

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070318\
 Data File : VW003688.D
 Acq On : 03 Jul 2018 10:16
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/5/2018 11:11:55 AM

Quant Time: Jul 03 13:22:53 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	273853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417999	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	388527	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	204937	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	158918	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
35) Dibromofluoromethane	7.88	113	138612	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.33	98	564972	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.62	95	201532	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	90217	59.764	ug/l	99
3) Chloromethane	2.21	50	119979	55.000	ug/l	99
4) Vinyl Chloride	2.36	62	149730	50.307	ug/l	99
5) Bromomethane	2.78	94	102176	52.359	ug/l	95
6) Chloroethane	2.92	64	89610	50.037	ug/l	99
7) Trichlorofluoromethane	3.25	101	83194	52.564	ug/l	96
8) Diethyl Ether	3.67	74	67505	46.096	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	131016	49.812	ug/l	99
10) Methyl Iodide	4.26	142	194471	50.352	ug/l	100
11) Tert butyl alcohol	5.20	59	43518	213.012	ug/l #	85
12) 1,1-Dichloroethene	4.03	96	129512	49.404	ug/l	99
13) Acrolein	3.89	56	29877	301.392	ug/l	97
14) Allyl chloride	4.65	41	229918	51.281	ug/l	100
15) Acrylonitrile	5.37	53	154780	227.883	ug/l	100
16) Acetone	4.13	43	195950	251.427	ug/l	99
17) Carbon Disulfide	4.37	76	419604	53.319	ug/l	100
18) Methyl Acetate	4.67	43	70926	42.005	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	248035	48.439	ug/l	99
20) Methylene Chloride	4.90	84	146703	49.074	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	141888	49.420	ug/l	99
22) Diisopropyl ether	6.31	45	449196	48.867	ug/l	99
23) Vinyl Acetate	6.26	43	1409165	227.424	ug/l	100
24) 1,1-Dichloroethane	6.21	63	263764	48.117	ug/l	98
25) 2-Butanone	7.18	43	232427	232.911	ug/l	99
26) 2,2-Dichloropropane	7.17	77	163876	48.756	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	154054	49.273	ug/l	98
28) Bromochloromethane	7.51	49	109571	45.472	ug/l	99
29) Tetrahydrofuran	7.53	42	137230	229.404	ug/l	99
30) Chloroform	7.67	83	264567	47.730	ug/l	98
31) Cyclohexane	7.95	56	250093	50.107	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	215624	49.971	ug/l	100
36) 1,1-Dichloropropene	8.08	75	220015	52.434	ug/l	99
37) Ethyl Acetate	7.26	43	100096	49.008	ug/l	99
38) Carbon Tetrachloride	8.07	117	209030	52.367	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	263034	54.436	ug/l	99
40) Benzene	8.32	78	600055	50.880	ug/l	100
41) Methacrylonitrile	7.48	41	56863	48.981	ug/l	97
42) 1,2-Dichloroethane	8.40	62	183727	49.476	ug/l	99
43) Isopropyl Acetate	8.43	43	184136	47.868	ug/l	99
44) Trichloroethene	9.09	130	155194	50.904	ug/l	99
45) 1,2-Dichloropropane	9.37	63	151260	49.442	ug/l	97
46) Dibromomethane	9.46	93	78015	49.102	ug/l	99
47) Bromodichloromethane	9.65	83	195741	49.838	ug/l	98
48) Methyl methacrylate	9.44	41	90070	44.693	ug/l	99
49) 1,4-Dioxane	9.47	88	24067	965.605	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	488211	240.857	ug/l	100
52) Toluene	10.39	92	383143	52.059	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	208674	51.212	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	234783	50.824	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	108712	48.566	ug/l	97
56) Ethyl methacrylate	10.65	69	142191	45.137	ug/l	99
57) 1,3-Dichloropropane	10.93	76	190835	49.076	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	282299	235.941	ug/l	99
59) 2-Hexanone	10.98	43	369397	254.941	ug/l	98
60) Dibromochloromethane	11.13	129	129485	49.482	ug/l	100
61) 1,2-Dibromoethane	11.24	107	104356	48.673	ug/l	99
64) Tetrachloroethene	10.87	164	132695	50.531	ug/l	95
65) Chlorobenzene	11.66	112	414130	50.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	144978	50.786	ug/l	99
67) Ethyl Benzene	11.74	91	755059	52.757	ug/l	98
68) m/p-Xylenes	11.85	106	573508	105.376	ug/l	99
69) o-Xylene	12.17	106	265694	52.808	ug/l	98
70) Styrene	12.19	104	447059	52.903	ug/l	99
71) Bromoform	12.35	173	78341	49.390	ug/l #	99
73) Isopropylbenzene	12.47	105	750207	53.815	ug/l	100
74) N-amyl acetate	12.28	43	178995	48.627	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	130276	47.778	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	92765m	50.343	ug/l	
77) Bromobenzene	12.75	156	169996	50.812	ug/l	99
78) n-propylbenzene	12.81	91	918305	53.323	ug/l	100
79) 2-Chlorotoluene	12.90	91	511689	52.214	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	630716	53.482	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	43273	49.761	ug/l	99
82) 4-Chlorotoluene	12.99	91	538550	51.769	ug/l	99
83) tert-Butylbenzene	13.21	119	536408	53.922	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	644783	53.109	ug/l	99
85) sec-Butylbenzene	13.39	105	790206	53.383	ug/l	100
86) p-Isopropyltoluene	13.51	119	696005	53.756	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	341546	50.301	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	338699	49.918	ug/l	99
89) n-Butylbenzene	13.83	91	691588	54.027	ug/l	99
90) Hexachloroethane	14.10	117	124226	51.644	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	302893	49.890	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22158	46.639	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	215985	50.454	ug/l	99
94) Hexachlorobutadiene	15.25	225	128220	51.861	ug/l	99
95) Naphthalene	15.38	128	386839	49.826	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	186265	48.846	ug/l	99

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

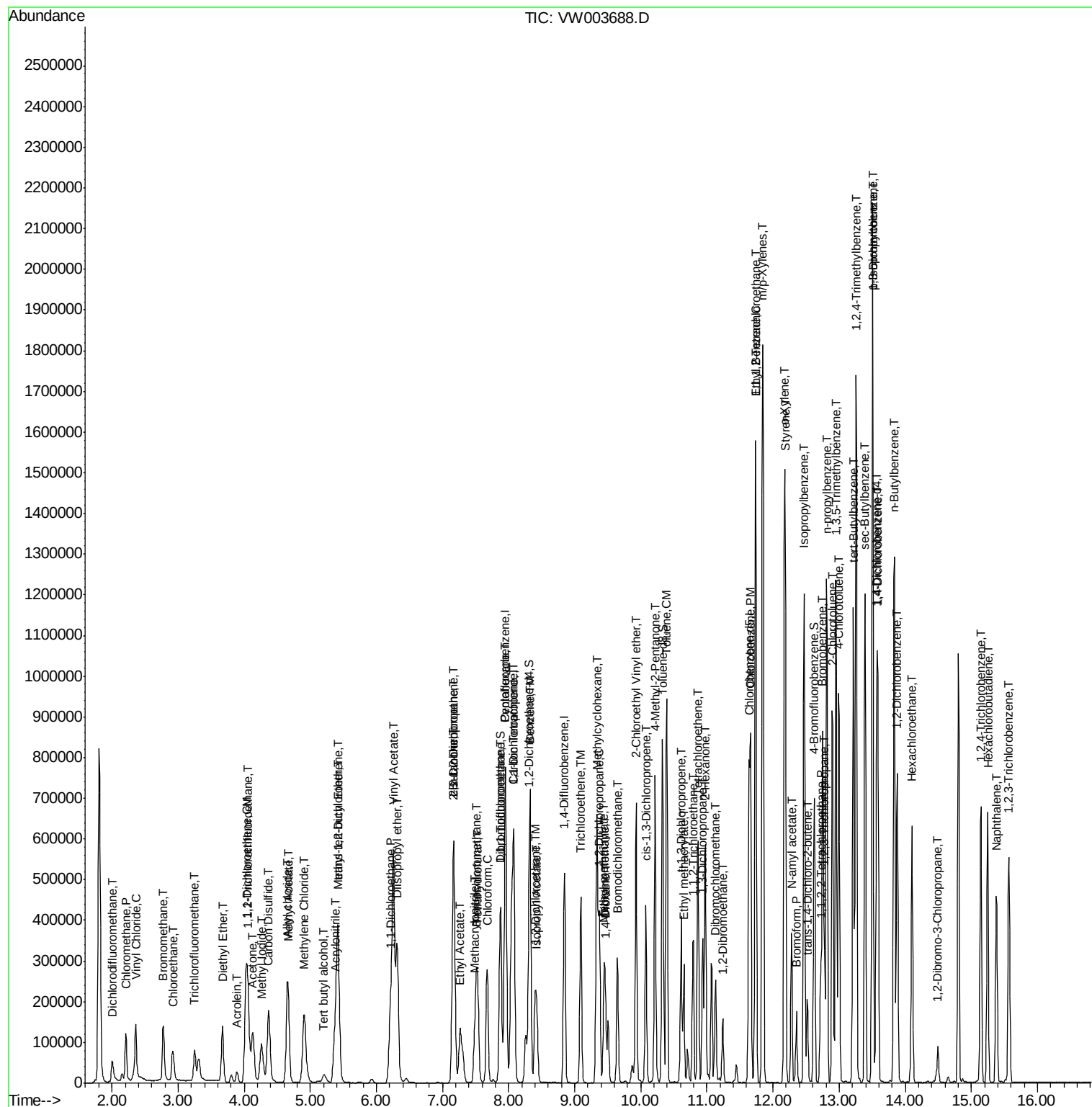
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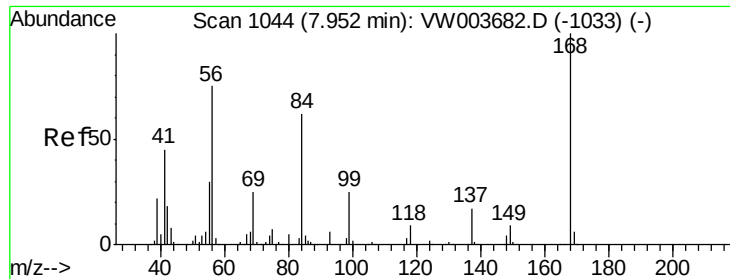
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 273853

Ion Ratio Lower Upper

168 100

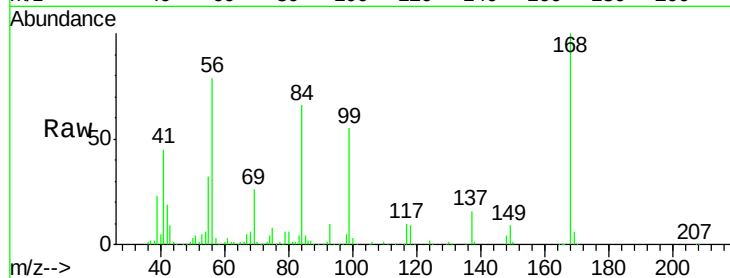
99 54.8 45.4 68.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

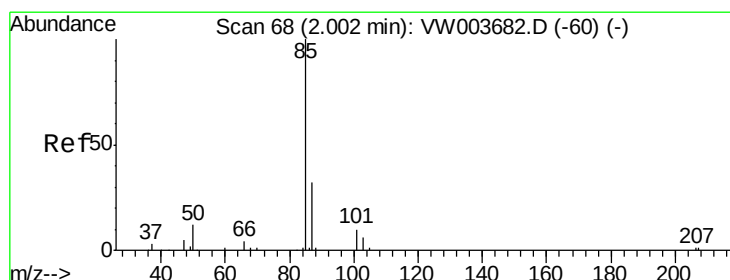
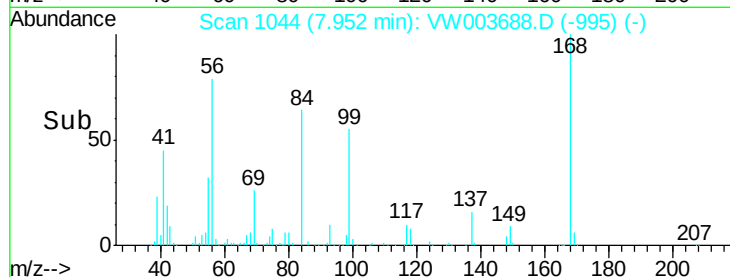
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 59.764 ug/l

RT: 2.00 min Scan# 68

Delta R.T. 0.00 min

Lab File: VW003688.D

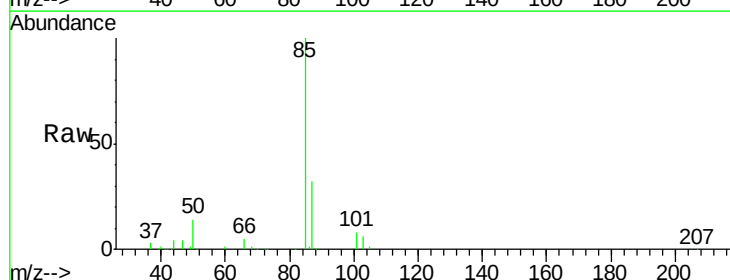
Acq: 03 Jul 2018 10:16

Tgt Ion: 85 Resp: 90217

Ion Ratio Lower Upper

85 100

87 32.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

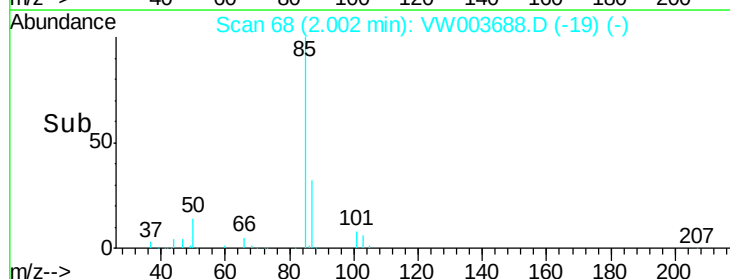
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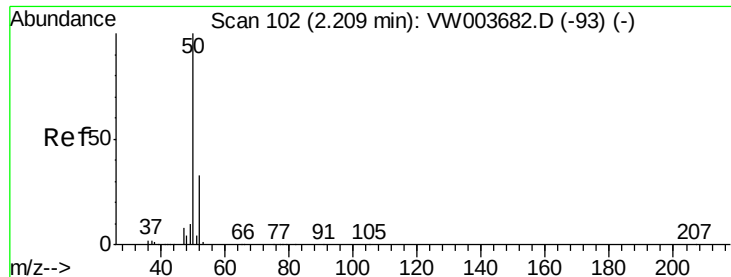
20000

10000

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Time-->





#3

Chloromethane

Concen: 55.000 ug/l

RT: 2.21 min Scan# 102

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 119979

Ion Ratio Lower Upper

50 100

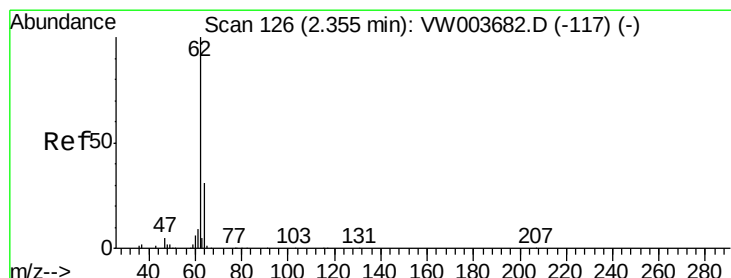
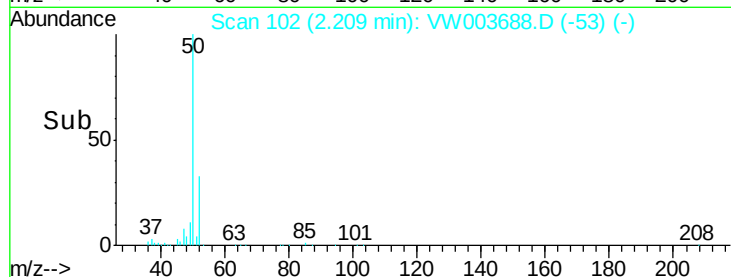
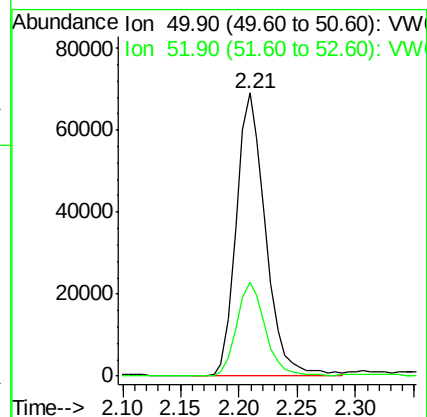
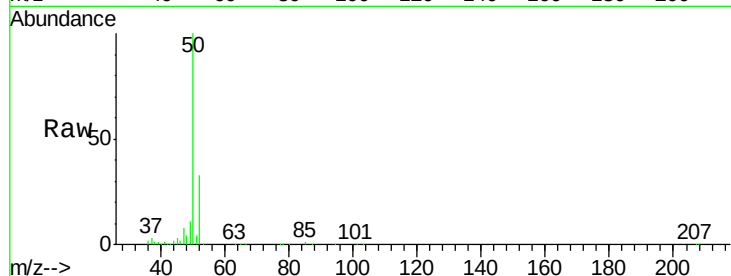
52 33.1 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.307 ug/l

RT: 2.36 min Scan# 127

Delta R.T. 0.01 min

Lab File: VW003688.D

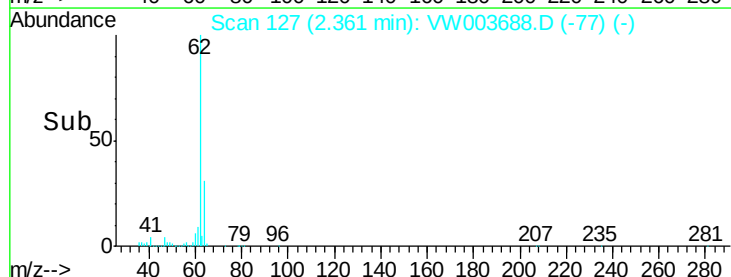
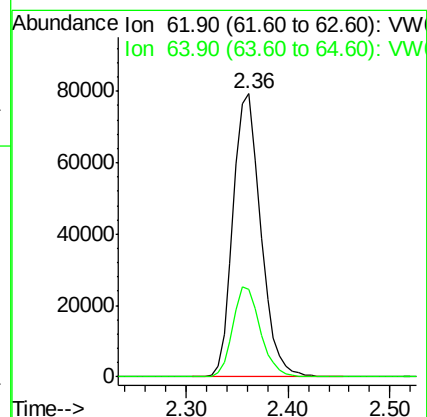
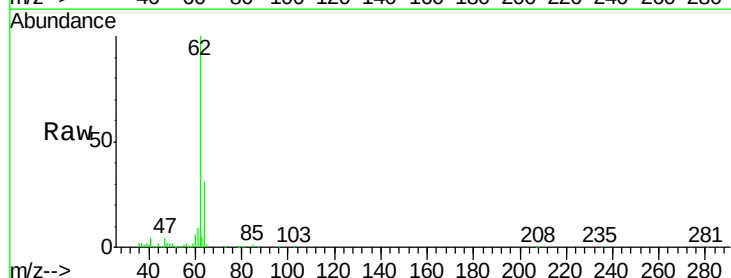
Acq: 03 Jul 2018 10:16

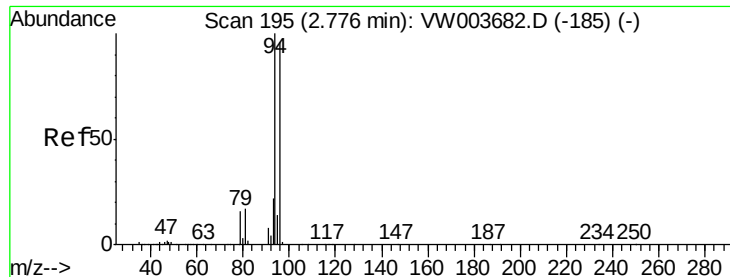
Tgt Ion: 62 Resp: 149730

Ion Ratio Lower Upper

62 100

64 31.0 25.1 37.7





#5

Bromomethane

Concen: 52.359 ug/l

RT: 2.78 min Scan# 195

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 102176

Ion Ratio Lower Upper

94 100

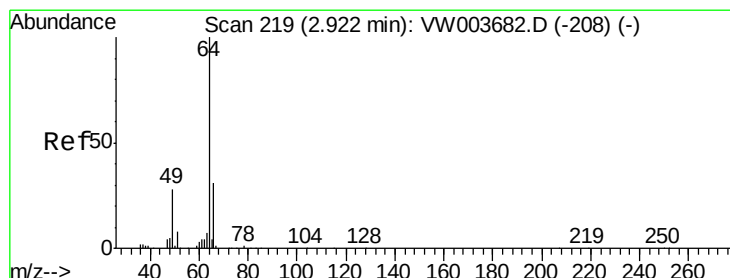
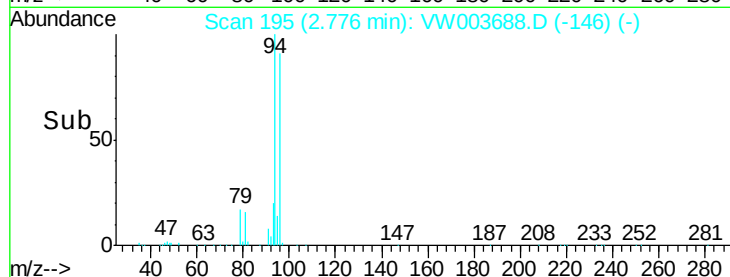
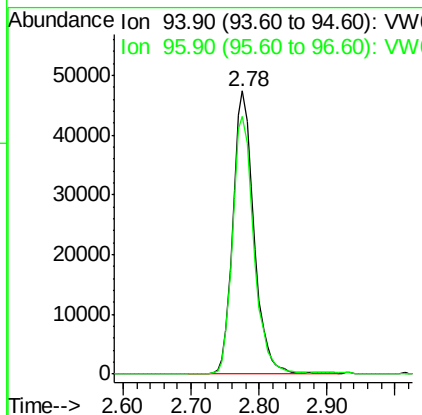
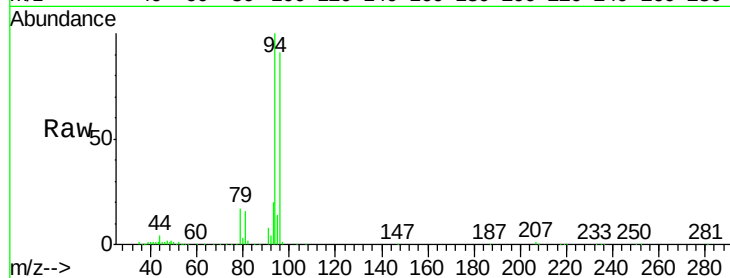
96 91.0 76.6 115.0

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#6

Chloroethane

Concen: 50.037 ug/l

RT: 2.92 min Scan# 219

Delta R.T. 0.00 min

Lab File: VW003688.D

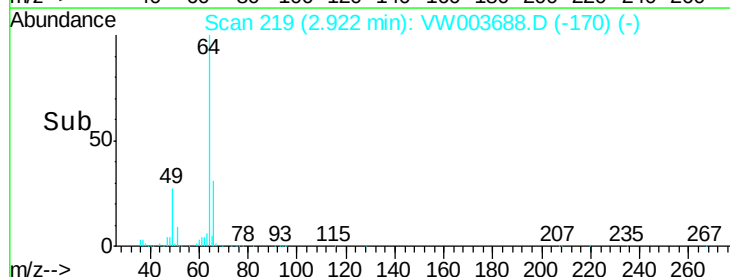
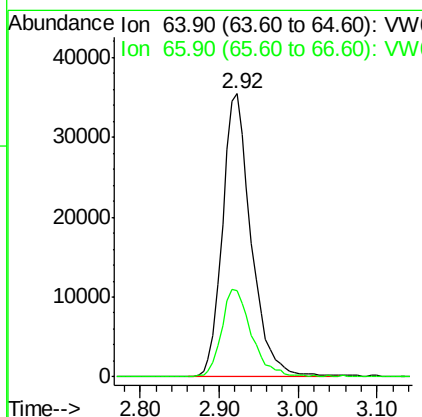
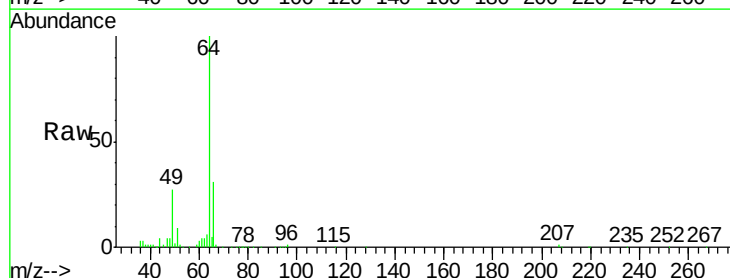
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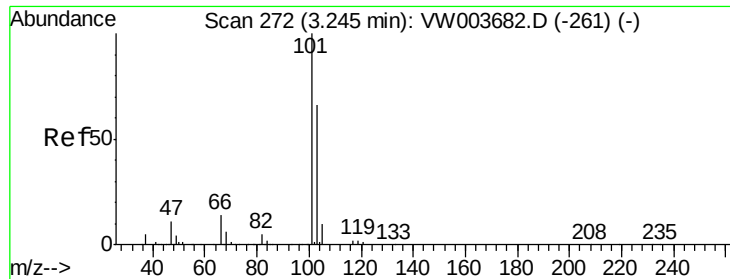
Tgt Ion: 64 Resp: 89610

Ion Ratio Lower Upper

64 100

66 30.7 25.0 37.6





#7

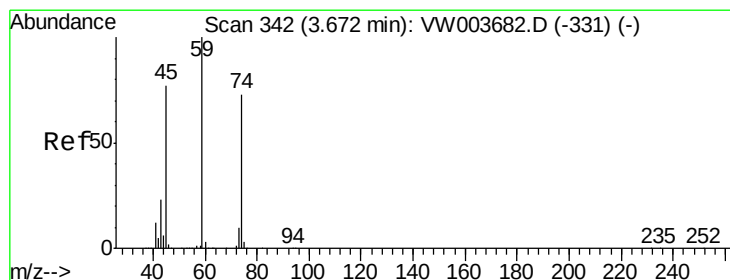
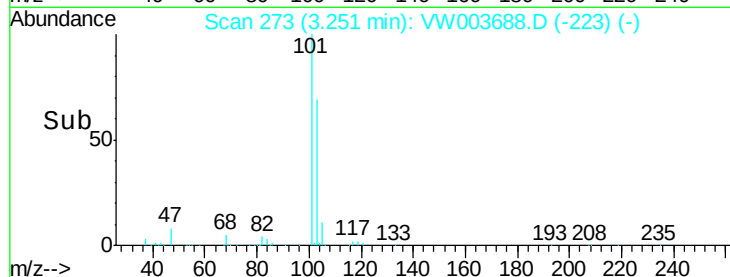
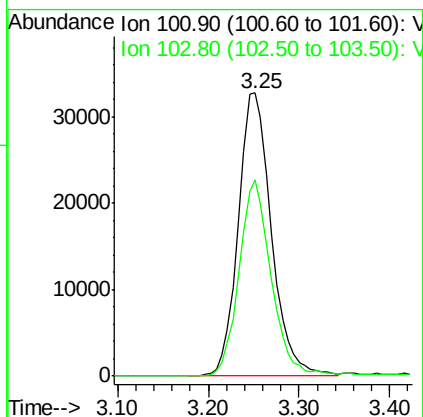
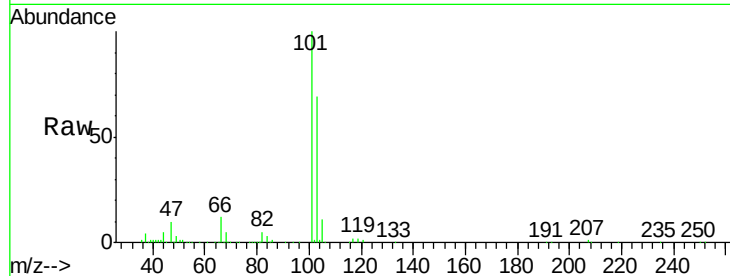
Trichlorofluoromethane
Concen: 52.564 ug/l
RT: 3.25 min Scan# 273
Delta R.T. 0.01 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	69.4	52.9	79.3

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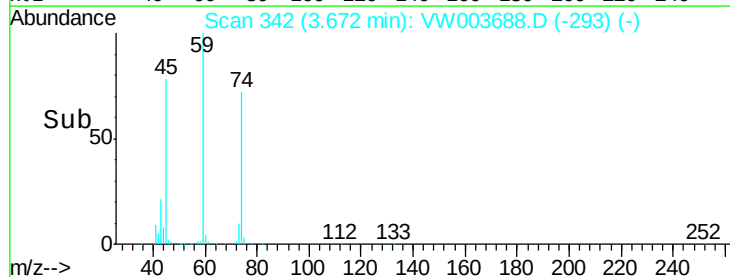
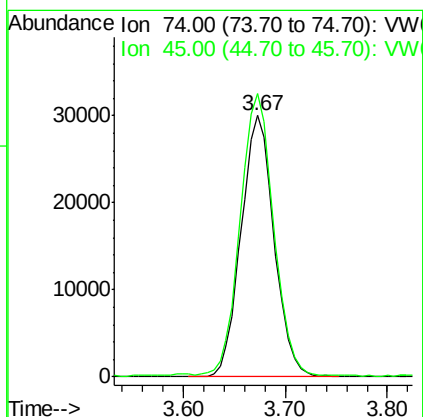
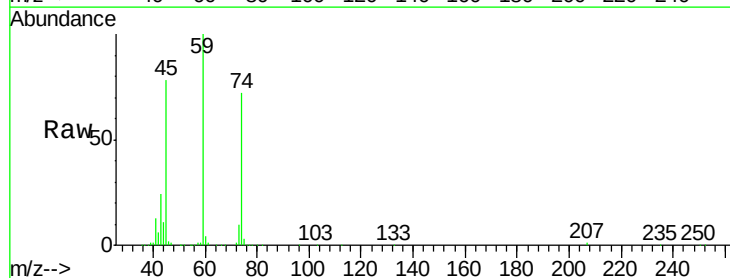
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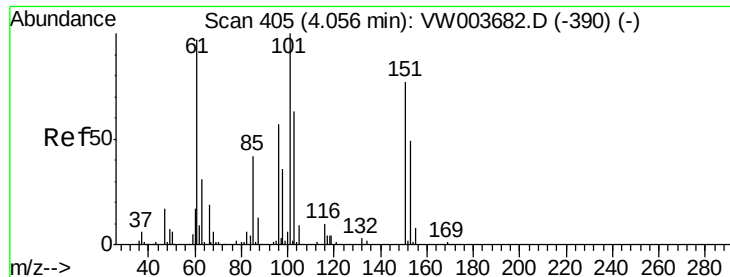


#8

Diethyl Ether
Concen: 46.096 ug/l
RT: 3.67 min Scan# 342
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.3	53.5	160.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.812 ug/l

RT: 4.06 min Scan# 405

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

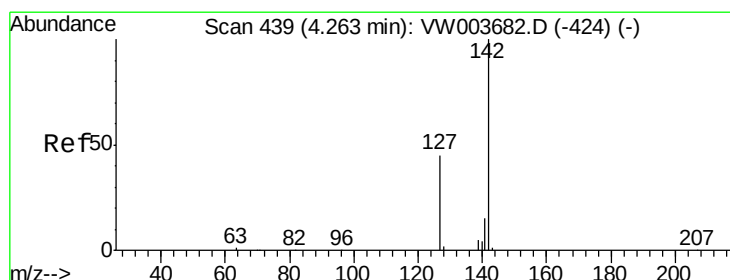
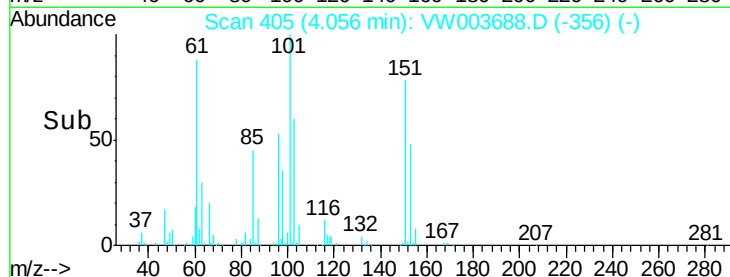
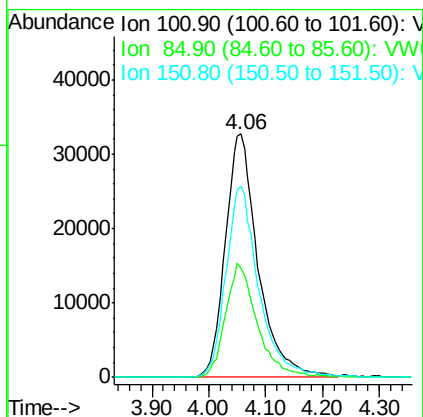
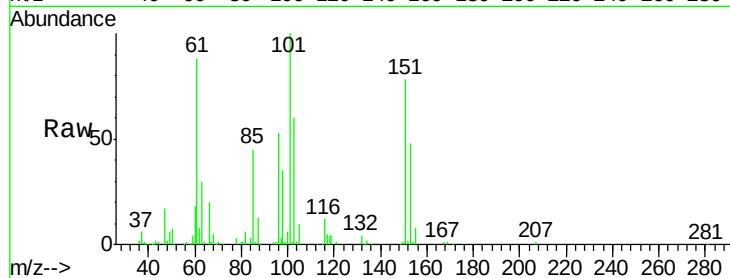
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	131016
Ion Ratio	Lower	Upper	
101	100		
85	45.0	36.6	55.0
151	79.1	62.4	93.6

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#10

Methyl Iodide

Concen: 50.352 ug/l

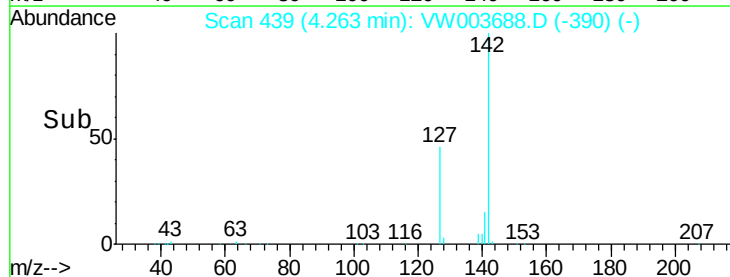
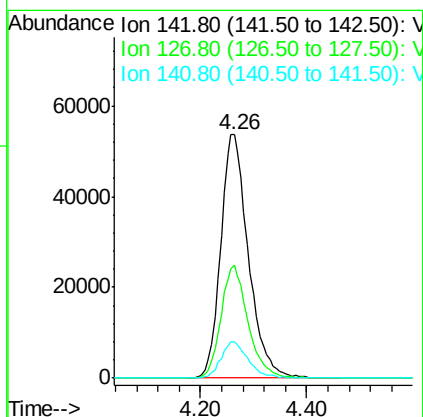
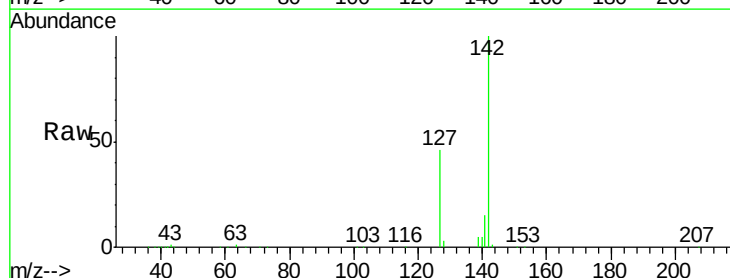
RT: 4.26 min Scan# 439

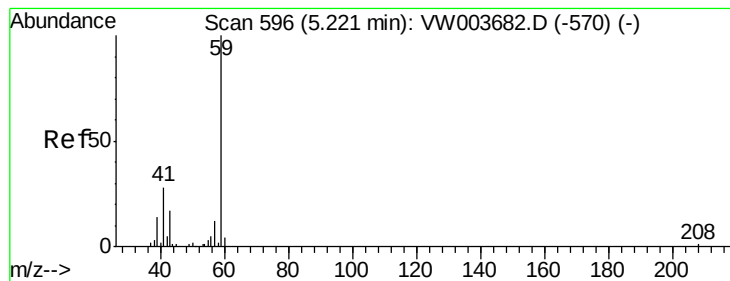
Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Tgt Ion:	142	Resp:	194471
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.0	54.0
141	14.7	11.9	17.9





#11

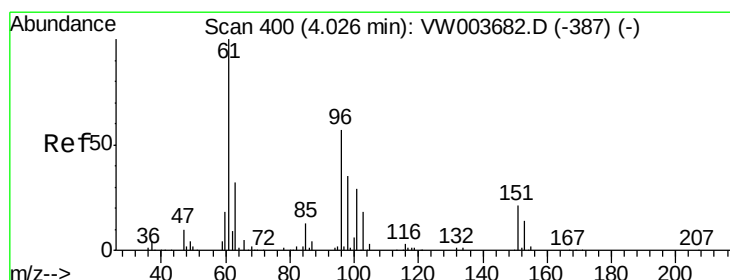
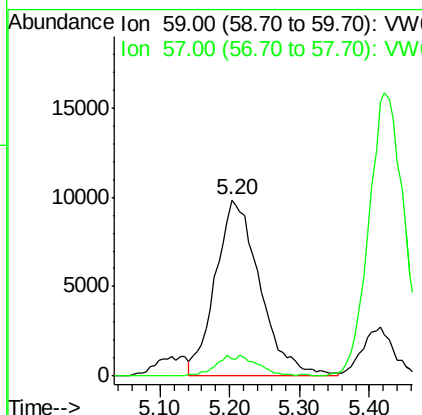
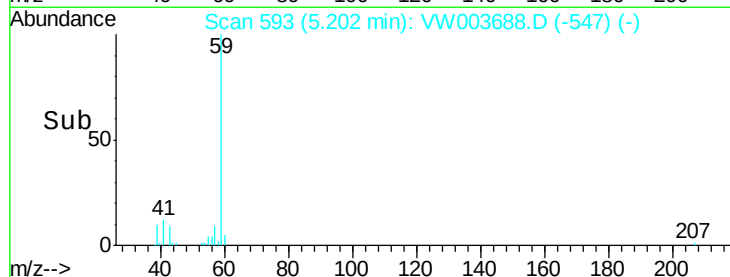
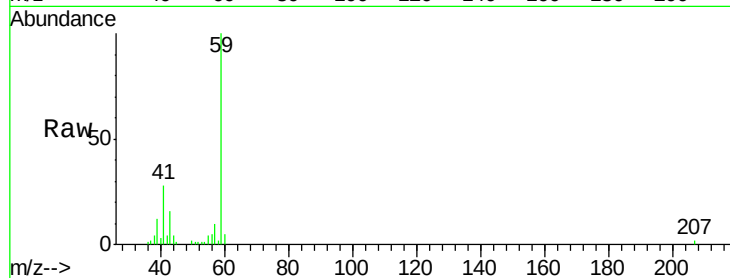
Tert butyl alcohol
Concen: 213.012 ug/l
RT: 5.20 min Scan# 593
Delta R.T. -0.02 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	43518
Ion Ratio	100	Lower	Upper
59	100		
57	5.5	9.0	13.4#

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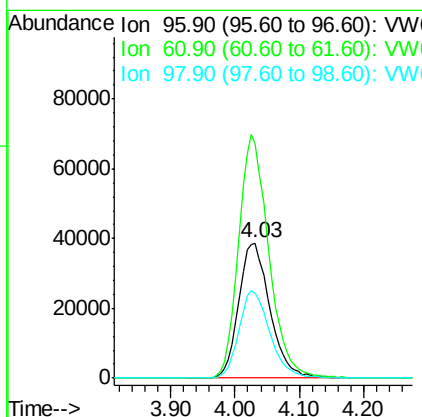
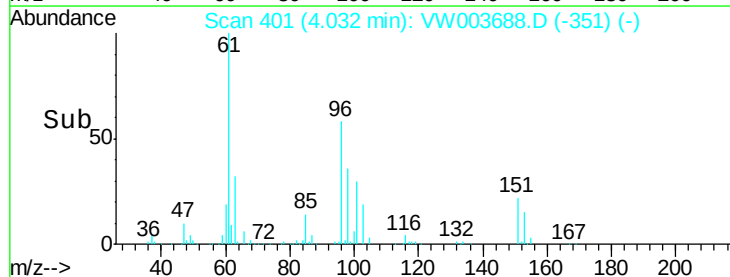
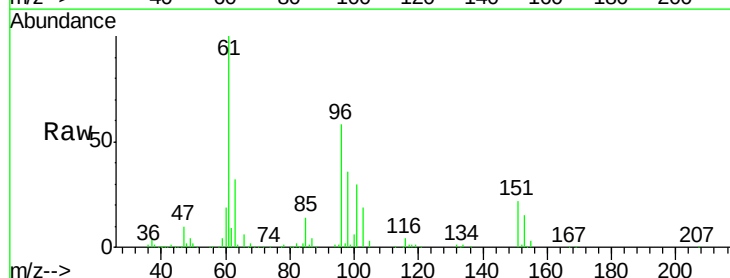
apatel
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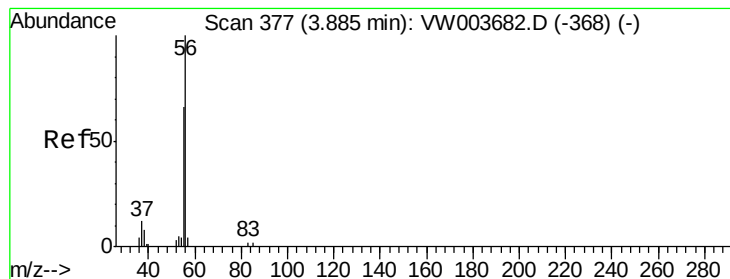


#12

1,1-Dichloroethene
Concen: 49.404 ug/l
RT: 4.03 min Scan# 401
Delta R.T. 0.01 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	96	Resp	129512
Ion Ratio	100	Lower	Upper
96	100		
61	173.9	140.6	211.0
98	63.2	49.4	74.0





#13

Acrolein

Concen: 301.392 ug/l

RT: 3.89 min Scan# 377

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 29877

Ion Ratio Lower Upper

56 100

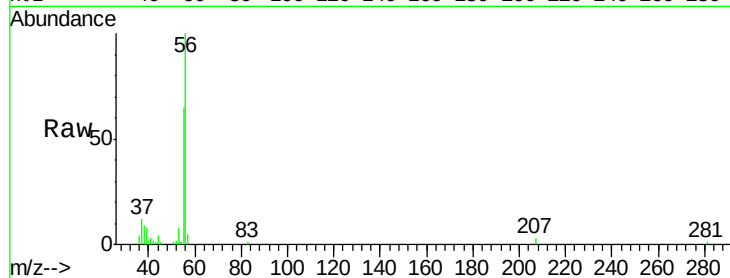
55 70.6 54.7 82.1

Manual Integrations

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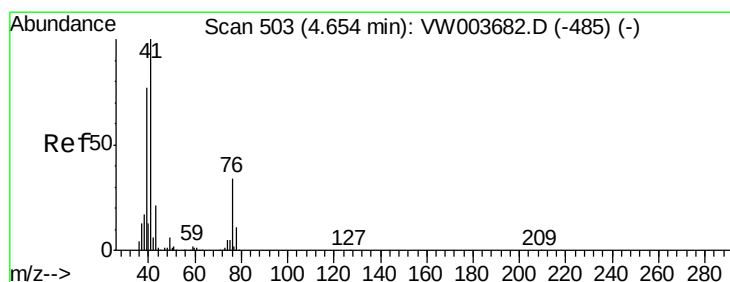
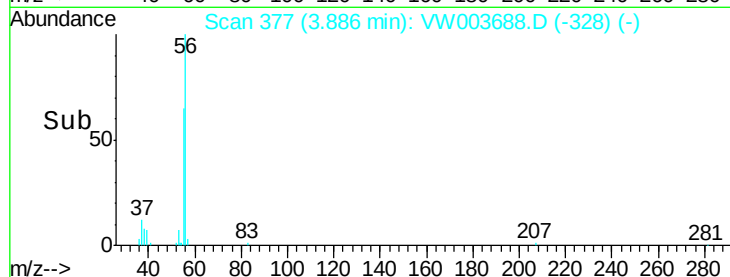
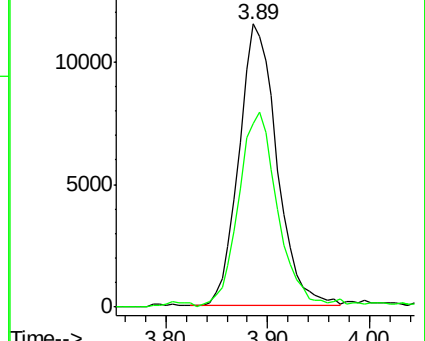
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 51.281 ug/l

RT: 4.65 min Scan# 503

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

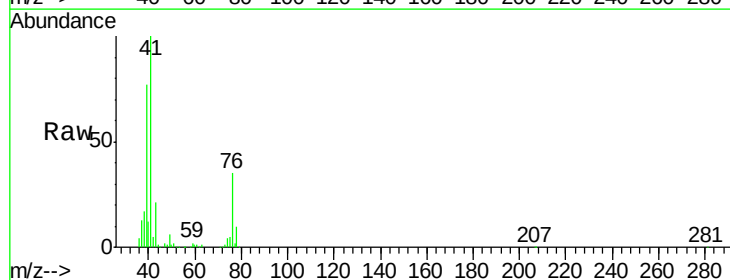
Tgt Ion: 41 Resp: 229918

Ion Ratio Lower Upper

41 100

39 75.0 60.1 90.1

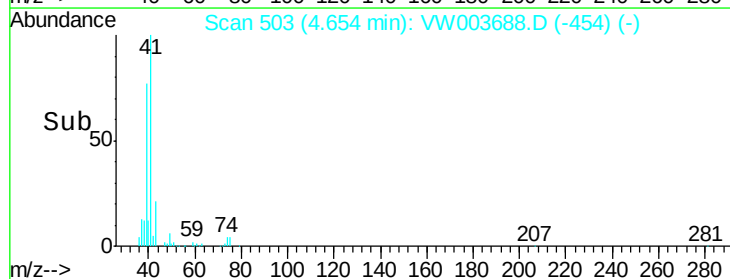
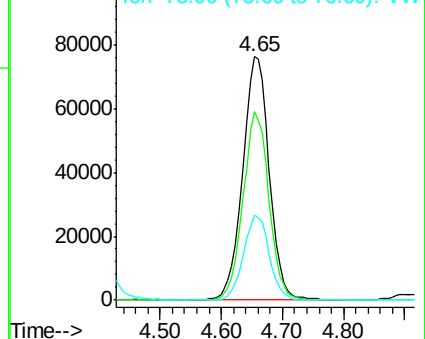
76 33.5 27.2 40.8

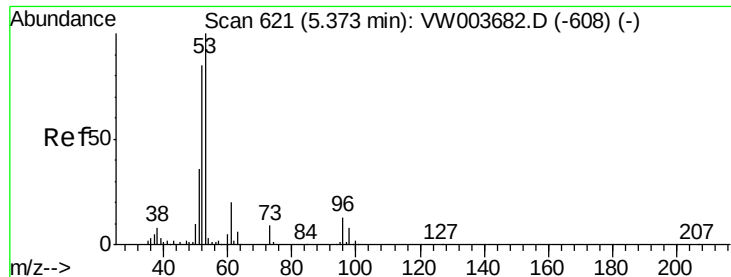


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 227.883 ug/l

RT: 5.37 min Scan# 620

Delta R.T. -0.01 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

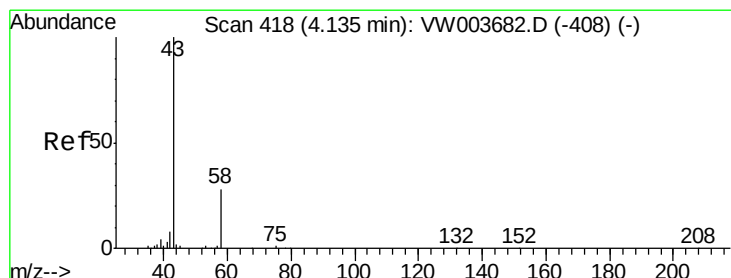
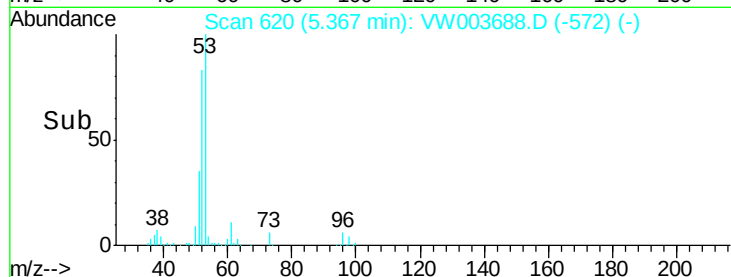
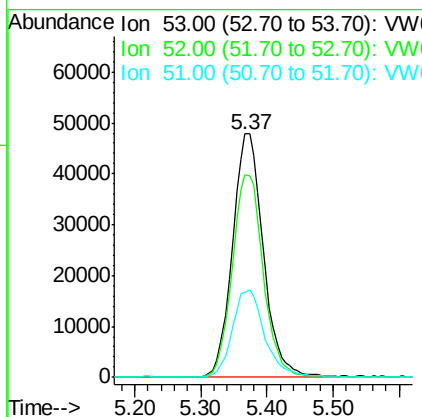
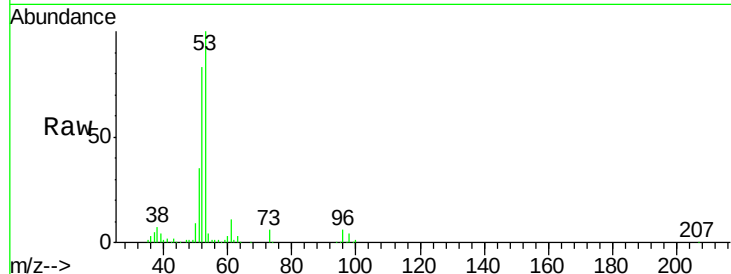
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	154780
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	37.8	30.2	45.4

Manual Integrations
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#16

Acetone

Concen: 251.427 ug/l

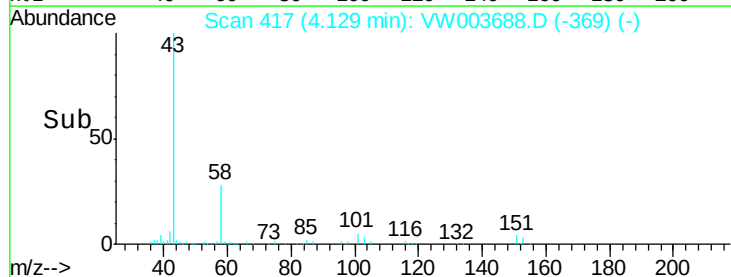
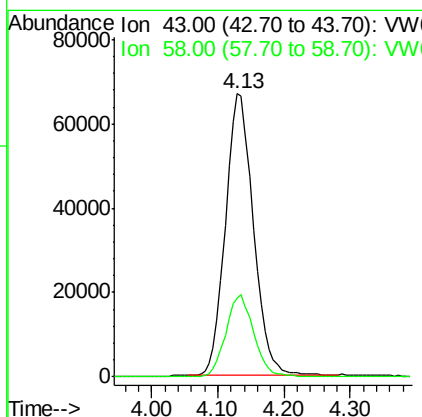
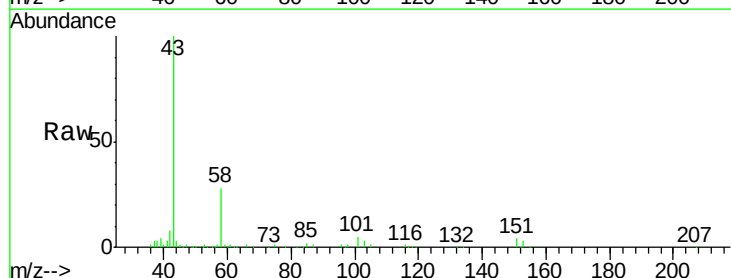
RT: 4.13 min Scan# 417

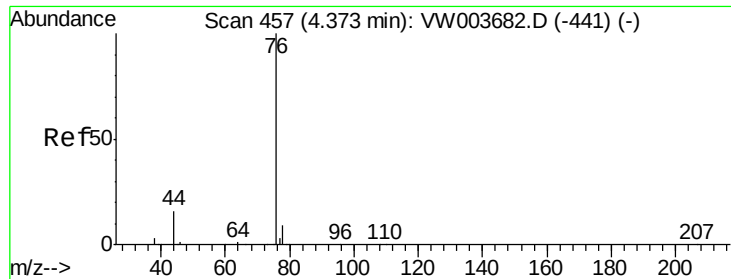
Delta R.T. -0.01 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Tgt Ion:	43	Resp:	195950
Ion	Ratio	Lower	Upper
43	100		
58	27.9	22.7	34.1





#17

Carbon Disulfide

Concen: 53.319 ug/l

RT: 4.37 min Scan# 456

Delta R.T. -0.01 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 419604

Ion Ratio Lower Upper

76 100

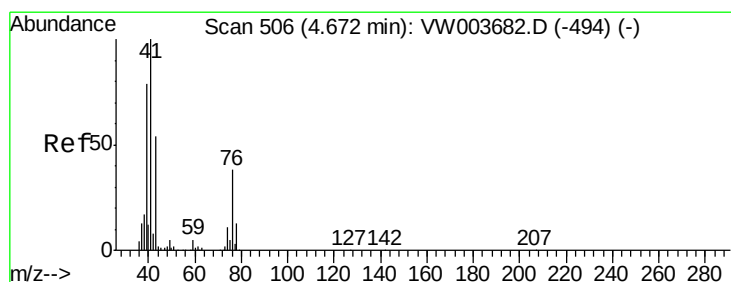
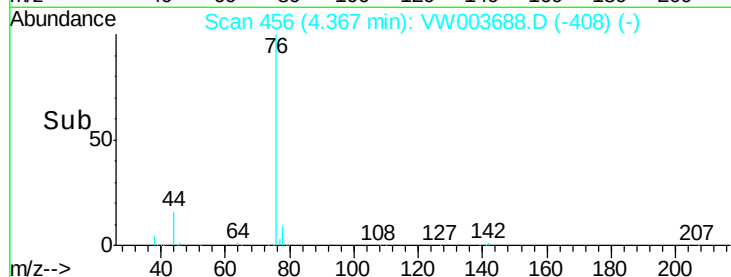
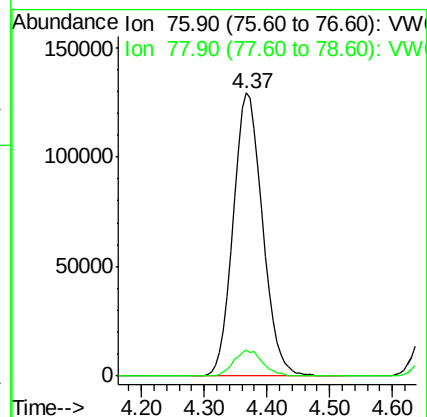
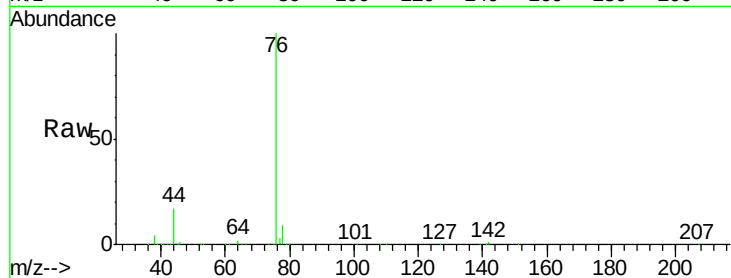
78 9.3 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 42.005 ug/l

RT: 4.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: VW003688.D

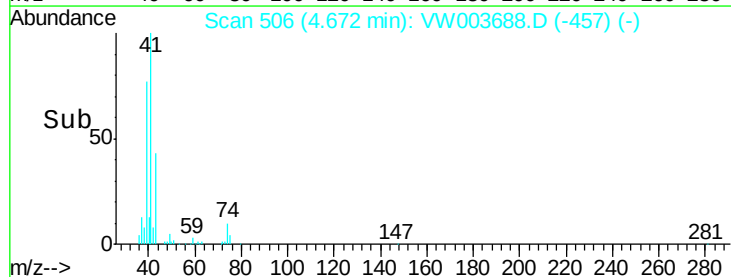
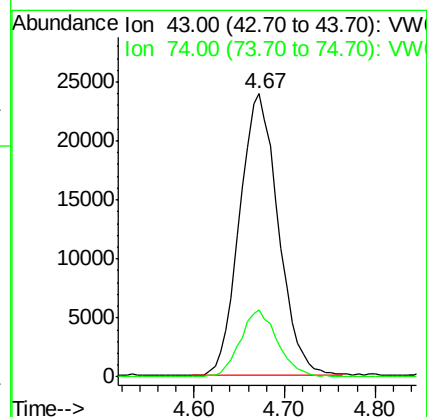
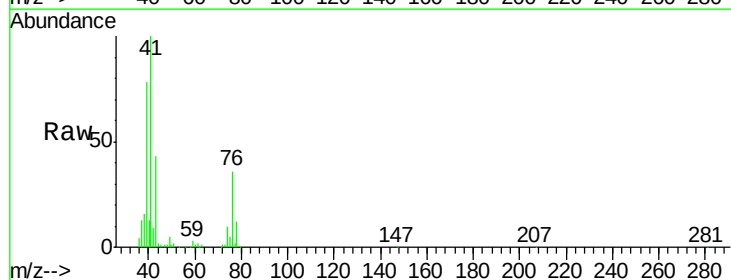
Acq: 03 Jul 2018 10:16

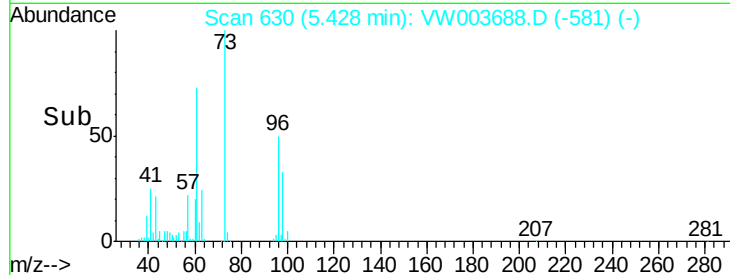
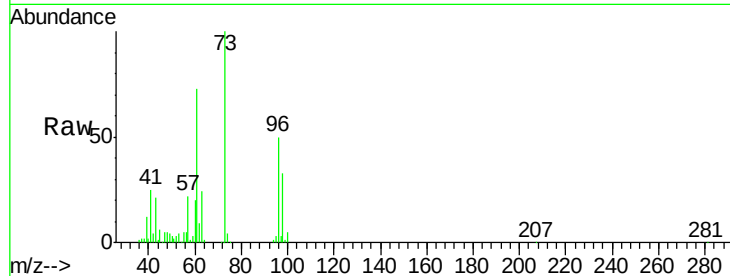
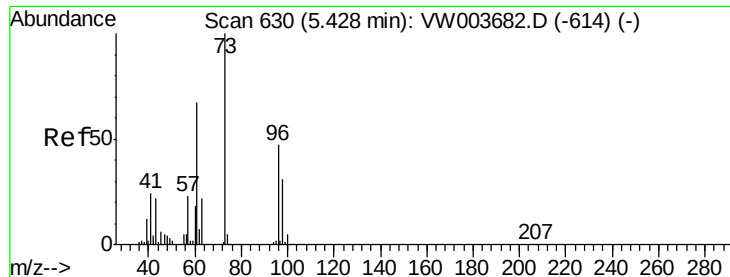
Tgt Ion: 43 Resp: 70926

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.2





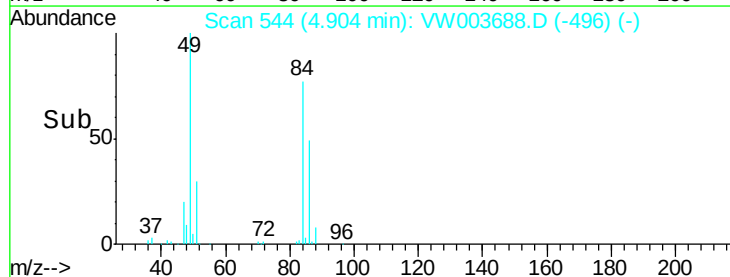
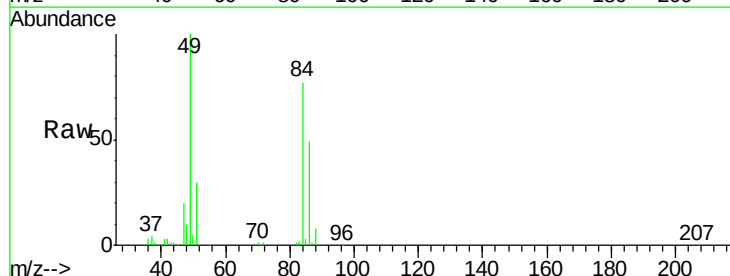
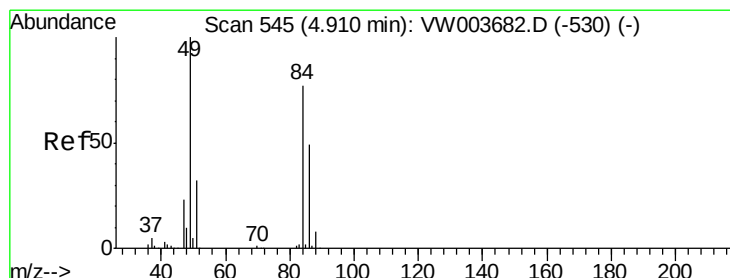
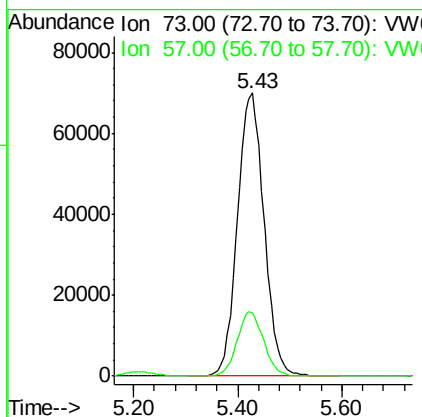
#19
Methyl tert-butyl Ether
Concen: 48.439 ug/l
RT: 5.43 min Scan# 630
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tot Ion: 73 Resp: 248035
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

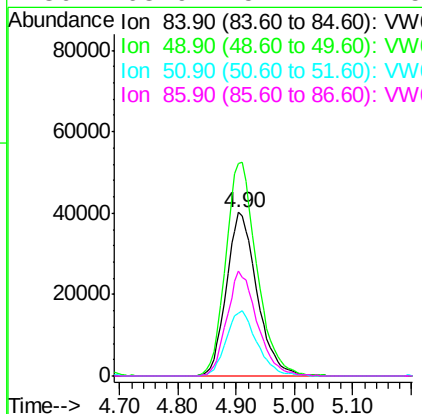
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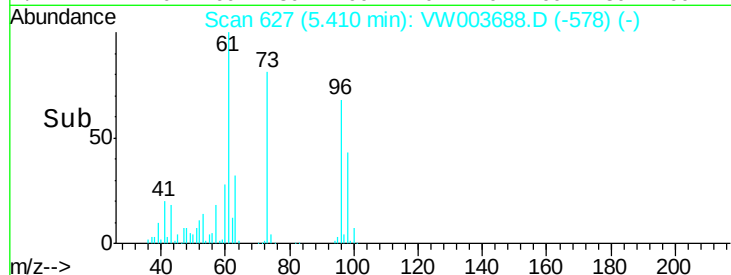
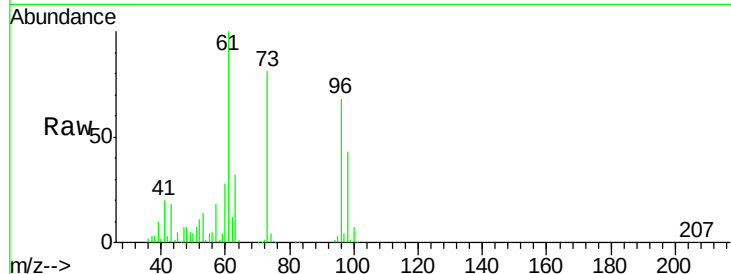
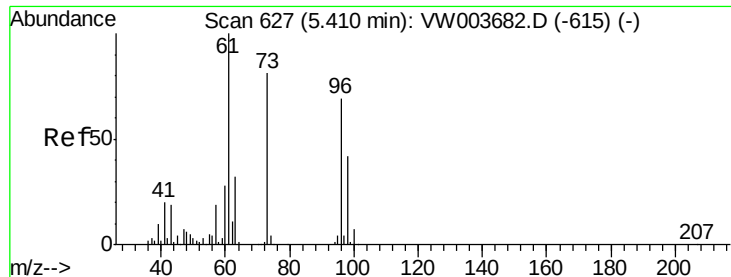
apatel
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#20
Methylene Chloride
Concen: 49.074 ug/l
RT: 4.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion: 84 Resp: 146703
Ion Ratio Lower Upper
84 100
49 129.7 104.6 156.8
51 38.4 33.2 49.8
86 63.9 51.7 77.5





#21

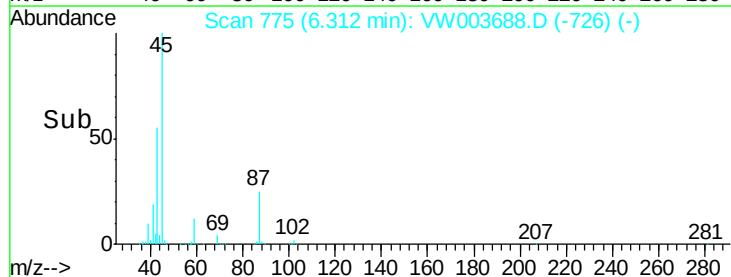
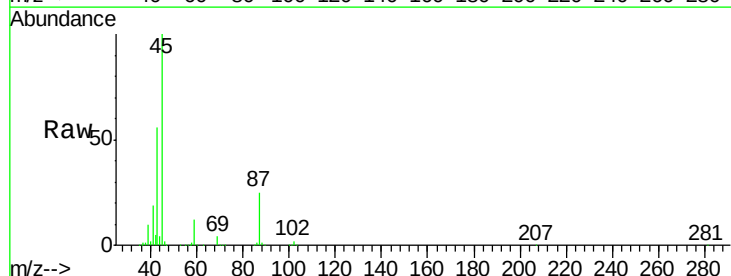
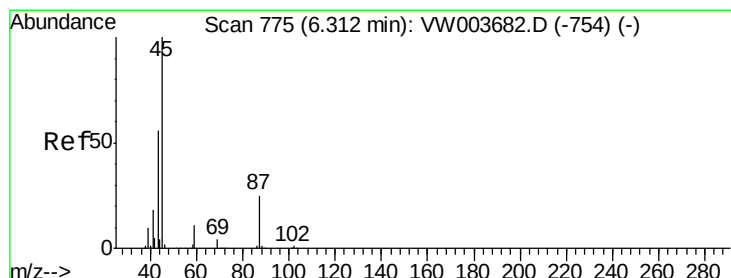
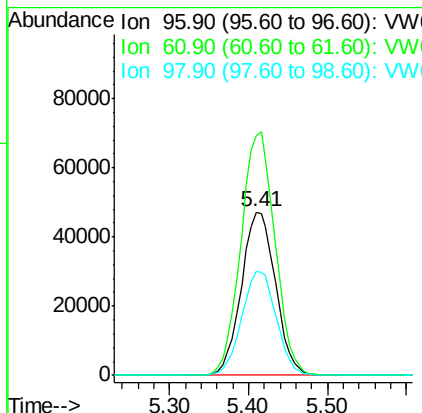
trans-1,2-Dichloroethene
Concen: 49.420 ug/l
RT: 5.41 min Scan# 627
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	146.9		116.8	175.2	
98	63.6		49.6	74.4	

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

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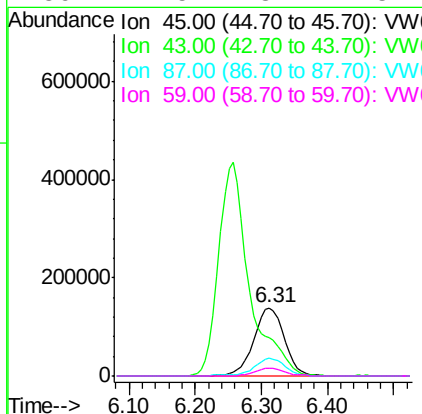
apatel
7/5/2018 11:11:55 AM

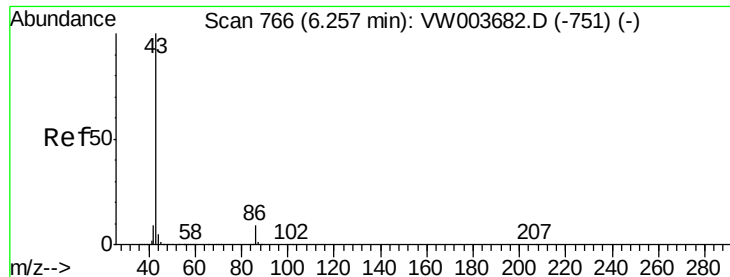


#22

Diisopropyl ether
Concen: 48.867 ug/l
RT: 6.31 min Scan# 775
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
43	55.2		44.5	66.7	
87	25.2		20.2	30.4	
59	11.5		8.7	13.1	





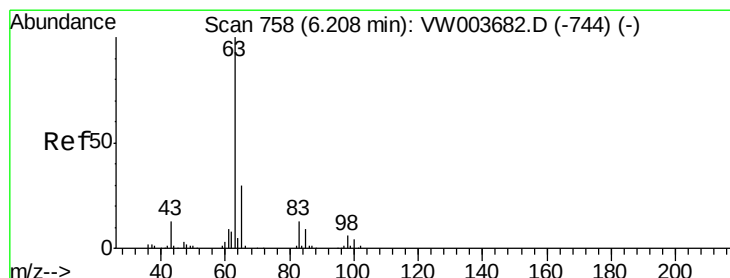
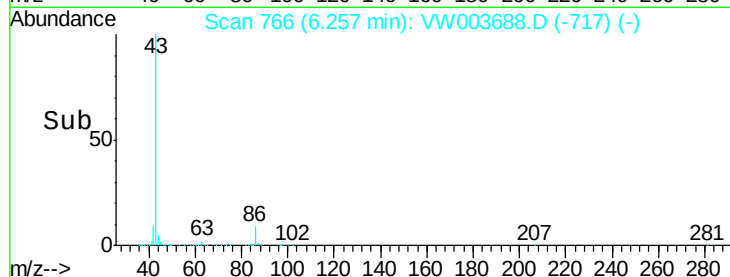
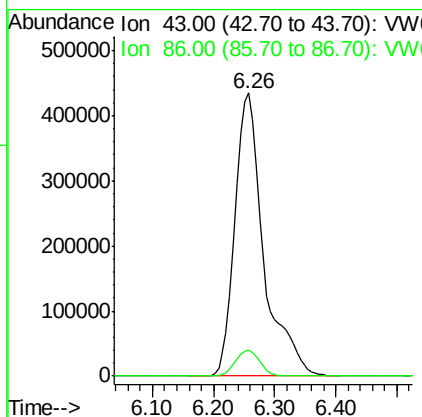
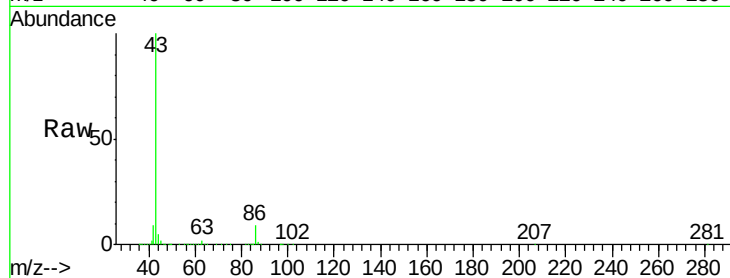
#23
 Vinyl Acetate
 Concen: 227.424 ug/l
 RT: 6.26 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1409165
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.5 11.3

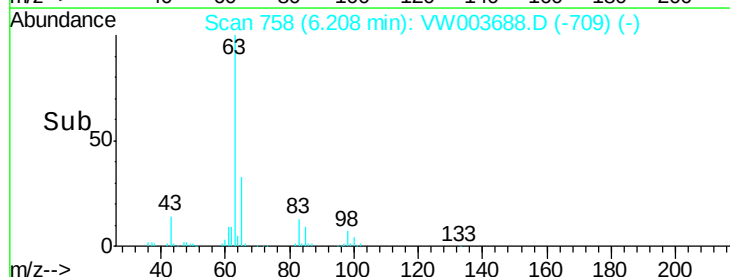
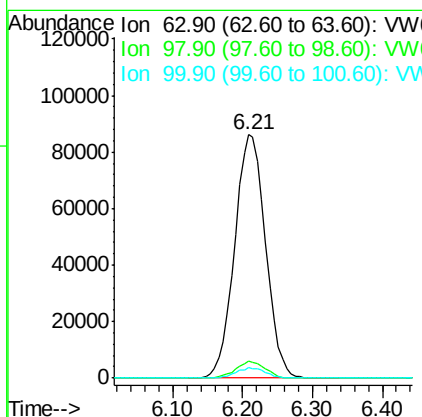
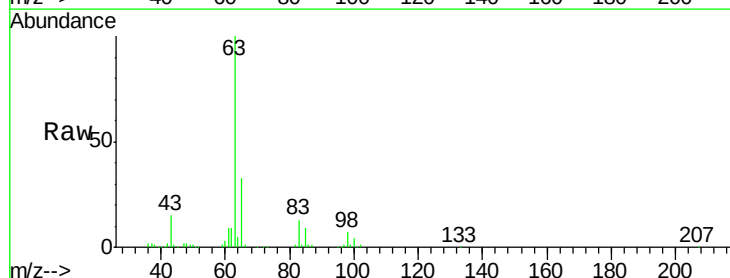
Manual Integrations
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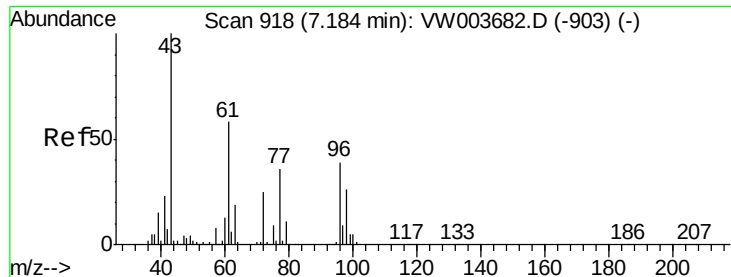
apatel
 7/5/2018 11:11:55 AM



#24
 1,1-Dichloroethane
 Concen: 48.117 ug/l
 RT: 6.21 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion: 63 Resp: 263764
 Ion Ratio Lower Upper
 63 100
 98 6.8 2.9 8.6
 100 4.3 1.9 5.7





#25

2-Butanone

Concen: 232.911 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.01 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 232427

Ion Ratio Lower Upper

43 100

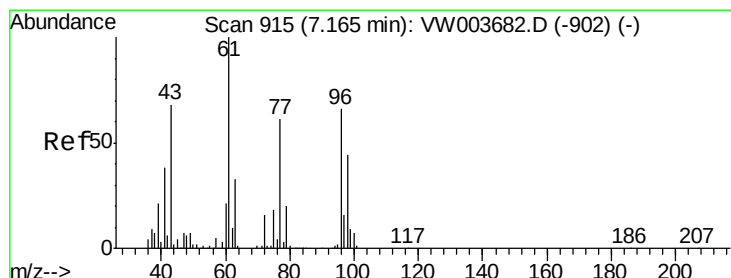
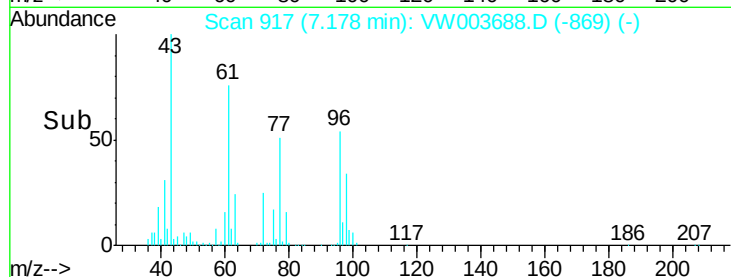
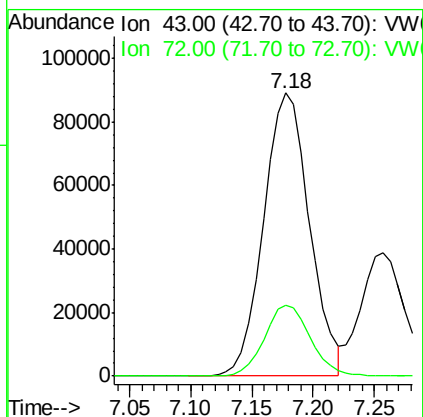
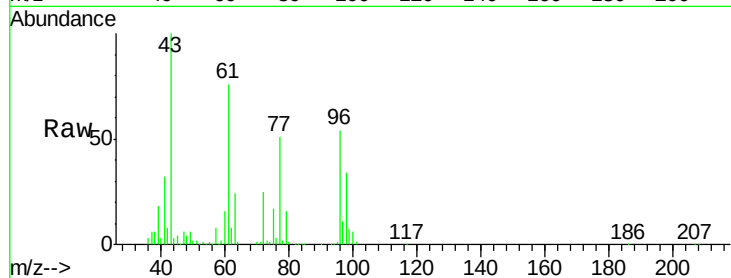
72 24.9 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.756 ug/l

RT: 7.17 min Scan# 915

Delta R.T. 0.00 min

Lab File: VW003688.D

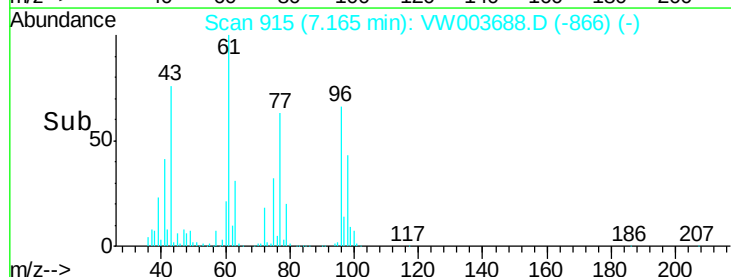
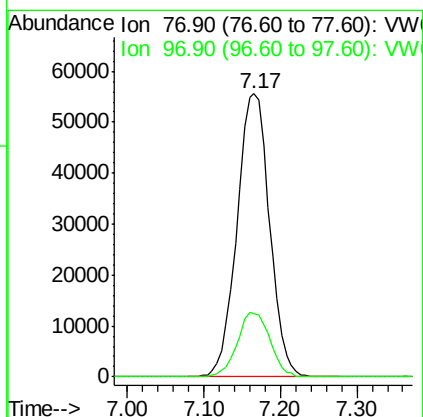
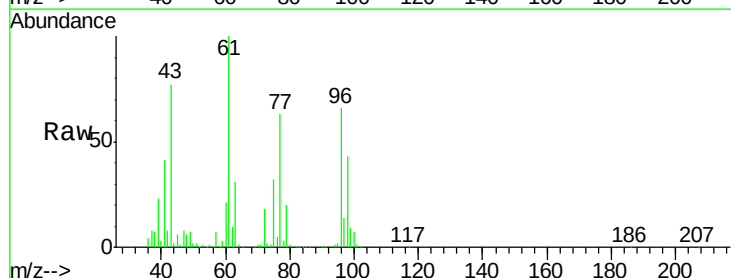
Acq: 03 Jul 2018 10:16

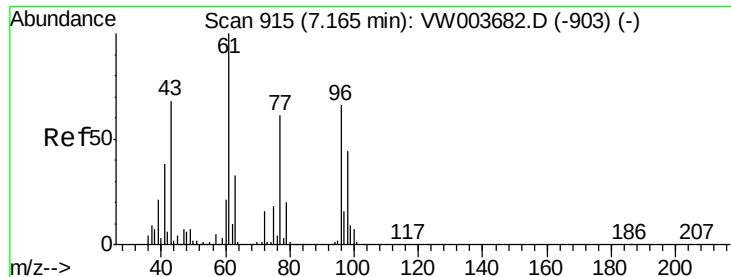
Tgt Ion: 77 Resp: 163876

Ion Ratio Lower Upper

77 100

97 22.8 11.7 35.1





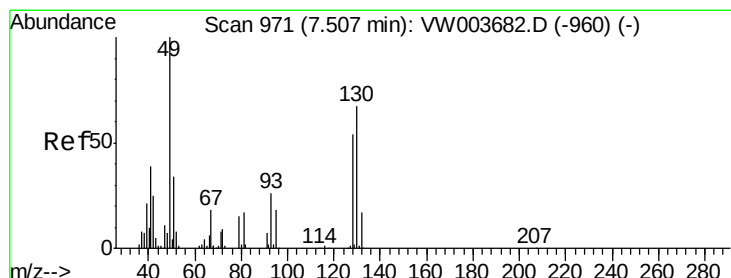
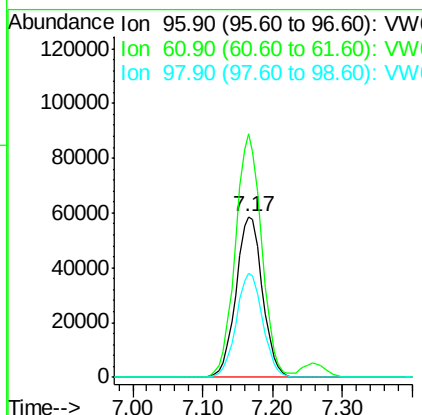
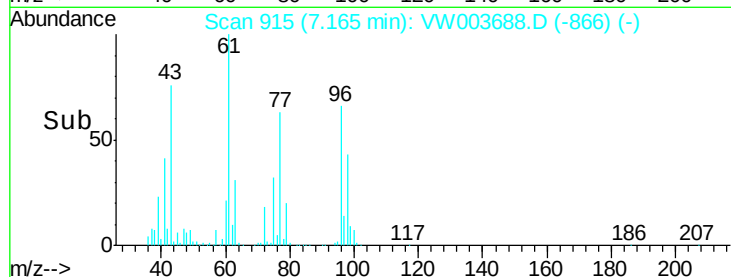
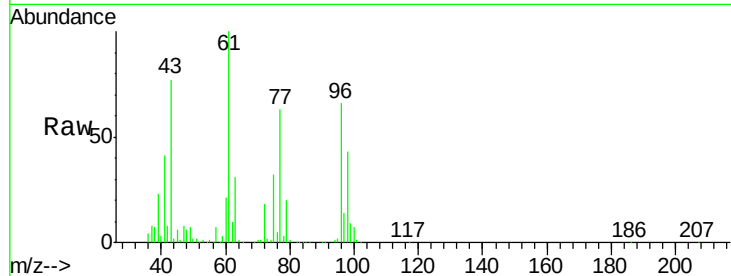
#27
 cis-1,2-Dichloroethene
 Concen: 49.273 ug/l
 RT: 7.17 min Scan# 915
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	149.8	0.0	305.0	
98	64.4	0.0	129.6	

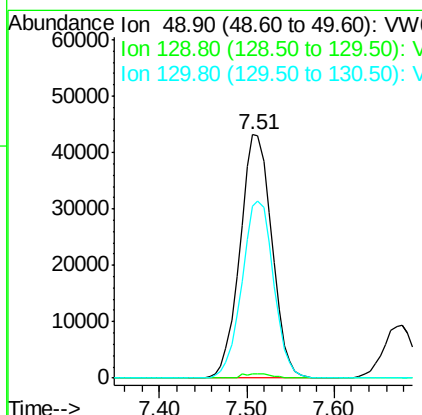
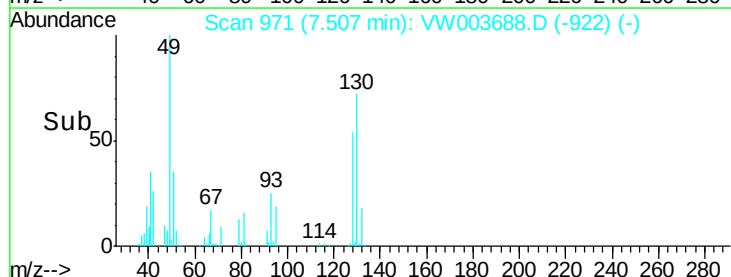
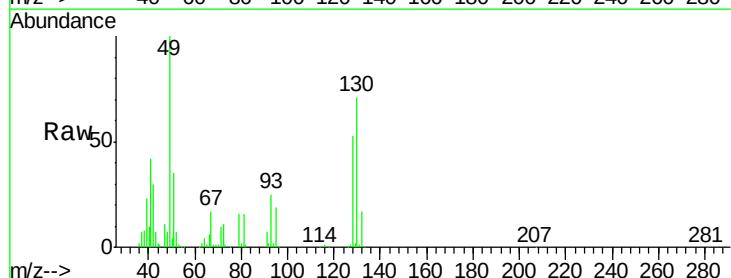
Manual Integrations
 APPROVED

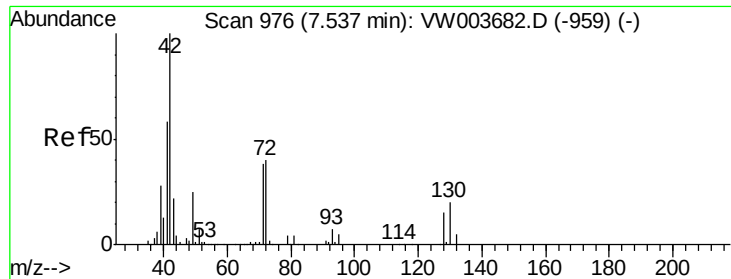
apatel
 7/5/2018 11:11:55 AM



#28
 Bromochloromethane
 Concen: 45.472 ug/l
 RT: 7.51 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.7	0.0	3.0	
130	72.3	57.0	85.6	





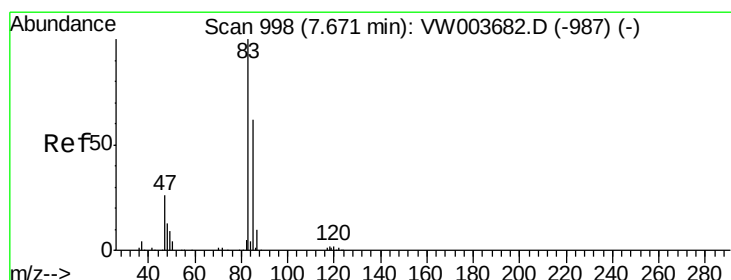
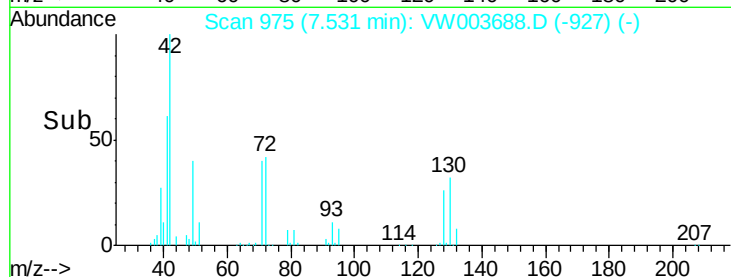
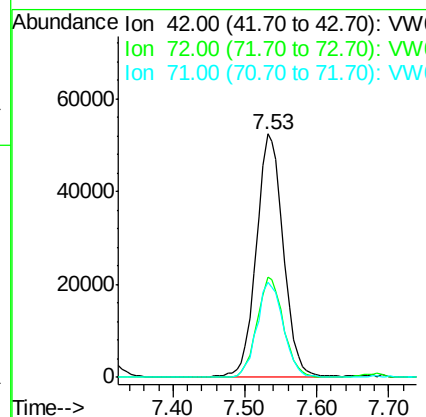
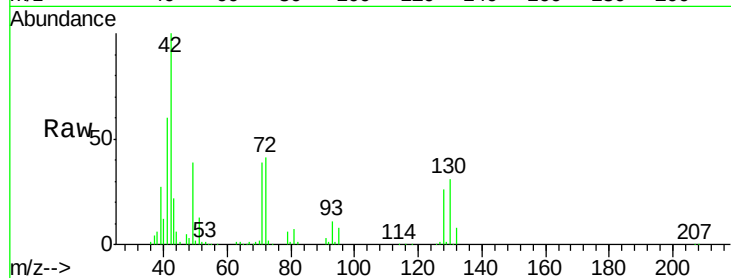
#29
Tetrahydrofuran
Concen: 229.404 ug/l
RT: 7.53 min Scan# 975
Delta R.T. -0.01 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.0	48.0
71	38.4	30.2	45.2

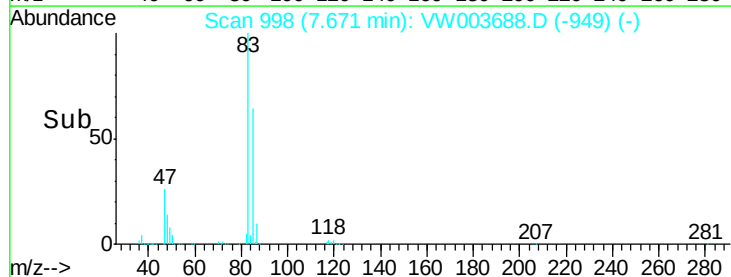
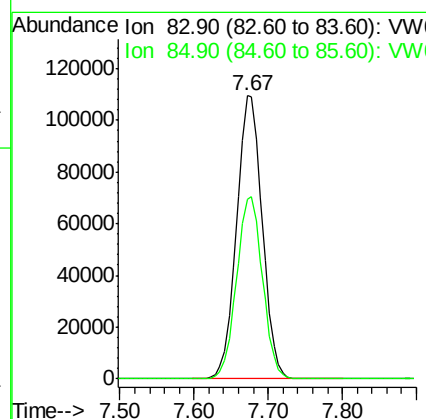
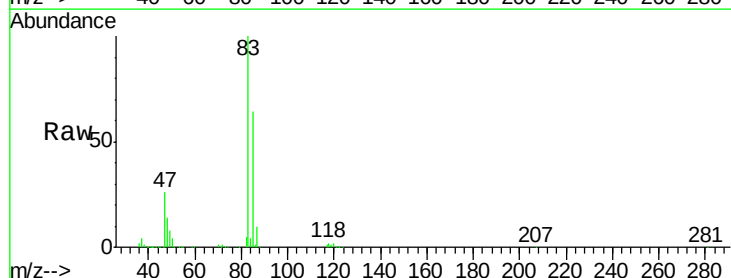
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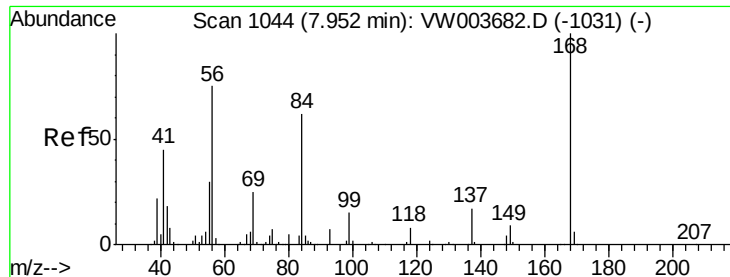
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#30
Chloroform
Concen: 47.730 ug/l
RT: 7.67 min Scan# 998
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	49.7	74.5





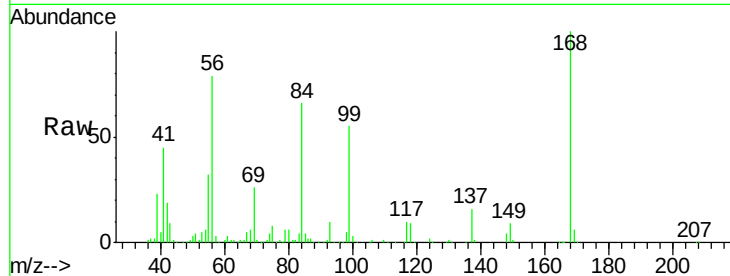
#31
Cyclohexane
Concen: 50.107 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

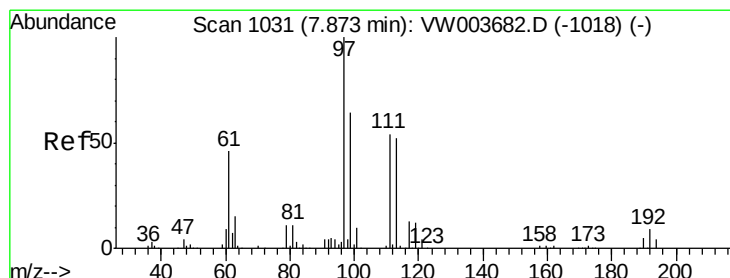
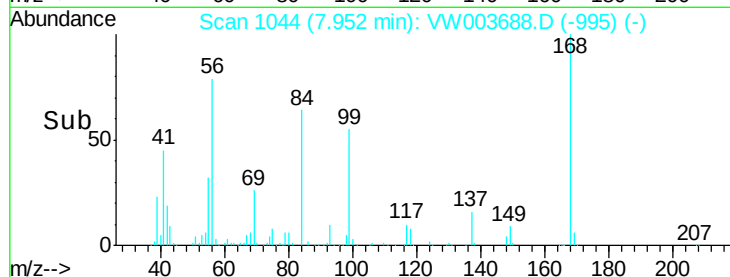
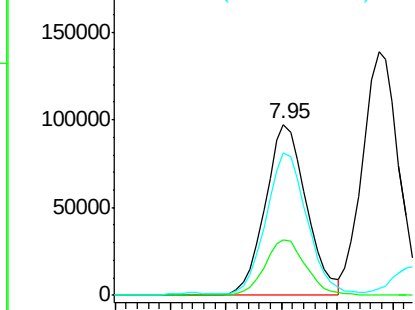
Tot Ion	Ratio	Lower	Upper
56	100		
69	32.5	27.0	40.4
84	82.3	65.4	98.0

Manual Integrations
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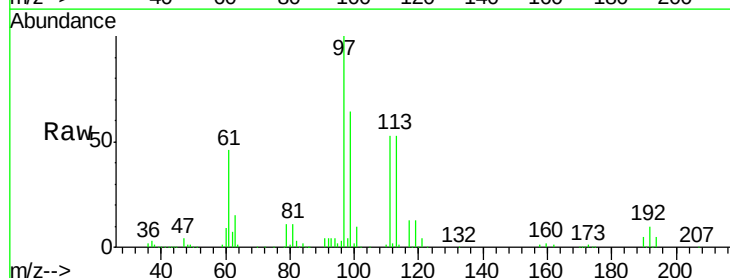


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

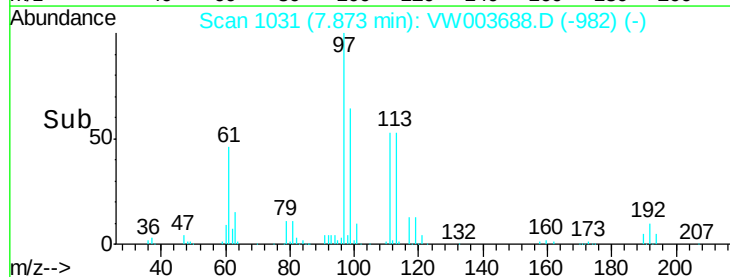
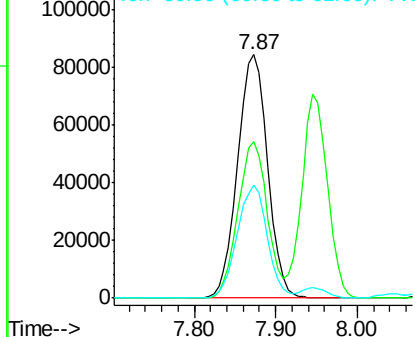


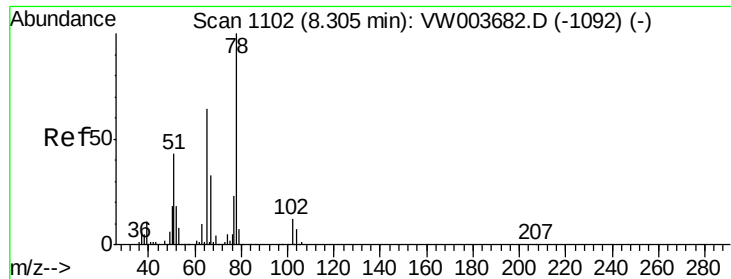
#32
1,1,1-Trichloroethane
Concen: 49.971 ug/l
RT: 7.87 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	50.6	76.0
61	46.5	37.2	55.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





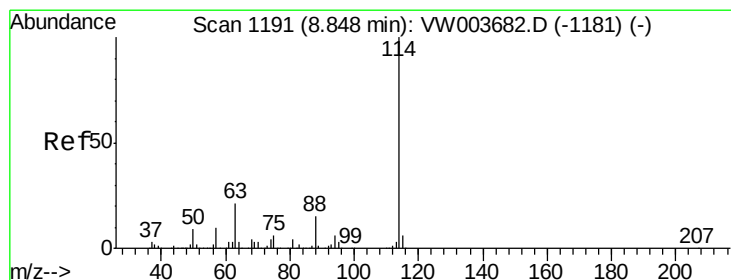
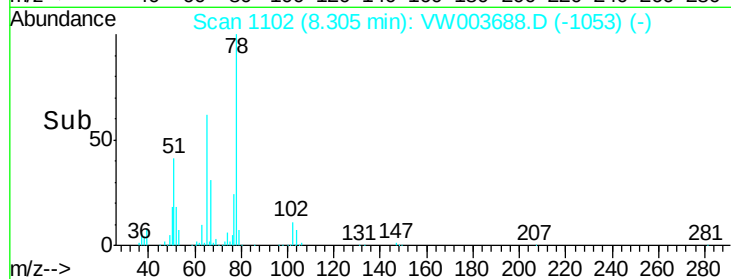
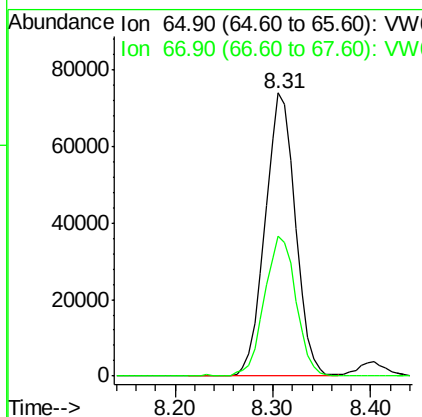
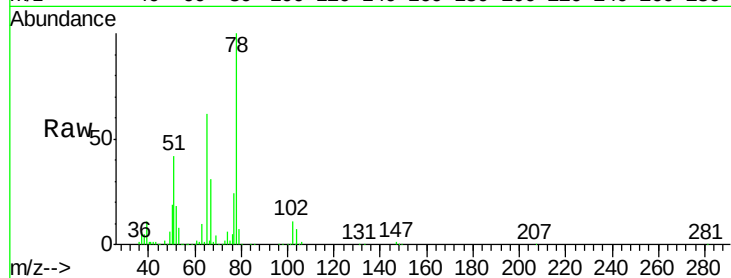
#33
 1,2-Dichloroethane-d4
 Concen: 48.675 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.5	0.0	104.0	

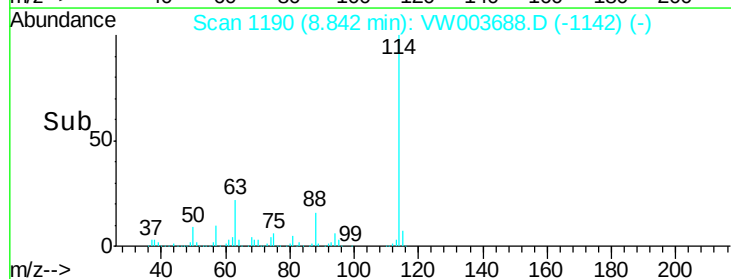
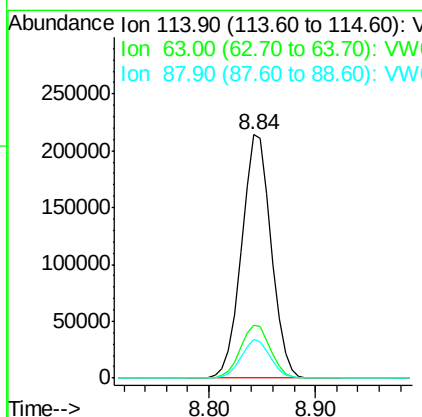
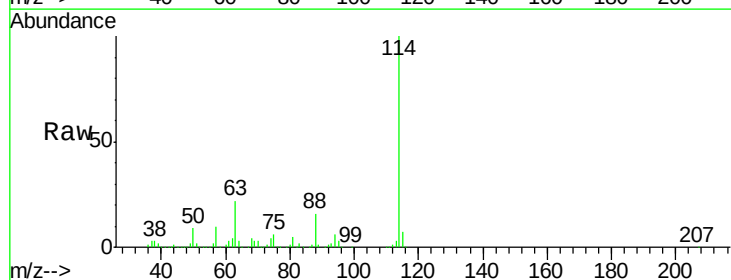
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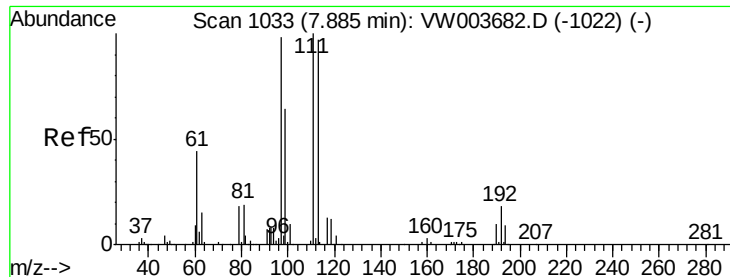
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.9	0.0	41.6	
88	15.8	0.0	29.8	





#35

Dibromofluoromethane

Concen: 50.844 ug/l

RT: 7.88 min Scan# 1033

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

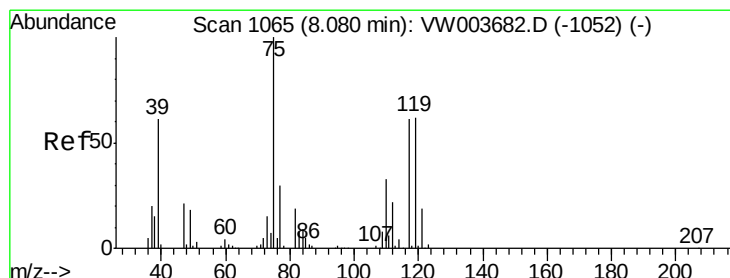
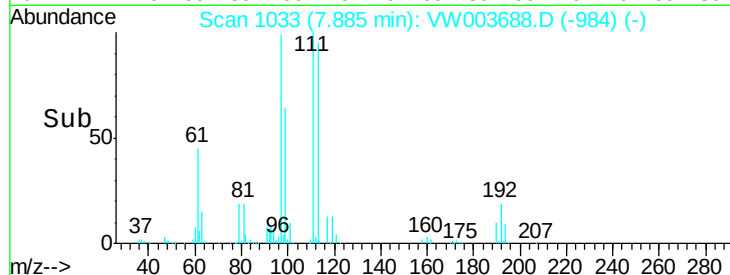
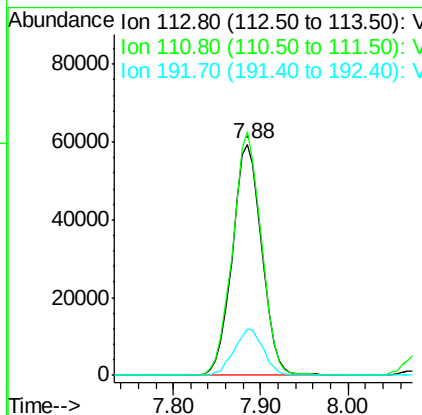
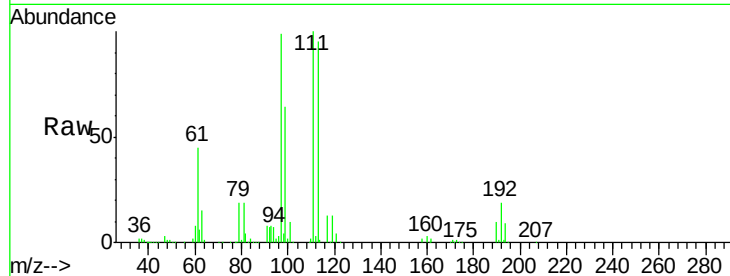
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	138612
Ion Ratio	Lower	Upper	
113	100		
111	103.4	82.4	123.6
192	19.9	15.8	23.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.434 ug/l

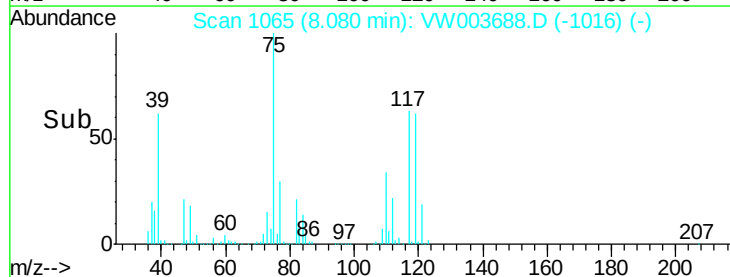
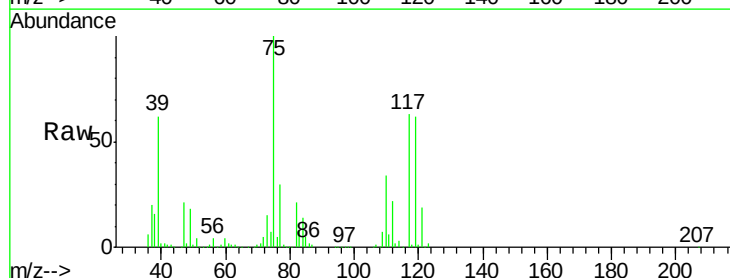
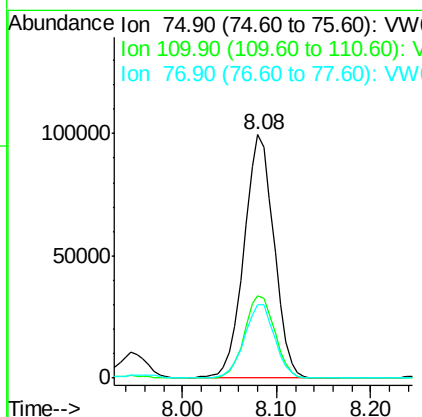
RT: 8.08 min Scan# 1065

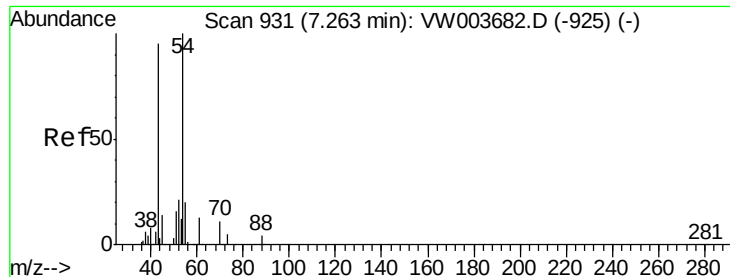
Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Tgt Ion:	75	Resp:	220015
Ion Ratio	Lower	Upper	
75	100		
110	34.3	16.9	50.6
77	31.0	24.9	37.3





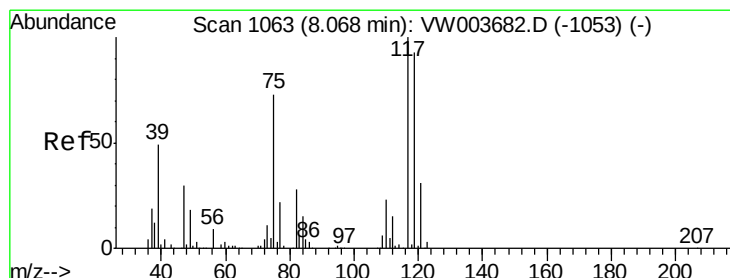
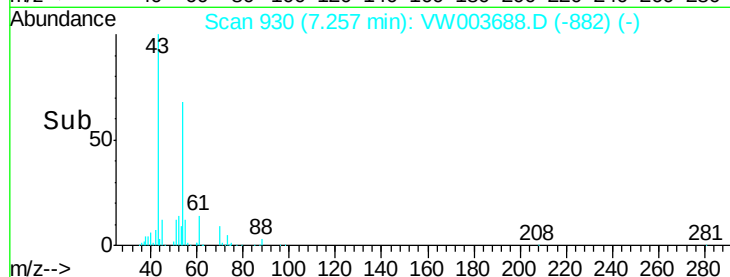
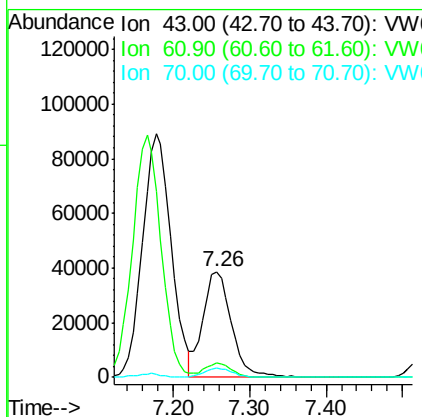
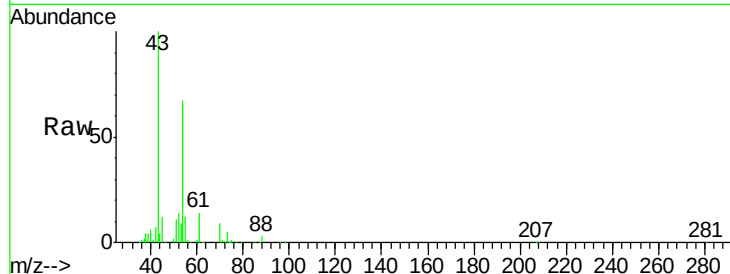
#37
Ethyl Acetate
Concen: 49.008 ug/l
RT: 7.26 min Scan# 930
Delta R.T. -0.01 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.5	15.7
70	8.6	7.7	11.5

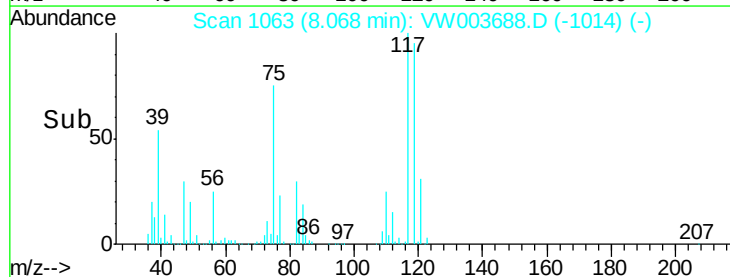
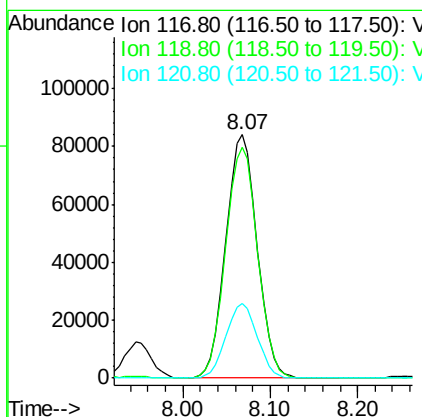
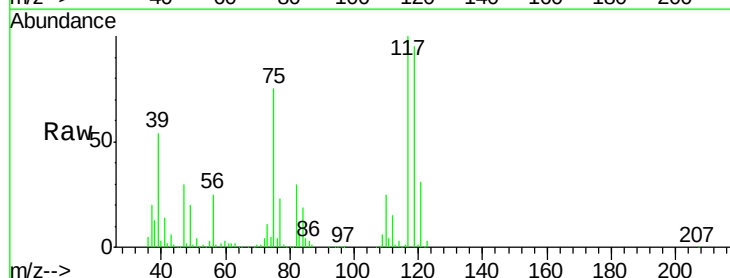
Manual Integrations
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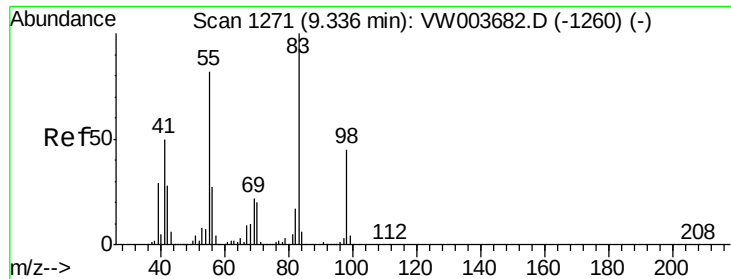
apatel
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#38
Carbon Tetrachloride
Concen: 52.367 ug/l
RT: 8.07 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	74.1	111.1
121	30.7	25.0	37.4





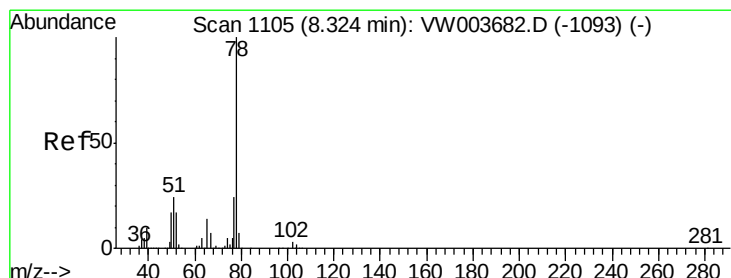
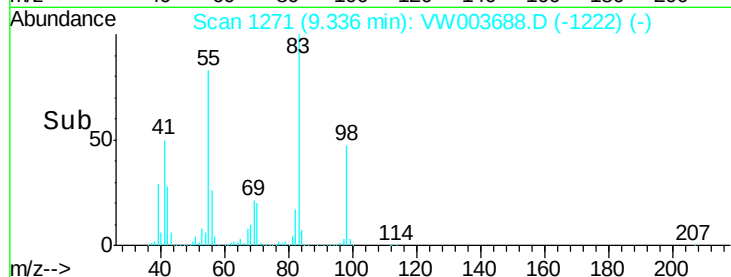
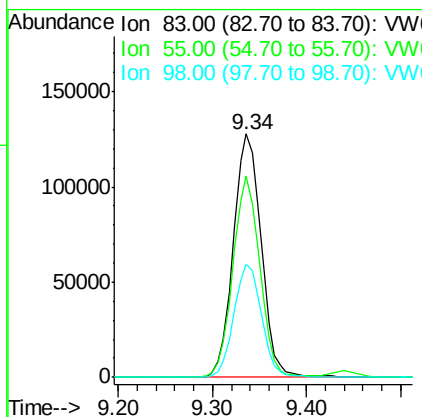
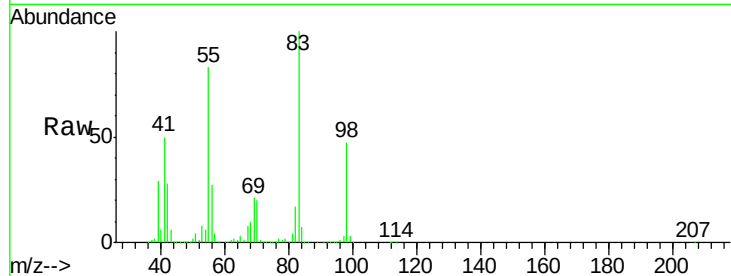
#39
Methylvlcyclohexane
Concen: 54.436 ug/l
RT: 9.34 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.6	65.3	97.9
98	46.6	36.3	54.5

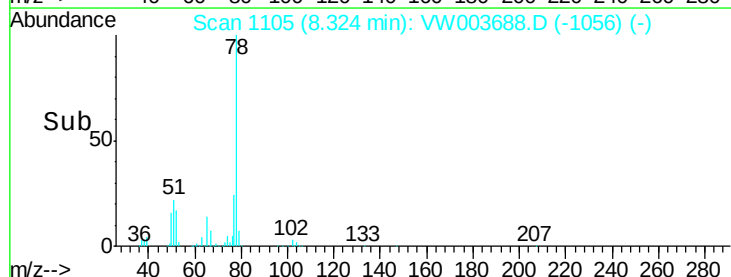
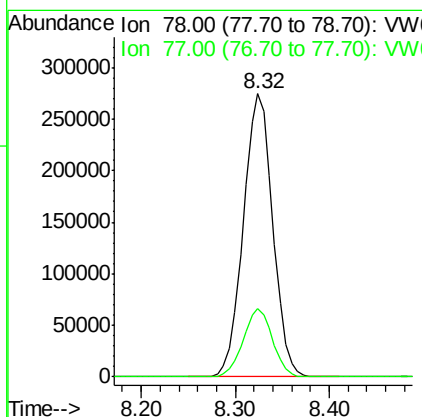
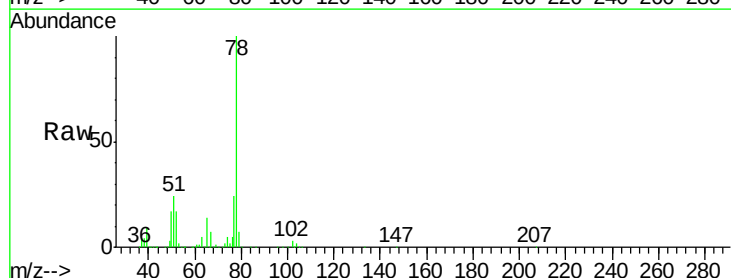
Manual Integrations
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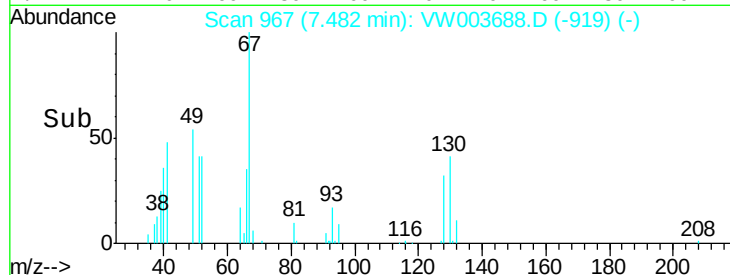
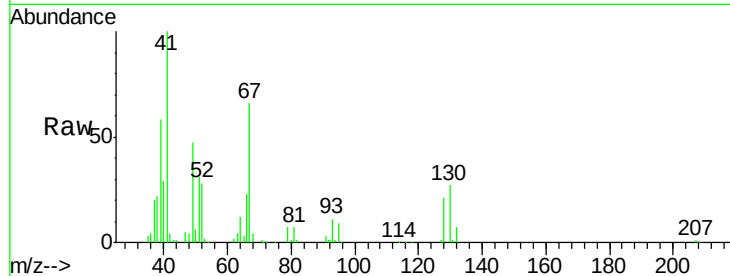
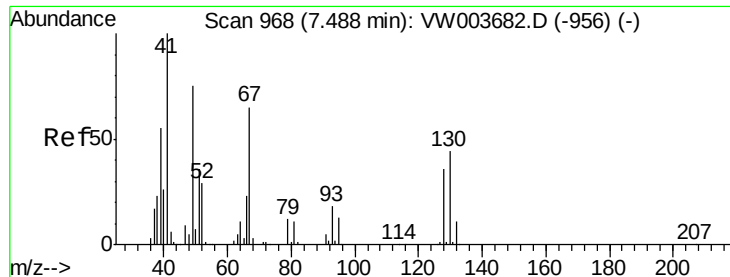
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#40
Benzene
Concen: 50.880 ug/l
RT: 8.32 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





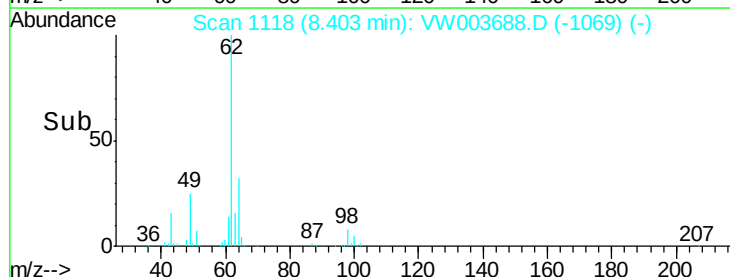
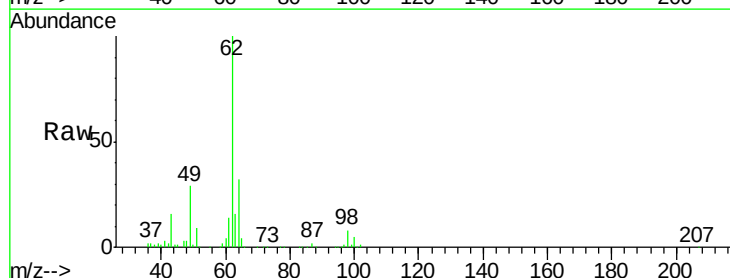
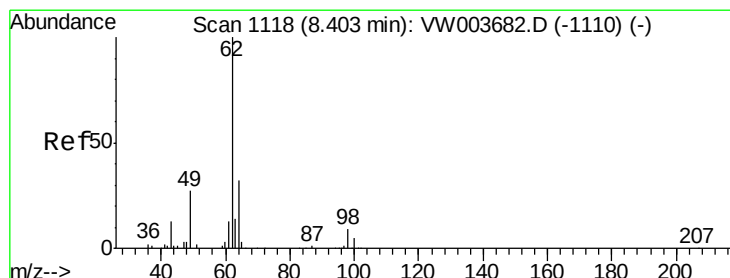
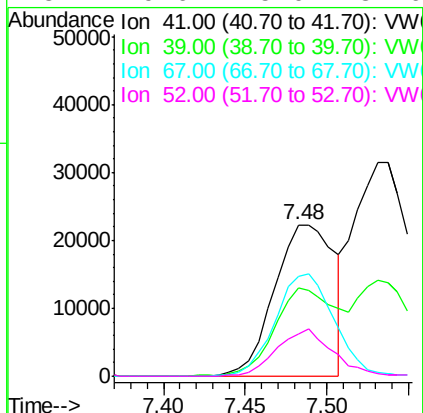
#41
Methacrylonitrile
Concen: 48.981 ug/l
RT: 7.48 min Scan# 967
Delta R.T. -0.01 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.7	47.8	71.8
67	66.5	53.9	80.9
52	29.6	25.0	37.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

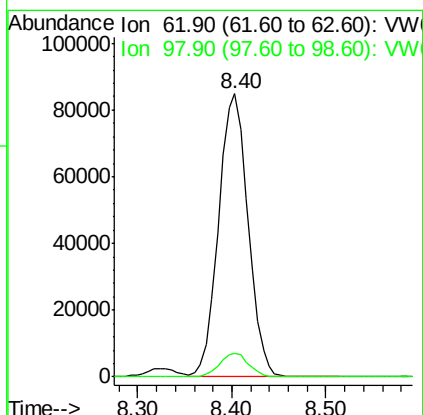
Manual Integrations
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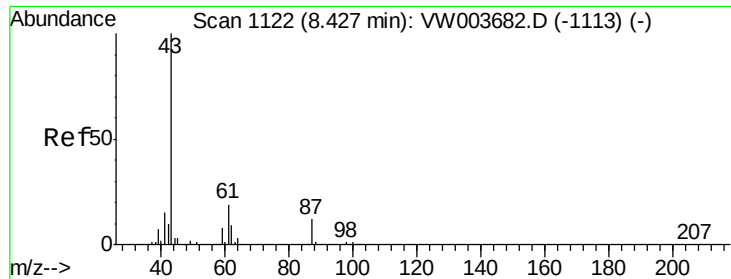
apatel
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#42
1,2-Dichloroethane
Concen: 49.476 ug/l
RT: 8.40 min Scan# 1118
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.2





#43

Isopropyl Acetate

Concen: 47.868 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

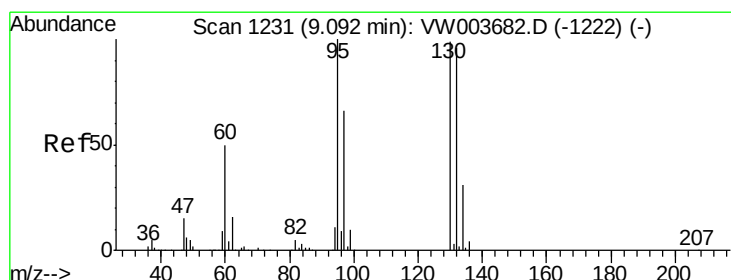
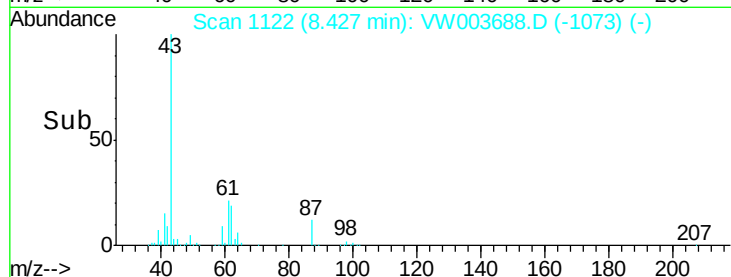
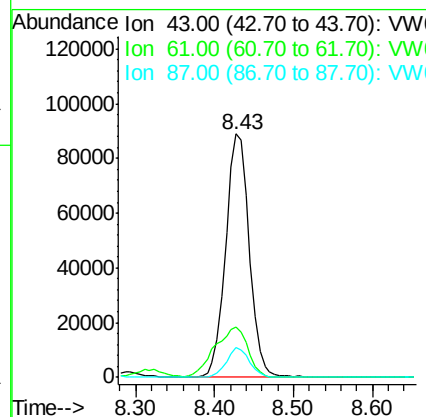
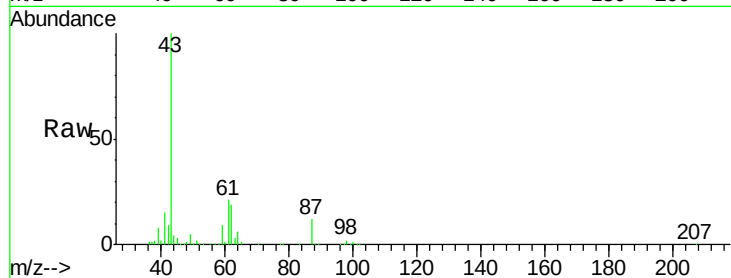
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	184136
Ion	Ratio	Lower	Upper
43	100		
61	29.1	23.0	34.6
87	11.8	9.8	14.6

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#44

Trichloroethene

Concen: 50.904 ug/l

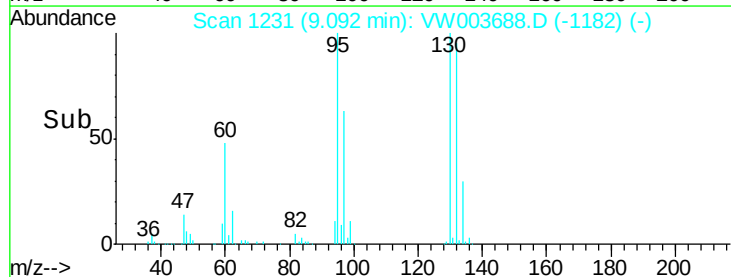
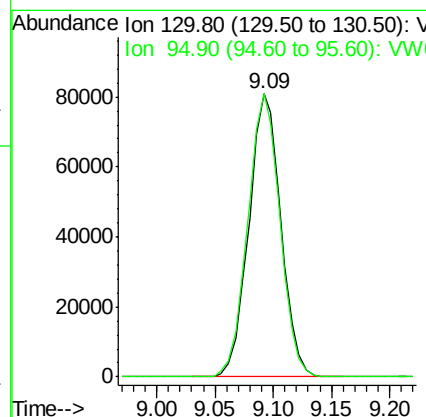
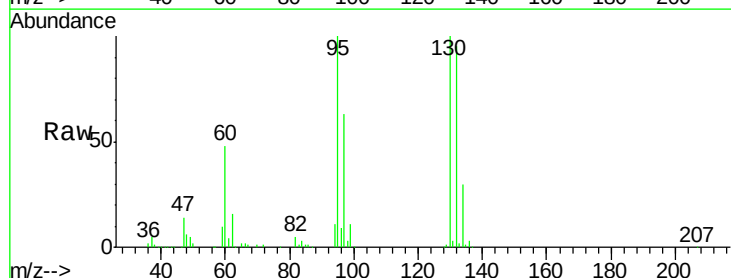
RT: 9.09 min Scan# 1231

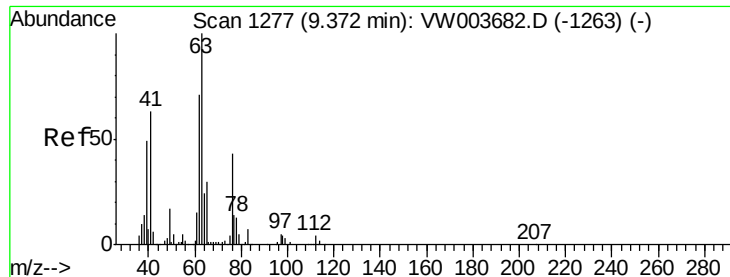
Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Tgt Ion:	130	Resp:	155194
Ion	Ratio	Lower	Upper
130	100		
95	100.0	0.0	202.6





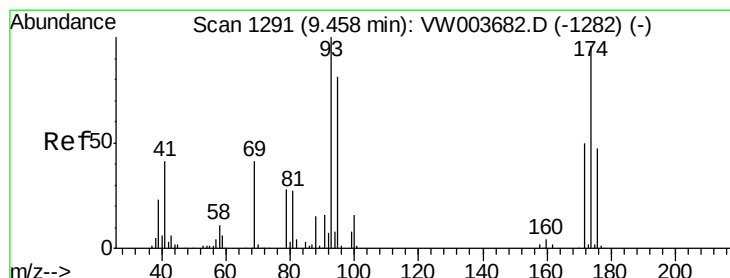
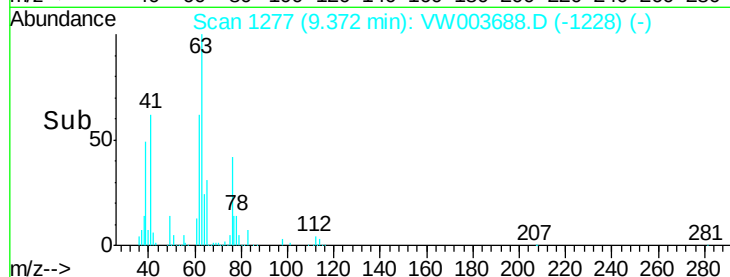
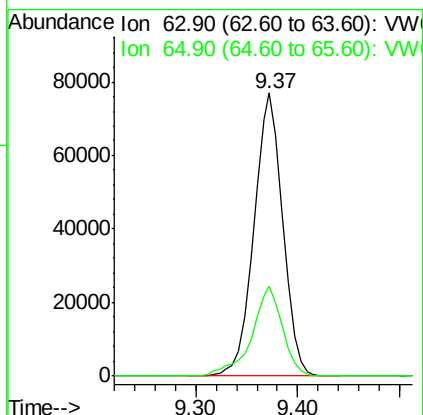
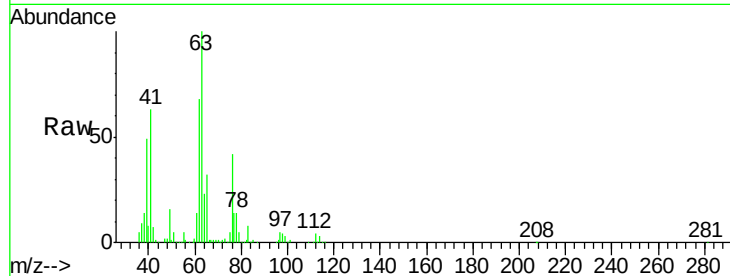
#45
 1,2-Dichloropropane
 Concen: 49.442 ug/l
 RT: 9.37 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 63 Resp: 151260
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.3 36.5

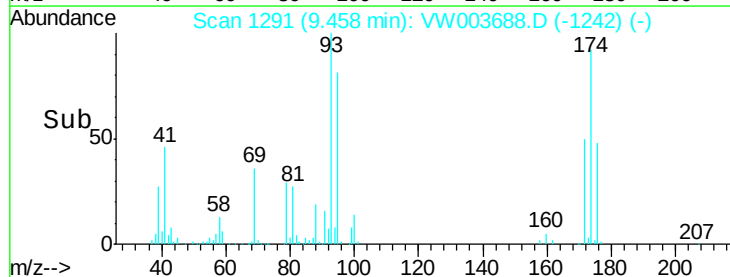
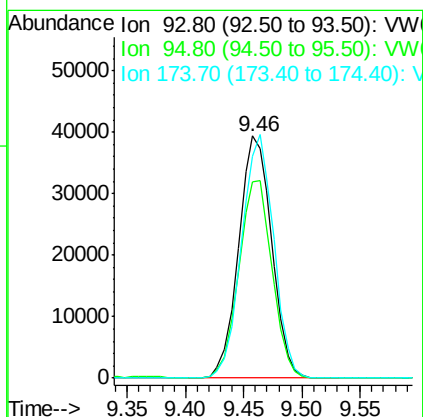
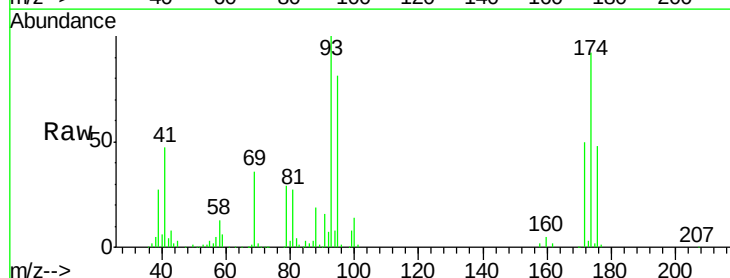
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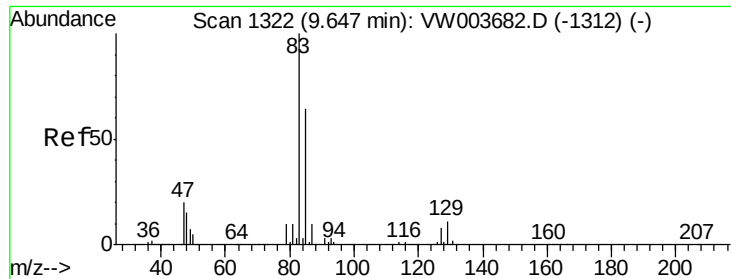
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#46
 Dibromomethane
 Concen: 49.102 ug/l
 RT: 9.46 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion: 93 Resp: 78015
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.2 99.4
 174 97.7 79.6 119.4





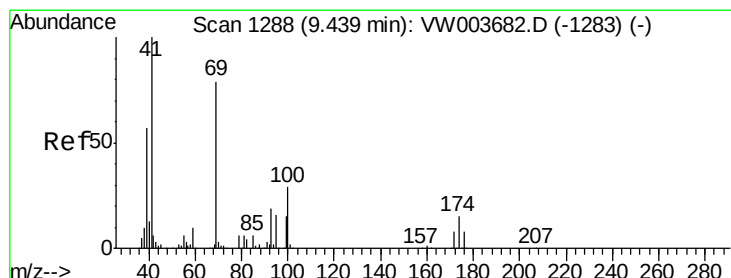
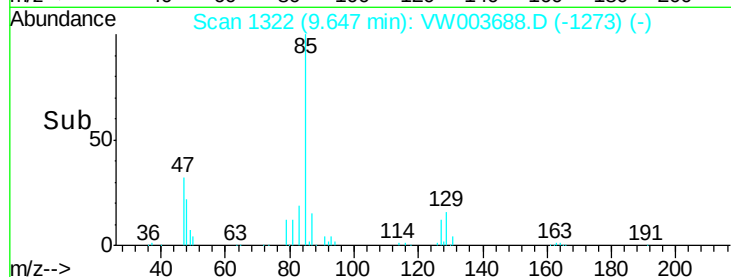
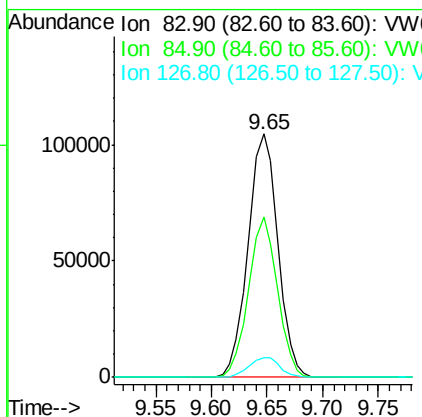
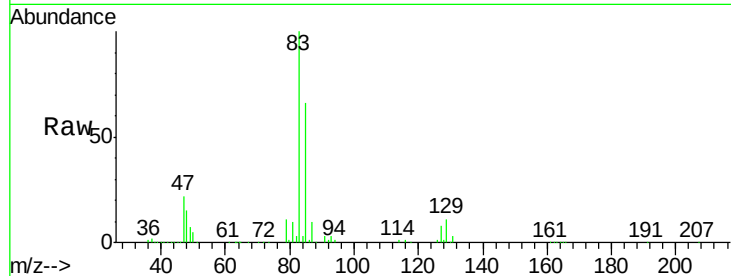
#47
Bromodichloromethane
Concen: 49.838 ug/l
RT: 9.65 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	195741		
85	65.9	51.1	76.7	
127	8.2	6.5	9.7	

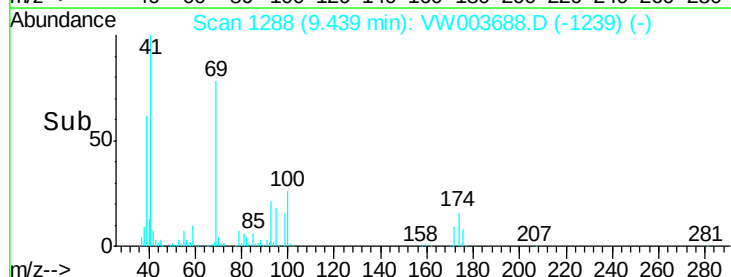
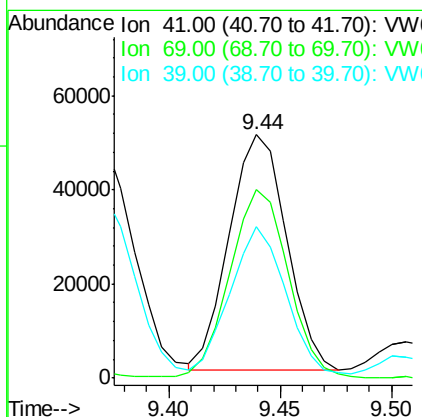
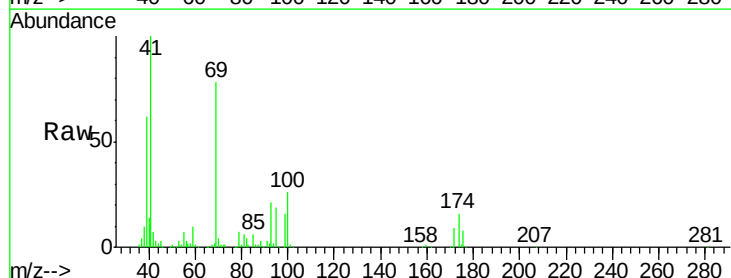
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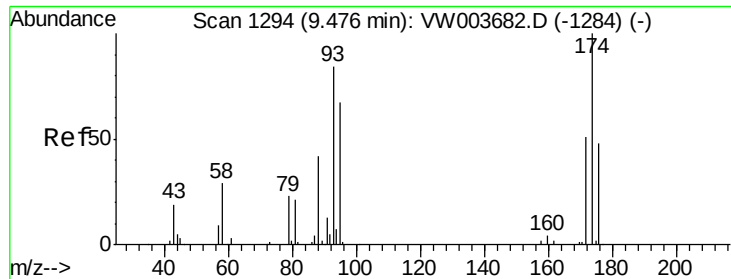
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#48
Methyl methacrylate
Concen: 44.693 ug/l
RT: 9.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	90070		
69	80.9	65.4	98.2	
39	63.7	50.0	75.0	





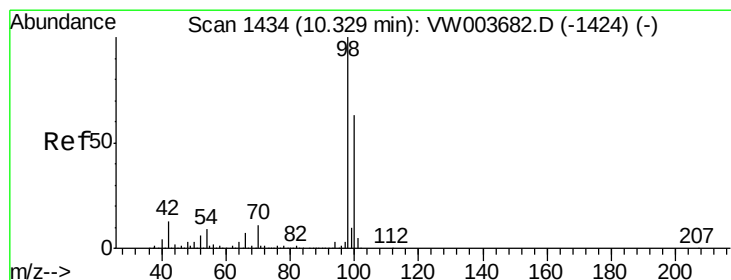
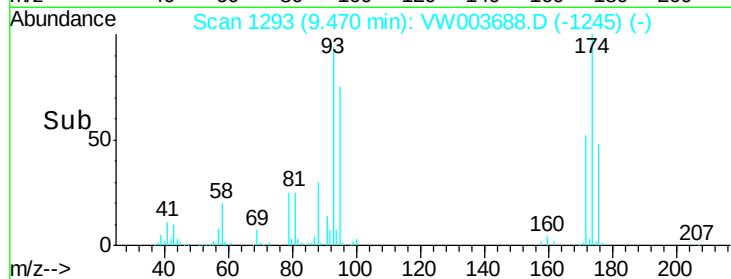
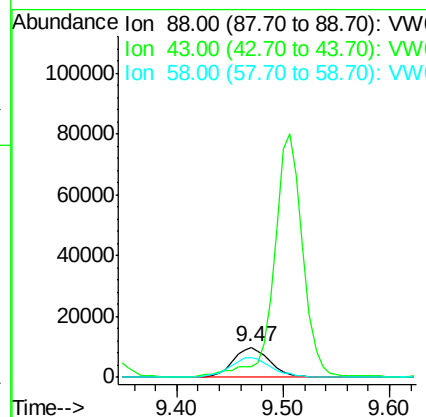
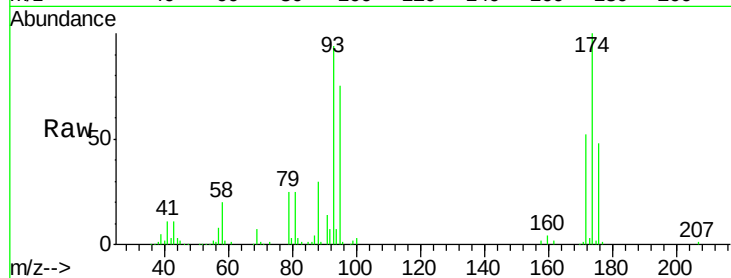
#49
1,4-Dioxane
Concen: 965.605 ug/l
RT: 9.47 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	88	Resp	24067
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	74.3	61.8	92.6

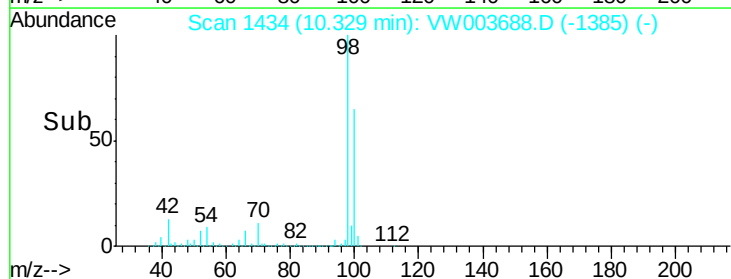
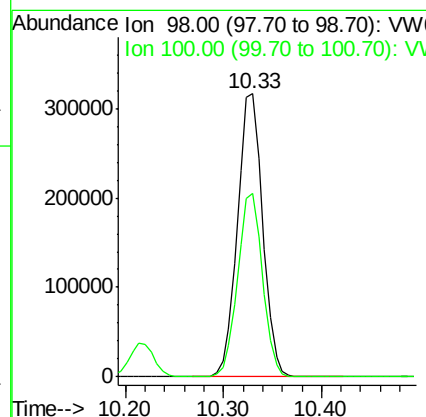
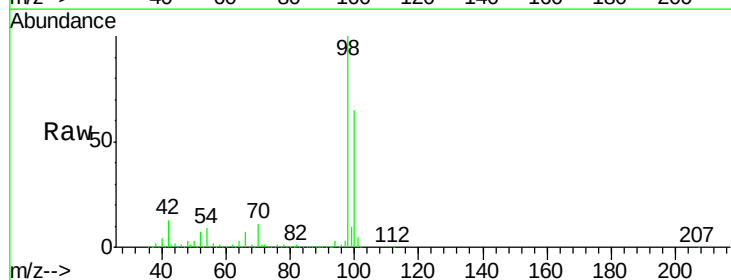
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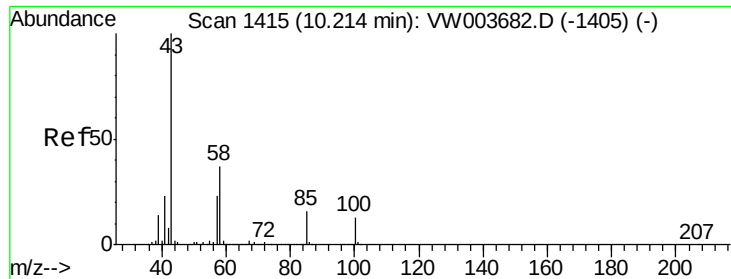
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#50
Toluene-d8
Concen: 52.790 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	98	Resp	564972
Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.8	76.2





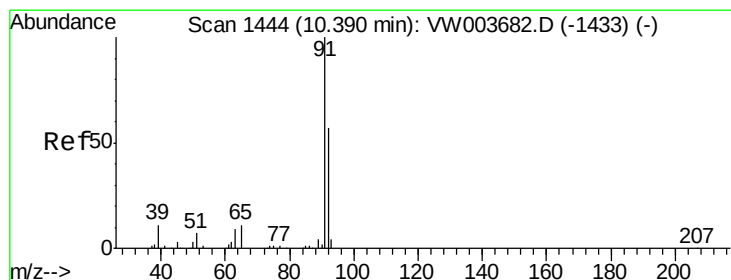
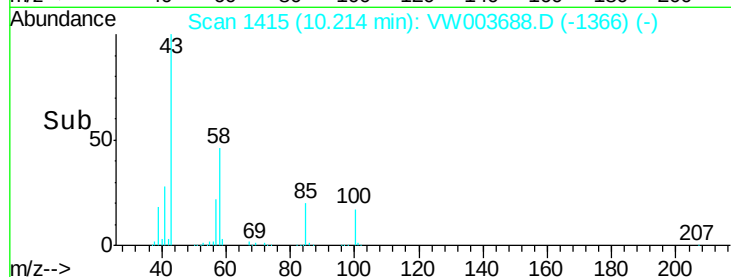
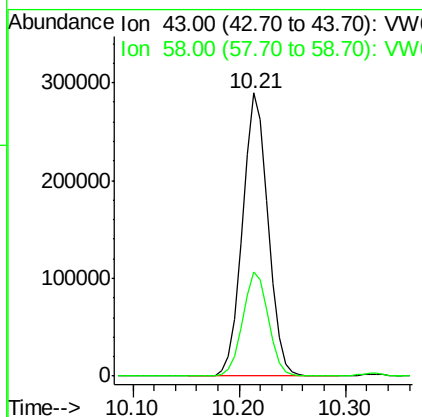
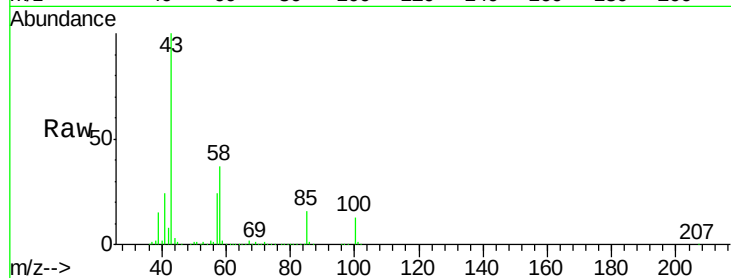
#51
4-Methyl-2-Pentanone
Concen: 240.857 ug/l
RT: 10.21 min Scan# 1415
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	488211
Ion Ratio	100	Lower	Upper
58	37.0	29.6	44.4

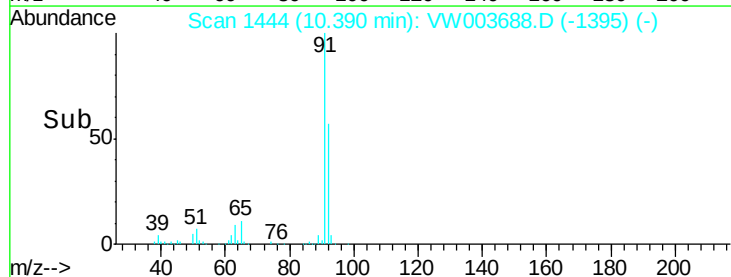
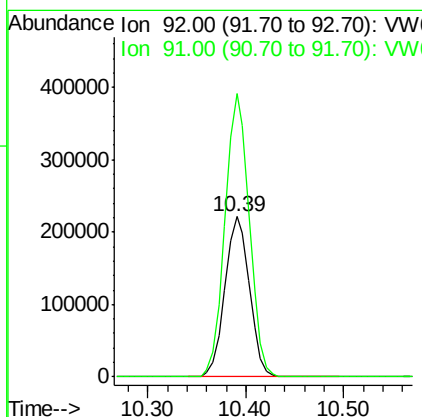
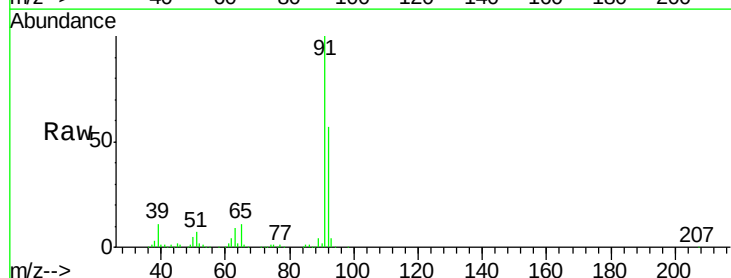
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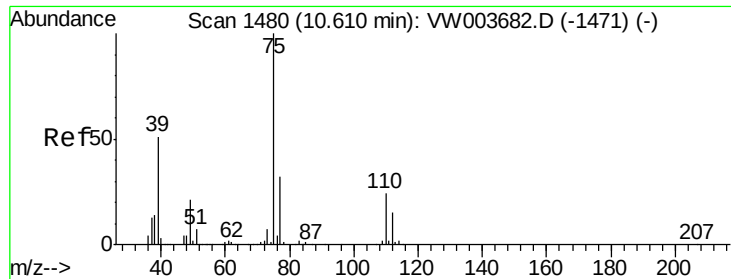
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#52
Toluene
Concen: 52.059 ug/l
RT: 10.39 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	92	Resp	383143
Ion Ratio	100	Lower	Upper
91	175.1	140.2	210.2





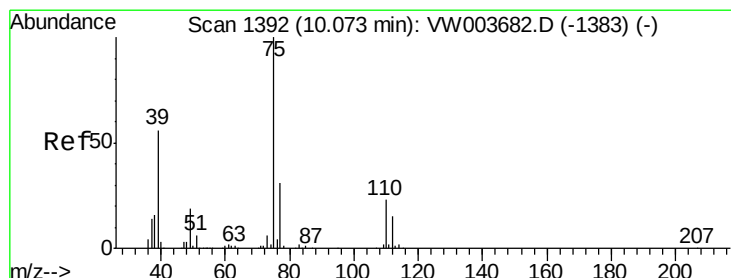
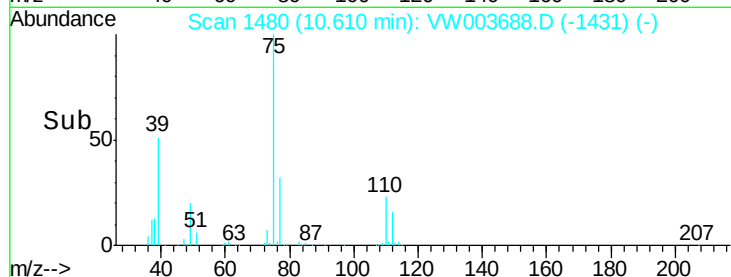
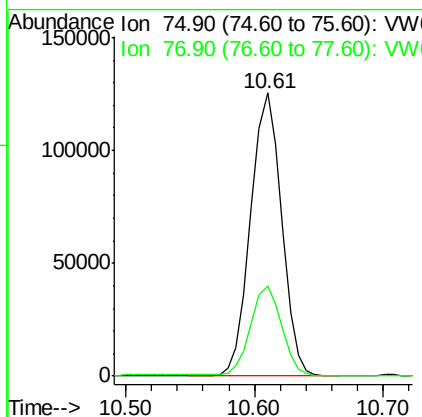
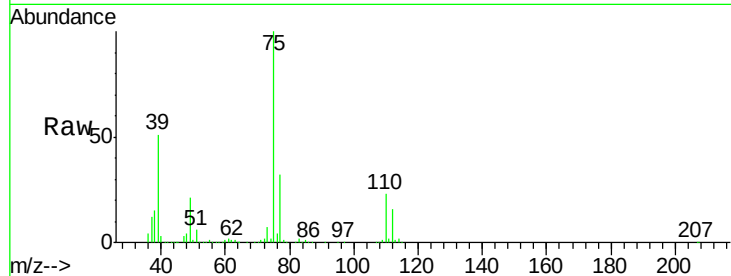
#53
t-1,3-Dichloropropene
Concen: 51.212 ug/l
RT: 10.61 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3

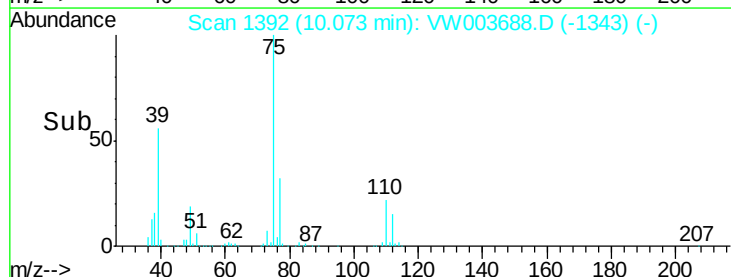
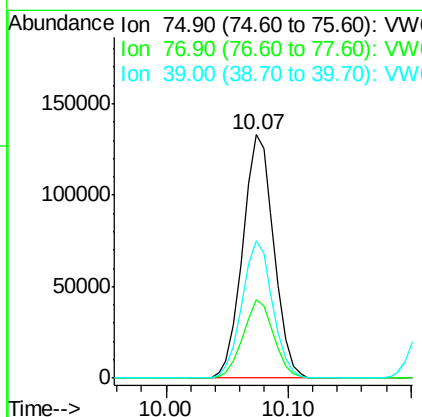
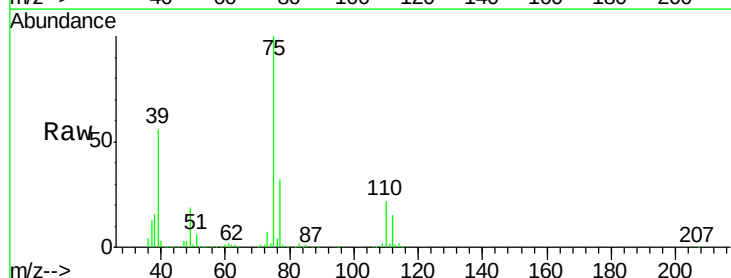
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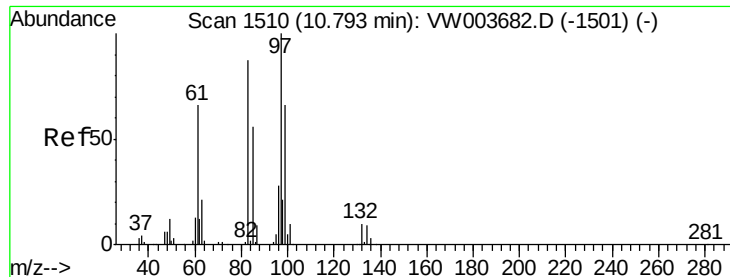
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#54
cis-1,3-Dichloropropene
Concen: 50.824 ug/l
RT: 10.07 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.9	37.3
39	56.4	44.6	67.0





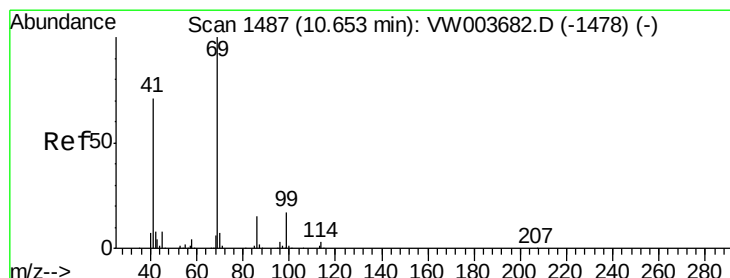
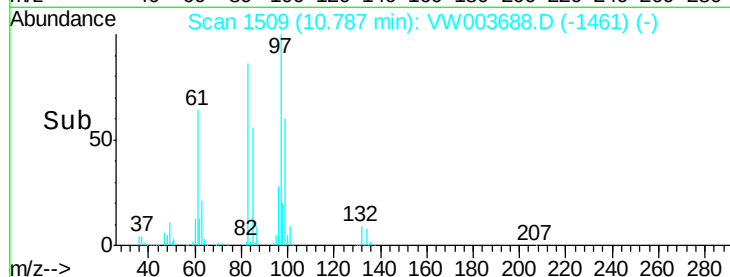
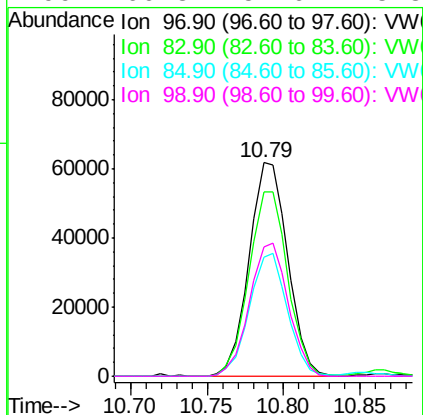
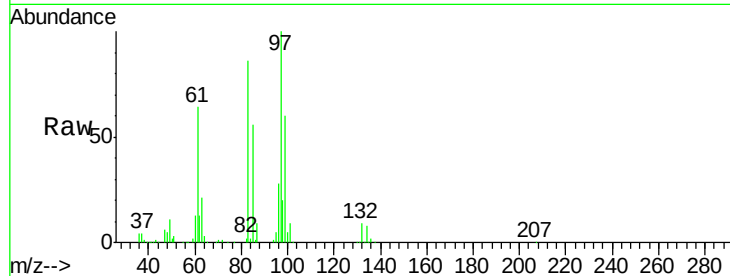
#55
 1,1,2-Trichloroethane
 Concen: 48.566 ug/l
 RT: 10.79 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	108712
Ion	Ratio	Lower	Upper
97	100		
83	86.0	69.5	104.3
85	55.5	44.7	67.1
99	60.3	52.6	78.8

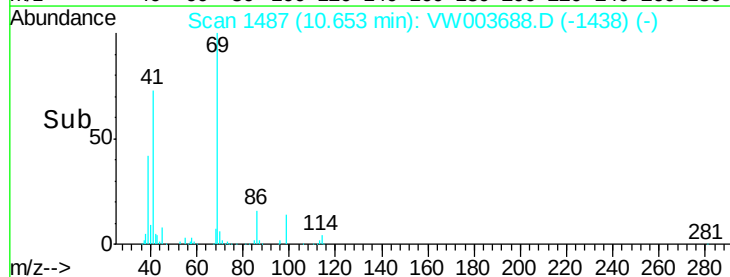
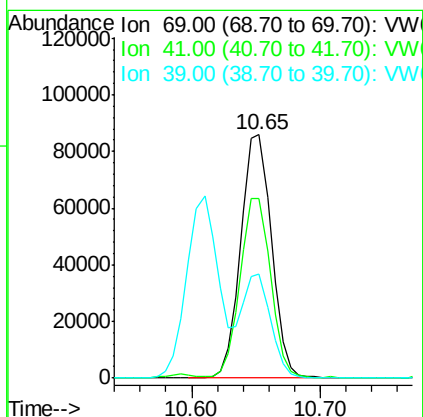
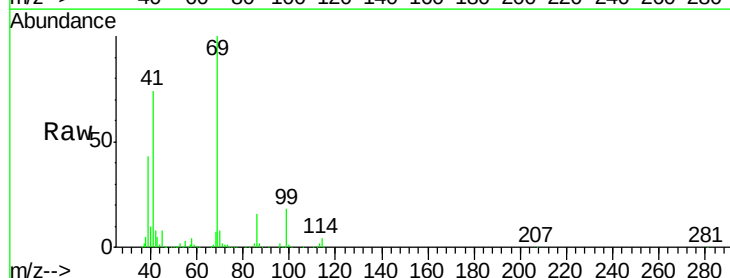
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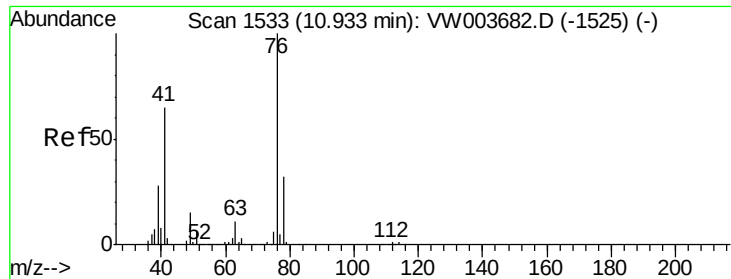
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#56
 Ethyl methacrylate
 Concen: 45.137 ug/l
 RT: 10.65 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion:	69	Resp:	142191
Ion	Ratio	Lower	Upper
69	100		
41	73.0	57.5	86.3
39	37.1	29.4	44.0





#57

1,3-Dichloropropane

Concen: 49.076 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 190835

Ion Ratio Lower Upper

76 100

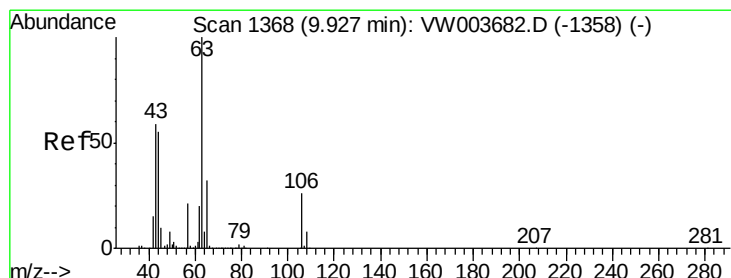
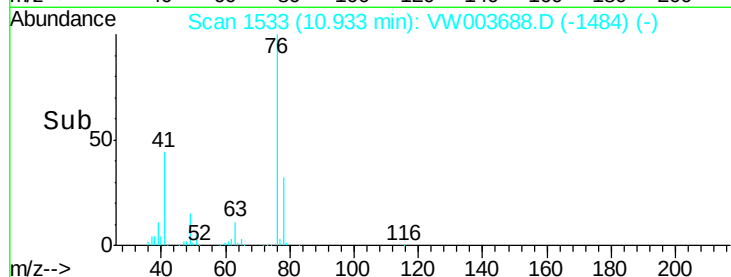
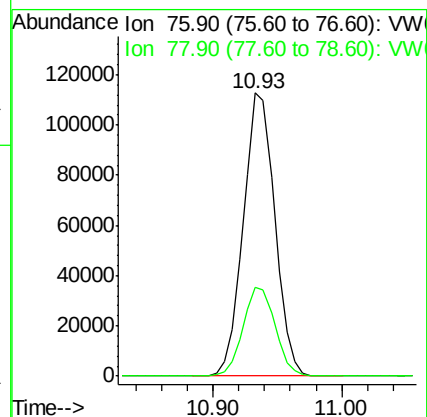
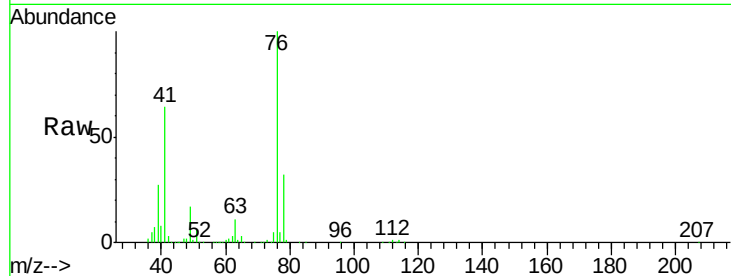
78 32.0 25.6 38.4

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#58

2-Chloroethyl Vinyl ether

Concen: 235.941 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VW003688.D

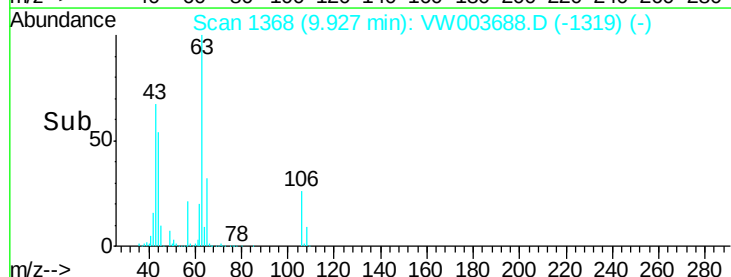
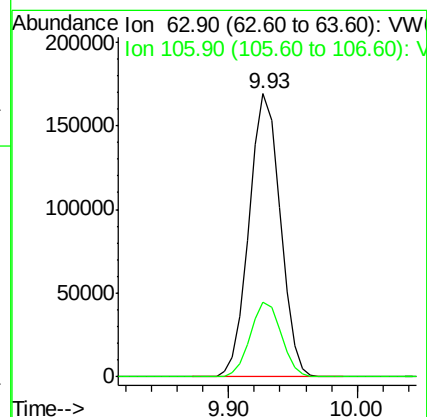
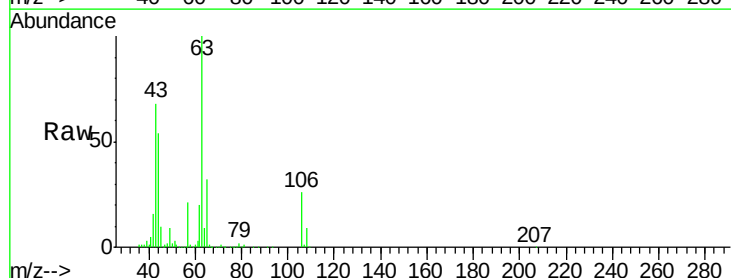
Acq: 03 Jul 2018 10:16

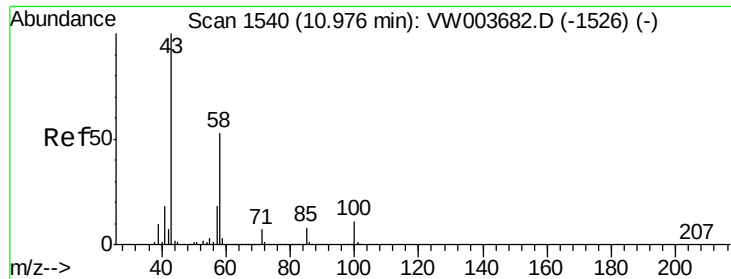
Tgt Ion: 63 Resp: 282299

Ion Ratio Lower Upper

63 100

106 26.3 20.7 31.1





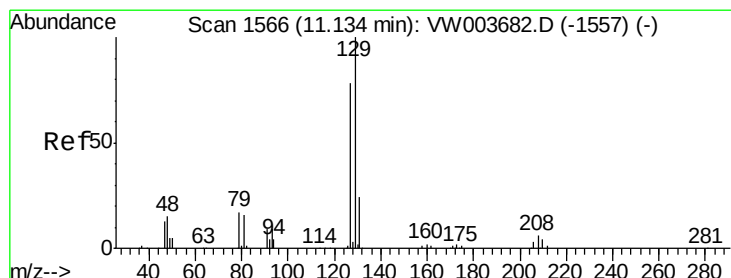
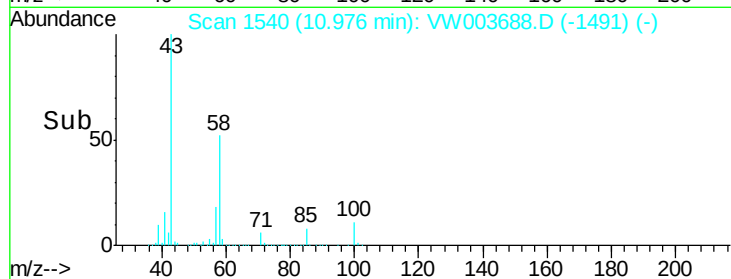
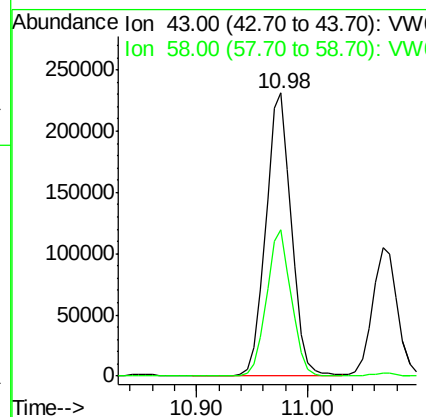
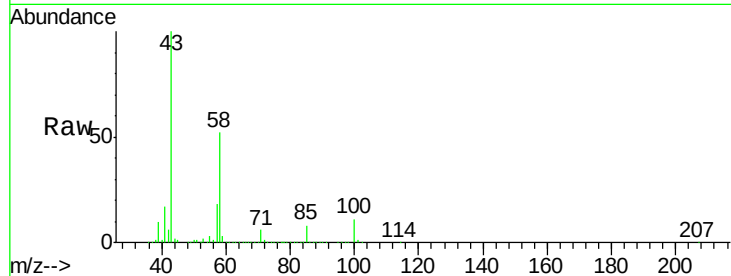
#59
2-Hexanone
Concen: 254.941 ug/l
RT: 10.98 min Scan# 1540
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 369397
Ion Ratio Lower Upper
43 100
58 50.2 25.9 77.6

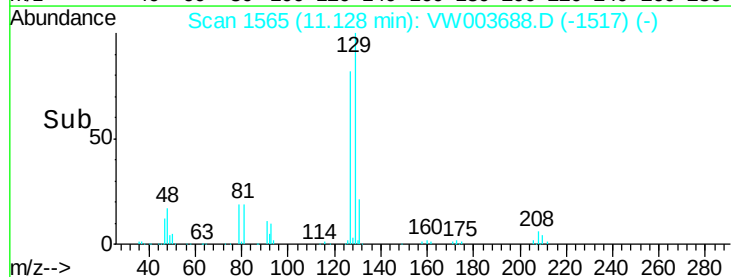
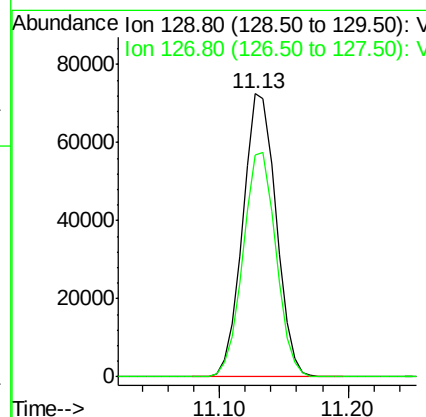
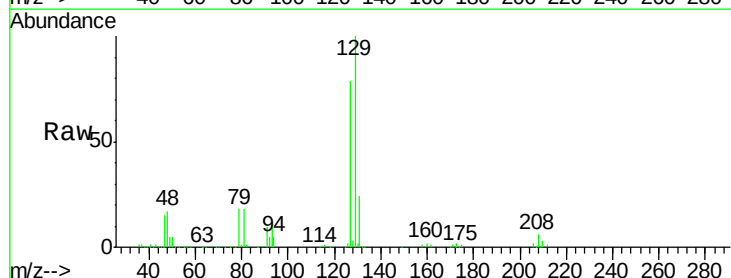
Manual Integrations
APPROVED

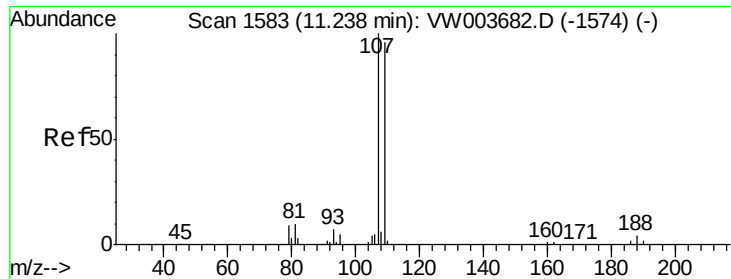
apatel
7/5/2018 11:11:55 AM



#60
Dibromochloromethane
Concen: 49.482 ug/l
RT: 11.13 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion: 129 Resp: 129485
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2





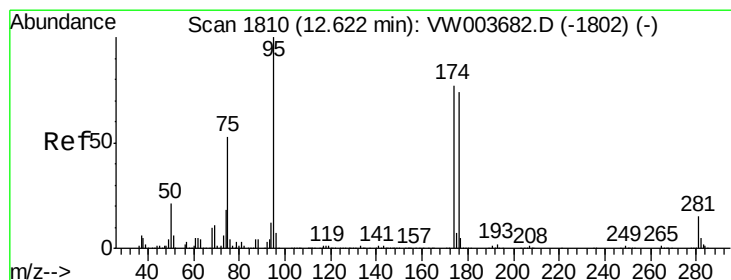
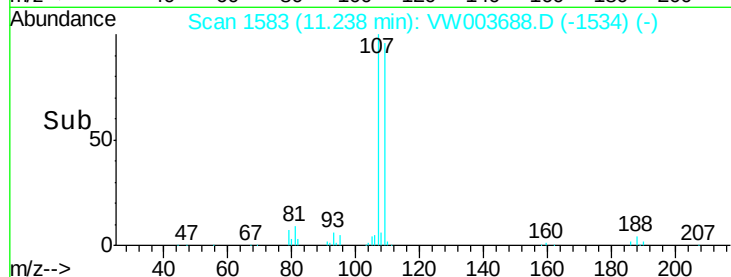
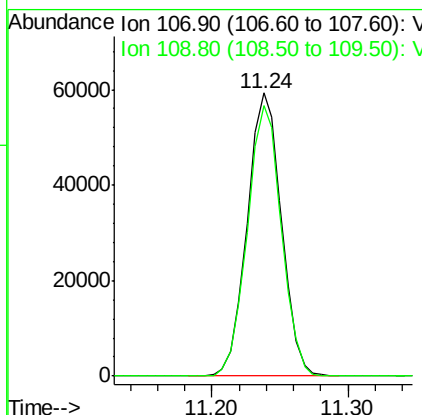
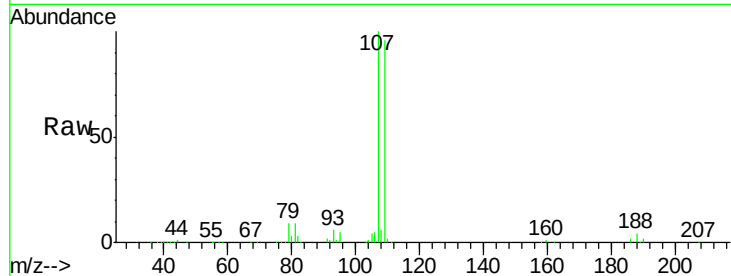
#61
 1,2-Dibromoethane
 Concen: 48.673 ug/l
 RT: 11.24 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 104356
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.6 113.4

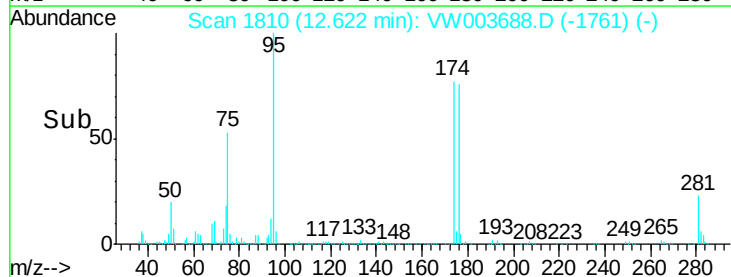
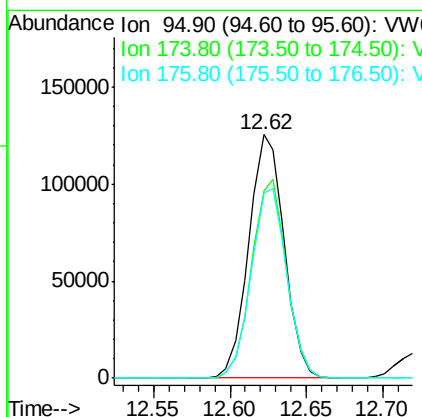
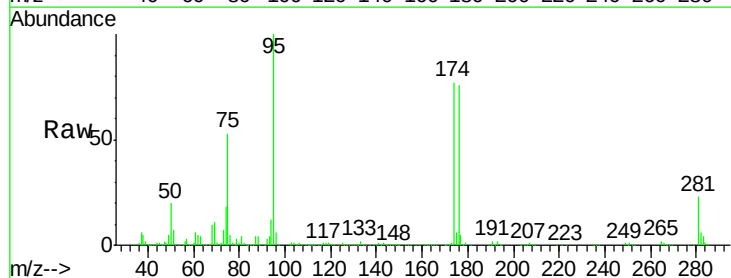
Manual Integrations
 APPROVED

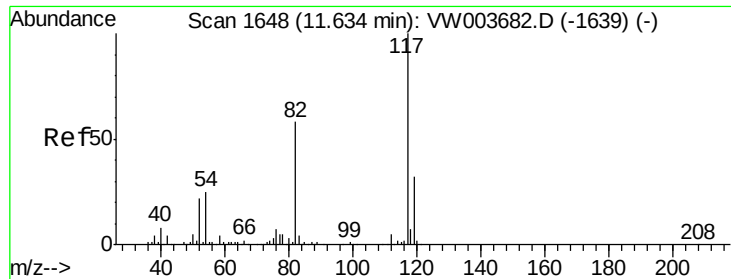
apatel
 7/5/2018 11:11:55 AM



#62
 4-Bromofluorobenzene
 Concen: 52.416 ug/l
 RT: 12.62 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion: 95 Resp: 201532
 Ion Ratio Lower Upper
 95 100
 174 80.5 0.0 161.2
 176 78.6 0.0 155.0





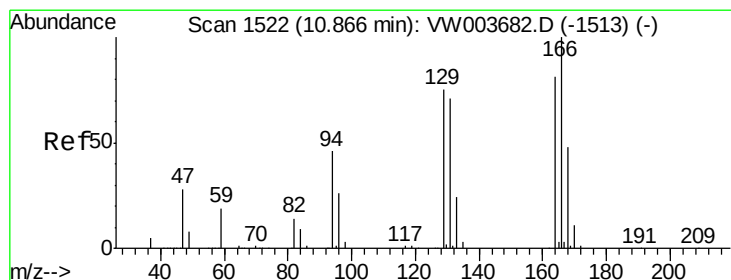
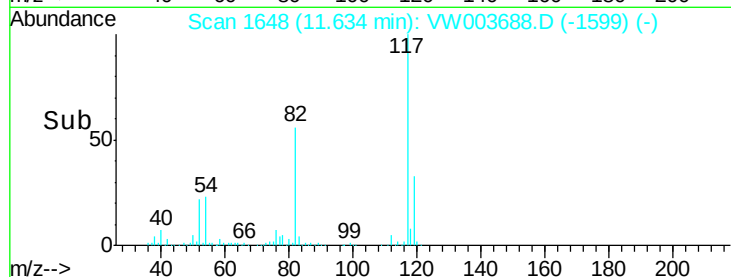
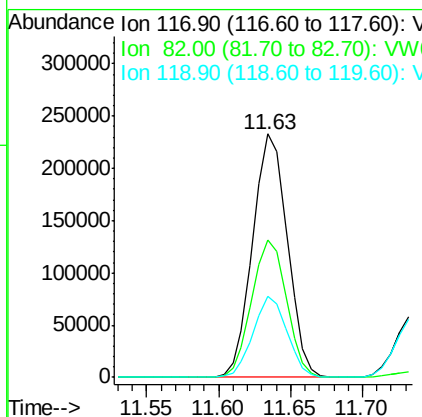
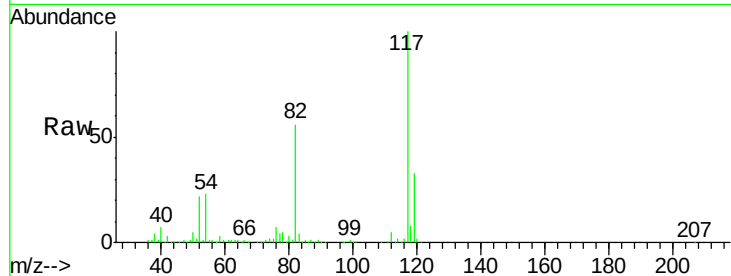
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1648
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	388527		
82	56.3	46.0	69.0	
119	33.2	25.4	38.0	

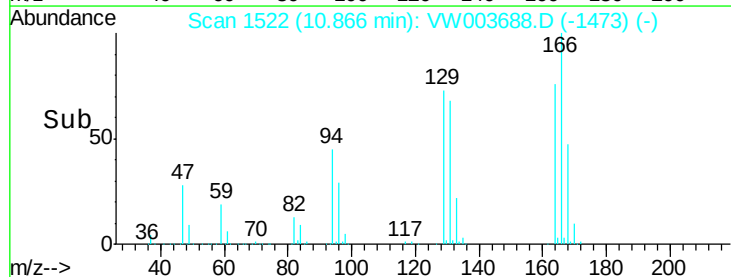
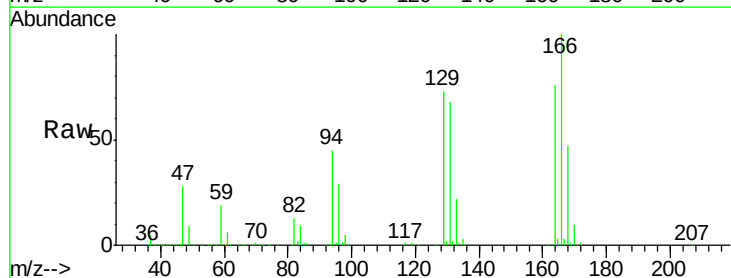
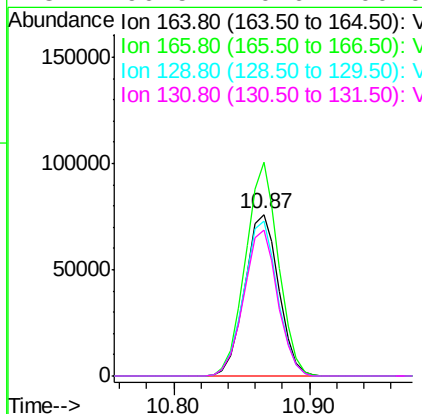
Manual Integrations
APPROVED

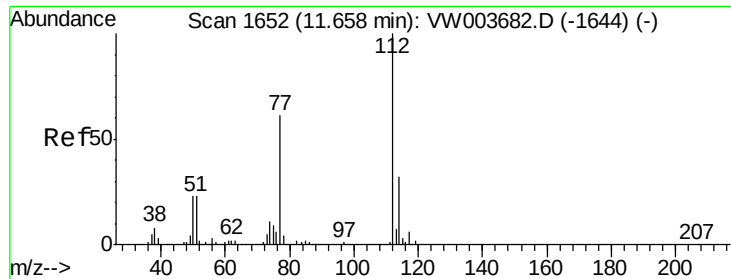
apatel
7/5/2018 11:11:55 AM



#64
Tetrachloroethene
Concen: 50.531 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	132695		
166	132.3	99.0	148.4	
129	96.1	73.8	110.6	
131	90.5	70.6	106.0	





#65

Chlorobenzene

Concen: 50.700 ug/l

RT: 11.66 min Scan# 1652

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:112 Resp: 414130

Ion Ratio Lower Upper

112 100

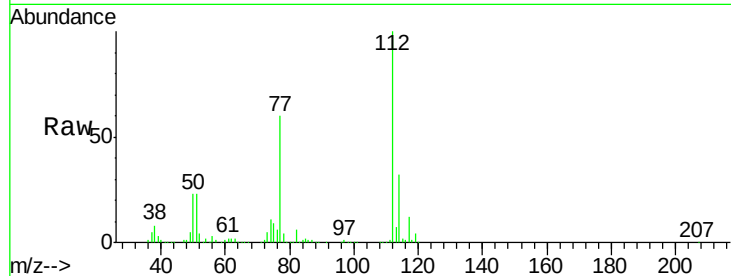
114 31.8 25.8 38.8

Manual Integrations

APPROVED

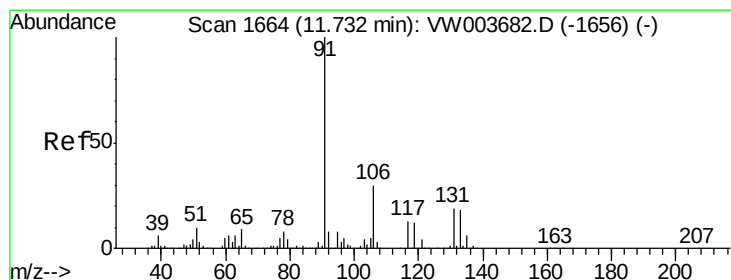
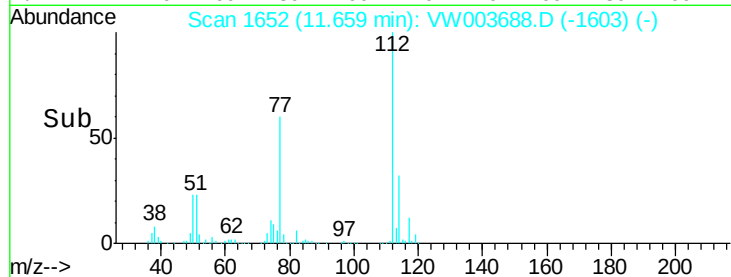
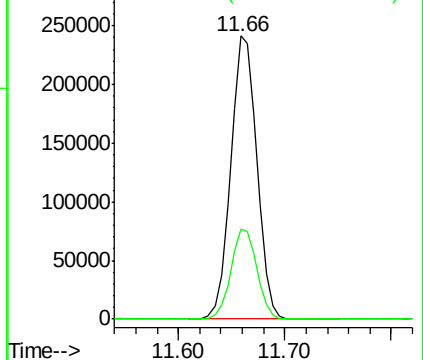
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 50.786 ug/l

RT: 11.73 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

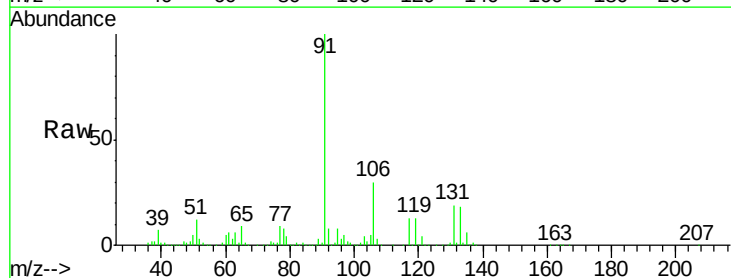
Tgt Ion:131 Resp: 144978

Ion Ratio Lower Upper

131 100

133 95.1 47.6 142.8

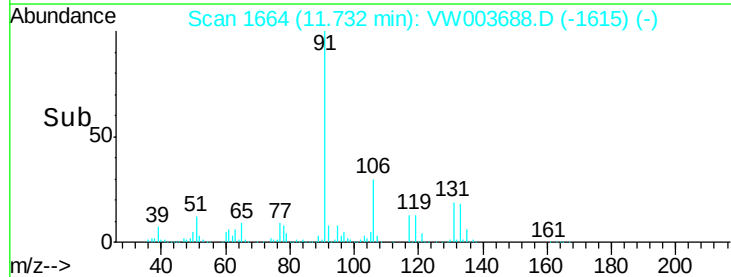
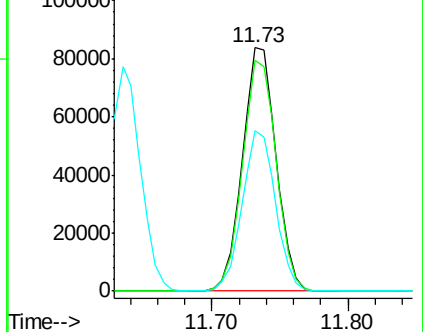
119 65.1 31.9 95.9

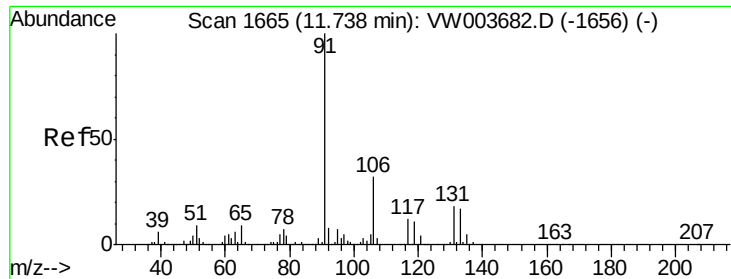


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





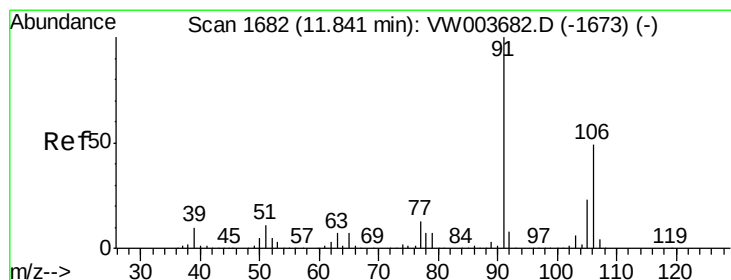
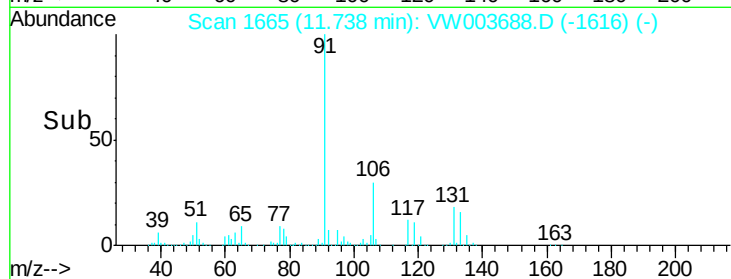
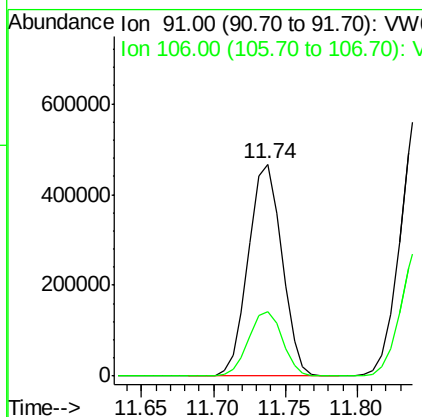
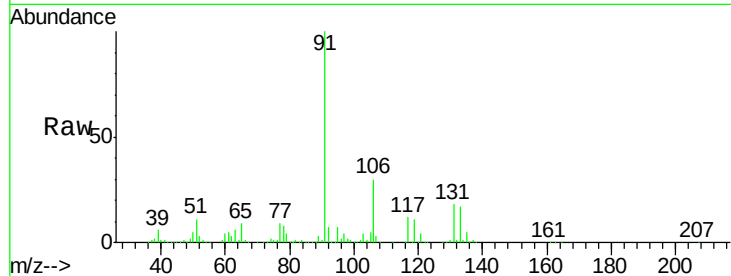
#67
Ethyl Benzene
Concen: 52.757 ug/l
RT: 11.74 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 755059
Ion Ratio Lower Upper
91 100
106 30.4 25.2 37.8

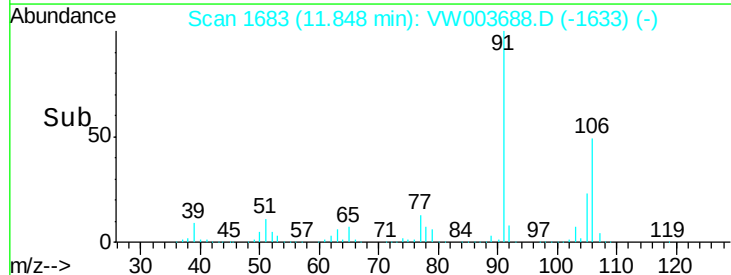
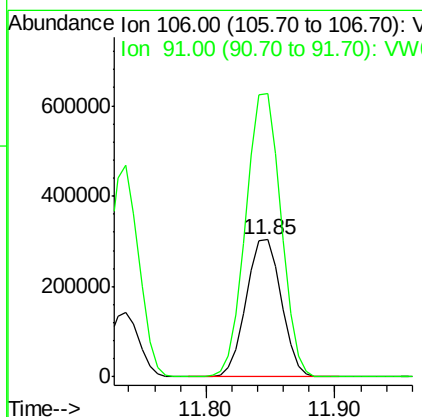
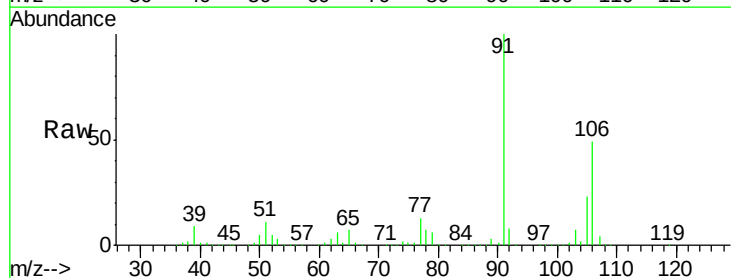
Manual Integrations
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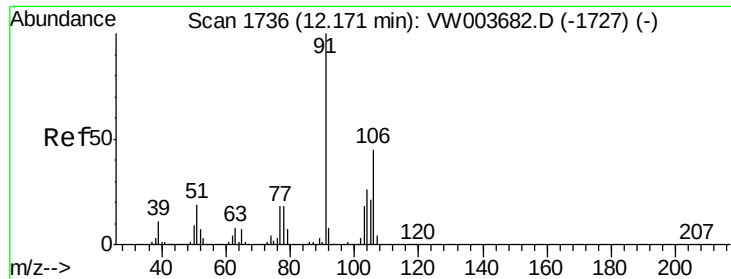
apatel
7/5/2018 11:11:55 AM



#68
m/p-Xylenes
Concen: 105.376 ug/l
RT: 11.85 min Scan# 1683
Delta R.T. 0.01 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion: 106 Resp: 573508
Ion Ratio Lower Upper
106 100
91 205.9 163.7 245.5





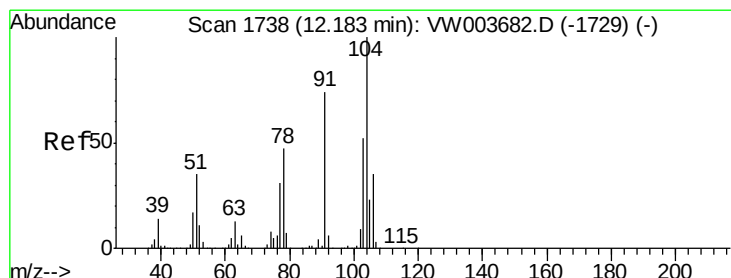
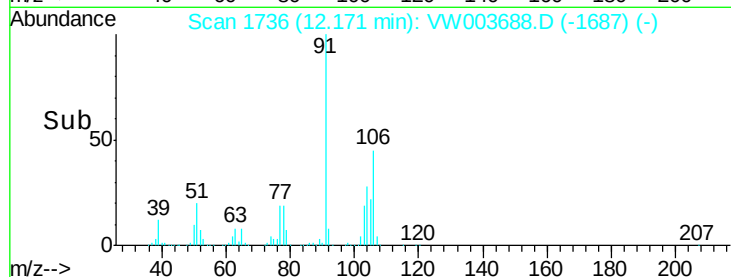
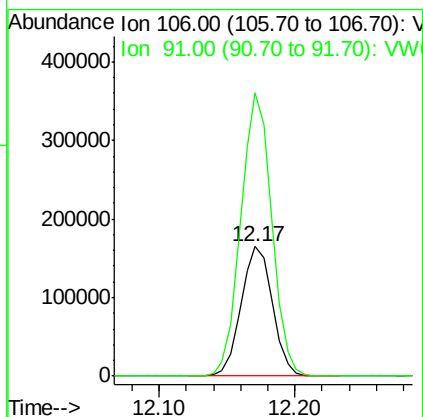
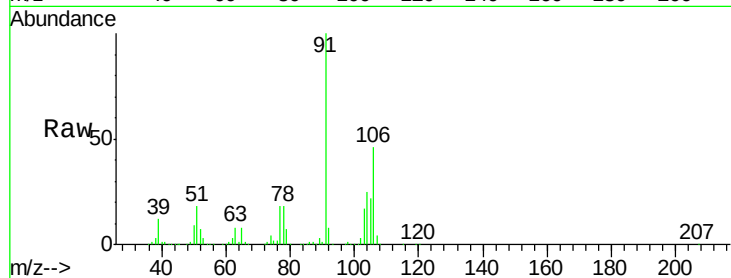
#69
o-Xylene
Concen: 52.808 ug/l
RT: 12.17 min Scan# 1736
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.9	109.3	327.8

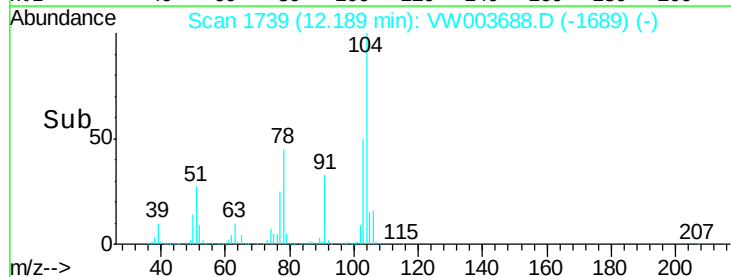
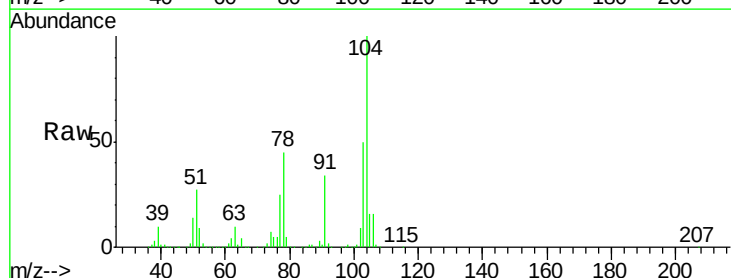
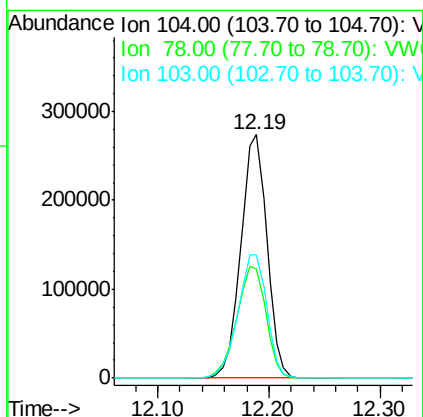
Manual Integrations
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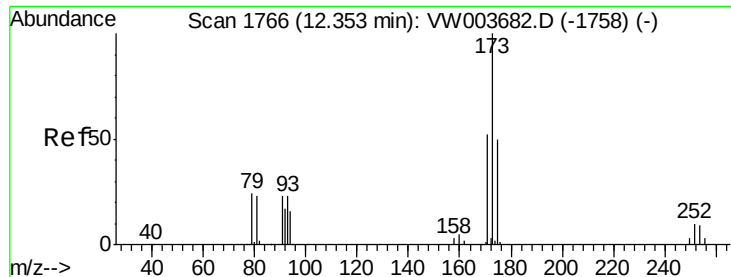
apatel
7/5/2018 11:11:55 AM



#70
Styrene
Concen: 52.903 ug/l
RT: 12.19 min Scan# 1739
Delta R.T. 0.01 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.3	40.2	60.4
103	55.8	44.4	66.6





#71

Bromoform

Concen: 49.390 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

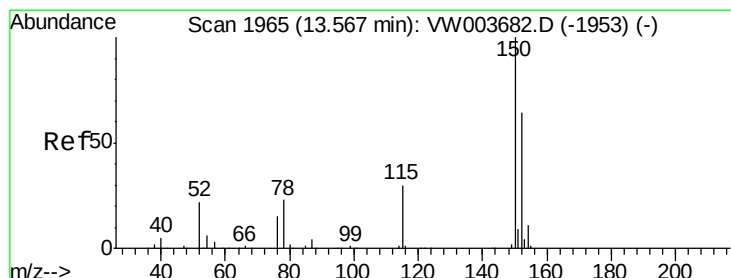
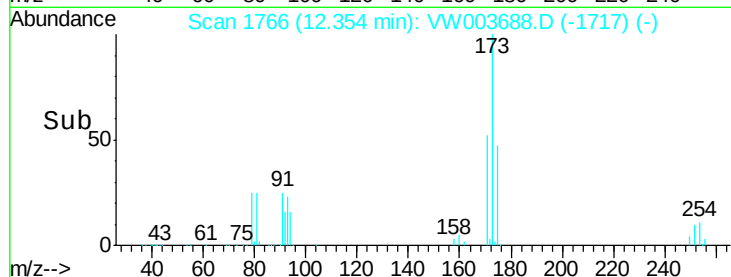
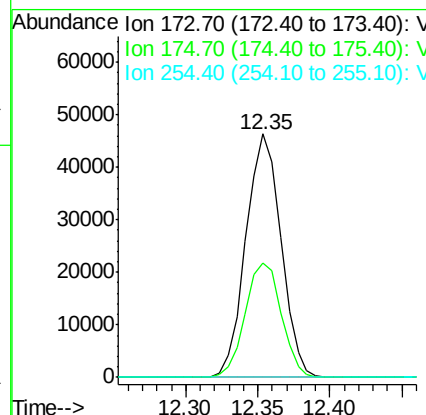
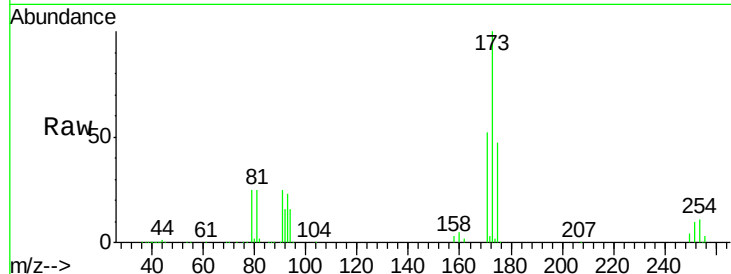
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.5	73.5
254	0.1	0.2	0.2

Manual Integrations
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apatel
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

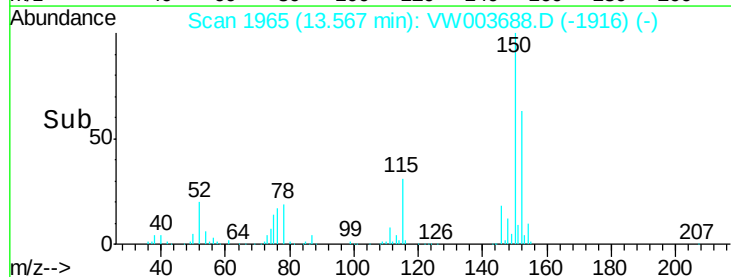
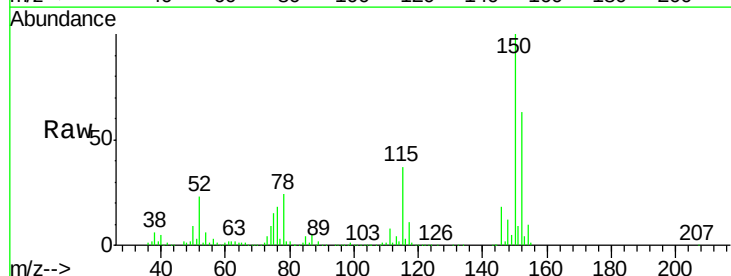
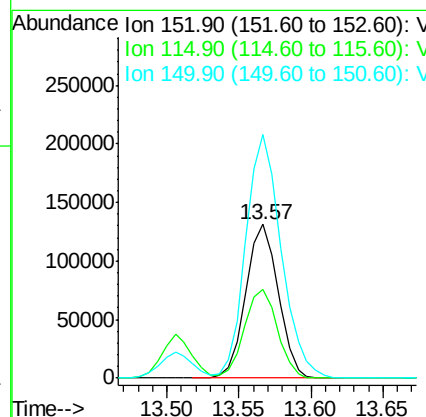
RT: 13.57 min Scan# 1965

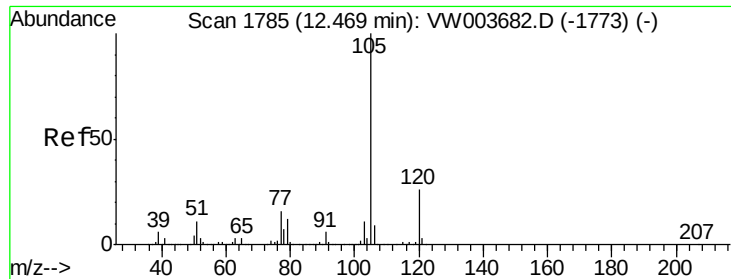
Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.5	29.3	88.0
150	173.0	0.0	352.0





#73

Isopropylbenzene

Concen: 53.815 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 750207

Ion Ratio Lower Upper

105 100

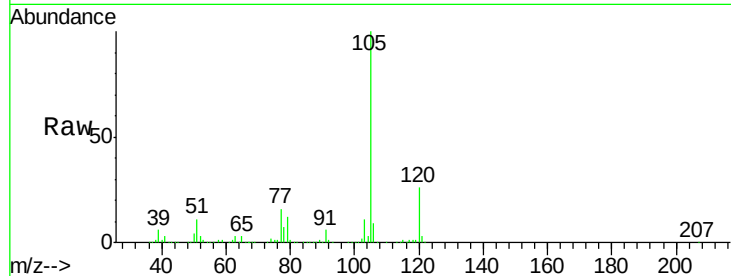
120 26.1 13.1 39.3

Manual Integrations

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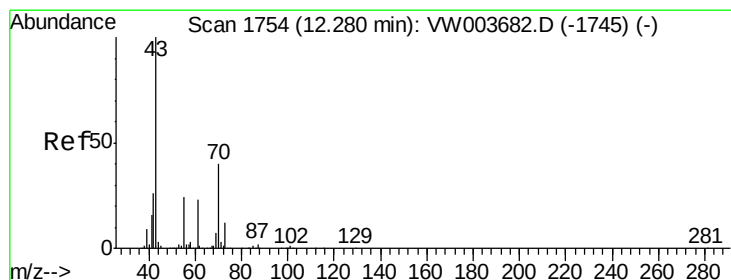
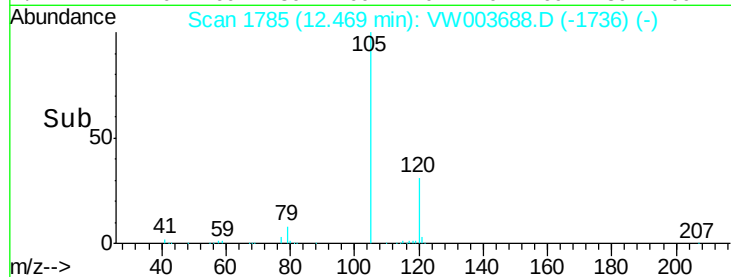
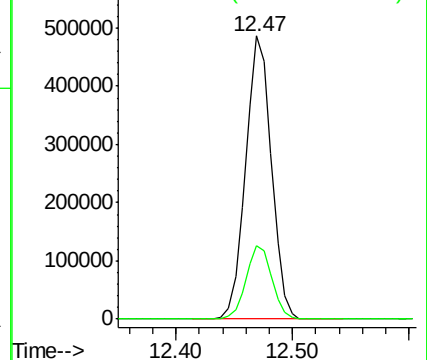
apatel

7/5/2018 11:11:55 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: 48.627 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Tgt Ion: 43 Resp: 178995

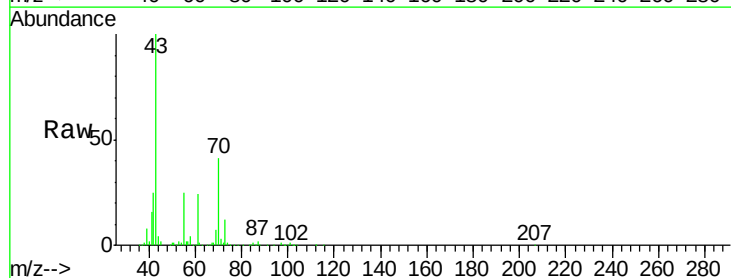
Ion Ratio Lower Upper

43 100

70 40.0 31.3 46.9

55 25.7 20.1 30.1

61 22.8 18.2 27.2

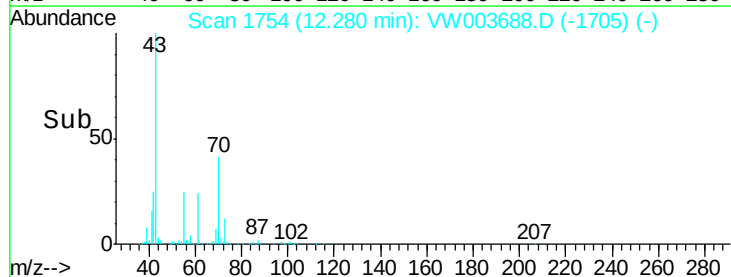
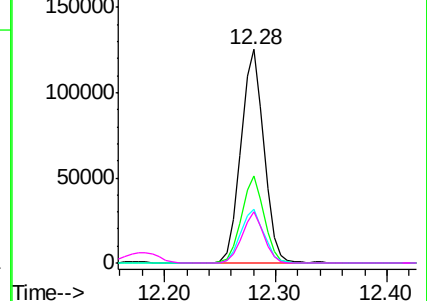


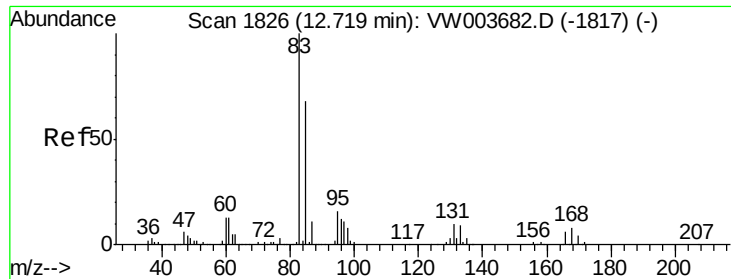
Abundance Ion 43.00 (42.70 to 43.70): VV

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





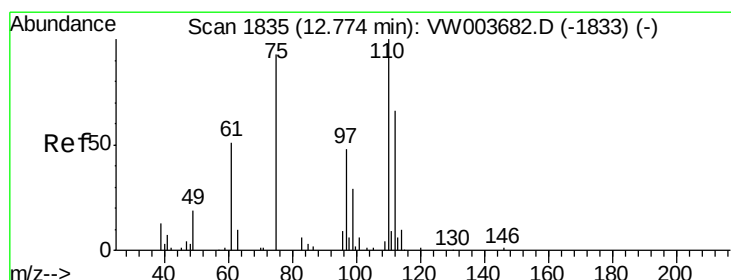
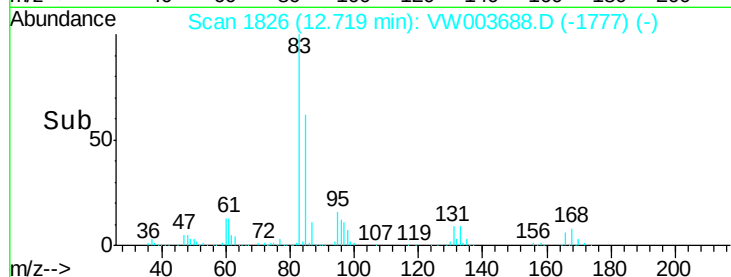
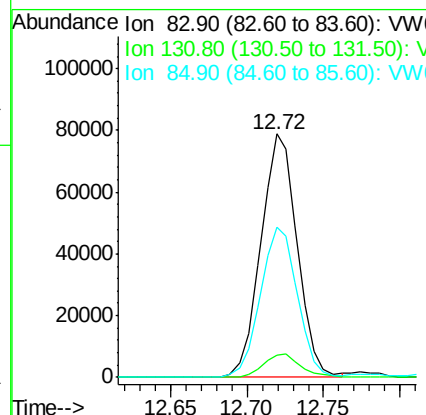
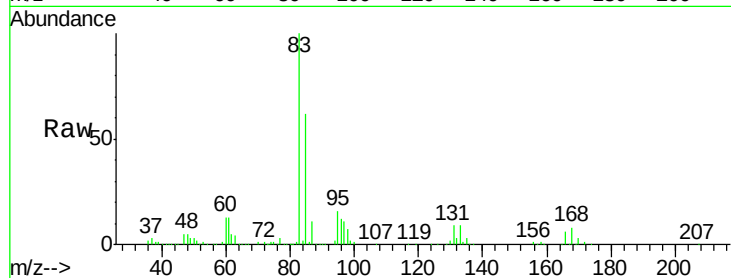
#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.778 ug/l
 RT: 12.72 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	83	Resp	130276
Ion Ratio	100	Lower	Upper
83	100		
131	10.1	5.3	15.9
85	62.7	31.9	95.9

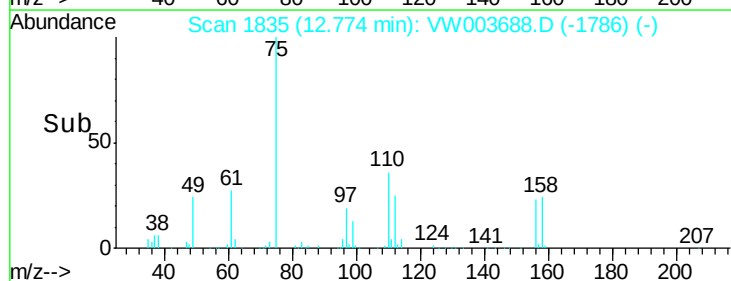
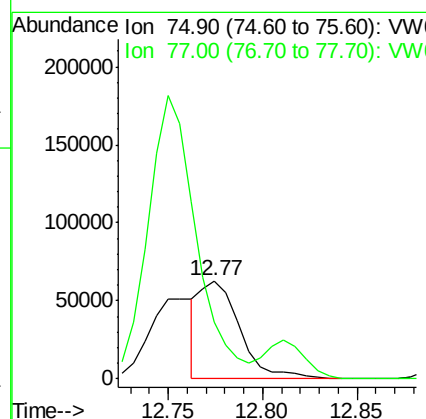
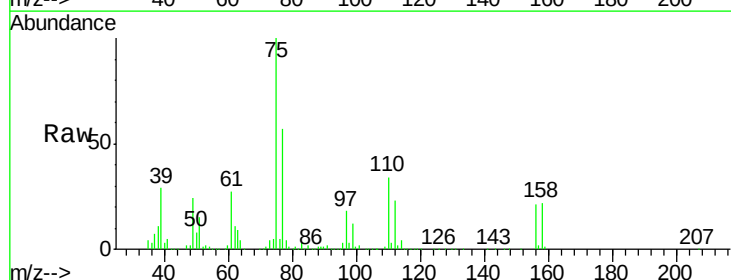
Manual Integrations
 APPROVED

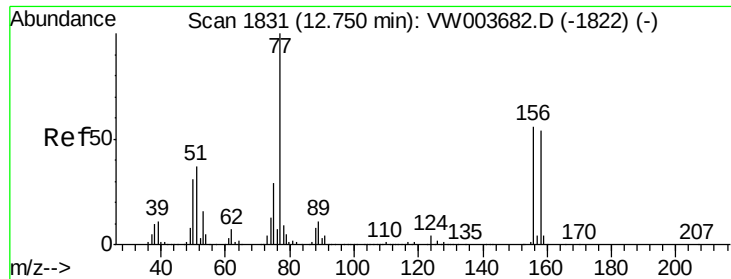
apatel
 7/5/2018 11:11:55 AM



#76
 1,2,3-Trichloropropane
 Concen: 50.343 ug/l m
 RT: 12.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion	75	Resp	92765
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	0.0	0.0





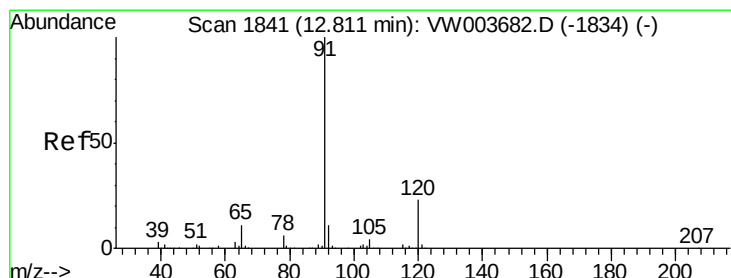
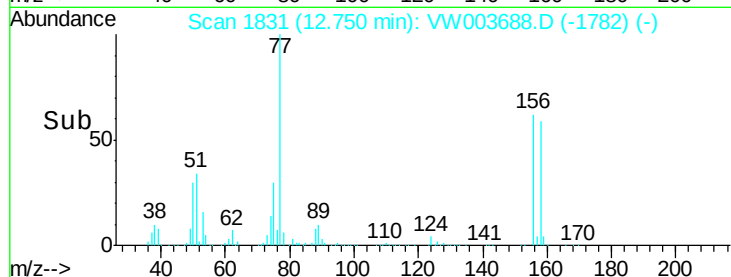
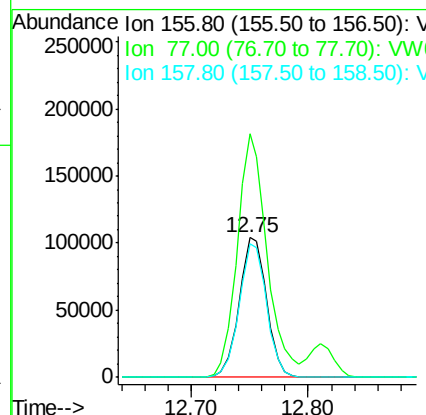
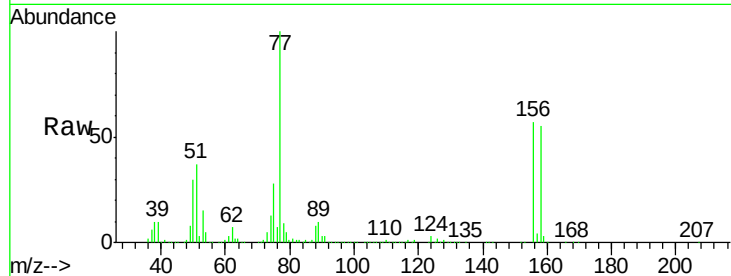
#77
Bromobenzene
Concen: 50.812 ug/l
RT: 12.75 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	190.0	95.8	287.4
158	95.5	48.2	144.6

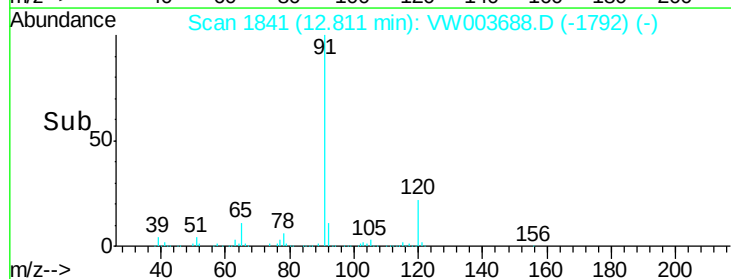
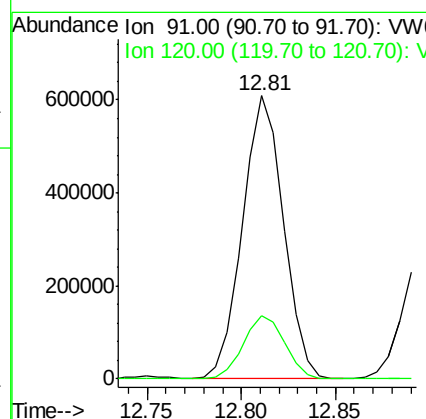
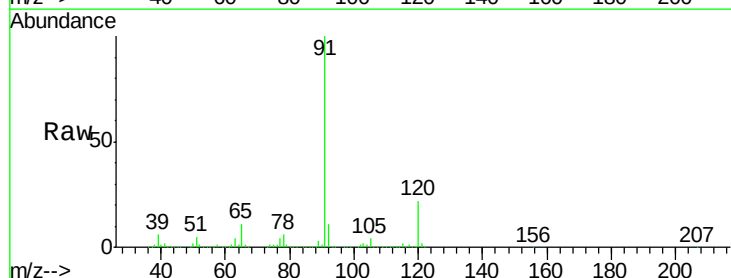
Manual Integrations
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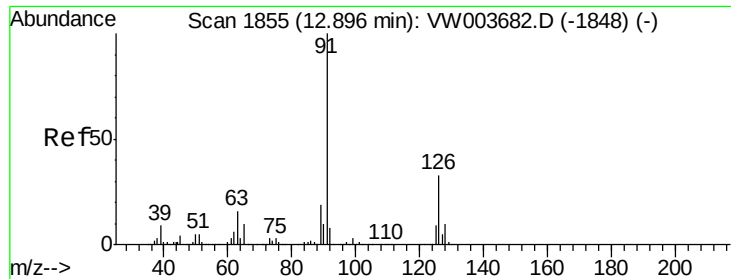
apatel
7/5/2018 11:11:55 AM



#78
n-propylbenzene
Concen: 53.323 ug/l
RT: 12.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.4	34.1





#79

2-Chlorotoluene

Concen: 52.214 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 511689

Ion Ratio Lower Upper

91 100

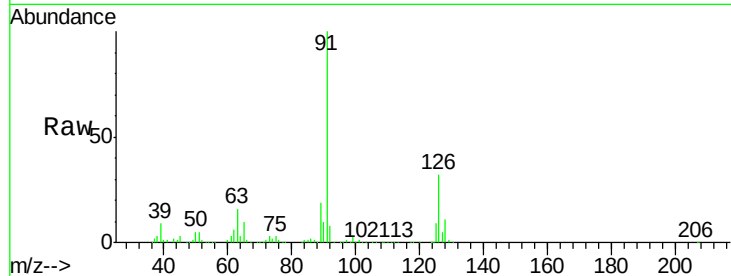
126 33.2 16.4 49.4

Manual Integrations

APPROVED

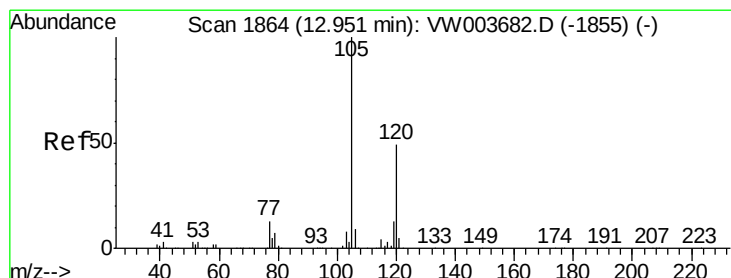
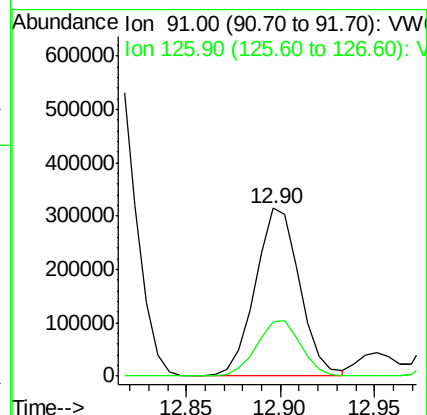
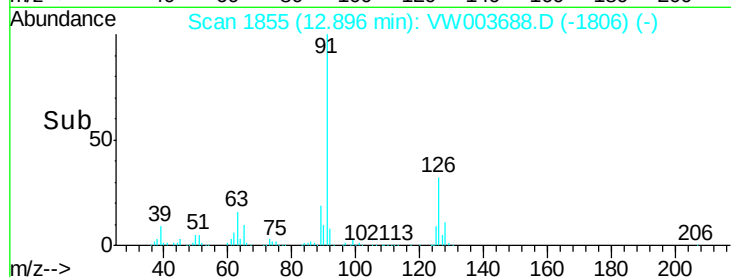
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.482 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW003688.D

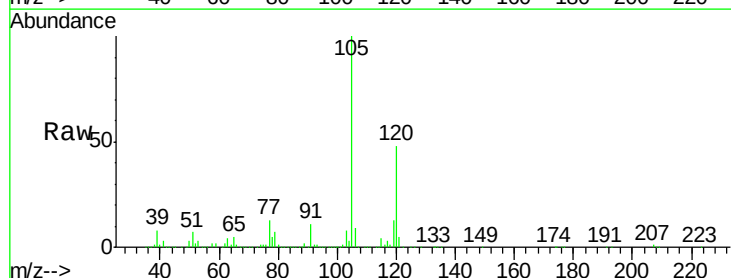
Acq: 03 Jul 2018 10:16

Tgt Ion:105 Resp: 630716

Ion Ratio Lower Upper

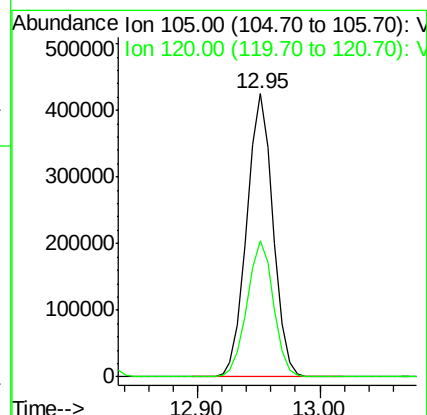
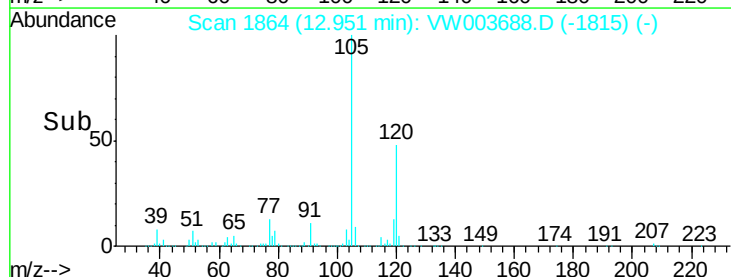
105 100

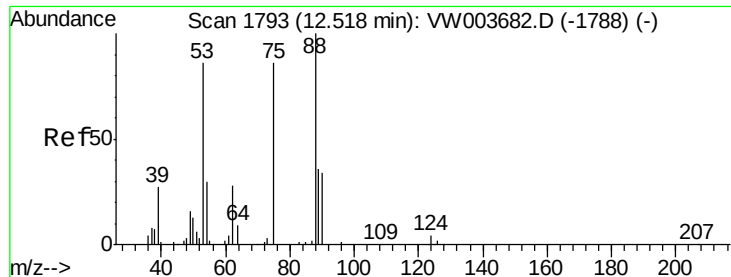
120 48.4 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 49.761 ug/l

RT: 12.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Instrument :

MSVOA_W

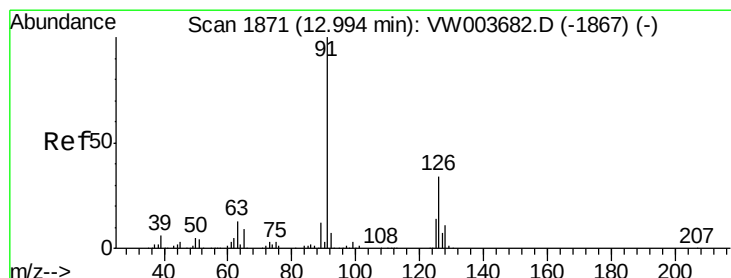
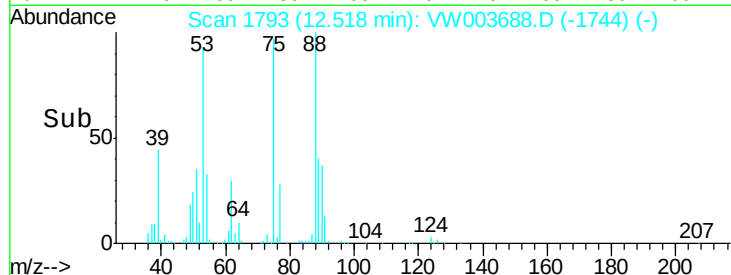
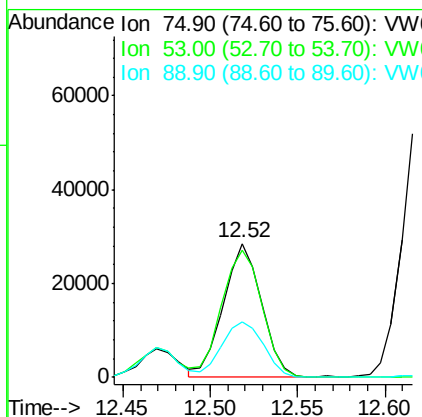
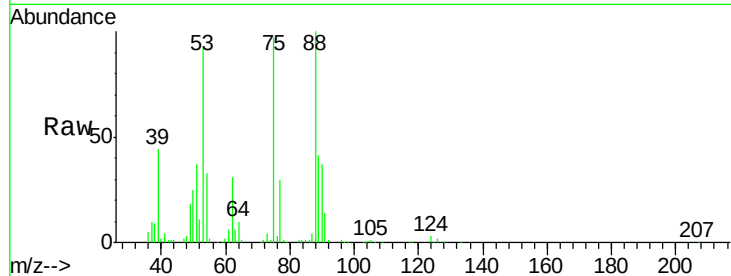
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	43273
Ion	Ratio	Lower	Upper
75	100		
53	101.1	82.4	123.6
89	45.0	35.9	53.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 51.769 ug/l

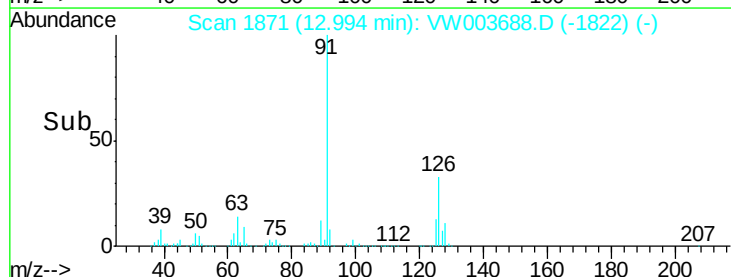
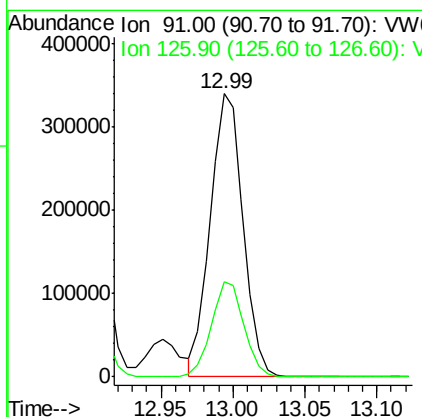
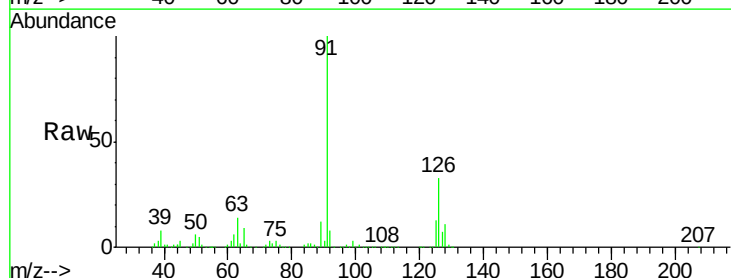
RT: 12.99 min Scan# 1871

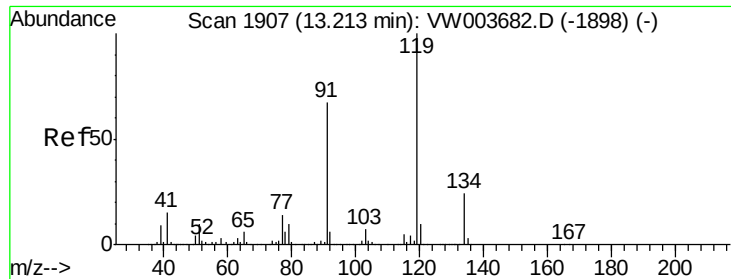
Delta R.T. 0.00 min

Lab File: VW003688.D

Acq: 03 Jul 2018 10:16

Tgt Ion:	91	Resp:	538550
Ion	Ratio	Lower	Upper
91	100		
126	33.5	17.0	50.9





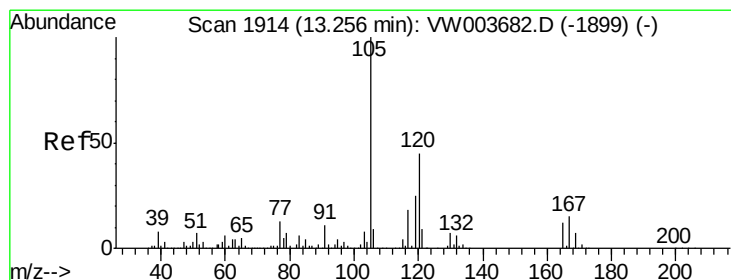
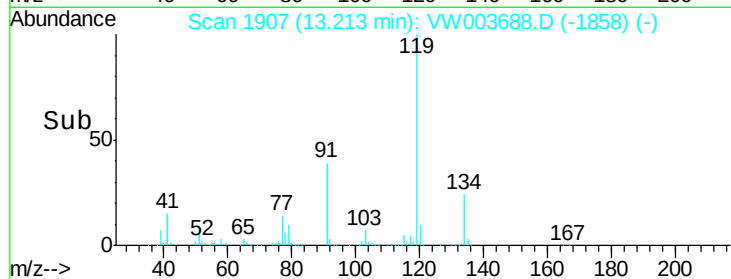
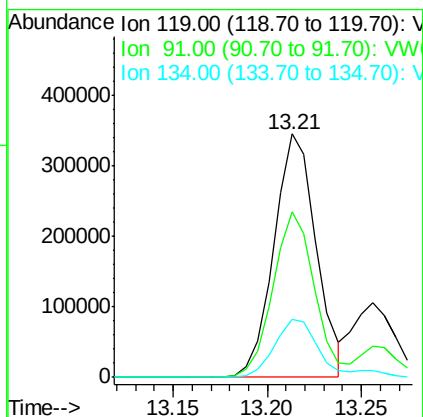
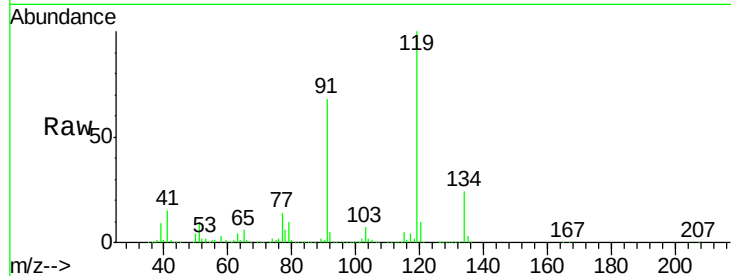
#83
 tert-Butylbenzene
 Concen: 53.922 ug/l
 RT: 13.21 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	33.8	101.3
134	26.3	13.1	39.1

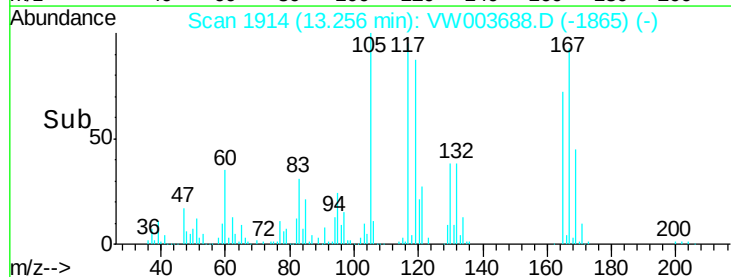
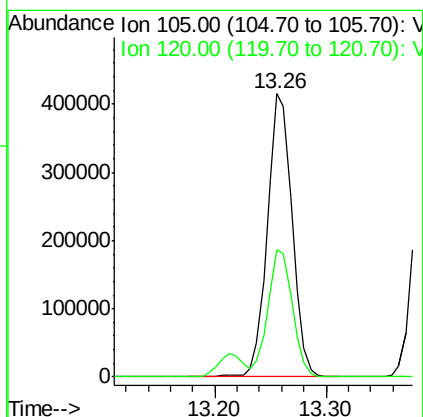
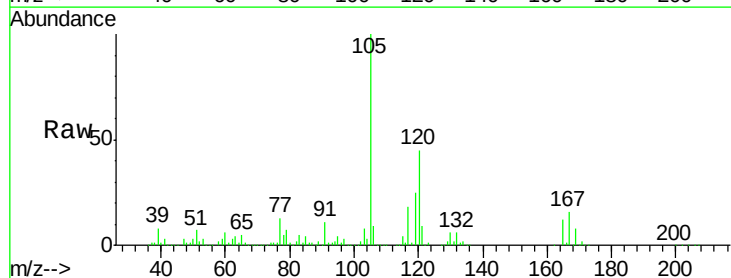
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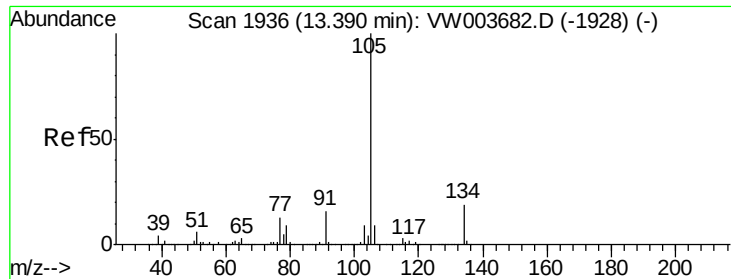
apatel
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.109 ug/l
 RT: 13.26 min Scan# 1914
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.4	67.3





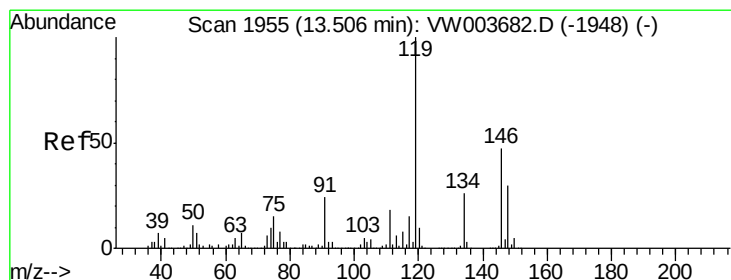
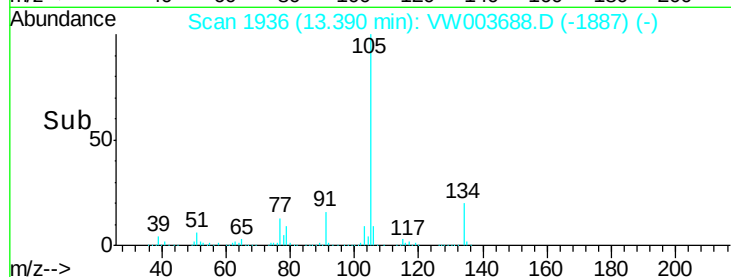
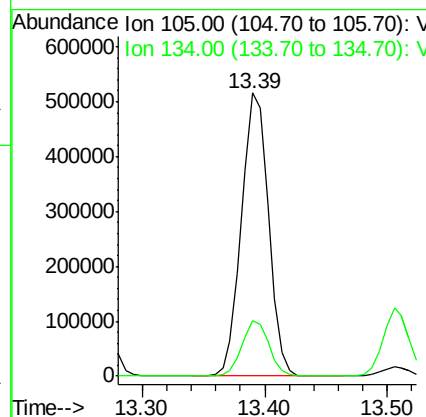
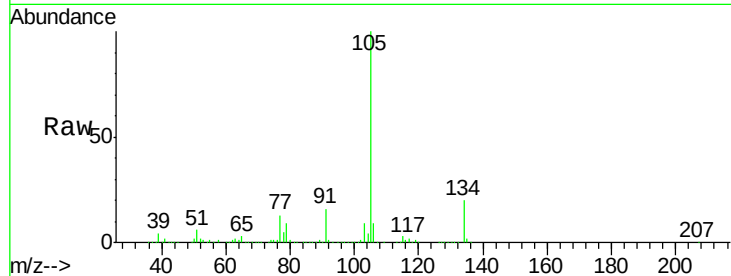
#85
 sec-Butylbenzene
 Concen: 53.383 ug/l
 RT: 13.39 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.4

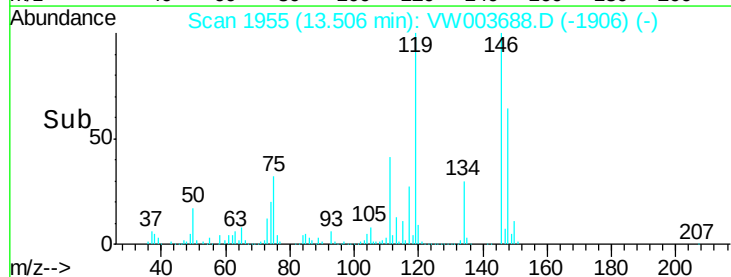
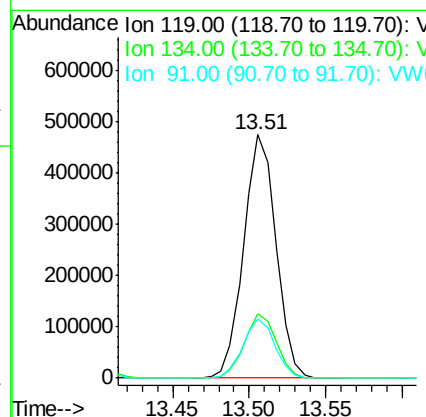
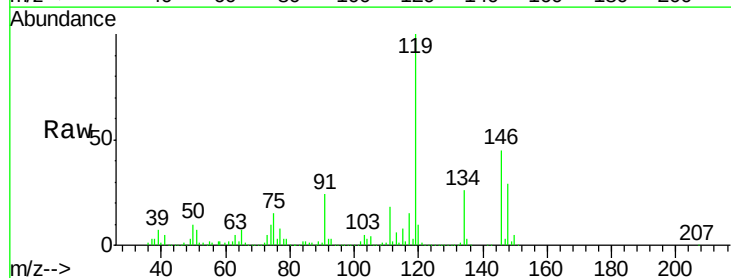
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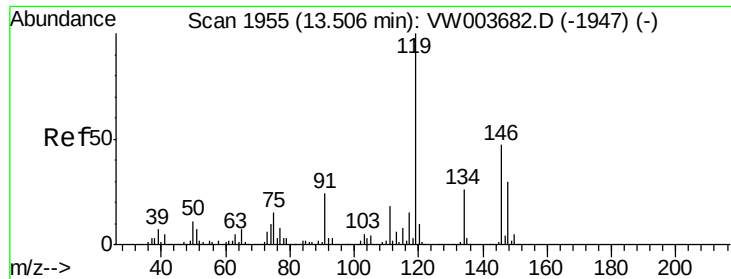
apatel
 7/5/2018 11:11:55 AM



#86
 p-Isopropyltoluene
 Concen: 53.756 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	23.9	11.8	35.4





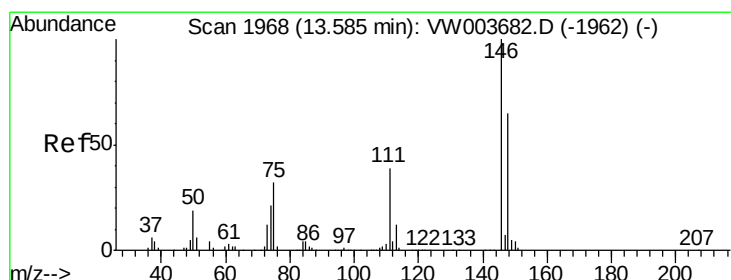
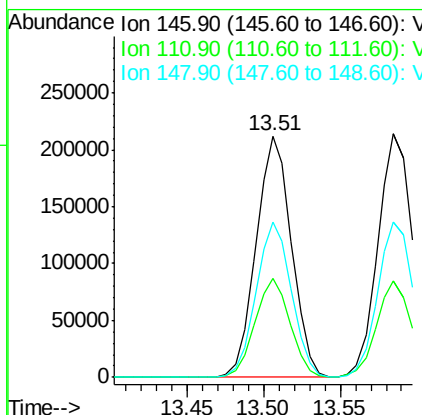
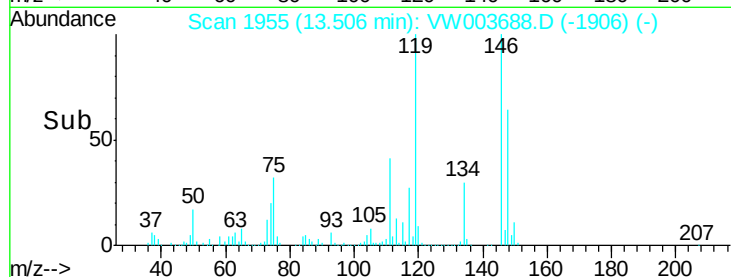
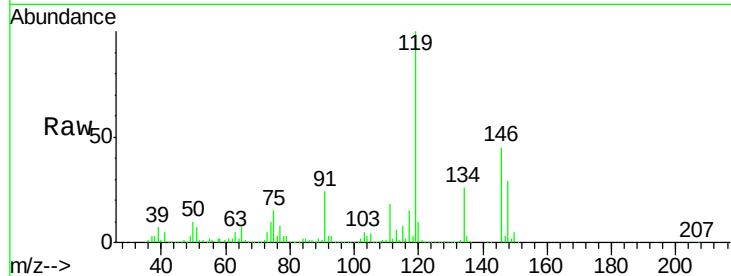
#87
 1,3-Dichlorobenzene
 Concen: 50.301 ug/l
 RT: 13.51 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	341546		
111	40.5	19.9	59.7	
148	63.9	31.9	95.9	

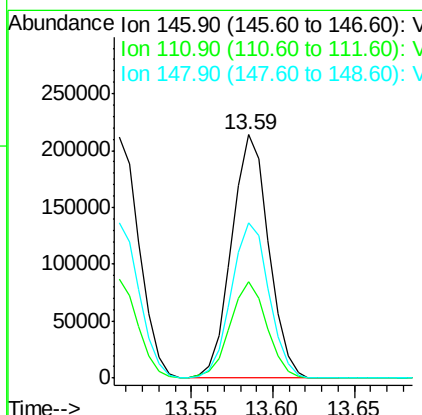
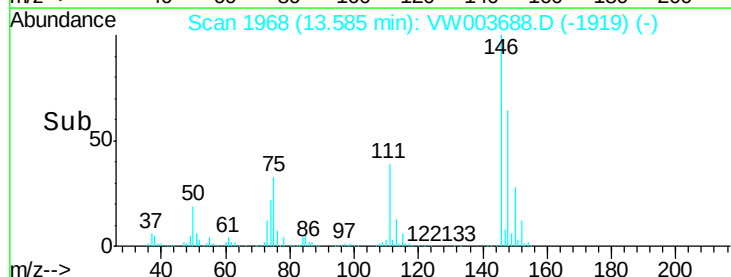
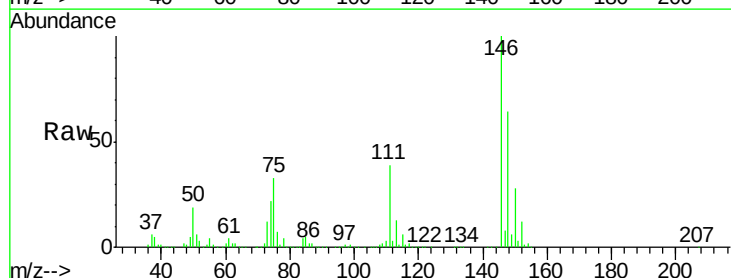
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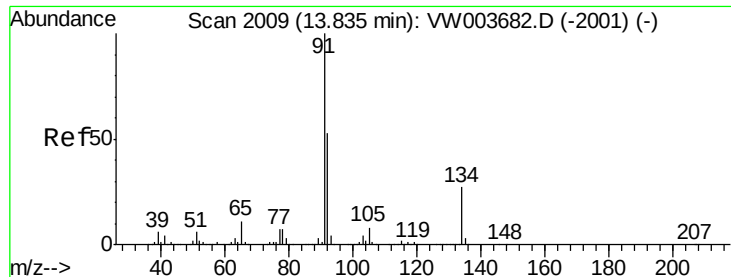
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 49.918 ug/l
 RT: 13.59 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	338699		
111	39.3	19.3	57.9	
148	64.9	32.3	96.9	





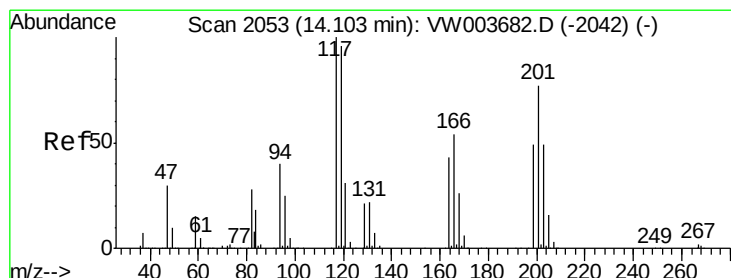
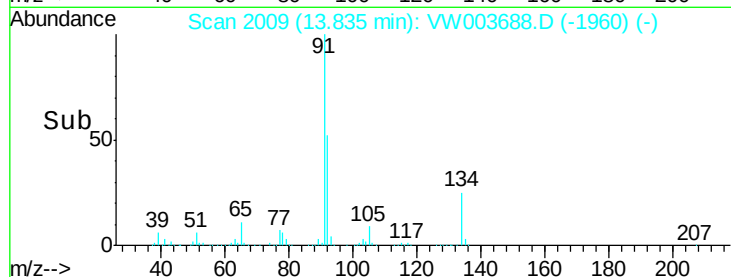
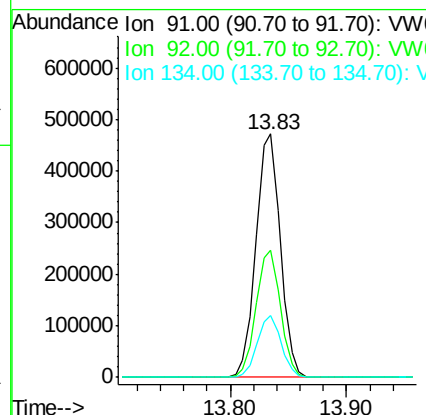
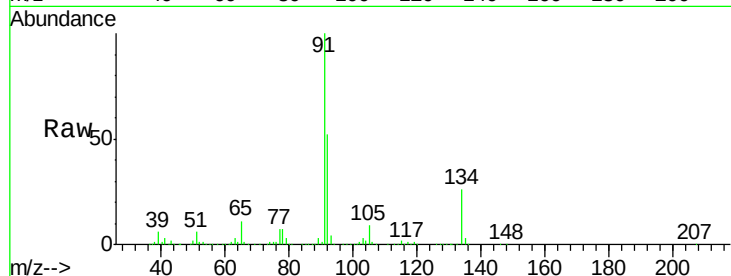
#89
n-Butylbenzene
Concen: 54.027 ug/l
RT: 13.83 min Scan# 2009
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.4	79.2
134	25.0	12.7	38.1

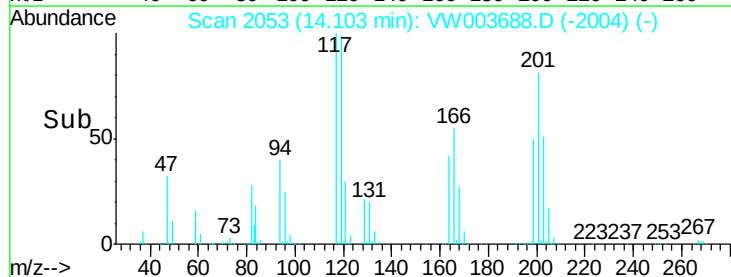
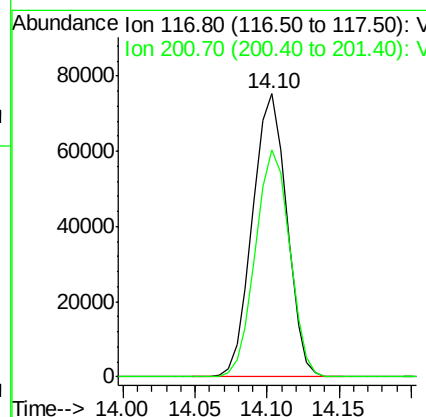
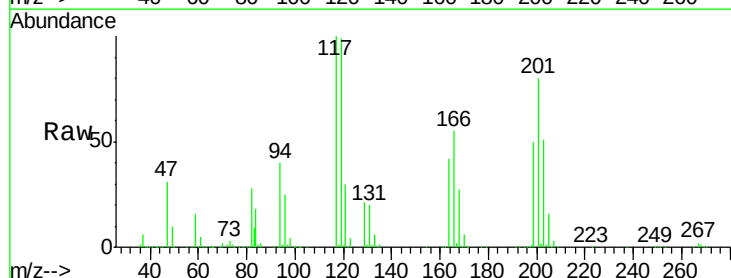
Manual Integrations
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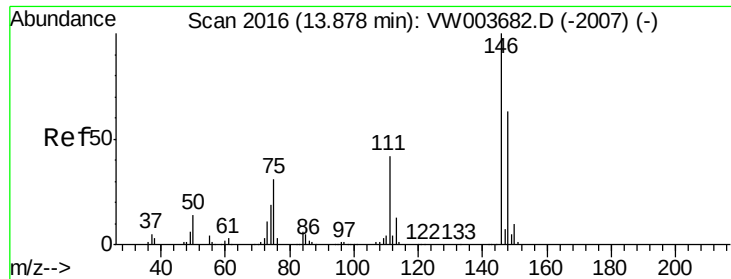
apatel
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#90
Hexachloroethane
Concen: 51.644 ug/l
RT: 14.10 min Scan# 2053
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.9	39.1	117.2





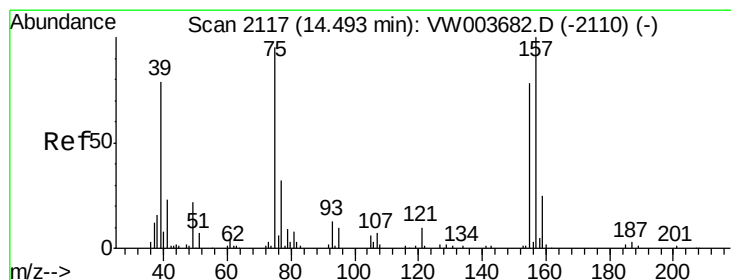
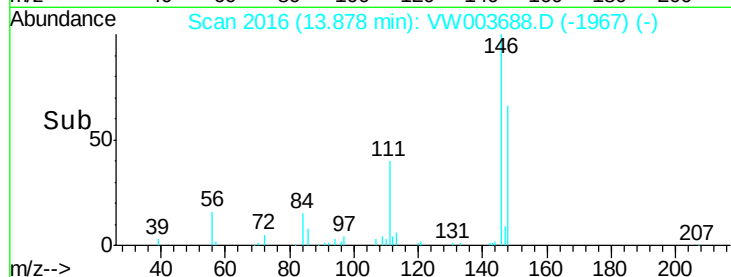
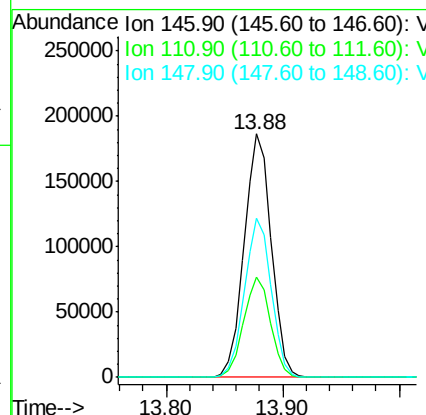
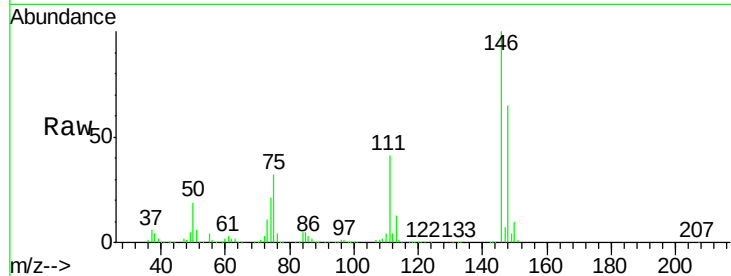
#91
 1,2-Dichlorobenzene
 Concen: 49.890 ug/l
 RT: 13.88 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.9
148	64.6	31.9	95.7

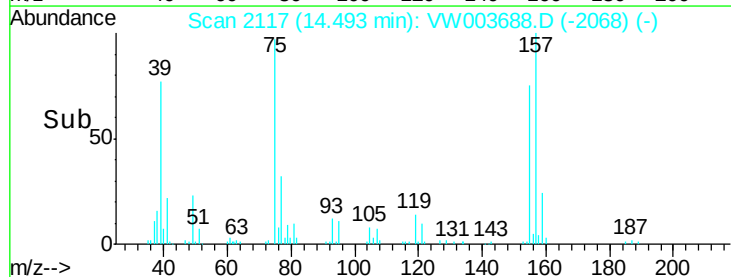
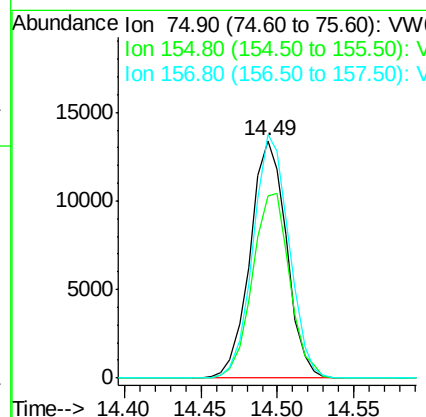
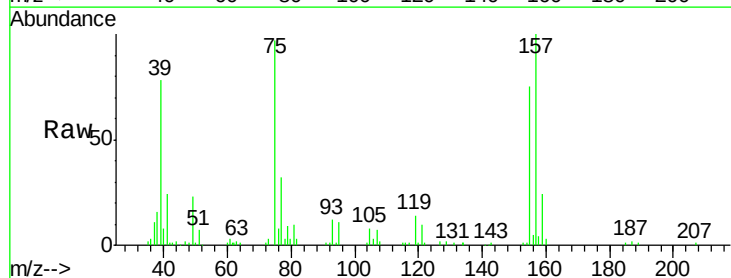
Manual Integrations
 APPROVED

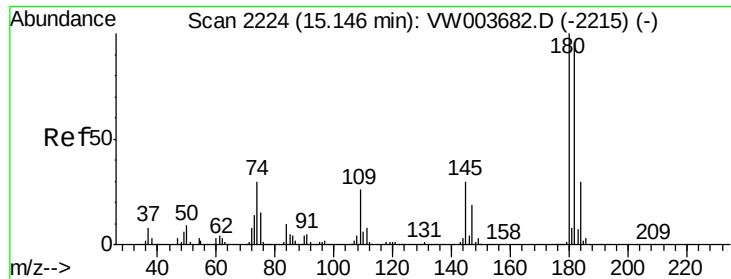
apatel
 7/5/2018 11:11:55 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.639 ug/l
 RT: 14.49 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.9	40.2	120.6
157	101.2	50.7	152.3





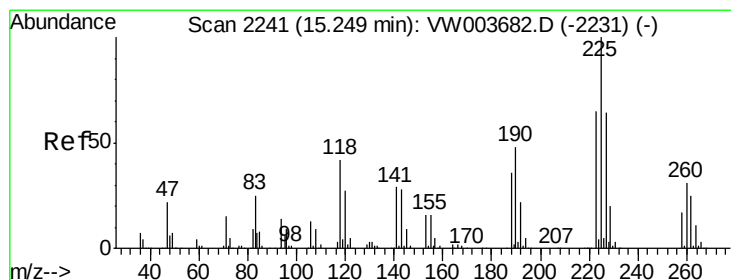
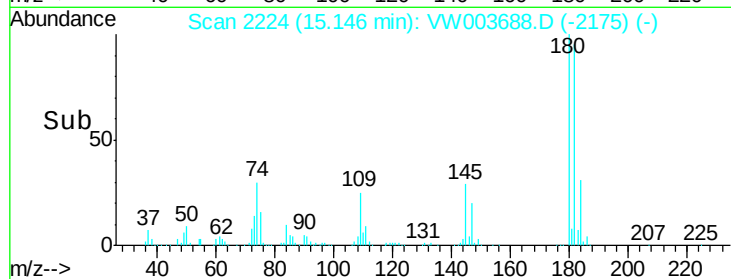
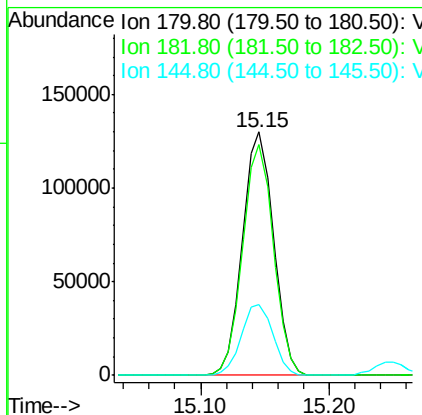
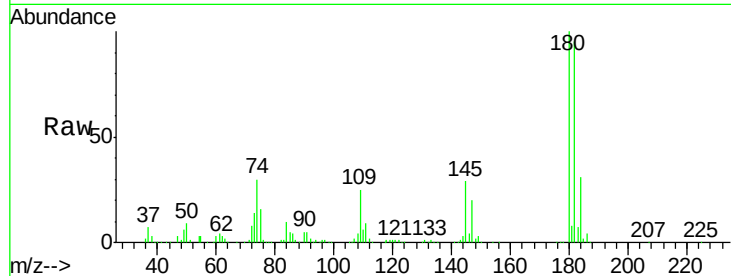
#93
 1,2,4-Trichlorobenzene
 Concen: 50.454 ug/l
 RT: 15.15 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	215985		
182	94.2	47.6	142.8	
145	29.9	14.9	44.5	

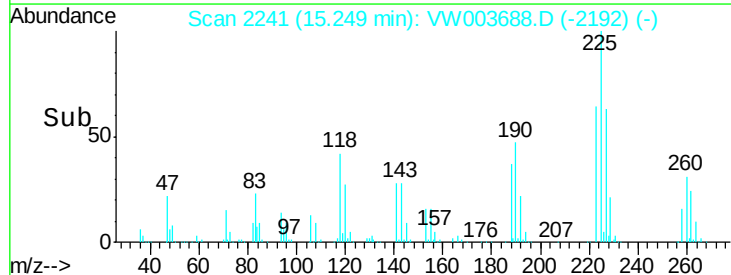
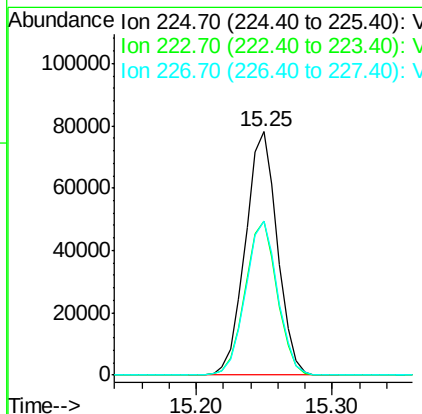
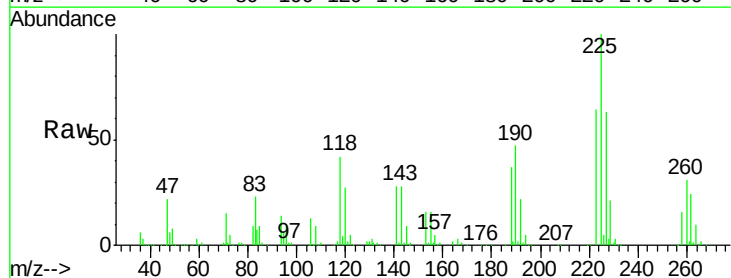
Manual Integrations
 APPROVED

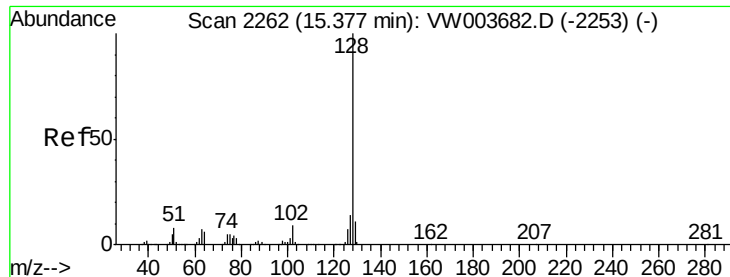
apatel
 7/5/2018 11:11:55 AM



#94
 Hexachlorobutadiene
 Concen: 51.861 ug/l
 RT: 15.25 min Scan# 2241
 Delta R.T. 0.00 min
 Lab File: VW003688.D
 Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128220		
223	63.2	32.0	96.2	
227	63.4	31.9	95.7	





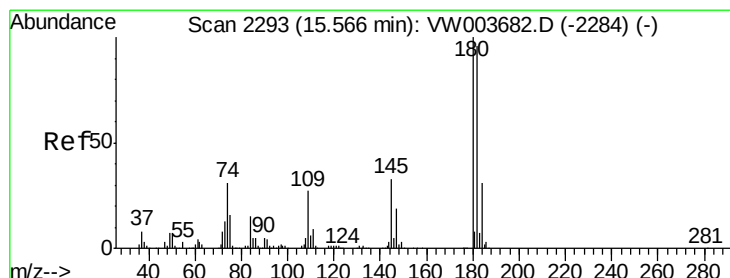
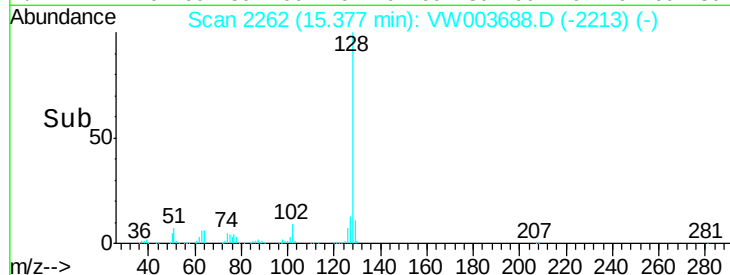
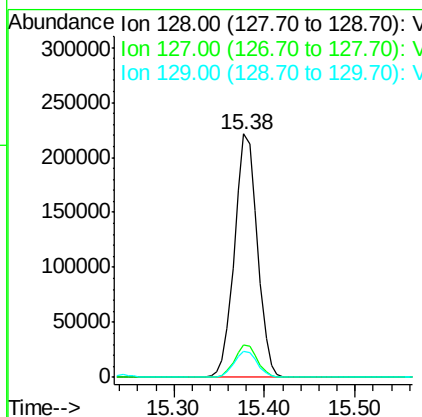
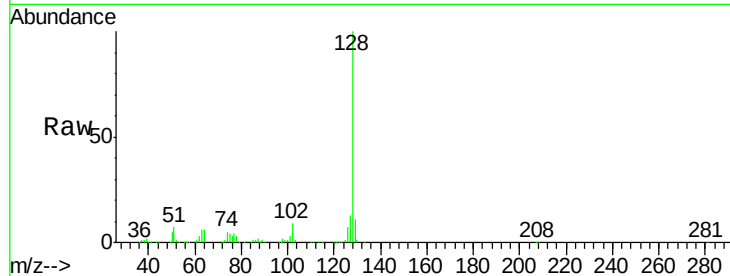
#95
Naphthalene
Concen: 49.826 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

apatel
7/5/2018 11:11:55 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.846 ug/l
RT: 15.57 min Scan# 2293
Delta R.T. 0.00 min
Lab File: VW003688.D
Acq: 03 Jul 2018 10:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.8	143.3
145	32.1	15.9	47.7

