

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012192.D
 Acq On : 27 Aug 2019 00:41
 Operator : SY/VA
 Sample : K4514-03MS
 Misc : 5.34G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Manual Integrations
 APPROVED

MMDadoda
 8/27/2019 11:04:36 AM

Quant Time: Aug 27 06:41:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	421815	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	323284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108629	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	145092	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	7.88	113	111842	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	
50) Toluene-d8	10.32	98	418017	40.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.90%	
62) 4-Bromofluorobenzene	12.62	95	117441	32.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	77293	50.548	ug/l	99
3) Chloromethane	2.21	50	116796	49.302	ug/l	99
4) Vinyl Chloride	2.36	62	136408	47.044	ug/l	100
5) Bromomethane	2.76	94	64596	43.989	ug/l	99
6) Chloroethane	2.90	64	76002	46.465	ug/l	94
7) Trichlorofluoromethane	3.25	101	64956	44.614	ug/l	99
8) Diethyl Ether	3.68	74	71804	51.957	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	173167	69.972	ug/l	99
10) Methyl Iodide	4.27	142	156048	46.602	ug/l	99
11) Tert butyl alcohol	5.18	59	50553	284.556	ug/l	99
12) 1,1-Dichloroethene	4.04	96	113101	45.405	ug/l	100
13) Acrolein	3.89	56	27427	164.007	ug/l	99
14) Allyl chloride	4.66	41	233971	43.936	ug/l	99
15) Acrylonitrile	5.37	53	185800	271.244	ug/l	99
16) Acetone	4.12	43	229715	304.412	ug/l	100
17) Carbon Disulfide	4.38	76	315326	41.887	ug/l	100
18) Methyl Acetate	4.67	43	161270	86.284	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	212769	52.820	ug/l	99
20) Methylene Chloride	4.92	84	152370	53.411	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	116762	43.713	ug/l	100
22) Diisopropyl ether	6.31	45	497853	50.437	ug/l	95
23) Vinyl Acetate	6.25	43	527541	86.843	ug/l	99
24) 1,1-Dichloroethane	6.21	63	262704	48.880	ug/l	99
25) 2-Butanone	7.17	43	278740	271.825	ug/l	98
26) 2,2-Dichloropropane	7.17	77	125623	41.296	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	131970	46.243	ug/l	100
28) Bromochloromethane	7.51	49	115368	49.251	ug/l #	99
29) Tetrahydrofuran	7.52	42	186944	303.865	ug/l	99
30) Chloroform	7.67	83	233805	47.550	ug/l	96
31) Cyclohexane	7.95	56	204622	38.482	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	181065	46.549	ug/l	100
36) 1,1-Dichloropropene	8.08	75	173782	39.868	ug/l	100
37) Ethyl Acetate	7.25	43	111502	46.680	ug/l	100
38) Carbon Tetrachloride	8.07	117	161870	42.905	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	149179	30.464	ug/l	98
40) Benzene	8.32	78	527801	44.344	ug/l	100
41) Methacrylonitrile	7.48	41	73858	52.609	ug/l	98
42) 1,2-Dichloroethane	8.40	62	174331	46.733	ug/l	100
43) Isopropyl Acetate	8.42	43	213612	48.279	ug/l	99
44) Trichloroethene	9.09	130	115538	39.931	ug/l	97
45) 1,2-Dichloropropane	9.37	63	143778	44.884	ug/l	99
46) Dibromomethane	9.46	93	64781	45.452	ug/l	99
47) Bromodichloromethane	9.64	83	170484	44.945	ug/l	100
48) Methyl methacrylate	9.43	41	120964	57.442	ug/l	96
49) 1,4-Dioxane	9.46	88	22140	1014.715	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	604850	268.768	ug/l	99
52) Toluene	10.38	92	298595	41.759	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	151732	39.270	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	190529	40.839	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	94266	46.746	ug/l	100
56) Ethyl methacrylate	10.65	69	139257	47.449	ug/l	99
57) 1,3-Dichloropropane	10.93	76	176723	46.375	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	374231	248.451	ug/l	99
59) 2-Hexanone	10.97	43	407503	255.915	ug/l	100
60) Dibromochloromethane	11.13	129	100476	44.734	ug/l	99
61) 1,2-Dibromoethane	11.24	107	83919	44.670	ug/l	99
64) Tetrachloroethene	10.86	164	100213	47.813	ug/l	98
65) Chlorobenzene	11.66	112	265099	41.645	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	106009	47.736	ug/l	98
67) Ethyl Benzene	11.73	91	516521	42.122	ug/l	98
68) m/p-Xylenes	11.84	106	367479	83.195	ug/l	99
69) o-Xylene	12.16	106	175935	43.035	ug/l	99
70) Styrene	12.18	104	285836	40.394	ug/l	99
71) Bromoform	12.35	173	54915	49.632	ug/l	99
73) Isopropylbenzene	12.46	105	443028	54.428	ug/l	98
74) N-amyl acetate	12.27	43	122221	49.699	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	108819	72.923	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	76082m	71.913	ug/l	
77) Bromobenzene	12.74	156	95897	54.458	ug/l	95
78) n-propylbenzene	12.80	91	483515	48.658	ug/l	99
79) 2-Chlorotoluene	12.89	91	292598	51.864	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	340796	50.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	31792	65.886	ug/l	99
82) 4-Chlorotoluene	12.99	91	281845	47.712	ug/l	99
83) tert-Butylbenzene	13.21	119	279614	48.532	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	335610	49.121	ug/l	100
85) sec-Butylbenzene	13.38	105	347182	42.061	ug/l	100
86) p-Isopropyltoluene	13.50	119	305004	41.376	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	145259	42.173	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	141816	41.467	ug/l	100
89) n-Butylbenzene	13.82	91	241036	32.881	ug/l	99
90) Hexachloroethane	14.09	117	53556	41.410	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	140348	46.449	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17131	68.096	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	52811	25.291	ug/l	100
94) Hexachlorobutadiene	15.24	225	24112	17.488	ug/l	99
95) Naphthalene	15.36	128	156048	39.114	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	47302	25.964	ug/l	99

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

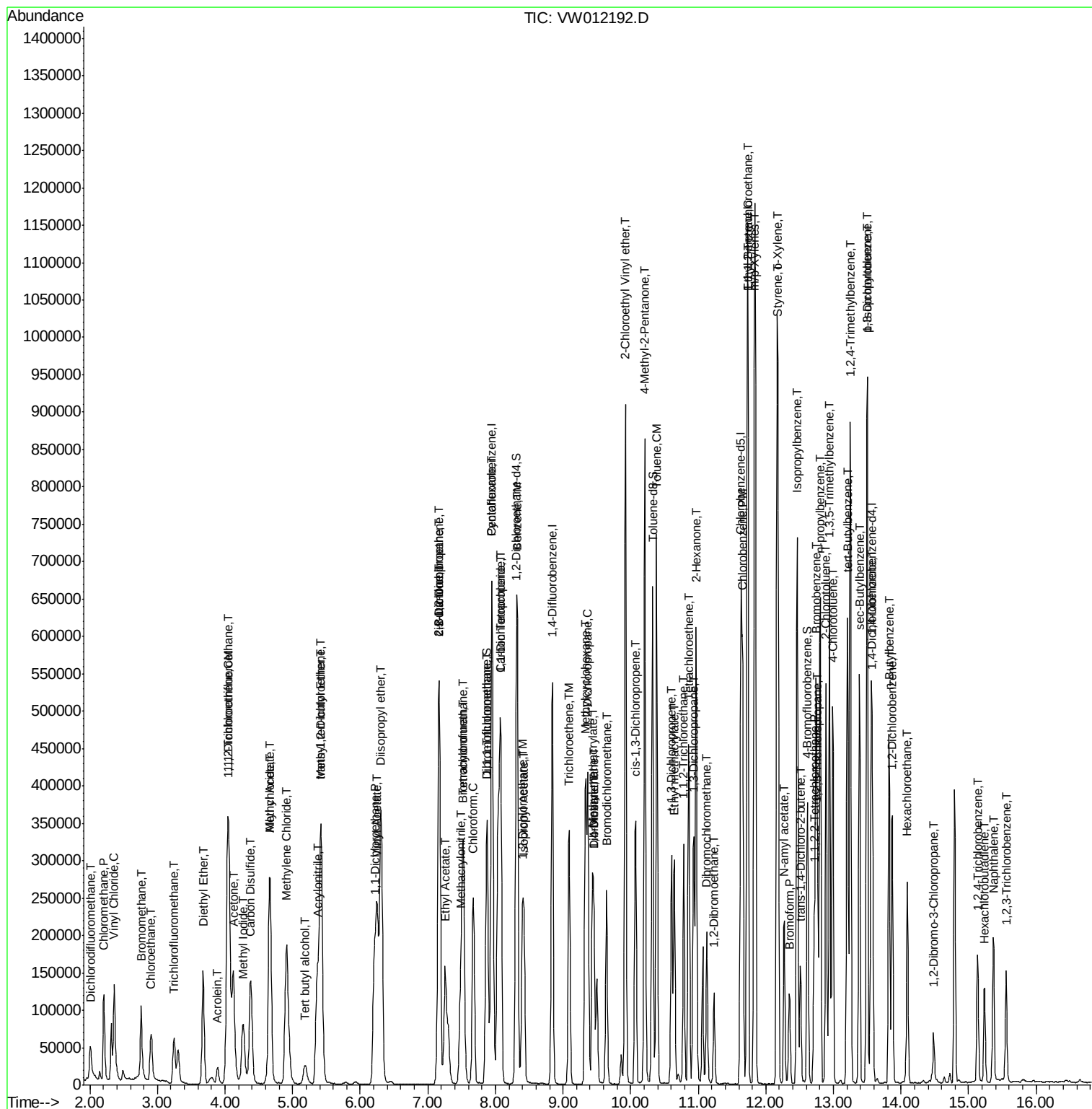
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Data File : VW012192.D
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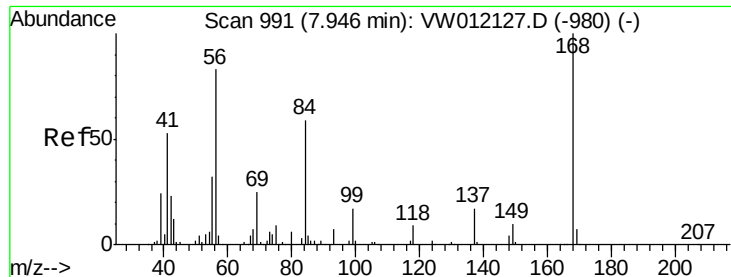
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012192.D

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Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:168 Resp: 248335

Ion Ratio Lower Upper

168 100

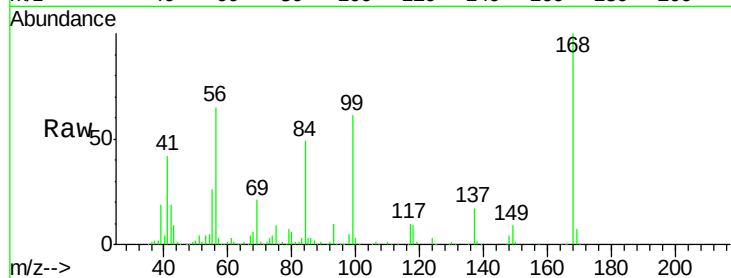
99 60.5 49.2 73.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

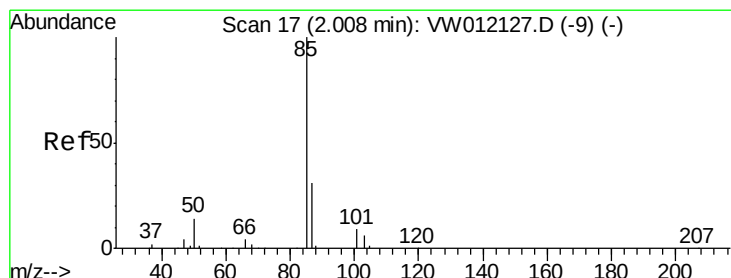
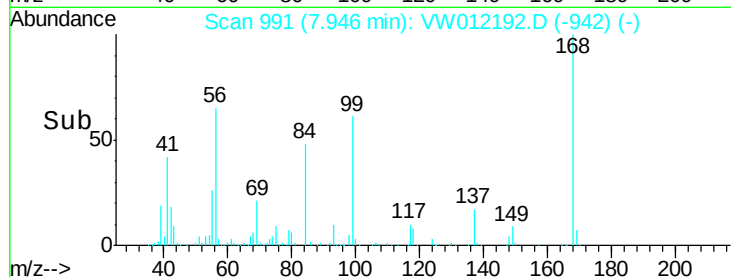
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.548 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012192.D

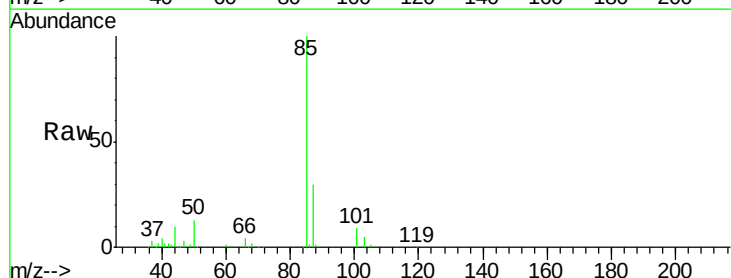
Acq: 27 Aug 2019 00:41

Tgt Ion: 85 Resp: 77293

Ion Ratio Lower Upper

85 100

87 30.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

25000

20000

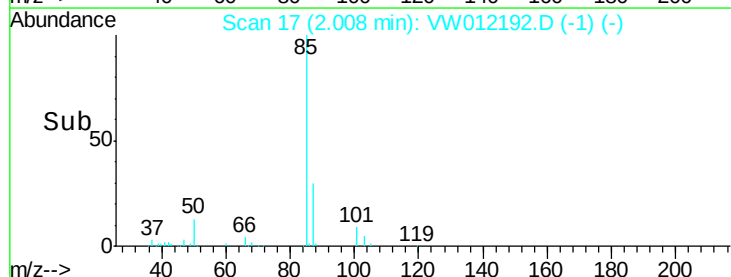
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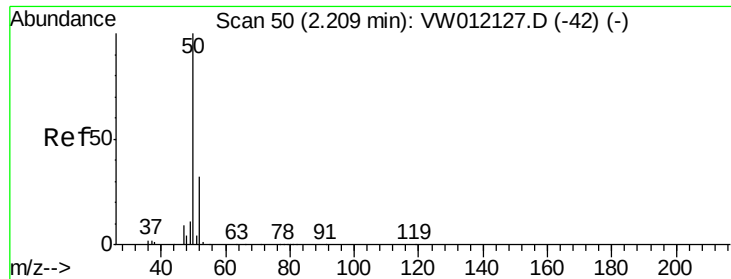
10000

5000

0

Time-->





#3

Chloromethane

Concen: 49.302 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 50 Resp: 116796

Ion Ratio Lower Upper

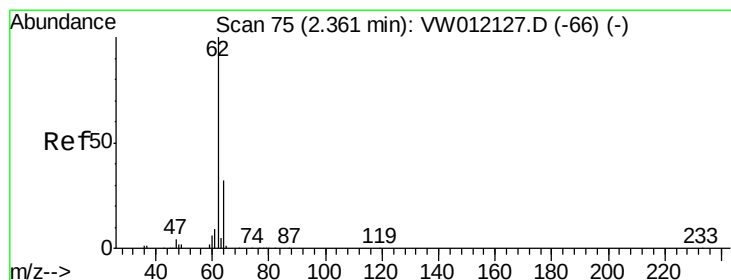
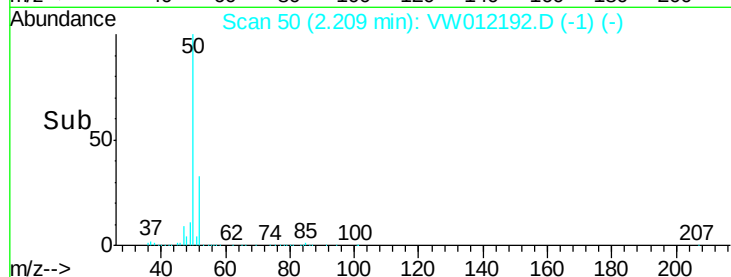
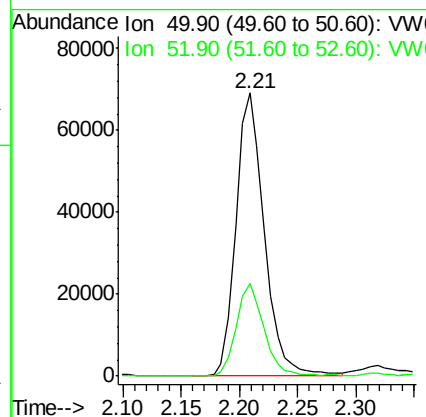
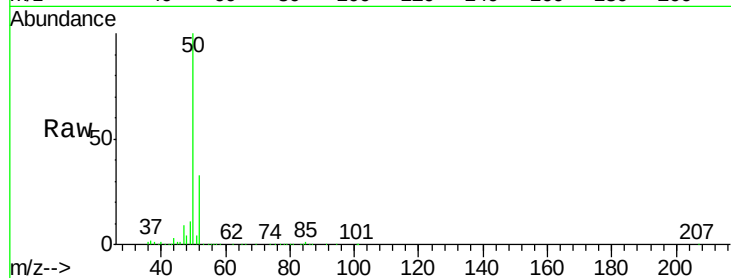
50 100

52 32.7 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.044 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012192.D

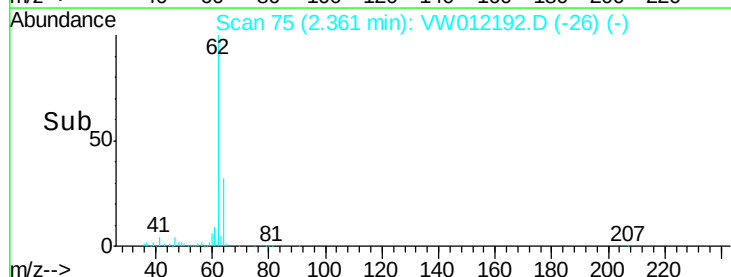
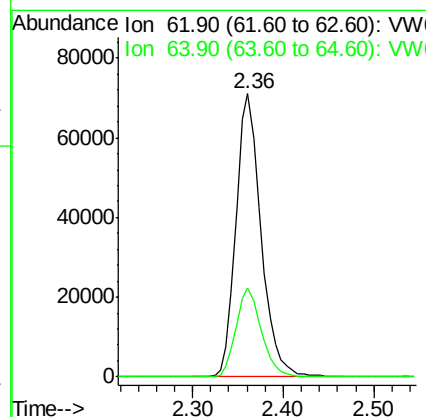
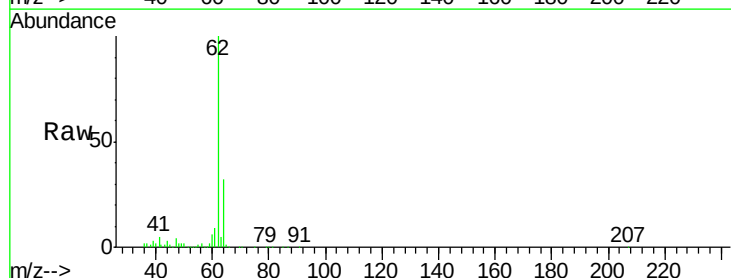
Acq: 27 Aug 2019 00:41

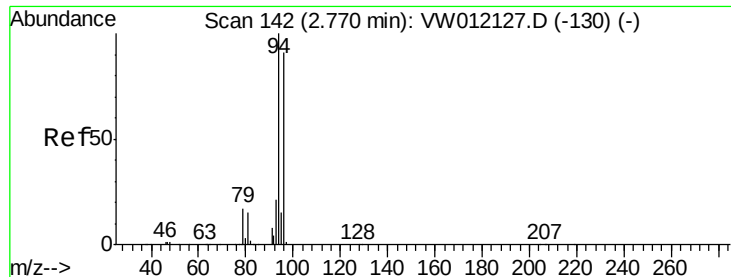
Tgt Ion: 62 Resp: 136408

Ion Ratio Lower Upper

62 100

64 31.5 25.3 37.9





#5

Bromomethane

Concen: 43.989 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW012192.D

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ClientSampleId :

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Tot Ion: 94 Resp: 64596

Ion Ratio Lower Upper

94 100

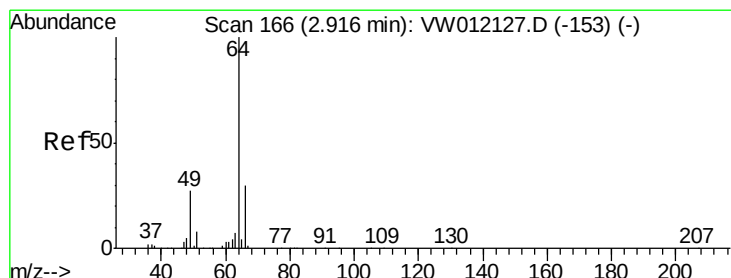
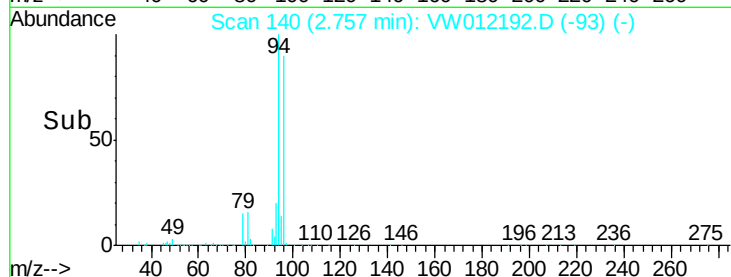
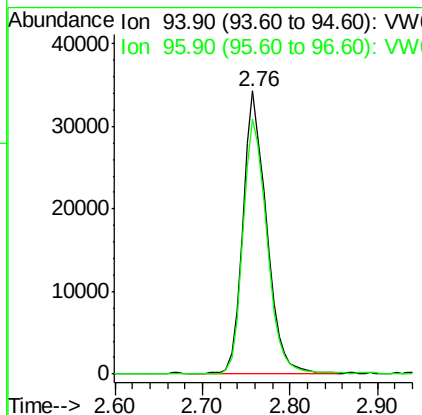
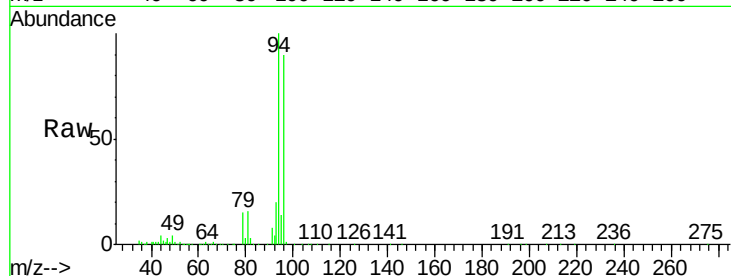
96 90.1 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 46.465 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012192.D

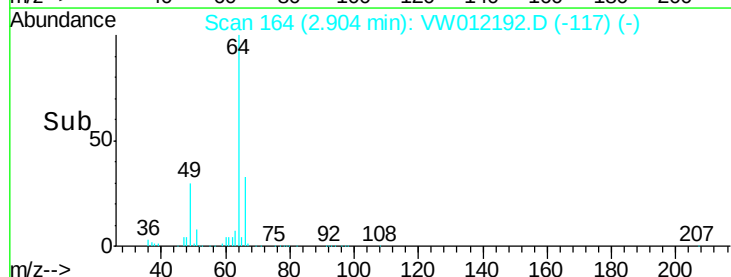
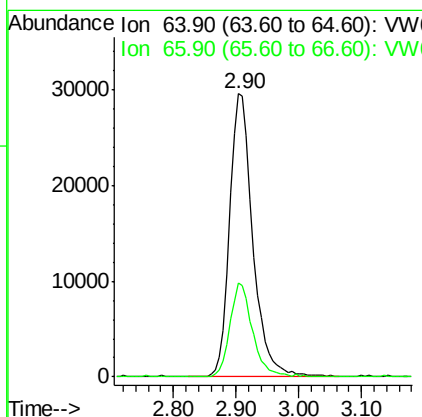
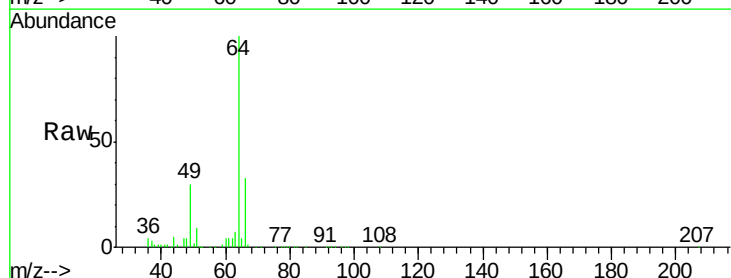
Acq: 27 Aug 2019 00:41

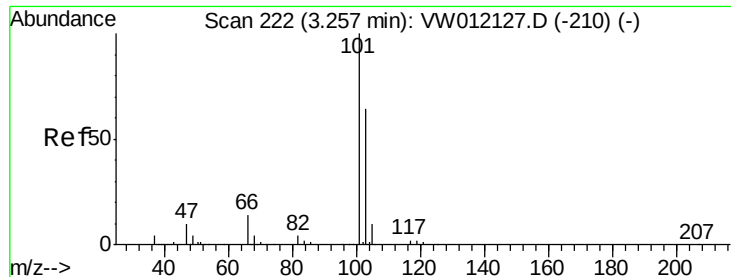
Tgt Ion: 64 Resp: 76002

Ion Ratio Lower Upper

64 100

66 33.0 23.8 35.8





#7

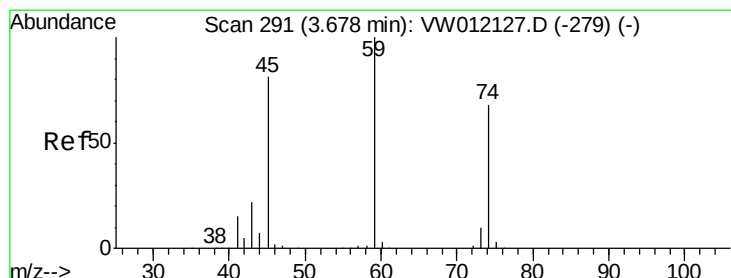
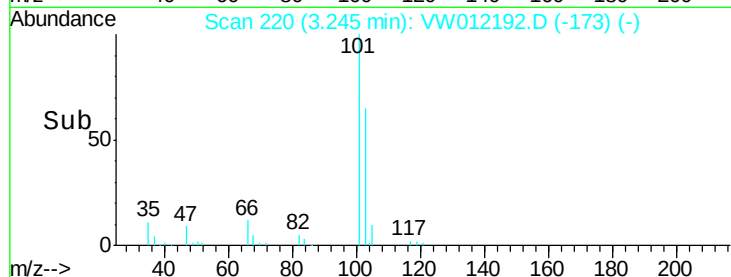
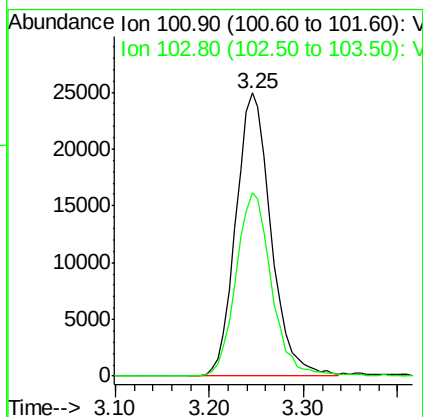
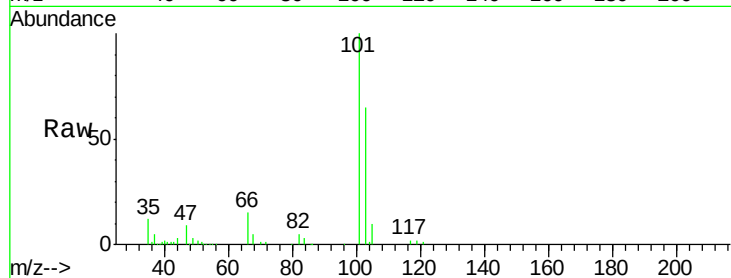
Trichlorofluoromethane
Concen: 44.614 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW012192.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		64956		
103	64.7	51.2	76.8		

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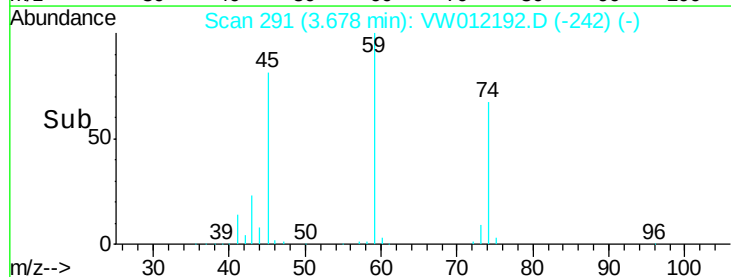
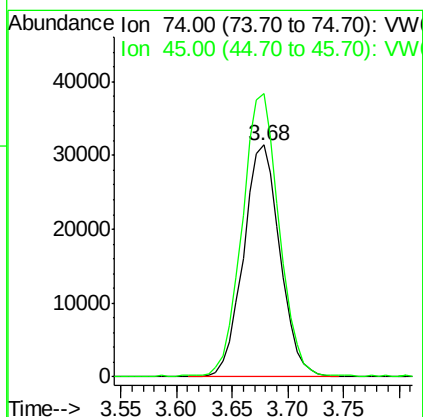
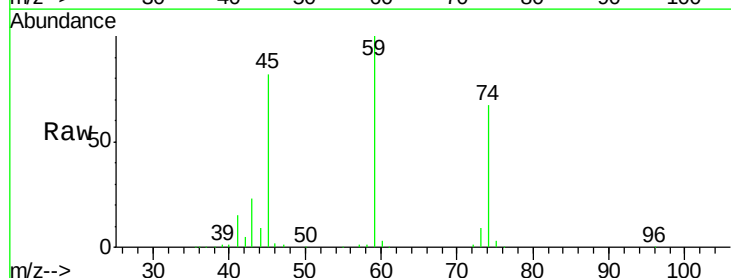
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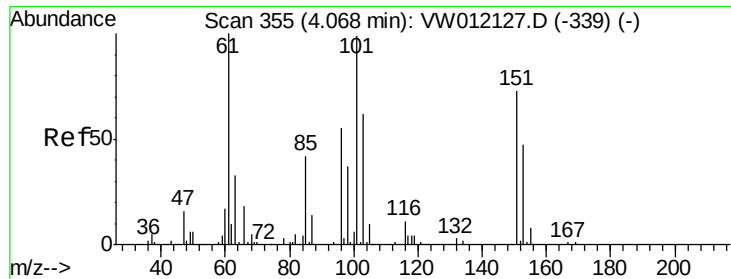


#8

Diethyl Ether
Concen: 51.957 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012192.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		71804		
45	122.2	59.2	177.6		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 69.972 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

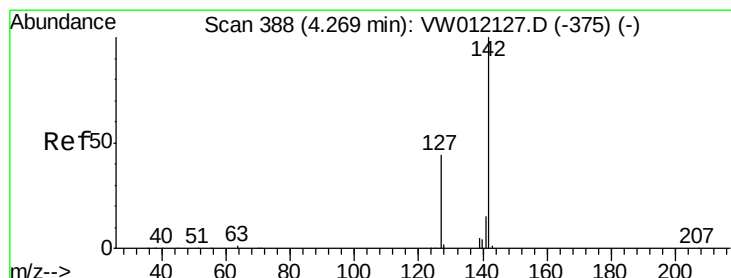
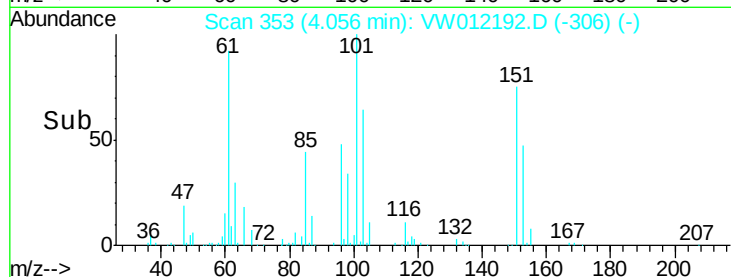
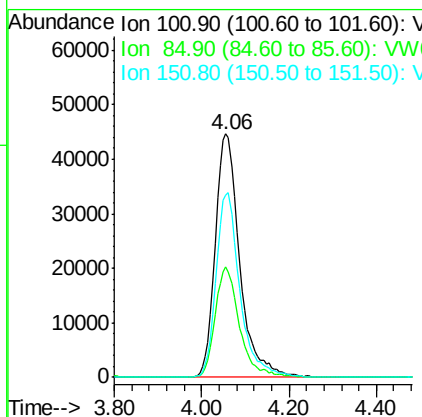
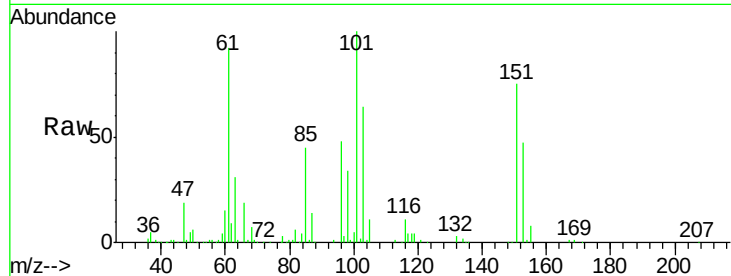
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	101	Resp:	173167
Ion Ratio	Lower	Upper	
101	100		
85	45.2	35.8	53.6
151	73.8	58.6	87.8

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#10

Methyl Iodide

Concen: 46.602 ug/l

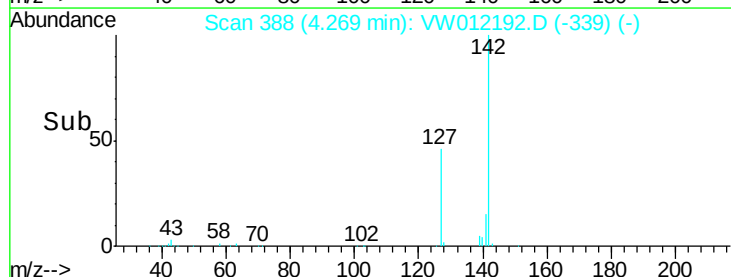
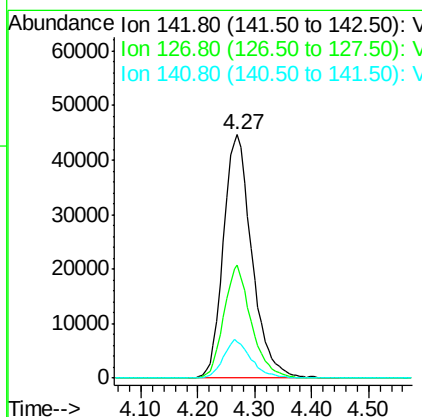
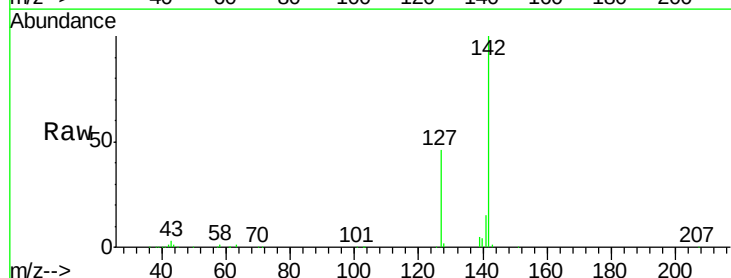
RT: 4.27 min Scan# 388

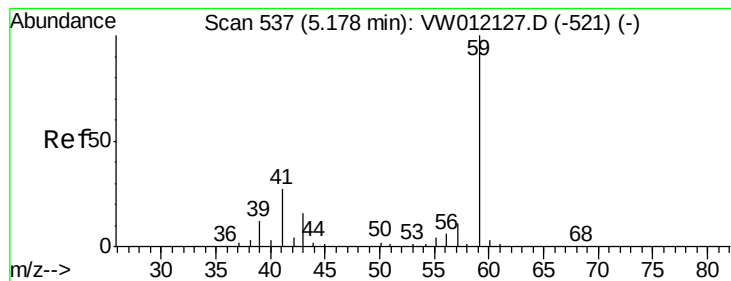
Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion:	142	Resp:	156048
Ion Ratio	Lower	Upper	
142	100		
127	44.8	35.5	53.3
141	15.1	11.8	17.8





#11

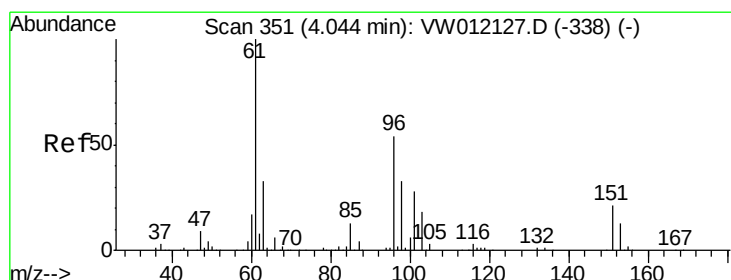
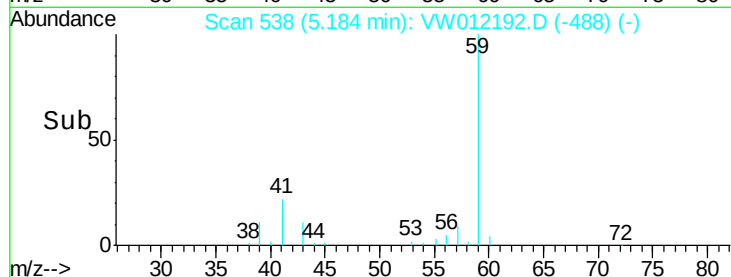
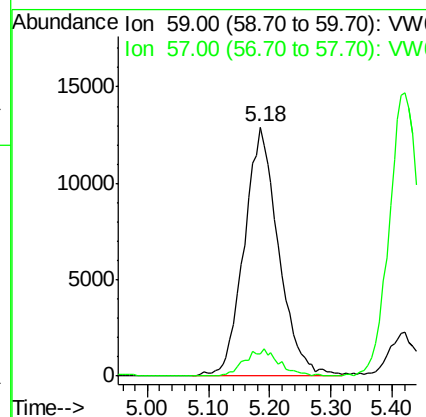
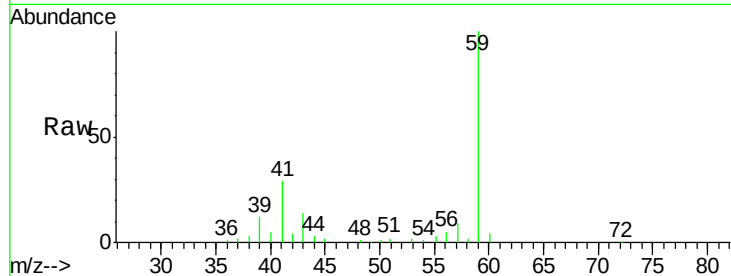
Tert butyl alcohol
 Concen: 284.556 ug/l
 RT: 5.18 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	9.0	13.4

Manual Integrations
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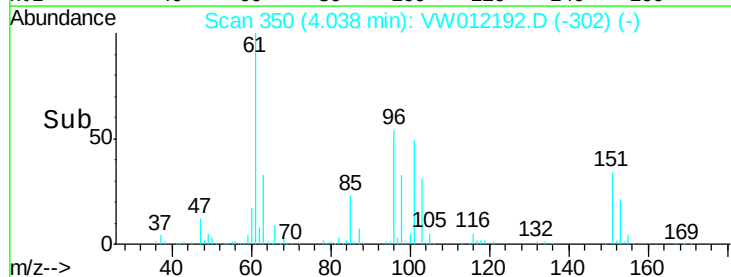
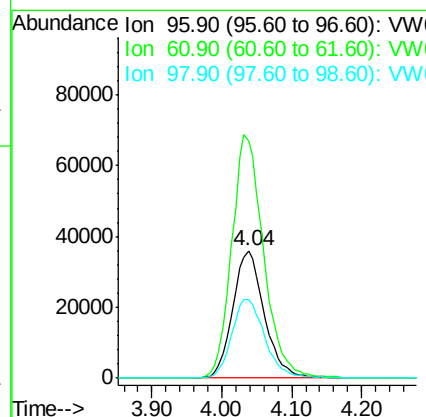
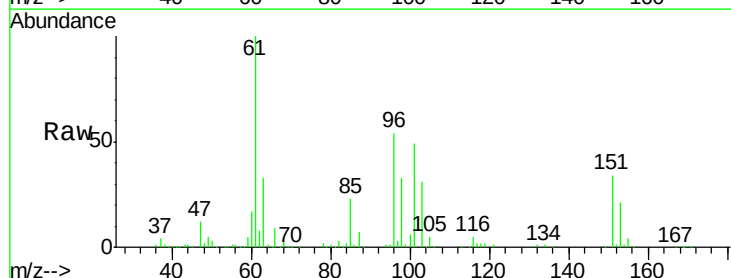
MMDadoda
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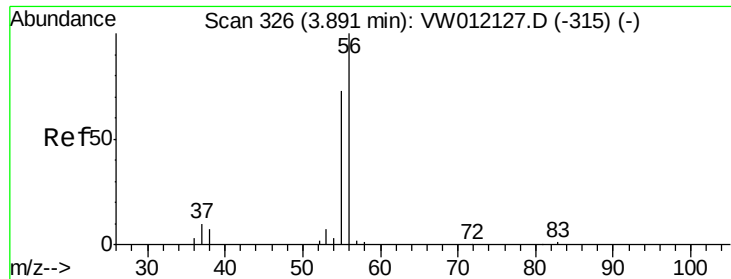


#12

1,1-Dichloroethene
 Concen: 45.405 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	185.9	149.1	223.7
98	61.8	49.4	74.2





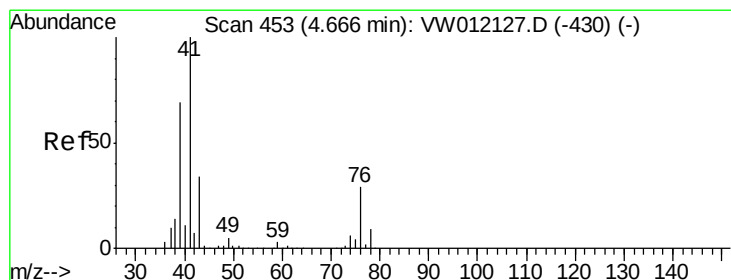
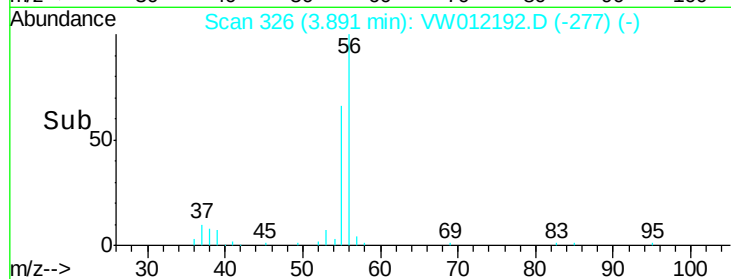
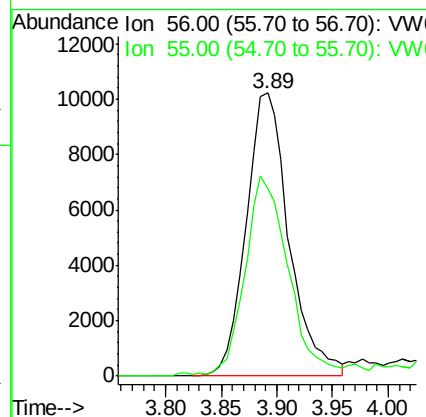
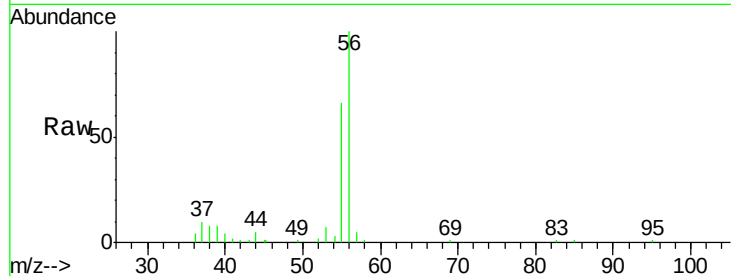
#13
Acrolein
Concen: 164.007 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	56	55	Ratio	Lower	Upper
27427	100	69.3		55.8	83.8

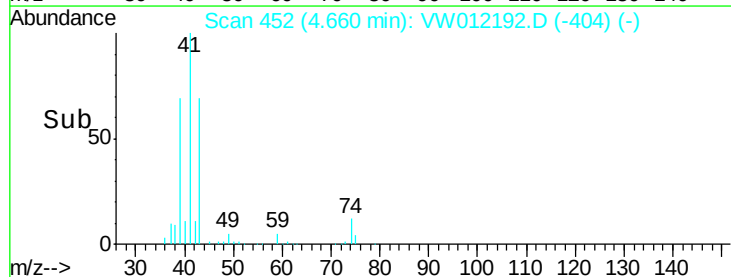
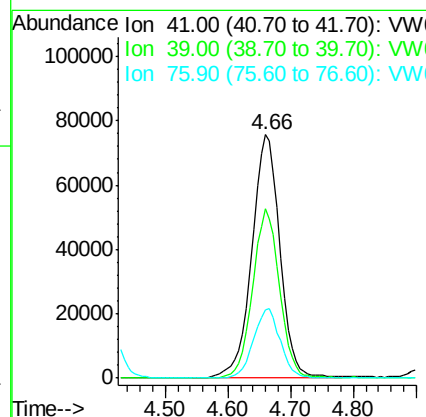
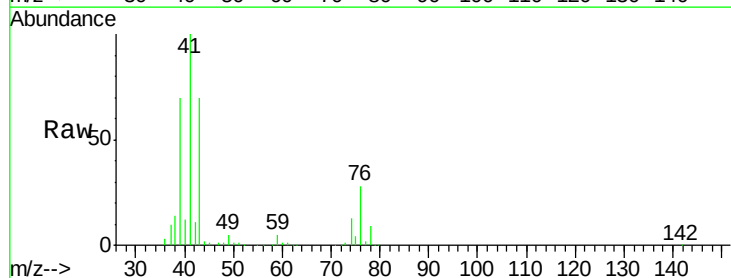
Manual Integrations
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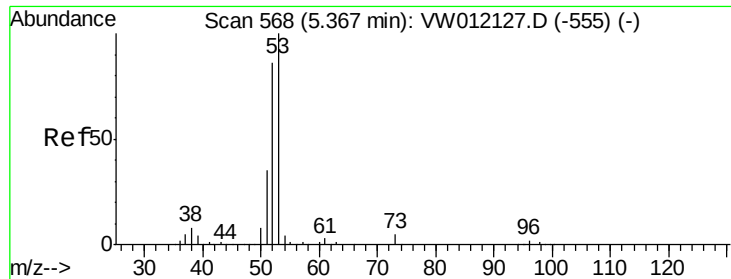
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#14
Allyl chloride
Concen: 43.936 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	41	39	76	Ratio	Lower	Upper
233971	100	66.4	27.2		53.4	80.2





#15

Acrylonitrile

Concen: 271.244 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

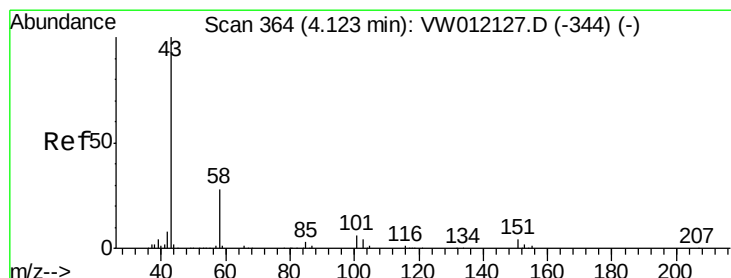
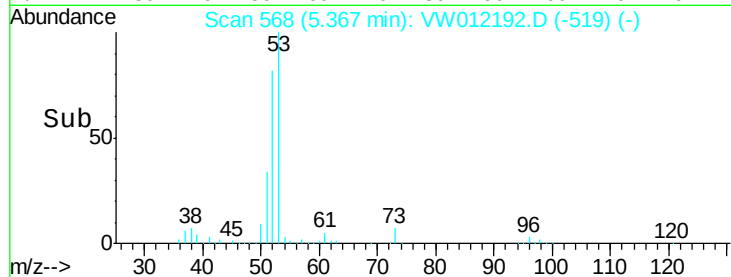
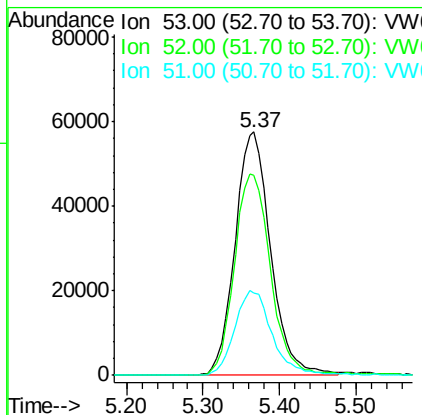
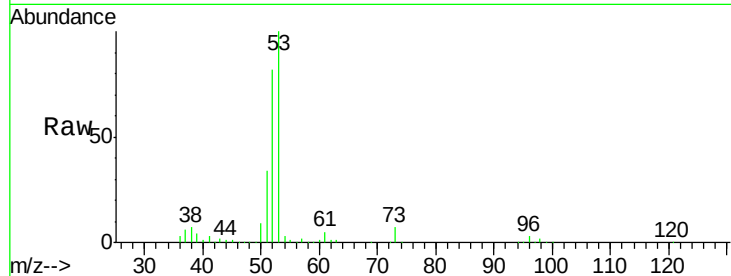
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	53	Resp:	185800
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.7	100.1
51	36.8	30.1	45.1

Manual Integrations
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#16

Acetone

Concen: 304.412 ug/l

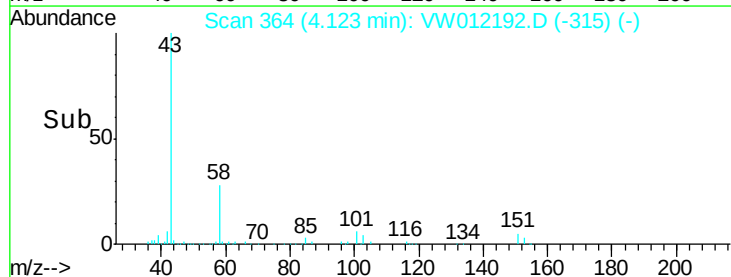
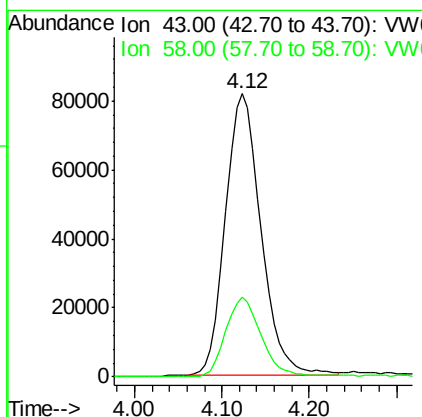
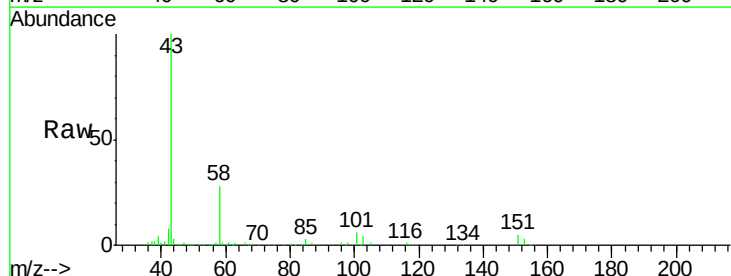
RT: 4.12 min Scan# 364

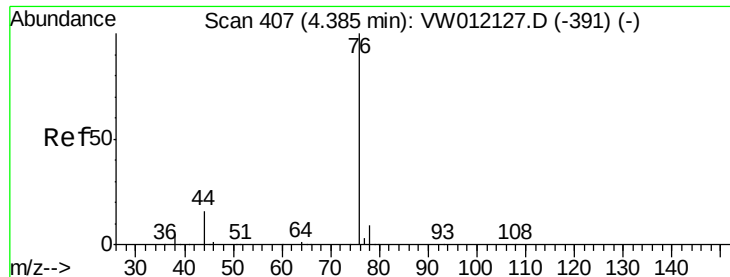
Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion:	43	Resp:	229715
Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.4	33.6





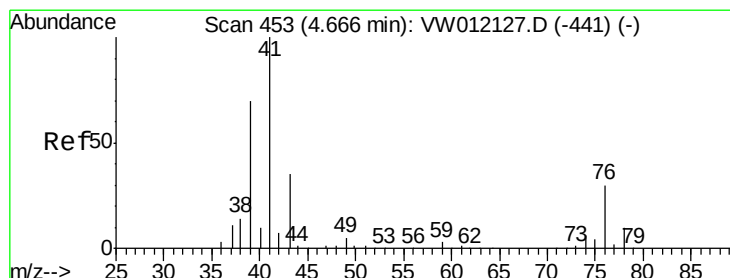
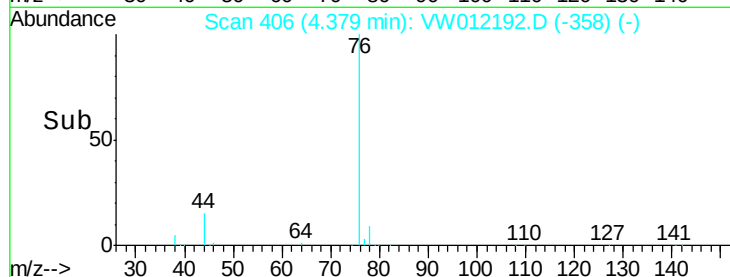
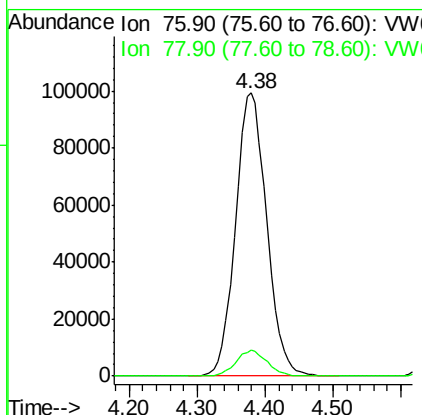
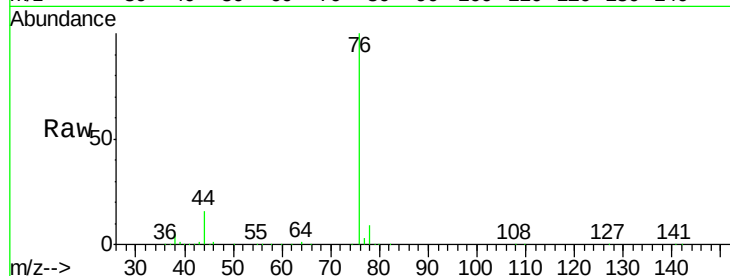
#17
Carbon Disulfide
Concen: 41.887 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

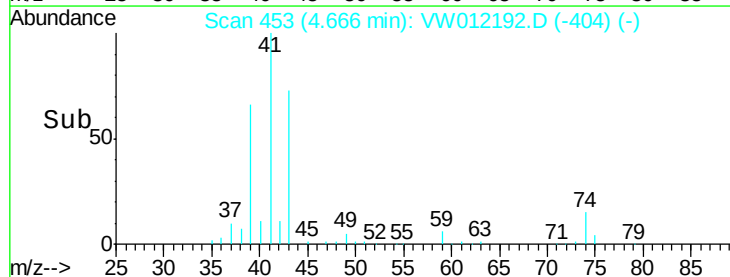
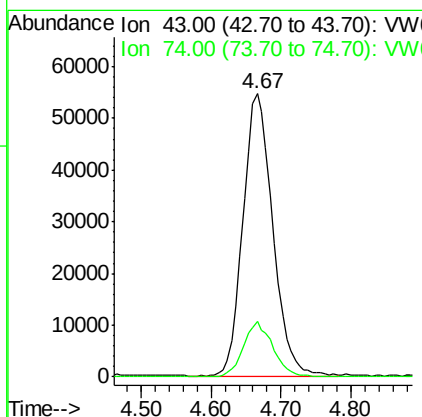
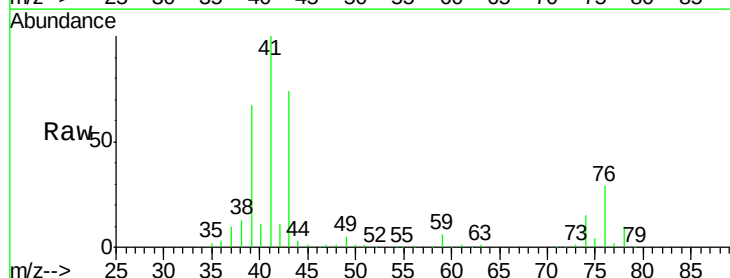
Manual Integrations
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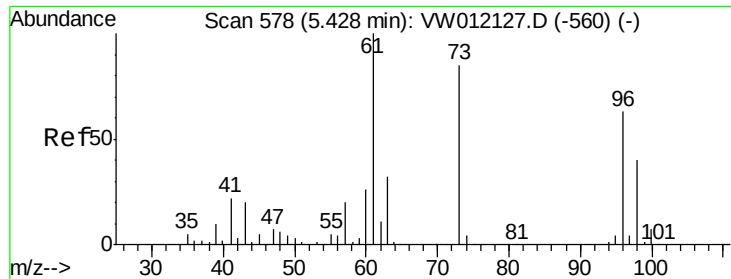
MMDadoda
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#18
Methyl Acetate
Concen: 86.284 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.2	15.7	23.5





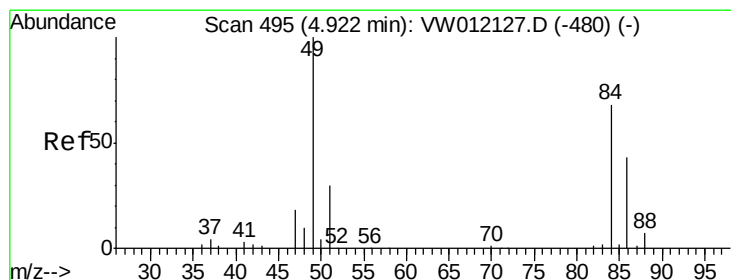
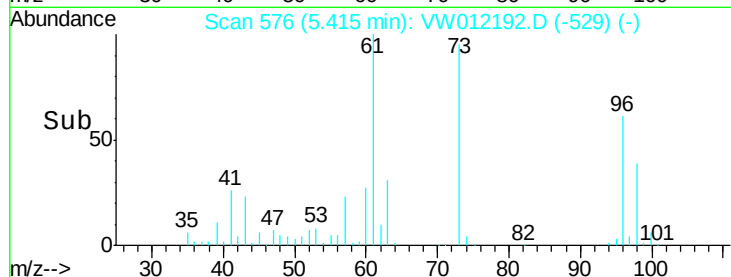
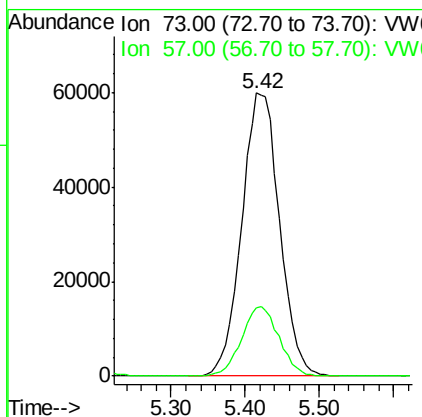
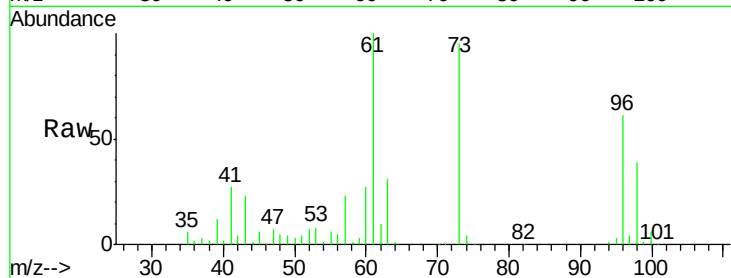
#19
Methyl tert-butyl Ether
Concen: 52.820 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion: 73 Resp: 212769
Ion Ratio Lower Upper
73 100
57 24.3 18.9 28.3

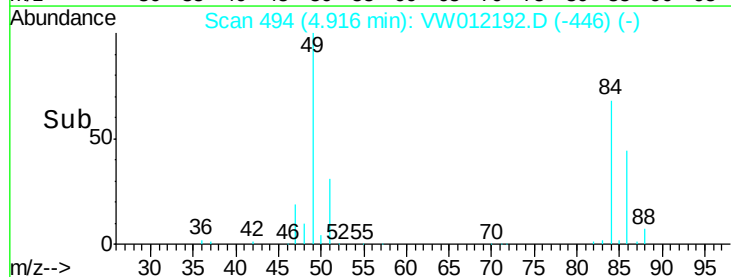
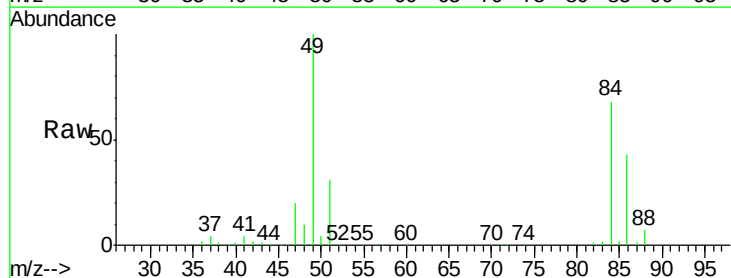
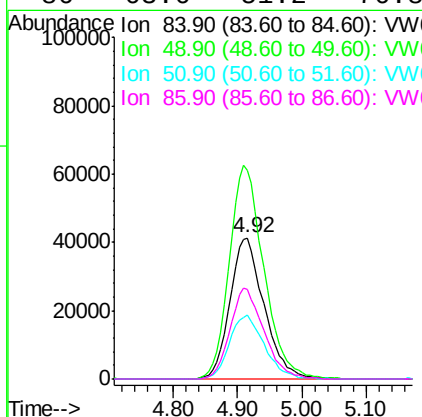
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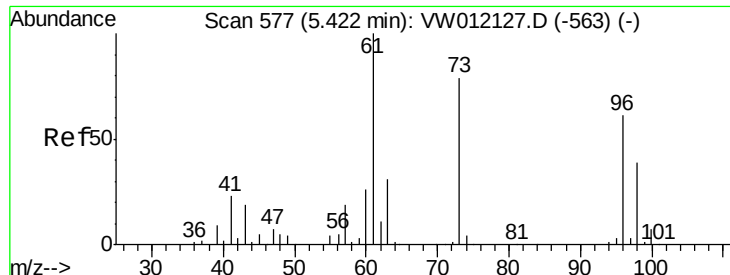
MMDadoda
8/27/2019 11:04:36 AM



#20
Methylene Chloride
Concen: 53.411 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion: 84 Resp: 152370
Ion Ratio Lower Upper
84 100
49 147.3 117.8 176.8
51 45.2 35.6 53.4
86 63.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 43.713 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion: 96 Resp: 116762

Ion Ratio Lower Upper

96 100

61 163.6 131.4 197.0

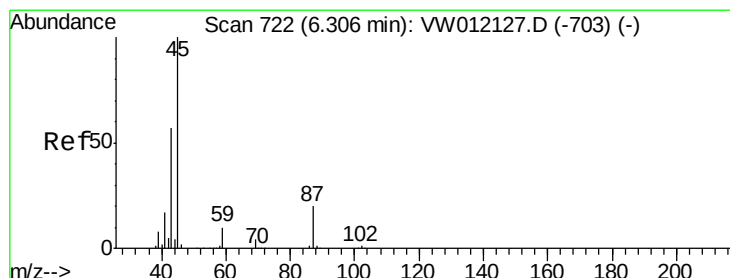
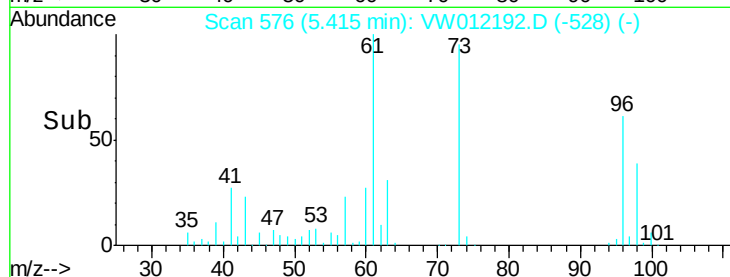
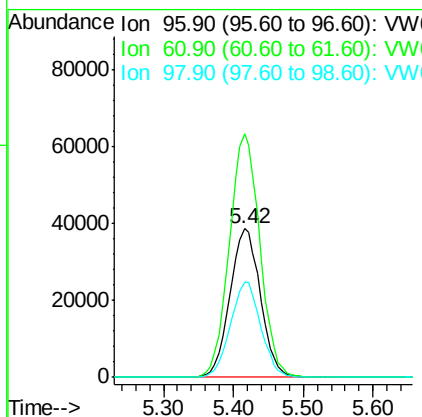
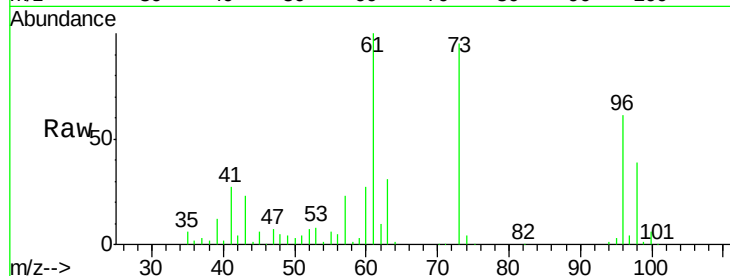
98 64.0 51.4 77.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 50.437 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion: 45 Resp: 497853

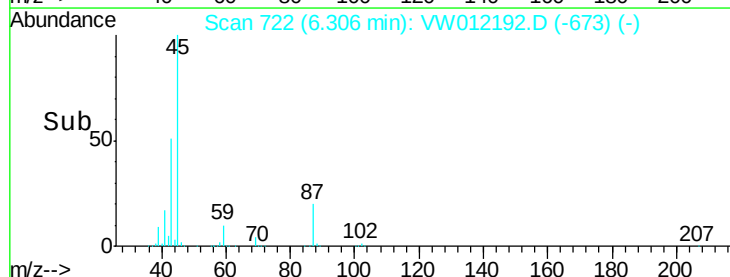
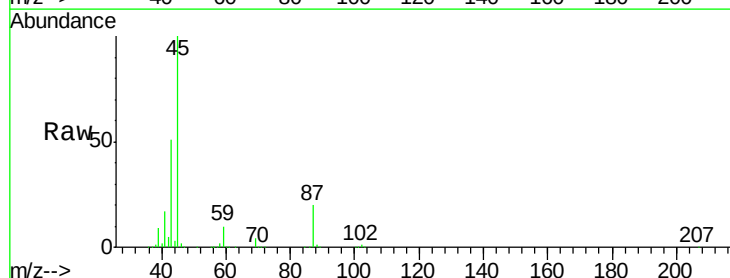
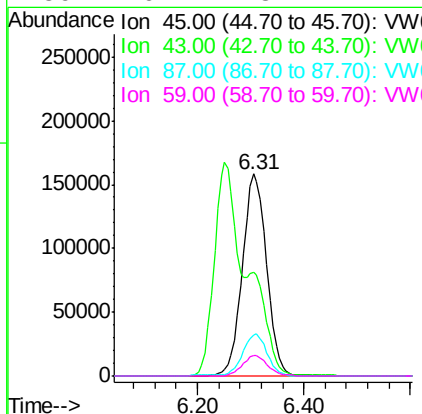
Ion Ratio Lower Upper

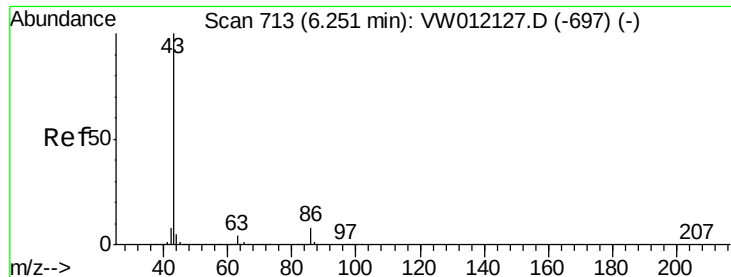
45 100

43 51.1 45.5 68.3

87 20.2 16.1 24.1

59 10.1 8.2 12.2





#23

Vinyl Acetate

Concen: 86.843 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion: 43 Resp: 527541

Ion Ratio Lower Upper

43 100

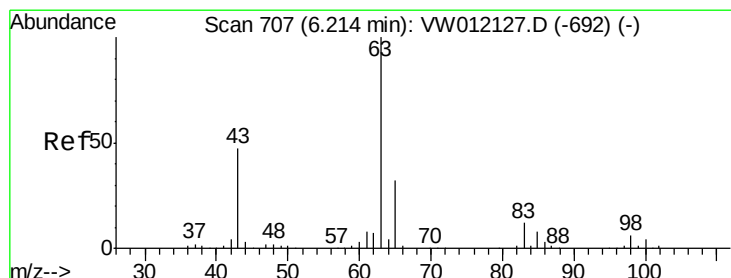
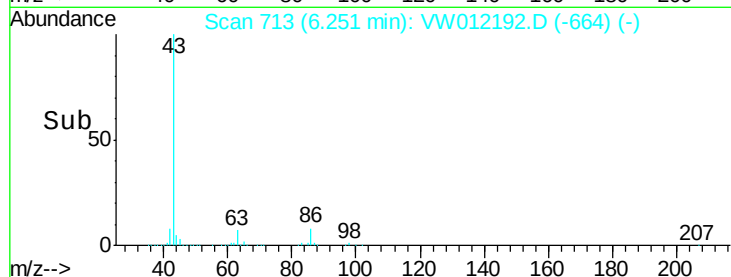
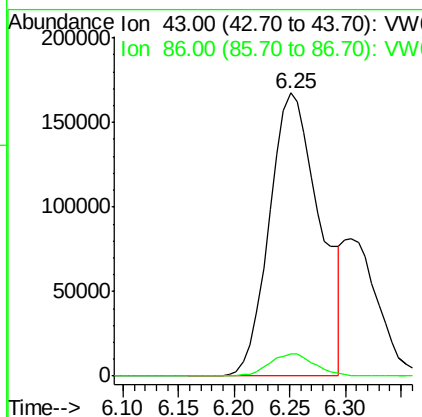
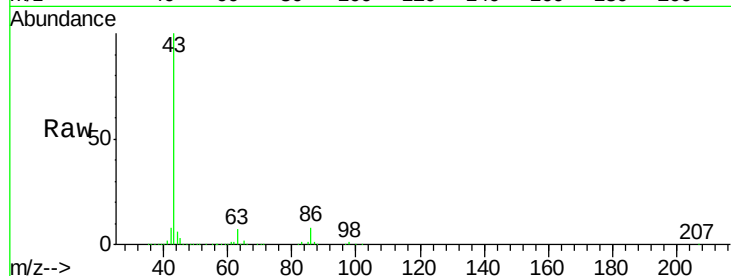
86 7.7 6.5 9.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.880 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

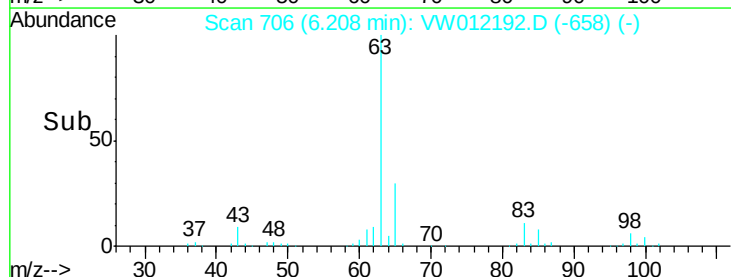
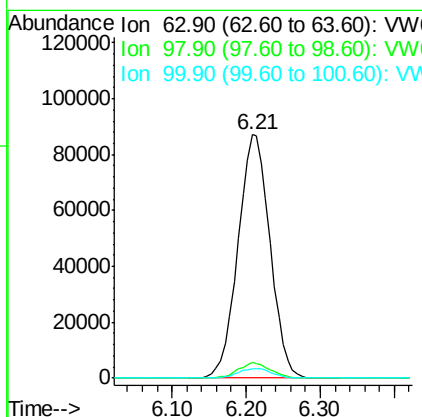
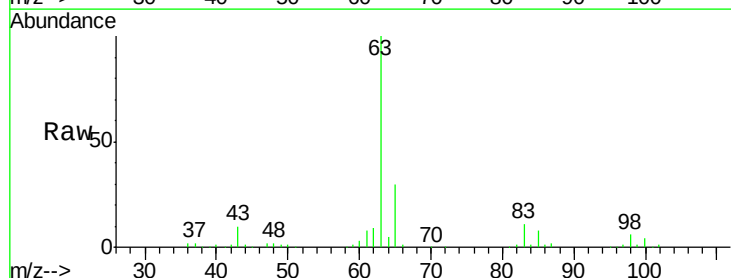
Tgt Ion: 63 Resp: 262704

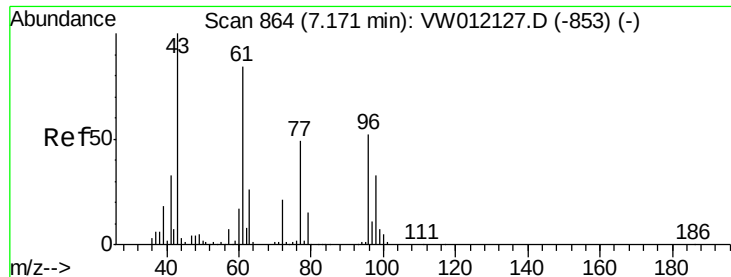
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 271.825 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion: 43 Resp: 278740

Ion Ratio Lower Upper

43 100

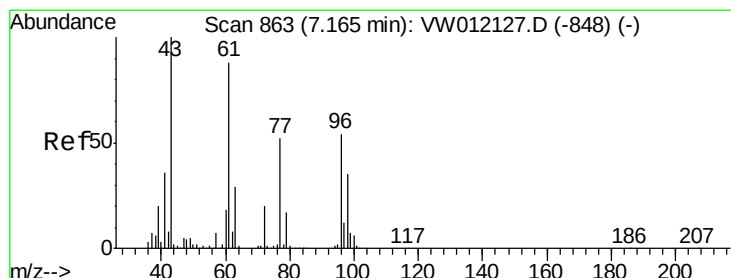
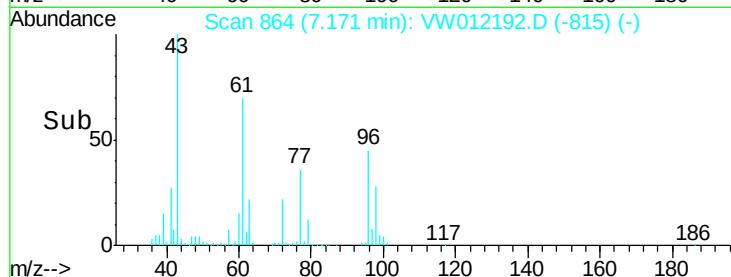
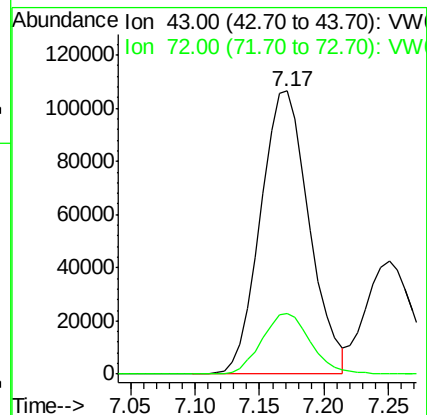
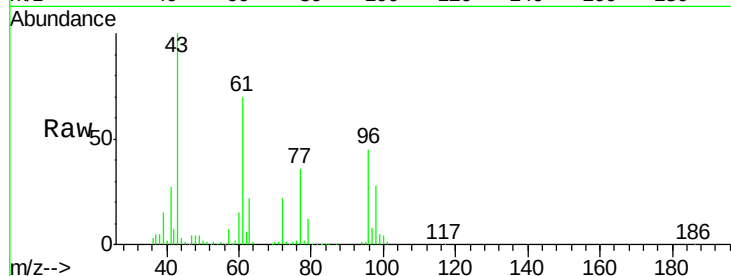
72 21.6 16.6 24.8

Manual Integrations

APPROVED

MMDadoda

8/27/2019 11:04:36 AM



#26

2,2-Dichloropropane

Concen: 41.296 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012192.D

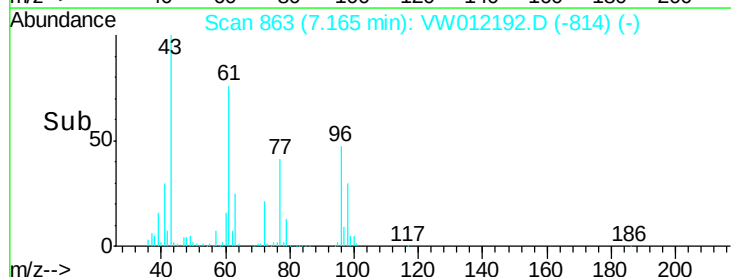
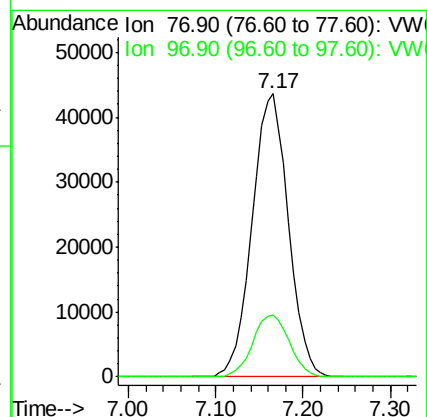
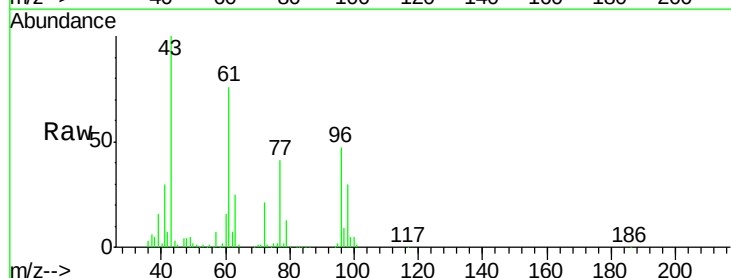
Acq: 27 Aug 2019 00:41

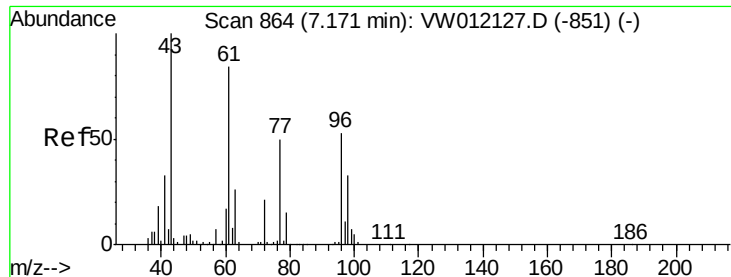
Tgt Ion: 77 Resp: 125623

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.1





#27

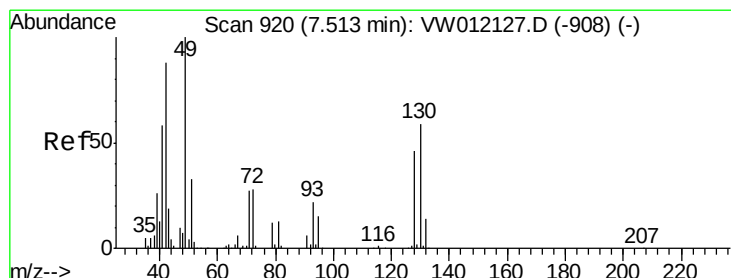
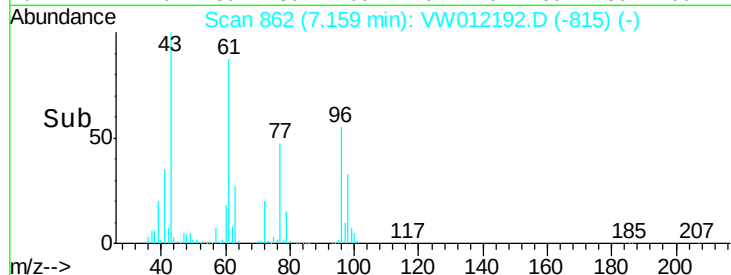
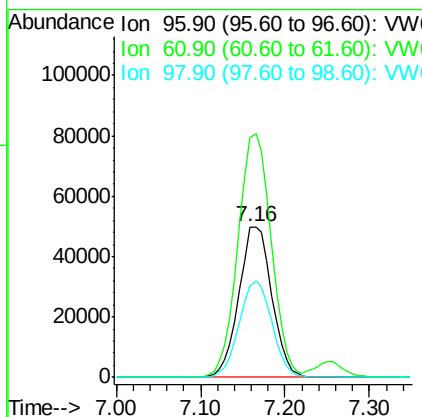
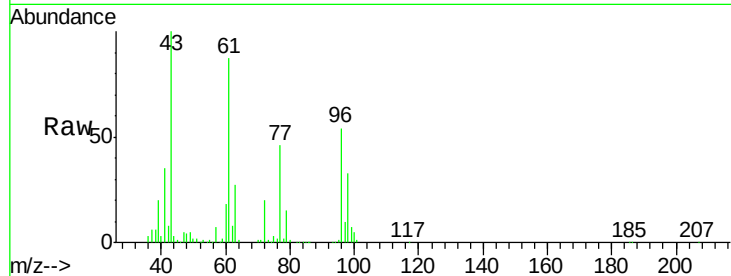
cis-1,2-Dichloroethene
 Concen: 46.243 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	131970		
61	163.1	0.0	326.6	
98	63.5	0.0	127.4	

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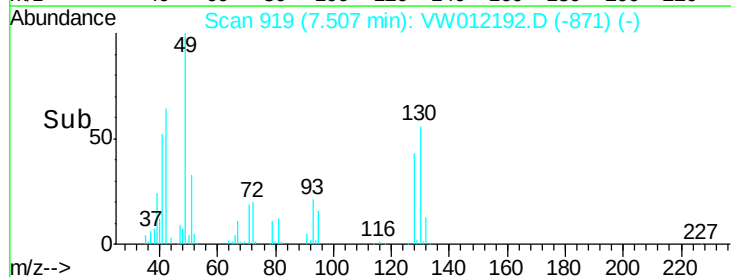
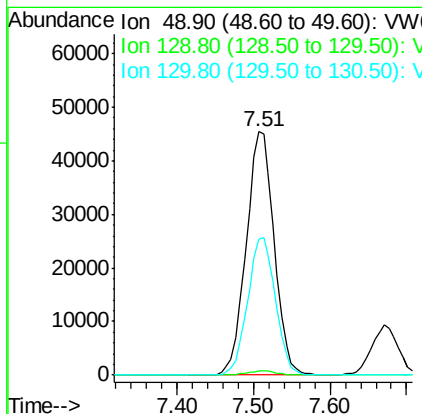
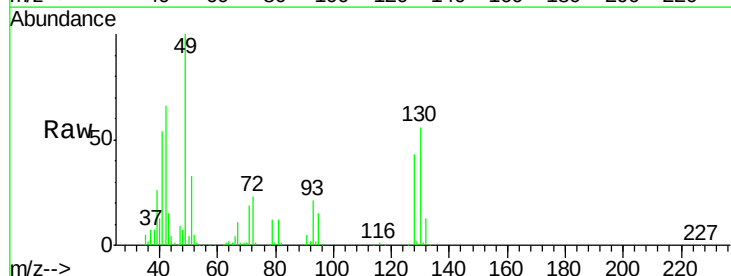
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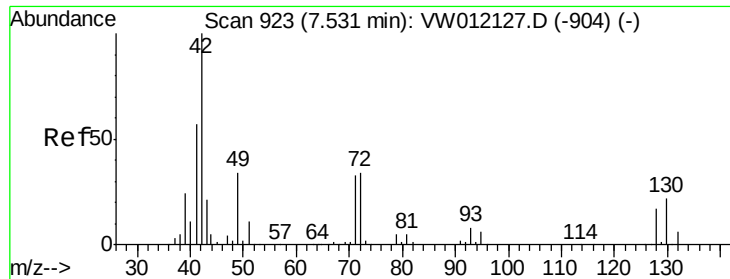


#28

Bromochloromethane
 Concen: 49.251 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	115368		
129	1.7	0.0	1.4#	
130	56.1	45.5	68.3	





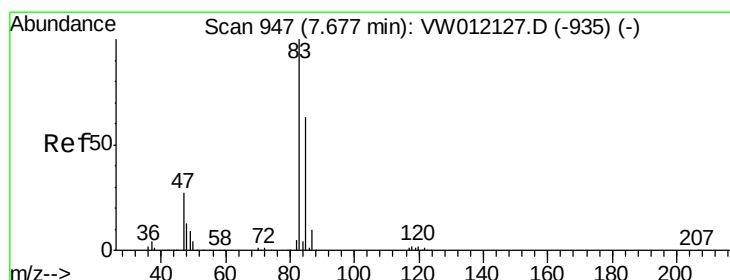
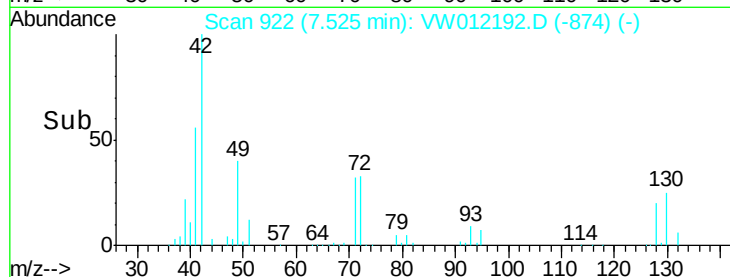
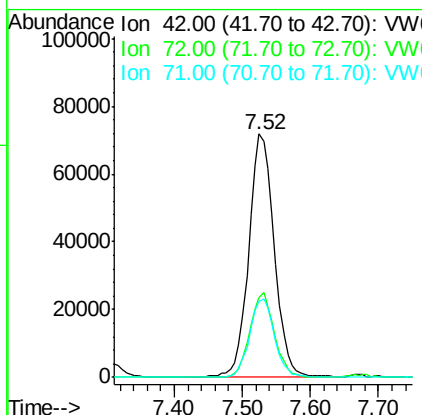
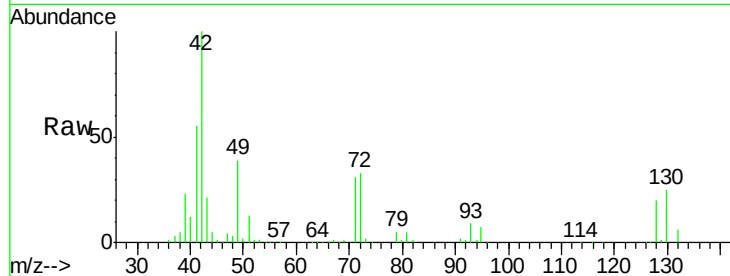
#29
Tetrahydrofuran
Concen: 303.865 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.6	27.3	40.9
71	31.5	25.5	38.3

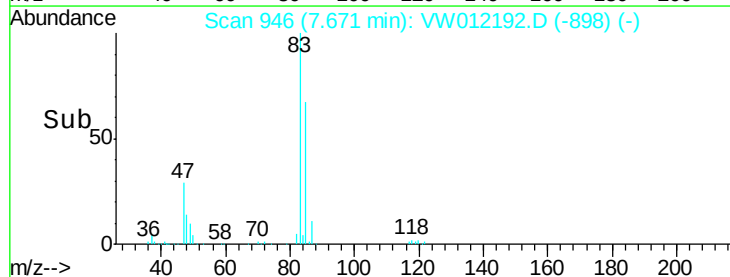
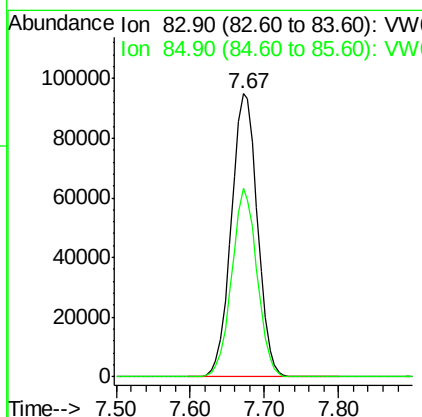
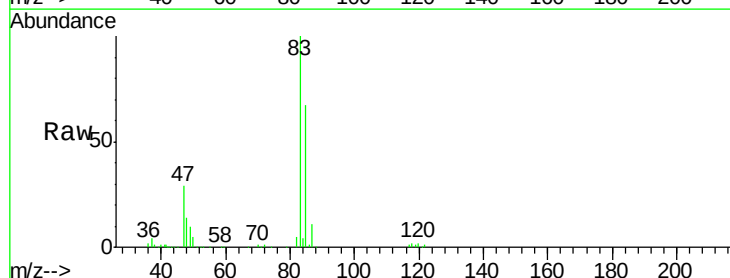
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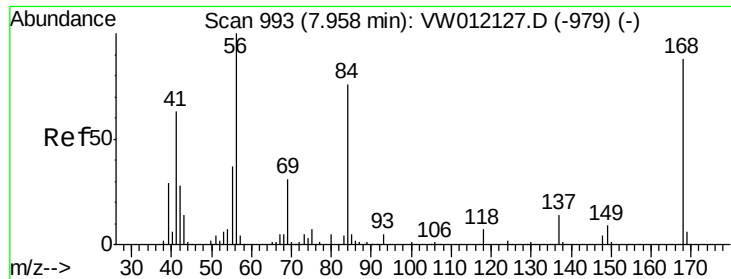
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8/27/2019 11:04:36 AM



#30
Chloroform
Concen: 47.550 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.8	50.6	76.0





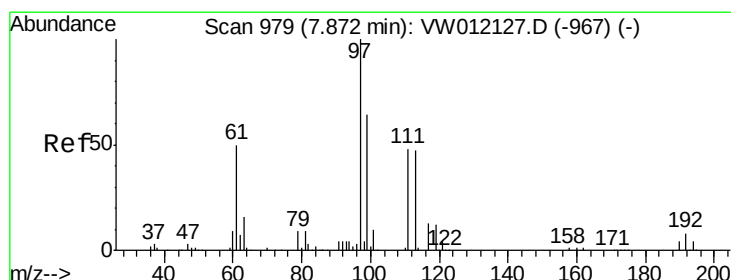
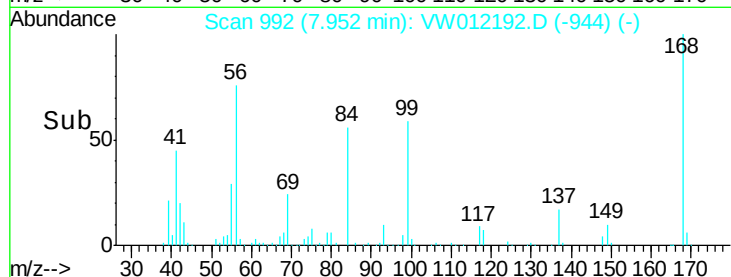
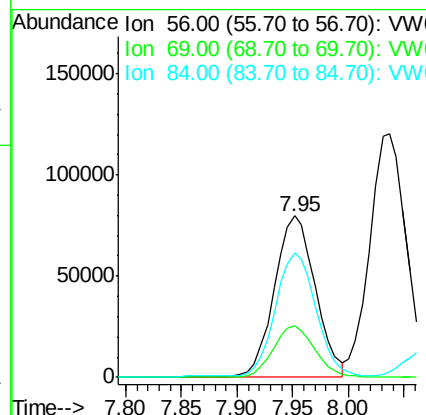
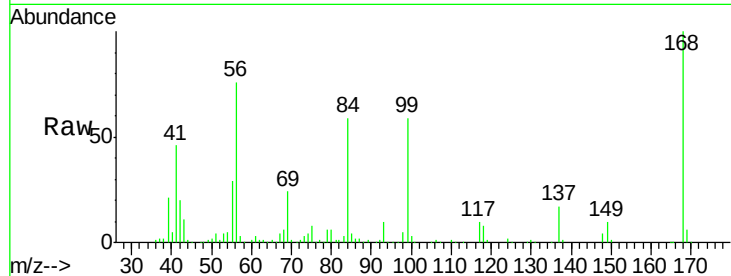
#31
Cyclohexane
Concen: 38.482 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	56	Resp	204622
Ion	Ratio	Lower	Upper
56	100		
69	32.3	24.9	37.3
84	76.2	60.6	90.8

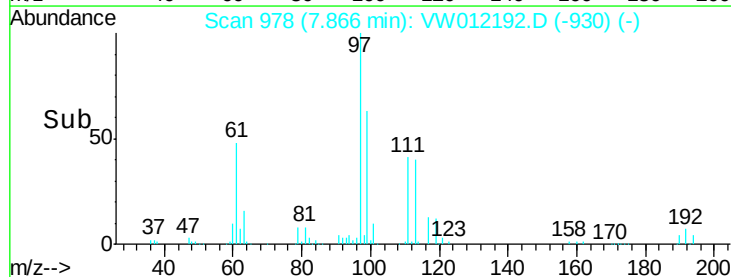
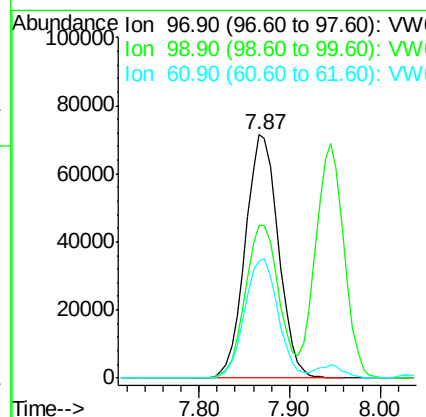
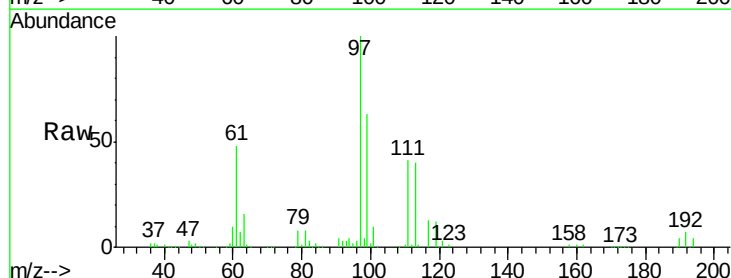
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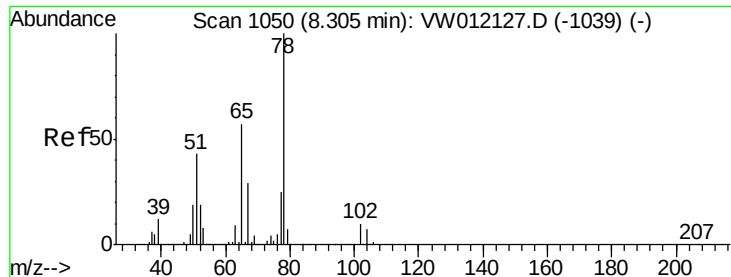
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#32
1,1,1-Trichloroethane
Concen: 46.549 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	97	Resp	181065
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	49.6	39.5	59.3





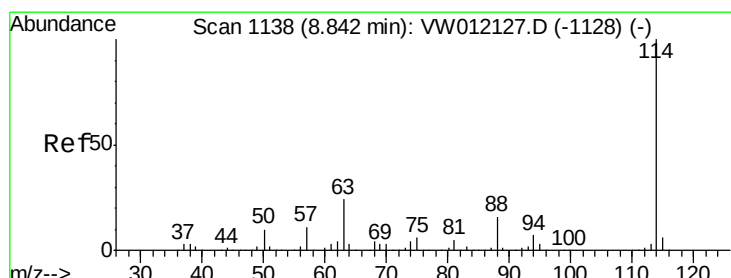
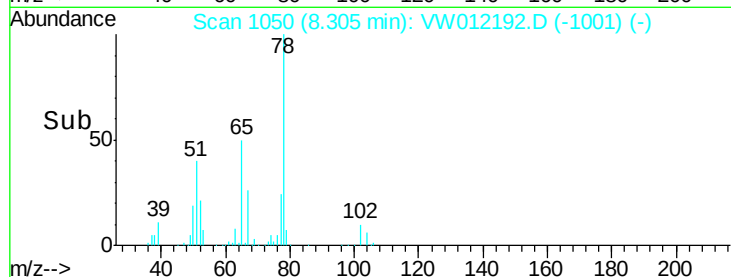
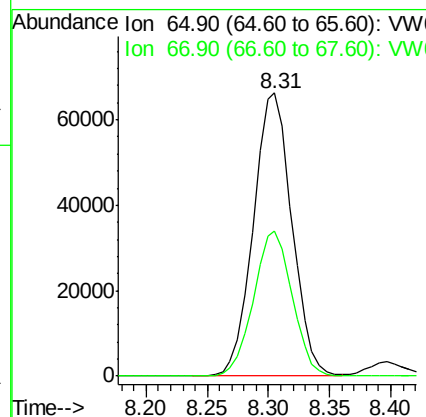
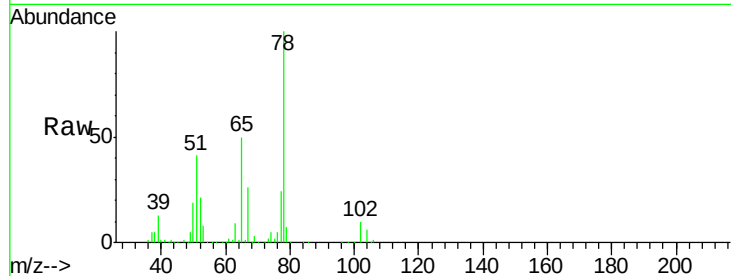
#33
 1,2-Dichloroethane-d4
 Concen: 49.149 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	145092		
67	51.4	0.0	102.6	

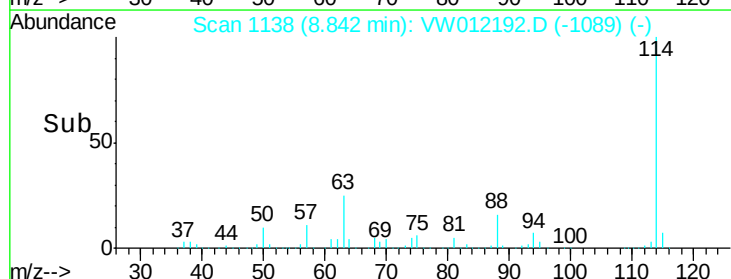
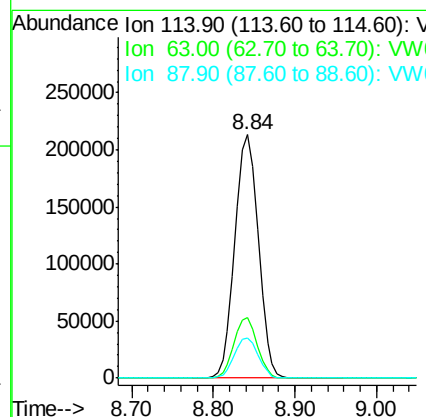
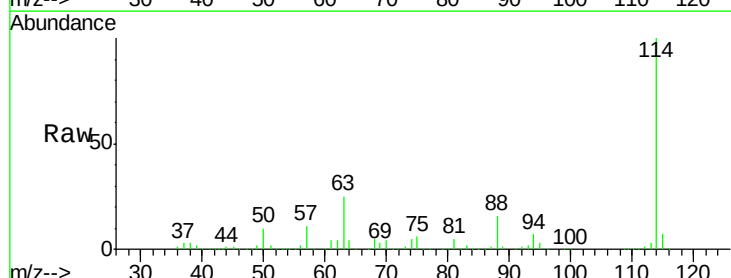
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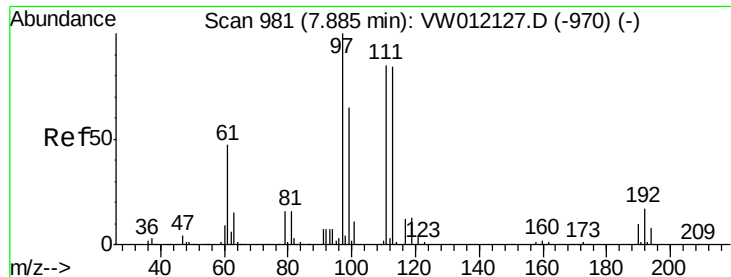
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	421815		
63	24.8	0.0	48.6	
88	16.4	0.0	32.2	





#35

Dibromofluoromethane

Concen: 44.420 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

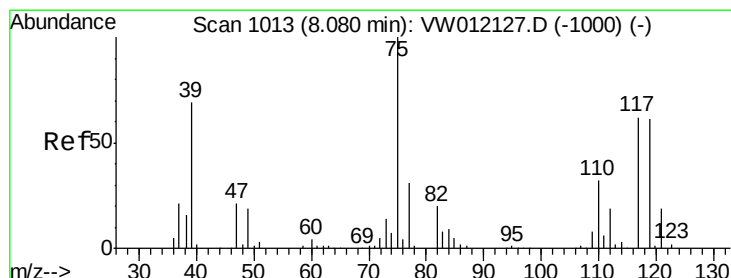
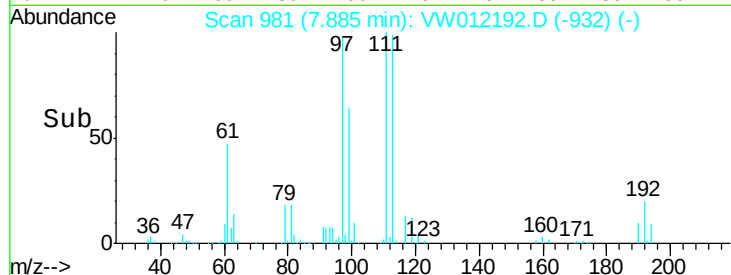
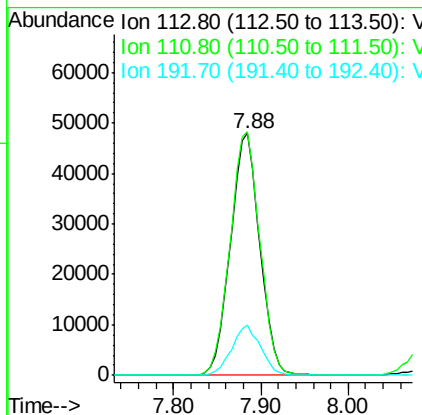
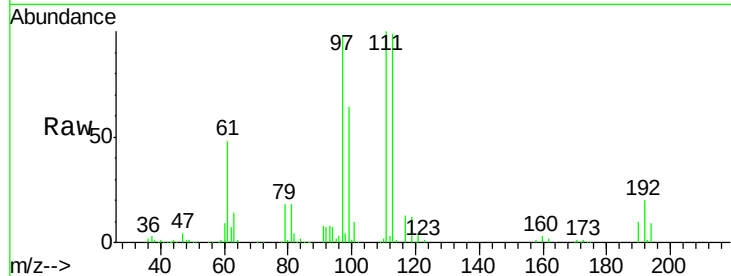
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	113	Resp:	111842
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.7	124.1
192	20.4	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 39.868 ug/l

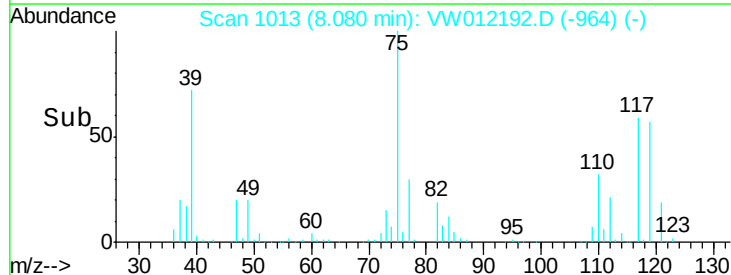
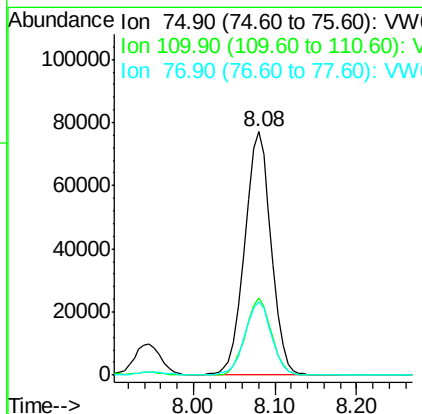
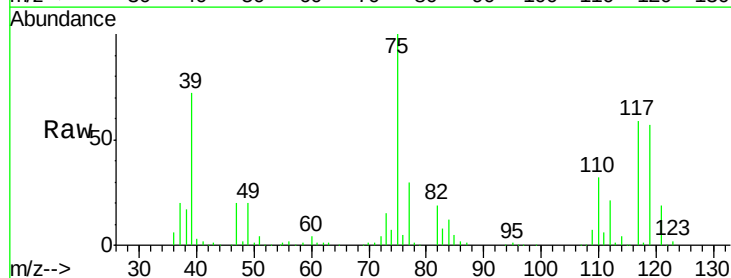
RT: 8.08 min Scan# 1013

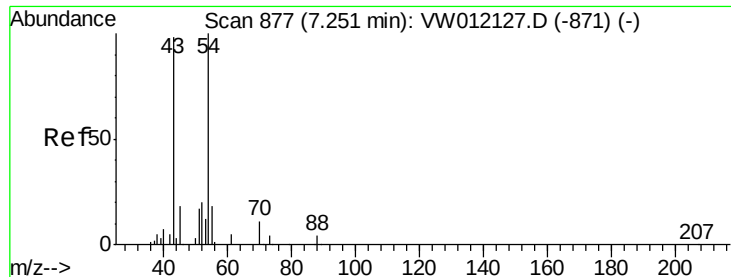
Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion:	75	Resp:	173782
Ion Ratio	Lower	Upper	
75	100		
110	31.2	15.6	46.8
77	30.5	24.6	36.8





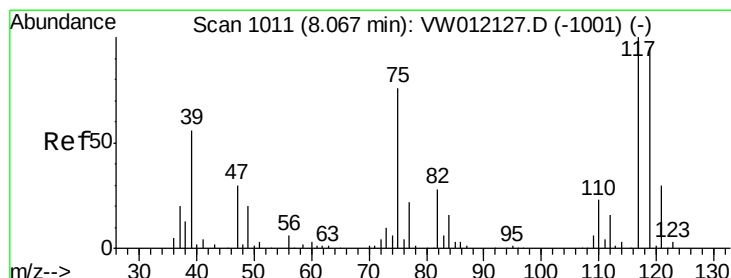
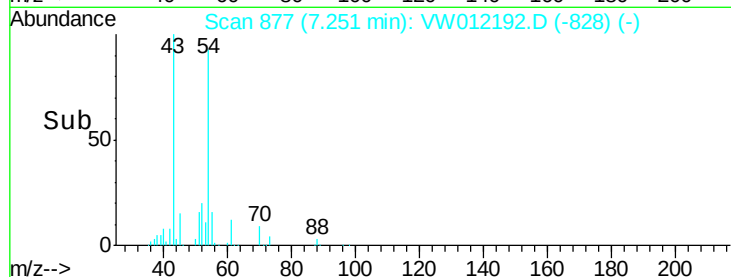
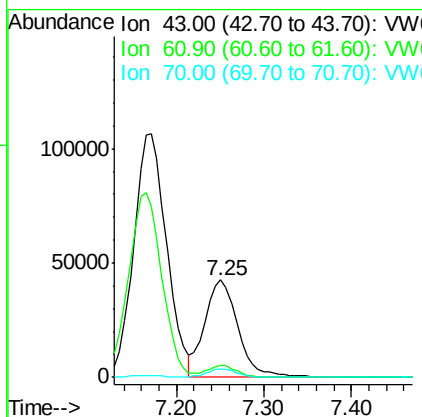
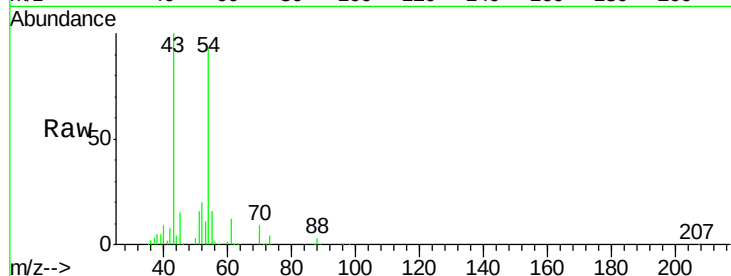
#37
Ethyl Acetate
Concen: 46.680 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	11.4	9.2	13.8	
70	8.6	6.9	10.3	

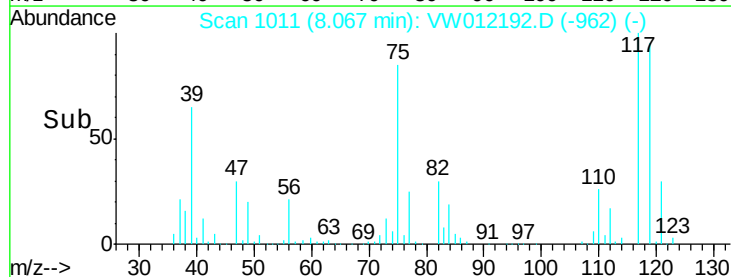
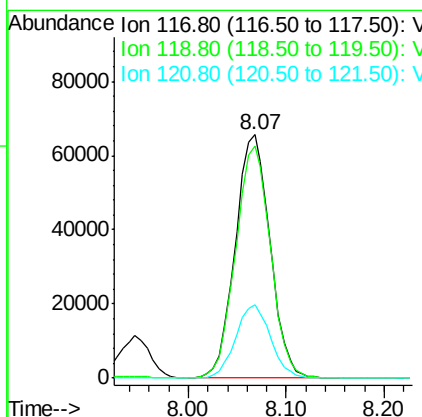
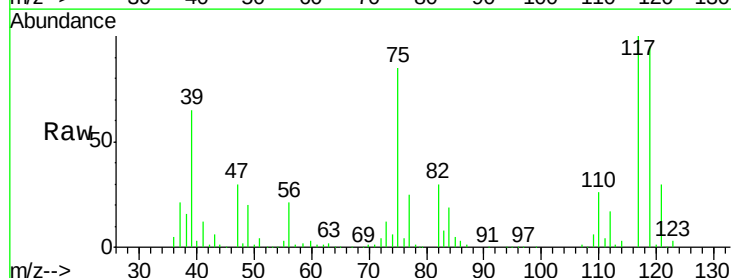
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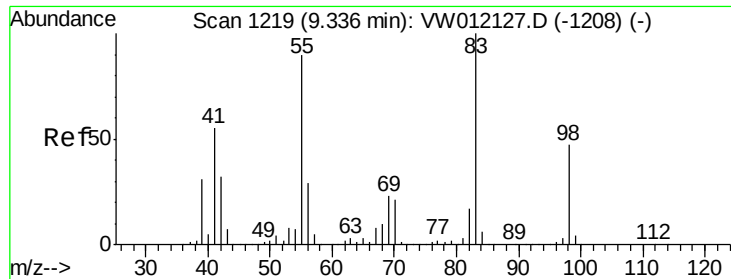
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#38
Carbon Tetrachloride
Concen: 42.905 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.2	114.2	
121	30.2	23.8	35.8	





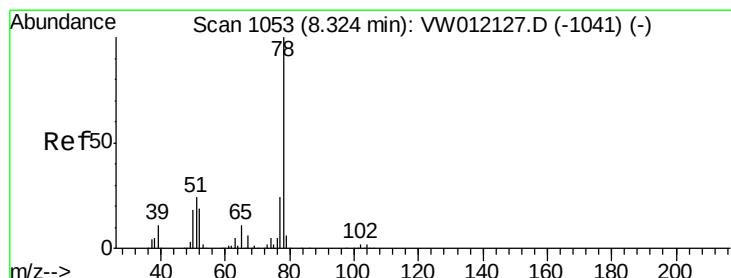
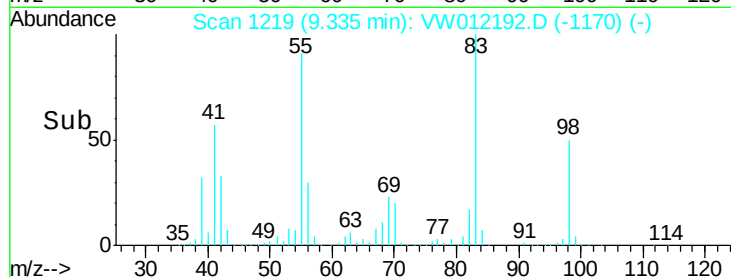
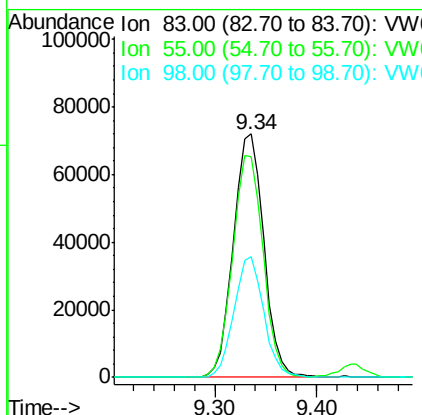
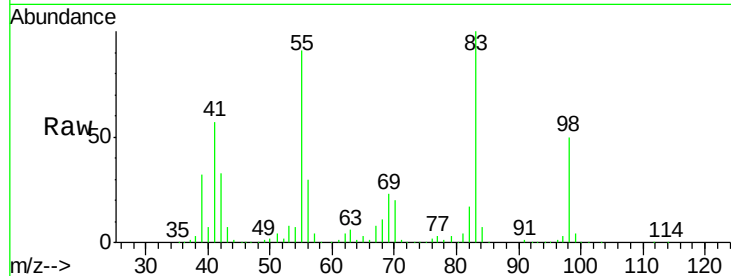
#39
Methylvlcyclohexane
Concen: 30.464 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	90.7	71.8	107.8
98	49.5	37.8	56.8

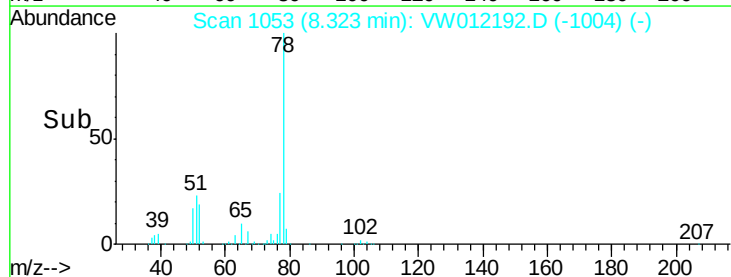
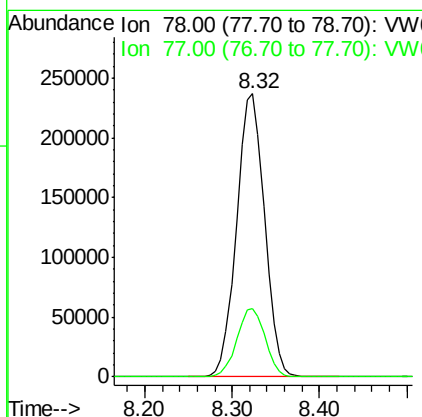
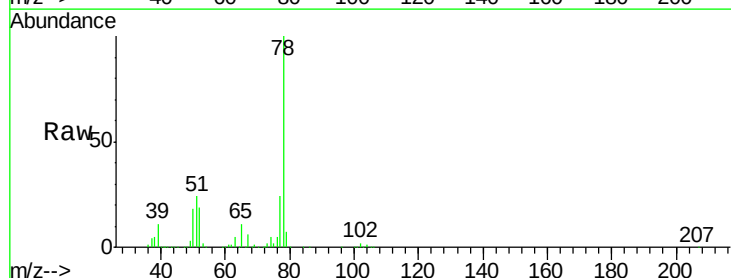
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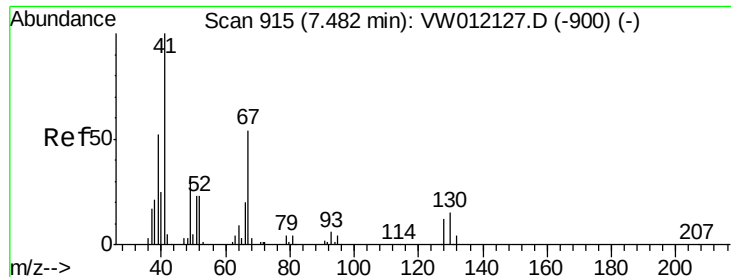
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#40
Benzene
Concen: 44.344 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.5	29.3





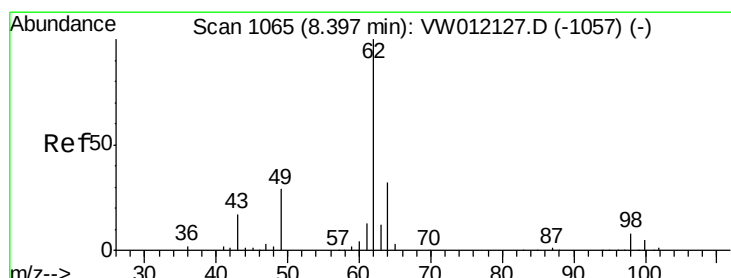
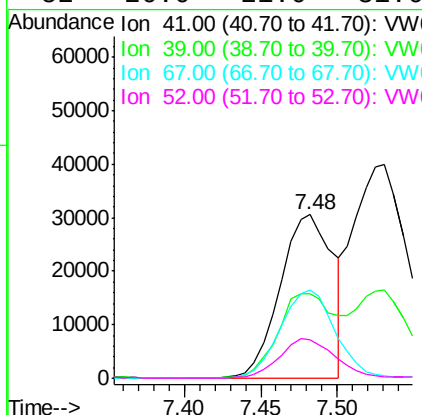
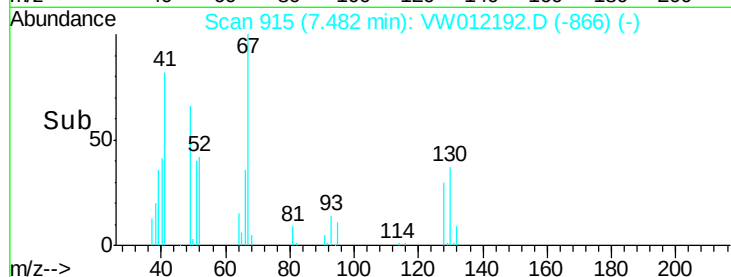
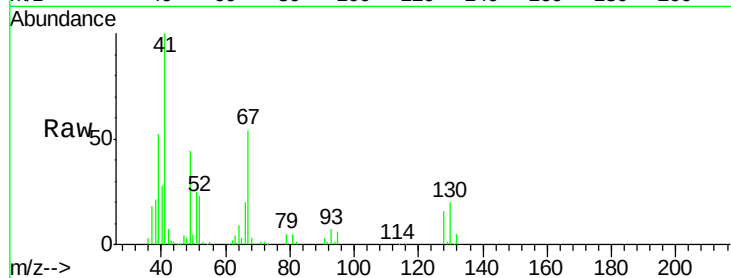
#41
Methacrylonitrile
Concen: 52.609 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	41	Resp	73858
Ion	Ratio	Lower	Upper
41	100		
39	59.5	45.8	68.8
67	56.8	46.2	69.4
52	26.0	21.0	31.6

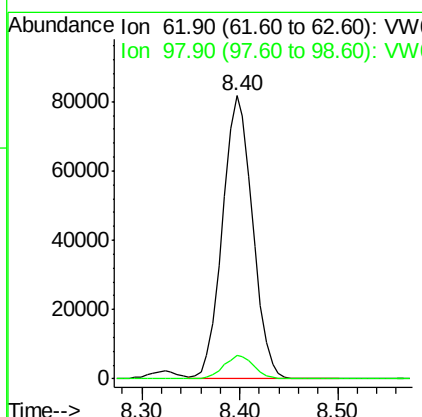
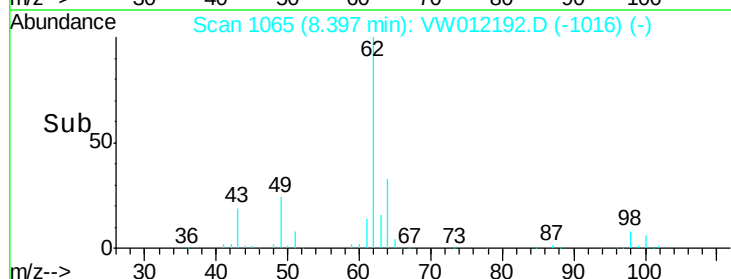
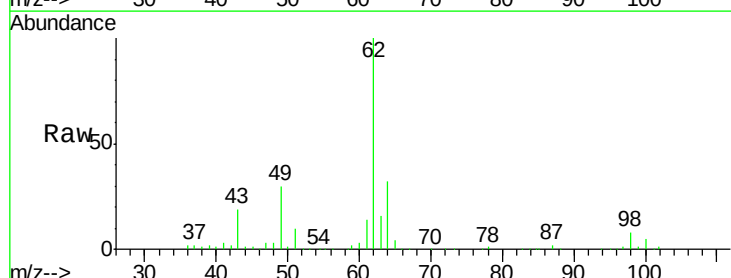
Manual Integrations
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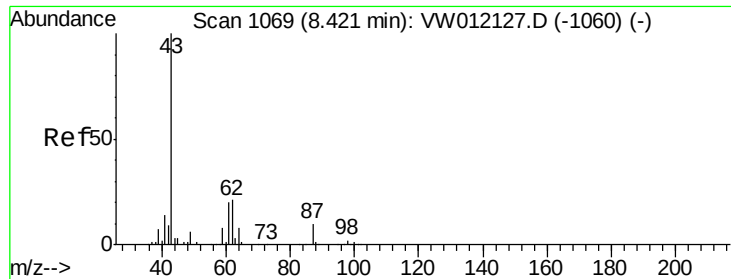
MMDadoda
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#42
1,2-Dichloroethane
Concen: 46.733 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	62	Resp	174331
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	16.6





#43

Isopropyl Acetate

Concen: 48.279 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

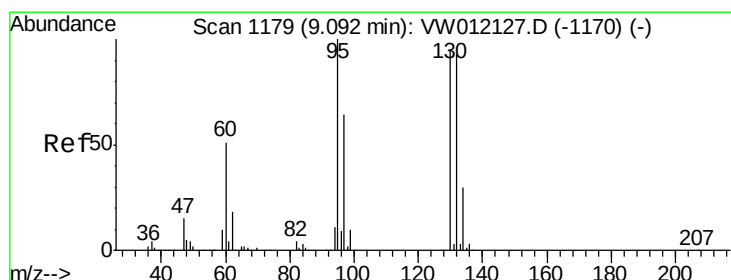
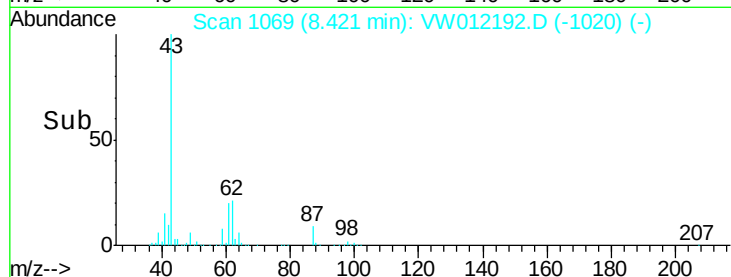
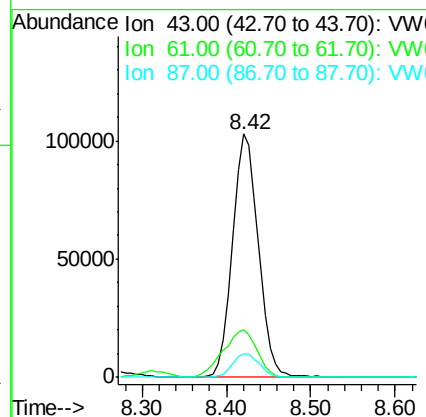
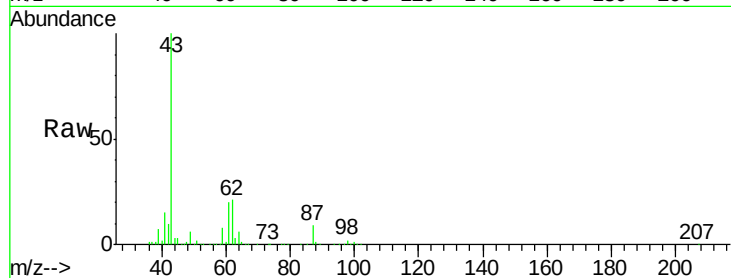
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	43	Resp:	213612
Ion	Ratio	Lower	Upper
43	100		
61	25.9	21.1	31.7
87	10.0	8.2	12.2

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#44

Trichloroethene

Concen: 39.931 ug/l

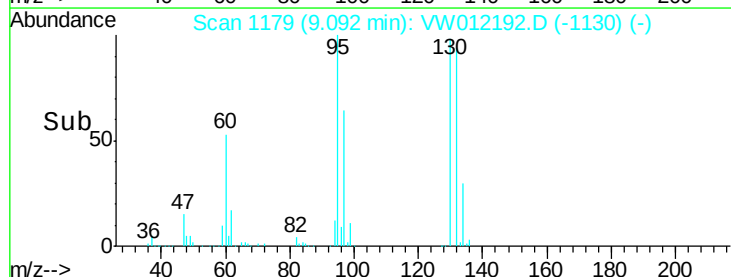
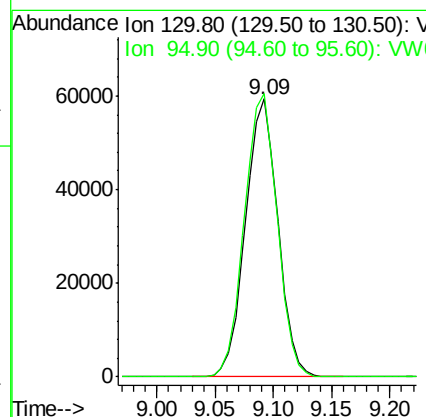
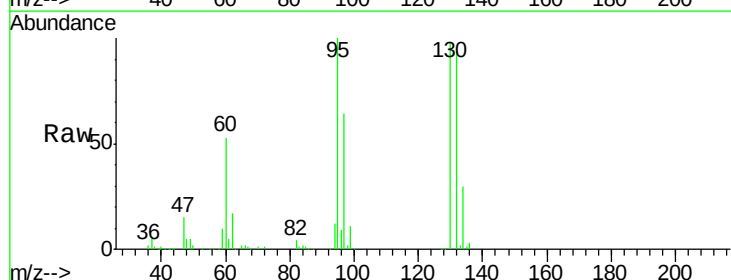
RT: 9.09 min Scan# 1179

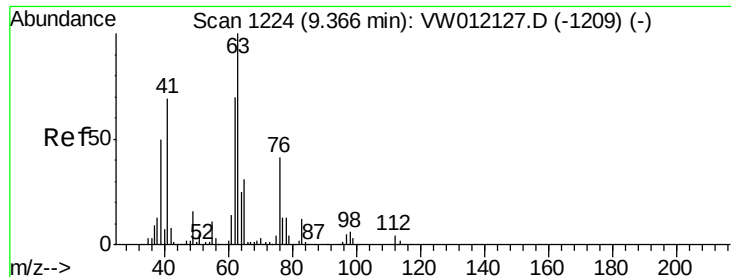
Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion:	130	Resp:	115538
Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	210.6





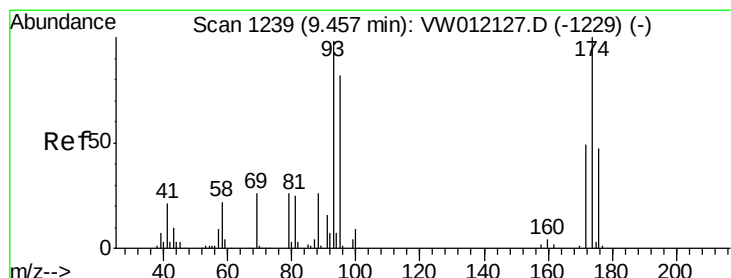
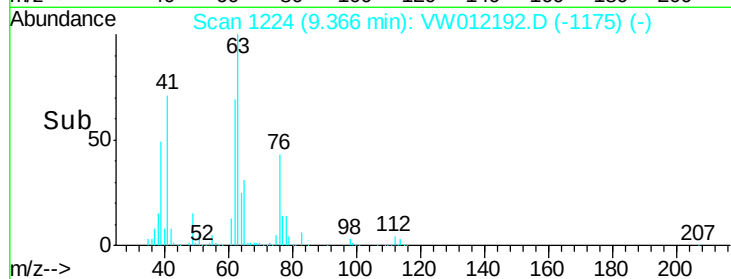
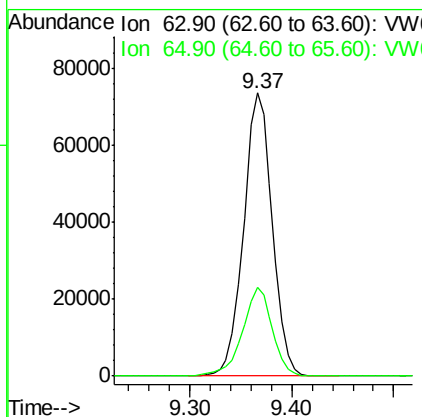
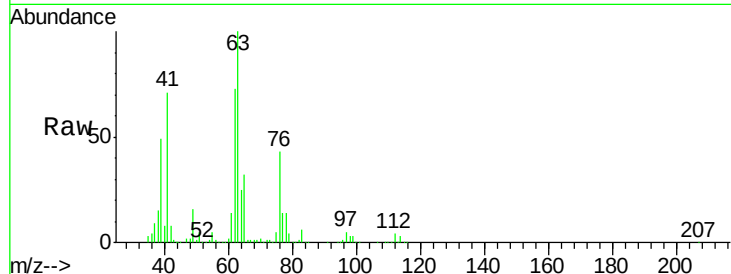
#45
 1,2-Dichloropropane
 Concen: 44.884 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Tot Ion: 63 Resp: 143778
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4

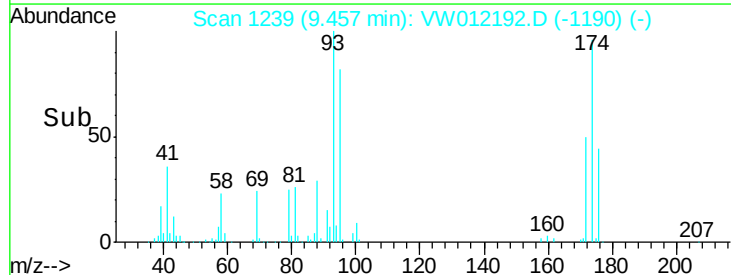
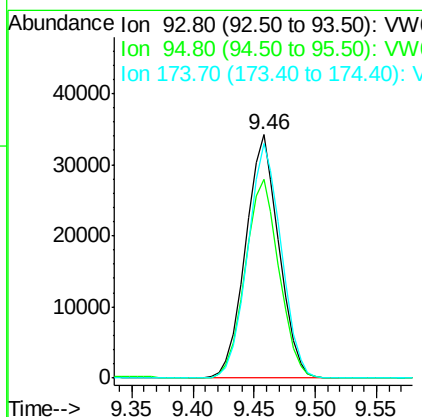
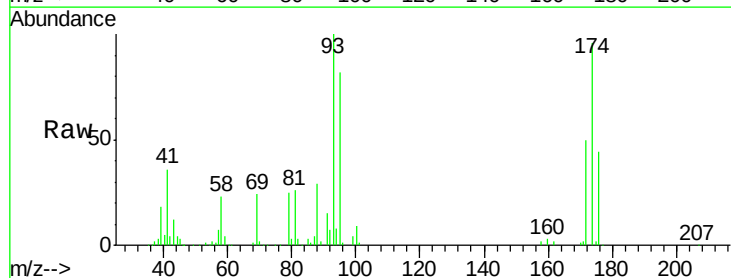
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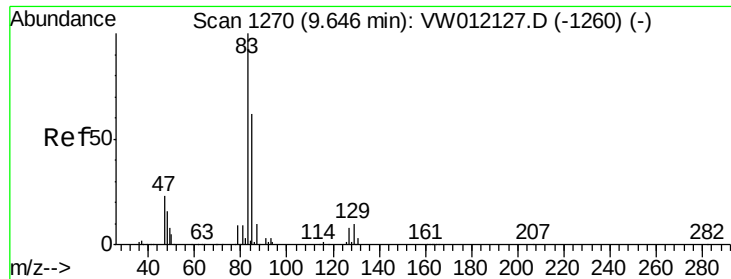
MMDadoda
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#46
 Dibromomethane
 Concen: 45.452 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion: 93 Resp: 64781
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.2 100.8
 174 97.0 79.0 118.6





#47

Bromodichloromethane

Concen: 44.945 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

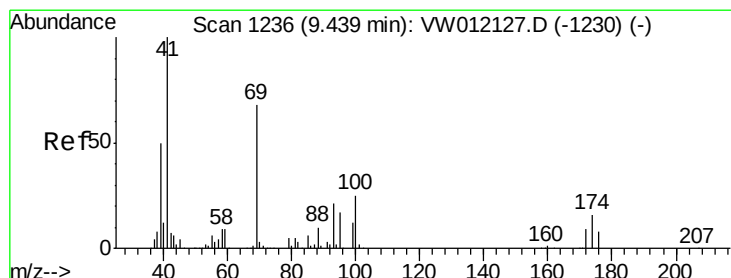
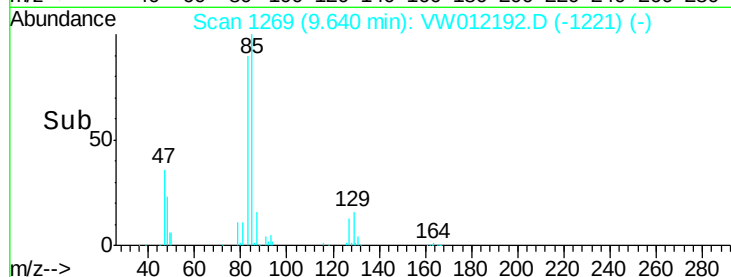
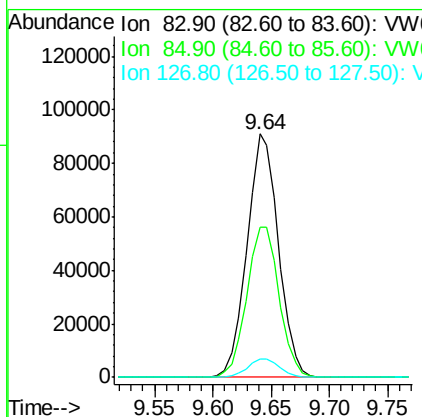
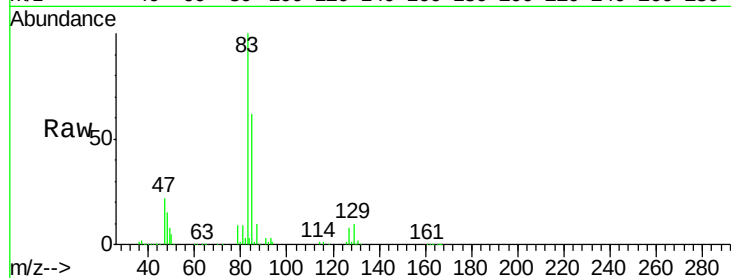
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	83	Resp:	170484
Ion	Ratio	Lower	Upper
83	100		
85	61.5	49.4	74.2
127	7.8	6.1	9.1

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#48

Methyl methacrylate

Concen: 57.442 ug/l

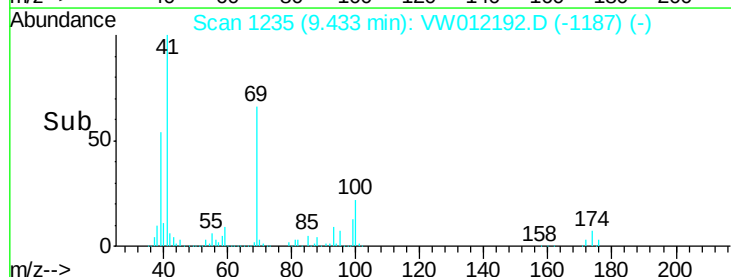
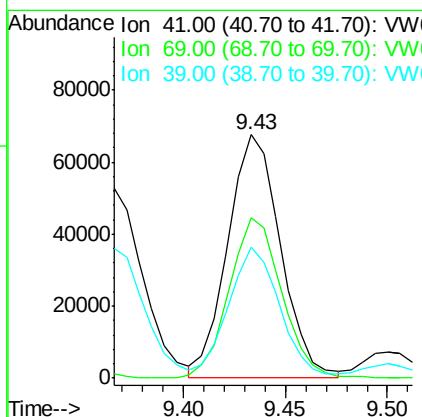
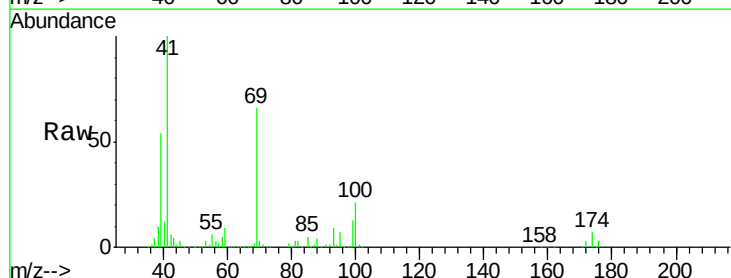
RT: 9.43 min Scan# 1235

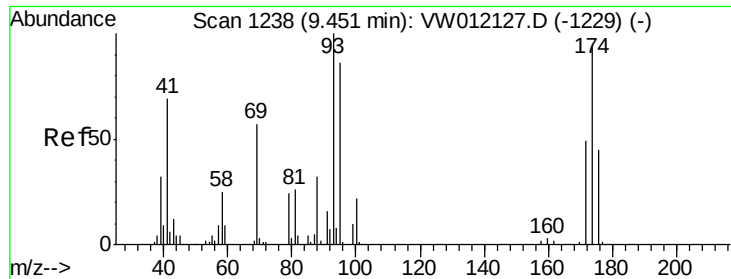
Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion:	41	Resp:	120964
Ion	Ratio	Lower	Upper
41	100		
69	65.8	56.7	85.1
39	52.5	42.0	63.0





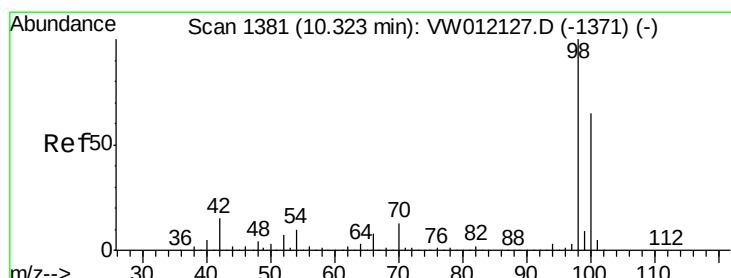
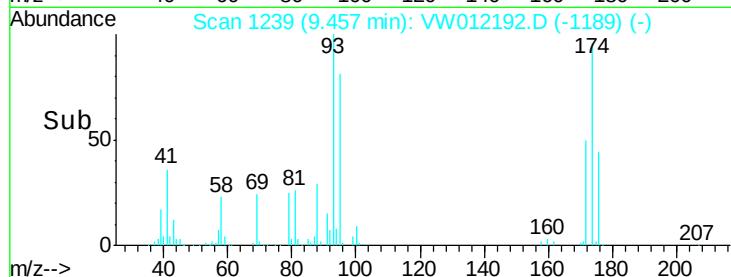
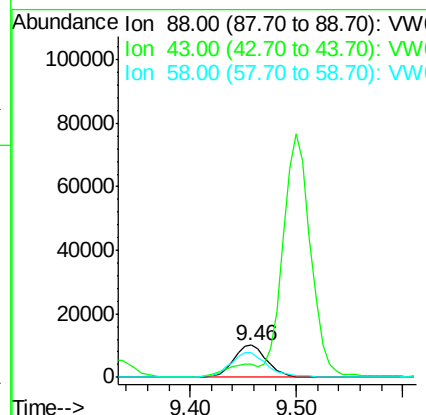
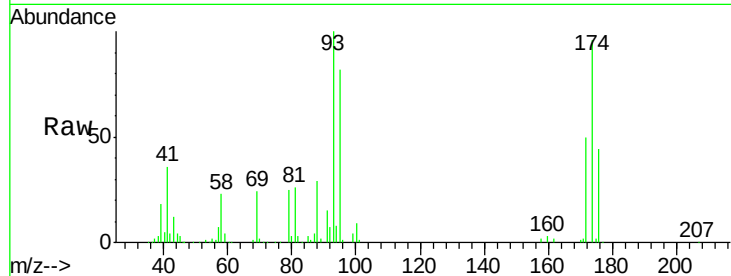
#49
1,4-Dioxane
Concen: 1014.715 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	88	Resp	22140
Ion	Ratio	Lower	Upper
88	100		
43	39.6	32.9	49.3
58	87.4	71.0	106.4

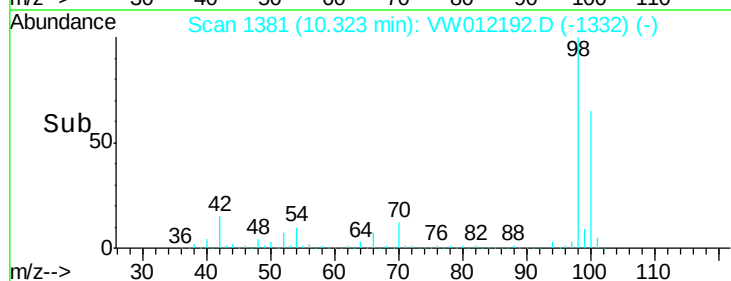
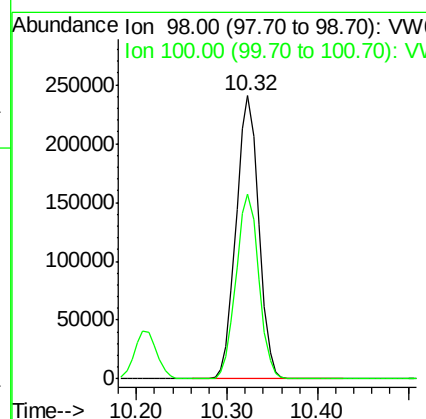
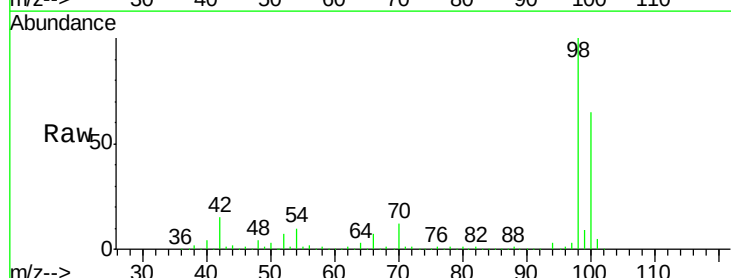
Manual Integrations
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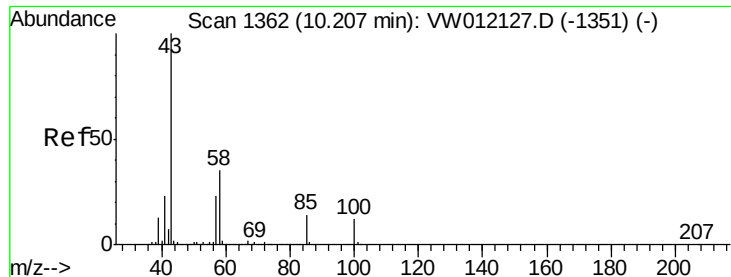
MMDadoda
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#50
Toluene-d8
Concen: 40.946 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	98	Resp	418017
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6





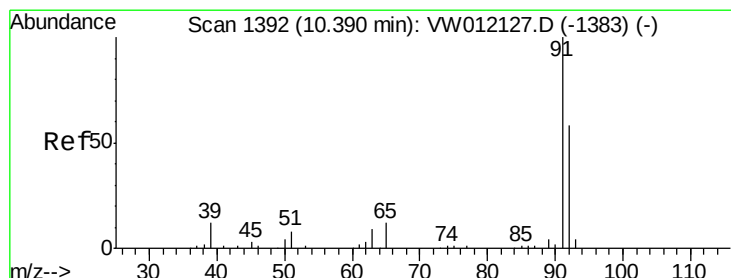
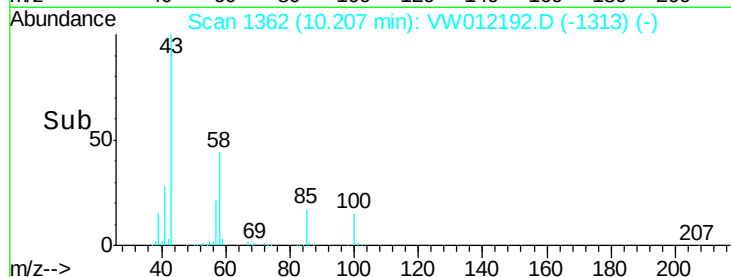
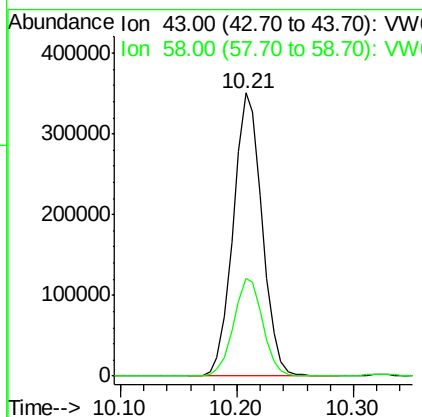
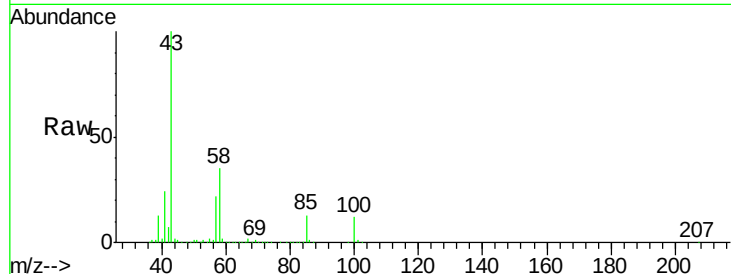
#51
 4-Methyl-2-Pentanone
 Concen: 268.768 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Tot Ion	43	Resp	604850
Ion Ratio	100	Lower	Upper
43	100		
58	34.7	28.2	42.2

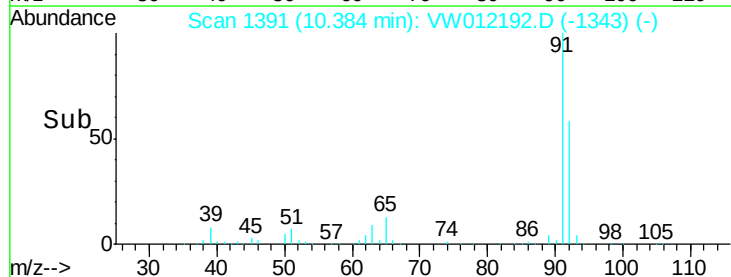
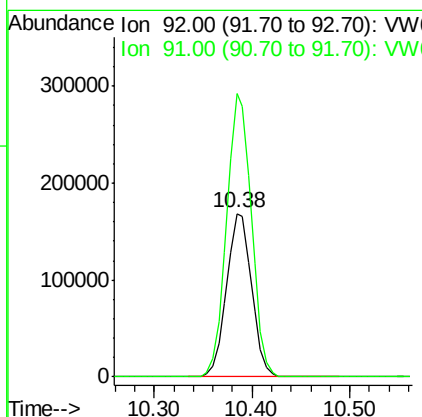
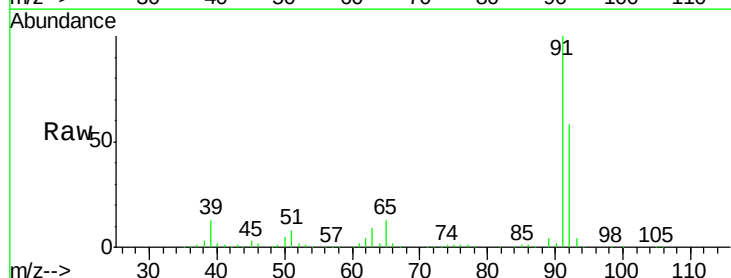
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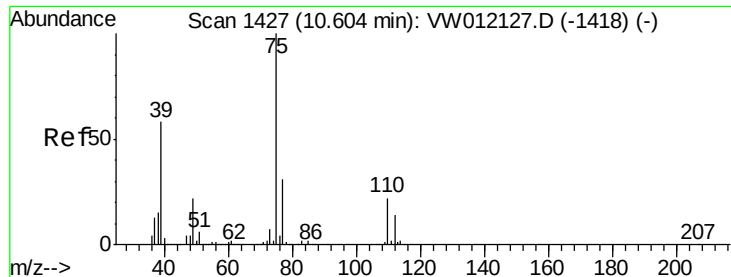
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#52
 Toluene
 Concen: 41.759 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion	92	Resp	298595
Ion Ratio	100	Lower	Upper
92	100		
91	171.7	136.6	204.8





#53

t-1,3-Dichloropropene

Concen: 39.270 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion: 75 Resp: 151732

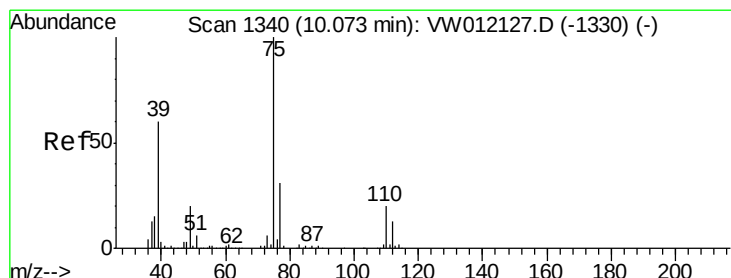
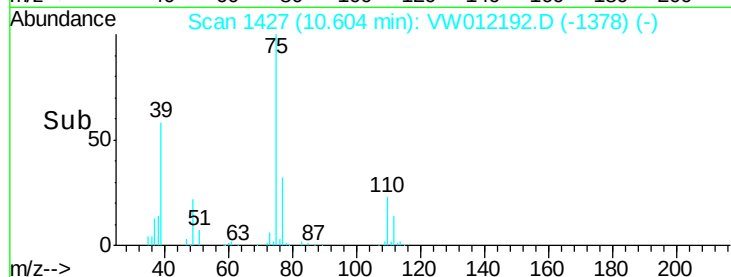
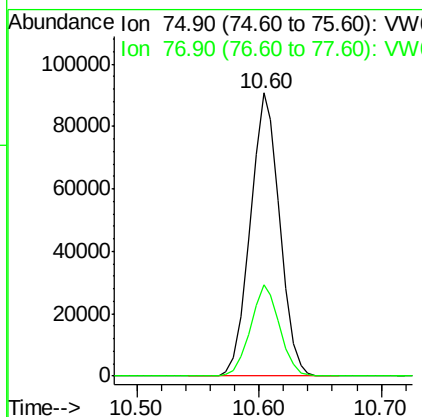
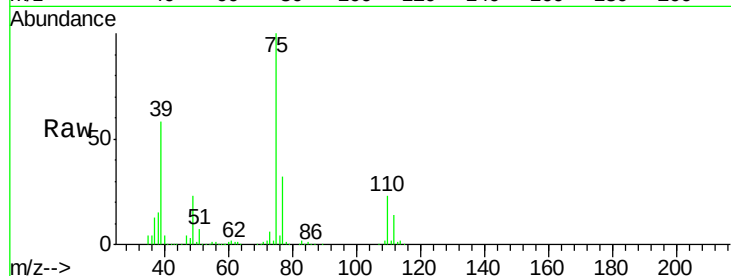
Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 40.839 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

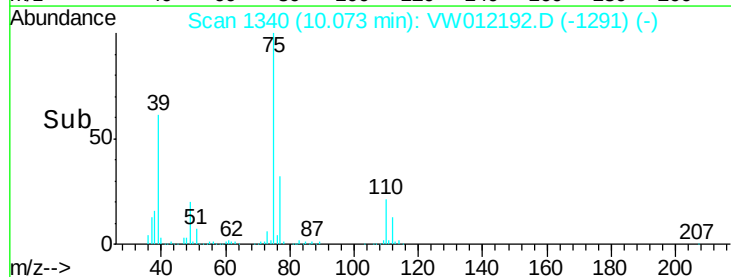
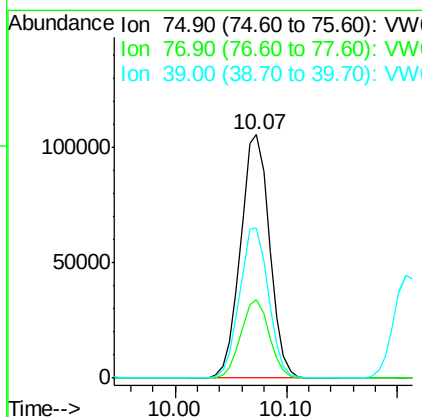
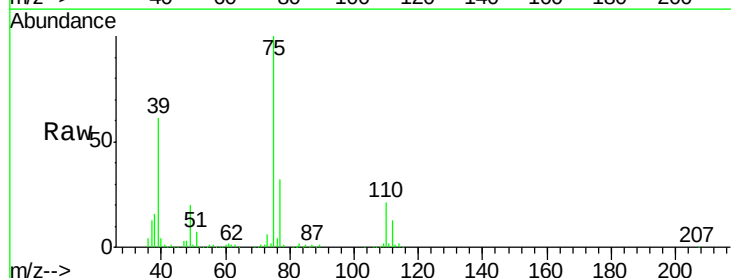
Tgt Ion: 75 Resp: 190529

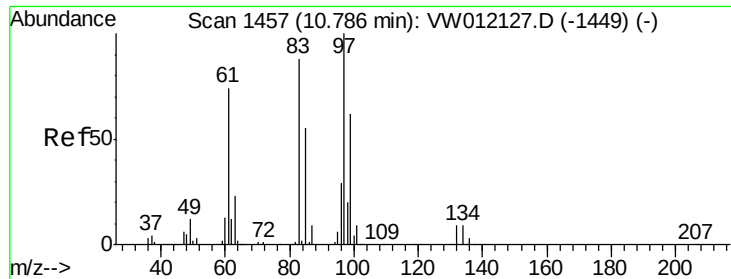
Ion Ratio Lower Upper

75 100

77 32.3 25.1 37.7

39 61.3 48.3 72.5





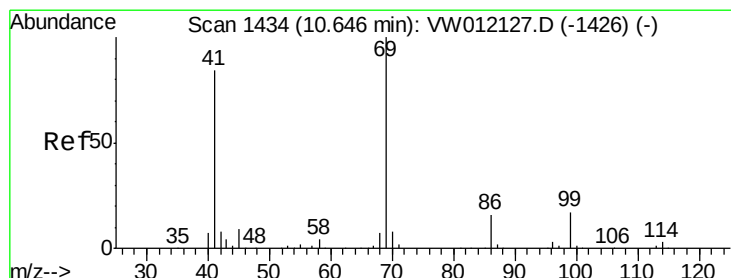
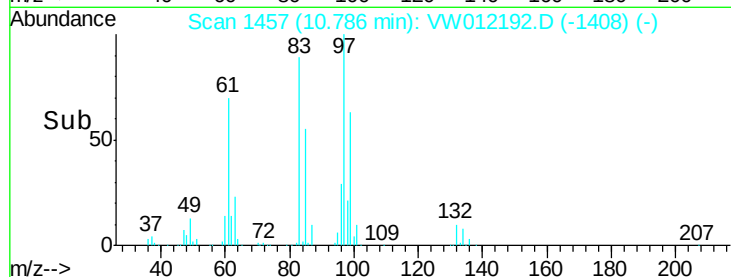
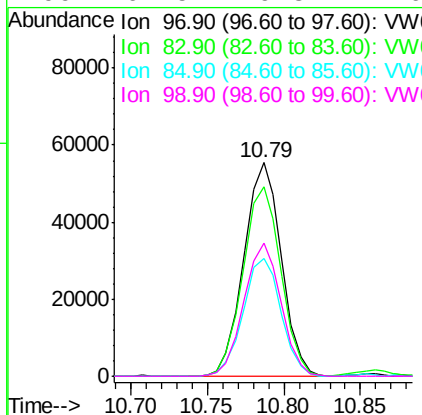
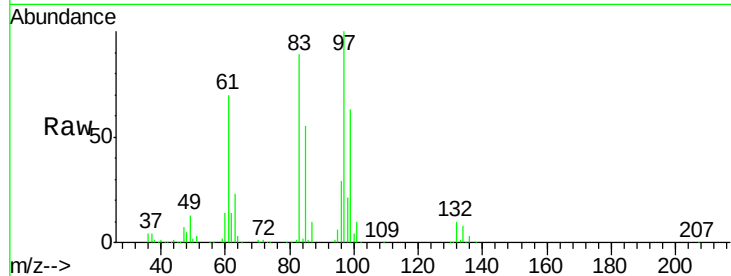
#55
 1,1,2-Trichloroethane
 Concen: 46.746 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	97	100	94266		
83	83	88.7		70.8	106.2
85	85	55.3		43.8	65.8
99	99	62.5		49.8	74.6

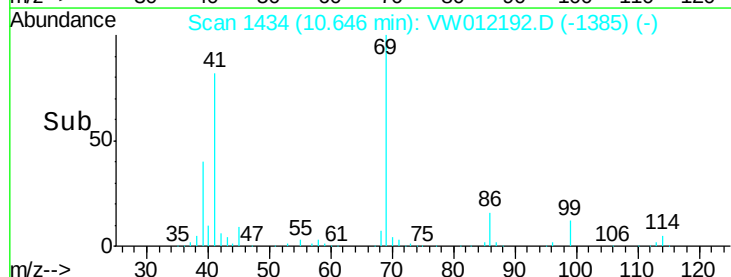
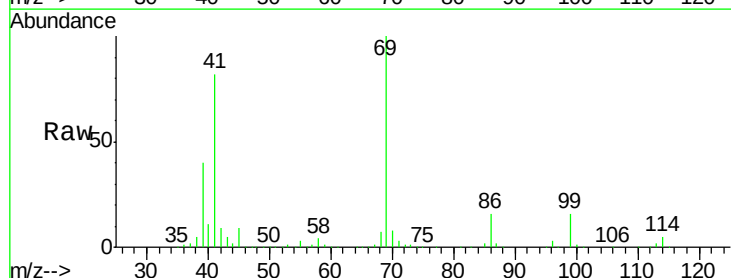
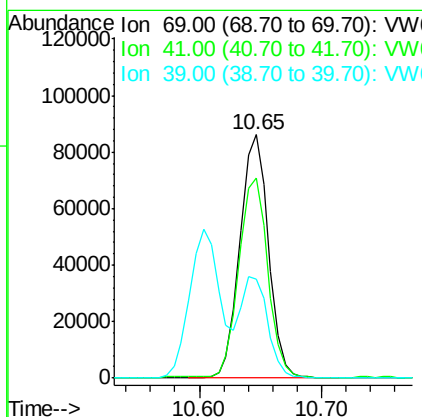
Manual Integrations
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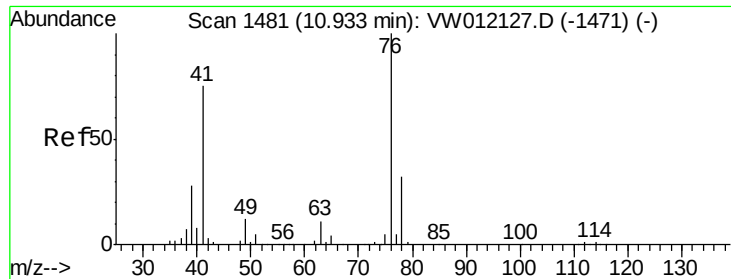
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#56
 Ethyl methacrylate
 Concen: 47.449 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	69	100	139257		
41	41	84.3		66.5	99.7
39	39	38.1		31.0	46.4





#57

1,3-Dichloropropane

Concen: 46.375 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion: 76 Resp: 176723

Ion Ratio Lower Upper

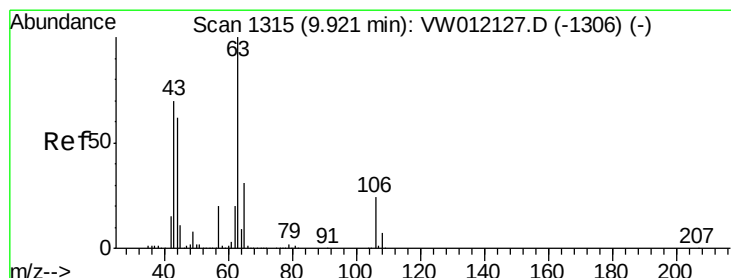
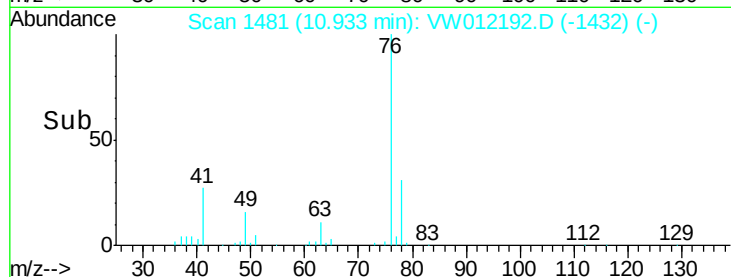
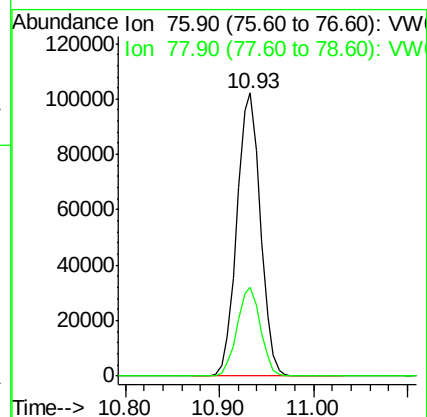
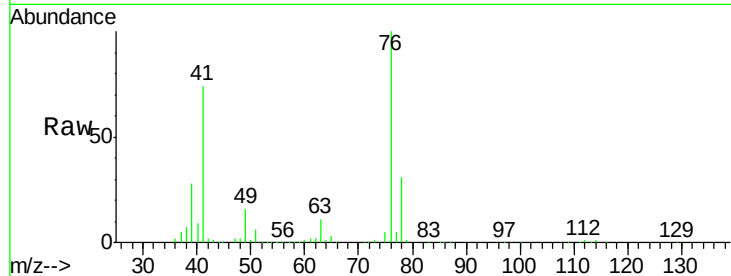
76 100

78 31.3 25.8 38.8

Manual Integrations
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MMDadoda

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#58

2-Chloroethyl Vinyl ether

Concen: 248.451 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012192.D

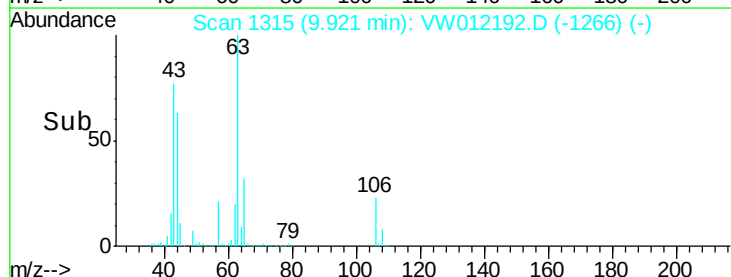
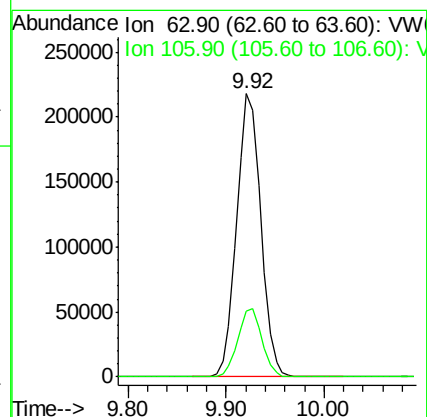
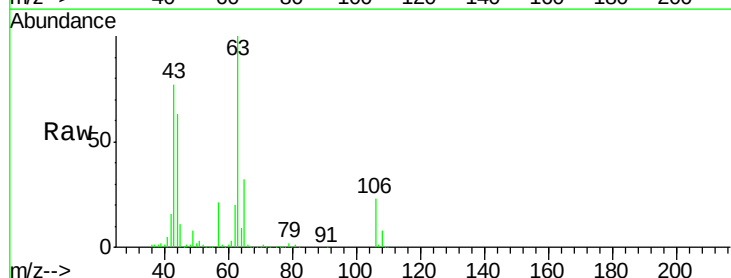
Acq: 27 Aug 2019 00:41

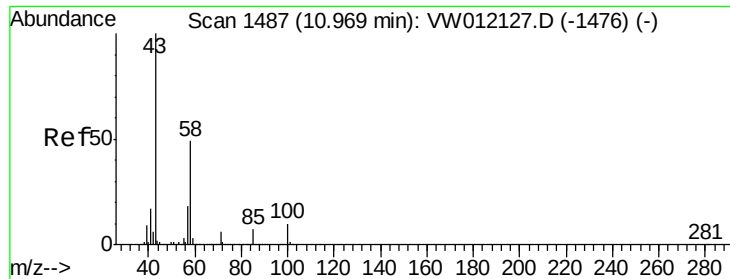
Tgt Ion: 63 Resp: 374231

Ion Ratio Lower Upper

63 100

106 24.1 19.8 29.8





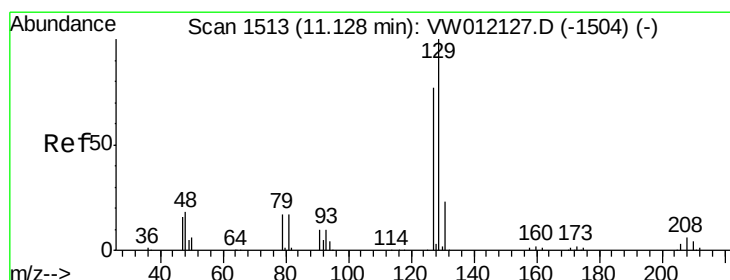
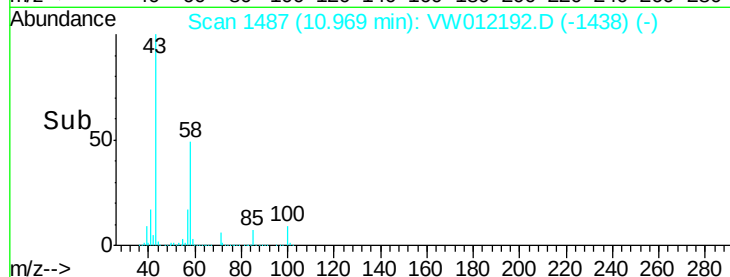
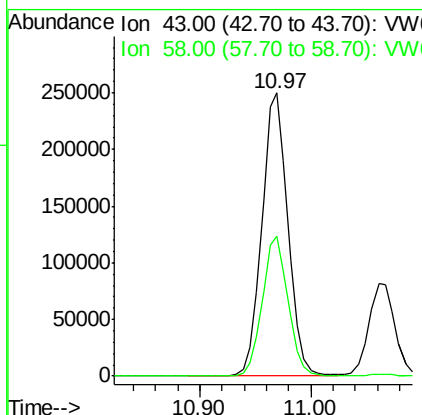
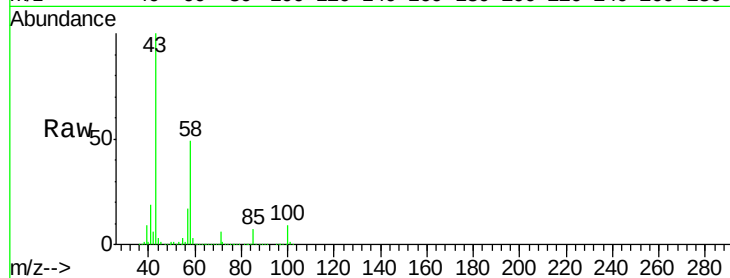
#59
2-Hexanone
Concen: 255.915 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.9	24.3	72.9

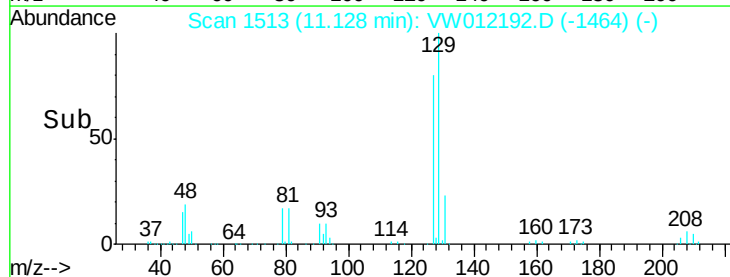
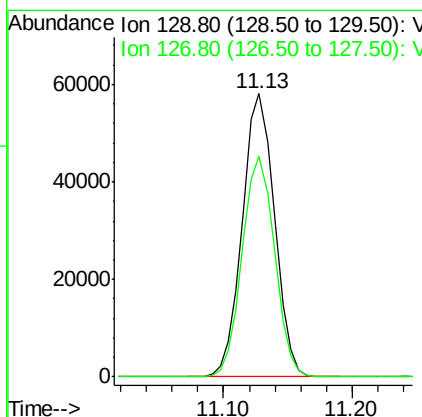
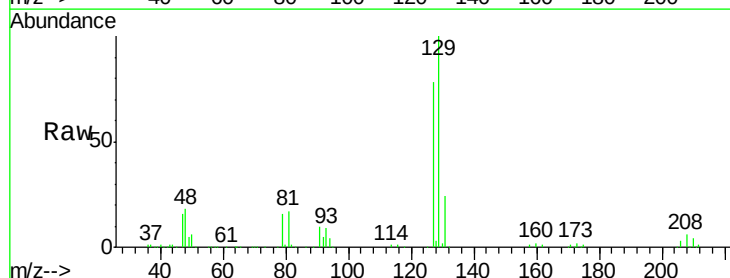
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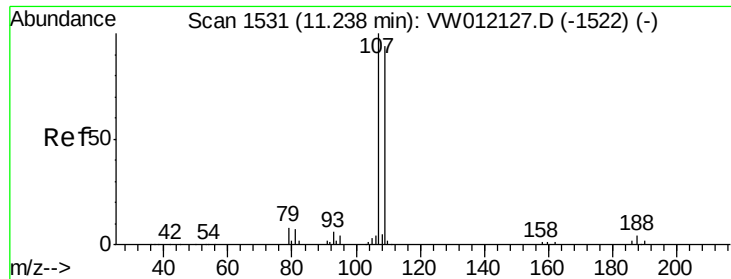
MMDadoda
8/27/2019 11:04:36 AM



#60
Dibromochloromethane
Concen: 44.734 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.6	115.8





#61

1,2-Dibromoethane

Concen: 44.670 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion: 107 Resp: 83919

Ion Ratio Lower Upper

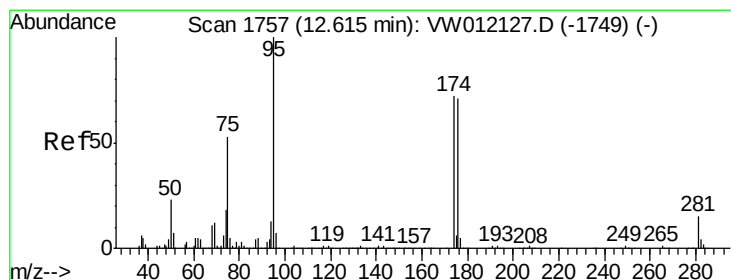
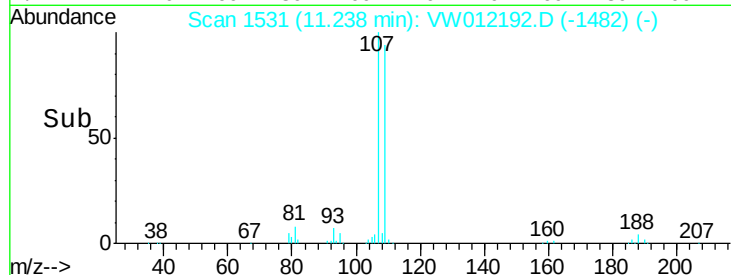
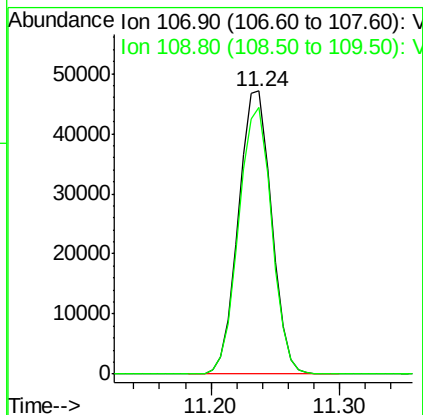
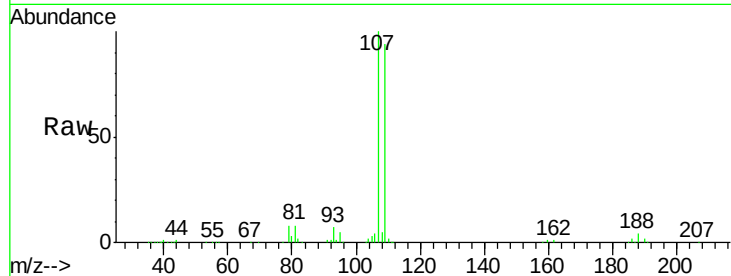
107 100

109 93.8 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 32.634 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

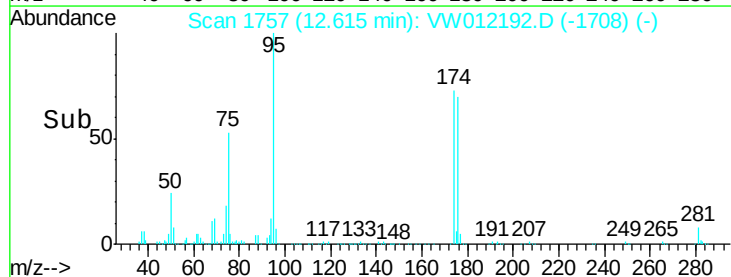
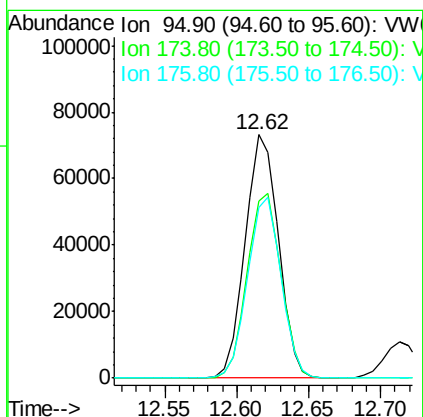
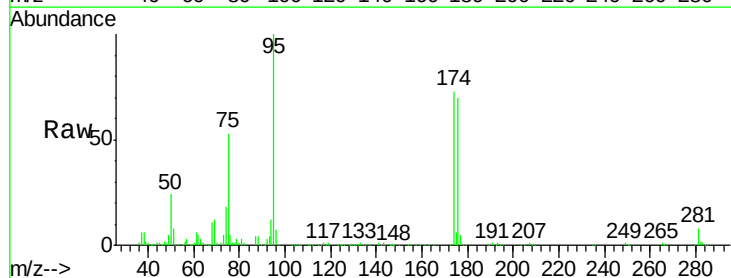
Tgt Ion: 95 Resp: 117441

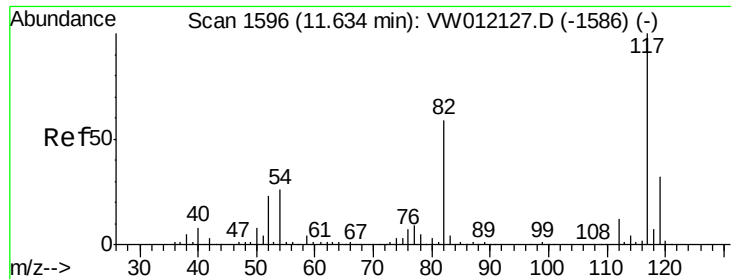
Ion Ratio Lower Upper

95 100

174 76.4 0.0 150.8

176 74.2 0.0 148.6





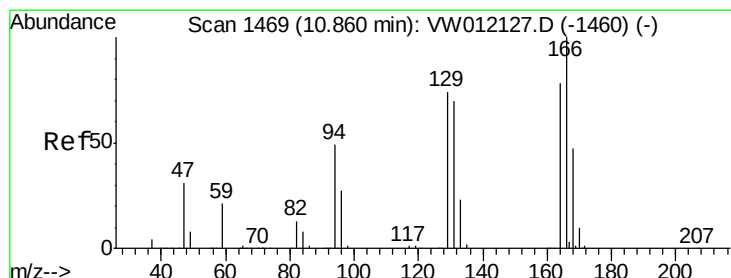
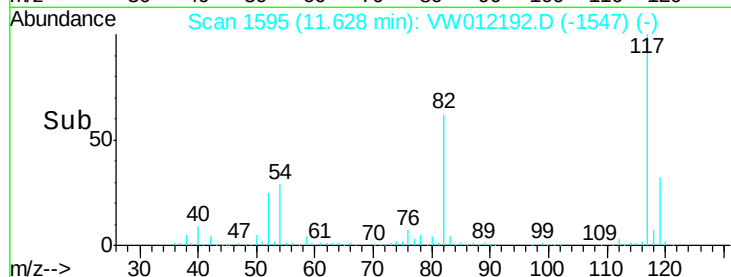
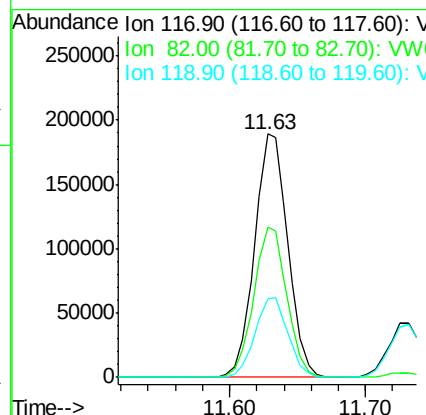
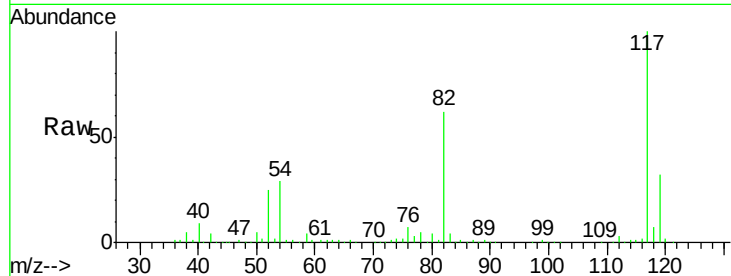
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	47.4	71.2
119	32.3	25.4	38.2

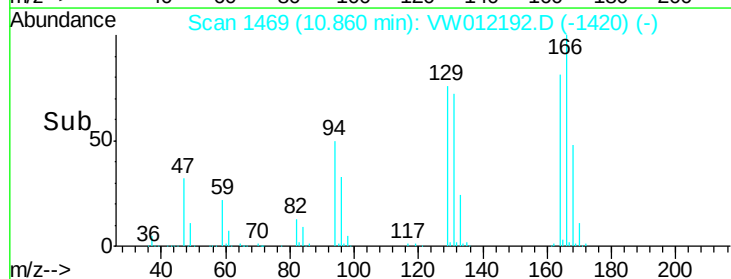
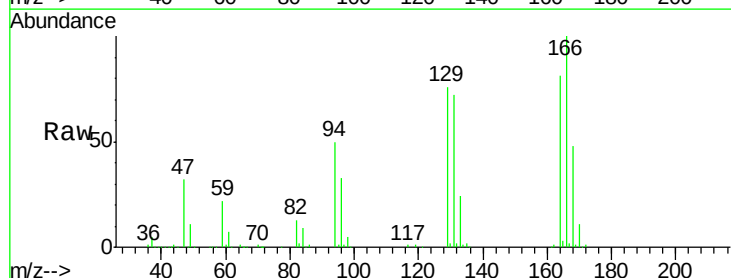
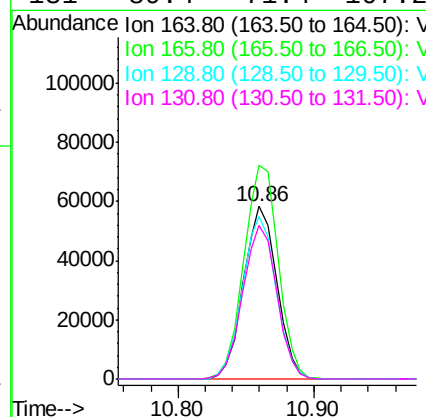
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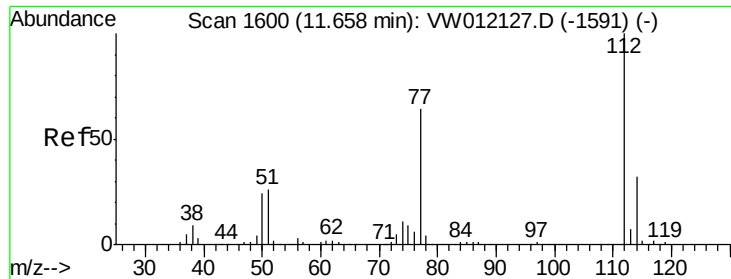
MMDadoda
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#64
Tetrachloroethene
Concen: 47.813 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	102.4	153.6
129	94.4	75.8	113.6
131	89.4	71.4	107.2





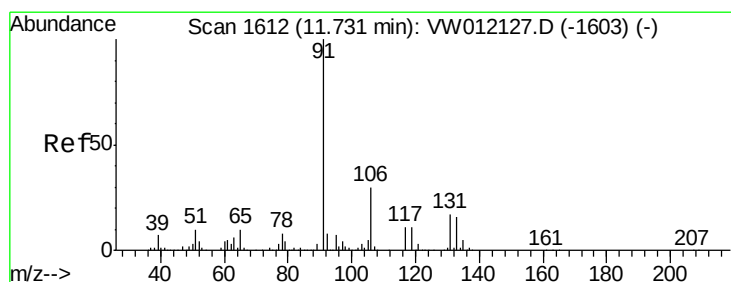
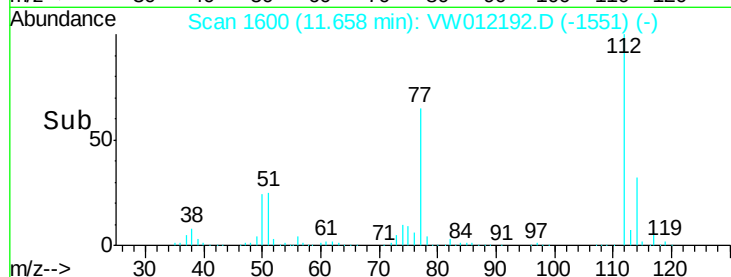
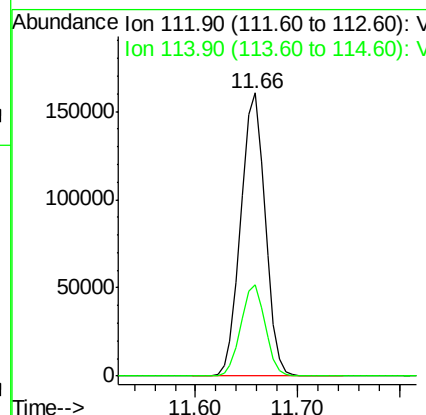
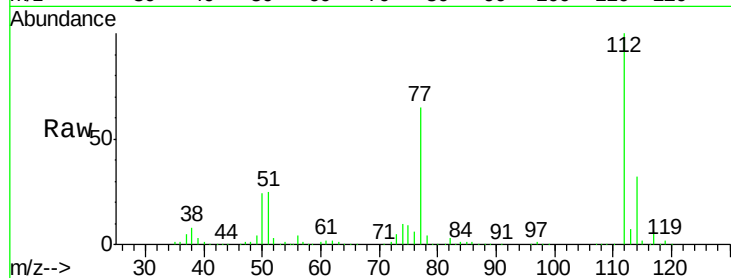
#65
Chlorobenzene
Concen: 41.645 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.8	38.6

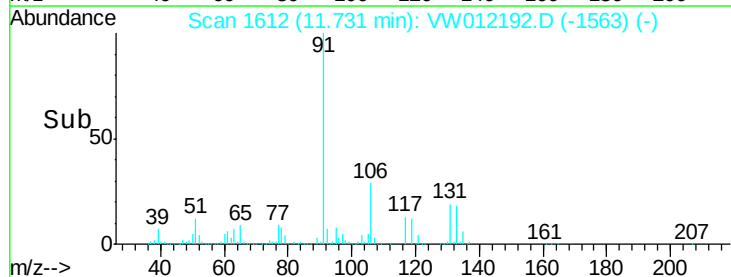
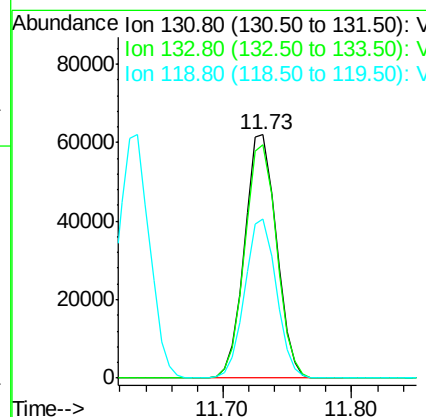
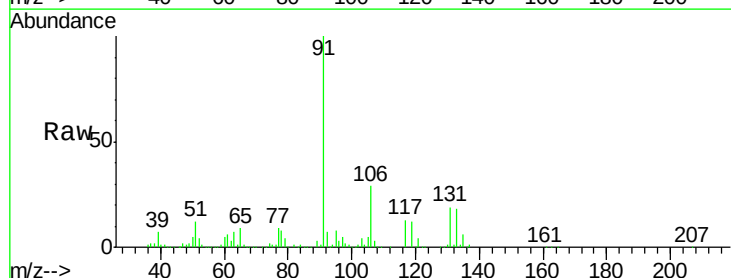
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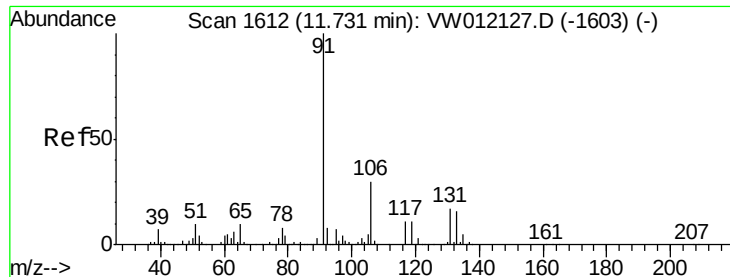
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.736 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.5	47.1	141.3
119	64.9	31.8	95.3





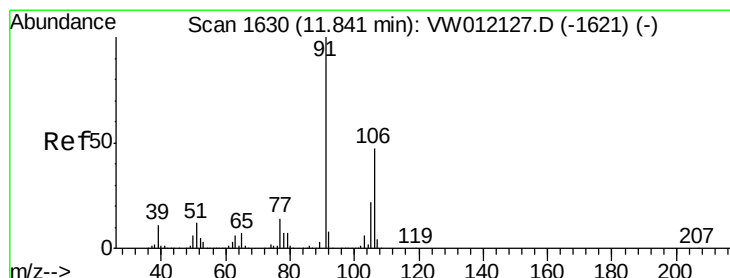
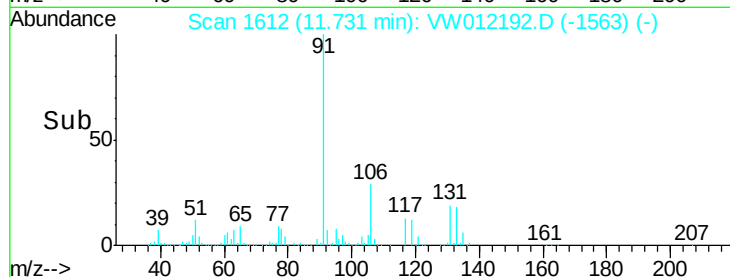
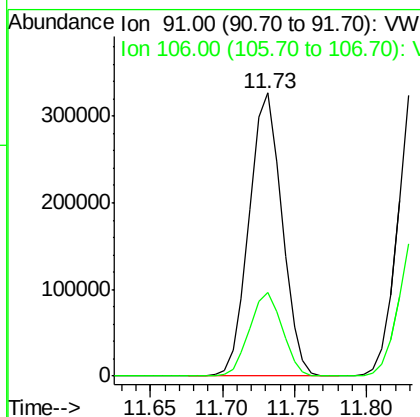
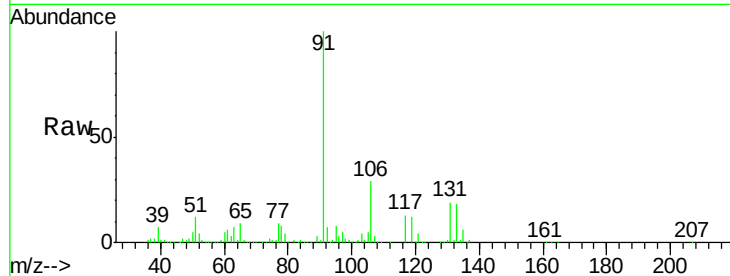
#67
Ethyl Benzene
Concen: 42.122 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion: 91 Resp: 516521
Ion Ratio Lower Upper
91 100
106 29.4 24.3 36.5

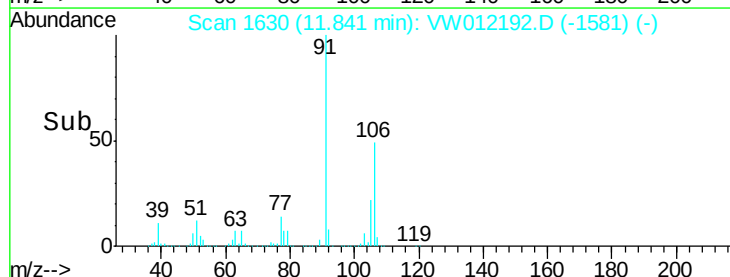
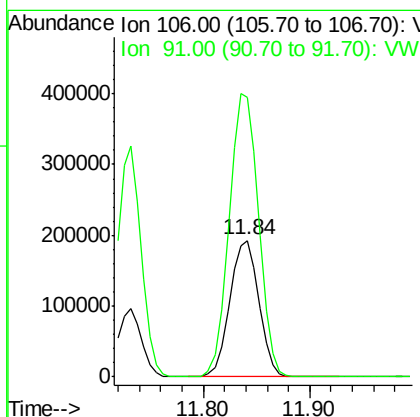
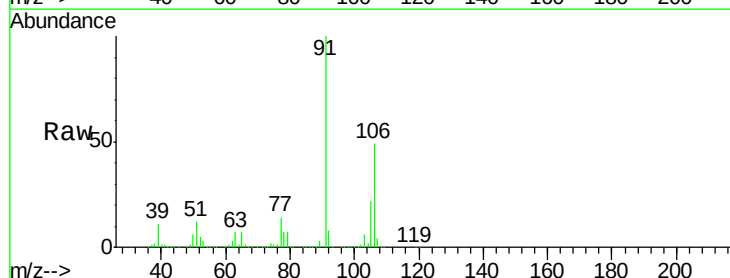
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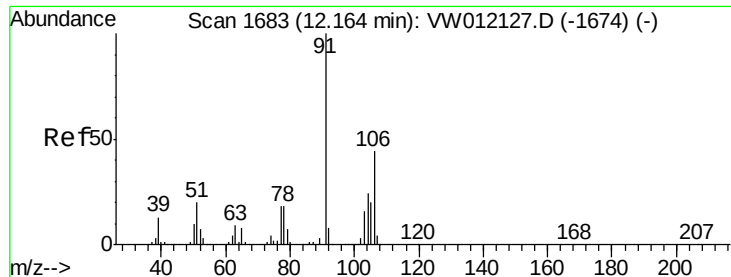
MMDadoda
8/27/2019 11:04:36 AM



#68
m/p-Xylenes
Concen: 83.195 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion: 106 Resp: 367479
Ion Ratio Lower Upper
106 100
91 210.2 169.5 254.3





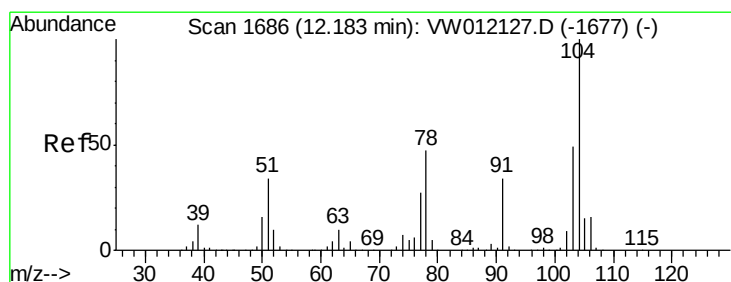
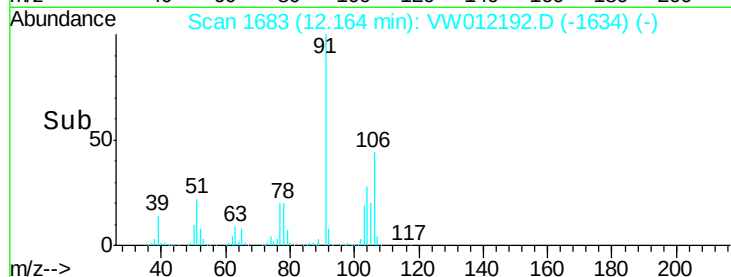
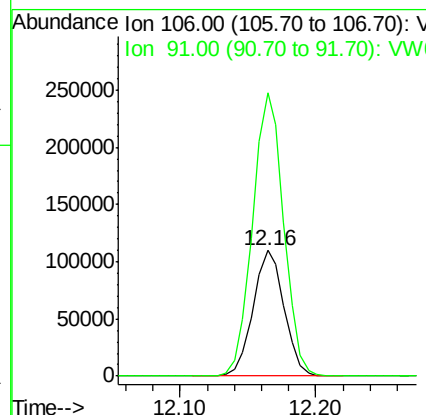
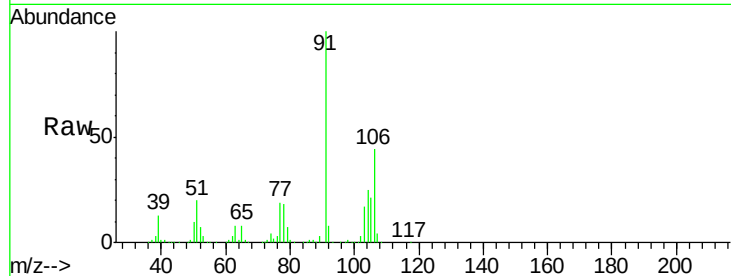
#69
o-Xylene
Concen: 43.035 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion:106 Resp: 175935
Ion Ratio Lower Upper
106 100
91 225.4 111.6 334.6

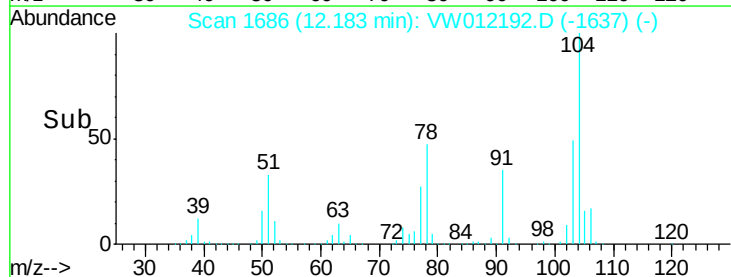
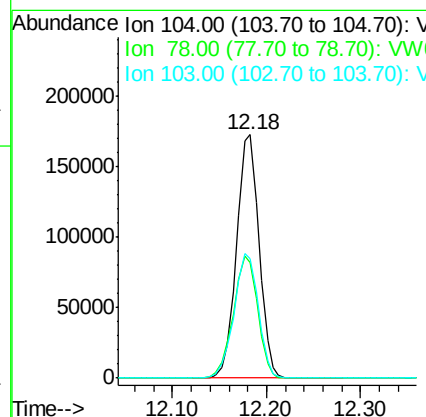
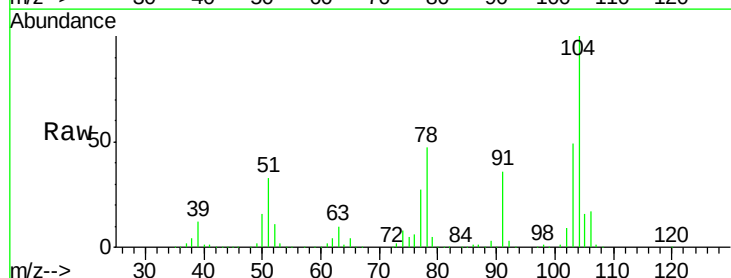
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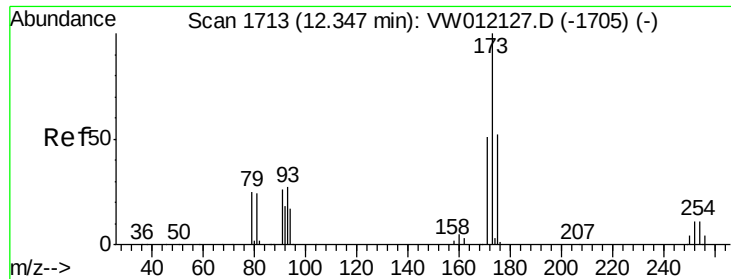
MMDadoda
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#70
Styrene
Concen: 40.394 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion:104 Resp: 285836
Ion Ratio Lower Upper
104 100
78 54.4 43.1 64.7
103 55.5 43.5 65.3





#71

Bromoform

Concen: 49.632 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

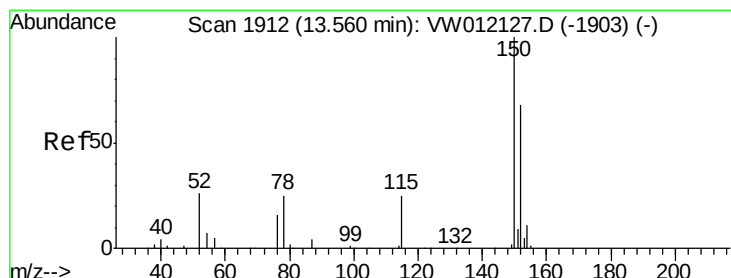
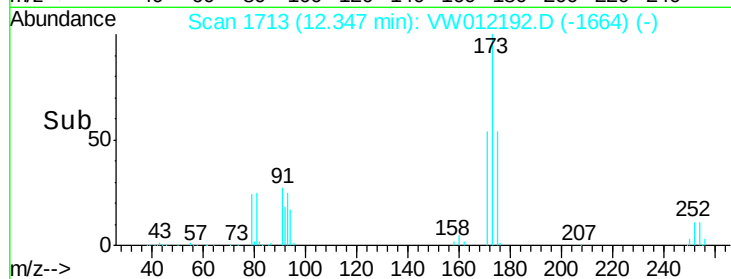
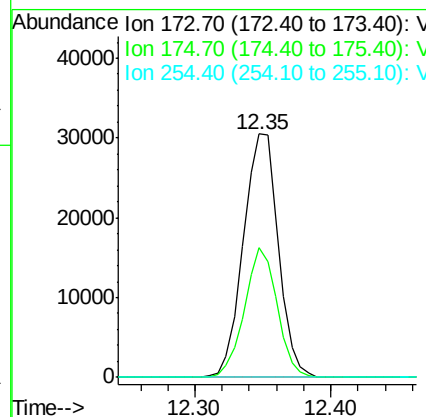
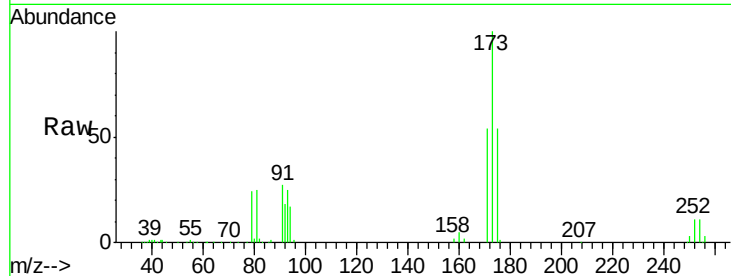
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	173	Resp:	54915
Ion Ratio	Lower	Upper	
173	100		
175	49.7	24.6	74.0
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

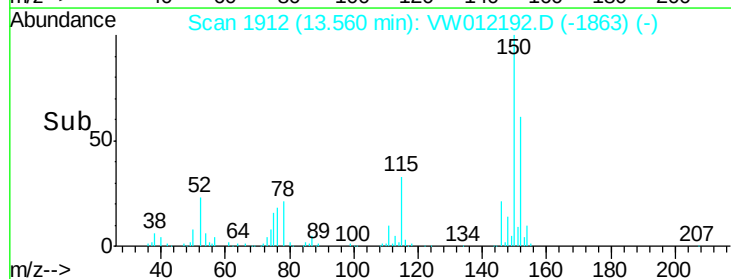
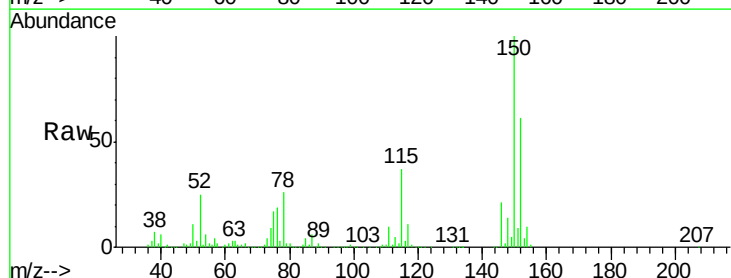
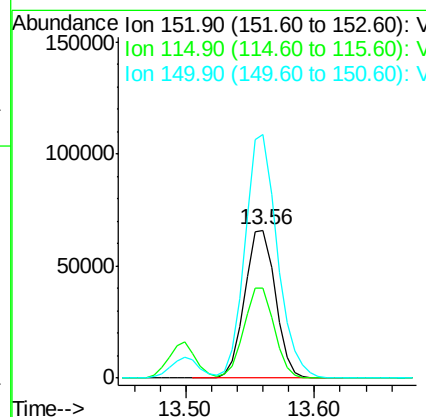
RT: 13.56 min Scan# 1912

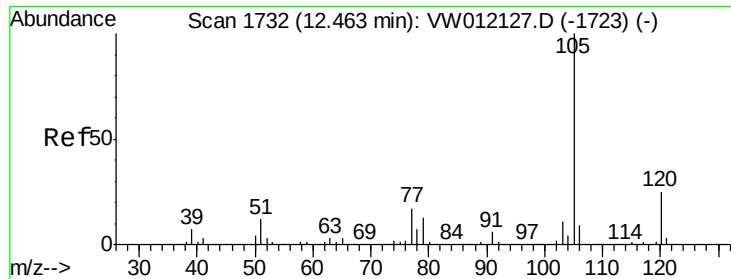
Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion:	152	Resp:	108629
Ion Ratio	Lower	Upper	
152	100		
115	60.5	30.1	90.3
150	173.1	0.0	345.8





#73

Isopropylbenzene

Concen: 54.428 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion: 105 Resp: 443028

Ion Ratio Lower Upper

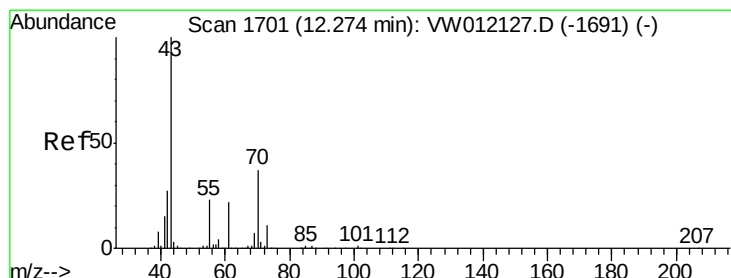
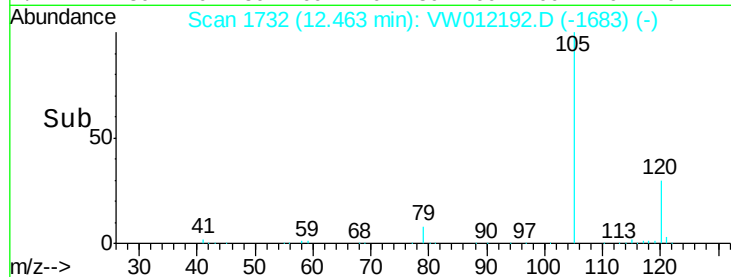
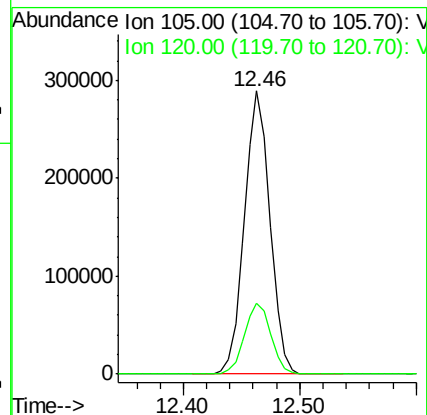
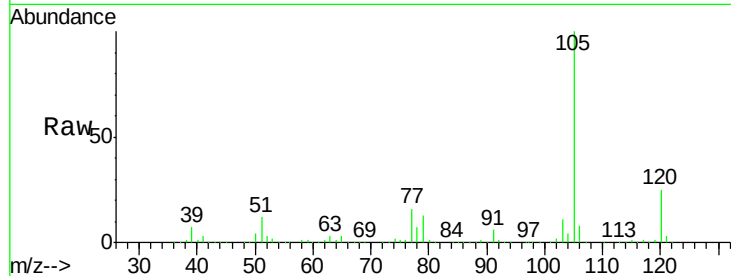
105 100

120 25.8 12.5 37.5

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#74

N-ethyl acetate

Concen: 49.699 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion: 43 Resp: 122221

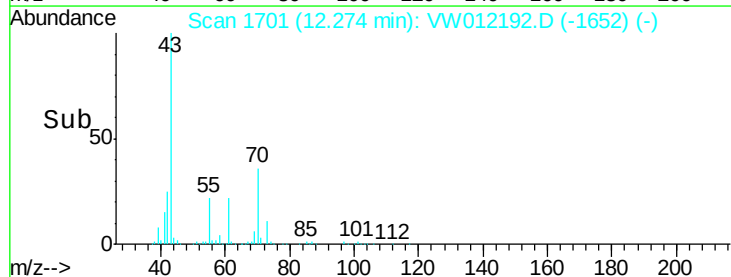
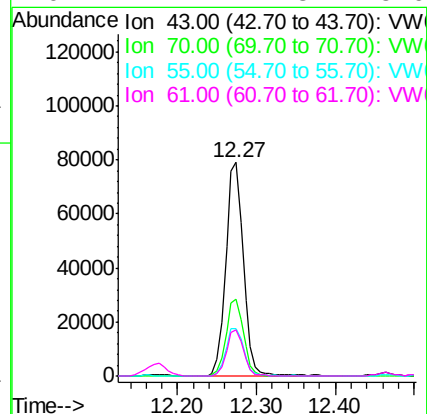
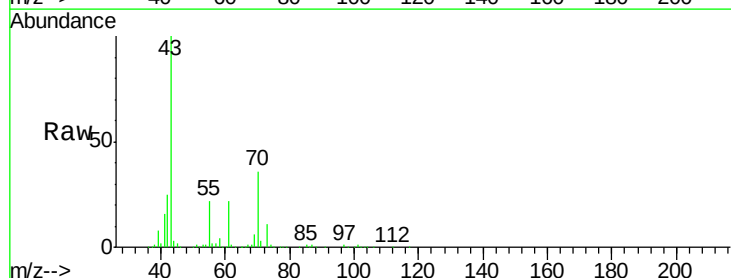
Ion Ratio Lower Upper

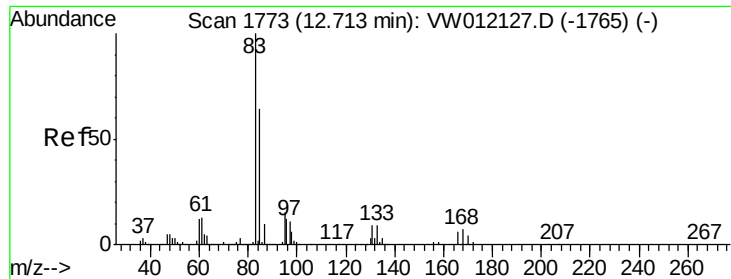
43 100

70 35.7 28.6 43.0

55 22.8 17.8 26.6

61 21.2 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 72.923 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

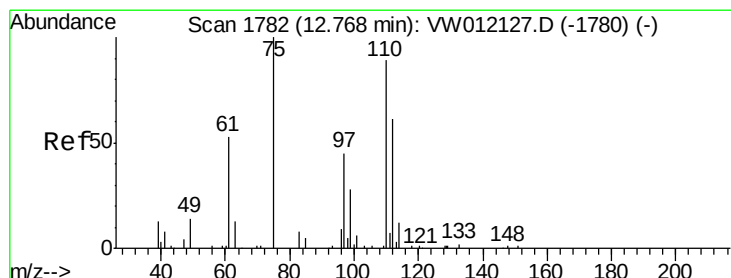
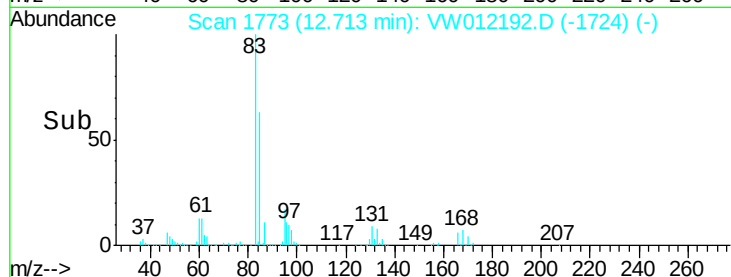
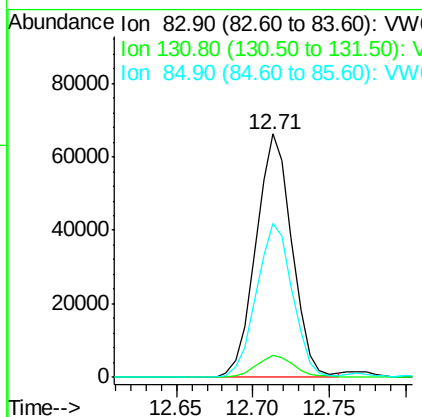
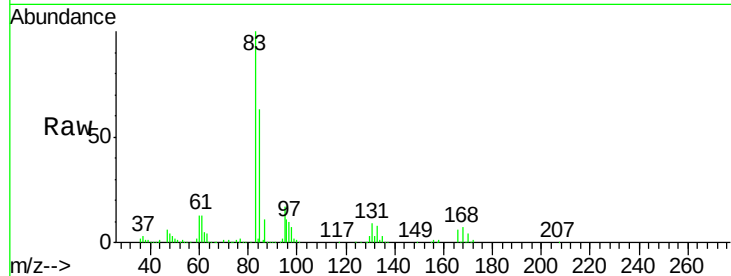
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	83	Resp:	108819
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	63.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 71.913 ug/l m

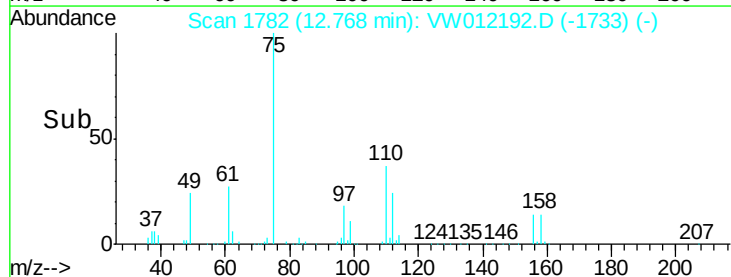
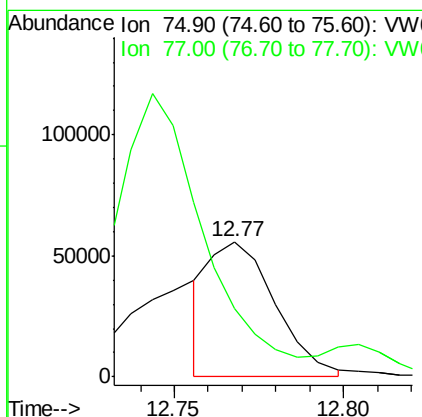
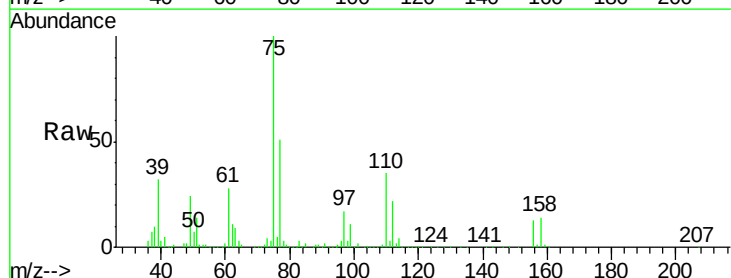
RT: 12.77 min Scan# 1782

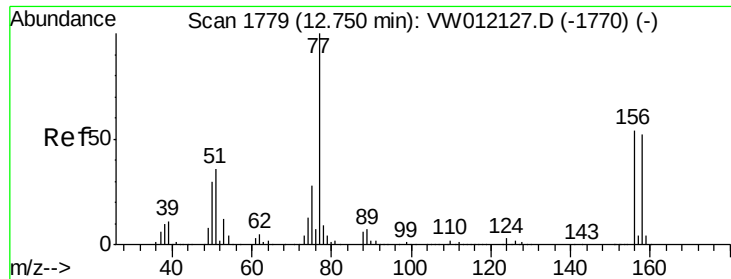
Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion:	75	Resp:	76082
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.458 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

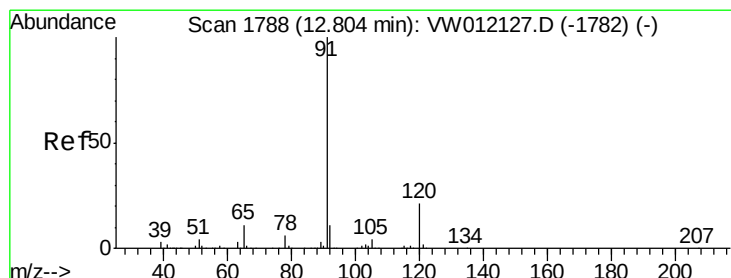
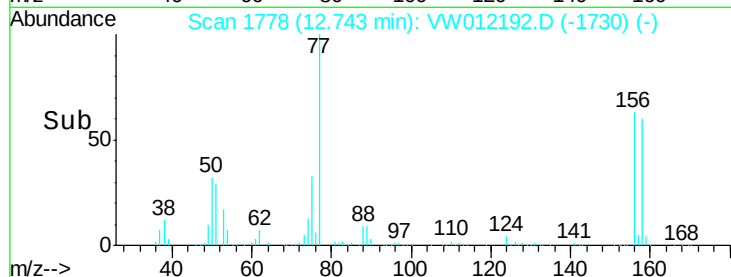
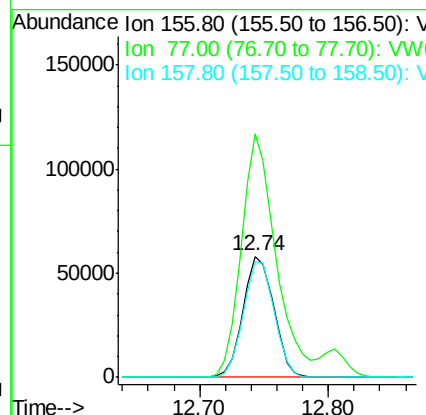
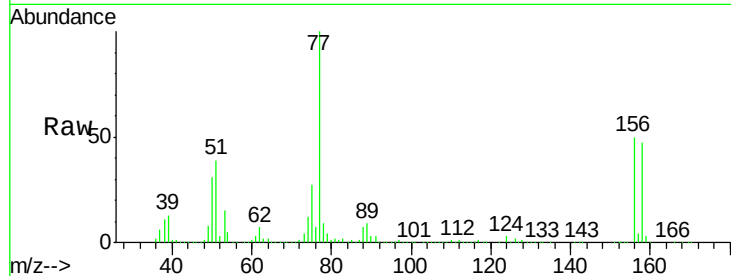
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	224.8	107.3	321.8
158	96.6	49.0	147.0

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#78

n-propylbenzene

Concen: 48.658 ug/l

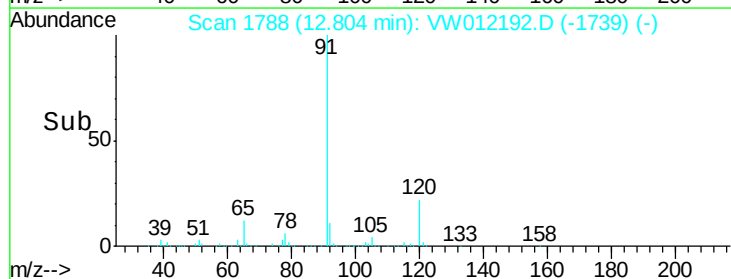
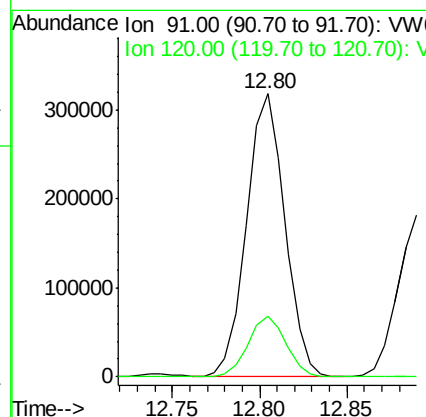
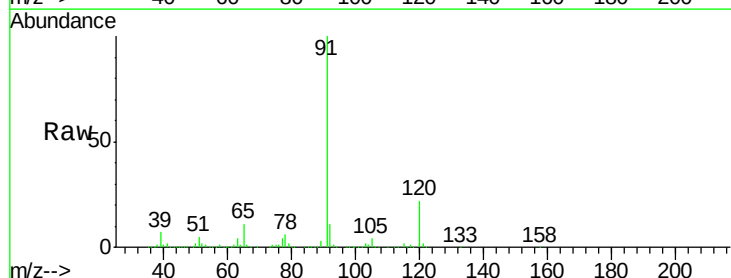
RT: 12.80 min Scan# 1788

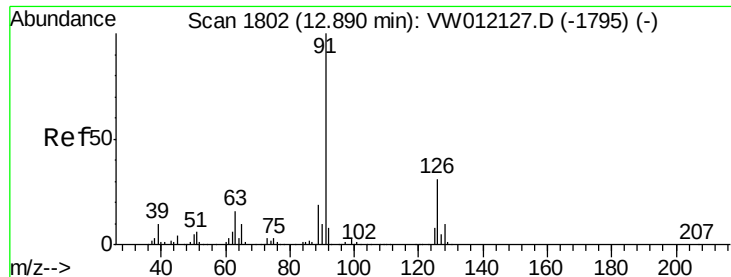
Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.5	10.5	31.6





#79

2-Chlorotoluene

Concen: 51.864 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion: 91 Resp: 292598

Ion Ratio Lower Upper

91 100

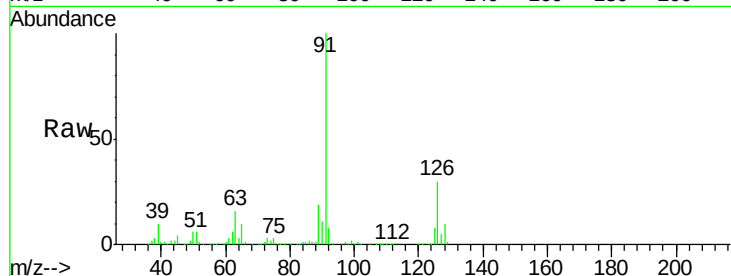
126 31.1 15.7 47.0

Manual Integrations

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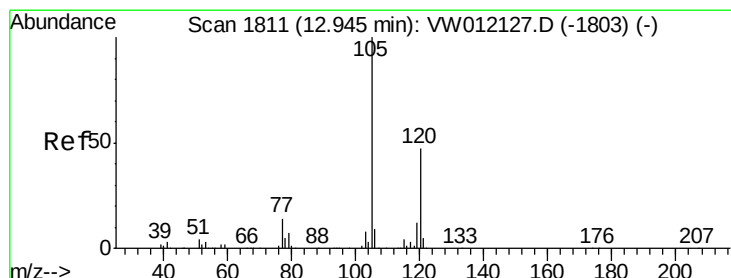
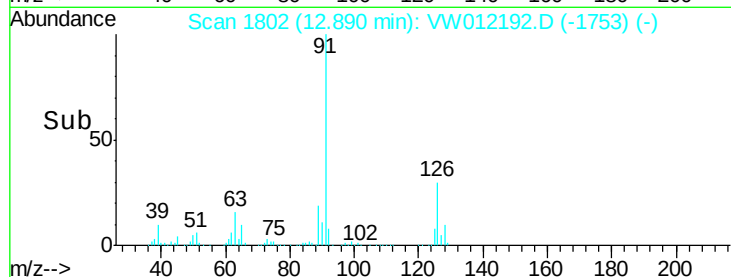
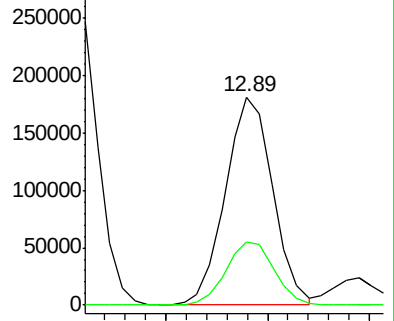
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 50.106 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012192.D

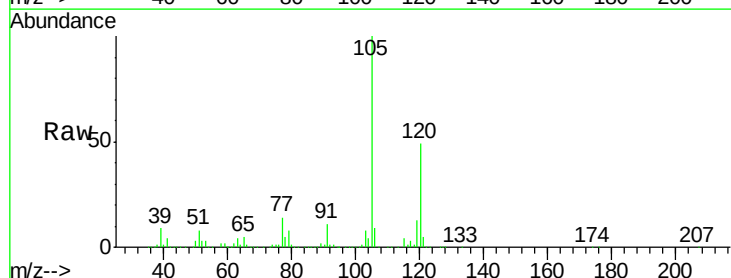
Acq: 27 Aug 2019 00:41

Tgt Ion:105 Resp: 340796

Ion Ratio Lower Upper

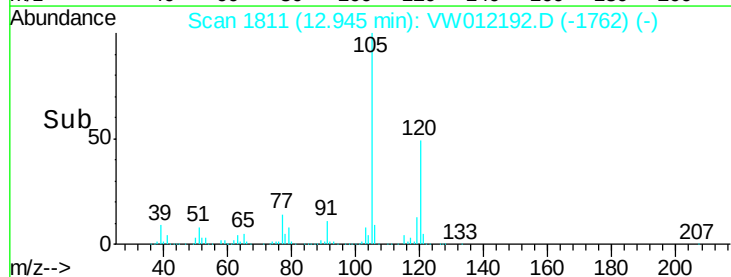
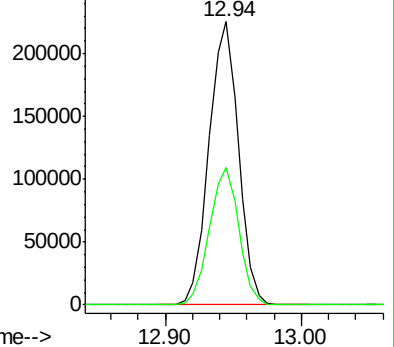
105 100

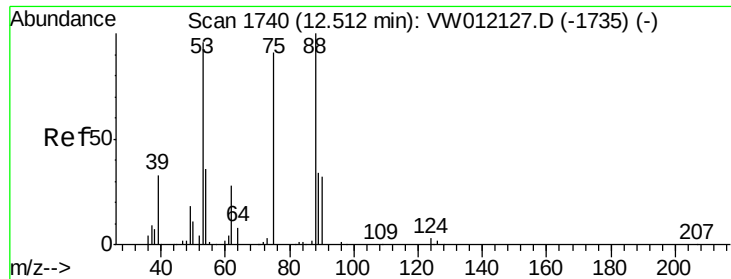
120 48.3 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





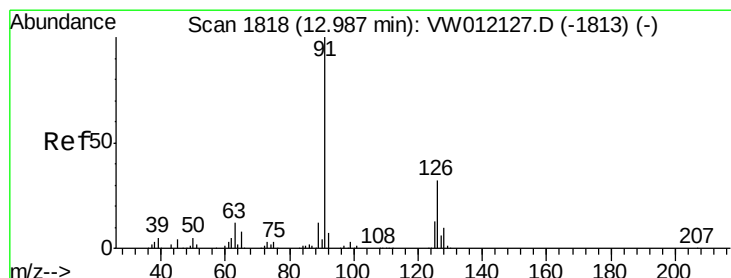
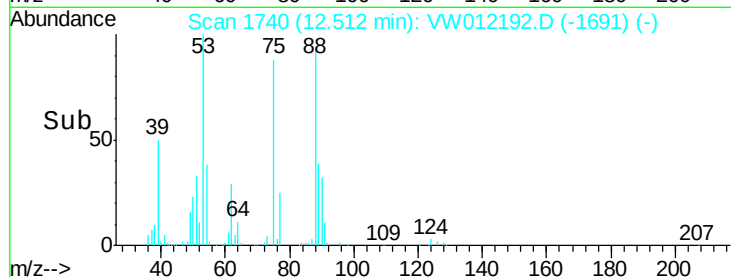
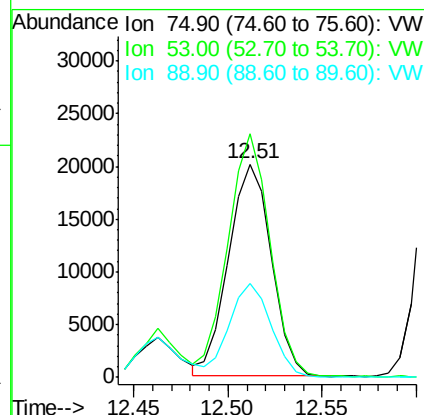
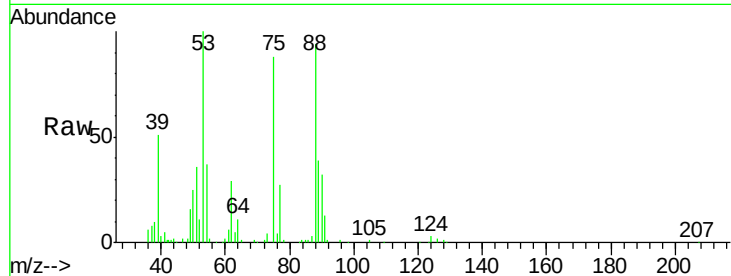
#81
trans-1,4-Dichloro-2-butene
Concen: 65.886 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.2	89.4	134.0
89	43.0	34.5	51.7

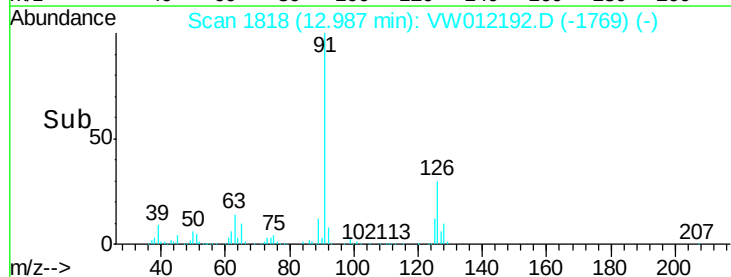
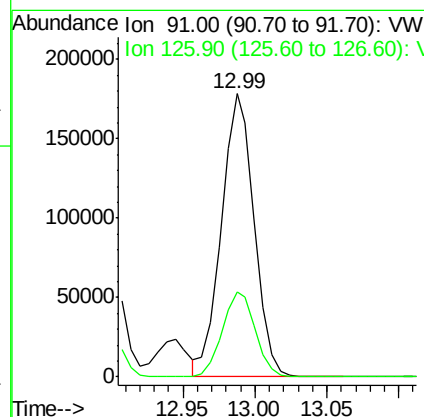
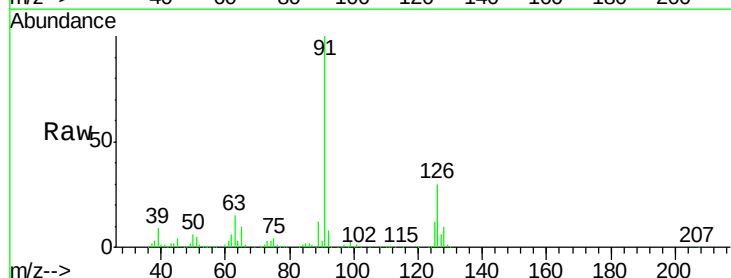
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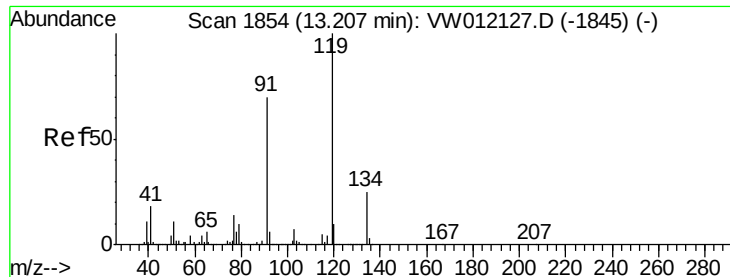
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#82
4-Chlorotoluene
Concen: 47.712 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.6	46.8





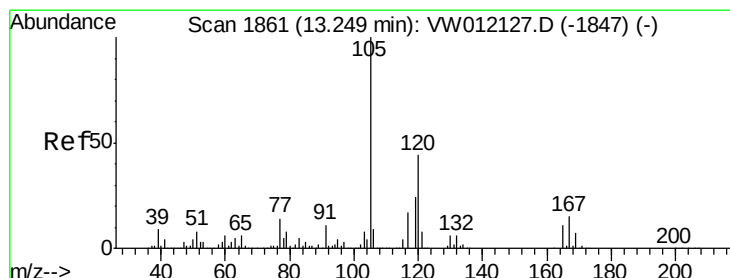
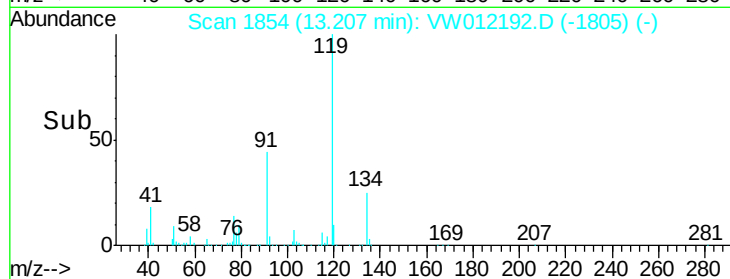
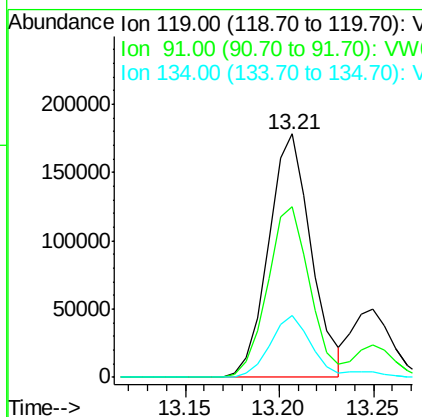
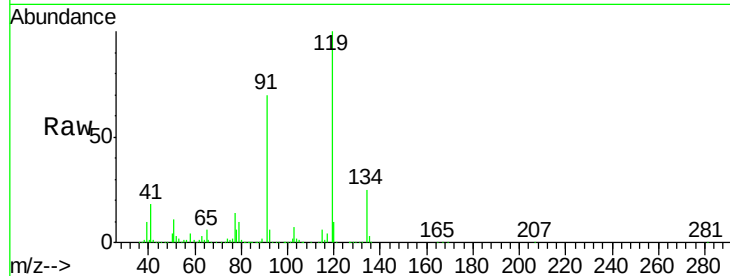
#83
 tert-Butylbenzene
 Concen: 48.532 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.4	34.8	104.3
134	26.4	13.3	39.8

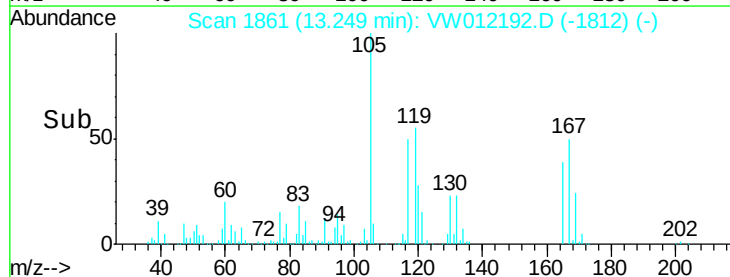
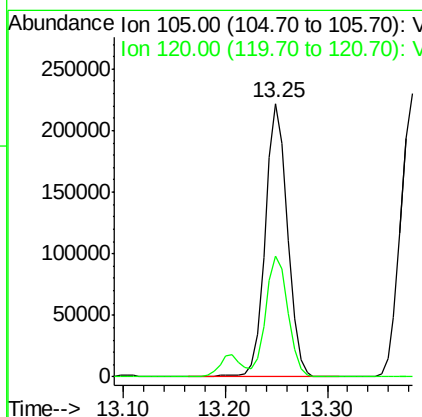
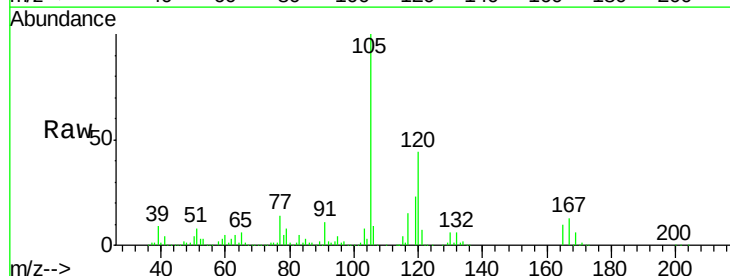
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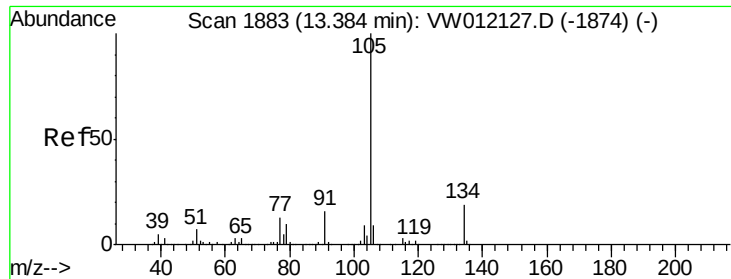
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.121 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.9	65.7





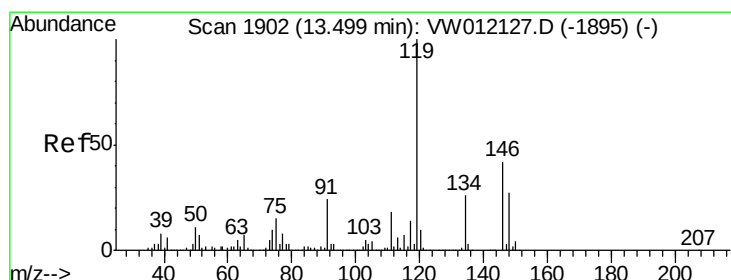
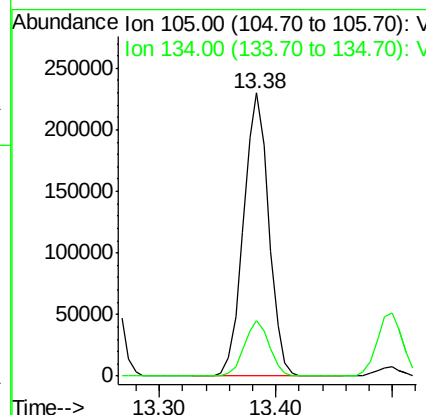
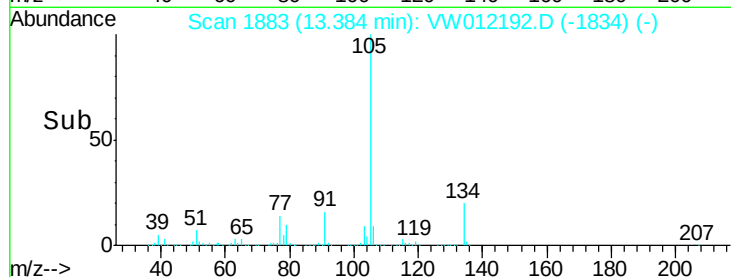
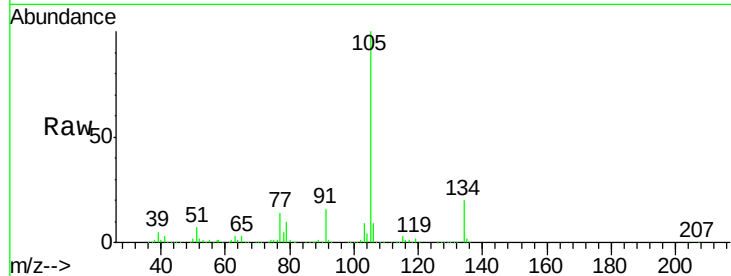
#85
 sec-Butylbenzene
 Concen: 42.061 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

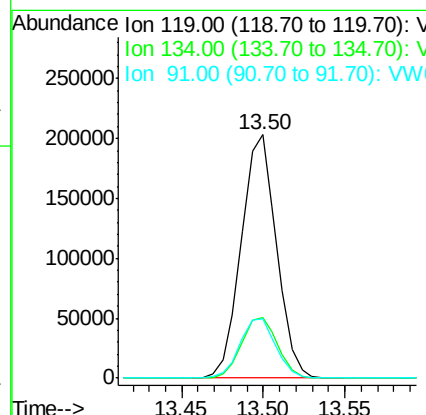
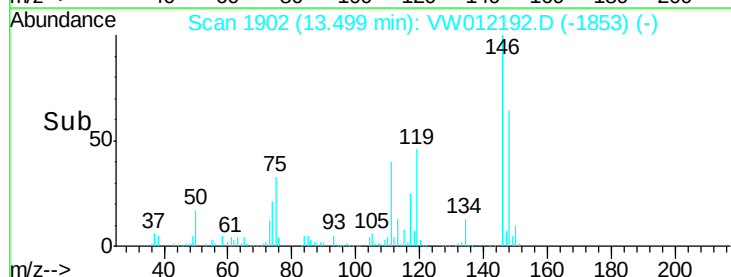
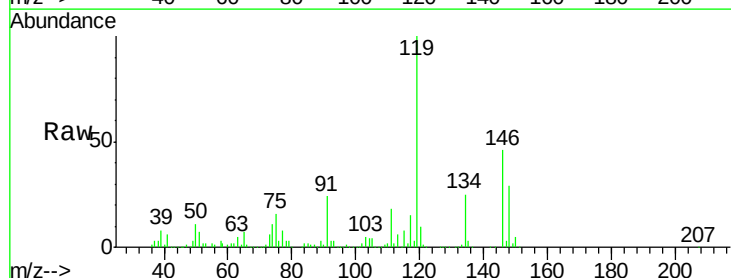
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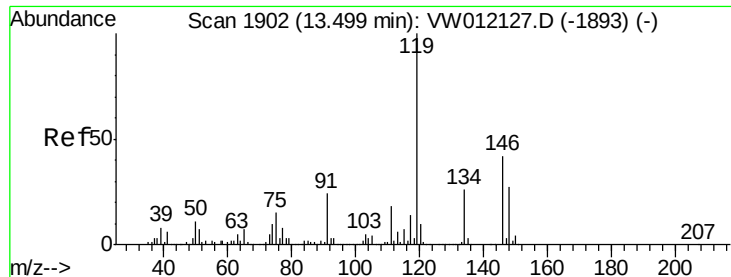
MMDadoda
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#86
 p-Isopropyltoluene
 Concen: 41.376 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.8	38.3
91	24.7	12.3	36.9





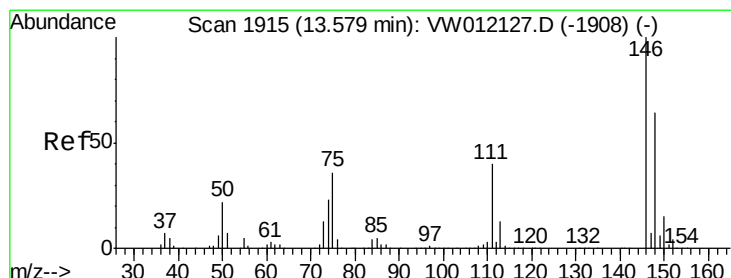
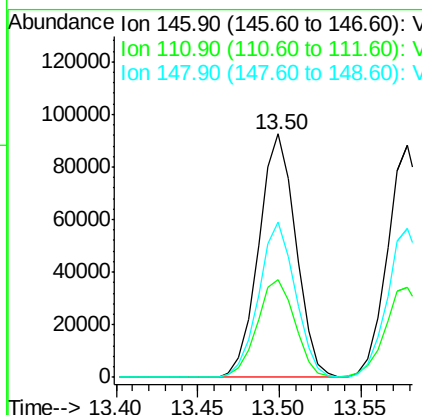
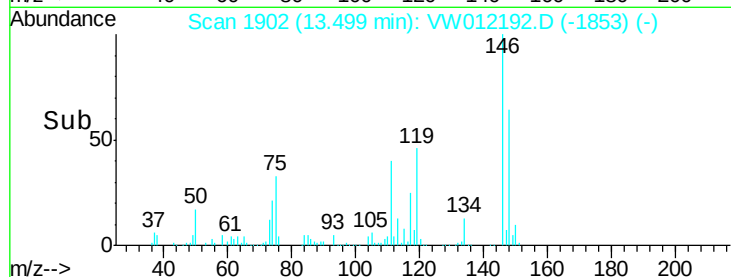
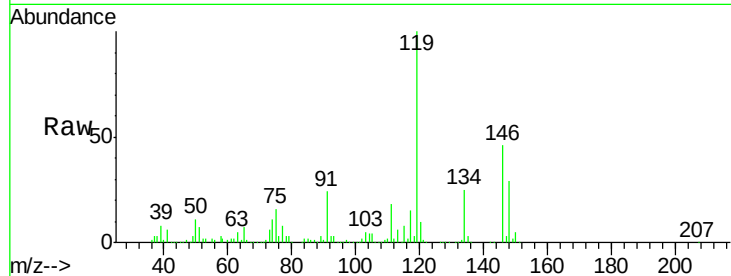
#87
 1,3-Dichlorobenzene
 Concen: 42.173 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.9	62.7
148	63.0	32.2	96.6

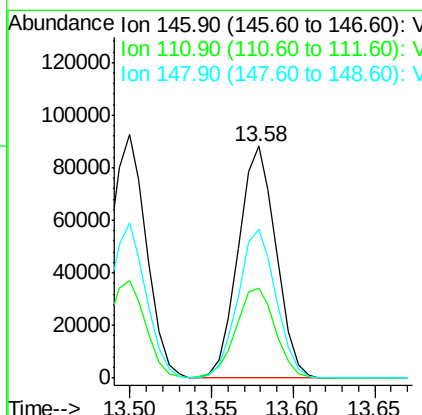
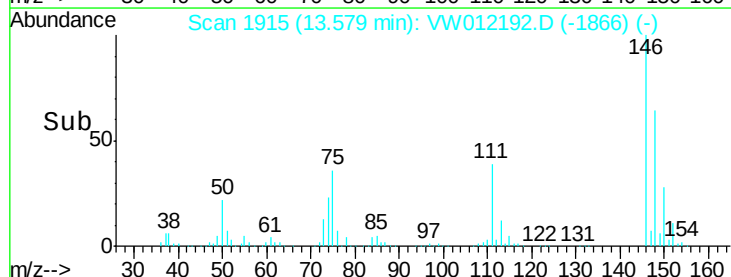
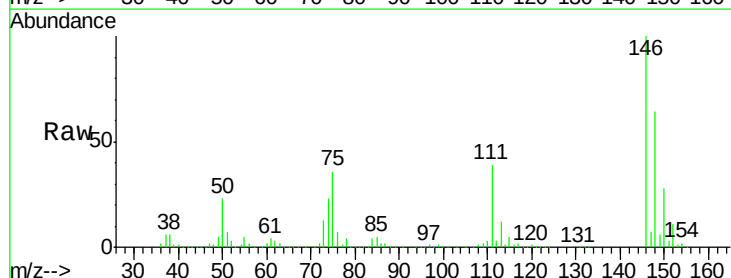
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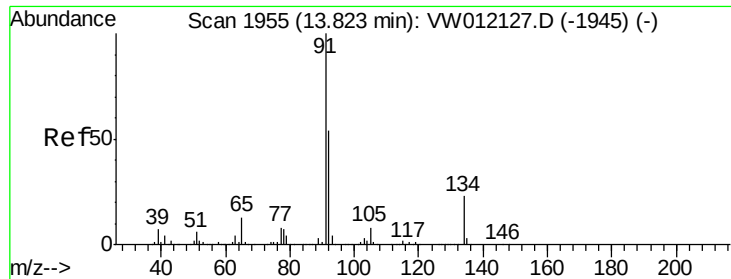
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#88
 1,4-Dichlorobenzene
 Concen: 41.467 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.0	60.0
148	64.6	32.1	96.3





#89

n-Butylbenzene

Concen: 32.881 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Instrument :

MSVOA_W

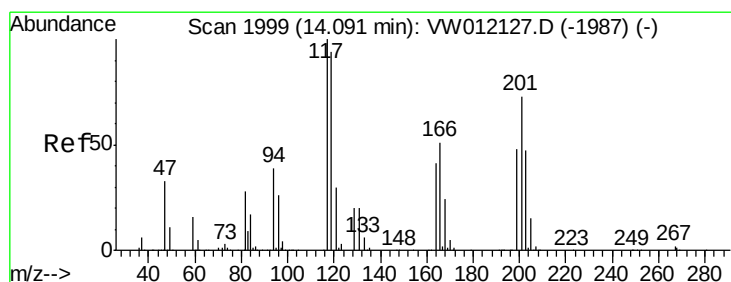
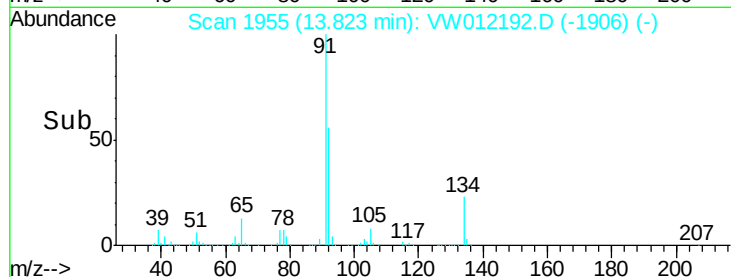
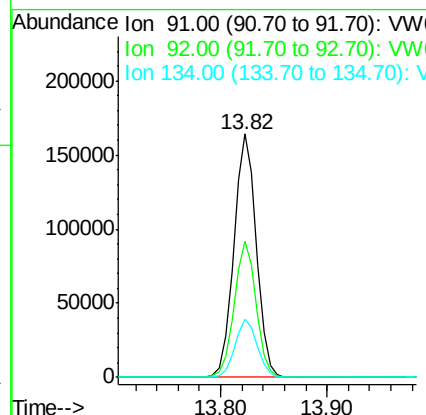
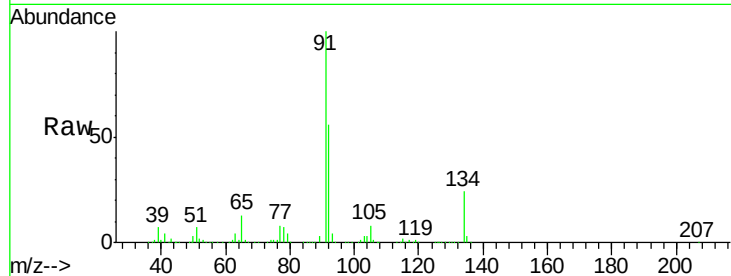
ClientSampleId :

S602-M-1.0-1.5-082319MS

Tot Ion:	91	Resp:	241036
Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.2
134	23.8	12.2	36.4

Manual Integrations
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#90

Hexachloroethane

Concen: 41.410 ug/l

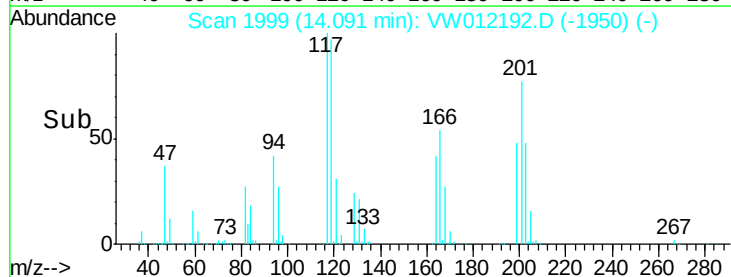
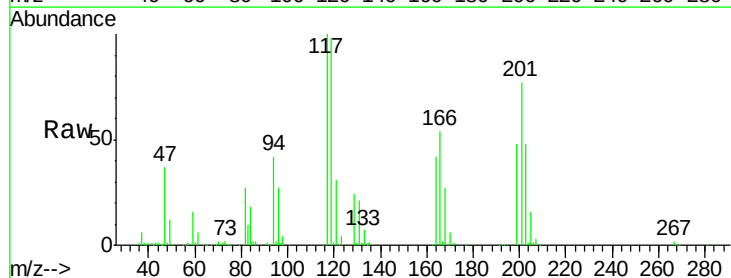
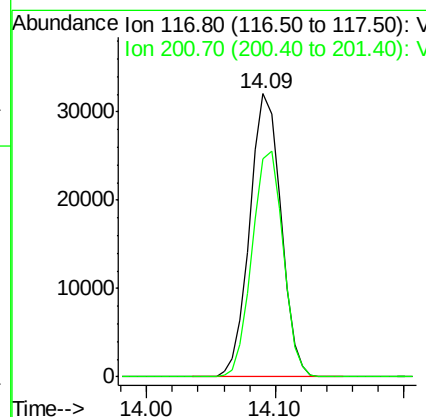
RT: 14.09 min Scan# 1999

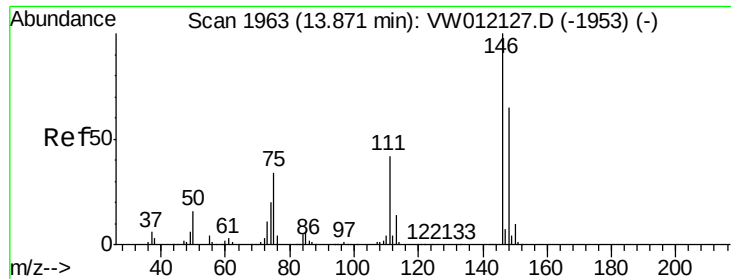
Delta R.T. -0.00 min

Lab File: VW012192.D

Acq: 27 Aug 2019 00:41

Tgt Ion:	117	Resp:	53556
Ion	Ratio	Lower	Upper
117	100		
201	79.3	38.6	115.7





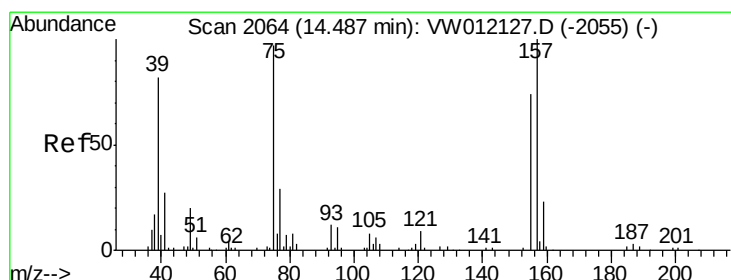
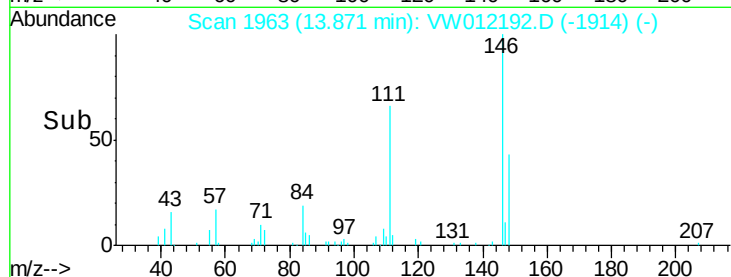
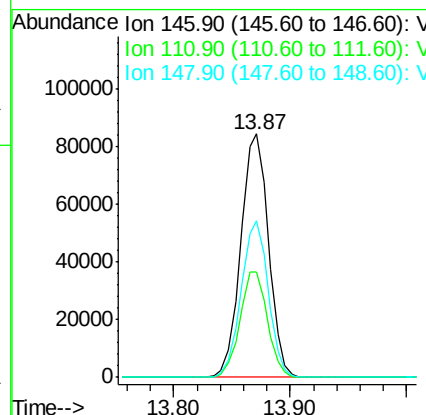
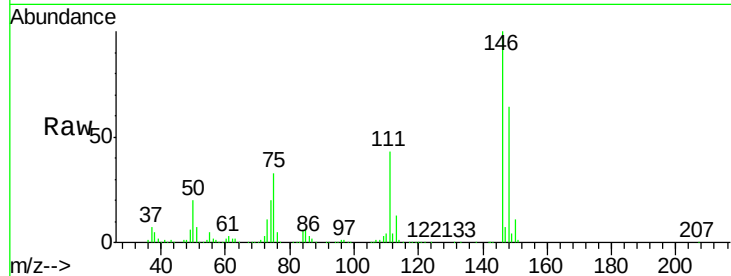
#91
 1,2-Dichlorobenzene
 Concen: 46.449 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.2	63.6
148	62.9	32.5	97.4

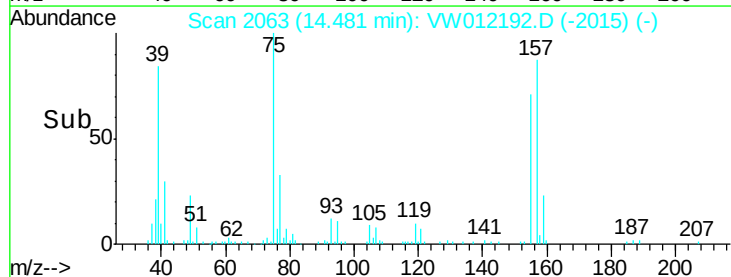
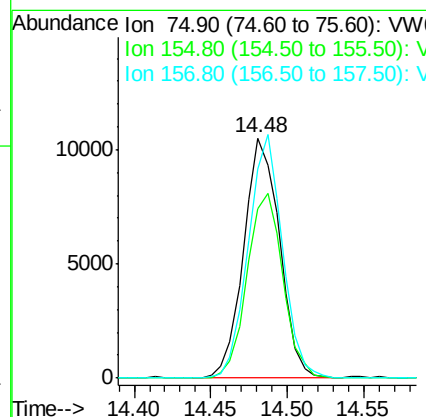
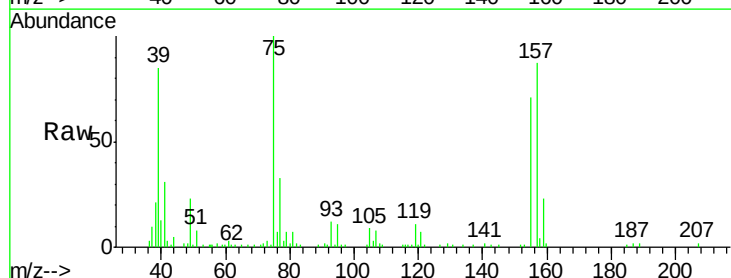
Manual Integrations
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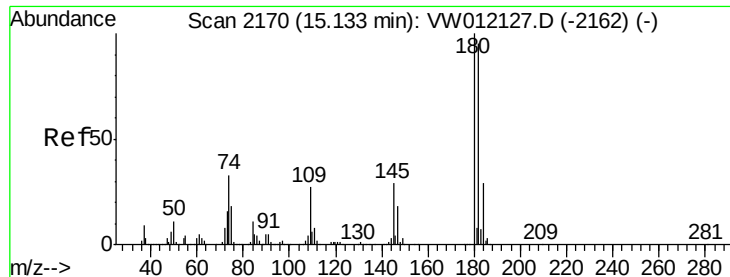
MMDadoda
 8/27/2019 11:04:36 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 68.096 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012192.D
 Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	37.5	112.3
157	96.6	50.5	151.5





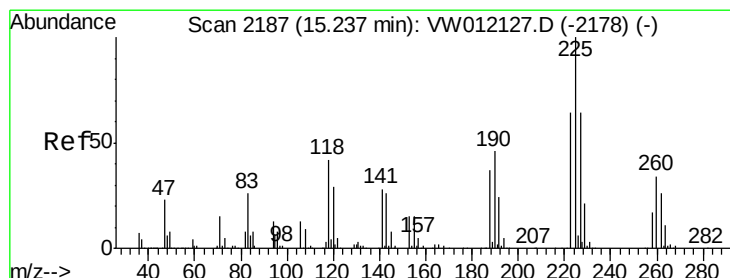
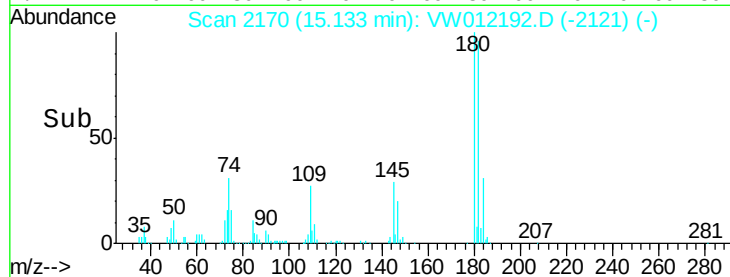
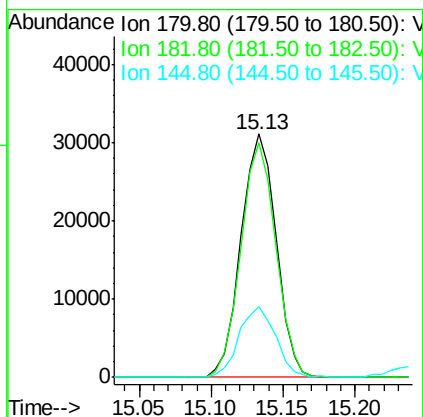
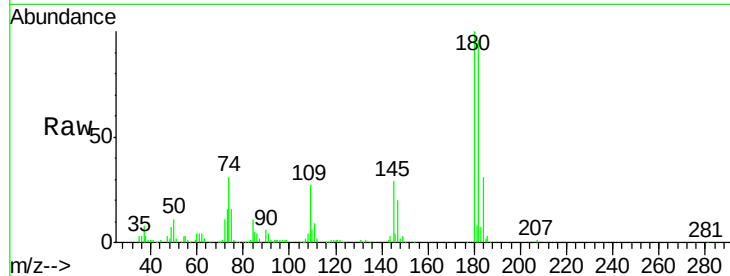
#93
1,2,4-Trichlorobenzene
Concen: 25.291 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	52811		
182	95.7	47.8	143.4	
145	30.3	15.0	45.1	

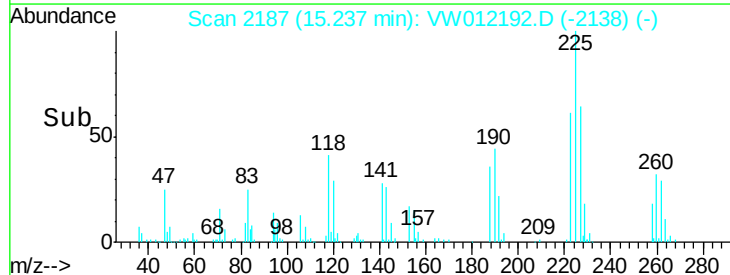
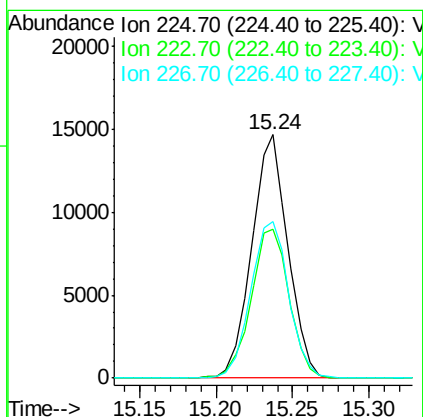
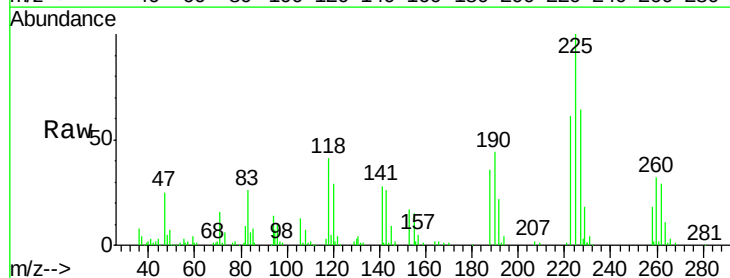
Manual Integrations
APPROVED

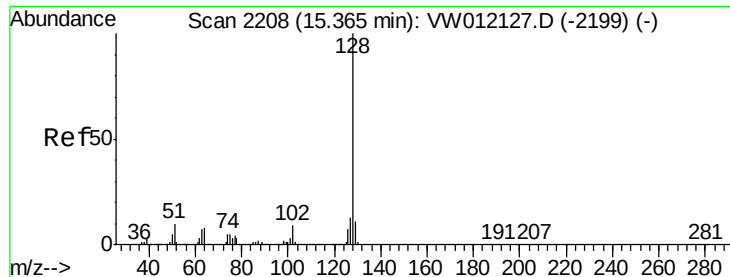
MMDadoda
8/27/2019 11:04:36 AM



#94
Hexachlorobutadiene
Concen: 17.488 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24112		
223	64.2	32.3	96.8	
227	67.3	32.9	98.6	





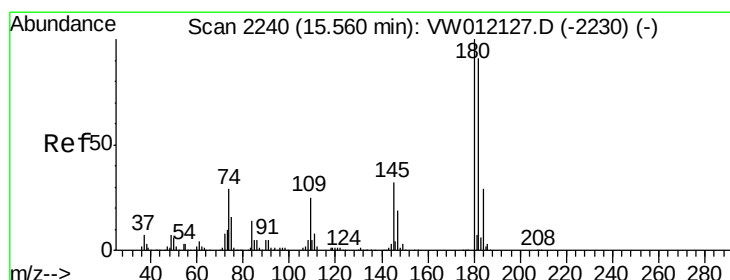
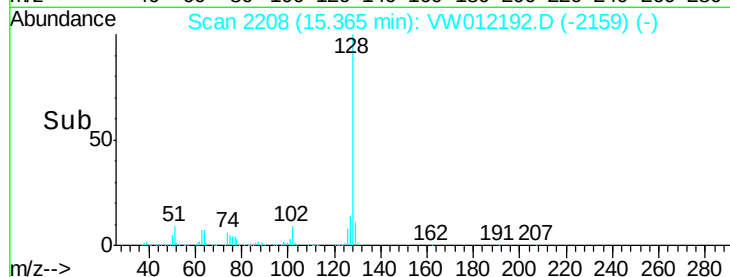
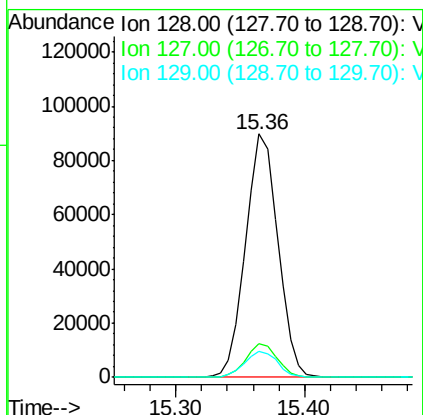
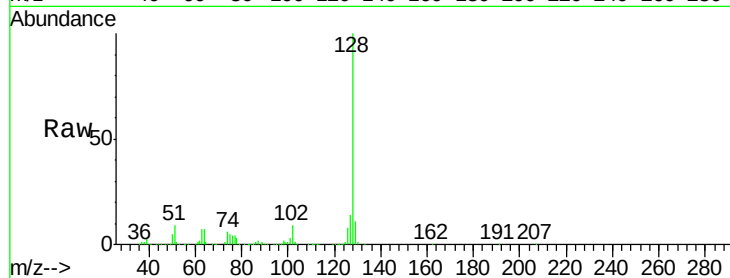
#95
Naphthalene
Concen: 39.114 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/27/2019 11:04:36 AM



#96
1,2,3-Trichlorobenzene
Concen: 25.964 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012192.D
Acq: 27 Aug 2019 00:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.1	141.3
145	33.7	16.2	48.5

