

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003709.D
 Acq On : 03 Jul 2018 19:44
 Operator : SY/AP
 Sample : J3845-15MSD
 Misc : 5.03G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MSD

Manual Integrations
 APPROVED

apatel
 7/5/2018 11:12:09 AM

Quant Time: Jul 05 02:52:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	214326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	158290	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129635	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
35) Dibromofluoromethane	7.88	113	118346	54.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.96%	
50) Toluene-d8	10.33	98	472479	55.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.84%	
62) 4-Bromofluorobenzene	12.62	95	160698	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	54162	46.978	ug/l	99
3) Chloromethane	2.21	50	87489	51.245	ug/l	99
4) Vinyl Chloride	2.36	62	126074	54.124	ug/l	100
5) Bromomethane	2.78	94	78902	51.663	ug/l	97
6) Chloroethane	2.92	64	73157	52.195	ug/l	95
7) Trichlorofluoromethane	3.25	101	59055	47.676	ug/l	98
8) Diethyl Ether	3.67	74	55936	48.804	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	105002	51.010	ug/l	99
10) Methyl Iodide	4.26	142	156774	51.866	ug/l	99
11) Tert butyl alcohol	5.21	59	30014	187.716	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	102407	49.914	ug/l	99
13) Acrolein	3.89	56	5077	65.440	ug/l	94
14) Allyl chloride	4.66	41	177930	50.708	ug/l	98
15) Acrylonitrile	5.37	53	110015	206.963	ug/l	99
16) Acetone	4.13	43	118092	193.611	ug/l	97
17) Carbon Disulfide	4.37	76	304512	49.441	ug/l	100
18) Methyl Acetate	4.67	43	99773	74.921	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	194122	48.439	ug/l	99
20) Methylene Chloride	4.91	84	121331	52.062	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	111800	49.755	ug/l	98
22) Diisopropyl ether	6.31	45	372637	51.797	ug/l	99
23) Vinyl Acetate	6.26	43	774641	163.867	ug/l	99
24) 1,1-Dichloroethane	6.21	63	221146	51.547	ug/l	99
25) 2-Butanone	7.18	43	159378	204.067	ug/l	95
26) 2,2-Dichloropropane	7.17	77	124773	47.433	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	124400	50.839	ug/l	98
28) Bromochloromethane	7.51	49	93856	49.768	ug/l	100
29) Tetrahydrofuran	7.54	42	99794	213.156	ug/l	100
30) Chloroform	7.68	83	224708	51.798	ug/l	99
31) Cyclohexane	7.95	56	193381	49.505	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	177787	52.646	ug/l	100
36) 1,1-Dichloropropene	8.08	75	177661	53.627	ug/l	100
37) Ethyl Acetate	7.26	43	59930	37.164	ug/l	99
38) Carbon Tetrachloride	8.07	117	168741	53.543	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	195442	51.229	ug/l	99
40) Benzene	8.32	78	501559	53.865	ug/l	99
41) Methacrylonitrile	7.49	41	41026	44.760	ug/l	98
42) 1,2-Dichloroethane	8.40	62	148617	50.690	ug/l	99
43) Isopropyl Acetate	8.43	43	124670	41.049	ug/l	98
44) Trichloroethene	9.09	130	126716	52.642	ug/l	100
45) 1,2-Dichloropropane	9.37	63	128134	53.047	ug/l	99
46) Dibromomethane	9.46	93	61875	49.325	ug/l	99
47) Bromodichloromethane	9.65	83	164905	53.179	ug/l	97
48) Methyl methacrylate	9.44	41	70777	44.497	ug/l	98
49) 1,4-Dioxane	9.46	88	15764	801.076	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	364310	227.643	ug/l	99
52) Toluene	10.39	92	316412	54.453	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	160477	49.882	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	187875	51.511	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	86348	48.858	ug/l	97
56) Ethyl methacrylate	10.65	69	102299	41.449	ug/l	100
57) 1,3-Dichloropropane	10.93	76	151990	49.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	214242	226.793	ug/l	100
59) 2-Hexanone	10.98	43	259308	226.669	ug/l	98
60) Dibromochloromethane	11.13	129	103837	50.259	ug/l	99
61) 1,2-Dibromoethane	11.24	107	80320	47.448	ug/l	99
64) Tetrachloroethene	10.87	164	114449	54.609	ug/l	96
65) Chlorobenzene	11.66	112	337320	51.744	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	121870	53.492	ug/l	99
67) Ethyl Benzene	11.74	91	617122	54.028	ug/l	99
68) m/p-Xylenes	11.84	106	469859	108.172	ug/l	99
69) o-Xylene	12.17	106	220336	54.872	ug/l	100
70) Styrene	12.19	104	363591	53.910	ug/l	98
71) Bromoform	12.35	173	60490	47.784	ug/l #	100
73) Isopropylbenzene	12.47	105	602897	55.993	ug/l	100
74) N-amyl acetate	12.28	43	101928	35.850	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	101652	48.266	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	67081m	47.132	ug/l	
77) Bromobenzene	12.75	156	136708	52.904	ug/l	99
78) n-propylbenzene	12.81	91	728053	54.734	ug/l	100
79) 2-Chlorotoluene	12.90	91	415007	54.828	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	506023	55.554	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	31016	46.176	ug/l	98
82) 4-Chlorotoluene	12.99	91	434425	54.066	ug/l	99
83) tert-Butylbenzene	13.21	119	428546	55.775	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	521425	55.605	ug/l	100
85) sec-Butylbenzene	13.39	105	602837	52.726	ug/l	100
86) p-Isopropyltoluene	13.51	119	534056	53.403	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	270616	51.600	ug/l	99
88) 1,4-Dichlorobenzene	13.59	146	267191	50.984	ug/l	99
89) n-Butylbenzene	13.83	91	488462	49.404	ug/l	99
90) Hexachloroethane	14.10	117	99242	53.416	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	243348	51.895	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16924	46.120	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	146110	44.190	ug/l	99
94) Hexachlorobutadiene	15.24	225	73970	38.735	ug/l	99
95) Naphthalene	15.38	128	269828	44.996	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	132846	45.104	ug/l	99

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

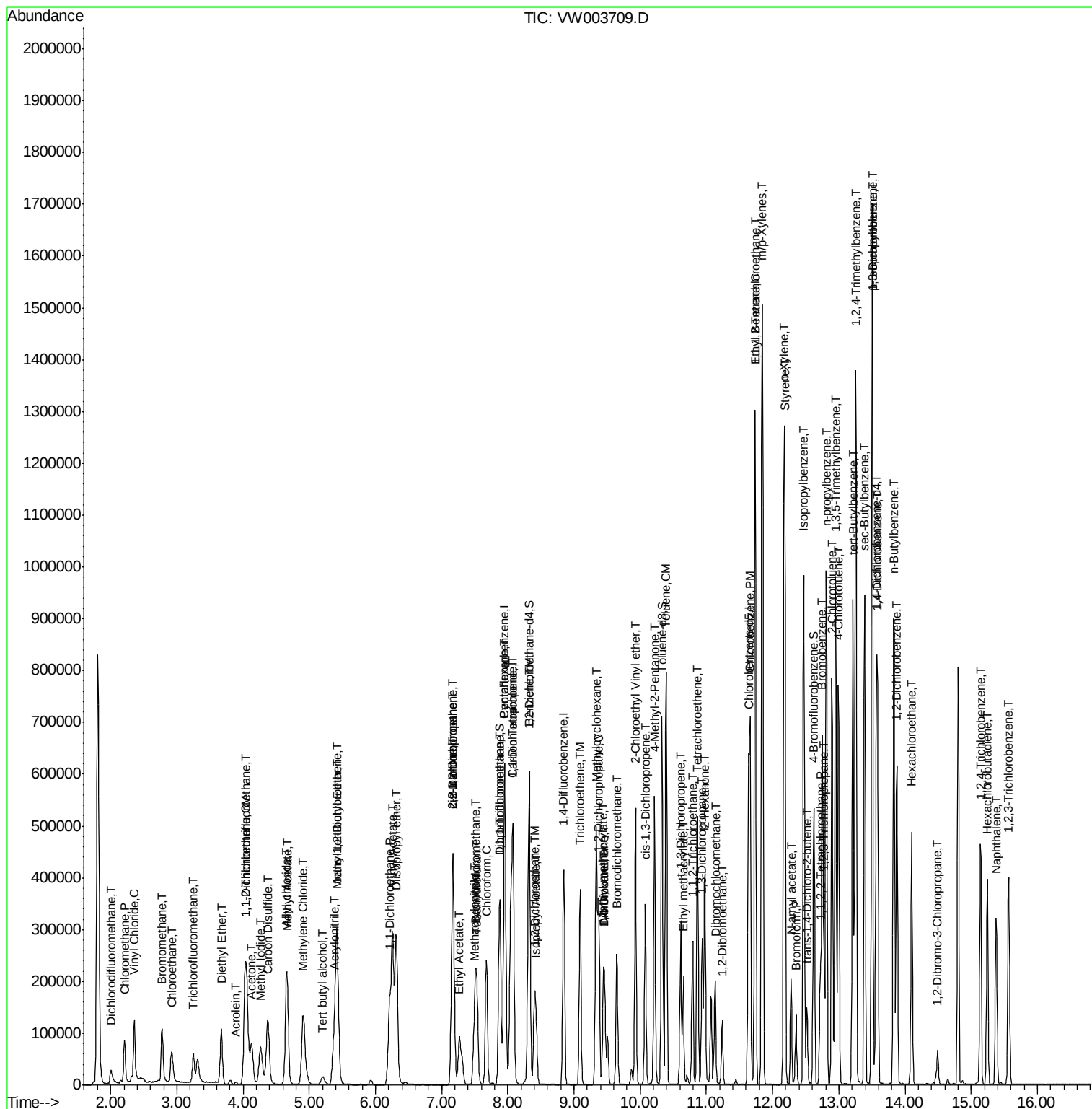
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070318\
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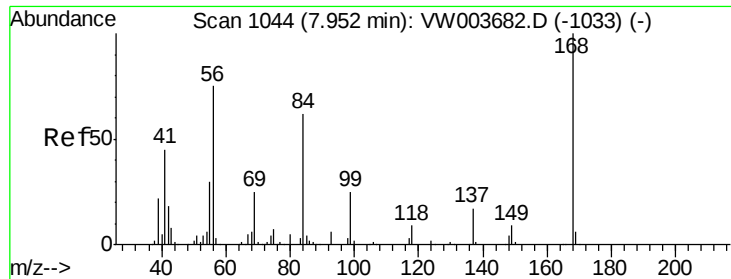
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Tot Ion: 168 Resp: 214326

Ion Ratio Lower Upper

168 100

99 57.4 45.4 68.2

Instrument :

MSVOA_W

ClientSampled :

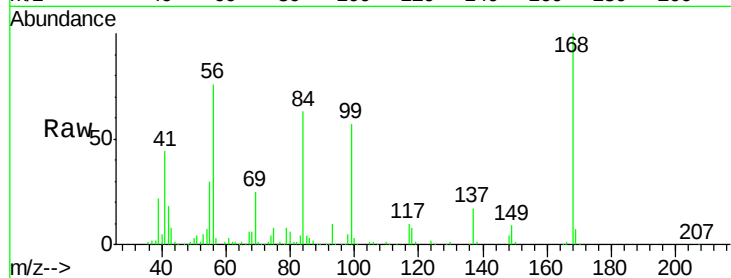
GF-G-9MSD

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

80000

60000

40000

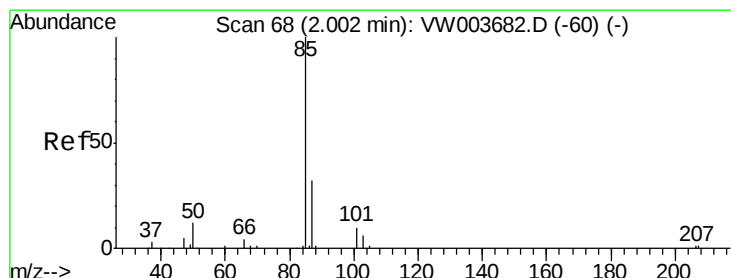
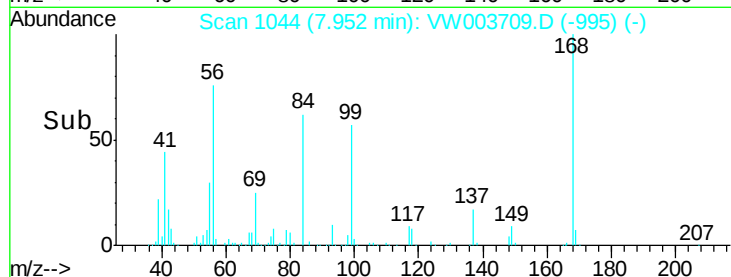
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 46.978 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003709.D

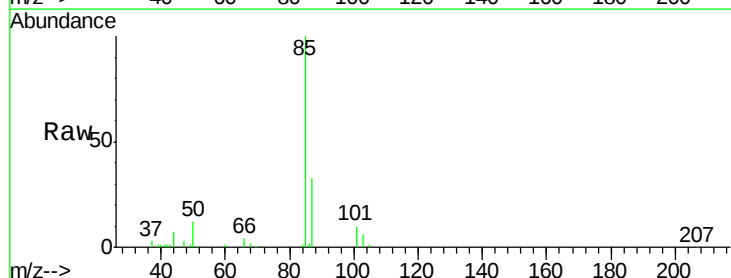
Acq: 03 Jul 2018 19:44

Tgt Ion: 85 Resp: 54162

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

15000

10000

5000

0

1.90

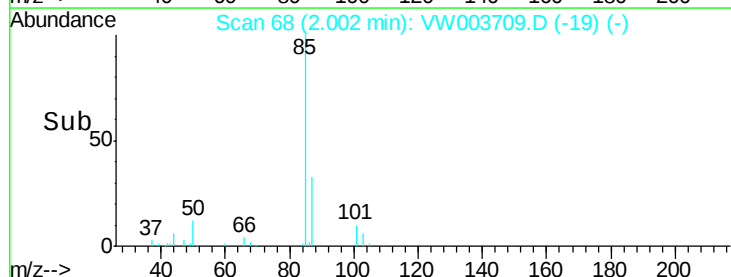
2.00

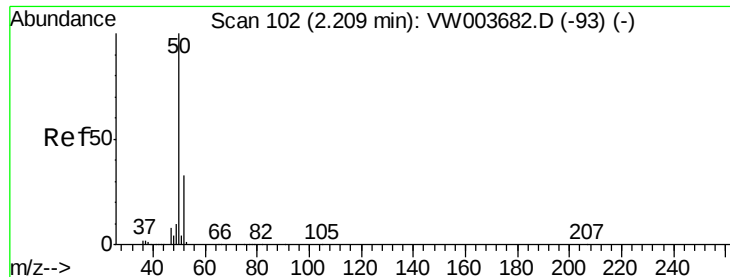
2.10

2.20

2.30

Time-->





#3

Chloromethane

Concen: 51.245 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MSD

Tot Ion: 50 Resp: 87489

Ion Ratio Lower Upper

50 100

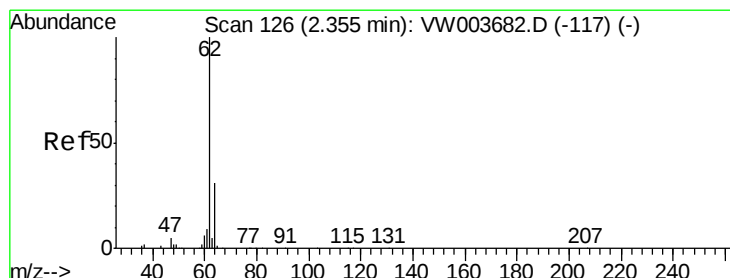
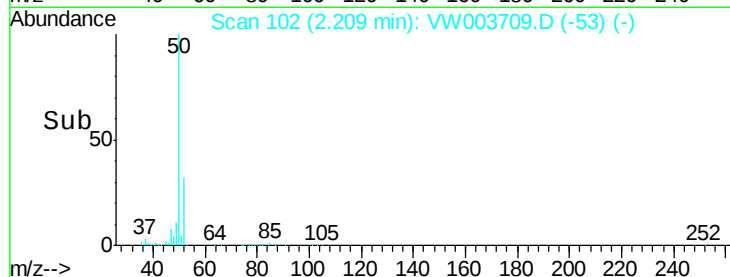
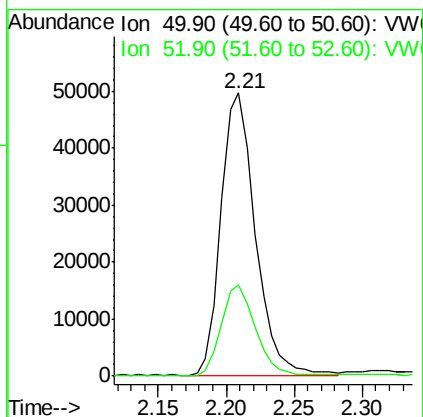
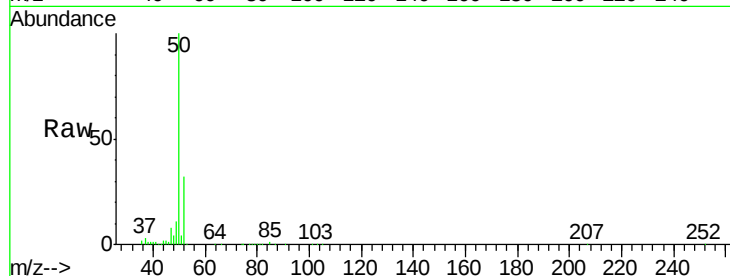
52 32.2 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.124 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003709.D

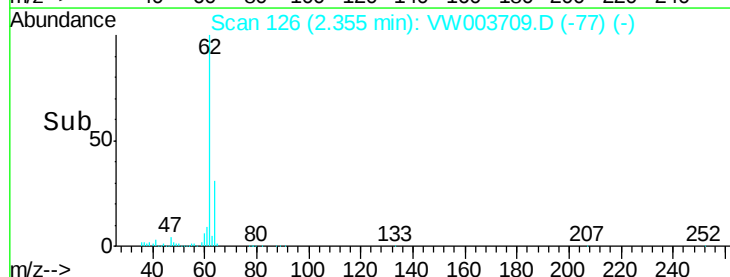
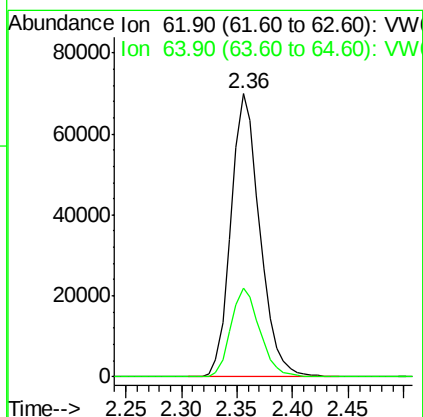
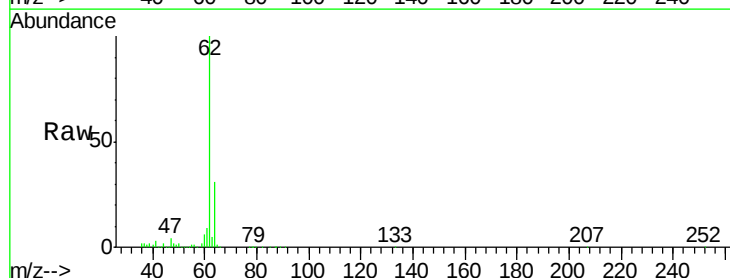
Acq: 03 Jul 2018 19:44

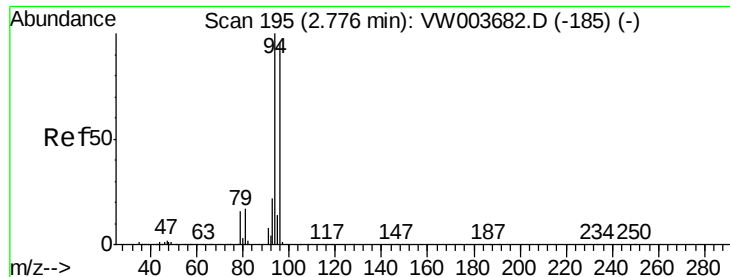
Tgt Ion: 62 Resp: 126074

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 51.663 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

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ClientSampleId :

GF-G-9MSD

Tot Ion: 94 Resp: 78902

Ion Ratio Lower Upper

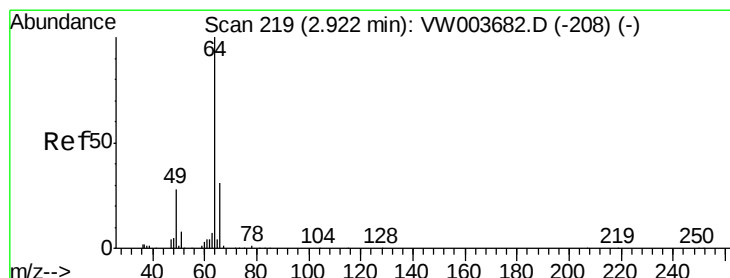
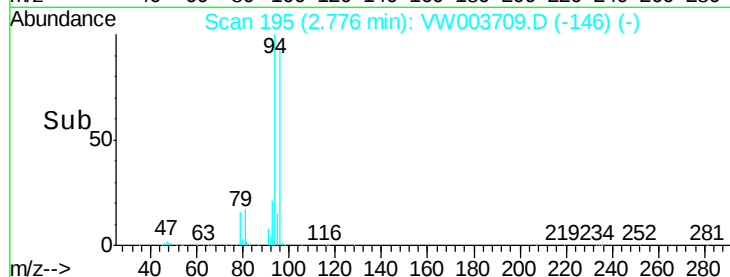
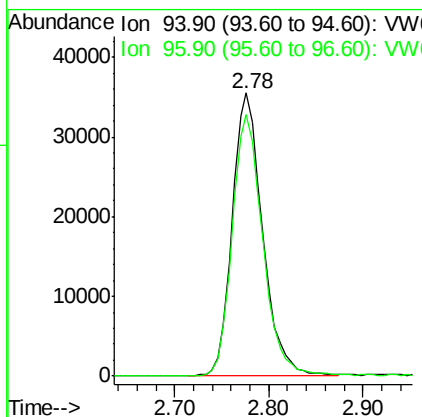
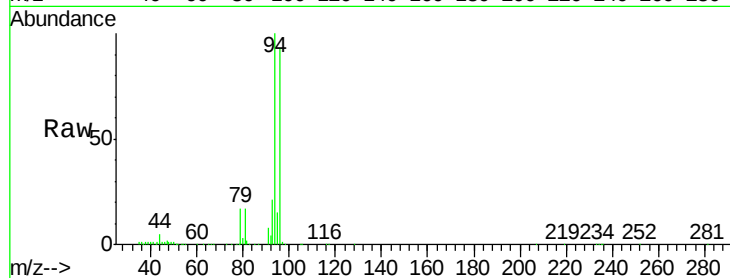
94 100

96 92.4 76.6 115.0

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#6

Chloroethane

Concen: 52.195 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003709.D

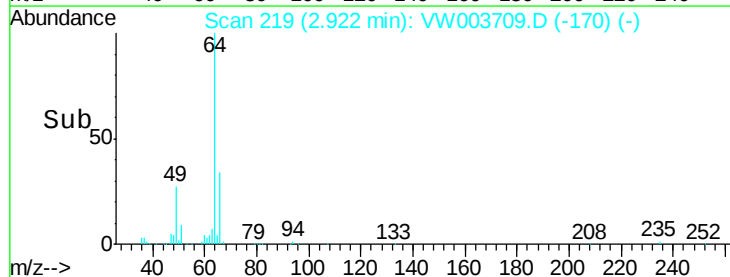
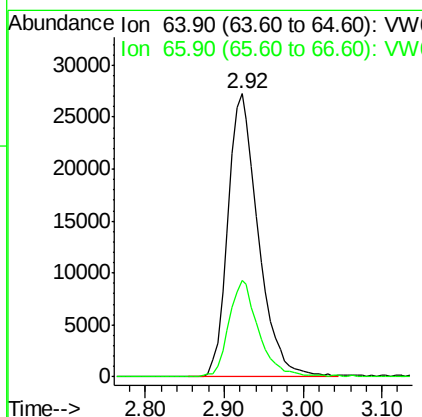
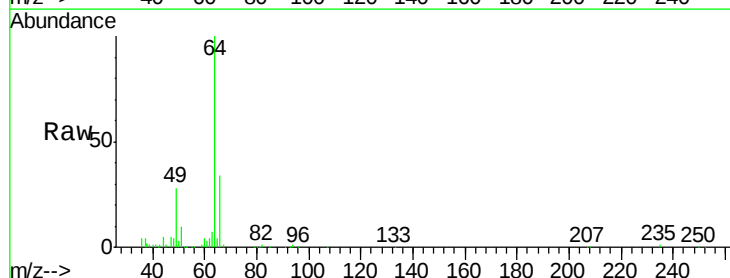
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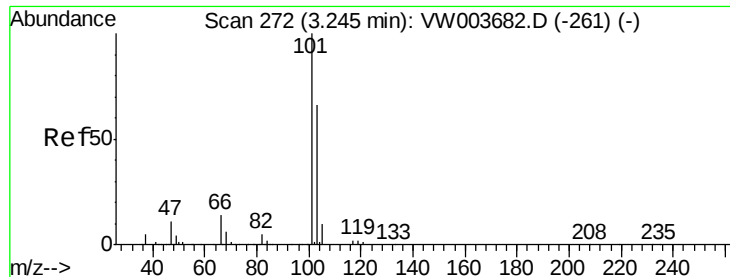
Tgt Ion: 64 Resp: 73157

Ion Ratio Lower Upper

64 100

66 34.2 25.0 37.6





#7

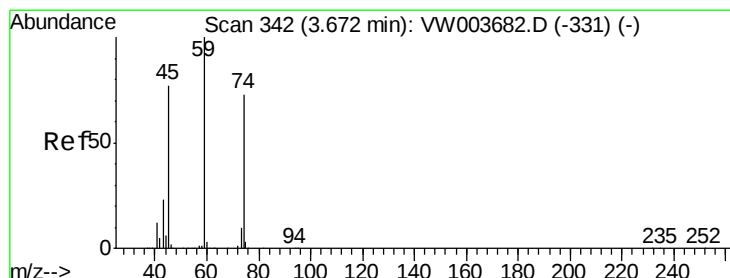
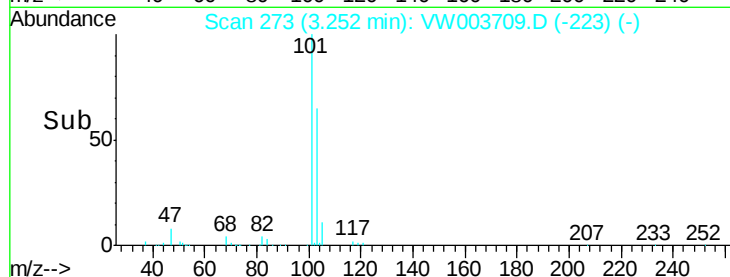
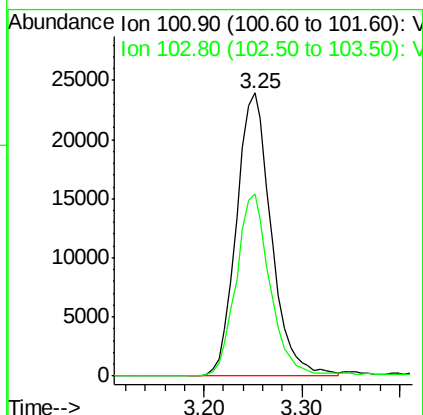
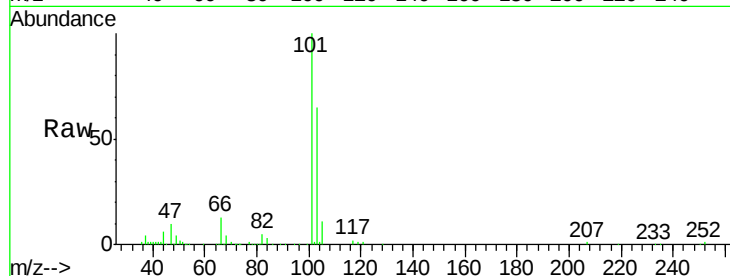
Trichlorofluoromethane
Concen: 47.676 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.01 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	52.9	79.3

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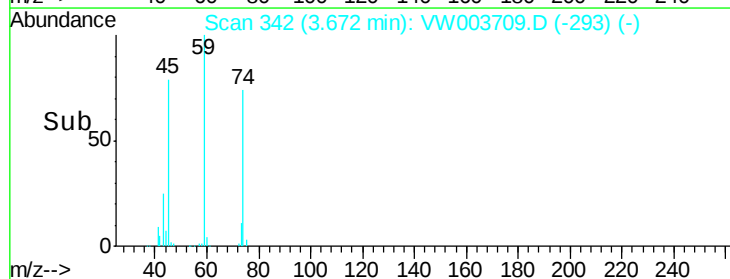
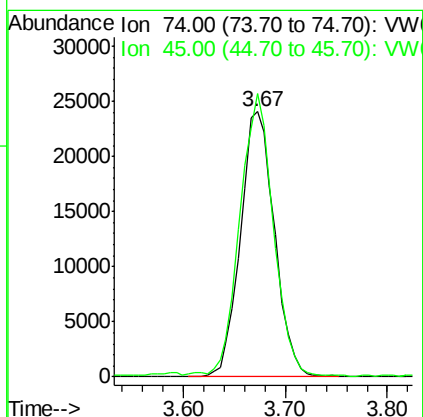
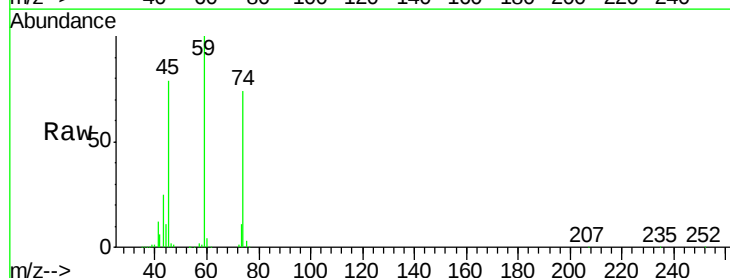
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7/5/2018 11:12:09 AM

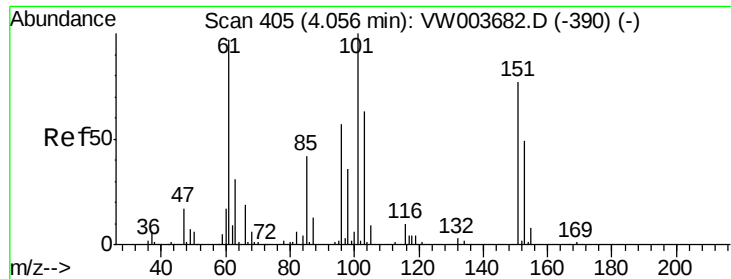


#8

Diethyl Ether
Concen: 48.804 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.4	53.5	160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.010 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

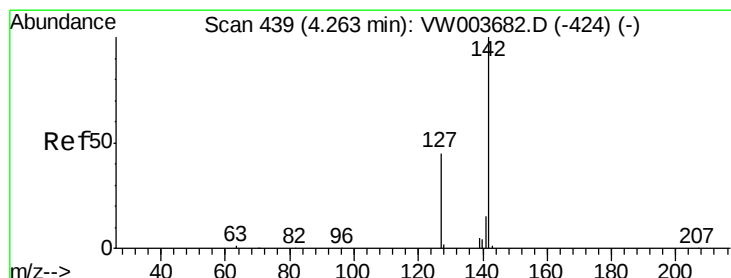
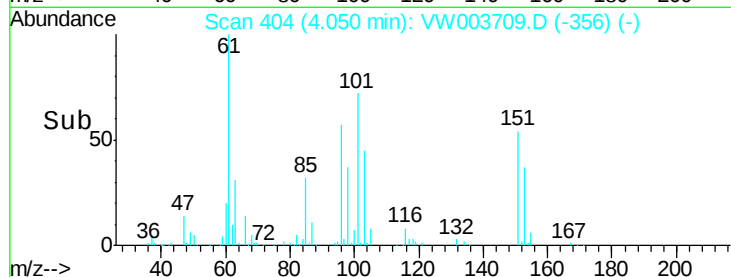
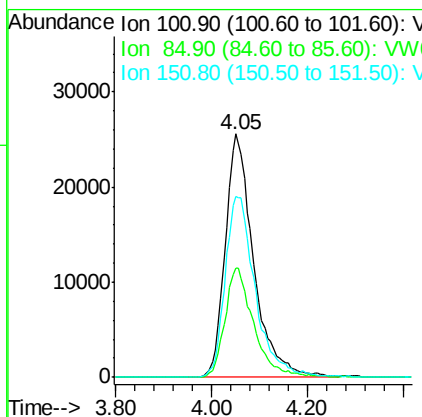
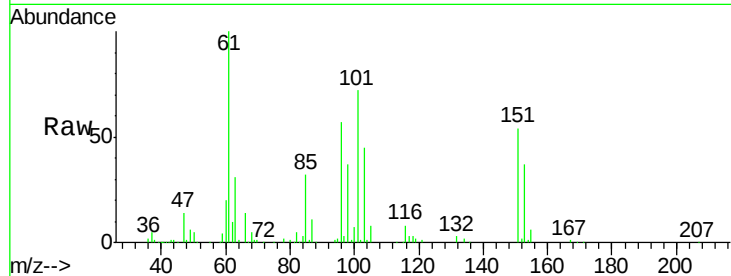
ClientSampled :

GF-G-9MSD

Tot Ion:	101	Resp:	105002
Ion Ratio	Lower	Upper	
101	100		
85	45.4	36.6	55.0
151	79.1	62.4	93.6

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#10

Methyl Iodide

Concen: 51.866 ug/l

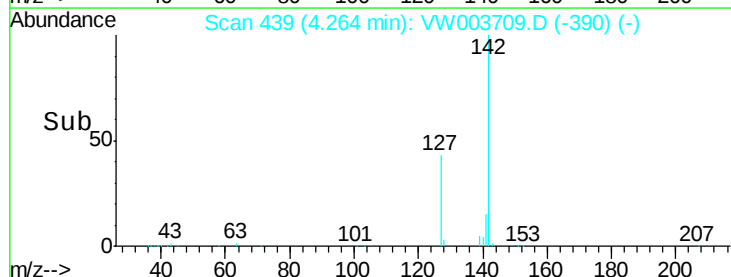
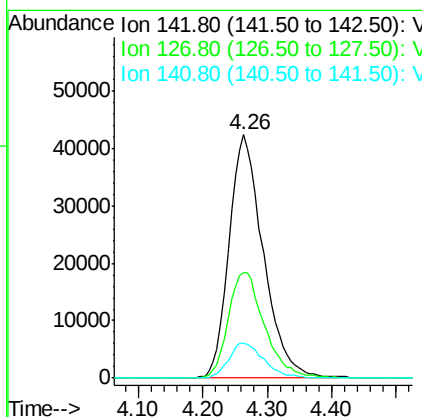
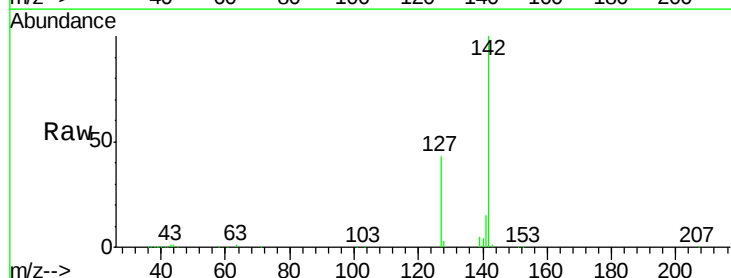
RT: 4.26 min Scan# 439

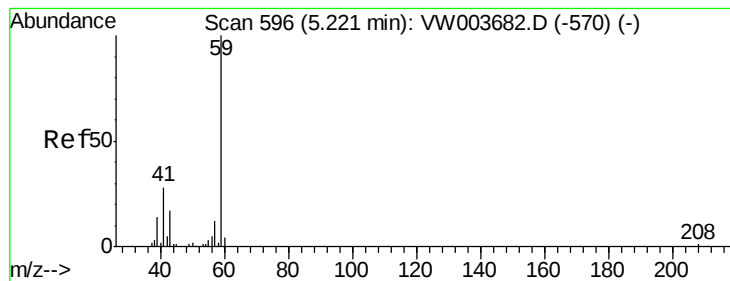
Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Tgt Ion:	142	Resp:	156774
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.0	54.0
141	14.8	11.9	17.9





#11

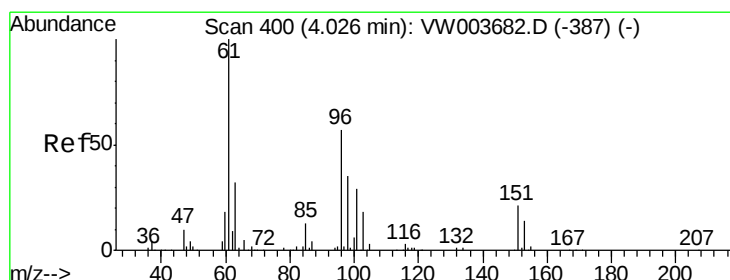
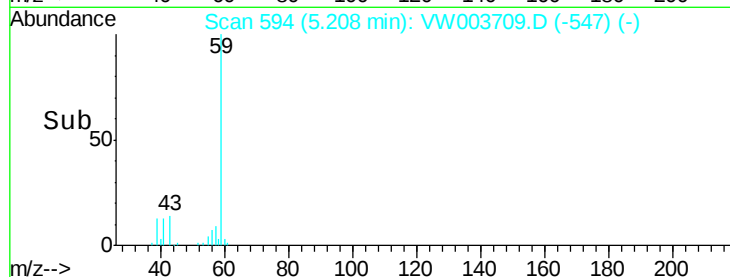
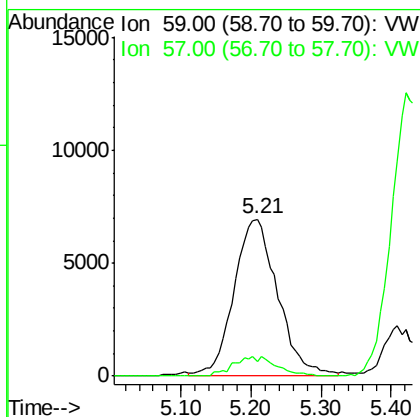
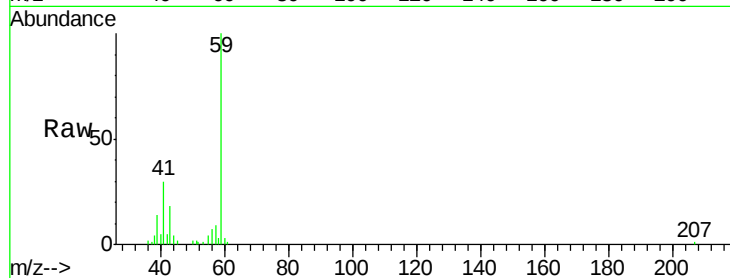
Tert butyl alcohol
 Concen: 187.716 ug/l
 RT: 5.21 min Scan# 594
 Delta R.T. -0.01 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Instrument :
 MSVOA_W
 ClientSampled :
 GF-G-9MSD

Tot Ion	59	Resp	30014
Ion Ratio	100	Lower	Upper
59	100		
57	6.9	9.0	13.4#

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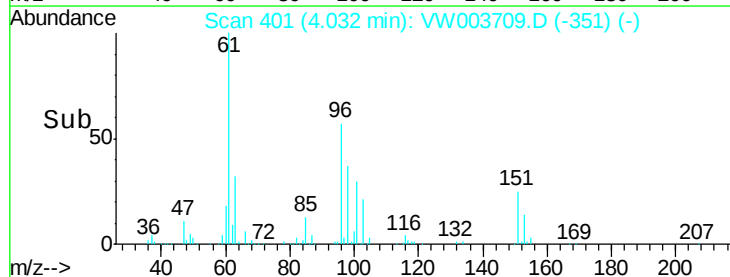
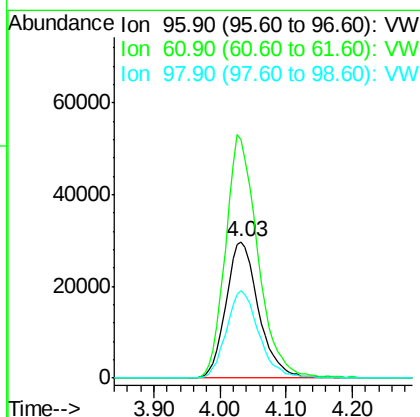
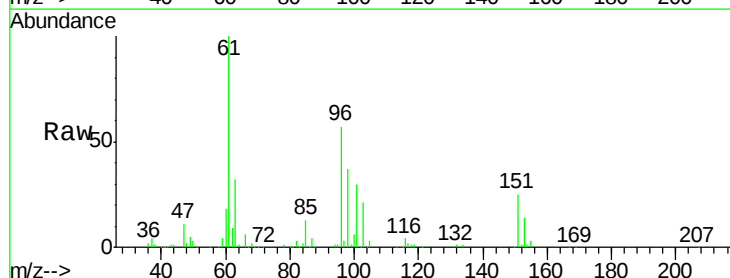
apatel
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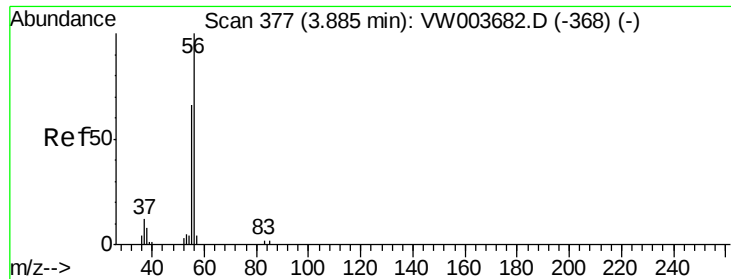


#12

1,1-Dichloroethene
 Concen: 49.914 ug/l
 RT: 4.03 min Scan# 401
 Delta R.T. 0.01 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Tgt Ion	96	Resp	102407
Ion Ratio	100	Lower	Upper
96	100		
61	174.7	140.6	211.0
98	64.2	49.4	74.0





#13

Acrolein

Concen: 65.440 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MSD

Tot Ion: 56 Resp: 5077

Ion Ratio Lower Upper

56 100

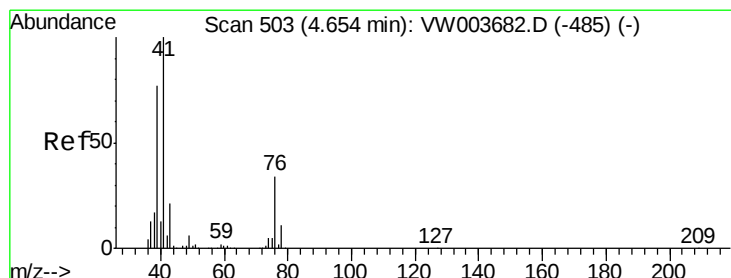
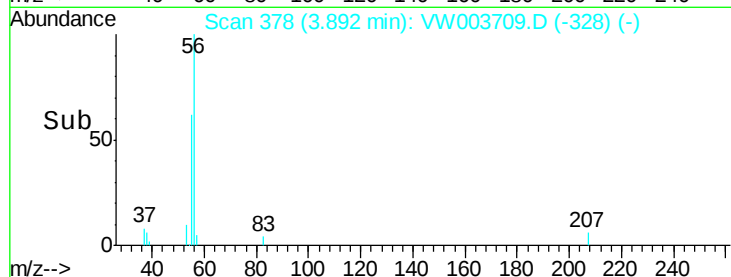
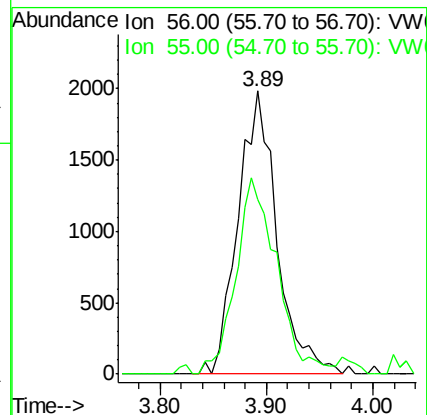
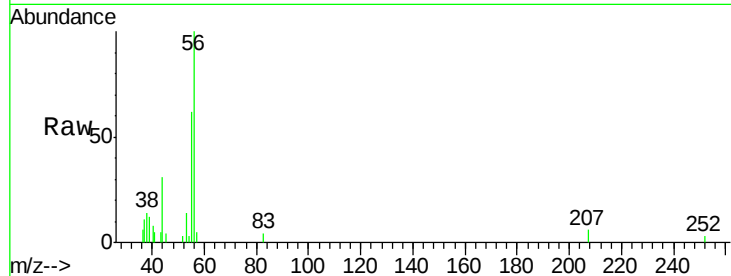
55 73.6 54.7 82.1

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#14

Allyl chloride

Concen: 50.708 ug/l

RT: 4.66 min Scan# 504

Delta R.T. 0.01 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

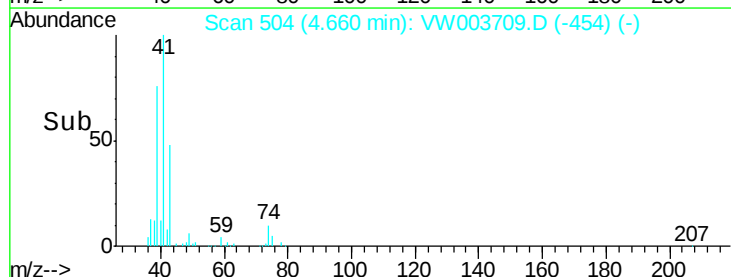
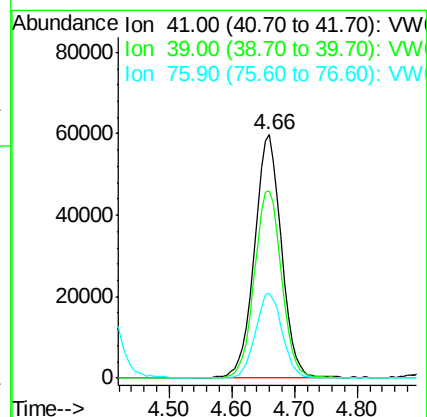
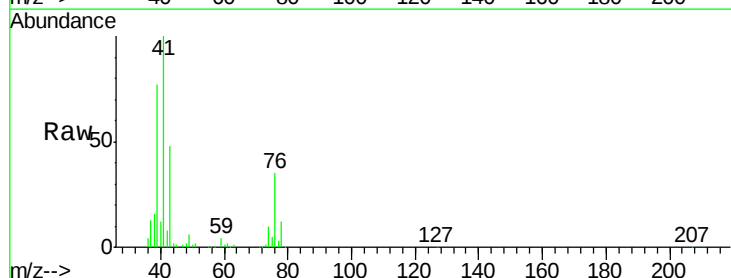
Tgt Ion: 41 Resp: 177930

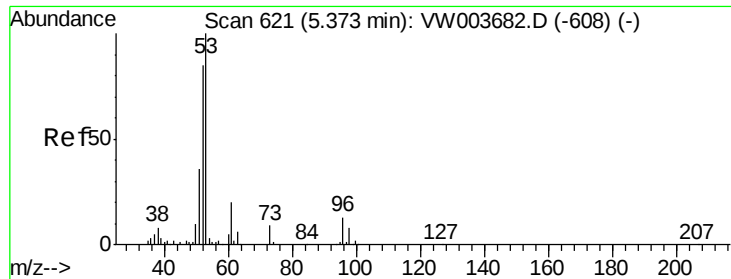
Ion Ratio Lower Upper

41 100

39 77.6 60.1 90.1

76 34.6 27.2 40.8





#15

Acrylonitrile

Concen: 206.963 ug/l

RT: 5.37 min Scan# 621

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

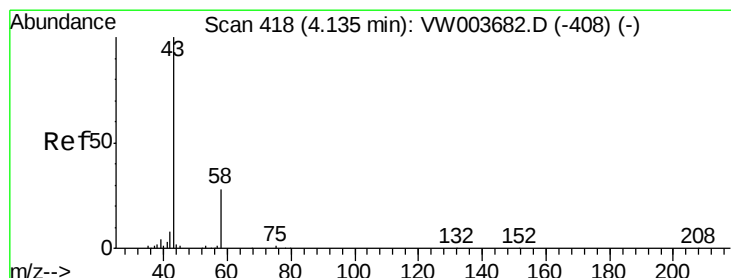
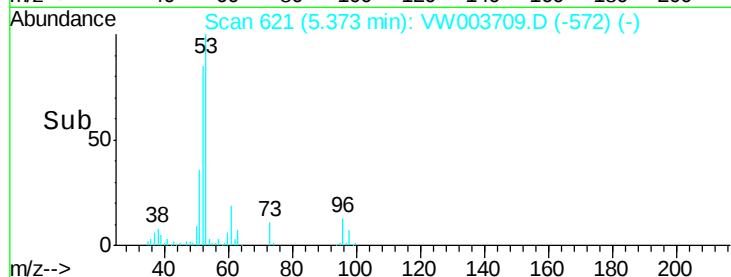
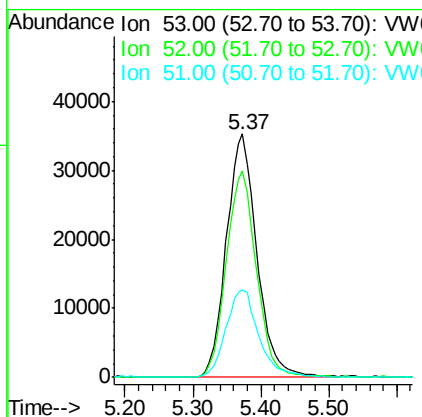
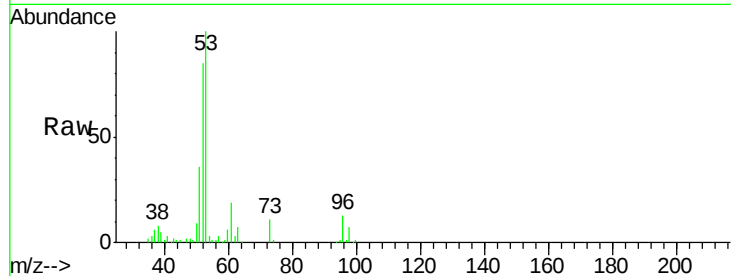
ClientSampleId :

GF-G-9MSD

Tot Ion:	53	Resp:	110015
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.8	100.2
51	38.7	30.2	45.4

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#16

Acetone

Concen: 193.611 ug/l

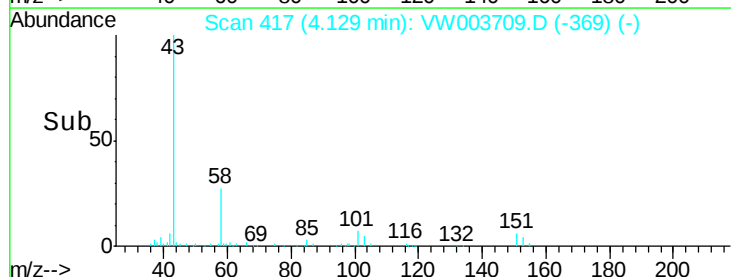
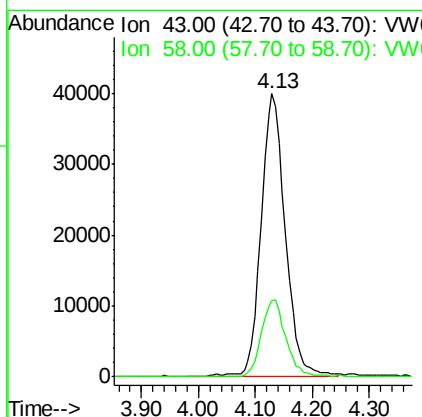
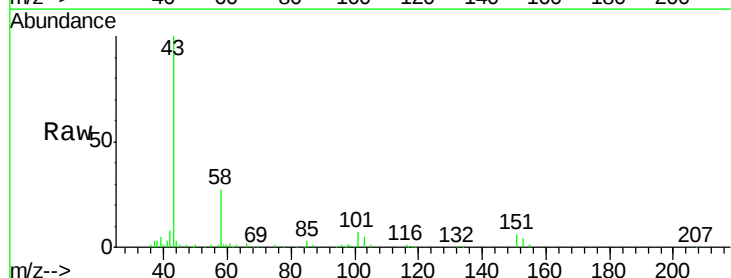
RT: 4.13 min Scan# 417

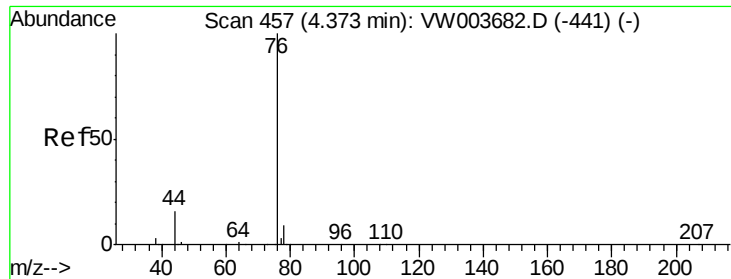
Delta R.T. -0.01 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Tgt Ion:	43	Resp:	118092
Ion Ratio		Lower	Upper
43	100		
58	26.8	22.7	34.1





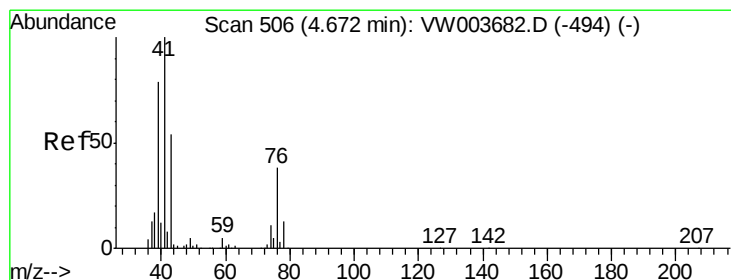
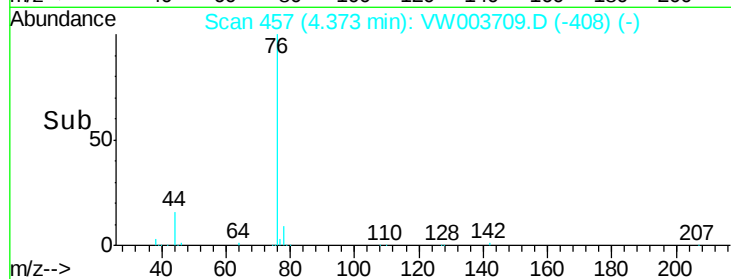
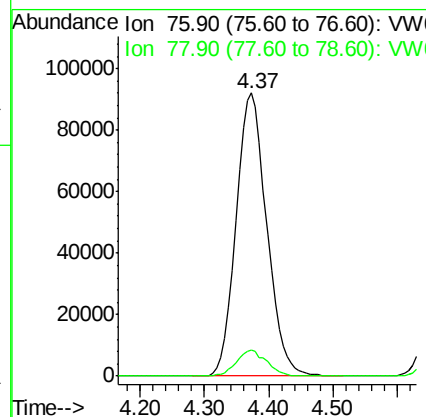
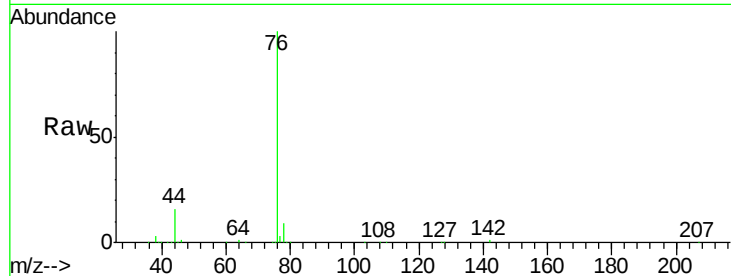
#17
Carbon Disulfide
Concen: 49.441 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

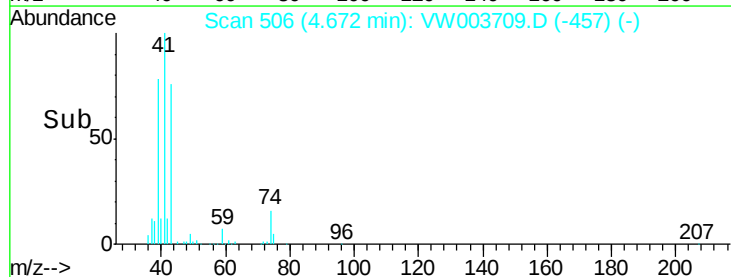
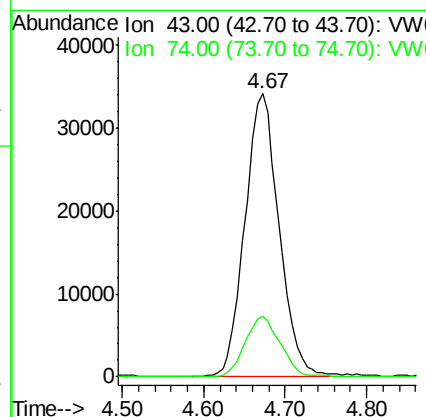
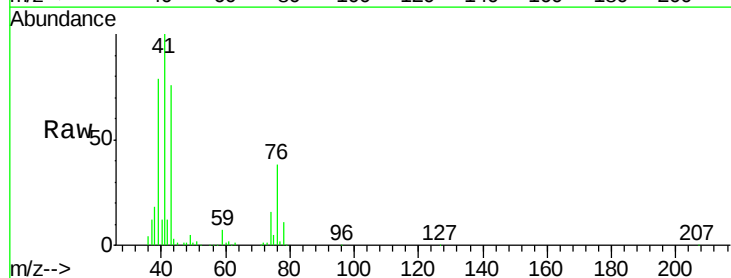
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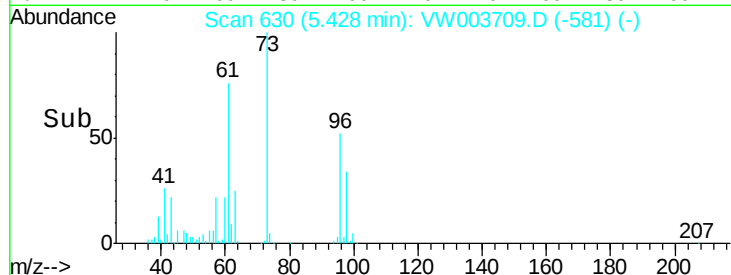
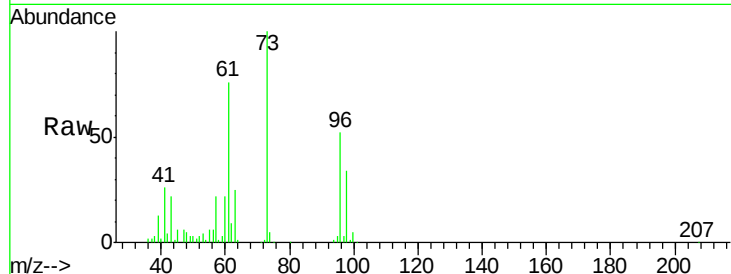
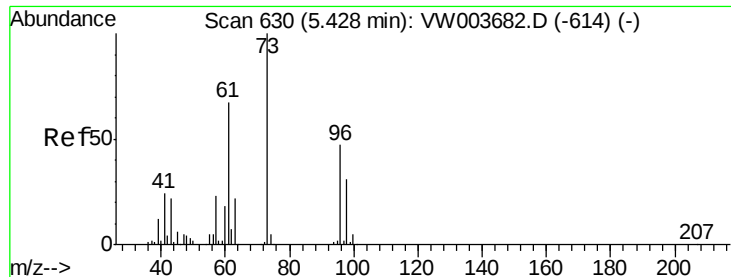
apatel
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#18
Methyl Acetate
Concen: 74.921 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	18.2	27.2





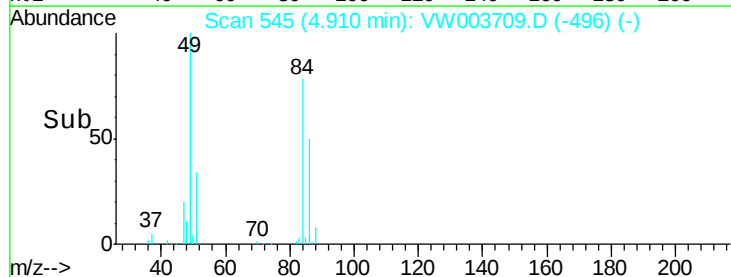
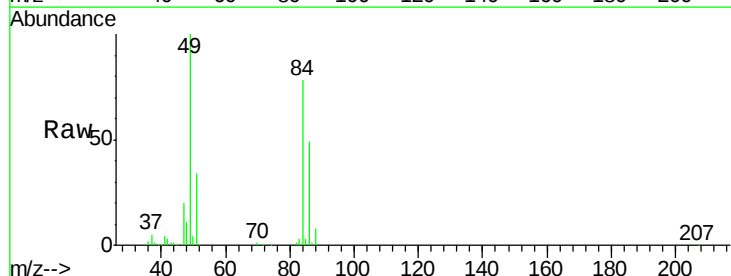
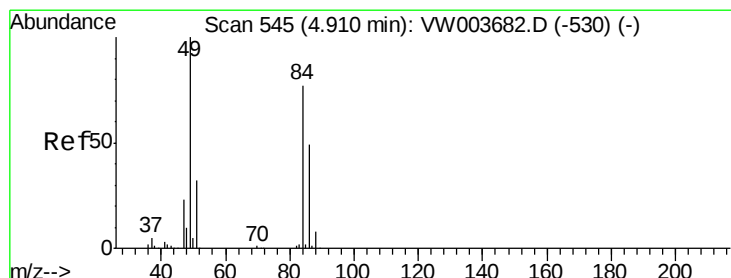
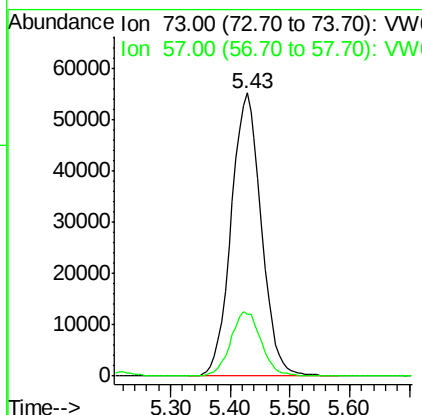
#19
Methvl tert-butvl Ether
Concen: 48.439 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.1	27.1

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MSD

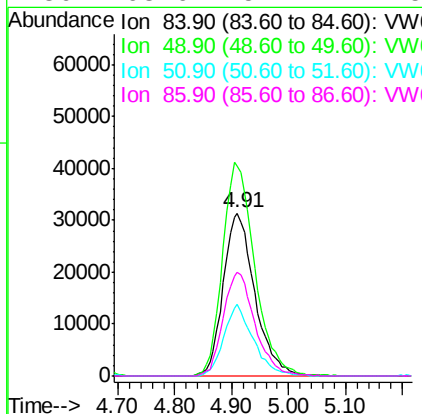
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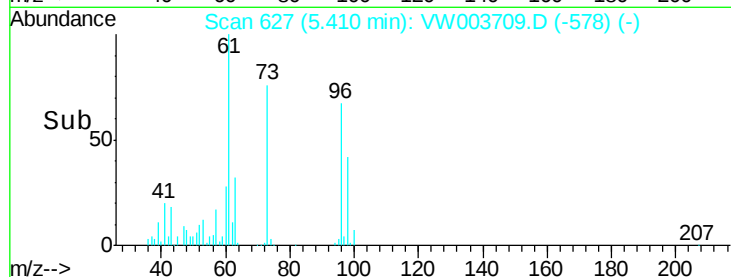
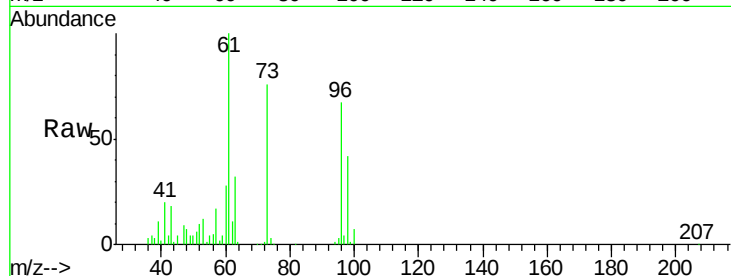
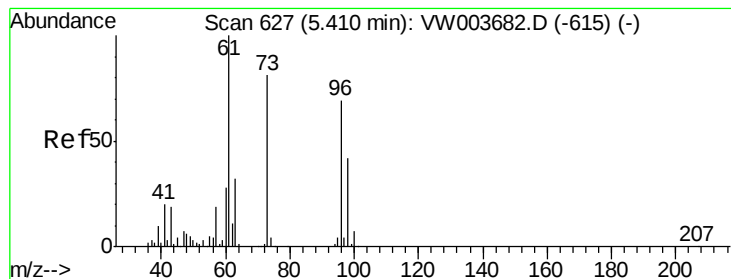
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#20
Methylene Chloride
Concen: 52.062 ug/l
RT: 4.91 min Scan# 545
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.0	104.6	156.8
51	44.0	33.2	49.8
86	63.6	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 49.755 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003709.D

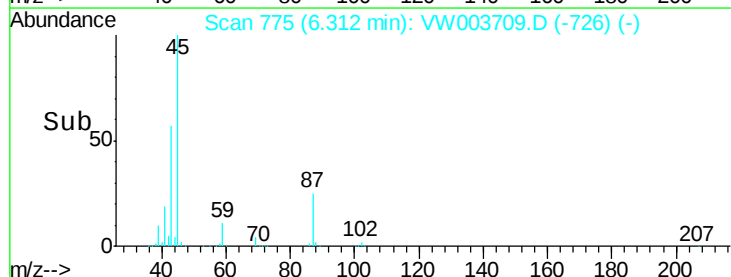
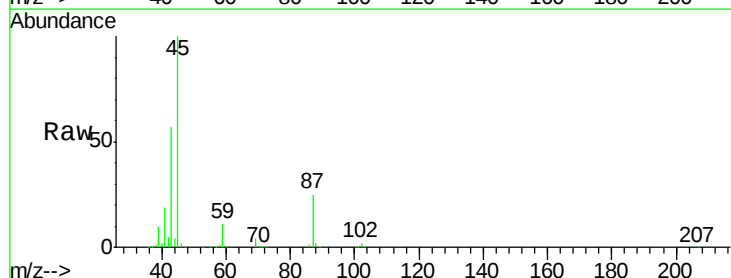
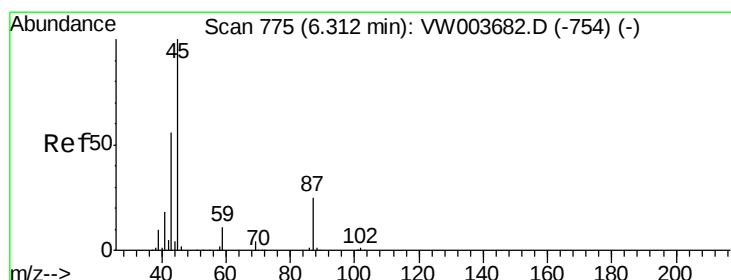
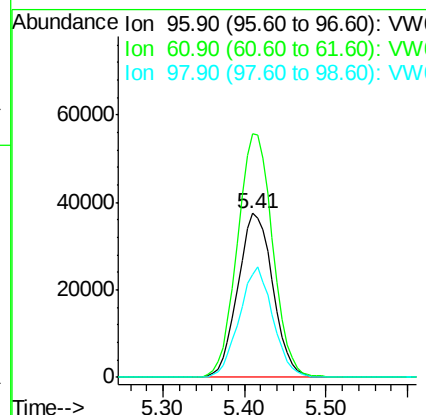
Acq: 03 Jul 2018 19:44

Tot Ion:	96	Resp:	111800
Ion	Ratio	Lower	Upper
96	100		
61	148.6	116.8	175.2
98	62.5	49.6	74.4

Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MSD

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#22

Diisopropyl ether

Concen: 51.797 ug/l

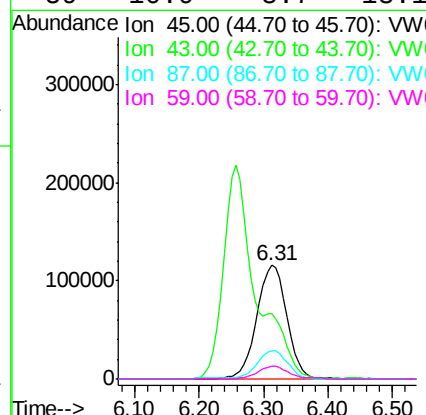
RT: 6.31 min Scan# 775

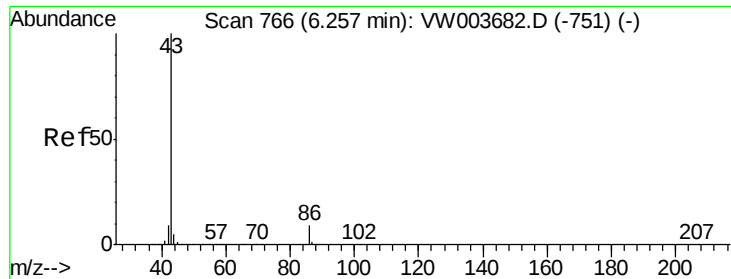
Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Tgt Ion:	45	Resp:	372637
Ion	Ratio	Lower	Upper
45	100		
43	56.9	44.5	66.7
87	25.0	20.2	30.4
59	10.9	8.7	13.1





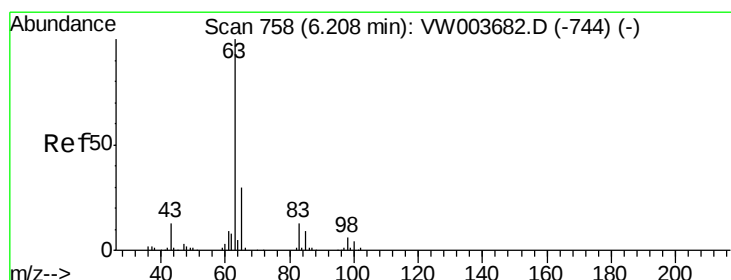
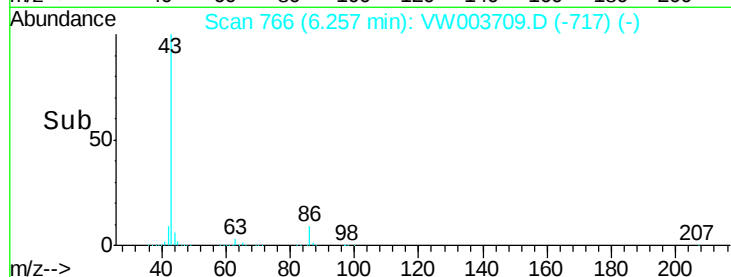
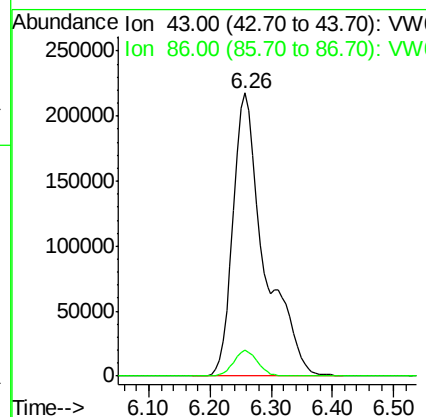
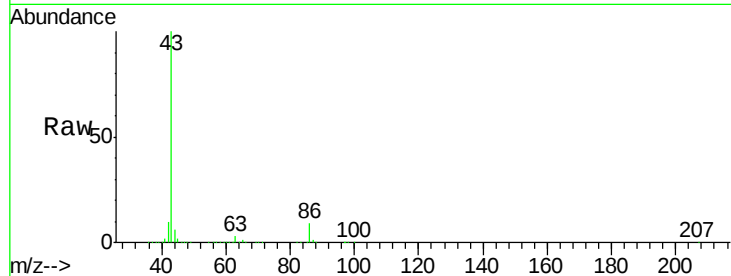
#23
 Vinyl Acetate
 Concen: 163.867 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Instrument :
 MSVOA_W
 ClientSampled :
 GF-G-9MSD

Tot Ion	43	Resp	774641
Ion Ratio	100	Lower	Upper
43	100		
86	9.0	7.5	11.3

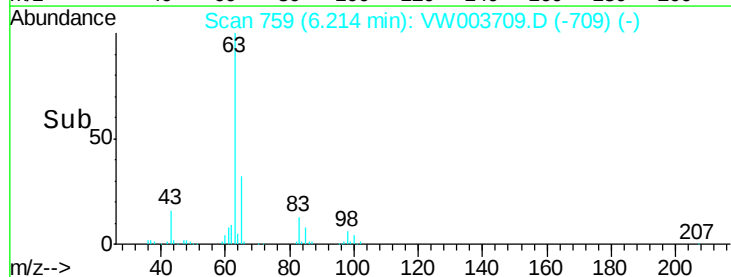
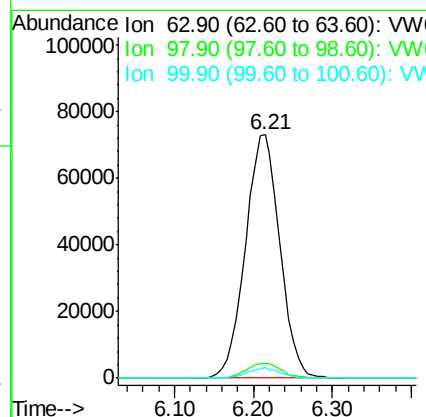
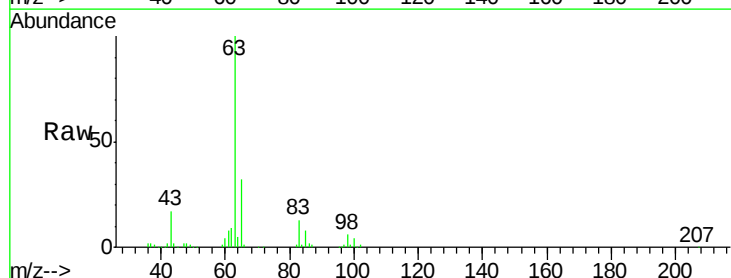
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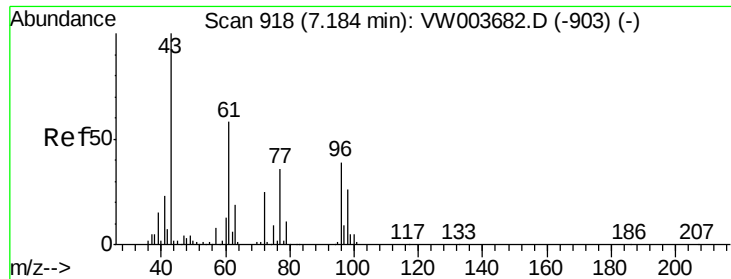
apatel
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#24
 1,1-Dichloroethane
 Concen: 51.547 ug/l
 RT: 6.21 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Tgt Ion	63	Resp	221146
Ion Ratio	100	Lower	Upper
63	100		
98	5.9	2.9	8.6
100	4.1	1.9	5.7





#25

2-Butanone

Concen: 204.067 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

ClientSampled :

GF-G-9MSD

Tot Ion: 43 Resp: 159378

Ion Ratio Lower Upper

43 100

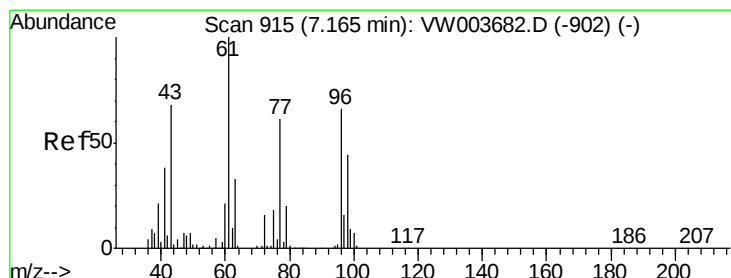
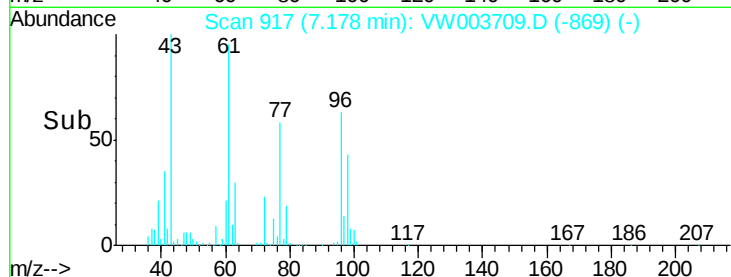
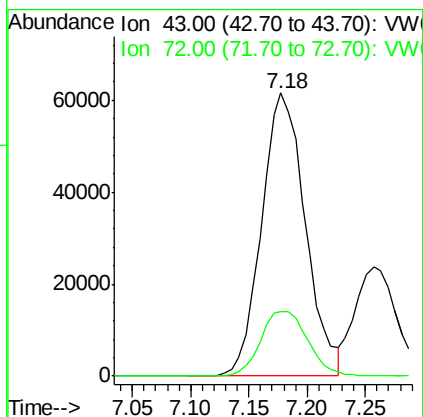
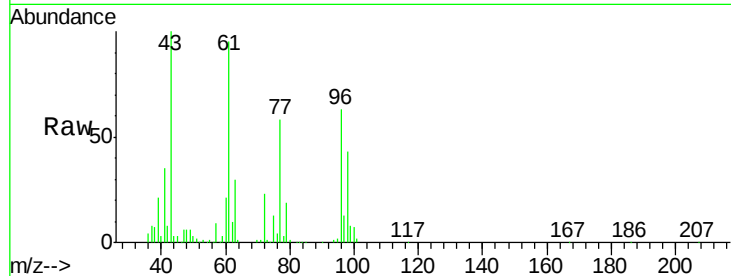
72 23.0 20.2 30.4

Manual Integrations

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7/5/2018 11:12:09 AM



#26

2,2-Dichloropropane

Concen: 47.433 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003709.D

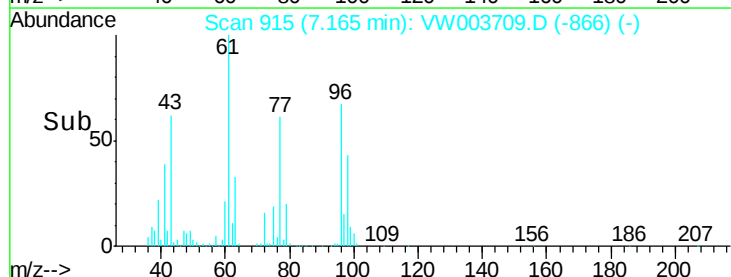
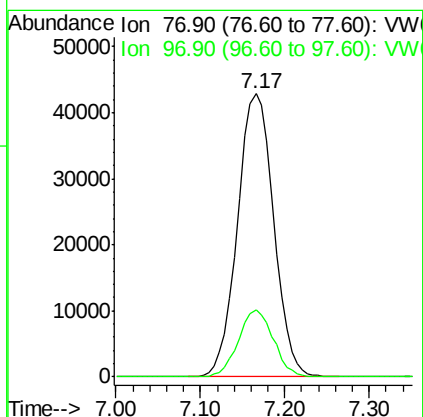
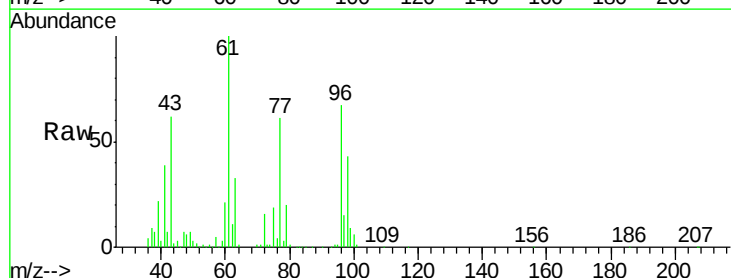
Acq: 03 Jul 2018 19:44

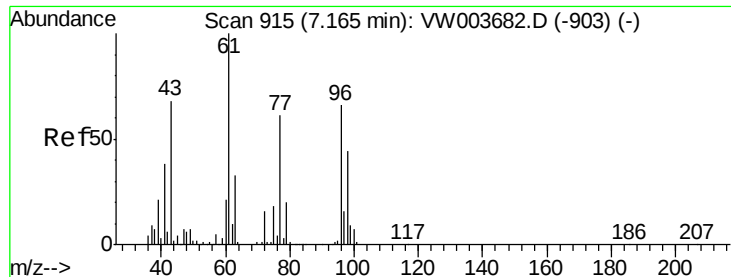
Tgt Ion: 77 Resp: 124773

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.1





#27

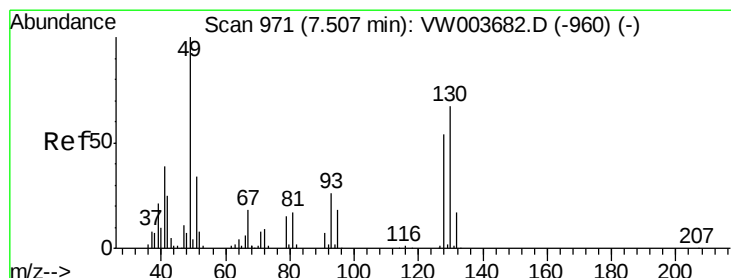
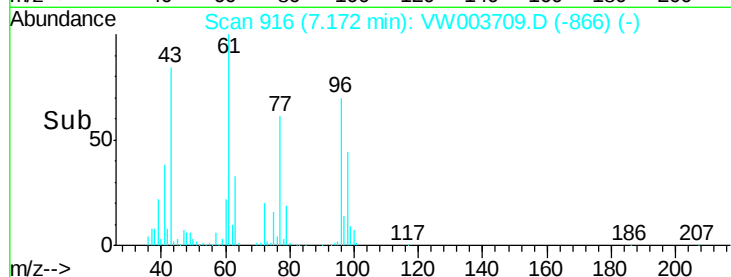
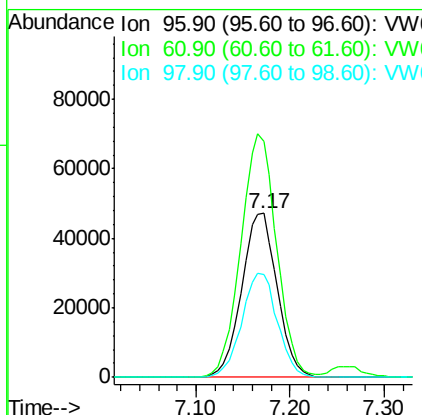
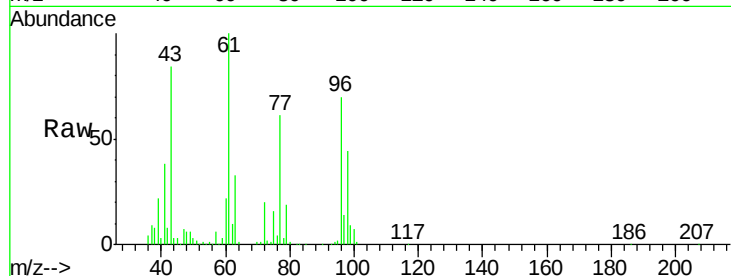
cis-1,2-Dichloroethene
Concen: 50.839 ug/l
RT: 7.17 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.4	0.0	305.0	
98	63.8	0.0	129.6	

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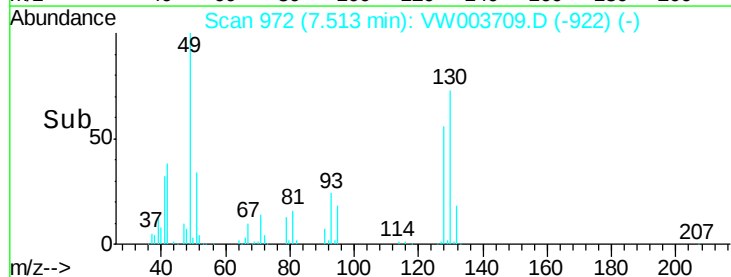
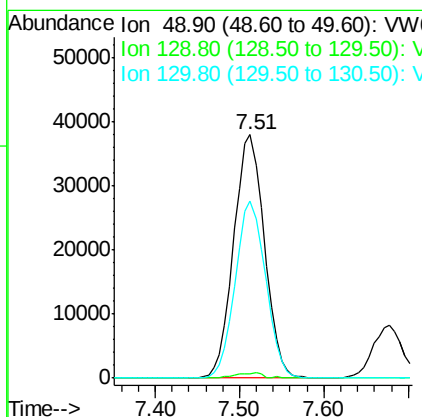
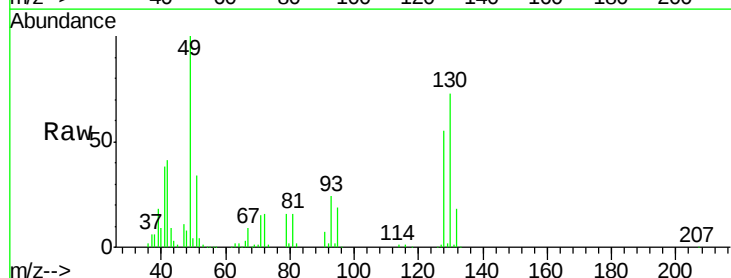
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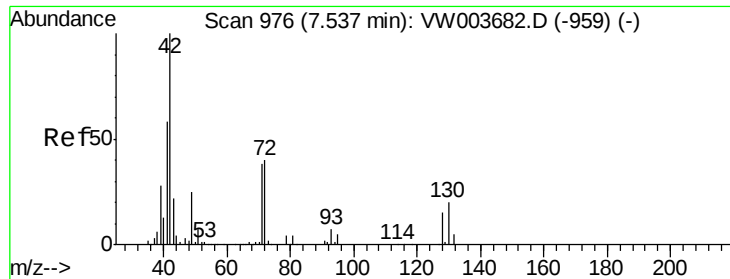


#28

Bromochloromethane
Concen: 49.768 ug/l
RT: 7.51 min Scan# 972
Delta R.T. 0.01 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.0	
130	71.6	57.0	85.6	





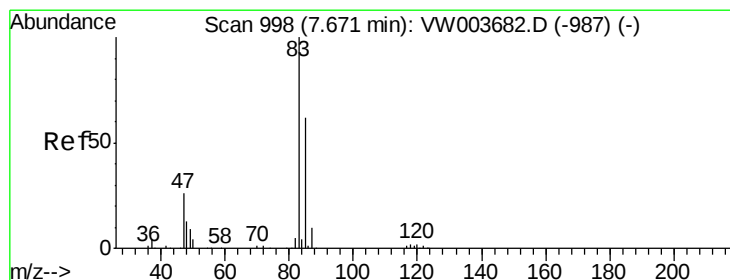
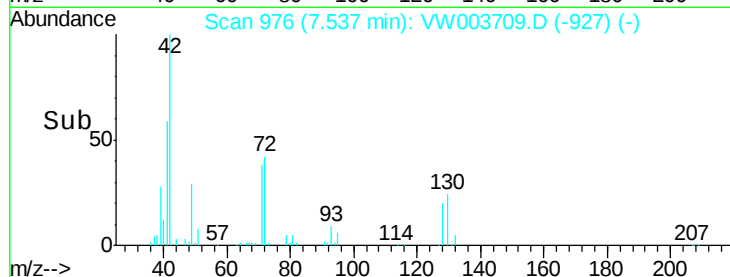
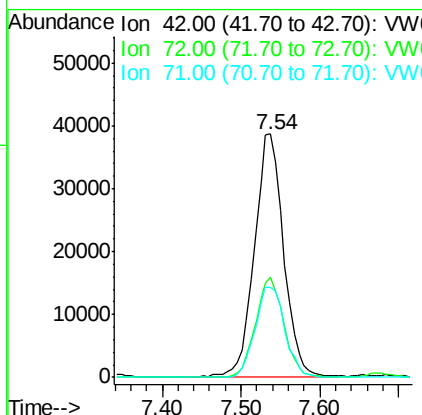
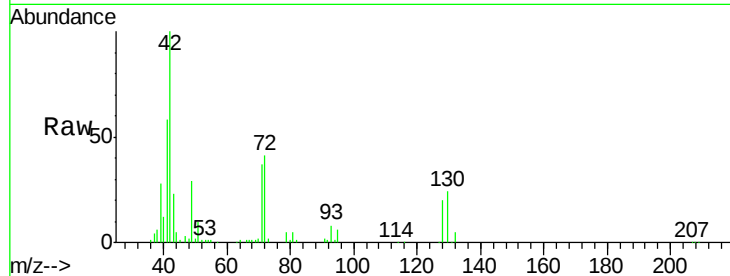
#29
Tetrahydrofuran
Concen: 213.156 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.0	48.0
71	38.0	30.2	45.2

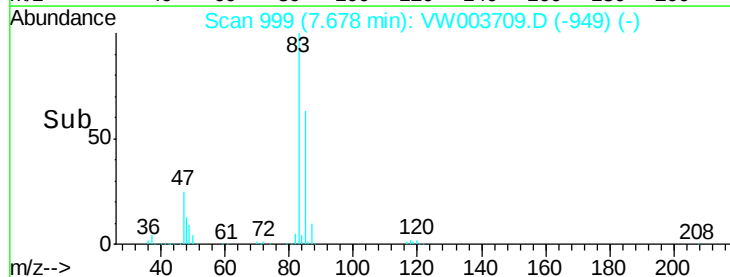
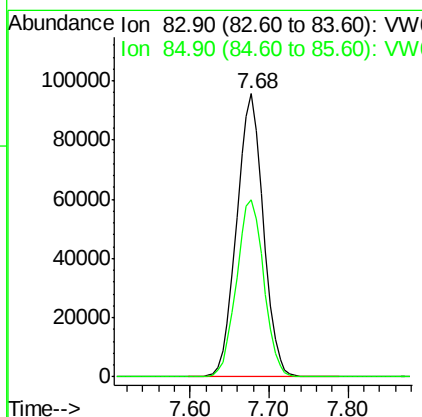
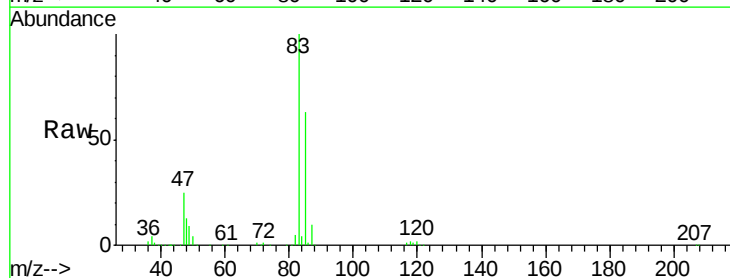
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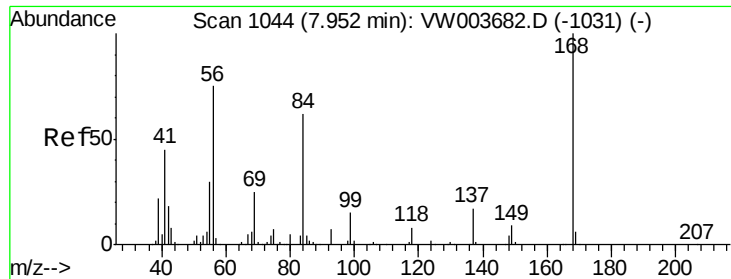
apatel
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#30
Chloroform
Concen: 51.798 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	49.7	74.5





#31

Cyclohexane

Concen: 49.505 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

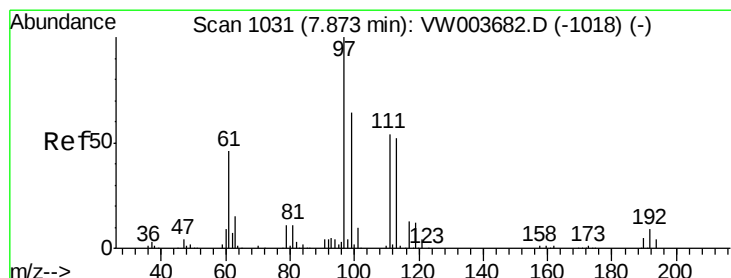
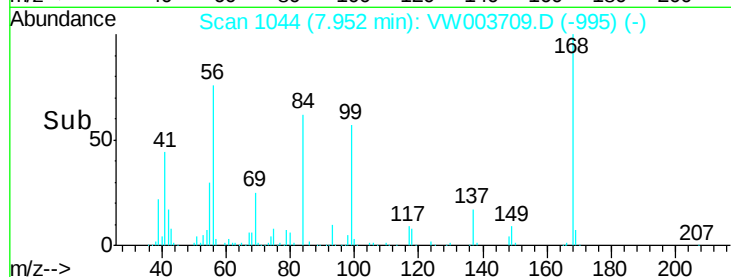
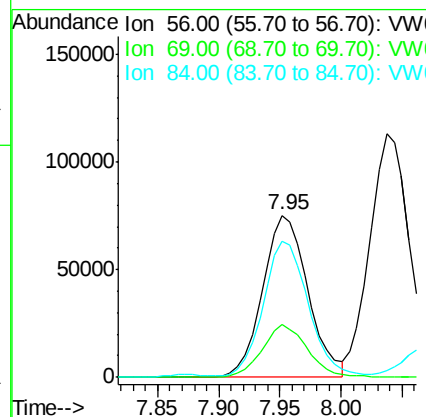
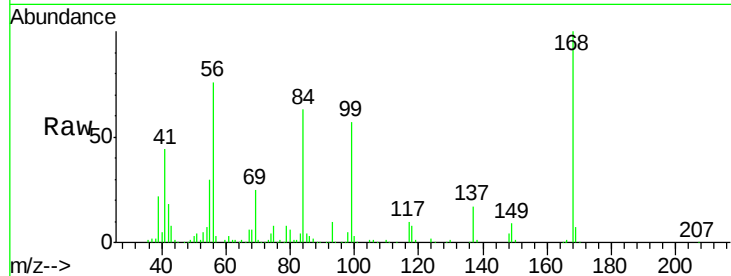
ClientSampled :

GF-G-9MSD

Tot Ion:	56	Resp:	193381
Ion Ratio	Lower	Upper	
56	100		
69	32.7	27.0	40.4
84	82.5	65.4	98.0

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#32

1,1,1-Trichloroethane

Concen: 52.646 ug/l

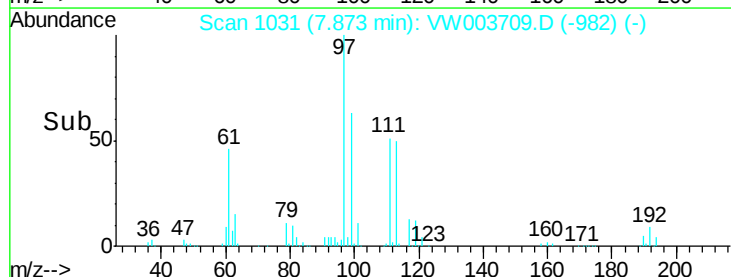
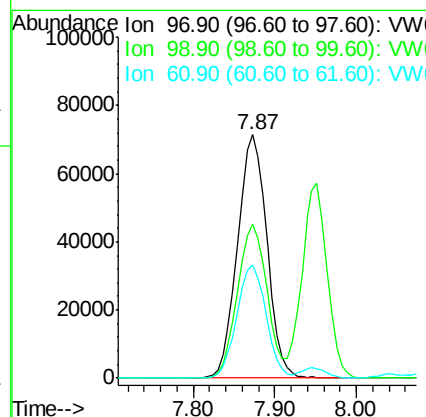
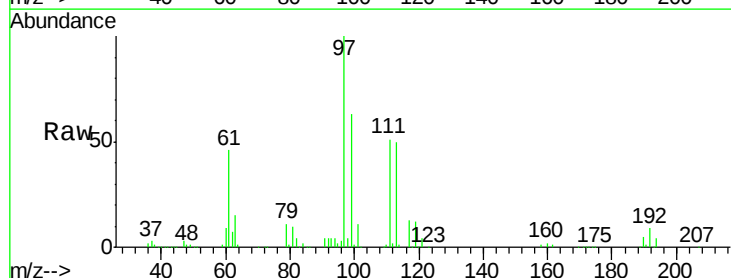
RT: 7.87 min Scan# 1031

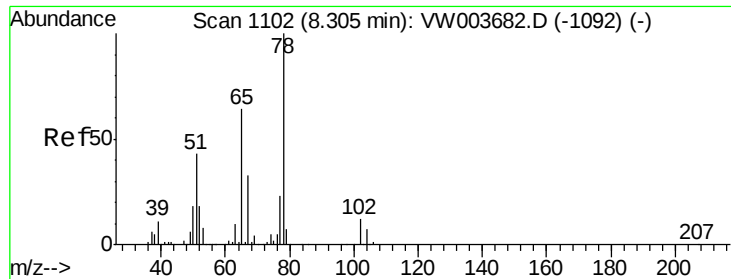
Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Tgt Ion:	97	Resp:	177787
Ion Ratio	Lower	Upper	
97	100		
99	63.4	50.6	76.0
61	46.3	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 50.734 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

ClientSampled :

GF-G-9MSD

Tot Ion: 65 Resp: 129635

Ion Ratio Lower Upper

65 100

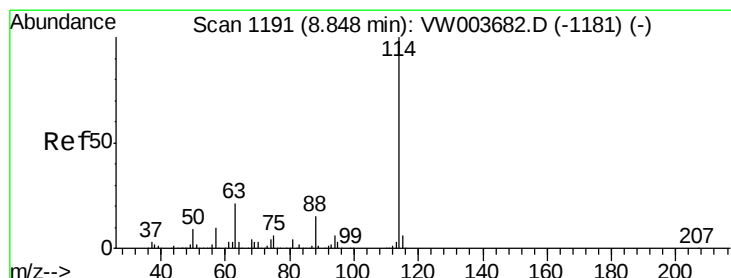
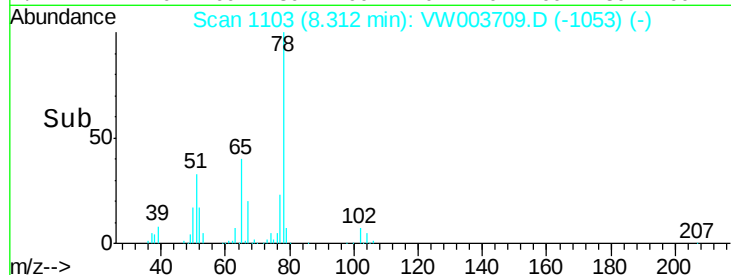
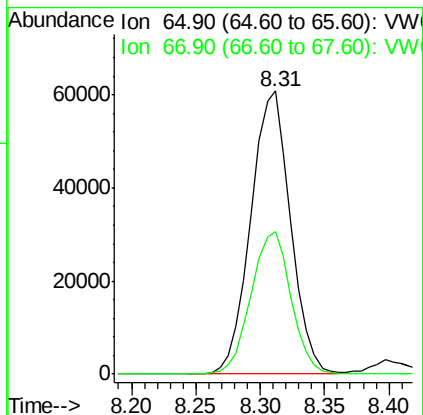
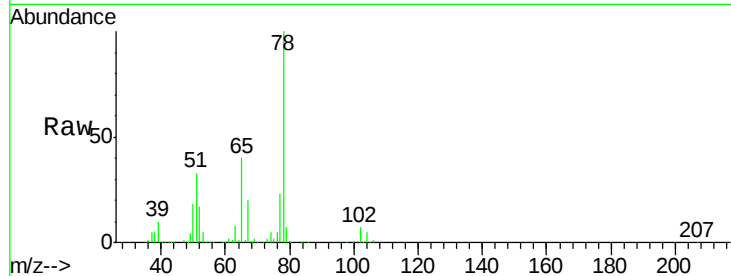
67 50.9 0.0 104.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

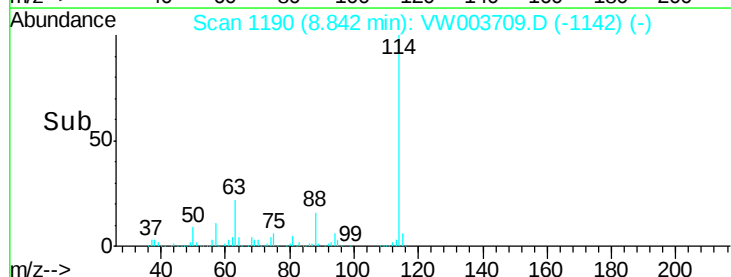
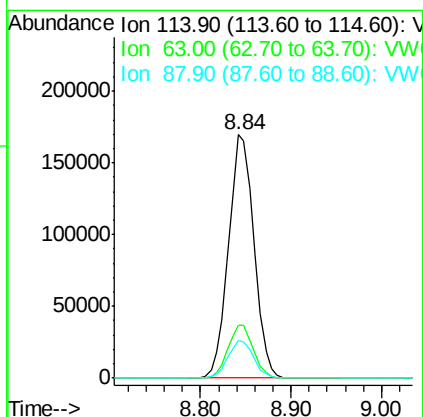
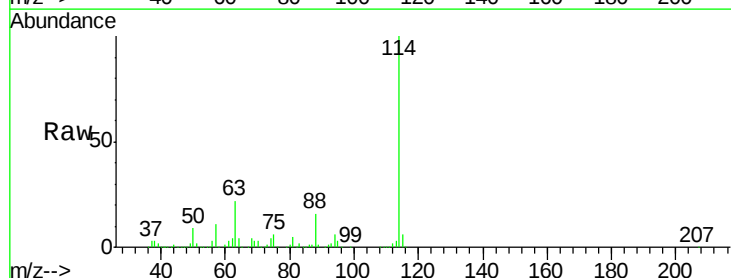
Tgt Ion: 114 Resp: 330024

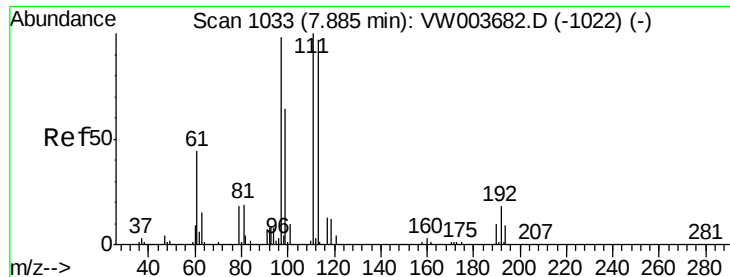
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.6

88 15.6 0.0 29.8





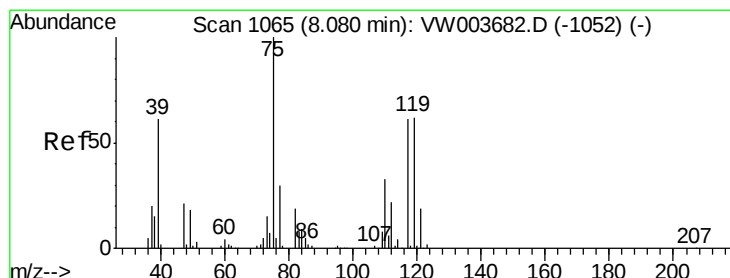
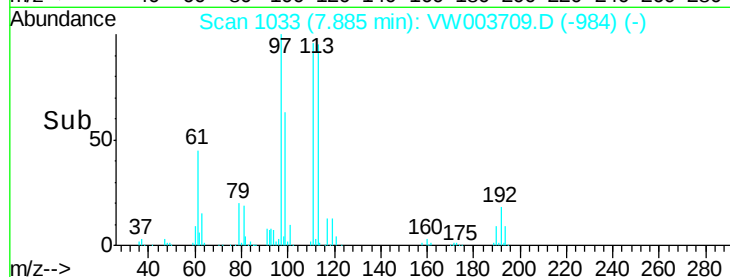
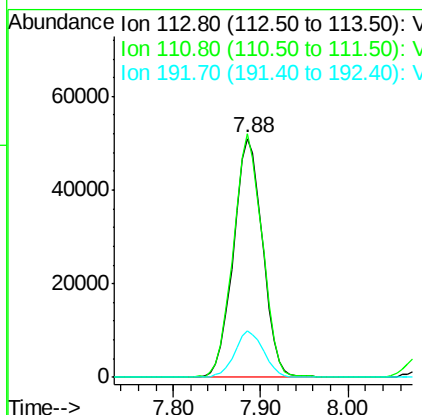
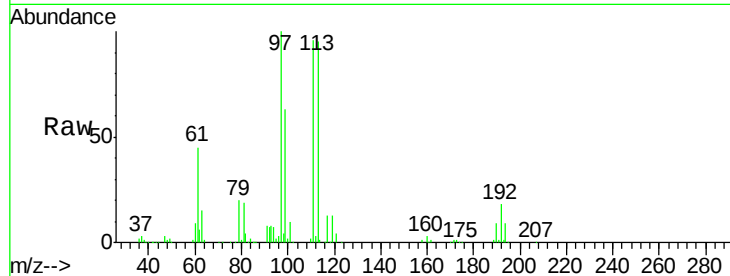
#35
 Dibromofluoromethane
 Concen: 54.982 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	118346		
111	101.3	82.4	123.6	
192	19.3	15.8	23.6	

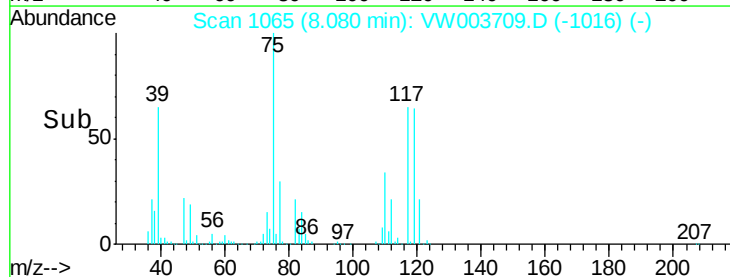
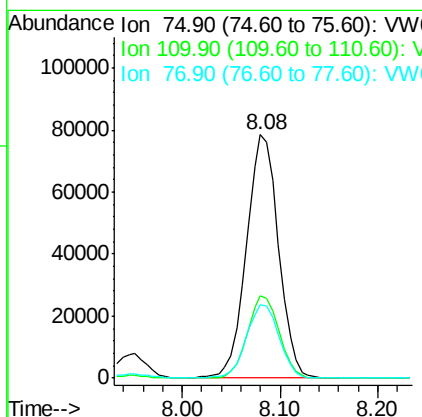
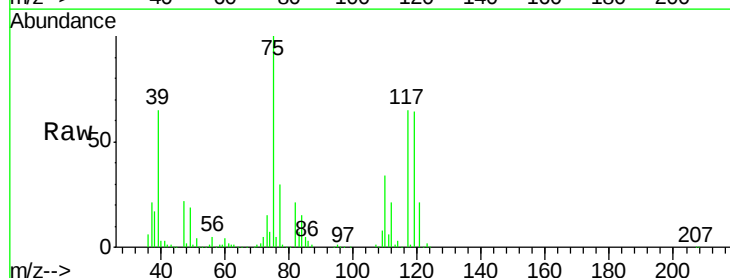
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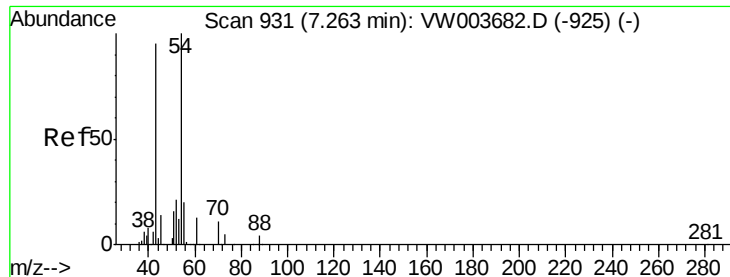
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#36
 1,1-Dichloropropene
 Concen: 53.627 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	177661		
110	33.6	16.9	50.6	
77	31.2	24.9	37.3	





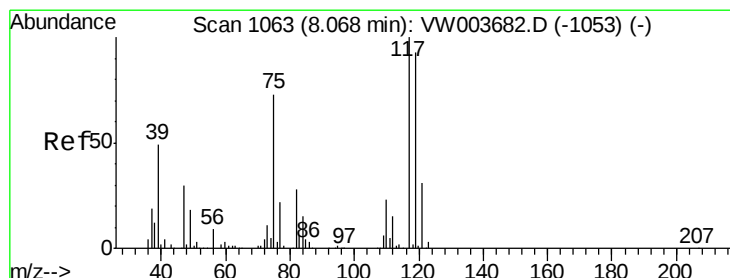
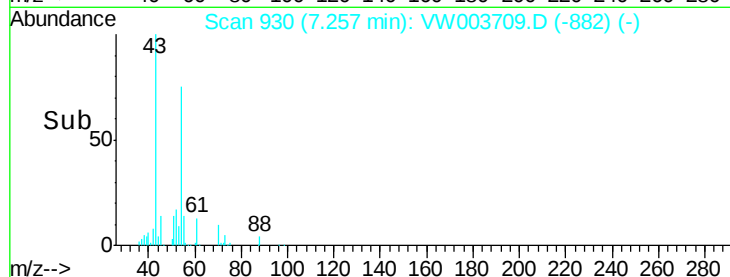
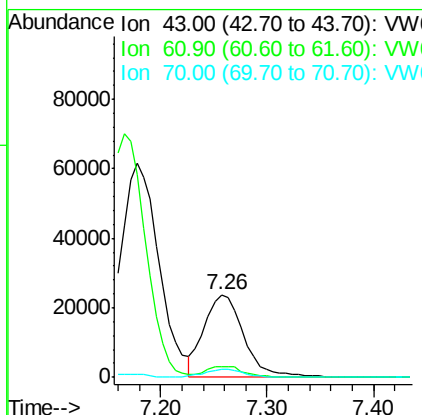
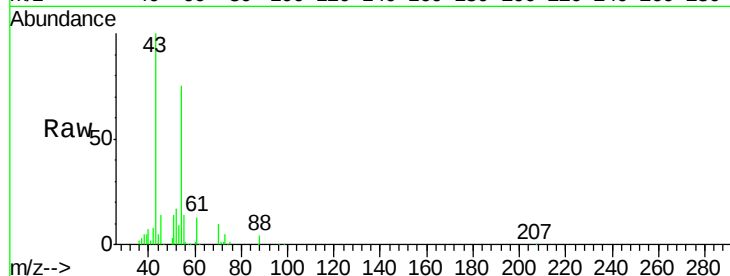
#37
Ethyl Acetate
Concen: 37.164 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.5	15.7
70	9.6	7.7	11.5

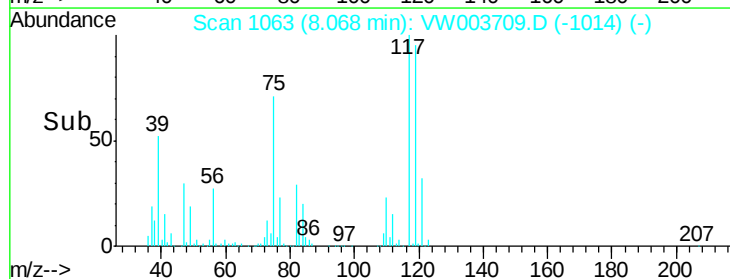
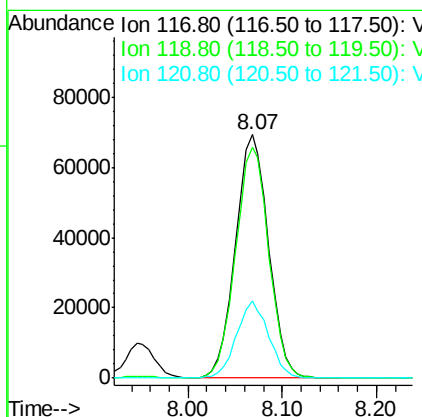
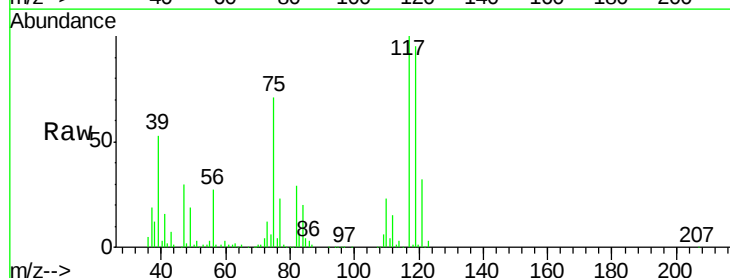
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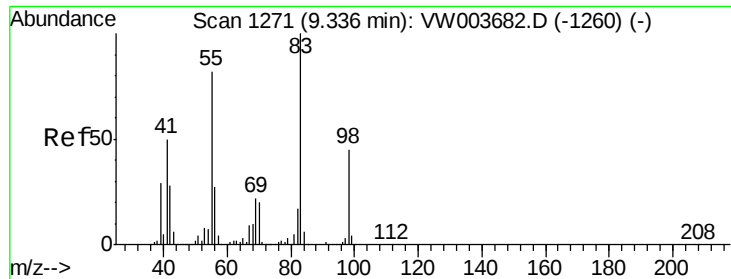
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#38
Carbon Tetrachloride
Concen: 53.543 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.1	111.1
121	31.7	25.0	37.4





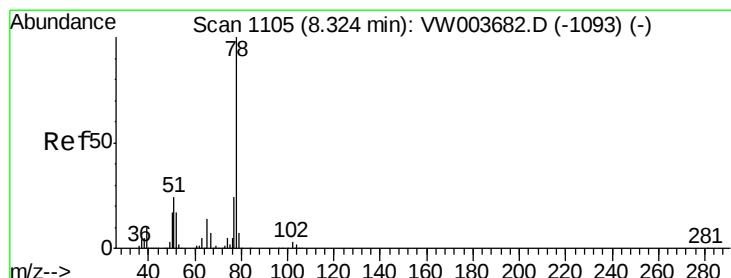
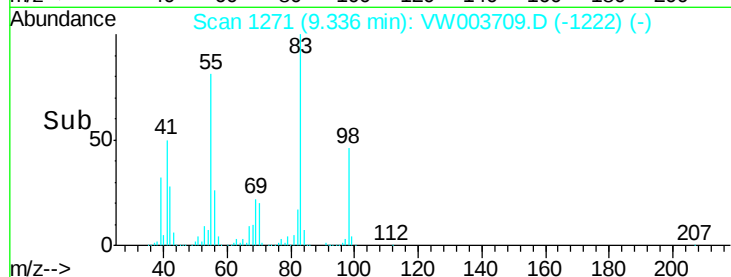
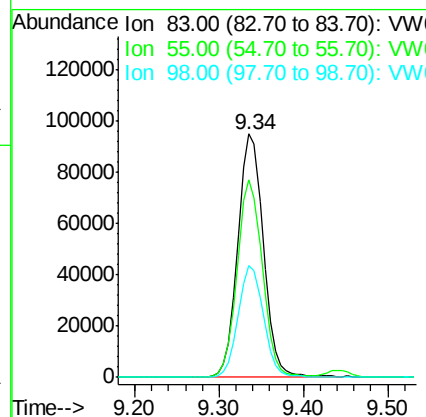
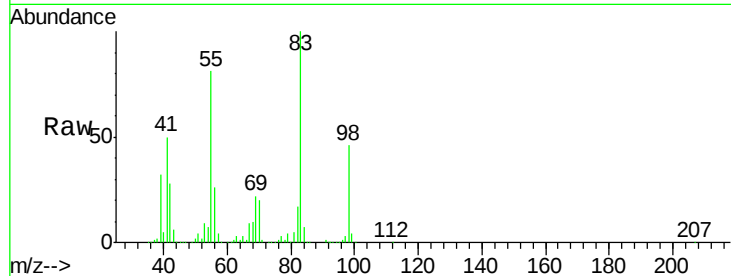
#39
Methvlcvclohexane
Concen: 51.229 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MSD

Tot Ion	83	Resp	195442
Ion Ratio	Lower	Upper	
83	100		
55	80.9	65.3	97.9
98	46.1	36.3	54.5

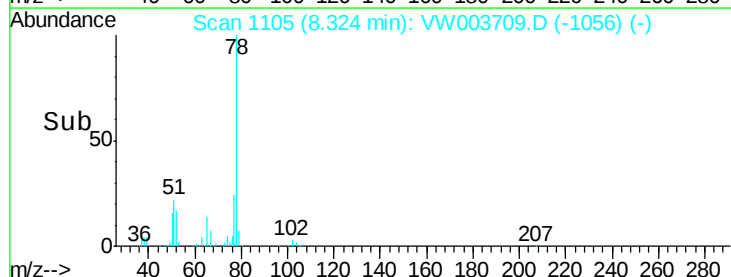
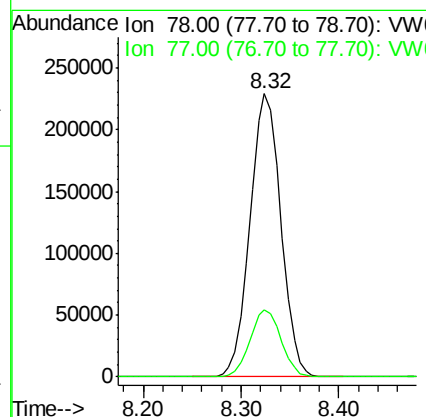
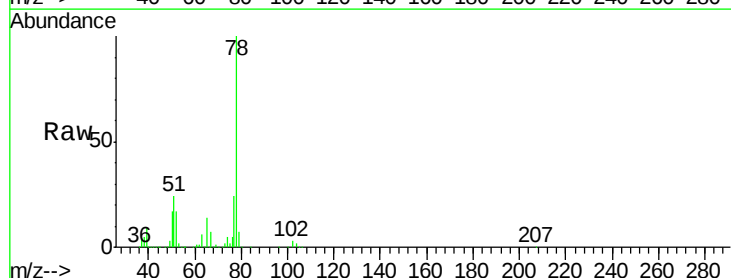
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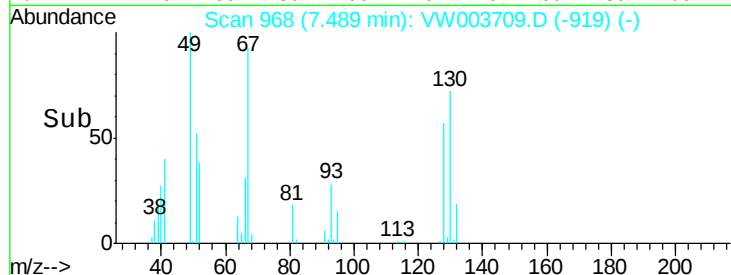
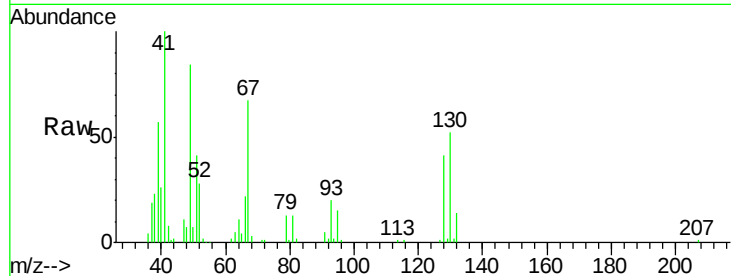
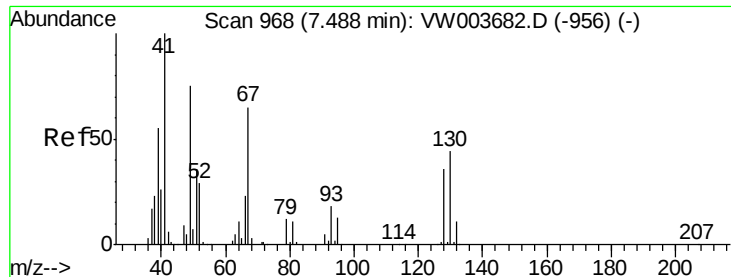
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#40
Benzene
Concen: 53.865 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	78	Resp	501559
Ion Ratio	Lower	Upper	
78	100		
77	23.8	19.4	29.0





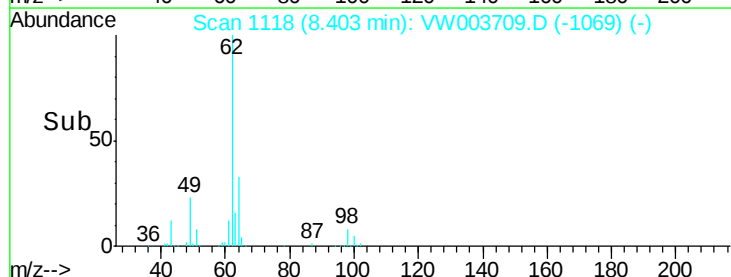
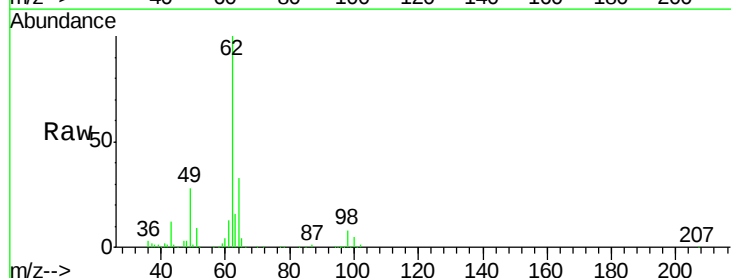
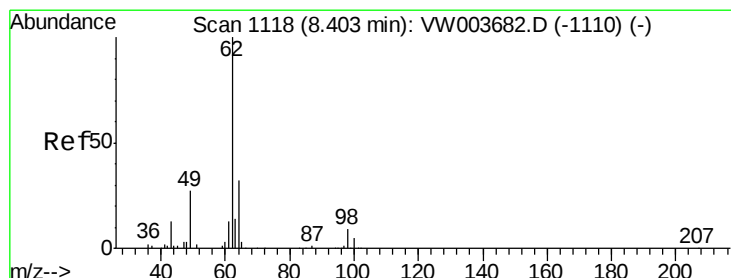
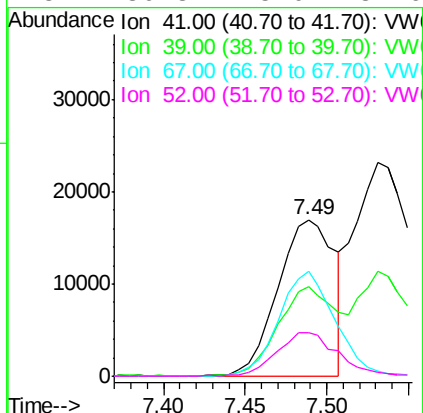
#41
Methacrylonitrile
Concen: 44.760 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tot Ion	41	Ratio	100	Resp	41026
Ion	41	100		Lower	Upper
	39	61.7		47.8	71.8
	67	66.8		53.9	80.9
	52	30.3		25.0	37.6

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MSD

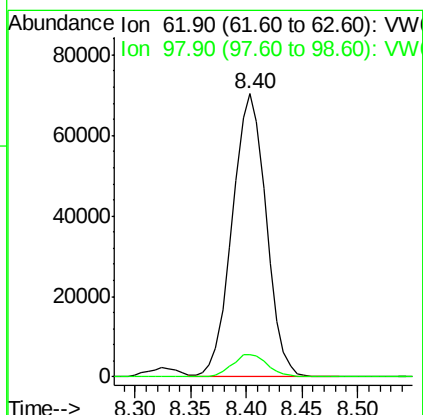
Manual Integrations
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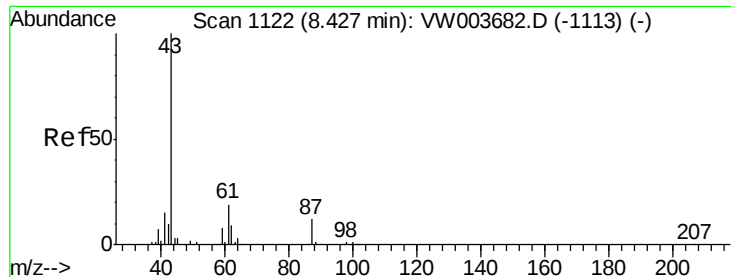
apatel
7/5/2018 11:12:09 AM



#42
1,2-Dichloroethane
Concen: 50.690 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	62	Ratio	100	Resp	148617
Ion	62	100		Lower	Upper
	98	8.2		0.0	17.2





#43

Isopropyl Acetate

Concen: 41.049 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

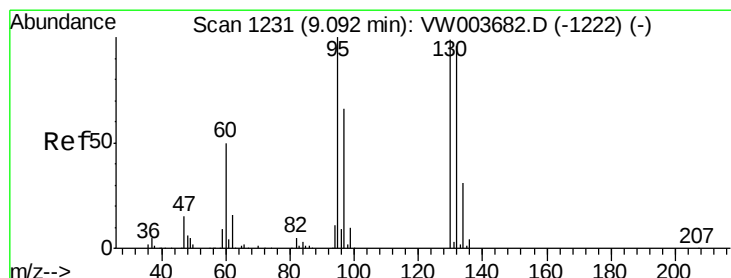
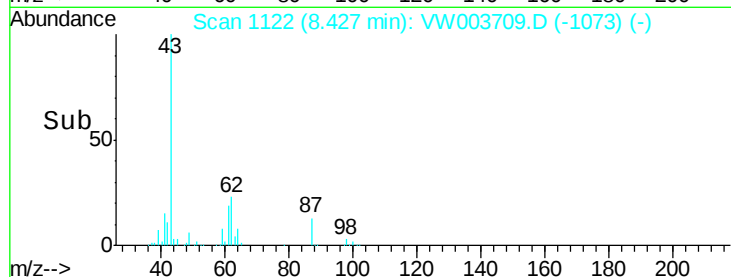
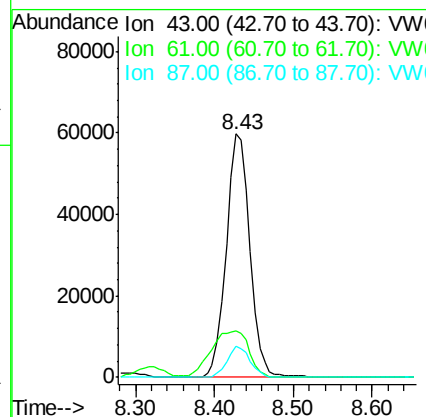
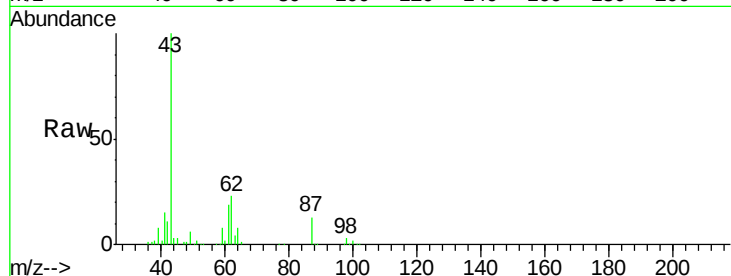
ClientSampled :

GF-G-9MSD

Tot Ion:	43	Resp:	124670
Ion	Ratio	Lower	Upper
43	100		
61	30.5	23.0	34.6
87	12.2	9.8	14.6

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#44

Trichloroethene

Concen: 52.642 ug/l

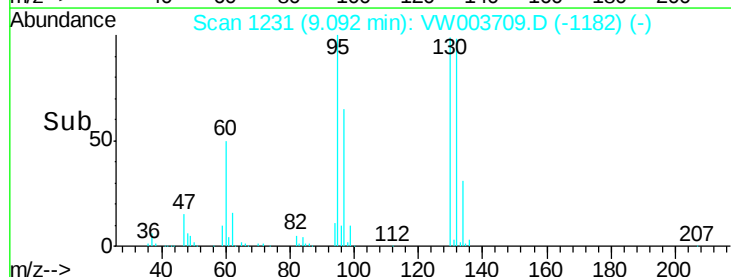
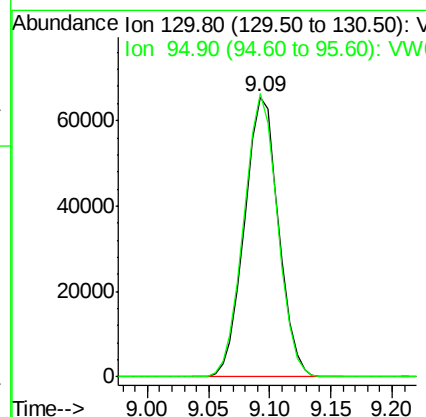
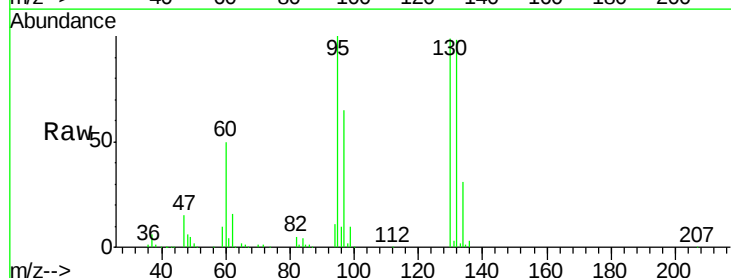
RT: 9.09 min Scan# 1231

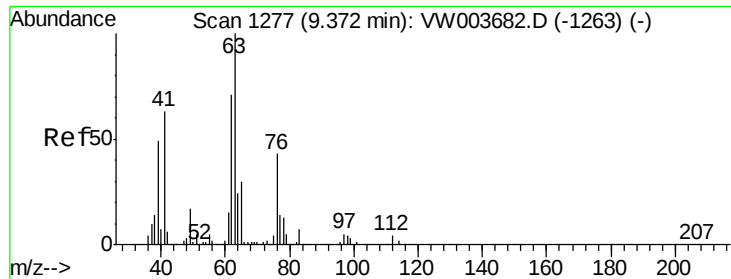
Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Tgt Ion:	130	Resp:	126716
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	202.6





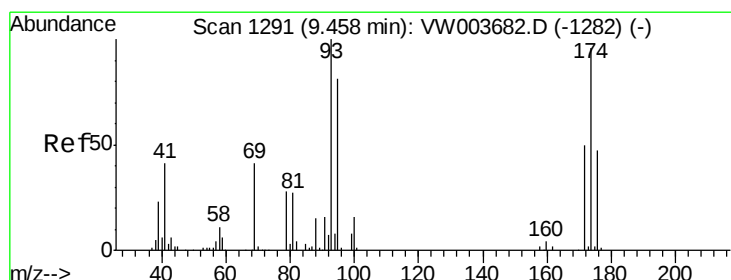
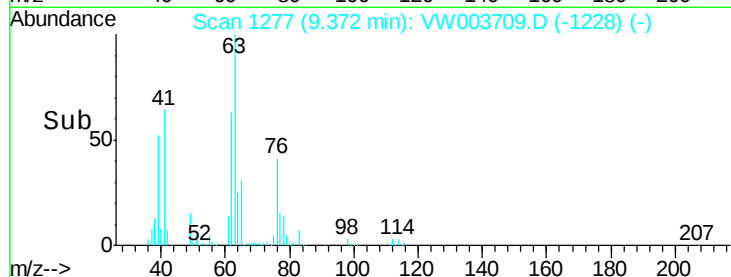
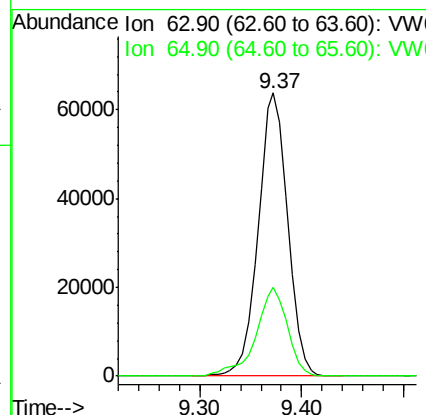
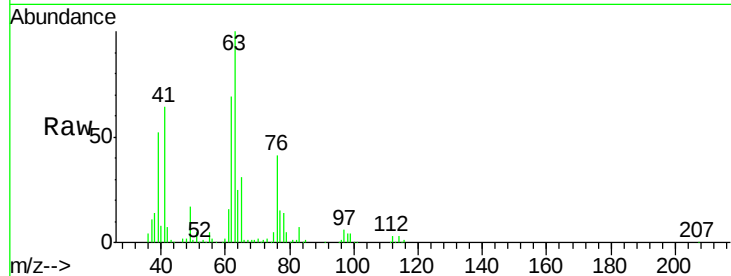
#45
 1,2-Dichloropropane
 Concen: 53.047 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MSD

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.3	36.5

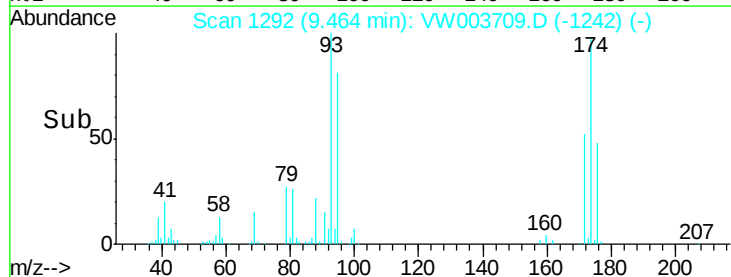
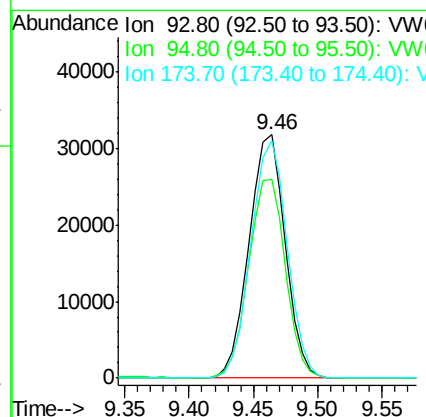
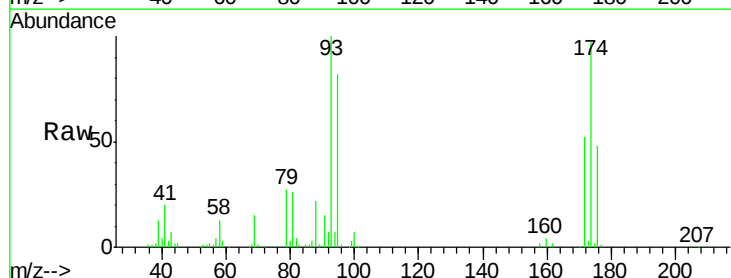
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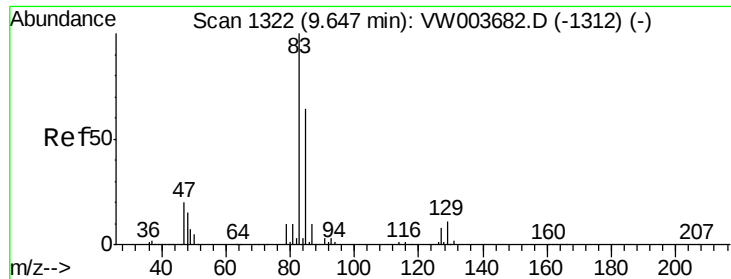
apatel
 7/5/2018 11:12:09 AM



#46
 Dibromomethane
 Concen: 49.325 ug/l
 RT: 9.46 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	66.2	99.4
174	97.9	79.6	119.4





#47

Bromodichloromethane

Concen: 53.179 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

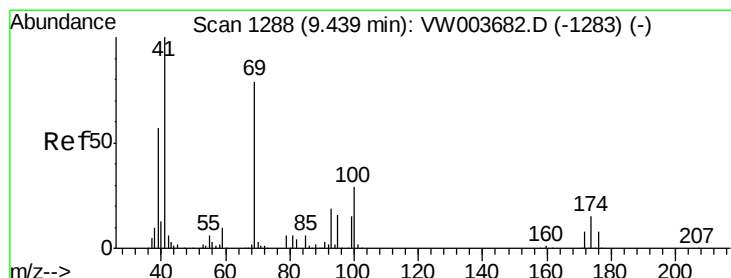
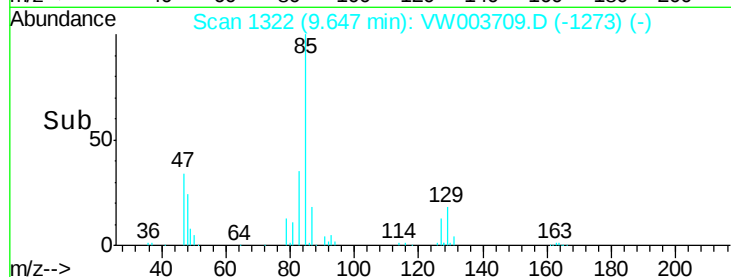
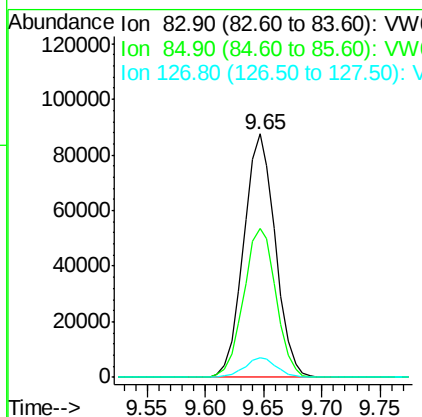
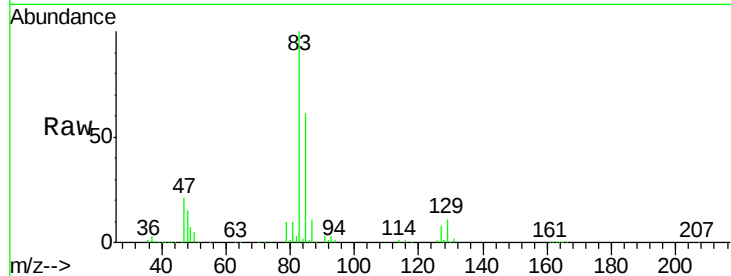
ClientSampled :

GF-G-9MSD

Tot Ion:	83	Resp:	164905
Ion Ratio	Lower	Upper	
83	100		
85	61.3	51.1	76.7
127	8.0	6.5	9.7

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#48

Methyl methacrylate

Concen: 44.497 ug/l

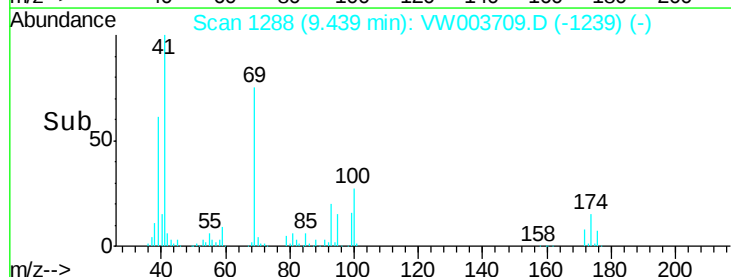
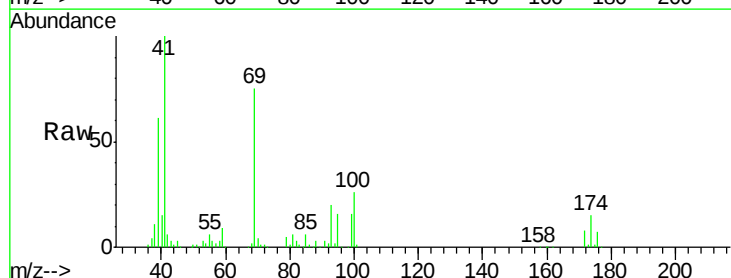
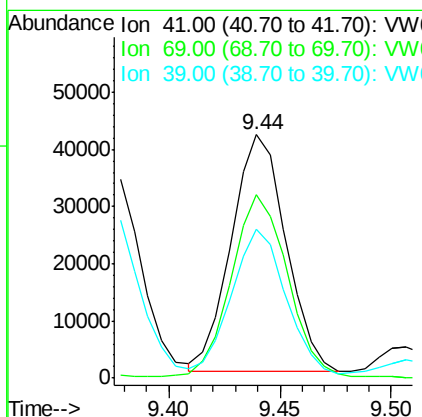
RT: 9.44 min Scan# 1288

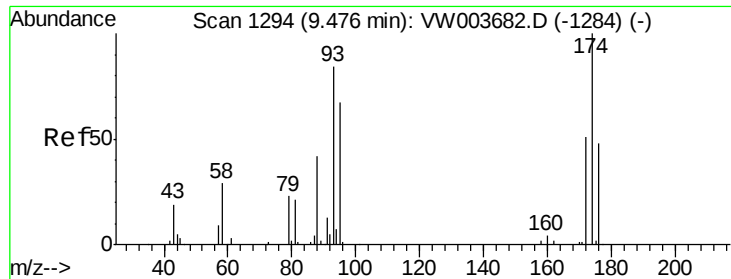
Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Tgt Ion:	41	Resp:	70777
Ion Ratio	Lower	Upper	
41	100		
69	79.7	65.4	98.2
39	63.8	50.0	75.0





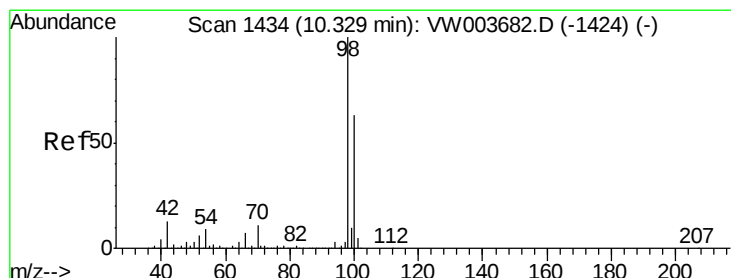
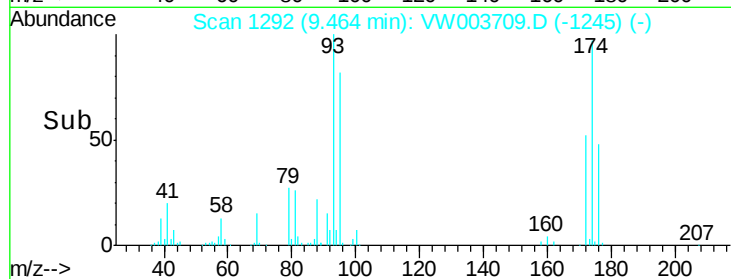
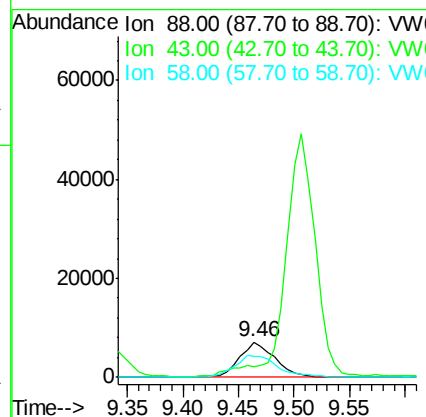
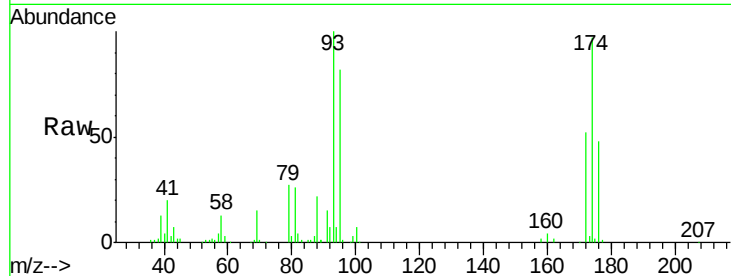
#49
1,4-Dioxane
Concen: 801.076 ug/l
RT: 9.46 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MSD

Tot Ion	88	Resp	15764
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	75.3	61.8	92.6

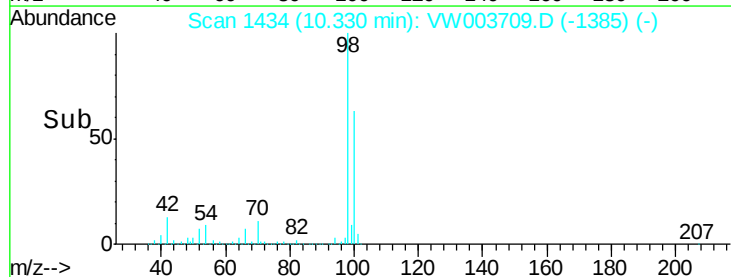
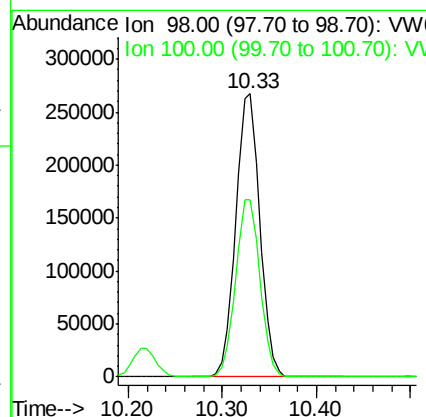
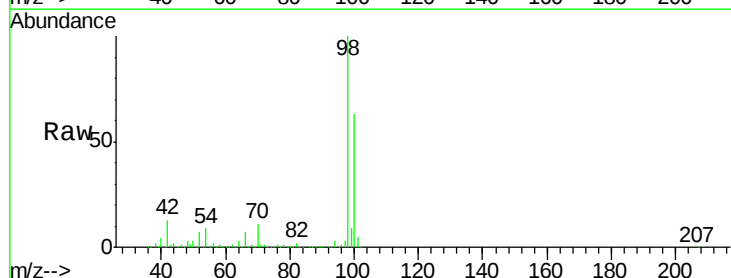
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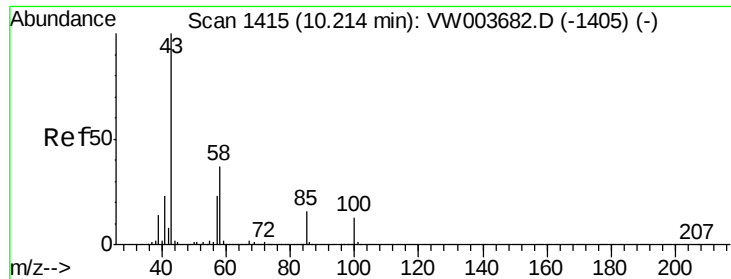
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#50
Toluene-d8
Concen: 55.916 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	98	Resp	472479
Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.8	76.2





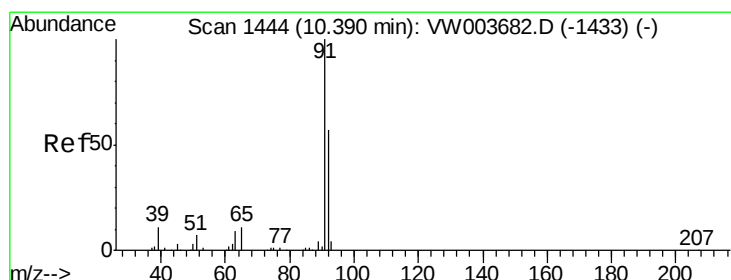
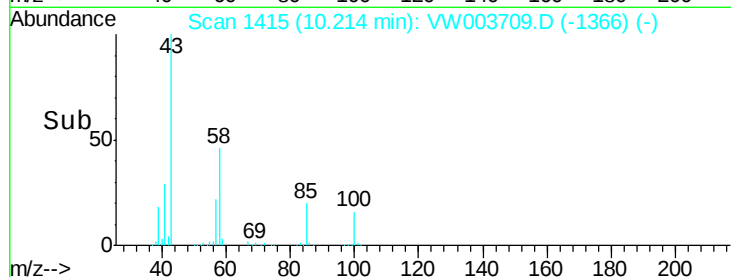
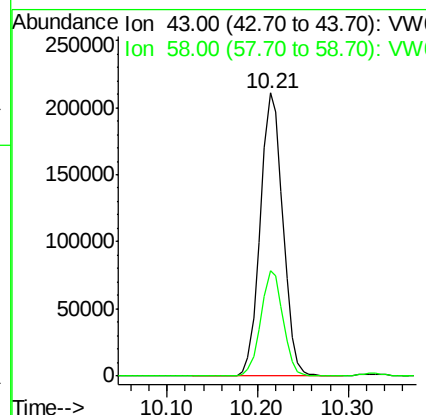
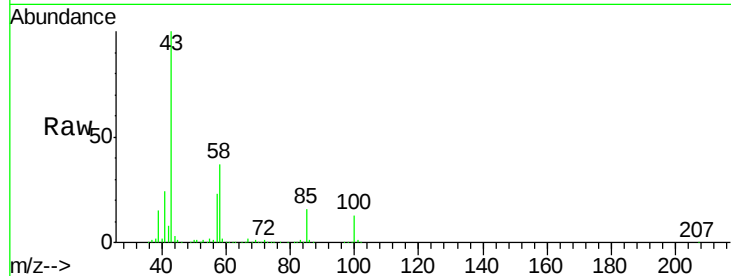
#51
 4-Methyl-2-Pentanone
 Concen: 227.643 ug/l
 RT: 10.21 min Scan# 1415
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Instrument :
 MSVOA_W
 ClientSampled :
 GF-G-9MSD

Tot Ion	43	Resp	364310
Ion Ratio	100	Lower	Upper
43	100		
58	36.5	29.6	44.4

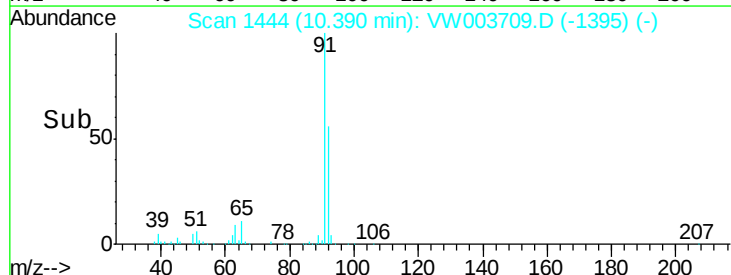
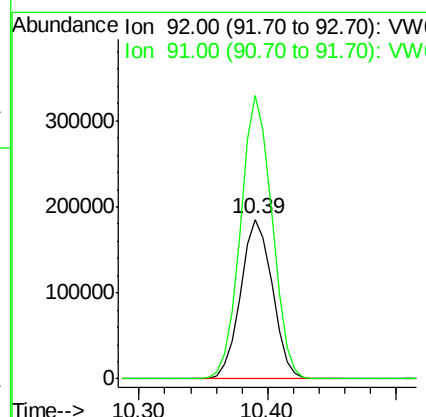
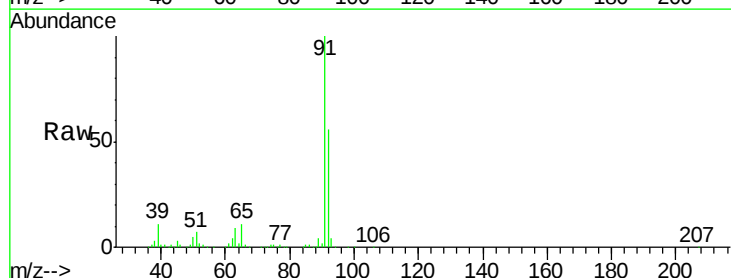
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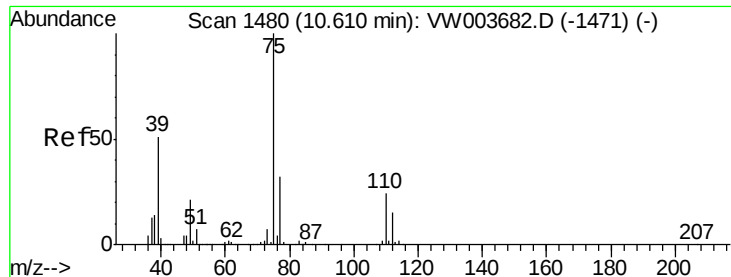
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#52
 Toluene
 Concen: 54.453 ug/l
 RT: 10.39 min Scan# 1444
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Tgt Ion	92	Resp	316412
Ion Ratio	100	Lower	Upper
92	100		
91	176.1	140.2	210.2





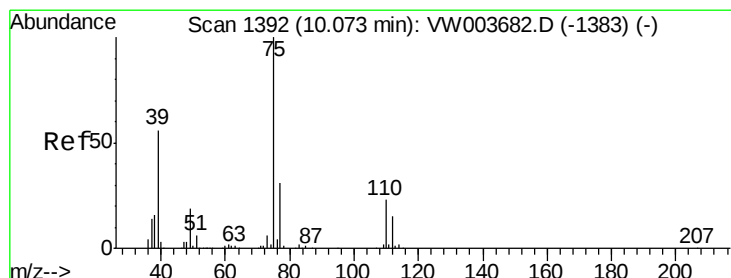
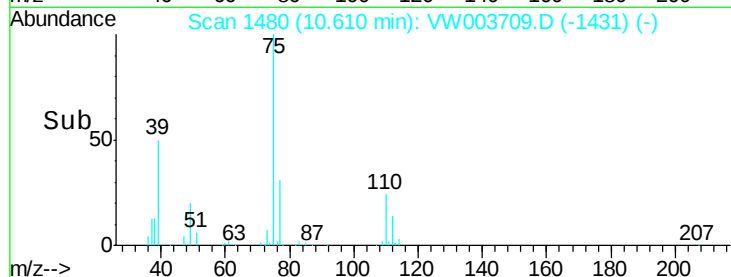
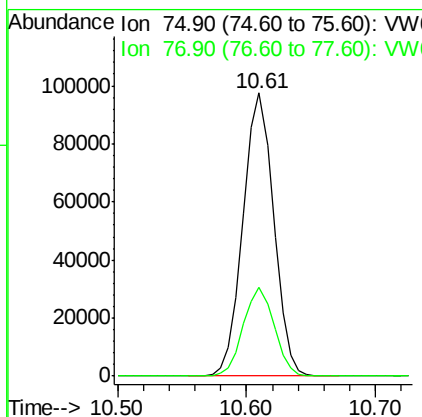
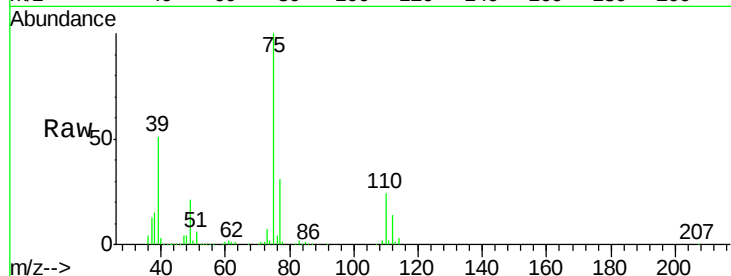
#53
t-1,3-Dichloropropene
Concen: 49.882 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.5	38.3

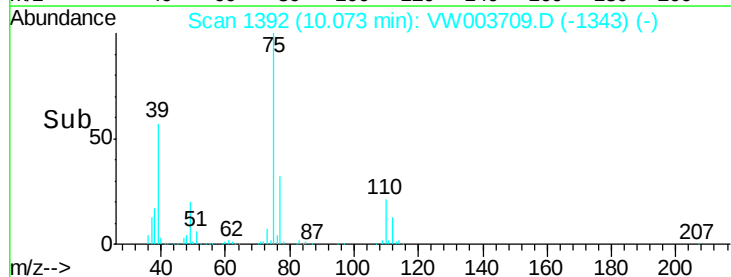
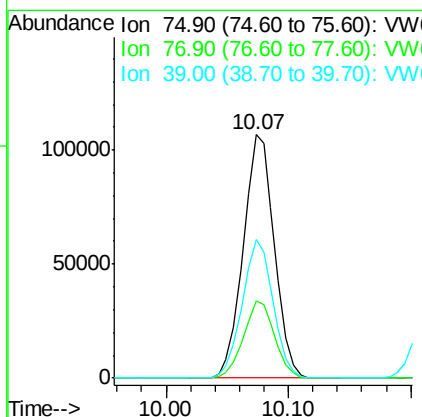
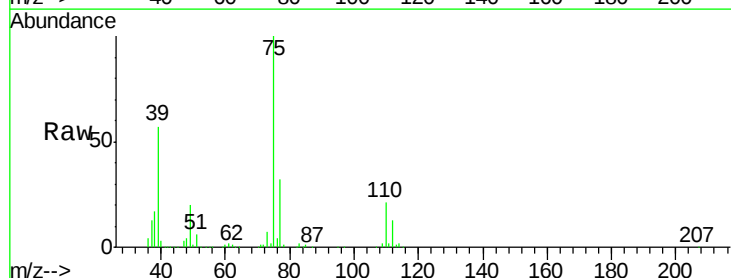
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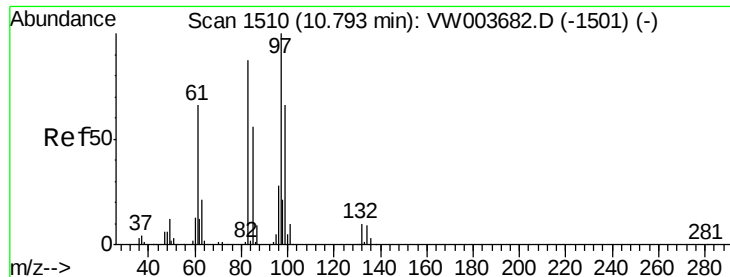
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#54
cis-1,3-Dichloropropene
Concen: 51.511 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.9	37.3
39	56.9	44.6	67.0





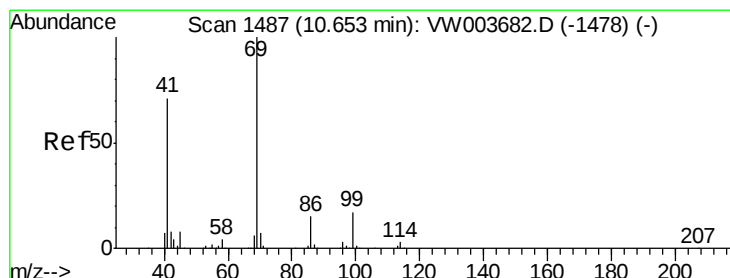
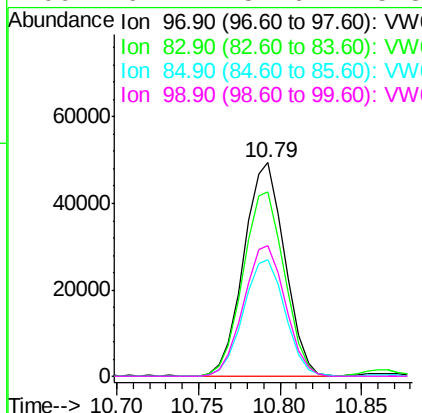
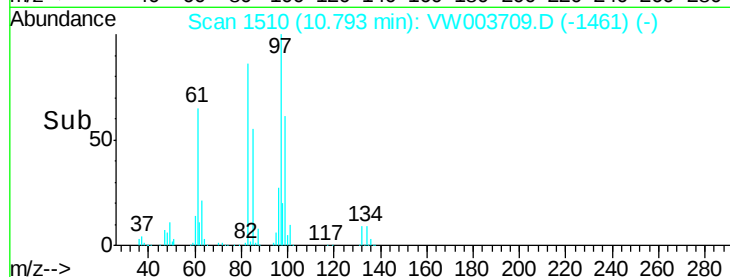
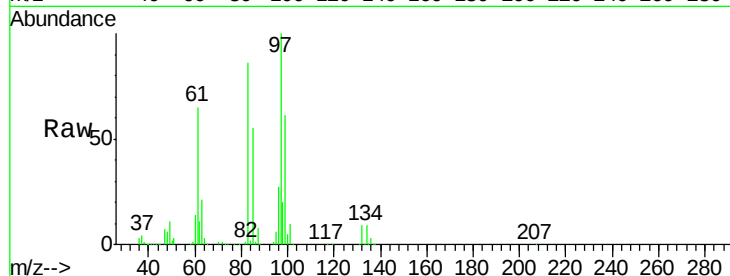
#55
 1,1,2-Trichloroethane
 Concen: 48.858 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MSD

Tot Ion:	97	Resp:	86348
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.5	104.3
85	54.8	44.7	67.1
99	61.2	52.6	78.8

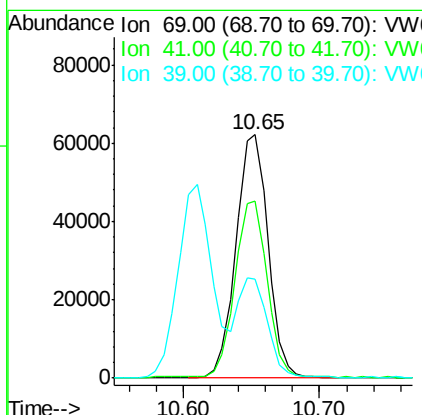
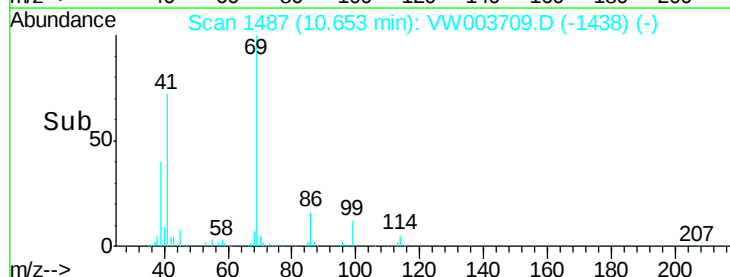
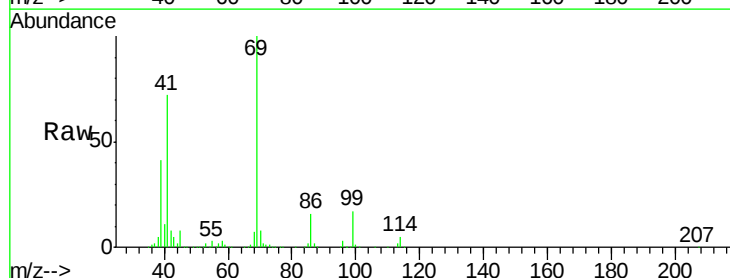
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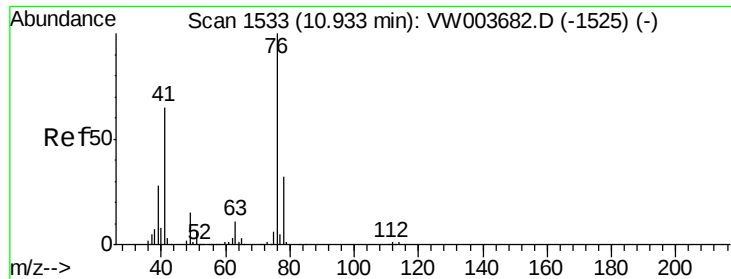
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#56
 Ethyl methacrylate
 Concen: 41.449 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Tgt Ion:	69	Resp:	102299
Ion	Ratio	Lower	Upper
69	100		
41	72.1	57.5	86.3
39	37.1	29.4	44.0





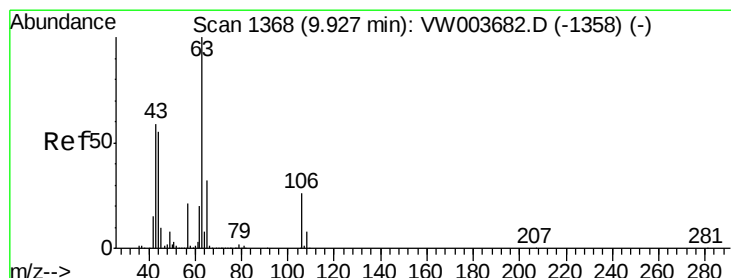
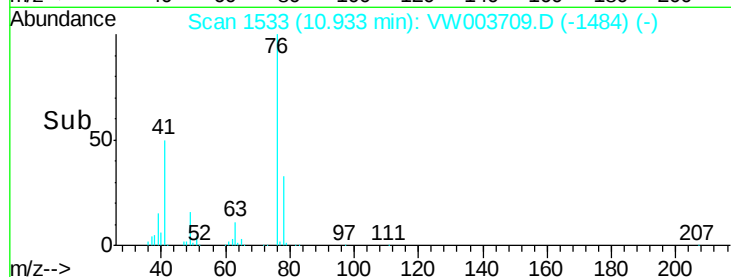
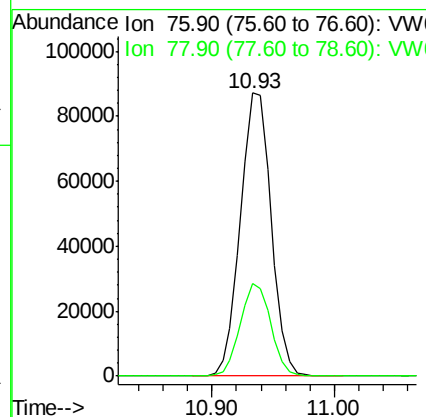
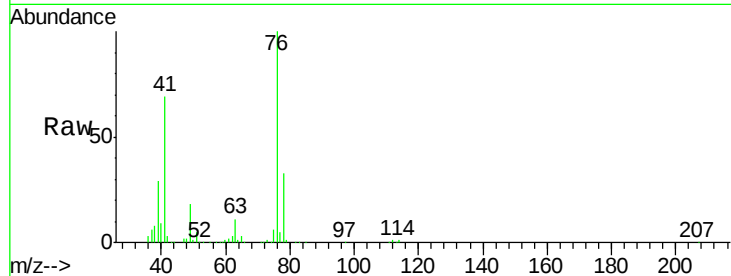
#57
 1,3-Dichloropropane
 Concen: 49.506 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Instrument :
 MSVOA_W
 ClientSampled :
 GF-G-9MSD

Tot Ion: 76 Resp: 151990
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4

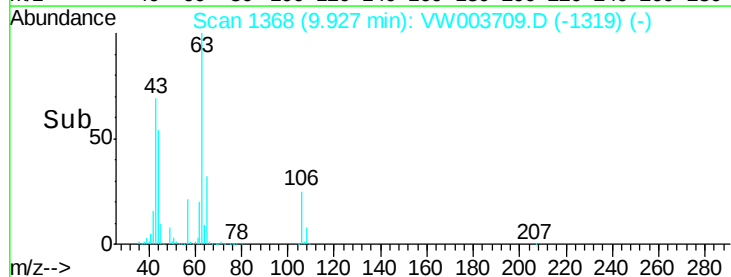
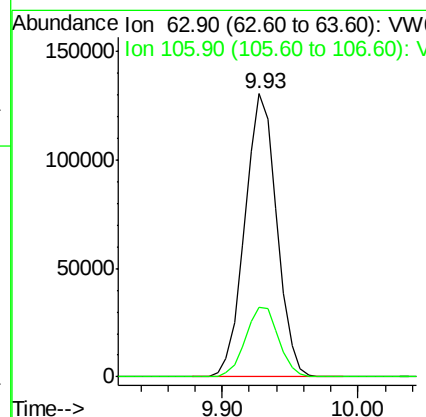
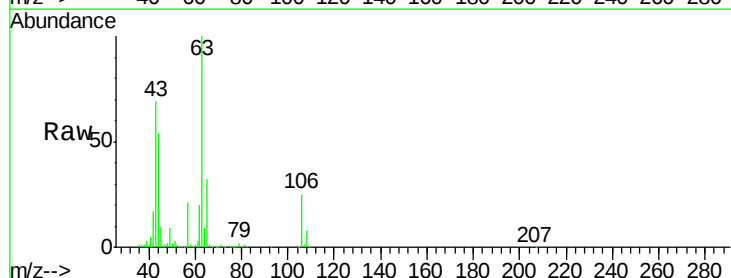
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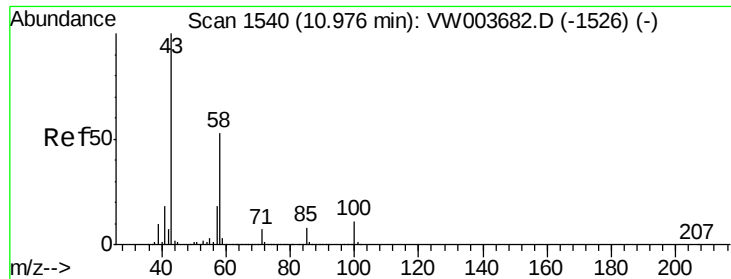
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 226.793 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Tgt Ion: 63 Resp: 214242
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.7 31.1





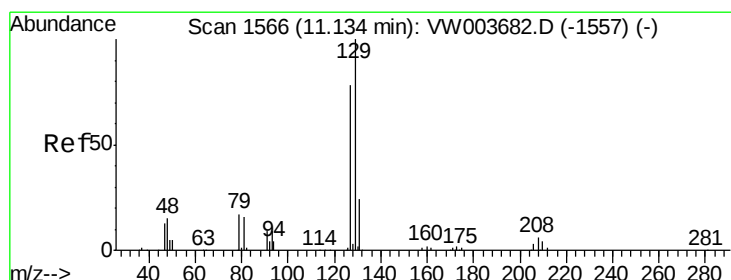
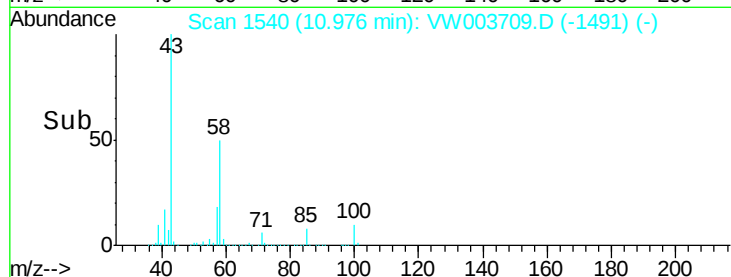
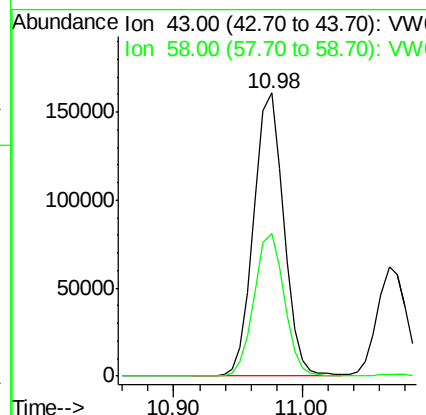
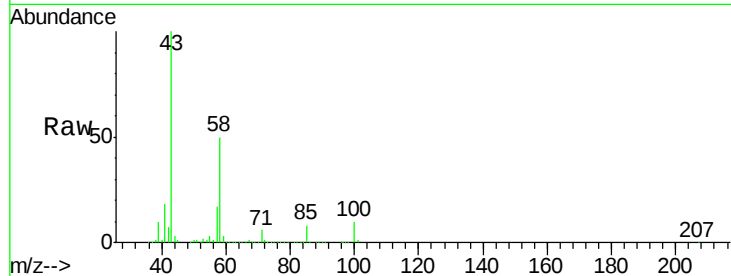
#59
2-Hexanone
Concen: 226.669 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MSD

Tot Ion: 43 Resp: 259308
Ion Ratio Lower Upper
43 100
58 50.2 25.9 77.6

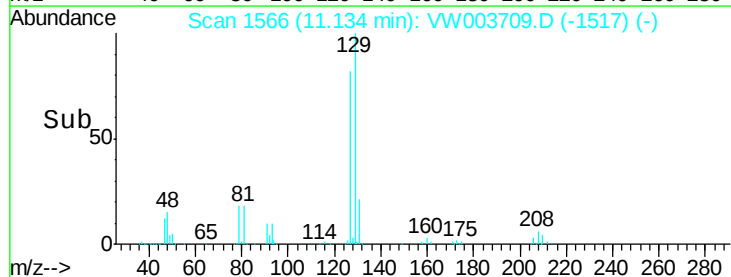
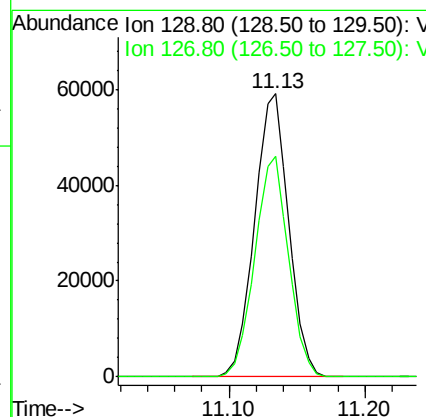
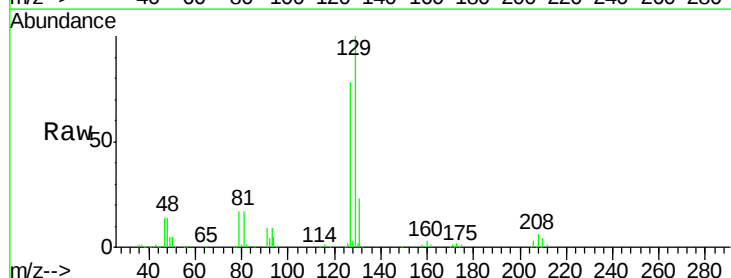
Manual Integrations
APPROVED

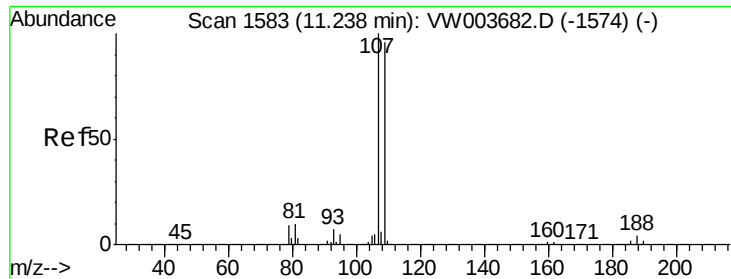
apatel
7/5/2018 11:12:09 AM



#60
Dibromochloromethane
Concen: 50.259 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion: 129 Resp: 103837
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





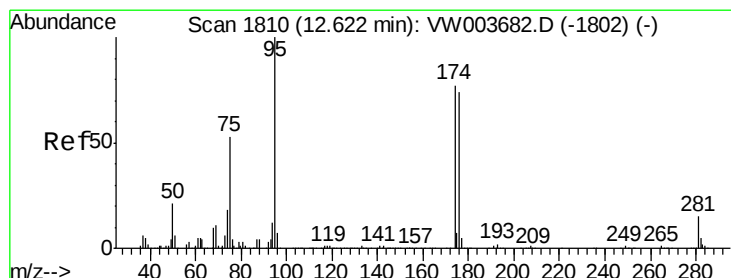
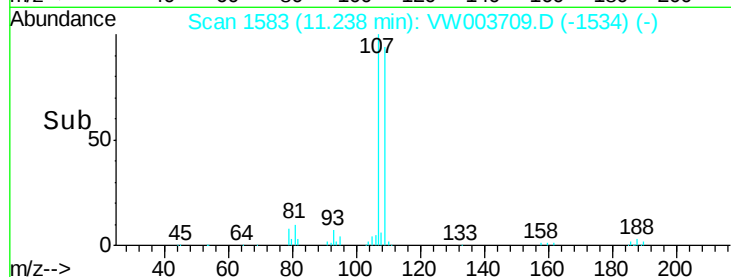
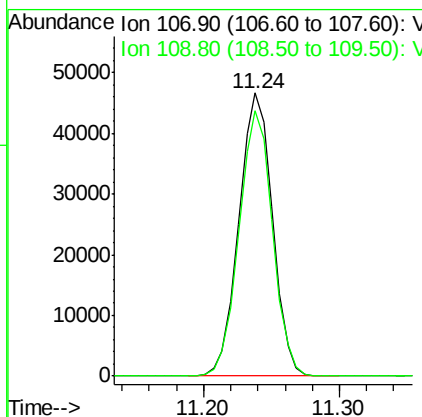
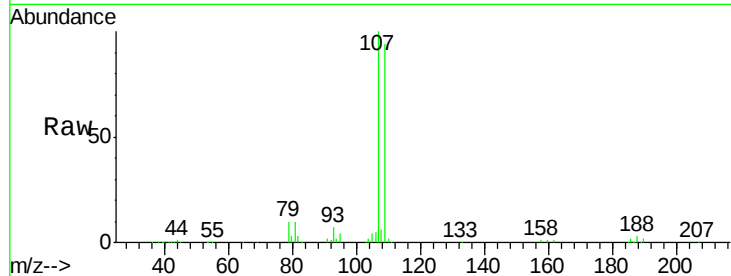
#61
 1,2-Dibromoethane
 Concen: 47.448 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Instrument :
 MSVOA_W
 ClientSampled :
 GF-G-9MSD

Tot Ion: 107 Resp: 80320
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.6 113.4

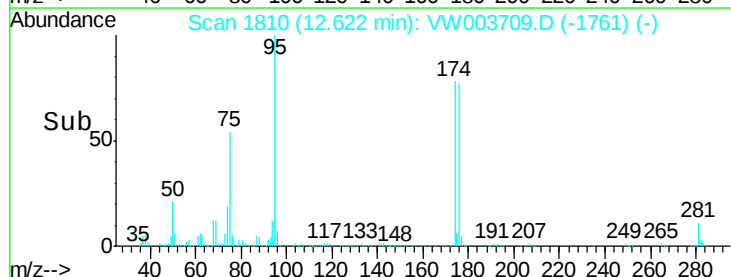
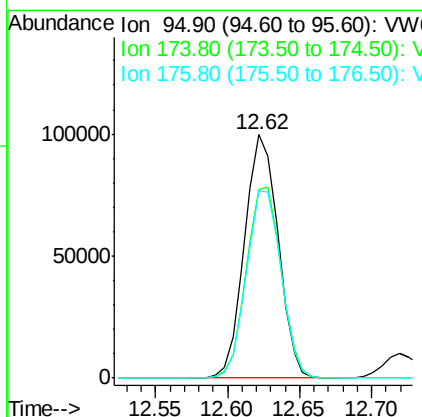
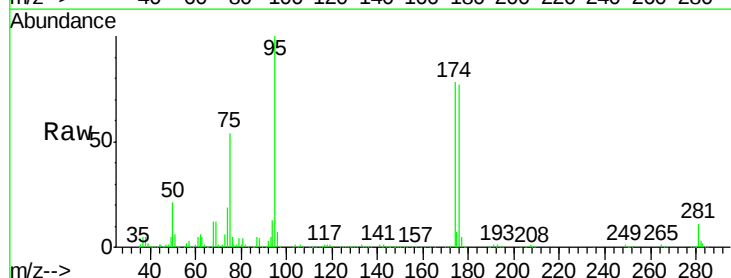
Manual Integrations
 APPROVED

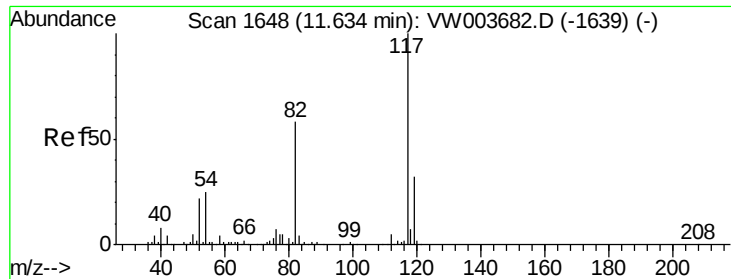
apatel
 7/5/2018 11:12:09 AM



#62
 4-Bromofluorobenzene
 Concen: 52.937 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Tgt Ion: 95 Resp: 160698
 Ion Ratio Lower Upper
 95 100
 174 81.3 0.0 161.2
 176 79.7 0.0 155.0





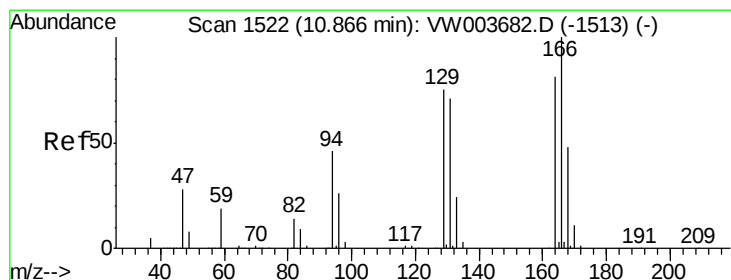
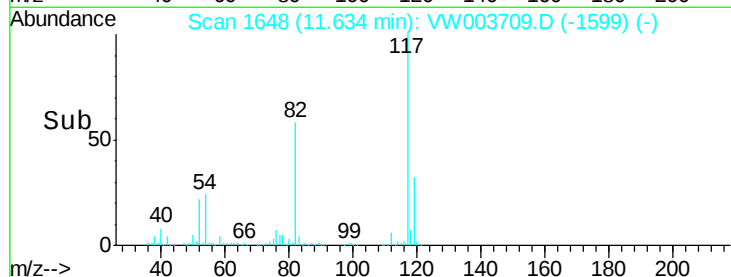
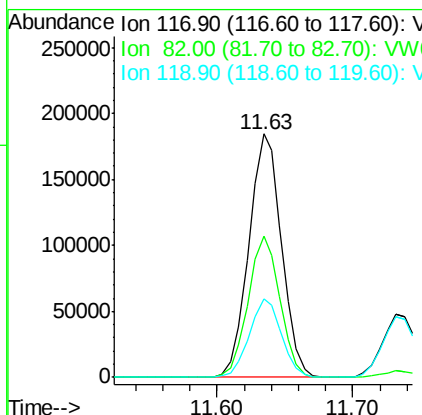
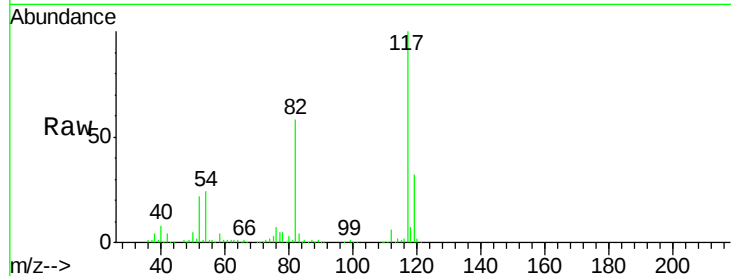
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
117	100	310081		
82	57.7	46.0	69.0	
119	32.1	25.4	38.0	

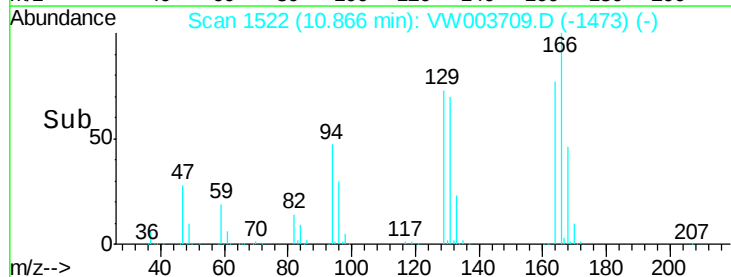
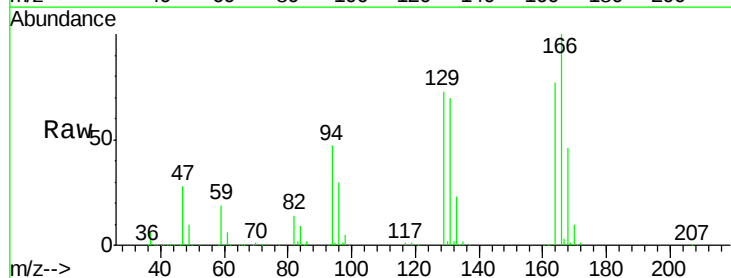
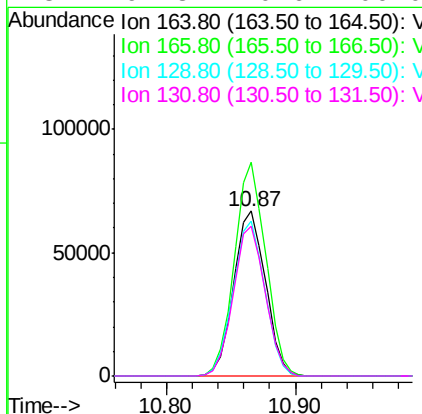
Manual Integrations
APPROVED

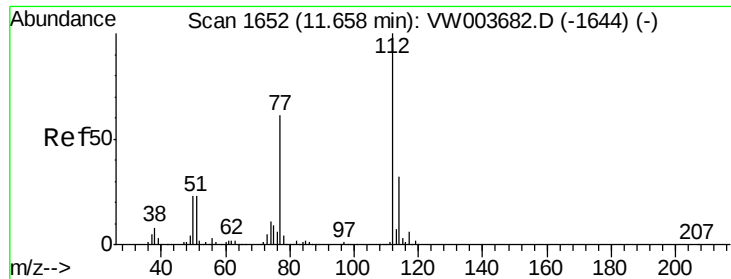
apatel
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#64
Tetrachloroethene
Concen: 54.609 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	114449		
166	129.7	99.0	148.4	
129	94.3	73.8	110.6	
131	91.3	70.6	106.0	





#65

Chlorobenzene

Concen: 51.744 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

ClientSampled :

GF-G-9MSD

Tot Ion:112 Resp: 337320

Ion Ratio Lower Upper

112 100

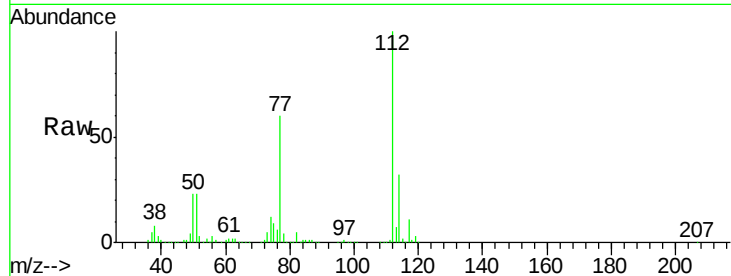
114 32.0 25.8 38.8

Manual Integrations

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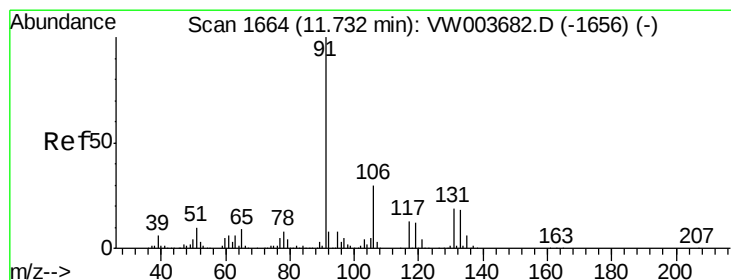
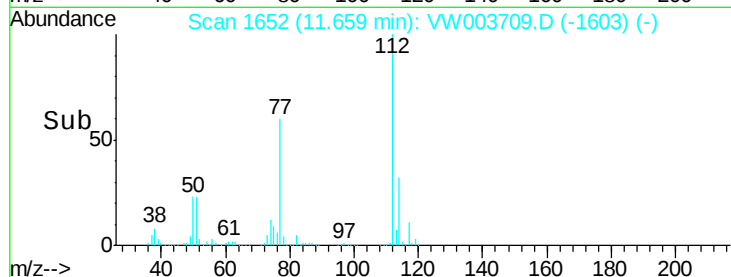
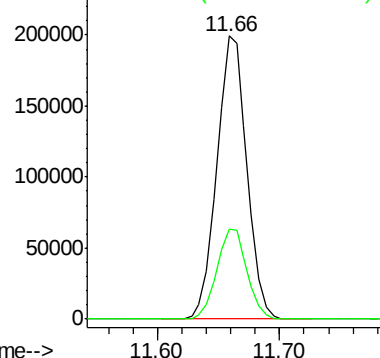
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.492 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

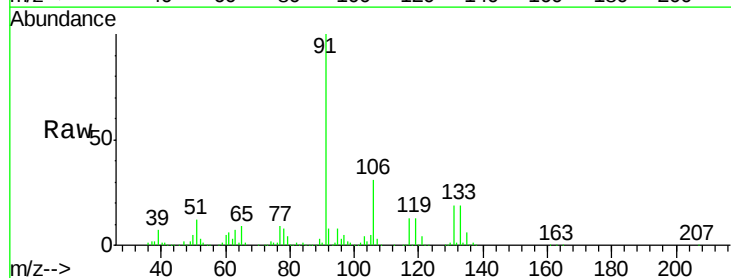
Tgt Ion:131 Resp: 121870

Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.8

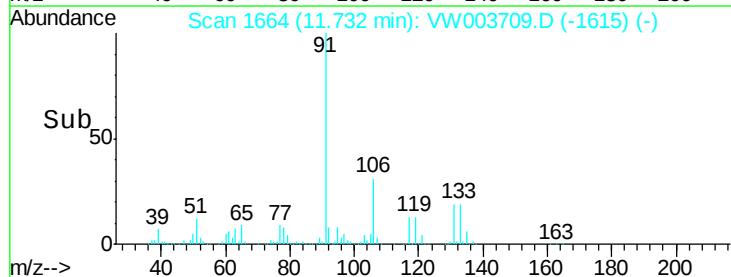
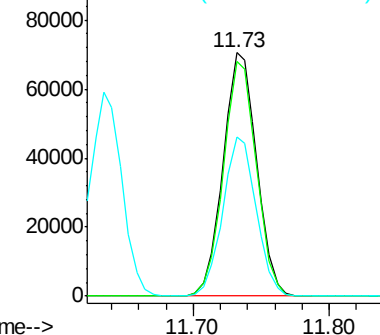
119 65.0 31.9 95.9

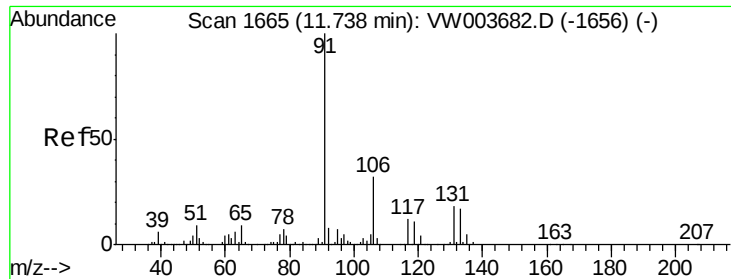


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





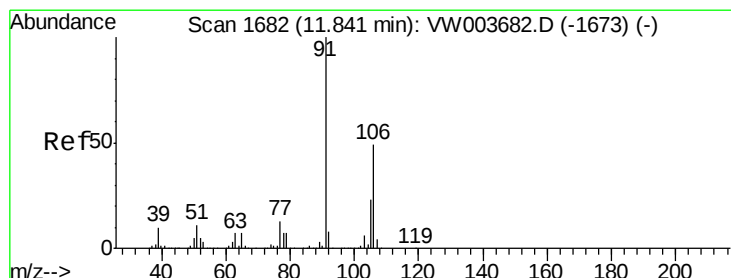
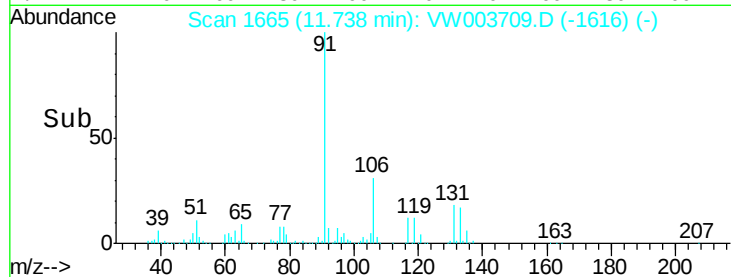
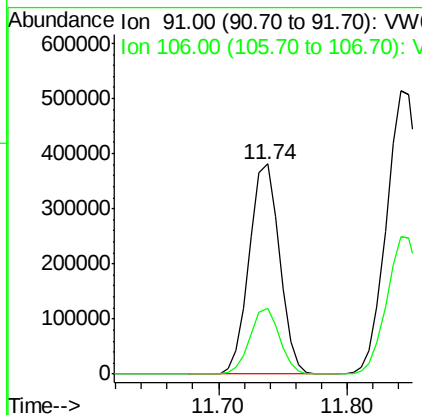
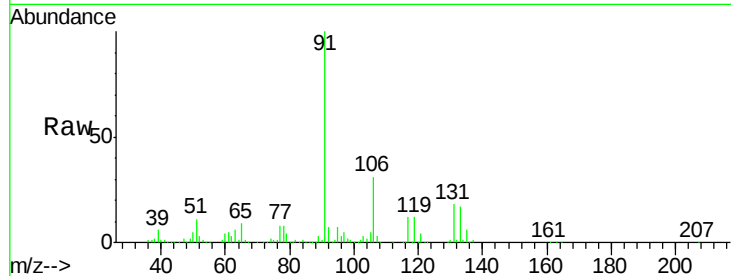
#67
Ethyl Benzene
Concen: 54.028 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MSD

Tot Ion: 91 Resp: 617122
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8

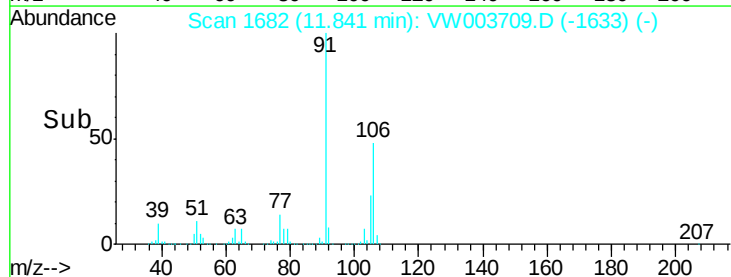
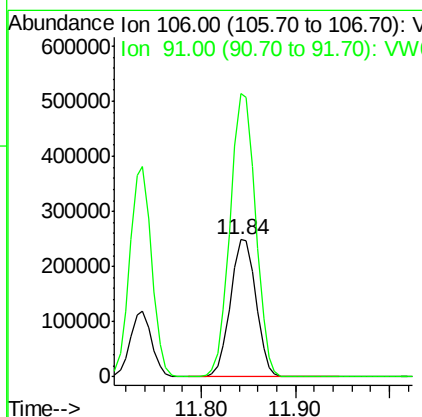
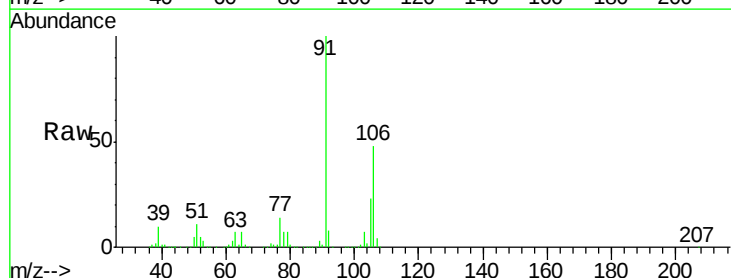
Manual Integrations
APPROVED

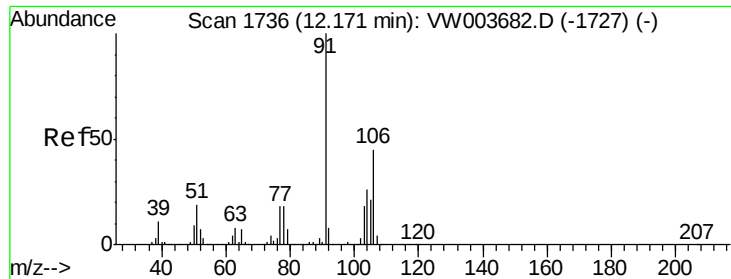
apatel
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#68
m/p-Xylenes
Concen: 108.172 ug/l
RT: 11.84 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion: 106 Resp: 469859
Ion Ratio Lower Upper
106 100
91 206.0 163.7 245.5





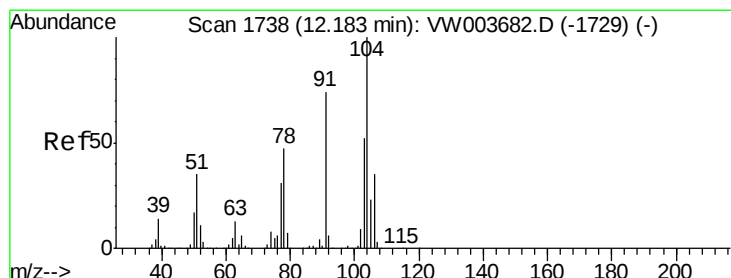
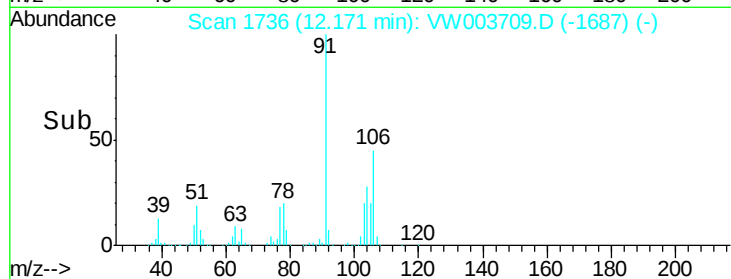
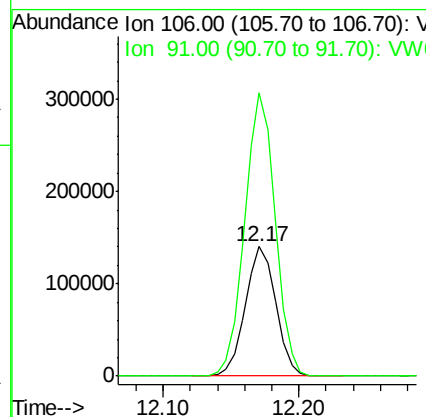
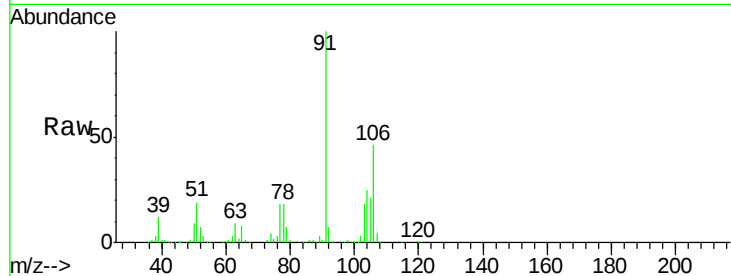
#69
o-Xylene
Concen: 54.872 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
106	100	220336		
91	218.0	109.3	327.8	

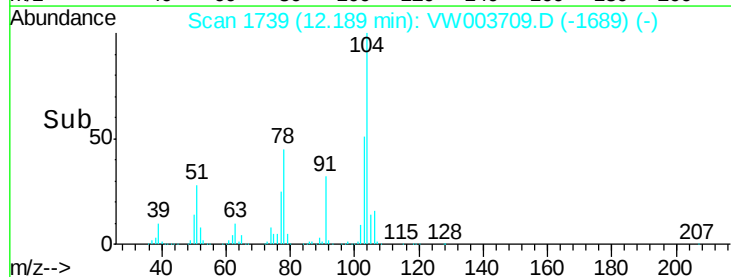
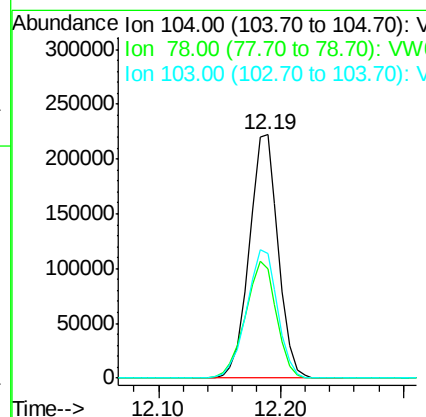
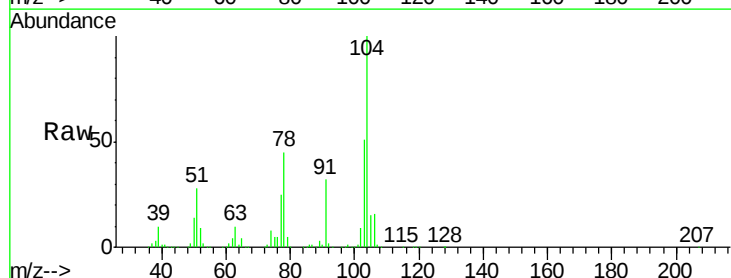
Manual Integrations
APPROVED

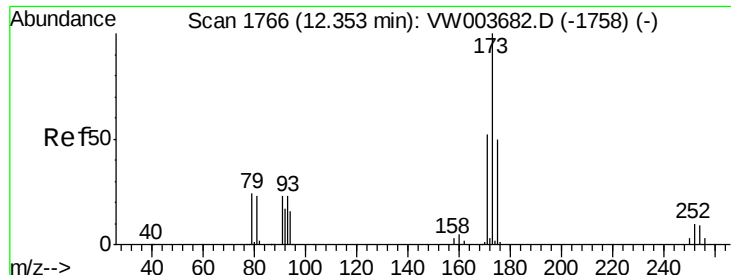
apatel
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#70
Styrene
Concen: 53.910 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	363591		
78	51.9	40.2	60.4	
103	56.8	44.4	66.6	





#71

Bromoform

Concen: 47.784 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MSD

Tot Ion:173 Resp: 60490

Ion Ratio Lower Upper

173 100

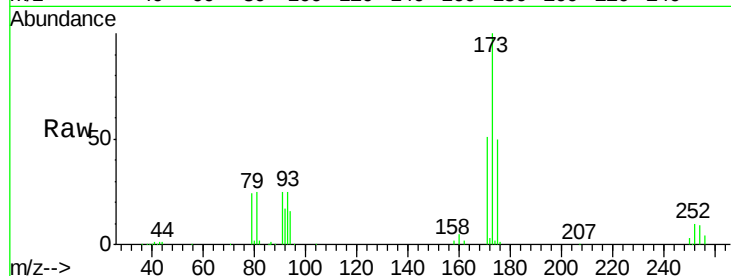
175 49.3 24.5 73.5

254 0.0 0.2 0.2#

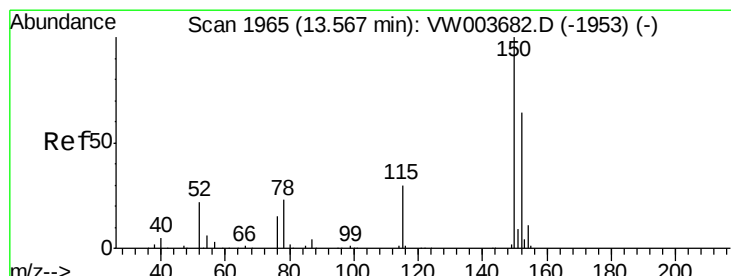
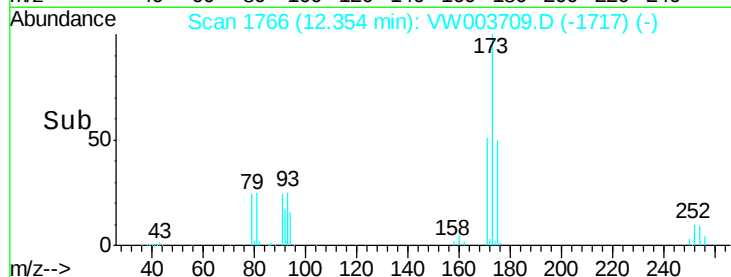
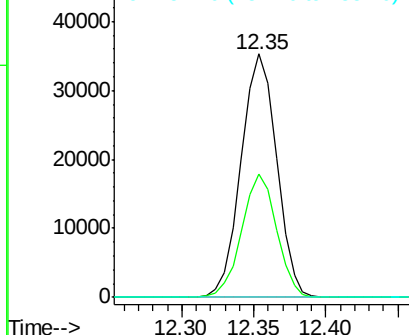
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

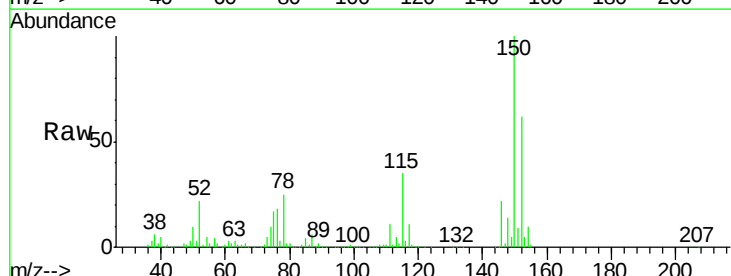
Tgt Ion:152 Resp: 158290

Ion Ratio Lower Upper

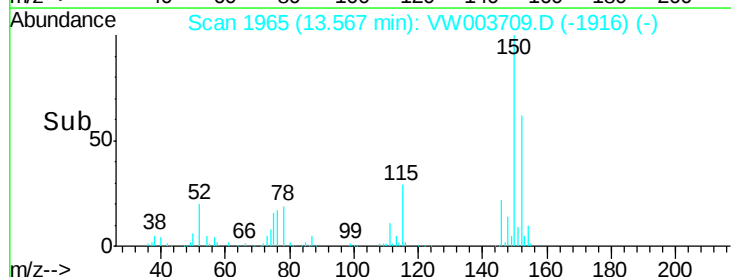
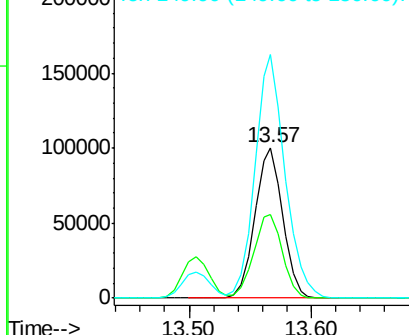
152 100

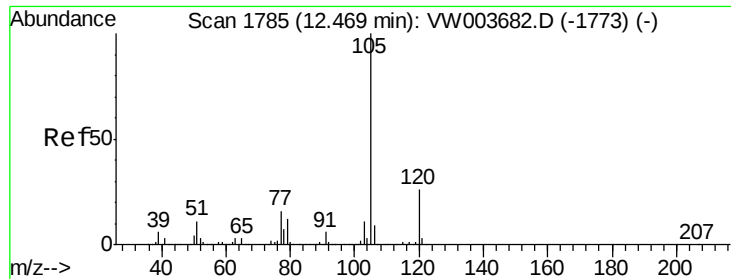
115 57.8 29.3 88.0

150 174.5 0.0 352.0



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





#73

Isopropylbenzene

Concen: 55.993 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

ClientSampleId :

GF-G-9MSD

Tot Ion: 105 Resp: 602897

Ion Ratio Lower Upper

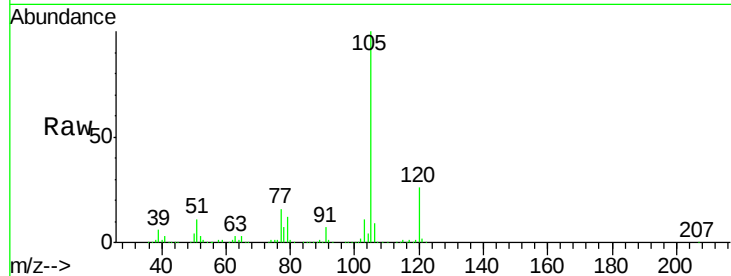
105 100

120 26.0 13.1 39.3

Manual Integrations
APPROVED

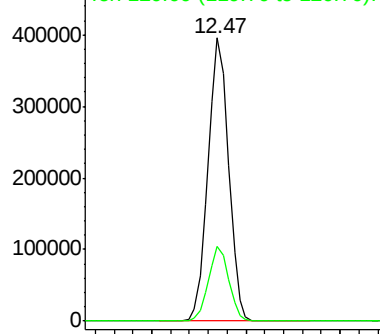
apatel

7/5/2018 11:12:09 AM

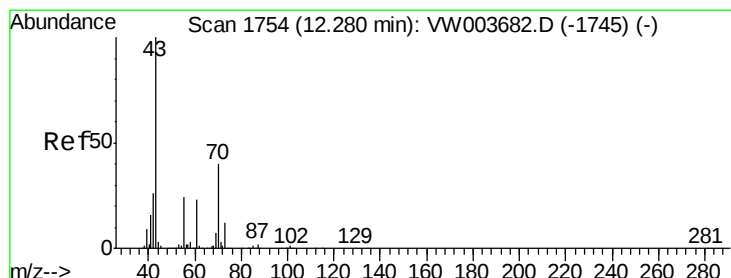
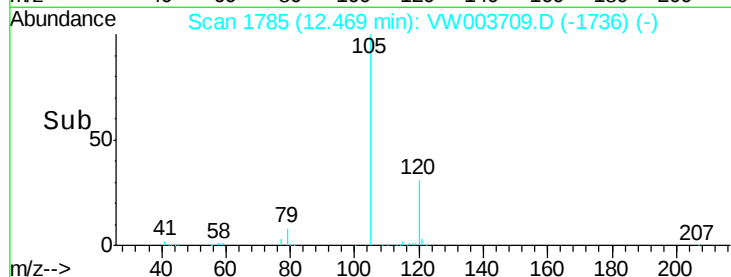


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 35.850 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Tgt Ion: 43 Resp: 101928

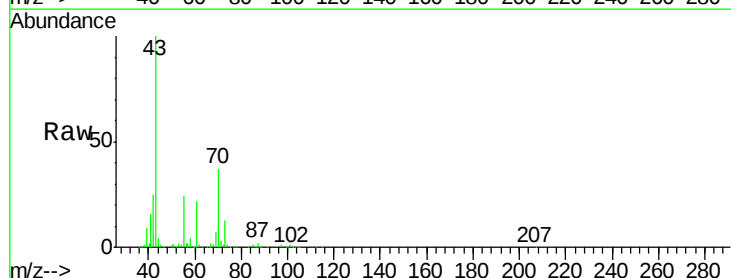
Ion Ratio Lower Upper

43 100

70 38.7 31.3 46.9

55 25.3 20.1 30.1

61 22.3 18.2 27.2

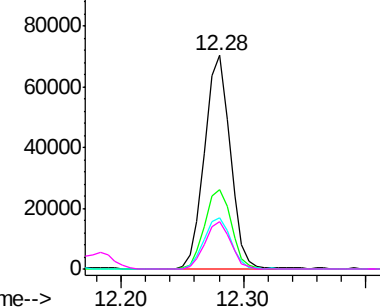


Abundance Ion 43.00 (42.70 to 43.70): VV

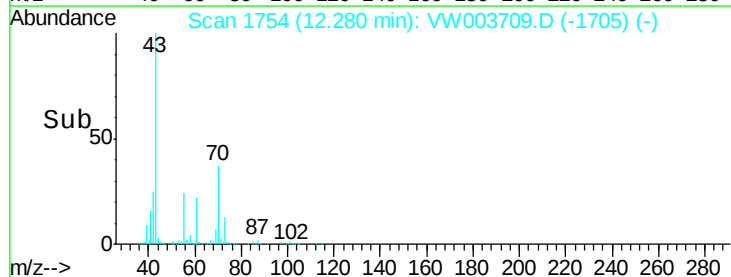
Ion 70.00 (69.70 to 70.70): VV

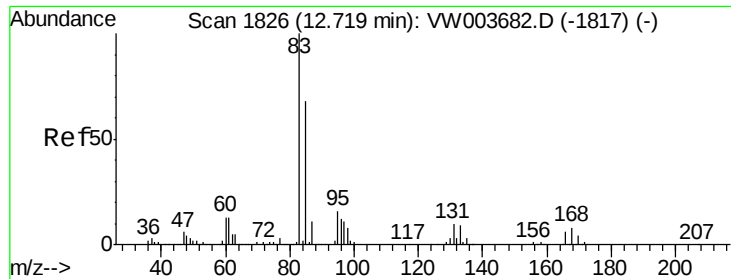
Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV



Time-->





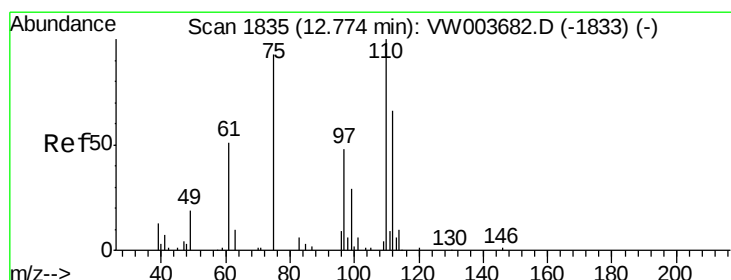
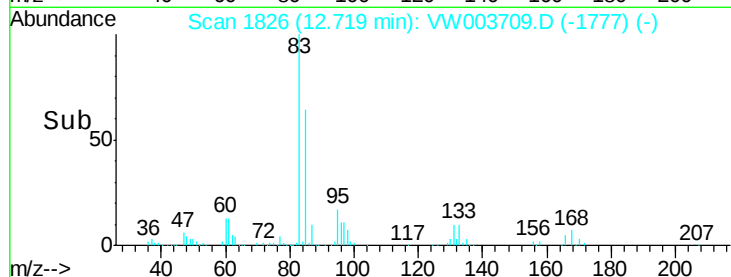
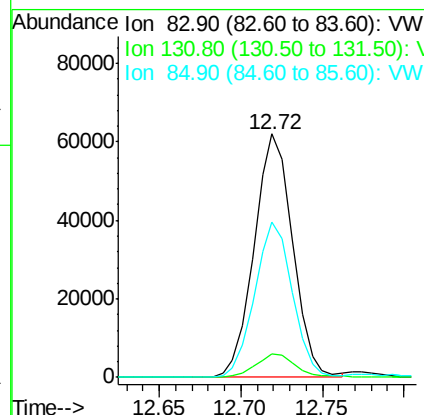
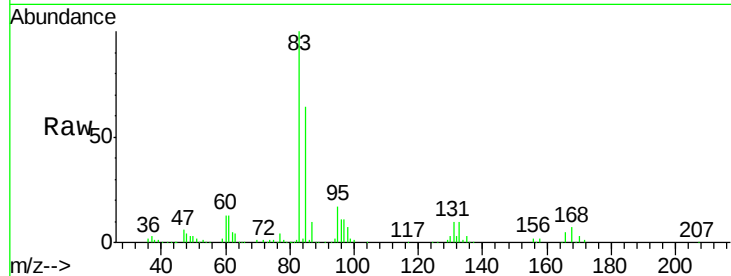
#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.266 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Instrument :
 MSVOA_W
 ClientSampled :
 GF-G-9MSD

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	15.9
85	62.8	31.9	95.9

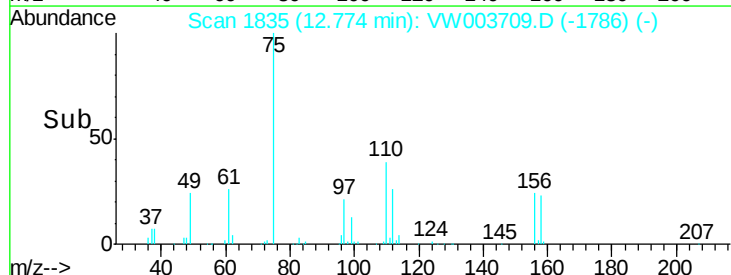
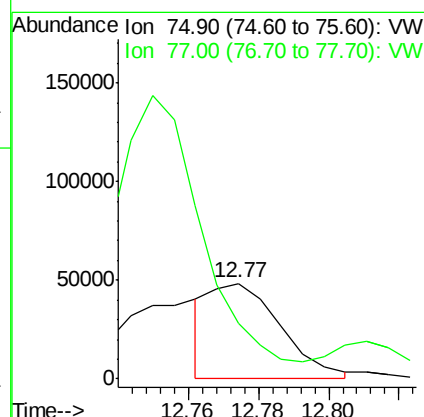
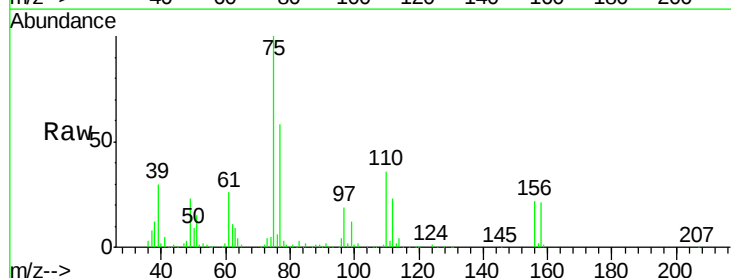
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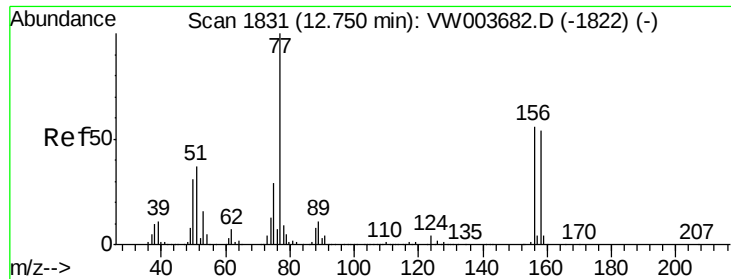
apatel
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#76
 1,2,3-Trichloropropane
 Concen: 47.132 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.904 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

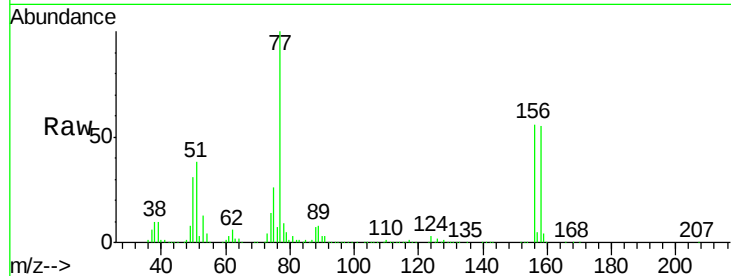
ClientSampleId :

GF-G-9MSD

Tot Ion	Ratio	Lower	Upper
156	100		
77	190.6	95.8	287.4
158	97.5	48.2	144.6

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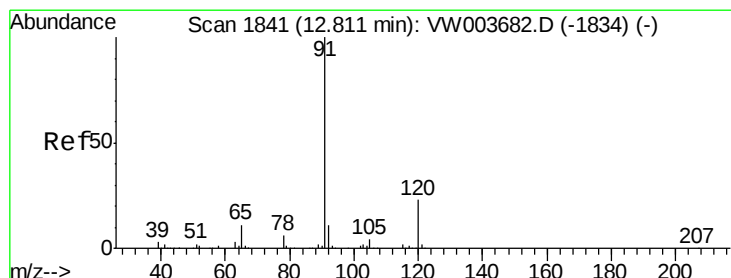
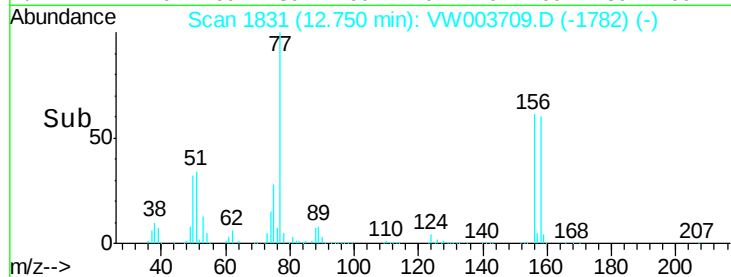
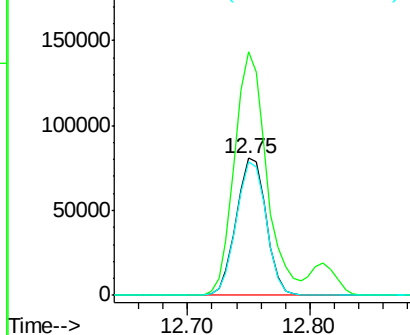
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.734 ug/l

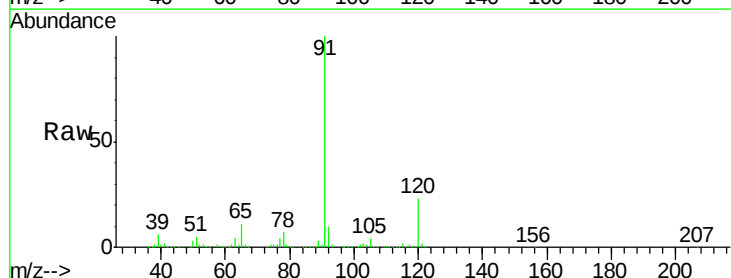
RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003709.D

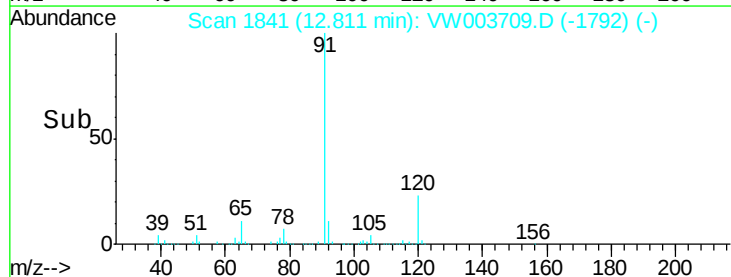
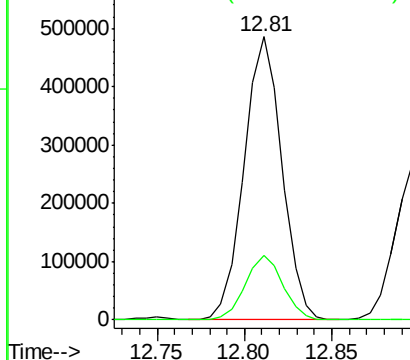
Acq: 03 Jul 2018 19:44

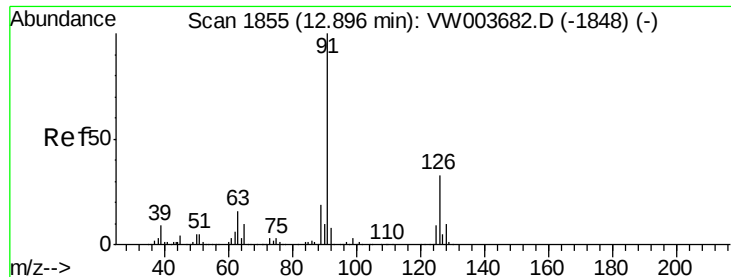
Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.828 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

ClientSampled :

GF-G-9MSD

Tot Ion: 91 Resp: 415007

Ion Ratio Lower Upper

91 100

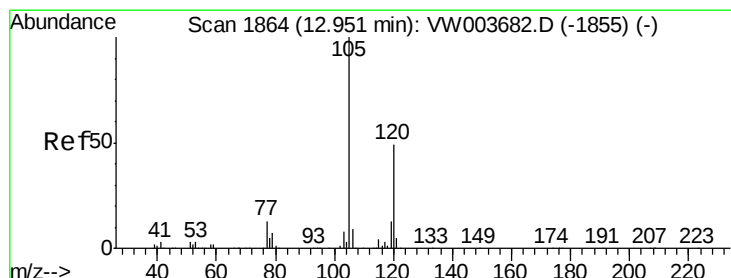
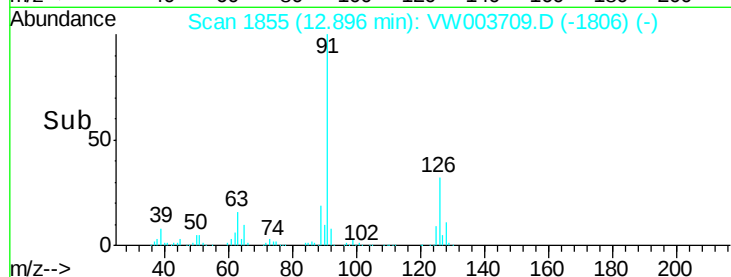
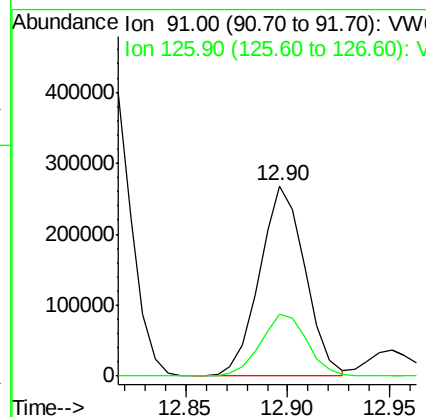
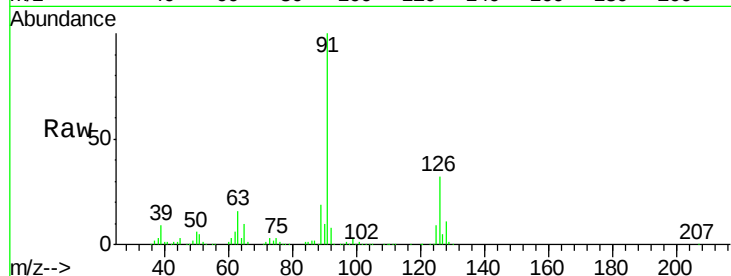
126 33.3 16.4 49.4

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#80

1,3,5-Trimethylbenzene

Concen: 55.554 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003709.D

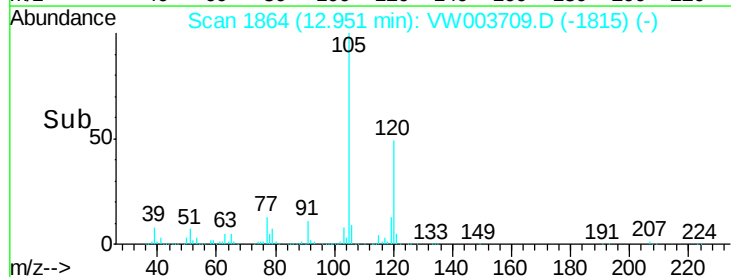
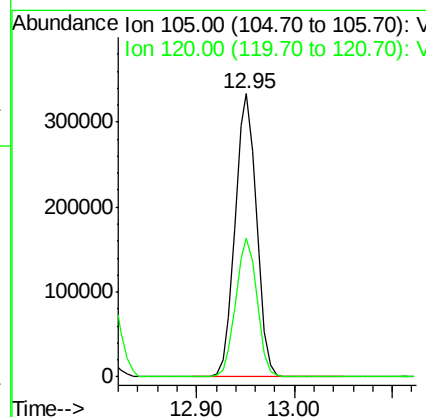
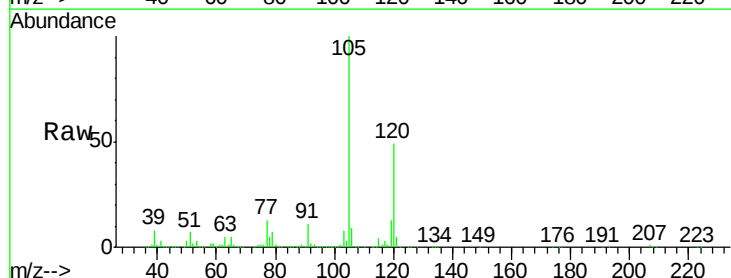
Acq: 03 Jul 2018 19:44

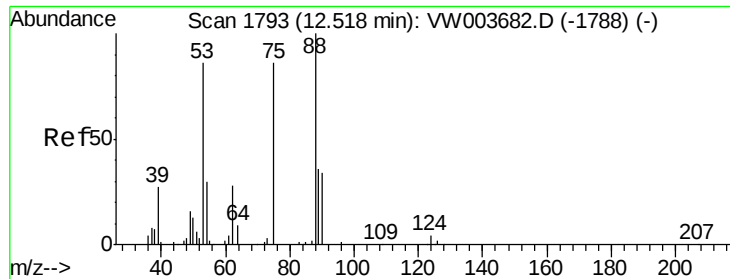
Tgt Ion:105 Resp: 506023

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





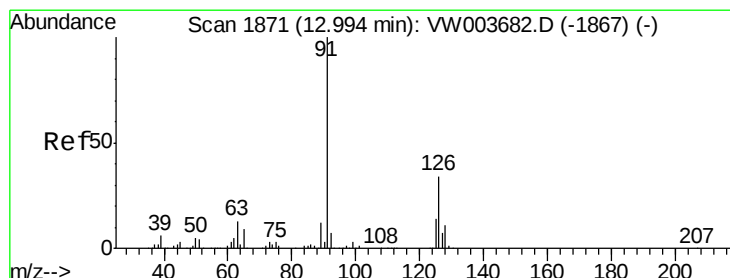
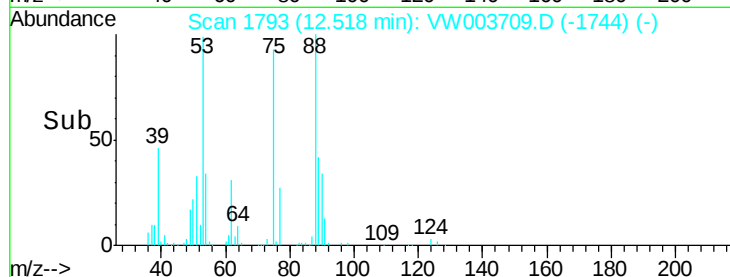
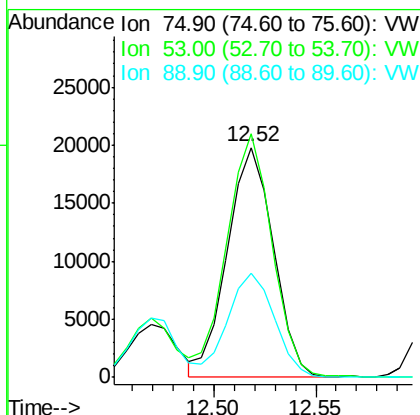
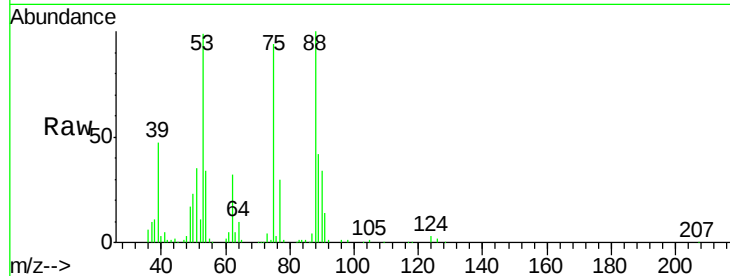
#81
trans-1,4-Dichloro-2-butene
Concen: 46.176 ug/l
RT: 12.52 min Scan# 1793
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	82.4	123.6
89	45.5	35.9	53.9

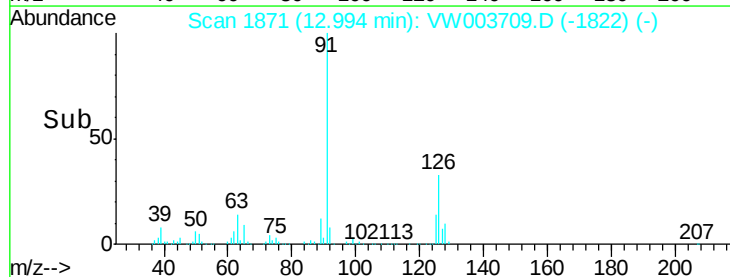
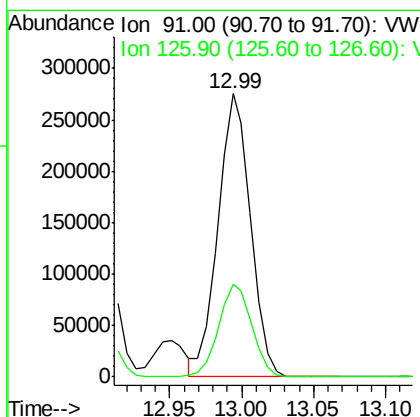
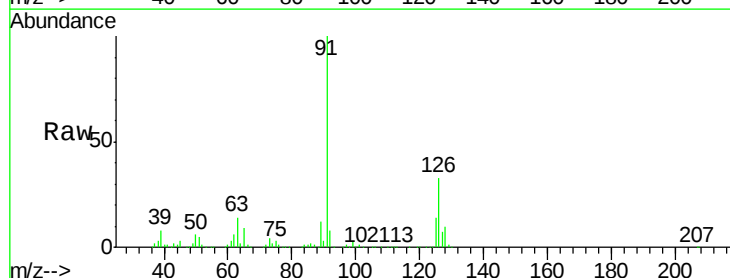
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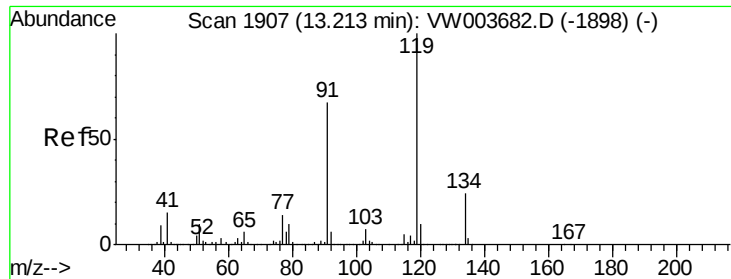
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#82
4-Chlorotoluene
Concen: 54.066 ug/l
RT: 12.99 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	17.0	50.9





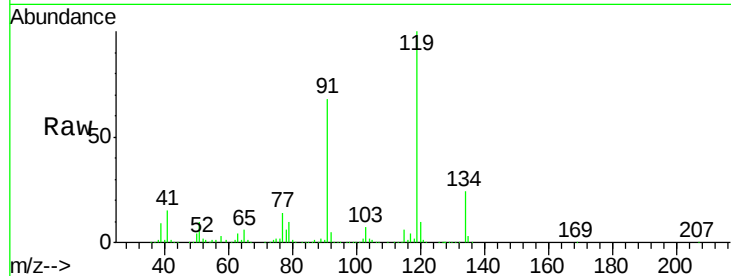
#83
tert-Butylbenzene
Concen: 55.775 ug/l
RT: 13.21 min Scan# 1907
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampled :
GF-G-9MSD

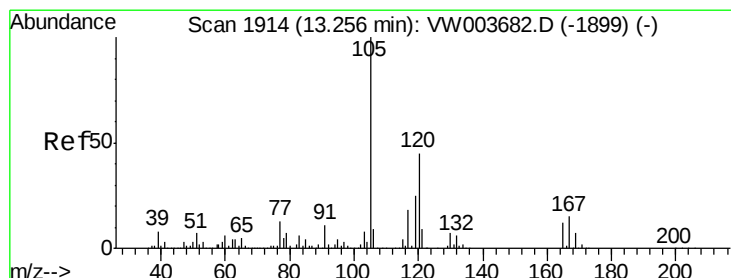
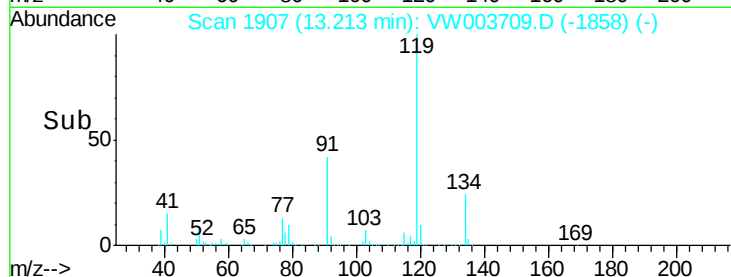
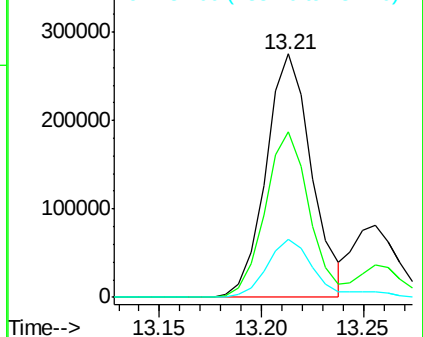
Tot Ion	Ratio	Lower	Upper
119	100		
91	65.7	33.8	101.3
134	25.7	13.1	39.1

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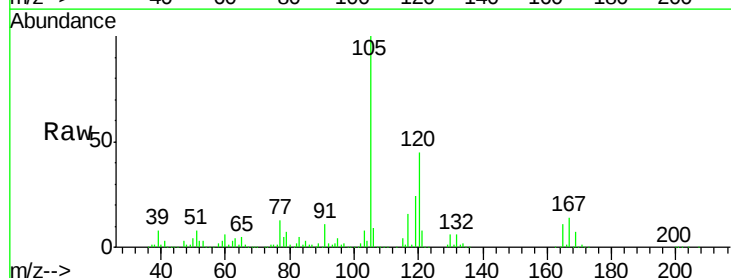


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

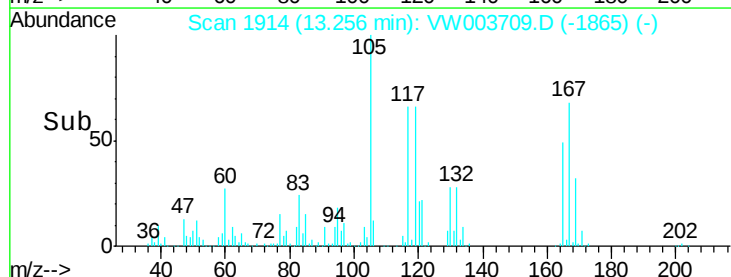
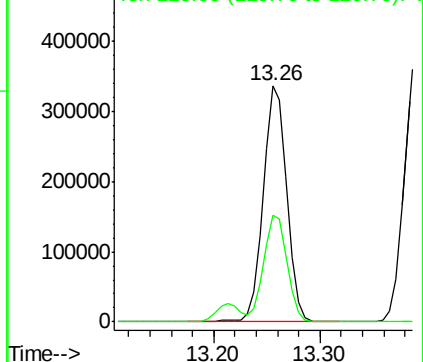


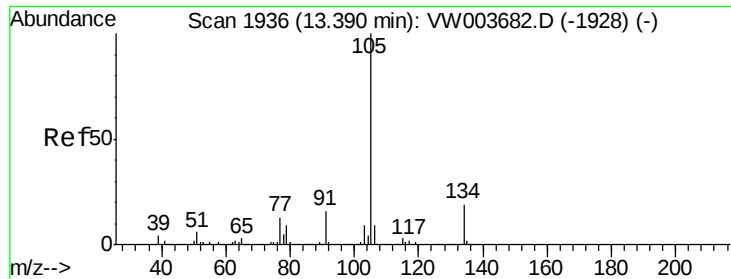
#84
1,2,4-Trimethylbenzene
Concen: 55.605 ug/l
RT: 13.26 min Scan# 1914
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.4	67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.726 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

ClientSampled :

GF-G-9MSD

Tot Ion:105 Resp: 602837

Ion Ratio Lower Upper

105 100

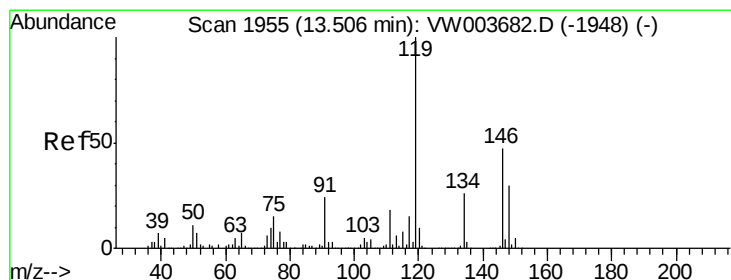
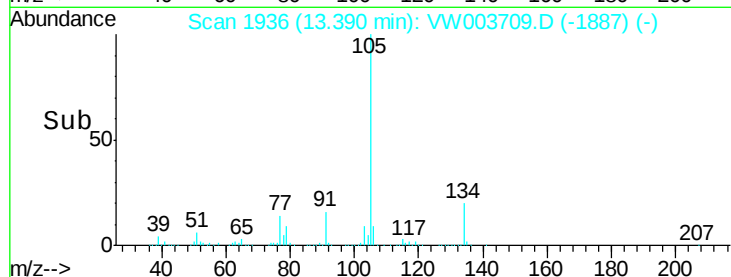
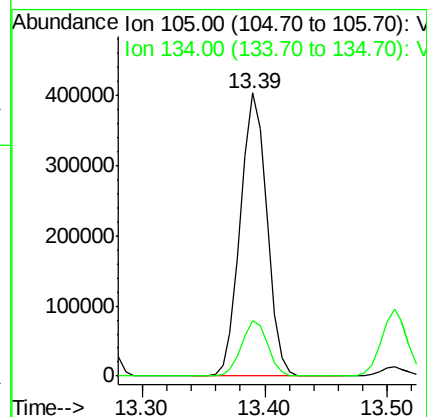
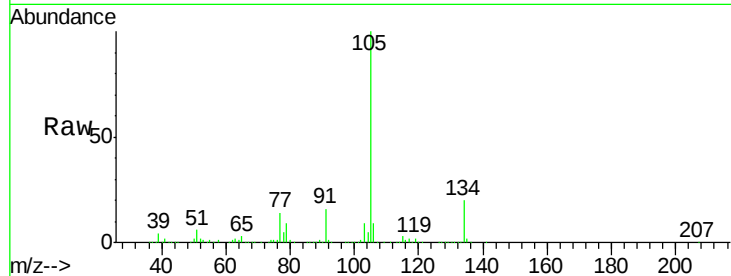
134 19.5 9.8 29.4

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#86

p-Isopropyltoluene

Concen: 53.403 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

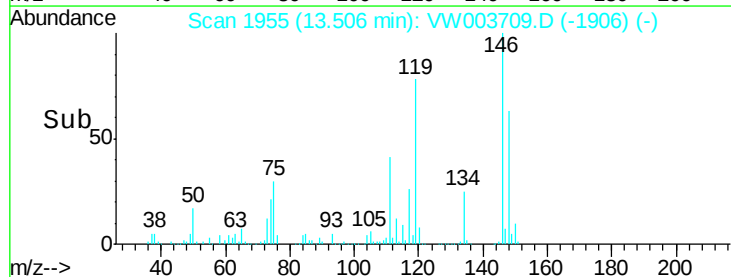
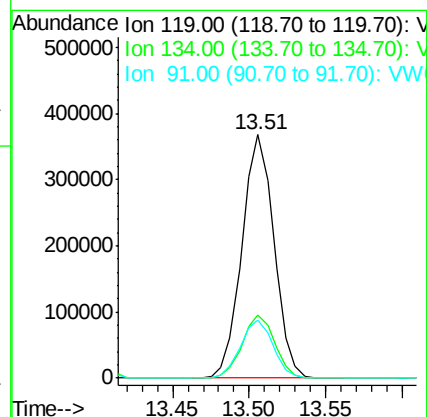
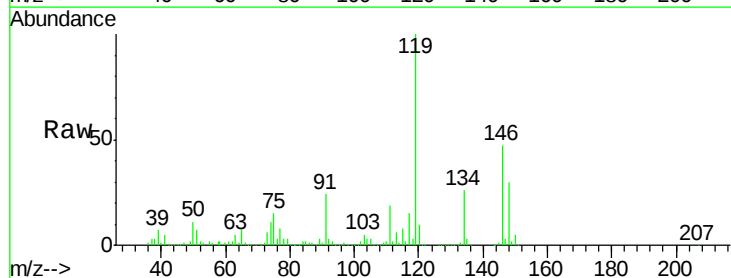
Tgt Ion:119 Resp: 534056

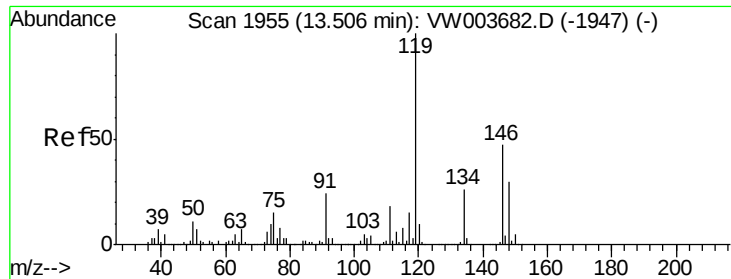
Ion Ratio Lower Upper

119 100

134 26.1 13.0 38.9

91 24.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 51.600 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Instrument :

MSVOA_W

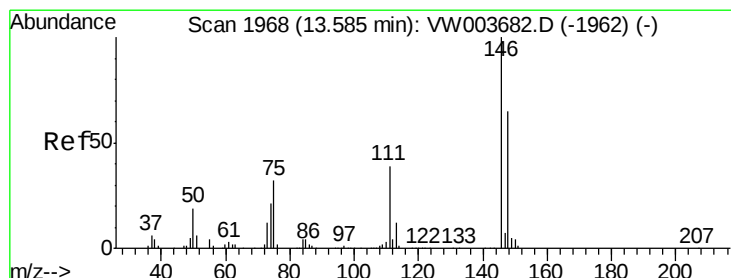
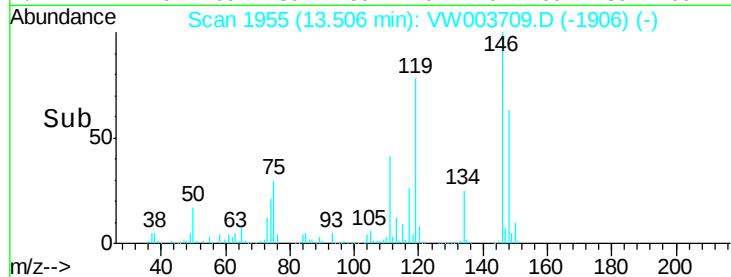
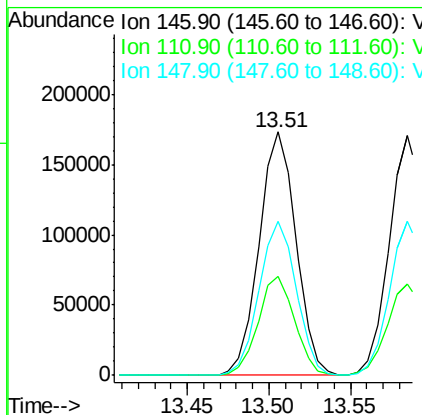
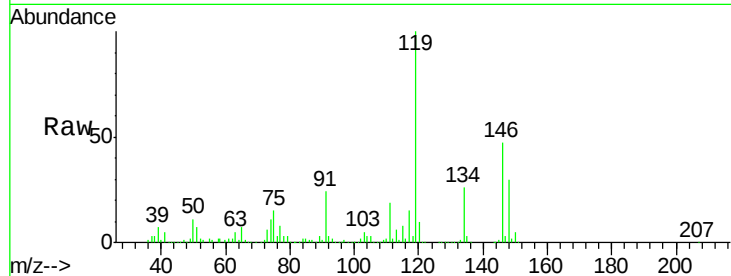
ClientSampled :

GF-G-9MSD

Tot Ion:	146	Resp:	270616
Ion Ratio	Lower	Upper	
146	100		
111	40.5	19.9	59.7
148	64.0	31.9	95.9

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#88

1,4-Dichlorobenzene

Concen: 50.984 ug/l

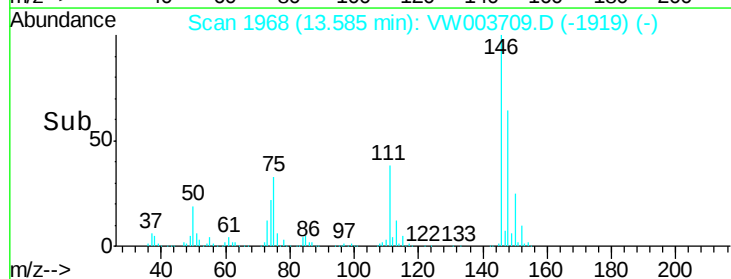
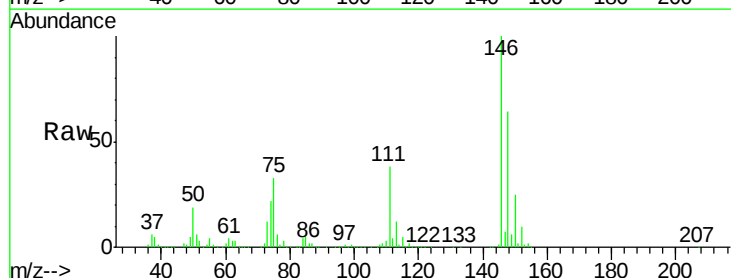
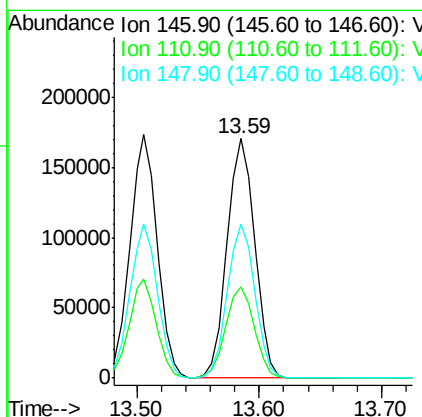
RT: 13.59 min Scan# 1968

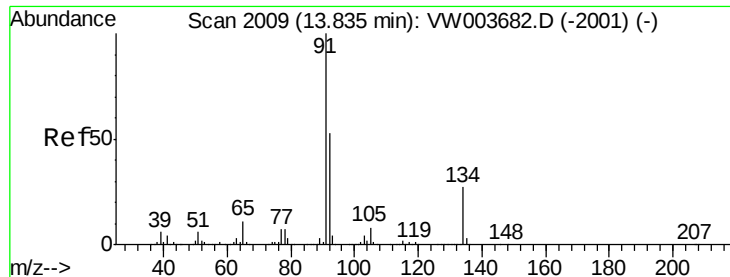
Delta R.T. 0.00 min

Lab File: VW003709.D

Acq: 03 Jul 2018 19:44

Tgt Ion:	146	Resp:	267191
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.3	57.9
148	63.6	32.3	96.9





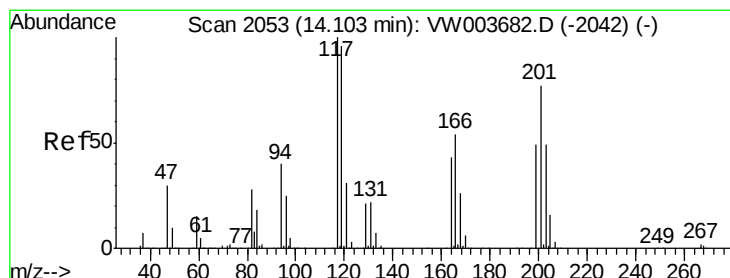
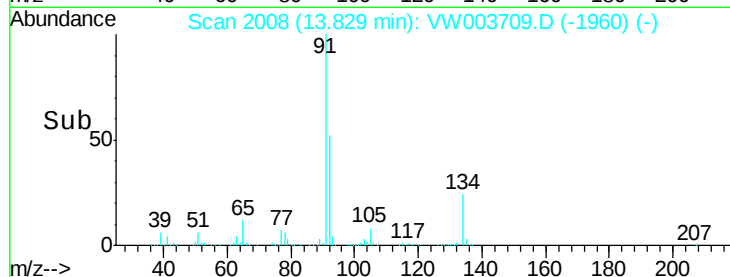
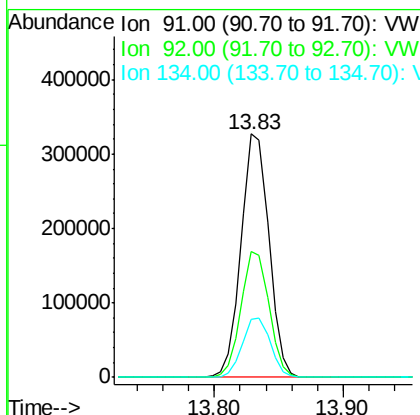
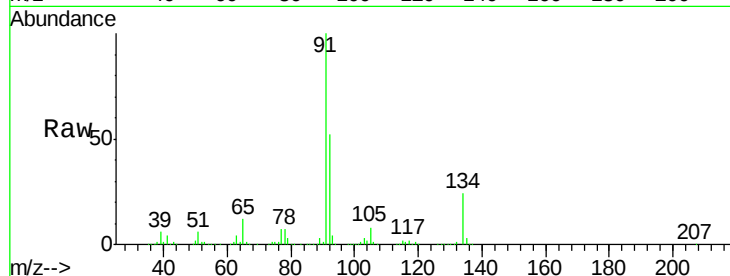
#89
n-Butylbenzene
Concen: 49.404 ug/l
RT: 13.83 min Scan# 2008
Delta R.T. -0.01 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.4	79.2
134	24.7	12.7	38.1

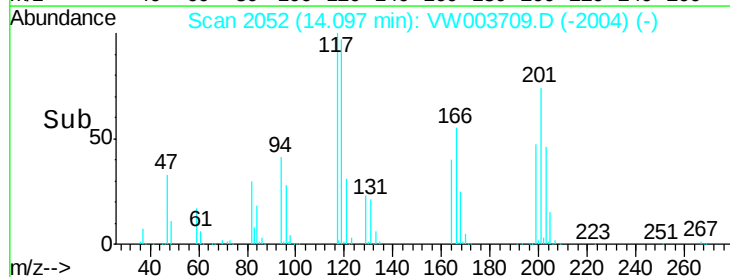
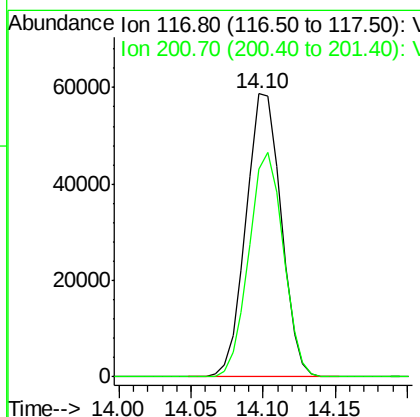
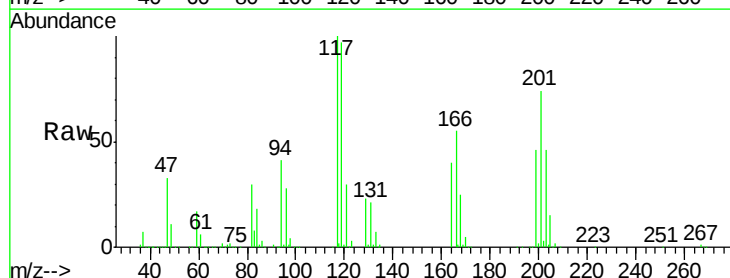
Manual Integrations
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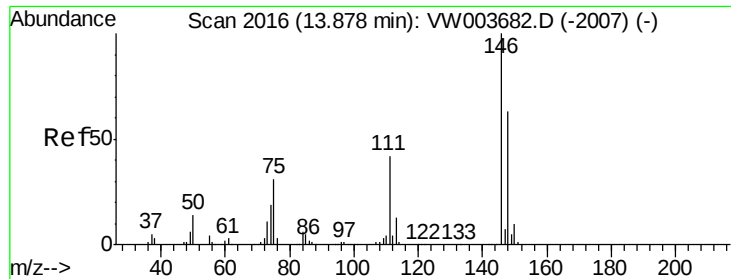
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#90
Hexachloroethane
Concen: 53.416 ug/l
RT: 14.10 min Scan# 2052
Delta R.T. -0.01 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.9	39.1	117.2





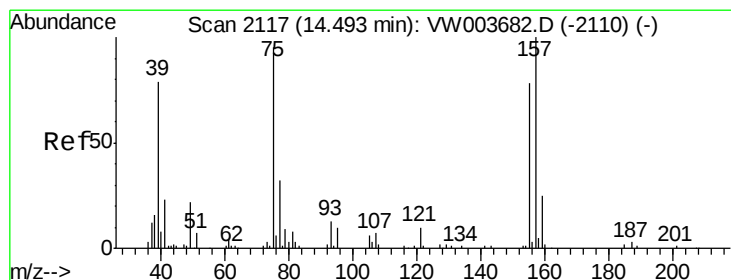
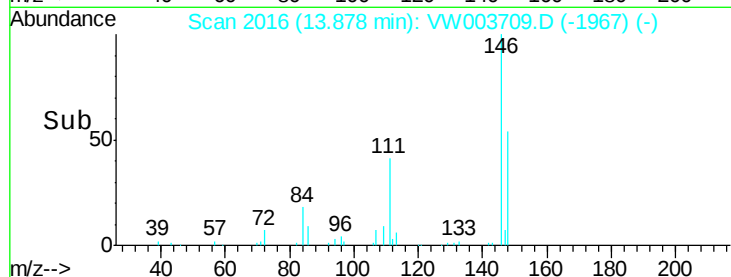
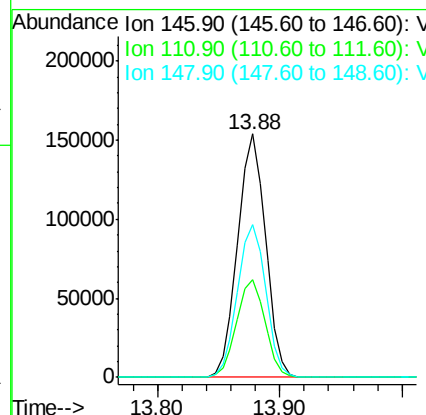
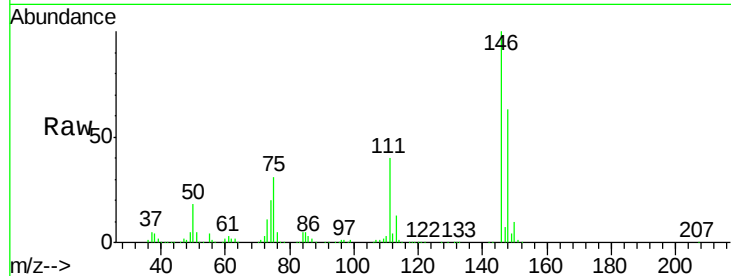
#91
 1,2-Dichlorobenzene
 Concen: 51.895 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Instrument :
 MSVOA_W
 ClientSampled :
 GF-G-9MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.9
148	63.8	31.9	95.7

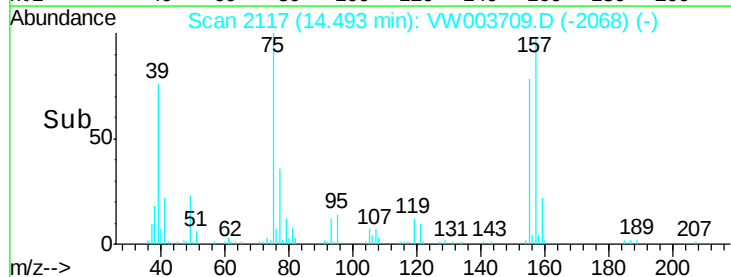
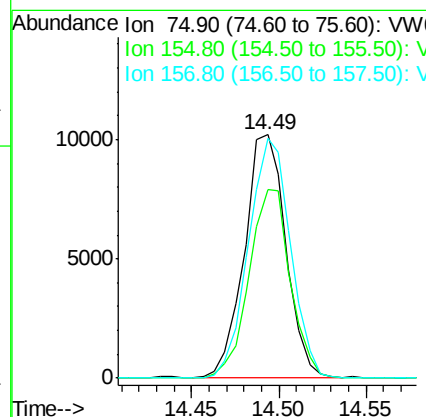
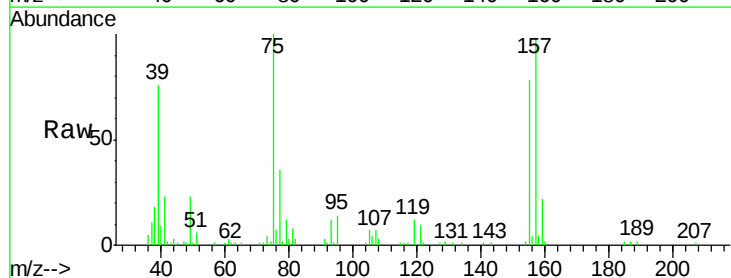
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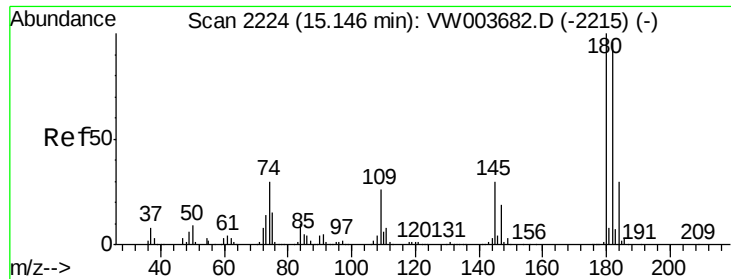
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.120 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.1	40.2	120.6
157	99.9	50.7	152.3





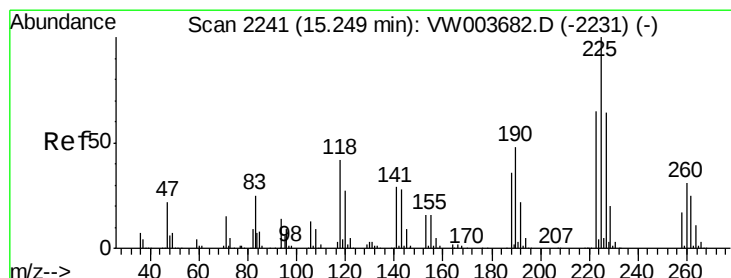
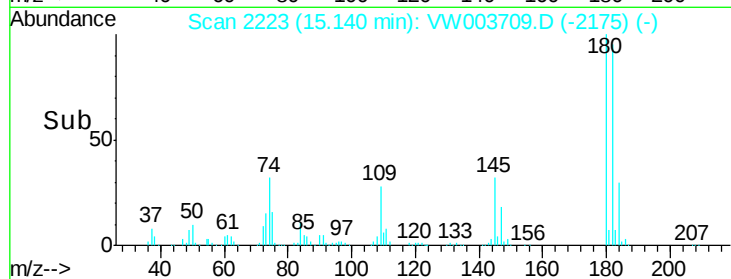
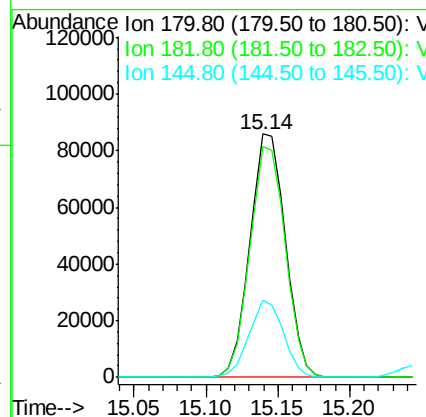
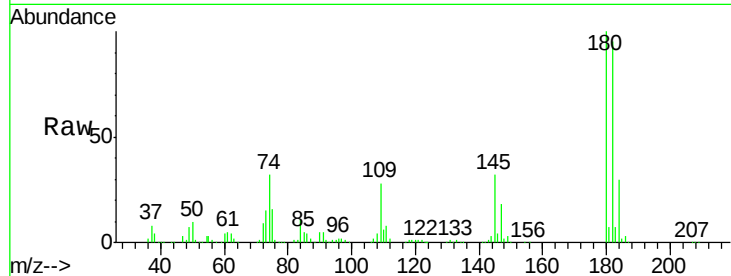
#93
 1,2,4-Trichlorobenzene
 Concen: 44.190 ug/l
 RT: 15.14 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Instrument :
 MSVOA_W
 ClientSampleId :
 GF-G-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	146110		
182	95.1	47.6	142.8	
145	30.8	14.9	44.5	

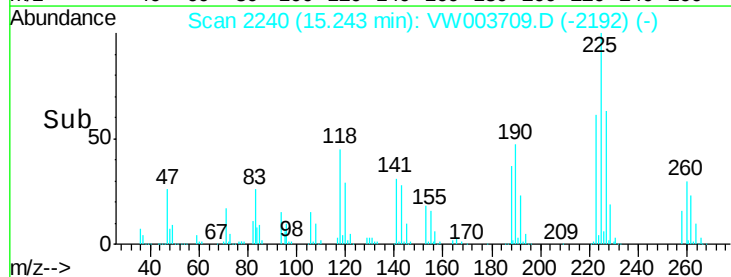
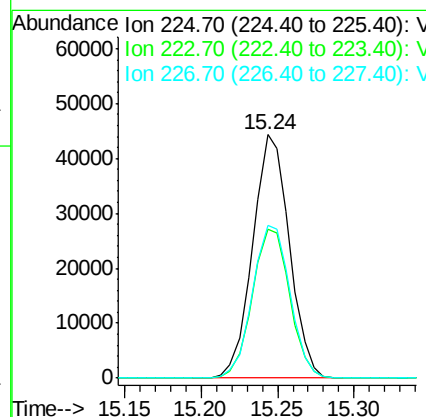
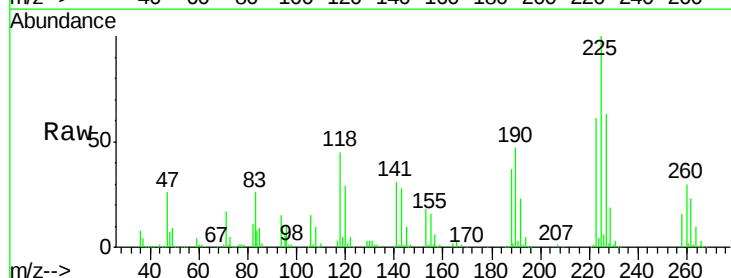
Manual Integrations
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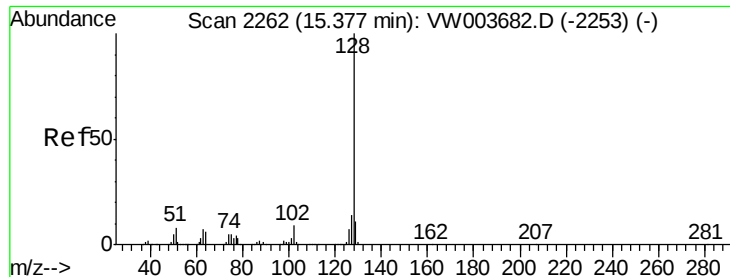
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#94
 Hexachlorobutadiene
 Concen: 38.735 ug/l
 RT: 15.24 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: VW003709.D
 Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73970		
223	62.5	32.0	96.2	
227	64.4	31.9	95.7	





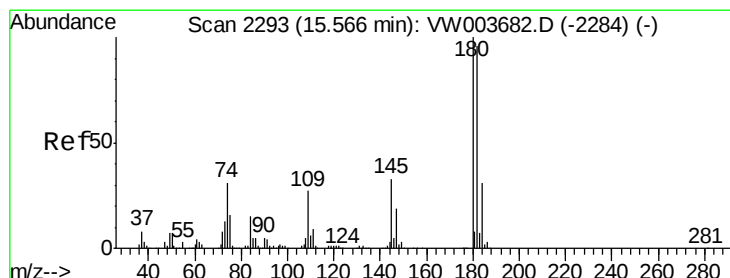
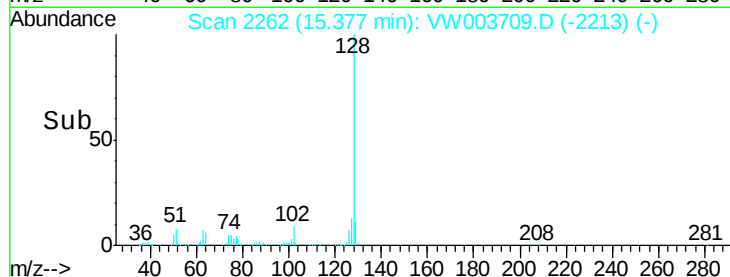
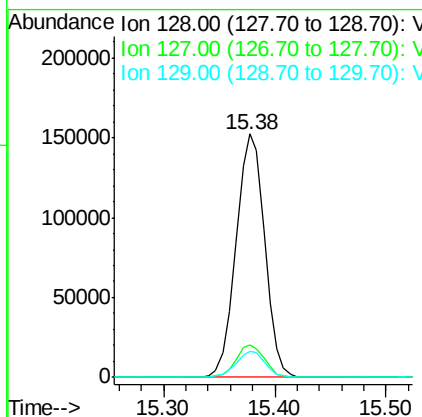
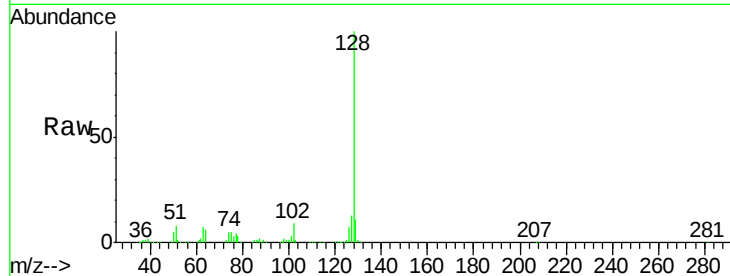
#95
Naphthalene
Concen: 44.996 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Instrument :
MSVOA_W
ClientSampleId :
GF-G-9MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	269828		
127	13.3		10.6	15.8
129	10.8		8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 45.104 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003709.D
Acq: 03 Jul 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	132846		
182	94.2		47.8	143.3
145	31.2		15.9	47.7

