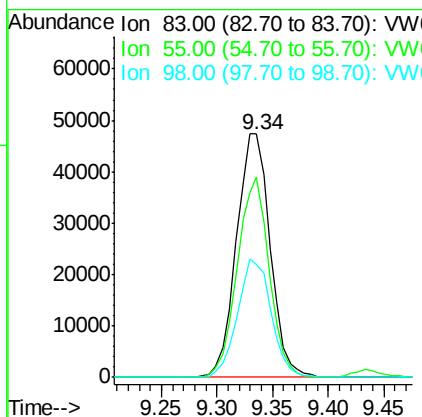
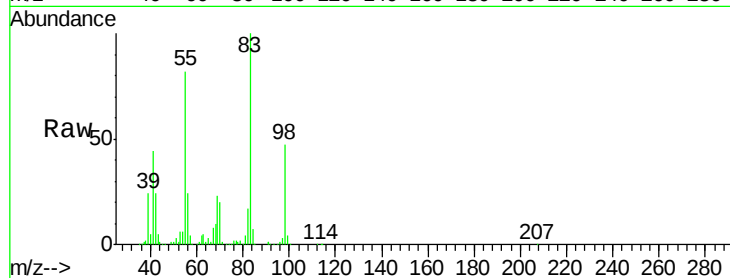
#39
Methvlcvclohexane
Concen: 20.874 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	65.9	98.9
98	46.6	39.6	59.4

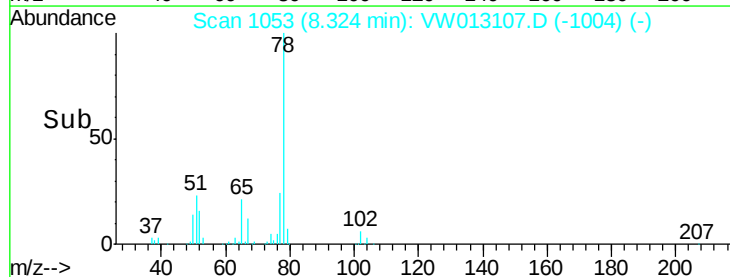
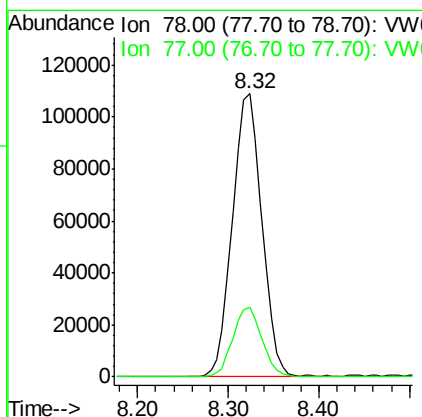
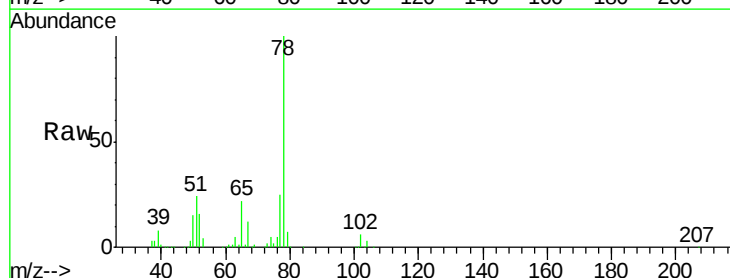
Manual Integrations
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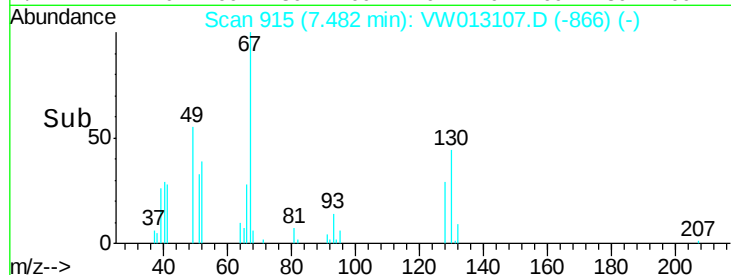
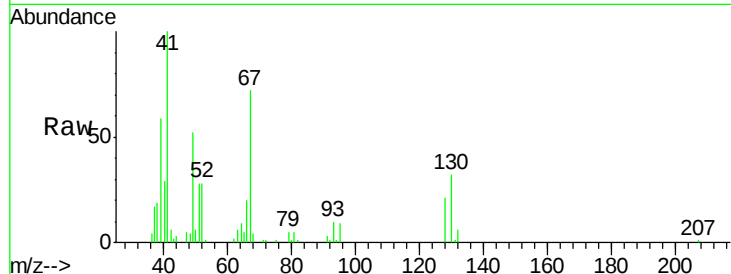
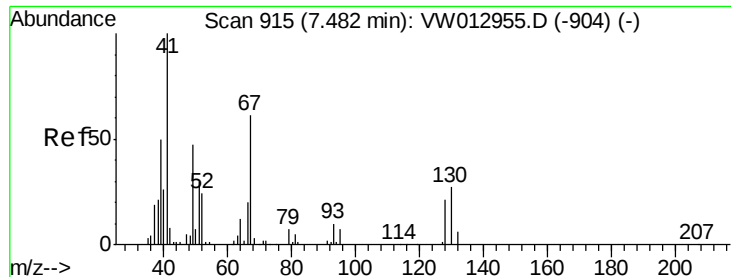
MMDadoda
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#40
Benzene
Concen: 20.317 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	19.6	29.4





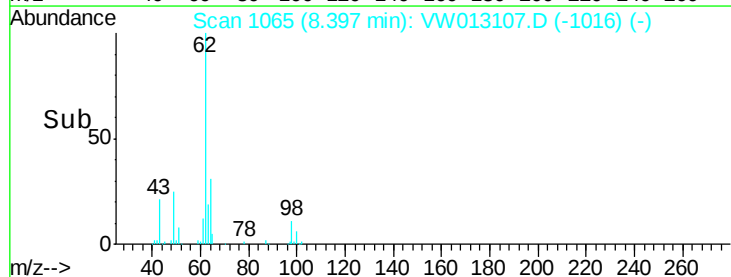
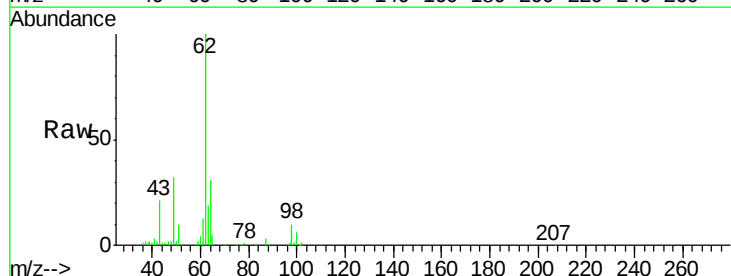
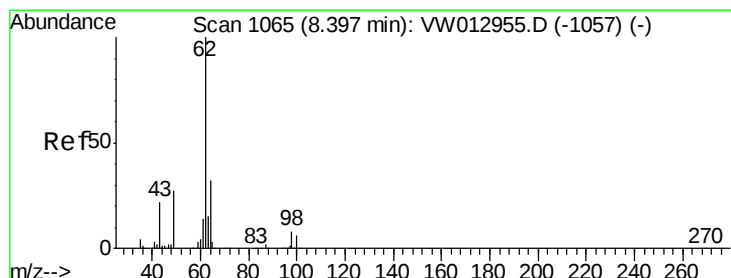
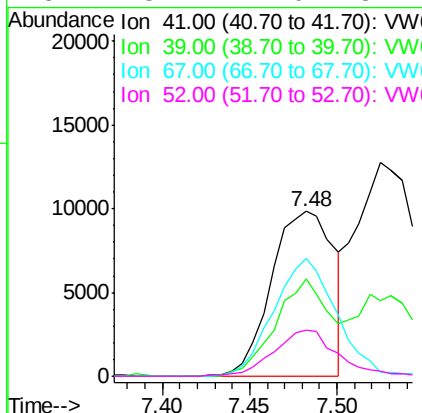
#41
Methacrylonitrile
Concen: 16.088 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tot Ion	41	Resp	24411
Ion Ratio	Lower	Upper	
41	100		
39	50.6	48.2	72.4
67	72.4	47.5	71.3#
52	28.7	21.0	31.4

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

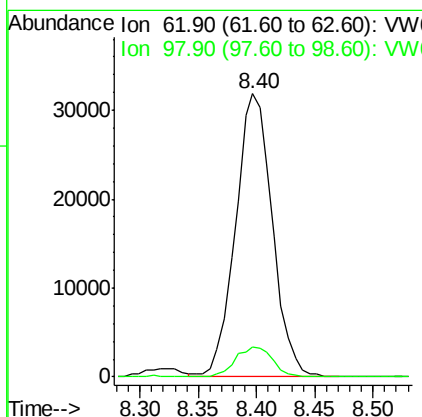
Manual Integrations
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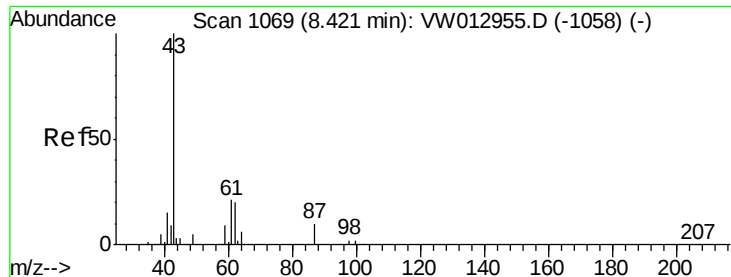
MMDadoda
9/19/2019 11:22:14 AM



#42
1,2-Dichloroethane
Concen: 17.277 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion	62	Resp	70182
Ion Ratio	Lower	Upper	
62	100		
98	10.7	0.0	16.8





#43

Isopropyl Acetate

Concen: 17.770 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

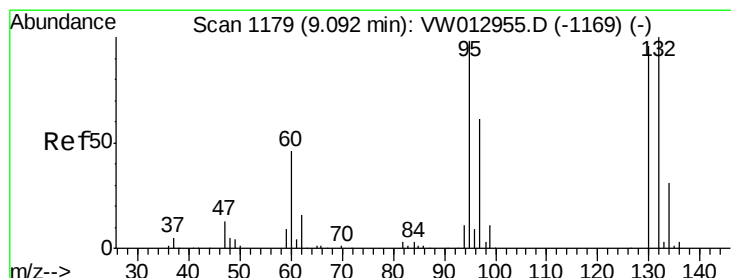
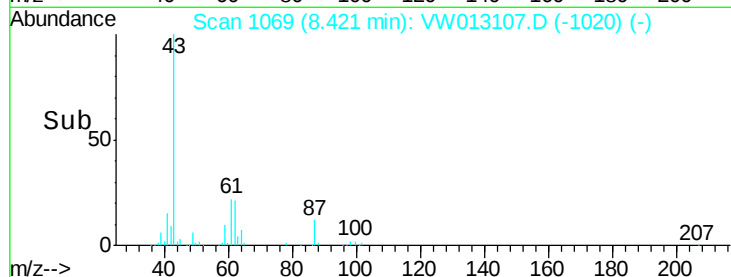
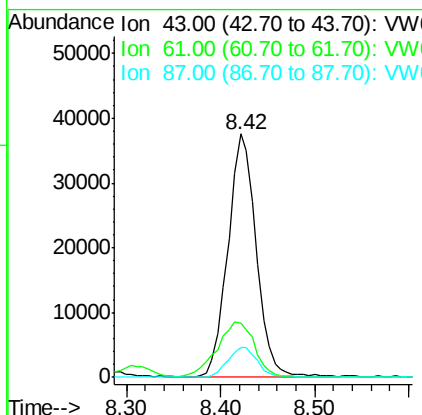
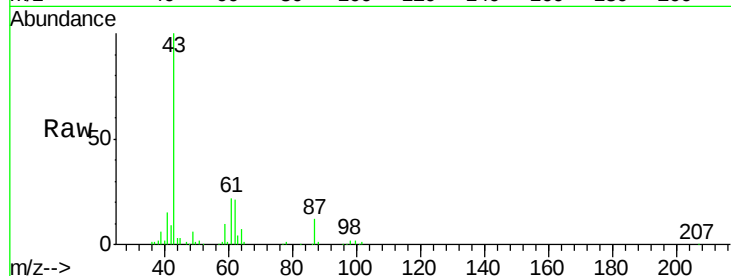
ClientSampleId :

VW0918SBS01

Tot Ion:	43	Resp:	78612
Ion	Ratio	Lower	Upper
43	100		
61	30.3	22.7	34.1
87	12.9	9.4	14.2

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#44

Trichloroethene

Concen: 20.610 ug/l

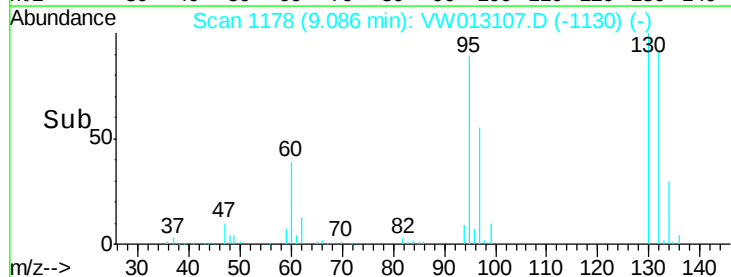
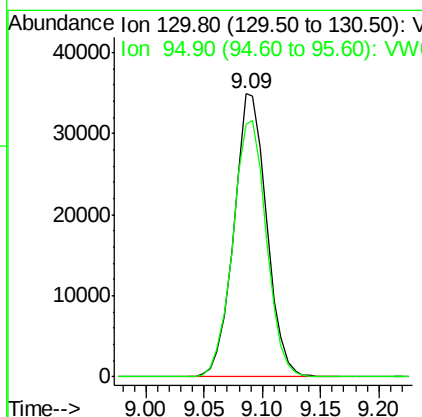
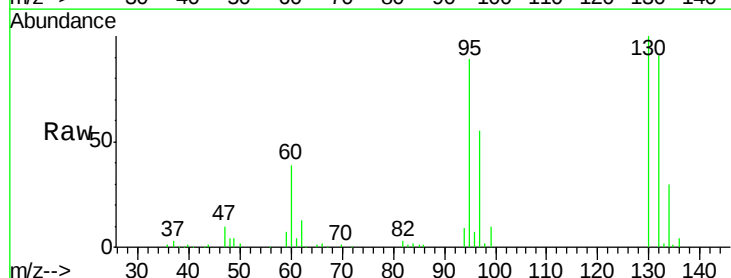
RT: 9.09 min Scan# 1178

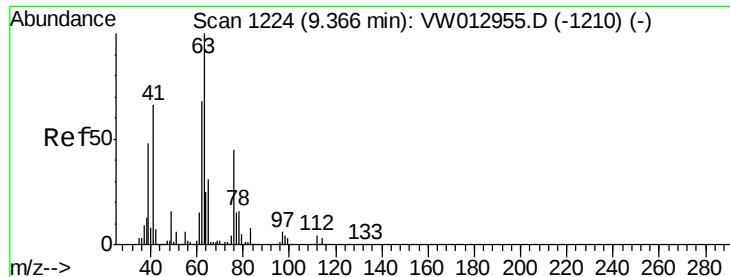
Delta R.T. -0.01 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Tgt Ion:	130	Resp:	68411
Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	204.4





#45

1,2-Dichloropropane

Concen: 20.031 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 63 Resp: 64494

Ion Ratio Lower Upper

63 100

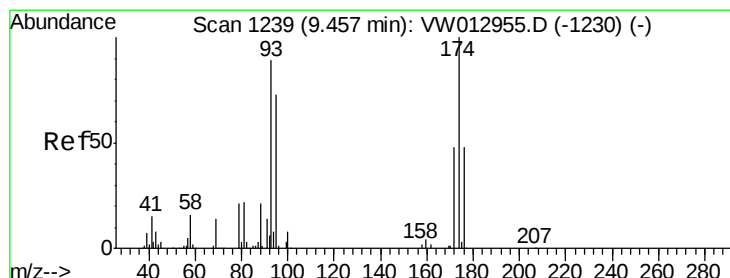
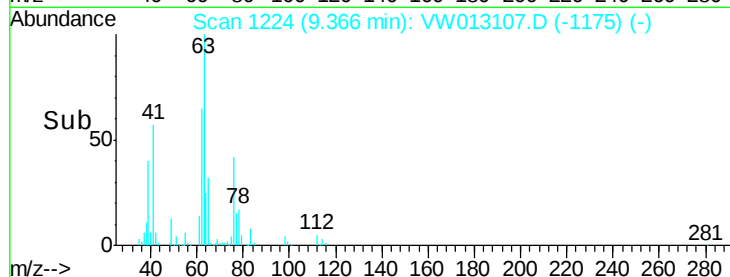
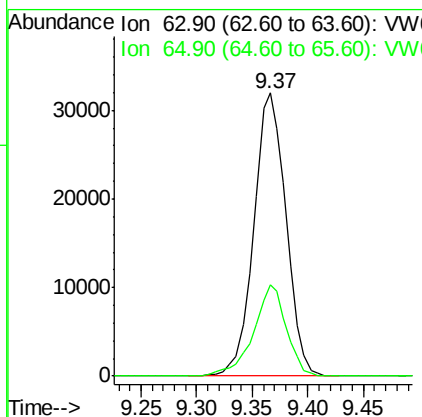
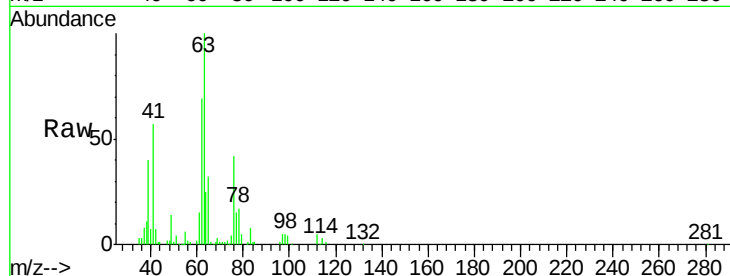
65 32.1 24.6 37.0

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#46

Dibromomethane

Concen: 20.136 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

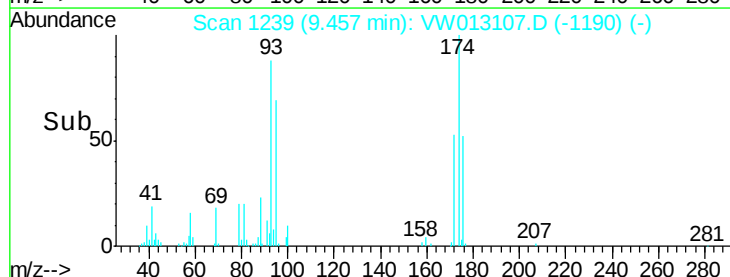
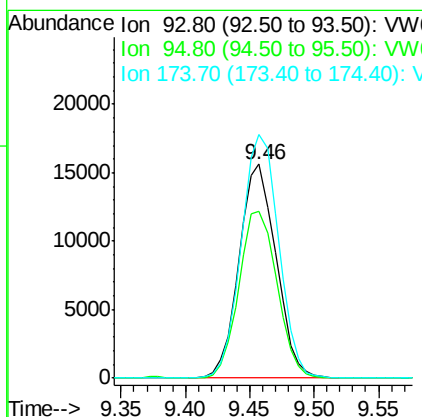
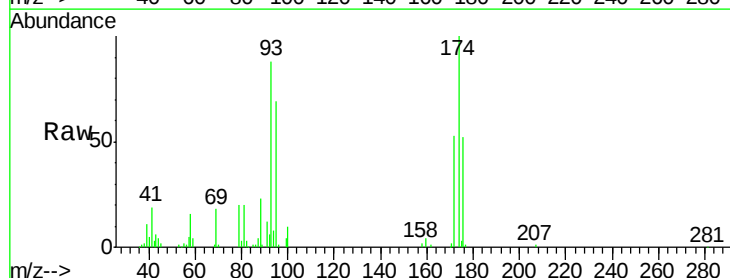
Tgt Ion: 93 Resp: 31060

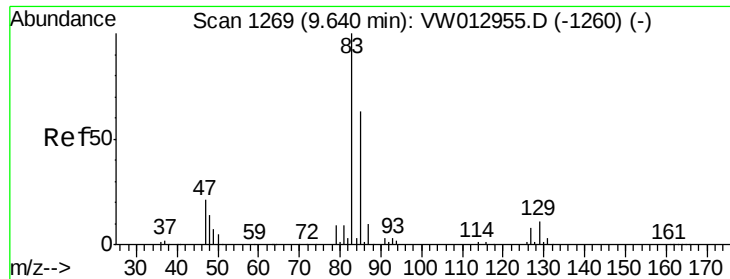
Ion Ratio Lower Upper

93 100

95 80.5 67.0 100.4

174 115.0 90.5 135.7





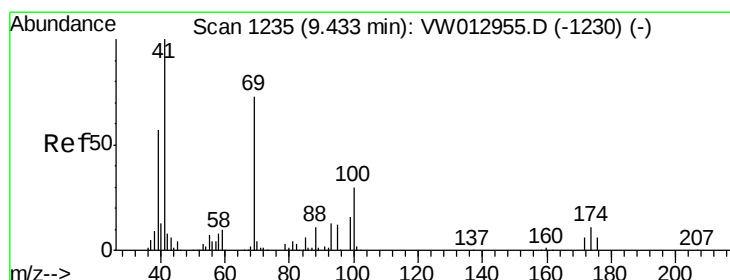
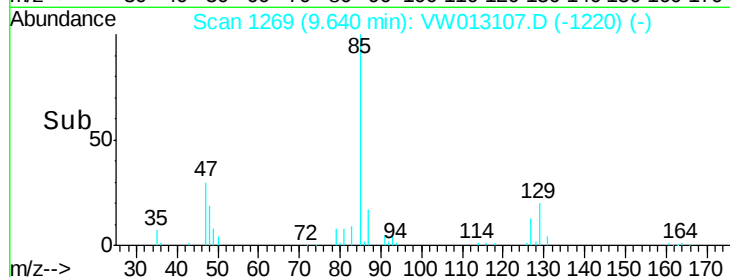
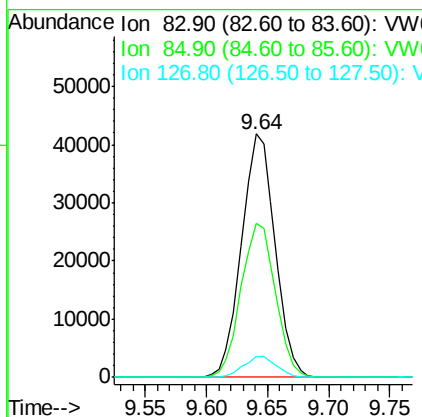
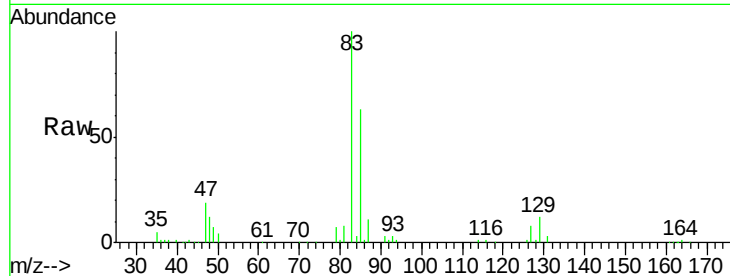
#47
Bromodichloromethane
Concen: 18.422 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion:	83	Resp:	79706
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.6	75.8
127	8.4	6.7	10.1

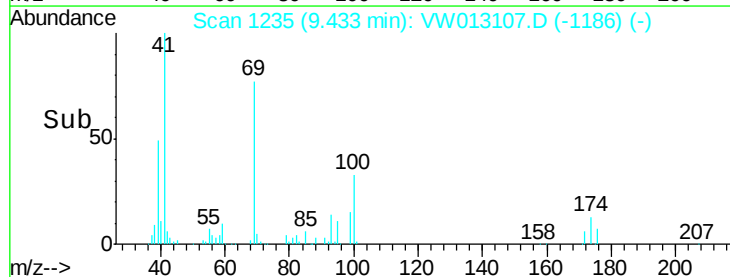
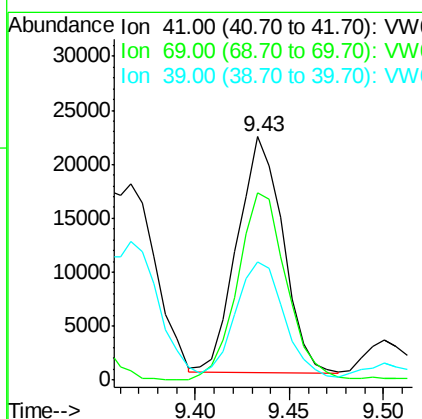
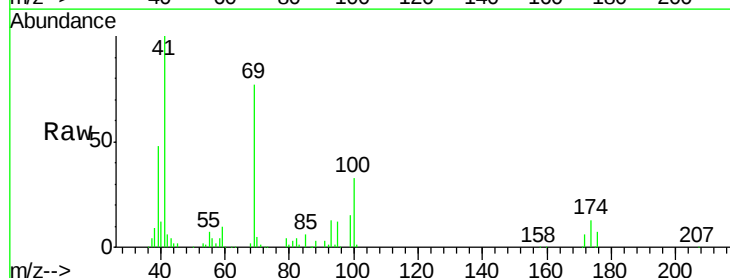
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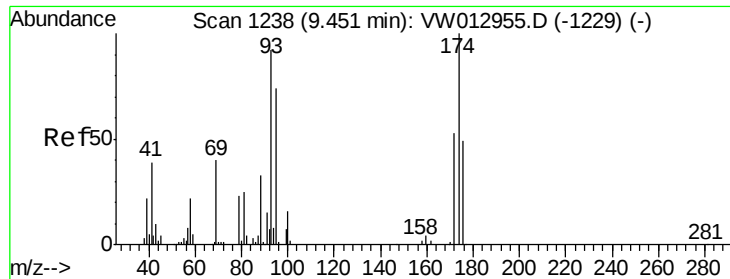
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#48
Methyl methacrylate
Concen: 17.687 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion:	41	Resp:	36723
Ion	Ratio	Lower	Upper
41	100		
69	83.9	62.8	94.2
39	51.8	48.5	72.7





#49

1,4-Dioxane

Concen: 368.749 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

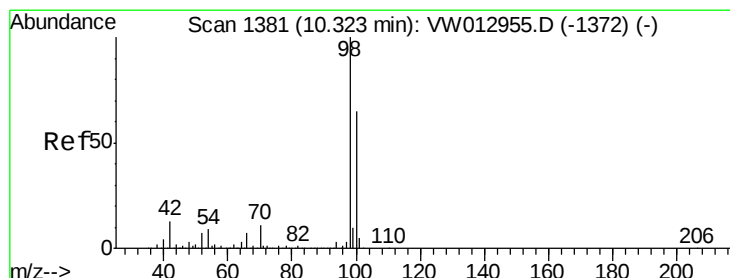
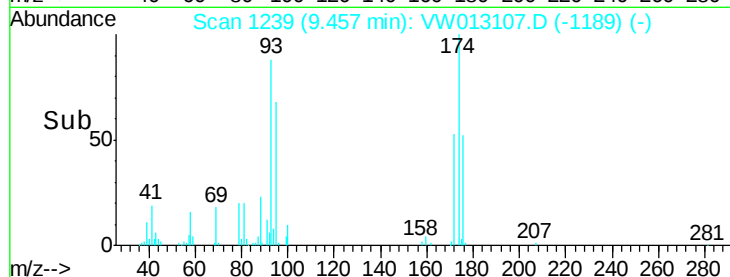
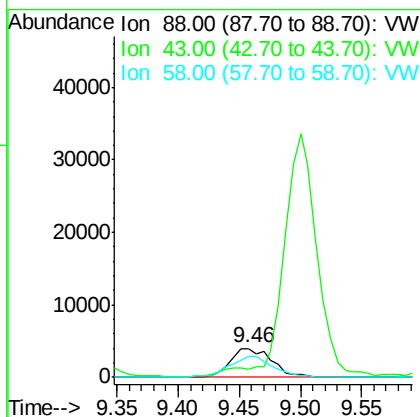
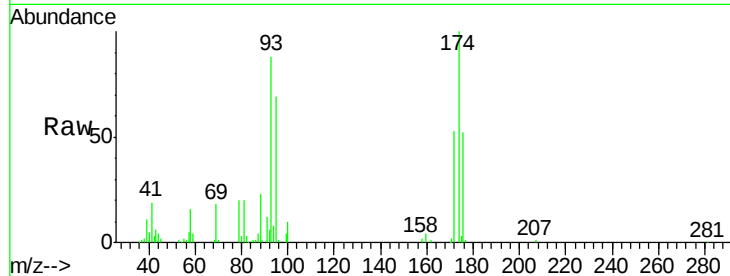
ClientSampleId :

VW0918SBS01

Tot Ion:	88	Resp:	9531
Ion Ratio	Lower	Upper	
88	100		
43	0.0	31.3	46.9#
58	76.4	60.2	90.2

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#50

Toluene-d8

Concen: 47.899 ug/l

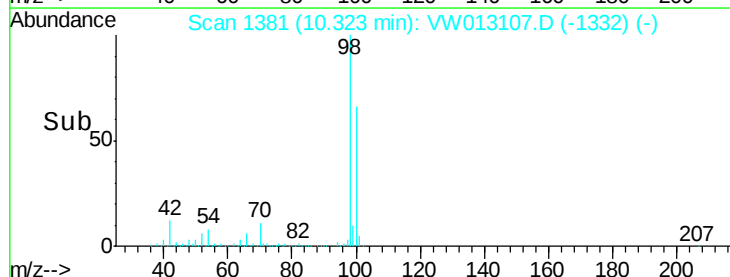
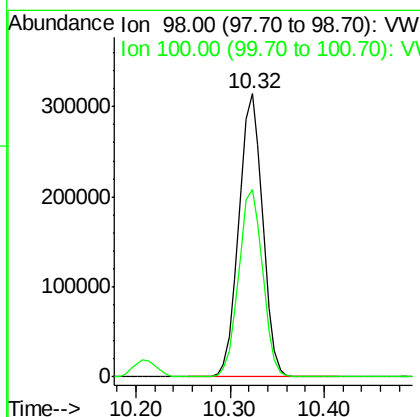
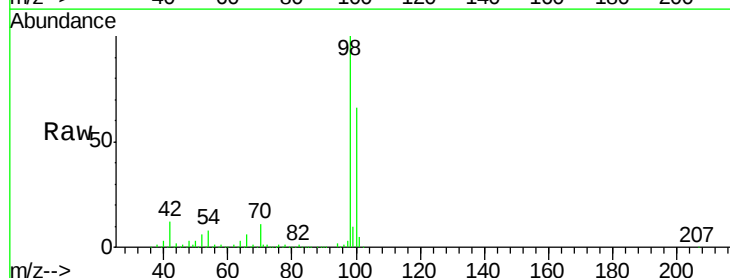
RT: 10.32 min Scan# 1381

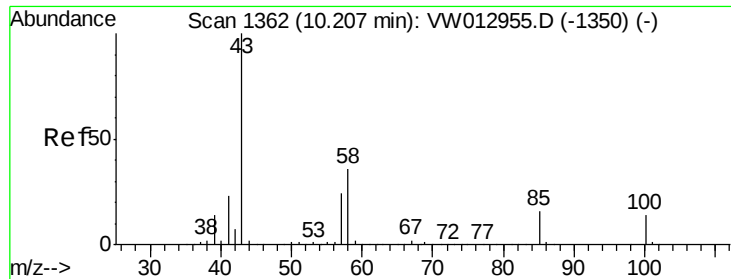
Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Tgt Ion:	98	Resp:	552488
Ion Ratio	Lower	Upper	
98	100		
100	66.9	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 92.202 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

ClientSampleID :

VW0918SBS01

Tot Ion: 43 Resp: 210586

Ion Ratio Lower Upper

43 100

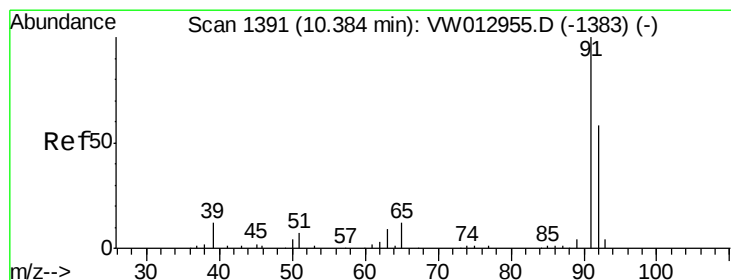
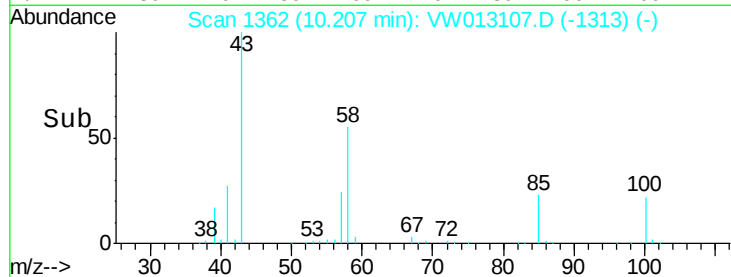
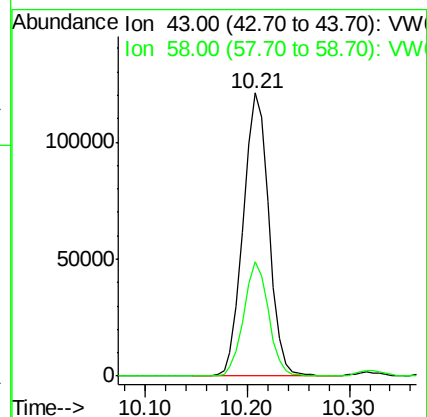
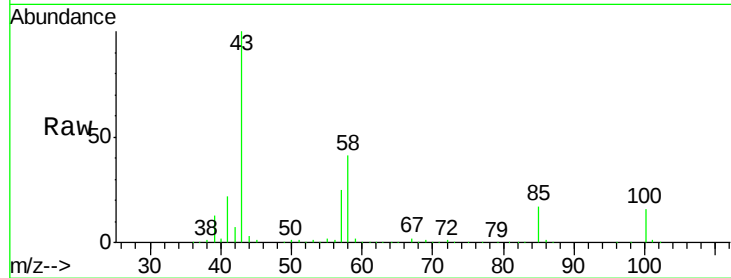
58 39.2 29.5 44.3

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#52

Toluene

Concen: 20.444 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW013107.D

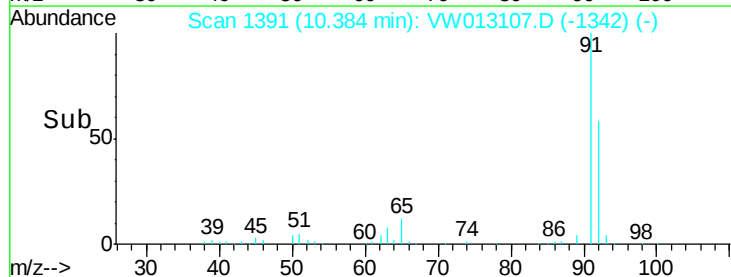
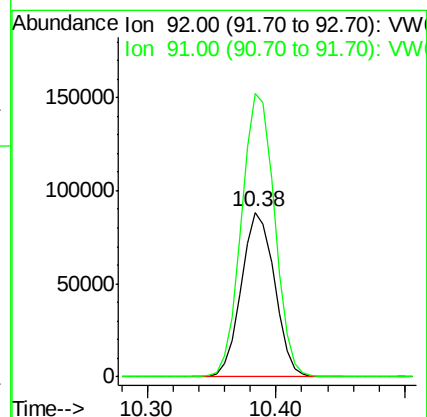
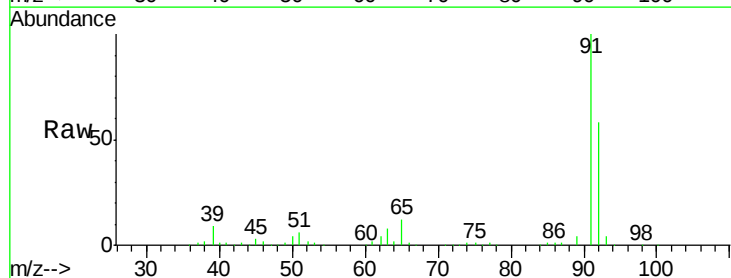
Acq: 18 Sep 2019 12:35

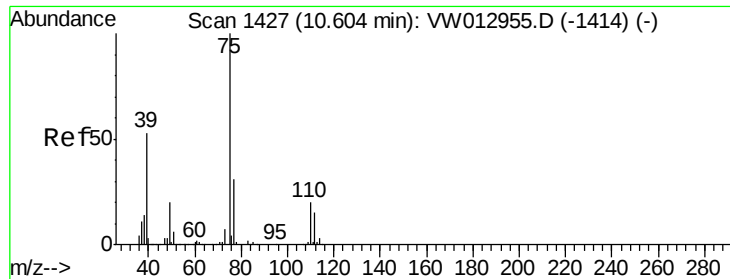
Tgt Ion: 92 Resp: 157426

Ion Ratio Lower Upper

92 100

91 172.3 137.5 206.3





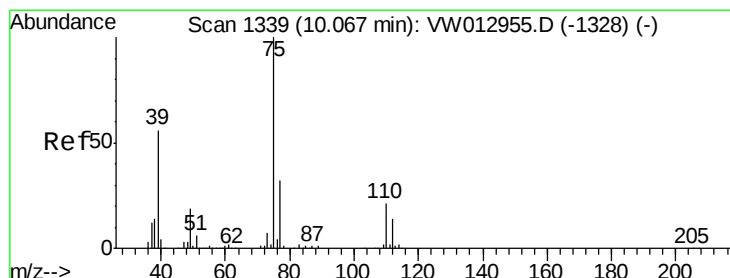
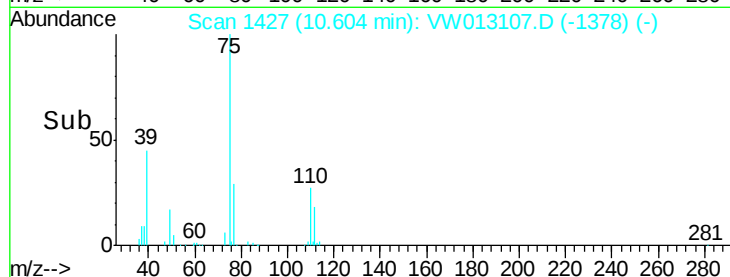
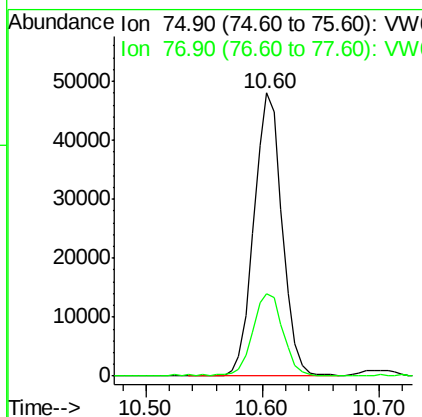
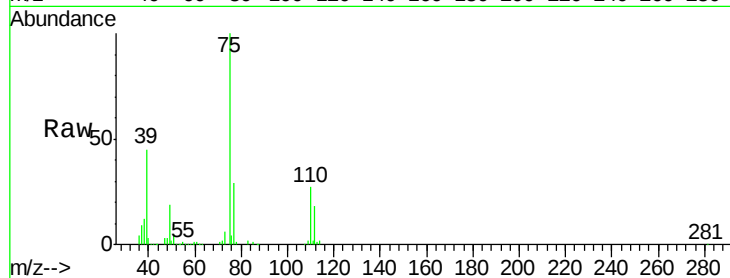
#53
 t-1,3-Dichloropropene
 Concen: 18.664 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.7	24.6	37.0

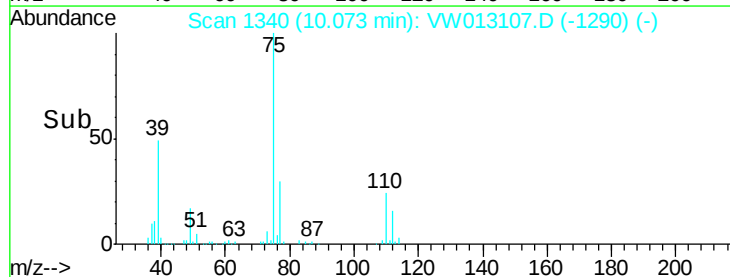
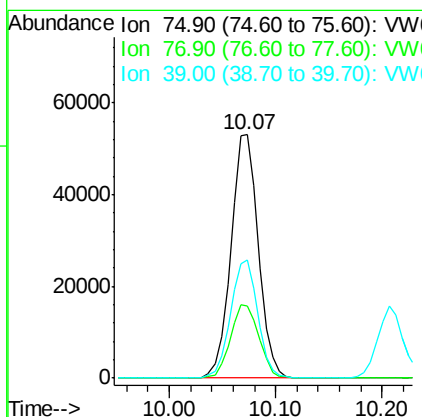
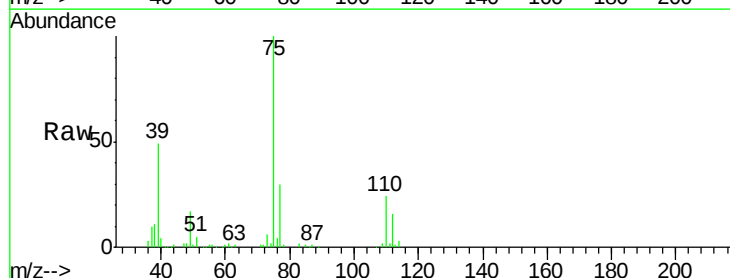
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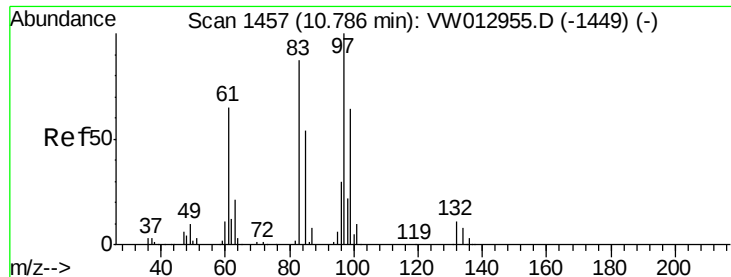
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#54
 cis-1,3-Dichloropropene
 Concen: 19.193 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.8	25.5	38.3
39	48.5	45.0	67.6





#55

1,1,2-Trichloroethane

Concen: 20.579 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion: 97 Resp: 48359

Ion Ratio Lower Upper

97 100

83 84.3 69.4 104.0

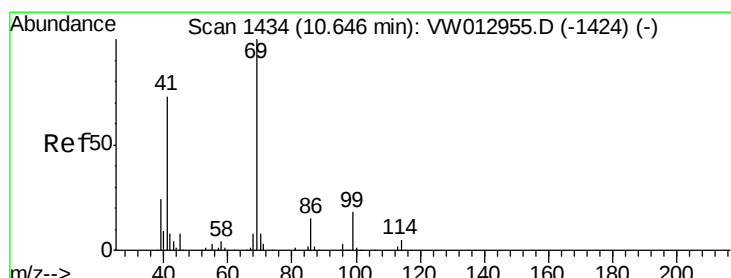
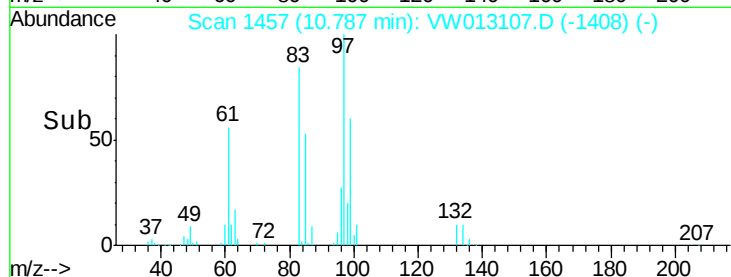
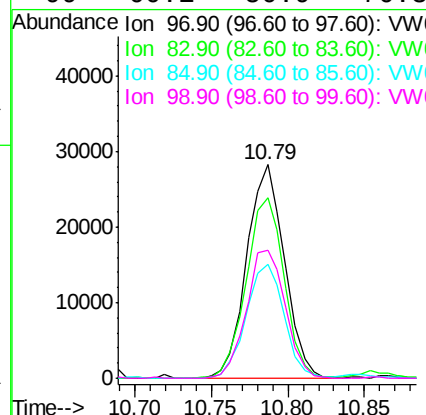
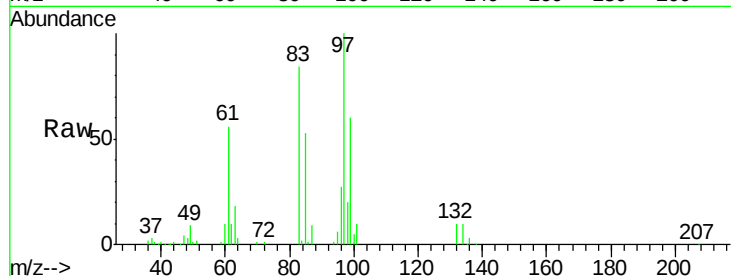
85 53.5 43.3 64.9

99 60.1 50.9 76.3

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#56

Ethyl methacrylate

Concen: 19.475 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

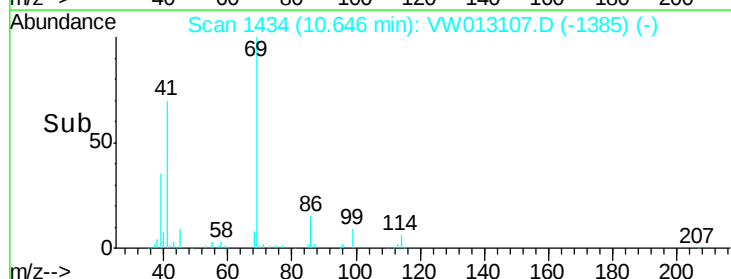
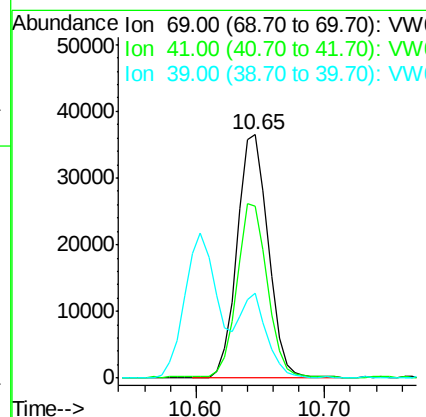
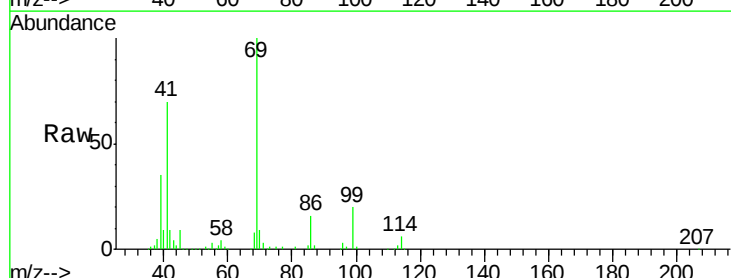
Tgt Ion: 69 Resp: 61599

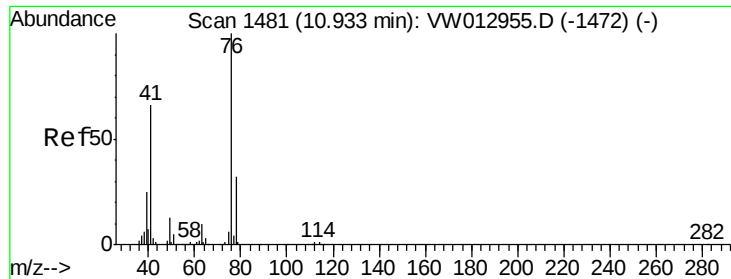
Ion Ratio Lower Upper

69 100

41 71.9 60.8 91.2

39 30.0 29.4 44.0





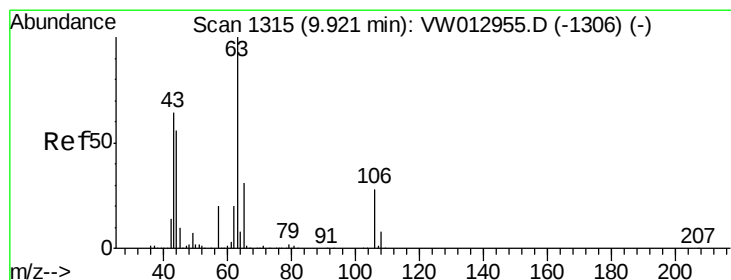
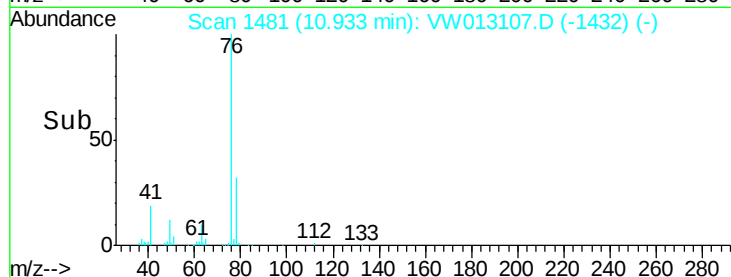
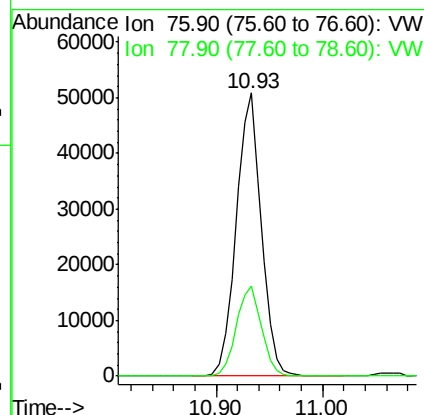
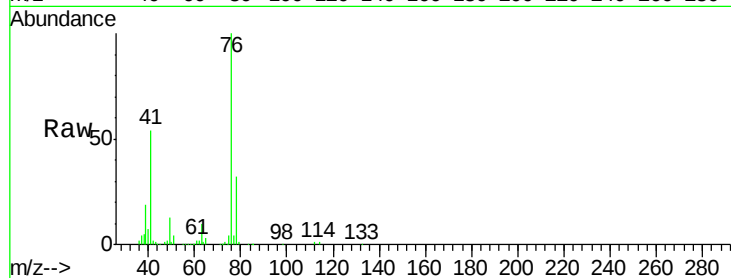
#57
 1,3-Dichloropropane
 Concen: 20.055 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.6	38.4

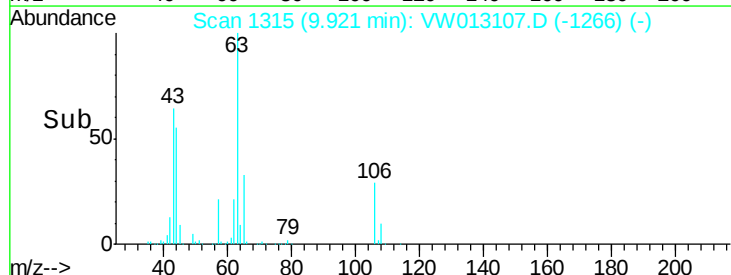
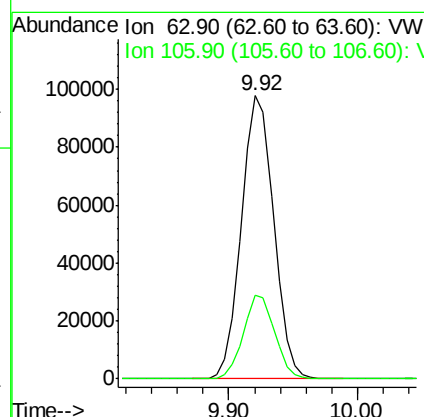
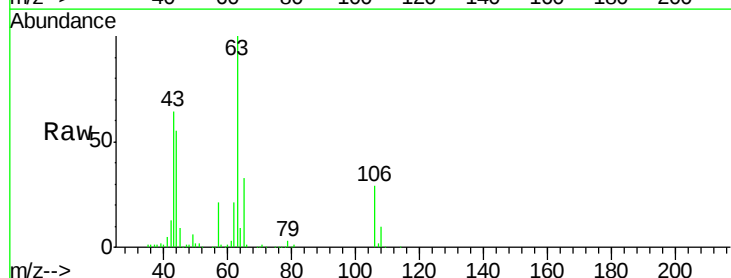
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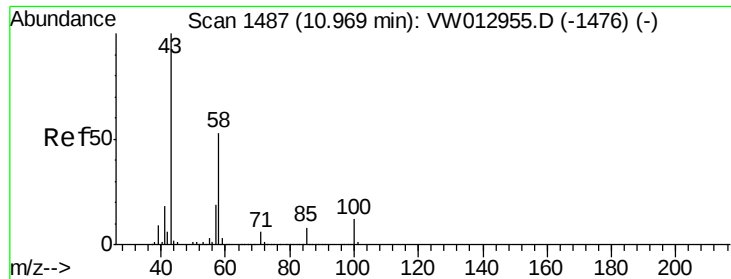
MMDadoda
 9/19/2019 11:22:14 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.048 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.2	33.2





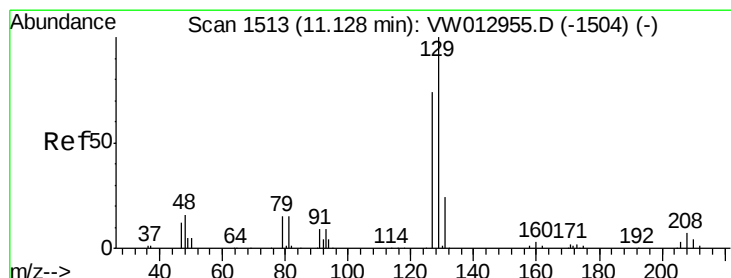
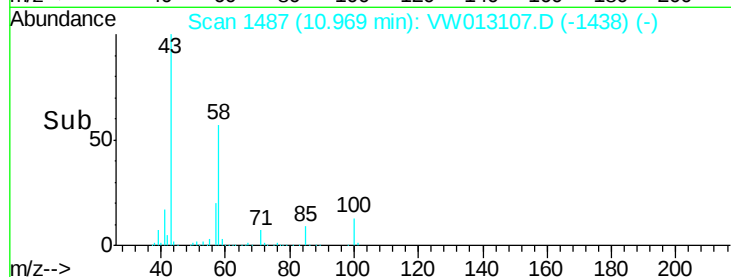
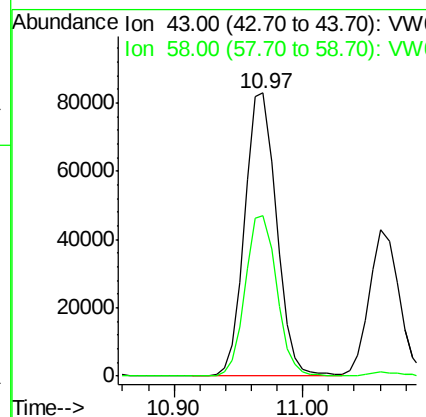
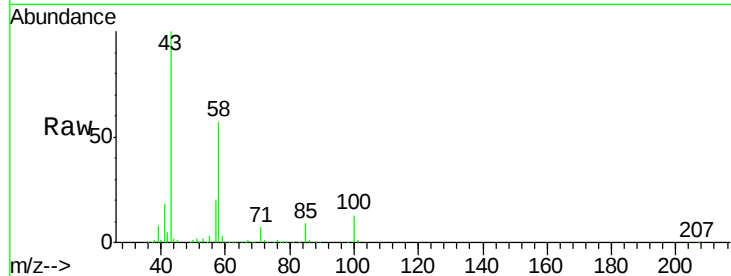
#59
2-Hexanone
Concen: 89.135 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion: 43 Resp: 141756
Ion Ratio Lower Upper
43 100
58 56.2 25.8 77.3

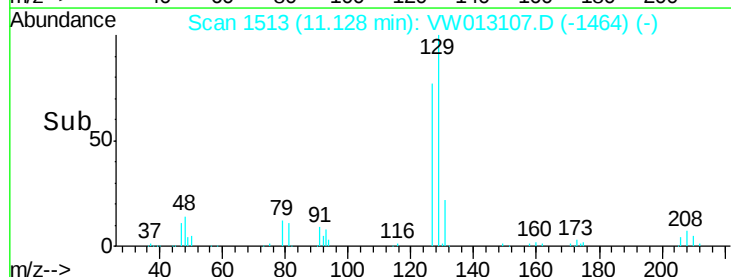
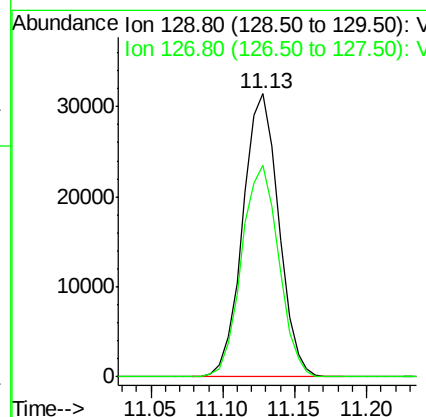
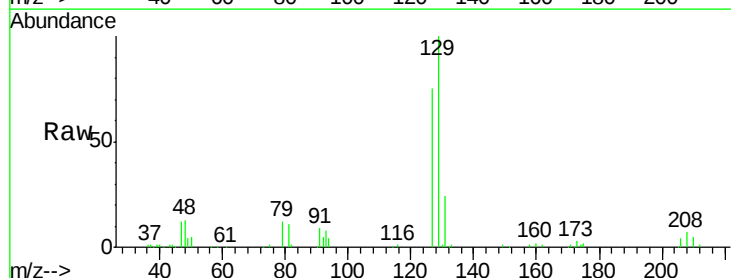
Manual Integrations
APPROVED

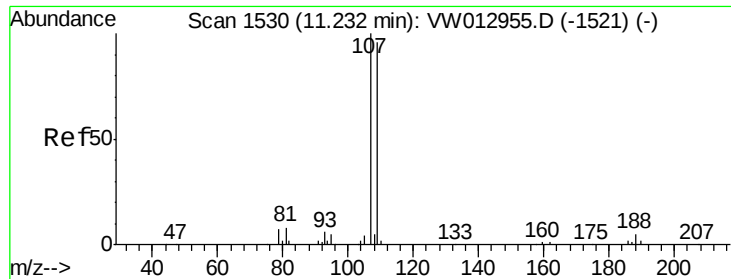
MMDadoda
9/19/2019 11:22:14 AM



#60
Dibromochloromethane
Concen: 19.124 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion: 129 Resp: 54330
Ion Ratio Lower Upper
129 100
127 77.0 37.4 112.2





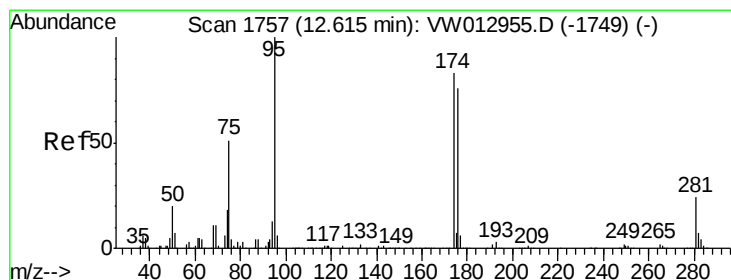
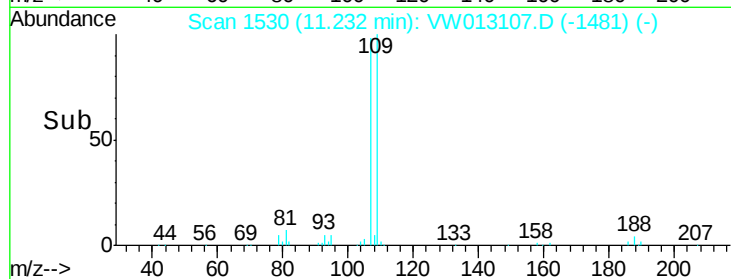
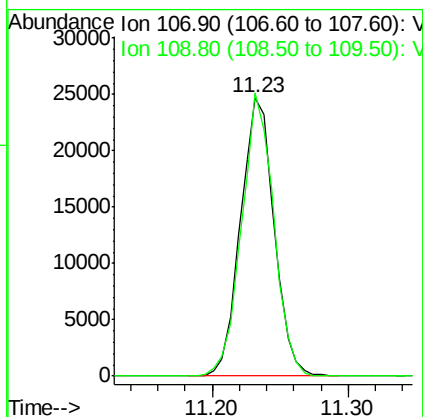
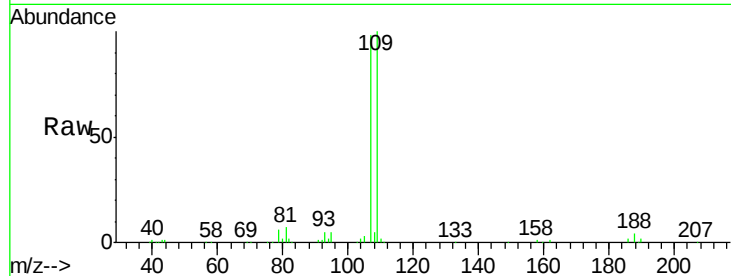
#61
 1,2-Dibromoethane
 Concen: 19.897 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.8	75.0	112.6

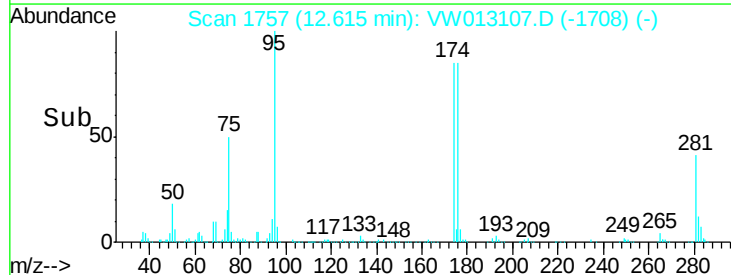
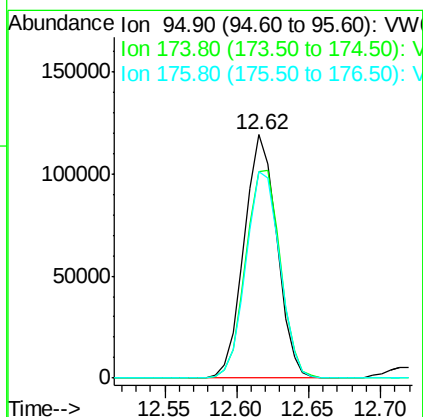
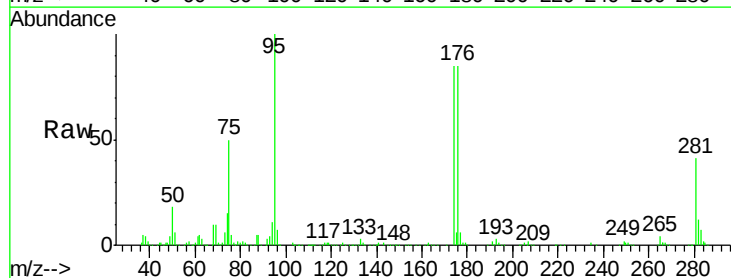
Manual Integrations
 APPROVED

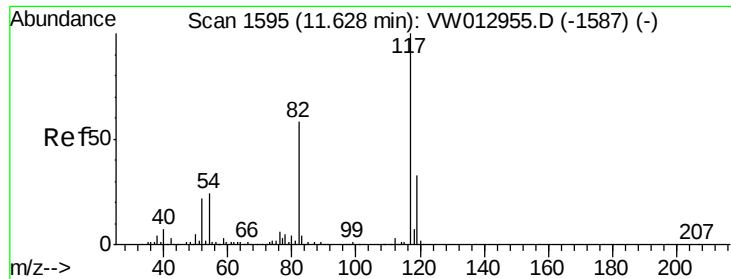
MMDadoda
 9/19/2019 11:22:14 AM



#62
 4-Bromofluorobenzene
 Concen: 45.376 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.7	0.0	170.4
176	87.4	0.0	164.6





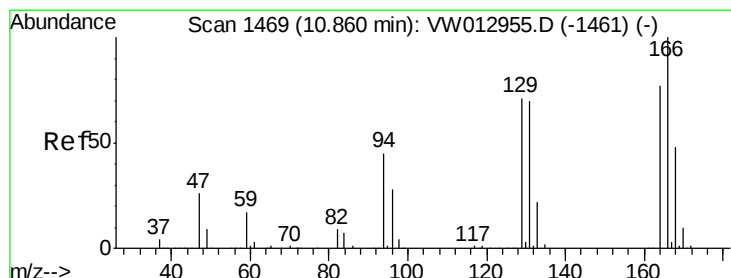
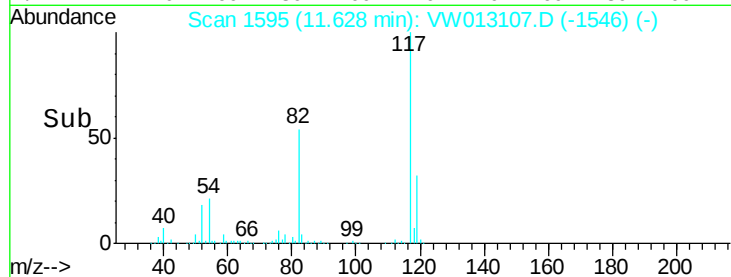
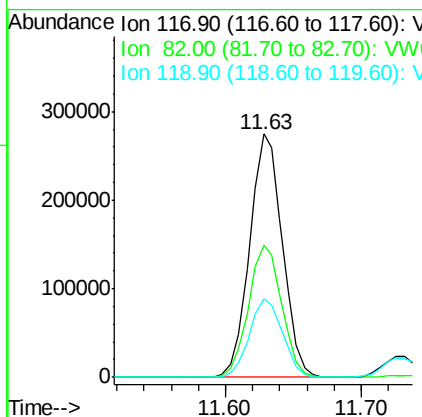
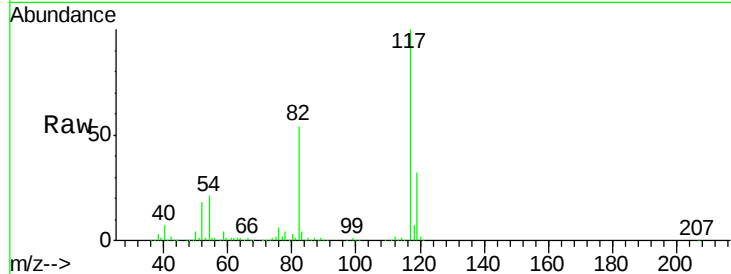
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	463311		
82	54.1	46.3	69.5	
119	32.1	26.2	39.4	

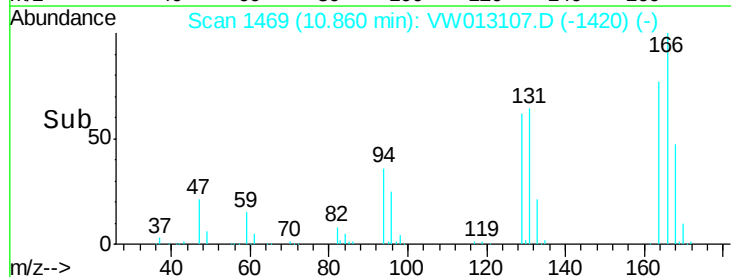
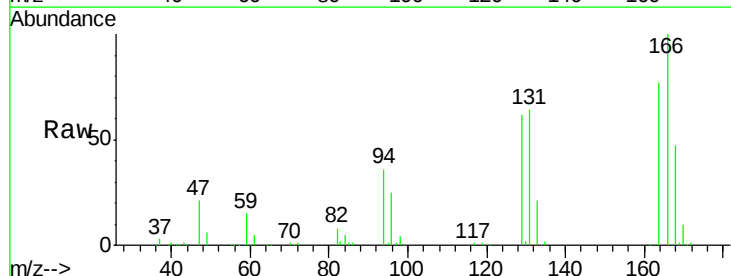
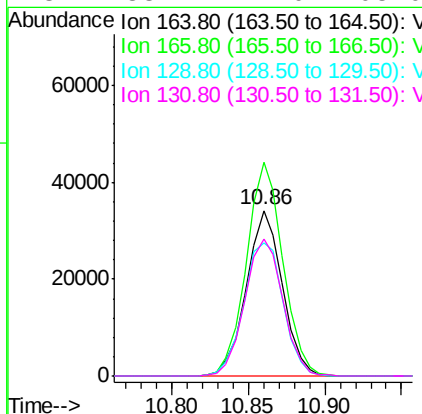
Manual Integrations
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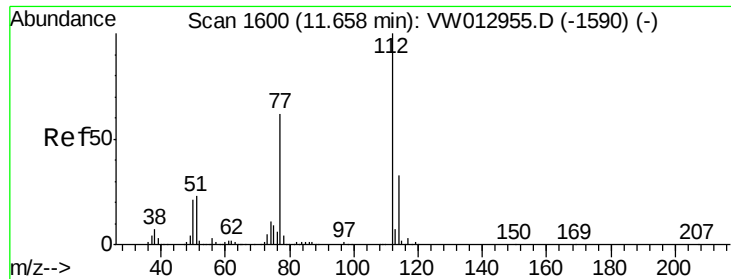
MMDadoda
9/19/2019 11:22:14 AM



#64
Tetrachloroethene
Concen: 20.260 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55841		
166	129.0	103.3	154.9	
129	80.3	73.8	110.8	
131	83.1	72.0	108.0	





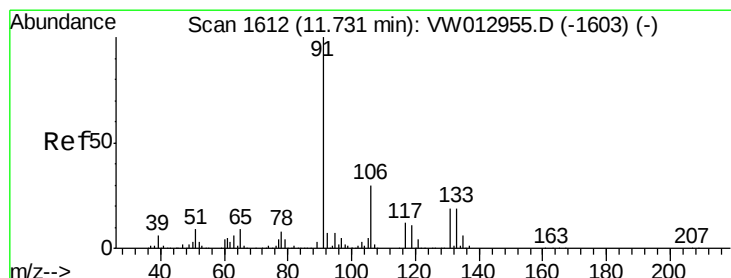
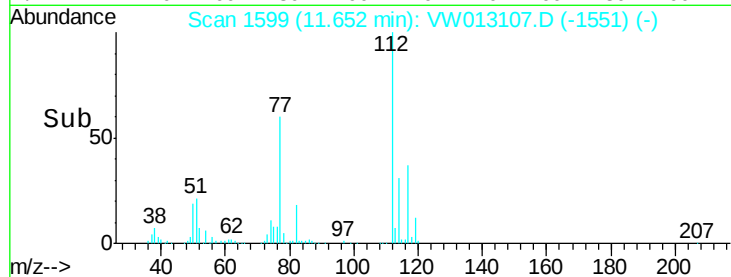
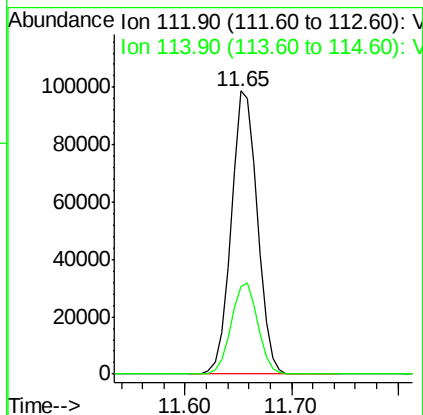
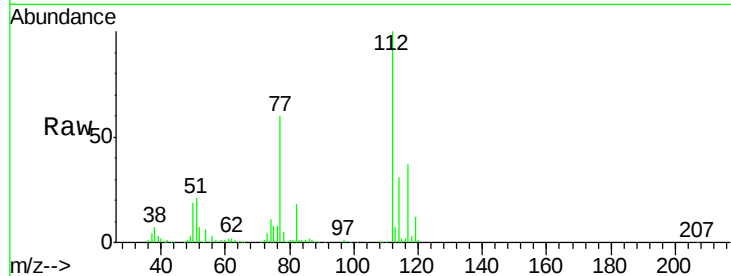
#65
Chlorobenzene
Concen: 20.604 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion:112 Resp: 170039
Ion Ratio Lower Upper
112 100
114 31.2 26.4 39.6

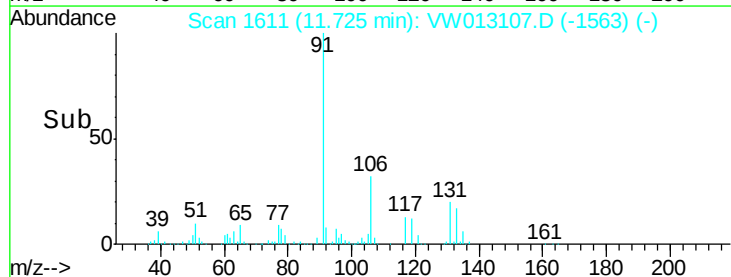
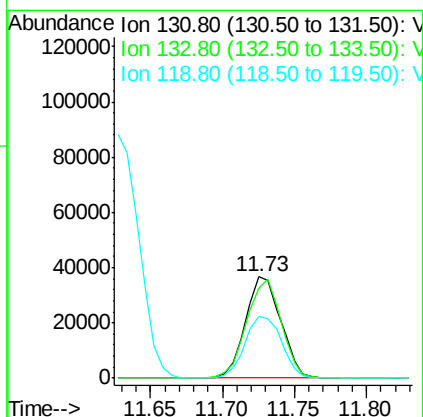
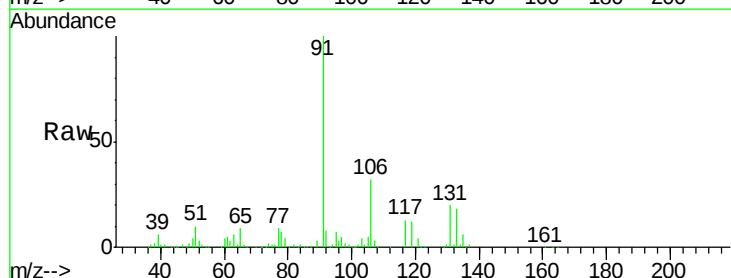
Manual Integrations
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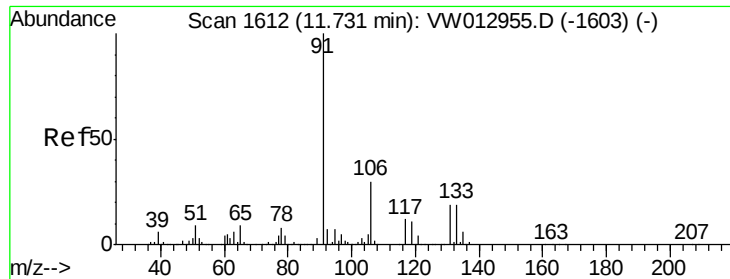
MMDadoda
9/19/2019 11:22:14 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.664 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion:131 Resp: 62190
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.8
119 63.2 30.9 92.7





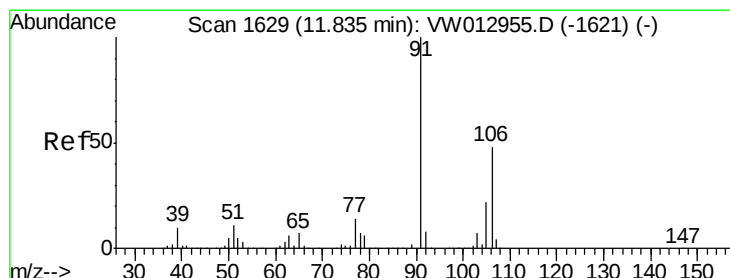
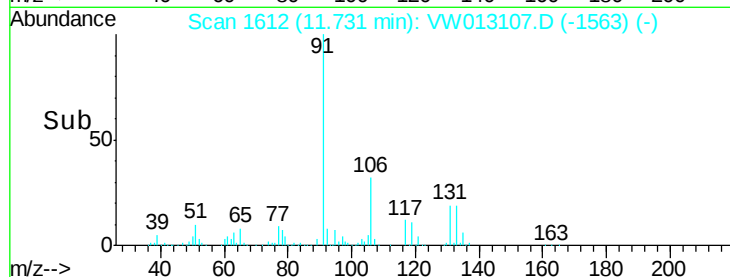
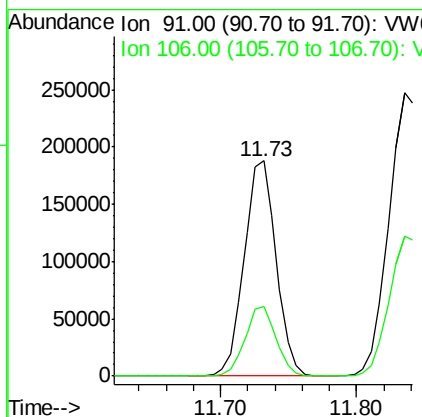
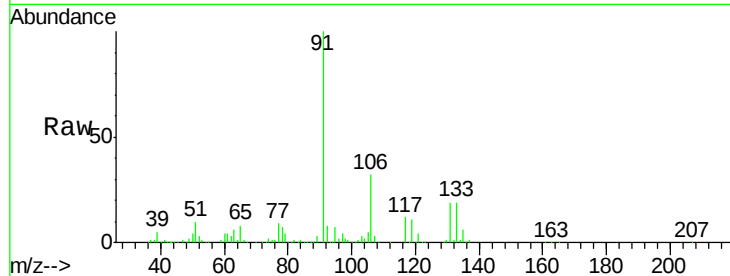
#67
Ethyl Benzene
Concen: 20.300 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion: 91 Resp: 309399
Ion Ratio Lower Upper
91 100
106 32.5 24.3 36.5

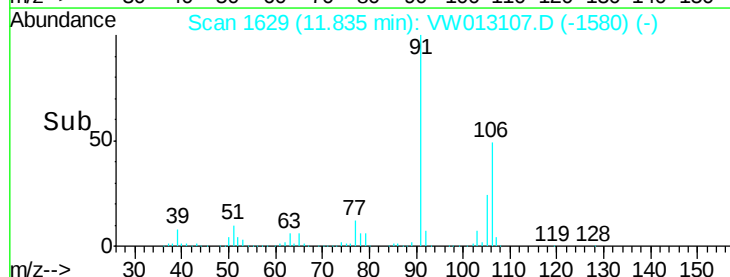
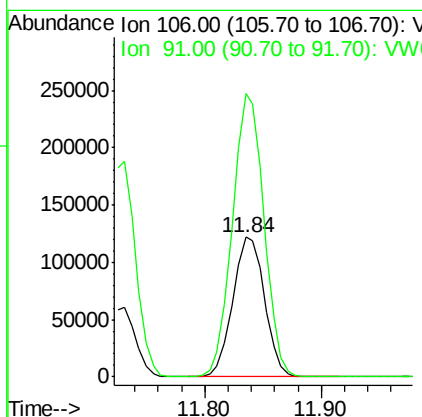
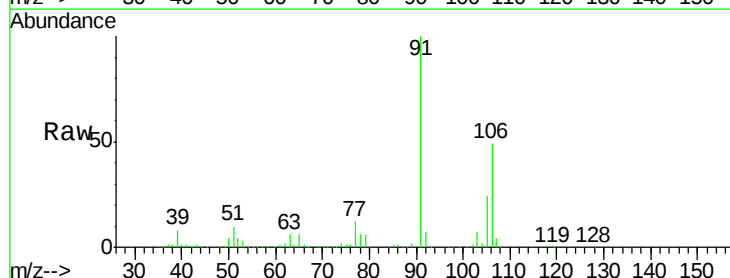
Manual Integrations
APPROVED

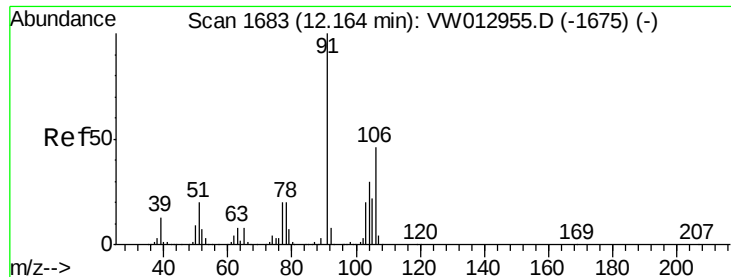
MMDadoda
9/19/2019 11:22:14 AM



#68
m/p-Xylenes
Concen: 41.623 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion: 106 Resp: 231755
Ion Ratio Lower Upper
106 100
91 201.2 165.8 248.8





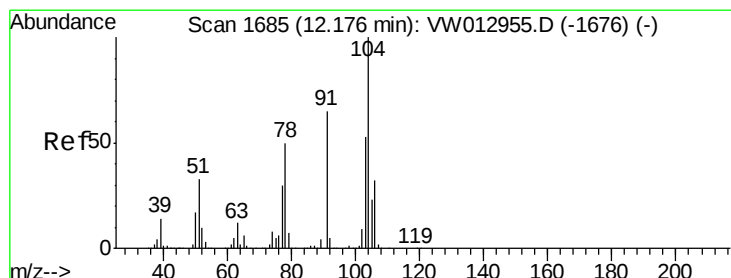
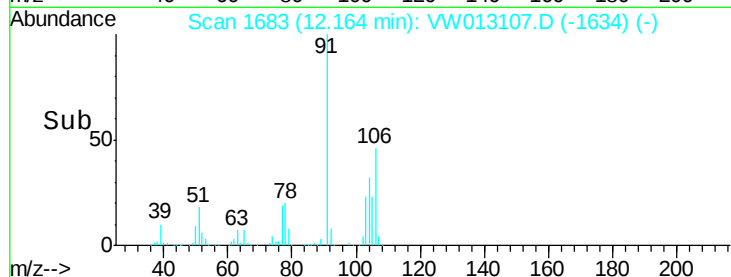
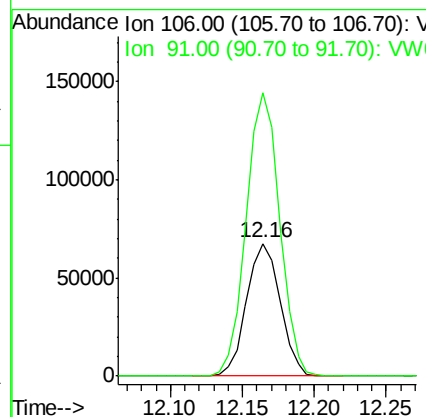
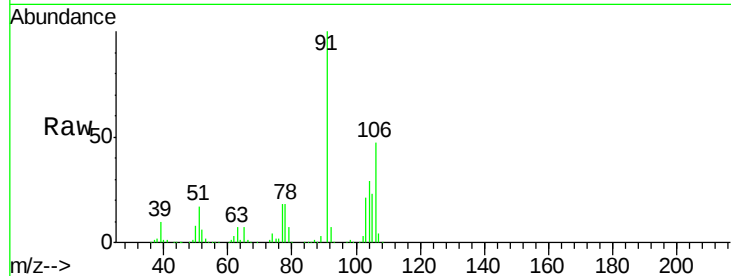
#69
o-Xylene
Concen: 20.964 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.1	109.7	329.0

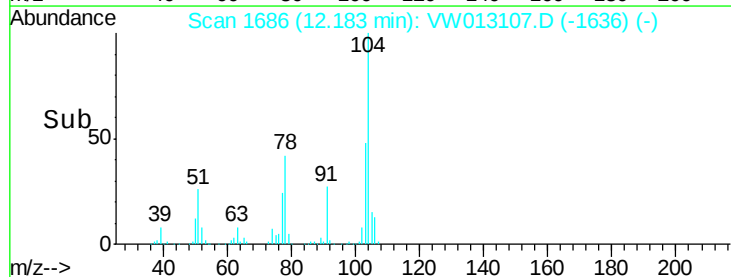
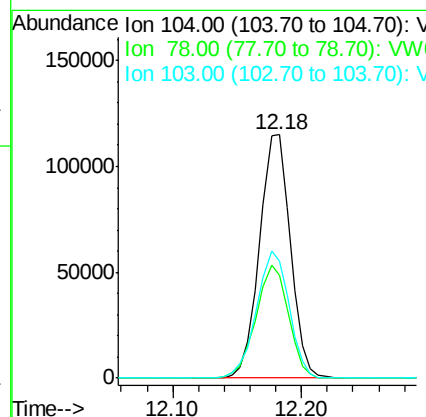
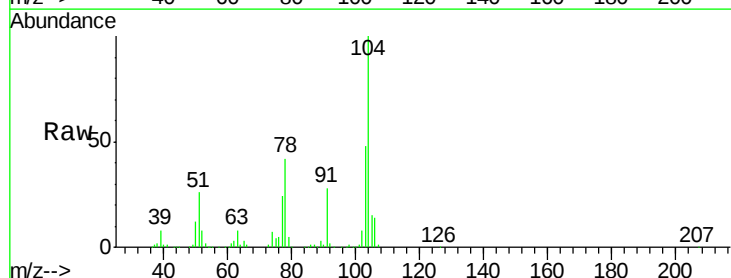
Manual Integrations
APPROVED

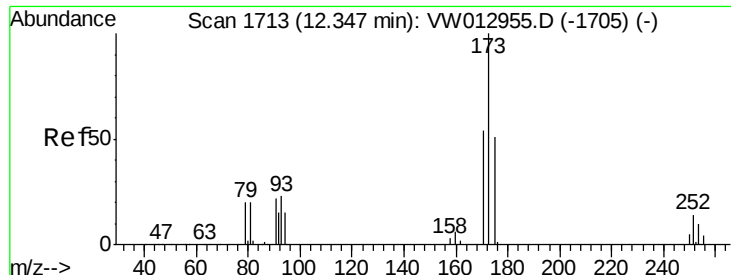
MMDadoda
9/19/2019 11:22:14 AM



#70
Styrene
Concen: 20.536 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.1	42.1	63.1
103	55.1	44.2	66.4





#71

Bromoform

Concen: 18.825 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion:173 Resp: 31272

Ion Ratio Lower Upper

173 100

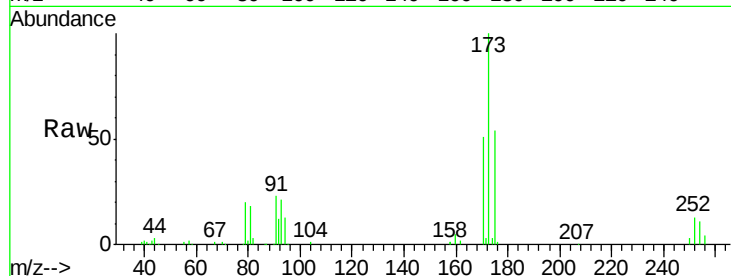
175 50.9 24.2 72.6

254 0.0 0.1 0.1#

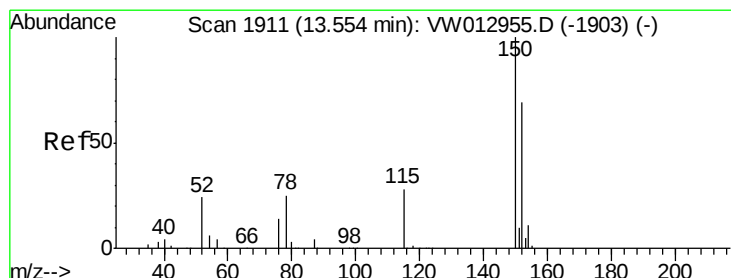
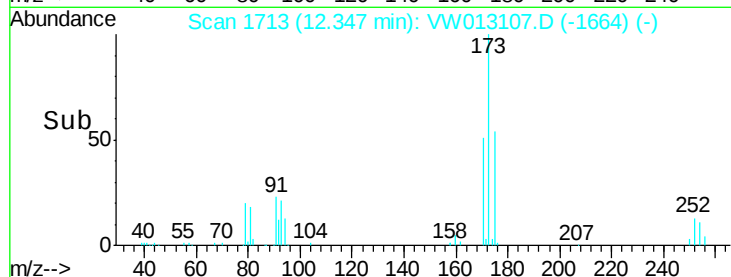
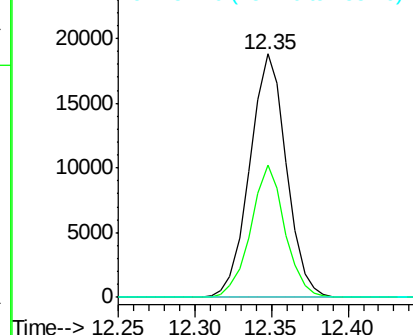
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.01 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

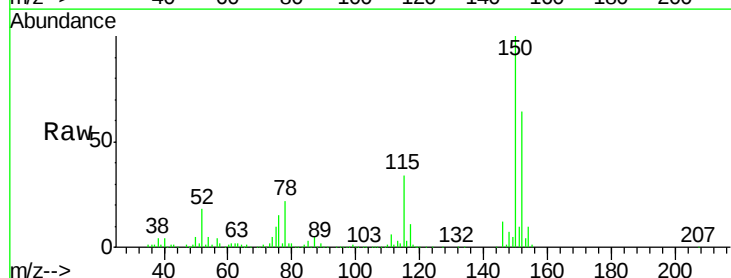
Tgt Ion:152 Resp: 234050

Ion Ratio Lower Upper

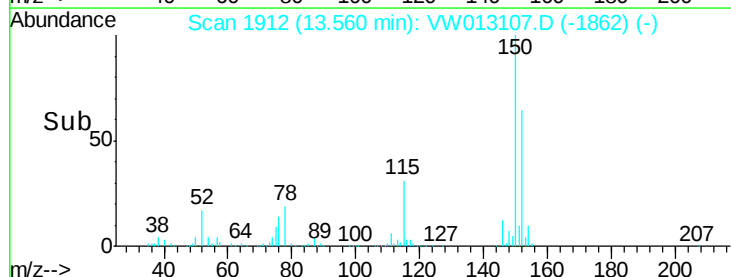
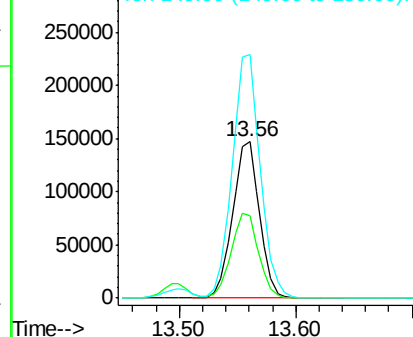
152 100

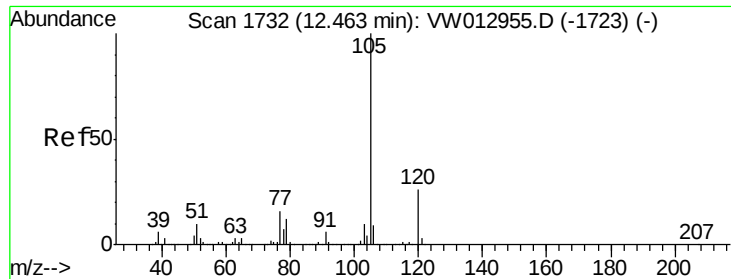
115 56.0 28.8 86.4

150 163.8 0.0 340.2



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





#73

Isopropylbenzene

Concen: 20.194 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

ClientSampleId :

VW0918SBS01

Tot Ion:105 Resp: 313277

Ion Ratio Lower Upper

105 100

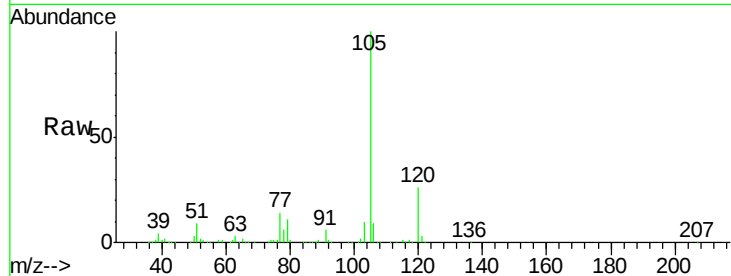
120 26.3 13.0 39.0

Manual Integrations

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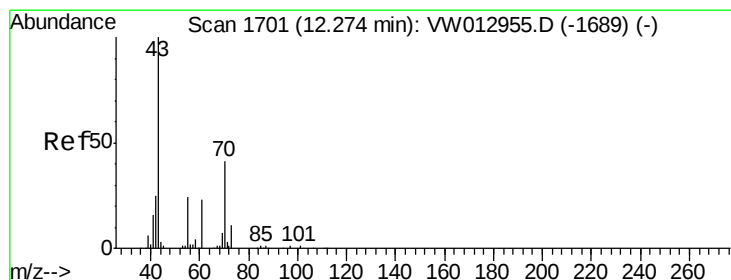
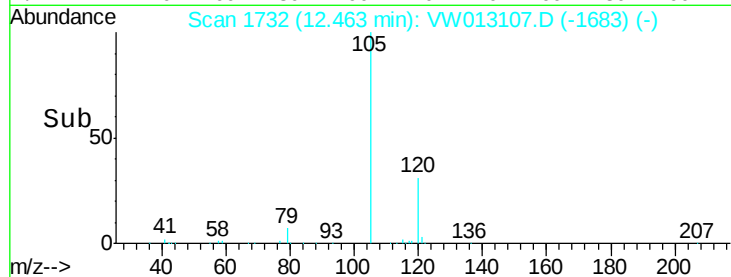
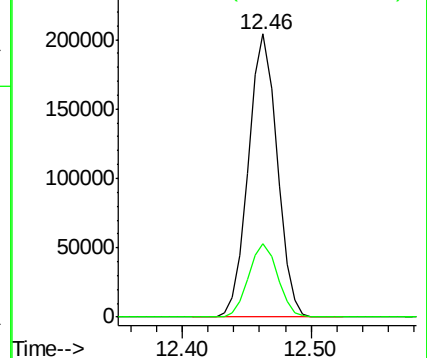
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.907 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Tgt Ion: 43 Resp: 71461

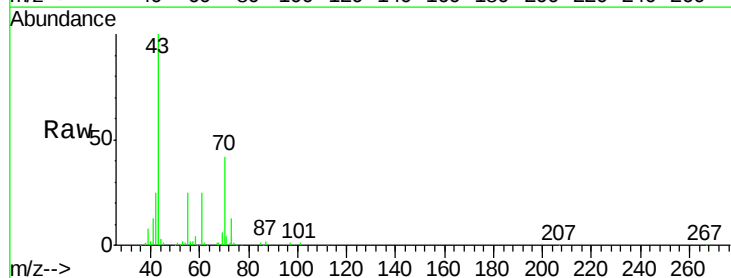
Ion Ratio Lower Upper

43 100

70 43.7 31.7 47.5

55 25.4 19.4 29.2

61 25.0 18.7 28.1

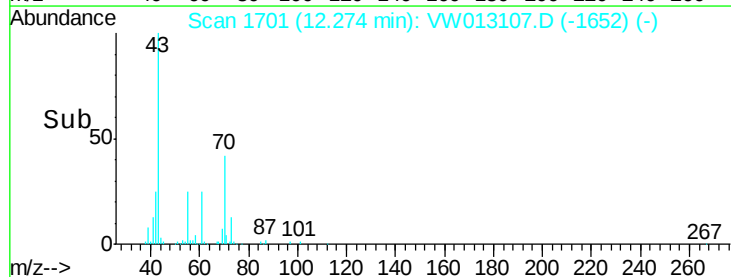
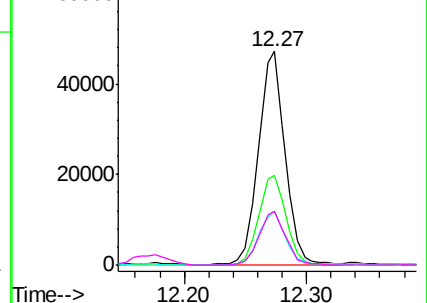


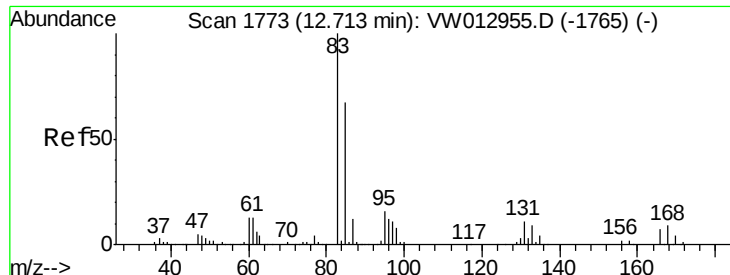
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 20.453 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

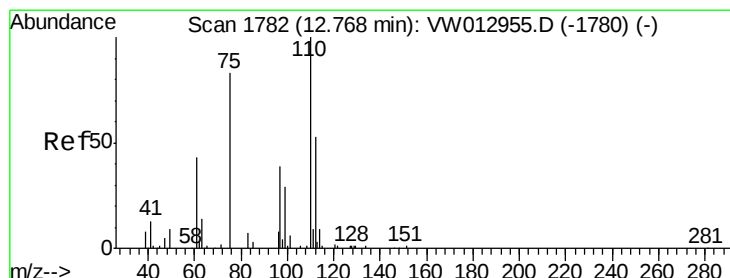
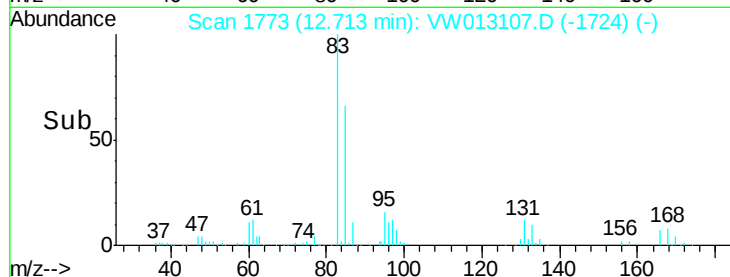
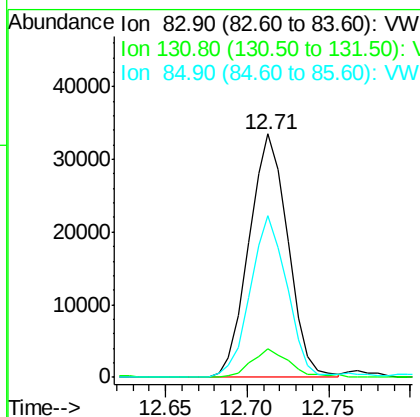
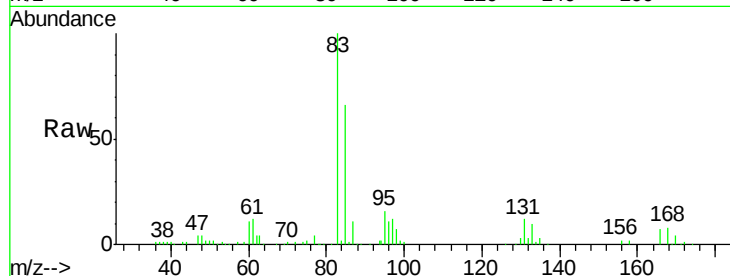
ClientSampleId :

VW0918SBS01

Tot Ion:	83	Resp:	55730
Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.7	17.1
85	62.6	31.4	94.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.907 ug/l m

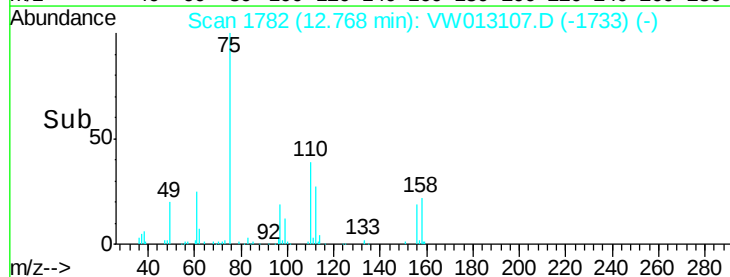
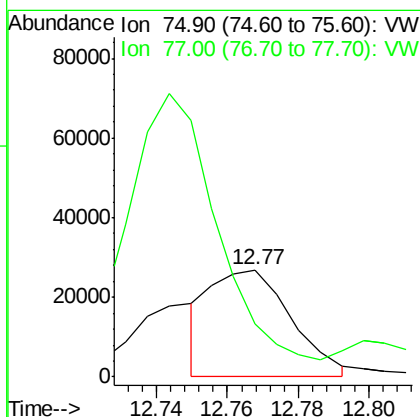
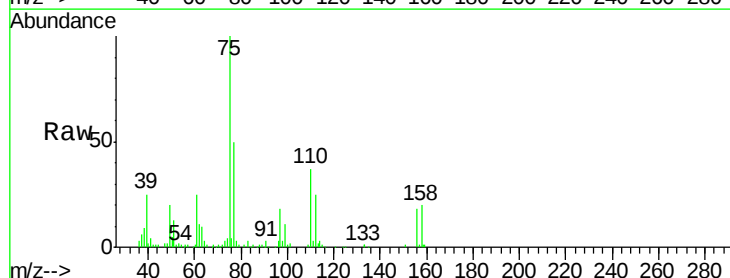
RT: 12.77 min Scan# 1782

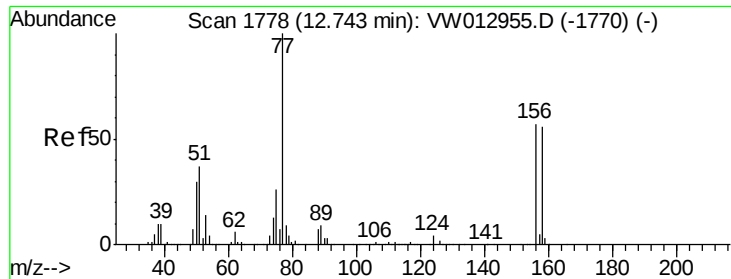
Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Tgt Ion:	75	Resp:	42862
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.539 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Instrument :

MSVOA_W

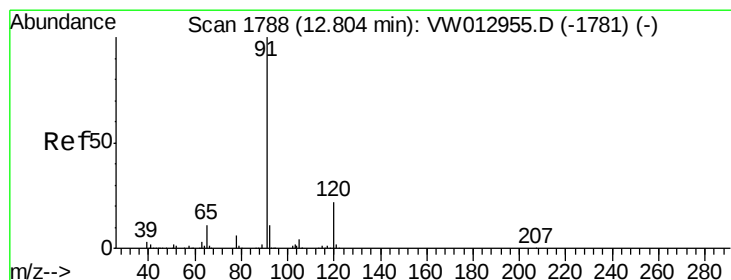
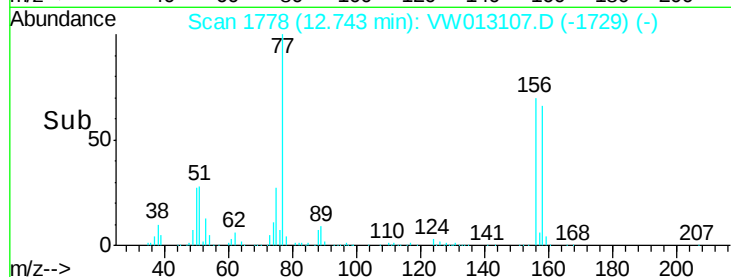
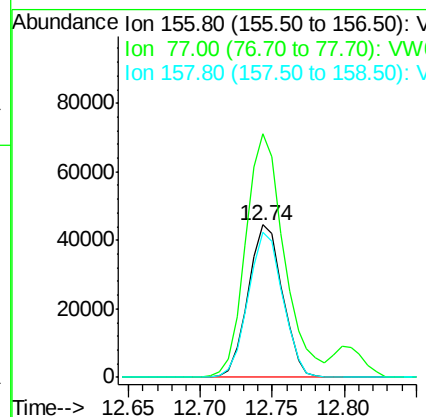
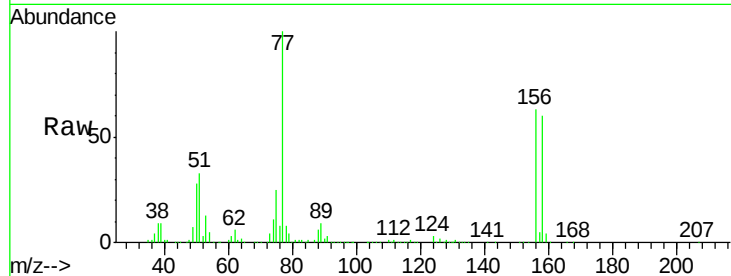
ClientSampleId :

VW0918SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		73405		
77	179.2	95.2	285.6		
158	95.8	49.0	147.2		

Manual Integrations
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#78

n-propylbenzene

Concen: 19.968 ug/l

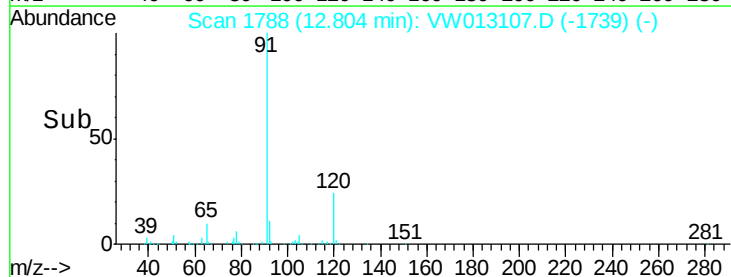
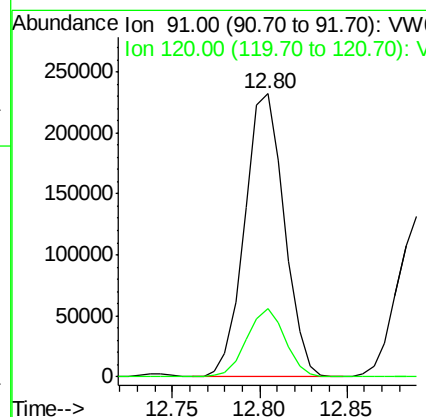
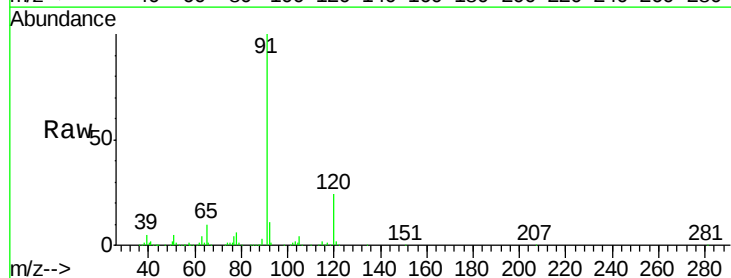
RT: 12.80 min Scan# 1788

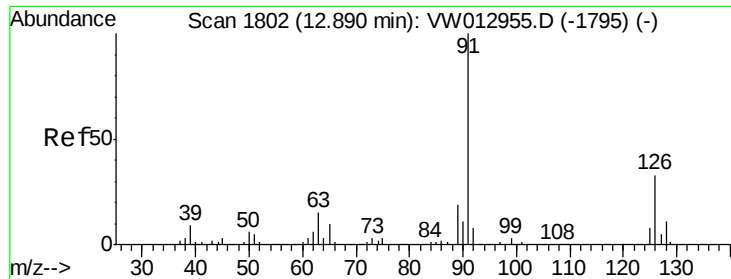
Delta R.T. 0.00 min

Lab File: VW013107.D

Acq: 18 Sep 2019 12:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		364390		
120	23.4	11.2	33.5		





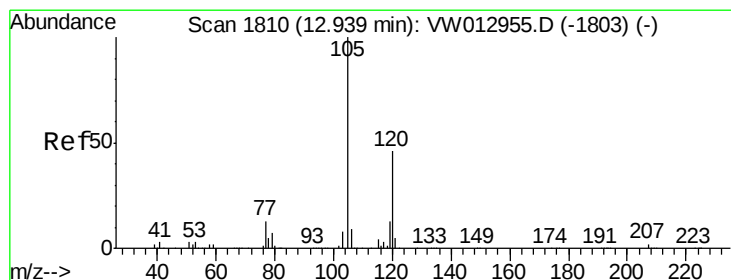
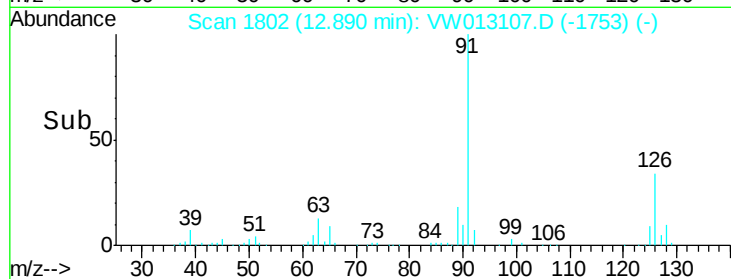
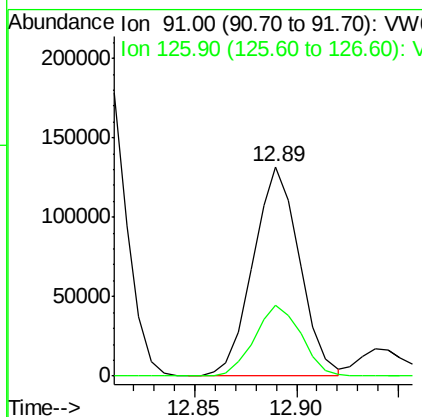
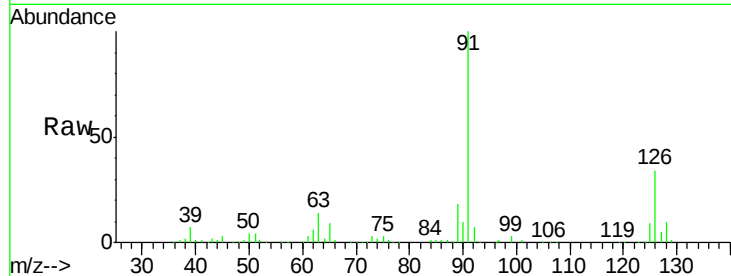
#79
 2-Chlorotoluene
 Concen: 19.827 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion: 91 Resp: 207988
 Ion Ratio Lower Upper
 91 100
 126 34.2 16.5 49.5

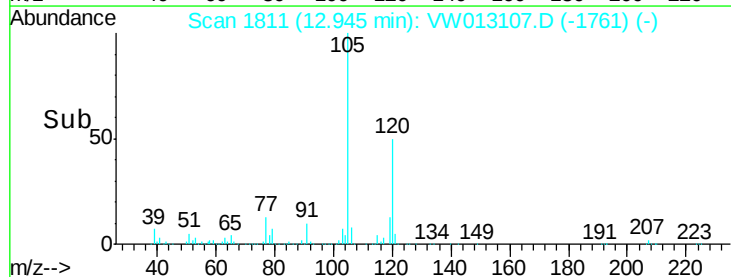
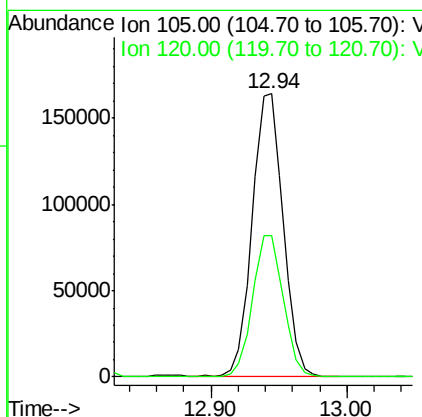
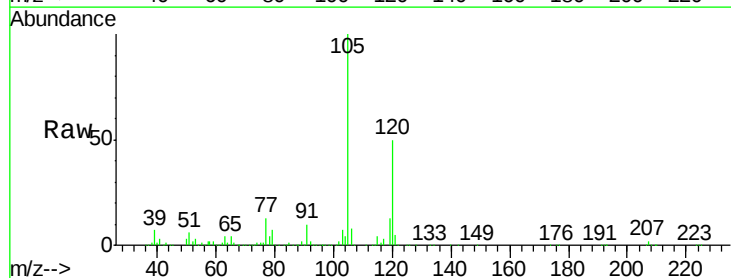
Manual Integrations
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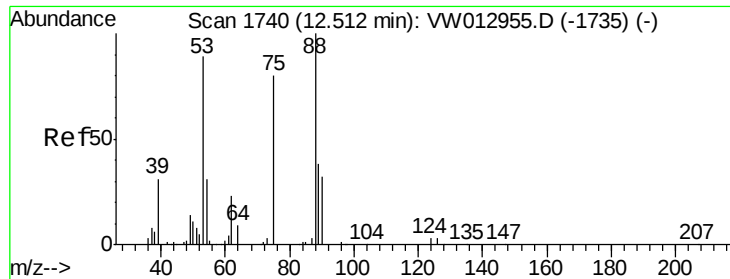
MMDadoda
 9/19/2019 11:22:14 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.942 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion: 105 Resp: 261722
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.2 72.6





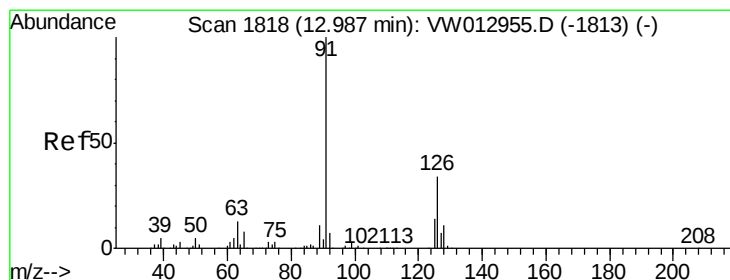
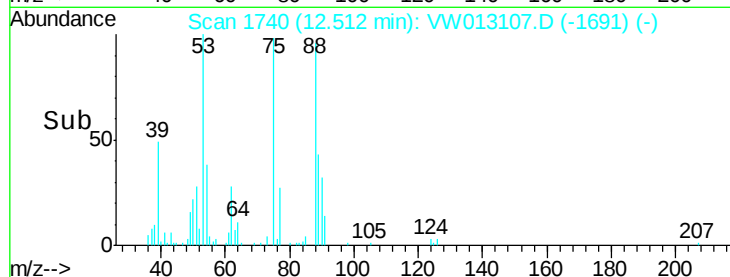
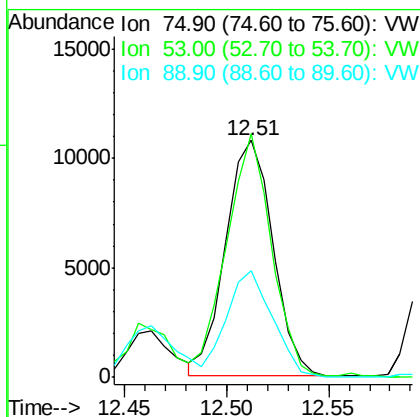
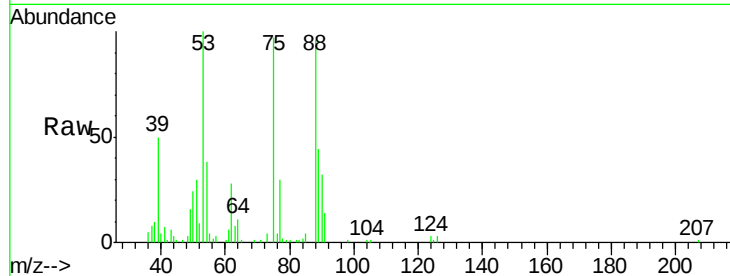
#81
trans-1,4-Dichloro-2-butene
Concen: 19.215 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	96.8	85.6	128.4
89	43.7	37.2	55.8

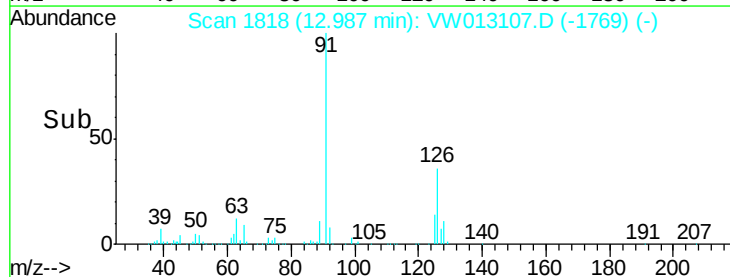
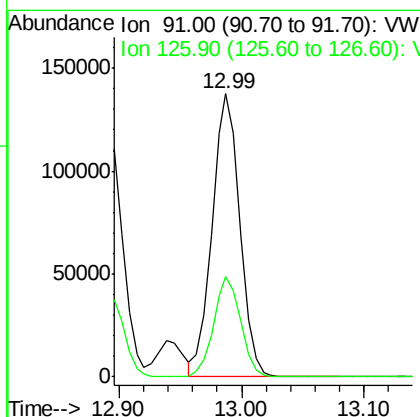
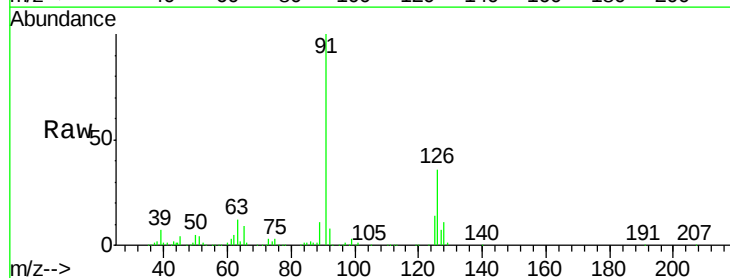
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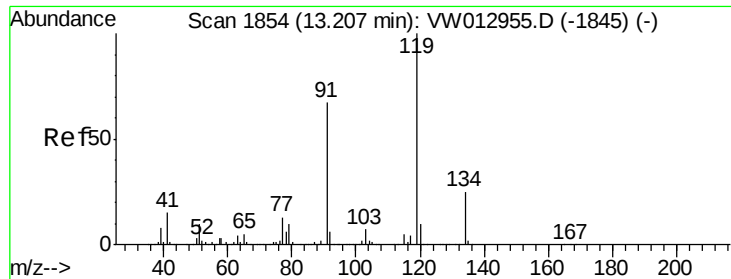
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#82
4-Chlorotoluene
Concen: 19.542 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.6	16.1	48.3





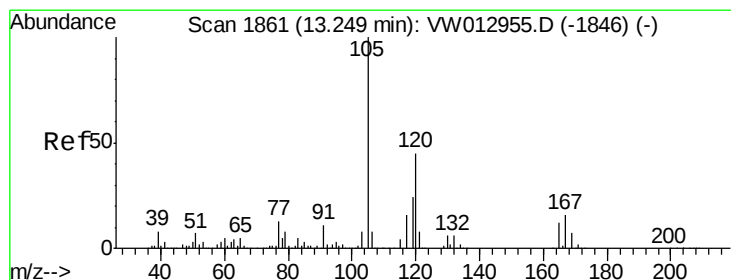
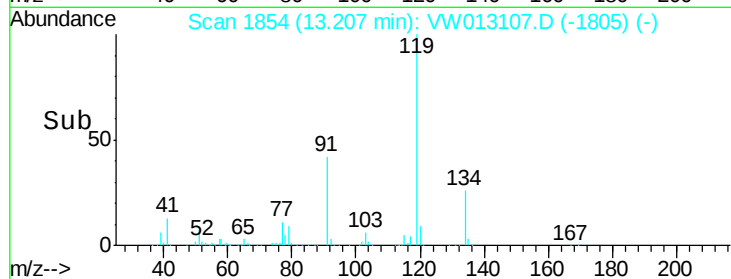
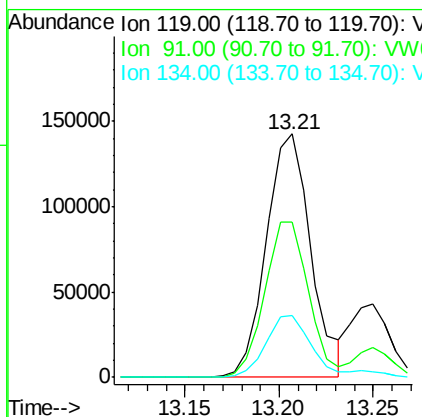
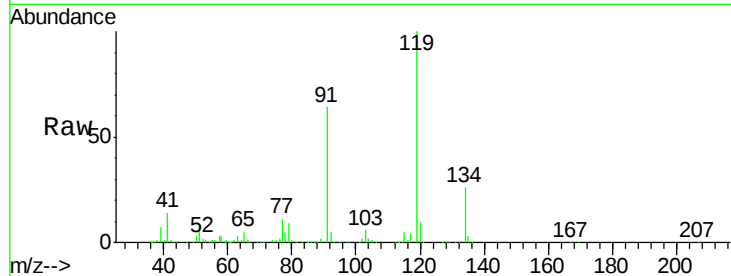
#83
tert-Butylbenzene
Concen: 19.989 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	234657		
91	62.7		32.6	98.0
134	25.8		12.4	37.4

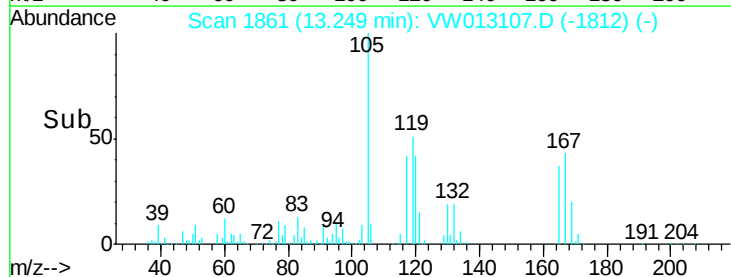
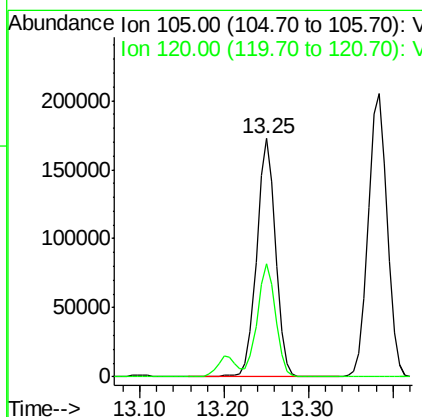
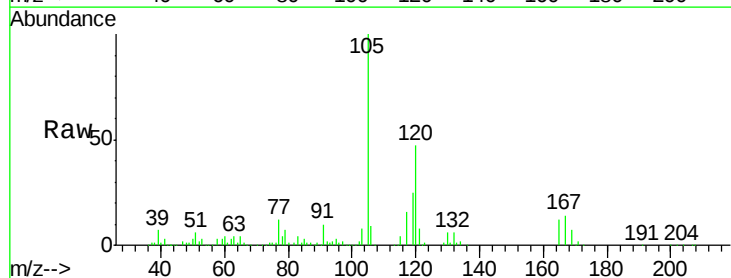
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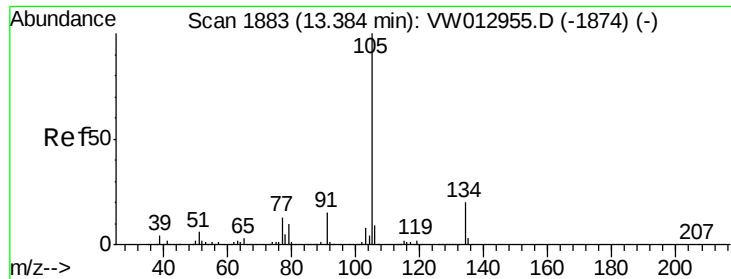
MMDadoda
9/19/2019 11:22:14 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.307 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263358		
120	46.4		21.9	65.7





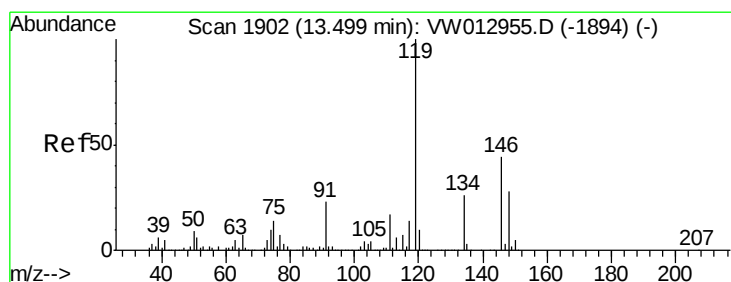
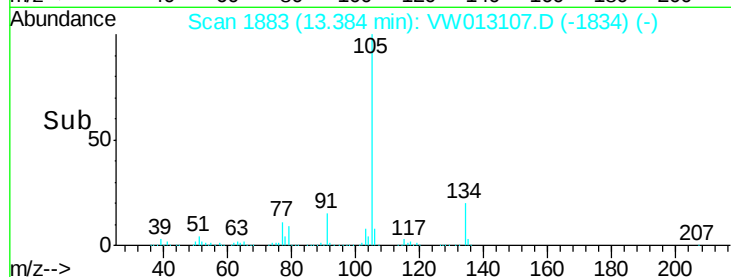
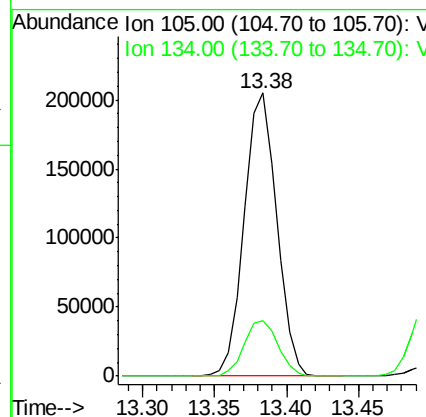
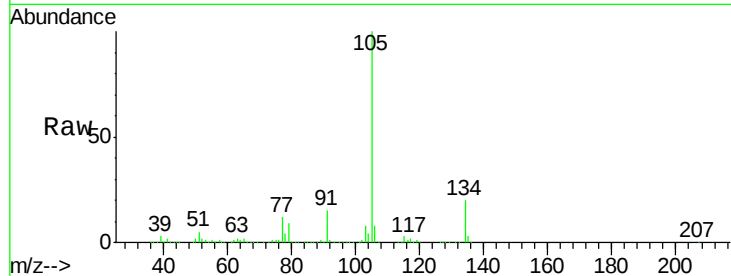
#85
 sec-Butylbenzene
 Concen: 20.067 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.2	30.4

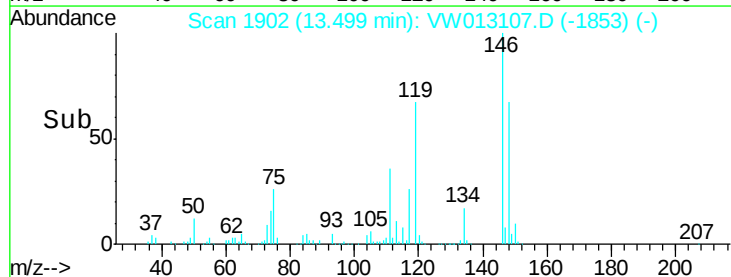
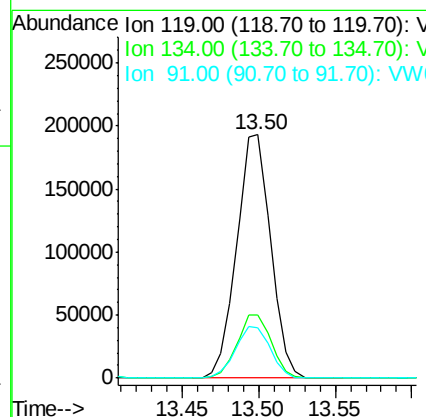
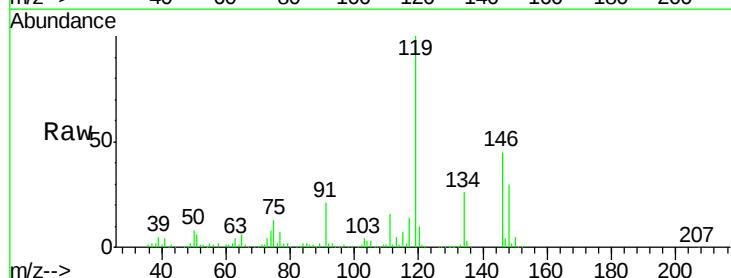
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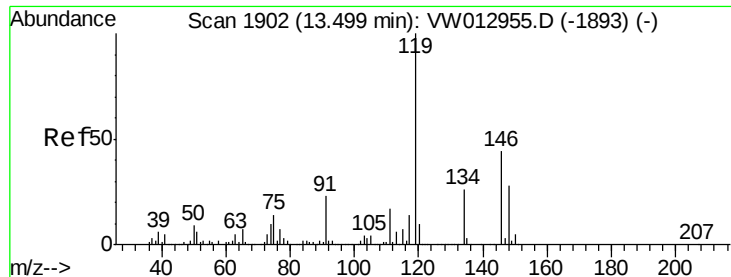
MMDadoda
 9/19/2019 11:22:14 AM



#86
 p-Isopropyltoluene
 Concen: 20.239 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.8	38.3
91	21.6	11.8	35.4





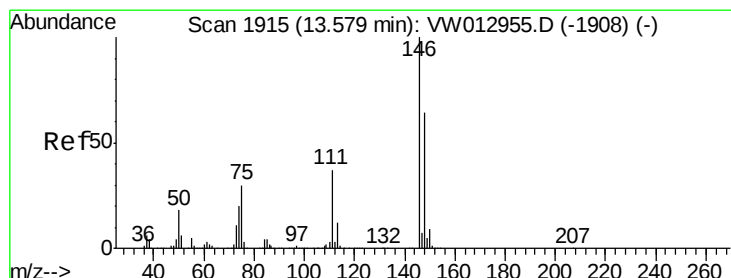
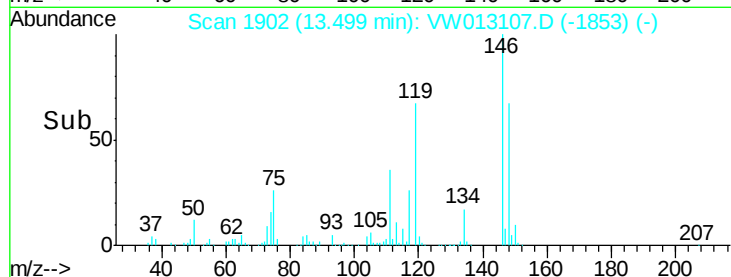
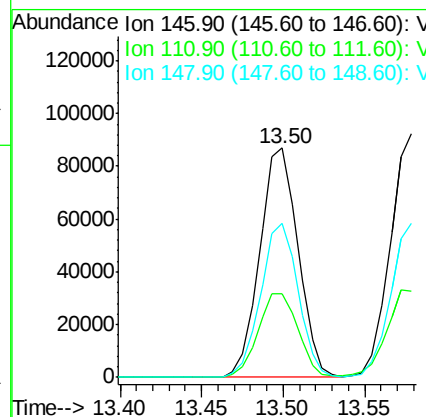
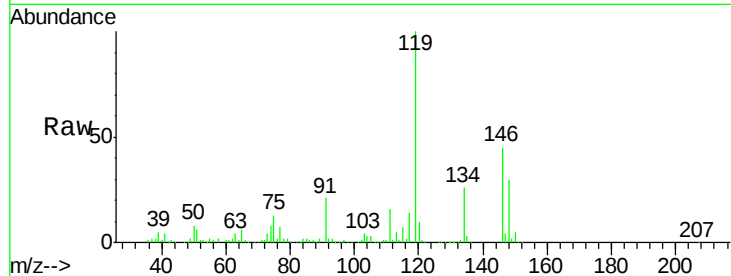
#87
 1,3-Dichlorobenzene
 Concen: 20.051 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	141859		
111	37.9	19.8	59.4	
148	65.5	31.9	95.7	

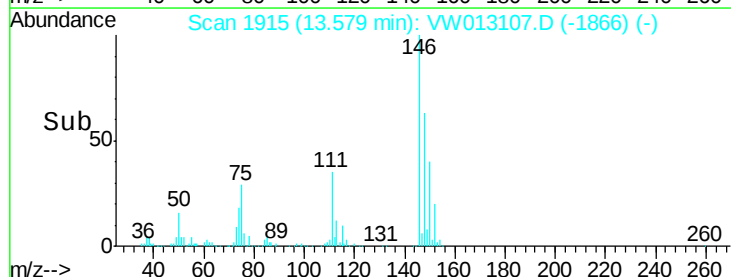
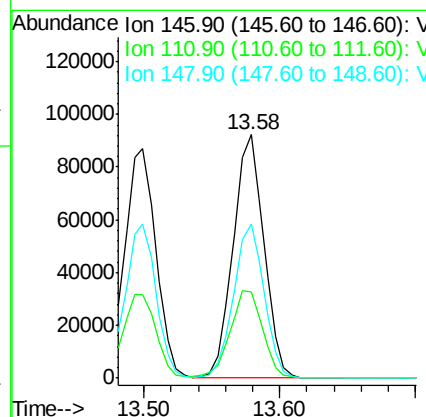
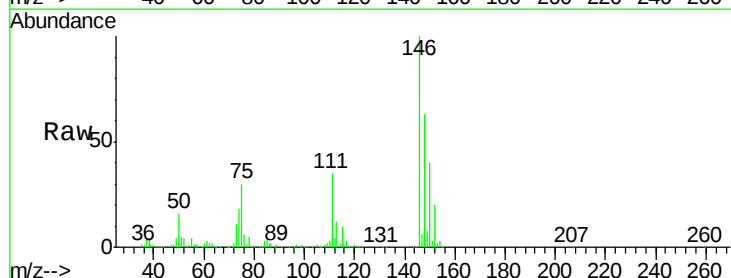
Manual Integrations
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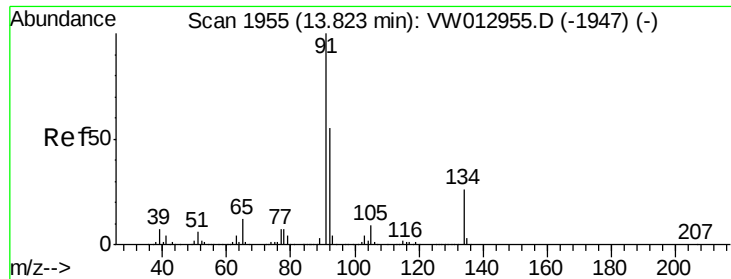
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 20.860 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	145032		
111	38.6	19.4	58.2	
148	62.8	31.9	95.5	





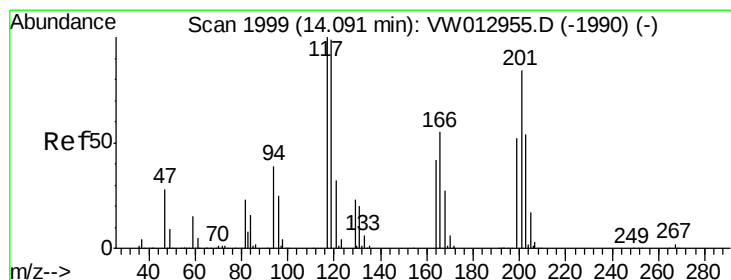
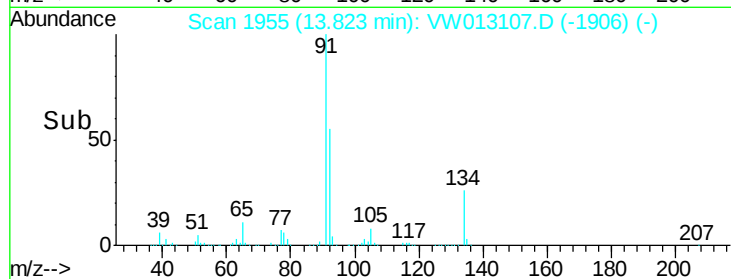
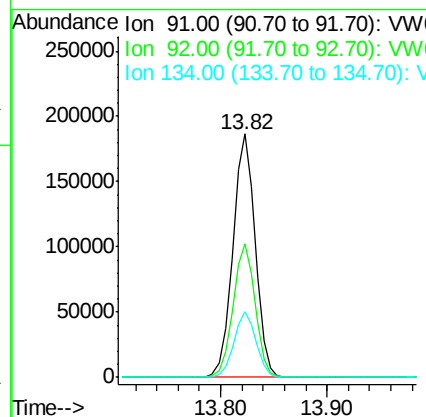
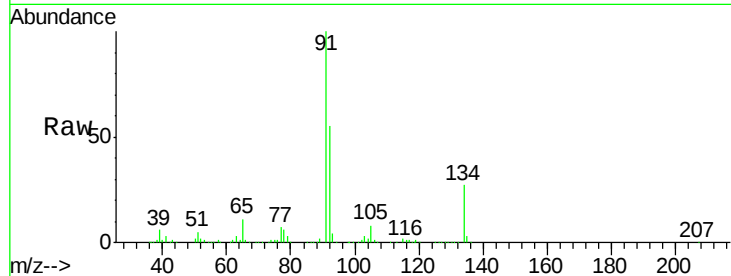
#89
n-Butylbenzene
Concen: 19.787 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	274024		
92	54.2		27.2	81.5
134	26.8		13.1	39.1

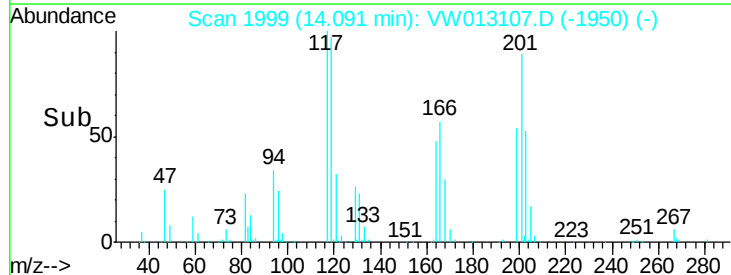
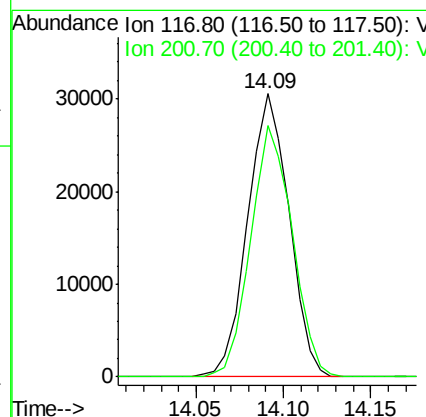
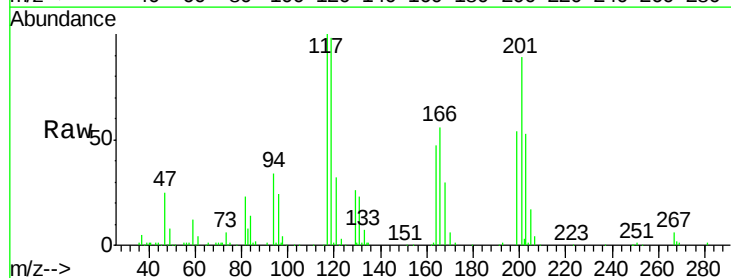
Manual Integrations
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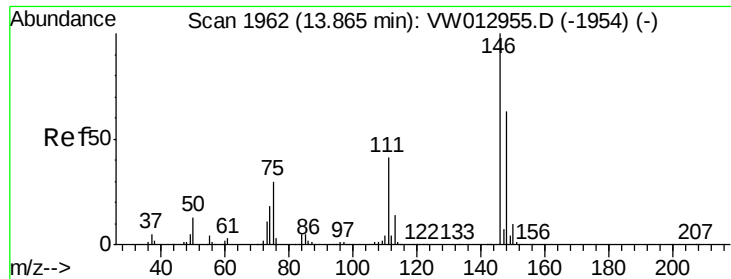
MMDadoda
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#90
Hexachloroethane
Concen: 19.097 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	50255		
201	89.1		45.3	135.9





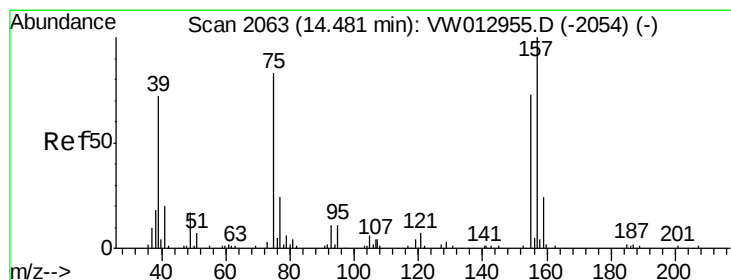
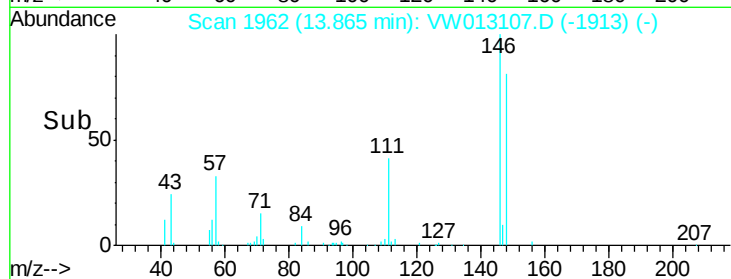
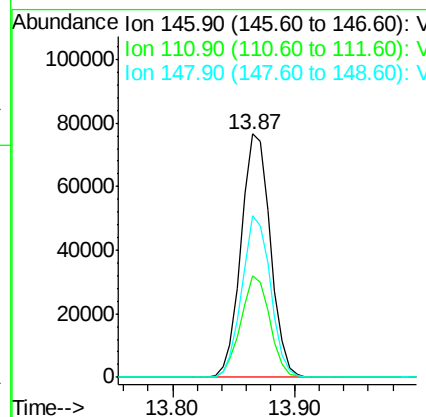
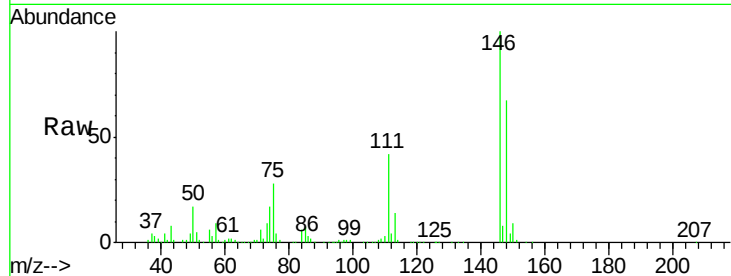
#91
 1,2-Dichlorobenzene
 Concen: 20.333 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.8	62.5
148	65.0	32.7	98.1

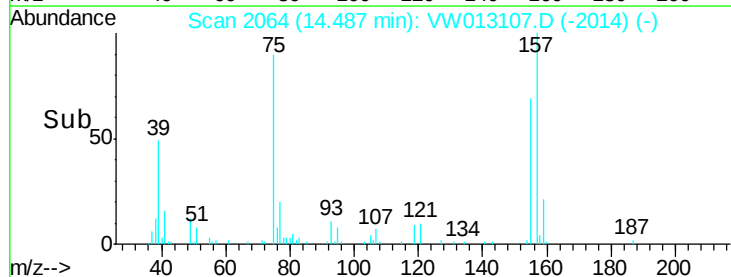
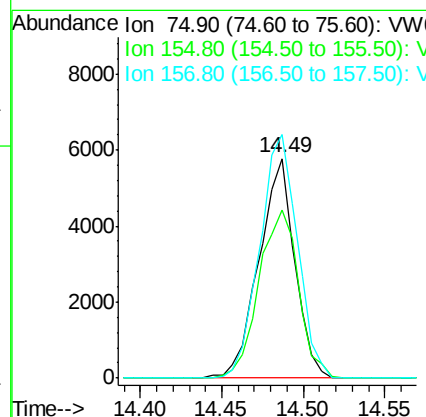
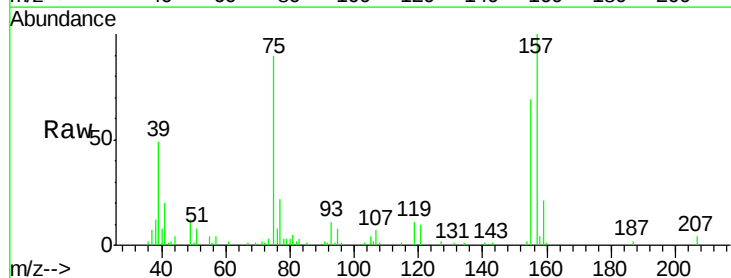
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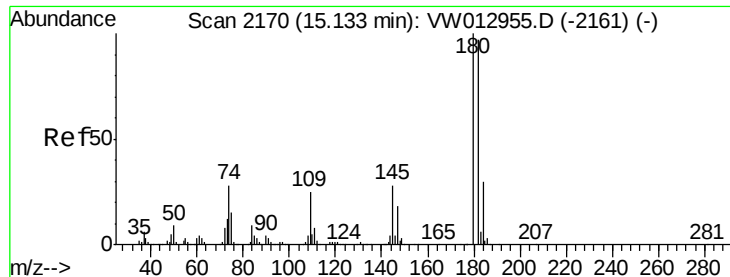
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.658 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.5	43.3	129.9
157	117.3	54.7	164.1





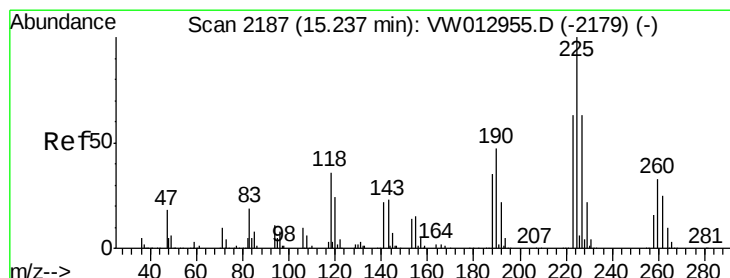
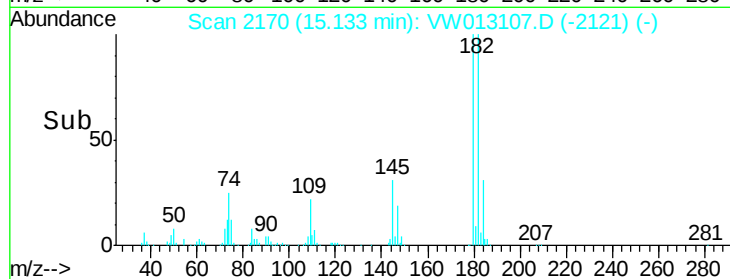
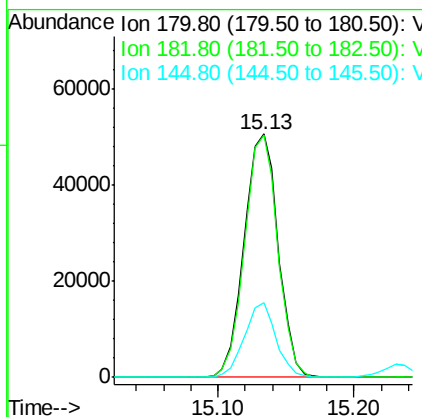
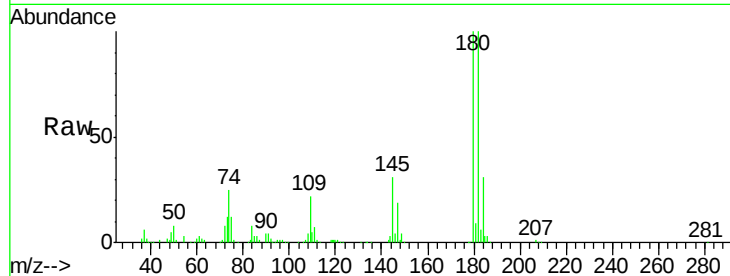
#93
 1,2,4-Trichlorobenzene
 Concen: 19.951 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0918SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	88526		
182	97.0	47.4	142.2	
145	28.8	14.9	44.7	

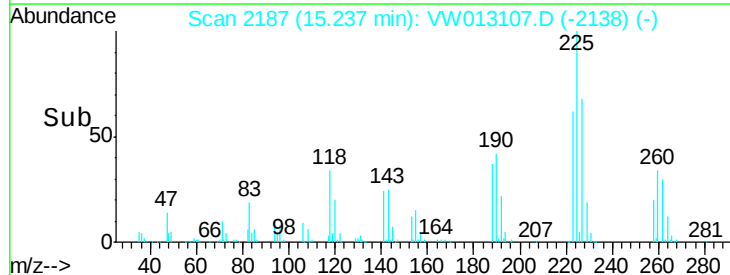
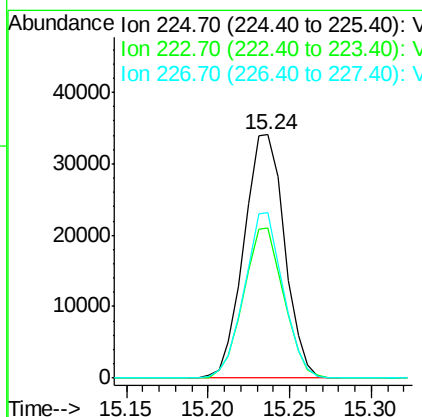
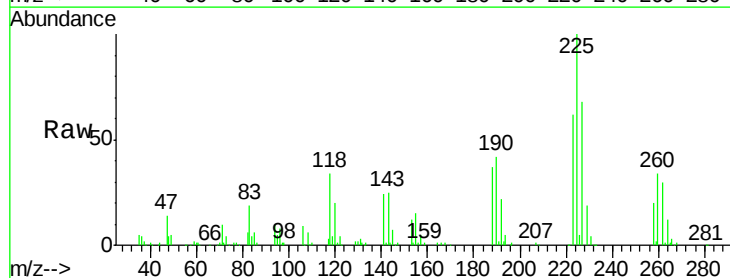
Manual Integrations
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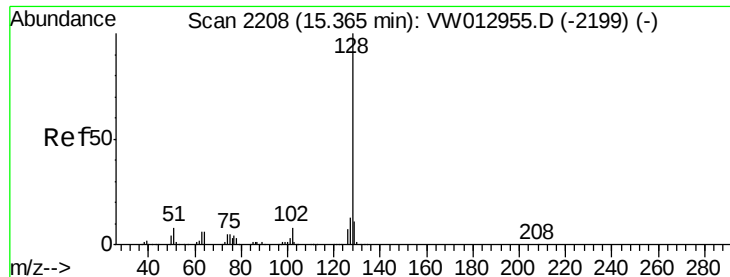
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 9/19/2019 11:22:14 AM



#94
 Hexachlorobutadiene
 Concen: 18.841 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013107.D
 Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59181		
223	61.0	31.8	95.3	
227	64.9	31.3	93.8	





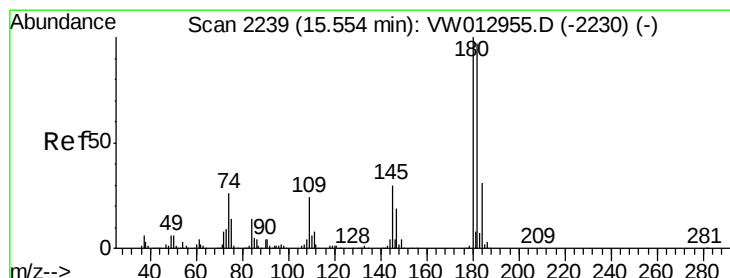
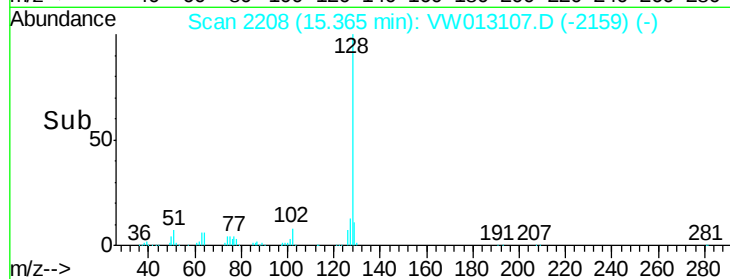
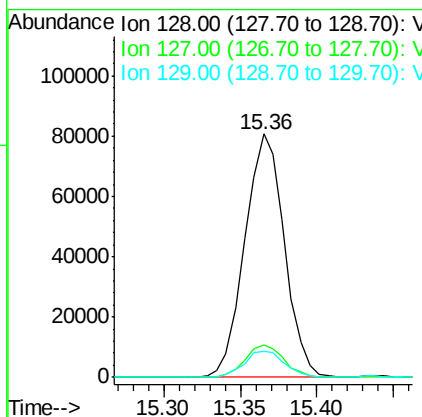
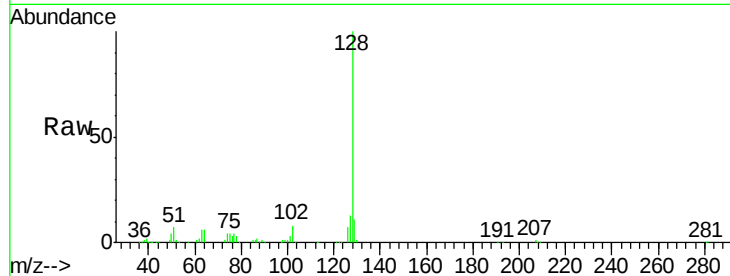
#95
Naphthalene
Concen: 19.546 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Instrument :
MSVOA_W
ClientSampleId :
VW0918SBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.0	16.6
129	11.1	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.462 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW013107.D
Acq: 18 Sep 2019 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.6	142.8
145	30.6	15.4	46.2

