

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\
 Data File : VW003685.D
 Acq On : 02 Jul 2018 19:08
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 7/3/2018 10:16:46 AM

Quant Time: Jul 03 02:54:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 02:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	258524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	407275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	192579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	471153	164.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	329.70%	
35) Dibromofluoromethane	7.88	113	411192	159.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	319.82%	
50) Toluene-d8	10.33	98	1643931	161.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	323.12%	
62) 4-Bromofluorobenzene	12.62	95	590453	163.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	326.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	225882	260.61	ug/l	99
3) Chloromethane	2.21	50	304860	151.33	ug/l	99
4) Vinyl Chloride	2.36	62	420144	144.23	ug/l	99
5) Bromomethane	2.77	94	282656	146.93	ug/l	96
6) Chloroethane	2.91	64	265851	134.17	ug/l	99
7) Trichlorofluoromethane	3.24	101	209600	123.52	ug/l	96
8) Diethyl Ether	3.67	74	209614	162.46	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	374014	153.96	ug/l	100
10) Methyl Iodide	4.26	142	576428	157.28	ug/l	99
11) Tert butyl alcohol	5.21	59	150059	966.73	ug/l	100
12) 1,1-Dichloroethene	4.03	96	378646	158.40	ug/l	97
13) Acrolein	3.89	56	41122	216.14	ug/l	100
14) Allyl chloride	4.65	41	675065	163.97	ug/l	98
15) Acrylonitrile	5.37	53	518546	959.02	ug/l	100
16) Acetone	4.13	43	515224	847.09	ug/l	99
17) Carbon Disulfide	4.37	76	1210288	169.25	ug/l	100
18) Methyl Acetate	4.67	43	244573	172.97	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	776055	173.14	ug/l	99
20) Methylene Chloride	4.91	84	400484	135.53	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	425919	163.25	ug/l	99
22) Diisopropyl ether	6.31	45	1355874	163.08	ug/l	98
23) Vinyl Acetate	6.26	43	4566236	939.77	ug/l	100
24) 1,1-Dichloroethane	6.21	63	789718	160.02	ug/l	99
25) 2-Butanone	7.18	43	754920	990.17	ug/l	100
26) 2,2-Dichloropropane	7.17	77	438096	135.46	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	463316	163.20	ug/l	98
28) Bromochloromethane	7.51	49	336088	164.04	ug/l	100
29) Tetrahydrofuran	7.53	42	479034	1024.21	ug/l	100
30) Chloroform	7.68	83	783150	156.36	ug/l	96
31) Cyclohexane	7.95	56	721049	155.89	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	614789	149.99	ug/l	99
36) 1,1-Dichloropropene	8.08	75	639399	159.59	ug/l	100
37) Ethyl Acetate	7.26	43	331761	195.33	ug/l	99
38) Carbon Tetrachloride	8.07	117	606285	155.58	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	782389	168.27	ug/l	99
40) Benzene	8.32	78	1780898	161.19	ug/l	99
41) Methacrylonitrile	7.49	41	195601	190.10	ug/l	98
42) 1,2-Dichloroethane	8.40	62	549579	158.96	ug/l	99
43) Isopropyl Acetate	8.43	43	635980	190.69	ug/l	98
44) Trichloroethene	9.09	130	459971	158.50	ug/l	100
45) 1,2-Dichloropropane	9.37	63	458144	162.91	ug/l	99
46) Dibromomethane	9.46	93	240534	166.37	ug/l	100
47) Bromodichloromethane	9.65	83	596388	161.83	ug/l	100
48) Methyl methacrylate	9.44	41	312502	198.74	ug/l	99
49) 1,4-Dioxane	9.47	88	80319	3671.83	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	1667416	974.74	ug/l	99
52) Toluene	10.39	92	1122430	158.73	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	651616	172.64	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	731976	170.15	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	335647	164.83	ug/l	99
56) Ethyl methacrylate	10.65	69	487877	195.99	ug/l	99
57) 1,3-Dichloropropane	10.93	76	595619	169.22	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	924612	842.49	ug/l	99
59) 2-Hexanone	10.98	43	1191928	995.34	ug/l	100
60) Dibromochloromethane	11.13	129	408172	169.56	ug/l	99
61) 1,2-Dibromoethane	11.24	107	332865	172.76	ug/l	100
64) Tetrachloroethene	10.87	164	404617	159.51	ug/l	97
65) Chlorobenzene	11.66	112	1223038	154.79	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	435114	156.95	ug/l	99
67) Ethyl Benzene	11.74	91	2239223	159.74	ug/l	99
68) m/p-Xylenes	11.85	106	1679165	315.07	ug/l	100
69) o-Xylene	12.17	106	801026	162.75	ug/l	98
70) Styrene	12.19	104	1352090	164.23	ug/l	99
71) Bromoform	12.35	173	252573	174.53	ug/l	99
73) Isopropylbenzene	12.47	105	2172390	161.54	ug/l	100
74) N-amyl acetate	12.28	43	614914	196.28	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	409000	176.16	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	280179m	167.97	ug/l	
77) Bromobenzene	12.76	156	496306	157.78	ug/l	98
78) n-propylbenzene	12.81	91	2628637	159.17	ug/l	100
79) 2-Chlorotoluene	12.90	91	1478449	158.41	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1796153	158.97	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	142112	193.55	ug/l	97
82) 4-Chlorotoluene	12.99	91	1542317	155.86	ug/l	100
83) tert-Butylbenzene	13.21	119	1532050	159.28	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1843546	158.26	ug/l	100
85) sec-Butylbenzene	13.39	105	2215723	154.84	ug/l	100
86) p-Isopropyltoluene	13.51	119	1989364	157.97	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	981701	152.41	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	963144	150.31	ug/l	99
89) n-Butylbenzene	13.83	91	1944538	158.06	ug/l	100
90) Hexachloroethane	14.10	117	361068	158.26	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	875679	154.90	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	72930	186.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	637629	160.56	ug/l	99
94) Hexachlorobutadiene	15.25	225	354060	149.39	ug/l	99
95) Naphthalene	15.38	128	1279213	187.59	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	567073	161.88	ug/l	100

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

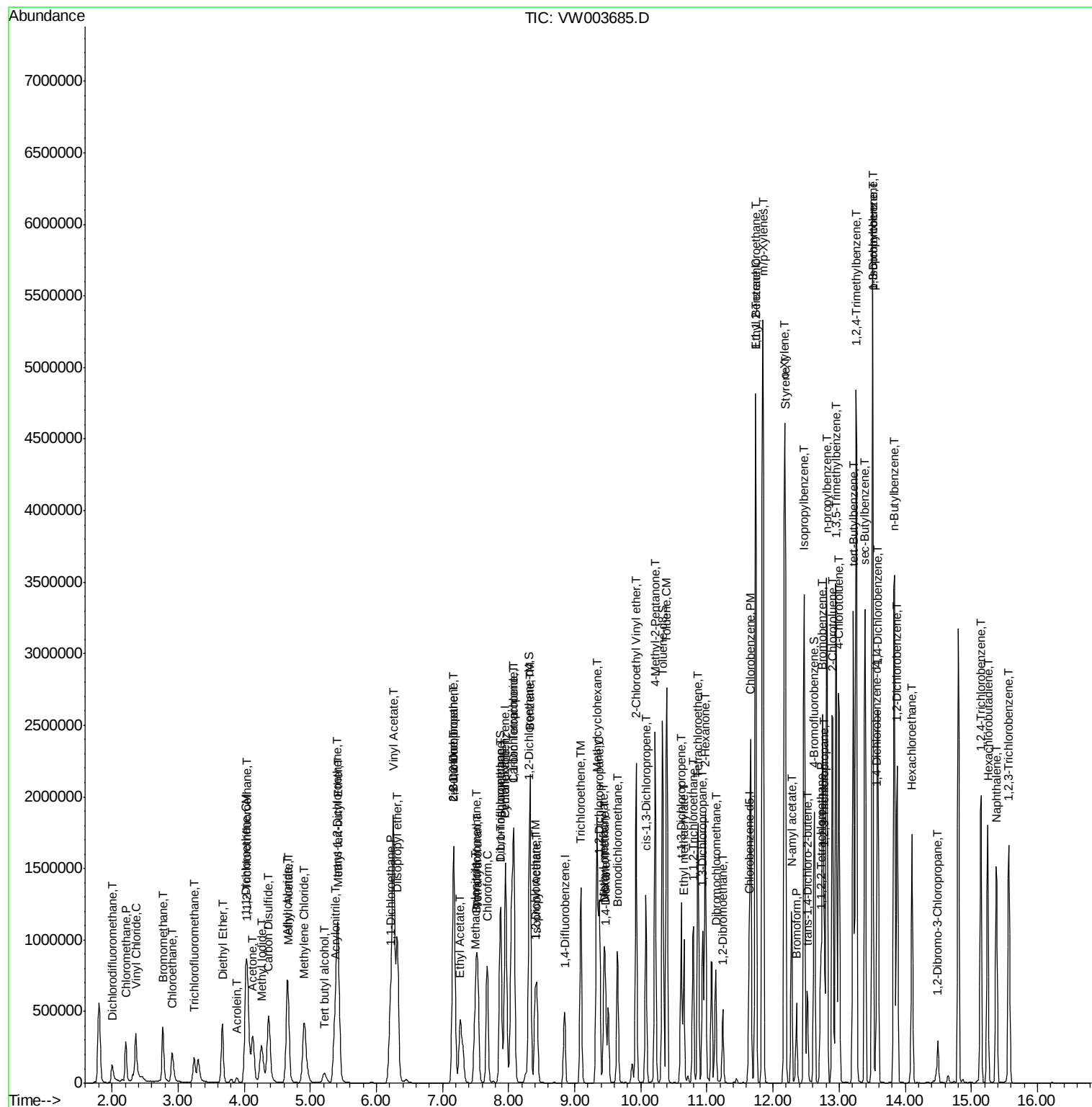
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\
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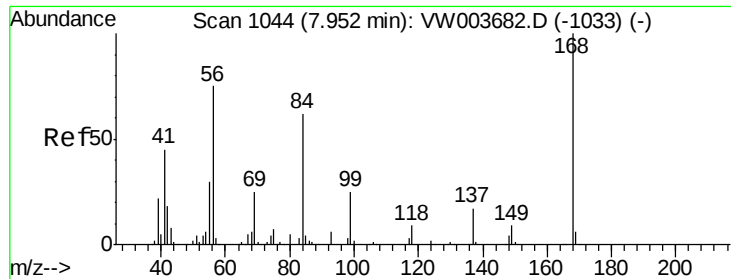
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion:168 Resp: 258524

Ion Ratio Lower Upper

168 100

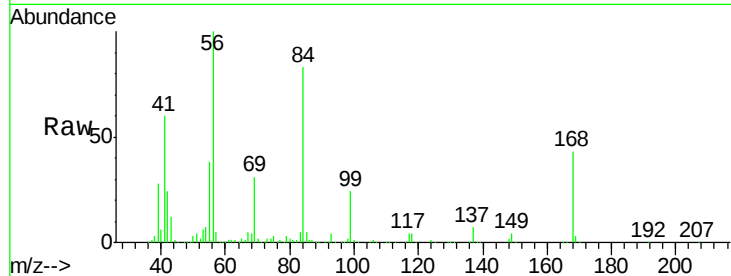
99 56.3 45.4 68.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

150000

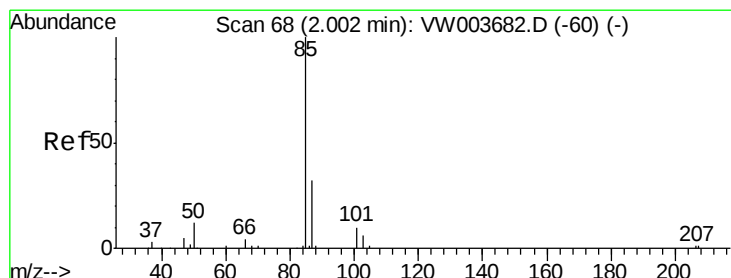
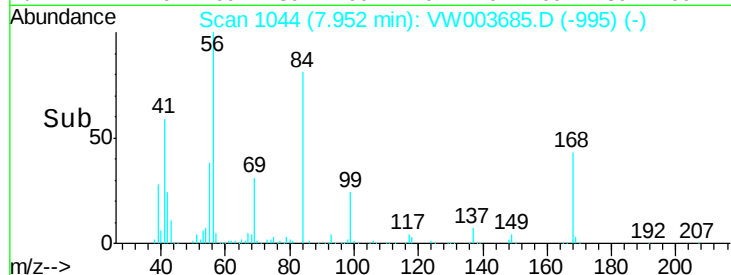
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50000

0

7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 260.61 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003685.D

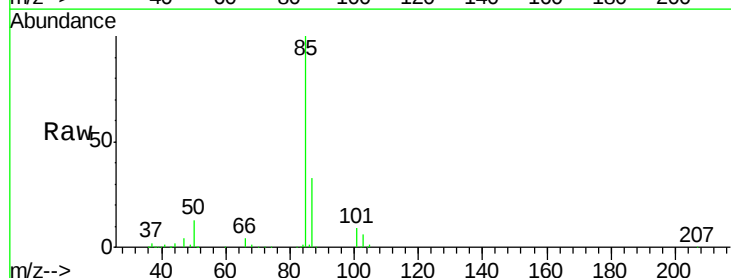
Acq: 02 Jul 2018 19:08

Tgt Ion: 85 Resp: 225882

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

80000

60000

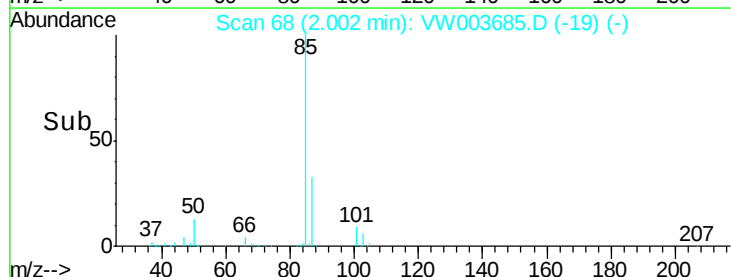
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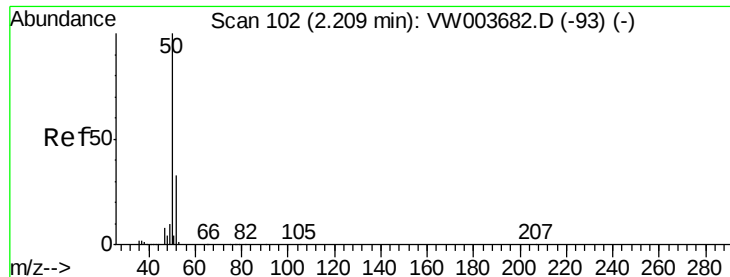
20000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 151.33 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 304860

Ion Ratio Lower Upper

50 100

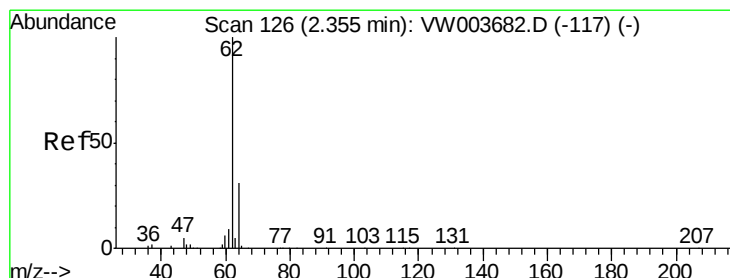
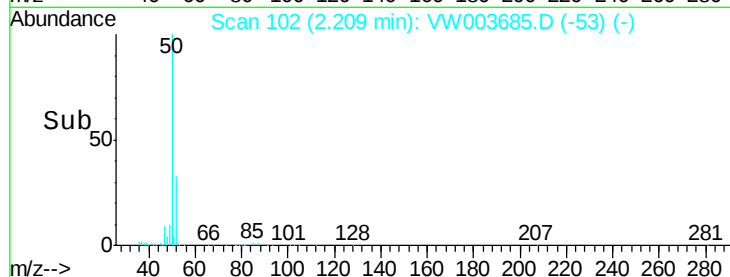
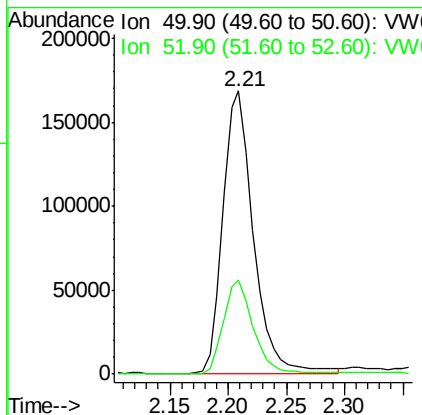
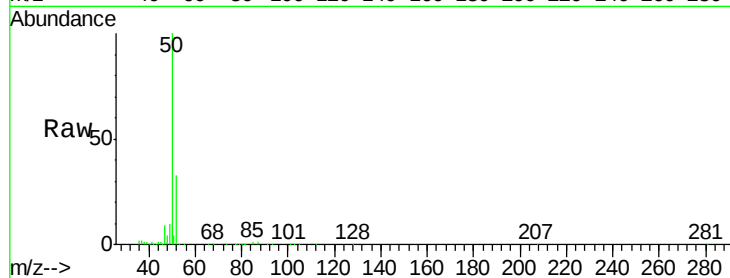
52 33.2 26.1 39.1

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#4

Vinyl Chloride

Concen: 144.23 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003685.D

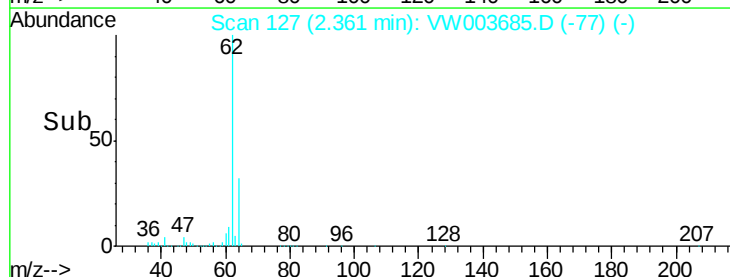
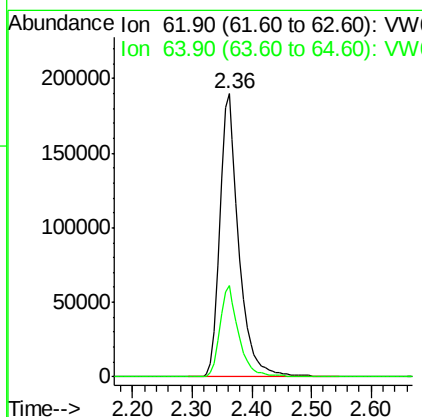
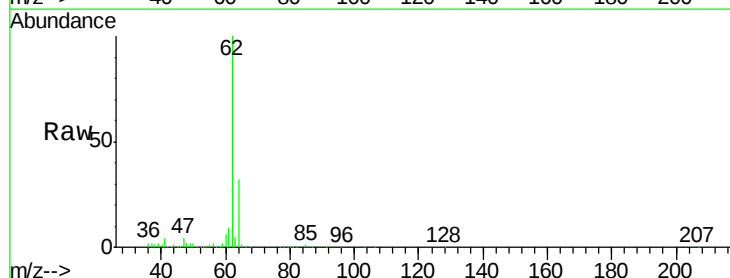
Acq: 02 Jul 2018 19:08

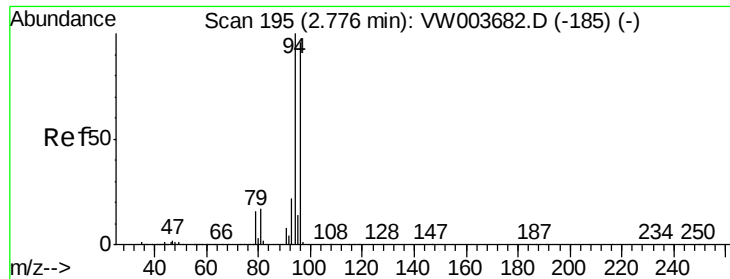
Tgt Ion: 62 Resp: 420144

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 146.93 ug/l

RT: 2.77 min Scan# 194

Delta R.T. -0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

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ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 282656

Ion Ratio Lower Upper

94 100

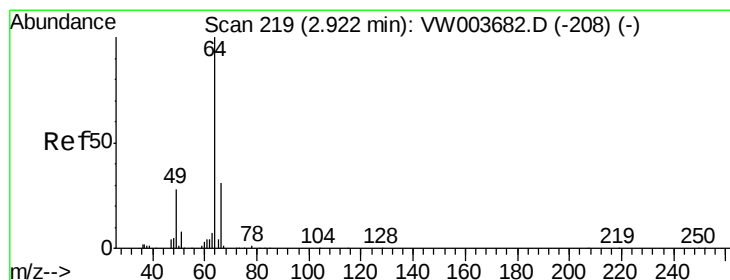
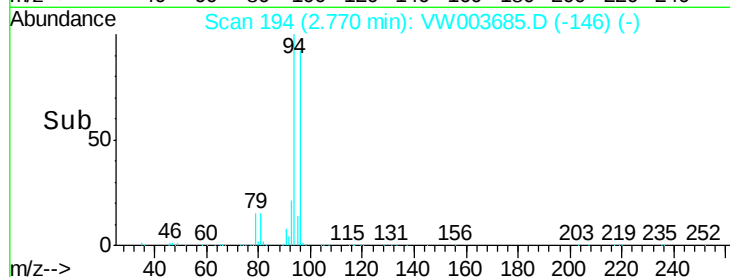
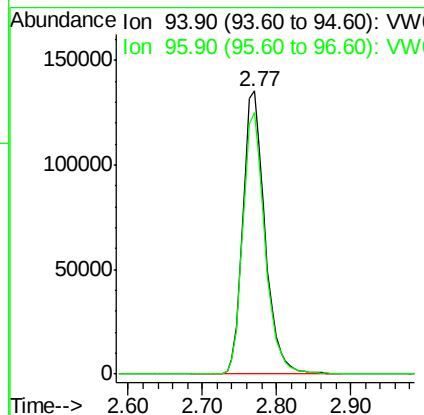
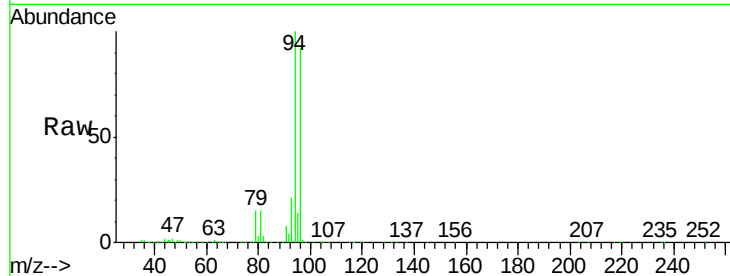
96 92.3 76.6 115.0

Manual Integrations

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#6

Chloroethane

Concen: 134.17 ug/l

RT: 2.91 min Scan# 217

Delta R.T. -0.01 min

Lab File: VW003685.D

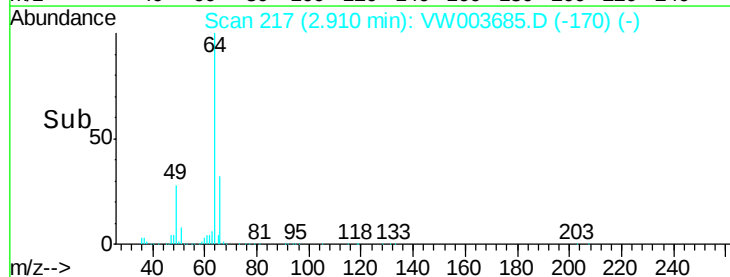
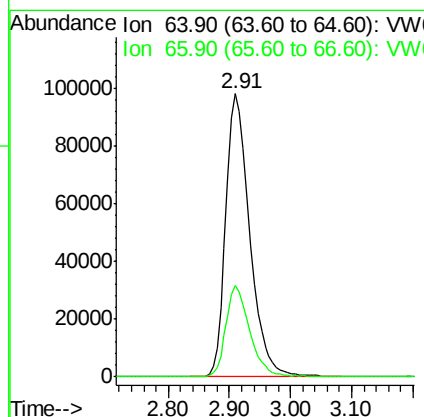
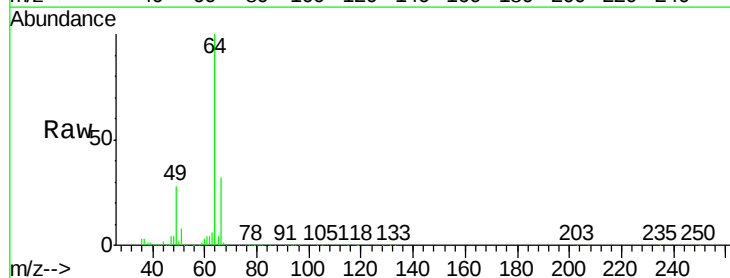
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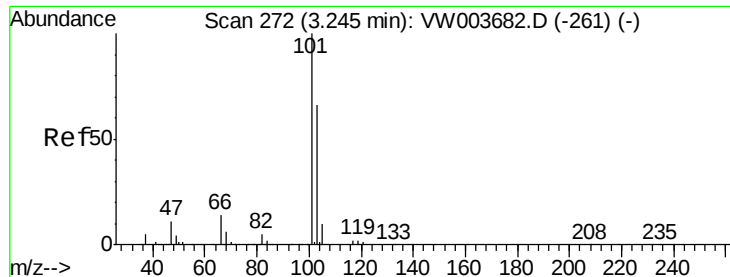
Tgt Ion: 64 Resp: 265851

Ion Ratio Lower Upper

64 100

66 32.1 25.0 37.6





#7

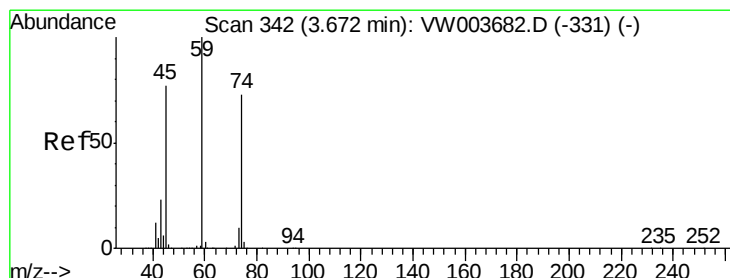
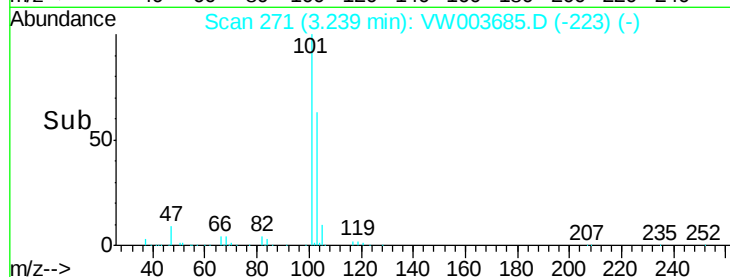
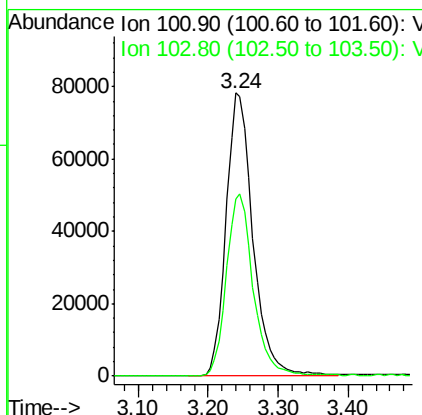
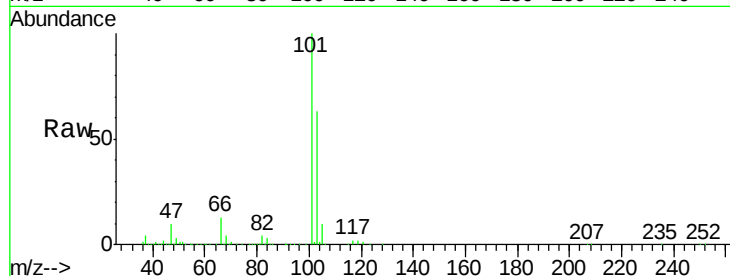
Trichlorofluoromethane
 Concen: 123.52 ug/l
 RT: 3.24 min Scan# 271
 Delta R.T. -0.01 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.9	79.3

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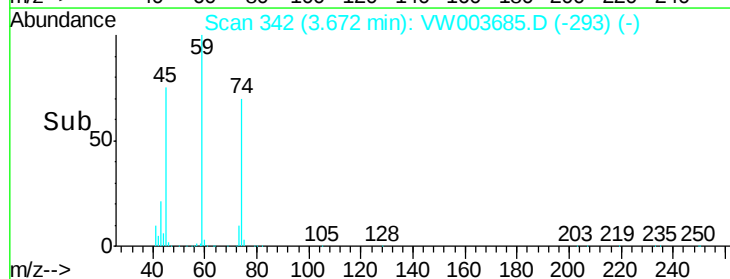
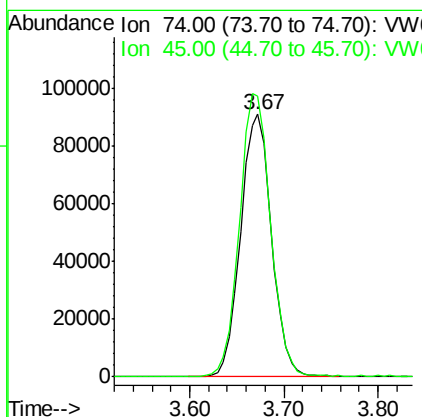
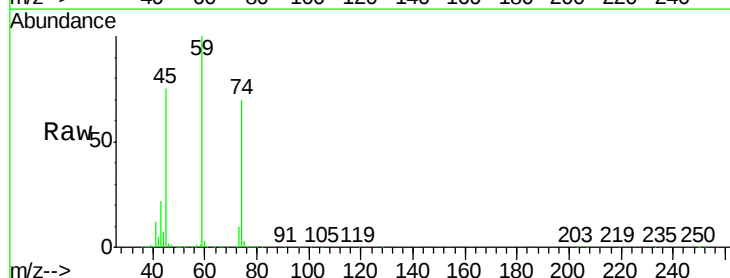
apatel
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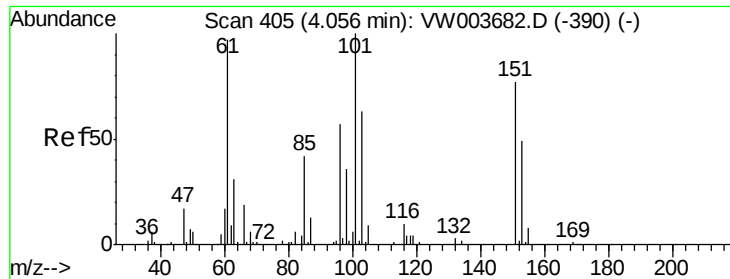


#8

Diethyl Ether
 Concen: 162.46 ug/l
 RT: 3.67 min Scan# 342
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.6	53.5	160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 153.96 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003685.D

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Instrument :

MSVOA_W

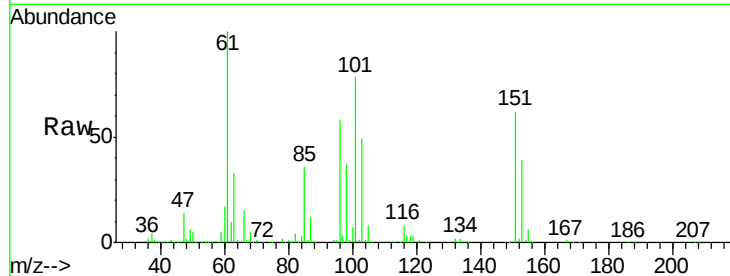
ClientSampled :

VSTDIC150

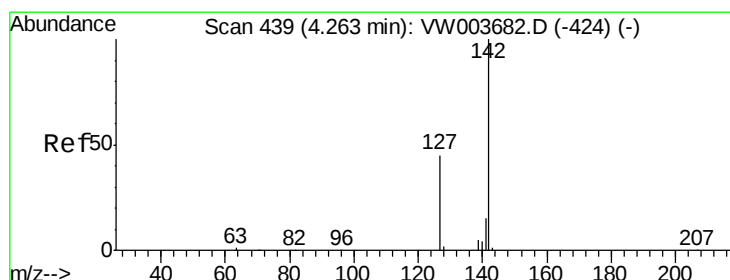
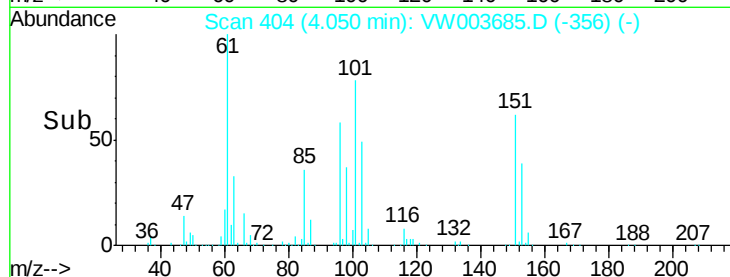
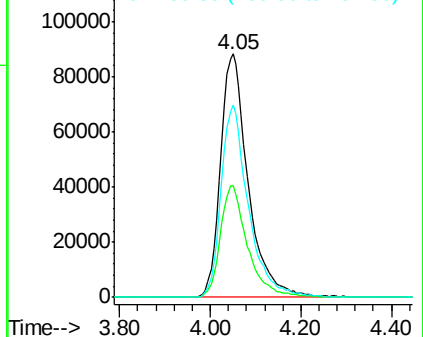
Tot Ion:	101	Resp:	374014
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.6	55.0
151	78.2	62.4	93.6

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 157.28 ug/l

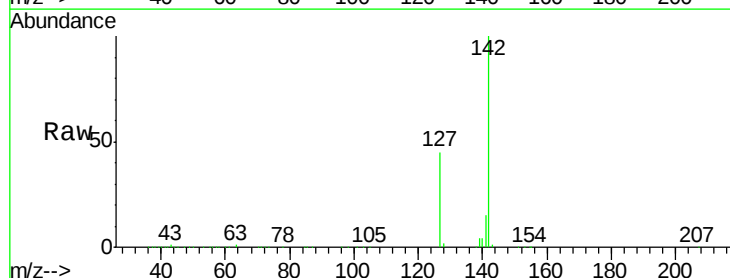
RT: 4.26 min Scan# 438

Delta R.T. -0.01 min

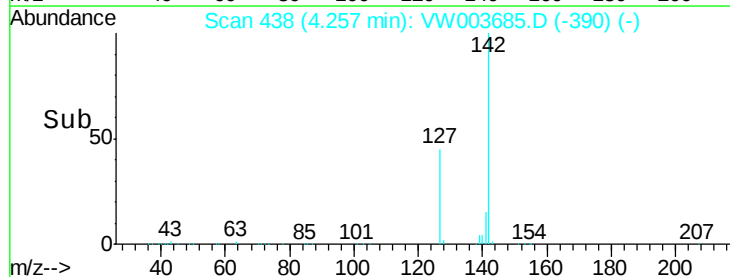
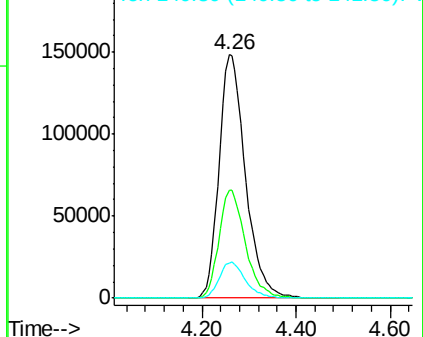
Lab File: VW003685.D

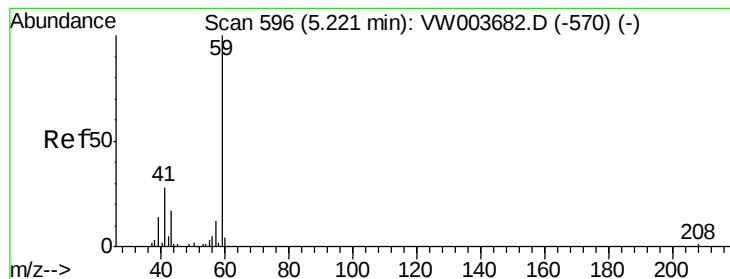
Acq: 02 Jul 2018 19:08

Tgt Ion:	142	Resp:	576428
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.0	54.0
141	14.6	11.9	17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

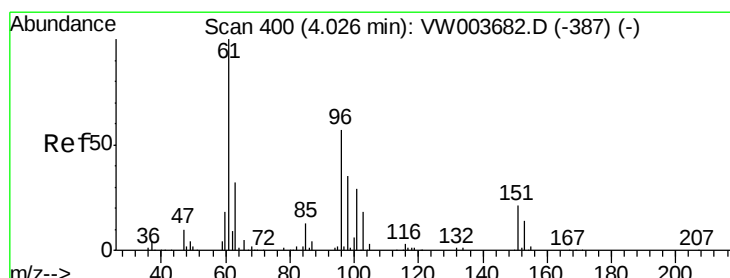
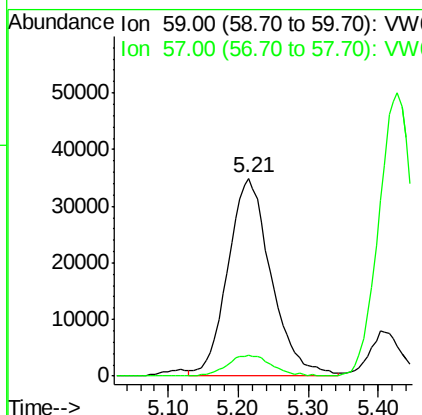
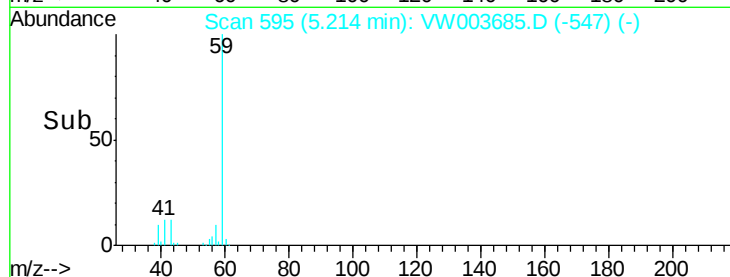
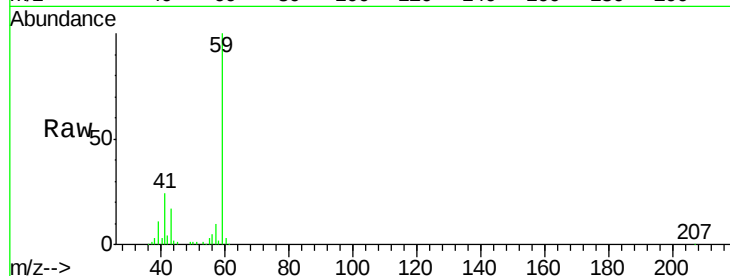
Tert butyl alcohol
Concen: 966.73 ug/l
RT: 5.21 min Scan# 595
Delta R.T. -0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	59	57	Ratio	100	11.0	Resp	150059	Lower	9.0	Upper	13.4
Ion	59	57	Ratio	100	11.0	Resp	150059	Lower	9.0	Upper	13.4

Manual Integrations
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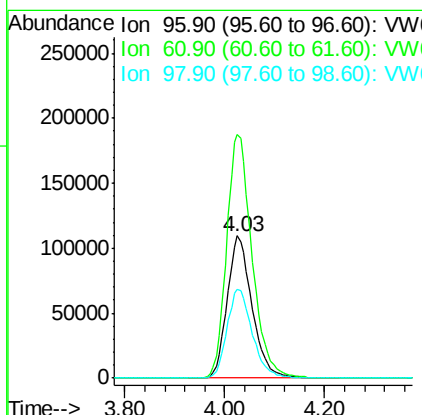
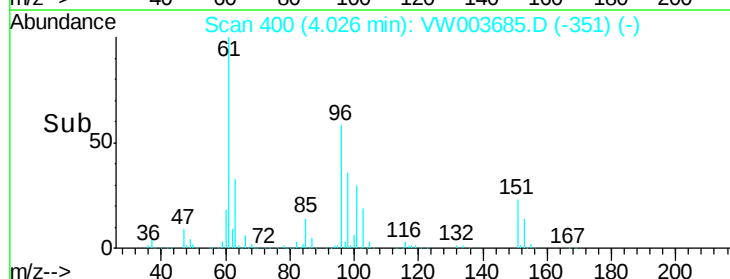
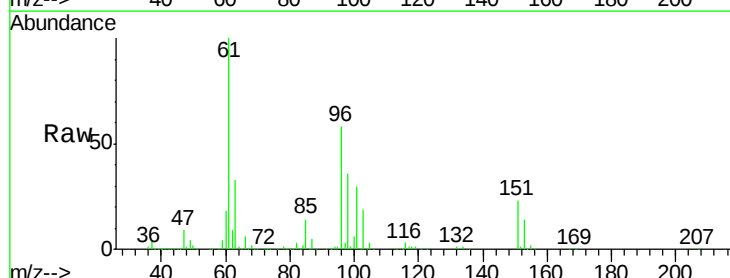
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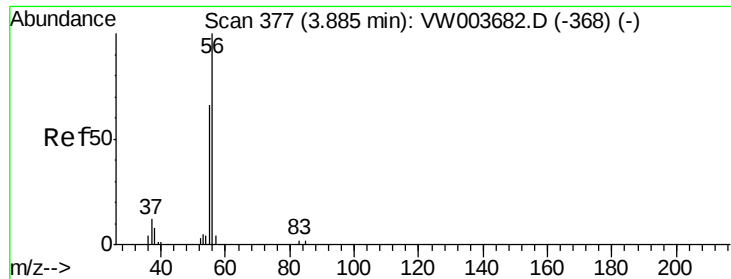


#12

1,1-Dichloroethene
Concen: 158.40 ug/l
RT: 4.03 min Scan# 400
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion	96	61	98	Ratio	100	171.4	62.4	Resp	378646	Lower	140.6	49.4	Upper	211.0	74.0
Ion	96	61	98	Ratio	100	171.4	62.4	Resp	378646	Lower	140.6	49.4	Upper	211.0	74.0





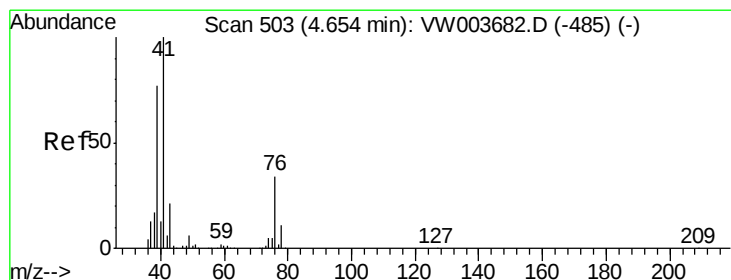
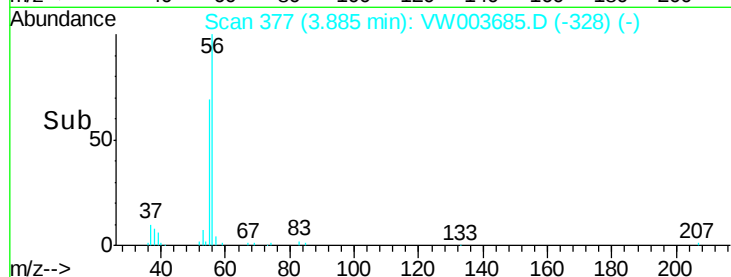
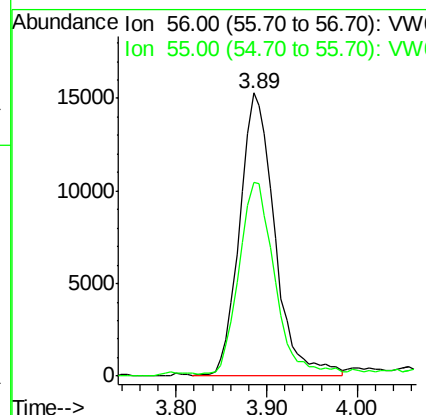
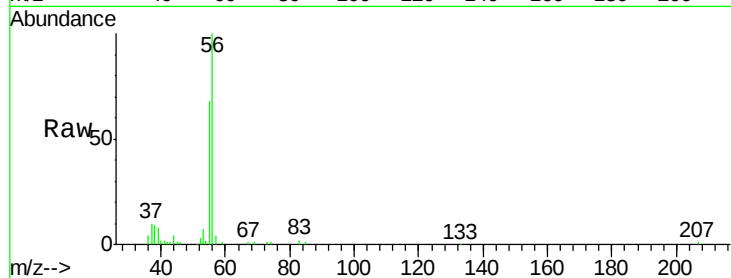
#13
 Acrolein
 Concen: 216.14 ug/l
 RT: 3.89 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	56	Resp	41122
Ion Ratio	100	Lower	Upper
56	100		
55	68.7	54.7	82.1

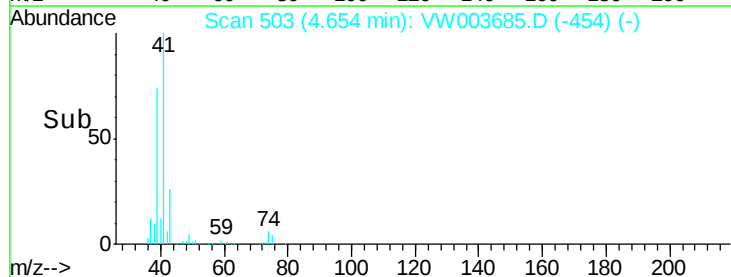
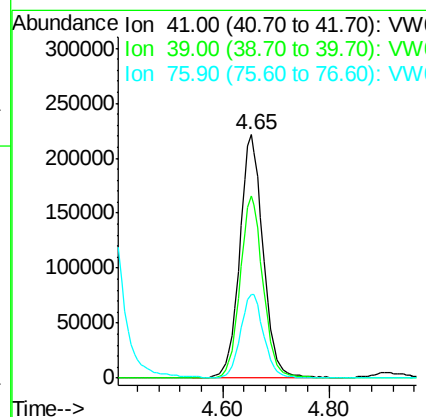
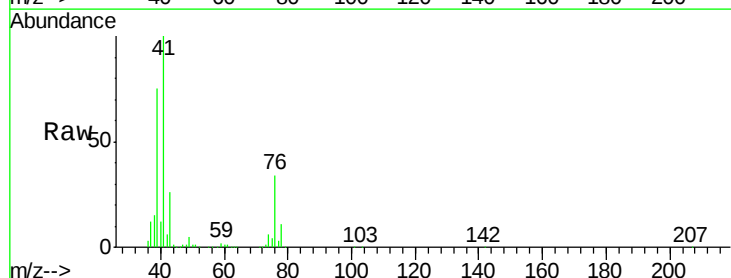
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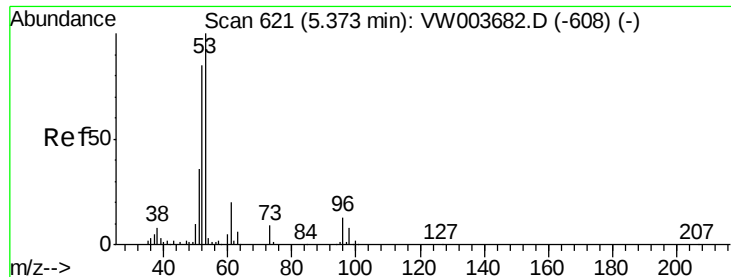
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#14
 Allyl chloride
 Concen: 163.97 ug/l
 RT: 4.65 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	41	Resp	675065
Ion Ratio	100	Lower	Upper
41	100		
39	73.1	60.1	90.1
76	33.6	27.2	40.8





#15

Acrylonitrile

Concen: 959.02 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

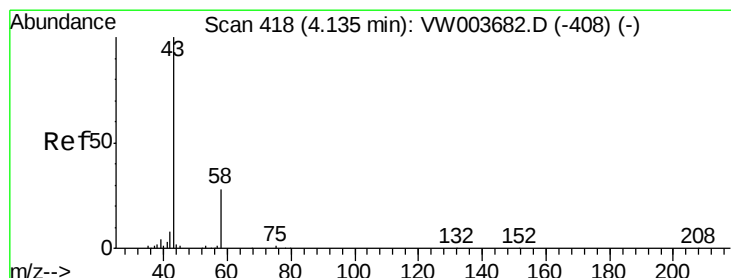
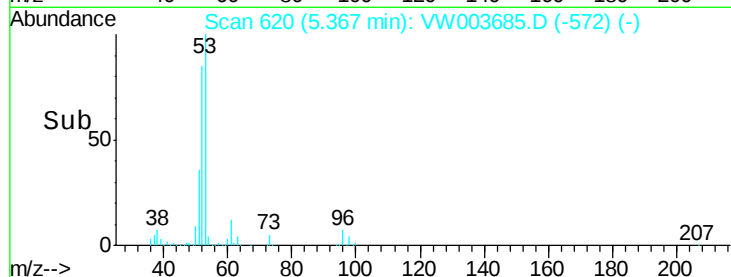
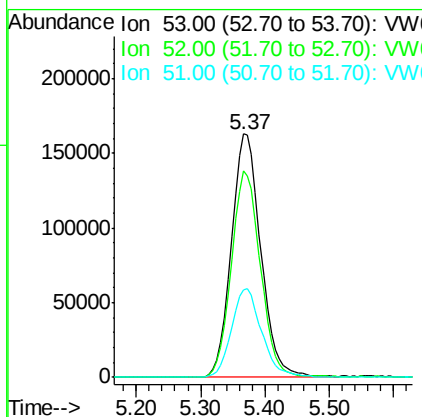
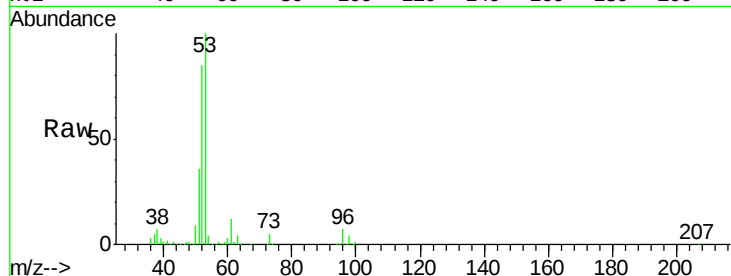
ClientSampled :

VSTDIC150

Tot Ion:	53	Resp:	518546
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.8	100.2
51	37.5	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 847.09 ug/l

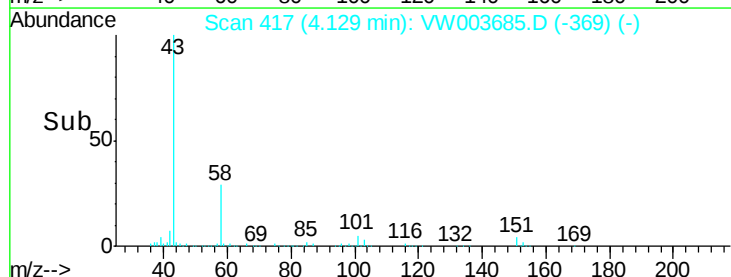
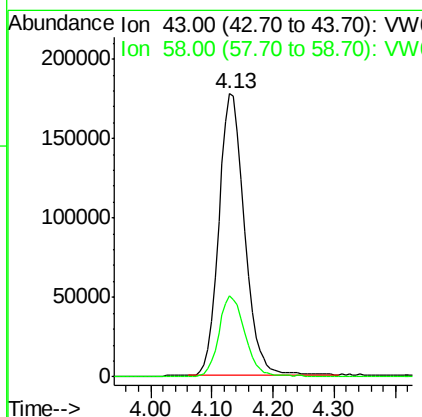
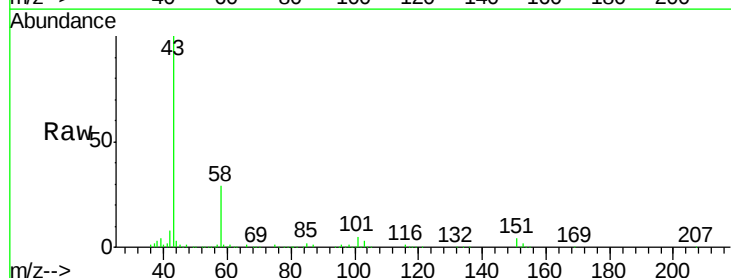
RT: 4.13 min Scan# 417

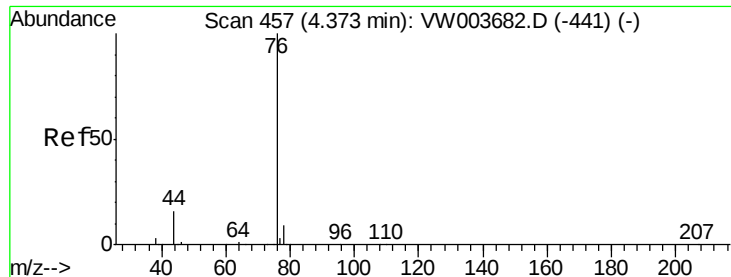
Delta R.T. -0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Tgt Ion:	43	Resp:	515224
Ion Ratio	Lower	Upper	
43	100		
58	28.7	22.7	34.1





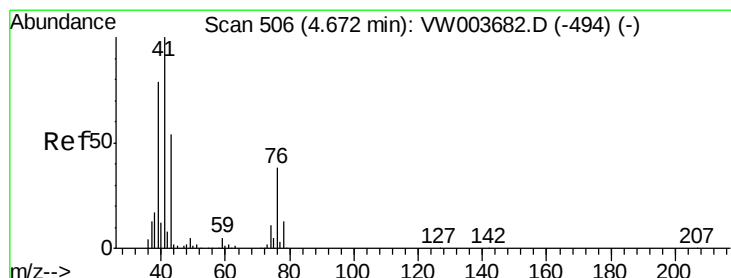
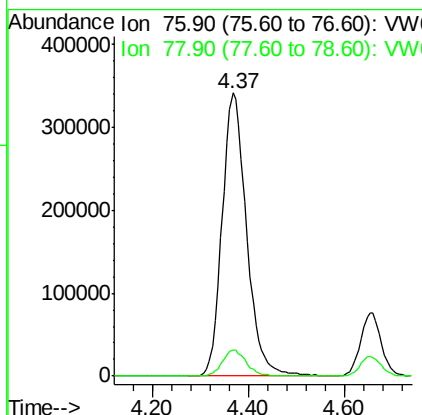
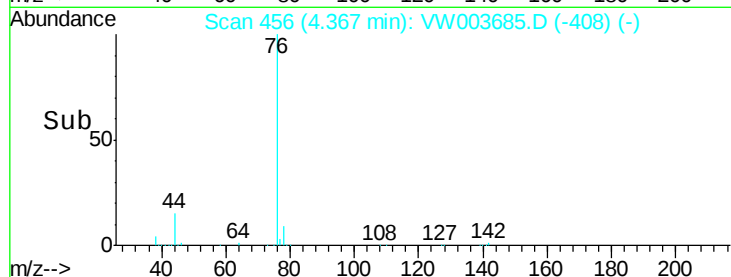
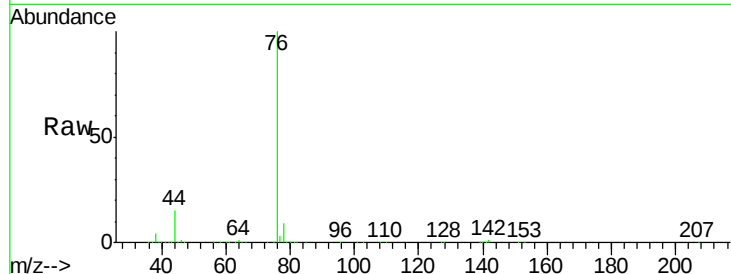
#17
Carbon Disulfide
Concen: 169.25 ug/l
RT: 4.37 min Scan# 456
Delta R.T. -0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1210288
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

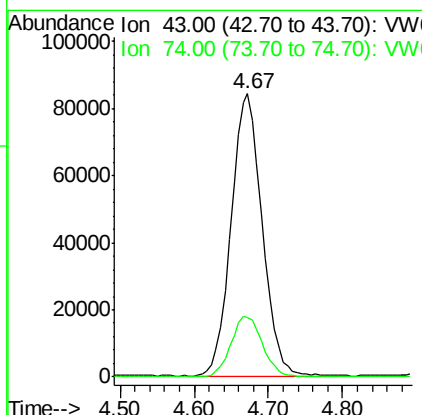
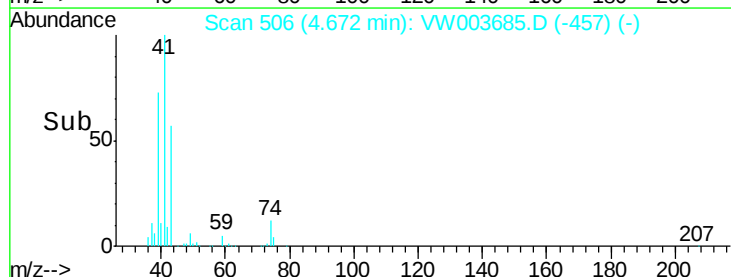
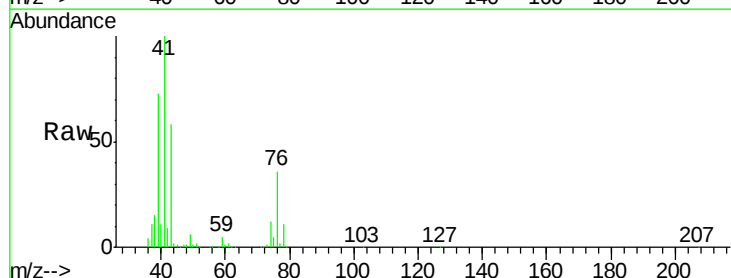
Manual Integrations
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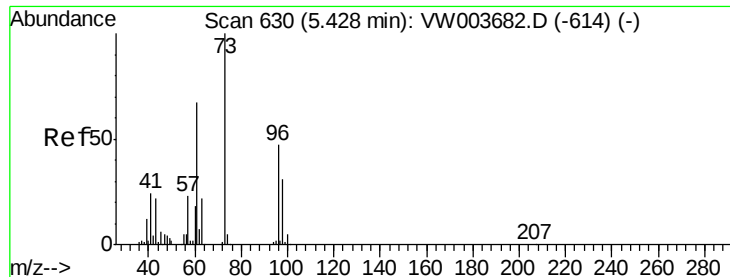
apatel
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#18
Methyl Acetate
Concen: 172.97 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 43 Resp: 244573
Ion Ratio Lower Upper
43 100
74 22.0 18.2 27.2





#19

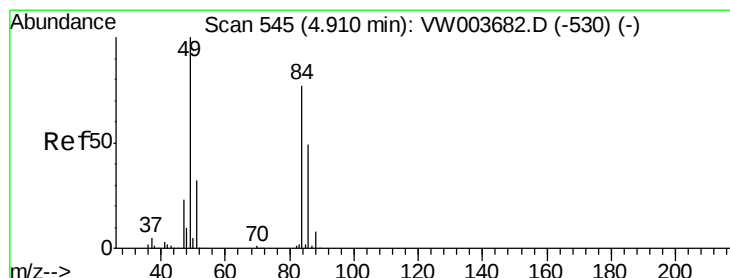
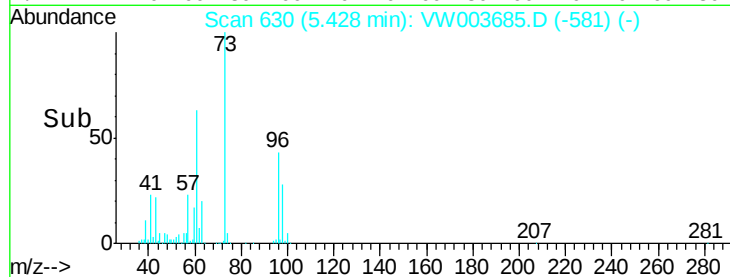
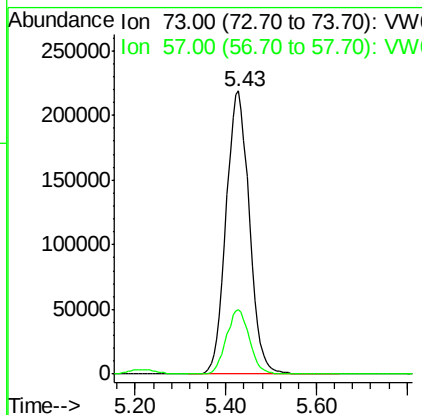
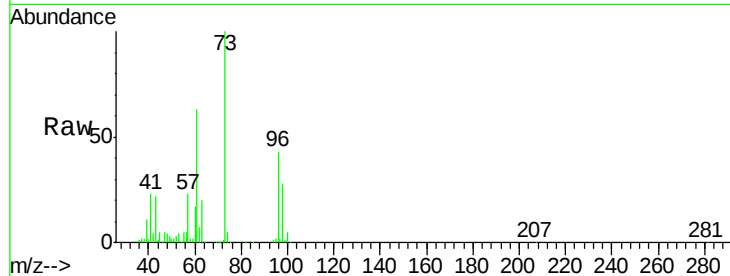
Methyl tert-butyl Ether
 Concen: 173.14 ug/l
 RT: 5.43 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	18.1	27.1

Manual Integrations
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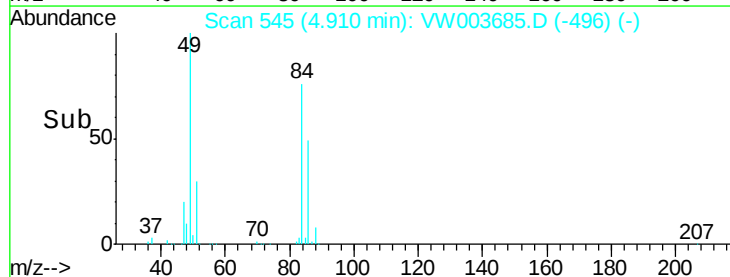
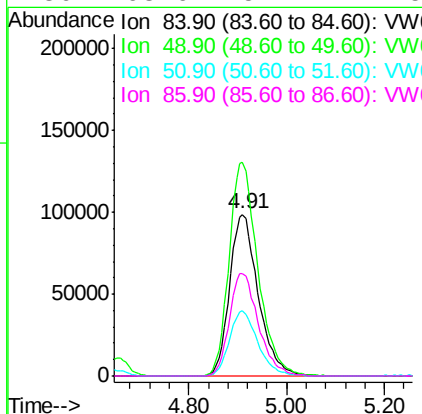
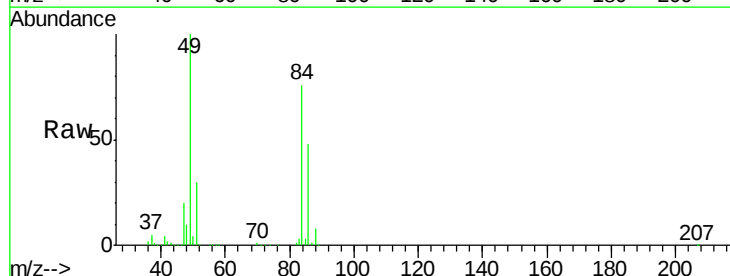
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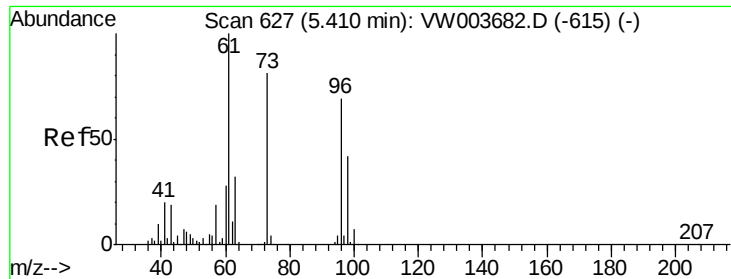


#20

Methylene Chloride
 Concen: 135.53 ug/l
 RT: 4.91 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	131.9	104.6	156.8
51	40.1	33.2	49.8
86	63.6	51.7	77.5





#21

trans-1,2-Dichloroethene

Concen: 163.25 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

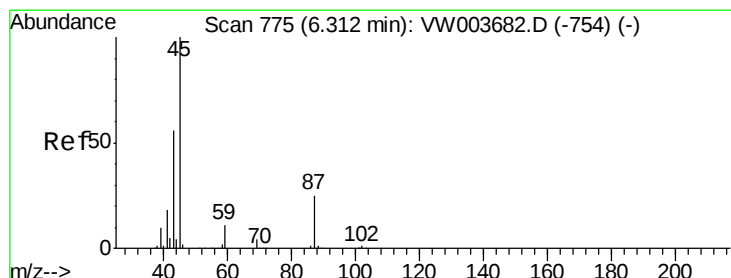
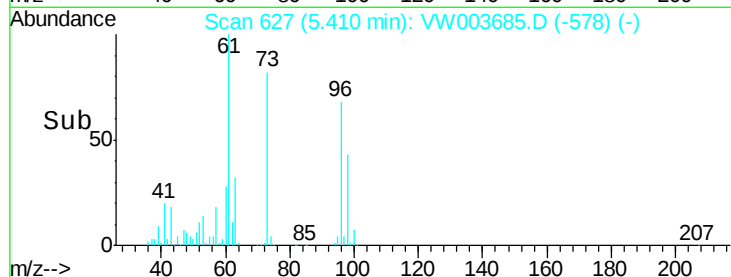
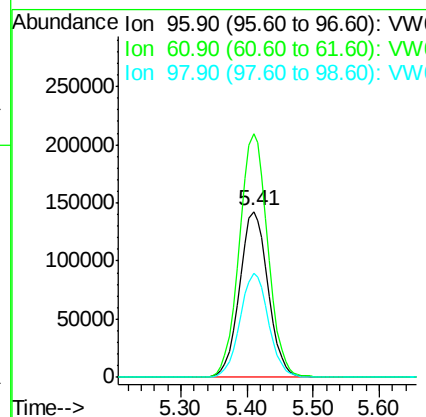
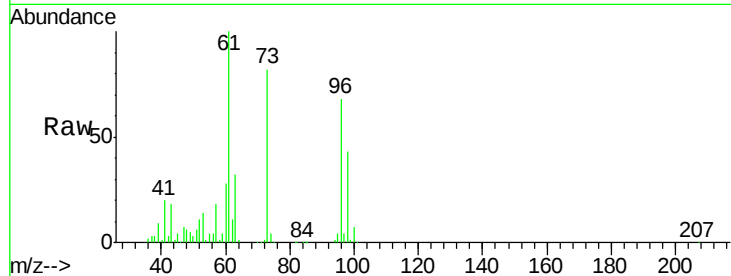
ClientSampled :

VSTDIC150

Tot Ion:	96	Resp:	425919
Ion	Ratio	Lower	Upper
96	100		
61	146.9	116.8	175.2
98	62.9	49.6	74.4

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#22

Diisopropyl ether

Concen: 163.08 ug/l

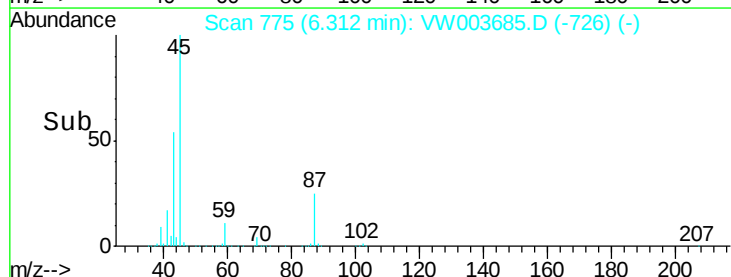
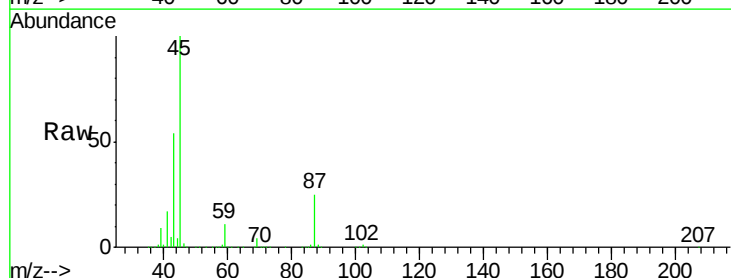
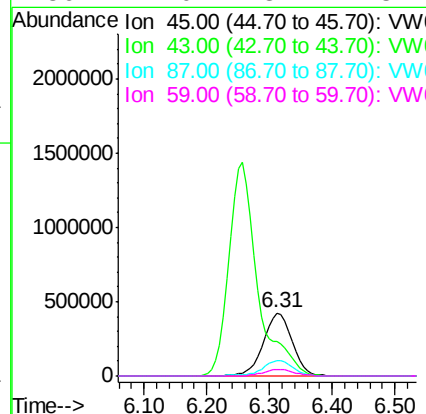
RT: 6.31 min Scan# 775

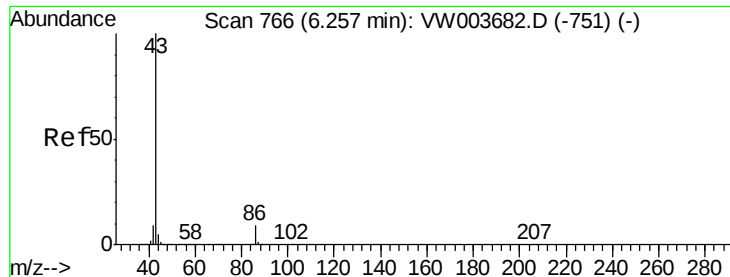
Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Tgt Ion:	45	Resp:	1355874
Ion	Ratio	Lower	Upper
45	100		
43	54.2	44.5	66.7
87	24.5	20.2	30.4
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 939.77 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4566236

Ion Ratio Lower Upper

43 100

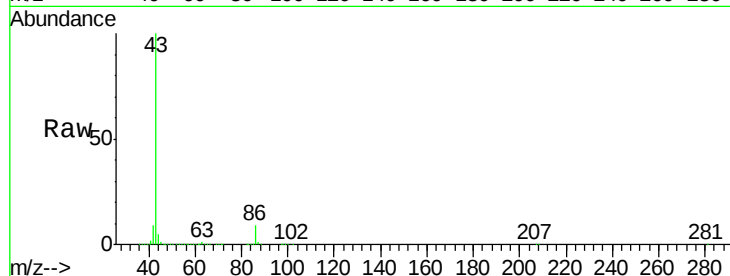
86 9.3 7.5 11.3

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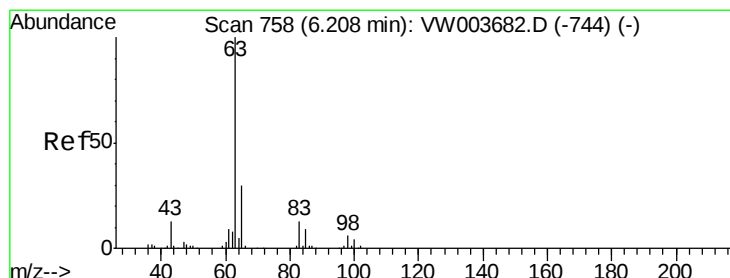
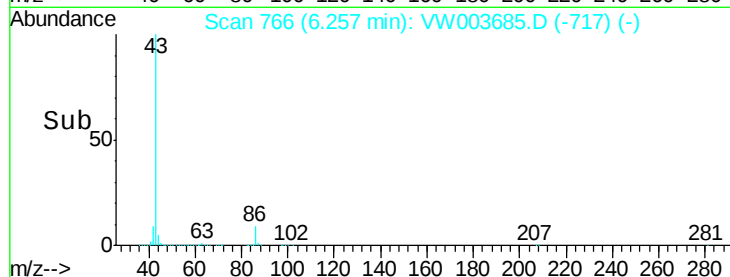
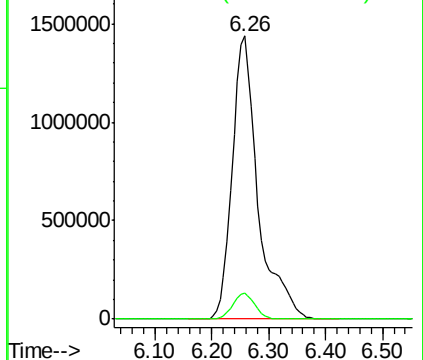
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 160.02 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

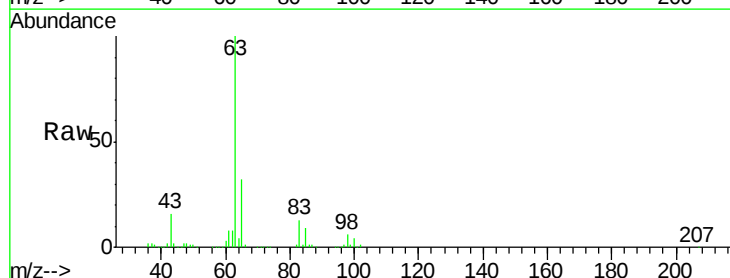
Tgt Ion: 63 Resp: 789718

Ion Ratio Lower Upper

63 100

98 6.4 2.9 8.6

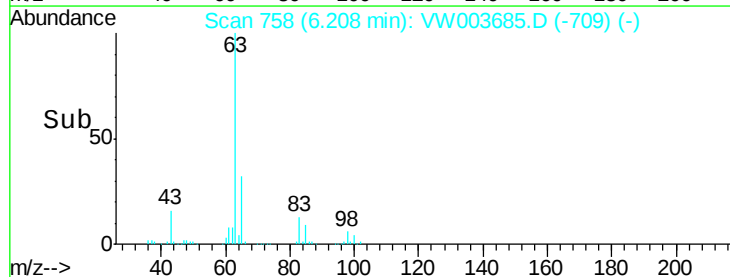
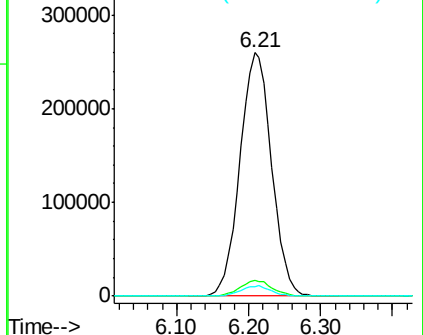
100 3.8 1.9 5.7

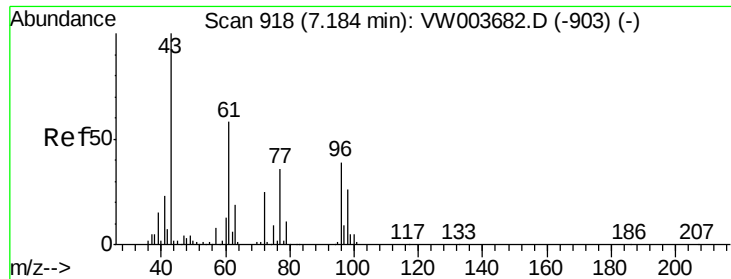


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 990.17 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 754920

Ion Ratio Lower Upper

43 100

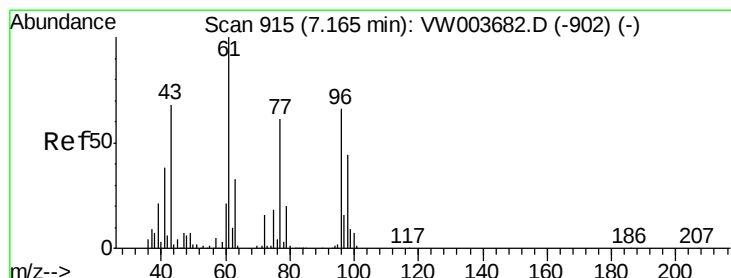
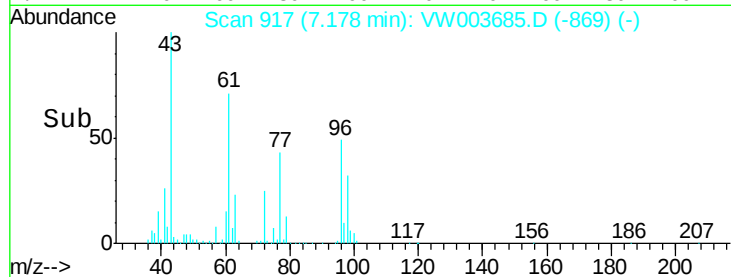
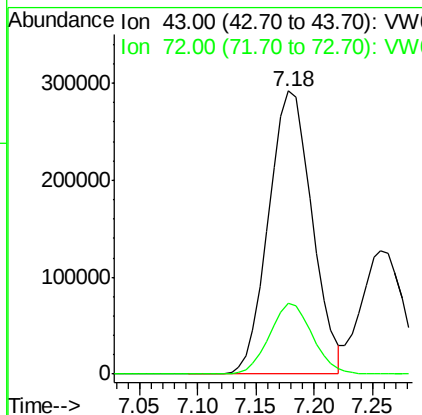
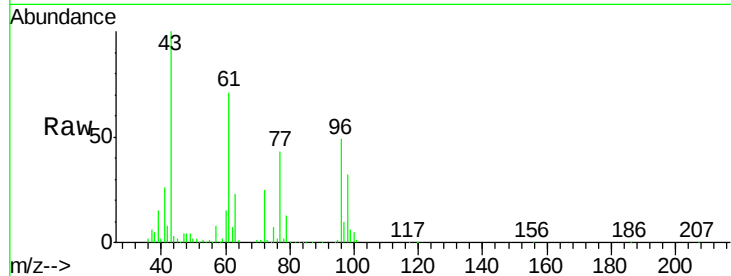
72 25.2 20.2 30.4

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#26

2,2-Dichloropropane

Concen: 135.46 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003685.D

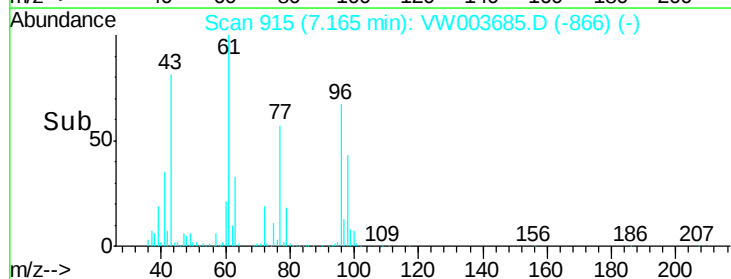
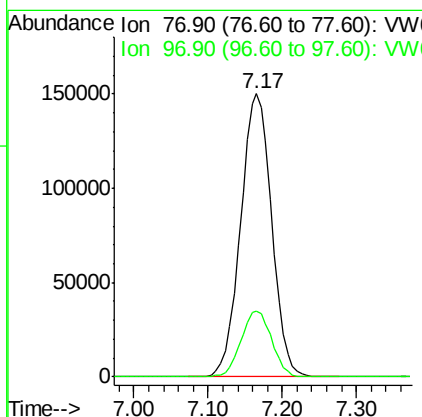
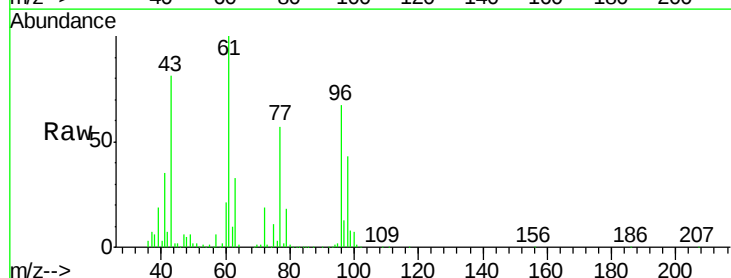
Acq: 02 Jul 2018 19:08

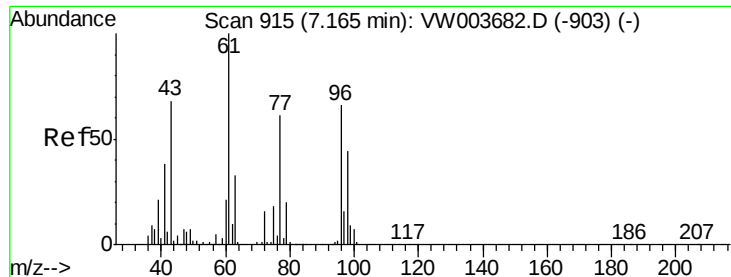
Tgt Ion: 77 Resp: 438096

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1





#27

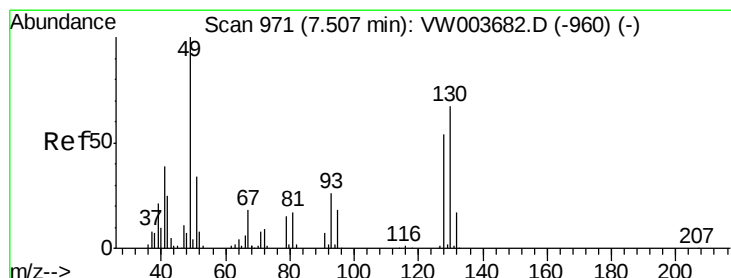
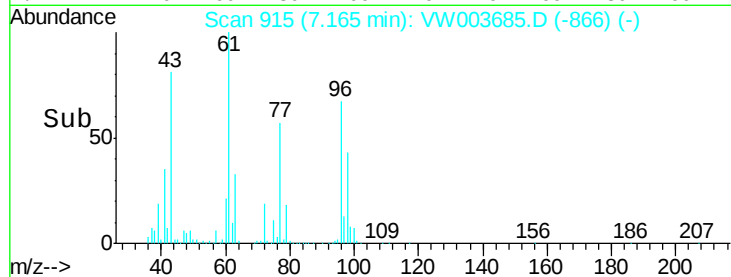
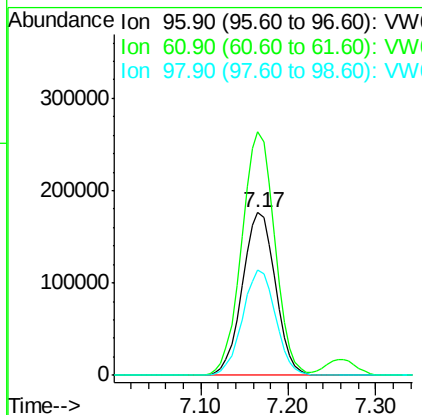
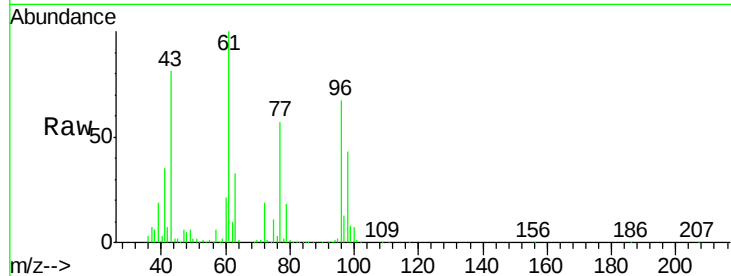
cis-1,2-Dichloroethene
Concen: 163.20 ug/l
RT: 7.17 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
96	100	463316		
61	149.4	0.0	305.0	
98	64.8	0.0	129.6	

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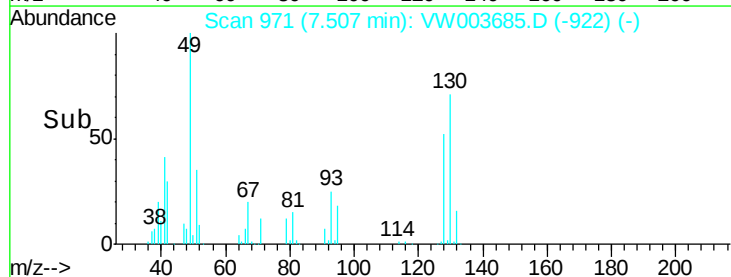
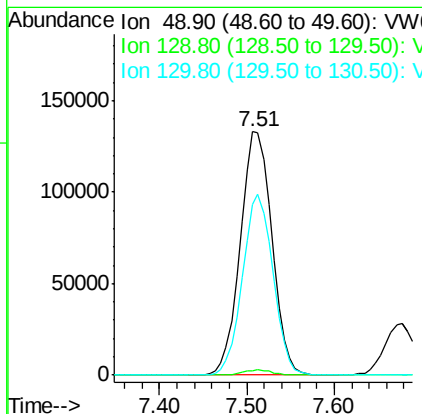
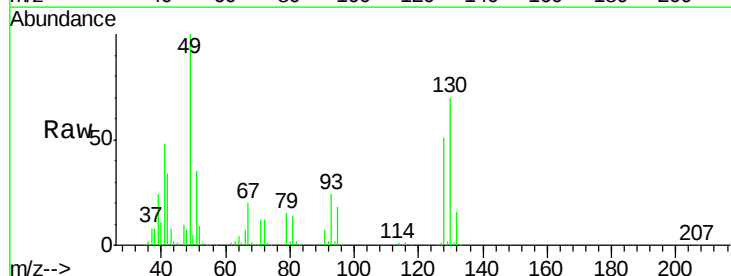
apatel
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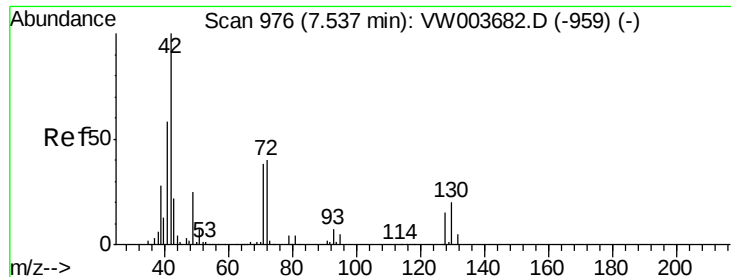


#28

Bromochloromethane
Concen: 164.04 ug/l
RT: 7.51 min Scan# 971
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	336088		
129	2.0	0.0	3.0	
130	71.4	57.0	85.6	





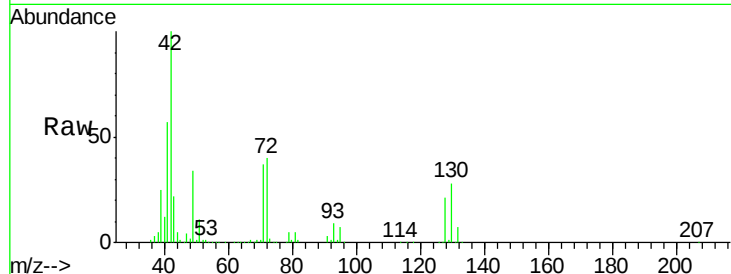
#29
Tetrahydrofuran
Concen: 1024.21 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

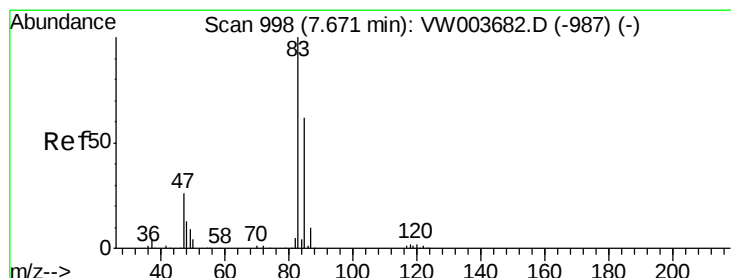
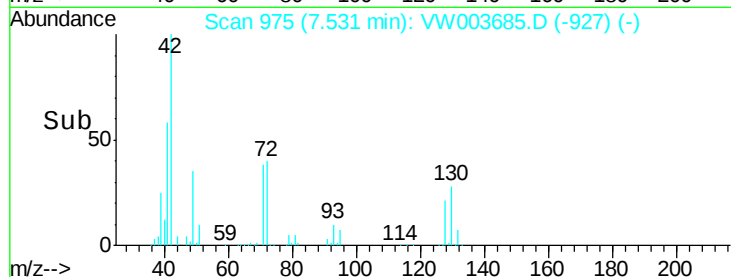
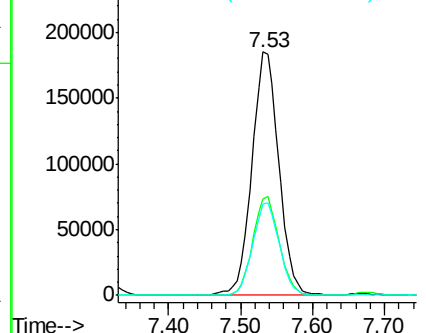
Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	32.0	48.0
71	37.5	30.2	45.2

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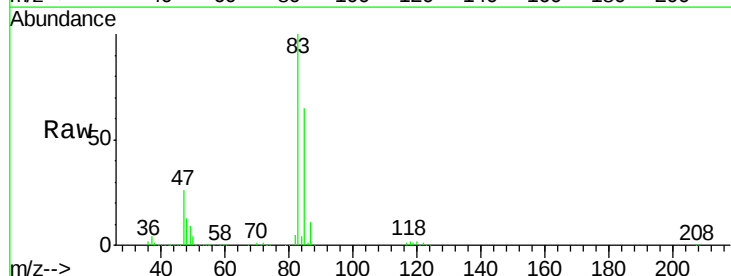


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

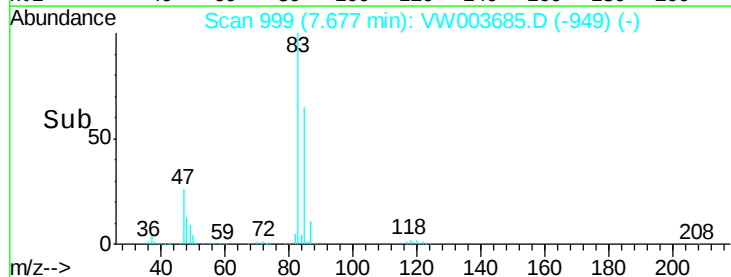
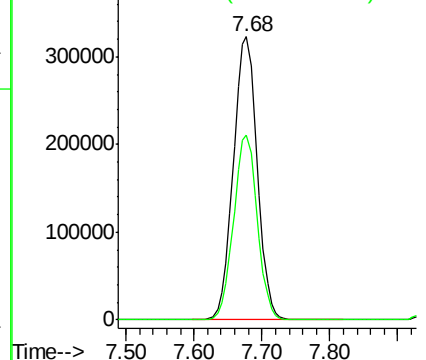


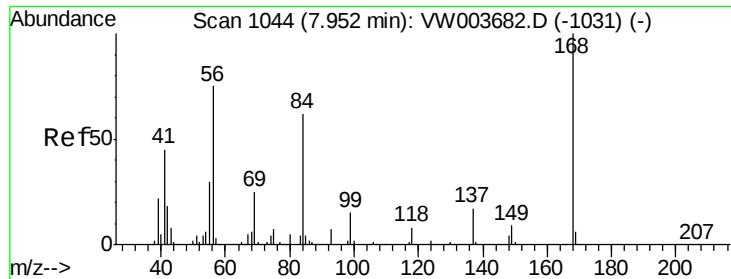
#30
Chloroform
Concen: 156.36 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	49.7	74.5



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





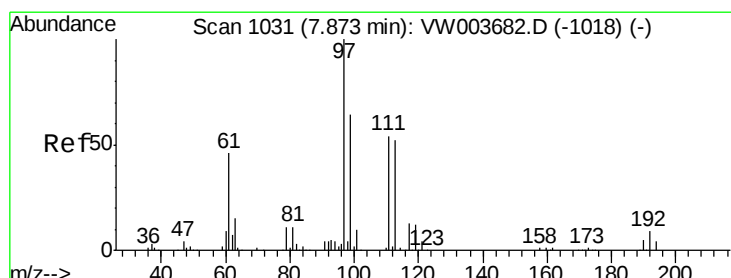
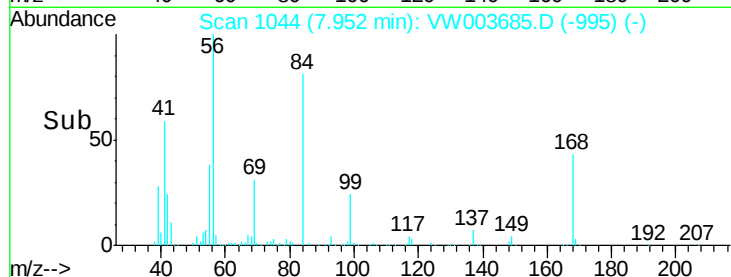
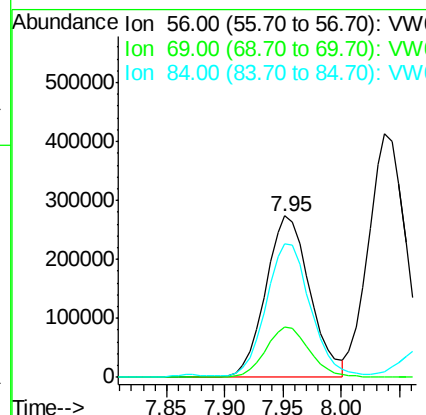
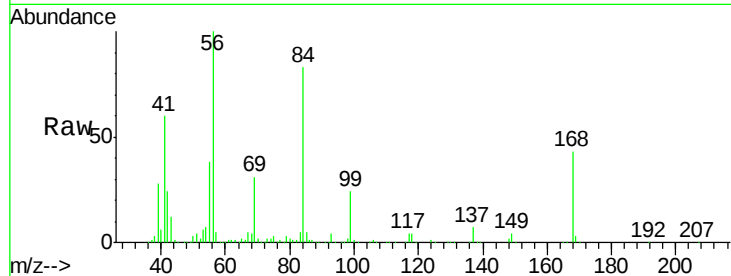
#31
Cyclohexane
Concen: 155.89 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	27.0	40.4
84	81.1	65.4	98.0

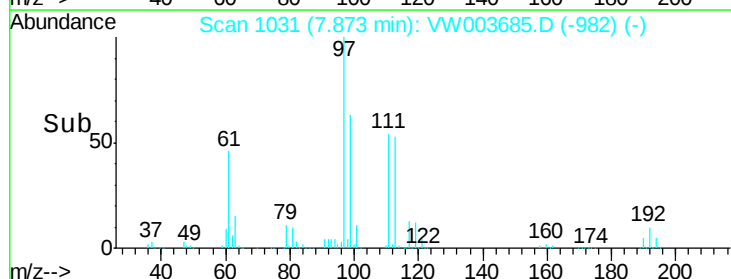
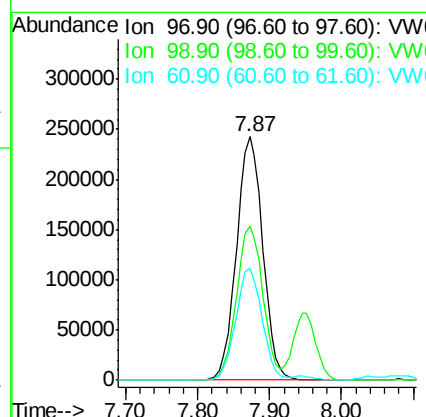
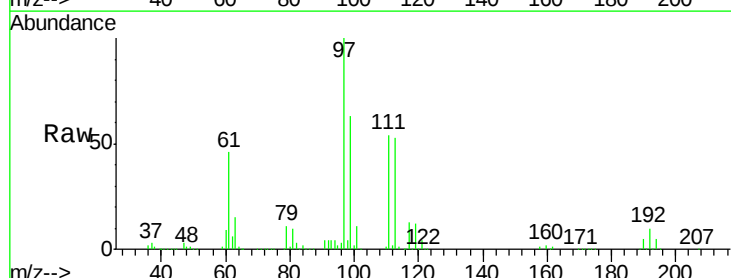
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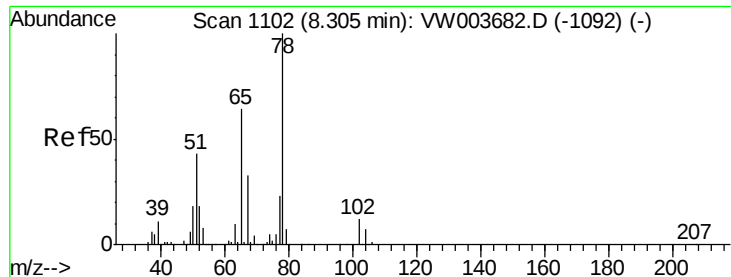
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#32
1,1,1-Trichloroethane
Concen: 149.99 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.6	76.0
61	46.0	37.2	55.8





#33

1,2-Dichloroethane-d4

Concen: 164.85 ug/l

RT: 8.31 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 65 Resp: 471153

Ion Ratio Lower Upper

65 100

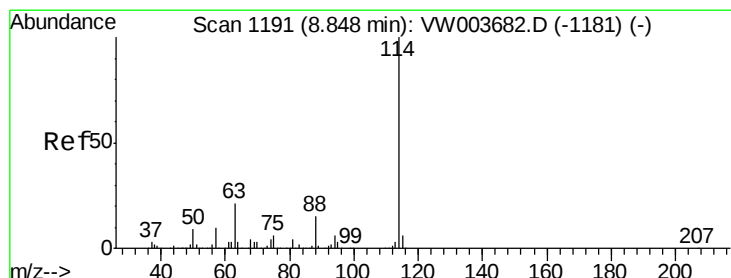
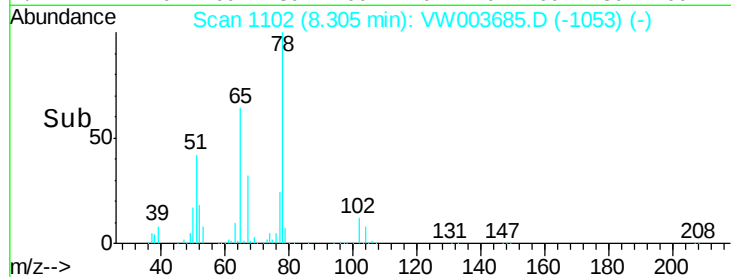
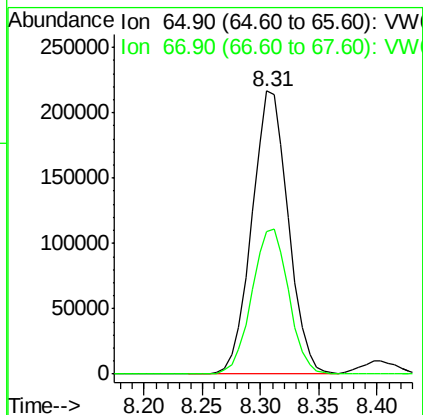
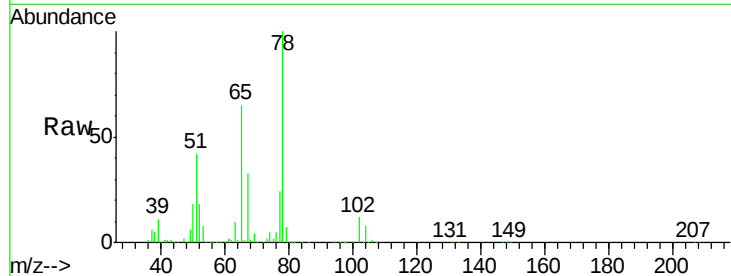
67 52.3 0.0 104.0

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#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

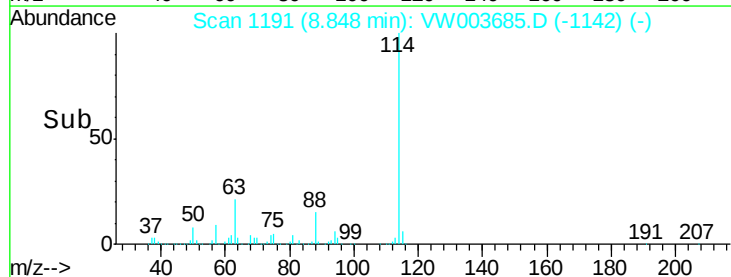
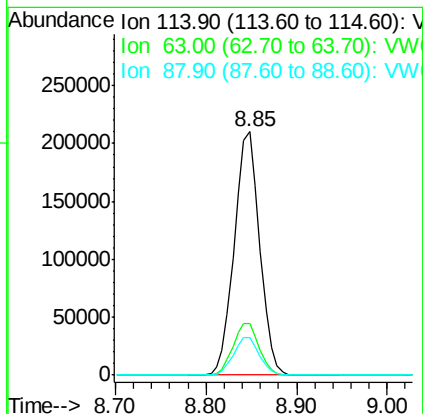
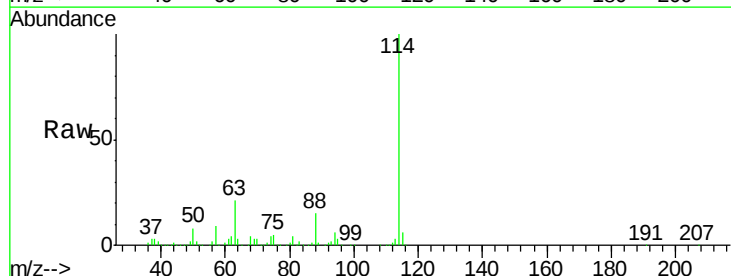
Tgt Ion: 114 Resp: 407275

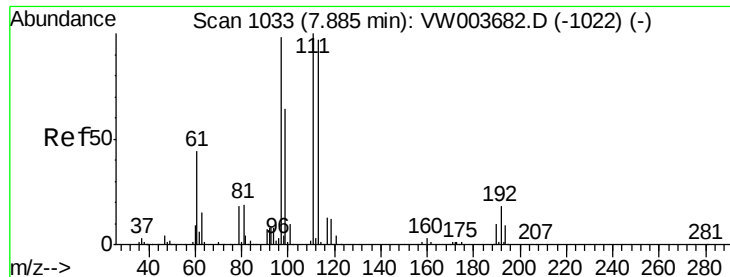
Ion Ratio Lower Upper

114 100

63 21.4 0.0 41.6

88 15.4 0.0 29.8





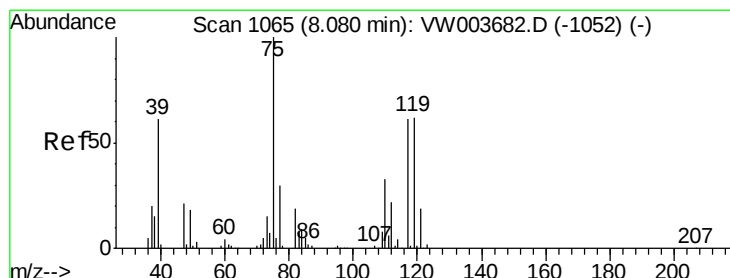
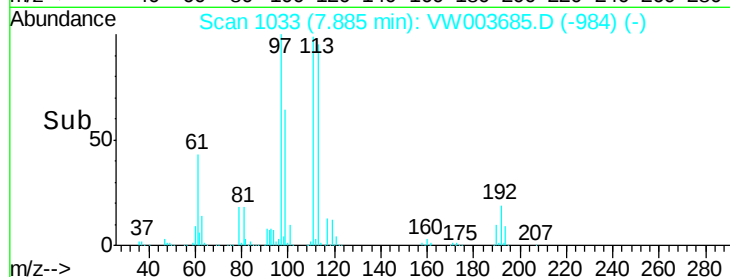
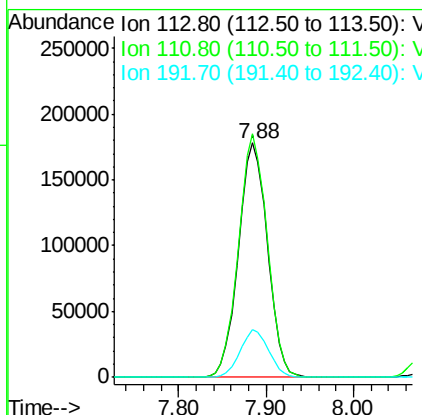
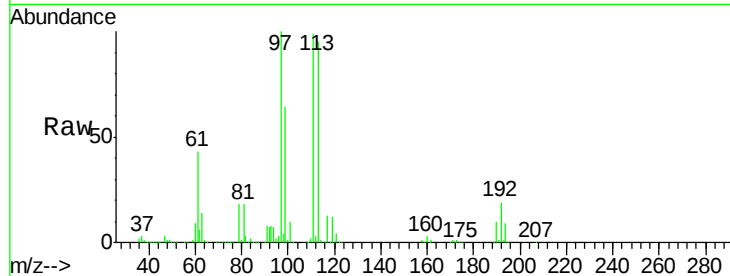
#35
 Dibromofluoromethane
 Concen: 159.91 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.4	123.6
192	20.0	15.8	23.6

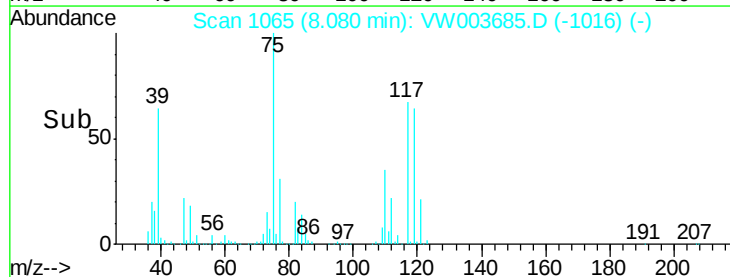
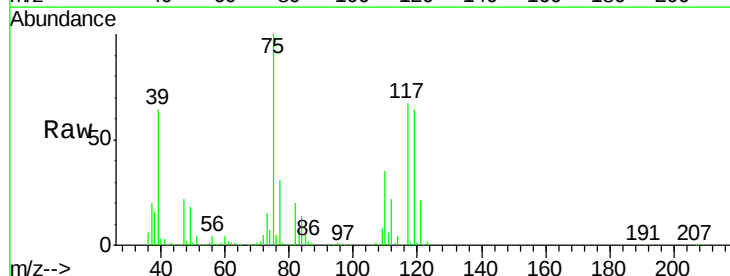
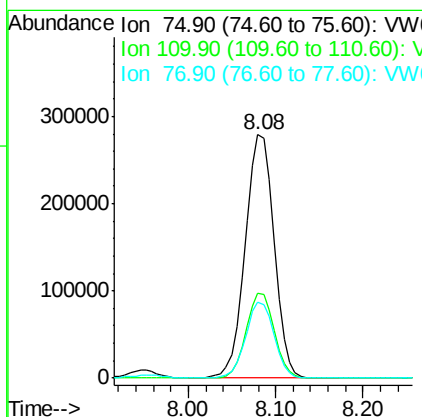
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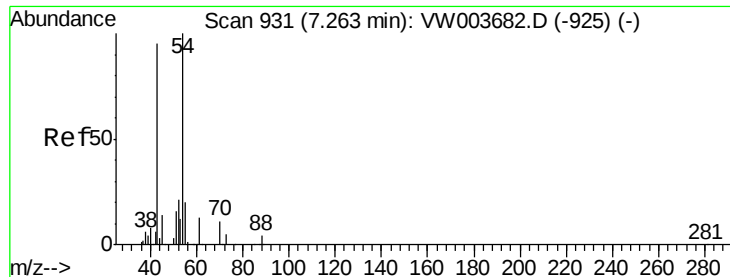
apatel
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#36
 1,1-Dichloropropene
 Concen: 159.59 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.9	50.6
77	31.0	24.9	37.3





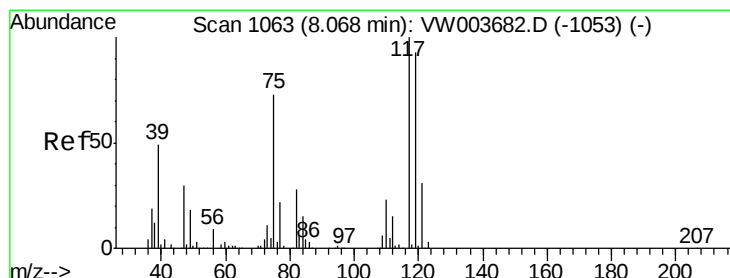
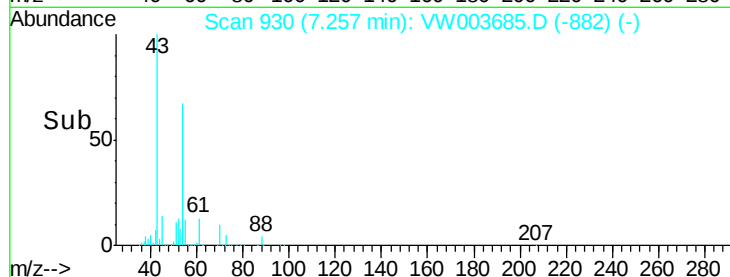
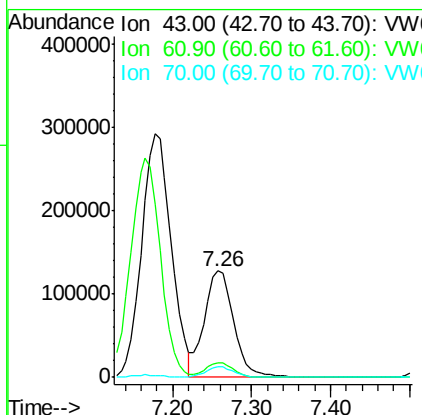
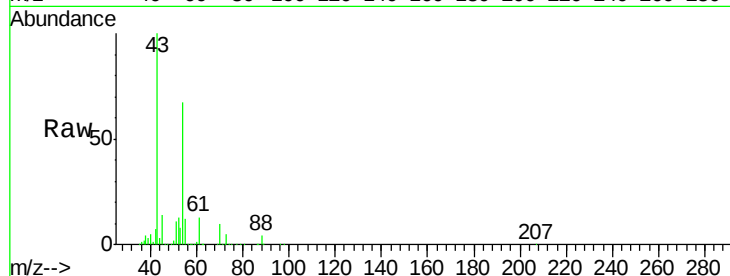
#37
Ethyl Acetate
Concen: 195.33 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.5	15.7
70	9.3	7.7	11.5

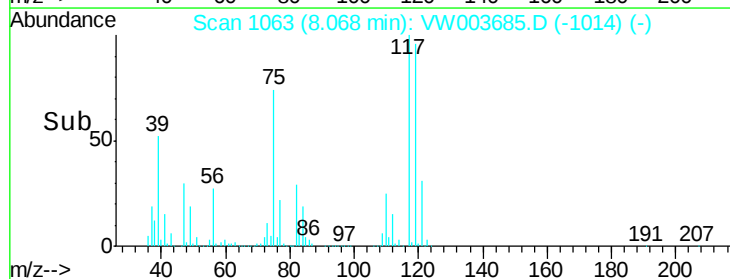
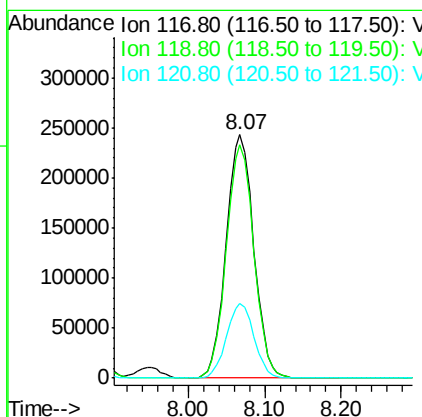
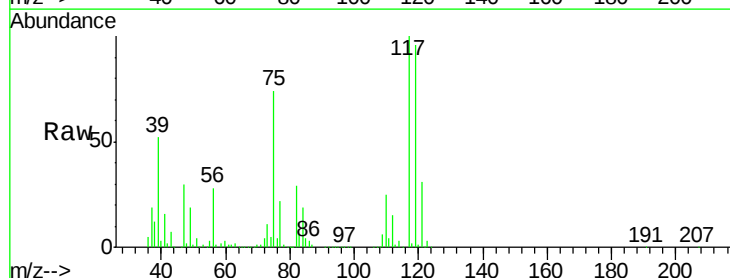
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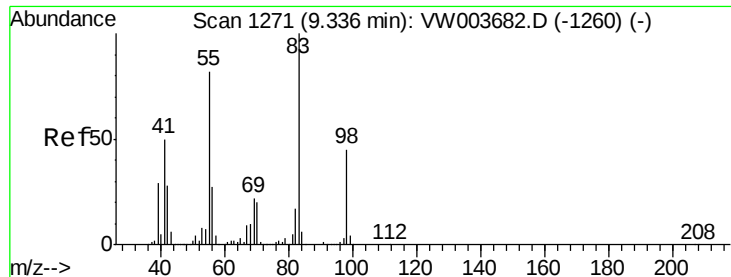
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#38
Carbon Tetrachloride
Concen: 155.58 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.1	111.1
121	30.7	25.0	37.4





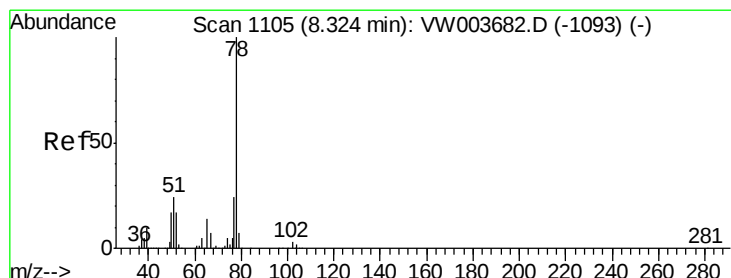
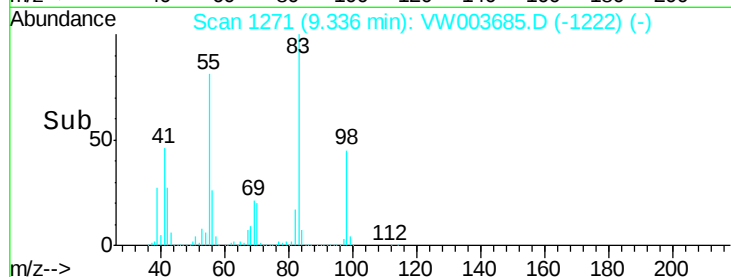
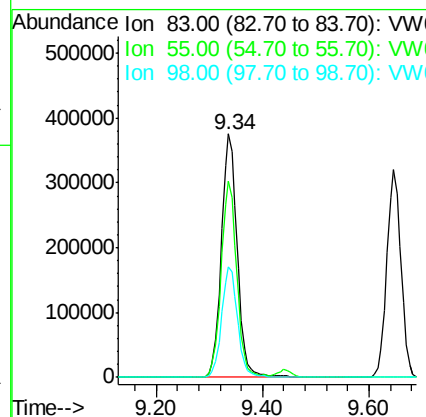
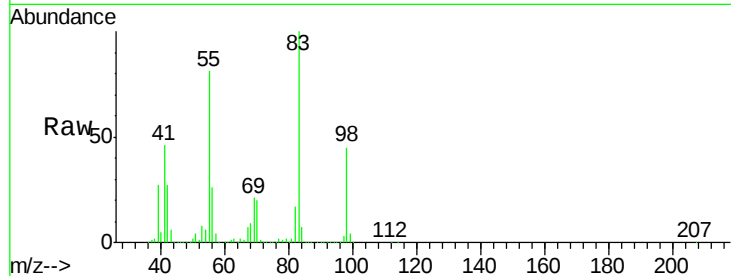
#39
Methvlcvclohexane
Concen: 168.27 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	65.3	97.9
98	45.4	36.3	54.5

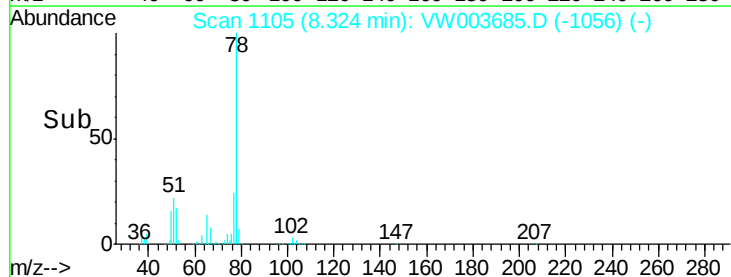
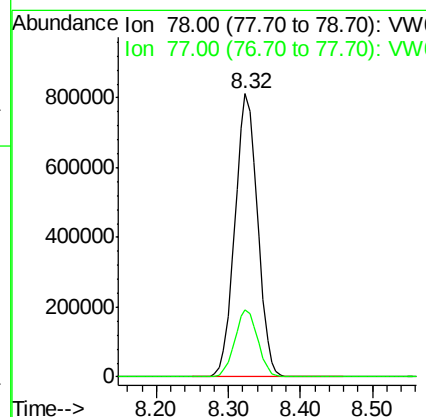
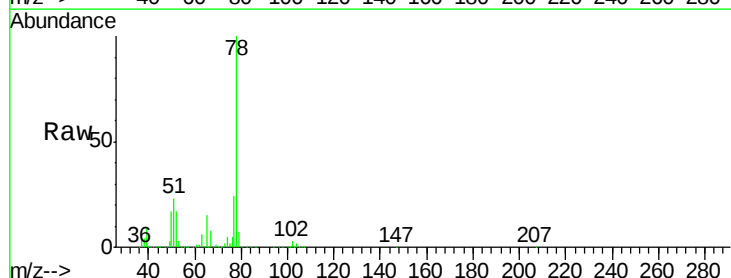
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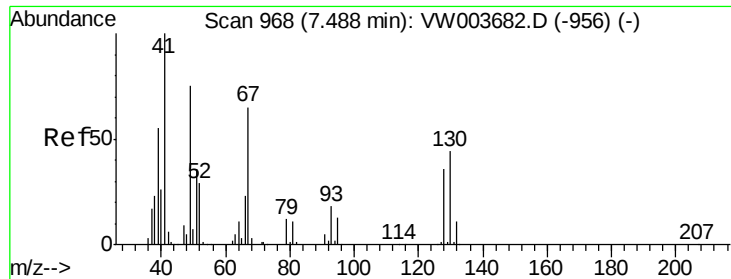
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#40
Benzene
Concen: 161.19 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.4	29.0





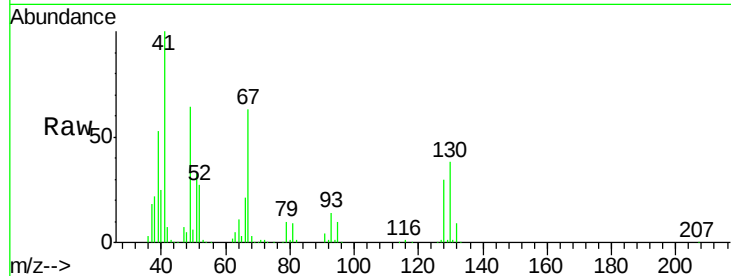
#41
Methacrylonitrile
Concen: 190.10 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

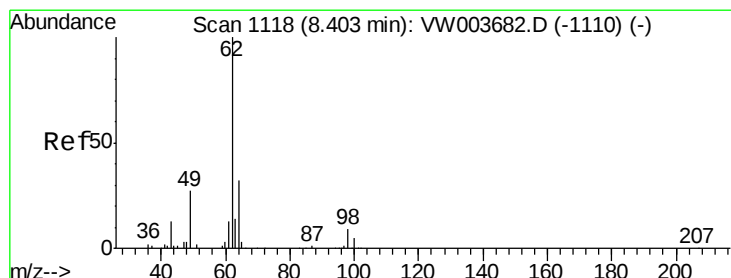
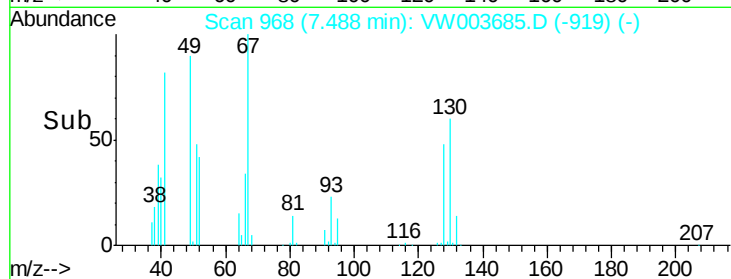
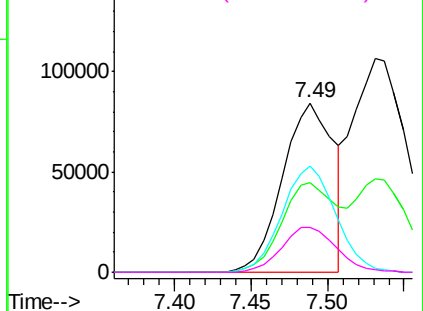
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		195601		
39	59.8	47.8	71.8		
67	65.8	53.9	80.9		
52	28.4	25.0	37.6		

Manual Integrations
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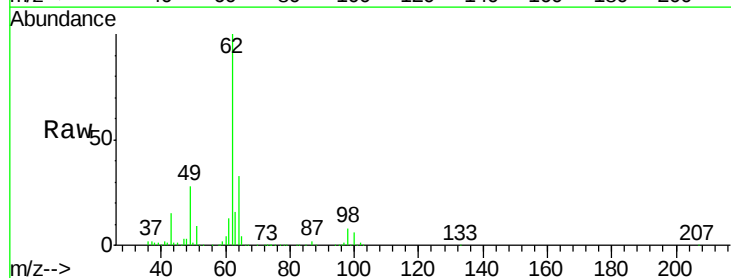


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

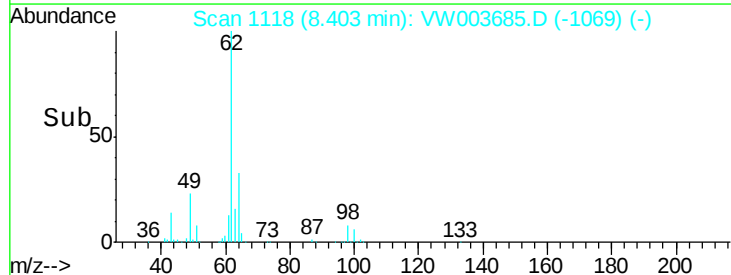
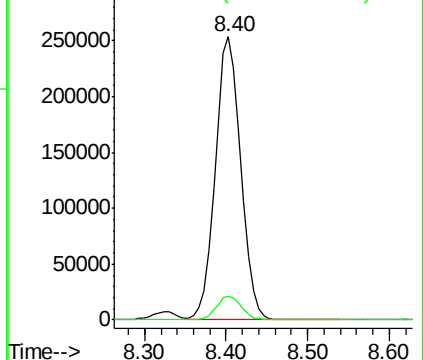


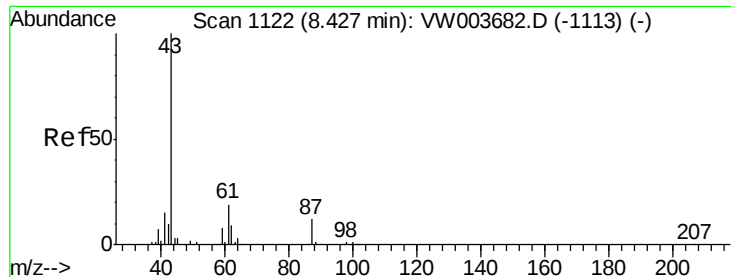
#42
1,2-Dichloroethane
Concen: 158.96 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		549579		
98	8.4	0.0	17.2		



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





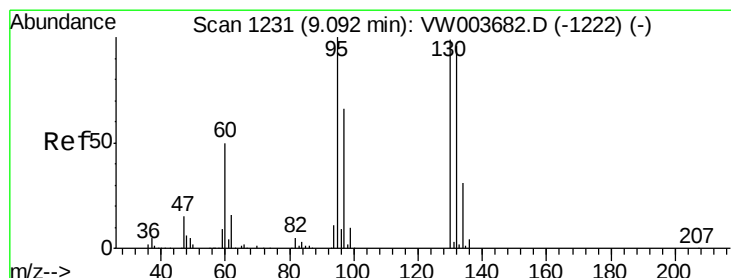
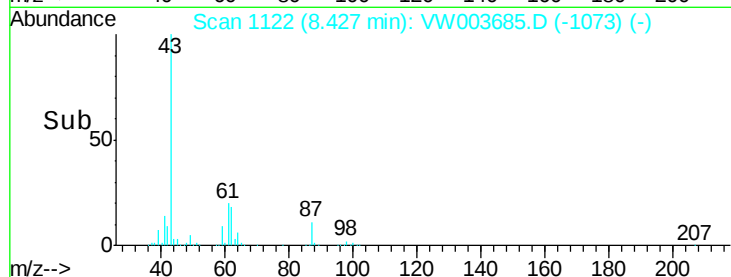
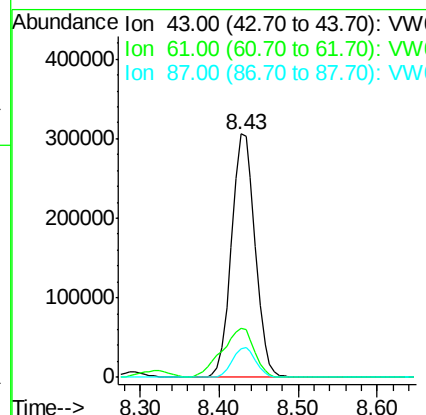
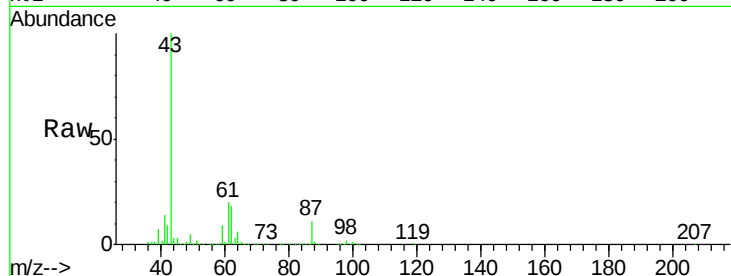
#43
Isopropyl Acetate
Concen: 190.69 ug/l
RT: 8.43 min Scan# 1122
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.6	23.0	34.6
87	12.2	9.8	14.6

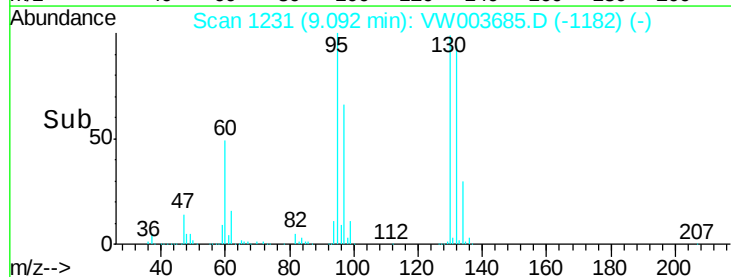
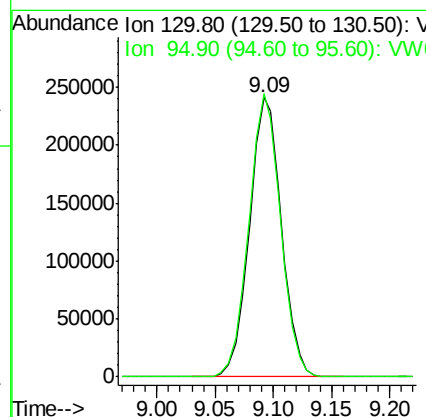
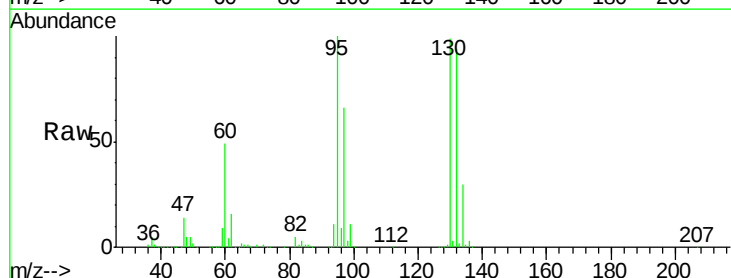
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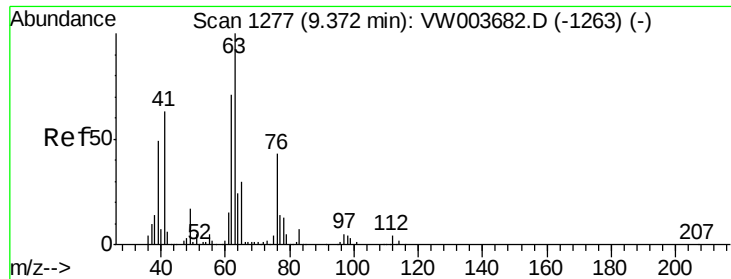
apatel
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#44
Trichloroethene
Concen: 158.50 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	202.6





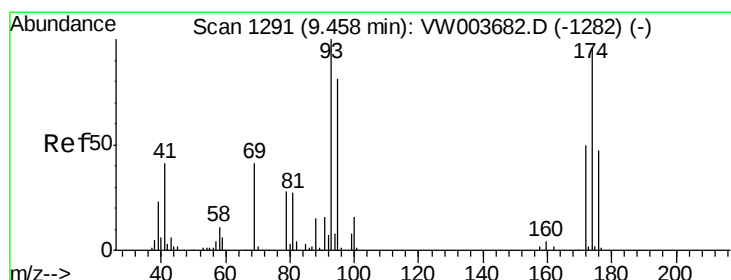
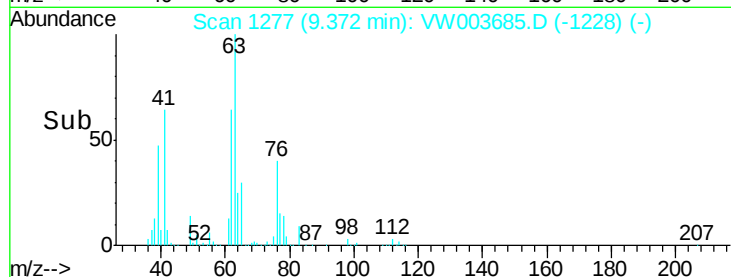
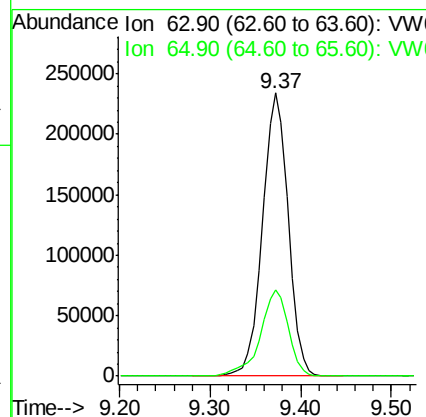
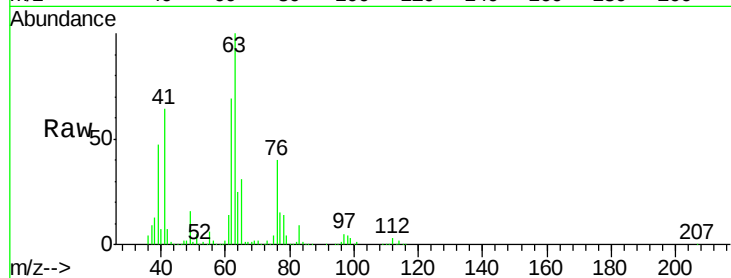
#45
 1,2-Dichloropropane
 Concen: 162.91 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.3	36.5

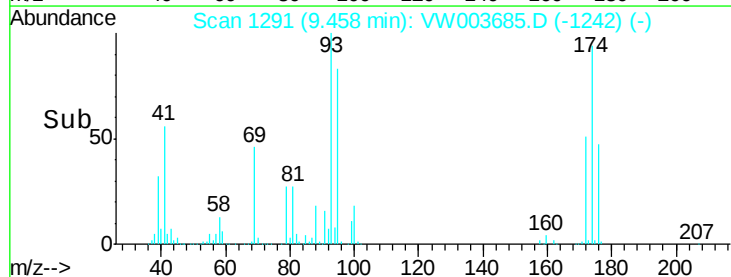
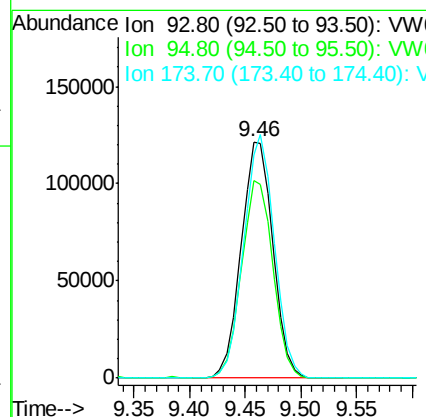
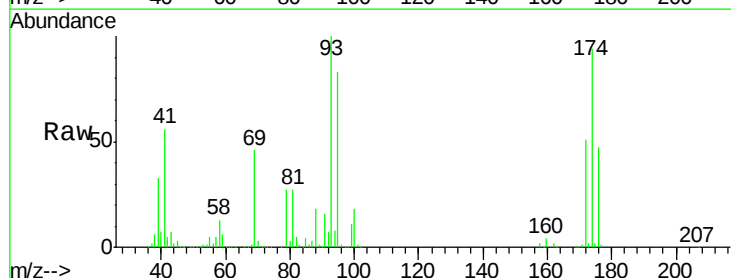
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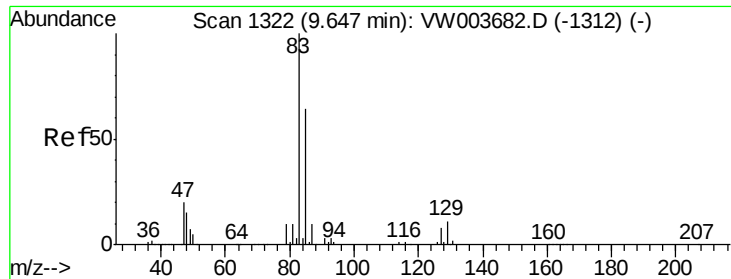
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#46
 Dibromomethane
 Concen: 166.37 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	66.2	99.4
174	99.5	79.6	119.4





#47

Bromodichloromethane

Concen: 161.83 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

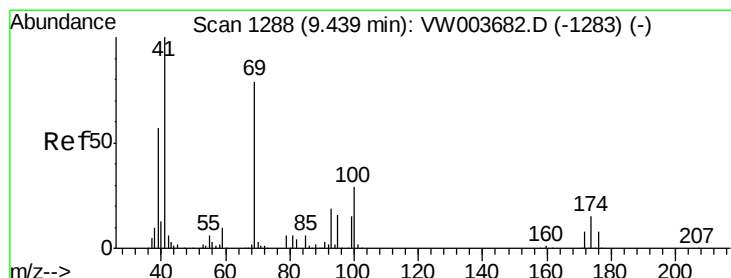
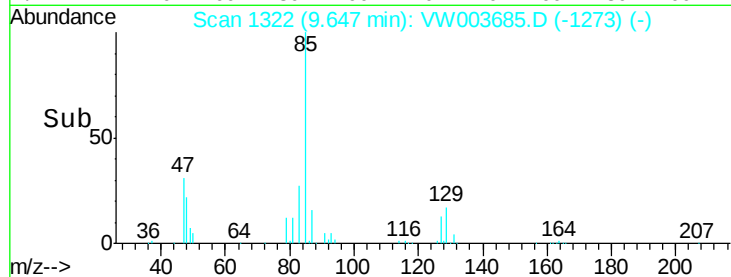
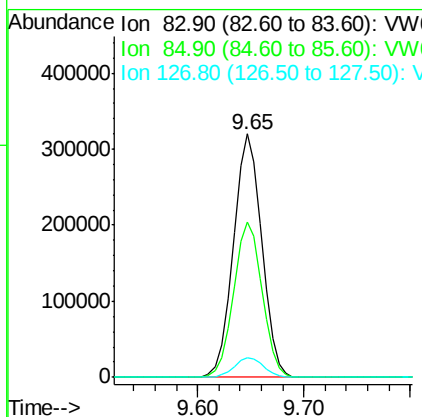
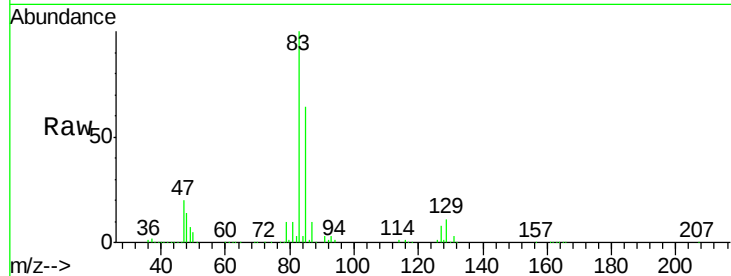
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	596388
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.1	76.7
127	8.3	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 198.74 ug/l

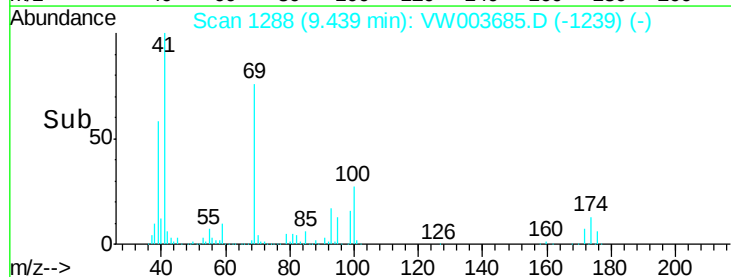
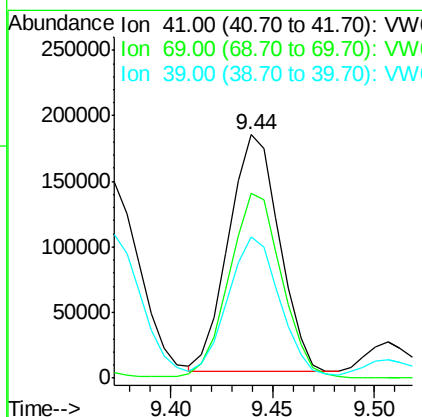
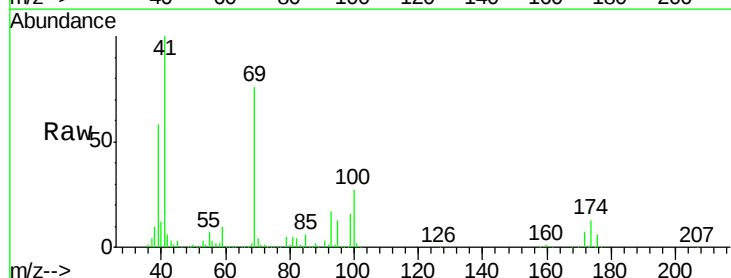
RT: 9.44 min Scan# 1288

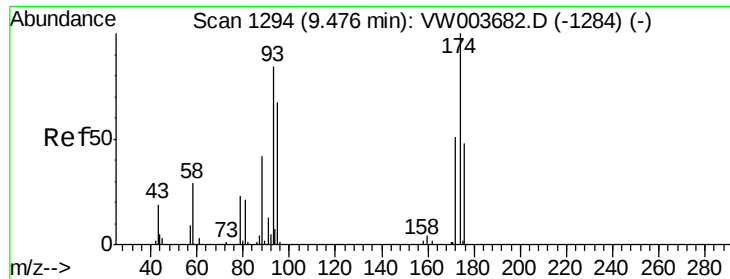
Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Tgt Ion:	41	Resp:	312502
Ion Ratio	Lower	Upper	
41	100		
69	81.2	65.4	98.2
39	61.6	50.0	75.0





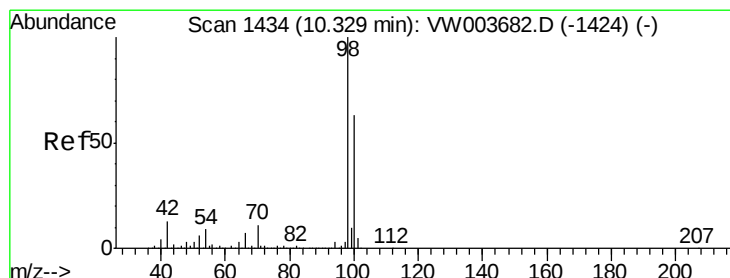
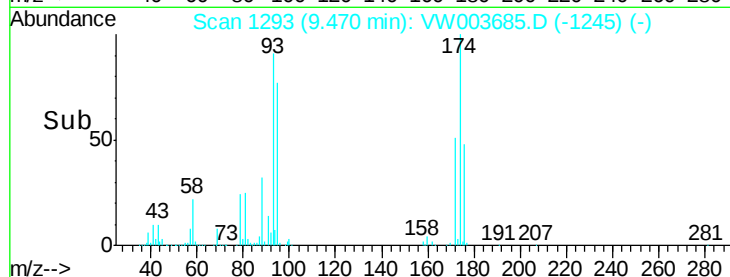
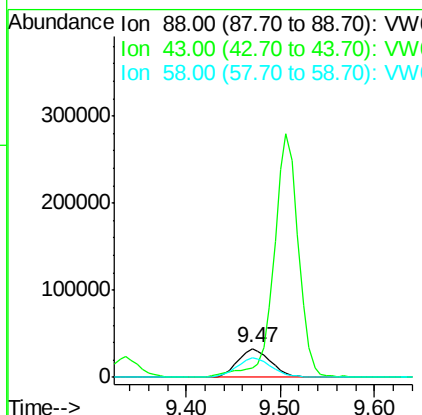
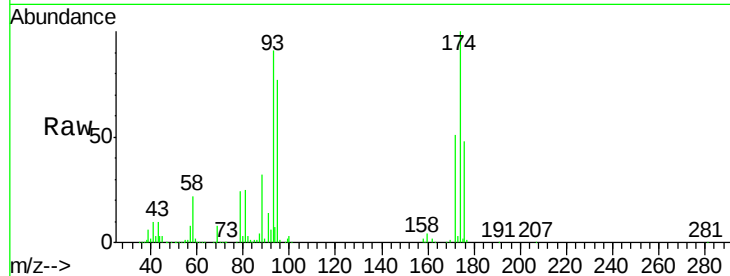
#49
 1,4-Dioxane
 Concen: 3671.83 ug/l
 RT: 9.47 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	88	Resp	80319
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.3	61.8	92.6

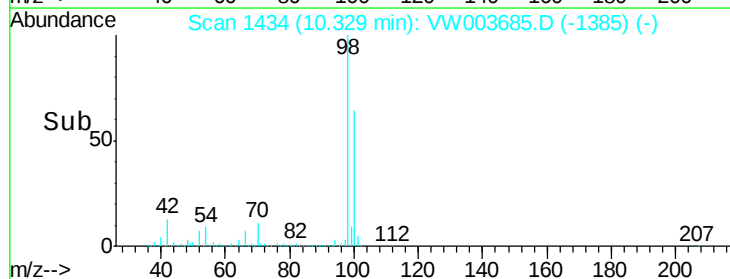
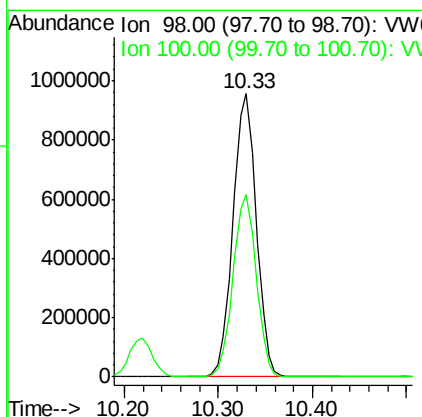
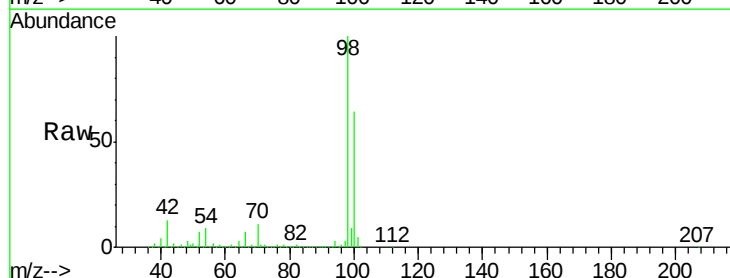
Manual Integrations
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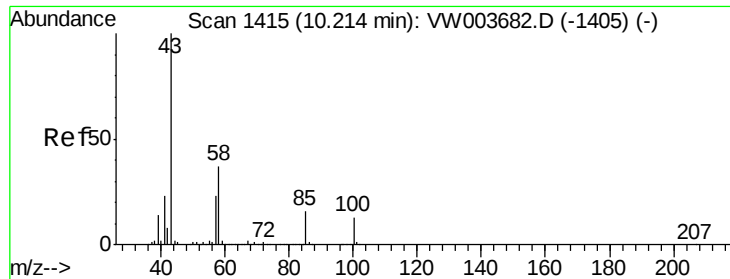
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#50
 Toluene-d8
 Concen: 161.56 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	98	Resp	1643931
Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 974.74 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 1667416

Ion Ratio Lower Upper

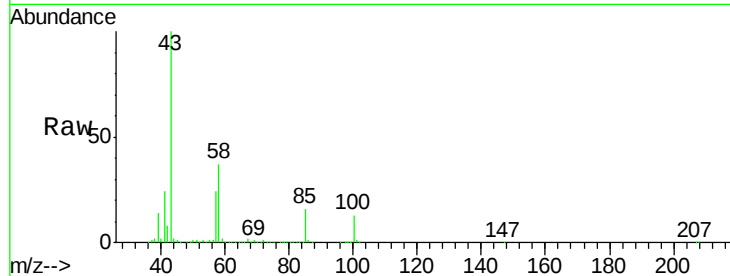
43 100

58 37.3 29.6 44.4

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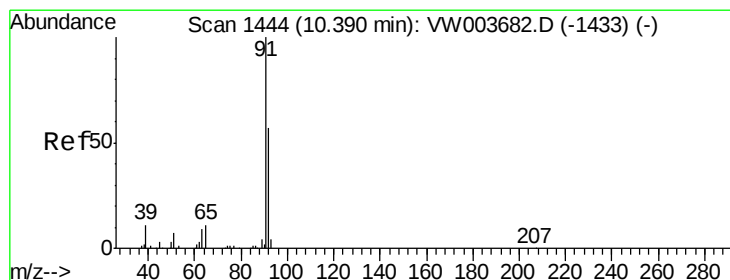
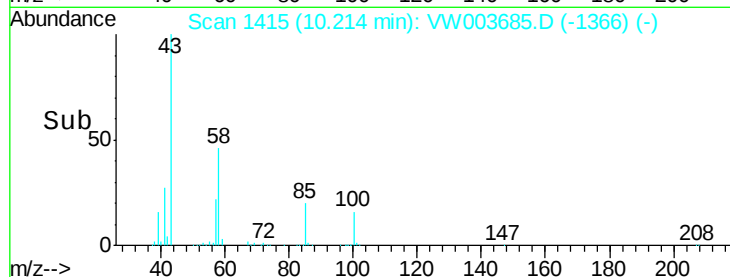
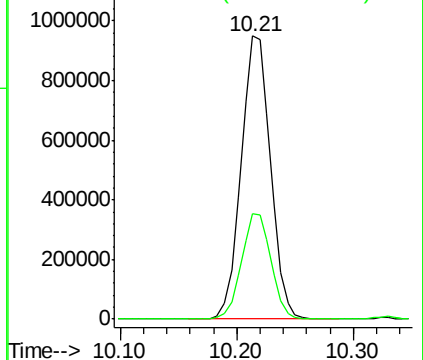
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 158.73 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003685.D

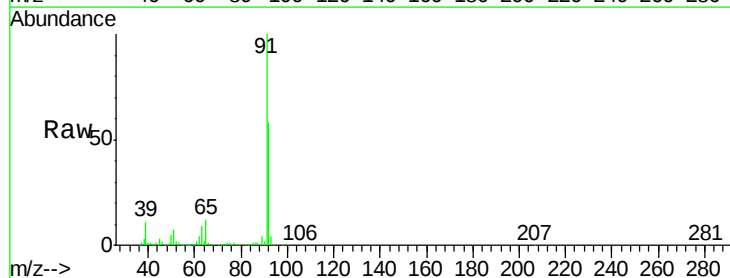
Acq: 02 Jul 2018 19:08

Tgt Ion: 92 Resp: 1122430

Ion Ratio Lower Upper

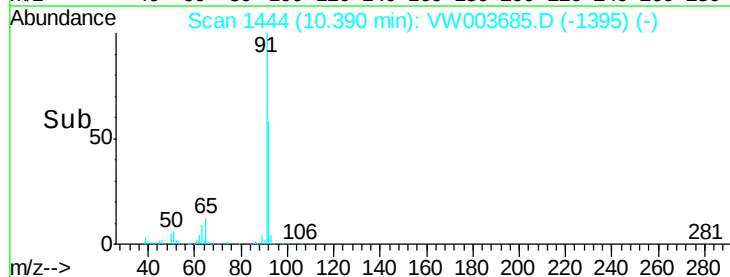
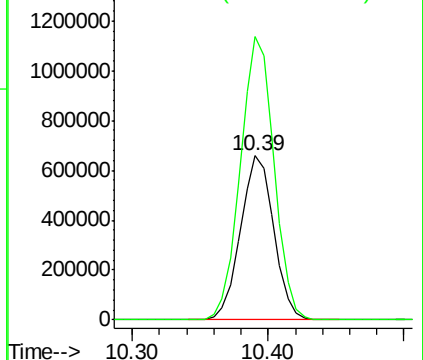
92 100

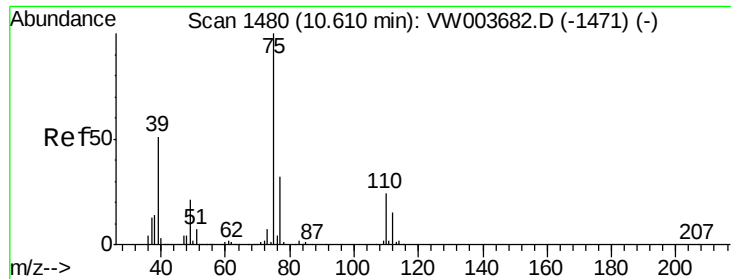
91 174.4 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





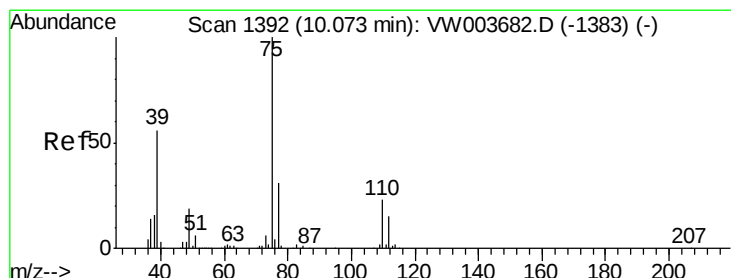
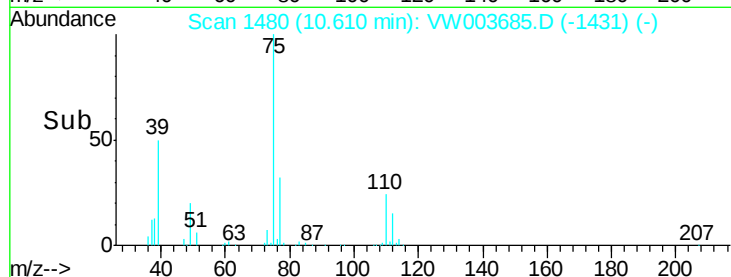
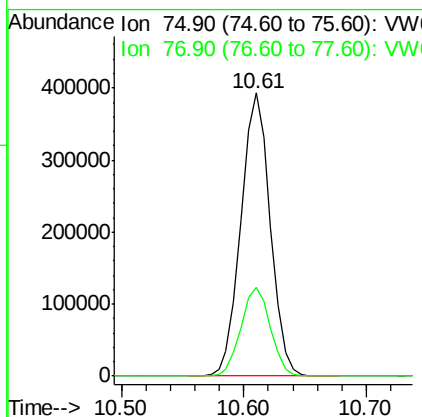
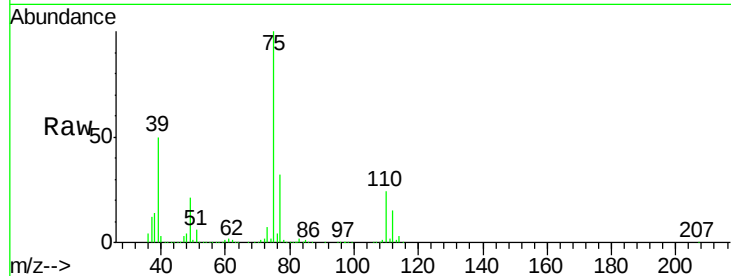
#53
t-1,3-Dichloropropene
Concen: 172.64 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 75 Resp: 651616
Ion Ratio Lower Upper
75 100
77 31.5 25.5 38.3

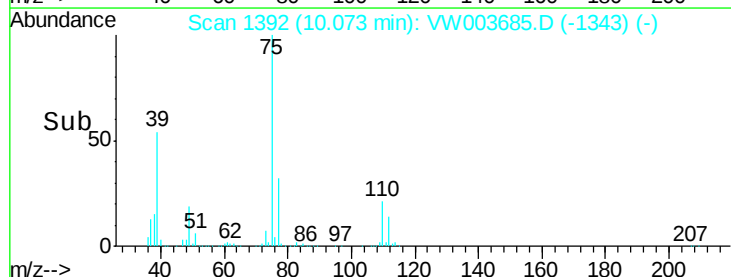
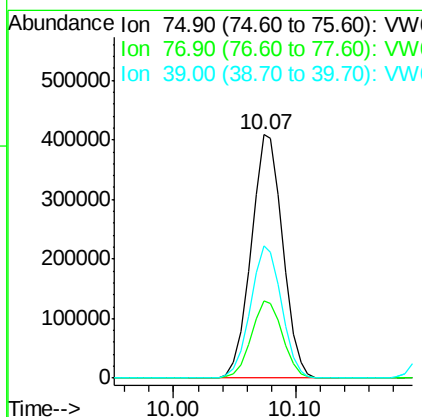
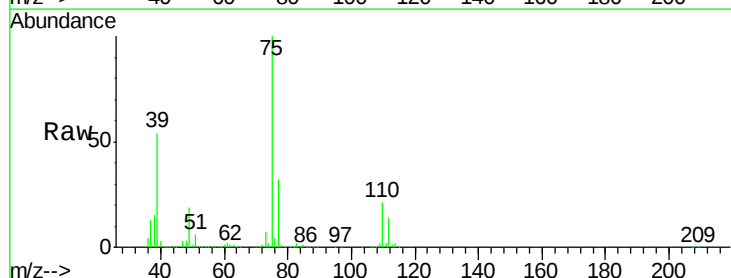
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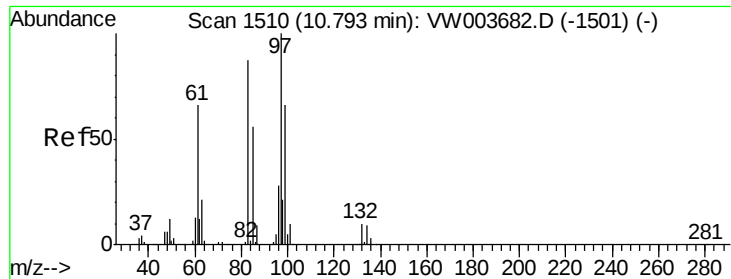
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#54
cis-1,3-Dichloropropene
Concen: 170.15 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 75 Resp: 731976
Ion Ratio Lower Upper
75 100
77 31.8 24.9 37.3
39 54.3 44.6 67.0





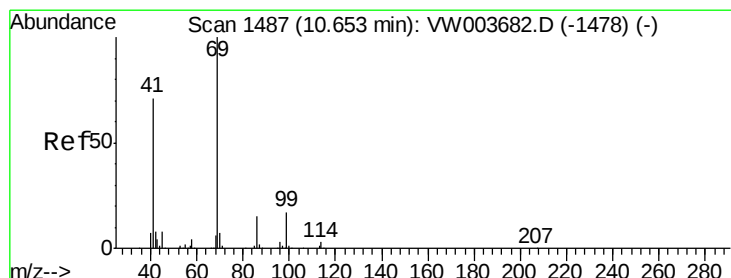
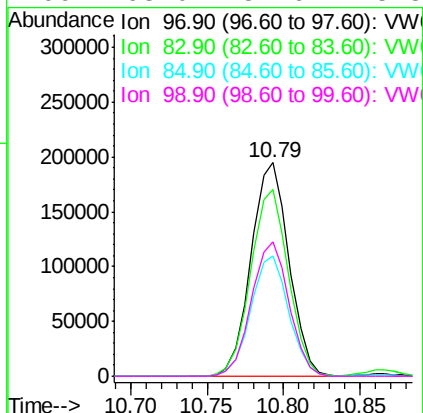
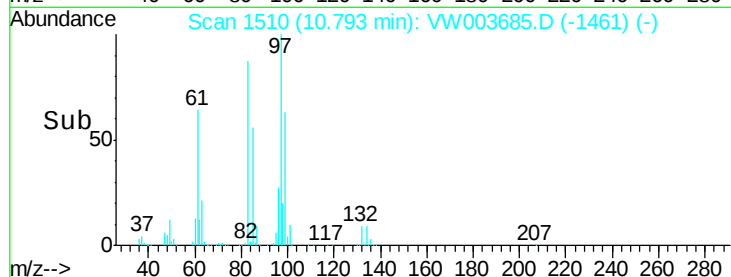
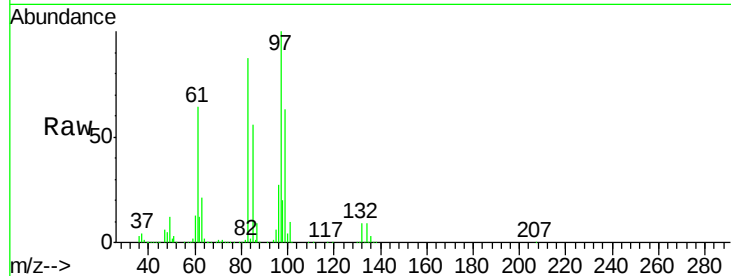
#55
 1,1,2-Trichloroethane
 Concen: 164.83 ug/l
 RT: 10.79 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		335647		
83	87.5	69.5	104.3		
85	56.3	44.7	67.1		
99	63.0	52.6	78.8		

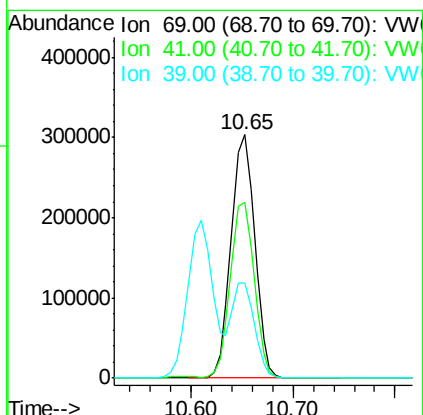
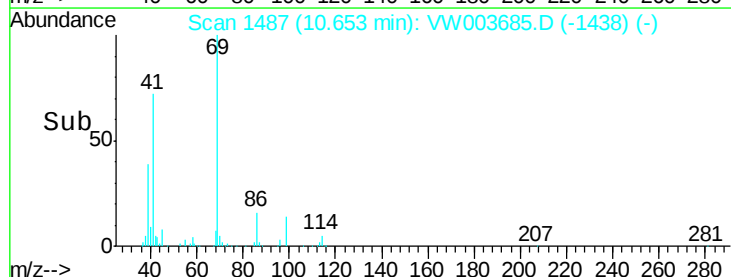
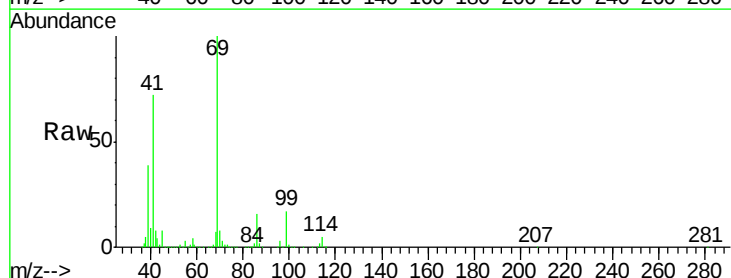
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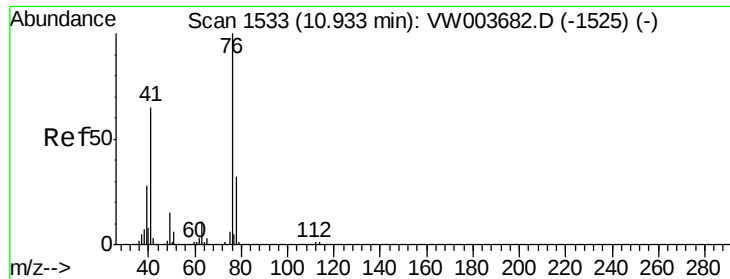
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#56
 Ethyl methacrylate
 Concen: 195.99 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		487877		
41	73.0	57.5	86.3		
39	36.2	29.4	44.0		





#57

1,3-Dichloropropane

Concen: 169.22 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 76 Resp: 595619

Ion Ratio Lower Upper

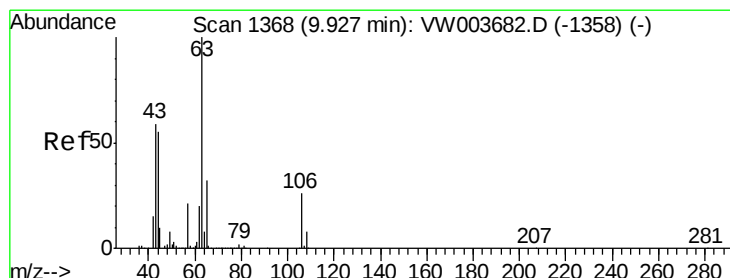
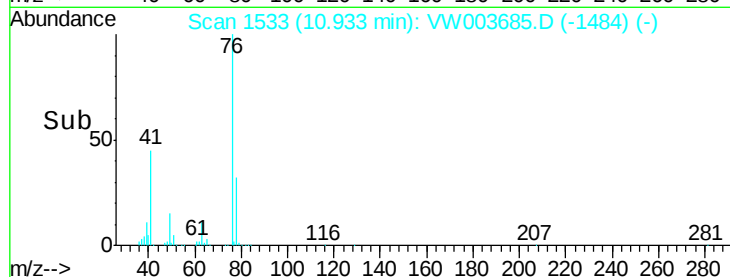
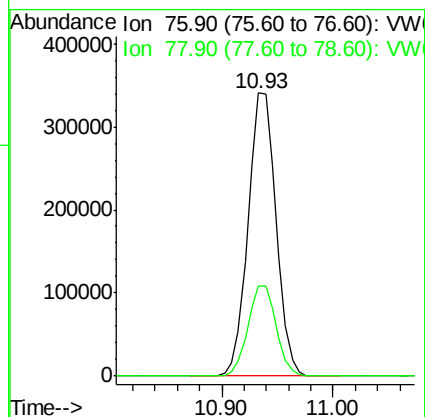
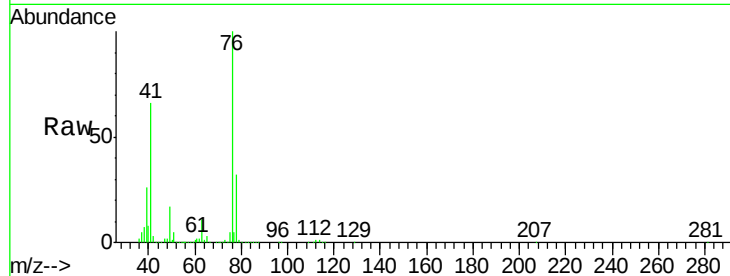
76 100

78 32.1 25.6 38.4

Manual Integrations
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7/3/2018 10:16:46 AM



#58

2-Chloroethyl Vinyl ether

Concen: 842.49 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003685.D

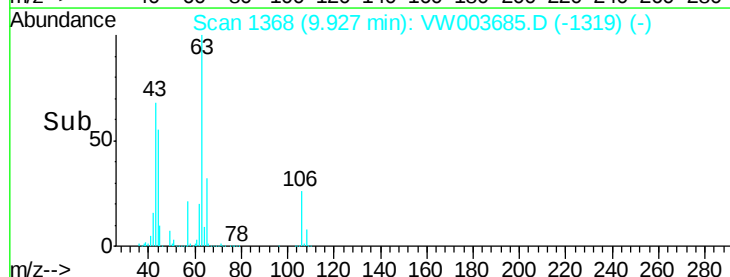
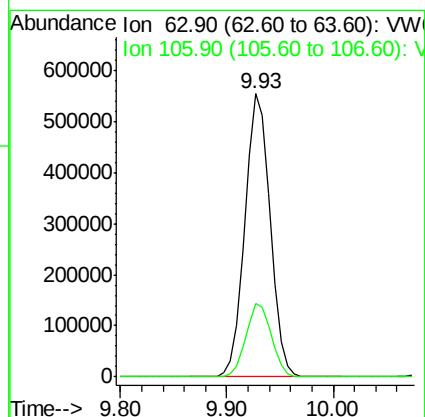
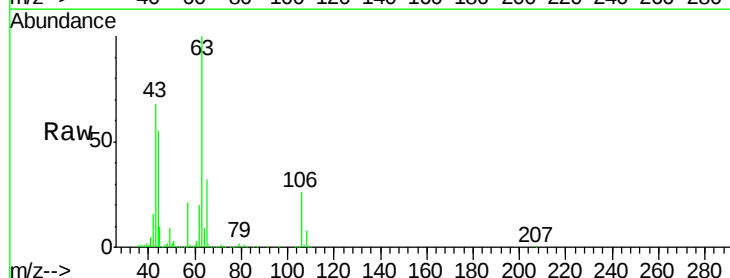
Acq: 02 Jul 2018 19:08

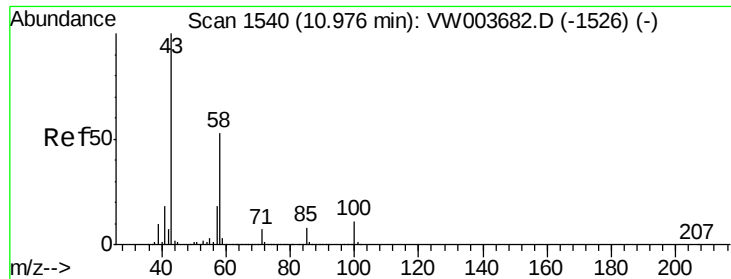
Tgt Ion: 63 Resp: 924612

Ion Ratio Lower Upper

63 100

106 26.2 20.7 31.1





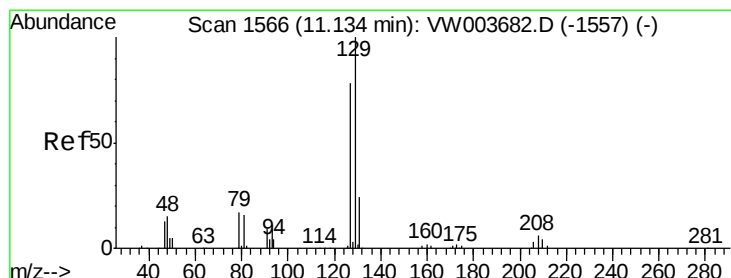
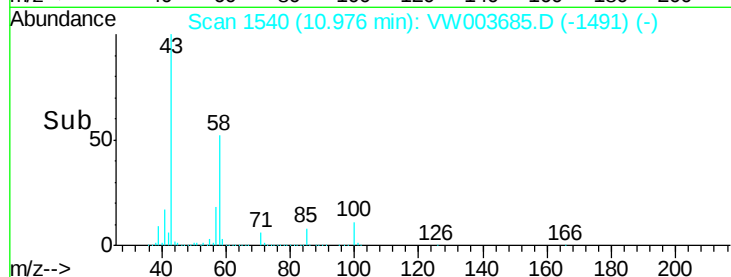
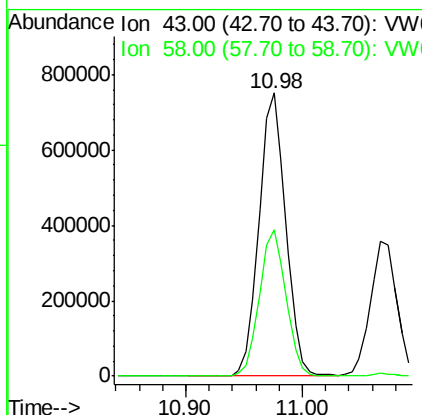
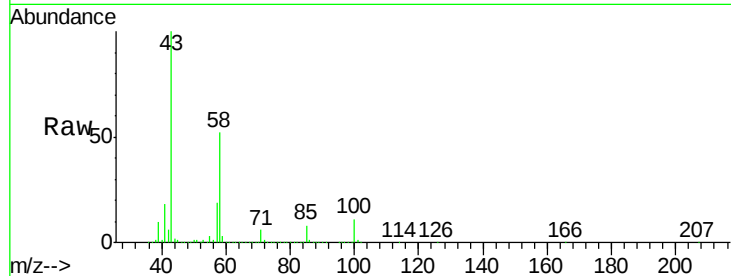
#59
2-Hexanone
Concen: 995.34 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1191928
Ion Ratio Lower Upper
43 100
58 51.5 25.9 77.6

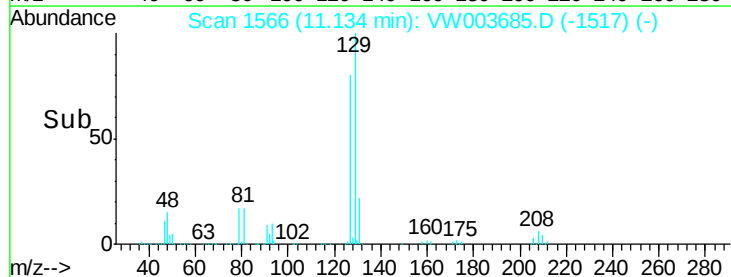
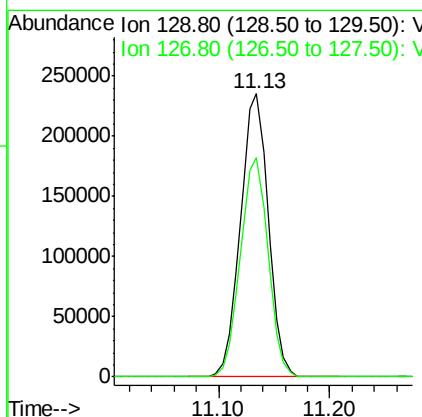
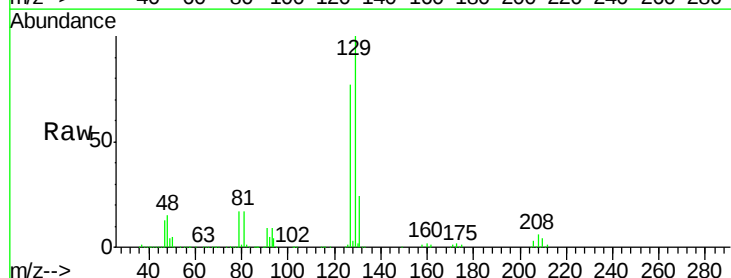
Manual Integrations
APPROVED

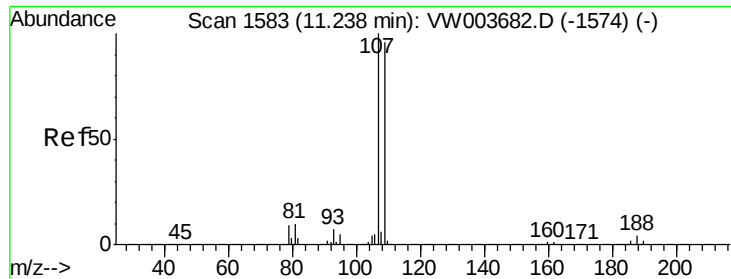
apatel
7/3/2018 10:16:46 AM



#60
Dibromochloromethane
Concen: 169.56 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 129 Resp: 408172
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





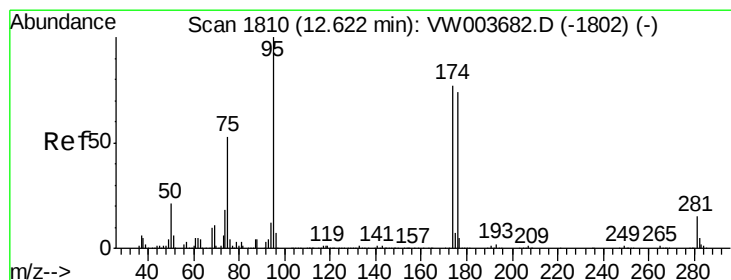
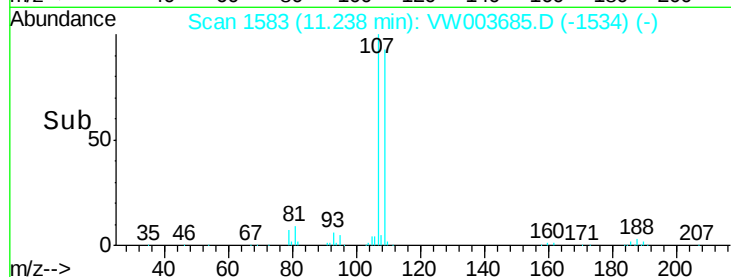
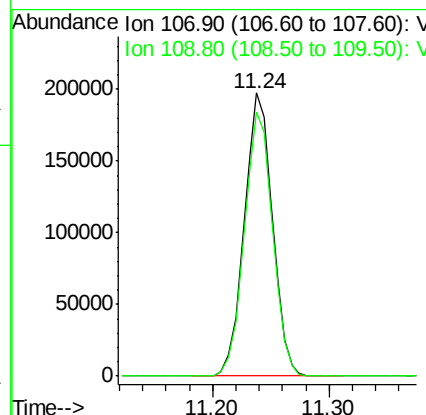
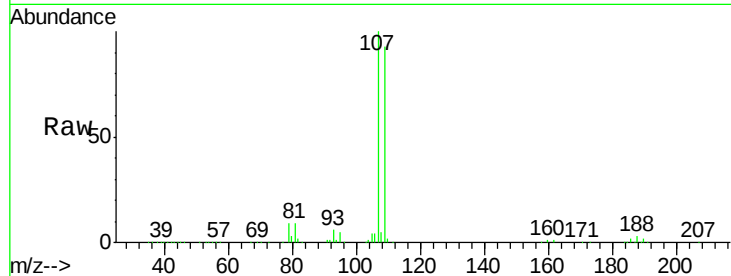
#61
 1,2-Dibromoethane
 Concen: 172.76 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.6	113.4

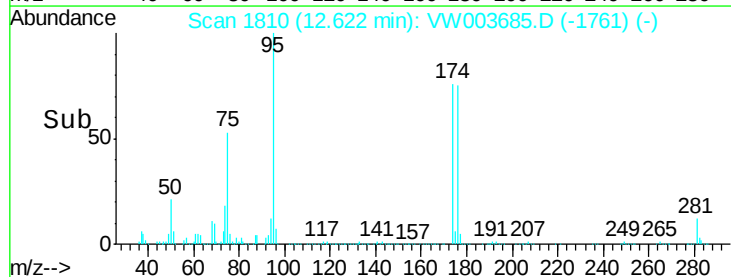
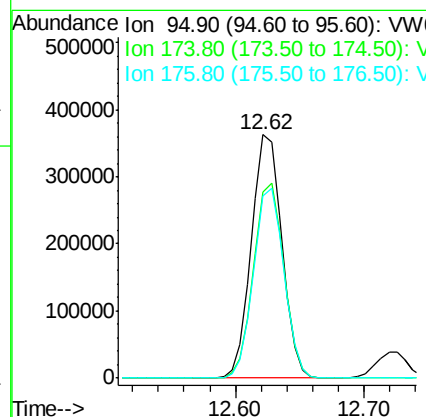
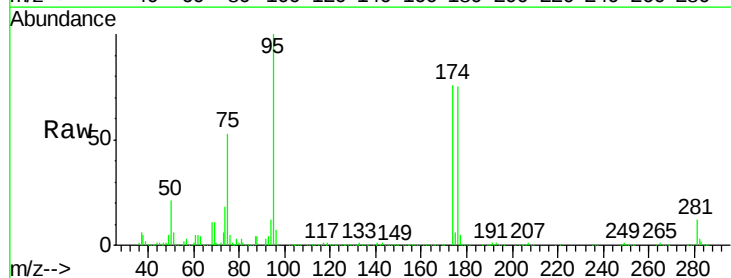
Manual Integrations
 APPROVED

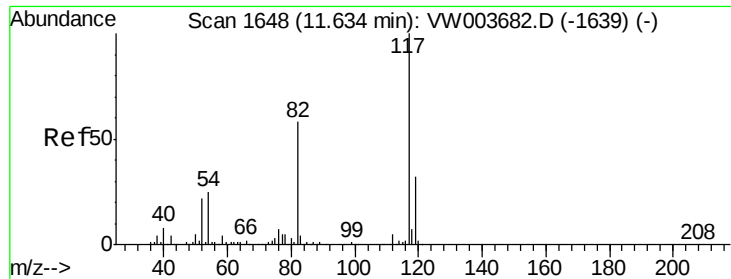
apatel
 7/3/2018 10:16:46 AM



#62
 4-Bromofluorobenzene
 Concen: 163.24 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.9	0.0	161.2
176	77.8	0.0	155.0





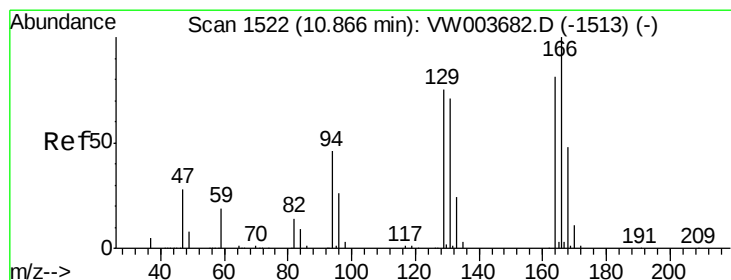
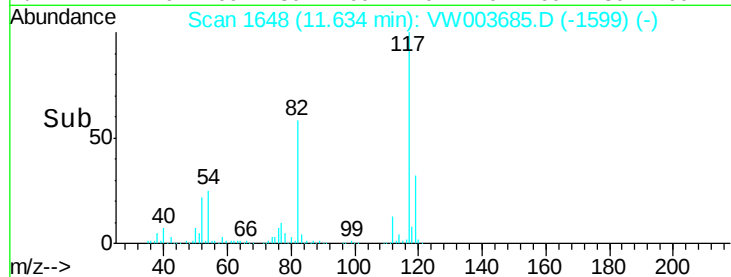
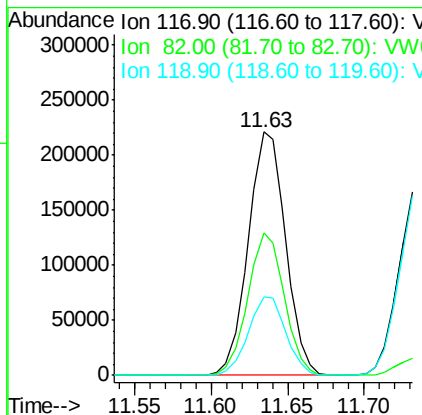
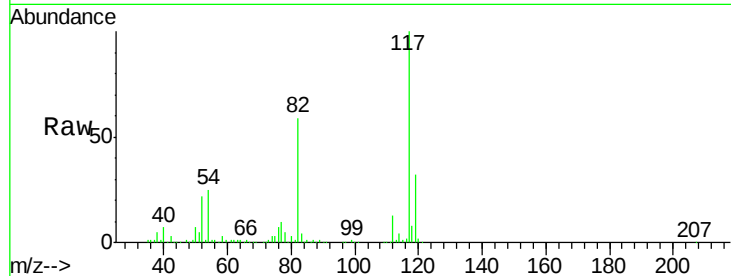
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	376131		
82	58.5	46.0	69.0	
119	32.4	25.4	38.0	

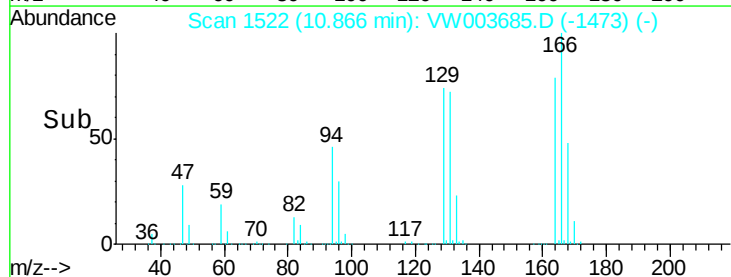
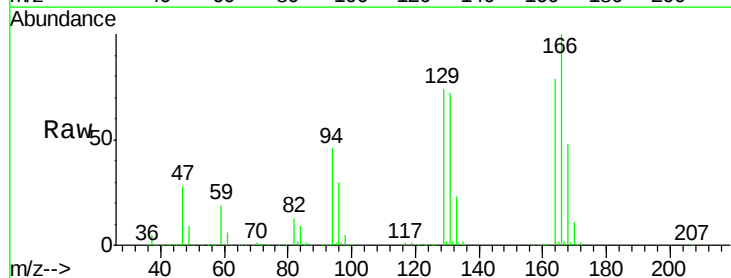
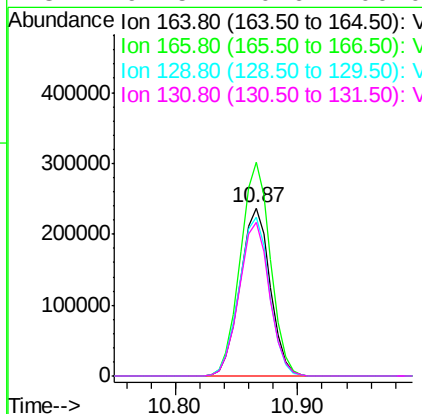
Manual Integrations
APPROVED

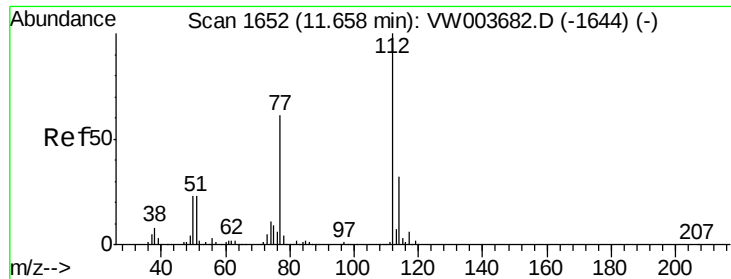
apatel
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#64
Tetrachloroethene
Concen: 159.51 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	404617		
166	127.1	99.0	148.4	
129	94.7	73.8	110.6	
131	91.5	70.6	106.0	





#65

Chlorobenzene

Concen: 154.79 ug/l

RT: 11.66 min Scan# 1653

Delta R.T. 0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 1223038

Ion Ratio Lower Upper

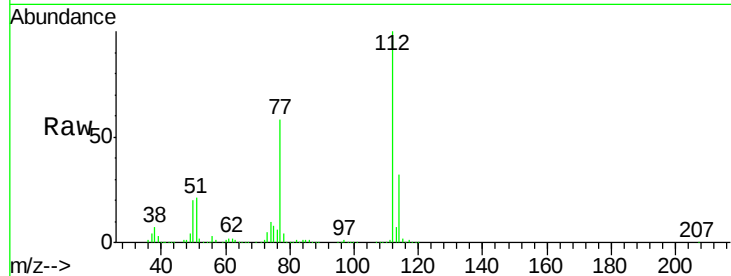
112 100

114 32.5 25.8 38.8

Manual Integrations
APPROVED

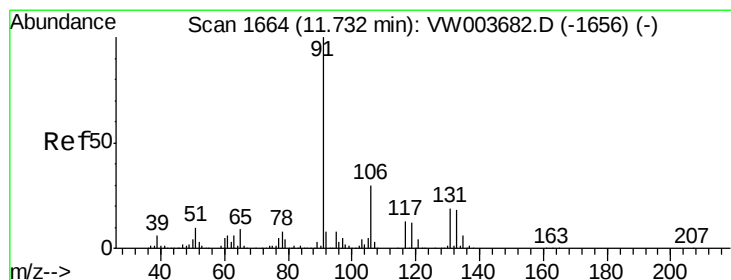
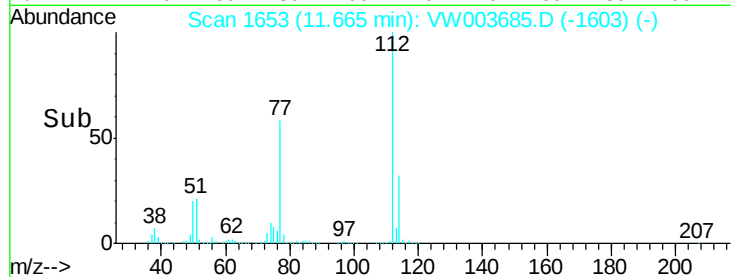
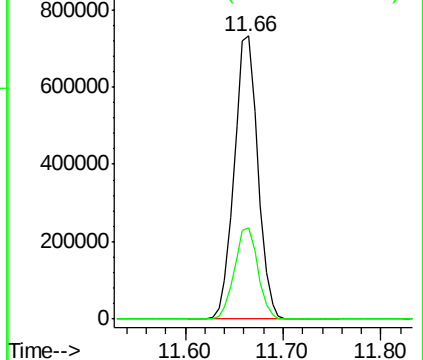
apatel

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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: 156.95 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

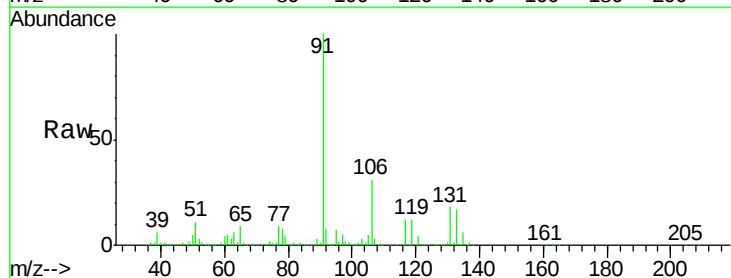
Tgt Ion:131 Resp: 435114

Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.8

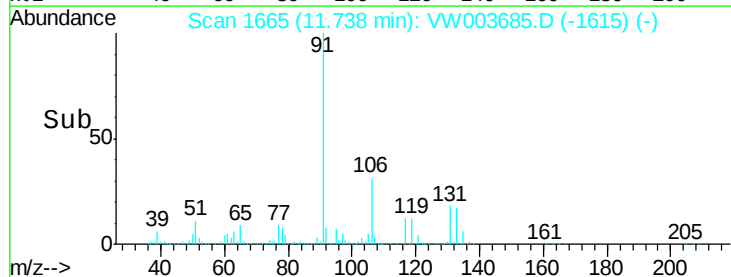
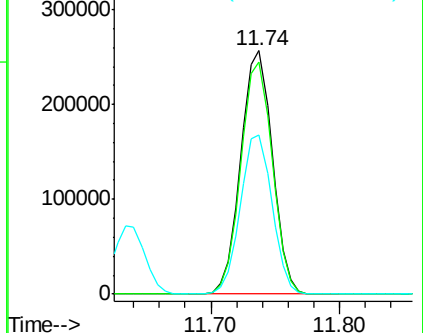
119 65.5 31.9 95.9

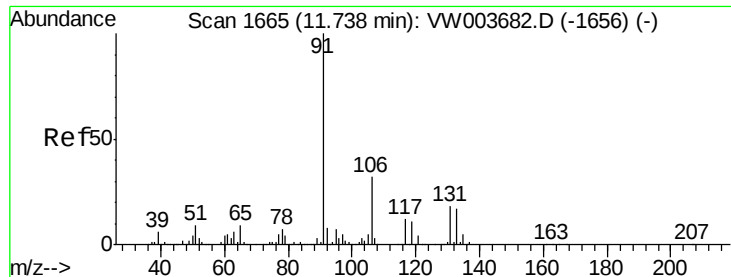


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





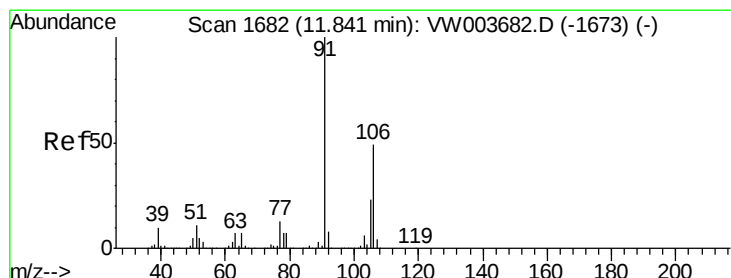
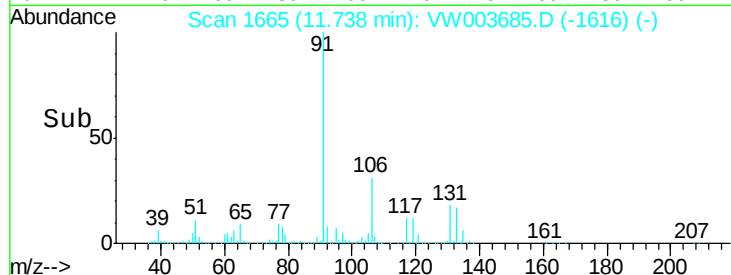
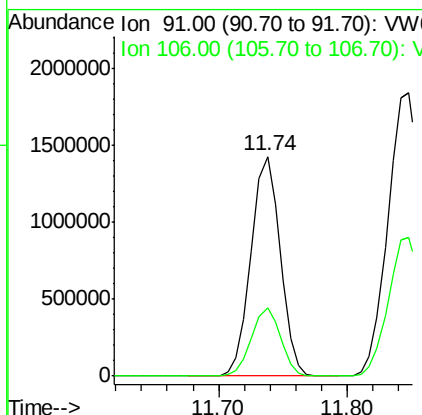
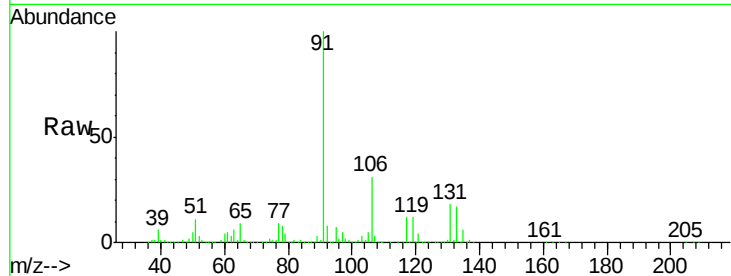
#67
Ethyl Benzene
Concen: 159.74 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion: 91 Resp: 2239223
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8

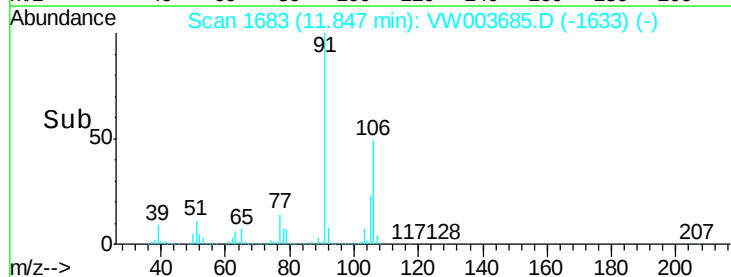
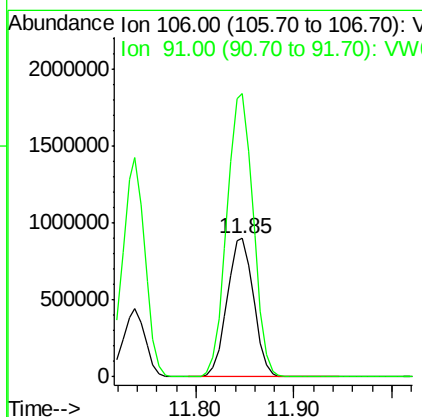
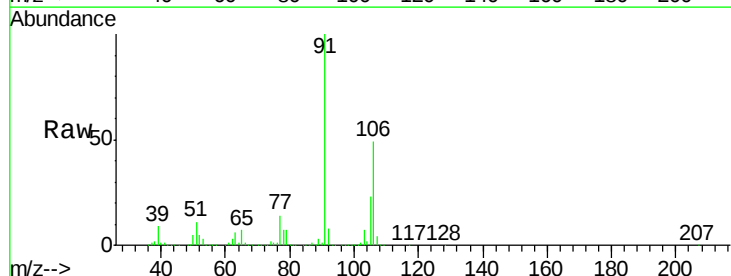
Manual Integrations
APPROVED

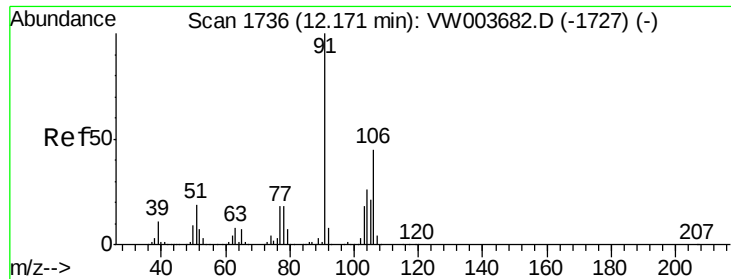
apatel
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#68
m/p-Xylenes
Concen: 315.07 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 106 Resp: 1679165
Ion Ratio Lower Upper
106 100
91 205.3 163.7 245.5





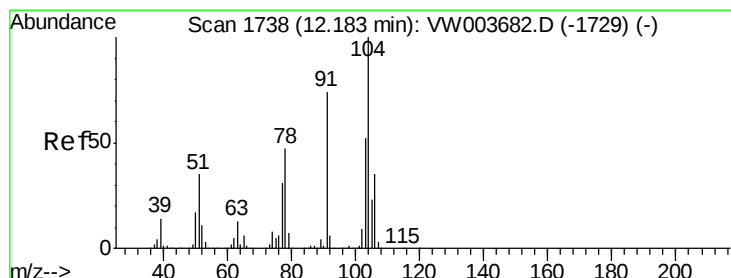
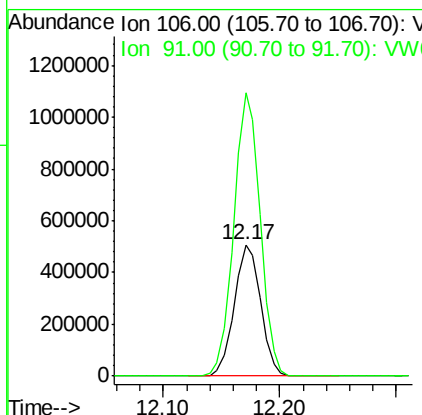
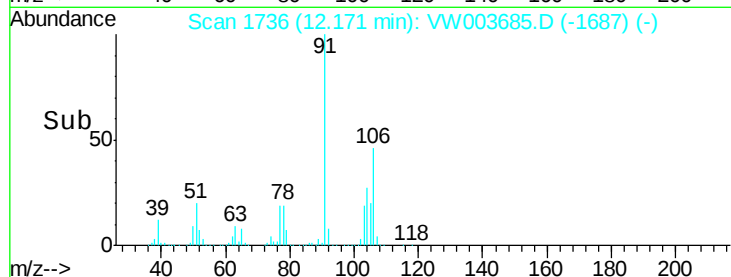
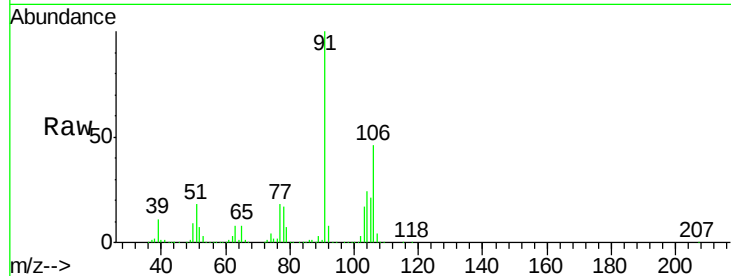
#69
o-Xylene
Concen: 162.75 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tot Ion:106 Resp: 801026
Ion Ratio Lower Upper
106 100
91 215.2 109.3 327.8

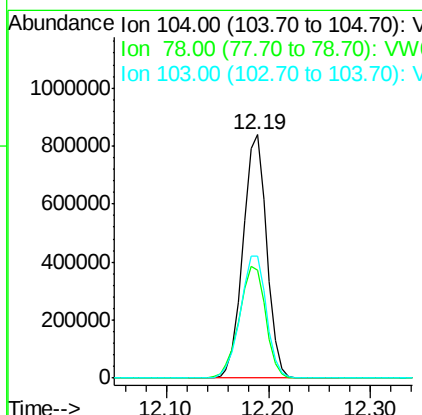
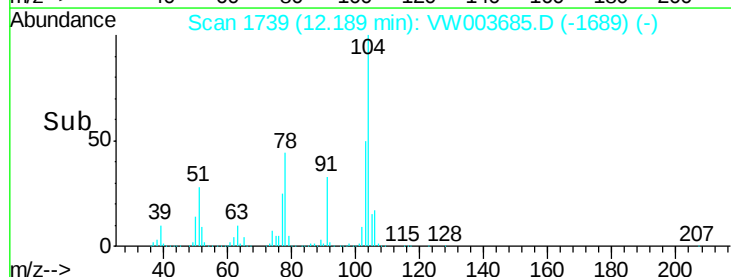
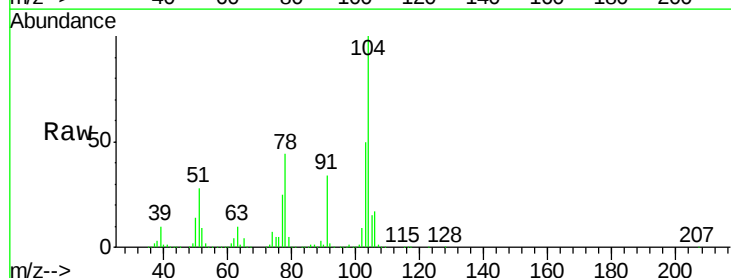
Manual Integrations
APPROVED

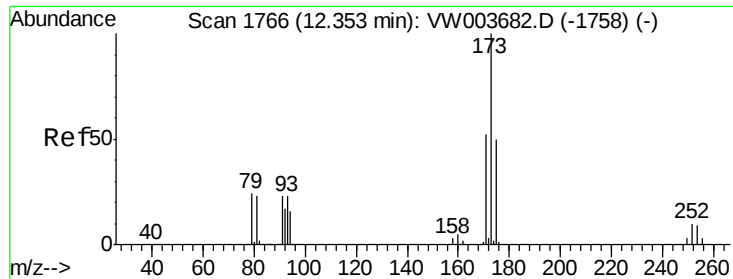
apatel
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#70
Styrene
Concen: 164.23 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion:104 Resp: 1352090
Ion Ratio Lower Upper
104 100
78 51.2 40.2 60.4
103 55.3 44.4 66.6





#71

Bromoform

Concen: 174.53 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

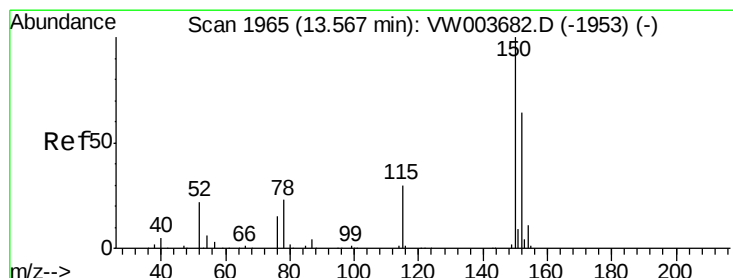
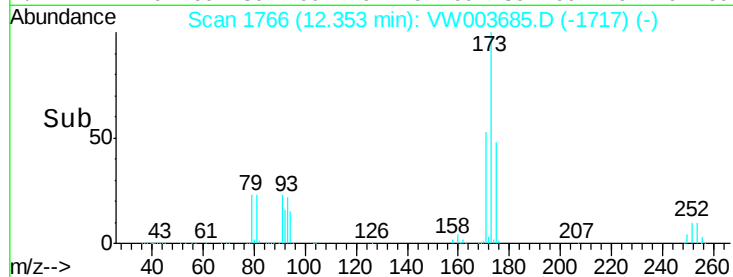
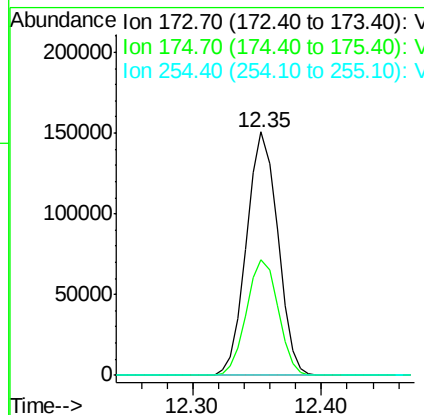
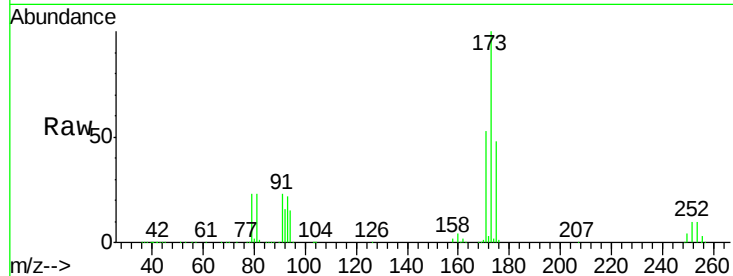
ClientSampled :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.5	73.5
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

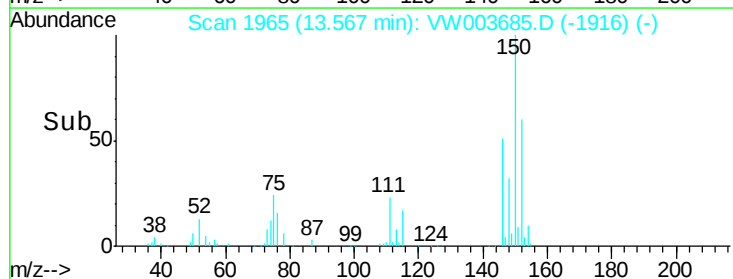
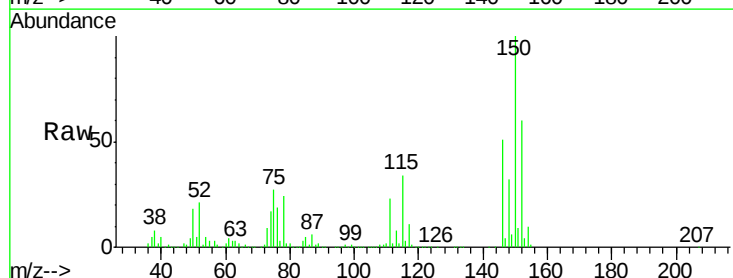
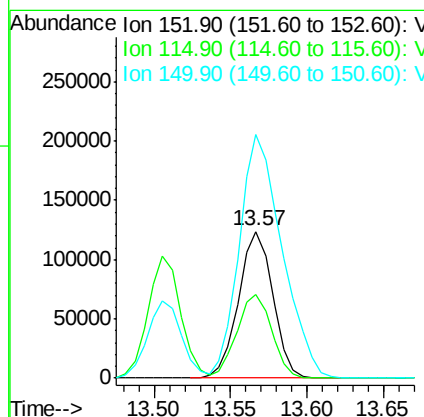
RT: 13.57 min Scan# 1965

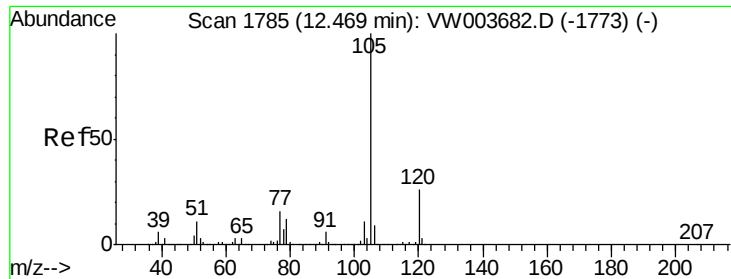
Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.3	88.0
150	207.2	0.0	352.0





#73

Isopropylbenzene

Concen: 161.54 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tot Ion: 105 Resp: 2172390

Ion Ratio Lower Upper

105 100

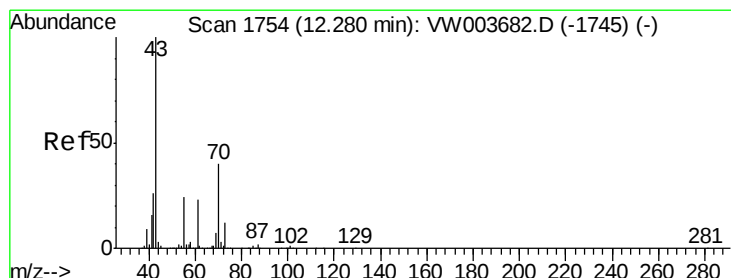
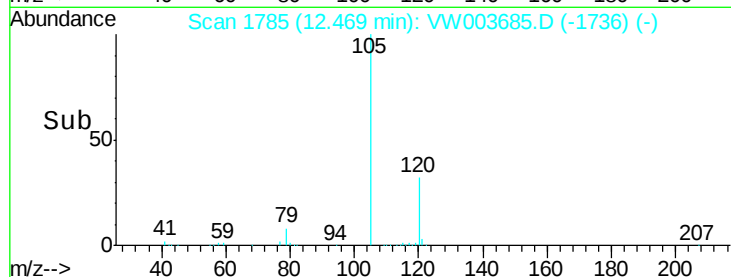
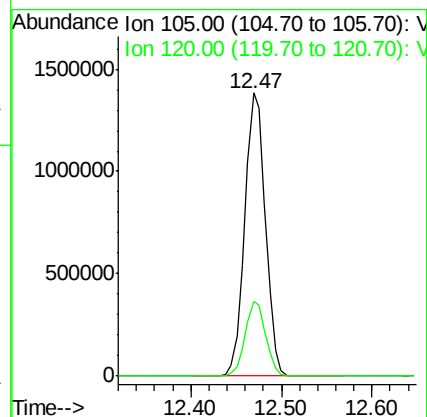
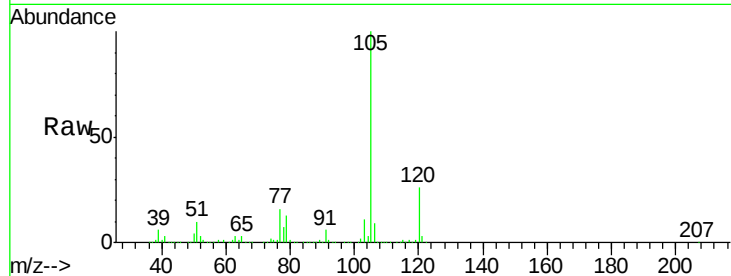
120 26.2 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 196.28 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Tgt Ion: 43 Resp: 614914

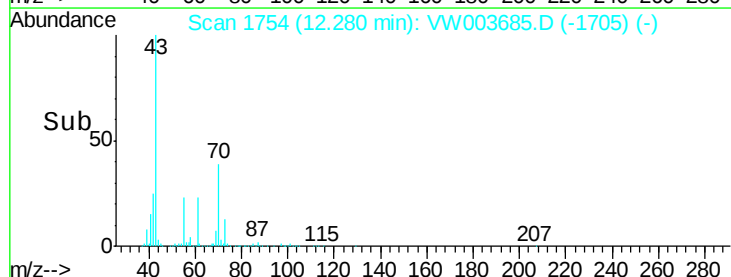
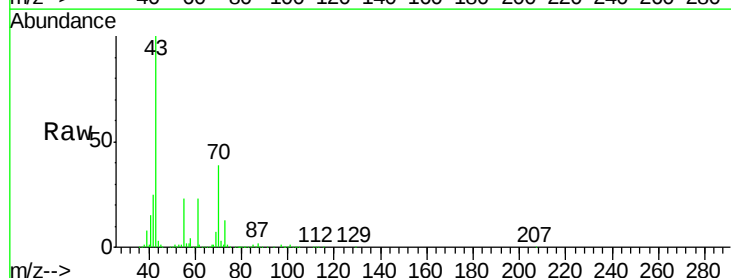
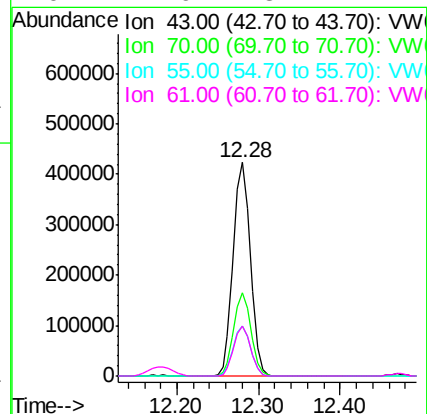
Ion Ratio Lower Upper

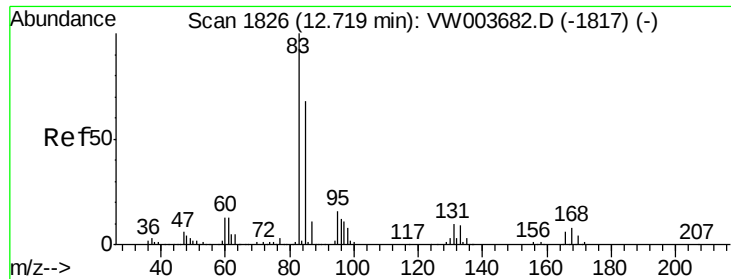
43 100

70 38.8 31.3 46.9

55 23.6 20.1 30.1

61 22.9 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 176.16 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

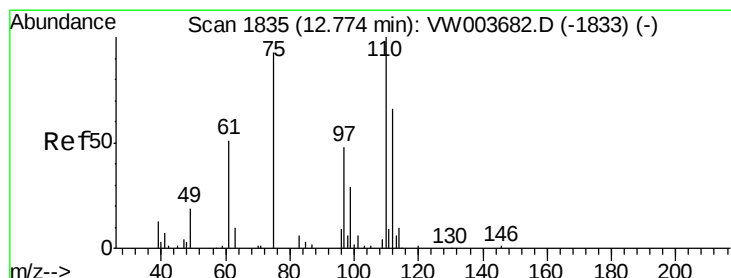
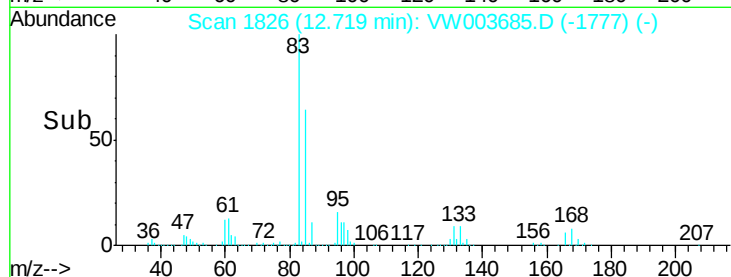
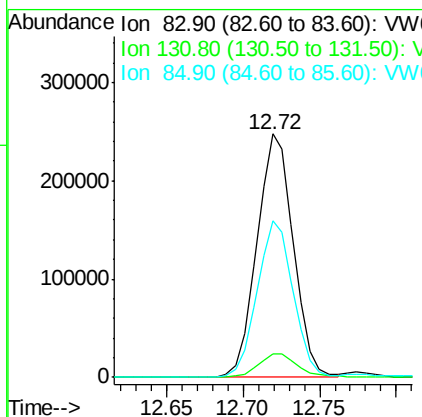
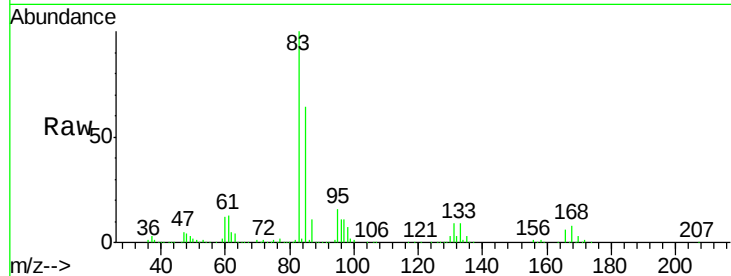
ClientSampled :

VSTDIC150

Tot Ion:	83	Resp:	409000
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	15.9
85	63.9	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 167.97 ug/l m

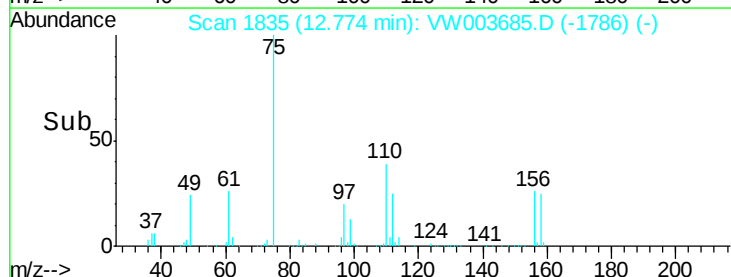
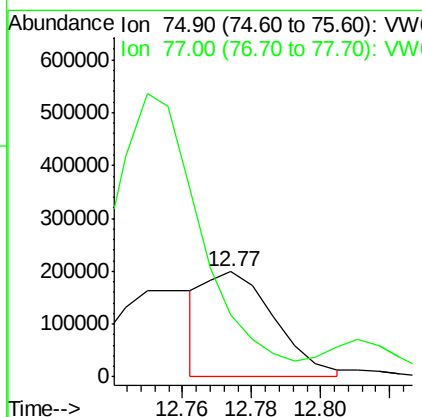
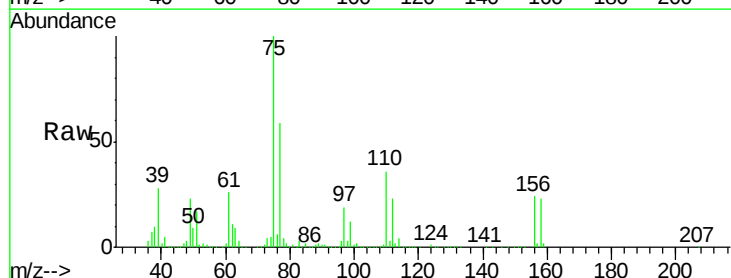
RT: 12.77 min Scan# 1835

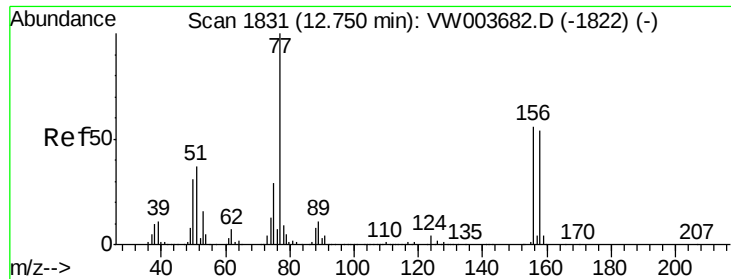
Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Tgt Ion:	75	Resp:	280179
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 157.78 ug/l

RT: 12.76 min Scan# 1832

Delta R.T. 0.01 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tot Ion:156 Resp: 496306

Ion Ratio Lower Upper

156 100

77 196.4 95.8 287.4

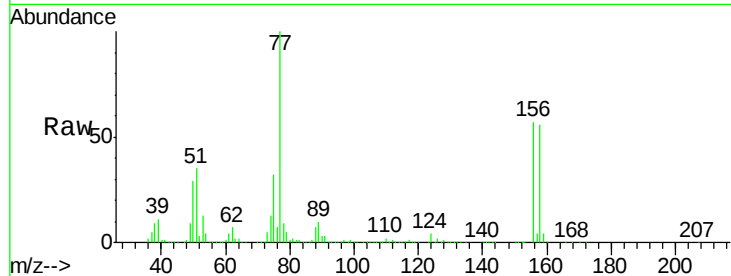
158 96.8 48.2 144.6

Manual Integrations

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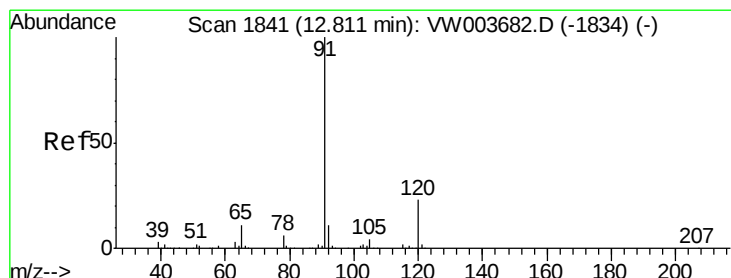
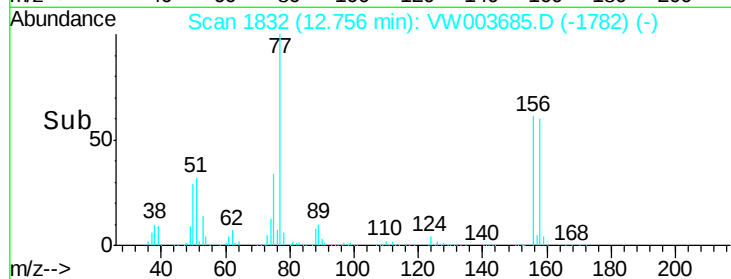
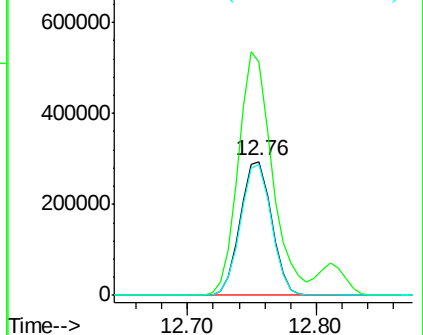
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 159.17 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003685.D

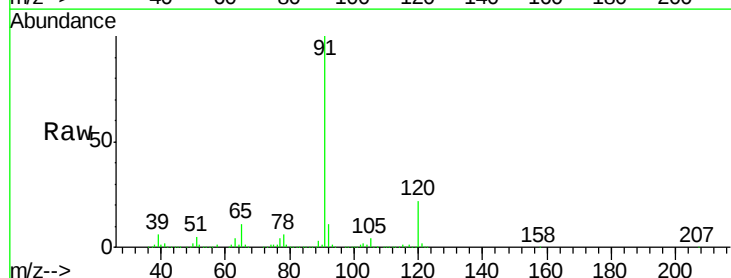
Acq: 02 Jul 2018 19:08

Tgt Ion: 91 Resp: 2628637

Ion Ratio Lower Upper

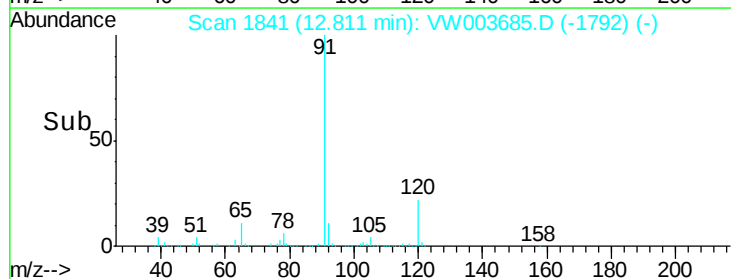
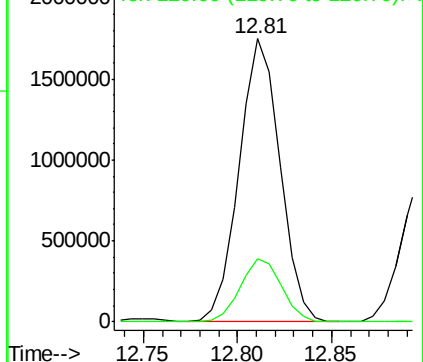
91 100

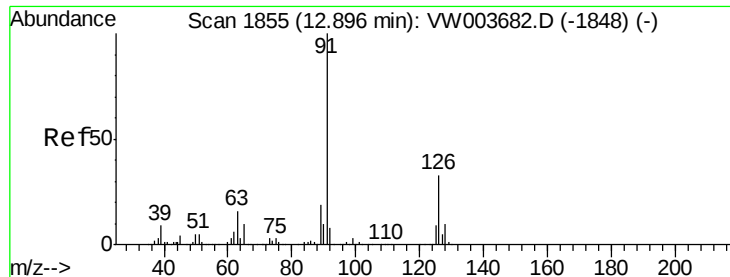
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





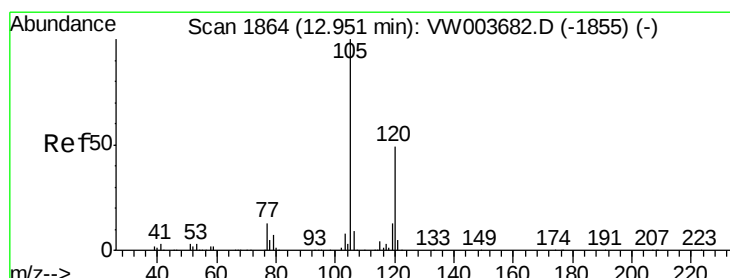
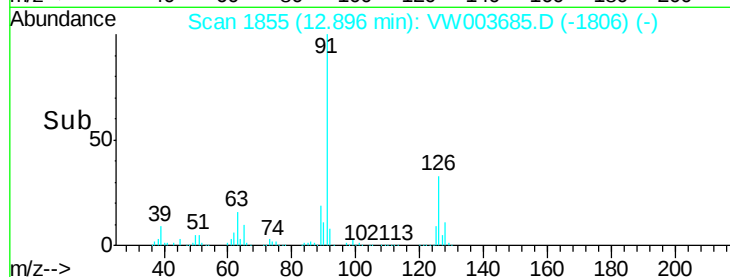
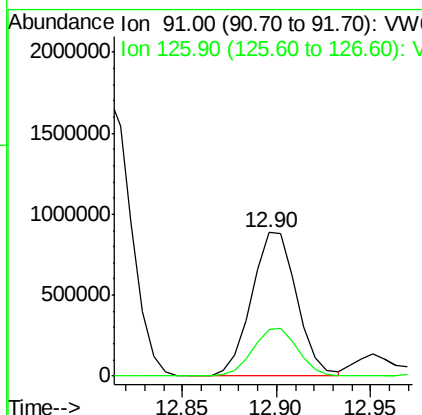
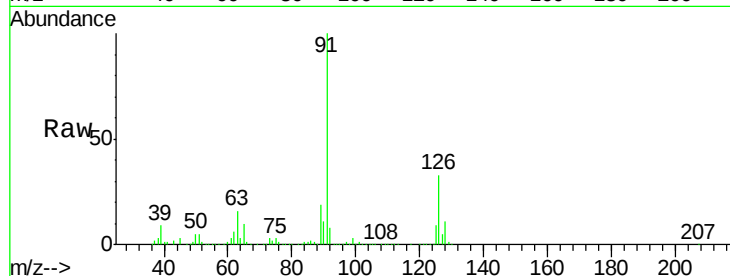
#79
 2-Chlorotoluene
 Concen: 158.41 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion: 91 Resp: 1478449
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.4 49.4

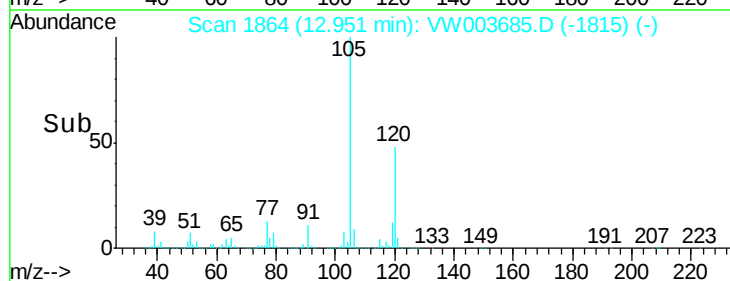
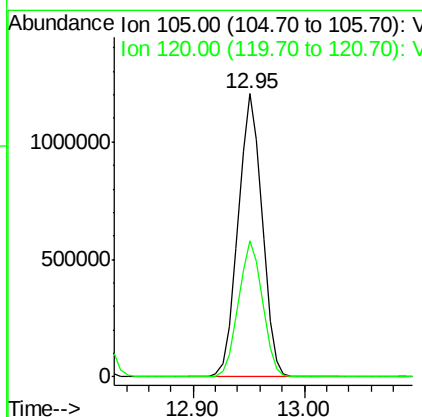
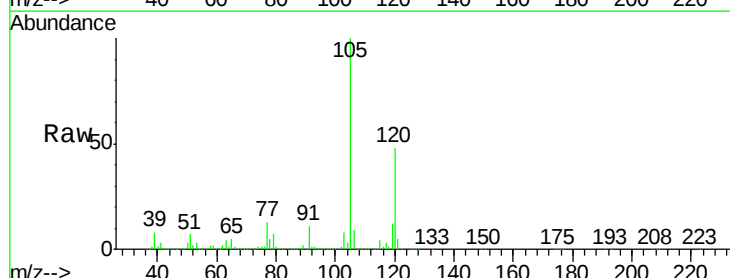
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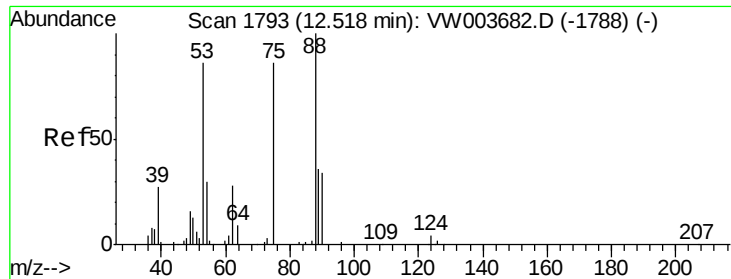
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#80
 1,3,5-Trimethylbenzene
 Concen: 158.97 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion: 105 Resp: 1796153
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 193.55 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Instrument :

MSVOA_W

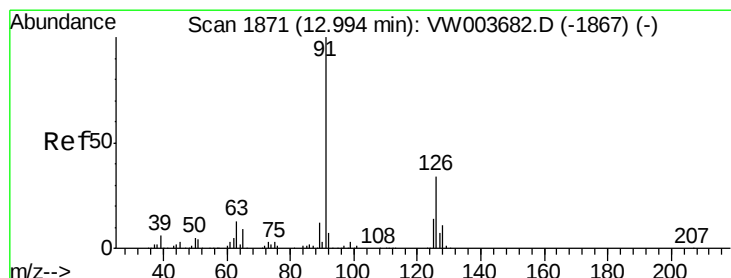
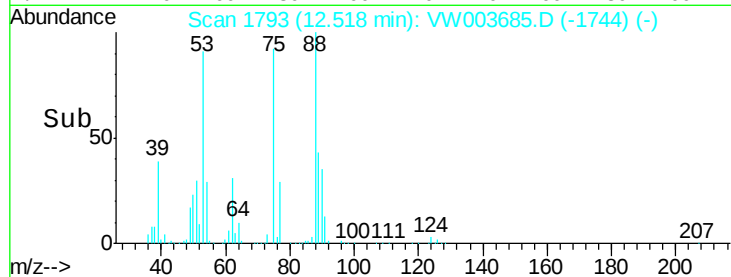
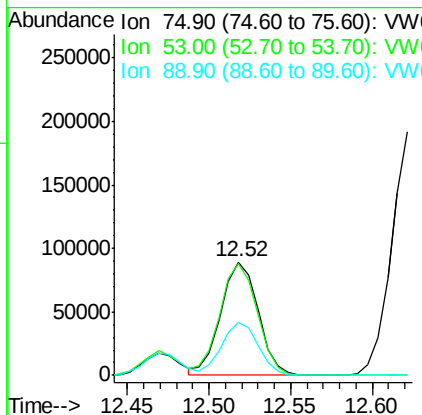
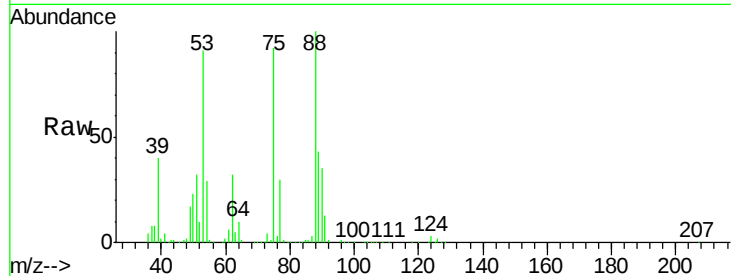
ClientSampled :

VSTDIC150

Tot Ion:	75	Resp:	142112
Ion Ratio	Lower	Upper	
75	100		
53	99.3	82.4	123.6
89	45.5	35.9	53.9

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#82

4-Chlorotoluene

Concen: 155.86 ug/l

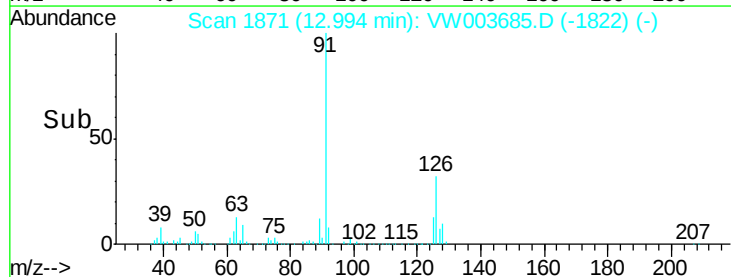
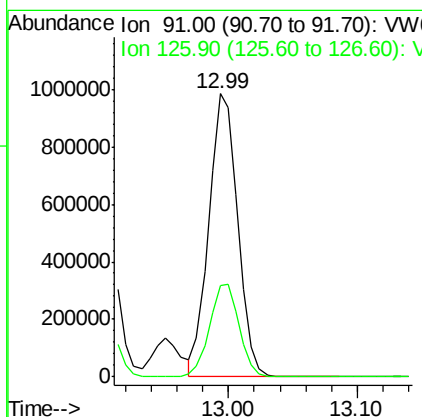
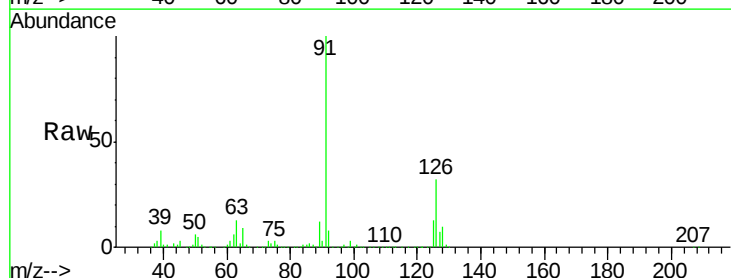
RT: 12.99 min Scan# 1871

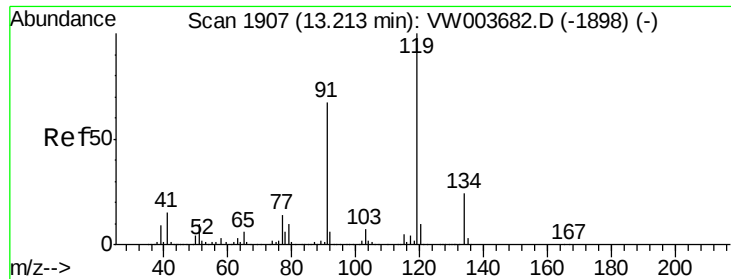
Delta R.T. 0.00 min

Lab File: VW003685.D

Acq: 02 Jul 2018 19:08

Tgt Ion:	91	Resp:	1542317
Ion Ratio	Lower	Upper	
91	100		
126	33.7	17.0	50.9





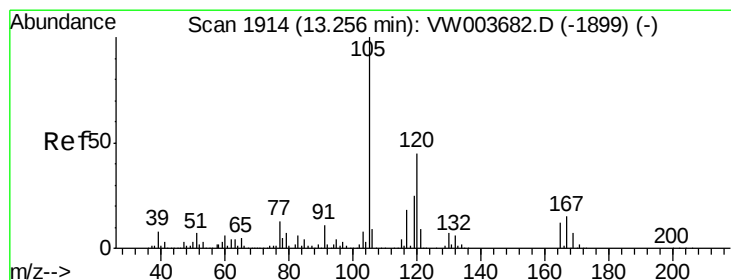
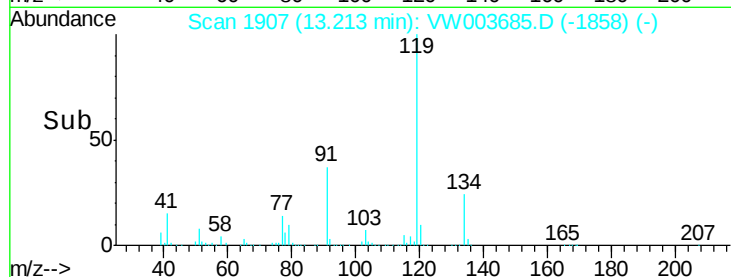
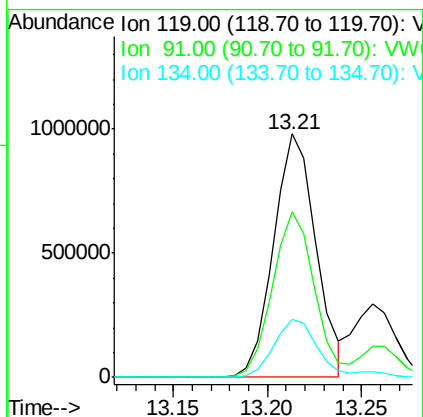
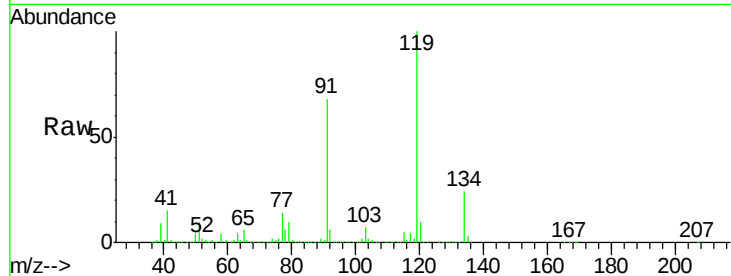
#83
 tert-Butylbenzene
 Concen: 159.28 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.6	33.8	101.3
134	26.0	13.1	39.1

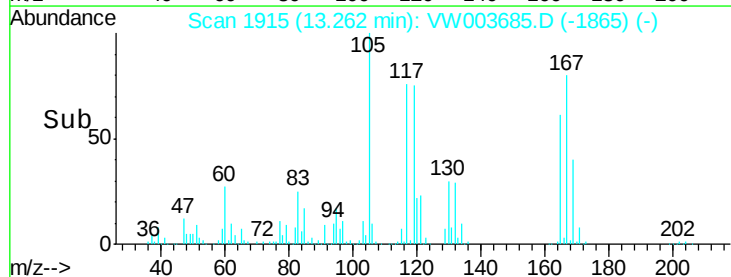
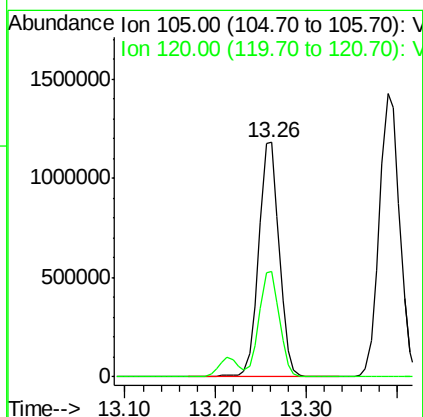
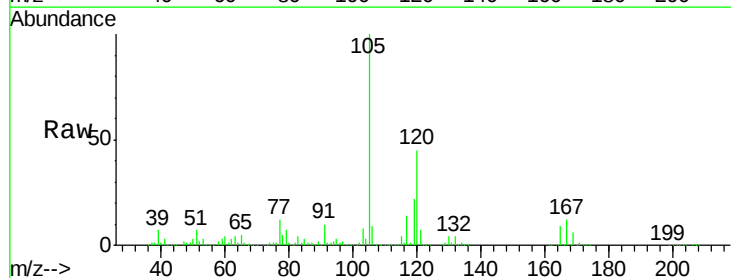
Manual Integrations
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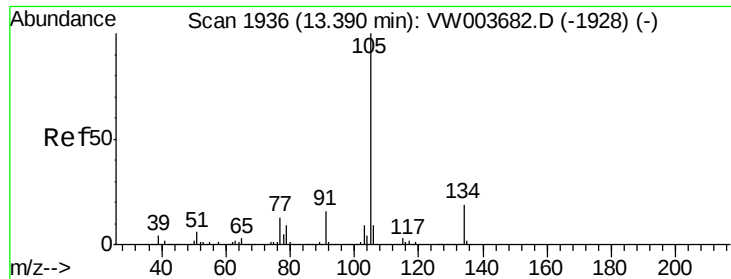
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#84
 1,2,4-Trimethylbenzene
 Concen: 158.26 ug/l
 RT: 13.26 min Scan# 1915
 Delta R.T. 0.01 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3





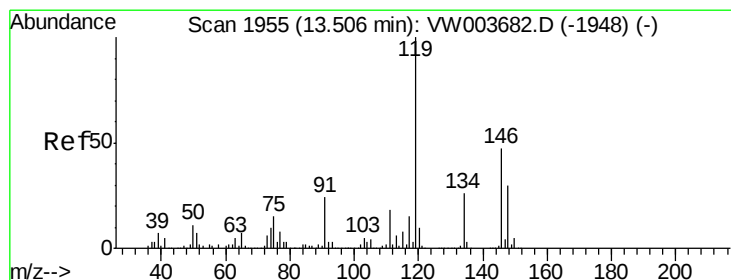
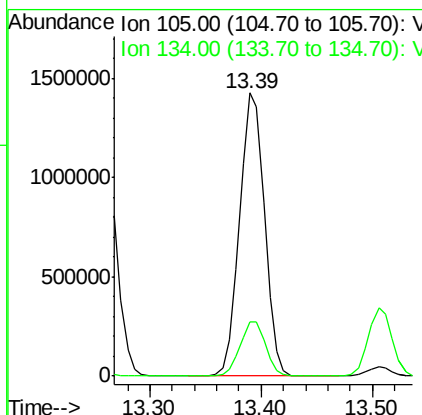
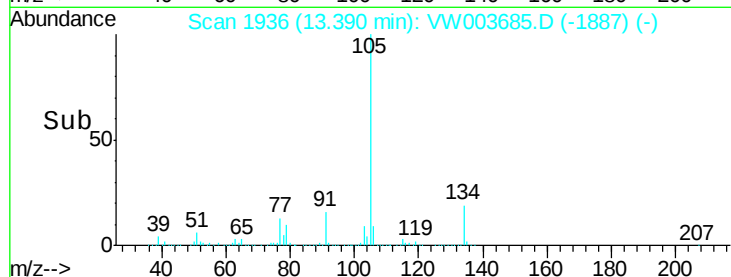
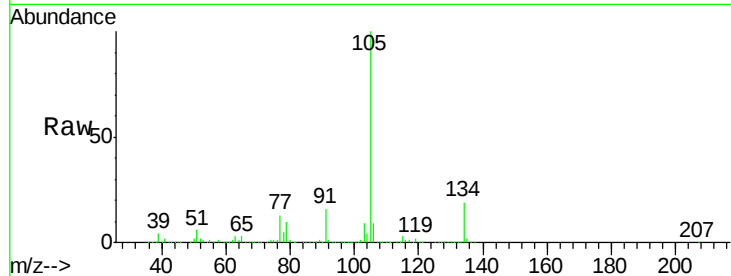
#85
 sec-Butylbenzene
 Concen: 154.84 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2215723
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.4

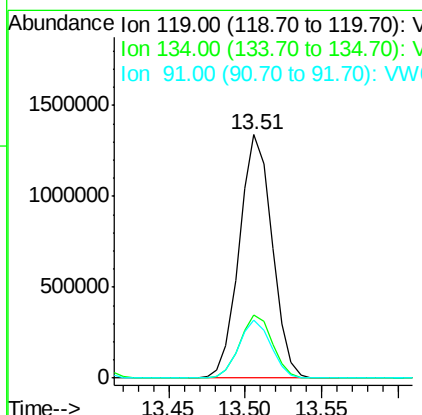
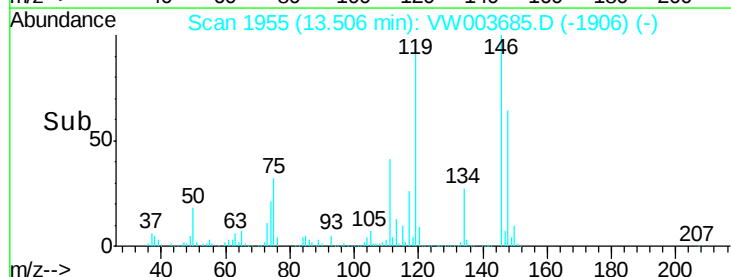
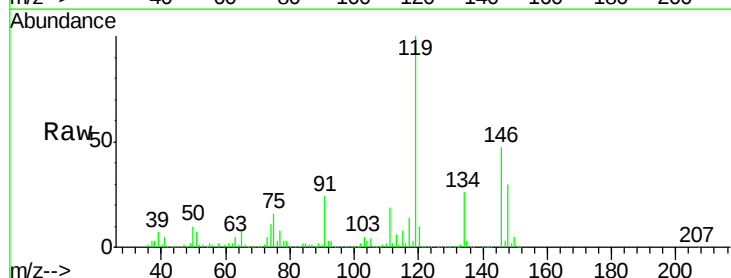
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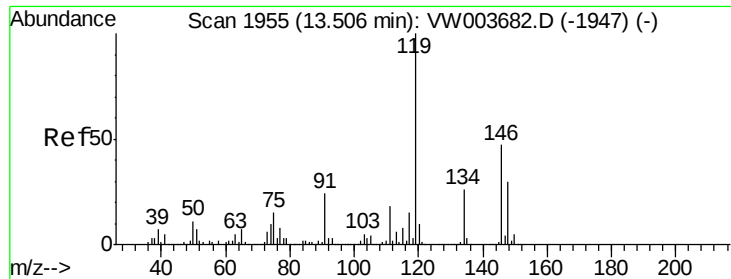
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#86
 p-Isopropyltoluene
 Concen: 157.97 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion:119 Resp: 1989364
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 23.5 11.8 35.4





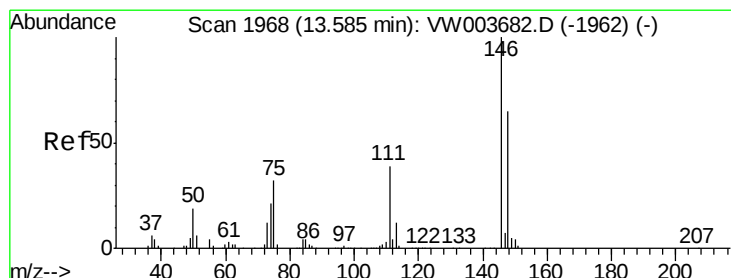
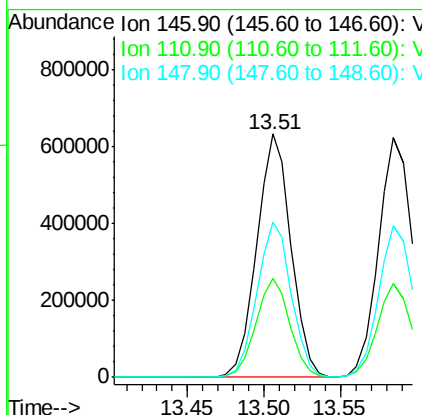
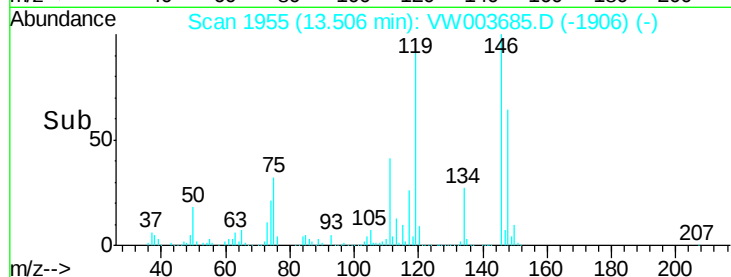
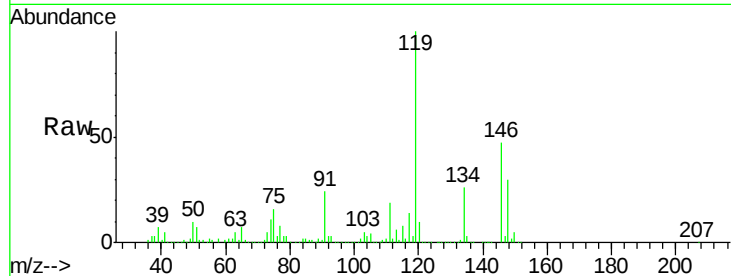
#87
 1,3-Dichlorobenzene
 Concen: 152.41 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
146	100	981701		
111	40.4	19.9	59.7	
148	64.1	31.9	95.9	

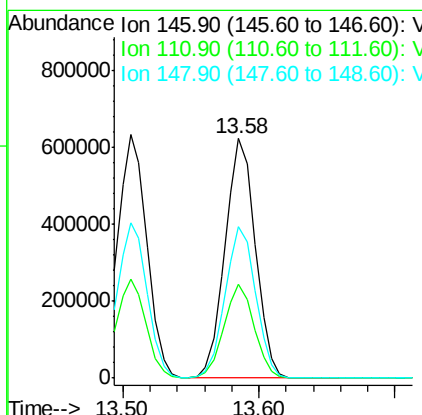
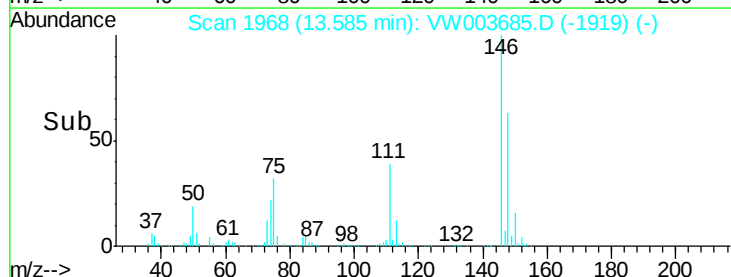
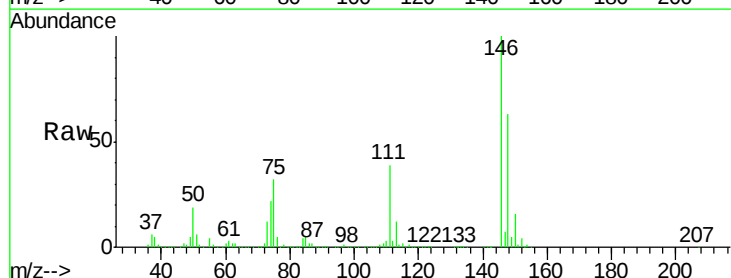
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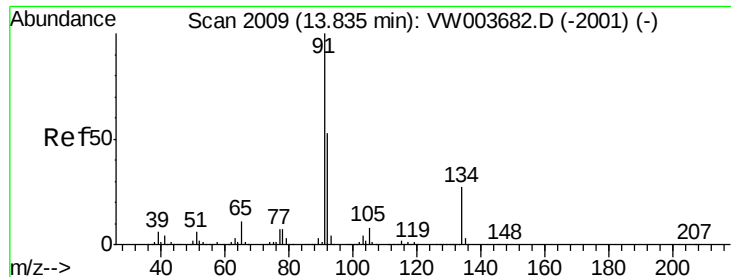
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#88
 1,4-Dichlorobenzene
 Concen: 150.31 ug/l
 RT: 13.58 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	963144		
111	38.8	19.3	57.9	
148	63.8	32.3	96.9	





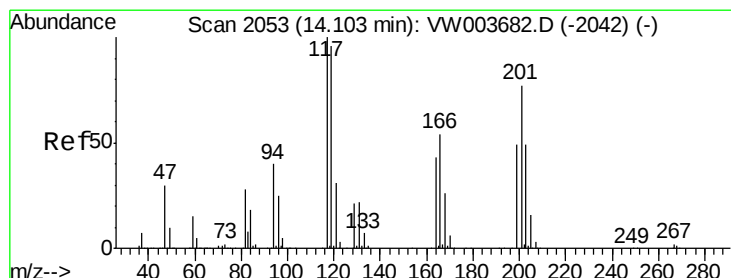
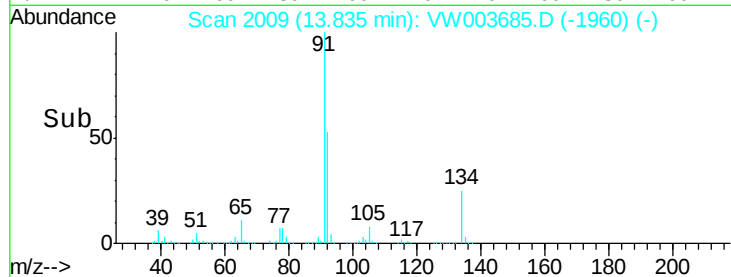
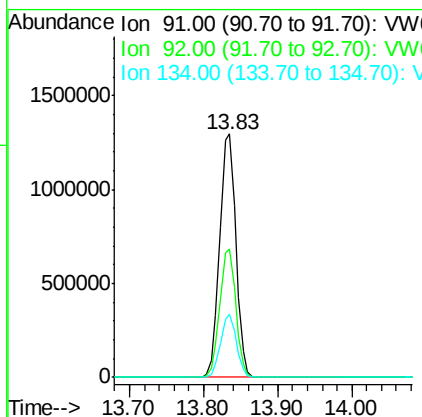
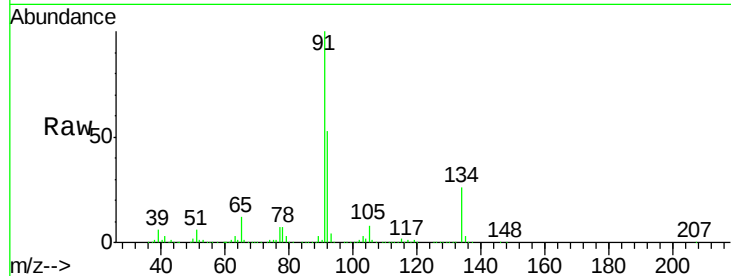
#89
n-Butylbenzene
Concen: 158.06 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1944538
Ion Ratio Lower Upper
91 100
92 52.5 26.4 79.2
134 25.2 12.7 38.1

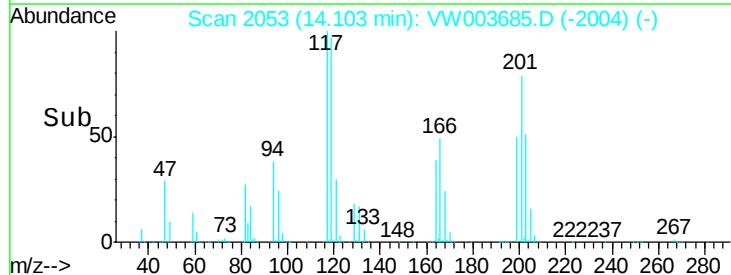
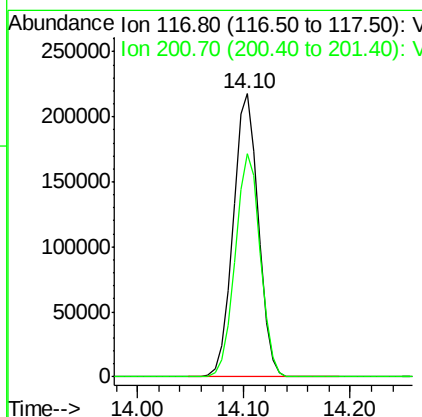
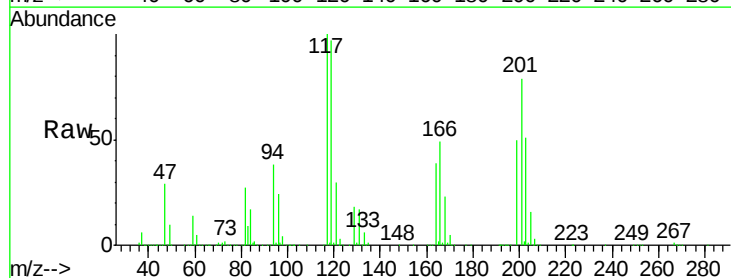
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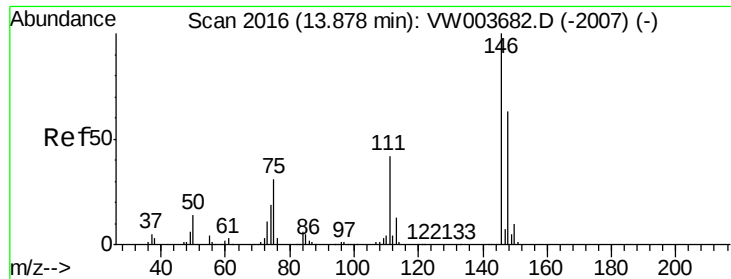
apatel
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#90
Hexachloroethane
Concen: 158.26 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion: 117 Resp: 361068
Ion Ratio Lower Upper
117 100
201 78.5 39.1 117.2





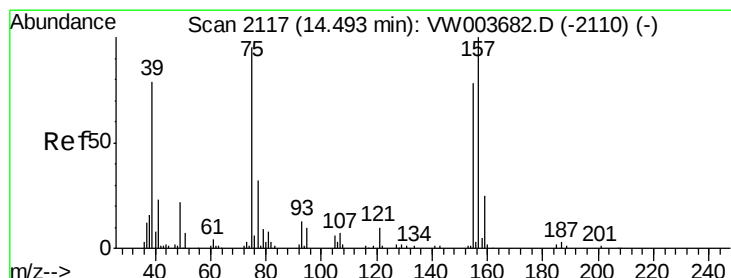
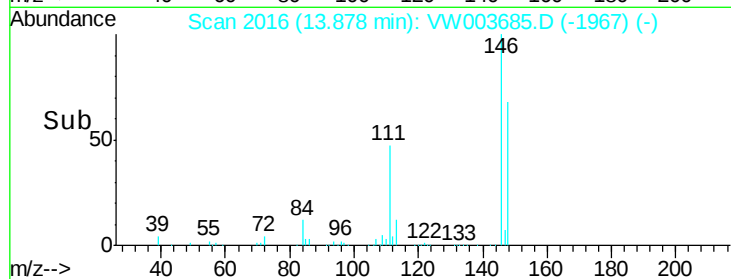
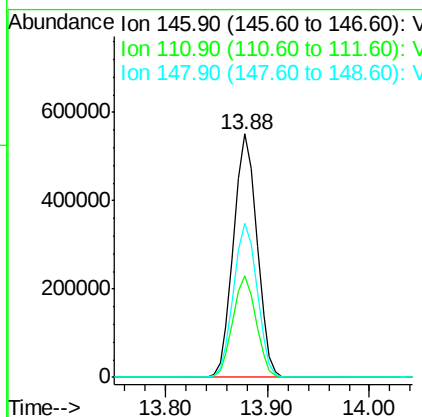
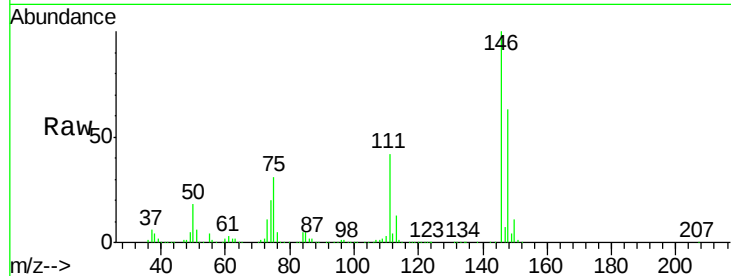
#91
 1,2-Dichlorobenzene
 Concen: 154.90 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.6	61.9
148	63.8	31.9	95.7

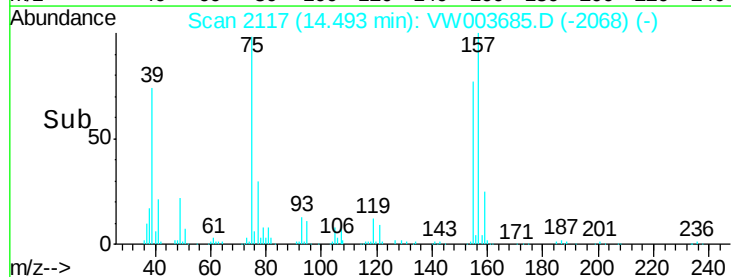
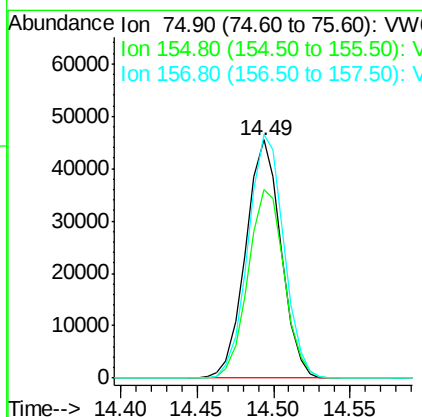
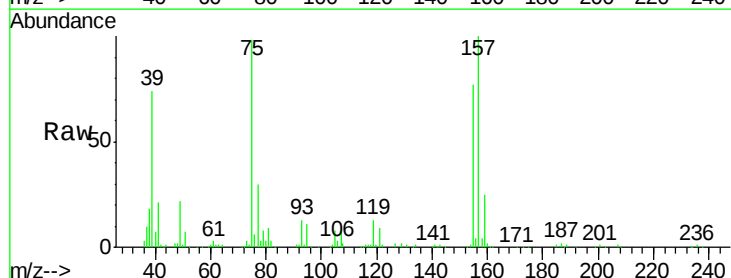
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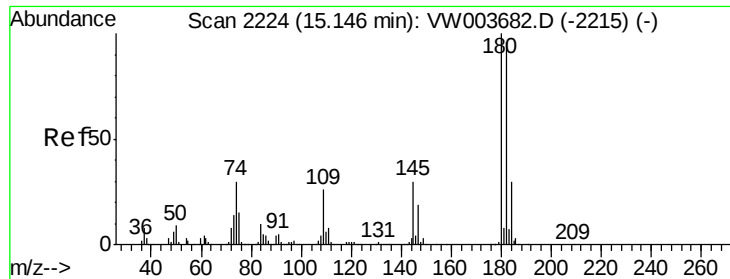
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 186.40 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.9	40.2	120.6
157	103.5	50.7	152.3





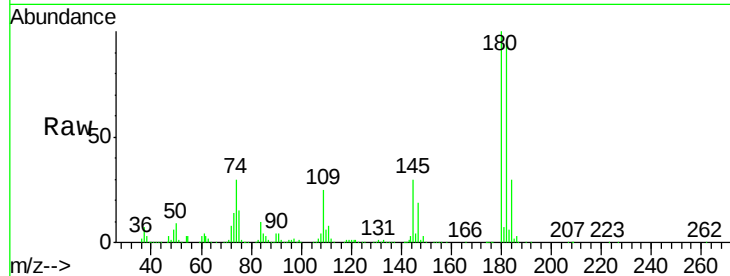
#93
 1,2,4-Trichlorobenzene
 Concen: 160.56 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

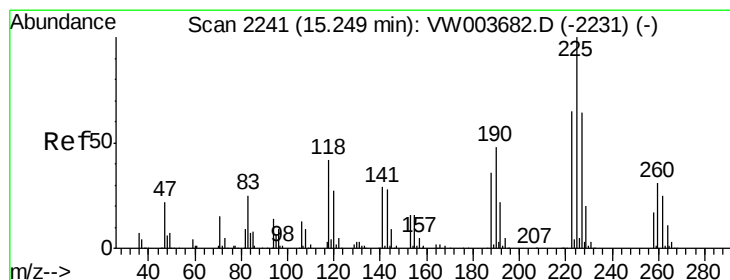
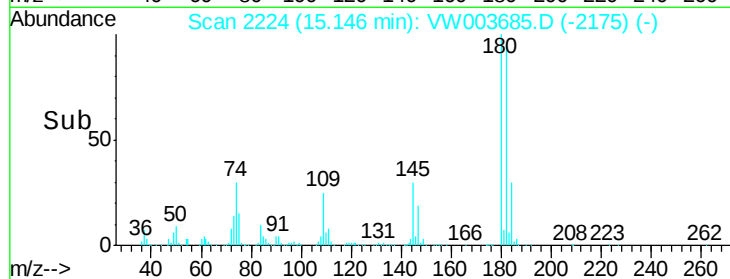
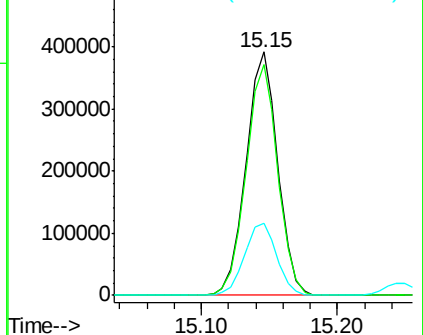
Tot Ion	Ratio	Resp	Lower	Upper
180	100	637629		
182	94.8		47.6	142.8
145	30.3		14.9	44.5

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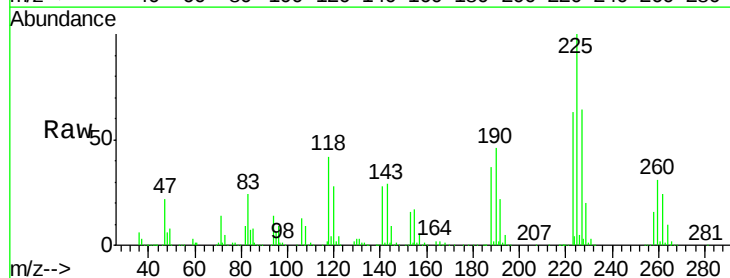


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

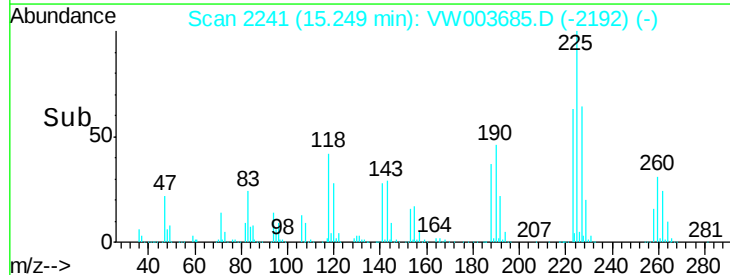
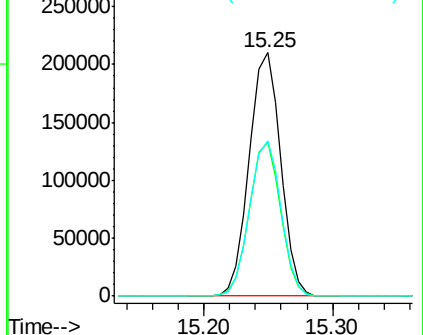


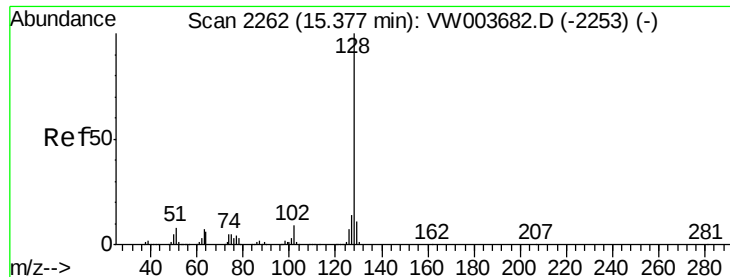
#94
 Hexachlorobutadiene
 Concen: 149.39 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003685.D
 Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	354060		
223	62.5		32.0	96.2
227	63.7		31.9	95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





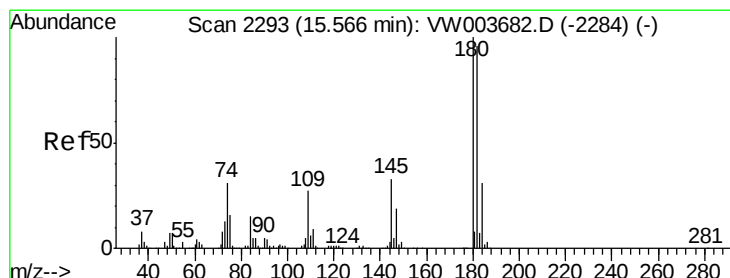
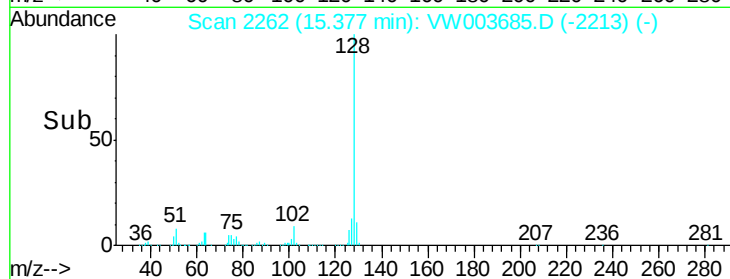
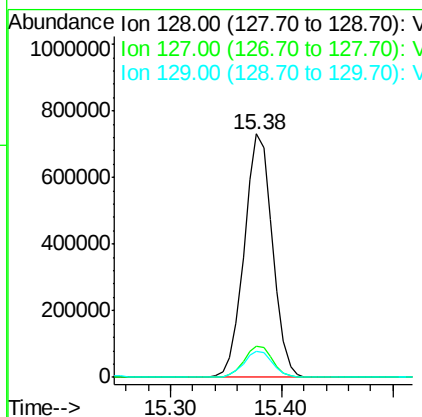
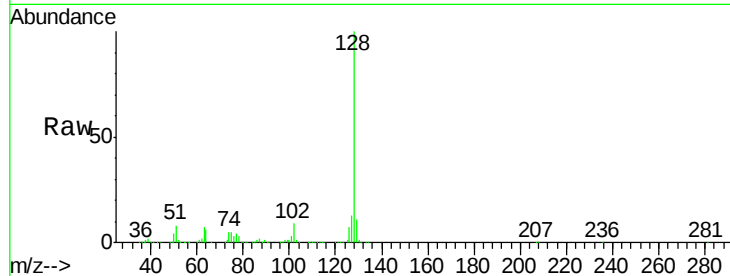
#95
Naphthalene
Concen: 187.59 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.9	8.8	13.2

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#96
1,2,3-Trichlorobenzene
Concen: 161.88 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003685.D
Acq: 02 Jul 2018 19:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.8	143.3
145	31.8	15.9	47.7

