

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\
 Data File : VW003686.D
 Acq On : 02 Jul 2018 20:00
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW070218

Manual Integrations
 APPROVED

apatel
 7/3/2018 10:16:56 AM

Quant Time: Jul 03 08:58:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	257498	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	408162	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	379465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	201237	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	159685	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
35) Dibromofluoromethane	7.88	113	137424	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	10.33	98	552844	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.62	95	199305	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	71930	51.42	ug/l	98
3) Chloromethane	2.21	50	108410	52.85	ug/l	100
4) Vinyl Chloride	2.36	62	142089	50.77	ug/l	100
5) Bromomethane	2.78	94	93707	51.07	ug/l	94
6) Chloroethane	2.92	64	85497	50.77	ug/l	99
7) Trichlorofluoromethane	3.25	101	68902	46.30	ug/l	96
8) Diethyl Ether	3.67	74	70410	51.13	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.05	101	125372	50.69	ug/l	99
10) Methyl Iodide	4.26	142	187747	51.70	ug/l	99
11) Tert butyl alcohol	5.21	59	46203	240.52	ug/l	99
12) 1,1-Dichloroethene	4.03	96	124329	50.44	ug/l	99
13) Acrolein	3.89	56	13165	141.24	ug/l	92
14) Allyl chloride	4.65	41	219694	52.11	ug/l	98
15) Acrylonitrile	5.37	53	163107	255.40	ug/l	99
16) Acetone	4.14	43	168182	229.50	ug/l	99
17) Carbon Disulfide	4.37	76	398922	53.91	ug/l	98
18) Methyl Acetate	4.67	43	75239	47.30	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	252989	52.54	ug/l	100
20) Methylene Chloride	4.92	84	138923	49.45	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	138536	51.32	ug/l	96
22) Diisopropyl ether	6.31	45	448668	51.91	ug/l	98
23) Vinyl Acetate	6.26	43	1441417	246.19	ug/l	99
24) 1,1-Dichloroethane	6.21	63	259110	50.27	ug/l	98
25) 2-Butanone	7.18	43	228930	243.98	ug/l	99
26) 2,2-Dichloropropane	7.17	77	145974	46.19	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	149403	50.82	ug/l	99
28) Bromochloromethane	7.51	49	113904	50.27	ug/l	100
29) Tetrahydrofuran	7.54	42	145498	258.67	ug/l	100
30) Chloroform	7.68	83	258243	49.55	ug/l	95
31) Cyclohexane	7.95	56	239036	50.93	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	204525	50.41	ug/l	99
36) 1,1-Dichloropropene	8.08	75	211381	51.59	ug/l	100
37) Ethyl Acetate	7.26	43	101806	51.05	ug/l	100
38) Carbon Tetrachloride	8.07	117	196586	50.44	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\
 Data File : VW003686.D
 Acq On : 02 Jul 2018 20:00
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW070218

Manual Integrations
 APPROVED

apatel
 7/3/2018 10:16:56 AM

Quant Time: Jul 03 08:58:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 03 08:55:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	255652	54.18	ug/l	97
40) Benzene	8.32	78	585804	50.87	ug/l	100
41) Methacrylonitrile	7.49	41	59473	52.46	ug/l	97
42) 1,2-Dichloroethane	8.40	62	182534	50.34	ug/l	100
43) Isopropyl Acetate	8.43	43	195712	52.10	ug/l	99
44) Trichloroethene	9.09	130	151151	50.77	ug/l	97
45) 1,2-Dichloropropane	9.37	63	150957	50.53	ug/l	99
46) Dibromomethane	9.46	93	78495	50.59	ug/l	99
47) Bromodichloromethane	9.65	83	192049	50.08	ug/l	99
48) Methyl methacrylate	9.44	41	94245	47.65	ug/l	99
49) 1,4-Dioxane	9.46	88	25891	1063.82	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	514900	260.15	ug/l	99
52) Toluene	10.39	92	371906	51.75	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	204607	51.42	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	230383	51.07	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	109232	49.97	ug/l	98
56) Ethyl methacrylate	10.65	69	146842	47.53	ug/l	99
57) 1,3-Dichloropropane	10.93	76	191418	50.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	280657	240.22	ug/l	99
59) 2-Hexanone	10.98	43	360734	254.96	ug/l	99
60) Dibromochloromethane	11.13	129	128331	50.22	ug/l	100
61) 1,2-Dibromoethane	11.24	107	105291	50.29	ug/l	100
64) Tetrachloroethene	10.87	164	131705	51.35	ug/l	95
65) Chlorobenzene	11.66	112	401907	50.38	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	140817	50.51	ug/l	98
67) Ethyl Benzene	11.74	91	730949	52.29	ug/l	98
68) m/p-Xylenes	11.85	106	559446	105.25	ug/l	100
69) o-Xylene	12.17	106	259021	52.71	ug/l	100
70) Styrene	12.19	104	439458	53.25	ug/l	99
71) Bromoform	12.35	173	78039	50.37	ug/l #	100
73) Isopropylbenzene	12.47	105	720133	52.61	ug/l	100
74) N-amyl acetate	12.28	43	193025	53.40	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	133538	49.87	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	106451m	58.83	ug/l	
77) Bromobenzene	12.75	156	166288	50.62	ug/l	99
78) n-propylbenzene	12.81	91	894473	52.89	ug/l	100
79) 2-Chlorotoluene	12.90	91	495911	51.53	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	611838	52.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	43669	51.14	ug/l	99
82) 4-Chlorotoluene	12.99	91	531934	52.07	ug/l	99
83) tert-Butylbenzene	13.21	119	518322	53.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	630022	52.85	ug/l	99
85) sec-Butylbenzene	13.39	105	768178	52.85	ug/l	100
86) p-Isopropyltoluene	13.51	119	675691	53.15	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	337778	50.66	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	333996	50.13	ug/l	99
89) n-Butylbenzene	13.83	91	668854	53.21	ug/l	99
90) Hexachloroethane	14.10	117	119789	50.72	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	302710	50.78	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	23619	50.63	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\
Data File : VW003686.D
Acq On : 02 Jul 2018 20:00
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM

Quant Time: Jul 03 08:58:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 03 08:55:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	217373	51.71	ug/l	99
94) Hexachlorobutadiene	15.25	225	123622	50.92	ug/l	99
95) Naphthalene	15.38	128	409746	53.75	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	192084	51.30	ug/l	99

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

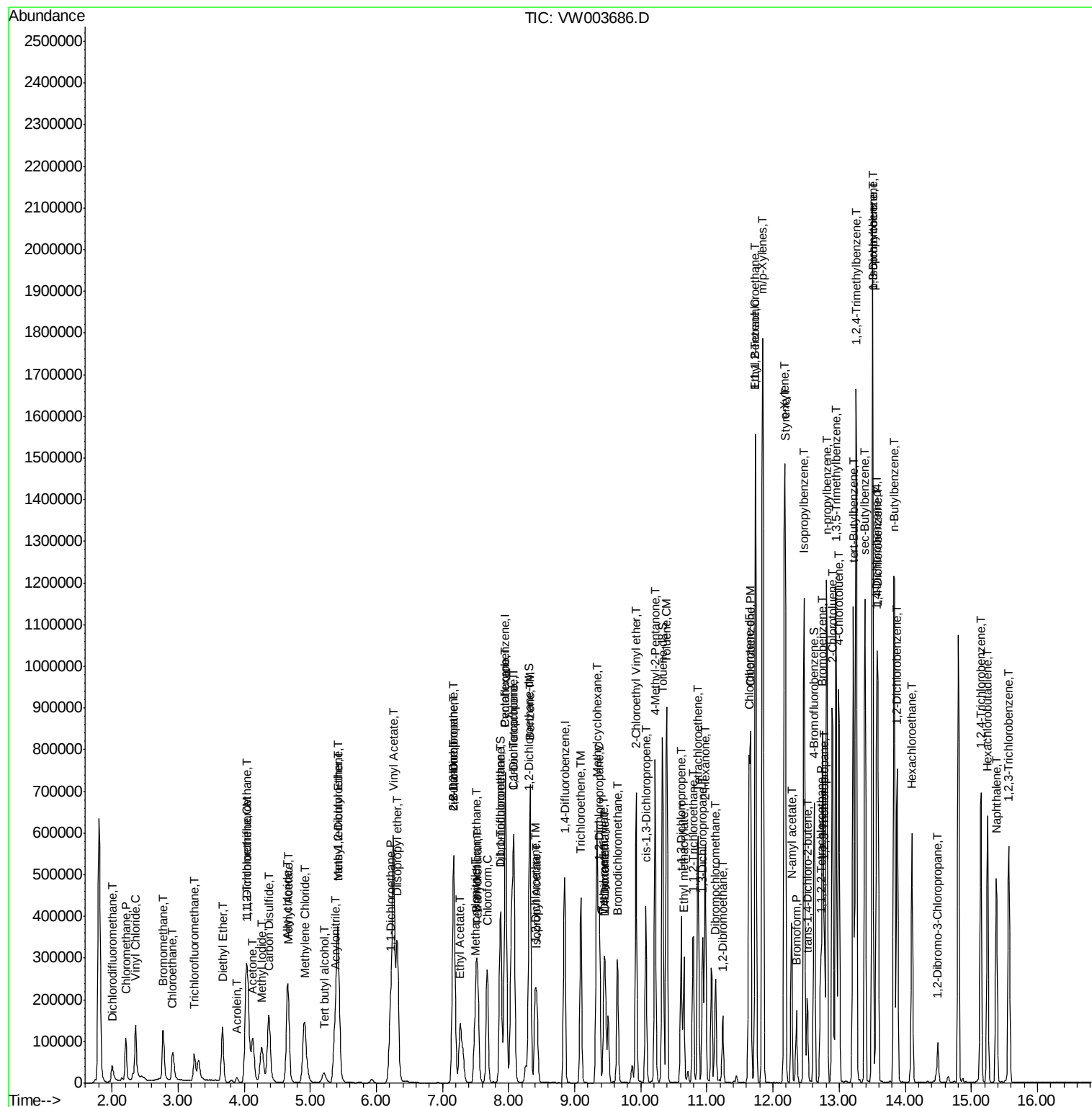
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070218\
Data File : VW003686.D
Acq On : 02 Jul 2018 20:00
Operator : SY/AP
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 12 Sample Multiplier: 1

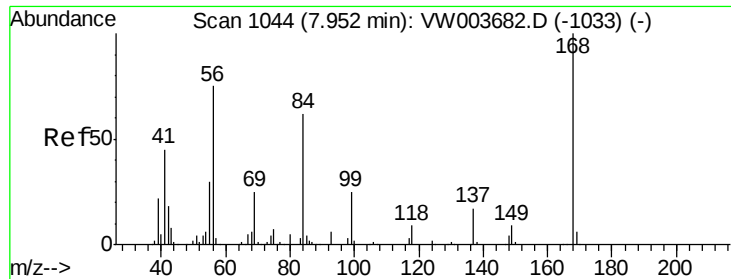
Instrument :
MSVOA_W
ClientSampleId :
ICVVW070218

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM

Quant Time: Jul 03 08:58:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070218S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 03 08:55:34 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

Tot Ion:168 Resp: 257498

Ion Ratio Lower Upper

168 100

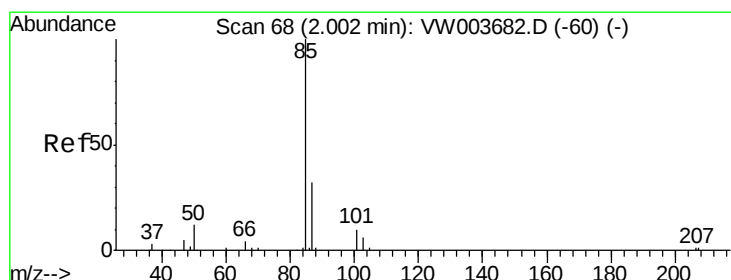
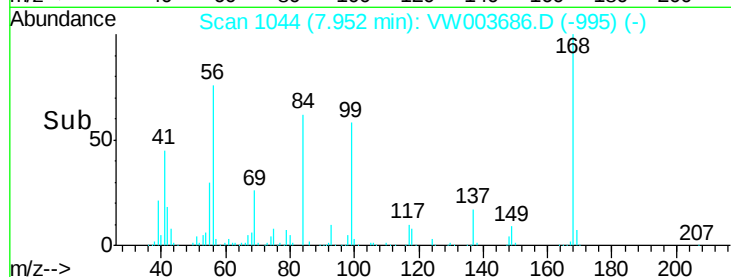
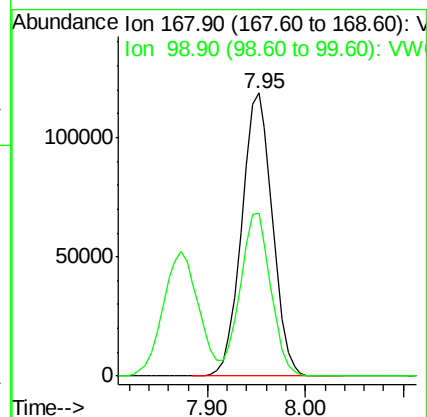
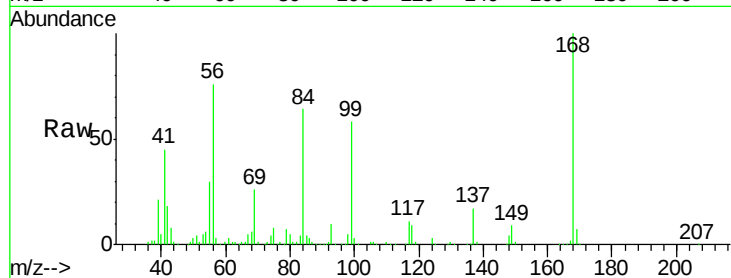
99 57.6 45.4 68.2

Manual Integrations

APPROVED

apatel

7/3/2018 10:16:56 AM



#2

Dichlorodifluoromethane

Concen: 51.42 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003686.D

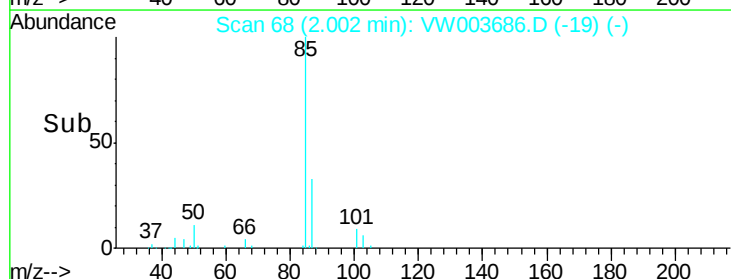
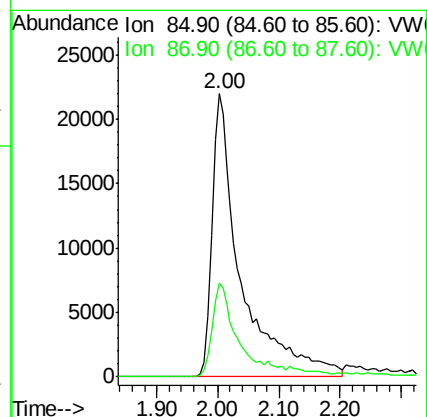
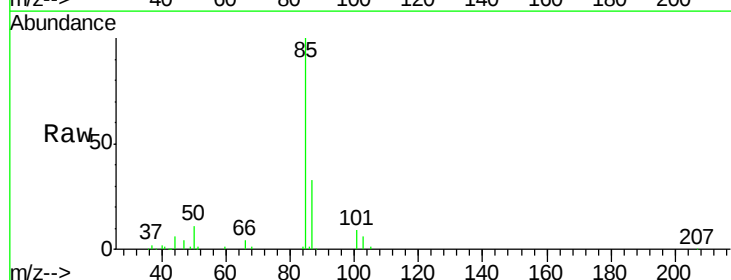
Acq: 02 Jul 2018 20:00

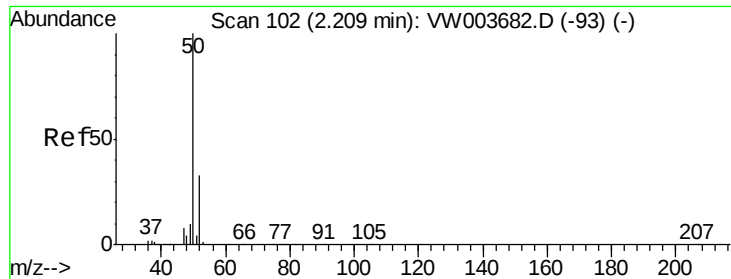
Tgt Ion: 85 Resp: 71930

Ion Ratio Lower Upper

85 100

87 33.2 16.0 47.9





#3

Chloromethane

Concen: 52.85 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

Tot Ion: 50 Resp: 108410

Ion Ratio Lower Upper

50 100

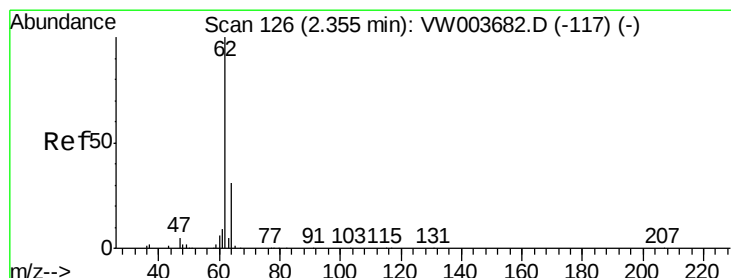
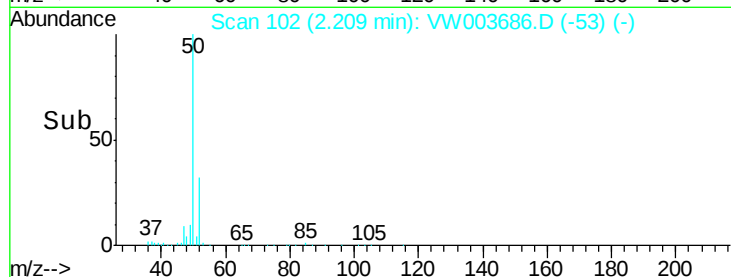
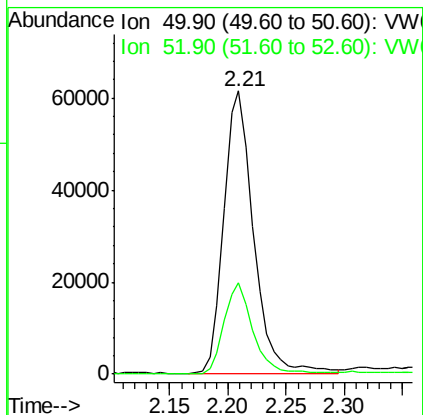
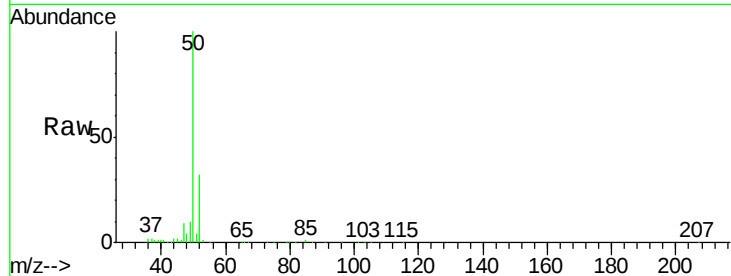
52 32.4 26.1 39.1

Manual Integrations

APPROVED

apatel

7/3/2018 10:16:56 AM



#4

Vinyl Chloride

Concen: 50.77 ug/l

RT: 2.36 min Scan# 126

Delta R.T. 0.00 min

Lab File: VW003686.D

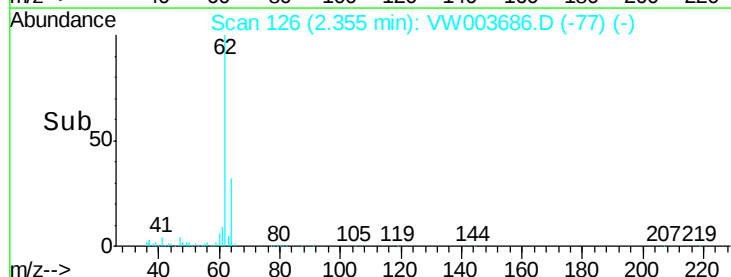
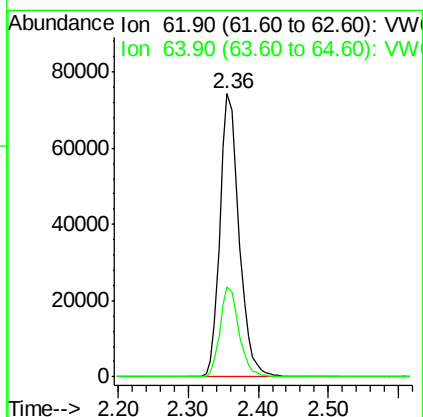
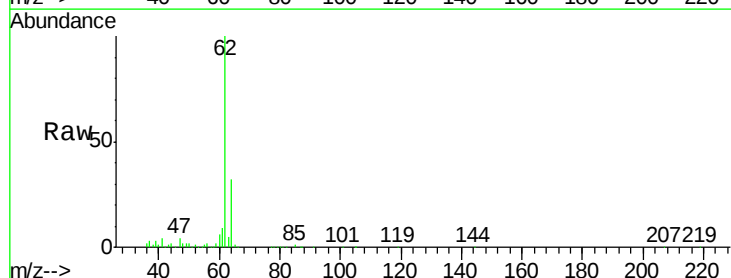
Acq: 02 Jul 2018 20:00

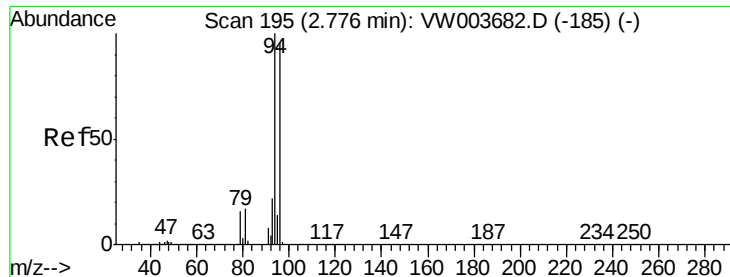
Tgt Ion: 62 Resp: 142089

Ion Ratio Lower Upper

62 100

64 31.6 25.1 37.7





#5

Bromomethane

Concen: 51.07 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

Tot Ion: 94 Resp: 93707

Ion Ratio Lower Upper

94 100

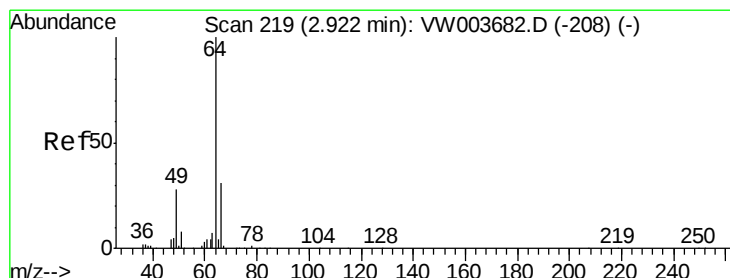
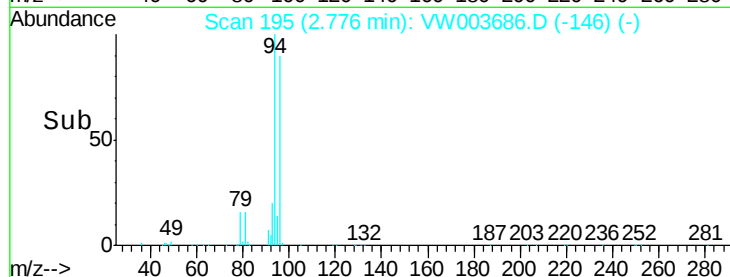
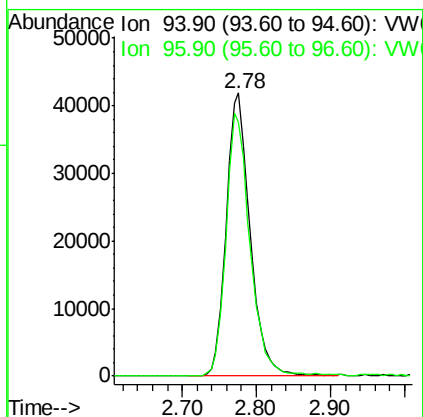
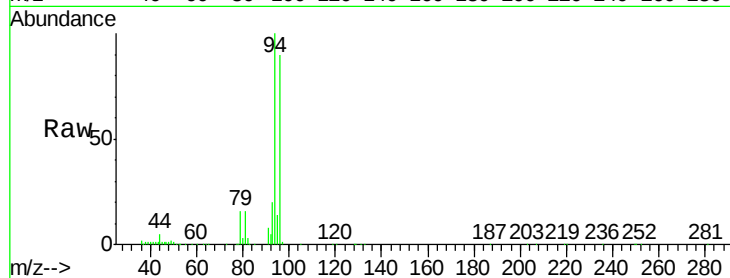
96 90.1 76.6 115.0

Manual Integrations

APPROVED

apatel

7/3/2018 10:16:56 AM



#6

Chloroethane

Concen: 50.77 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003686.D

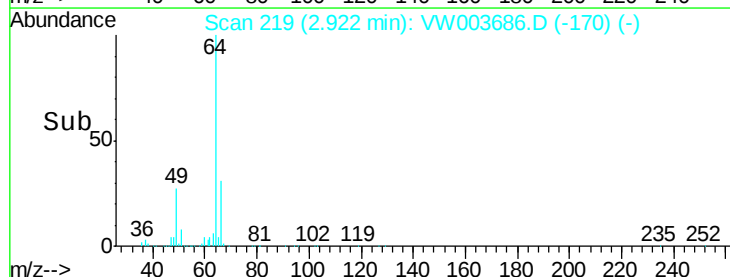
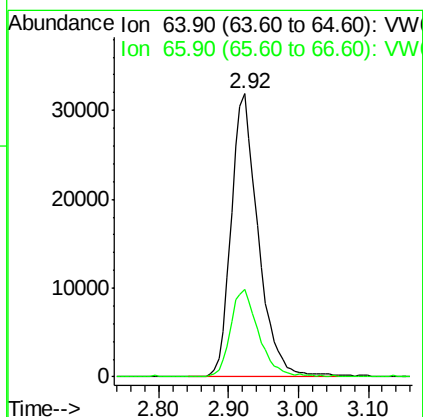
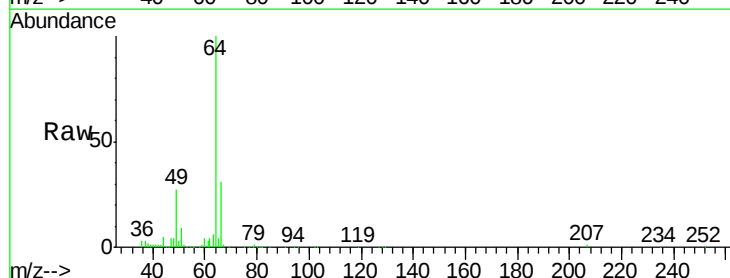
Acq: 02 Jul 2018 20:00

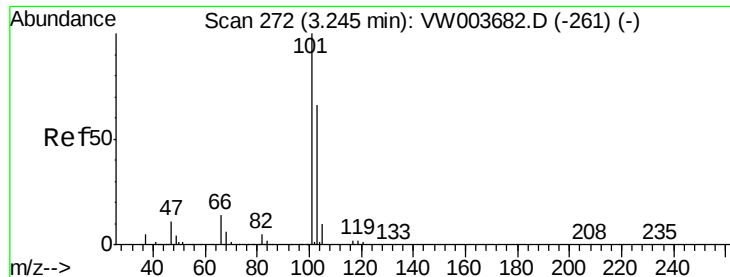
Tgt Ion: 64 Resp: 85497

Ion Ratio Lower Upper

64 100

66 30.9 25.0 37.6





#7

Trichlorofluoromethane

Concen: 46.30 ug/l

RT: 3.25 min Scan# 272

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

Tot Ion:101 Resp: 68902

Ion Ratio Lower Upper

101 100

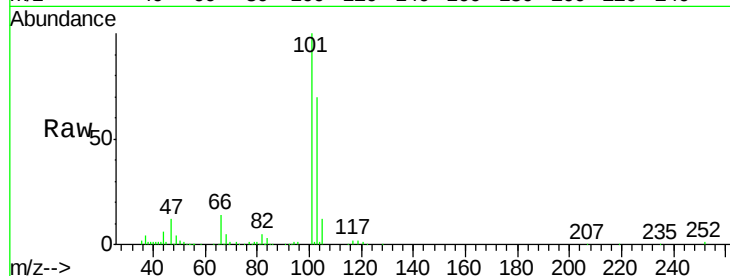
103 69.7 52.9 79.3

Manual Integrations

APPROVED

apatel

7/3/2018 10:16:56 AM



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.25

25000

20000

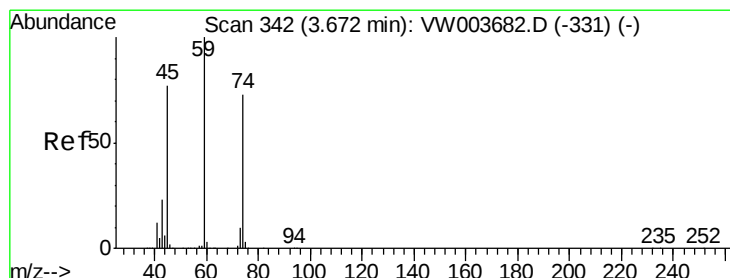
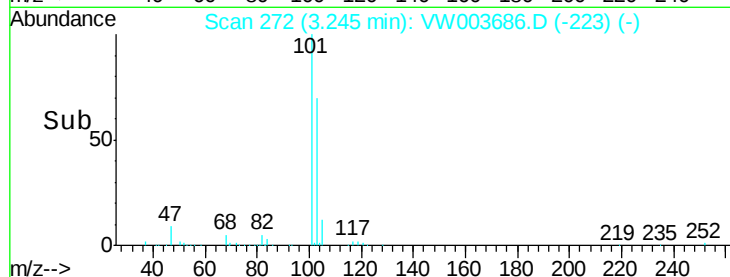
15000

10000

5000

0

Time-->



#8

Diethyl Ether

Concen: 51.13 ug/l

RT: 3.67 min Scan# 342

Delta R.T. 0.00 min

Lab File: VW003686.D

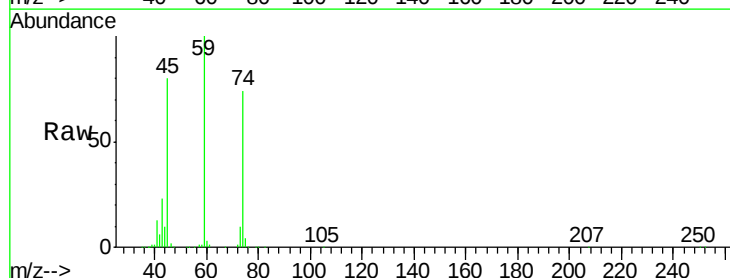
Acq: 02 Jul 2018 20:00

Tgt Ion: 74 Resp: 70410

Ion Ratio Lower Upper

74 100

45 104.1 53.5 160.5



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

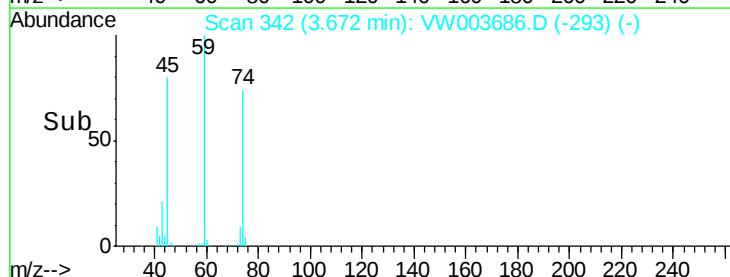
30000

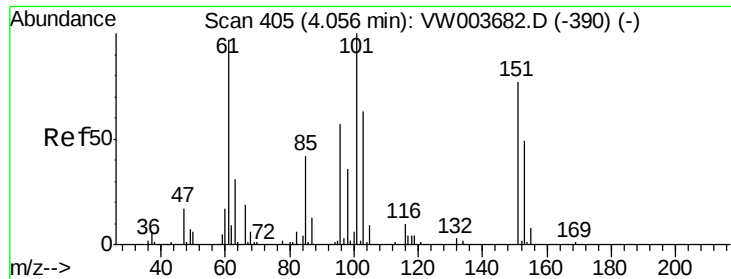
20000

10000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.69 ug/l

RT: 4.05 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

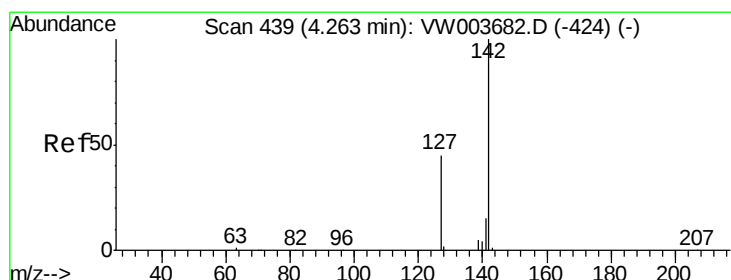
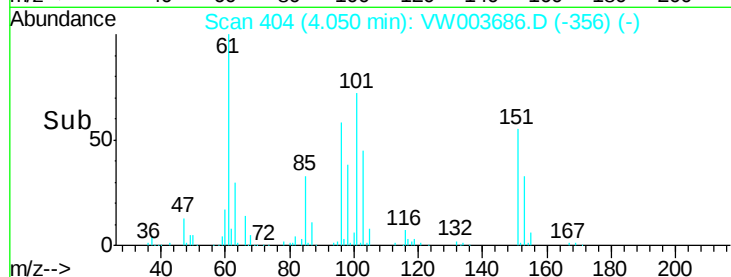
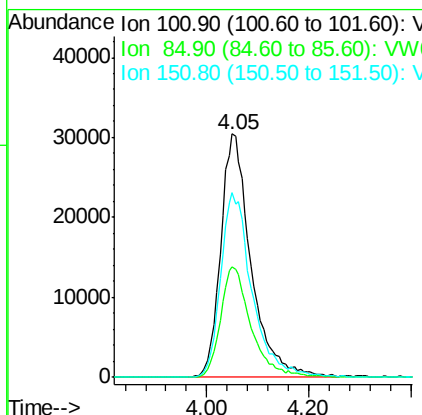
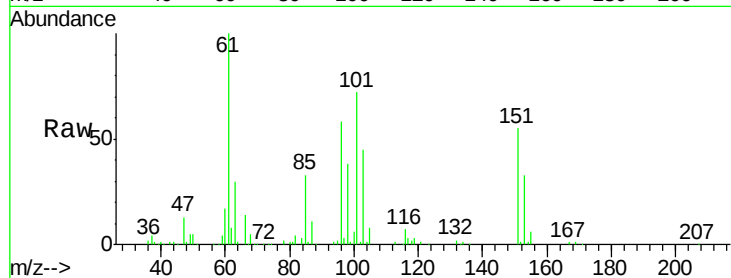
ClientSampled :

ICVW070218

Tot Ion:	101	Resp:	125372
Ion Ratio	Lower	Upper	
101	100		
85	45.5	36.6	55.0
151	78.5	62.4	93.6

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM



#10

Methyl Iodide

Concen: 51.70 ug/l

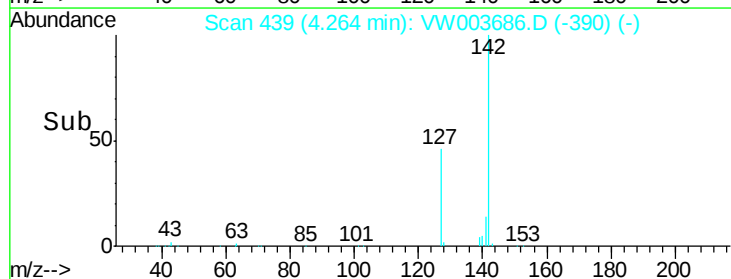
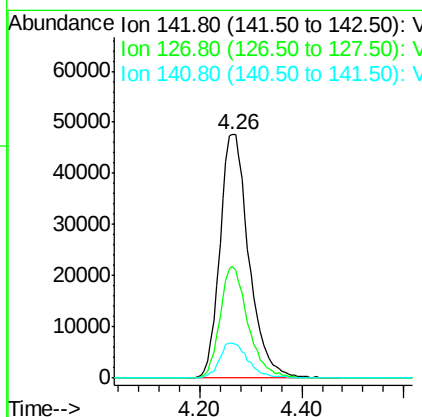
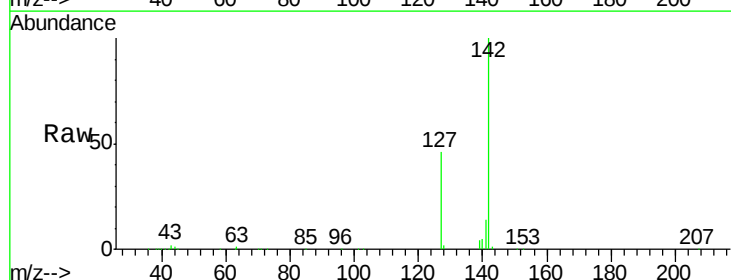
RT: 4.26 min Scan# 439

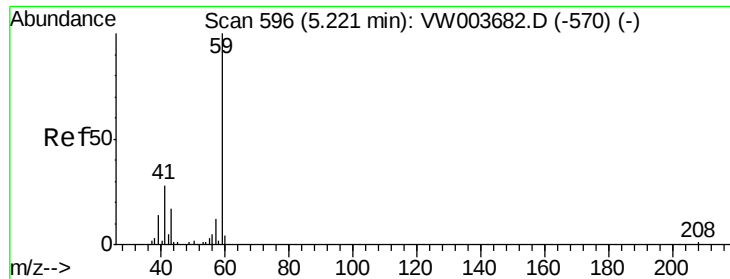
Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion:	142	Resp:	187747
Ion Ratio	Lower	Upper	
142	100		
127	44.3	36.0	54.0
141	14.5	11.9	17.9





#11

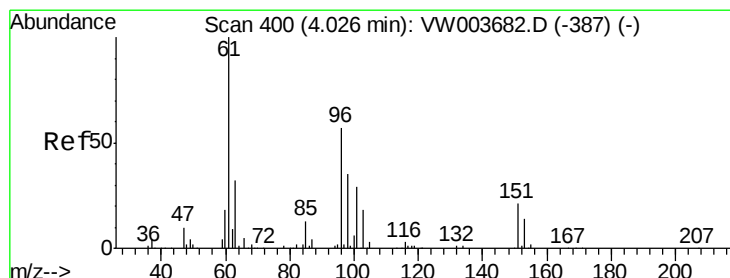
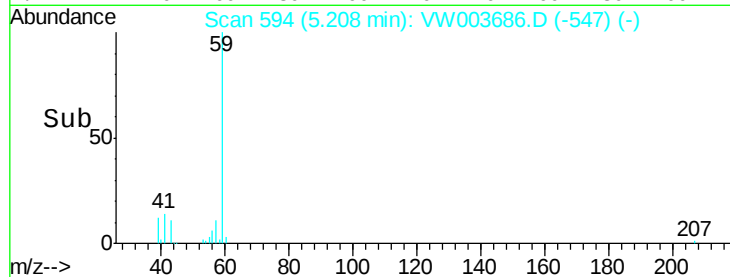
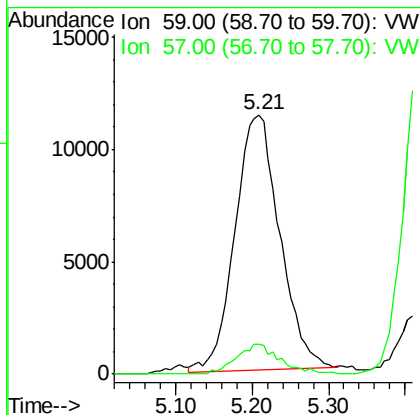
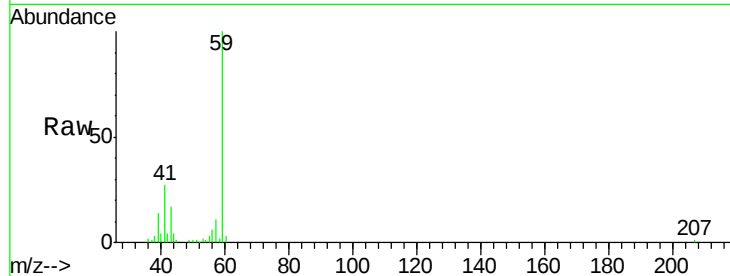
Tert butyl alcohol
Concen: 240.52 ug/l
RT: 5.21 min Scan# 594
Delta R.T. -0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampled :
ICVW070218

Tot Ion	59	57	Ratio	100	11.5	Resp	46203	Lower	9.0	Upper	13.4
Ion	59	57	Ratio	100	11.5	Resp	46203	Lower	9.0	Upper	13.4

Manual Integrations
APPROVED

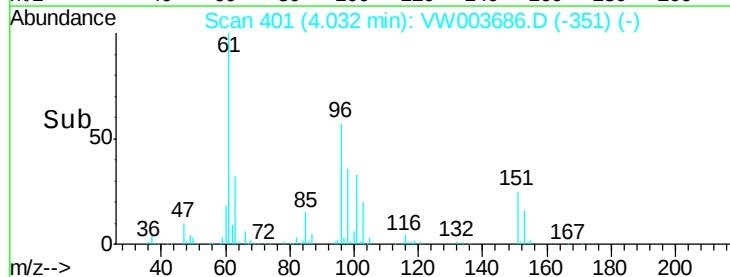
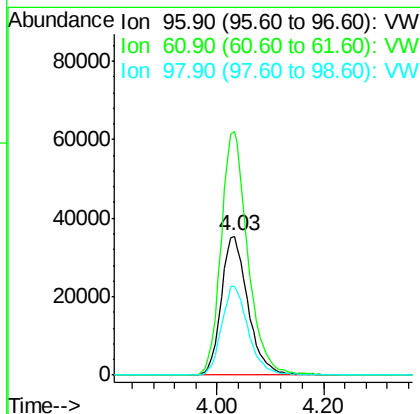
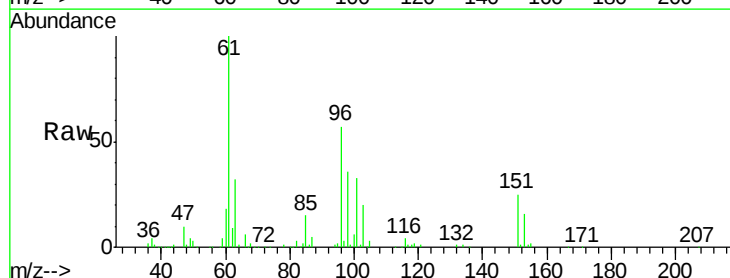
apatel
7/3/2018 10:16:56 AM

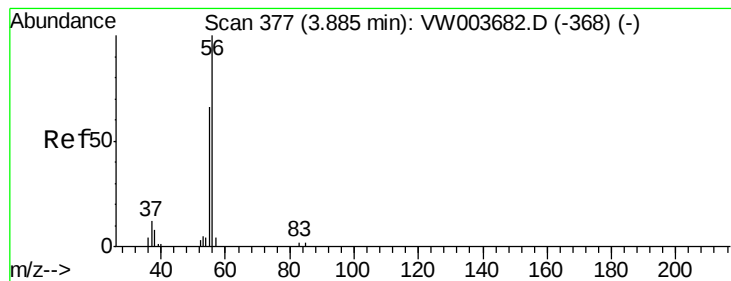


#12

1,1-Dichloroethene
Concen: 50.44 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion	96	61	98	Ratio	100	175.3	63.8	Resp	124329	Lower	140.6	49.4	Upper	211.0	74.0
Ion	96	61	98	Ratio	100	175.3	63.8	Resp	124329	Lower	140.6	49.4	Upper	211.0	74.0





#13

Acrolein

Concen: 141.24 ug/l

RT: 3.89 min Scan# 378

Delta R.T. 0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

Tot Ion: 56 Resp: 13165

Ion Ratio Lower Upper

56 100

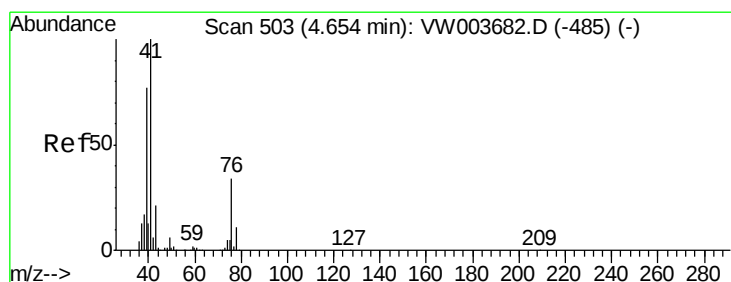
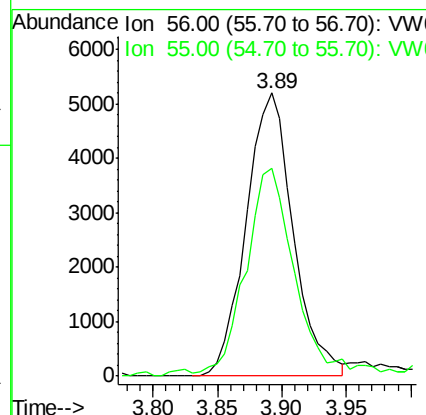
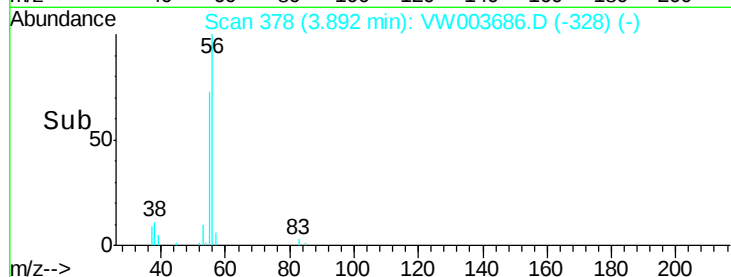
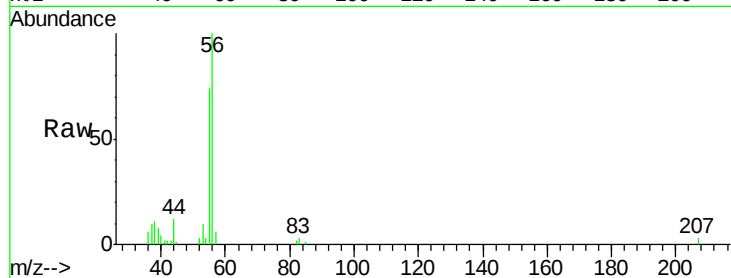
55 74.7 54.7 82.1

Manual Integrations

APPROVED

apatel

7/3/2018 10:16:56 AM



#14

Allyl chloride

Concen: 52.11 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

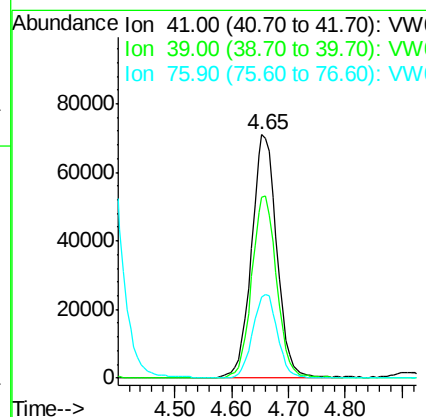
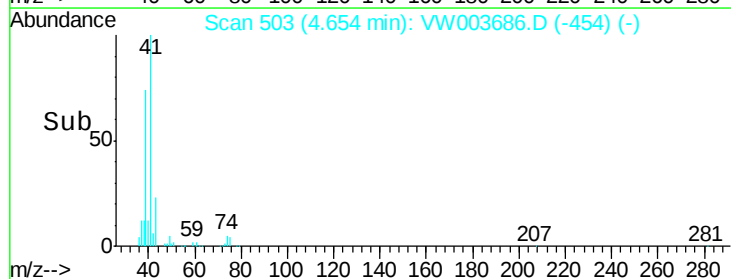
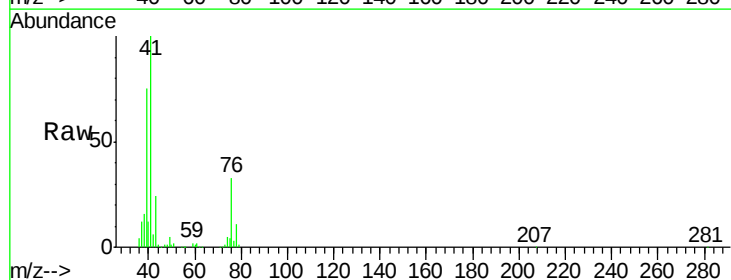
Tgt Ion: 41 Resp: 219694

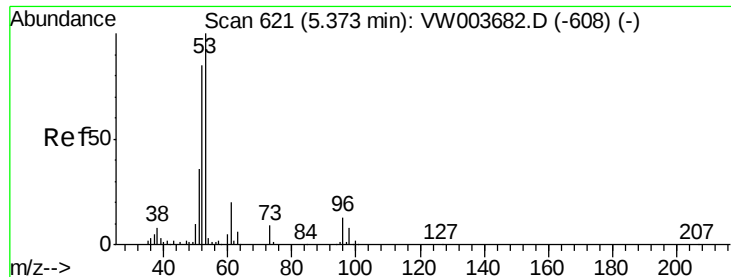
Ion Ratio Lower Upper

41 100

39 73.1 60.1 90.1

76 33.1 27.2 40.8





#15

Acrylonitrile

Concen: 255.40 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

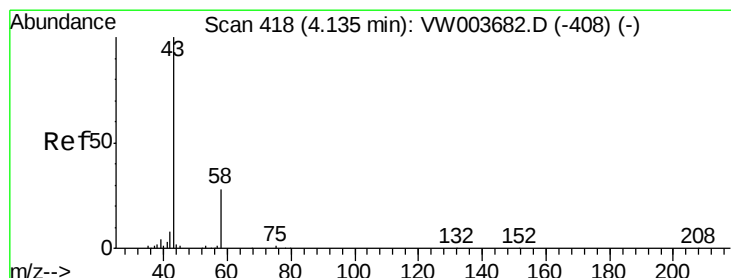
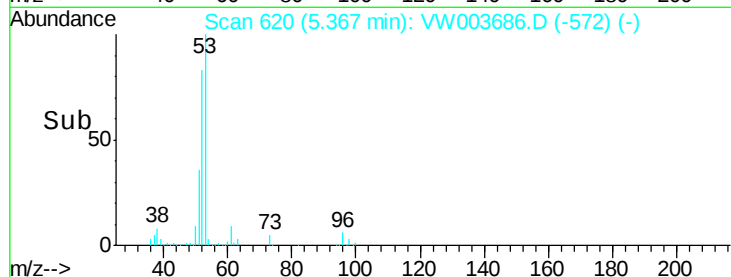
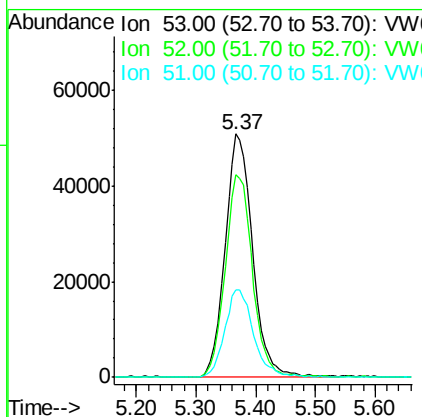
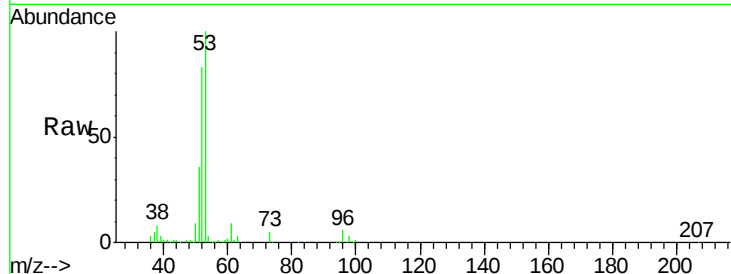
ClientSampleId :

ICVW070218

Tot Ion:	53	Resp:	163107
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.8	100.2
51	37.9	30.2	45.4

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM



#16

Acetone

Concen: 229.50 ug/l

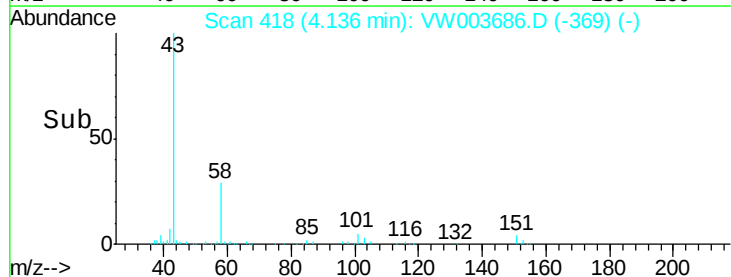
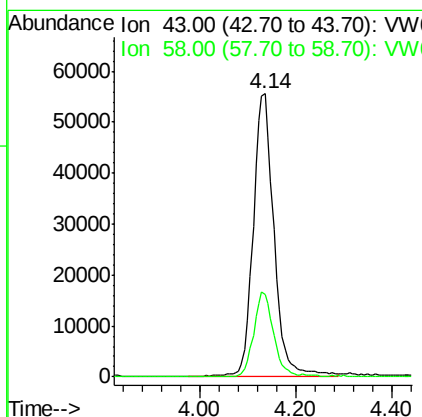
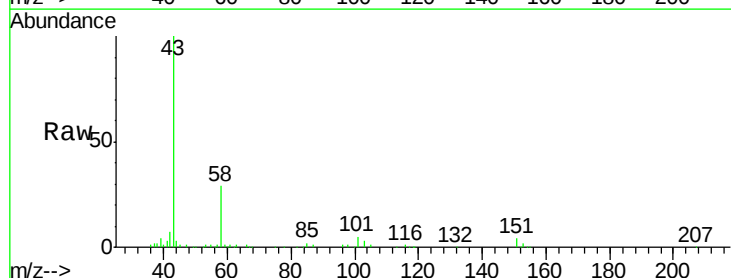
RT: 4.14 min Scan# 418

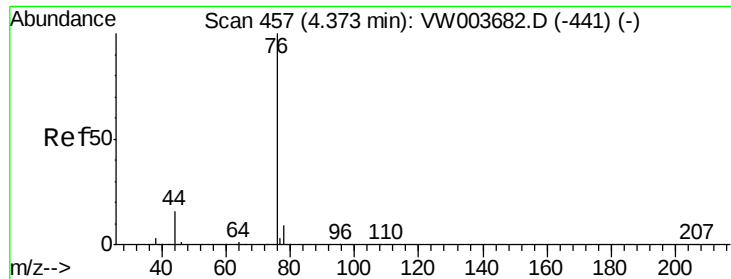
Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion:	43	Resp:	168182
Ion	Ratio	Lower	Upper
43	100		
58	29.2	22.7	34.1





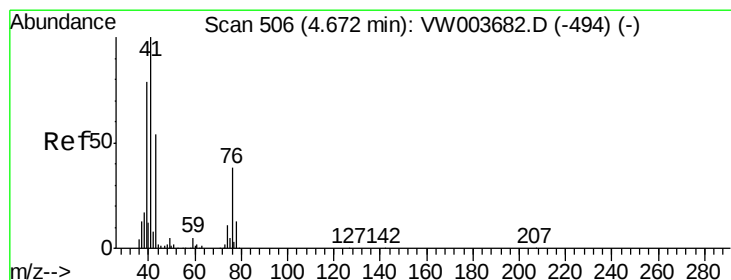
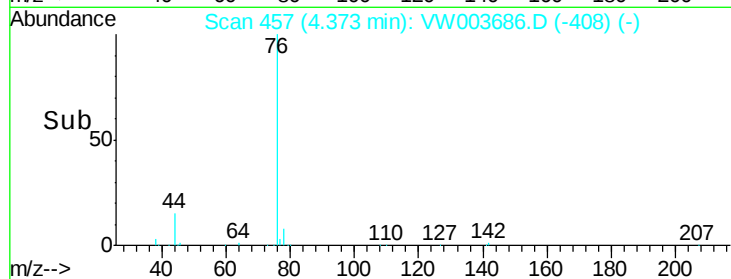
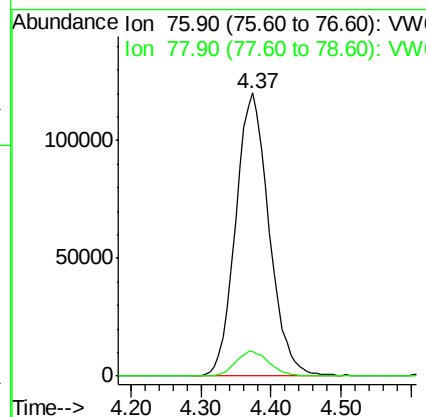
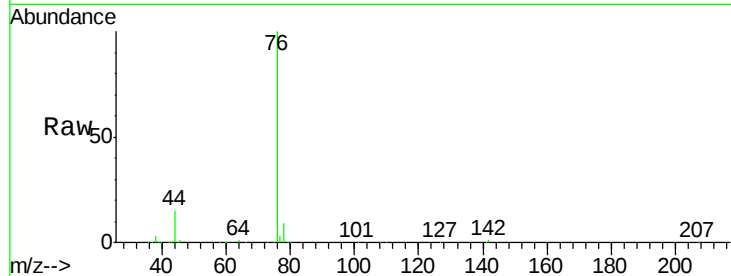
#17
Carbon Disulfide
Concen: 53.91 ug/l
RT: 4.37 min Scan# 457
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampled :
ICVW070218

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.2

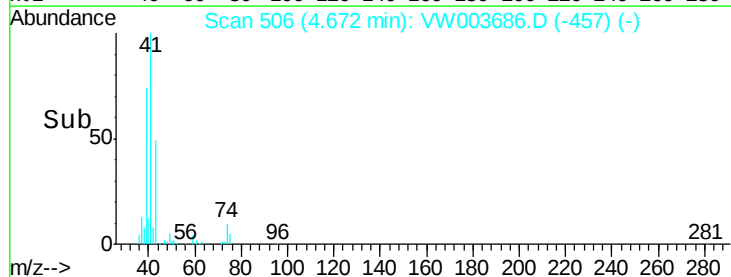
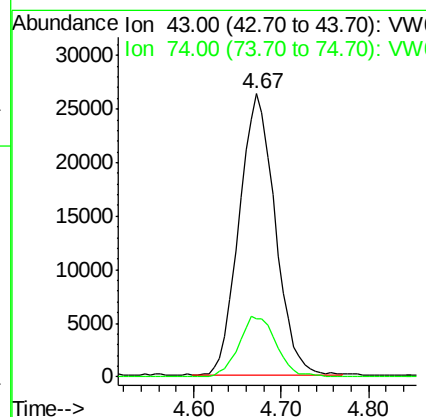
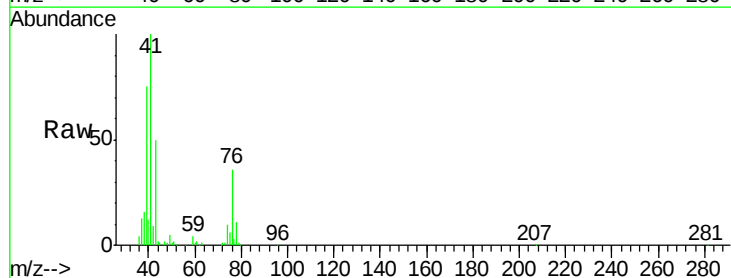
Manual Integrations
APPROVED

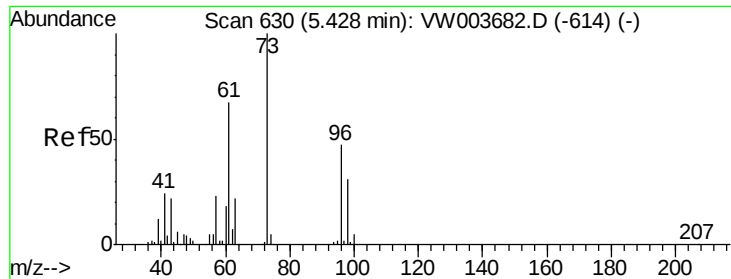
apatel
7/3/2018 10:16:56 AM



#18
Methyl Acetate
Concen: 47.30 ug/l
RT: 4.67 min Scan# 506
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.3	18.2	27.2





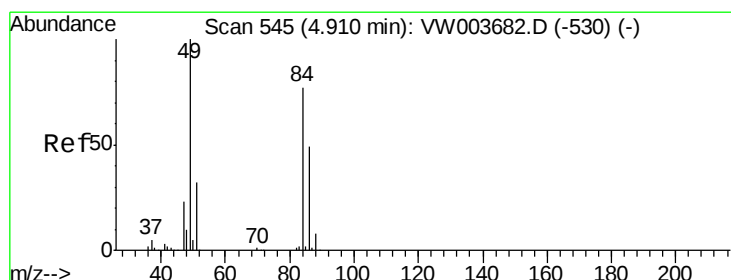
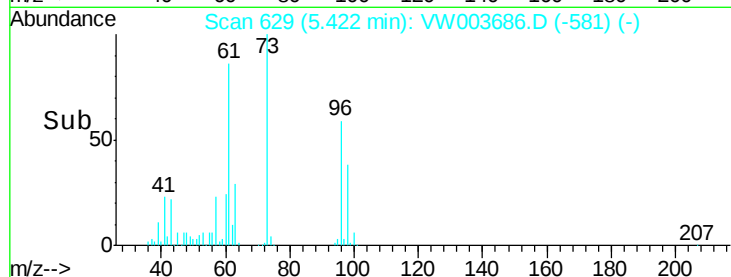
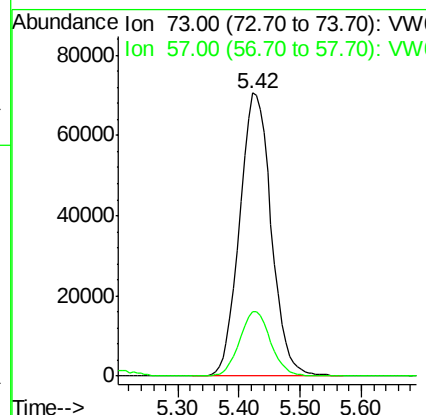
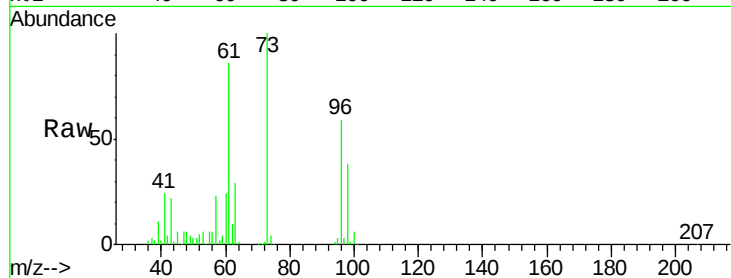
#19
Methvl tert-butvl Ether
Concen: 52.54 ug/l
RT: 5.42 min Scan# 629
Delta R.T. -0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

Tot Ion: 73 Resp: 252989
Ion Ratio Lower Upper
73 100
57 22.6 18.1 27.1

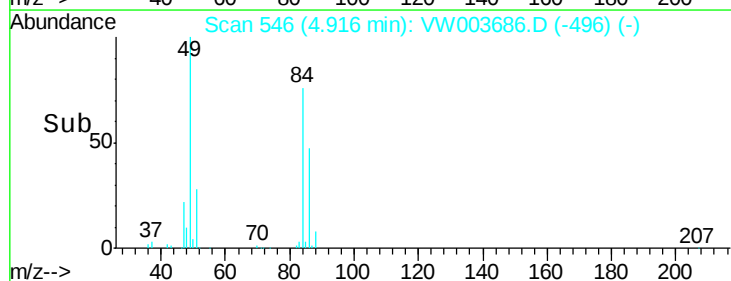
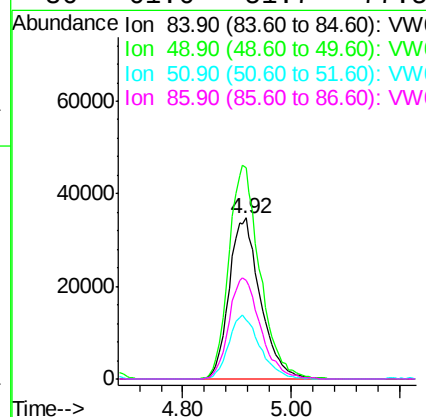
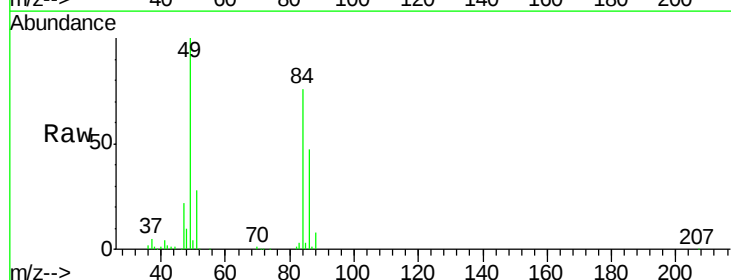
Manual Integrations
APPROVED

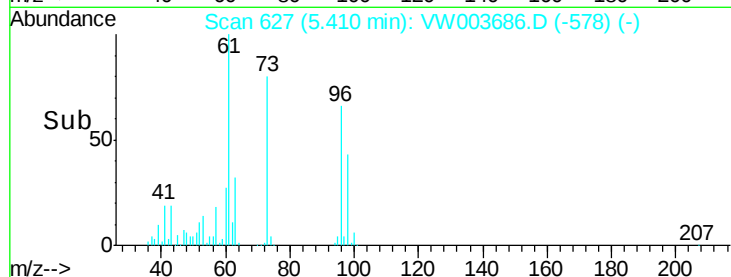
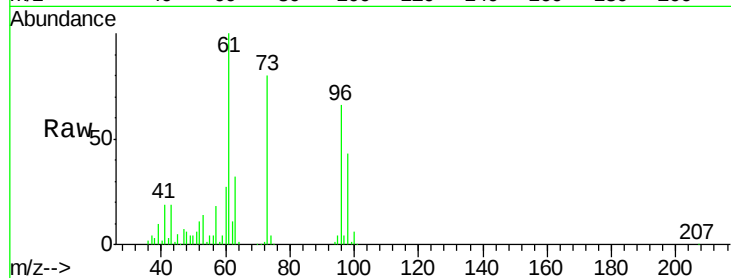
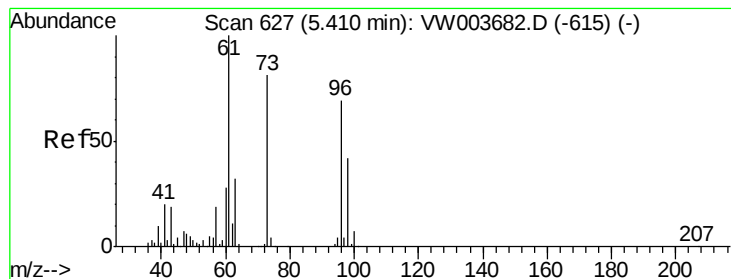
apatel
7/3/2018 10:16:56 AM



#20
Methylene Chloride
Concen: 49.45 ug/l
RT: 4.92 min Scan# 546
Delta R.T. 0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion: 84 Resp: 138923
Ion Ratio Lower Upper
84 100
49 131.5 104.6 156.8
51 36.8 33.2 49.8
86 61.6 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 51.32 ug/l

RT: 5.41 min Scan# 627

Delta R.T. 0.00 min

Lab File: VW003686.D

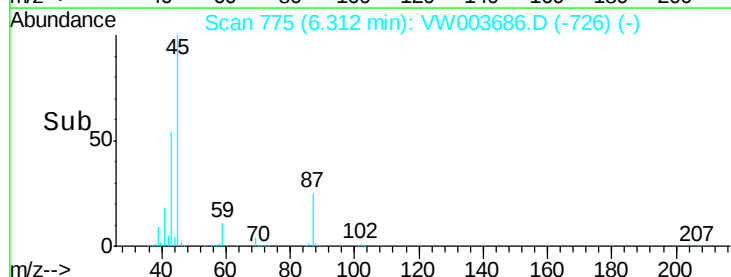
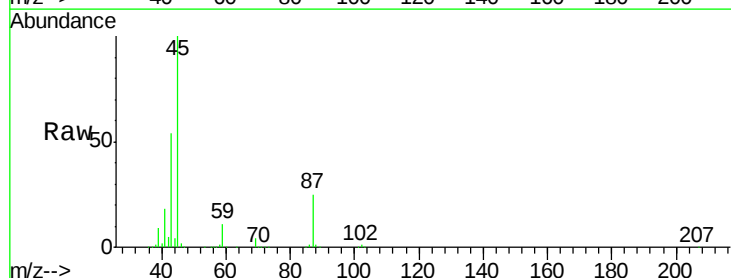
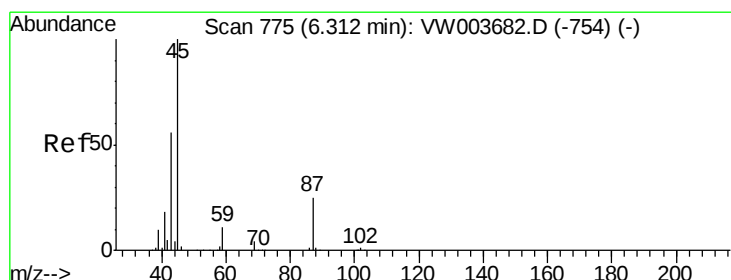
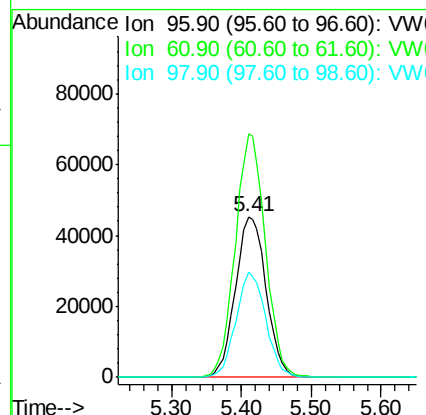
Acq: 02 Jul 2018 20:00

Tot Ion:	96	Resp:	138536
Ion	Ratio	Lower	Upper
96	100		
61	151.4	116.8	175.2
98	65.5	49.6	74.4

Instrument :
MSVOA_W
ClientSampled :
ICVW070218

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM



#22

Diisopropyl ether

Concen: 51.91 ug/l

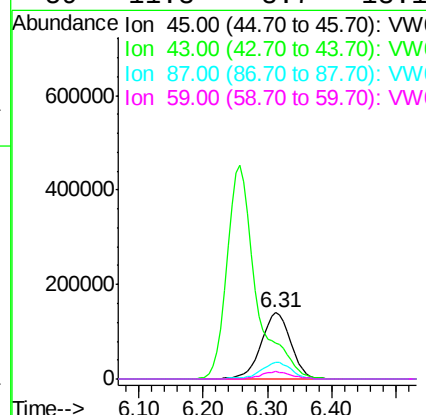
RT: 6.31 min Scan# 775

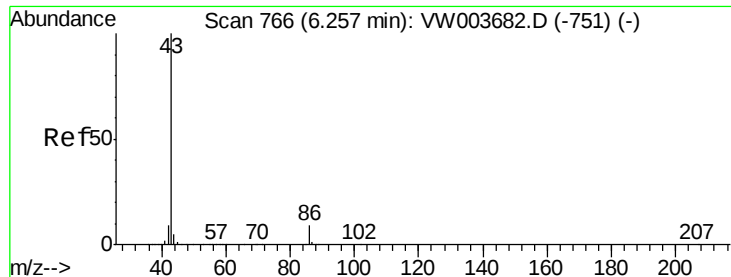
Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion:	45	Resp:	448668
Ion	Ratio	Lower	Upper
45	100		
43	54.0	44.5	66.7
87	24.8	20.2	30.4
59	11.3	8.7	13.1





#23

Vinyl Acetate

Concen: 246.19 ug/l

RT: 6.26 min Scan# 766

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampled :

ICVW070218

Tot Ion: 43 Resp: 1441417

Ion Ratio Lower Upper

43 100

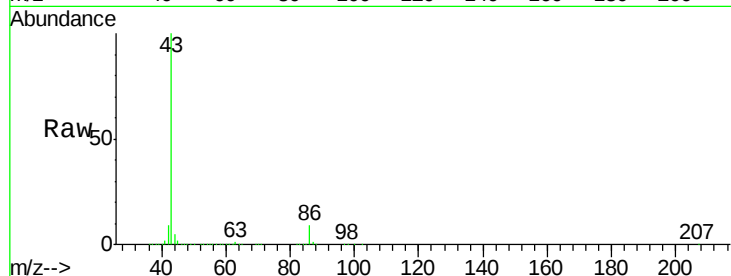
86 9.1 7.5 11.3

Manual Integrations

APPROVED

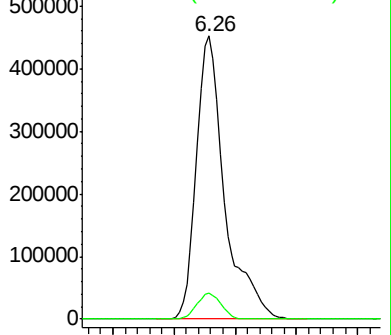
apatel

7/3/2018 10:16:56 AM

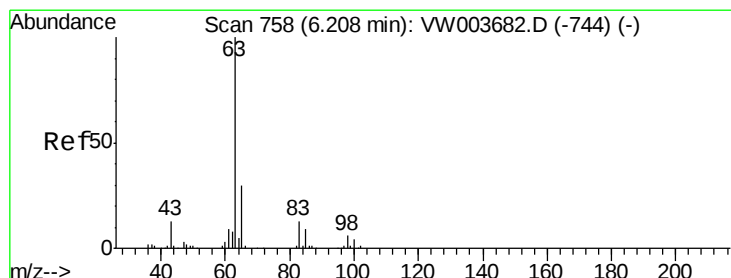
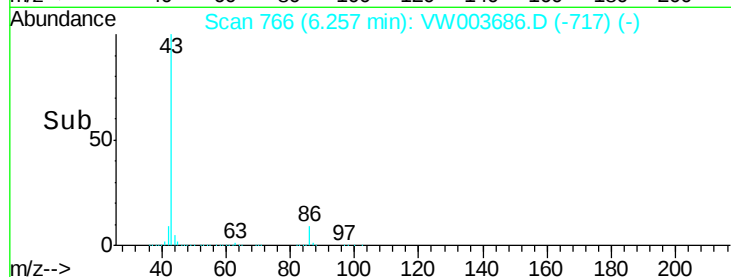


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 50.27 ug/l

RT: 6.21 min Scan# 758

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

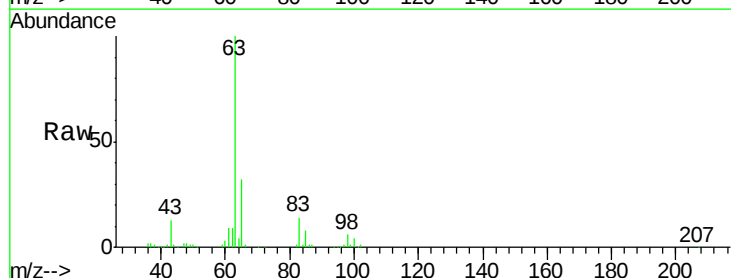
Tgt Ion: 63 Resp: 259110

Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.6

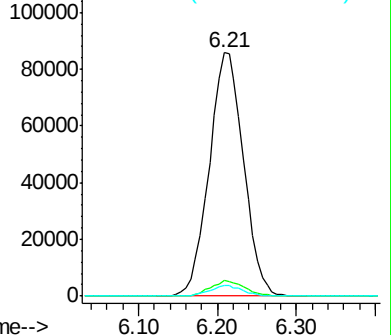
100 4.4 1.9 5.7



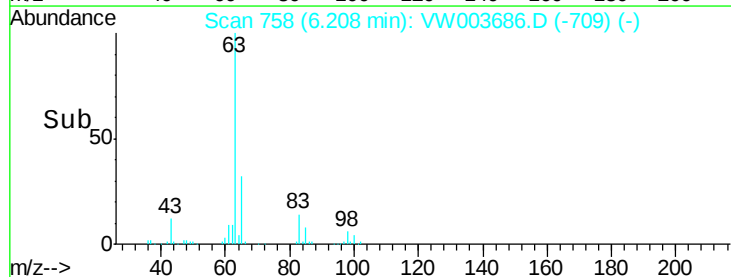
Abundance Ion 62.90 (62.60 to 63.60): VW

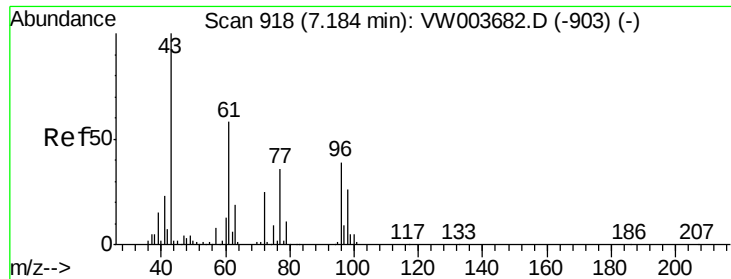
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 243.98 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampled :

ICVW070218

Tot Ion: 43 Resp: 228930

Ion Ratio Lower Upper

43 100

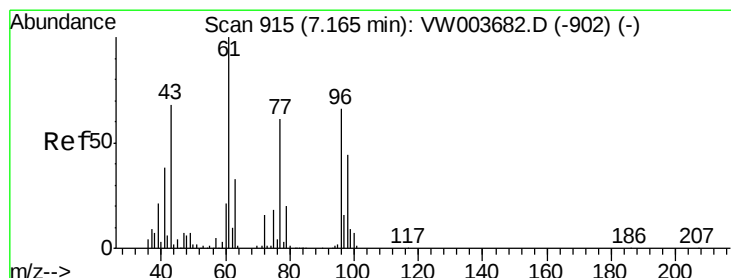
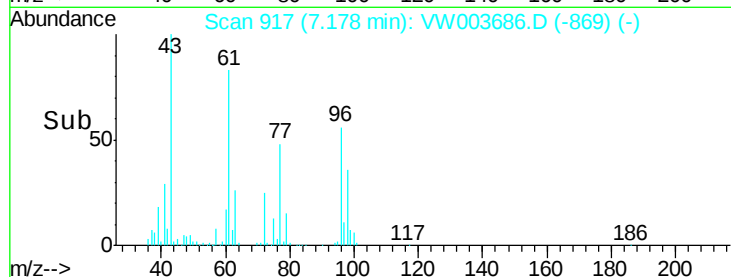
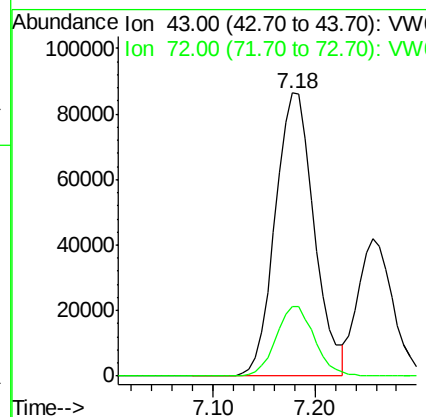
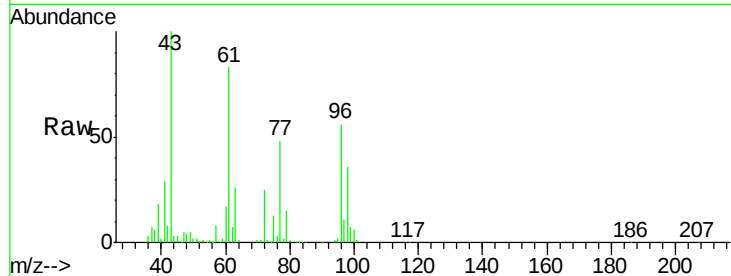
72 24.6 20.2 30.4

Manual Integrations

APPROVED

apatel

7/3/2018 10:16:56 AM



#26

2,2-Dichloropropane

Concen: 46.19 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003686.D

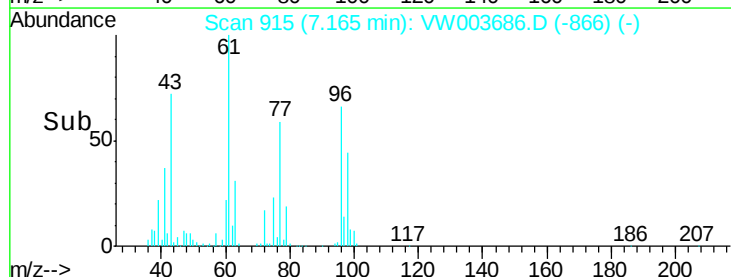
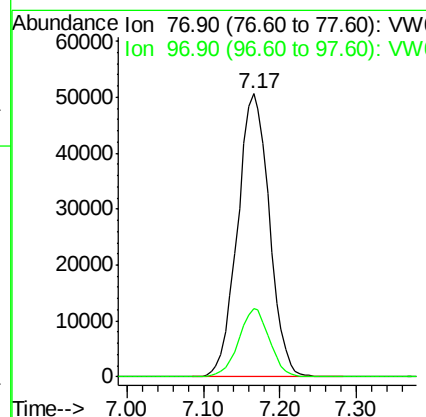
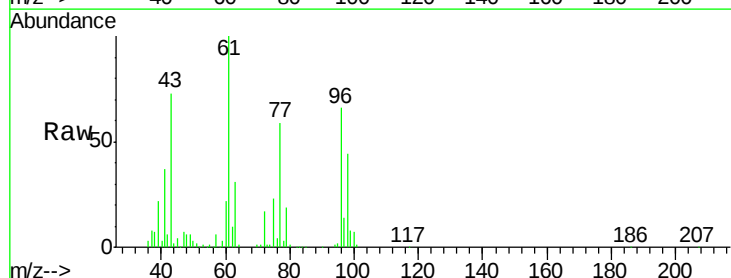
Acq: 02 Jul 2018 20:00

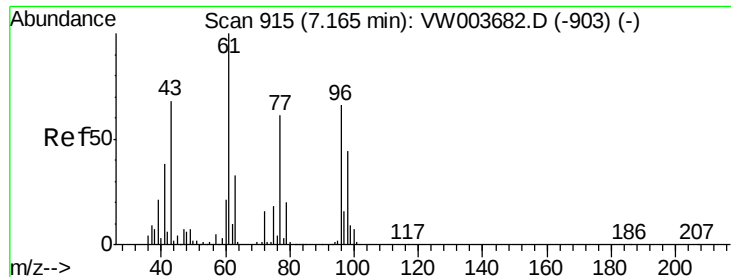
Tgt Ion: 77 Resp: 145974

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 50.82 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

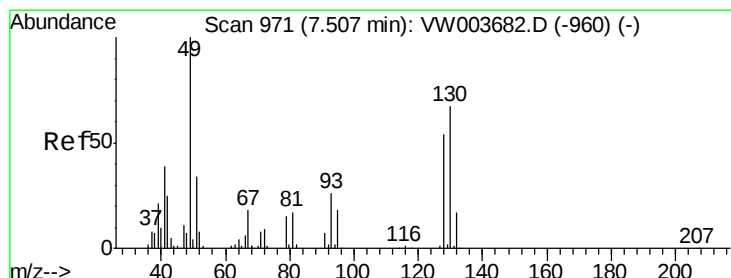
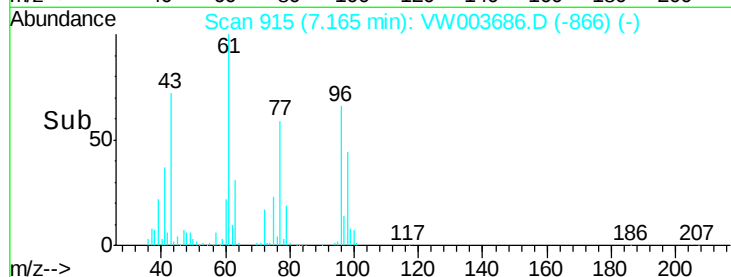
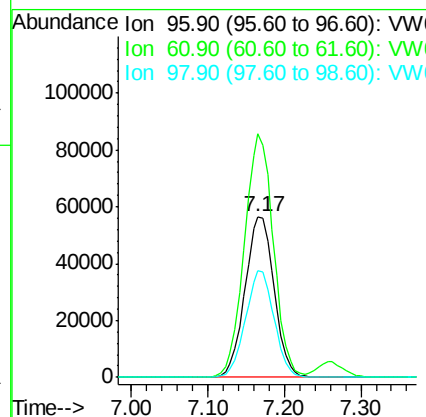
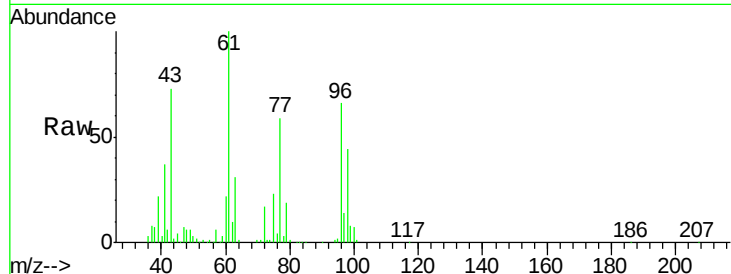
ClientSampled :

ICVW070218

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.8	0.0	305.0
98	65.3	0.0	129.6

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM



#28

Bromochloromethane

Concen: 50.27 ug/l

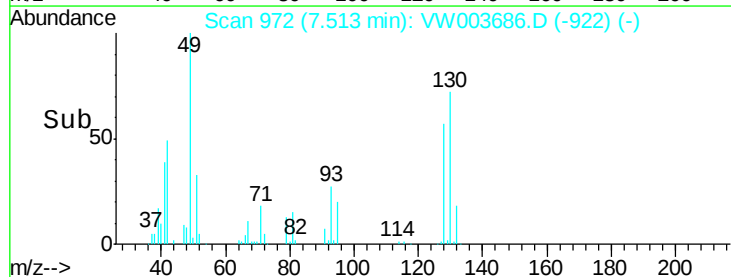
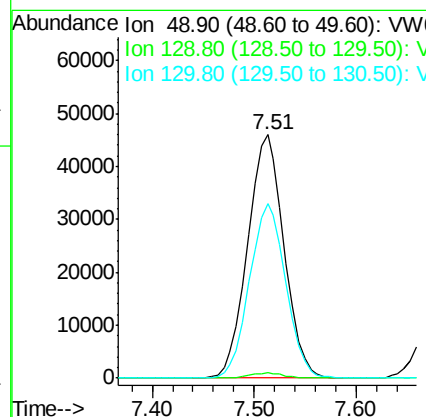
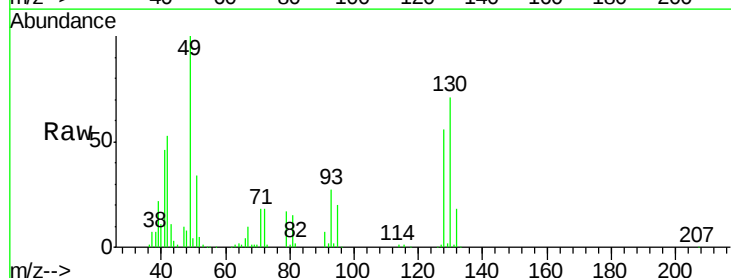
RT: 7.51 min Scan# 972

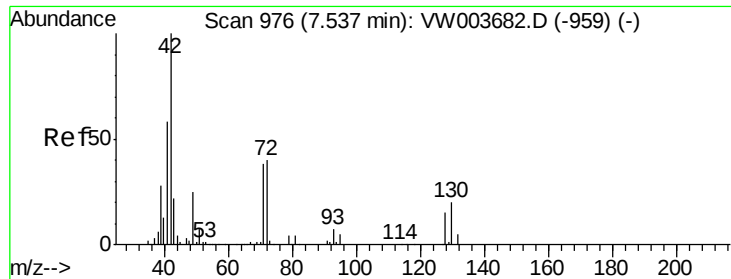
Delta R.T. 0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.0
130	71.6	57.0	85.6





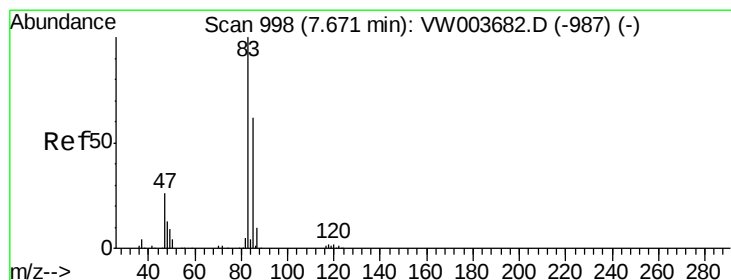
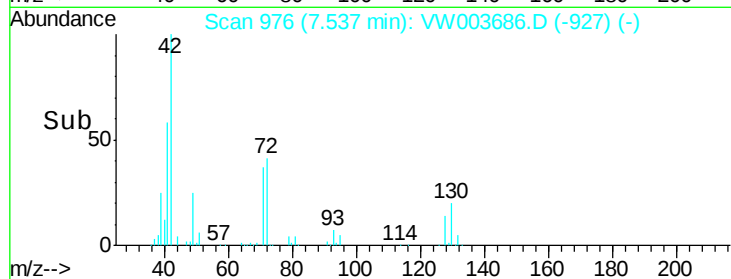
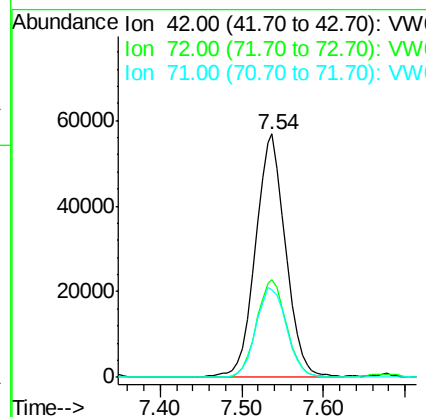
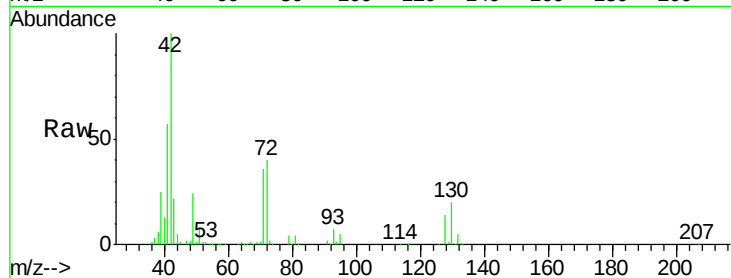
#29
Tetrahydrofuran
Concen: 258.67 ug/l
RT: 7.54 min Scan# 976
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	32.0	48.0
71	38.0	30.2	45.2

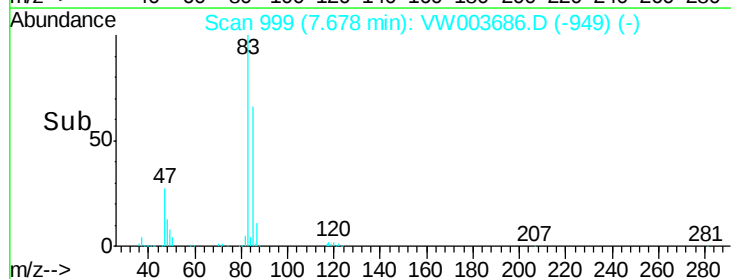
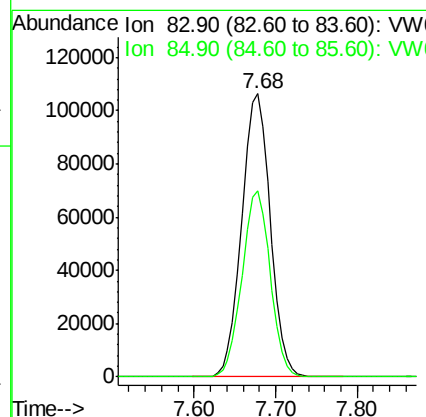
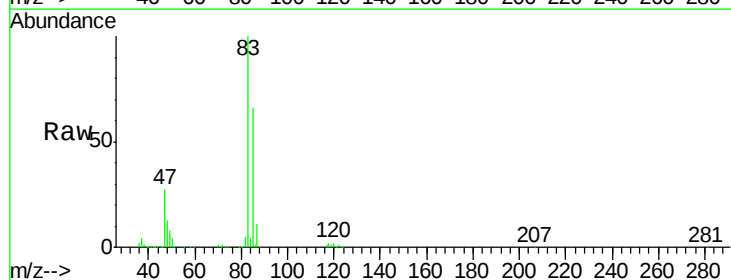
Manual Integrations
APPROVED

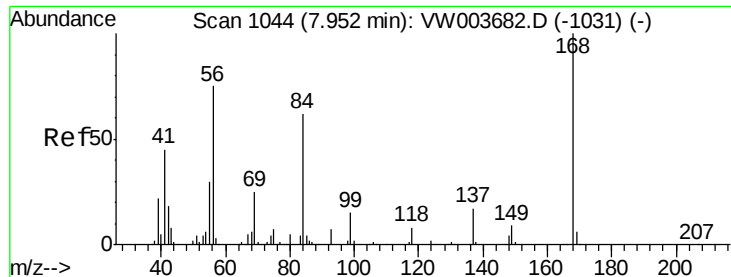
apatel
7/3/2018 10:16:56 AM



#30
Chloroform
Concen: 49.55 ug/l
RT: 7.68 min Scan# 999
Delta R.T. 0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	49.7	74.5





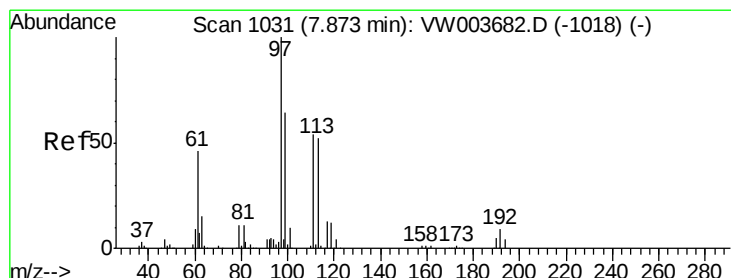
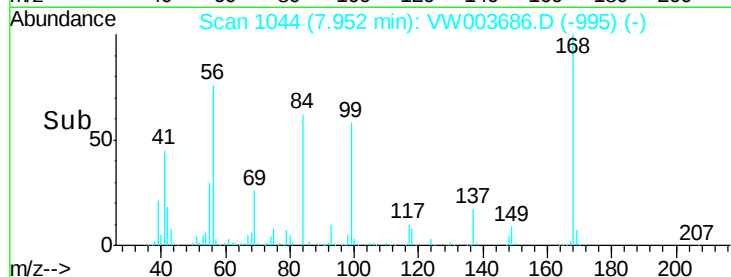
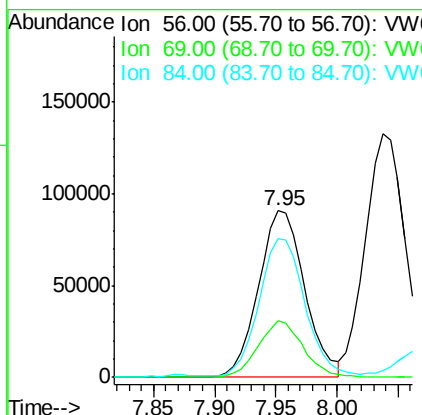
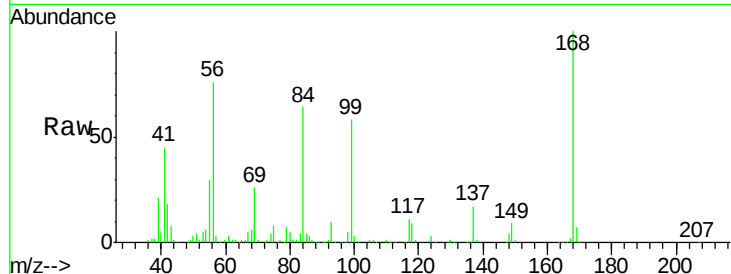
#31
Cyclohexane
Concen: 50.93 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampled :
ICVW070218

Tot Ion	Ratio	Resp	Lower	Upper
56	100	239036		
69	34.3		27.0	40.4
84	82.3		65.4	98.0

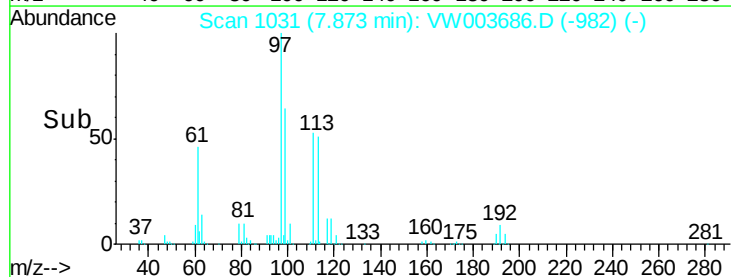
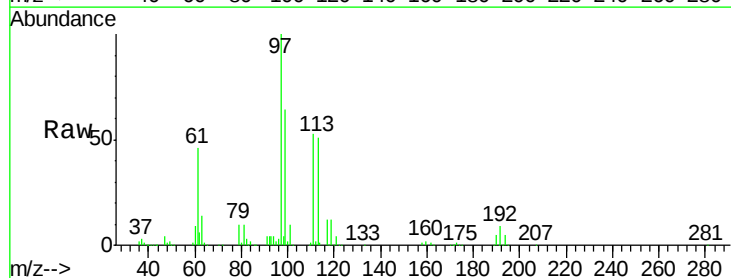
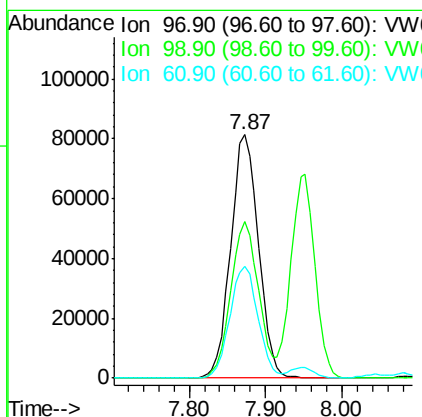
Manual Integrations
APPROVED

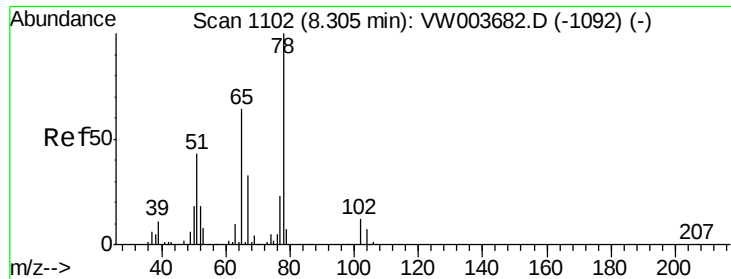
apatel
7/3/2018 10:16:56 AM



#32
1,1,1-Trichloroethane
Concen: 50.41 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	204525		
99	63.9		50.6	76.0
61	46.4		37.2	55.8





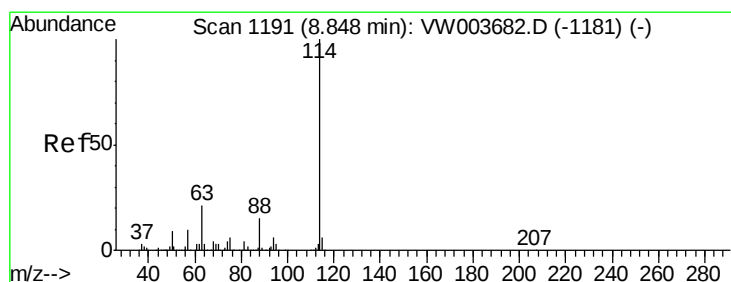
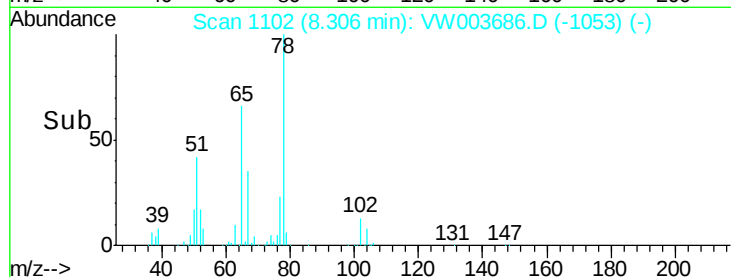
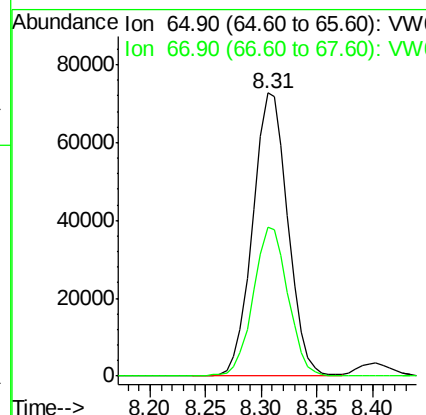
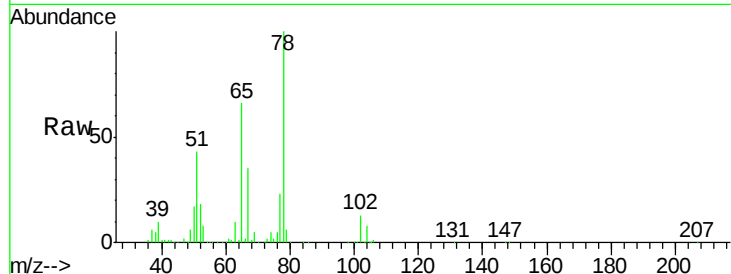
#33
 1,2-Dichloroethane-d4
 Concen: 52.02 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070218

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.2	0.0	104.0	

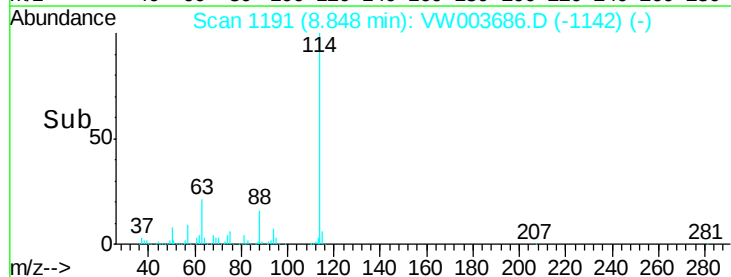
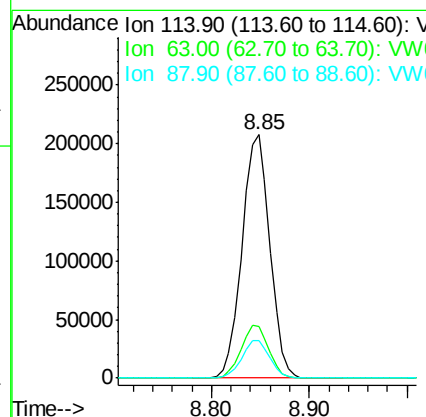
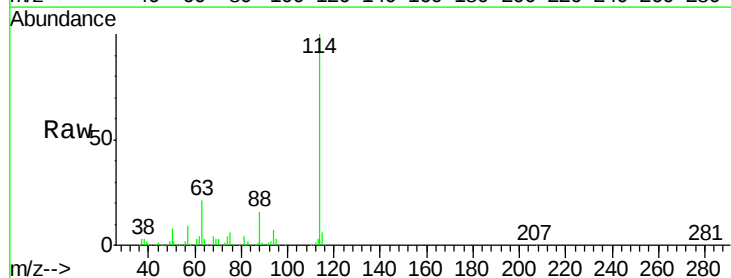
Manual Integrations
 APPROVED

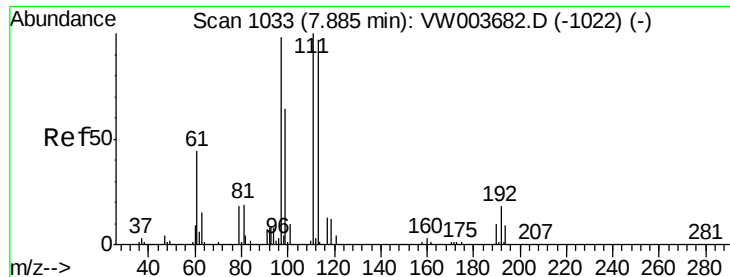
apatel
 7/3/2018 10:16:56 AM



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.4	0.0	41.6	
88	15.5	0.0	29.8	





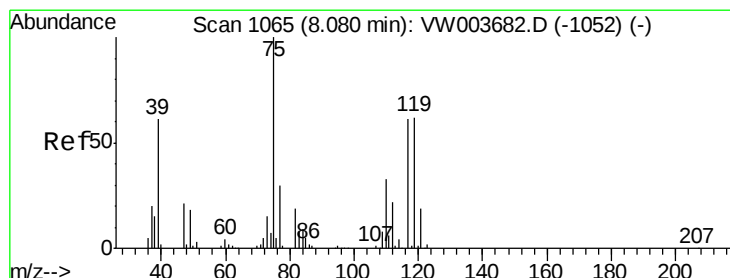
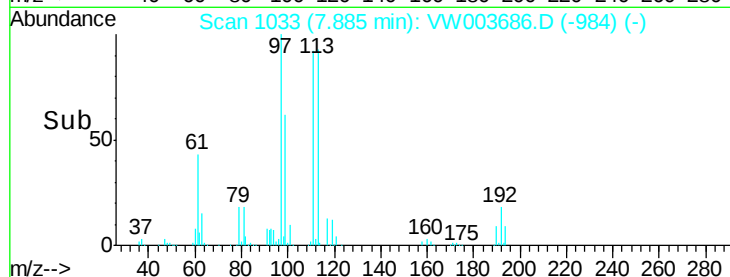
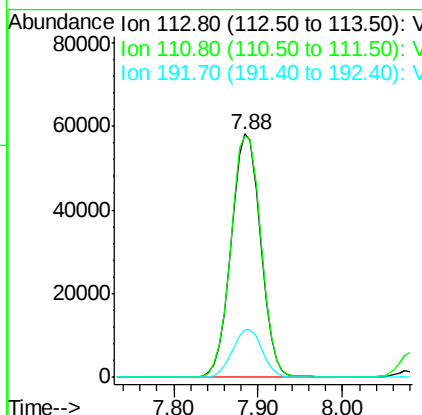
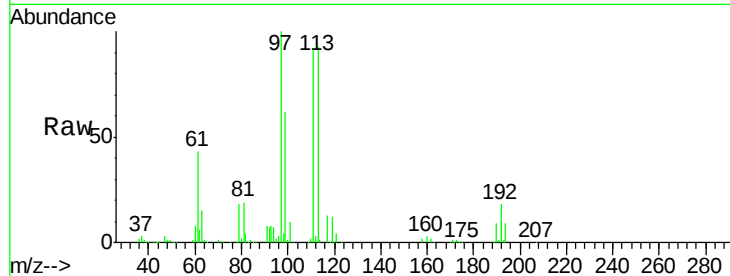
#35
 Dibromofluoromethane
 Concen: 51.62 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

Tot Ion	Ratio	Resp	Lower	Upper
113	100	137424		
111	102.0	82.4	123.6	
192	19.8	15.8	23.6	

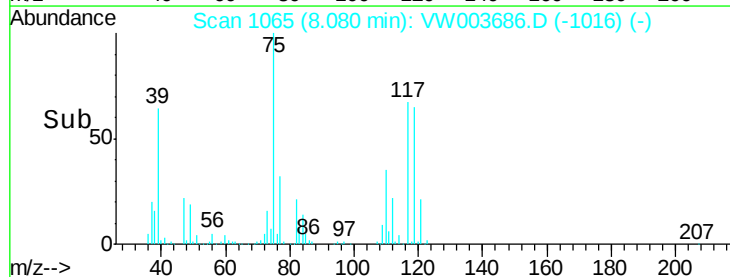
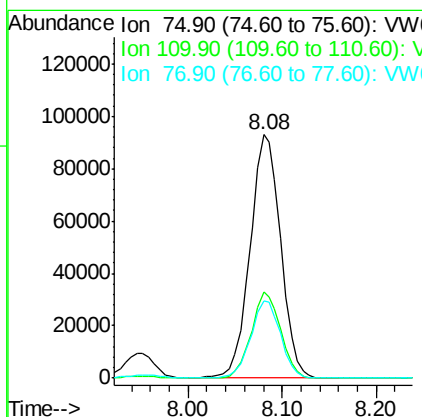
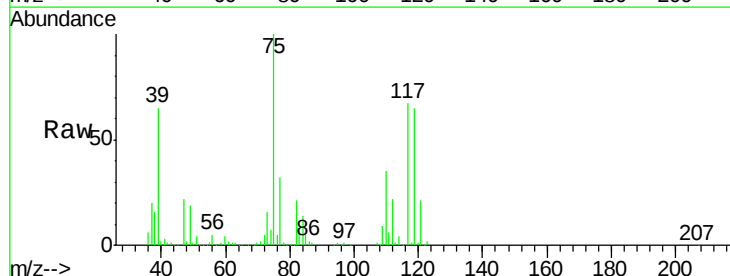
Manual Integrations
 APPROVED

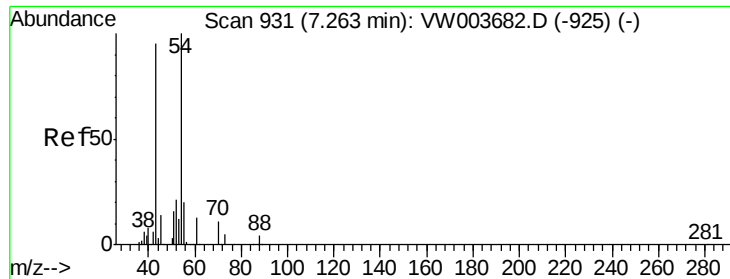
apatel
 7/3/2018 10:16:56 AM



#36
 1,1-Dichloropropene
 Concen: 51.59 ug/l
 RT: 8.08 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	211381		
110	34.0	16.9	50.6	
77	31.4	24.9	37.3	





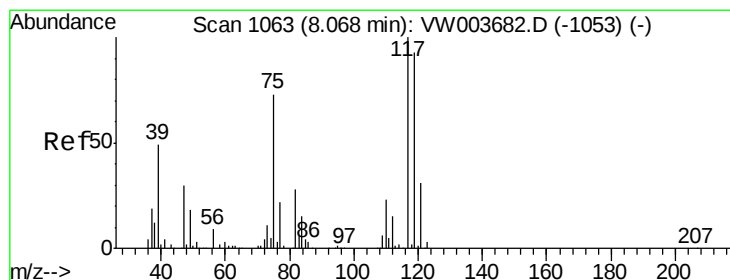
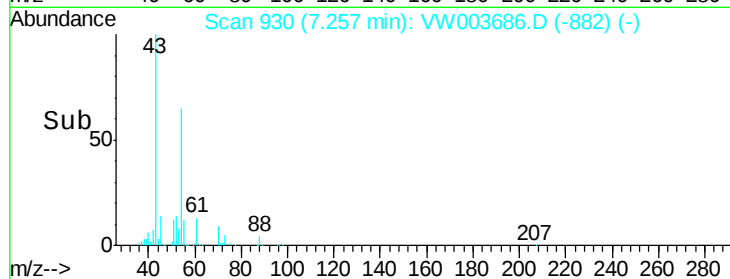
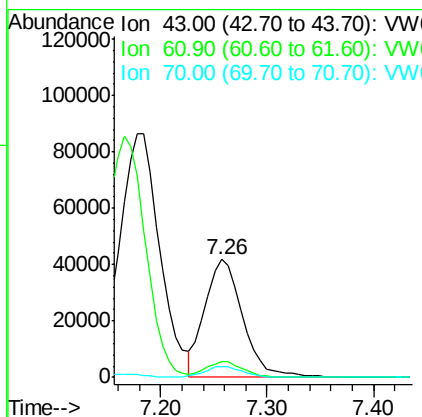
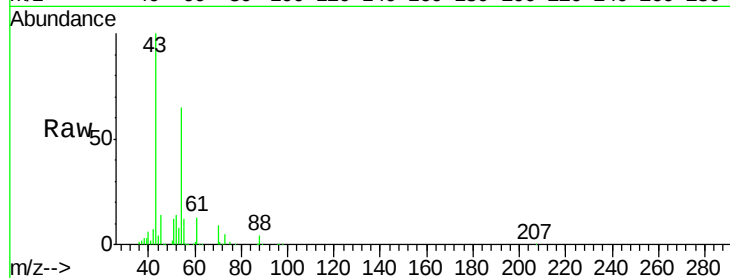
#37
Ethyl Acetate
Concen: 51.05 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	9.4	7.7	11.5

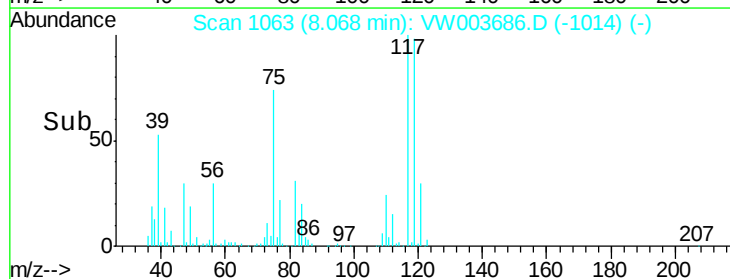
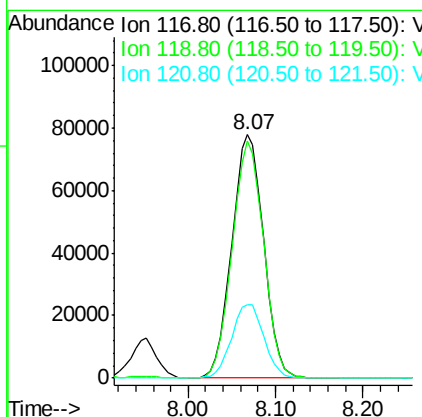
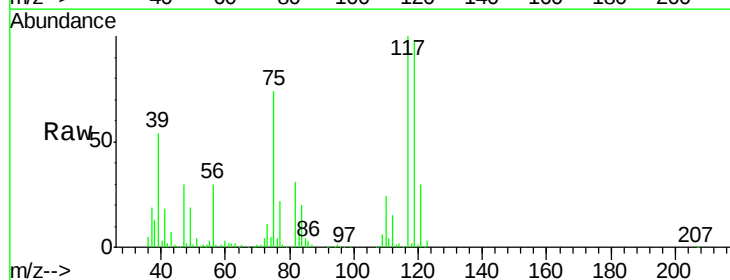
Manual Integrations
APPROVED

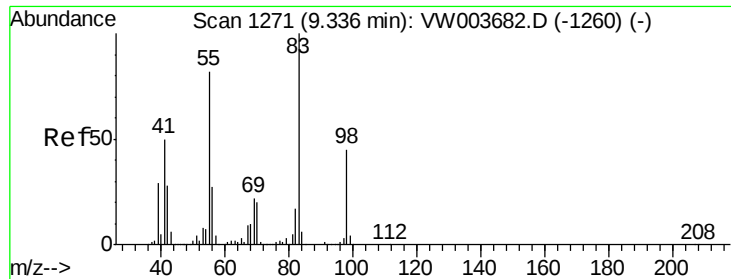
apatel
7/3/2018 10:16:56 AM



#38
Carbon Tetrachloride
Concen: 50.44 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.6	74.1	111.1
121	30.4	25.0	37.4





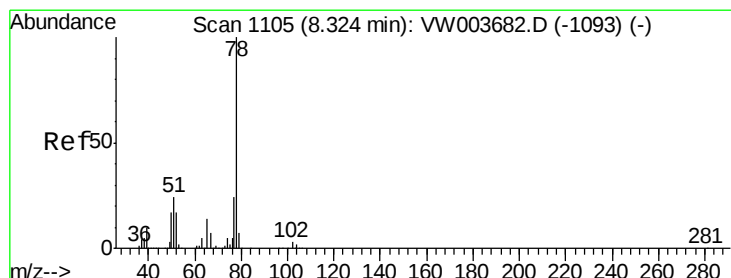
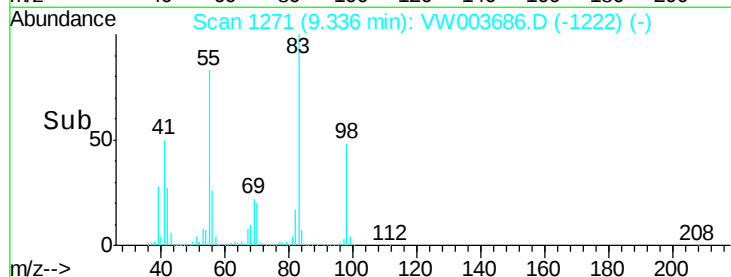
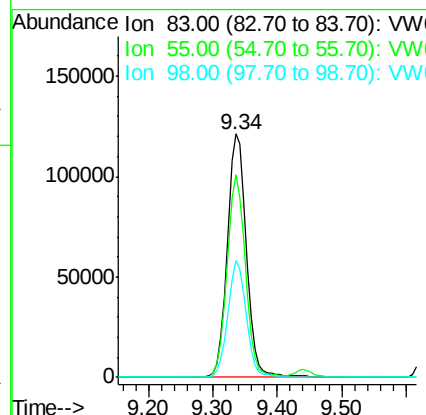
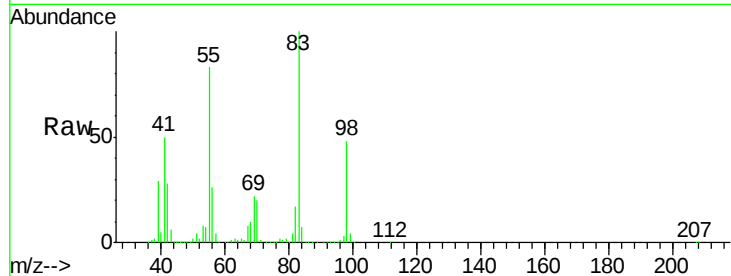
#39
Methvlcvclohexane
Concen: 54.18 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

Tot Ion	Ratio	Resp	Lower	Upper
83	100	255652		
55	83.5	65.3	97.9	
98	47.8	36.3	54.5	

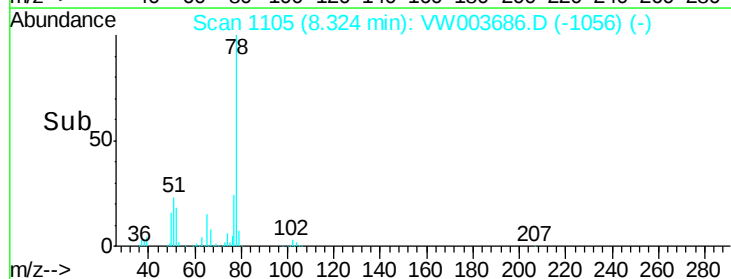
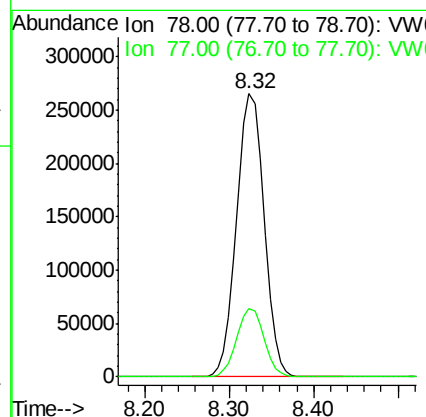
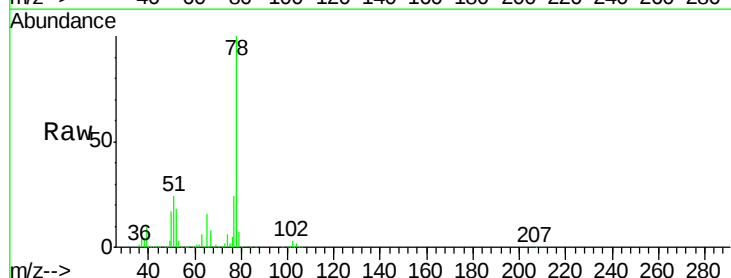
Manual Integrations
APPROVED

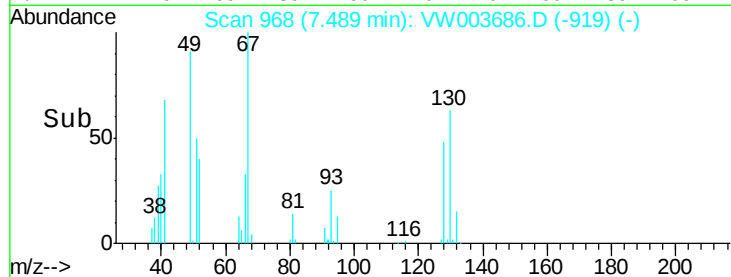
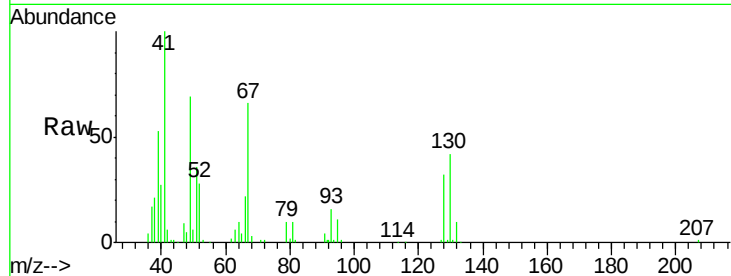
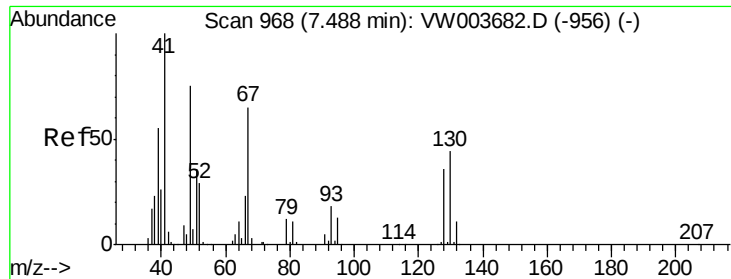
apatel
7/3/2018 10:16:56 AM



#40
Benzene
Concen: 50.87 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	585804		
77	24.3	19.4	29.0	





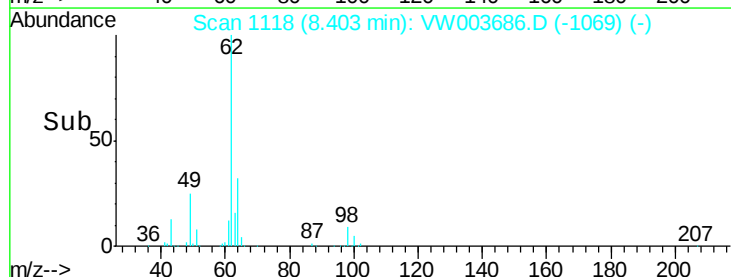
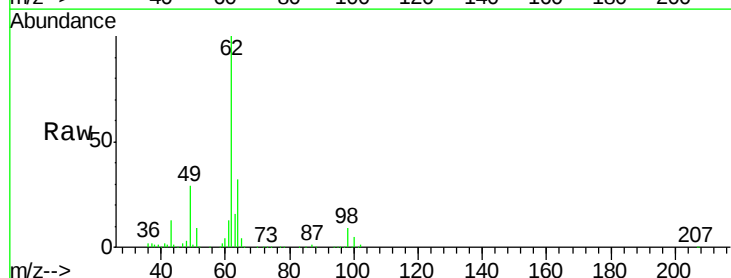
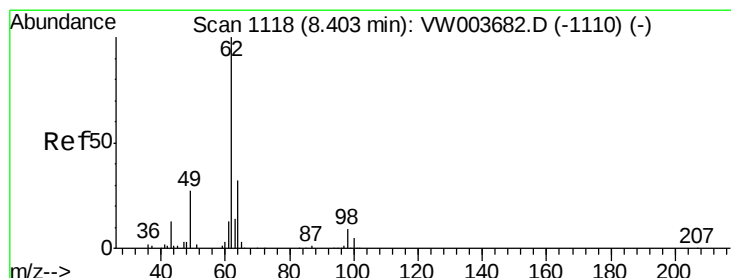
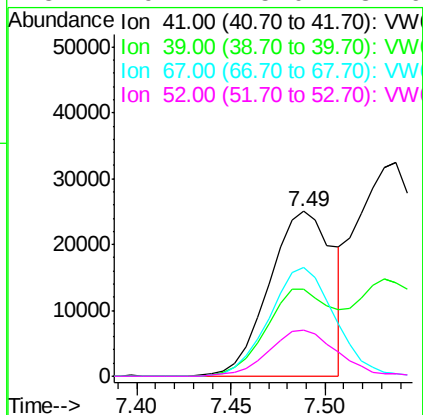
#41
Methacrylonitrile
Concen: 52.46 ug/l
RT: 7.49 min Scan# 968
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tot Ion	41	Resp	59473
Ion	Ratio	Lower	Upper
41	100		
39	54.4	47.8	71.8
67	67.2	53.9	80.9
52	29.7	25.0	37.6

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

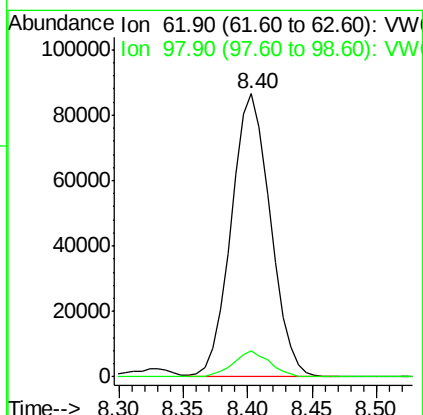
Manual Integrations
APPROVED

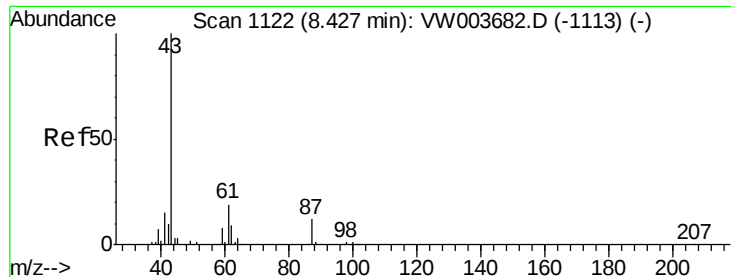
apatel
7/3/2018 10:16:56 AM



#42
1,2-Dichloroethane
Concen: 50.34 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion	62	Resp	182534
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.2





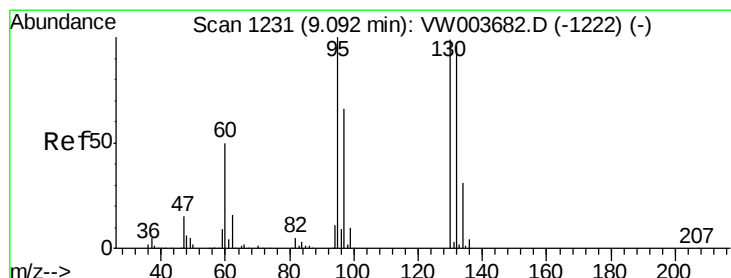
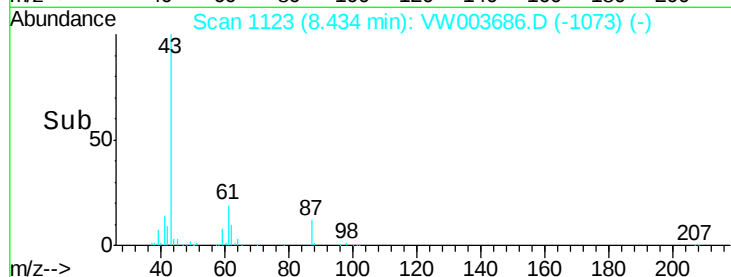
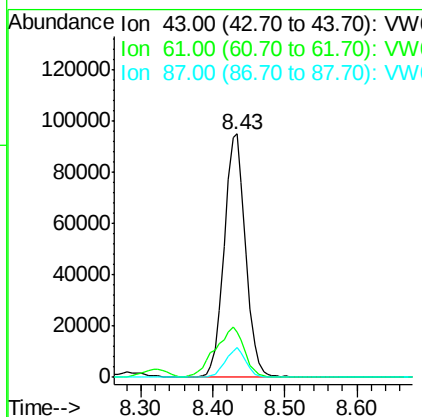
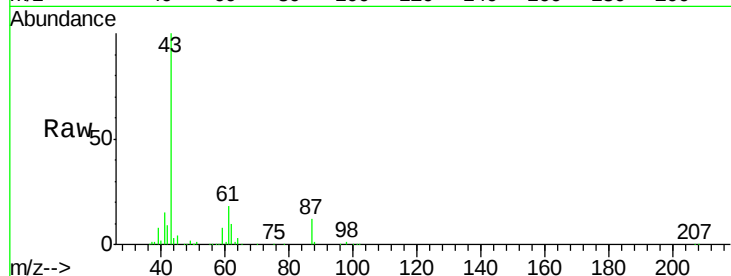
#43
Isopropyl Acetate
Concen: 52.10 ug/l
RT: 8.43 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.0	23.0	34.6
87	11.7	9.8	14.6

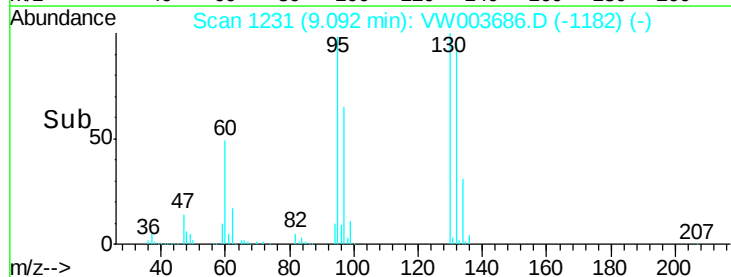
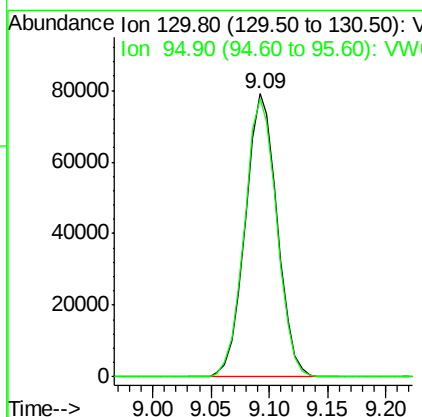
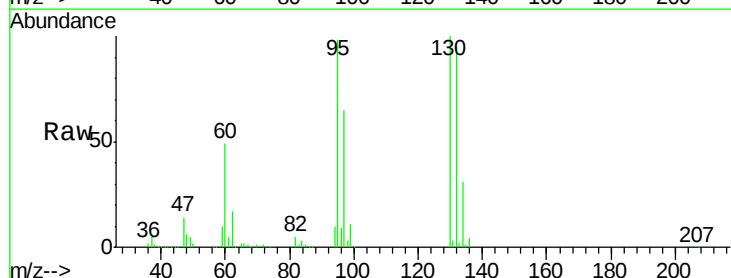
Manual Integrations
APPROVED

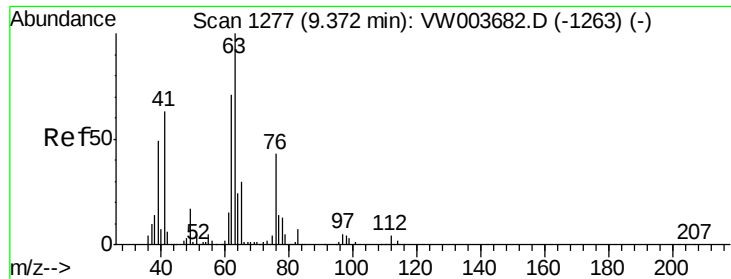
apatel
7/3/2018 10:16:56 AM



#44
Trichloroethene
Concen: 50.77 ug/l
RT: 9.09 min Scan# 1231
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	202.6





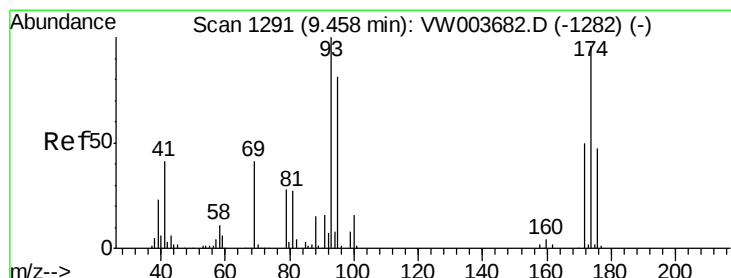
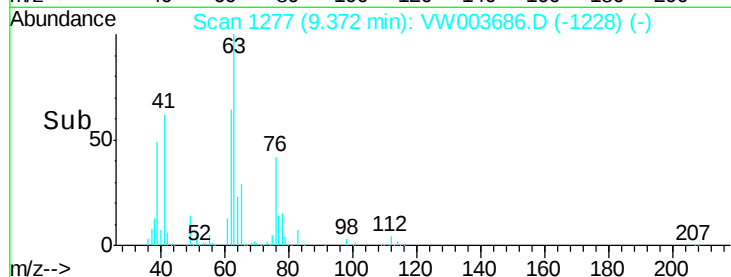
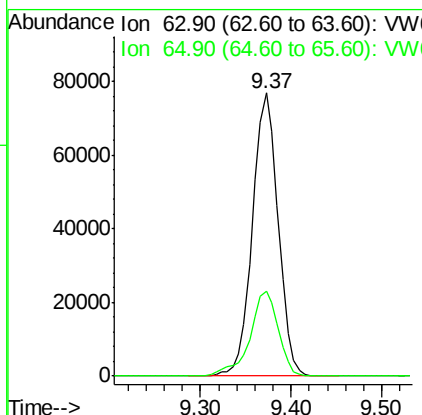
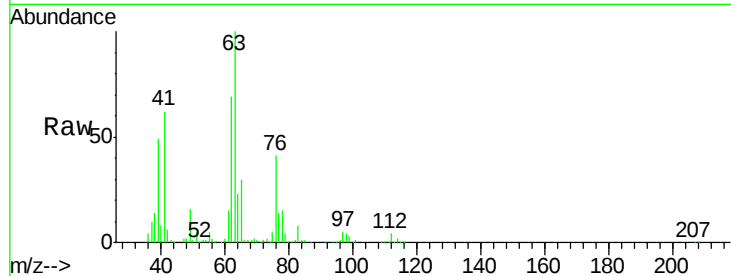
#45
 1,2-Dichloropropane
 Concen: 50.53 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070218

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.3	36.5

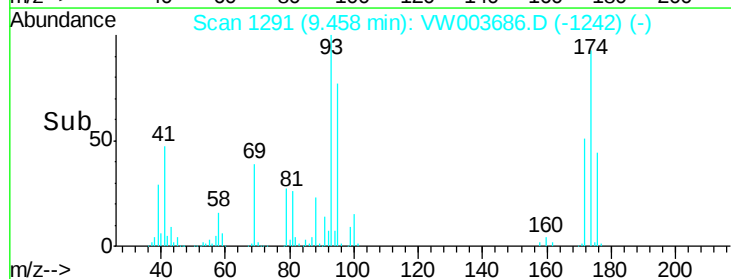
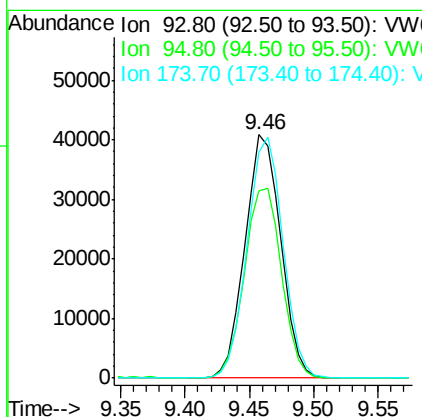
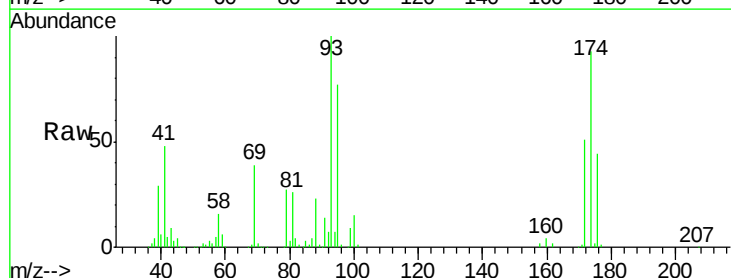
Manual Integrations
 APPROVED

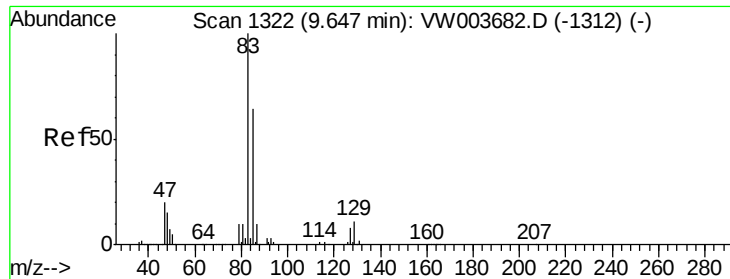
apatel
 7/3/2018 10:16:56 AM



#46
 Dibromomethane
 Concen: 50.59 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.0	66.2	99.4
174	99.3	79.6	119.4





#47

Bromodichloromethane

Concen: 50.08 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

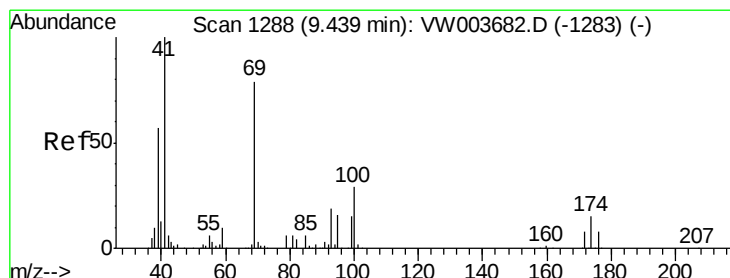
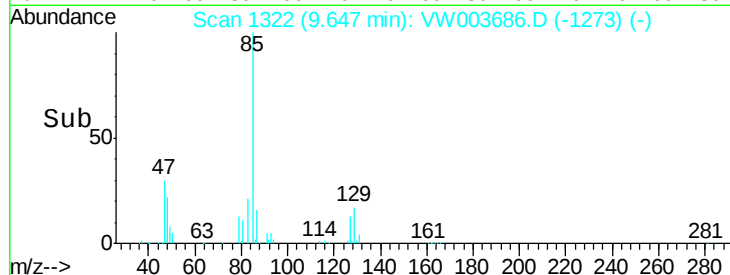
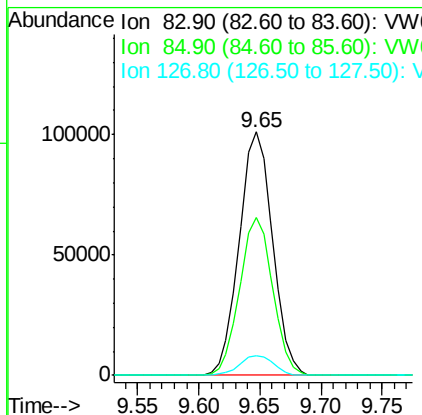
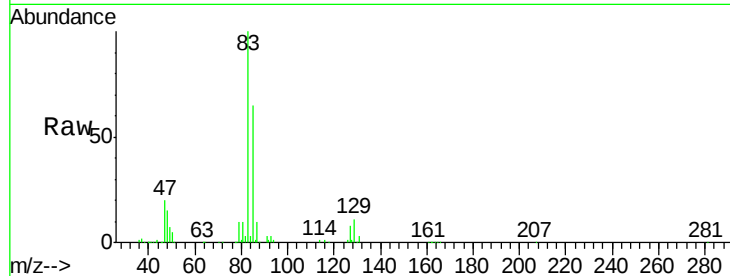
ClientSampled :

ICVW070218

Tot Ion:	83	Resp:	192049
Ion Ratio	Lower	Upper	
83	100		
85	65.0	51.1	76.7
127	8.3	6.5	9.7

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM



#48

Methyl methacrylate

Concen: 47.65 ug/l

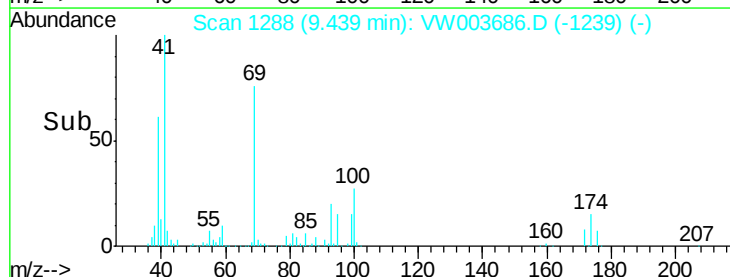
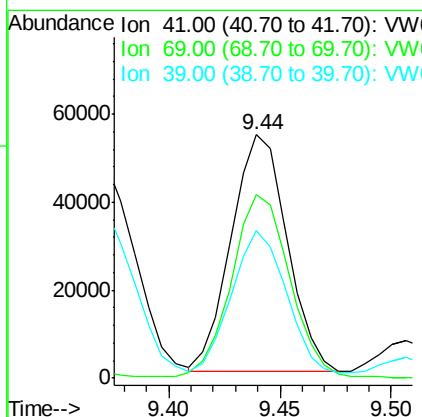
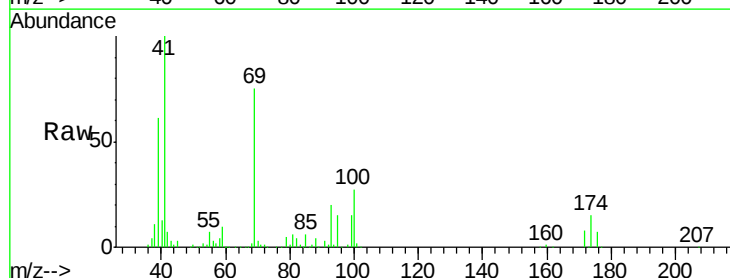
RT: 9.44 min Scan# 1288

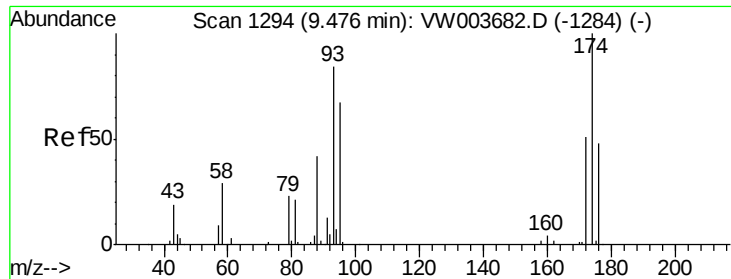
Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion:	41	Resp:	94245
Ion Ratio	Lower	Upper	
41	100		
69	80.8	65.4	98.2
39	63.3	50.0	75.0





#49

1,4-Dioxane

Concen: 1063.82 ug/l

RT: 9.46 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

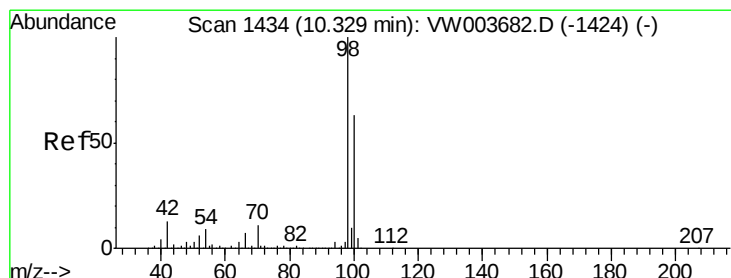
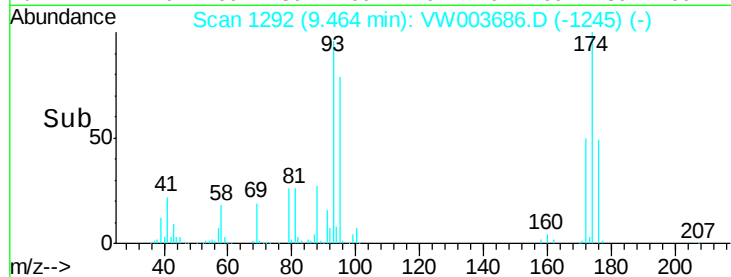
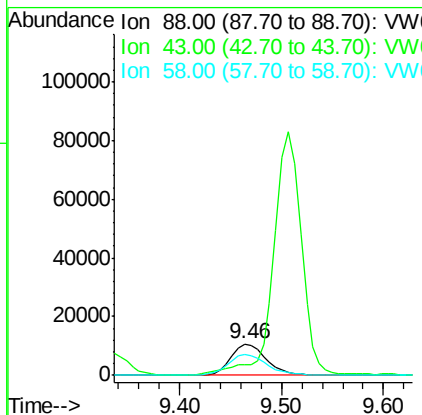
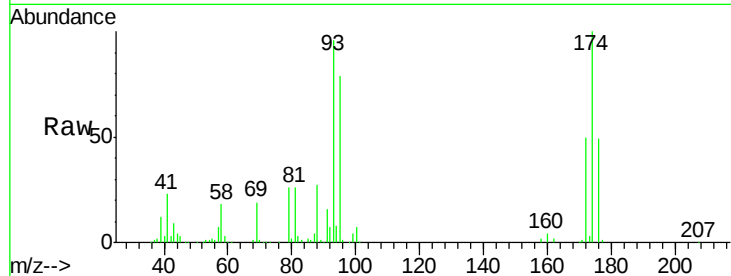
ClientSampled :

ICVW070218

Tot Ion	88	Resp	25891
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.7	61.8	92.6

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM



#50

Toluene-d8

Concen: 52.90 ug/l

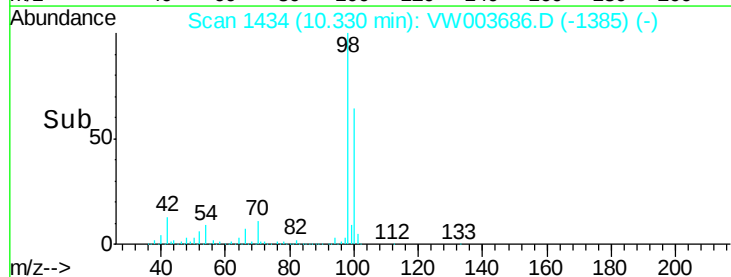
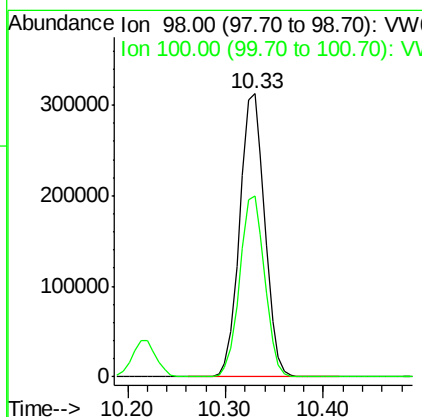
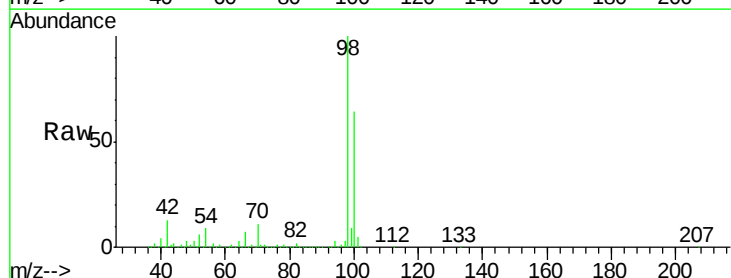
RT: 10.33 min Scan# 1434

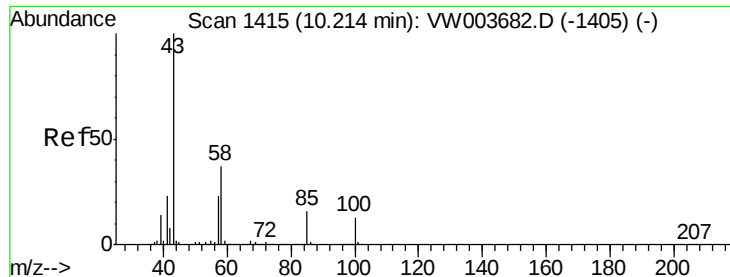
Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion	98	Resp	552844
Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.8	76.2





#51

4-Methyl-2-Pentanone

Concen: 260.15 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampled :

ICVW070218

Tot Ion: 43 Resp: 514900

Ion Ratio Lower Upper

43 100

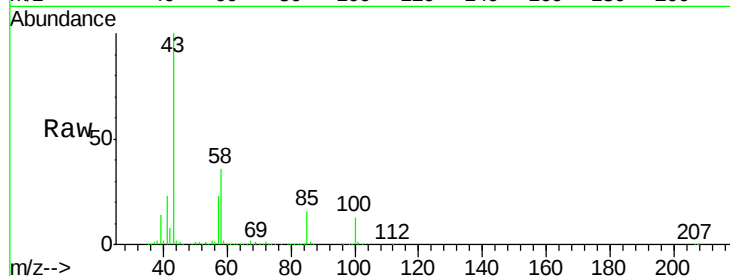
58 36.5 29.6 44.4

Manual Integrations

APPROVED

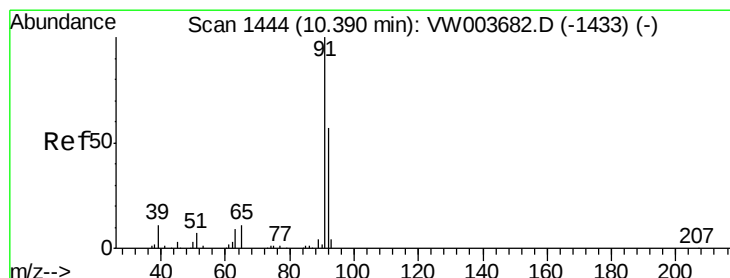
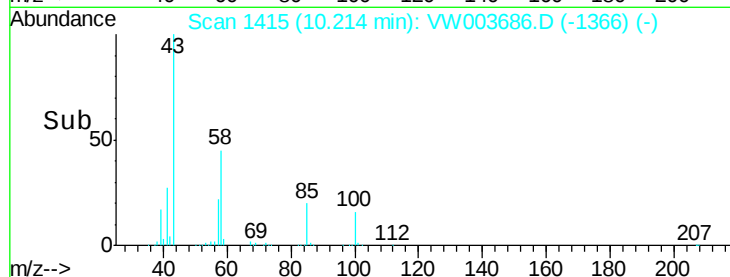
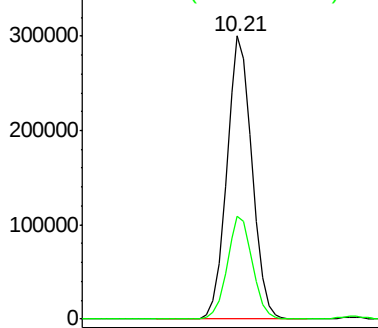
apatel

7/3/2018 10:16:56 AM



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 51.75 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW003686.D

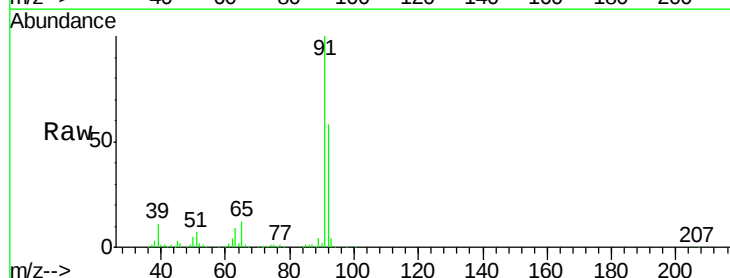
Acq: 02 Jul 2018 20:00

Tgt Ion: 92 Resp: 371906

Ion Ratio Lower Upper

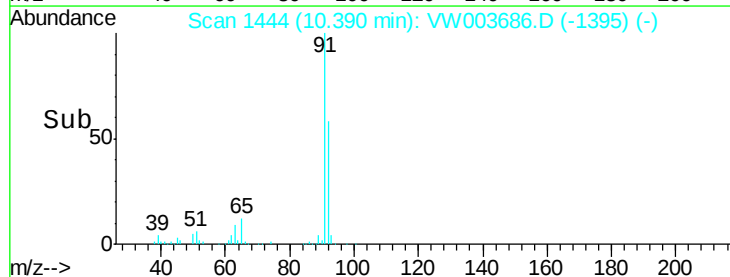
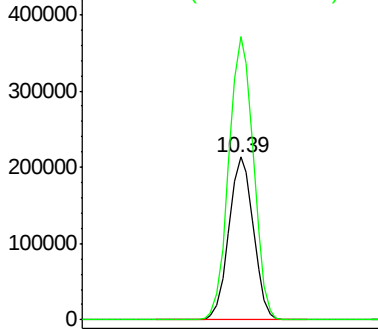
92 100

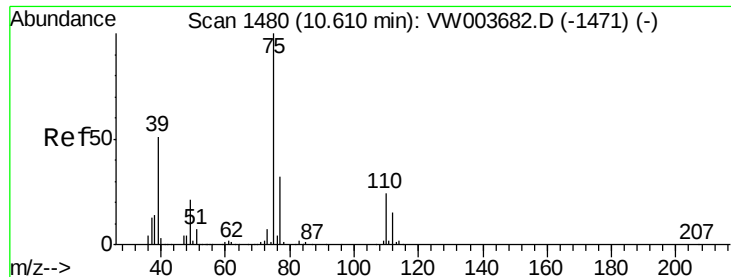
91 174.5 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





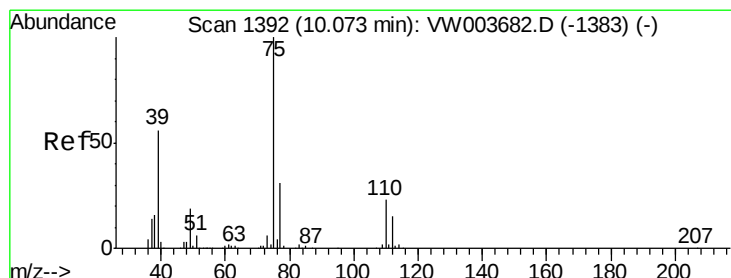
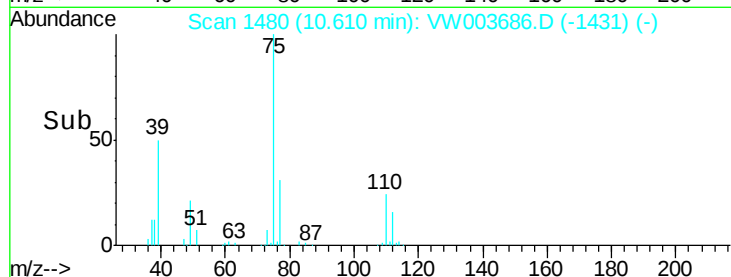
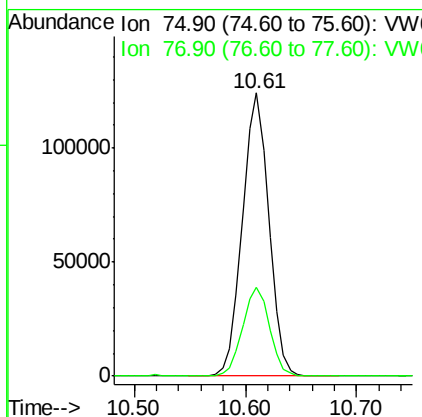
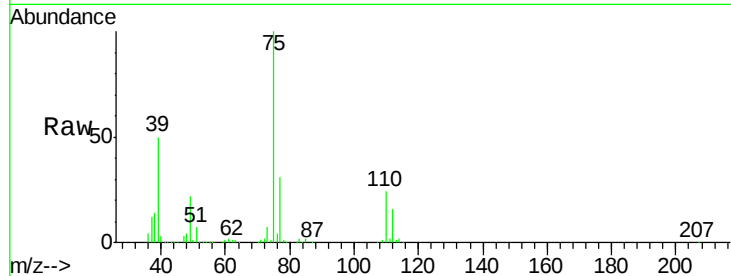
#53
 t-1,3-Dichloropropene
 Concen: 51.42 ug/l
 RT: 10.61 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070218

Tot Ion: 75 Resp: 204607
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.5 38.3

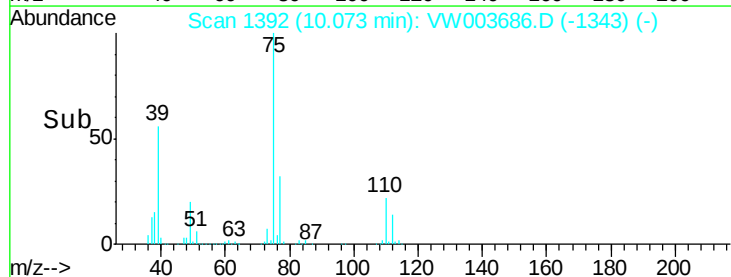
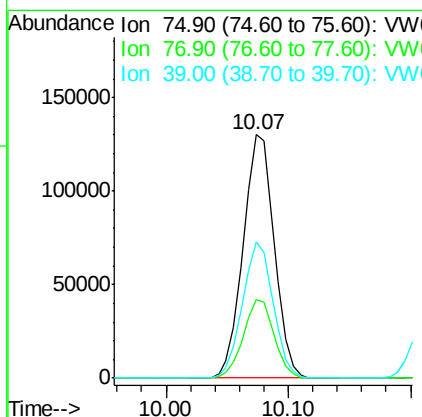
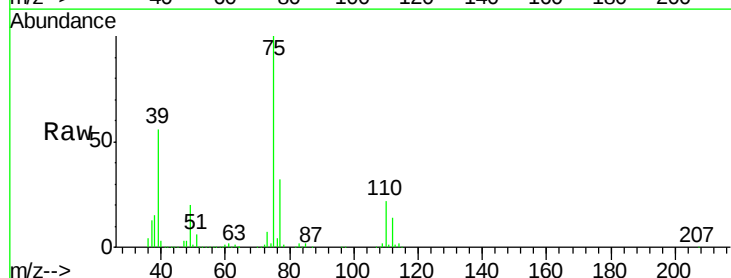
Manual Integrations
 APPROVED

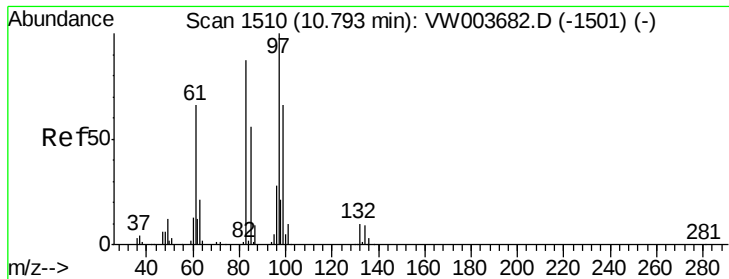
apatel
 7/3/2018 10:16:56 AM



#54
 cis-1,3-Dichloropropene
 Concen: 51.07 ug/l
 RT: 10.07 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion: 75 Resp: 230383
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.9 37.3
 39 55.6 44.6 67.0





#55

1,1,2-Trichloroethane

Concen: 49.97 ug/l

RT: 10.79 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

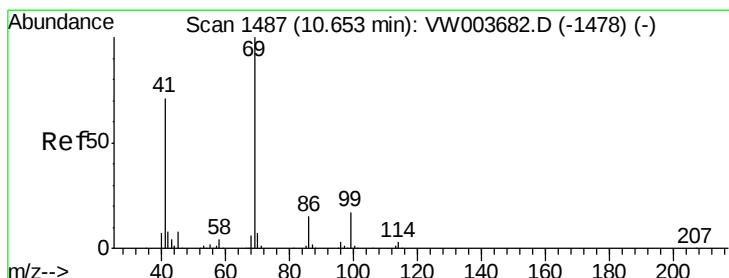
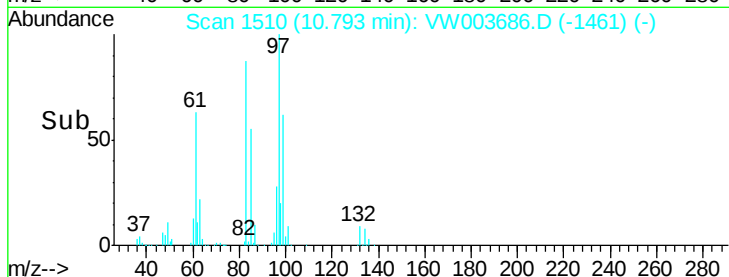
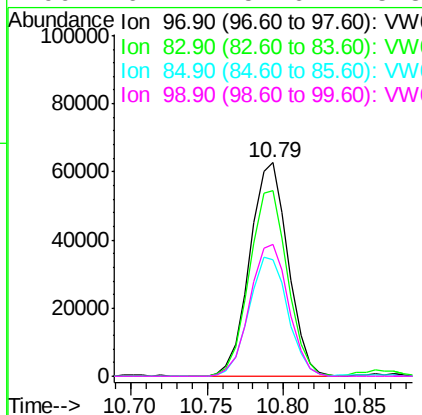
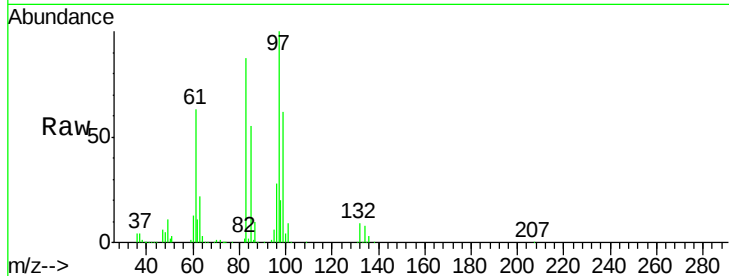
ClientSampleId :

ICVW070218

Tot Ion:	97	Resp:	109232
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.5	104.3
85	54.6	44.7	67.1
99	61.7	52.6	78.8

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM



#56

Ethyl methacrylate

Concen: 47.53 ug/l

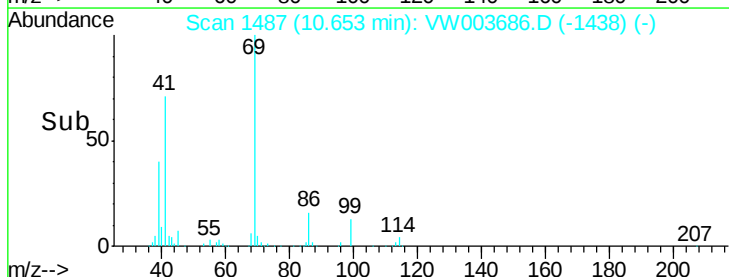
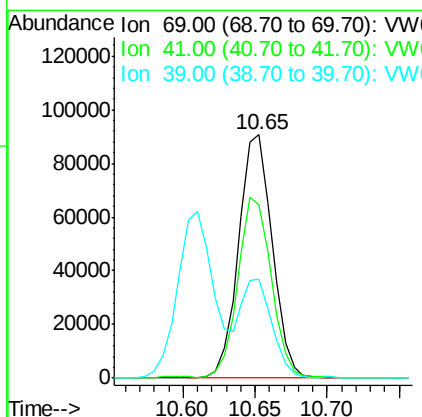
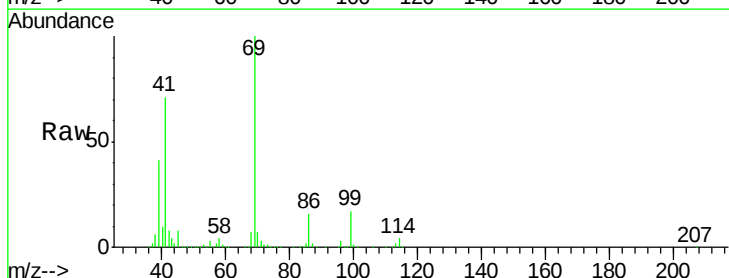
RT: 10.65 min Scan# 1487

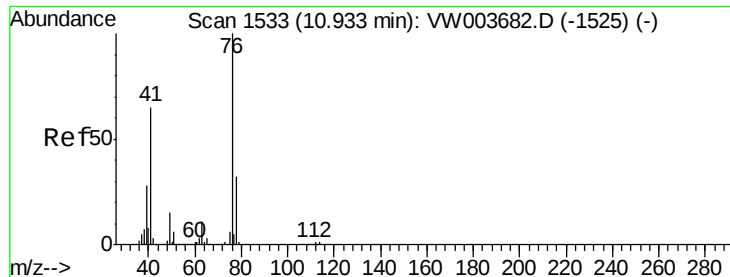
Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion:	69	Resp:	146842
Ion	Ratio	Lower	Upper
69	100		
41	73.5	57.5	86.3
39	36.7	29.4	44.0





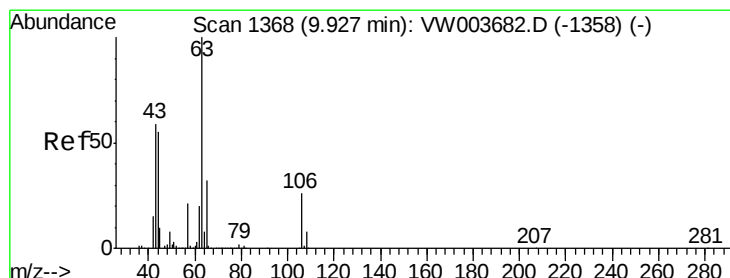
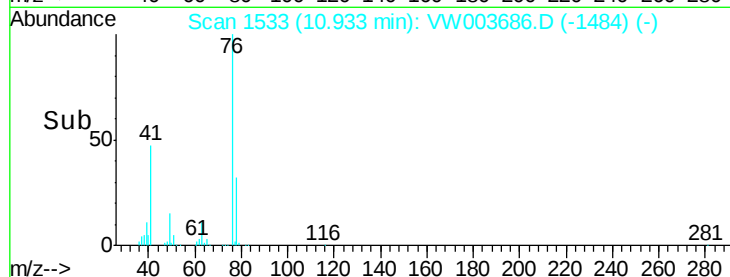
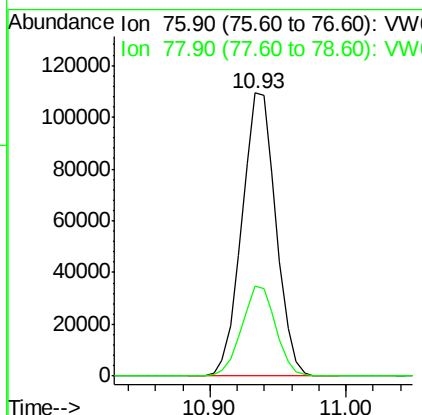
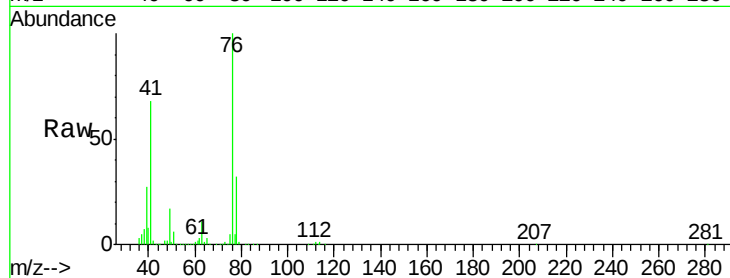
#57
 1,3-Dichloropropane
 Concen: 50.41 ug/l
 RT: 10.93 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.6	38.4

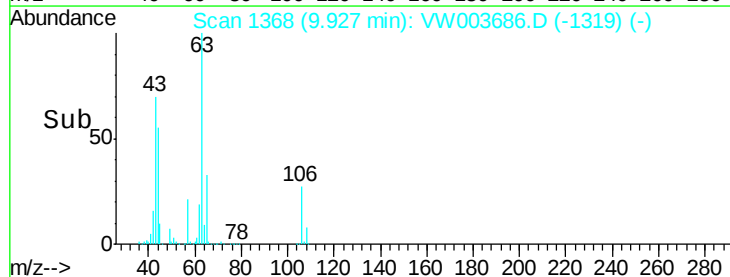
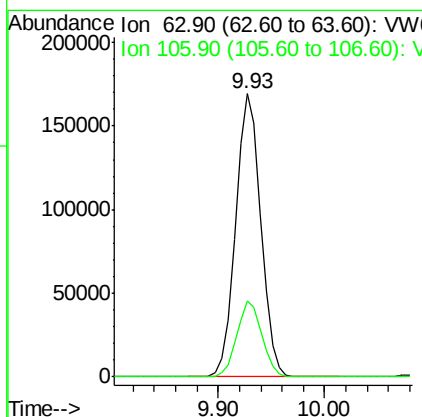
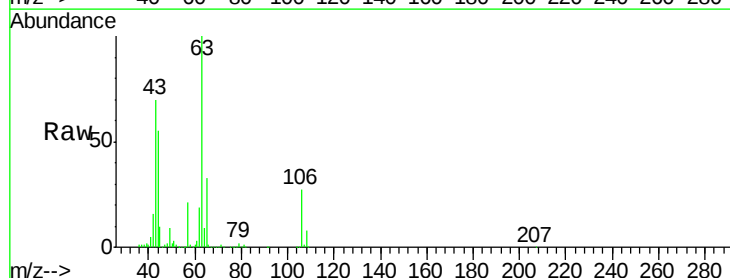
Manual Integrations
 APPROVED

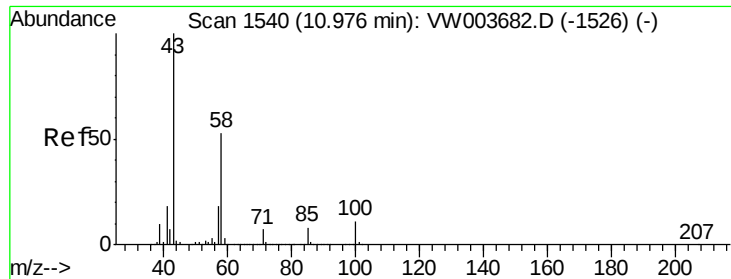
apatel
 7/3/2018 10:16:56 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.22 ug/l
 RT: 9.93 min Scan# 1368
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.6	20.7	31.1





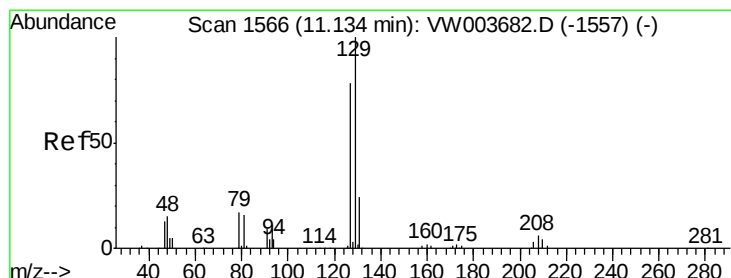
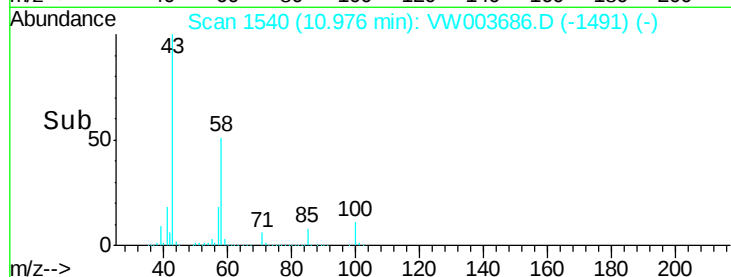
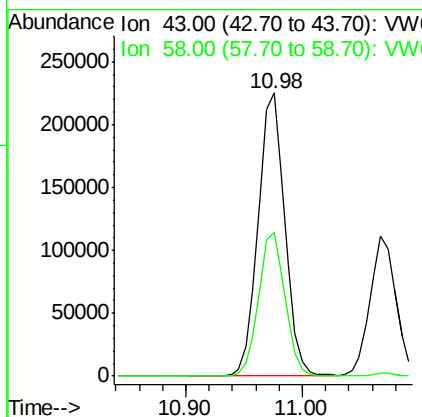
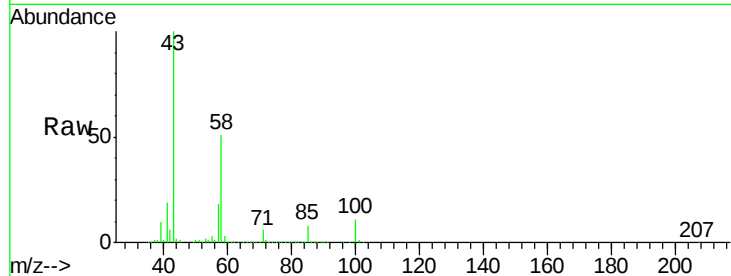
#59
2-Hexanone
Concen: 254.96 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

Tot Ion: 43 Resp: 360734
Ion Ratio Lower Upper
43 100
58 50.7 25.9 77.6

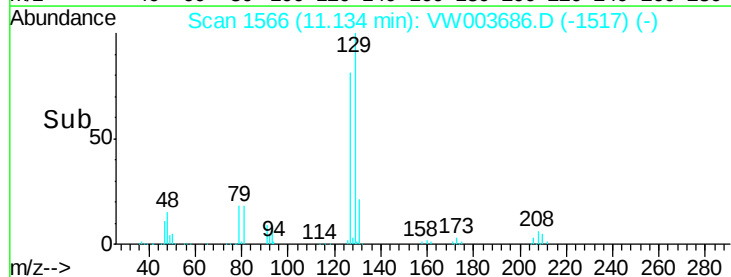
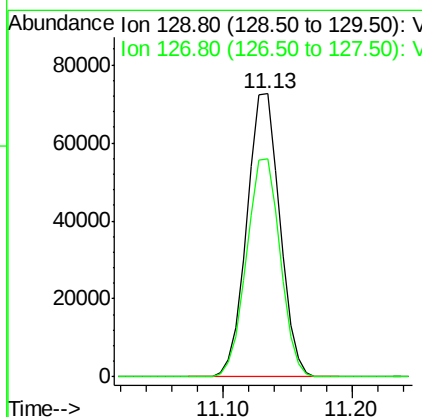
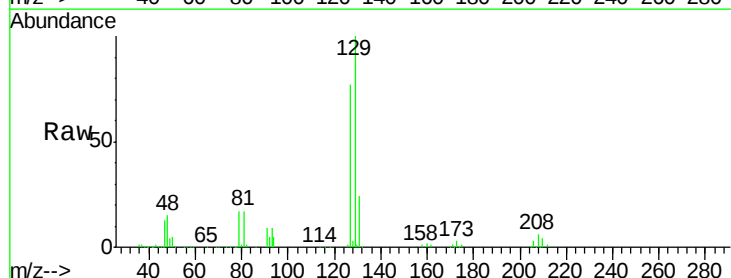
Manual Integrations
APPROVED

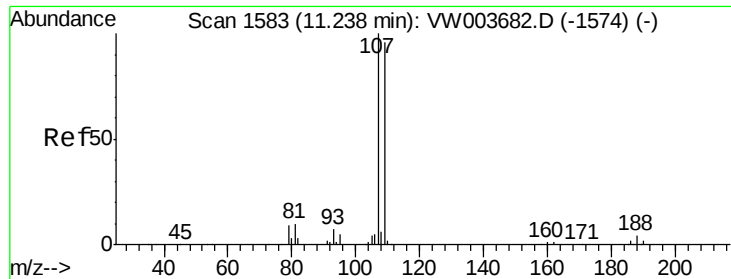
apatel
7/3/2018 10:16:56 AM



#60
Dibromochloromethane
Concen: 50.22 ug/l
RT: 11.13 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion: 129 Resp: 128331
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2





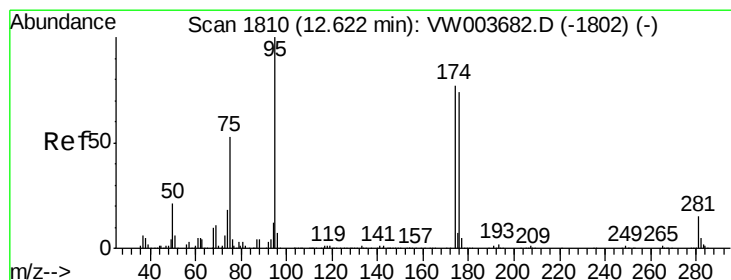
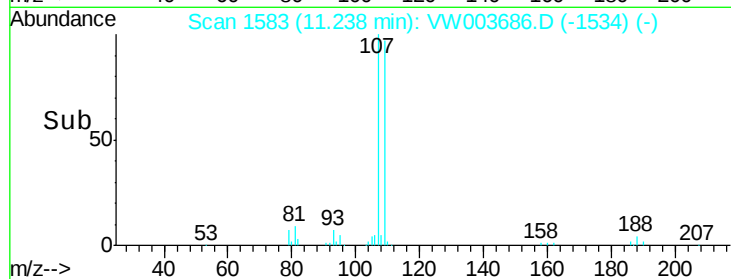
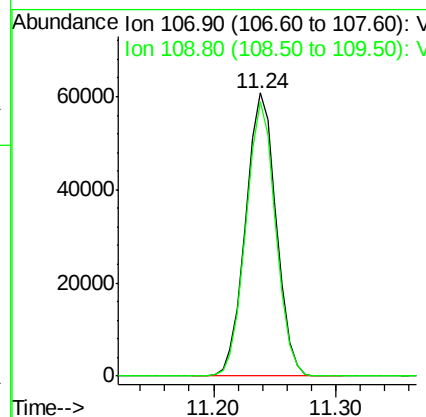
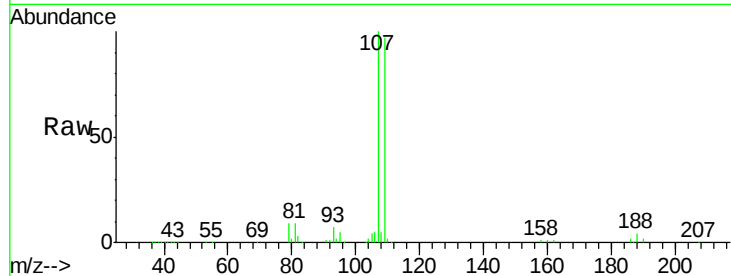
#61
 1,2-Dibromoethane
 Concen: 50.29 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

Tot Ion	Ratio	Resp	Lower	Upper
107	100	105291		
109	94.4	75.6	113.4	

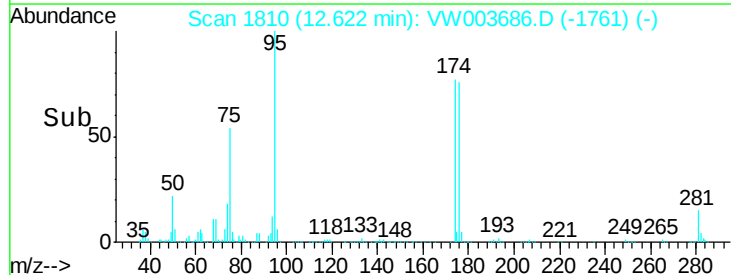
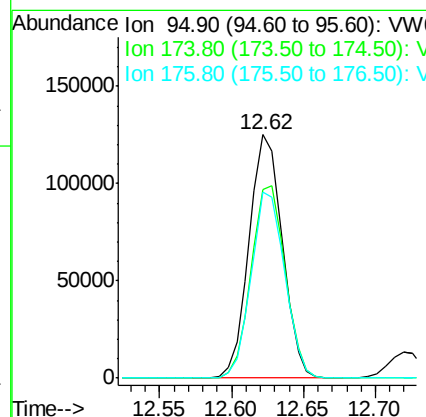
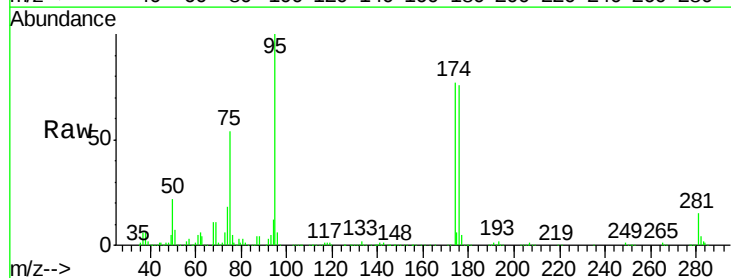
Manual Integrations
 APPROVED

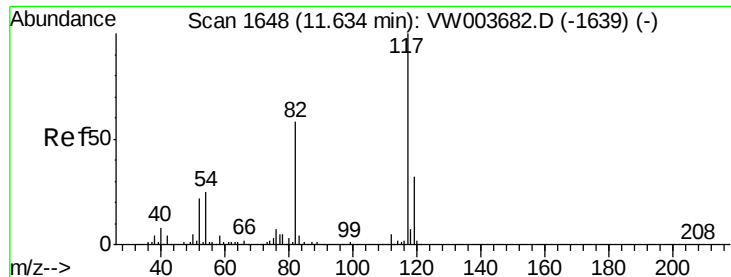
apatel
 7/3/2018 10:16:56 AM



#62
 4-Bromofluorobenzene
 Concen: 53.09 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	199305		
174	80.7	0.0	161.2	
176	77.2	0.0	155.0	





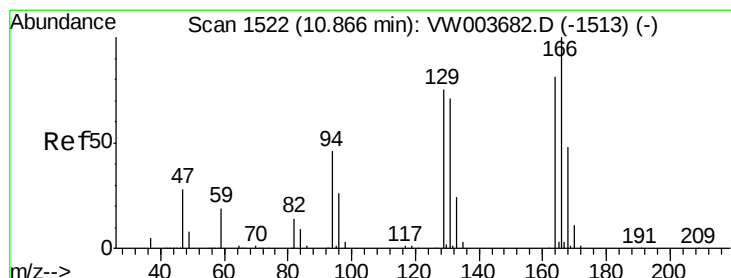
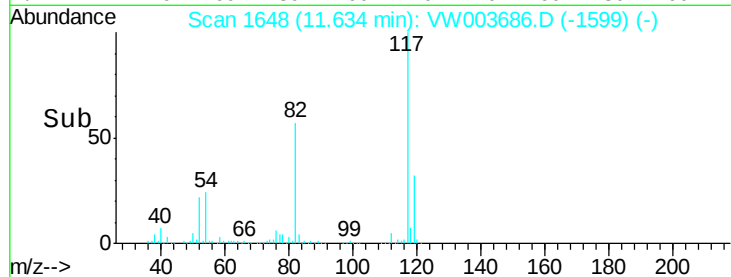
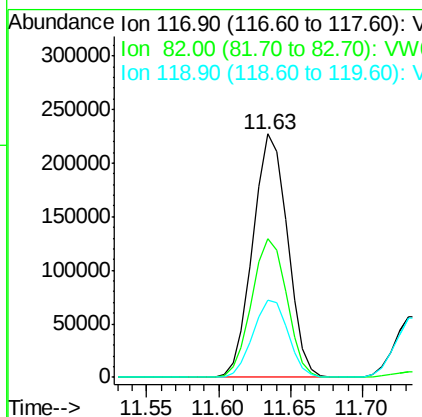
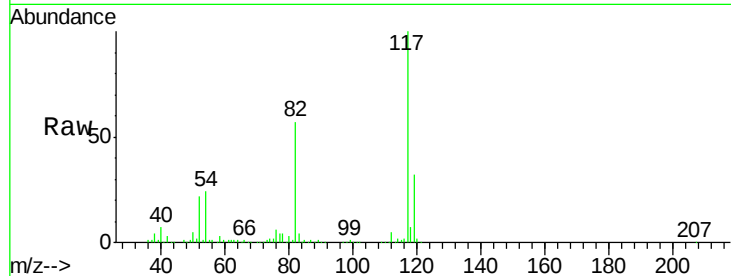
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampled :
ICVW070218

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.0	69.0
119	31.5	25.4	38.0

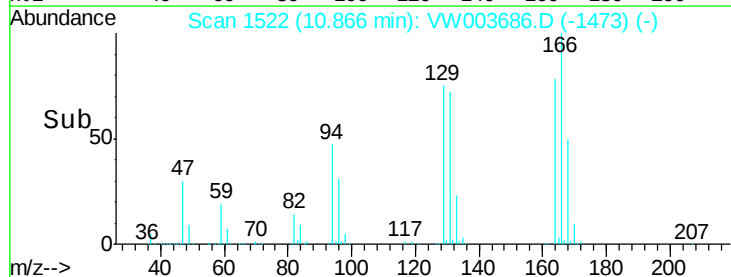
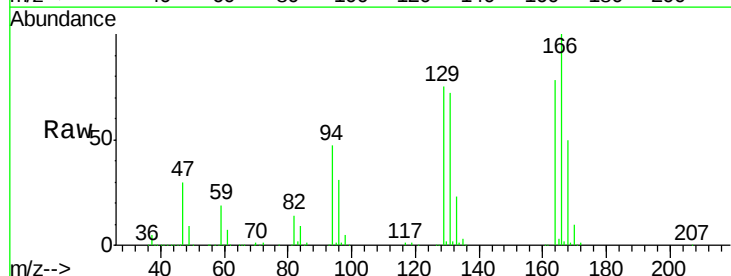
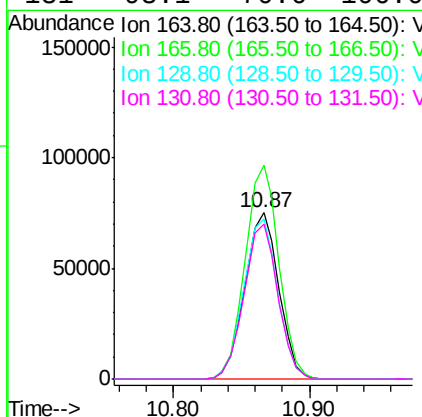
Manual Integrations
APPROVED

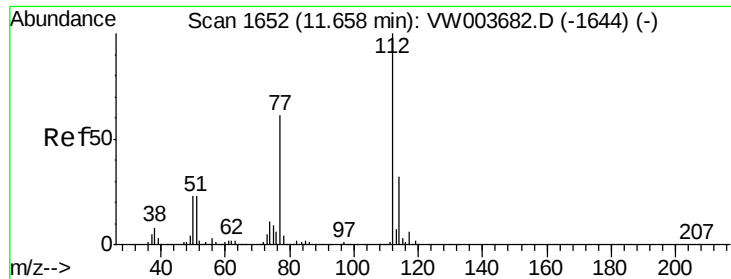
apatel
7/3/2018 10:16:56 AM



#64
Tetrachloroethene
Concen: 51.35 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.5	99.0	148.4
129	96.2	73.8	110.6
131	93.1	70.6	106.0





#65

Chlorobenzene

Concen: 50.38 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

Tot Ion:112 Resp: 401907

Ion Ratio Lower Upper

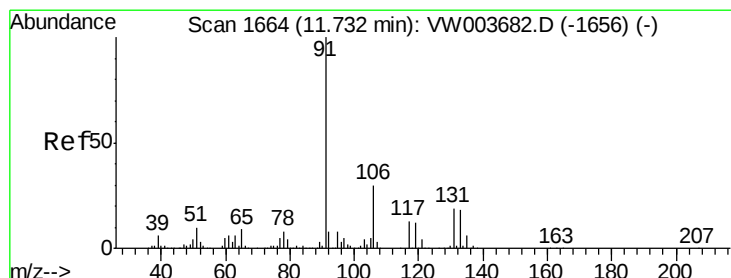
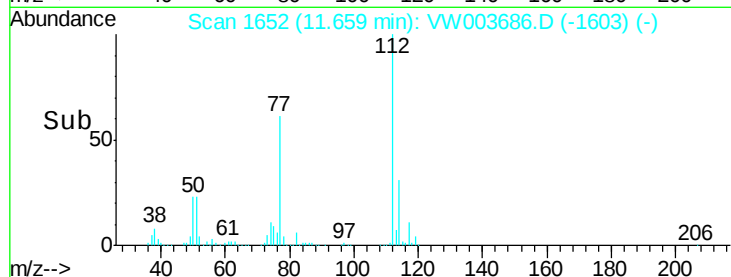
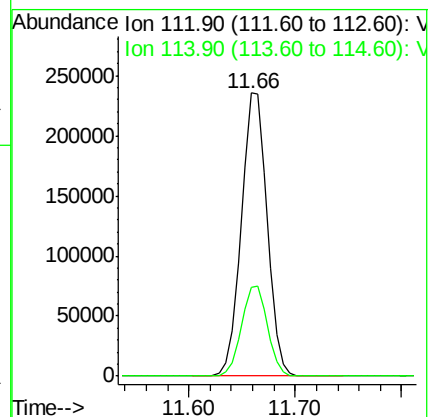
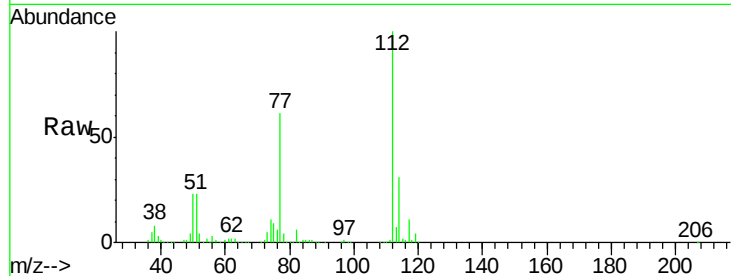
112 100

114 31.5 25.8 38.8

Manual Integrations
APPROVED

apatel

7/3/2018 10:16:56 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 50.51 ug/l

RT: 11.74 min Scan# 1665

Delta R.T. 0.01 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

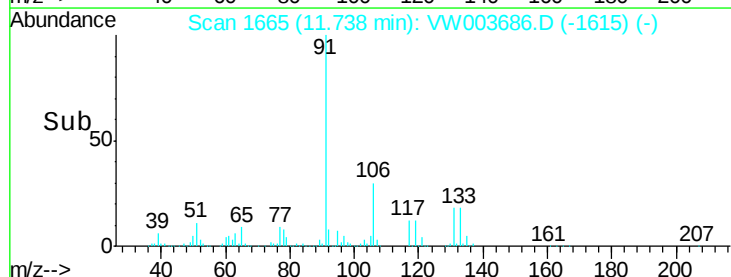
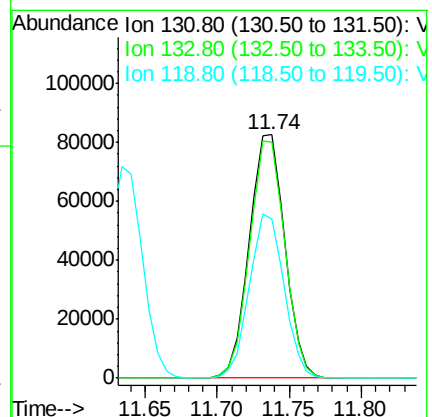
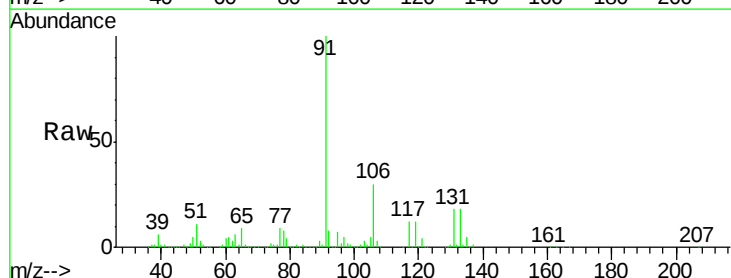
Tgt Ion:131 Resp: 140817

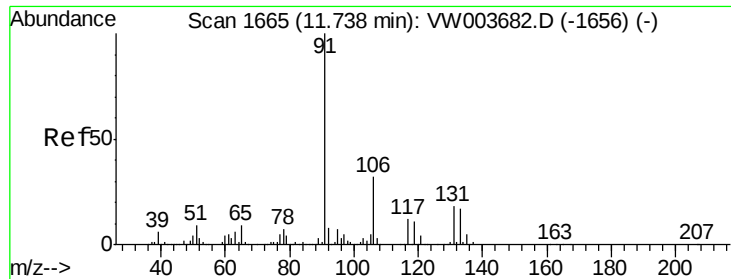
Ion Ratio Lower Upper

131 100

133 96.6 47.6 142.8

119 65.9 31.9 95.9





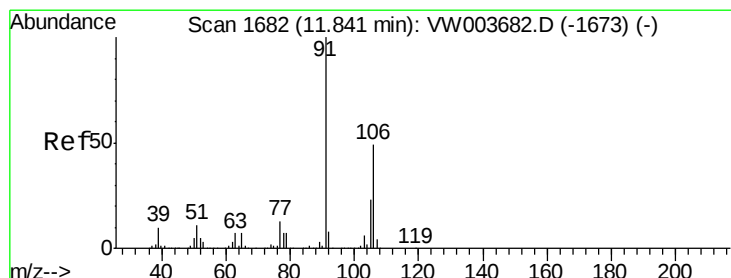
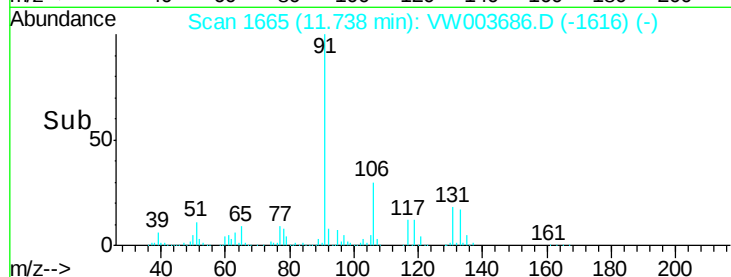
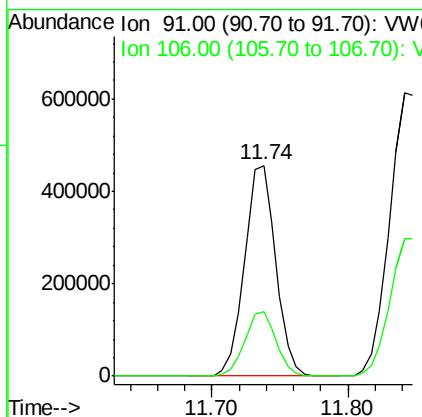
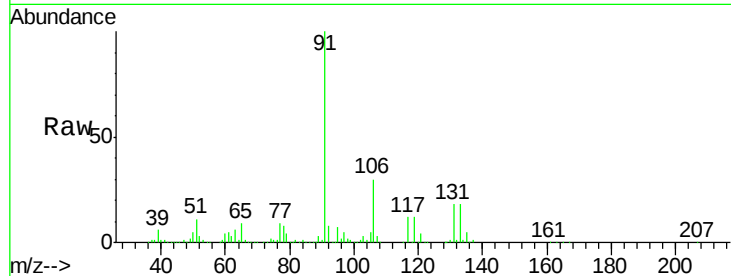
#67
Ethyl Benzene
Concen: 52.29 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

Tot Ion: 91 Resp: 730949
Ion Ratio Lower Upper
91 100
106 30.4 25.2 37.8

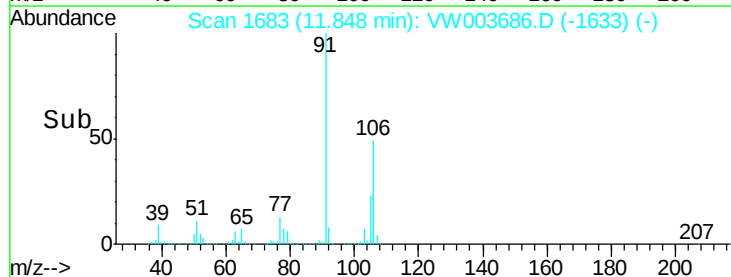
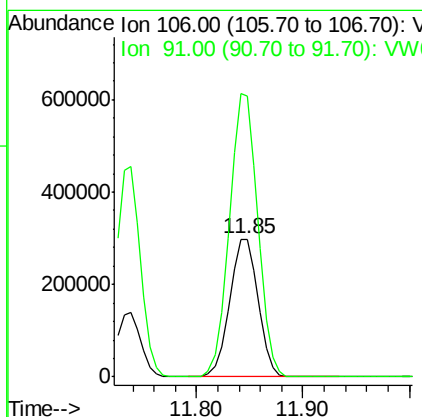
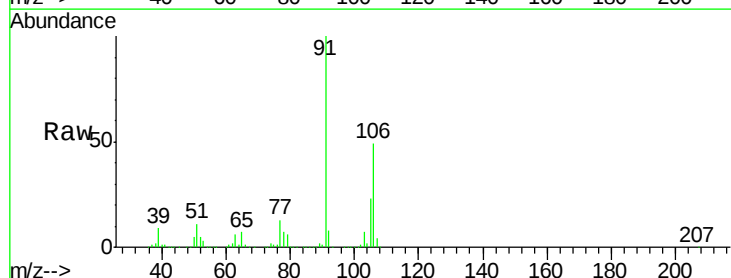
Manual Integrations
APPROVED

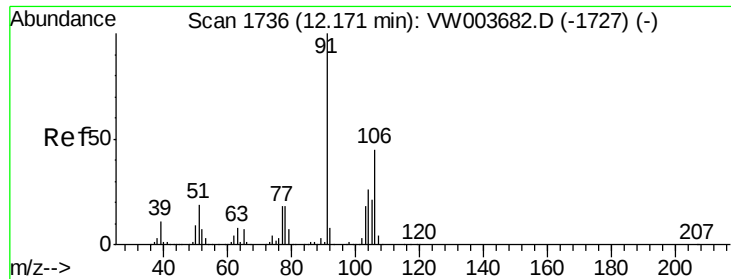
apatel
7/3/2018 10:16:56 AM



#68
m/p-Xylenes
Concen: 105.25 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion: 106 Resp: 559446
Ion Ratio Lower Upper
106 100
91 204.3 163.7 245.5





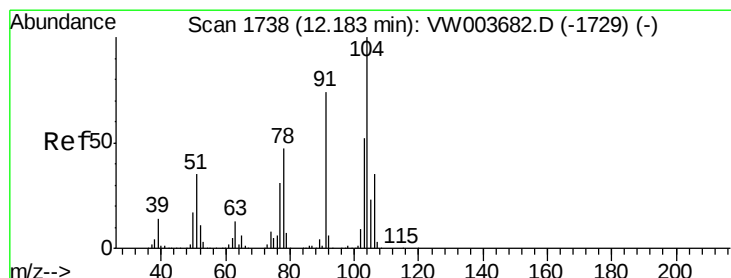
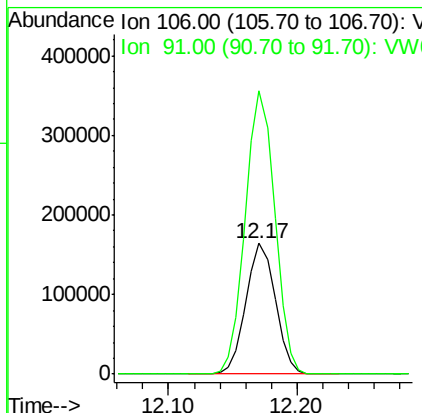
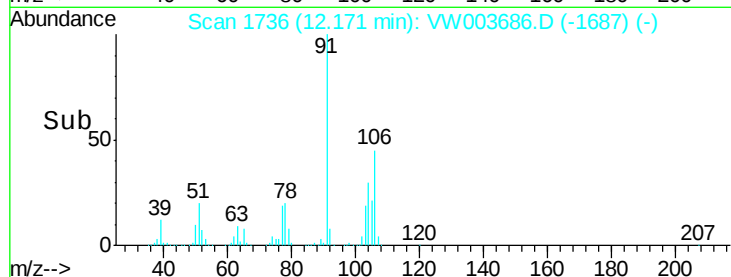
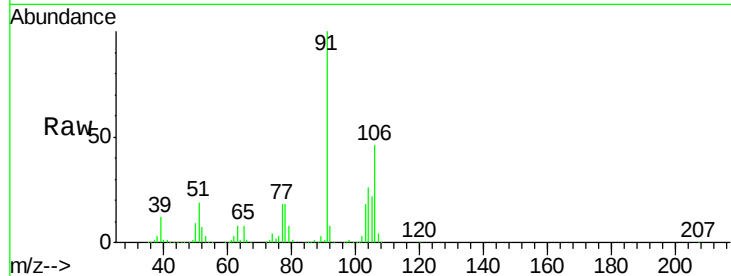
#69
o-Xylene
Concen: 52.71 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampled :
ICVW070218

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		259021		
91	217.9	109.3	327.8		

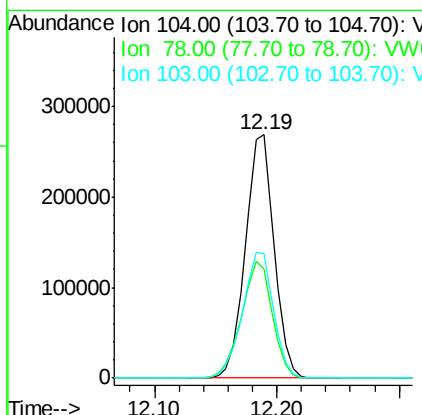
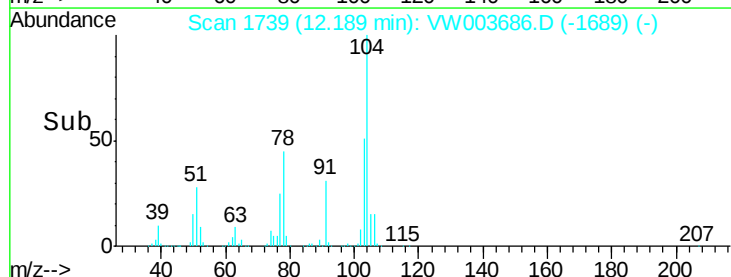
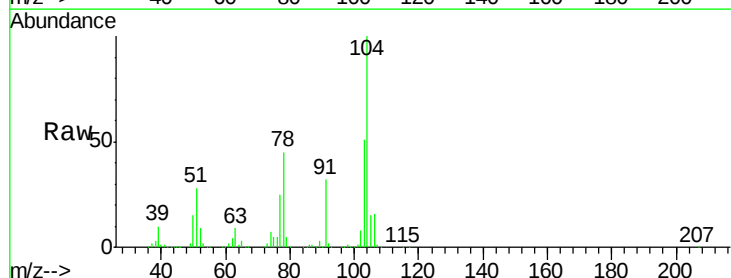
Manual Integrations
APPROVED

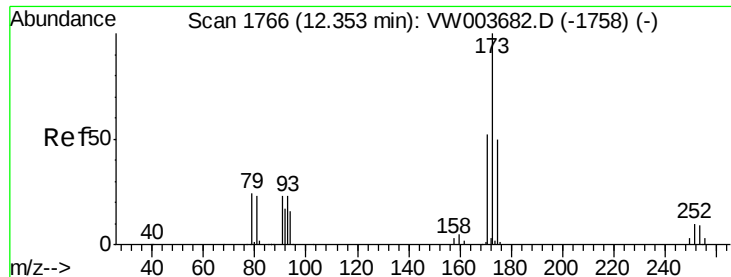
apatel
7/3/2018 10:16:56 AM



#70
Styrene
Concen: 53.25 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		439458		
78	51.5	40.2	60.4		
103	55.7	44.4	66.6		





#71

Bromoform

Concen: 50.37 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

Tot Ion:173 Resp: 78039

Ion Ratio Lower Upper

173 100

175 49.1 24.5 73.5

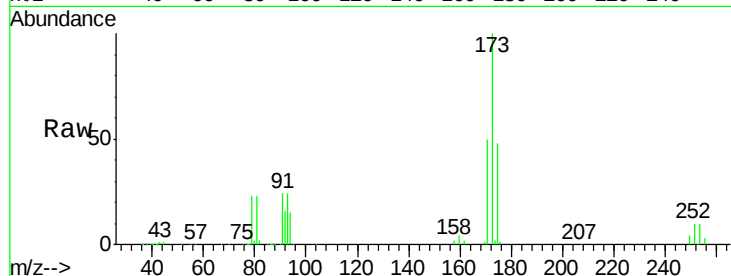
254 0.1 0.2 0.2#

Manual Integrations

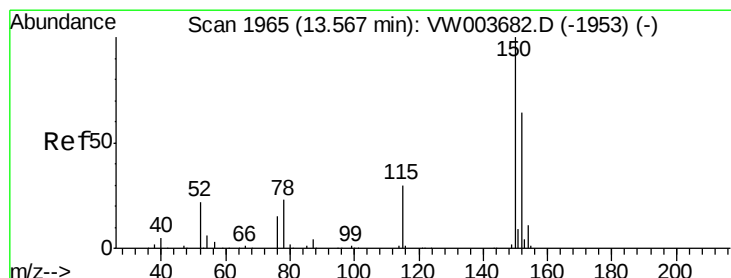
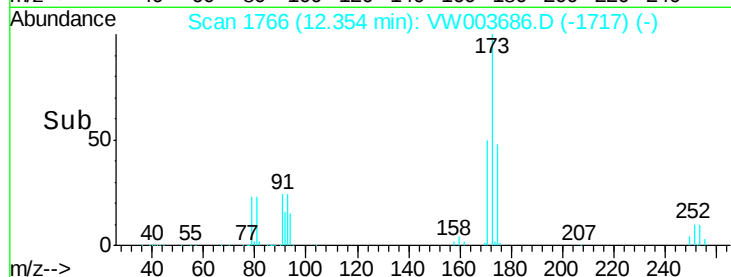
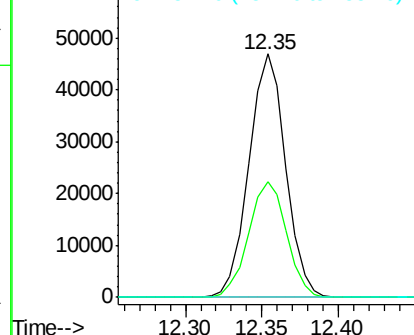
APPROVED

apatel

7/3/2018 10:16:56 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.57 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

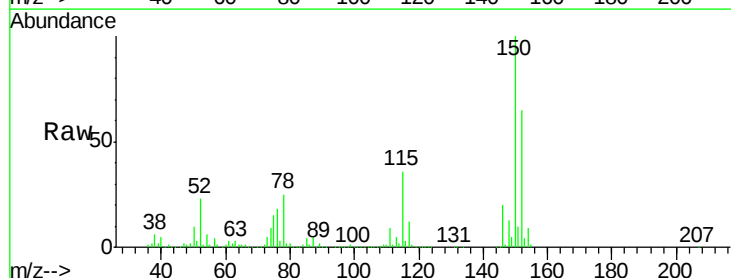
Tgt Ion:152 Resp: 201237

Ion Ratio Lower Upper

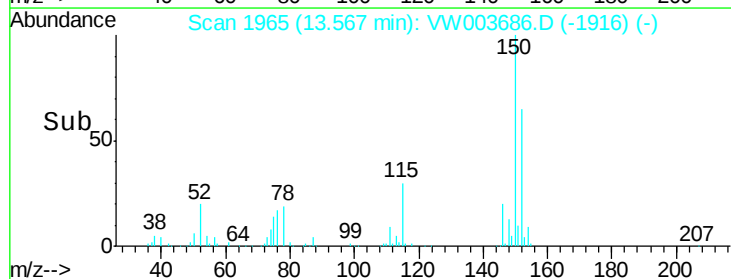
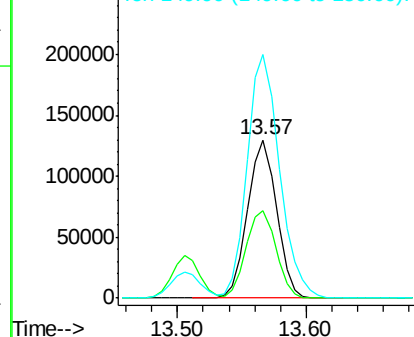
152 100

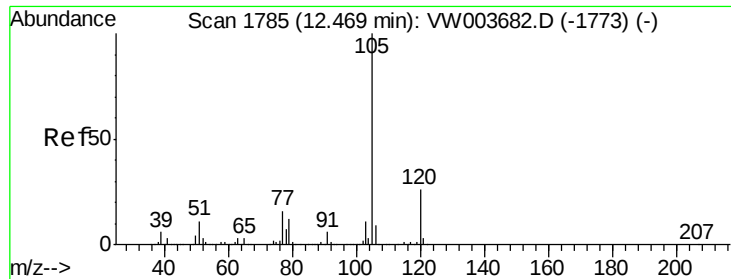
115 57.4 29.3 88.0

150 172.0 0.0 352.0



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





#73

Isopropylbenzene

Concen: 52.61 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampleId :

ICVW070218

Tot Ion: 105 Resp: 720133

Ion Ratio Lower Upper

105 100

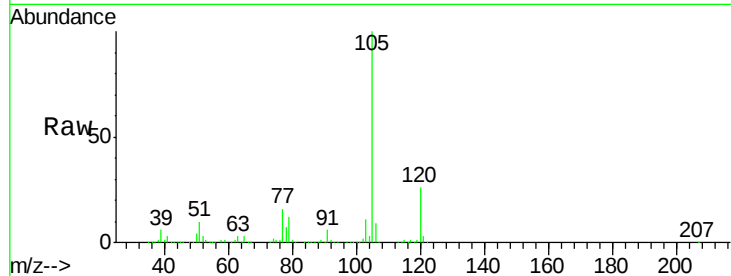
120 26.3 13.1 39.3

Manual Integrations

APPROVED

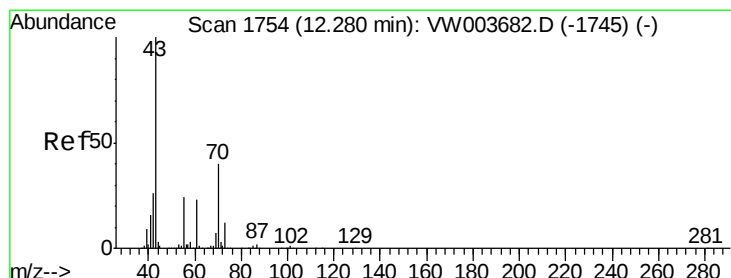
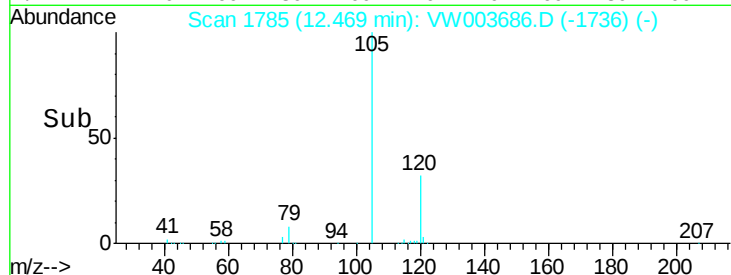
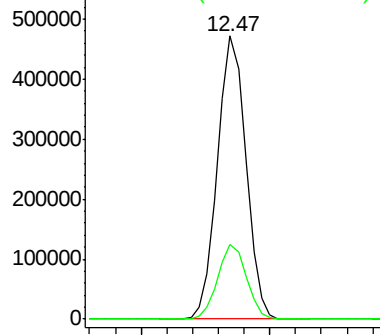
apatel

7/3/2018 10:16:56 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.40 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion: 43 Resp: 193025

Ion Ratio Lower Upper

43 100

70 38.3 31.3 46.9

55 24.0 20.1 30.1

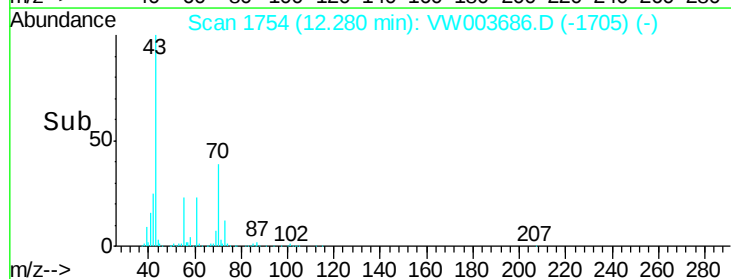
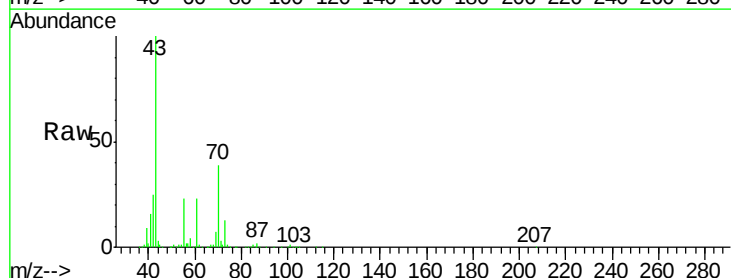
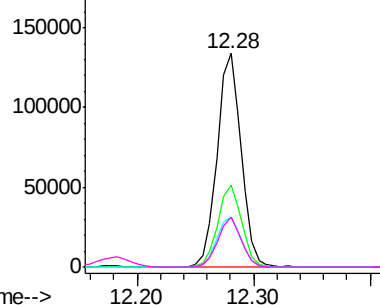
61 22.4 18.2 27.2

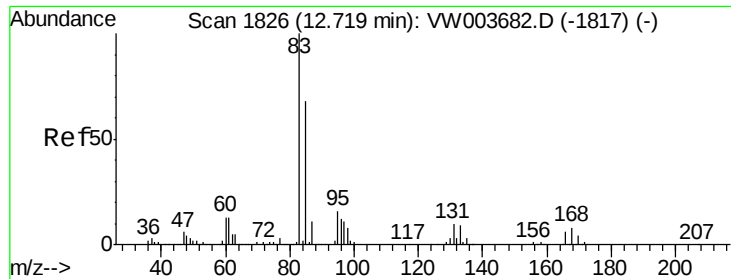
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





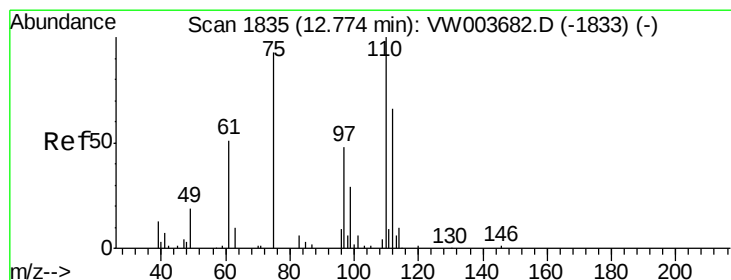
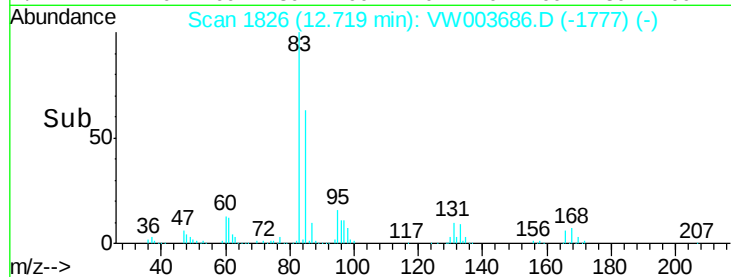
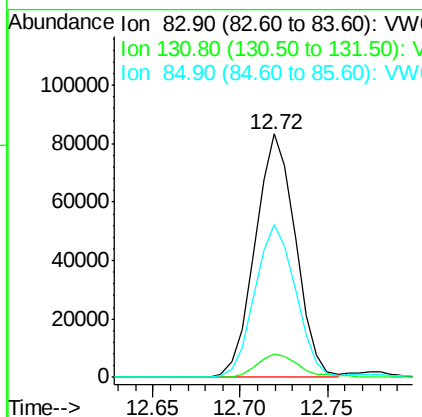
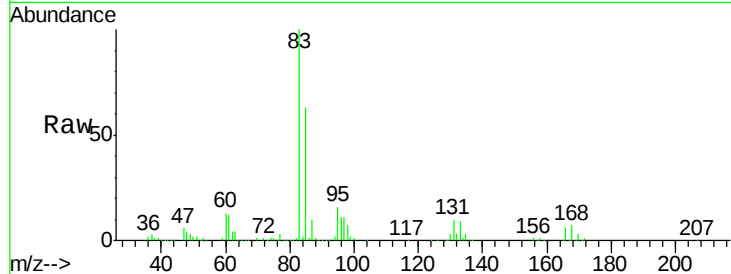
#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.87 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070218

Tot Ion	83	Resp	133538
Ion Ratio	100	Lower	Upper
83	100		
131	10.3	5.3	15.9
85	64.0	31.9	95.9

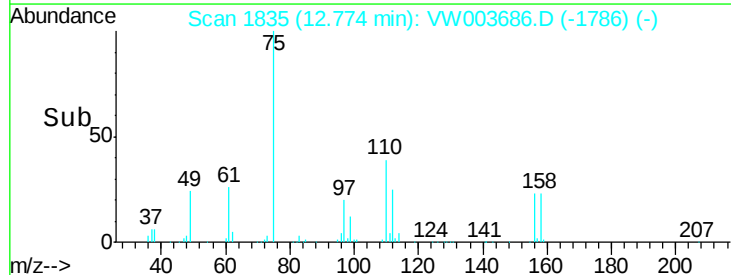
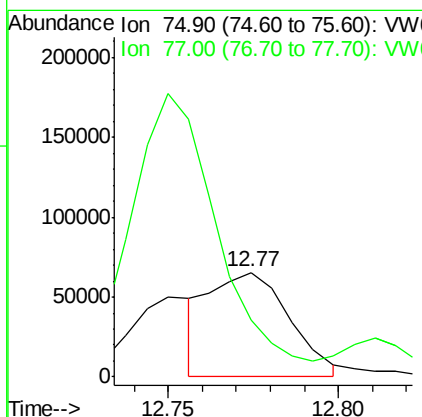
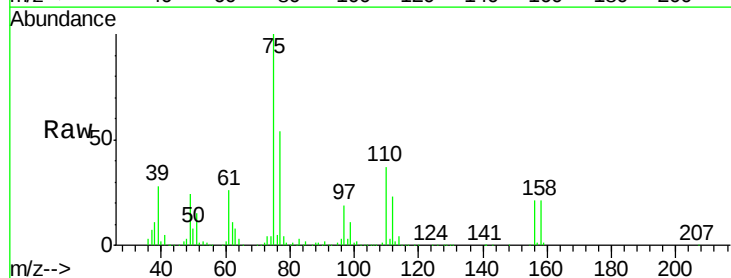
Manual Integrations
 APPROVED

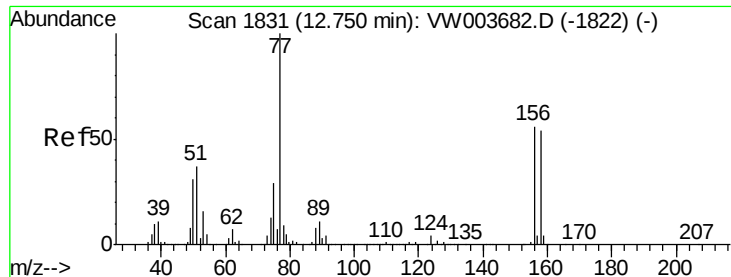
apatel
 7/3/2018 10:16:56 AM



#76
 1,2,3-Trichloropropane
 Concen: 58.83 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion	75	Resp	106451
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.62 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

ClientSampled :

ICVW070218

Tot Ion:156 Resp: 166288

Ion Ratio Lower Upper

156 100

77 193.3 95.8 287.4

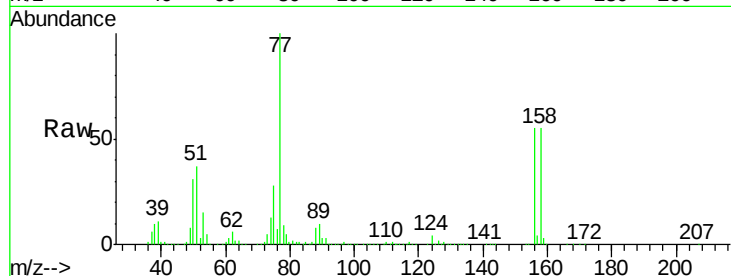
158 97.8 48.2 144.6

Manual Integrations

APPROVED

apatel

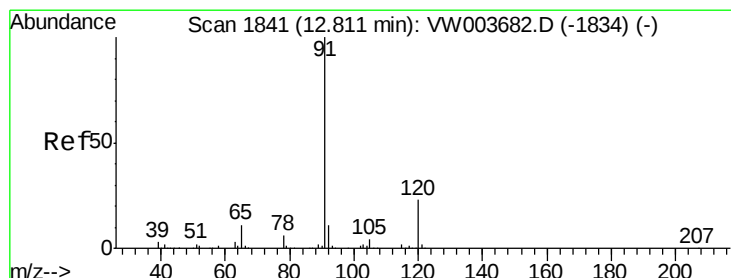
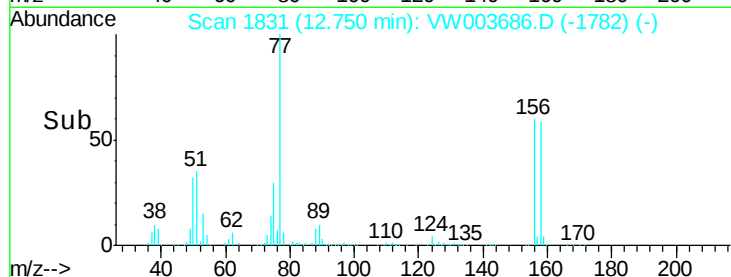
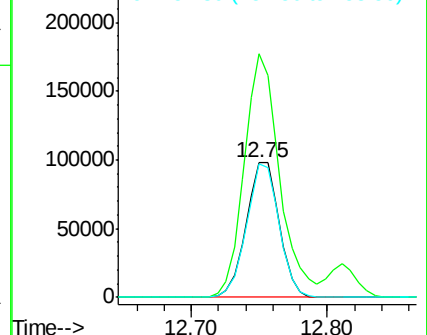
7/3/2018 10:16:56 AM



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: 52.89 ug/l

RT: 12.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VW003686.D

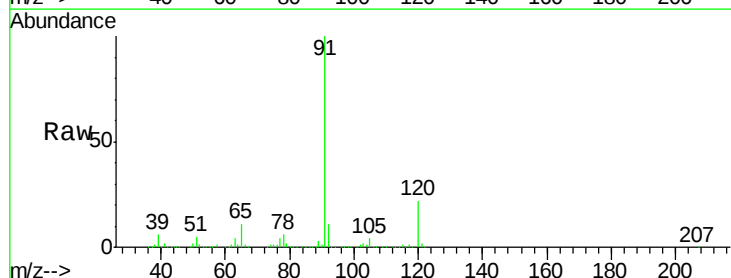
Acq: 02 Jul 2018 20:00

Tgt Ion: 91 Resp: 894473

Ion Ratio Lower Upper

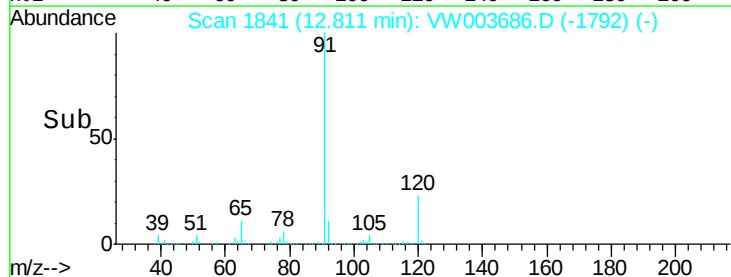
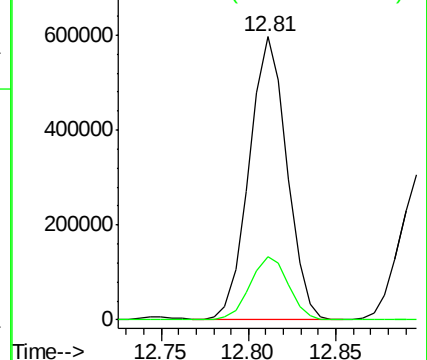
91 100

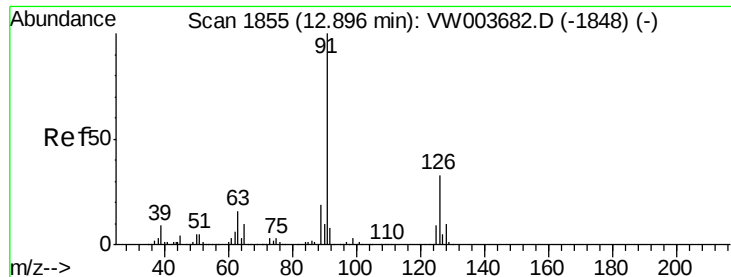
120 22.6 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





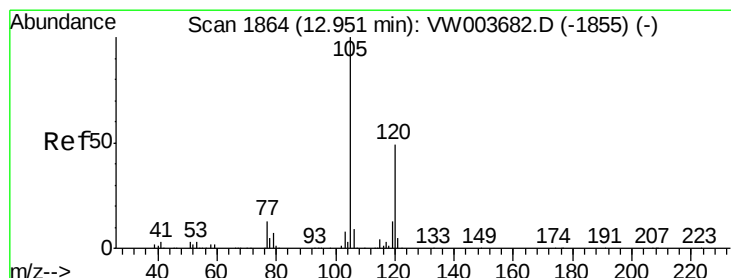
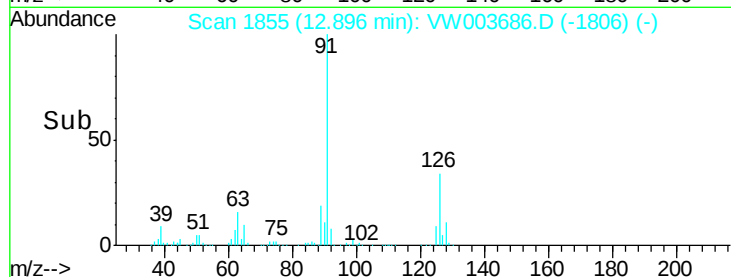
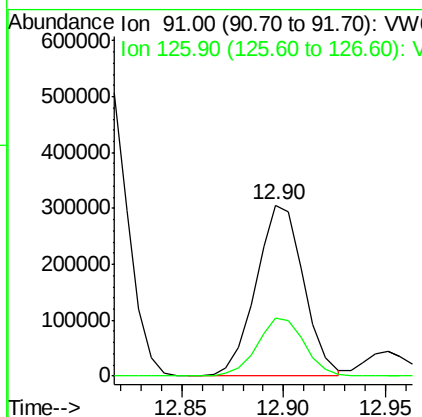
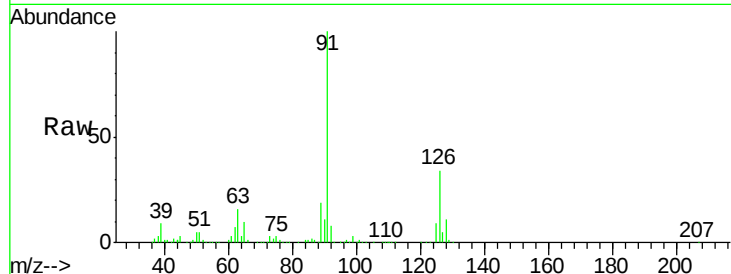
#79
 2-Chlorotoluene
 Concen: 51.53 ug/l
 RT: 12.90 min Scan# 1855
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW070218

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.4	49.4

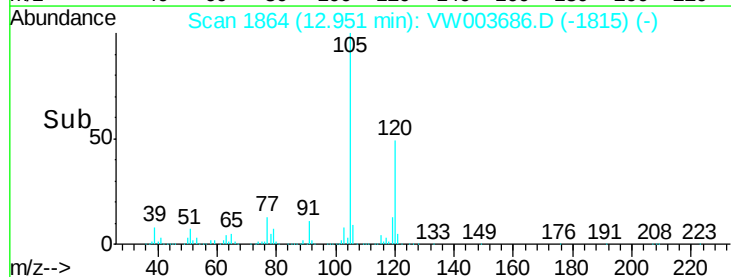
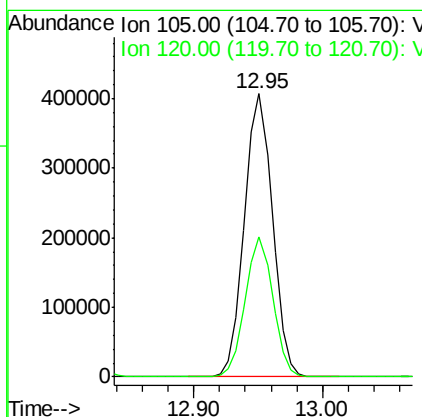
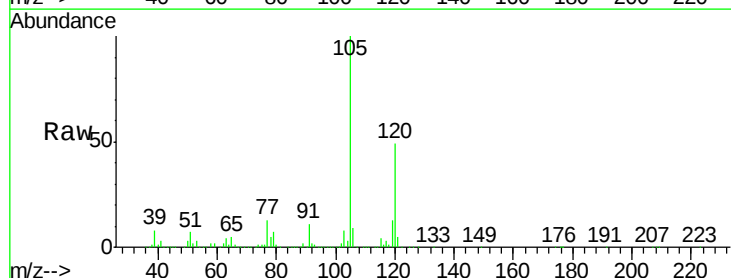
Manual Integrations
 APPROVED

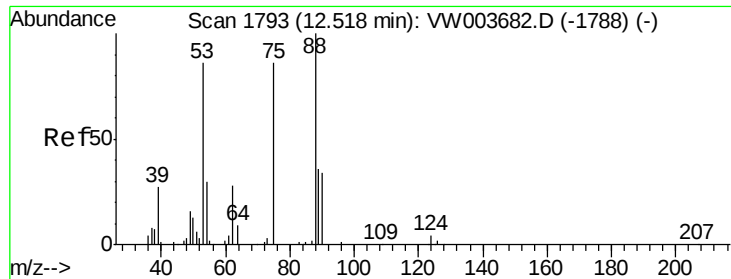
apatel
 7/3/2018 10:16:56 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 52.84 ug/l
 RT: 12.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.7	24.3	72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 51.14 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

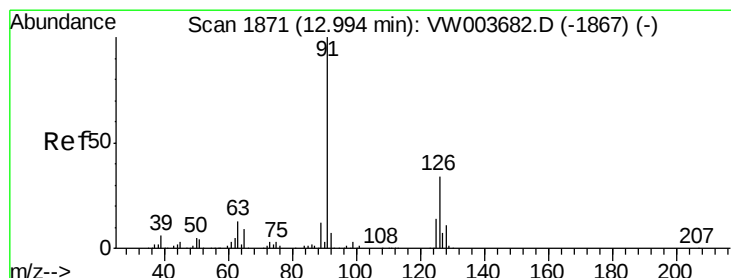
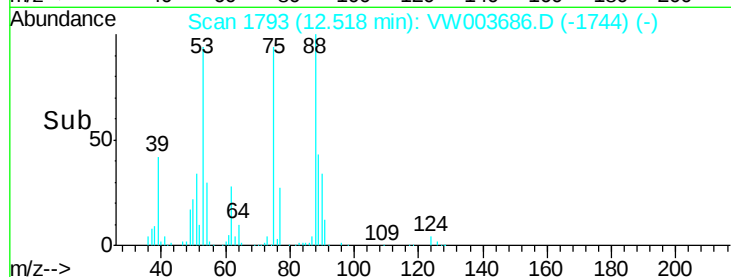
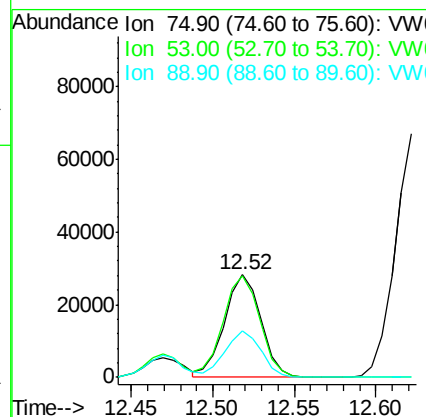
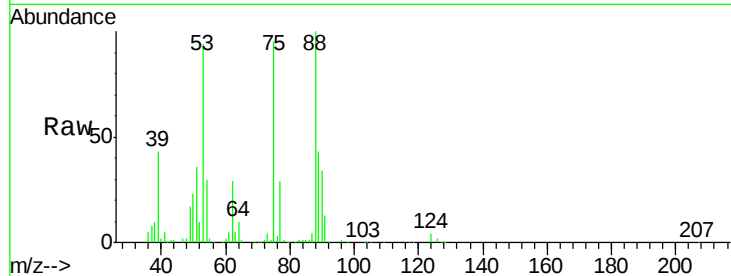
ClientSampled :

ICVW070218

Tot Ion:	75	Resp:	43669
Ion	Ratio	Lower	Upper
75	100		
53	101.4	82.4	123.6
89	44.3	35.9	53.9

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM



#82

4-Chlorotoluene

Concen: 52.07 ug/l

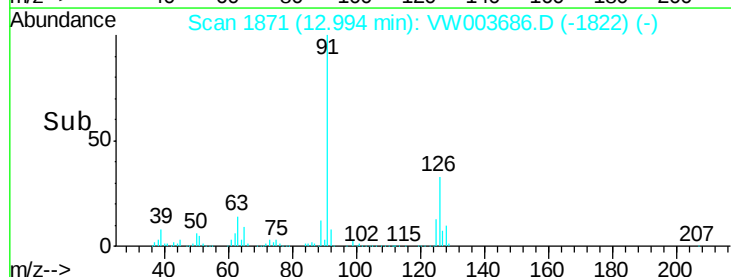
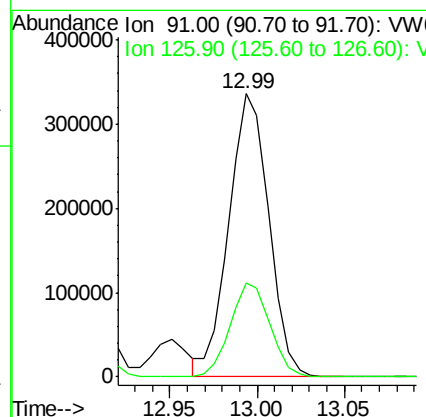
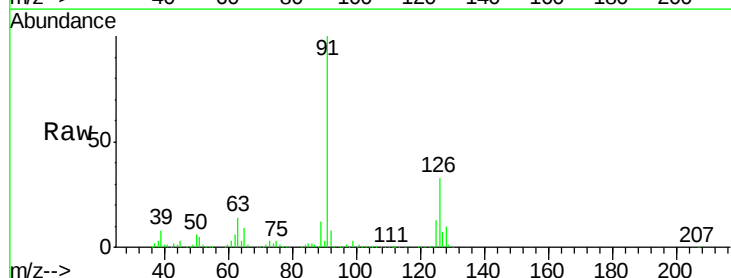
RT: 12.99 min Scan# 1871

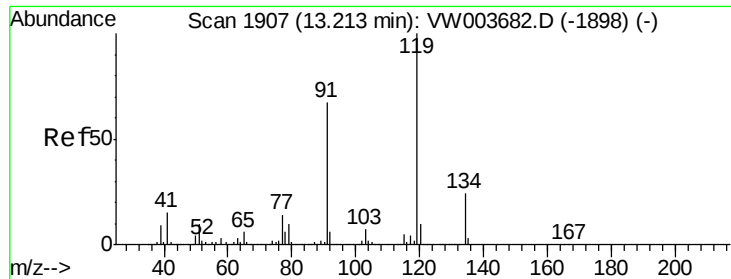
Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion:	91	Resp:	531934
Ion	Ratio	Lower	Upper
91	100		
126	33.1	17.0	50.9





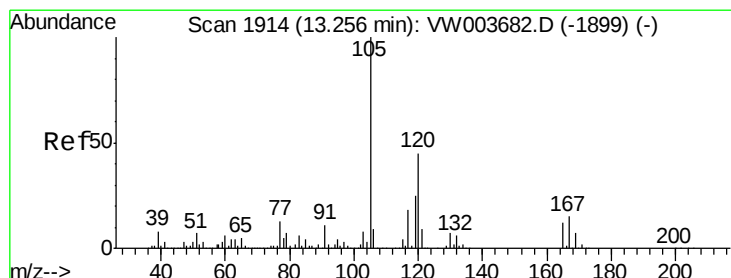
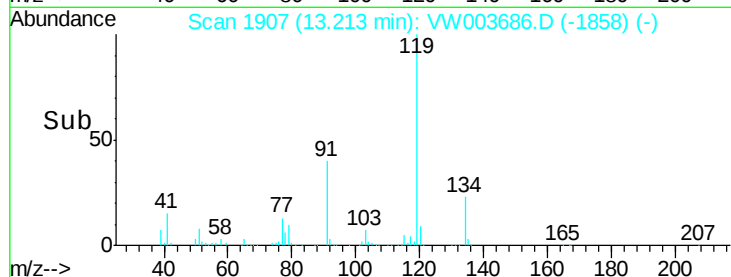
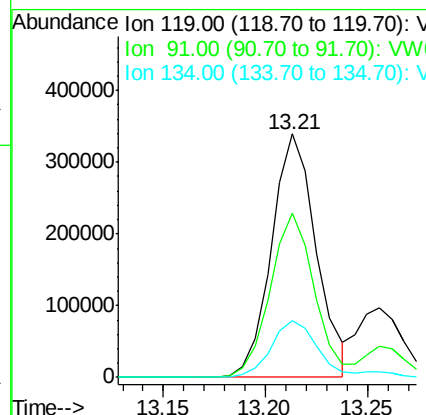
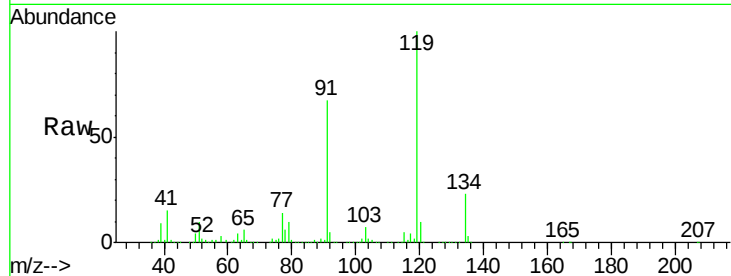
#83
 tert-Butylbenzene
 Concen: 53.06 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070218

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	33.8	101.3
134	23.9	13.1	39.1

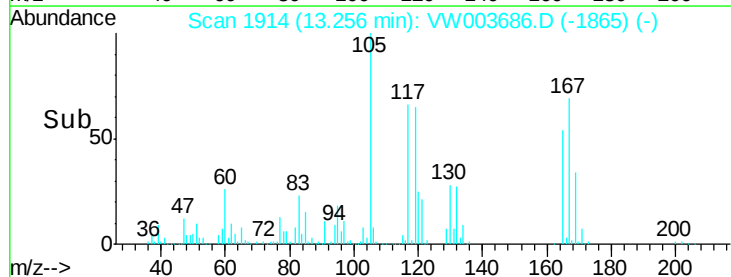
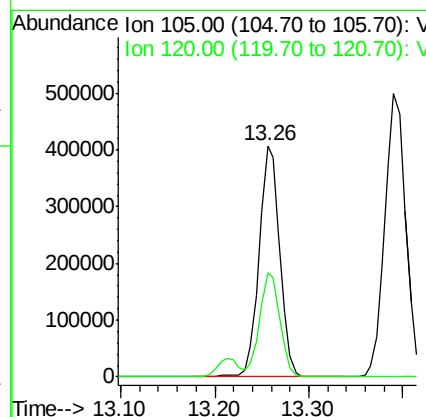
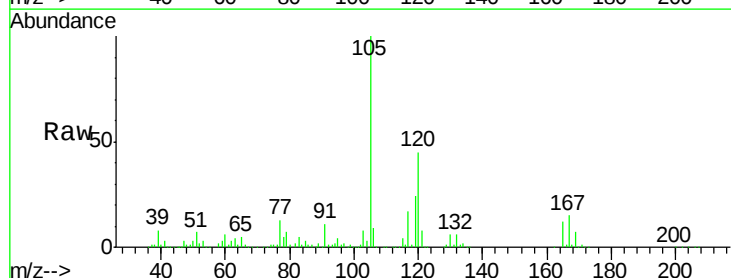
Manual Integrations
 APPROVED

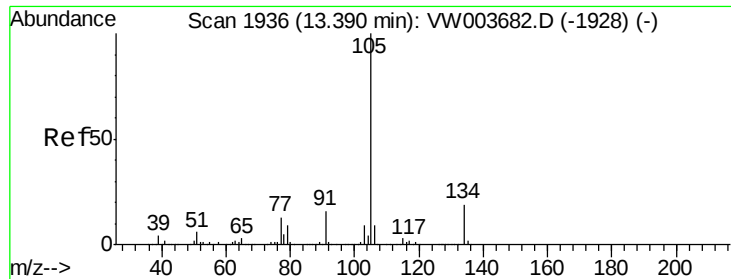
apatel
 7/3/2018 10:16:56 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 52.85 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.3





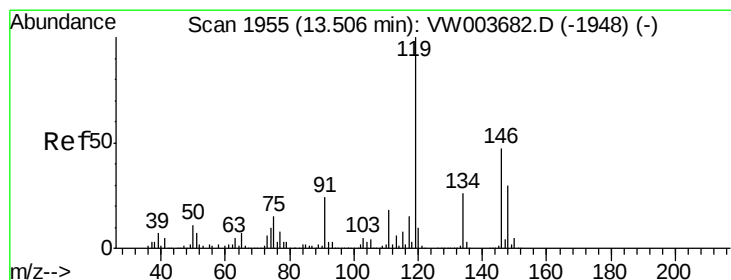
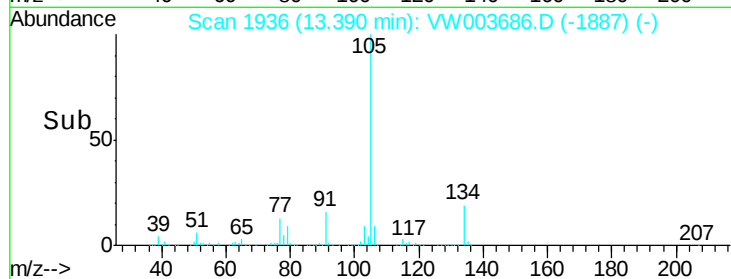
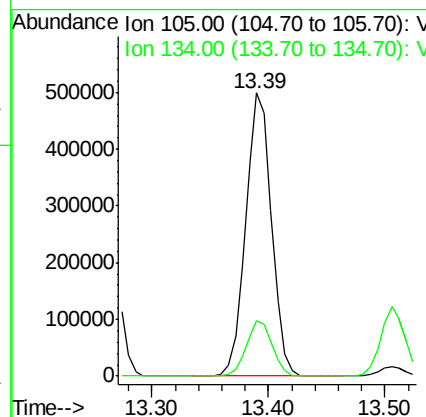
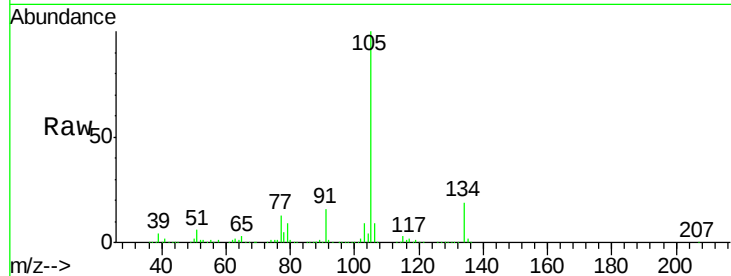
#85
 sec-Butylbenzene
 Concen: 52.85 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070218

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.6	9.8	29.4

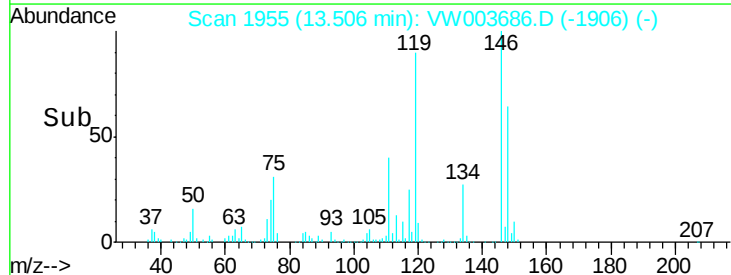
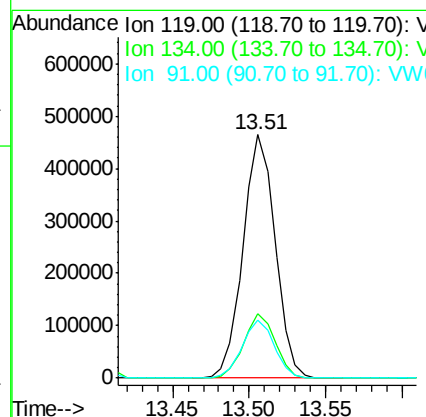
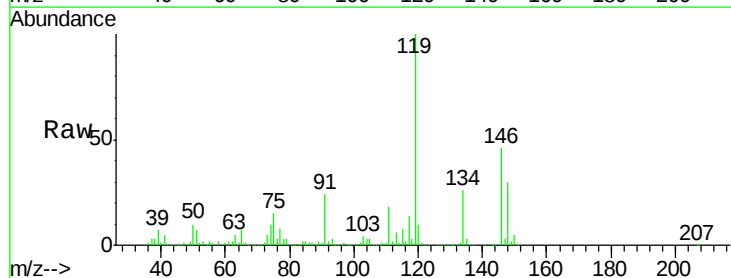
Manual Integrations
 APPROVED

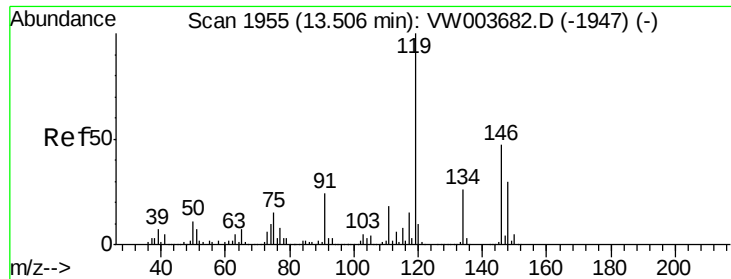
apatel
 7/3/2018 10:16:56 AM



#86
 p-Isopropyltoluene
 Concen: 53.15 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.0	38.9
91	23.7	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 50.66 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

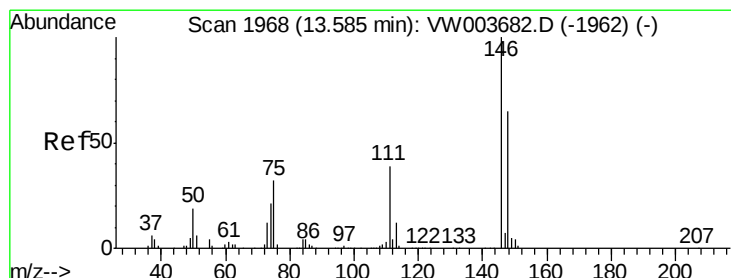
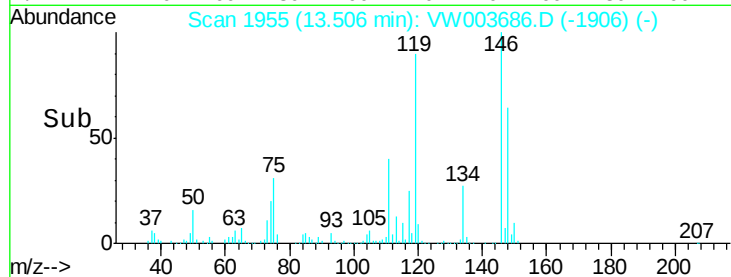
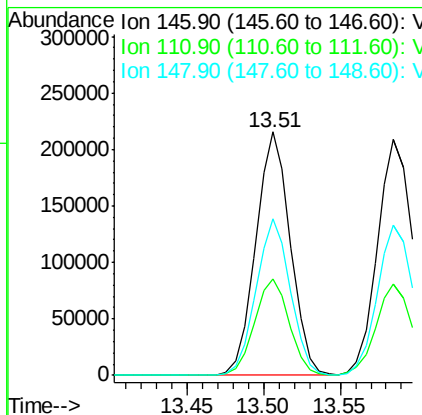
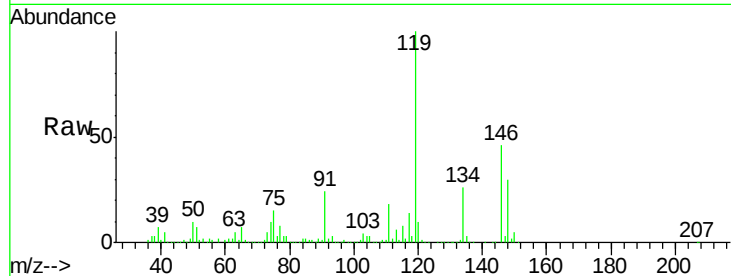
ClientSampleId :

ICVW070218

Tot Ion:	146	Resp:	337778
Ion Ratio	Lower	Upper	
146	100		
111	39.9	19.9	59.7
148	63.7	31.9	95.9

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM



#88

1,4-Dichlorobenzene

Concen: 50.13 ug/l

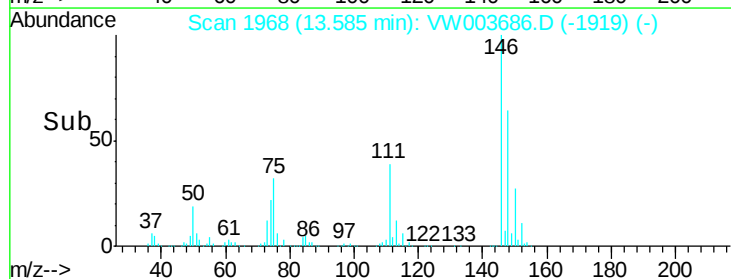
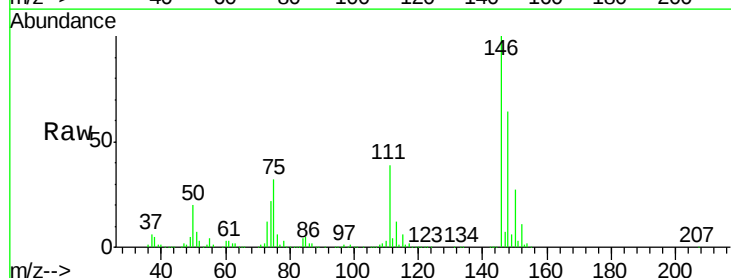
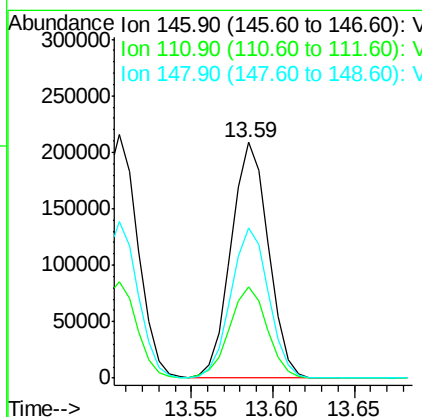
RT: 13.59 min Scan# 1968

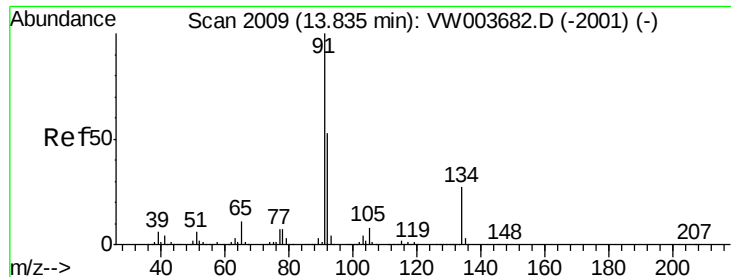
Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion:	146	Resp:	333996
Ion Ratio	Lower	Upper	
146	100		
111	38.8	19.3	57.9
148	64.1	32.3	96.9





#89

n-Butylbenzene

Concen: 53.21 ug/l

RT: 13.83 min Scan# 2009

Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Instrument :

MSVOA_W

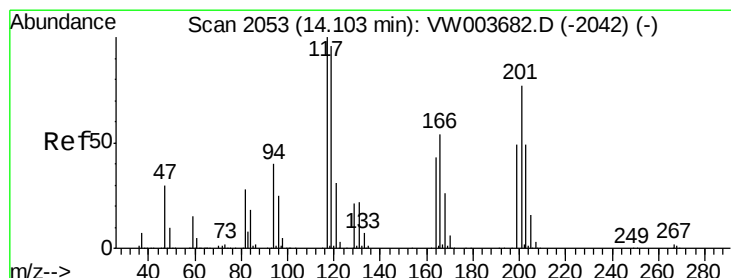
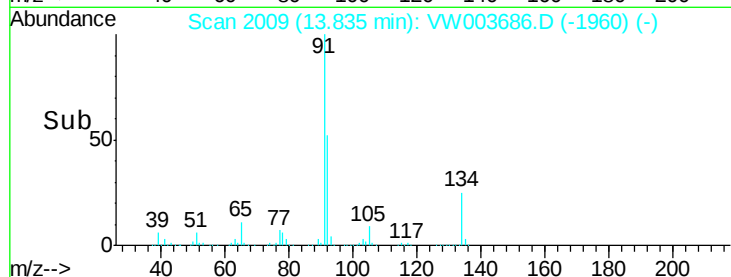
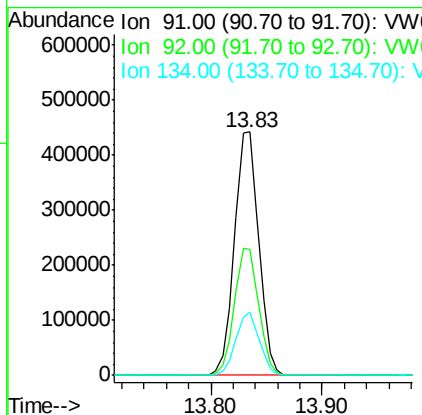
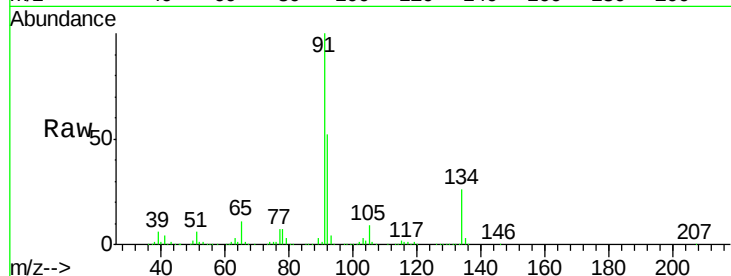
ClientSampleId :

ICVW070218

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.2
134	24.9	12.7	38.1

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM



#90

Hexachloroethane

Concen: 50.72 ug/l

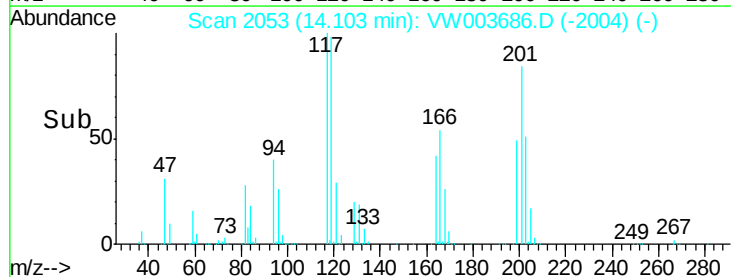
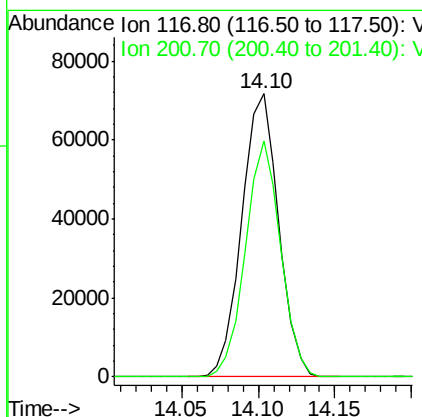
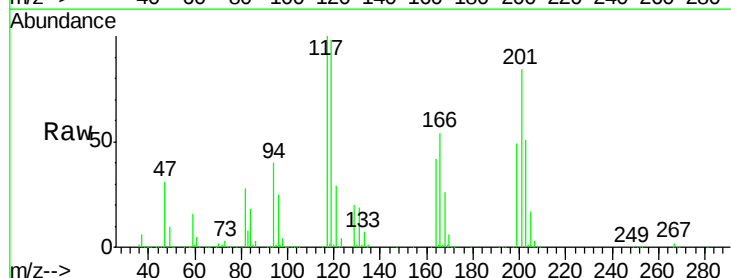
RT: 14.10 min Scan# 2053

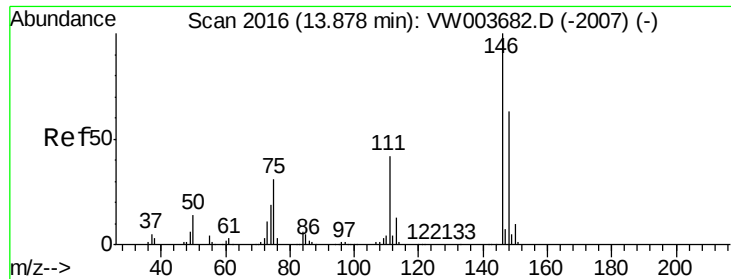
Delta R.T. 0.00 min

Lab File: VW003686.D

Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.9	39.1	117.2





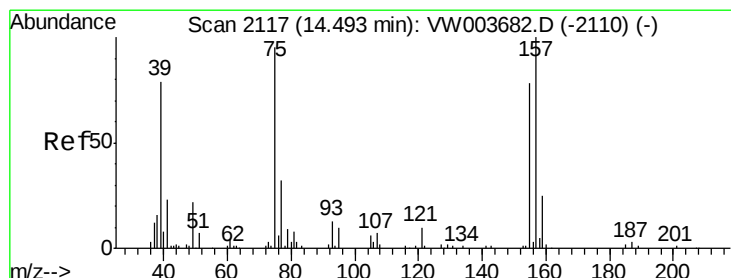
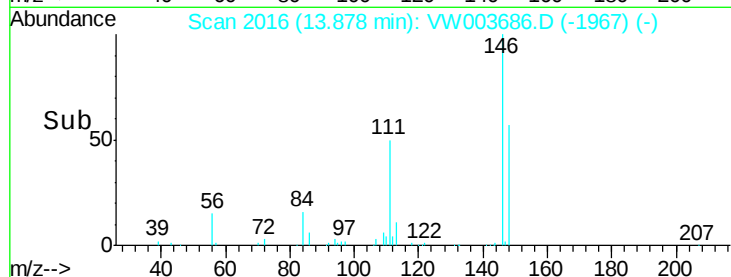
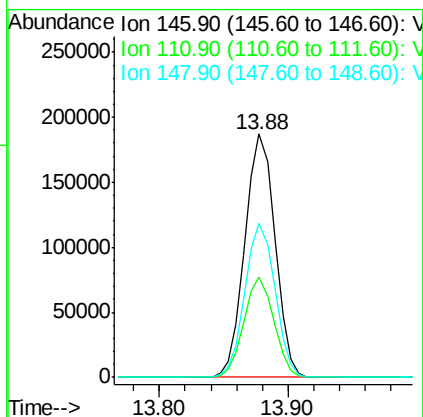
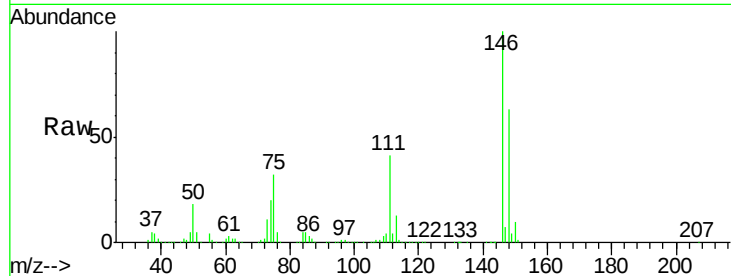
#91
 1,2-Dichlorobenzene
 Concen: 50.78 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070218

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.6	61.9
148	63.0	31.9	95.7

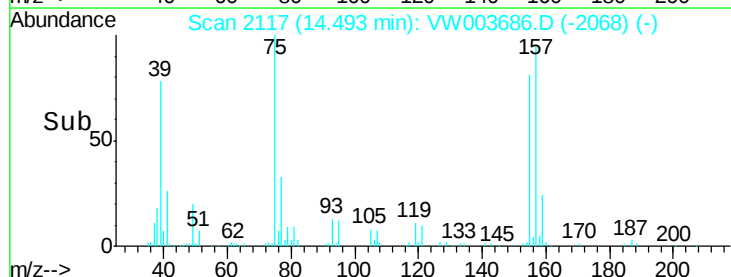
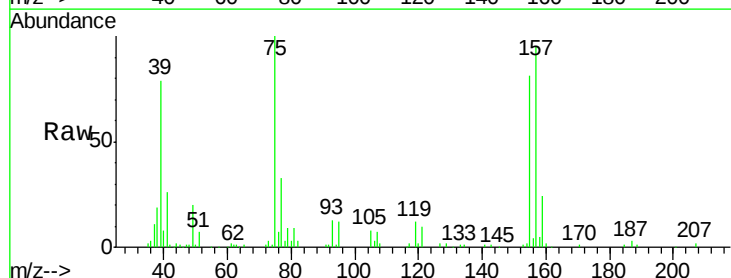
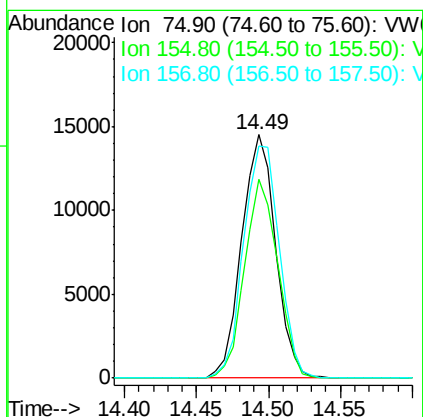
Manual Integrations
 APPROVED

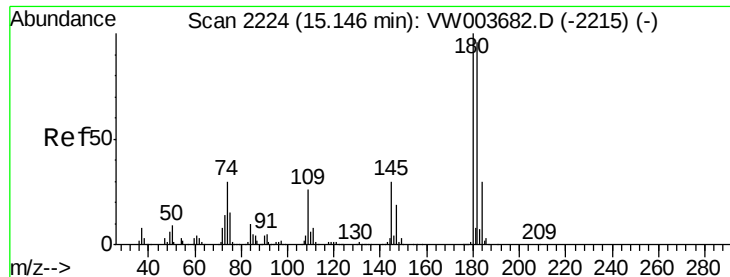
apatel
 7/3/2018 10:16:56 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.63 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	40.2	120.6
157	100.3	50.7	152.3





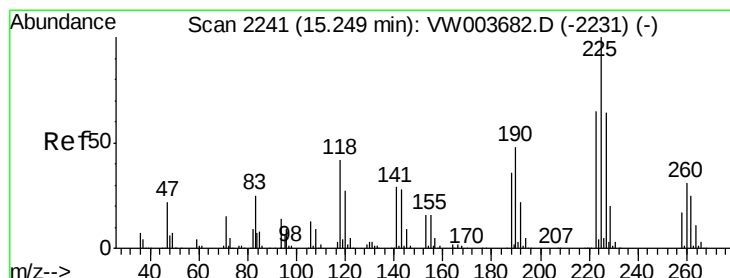
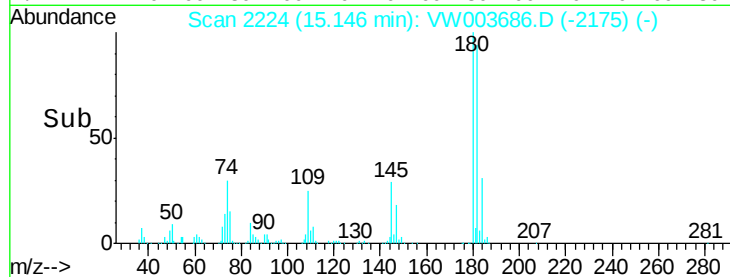
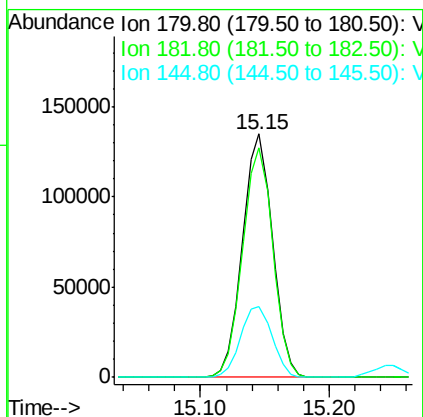
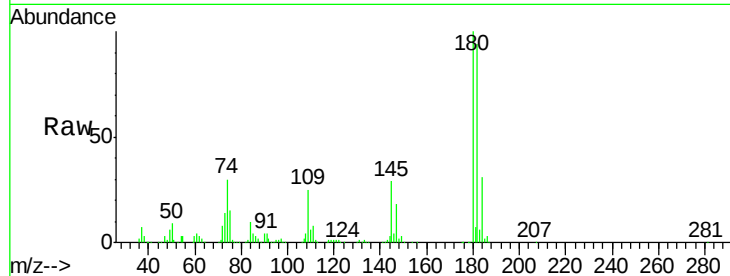
#93
 1,2,4-Trichlorobenzene
 Concen: 51.71 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Instrument :
 MSVOA_W
 ClientSampled :
 ICVVW070218

Tot Ion	Ratio	Resp	Lower	Upper
180	100	217373		
182	94.7	47.6	142.8	
145	30.5	14.9	44.5	

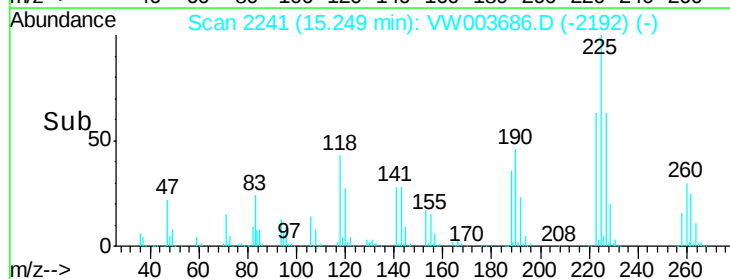
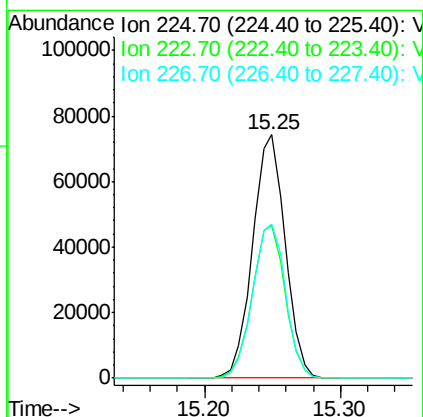
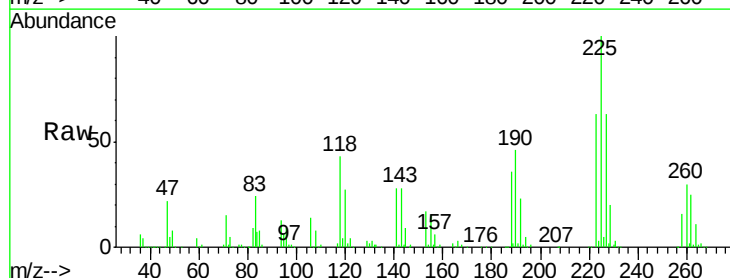
Manual Integrations
 APPROVED

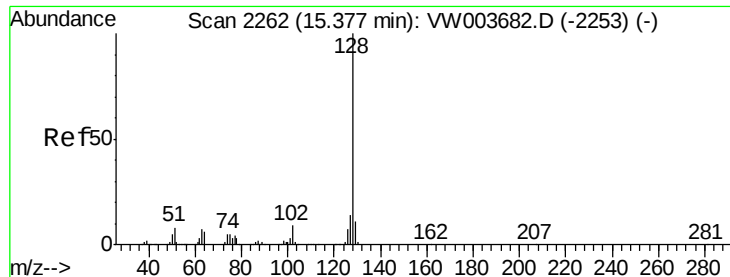
apatel
 7/3/2018 10:16:56 AM



#94
 Hexachlorobutadiene
 Concen: 50.92 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003686.D
 Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	123622		
223	63.6	32.0	96.2	
227	64.1	31.9	95.7	





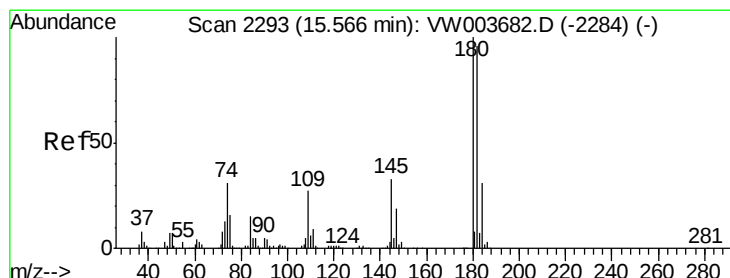
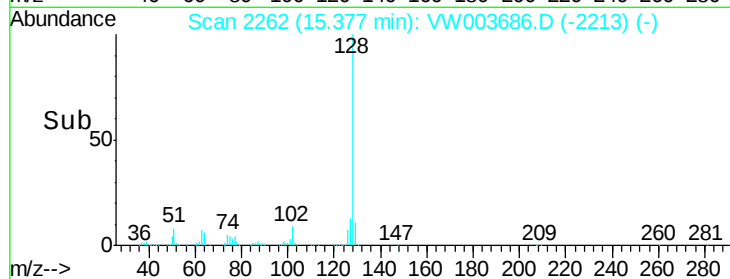
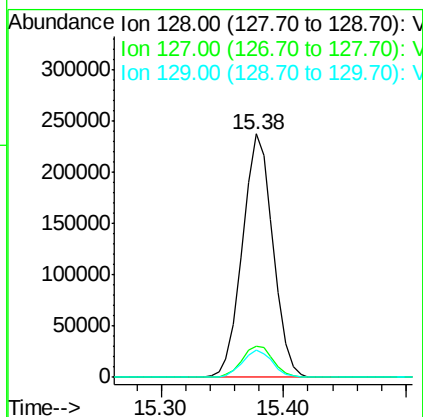
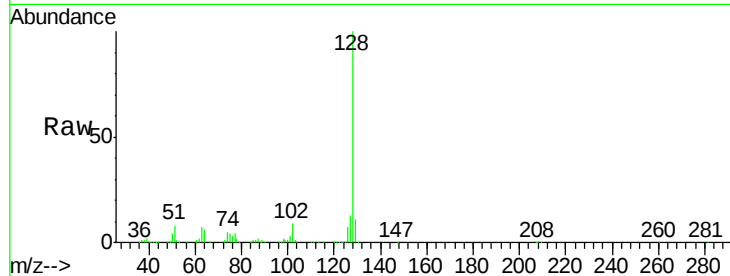
#95
Naphthalene
Concen: 53.75 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Instrument :
MSVOA_W
ClientSampleId :
ICVW070218

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

apatel
7/3/2018 10:16:56 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.30 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003686.D
Acq: 02 Jul 2018 20:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.8	143.3
145	31.7	15.9	47.7

